ADDENDUM NO. 2

November 12, 2025

THE NEW WALLACE AYLESWORTH MIDDLE SCHOOL
5910 Central Ave.
Portage, IN 46368

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications and the Drawings dated October 28, 2025, by Fanning Howey Associtate, Inc. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 2-1 through ADD 2-2, missing Technology Drawings T001 and TS101, and attached Addendum No. 2 from Fanning Howey Associates, Inc., dated November 11, 2025, and consisting of 6 pages, Specification Section 32 18 13 - Synthetic Grass Surfacing, and 174 Drawings.

A. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

Under 3.03 Bid Categories

C. BID CATEGORY NO. 3 - GENERAL TRADES

1. **DELETE:**

Specification Section 09 97 35 - Dry Erase Coatings

H. BID CATEGORY NO. 8 - PAINTING

1. **ADD:**

Specification Section 09 97 35 - Dry Erase Coatings

DEFINITIONS

ACCEPTANCE TEST	A TEST OR SET OF TESTS PERFORMED TO DEMONSTRATE SATISFACTORY COMPLETION OF A PREDETERMINED TASK OR GROUP OF TASKS ON WHICH ACCEPTANCE IS DEPENDANT.
ACCESS POINT (AP)	ACCESS POINT (AP) - THE CENTRAL OR CONTROL POINT IN A WIRELESS CELL THAT ACTS AS A LINK FOR TRAFFIC TO AND FROM WIRELESS DEVICES IN THE CELL. THE AP ALSO CONNECTS WIRELESS DEVICES TO THE WIRED PORTION OF THE NETWORK.
ACTIVE CIRCUIT	ACTIVE CIRCUIT - A VOICE/DATA/VIDEO CHANNEL CONNECTED TO A CIRCUIT.
ACTIVE EQUIPMENT	ENERGIZED EQUIPMENT USED FOR RECEIVING OR TRANSMITTING ANALOG OR DIGITAL SIGNALS.
ADMINISTRATION	ADMINISTRATION - THE METHODOLOGY DEFINING THE DOCUMENTATION REQUIREMENTS OF A CABLING SYSTEM AND ITS CONTAINMENT, THE LABELING OF FUNCTIONAL ELEMENTS AND THE PROCESS BY WHICH MOVES, ADDS, AND CHANGES ARE RECORDED. (ISO)
ALIEN CROSSTALK	UNWANTED TRANSFER OF SIGNAL FROM ONE OR MORE CIRCUITS IN A GIVEN CABLE TO OTHER CIRCUITS IN ANOTHER CABLE.
ATTENUATION	THE DECREASE IN MAGNITUDE OF TRANSMISSION SIGNAL STRENGTH BETWEEN POINTS, EXPRESSED IN DB AS THE RATIO OF OUTPUT TO INPUT SIGNAL LEVEL.
ATTENUATION-TO-CROSSTALK RATION (ACR)	THE RATIO OBTAINED BY SUBTRACTING INSERTION LOSS (ATTENUATION [DB]) FROM NEAR-END CROSSTALK (DB). ACR IS NORMALLY STATED AT A GIVEN FREQUENCY. SEE SIGNAL-TO-NOISE RATIO.
BACKBONE	A FACILITY (E.G., PATHWAY, CABLE, OR CONDUCTORS) BETWEEN ANY OF THE FOLLOWING SPACES: TELECOMMUNICATIONS ENCLOSURES, TELECOMMUNICATIONS ROOMS, EQUIPMENT ROOMS, AND ENTRANCE FACILITIES.
BACKBONE BONDING CONDUCTOR	BACKBONE BONDING CONDUCTOR - A COPPER CONDUCTOR EXTENDING FROM THE TELECOMMUNICATIONS MAIN GROUNDING BUSBAR TO THE FARTHEST FLOOR TELECOMMUNICATIONS GROUNDING BUSBAR. (TIA)
BALANCED TWISTED-PAIR CABLE	A MULTI-CONDUCTOR CABLE COMPRISING TWO OR MORE COPPER CONDUCTORS TWISTED IN A MANNER DESIGNED TO CANCEL ELECTRICAL INTERFERENCE.
BANDWIDTH	A MEASURE OF THE RANGE OF FREQUENCIES ASSOCIATED WITH A GIVEN SIGNAL OR COMMUNICATIONS CHANNEL, TYPICALLY EXPRESSED IN HERTZ. IT IS USED TO DENOTE THE POTENTIAL TRANSMISSION CAPACITY OF THE MEDIUM, DEVICE, OR SYSTEM.
BEND RADIUS	1. MAXIMUM RADIUS THAT A CABLE CAN BE BENT TO AVOID PHYSICAL OR ELECTRICAL DAMAGE OR CAUSE ADVERSE TRANSMISSION PERFORMANCE. 2. RADIUS OF CURVATURE THAT A MEDIA CAN BEND WITHOUT SIGNAL DEGRADATION.
BICSI	AN INTERNATIONAL TELECOMMUNICATIONS ASSOCIATION.
BONDING	THE PERMANENT JOINING OF METALLIC PARTS TO FORM AN ELECTRICALLY CONDUCTIVE PATH THAT WILL ENSURE ELECTRICAL CONTINUITY AND THE CAPACITY TO CONDUCT SAFELY ANY CURRENT LIKELY TO BE IMPOSED. (TIA)
BONDING CONDUCTOR (BC)	A CONDUCTOR USED SPECIFICALLY FOR THE PURPOSE OF BONDING.
BONDING CONDUCTOR FOR TELECOMMUNICATIONS (BCT)	A CONDUCTOR THAT INTERCONNECTS THE BUILDINGS SERVICE EQUIPMENT (POWER) GROUND TO THE TELECOMMUNICATIONS GROUNDING SYSTEM.
BORING	A METHOD TO DISPLACE EARTH UNDER THE GROUND WITHOUT BREAKING THE GROUND SURFACE (TRENCHING) OR CUTTING GROUND SURFACES (E.G., SIDEWALKS, DRIVEWAYS, PARKING LOTS, AND ROAD SURFACES). NORMALLY, AS DIRT IS DISPLACED OR REMOVED, CONDUIT IS INSERTED.
CABLING SYSTEM	A SPECIFIC SYSTEM OF TELECOMMUNICATIONS CABLES, EQUIPMENT/PATCH CORDS, CONNECTING HARDWARE, AND OTHER COMPONENTS THAT IS SUPPLIED AS A SINGLE ENTITY.
CARD READER	A SECURITY SYSTEM DEVICE THAT READS CODED CARDS.
CATEGORY	A RATING THAT DEFINES THE PERFORMANCE OF CABLING COMPONENTS AND SYSTEMS.
CELL	THE FIXED AREA IN WHICH A WIRELESS DEVICES OPERATES.
COMMUNICATIONS	SEE TELECOMMUNICATIONS.
CROSS-CONNECT	A FACILITY ENABLING THE TERMINATION OF CABLE ELEMENTS AND THEIR INTERCONNECTION OR CROSS-CONNECTION. (TIA)
CROSSTALK	UNWANTED TRANSFER OF SIGNAL FROM ONE OR MORE CIRCUITS TO OTHER CIRCUITS.
CUTOVER	THE PROCESS OF SWITCHING FROM OLD NETWORK COMPONENTS TO NEW NETWORK COMPONENTS.
DAISY-CHAIN TOPOLOGY	DEVICES ARE CONNECTED IN SERIES, ONE AFTER THE OTHER, AND THE TRANSMITTED SIGNALS GO TO THE FIRST DEVICES, THEN THE SECOND, ETC.
DATA	ELECTRONICALLY ENCODED INFORMATION. (TIA)
DATA COMMUNICATION	THE TRANSMISSION AND RECEPTION OF ELECTRONICALLY CODED INFORMATION.
DATA NETWORK	AN INTERCONNECTED SYSTEM OF COMPUTERS, PERIPHERALS, AND SOFTWARE OVER WHICH COMMANDS, FILES, AND MESSAGES ARE SENT AND RECEIVED.
DECIBEL (DB)	A LOGARITHMIC UNIT FOR MEASURING THE RELATIVE POWER OR STRENGTH OF A SIGNAL.
DELAY SKEW	THE DIFFERENCE IN PROPAGATION DELAY BETWEEN ANY TWO PAIRS WITHIN THE SAME CABLE SHEATH. (TIA)
DEMARCATION POINT (DP)	1. A POINT WHERE THE OPERATIONAL CONTROL OR OWNERSHIP CHANGES. (TIA) 2. THE POINT OF INTERFACE BETWEEN SERVICE PROVIDERS AND CUSTOMER FACILITIES.
DIELECTRIC	1. THE NONCONDUCTIVE PROPERTIES OF AN INSULATING MATERIAL THAT RESISTS THE PASSAGE OF ELECTRIC CURRENT. THE INSULATION SURROUNDING A COPPER CONDUCTOR IS KNOWN AS A DIELECTRIC. 2. A MATERIAL THAT IS NONMETALLIC AND NONCONDUCTIVE. 3. A NONCONDUCTOR OF DIRECT ELECTRIC CURRENT.
DIRECT-BURIED CABLE	A TELECOMMUNICATIONS CABLE DESIGNED TO BE INSTALLED UNDER THE SURFACE OF THE EARTH, IN DIRECT CONTACT WITH THE SOIL. (TIA)
ELECTROMAGNETIC INTERFERENCE (EMI)	RADIATED OR CONDUCTED ELECTROMAGNETIC ENERGY THAT HAS AN UNDESIRABLE EFFECT ON ELECTRONIC EQUIPMENT OR SIGNAL TRANSMISSIONS. (TIA)
EQUAL LEVEL FAR-END CROSSTALK (ELFEXT)	CROSSTALK MEASURED AT THE OPPOSITE END FROM WHICH THE DISTURBING SIGNAL IS TRANSMITTED, NORMALIZED BY THE ATTENUATION CONTRIBUTION OF THE CABLE OR CABLING.
FAR-END CROSSTALK (FEXT) LOSS	A MEASURE OF THE UNWANTED SIGNAL COUPLING FROM A TRANSMITTER AT THE NEAR END INTO ANOTHER PAIR MEASURED AT THE FAR END, AND RELATIVE TO THE TRANSMITTED SIGNAL LEVEL. ALSO CALLED INPUT/OUTPUT FAR END CROSSTALK LOSS. (TIA)
FAULT TOLERANCE	THE ABILITY OF A SYSTEM TO CONTINUE OPERATIONS AFTER THE FAILURE OF ONE OR MORE COMPONENTS.
FIBER OPTICS	A COMMUNICATION SYSTEM THAT USES OPTICAL FIBER AS ITS MEDIUM.
GIGABIT PER SECOND (GB/S)	A TRANSMISSION RATE DENOTING ONE BILLION BITS PER SECOND.
GIGAHERTZ (GHZ)	A UNIT OF FREQUENCY DENOTING ONE BILLION CYCLES PER SECOND (HERTZ).
HERTZ (HZ)	1. A UNIT OF MEASURE USED TO EXPRESS THE RANGE OF FREQUENCIES ASSOCIATED WITH A GIVEN SIGNAL OR COMMUNICATIONS CHANNEL. THIS RANGE IS ALSO CALLED BANDWIDTH. 2. A UNIT OF FREQUENCY EQUAL TO ONE CYCLE PER SECOND.
HOME RUN	A PATHWAY OR CABLE BETWEEN TWO LOCATIONS WITHOUT A SPLICE OR INTERMEDIATE TERMINATIONS POINTS IN BETWEEN.
HORIZONTAL CABLE	1. A PERMANENT ELEMENT OF THE HORIZONTAL CABLING THAT CONNECTS THE TELECOMMUNICATIONS OUTLET/CONNECTOR AT THE WORK AREA AND THE FIRST PIECE OF CONNECTING HARDWARE IN THE HORIZONTAL OR MAIN CROSS-CONNECT. 2. FOUR PAIR 24 AWG UNSHIELDED TWISTED PAIR (UTP).
HORIZONTAL CROSS-CONNECT	A GROUP OF CONNECTORS THAT ALLOWS EQUIPMENT AND BACKBONE CABLING TO BE CROSS-CONNECTED.
INNERDUCT	A NONMETALLIC RACEWAY, USUALLY CIRCULAR, PLACED WITHIN A LARGER PATHWAY. (TIA)
INTERMEDIATE CROSS-CONNECT (IC)	THE CONNECTION POINT BETWEEN A BACKBONE CABLE THAT EXTENDS FROM THE MAIN CROSS-CONNECT AND THE BACKBONE CABLE FROM THE HORIZONTAL CROSS-CONNECT.
LATENCY	THE TIME IT TAKES FOR A SIGNAL TO PASS THROUGH A DEVICE OR NETWORK.
LOW-VOLTAGE CABLING/CABLING SYSTEM	TELECOMMUNICATIONS SIGNALING (INCLUDES BUILDING AUTOMATION SIGNALING) VOLTAGE LEVELS ARE TYPICALLY POWER-LIMITED WHEN COMPARED TO ELECTRICAL POWER CIRCUITS THAT CAN VARY FROM 100 VOLTS ALTERNATING CURRENT (AC) TO 240 VOLTS AC IN COMMERCIAL BUILDINGS. CIRCUITS TYPICALLY USE AN INHERENTLY LIMITED POWER SOURCE WITHOUT OVER-CURRENT PROTECTION OR A NONINHERENTLY LIMITED POWER SOURCE WHERE OVERCURRENT PROTECTION IS REQUIRED. SINCE TELECOMMUNICATIONS CABLING SYSTEMS ARE NOT USED TO DISTRIBUTE ELECTRICAL POWER, THE SIGNALING THAT OCCURS ON THESE COPPER-BASED SYSTEMS IS GENERALLY DESCRIBED AS LOW VOLTAGE.
MAIN CROSS-CONNECT (MC)	THE CROSS-CONNECT NORMALLY LOCATED IN THE (MAIN) TELECOMMUNICATIONS EQUIPMENT ROOM (ER) FOR CROSS-CONNECTION AND INTERCONNECTION OF ENTRANCE CABLES, FIRST-LEVEL BACKBONE CABLES, AND EQUIPMENT CABLES.
NEAR-END CROSSTALK (NEXT) LOSS	1. THE UNWANTED SIGNAL COUPLING BETWEEN PAIRS. IT IS MEASURED AT THE END OF A CABLE NEAREST THE POINT OF TRANSMISSION. CONTRAST WITH FAR-END CROSSTALK. 2. THE SIGNAL TRANSFER BETWEEN CIRCUITS AT THE SAME (NEAR) END OF THE CABLE.
NETWORK	A GROUP OF THREE OR MORE NODES THAT CAN COMMUNICATE WITH EACH OTHER, EITHER DIRECTLY THROUGH CABLING OR INDIRECTLY THROUGH REPEATERS TO SEPARATE CABLING.
OUTSIDE PLANT (OSP)	TELECOMMUNICATIONS INFRASTRUCTURE DESIGNED FOR INSTALLATION EXTERIOR TO BUILDINGS.
PAIR	TWO INSULATED WIRES TWISTED AROUND EACH OTHER.
PAIR TWIST	THE UNIFORM TWIST OF AN INSULATED COPPER PAIR THAT HELPS TO REDUCE THE NEGATIVE EFFECTS OF CAPACITANCE IMBALANCE AND ELECTROMAGNETIC INDUCTION.
PATCH CORD	A LENGTH OF CABLE WITH A PLUG ON ONE OR BOTH ENDS.
PATCH PANEL	A CONNECTING HARDWARE SYSTEM THAT FACILITATES CABLE TERMINATION AND CABLING ADMINISTRATION USING PATCH CORDS.
PATHWAY	1. A SEQUENCE OF CONNECTIONS THAT PROVIDES THE CONNECTIVITY BETWEEN DEVICES ON A NETWORK OR BETWEEN NETWORKS ON AN INTERNETWORK. 2. THE VERTICAL AND HORIZONTAL ROUTE OF THE TELECOMMUNICATIONS CABLE. 3. A FACILITY FOR THE PLACEMENT OF TELECOMMUNICATIONS CABLE. (TIA) 3. A FACILITY FOR THE PLACEMENT OF TELECOMMUNICATIONS CABLE. (TIA)
POWER SUM	USED TO SPECIFY A COMBINATION CROSSTALK FROM MULTIPLE SOURCES.
POWER SUM ATTENUATION-TO-CROSSTALK RATIO	A RATIO IN DB, DETERMINED BY SUBTRACTING THE INSERTION LOSS FROM TH EPOWER SUM NEAR-END CROSSTALK LOSS. (TIA)
POWER SUM EQUAL LEVEL FAR-END CROSSTALK (PSELFEXT)	A COMPUTATION OF THE UNWANTED SIGNAL COUPLING FROM MULTIPLE TRANSMITTERS AT THE NEAR-END INTO A PAIR MEASURED AT THE FAR-END, AND NORMALIZED TO THE RECEIVED SIGNAL LEVEL. (TIA)
POWER SUM NEAR-END CROSSTALK (PSNEXT) LOSS	A COMPUTATION OF THE UNWANTED SIGNAL COUPLING FROM MULTIPLE TRANSMITTERS AT THE NEAR-END INTO A PAIR MEASURED AT THE NEAR-END. (TIA)
PULL TENSION	THE PULLING FORCE THAT CAN BE APPLIED TO A CABLE. (TIA)
PUNCH DOWN	THE PROCESS OF TERMINATING COPPER CABLE CONDUCTORS ON INSULATION DISPLACEMENT CONNECTION TERMINALS BY USE OF A HANDHELD TOOL.
QUEUING	A TECHNIQUE THAT REDUCES TRANSMISSION DELAYS BY CLASSIFYING AND SORTING DATA PRIOR TO PROCESSING BY THE TRANSMITTING DEVICE.
RACEWAY	ANY ENCLOSED CHANNEL DESIGNED FOR HOLDING WIRES OR CABLES. (TIA)
RADIO FREQUENCY INTERFERENCE	ELECTROMAGNETIC INTERFERENCE WITHIN THE FREQUENCY BAND FOR RADIO TRANSMISSION.
RETURN LOSS	A RATIO, EXPRESSED IN DB, OF THE POWER OF THE OUTGOING SIGNAL TO THE POWER OF THE REFLECTED SIGNAL. (TIA)
REVERSED PAIR	A CONDITION IN WHICH THE CONDUCTORS IN A PAIR ARE TERMINATED IN THE WRONG SEQUENCE.
RIBBON CABLE	AN ASSEMBLY OF CONDUCTORS LAID SIDE BY SIDE IN A GEOMETRIC PLANE AND FASTENED TOGETHER.
SCALABILITY	THE ABILITY OF A NETWORK TO GROW WITHOUT DEGRADATION OF QUALITY.
SERVICE LOOP	A SURPLUS OF CABLE AT THE POINT OF TERMINATION TO FACILITATE POTENTIAL FUTURE CHANGES.
SHIELDED ENCLOSURE CABINET	A METAL ELECTRONICS CABINET CONSTRUCTED WITH WELDED SEAMS AND CONDUCTIVE GASKETS ON THE DOORS THAT SERVE AS AN EFFECTIVE SHIELD AGAINST ELECTROMAGNETIC RADIATION.
SPLIT PAIR	TRANSPOSITION OF TWO CONDUCTORS OF SEPARATE PAIRS.
STAR TOPOLOGY	A NETWORK TOPOLOGY IN WHICH SERVICES ARE DISTRIBUTED FROM A CENTRAL POINT.
STRUCTURED CABLING SYSTEM	THE COMPLETE COLLECTIVE CONFIGURATION OF TELECOMMUNICATIONS CABLING AND ASSOCIATED HARDWARE AT A GIVEN LOCATION.
SWEEP	BEND THAT HAS A GENTLE ARC RATHER THAN A SHARP BEND.

DEFINITIONS (CONTINUED)

TELECOMMUNICATIONS	ANY TRANSMISSION, EMISSION, AND RECEPTION OF SIGNS, SIGNALS, WRITINGS, IMAGES, AND SOUNDS, THAT IS, INFORMATION OF ANY NATURE BY CABLE, RADIO, OPTICAL, OR OTHER ELECTROMAGNETIC SYSTEMS. (TIA)
TELECOMMUNICATIONS BONDING BACKBONE	A CONDUCTOR THAT INTERCONNECTS THE TELECOMMUNICATIONS MAIN GROUNDING BUSBAR (TMGB) TO THE TELECOMMUNICATIONS GROUNDING BUSBAR (TGB). (TIA)
TELECOMMUNICATIONS EQUIPMENT BONDING CONDUCTOR	A CONDUCTOR INSTALLED FROM EACH PIECE OF EQUIPMENT TO THE TELECOMMUNICATIONS GROUNDING BUSBAR OR TELECOMMUNICATIONS MAIN GROUNDING BUSBAR.
TELECOMMUNICATIONS CABINET	AN ENCLOSURE USED FOR TERMINATING TELECOMMUNICATIONS CABLES, WIRING, AND CONNECTION DEVICES WITH A HINGED COVER, USUALLY FLUSH-MOUNTED IN THE WALL. (TIA)
TELECOMMUNICATIONS ENCLOSURE	A CASE OR HOUSING FOR TELECOMMUNICATIONS EQUIPMENT, CABLE TERMINATIONS, AND CROSS-CONNECT CABLING. (TIA)
TELECOMMUNICATIONS ENTRANCE FACILITY	1. AN ENTRANCE TO A BUILDING FOR BOTH PUBLIC AND PRIVATE NETWORK SERVICE CABLES (INCLUDING WIRELESS) INCLUDING THE ENTRANCE POINT AT THE BUILDING WALL AND CONTINUING TO THE ENTRANCE ROOM OR SPACE. (TIA) 2. A FACILITY THAT PROVIDES ALL NECESSARY MECHANICAL AND ELECTRICAL SERVICES, THAT COMPLIES WITH ALL RELEVANT REGULATIONS, FOR THE ENTRY OF TELECOMMUNICATIONS CABLES INTO A BUILDING. (ISO)
TELECOMMUNICATIONS EQUIPMENT ROOM	AN ENVIRONMENTALLY CONTROLLED CENTRALIZED SPACE FOR TELECOMMUNICATIONS EQUIPMENT THAT USUALLY HOUSES A MAIN OR INTERMEDIATE CROSS-CONNECT. (TIA)
TELECOMMUNICATIONS GROUNDING BUSBAR	A COMMON POINT OF CONNECTION FOR TELECOMMUNICATIONS SYSTEM AND EQUIPMENT BONDING TO GROUND, AND LOCATED IN THE TELECOMMUNICATIONS ROOM OR EQUIPMENT ROOM.
TELECOMMUNICATIONS INFRASTRUCTURE	A COLLECTION OF THOSE TELECOMMUNICATIONS COMPONENTS, EXCLUDING EQUIPMENT, THAT TOGETHER PROVIDE THE BASIC SUPPORT FOR THE DISTRIBUTION OF ALL INFORMATION WITHIN A BUILDING OR CAMPUS.
TELECOMMUNICATIONS MAINTENANCE HOLE	A VAULT LOCATED IN THE GROUND OR EARTH AS PART OF A UNDERGROUND DUCT SYSTEM AND USED TO FACILITY PLACING, CONNECTORIZATION, AND MAINTENANCE OF CABLES AS WELL AS THE PLACING OF ASSOCIATED EQUIPMENT, IN WHICH IT IS EXPECTED THAT A PERSON WILL ENTER TO PERFORM WORK. (TIA)
TELECOMMUNICATIONS MEDIA	WIRE, CABLE, OR CONDUCTORS USED FOR TELECOMMUNICATIONS. (TIA)
TELECOMMUNICATIONS OUTLET/CONNECTOR	A CONNECTING DEVICE IN THE WORK AREA ON WHICH HORIZONTAL CABLE OR OUTLET CABLE TERMINATES.
TELECOMMUNICATION ROOM	AN ENCLOSED ARCHITECTURAL SPACE FOR HOUSING TELECOMMUNICATIONS EQUIPMENT, CABLE TERMINATIONS, AND CROSS-CONNECT CABLING. (TIA)
TELECOMMUNICATIONS SPACE	AN AREA USED FOR HOUSING THE INSTALLATION AND TERMINATION OF TELECOMMUNICATIONS EQUIPMENT AND CABLE (E.G., COMMON EQUIPMENT ROOMS, EQUIPMENT ROOMS, COMMON TELECOMMUNICATIONS ROOMS, TELECOMMUNICATIONS ROOMS, WORK AREAS, MAINTENANCE HOLES/HANDHOLES). (TIA)
TRANSPOSED PAIRS	WHEN TWO PAIRS OF CONDUCTORS ARE TERMINATED IN EACH OTHER'S LOCATION.
UNDERGROUND	REFERS TO CONDUIT AND MAINTENANCE HOLES SYSTEMS INSTALLED BELOW THE SURFACE OF THE GROUND.
UNDERGROUND CABLE	A TELECOMMUNICATIONS CABLE DESIGNED TO BE INSTALLED UNDER THE SURFACE OF THE EARTH IN A TROUGH OR DUCT THAT ISOLATES THE CABLE FROM DIRECT CONTACT WITH THE SOIL. (TIA)
UTILITY COLUMN	AN ENCLOSED PATHWAY EXTENDING FROM THE CEILING TO FURNITURE OR TO THE FLOOR THAT FORMS A PATHWAY FOR ELECTRICAL WIRING, TELECOMMUNICATIONS CABLE, OR BOTH. (TIA)
WORK AREA (WORK STATION)	A BUILDING SPACE WHERE THE OCCUPANTS INTERACT WITH TELECOMMUNICATIONS TERMINAL EQUIPMENT. (TIA)
WORK AREA CABLE (CORD)	A CABLE CONNECTING THE TELECOMMUNICATIONS OUTLET/CONNECTOR TO THE TERMINAL EQUIPMENT.
WORK AREA OUTLET	A CONNECTING DEVICE FOR TERMINATION OF HORIZONTAL MEDIA.

ABBREVIATIONS

ACR	ATTENUATION-TO-CROSSTALK RATIO		
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	MC	MAIN CROSS-CONNECT
AWG	AMERICAN WIRE GAUGE	MH	TELECOMMUNICATIONS MAINTENANCE HOLE
		MHZ	MEGAHERTZ
BAS	BUILDING AUTOMATION SYSTEM	MUTO	MULTI-USER TELECOMMUNICATIONS OUTLET
BC	BONDING CONDUCTOR	MUTOA	MULTI-USER TELECOMMUNICATIONS OUTLET ASSEMBLY
BCT	BONDING CONDUCTOR FOR TELECOMMUNICATIONS		
BICSI	BUILDING INDUSTRY CONSULTING SERVICE INTERNATIONAL	NOS	NETWORK OPERATING SYSTEM
		NEC	NATIONAL ELECTRIC CODE
CO-OSP	CUSTOMER-OWNED OUTSIDE PLANT	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
		NTS	NETWORK TRANSPORT SYSTEMS
DB	DECIBEL		
DEMARC	DEMARCATION POINT	OS	OPERATING SYSTEM
DPS	DOOR POSITION SWITCH		
		PSACR	POWER SUM ATTENUATION TO CROSSTALK RATIO
EAC	ELECTRONIC ACCESS CONTROL	PSELFEXT	POWER SUM EQUAL LEVEL FAR-END CROSSTALK
EF	ENTRANCE FACILITY		
EIA	ELECTRONIC INDUSTRIES ALLIANCE	QOS	QUALITY-OF-SERVICE
EMI	ELECTROMAGNETIC INTERFERENCE		
ER	TELECOMMUNICATIONS EQUIPMENT ROOM	RCDD	REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
		RFI	RADIO FREQUENCY INTERFERENCE
FCC	FEDERAL COMMUNICATIONS COMMISSION	RFID	RADIO FREQUENCY IDENTIFICATION
		RGB	RED, GREEN, BLUE
GB	GIGABIT		
GHZ	GIGAHERTZ	SONET	SYNCHRONOUS OPTICAL NETWORK
		SPOOL	SIMULTANEOUS PERIPHERAL OPERATION ONLINE
HC	HORIZONTAL CROSS-CONNECT		
HZ	HERTZ	TBB	TELECOMMUNICATIONS BONDING BACKBONE
		TDMM	TELECOMMUNICATIONS DISTRIBUTION METHODS MANUAL
IBC	INTERCONNECTING BONDING CONDUCTOR	TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
IC	INTERMEDIATE CROSS-CONNECT	TIA	TELECOMMUNICATIONS INDUSTRY ASSOCIATION
IDC	INSULATION DISPLACEMENT CONNECTION (OR)	TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC	TR	TELECOMMUNICATIONS ROOM
KB	KILOBIT	UTP	UNSHIELDED TWISTED PAIR
KB	KILOBYTE		
KHZ	KILOHERTZ	VCSEL	VERTICAL CAVITY SURFACE EMITTING LASER
KM	KILOMETER	VGA	VIDEO GRAPHICS ARRAY
		VOD	VIDEO-ON-DEMAND
LAN	LOCAL AREA NETWORK	VOIP	VOICE OVER INTERNET PROTOCOL
LASER	LIGHT AMPLIFICATION BY STIMULATED EMISSION OF RADIATION		
LEC	LOCAL EXCHANGE CARRIER	WAP	WIRELESS ACCESS POINT
LED	LIGHT-EMITTING DIODE	WLAN	WIRELESS LOCAL AREA NETWORK
MB	MEGABIT	X	CROSS-CONNECT

	CONTRACTOR FURNISH	CONTRACTOR INSTALL	OWNER FURNISH	OWNER INSTALL
AV MONITOR PATCH CABLES		•	•	
AV MONITORS		•	•	
AV MOUNTS		•	•	
AV PROJECTOR CEILING PAN TRAY				
AV PROJECTOR MANUAL SCREENS				
AV PROJECTOR MOTORIZED SCREENS	•	•		
AV PROJECTORS	•	•		
AV PROJECTORS MISC. CABLING (IN WALL)	•	•		
AV PROJECTORS MOUNTS	•	•		
ACCESS CONTROL CABLING	•	•		
ACCESS CONTROL HARDWARE	•	•		
CABLE/LADDER TRAY	•	•		
CLASSROOM SOUND REINFORCEMENT BOXES/CONDUIT/CABLING	•	•		
CLASSROOM SOUND REINFORCEMENT EQUIPMENT	•	•		
CLASSROOM PRESENTATION CAMERAS				
CLOCKS				
COPPER HORIZONTAL CABLING	•	•		
COPPER HORIZONTAL CABLING TERMINATION AND TESTING	•	•		
FIBER BACKBONE	•	•		
FIBER CONNECTORS	•	•		
FIBER TERMINATION AND TESTING	•	•		
J HOOKS	•	•		
PAGING CABLING - Cat6a	•	•		
PAGING EQUIPMENT	•	•		
PATCH CABLES	•	•		
PATCH PANELS		•	•	
RACKS	•	•		
SOUND SYSTEM(S) AND ACCESSORIES	•	•		
SURVEILLANCE CAMERA	•	•		
SURVEILLANCE CAMERA CABLING	•	•		
SURVEILLANCE CAMERA MOUNTS	•	•		
SWITCHES		•	•	
UPS		•	•	
WIRELESS ACCESS POINTS ENCLOSURES / MOUNTS		•	•	
WIRELESS ACCESS POINTS		•	•	
WIRELESS ACCESS POINTS CABLING	•	•		

TECHNOLOGY LEGEND & SYMBOLS

TELECOMMUNICATIONS SYSTEM

Symbol	Description		OUTLET INFORMATION	MOUNTING HEIGHT	NOTES
X	COMMUNICATIONS OUTLET. TYPICAL 2 (TWO) CAT6A CABLES INDICATED WITH C-x, X=THE QUANTITY OF COMM HORIZONTAL CABLES IN ADDITION TO OTHER CABLES NOTED.	ROUGH-IN CABLING DEVICE	(2) C, (1) 2 GANG BOX	+16" A.F.F.	
W	COMMUNICATIONS OUTLET FOR PHONE TYPICAL 1 (ONE) CAT6A CABLES INDICATED WITH C-x, X=THE QUANTITY OF COMM HORIZONTAL CABLES	ROUGH-IN CABLING DEVICE	(1) C, (1) 1 GANG BOX	+44" A.F.F.	
SR	SOUND REINFORCEMENT OUTLET. WALL PLATE PROVIDE RUBBER GROMMET	ROUGH-IN CABLING DEVICE	2 GANG BOX	+48" A.F.F.	
VI	VIDEO INPUT OUTLET. TYPICAL 1 (ONE) CAT6A CABLE INDICATED WITH C-X, X=THE QUANTITY OF COMM HORIZONTAL CABLES IN ADDITION TO OTHER CABLES	ROUGH-IN CABLING DEVICE	(2) C, (1) 2 GANG BOX	+16" A.F.F.	
V	VAPE DETECTOR	ROUGH-IN CABLING DEVICE		CEILING MOUNTED SEE RCP	
W	CEILING MOUNTED WIRELESS ACCESS POINT LOCATION. PROVIDE CATEGORY 6A DATA DROPS FOR WIRELESS ACCESS POINTS. PROVIDE 20 FEET SLACK LOOP COILED NEATLY AND SUPPORTED ABOVE THE CEILING. WHEN INDICATED WITH C-x, x = THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING.	CABLING DEVICE	- -	CEILING MOUNTED SEE RCP	TERMINATE CABLES WITH RJ45 MODULAR JACKS AND TEST PER SPECS. NOTE LOCATION ON DRAWINGS AND MARK LOCATION ON GRID WITH BLUE DOT. SLACK LOOP UNNECESSARY FOR LOCATIONS IN CONDUIT SUCH AS GYMS.
W	WALL MOUNTED WIRELESS ACCESS POINT LOCATION. PROVIDE CATEGORY 6A DATA DROPS FOR WIRELESS ACCESS POINTS. PROVIDE 20 FEET SLACK LOOP COILED NEATLY AND SUPPORTED ABOVE THE CEILING. WHEN INDICATED WITH C-x, x = THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING.	ROUGH-IN CABLING DEVICE	(1) C, (1) SINGLE GANG BOX	+96" A.F.F. WALL MTD.	TERMINATE CABLES WITH RJ45 MODULAR JACKS AND TEST PER SPECS. NOTE LOCATION ON DRAWINGS AND MARK LOCATION ON GRID WITH BLUE DOT. SLACK LOOP UNNECESSARY FOR LOCATIONS IN CONDUIT SUCH AS GYMS.
	MULTI CAPACITY FLOOR BOX. WHEN INDICATED WITH C-X, X=THE QUANTITY OF COMM HORIZONTAL CABLING, IN ADDITION TO OTHER CABLES NOTED.				
MON	WALL MOUNTED MONITOR. TYPICAL 2 (TWO) CAT 6A CABLES. WHEN INDICATED WITH C-x, x = THE # OF COMM HORIZONTAL CABLING, IN ADDITION TO OTHER CABLES NOTED.			+60" A.F.F. UNLESS NOTED	VERIFY CABLING NEEDED ON WALLPLATE DETALS
	CONDUIT SLEEVES BETWEEN WALLS				PROVIDED BY DIV 26. CONFIRM LOCATIONS
	18" BASKET TRAY				
	CABLE TRAY	- -	- -		- -
	TELECOMMUNICATIONS CABINET	- -	- -	FLOOR MOUNTED	- -
	4-POST TECHNOLOGY EQUIPMENT RACK	- -	- -	FLOOR MOUNTED	- -
	2-POST TECHNOLOGY EQUIPMENT RACK	- -	- -	FLOOR MOUNTED	

SOUND SYSTEMS

Symbol	Description	SCOPE OF WORK	ROUGH-IN INFORMATION	MOUNTING HEIGHT	NOTES
IC	INTERCOM SPEAKER (CEILING MOUNTED)	CABLING DEVICE	(1) C, (1) SINGLE GANG BOX	CEILING MOUNTED SEE RCP	ALGO 8198 IP CEILING SPEAKER WITH ALGO 8138 IP COLOR VISUAL ALERTER
IC	INTERCOM SPEAKER (WALL MOUNTED) CLASSROOMS AND OFFICE AREAS	ROUGH-IN CABLING DEVICE	(1) C, (1) SINGLE GANG BOX	+96" A.F.F. WALL MTD.	ALGO 8410 IP DISPLAY SPEAKER VERIFY WITH KEYNOTES
IC	INTERCOM SPEAKER (WALL MOUNTED) HALLWAYS	ROUGH-IN CABLING DEVICE	(1) C, (1) SINGLE GANG BOX	+96" A.F.F. WALL MTD.	ALGO 8420 IP DUAL SIDED DISPLAY SPEAKER VERIFY WITH KEYNOTES
IC	INTERCOM SPEAKER HORN (WALL MOUNTED)	ROUGH-IN CABLING DEVICE	(1) C, (1) SINGLE GANG BOX	+96" A.F.F. WALL MTD.	ALGO 8196 IP HORN SPEAKER
IC	INTERCOM SPEAKER HORN (WALL MOUNTED) OUTSIDE	ROUGH-IN CABLING DEVICE	(1) C, (1) SINGLE GANG BOX	+120" A.F.G. WALL MTD.	ALGO 8196 IP HORN SPEAKER INSTALLED WITH WEATHER PROOF SEALANT TO PROTECT WIRING
M	MICROPHONE OUTLET (# INDICATES JACK QTY.)	ROUGH-IN CABLING DEVICE	(1) C, (1) SINGLE GANG BOX		- -
VC	VOLUME CONTROL	ROUGH-IN CABLING DEVICE	(1) C, (1) SINGLE GANG BOX	+48" A.F.F. WALL MTD.	ALGO 1204 VOLUME CONTROL
S	LOCAL SOUND REINFORCEMENT SPEAKER (CEILING MOUNTED)	CABLING DEVICE	- -	CEILING MOUNTED SEE RCP	- -
					- -

SECURITY SYSTEMS

Symbol	Description	SCOPE OF WORK	OUTLET INFORMATION	MOUNTING HEIGHT	NOTES
CAM	SURVEILLANCE CAMERA (CEILING MOUNTED)	CABLING DEVICE	- -	ABOVE ACCESSIBLE CEILING	- -
CAM	SURVEILLANCE CAMERA (WALL MOUNTED)	ROUGH-IN CABLING DEVICE	(1) C, (1) SINGLE GANG BOX	+96" A.F.F. WALL MTD.	- -
CR	CARD READER	ROUGH-IN CABLING DEVICE	(1) C, (1) SINGLE GANG BOX	+48" A.F.F. WALL MTD.	- -
EL	ELECTRONIC LATCH SET WITH ELECTRONIC POWER TRANSFER				
ACP	ACCESS CONTROL PANEL	ROUGH-IN CABLING DEVICE	(1) C, (1) SINGLE GANG BOX	+48" A.F.F. WALL MTD.	- -
J	CEILING MOUNTED DOOR ACCESS CONTROLLER JUNCTION BOX.				
MI	MASTER INTERCOM				
IC	INTERCOM BOX				
PTR	PUSH TO RELEASE BUTTON				
LD	LOCKDOWN BUTTON				

INTRUSION DETECTION SYSTEMS

Symbol	Description		ROUGH-IN INFORMATION	MOUNTING HEIGHT	NOTES
DC	DOOR CONTACT ROUGH-IN	ROUGH-IN CABLING DEVICE	(1) C, (1) SINGLE GANG BOX	CEILING MOUNTED SEE RCP	- -
K	KEYPAD	ROUGH-IN CABLING DEVICE	(1) C, (1) SINGLE GANG BOX	+96" A.F.F. WALL MTD.	- -

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The New Wallace Aylesworth Middle School

5910 Central Ave., Portage, Indiana 46368

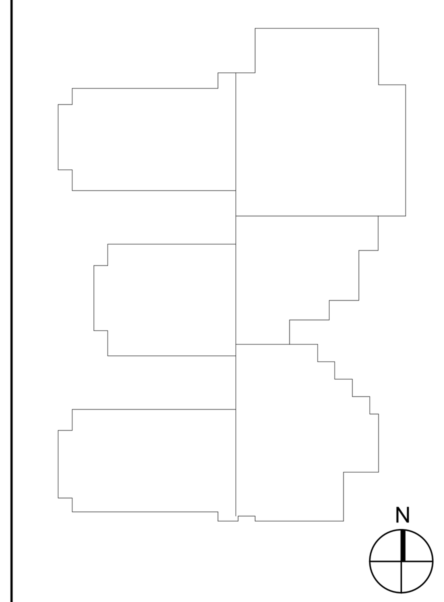
PORTAGE TOWNSHIP SCHOOLS

PORTAGE TOWNSHIP SCHOOLS

ARCHITECT

FANNING HOWEY

317-848-0966 WWW.FHAI.COM
350 E. New York St. Suite 300, Indianapolis, Indiana 46204



Construction Documents

BRIAN W. BUTLER REGISTERED No. PE 11600305 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS
DRAWN BY: JJR
PROJECT NUMBER: 223047.01
PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE

TECHNOLOGY SYMBOLS & ABBREVIATIONS

T-001

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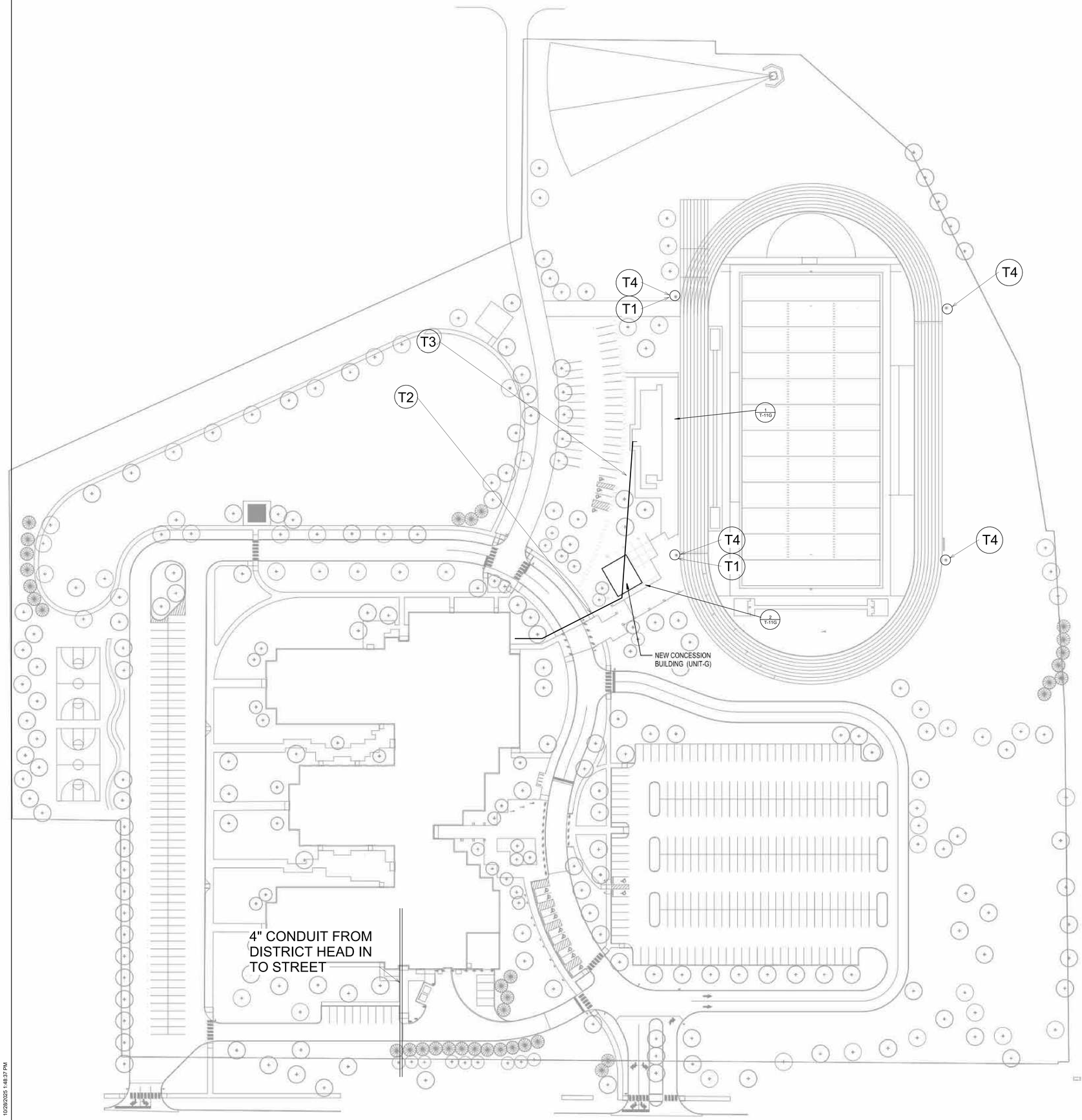

T1. LOUD SPEAKERS ON EXTERIOR ATHLETIC LIGHTING POLE. PROVIDE ADEQUATE FOOTBALL STADIUM COVERAGE. FINAL LOCATION AND INSTALLATION REQUIREMENTS FOR FOUNDATION, POLE AND AUDIO EQUIPMENT PER A/E APPROVED DELEGATED DESIGN SHOP DRAWING SUBMITTAL. COORDINATE CONDUIT/ROUTING REQUIREMENTS OF OTHER SYSTEMS CONDUITS TO BE ROUTED UP IN POLE FOR OTHER SYSTEMS COMPONENTS. MOUNTED ON POLE WITH OTHER TRADES AS REQUIRED PRIOR TO INSTALLATION.

T2. PROVIDE ONE (1) 2" SCHEDULE 80 PVC CONDUITS AT A MINIMUM 15" DEEP DIRECT BURIED FROM MDF/IDF IN NEW MIDDLE SCHOOL TO CONCESSION BUILDING.STUB UP INTO CONCESSION S BUILDING TECH RACK. PROVIDE 6 STRAND OSP SINGLE MODE FIBER OPTIC CABLE

T3. PROVIDE ONE (1) 2" SCHEDULE 80 PVC CONDUITS AT A MINIMUM 15" DEEP DIRECT BURIED FROM CONCESSION BUILDING STUB OUT TO PRESSBOX PROVIDE 6 STRAND OSP SINGLE MODE FIBER OPTIC CABLE

T4. LIGHTPOLE CAMERAS MOUNTED 5 FT BELOW SPEAKERS TO PROVIDE ADEQUATE COVERAGE CAMERA HANWHA XNV-A9084R

The New Wallace Aylesworth Middle School

5910 Central Ave., Portage, Indiana 46368

PORTAGE TOWNSHIP SCHOOLS

PORTAGE TOWNSHIP SCHOOLS

ARCHITECT

FANNING HOWEY

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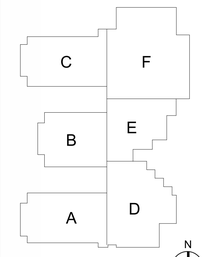
350 E. New York St. Suite 300, Indianapolis, Indiana 46204



KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE

TECHNOLOGY SITE PLAN

TS101

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A D D E N D U M N O. 2

The New Wallace Aylesworth Middle School

Portage Township School
Portage, Indiana

Project No. 223047.01

Index of Contents

Addendum No. 2, 14 items, 5 pages
Revised Project Manual Sections: 32 18 13 – Synthetic Grass Surfacing
New Drawing Sheets: C310 – Overall Site Drainage Details, S-303 – Cladding Elevations, and S-526 – Steel Framing Details
Revised Drawing Sheets: C001, C100, C200, C300, C301, C302, C303, C304, C400, C401, C402, C403,C404, C410, C500,C501, C502, C503, C504, C505, C506, C511, C512, C513, C600, C601, C602, C603, C604, C605, C606, C607, C608, S-001, S-003, S-007, S-008, S-10A, S-10B, S-10C, S-10D, S-10E, S-10F, S-11A, S-11B, S-11C, S-11D, S-11E, S-11F, S-12A, S-12B, S-12C, S-12D, S-12E, S-12F, S-13A, S-13B, S-13C, S-13D, S-13E, S-13F, S-101, S-405, S-406, S-502, S-503, S-504, S-505, S-510, S-521, S-522, S-523, S-524, S-525, A-11A, A-11B, A-11C, A-11E, A-11F, A-12B, A-12C, A-12F, AC11B, AR102, A-202, A-304, A-305, A-307, A-411, A-412, A-413, A-414, A-602, A-604, A-605, PF10A, PF10B, PF10C, PF10D, PF10E, PF10F, PL11A, PL11D, PL11F, PL12D, PL12E, PL12F, P-304, P-306, P-401, P-403, P-404, P-501, ET11A, ET11B, ET11C, ET11D, ET11E, ET11F, ET11G, ET12A, ET12B, ET12C, ET12D, ET12E, ET12F, EL11A, EL11B, EL11C, EL11D, EL11E, EL11F, EL12A, EL12B, EL12C, EL12D, EL12E, EL12F, EP11A, EP11B, EP11C, EP11D, EP11E, EP11F, EP12A, EP12B, EP12C, EP12E, EP12F, EF11A, EF11D, EF11E, E-402, E-403, TS101, T-103, T-104, T-11A, T-11B, T-11C, T-11D, T-11E, T-11F, T-11G, T-12A, T-12B, T-12C, T-12D, T-12E, T-12F, and T-501

Date: November 11, 2025

I hereby certify that this Addendum was prepared by me or under my direct supervision and that I am a duly registered Architect/Engineer under the Laws of the State of Indiana.

FANNING/HOWEY ASSOCIATES, INC.
ARCHITECTS/ENGINEERS/CONSULTANTS

Paul A. Miller, License No. AR10800161
Expiration Date: 12/31/2025

TO: ALL BIDDERS OF RECORD

ADDENDUM NO. 2 to Drawings and Project Manual, dated October 28, 2025, for The New Wallace Aylesworth Middle School for Portage Township Schools, 6240 US Highway 6, Portage, Indiana 46368; as prepared by Fanning/Howey Associates, Inc., Indianapolis, Indiana.
This Addendum shall hereby be and become a part of the Contract Documents the same as if originally bound thereto.

The following clarifications, amendments, additions, revisions, changes, and modifications change the original Contract Documents only in the amount and to the extent hereinafter specified in this Addendum.

Each bidder shall acknowledge receipt of this Addendum in his proposal or bid.

NOTE: Bidders are responsible for becoming familiar with every item of this Addendum. (This includes miscellaneous items at the very end of this Addendum.)

RE: ALL BIDDERS

ITEM NO. 1. REVISED PROJECT MANUAL SECTION

A. Project Manual Section 32 18 13 – Synthetic Grass Surfacing has been revised, dated 11/11/25, and is included with and hereby made a part of this Addendum.

ITEM NO. 2. PROJECT MANUAL, SECTION 00 20 00 – AVAILABLE PROJECT INFORMATION

A. Add 1.1, C., and D., as follows:

"C. Because subsurface conditions indicated by the soils borings are a sampling in relation to the entire construction area, and for other reasons, the Owner, the A/E, the A/E's consultants, and the firm reporting the subsurface conditions do not warranty the conditions below the depths of the borings or that the strata logged from the borings are necessarily typical of the entire site. Any party using the information described in the soil borings and geotechnical report shall accept full responsibility for its use.

D. The Soils Exploration Report and Soil Boring Logs were prepared for the Owner by Alt & Witzig Engineering, Inc., 1418 86th Place, Merrillville, Indiana, 46410 for use in design. The following Subsurface Investigation Report is not a part of the construction Contract Documents and is enclosed within this document for informational use only.
   1. The opinions expressed in this report are those of a geotechnical engineer and represent interpretations of subsoil conditions, tests, and results of analyses conducted by geotechnical engineer.
   2. The enclosed report and Log of Borings, and any interpolations of conditions between test borings is not a warrant or guarantee by the Owner or Architect/Engineer of subsurface conditions.
   3. The Contractor should visit the site and acquaint himself with all existing conditions. Prior to bidding, bidders may make their own subsurface investigations to satisfy themselves as to the site and subsurface conditions, but such subsurface investigations shall be performed only under the time schedules and arrangements approved in advance by the Owner. Any additional information, needed by the Contractor, shall be obtained by the Contractor at no cost to the Owner.
   4. Structural design has been based on the report and assumes that existing soils are clean and can be compacted and will achieve the densities specified in the earthwork section. It shall be the Contractor's responsibility to determine for himself existing Site and or soil conditions."

ITEM NO. 3. PROJECT MANUAL, SECTION 04 20 00 – UNIT MASONRY

A. Add 2.4, D., 7., and 8., as follows:

"7. Size: Nominal 8 inches high x 16 inches long x by 8 inches deep and 4 inches deep.
8. Finish: Provide ground face surface on exposed face of unit and exposed end of unit where required."

B. Add 2.6, A., 1., a., as follows:

"a. Provide finish face/texture of brick on exposed faces and ends of face brick units."

ITEM NO. 4. PROJECT MANUAL, SECTION 05 51 00 – METAL STAIRS

A. Replace 2.8, B., 1., as follows:

"1. Fabricate stringers of steel channels, steel plates, or steel tubes as indicated on Drawings."

(Note subparagraphs a.- d., remain unchanged)

ITEM NO. 5. PROJECT MANUAL, SECTION 06 16 00 - SHEATHING

A. Article 2.9, A.: Delete "and for covering exposed fasteners" at the end of the paragraph.

B. Replace 3.5, D., 1., as follows:

"1. Apply glass-fiber sheathing tape to glass-mat gypsum sheathing joints and apply and trowel sealant to embed entire face of tape in sealant. Seal other penetrations and openings."

ITEM NO. 6. PROJECT MANUAL, SECTION 09 96 00 – HIGH-PERFORMANCE COATINGS

A. Add 3.6, B., 2., as follows:

"2. Epoxy/Polyurethane system: (Code #5.331).
   a. Prime Coat:
      1) Tnemec Series N69, Hi-Build Epoxoline at 2.0 to 3.0 mils d.f.t.
      2) PPG; Amerlock 600 at 3.0 to 4.0 mils d.f.t.
      3) Sherwin Williams; Macropoxy 646
   b. Intermediate Coat: Same as Topcoat.
   c. Topcoat:
      1) Tnemec Series 1094 Endura-Shield at 3.0 to 4.0 mils d.f.t., gloss.
      2) PPG Durethane DTM Polyurethane Gloss at 3.0 to 4.0 mils d.f.t.
      3) Sherwin Williams; Hi-Solids Polyurethane B65W at 3.0 to 4.0 mils d.f.t.
   d. Applications include, but is not limited to:
      1) Exposed structural steel columns or beams."

ITEM NO. 7. PROJECT MANUAL, SECTION 10 22 39 – OPERABLE (FOLDING PANEL) PARTITIONS

A. Replace 2.5, C., as follows:

"C. Cap-Trimmed Edges: Steel or aluminum protective perimeter-edge trim with tight hairline joints concealing edges of panel and finish facing, finished as follows:
1. Steel or Aluminum: Painted or anodized finish in manufacturer's standard neutral color, clear anodized or color anodized finish as selected by the A/E."

ITEM NO. 8. PROJECT MANUAL, SECTION 11 66 00 – ATHLETIC EQUIPMENT

A. Add 1.1, A., 5., as follows:

"5. Wrestling Mat Hoist."

B. Add Article 2.8, as follows:

"2.8 WRESTLING MAT HOIST

B. Stationary, Overhead Supported Wrestling Mat Hoist
1. Hoist construction shall consist of steel frame sub-assemblies with drive and lifting mechanisms enclosed. Hoist assembly to be monitored continuously by a factory preset programmable logic control unit to ensure simultaneous operation and self-leveling feature. Standard hoists, load bar and sling shall be capable of lifting and supporting two standard 42 foot to 45 foot wrestling mats weighing one pound per square foot.
2. Operator: Provide factory-assembled electric operator system, of size and capacity and with features, characteristics, and accessories suitable for Project conditions, recommended by gymnasium equipment manufacturer; complete with electric motor and factory prewired motor controls with limit controls, remote-control stations, remote-control devices, power disconnect switch, enclosures protecting controls and all operating parts, and accessories required for proper operation. Include wiring from motor controls to motor, unless otherwise noted. Coordinate with operator wiring requirements and electrical characteristics with the building electrical system.
a. Comply with NFPA 70.
b. Control Equipment: Comply with NEMA ICS 1, NEMA ICS 2, and NEMA ICS 6.
c. Electric Motor: UL approved or –recognized, totally enclosed insulated, capacitor-start motor, complying with NEMA MG 1, with thermal-overload protection, brake, and permanently lubricated bearings.
1) Service Factor: According to NEMA MG 1, unless otherwise indicated.
2) Motor Characteristics: Single phase, sized by gymnasium equipment manufacturer, 115 V, 60 Hz.
d. Remote Controls: Electric controls with NEMA ICS 6, Type 1 enclosure for recessed or flush mounting.
1) Control Stations: Manufacturer's standard keyed, momentary-contact, three-position, switch-operated control with up, down, and off functions; one switch per wrestling mat hoist. For safety, key switch is to be located so that the operator has full view of the wrestling mat hoist while it is in operation. Wiring of all components shall be in accordance with local codes and manufacturer's instructions. All conduit, wiring, junction boxes, and components not specified herein shall be furnished and installed by the electrical contractor.

3. Actual hoisting of mats shall be accomplished by means of two or three 5/16 inch 6-strand, 37 wires per strand, fiber core, 4.26 ton breaking strength steel cables, each secured to a 4" diameter drum, and terminating at a heavy wall 2 inch by 6 inch by 40'-0" long steel load bar. The load bar shall be connected to a 40-pound per square foot vinyl fabric sling with heavy-duty straps and fasteners. For safety purposes, sling capacity shall govern the lift capacity of the system.
4. Wiring of all electrical components shall be in accordance with national and local electrical codes, and in accordance with manufacturer's instructions. All conduit, wiring, junction boxes, and components not specified herein shall be furnished and installed by the Electrical Contractor."

ITEM NO. 9. PROJECT MANUAL, SECTION 12 66 00 – TELESCOPING STANDS

A. Replace 2.5, A., 1., a., as follows:

"a. Colors: Multiple colors will be utilized as selected from Manufacturer's standard color offering as indicated on the Drawings. Provide multiple color seats in school letter configuration when in stacked position."

ITEM NO. 10. PROJECT MANUAL, SECTION 32 18 24 – RUNNING TRACK SURFACING

A. Add 2.3, A., 1., as follows:

"1. This Quality Control testing is separate from the Field Quality Control specified within this Section and at the Owner's option/request."

B. Delete 2.3, C., in its entirety.

ITEM NO. 11. PROJECT MANUAL, SECTION 32 31 13 – FENCES AND GATES

A. Delete 1.2, A., 1., in its entirety.

B. Delete 2.2, A., 1., a., in its entirety.

C. Add 2.2, A., 1., c., 2) as follows:

"2) Provide polymer coating on chain link fencing at all locations."

D. Delete 2.3, A., 5., d., in its entirety.

E. Delete 3.4, B., 3., 9), 10), and 11) in their entirety.

F. Delete 3.4, I., 1., in its entirety.

G. Delete 3.4, M., in its entirety.

ITEM NO. 12. ACCEPTABLE MANUFACTURERS

The following manufacturers are to be considered acceptable manufacturers (suppliers and fabricators) for the Sections of the Specifications listed. Listed manufacturers are required to bid on products equal in type and design, size, function, and quality to that originally specified. Final decision as to equality of products specified versus those proposed shall be made by the Architect.

Section 10 22 39.13 – Operable Glass-Panel Partitions
- Moderco, Inc., Quebec, Canada

Section 11 51 23 – Library Stack Systems
- Toledo Furniture, Stroudsburg, Pennsylvania

ITEM NO. 13. NEW DRAWING SHEETS

A. Drawing Sheet No's: C310 – Overall Site Drainage Details, S-303 – Cladding Elevations, and S-526 – Steel Framing Details dated 11/11/25, is included with and hereby made a part of this Addendum.

ITEM NO. 14. REVISED DRAWING SHEETS

Drawing Sheets: C001, C100, C200, C300, C301, C302, C303, C304, C400, C401, C402, C403,C404, C410, C500,C501, C502, C503, C504, C505, C506, C511, C512, C513, C600, C601, C602, C603, C604, C605, C606, C607, C608, S-001, S-003, S-007, S-008, S-10A, S-10B, S-10C, S-10D, S-10E, S-10F, S-11A, S-11B, S-11C, S-11D, S-11E, S-11F, S-12A, S-12B, S-12C, S-12D, S-12E, S-12F, S-13A, S-13B, S-13C, S-13D, S-13E, S-13F, S-101, S-405, S-406, S-502, S-503, S-504, S-505, S-510, S-521, S-522, S-523, S-524, S-525, A-11A, A-11B, A-11C, A-11E, A-11F, A-12B, A-12C, A-12F, AC11B, AR102, A-202, A-304, A-305, A-307, A-411, A-412, A-413, A-414, A-602, A-604, A-605, PF10A, PF10B, PF10C, PF10D, PF10E, PF10F, PL11A, PL11D, PL11F, PL12D, PL12E, PL12F, P-304, P-306, P-401, P-403, P-404, P-501, ET11A, ET11B, ET11C, ET11D, ET11E, ET11F, ET11G, ET12A, ET12B, ET12C, ET12D, ET12E, ET12F, EL11A, EL11B, EL11C, EL11D, EL11E, EL11F, EL12A, EL12B, EL12C, EL12D, EL12E, EL12F, EP11A, EP11B, EP11C, EP11D, EP11E, EP11F, EP12A, EP12B, EP12C, EP12E, EP12F, EF11A, EF11D, EF11E, E-402, E-403, TS101, T-103, T-104, T-11A, T-11B, T-11C, T-11D, T-11E, T-11F, T-11G, T-12A, T-12B, T-12C, T-12D, T-12E, T-12F, and T-501 have been revised, dated 11/11/25, and is included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

END OF ADDENDUM

SECTION 32 18 13 - SYNTHETIC GRASS SURFACING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Section Includes:
   1. Synthetic grass infill system and accessories for Football field.
      a. New synthetic grass infill system on new base and subgrade.

B. Related Work:
   1. Division 31 Section “Site Clearing”:
   2. Division 31 Section “Earth Moving”: For preparation of subgrade and field base materials.
   3. Division 33 Section “Subdrainage”: For storm drainage structures.

1.2 DEFINITIONS

A. Terminology Definitions:
   1. Base Materials: Materials that provide porosity and stability such as crushed aggregate or porous pavement.
   2. Denier: The weight in grams of 9000 meters of fiber.
   3. Drainage System: A method of removing surface and subsurface moisture/water.
   4. Fiber: A specific form of fibrous textile material from which yarn is manufactured.
   5. Fiber Thickness: A measurement in microns (metric) or mils. (U.S.) of the thinnest cross section of a fiber.
   6. G-Max: A measurement of impact (shock absorption) in terms of gravity units as a ratio of deceleration.
   7. Infill: Loosely dispersed materials that are added to the synthetic turf system, typically sand, rubber, other suitable material, or a combination thereof.
   8. Knitted: A process in which the yard fibers of the pile are tied to the backing which was simultaneously constructed in the same over and under, crisscross process.
   9. Water Permeability: The rate at which water flows through a surface or system cross-section or components of the cross-section.
   10. Planarity: Uniformity of the surface as compared to certain fixed predetermined points or prescribed slopes.
   11. Primary Backing System: A single or multiple layers of woven or non-woven materials, into which the fiber is either tufted or knitted, to provide the initial construction of the synthetic turf.
   12. Secondary Backing System: A coating and/or woven or non-woven fabric layer(s) applied to the primary backing after the fiber pile has been locked into place which serves to provide tuft bind and additional structural integrity.
   13. Shock Absorbing System: Component(s) that add resiliency to the system.
   14. Subgrade: A stabilized foundation onto which the base materials and field systems are installed.
   15. Synthetic Pile Fiber: Grass-like blades made of synthetic materials.
   16. Tufted: A process by which the fiber yarns that form the pile are inserted into a previously prepared blanket-like primary backing.

1.3 PERFORMANCE REQUIREMENTS

A. General: Design of synthetic turf system is based on products and systems by manufacturers as specified in Part 2. Systems shall be engineered by manufacturer to provide a complete turf system.

B. Standard Test Methods: Systems shall comply with all applicable test standards as follows:
   1. ASTM F 1551; “Standard Test Methods for Characterization of Synthetic Turf Playing Surfaces and Materials.”
      a. Suffix-DIN 18-035, Part 6 – Water Permeability of Synthetic Turf Systems and Permeable Bases.
      b. Suffix ASTM – Turf System Ball Bounce and Ball Rebound.
   2. ASTM D-1682; Grab Strength Test
   3. ASTM D-1335; Tuft bind
   4. ASTM D-4158; Uniform Abrasion Method
   5. ASTM F-1015; Relative Abrasiveness
   6. ASTM F-355; Procedure A; Shock Absorbency
   7. ASTM D-1876; Peel Resistance

C. Field Markings: Conform to requirements of the National Federation of State High School Association’s High School Track and Field Rules and Records.

D. Shock Absorbency: Field shall achieve a minimum of 130 Gmax Shock Absorbency at all tested locations and a maximum of 175.

E. Player-Surface Interface, ASTM F1936: The field surface should provide consistent footing across the entire field area in all directions. Footing includes traction, slip resistance, and rotational resistance. It should also allow for movement between the shoe and the field surface so that contact can be made between athletes without the foot locking into place.
   1. Traction: The surface should provide good traction in all types of weather with the use of conventional athletic type shoes applicable to the sports and/or activity specified.
   2. Rotational Resistance: The surface should allow for twisting movements as is common in athletic activities. Rotational resistance measures the ability of the user to perform twisting motions when in contact with the surface.
   3. Slip Resistance Component: The system should enable a predictable range of movement between the user and the surface uniformly throughout. The surface should balance traction and slippage by way of the sliding coefficient.
   4. Surface Abrasiveness: The field surface should have fibers that minimize skin abrasions.
   5. Impact Absorption (force reduction): The field surface should have the ability to adequately absorb player impact with the surface.
   6. Surface Stability (vertical deformation): The surface should provide adequate stability so that the athlete can maintain body control to help prevent or properly control contact between athletes. This is an important consideration that should be balanced with the surfaces’ ability to absorb impact. If the surface is too soft, the stability provided by the field may not be optimal for player movement and body control.

F. Ball-Surface Interface, ASTM F1936: The field surface should provide consistent and predictable ball performance reaction characteristics.
   1. Surface Uniformity: The synthetic turf playing field should be as level as practical. The synthetic surface shall provide a true and uniform playing surface throughout.
   2. Ball Bounce: The synthetic turf field should provide a ball bounce as close to the optimal playing characteristics of the sport or sports. The published standards for the regulatory organizations as applicable for each sport should be referenced.
   3. Ball Roll: The synthetic turf field should provide a ball roll as close to optimal playing characteristics of the intended sport or sports. The published standards for the regulatory organizations as may be applicable for each sport should be referenced.

G. Appearance: Unless otherwise dictated by design, the synthetic turf should have a consistent color and shade without significantly noticeable streaks or other irregularities when observed in any direction.

1.4 SUBMITTALS

A. Shop Drawings: Prepare at scale of the construction documents and contain all pertinent information regarding installation. Drawings shall include the following:
   1. Seaming plan; seams of pad are not to coincide with seams of synthetic turf or interfere with subsurface drainage system.
   2. Installation details; edge detail, goal post detail, other inserts, etc.
   3. Striping plan: layouts for football and other sports showing any field lines, markings and boundaries, and field logos as indicated.

B. Samples for Verification: Synthetic Turf, 30 inches by 30 inches with two 4 inches by 12 inch lines, (1 white and 1 yellow), installed per manufacturers recommended method.
   1. Color samples of A/E selected colors to match School colors.

C. Product Quality Assurance/Control Submittals:
   1. Product Data: For each type of product indicated.
   2. Product Test Reports: Based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified testing agency for turf system performance.
      a. Compliance with Pile Height, Face Weight, and Total Fabric Weight per ASTM D418.
      b. Primary and Secondary Backing Weights per ASTM Dd418.
      c. Tuft Bind per ASTM D1335.
      d. Grab Tear Strength per ASTM D1682.
   3. Certification of Sub-base, drainage system and aggregate base installation: Manufacturer/installer shall certify acceptance of sub-base, storm drainage system and aggregate base for the purpose of obtaining manufacturer's warranty for the finished synthetic playing surface.
   4. Certification of Installer: Proof of compliance with "Quality Assurance" provisions.
   5. Warranty: Manufacturer's warranty with provisions specified herein that will be utilized for the Project. Generic warranties are not acceptable.

D. Closeout Submittals:
   1. Maintenance Data: For the proper care and preventative maintenance of the synthetic turf system, including painting and striping.
   2. Warranties: Special Warranties specified in this Section.

1.5 QUALITY ASSURANCE

A. Manufacturer/Installer's
   1. The installer/manufacturer shall employ only qualified, experienced supervisors and technicians skilled in the installation of this system. All turf technicians shall be full time statutory employees of the turf manufacturer/installer.
   2. The turf installer/manufacturer must provide competent workmen skilled in this specific type of synthetic grass installation. The designated supervisory personnel on the project must be certified in writing by the turf manufacturer as competent in the installation of this material, including seaming and proper installation of the infill mixture. The manufacturer shall have a representative on site to certify the installation and warranty compliance.
   3. The manufacturer's representative and installation project manager shall observe establishment of subgrade, drainage system, and perimeter drain at periodic intervals during construction and notify the Architect of any items observed that may be detrimental to final installation of the synthetic turf.
   4. The Manufacturer must be a certified member of the Synthetic Turf Council (STC).
   5. Have proper license, in good standing, and have never had a license revoked.
   6. Have not been disqualified or barred from performing work for any public Owner or other contracting entity.
   7. During submittal Phase: Provide documentation of sources of infill materials. Local and regional sources are encouraged whenever possible.

8. Impact testing: The contractor shall engage a third-party testing agency to perform GMAZ testing at substantial completion. No fewer than eight (8) locations on field shall be collected to compile a diverse, random assessment of the field. The intent of testing is to document newly constructed conditions for analysis and benchmarking in subsequent years. Initial construction is not anticipated to exceed GMAX 175.

1.6 WARRANTIES

A. Contractor Warranty: Contractor shall provide a 2-year warranty for outdoor applications. The follow conditions shall apply, when applicable:
   1. Coverage shall be for the full system, including drainage function, UV degradation, and fiber strength / stability of the backing, tufted yarn and seam integrity and all other related components of the synthetic turf system.

B. Manufacturer's Warranty: Manufacturer shall warrant artificial grass against defects in the material provided, including ultraviolet degradation, excessive fading, wrinkling, panel movement, shock absorbency, etc.
   1. The warranty submitted must have the following provisions even if not part of Manufacturer's standard Warranty form.
      a. Warranty Period: Eight (8) years from date of Substantial Completion.
      b. Warranty shall include materials and workmanship.
      c. Must have a provision to repair or replace such portions of the installed materials that are no longer serviceable to maintain a serviceable and playable surface.
      d. Must be a warranty from a single source covering workmanship and all self-manufactured or procured materials for the field surface and installation.
      e. Warrant that the yarn used to make the grass-like tufts will maintain its UV stability and tensile strength such that the strength of the fiber when measured in accordance with ASTM D-2256 will not decrease by more than 50% during the warranty period due to breakdown of UV stability.
      f. All warranties shall be in writing and remain valid should the manufacturer be acquired by another company prior to the conclusion of said warranty.

1.7 MAINTENANCE SERVICE

A. Maintenance Proposal: Provide a separate maintenance proposal, not included in base bid, from manufacturer/installer to the Owner in a form of a standard one-year maintenance agreement. State the services to be provided, obligations, conditions, and terms for agreement period and for future renewal options.

1.8 EXTRA MATERIALS

A. Furnish one additional standard infill container with rubber infill for the owners use. Container shall contain a min of 45 c.f. of rubber infill material.

B. Furnish (2) roll of additional synthetic turf fabric for owners use. Roll shall contain a min. of 2000 s.f of turf fabric.
   1. All salvageable pieces of colored turf used during the installation should be left with the Owner.

PART 2 - PRODUCTS

2.1 MANUFACTURERS/CONTRACTORS

A. Varsity Football Stadium - Manufacturer: Subject to compliance with requirements, provide products from.
   1. Sprinturf LLC, UltraBlade DFE Extreme, 146 Fairchild st ste 150, Daniel Island, SC 29492
   2. Motz 24/7, 1 Motz Way, Cincinnati, Ohio 45244
   3. FieldTurf/Tarkett, Prestige Vertex, Calhoun, Georgia

B. Products of other manufacturers will be considered for acceptance provided they equal or exceed the material requirements and functional qualities of the specified product. Requests for Architect's approval must be accompanied by the "Substitution Request Form" and complete technical data for evaluation. All materials for evaluation must be received by the Project Manager and Specification Department at least 10 days prior to bid due date. Additional approved manufacturers will be issued by Addendum.
   1. With substitution request, manufacturer must submit all information in a matrix format that provides the same product information in the format of Article 3.7.

2.2 SYSTEM COMPONENTS

A. Base Materials by Division 31, Section "Earthwork"

B. Materials: All components and their installation method shall be designed and manufactured for use on outdoor athletic fields. The materials as hereinafter specified, should be able to withstand full climatic exposure in the area of the Project, be resistant to insect infestation, rot, fungus, and mildew; to ultra-violet light and heat degradation, and shall have the basic characteristic of flow-through drainage allowing free movement of surface run-off through turf where such water may flow to the sub-base and into the field drainage system.

C. Synthetic Turf System:
   1. Football Field:
      a. Provide attic stock as describe within the this specification.
      b. The synthetic turf surface should provide the performance characteristics, components and construction that meet the needs of the declared use for the playing field.
      c. Synthetic turf construction should provide a system that is resistant to weather, rot, mildew and fungus growth. The system components should be non-toxic, not cause commonly known allergic reactions, and conform to environmental requirements. Each synthetic turf system should be constructed to provide dimensional stability and resist damage from wear and tear during athletic and recreational usage. Each system should be resistant in it's entirely to excessive ultraviolet degradation.
      d. Fibers for Tufted Systems: The polypropylene or polyethylene fiber should be of flat film, extruded or texturized slit film for football field.
      e. Primary Backing Systems: The primary backing materials should be either polyester tire cord, utilized in the knitting process, or a woven, non-woven, or other suitable materials in one or more layers, utilized in the tufting process.
      f. Secondary Backing Systems: The secondary backing materials should be applied through a coating process that can be single or multiple applications of one or several different materials. A knitted turf fabric should receive an initial acrylic coating followed by different options of polyurethane or suitable latex coatings in various weights and thickness configurations, depending on individual system design. A tufted turf fabric should receive a polyurethane or suitable latex pre-coat or a performance-based acceptable equal which than can be followed by an attached cushion or a laminated secondary backing utilizing polyurethane, suitable latex, or an acceptable performance-based equal. The purpose of the secondary backing is to provide the desired level of tuft bind and structural integrity of the turf components. In cases where an increased level of system resilience is desired, multiple layers of secondary backing materials of different physical characteristics can be applied.
      g. Water Permeability Rate: Permeable system by design with adequate drainage, perforations should be put through all of the backing coatings to provide for adequate drainage through the system as specified.
      h. Seams: New synthetic turf materials are manufactured in panels or rolls that are usually 15 feet wide. Each panel or roll should be attached to the next with a seam to form the fabric of the field. Seams should be sewn with high strength sewing thread.

i. Adhesive: All adhesives used in bonding the system together should be resistant to moisture, bacterial and fungus attacks, meet local/regional environmental requirements and be resistant to ultraviolet rays at all locations within the installed system. The bonding or fastening of all system material components should provide a permanent, tight, secure, and hazard-free, athletic playing surface.

j. Seaming Tape: Seaming tape is commonly used for seams and/or inlaid lines and markings. The tape is comprised of a fabric that should be installed below the backing material on both sides of a seam or inlay. Adhesive is then applied to the seaming tape to provide a bond between adjacent turf panels to sections. The fabric used for seaming tape should provide dimensional strength and enough surface texture to bond well with the adhesive.

k. Turf Characteristics:
   1) Fiber Type: Filibrated, parallel long slit and monfiliment
   2) Yarn: UV-Resistant Polyethylene
   3) Turf Bind Strength: 8-10 lbs/force
   4) Face/Pile Yarn Weight: minimum of 50 oz/sq yd.
   5) Total Weight: minimum of 72 oz.
   6) GMax Range: 130-165
   7) Infill materials: Sand 70%, approx. 1.5 lbs, and rubber 30%, approx. 3 lbs.
   8) Pile Height: 2" – 2.25"
   9) Colors: Five minimum, manufacturer's standard colors – lime green, forest green, lime green / forest green blend, blue, red, and white.

D. Infill Material: Infill materials are comprised of rubber and sand, there of which are placed on top of the synthetic turf backing and between the synthetic surface fibers.
   1. Sand: The sand material utilized as infill should be silt free, similarly sized, and rounded to sub-angular. The sand should be delivered to the site graded, washed and dried.
   2. Rubber: The rubber infill utilizes material that is either styrene butadiene rubber (SBR) or ethylene propylene dien polimerisat (EPDM) rubber granules. Both ambient and/or cryogenic rubber can be used.
   3. Hybrid: Constitutes the use of sand and rubber or other suitable materials in various combinations.

E. Lines, Markings, Logos or text: Construction and materials used should be harmonious with the synthetic surface.
   1. Installation: Lines, markings, logos or text shall be inlaid in the synthetic turf surface. Paint shall not be used unless otherwise approved by A/E.
   2. Color of inlaid lines, markings logos or text fabric shall be in colors as selected by the Owner / Architect from custom color selections, to match school colors. Any colors selected from custom colors shall be supplied at no additional cost to the owner.
      a. Refer to Drawings for field markings, lines, graphics, text and colors.
   3. Consistency: Synthetic turf and fibers utilized for the tufted or inlaid lines, markings, logos or text should be similar to that used in all other areas of the field and installed to the same tolerances.

F. Inserts: Covers for goal sleeves and anchors to synthetic turf.
   1. Consistency: The synthetic turf used for the inserts should be similar to that used in the area adjacent to the insert.
   2. Installation: The inserts should be anchored securely to the surrounding areas so that they cannot be displaced by the activities occurring on the field and installed to the same tolerances.

G. Nailer Strip: New Installation - The nailer strip shall be 2 inch by 4 inch treated "for ground contact" Southern Pine.

H. The entire synthetic turf system shall be "lead-free".

I. FieldSpec 7’ Drag Brush:
   1. Basis of Design: Field Spec 7’ Drag Bush and Accessories as manufactured and/or supplied by:
      a. Sportsfield Specialties, Inc.; P.O. Box 231, 41155 State Highway 10 Delhi, NY 13753, P. (888) 975-3343
   2. System to Include:
      a. Powder coated steel construction
      b. Towable with small tractor or utility vehicle
      c. Reversible & replaceable grooming brushes
      d. Replaceable dethatching tines
      e. Simplified height adjustment
      f. Easily upgradable to 15’ brush
      g. Fully portable for off-field storage
      h. Approx. unit weight: 20 lbs.

J. FTMAG – 7’ Tow Behind Magnet:
   1. Basis of Design: FTMAG – 7’ Tow Behing Magnet and Accessories as Manufactured and/or Supplied by:
      a. Sportsfield Specialties, Inc.; P.S. Box 231, 41155 State Highway 10 Delhi, NY 13753, P. (888) 975 – 3343
   2. System to Include:
      a. Tow behind magnet system for system for synthetic infill turf
      b. Pull handles allow debris to be released from magnet
      c. Powder coated steel and aluminum construction
      d. Compatible with SweepRight Pro and GroomRight
      e. Approximate unit weight: 150lbs.
      f. Store inside when not in use

PART 3 - EXECUTION

3.1 EXAMINATION

A. Inspection: Synthetic materials should be inspected prior to installation for:
   1. Damaged or defective goods.
   2. Missing goods or quantities.
   3. Correct turf pile height.
   4. Correct backing perforation diameter and spacing if applicable.
   5. Materials out of tolerance with the specification.

3.2 GENERAL, INSTALLATION

A. The installation shall be performed in full compliance with shop drawings and manufacturer’s printed instructions.

B. All installation operations shall be performed by personnel directly employed by the manufacturer, fully familiar with the materials and their application, under the full time direction and supervision of a qualified technical supervisor employed by the manufacturer of the synthetic turf.

3.3 INSTALLATION

A. Subgrade Preparation, refer to Division 31, Section “Earthwork”: The subgrade should provide a stabilized foundation upon which base materials and subsequent components of playing field systems will be installed.
   1. Subgrade (Rough) Planarity: The tolerances for the finished subgrade should not exceed one inch as measured by a 10 foot straight edge. Grading of the subgrade shall minimize ponding to the extent practical.

B. Aggregate refer to Division 31, “Earthwork”: Installation of the aggregate base should provide a close, evenly textured surface meeting the required tolerances.

C. Nailer: Attach the treated nailer for the turf attachment to the trench drain footing and curbs by means of a galvanized 3/8 inch minimum bolt at 4 feet on center, minimum. The elevation of the nailer shall be determined by the turf manufacturer's specifications.

D. Synthetic Turf Installation: All synthetic turf systems should be installed to provide stability that will prevent panels from shifting or bunching.
   1. Seaming Method: The synthetic turf panels should be securely fastened together for the warranted life of the system. These seams are typically glued or sewn, the method for which varies from system to system. Seam gaps should be uniform. For tufted infill systems the gap between the fibers should not exceed the gauge of the tufting. For other synthetic turf systems, the seam gaps should not exceed 1/16 inch.
      a. Major panel seaming: Seams must be sewn. Seams shall be flat, tight and permanent with no separation or fraying.
      b. Inlays shall be glued and warranted for workmanship per the Warranty Article.
   2. Edge Anchoring: Tie anchor to trench drain. Provide a secure anchor.

E. Infill Material Installation: Correct installation is critical to performance of these systems and should follow the manufacturer's recommendations.
   1. Environmental Conditions: It is recommended infill materials should be installed under dry field conditions.
   2. Method of Application: The infill material should be installed uniformly. The equipment used for the application of the infill materials should erect the fiber, place the infill materials, and should incorporate a metering method to provide consistent distribution. The equipment utilized should not distort or displace any base materials or damage to system in any way.
      a. Apply infill in numerous thin lifts using specialized broadcasting equipment
      b. Infill material shall be installed to a depth of approximately 1.75 inches. A maximum of 0.75 inches of fiber can be exposed
      c. Infill mixture can only be applied when dry

F. Fiber Conditioning: It is essential to maintain the integrity and uniformity of the fiber throughout the manufacturing, shipping and handling, installation and maintenance processes in order to prevent damage which could alter the specified performance and void the warranty.

3.4 FIELD MARKINGS

A. Installer shall install via inlay method logos, numbers and additional markings as indicated in accordance with process indicated on shop drawings.

3.5 CLEANUP

A. Contractor shall provide the labor, supplies and equipment as necessary for final cleaning of surfaces and installed items.

B. All useable remnants of new material shall become the property of the Owner.

C. The Contractor shall keep the area clean throughout the project and clear of debris.

D. Surfaces, recesses, enclosures, etc. shall be cleaned as necessary to leave the work area in a clean, immaculate condition ready for immediate occupancy and use by the Owner.

3.6 FIELD QUALITY CONTROL

A. Testing Agency: Contractor is to engage a qualified independent testing agency to perform field quality-control testing.

B. G-Max Testing, ASTM F1936:
   1. Temperature: Ambient shaded air temperature of 40 – 100 degrees Fahrenheit.
   2. Number: 10 tests shall be conducts throughout each field area at completion of work. Test locations shall conform as closely as possible to the test sites specified in ASTM F1936 (Football) or FIFA Handbook 3-06 (Soccer).
      a. Provide complete report of testing values and diagram of locations.
      b. Acceptable industry manufacturer tolerance of +/- 2 percent.
      c. Test results shall be between 130 and 175. If test results in values above 175, adjustments should be made to the installation and materials until test results are within the acceptable range.

3.7 DEMONSTRATION

A. The synthetic turf installer shall provide detailed written maintenance instructions, suggested guidelines for the system, and training of maintenance personnel. Maintenance of the systems typically consists of cleaning, stain removal, minor seam repair, dragging or redistribution of any infill material, and management of infill compaction. Specialized equipment is typically required for the maintenance of the surface and should be included with the field contract. Utilizing this equipment as recommended by the installation builder will generate the proper maintenance in relation to any future warranty claims.

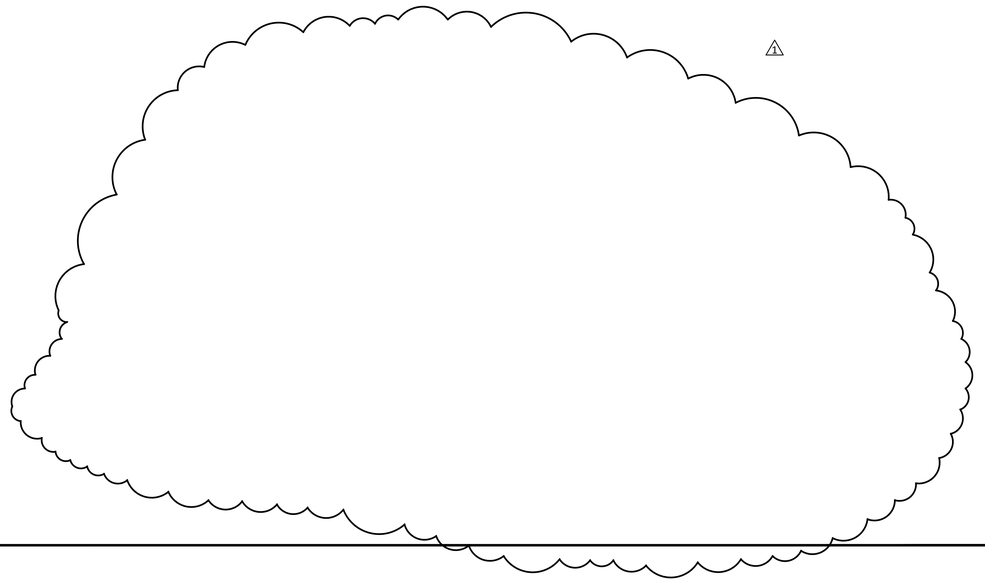
3.8 DISPOSAL

A. Disposal: Remove surplus soil material, unsuitable infill, obstructions, demolished materials, and all waste materials including trash and debris, and legally dispose of them off Owner's property.
   1. Burning of combustibles, cleared and grubbed materials is not permitted on Owner's property

3.9 MANUFACTURER / PRODUCT INFORMATION REQUIREMENTS

A. Manufacturer product characteristics and specifications shall be submitted for consideration by each contractor following bidding for consideration.

END OF SECTION 32 18 13



GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, AND VERIFYING, THAT ALL PERMITS AND APPROVALS ARE OBTAINED FROM THE RESPECTIVE CITY, COUNTY, STATE AND FEDERAL AGENCIES PRIOR TO STARTING CONSTRUCTION.
2. CONTRACTOR SHALL VERIFY LOCATION AND INVERT ELEVATIONS OF EXISTING SEWERS PRIOR TO START OF CONSTRUCTION.
3. CONTRACTOR SHALL MAINTAIN A COMPLETE AND OPERABLE UTILITY SYSTEM AT ALL TIMES.
4. CONTRACTOR SHALL INCLUDE COSTS FOR CUTTING AND PATCHING AS REQUIRED IN THEIR BID PROPOSAL TO COMPLETELY INSTALL THE WORK INDICATED.
5. CONTRACTOR SHALL INCLUDE ALL TAP FEES, PERMIT FEES AND APPLICATION FEES IN THEIR BID PROPOSAL AS NECESSARY TO COMPLETELY INSTALL THE WORK INDICATED.
6. INFORMATION SHOWN WAS OBTAINED FROM AN OWNER FURNISHED SITE SURVEY OF EXISTING CONDITIONS AND IS UNCONFIRMED. CONTRACTOR IS REQUIRED TO FIELD VERIFY THIS INFORMATION AND NOTIFY ARCHITECT OF ANY DISCREPANCIES SO MODIFICATION CAN BE MADE.
7. CONTRACTOR SHALL COORDINATE EXACT UTILITY LOCATIONS WITH THE OWNER AND LOCAL UTILITY COMPANIES PRIOR TO COMMENCING ANY WORK. UTILIZE THE INDIANA UNDERGROUND UTILITY LOCATION SERVICE AT 811 OR 800-382-5544 PRIOR TO ANY EXCAVATION ON THE SITE.

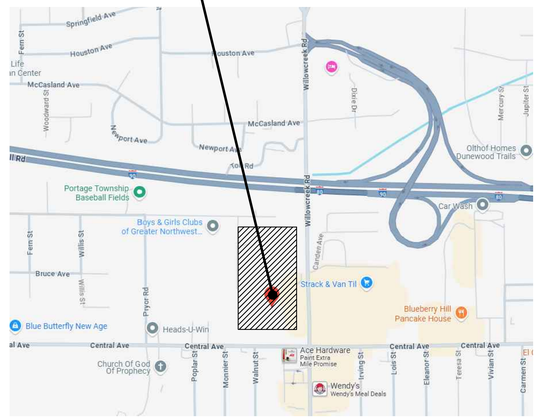
SITE SYMBOLS AND ABBREVIATIONS

REFER TO SHEET ES1 FOR EXISTING SURVEY SYMBOLS AND ABBREVIATIONS

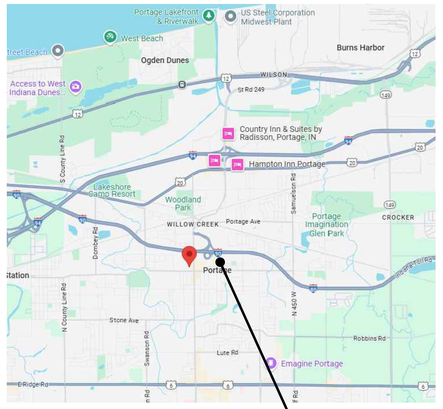
- 678 — NEW CONTOUR LINE
- 123.45 — NEW SPOT ELEVATION
- 123.45 / 123.45 — TOP OF NEW CURB / CURB GUTTER
- BOLLARD
- CLEANOUT
- DOWNSPOUT
- AREA DRAIN
- SAN — NEW UTILITY
- (RCP) — PIPE MATERIAL
- FDC — FIRE DEPARTMENT CONNECTION
- GAS — GAS METER
- ELECTRIC MANHOLE
- INV. 123.45 — INVERT ELEVATION
- STR. — NEW STRUCTURE
- CONSTRUCTION LIMIT LINE
- SWALE
- DIRECTION OF FLOW
- NEW UTILITY TO EXISTING UTILITY
- VALVE
- FENCE
- FH — FIRE HYDRANT
- FLAG POLE
- TEE
- TRANSFORMER
- POST INDICATOR VALVE
- ACCESSIBLE PARKING SYMBOL
- LIGHTED BOLLARD
- HELIPAD LIGHT
- LIGHT POLE BASE
- POWER POLE
- SEWER STRUCTURE
- STORM INLET
- WATER METER
- END SECTION
- WIND SOCK
- SIGN
- HANDHOLE/PULL BOX
- PARKING BUMPER
- ADA RAMP

AD	-	AREA DRAIN	HDPE	-	HIGH DENSITY POLYETHYLENE PIPE	TW	-	TOP OF WALL
BW	-	BOTTOM OF WALL	ME	-	MATCH EXISTING	(TYP)	-	TYPICAL
CB	-	CATCH BASIN	INV	-	INVERT ELEVATION	U/G	-	UNDERGROUND
CO	-	CLEANOUT	MH	-	MANHOLE	W	-	WATER
DIP	-	DUCTILE IRON PIPE	O/H	-	OVERHEAD	WV	-	WATER VALVE
DS	-	DOWNSPOUT	PIV	-	POST INDICATOR VALVE	C	-	CONDUIT
E	-	ELECTRIC	PVC	-	POLYVINYL CHLORIDE PIPE	COMM	-	COMMUNICATION/ FIBER OPTICS
EG	-	EXISTING GRADE	RCP	-	REINFORCED CONCRETE PIPE	GV	-	GAS VALVE
EX	-	EXISTING	SAN	-	SANITARY SEWER	HP	-	HIGH POINT
FDC	-	FIRE DEPARTMENT CONNECTION	STM	-	STORM SEWER	LP	-	LOW POINT
FH	-	FIRE HYDRANT	T	-	TELEPHONE			
G	-	GAS	TOC	-	TOP OF CASTING ELEVATION			
ST	-	STEAM	CWR	-	CHILLED WATER RETURN			
CWS	-	CHILLED WATER SUPPLY						

PROJECT SITE



LOCATION MAP



VICINITY MAP

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Porter County, Indiana
Survey Area Data: Version 28, Aug 25, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

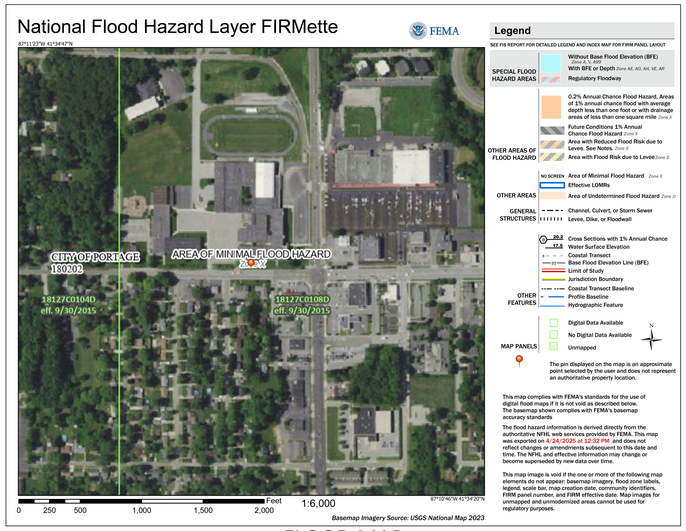
Date(s) aerial images were photographed: Jun 16, 2022—Jun 27, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BtA	Brems sand, 0 to 3 percent slopes	2.2	2.6%
Mm	Maumee loamy sand	18.6	22.6%
OaC	Oakville fine sand, lake moderated, 0 to 6 percent slopes	8.3	10.0%
Ud	Urban land-Brems complex	53.4	64.8%
Totals for Area of Interest		**82.5**	**100.0%**

SOILS MAP



FLOOD MAP

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THE NEW WALLACE AYLESWORTH MIDDLE SCHOOL

5910 Central Ave., Portage, Indiana 46368

PORTAGE TOWNSHIP SCHOOLS

PORTAGE TOWNSHIP SCHOOLS

ARCHITECT

FANNING HOWEY

317-848-0966 WWW.FHAI.COM
350 E. New York St. Suite 300, Indianapolis, Indiana 46204

CIVIL ENGINEER

LANDSCAPE ARCHITECT

JPS CONSULTING ENGINEERS, LLC

317-617-4270 WWW.JPSCE.COM
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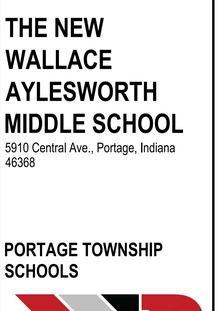

KEY PLAN

CONSTRUCTION DOCUMENTS

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

PROJECT INFORMATION SHEET

C001

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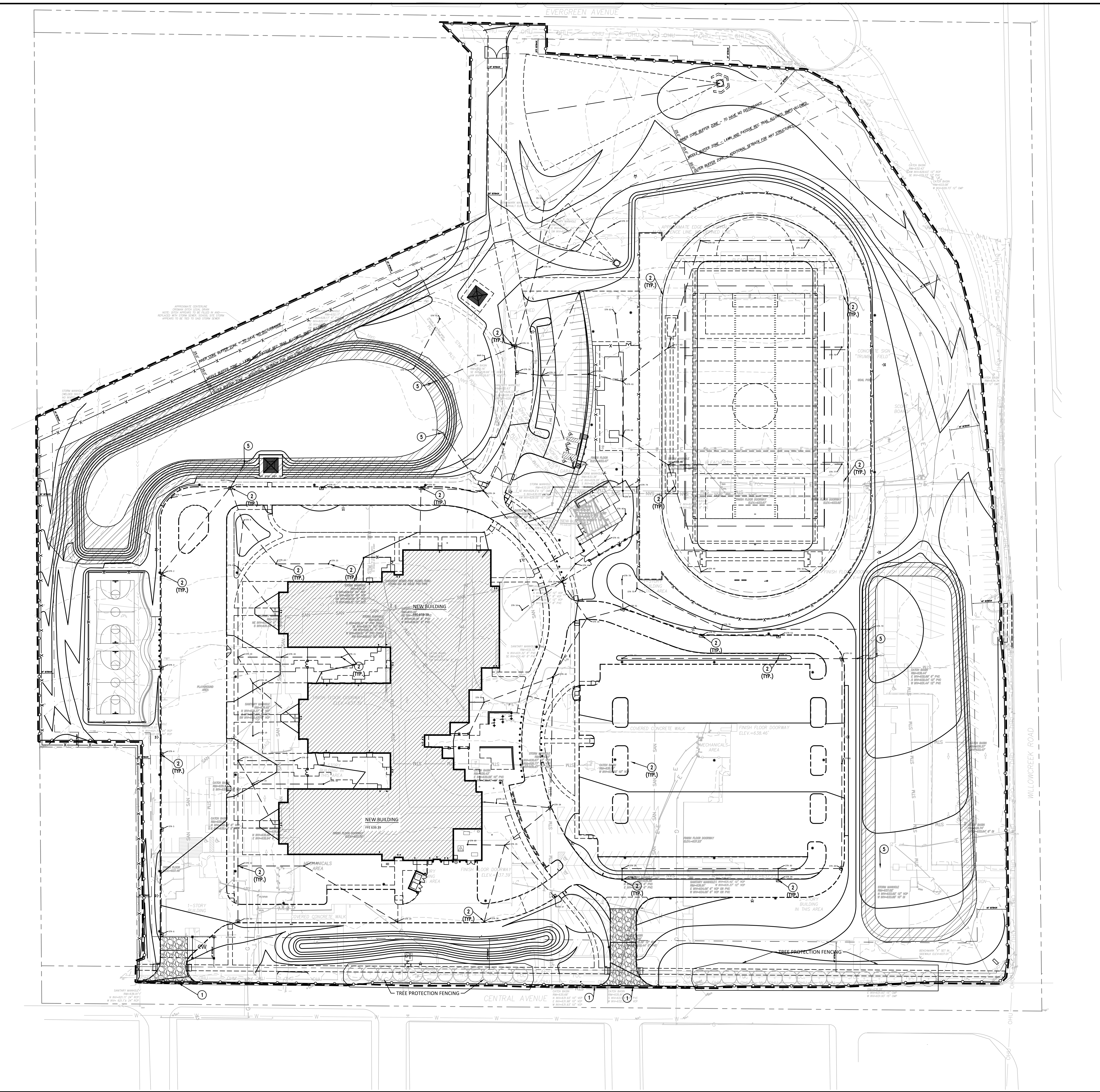

GENERAL NOTES

A. TEMPORARILY SEED ALL DISTURBED AREA.
B. REFER TO LANDSCAPE SHEETS FOR AREAS OF PERMANENT SEEDING AND/OR SOD.
C. REFER TO STORMWATER POLLUTION PREVENTION NOTES AND DETAIL SHEETS.
D. ALL PROPOSED EROSION AND SEDIMENT CONTROL SHALL BE IN CONFORMANCE WITH CHAPTER 600 OF THE CITY OF INDIANAPOLIS STORMWATER SPECIFICATIONS MANUAL, LATEST EDITION. DISCREPANCIES BETWEEN THE PLANS AND THE MANUAL SHALL NOT ALLEVIATE THE CONTRACTOR FROM ADHERING TO THE REQUIREMENTS AS SET FORTH IN THE MANUAL.
E. ADDITIONAL EROSION CONTROL AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED BY THE INSPECTOR.

○ PLAN NOTES

1. CONSTRUCTION ENTRANCE.
2. BASKET INLET PROTECTION.
3. SILT FENCE INLET PROTECTION.
4. RIPRAP SLOPE PROTECTION.
5. RIPRAP APRON.
6. CONSTRUCTION STAGING AND STORAGE AREA.
7. ROCK CHECK DAM.
8. TOPSOIL STOCKPILE AREA.

PLAN SYMBOLS

- CONCRETE WASHOUT AREA
- EROSION CONTROL BLANKET
- SILT FENCE
- PROPOSED STORM SEWERS
- CONSTRUCTION/GRADING LIMITS
- PROPOSED CONTOURS
- PROPOSED IMPROVEMENTS

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THE NEW WALLACE AYLESWORTH MIDDLE SCHOOL

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PORTAGE TOWNSHIP SCHOOLS

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ARCHITECT

FANNING HOWEY

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350 E. New York St. Suite 300, Indianapolis, Indiana 46204

CIVIL ENGINEER
LANDSCAPE ARCHITECT

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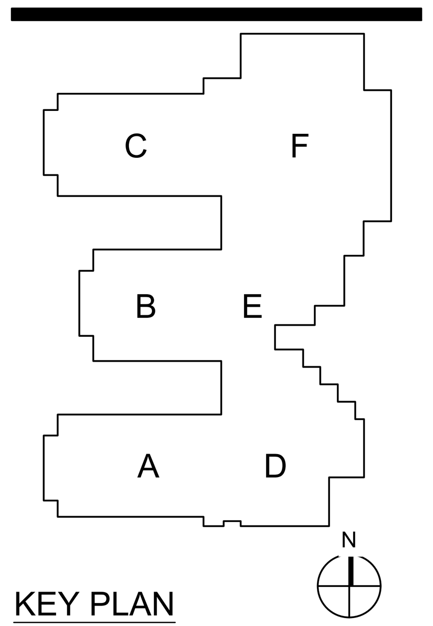

KEY PLAN

CONSTRUCTION DOCUMENTS

ANDREW D. SWANSON REGISTERED No. PE10200271 STATE OF INDIANA PROFESSIONAL ENGINEER

Andrew D. Swanson

DRAWN BY:
PROJECT NUMBER: 223047.01 24JPCSE81
PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

△1

OVERALL STORMWATER POLLUTION PREVENTION PLAN

C100

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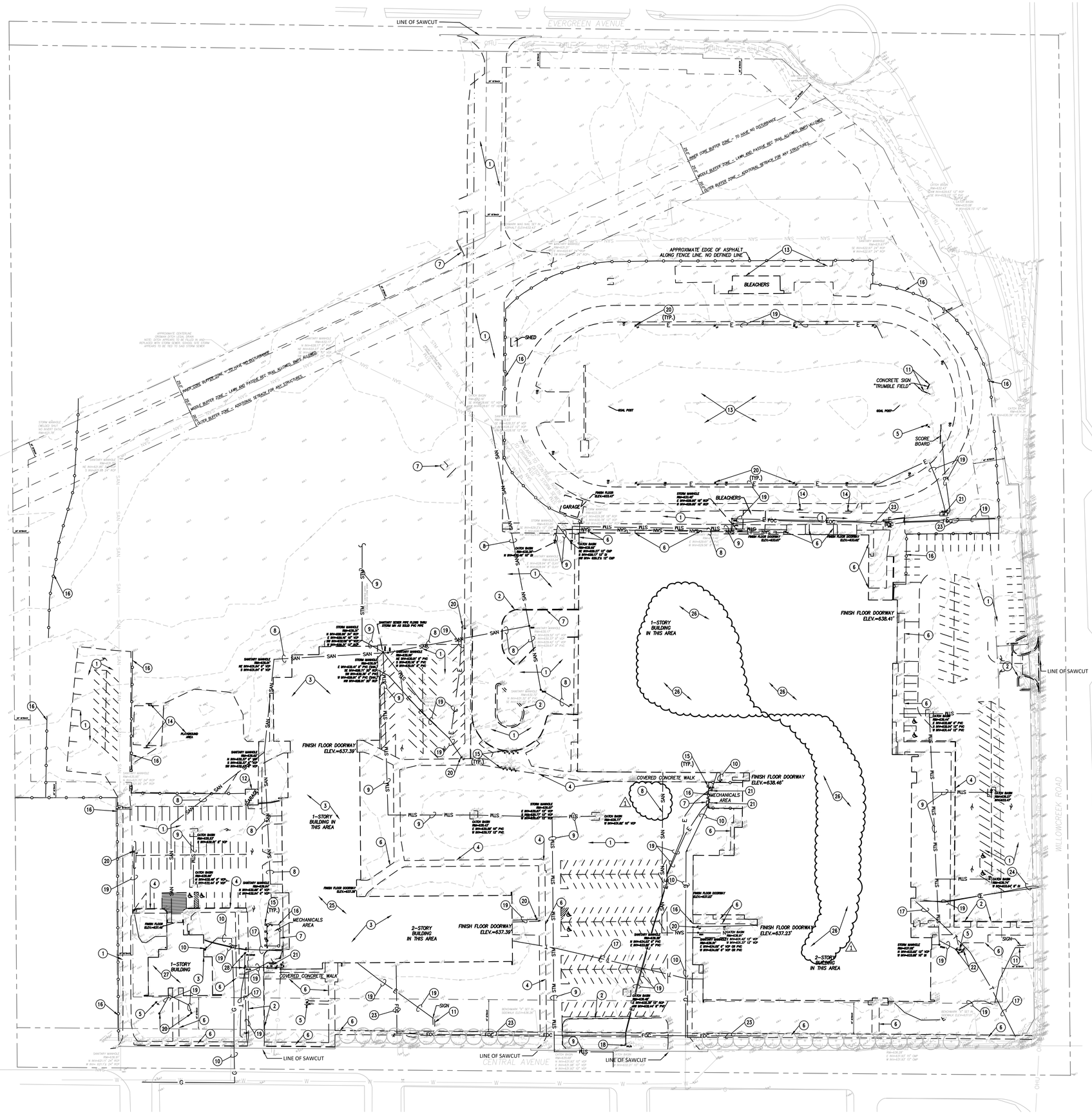

PLAN NOTES

1. REMOVE EXISTING ASPHALT PAVEMENT COMPLETE. MAKE STRAIGHT SAW-CUT AT TERMINATION.
2. REMOVE EXISTING CONCRETE CURB COMPLETE. MAKE STRAIGHT SAW-CUT AT TERMINATION.
3. REMOVE EXISTING BUILDING COMPLETE. CONTRACTOR TO DISCONNECTAND REMOVE ALL ASSOCIATED ELECTRICAL, MECHANICAL, PLUMBING AND SANITARY COMPLETE PRIOR TO BUILDING DEMOLITION. REMOVE ANY SANITARY AND STORM PIPING BELOW SLAB.
4. REMOVE EXISTING CONCRETE WALK AND CURB COMPLETE. MAKE STRAIGHT SAW-CUT AT NEXT ADJACENT JOINT.
5. REMOVE EXISTING FLAGPOLE.
6. REMOVE EXISTING CONCRETE WALK COMPLETE.
7. REMOVE EXISTING CONCRETE COMPLETE.
8. REMOVE EXISTING SANITARY AND ASSOCIATED STRUCTURES COMPLETE.
9. REMOVE EXISTING STORM PIPING AND ASSOCIATED STRUCTURES COMPLETE.
10. REMOVE EXISTING GAS METER AND GAS LINE COMPLETE.
11. REMOVE EXISTING GROUND SIGN COMPLETE.
12. REMOVE EXISTING GARAGE.
13. REMOVE EXISTING TRACK AND FIELD COMPLEX COMPLETE: RUNNING SURFACE, GOALPOST, SCOREBOARD, UNDER DRAINS & CATCH BASINS, AND BLEACHERS.
14. REMOVE EXISTING PLAYGROUND EQUIPMENT COMPLETE.
15. REMOVE EXISTING BOLLARD COMPLETE.
16. REMOVE EXISTING CHAIN LINK FENCE AND GATE.
17. REMOVE EXISTING TELECOMMUNICATION LINE.
18. RELOCATE EXISTING ELECTRICAL POLE. △1
19. REMOVE EXISTING ELECTRICAL LINE.
20. REMOVE EXISTING LIGHT POLE. COORDINATE WITH UTILITY COMPANY.
21. REMOVE EXISTING ELECTRICAL BOX.
22. REMOVE EXISTING GROUND LIGHTING FIXTURE.
23. REMOVE EXISTING FIBER OPTIC CABLE.
24. REMOVE EXISTING CABLE LINE.
25. EXISTING 1961 AYLESWORTH ELEMENTARY HAS A TUNNEL SYSTEM AROUND THE EXTERIOR FOOTPRINT. EXISTING DRAWINGS ARE AVAILABLE FOR CONTRACTOR REFERENCE.
26. EXISTING 1965 WILLOWCREEK MIDDLE WAS ORIGINALLY A HIGH SCHOOL. EXISTING DRAWINGS ARE AVAILABLE FOR CONTRACTOR REFERENCE. THE REMOVAL OF THIS STRUCTURE SHALL BE A FUTURE PHASE AND NOT IN CONTRACT.
27. NO EXISTING DRAWINGS ARE AVAILABLE.
28. REMOVE ELECTRIC POWER POLES AND POLE MOUNTED THREE PHASE TRANSFORMERS.

GENERAL NOTES

A. COORDINATE ALL DEMOLITION WITH THE PHASING PLAN.

B. ANY SITE FEATURES MADE OBSOLETE BY NEW CONSTRUCTION SHALL BE REMOVED.

△1

0 50 100 FEET
SCALE:1"=50'

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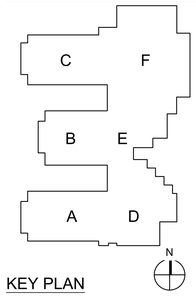
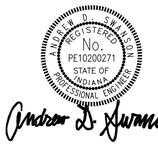


KEY PLAN

CONSTRUCTION DOCUMENTS



DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
△1	ADDENDUM 2	11-11-2025

OVERALL DEMOLITION PLAN

C200

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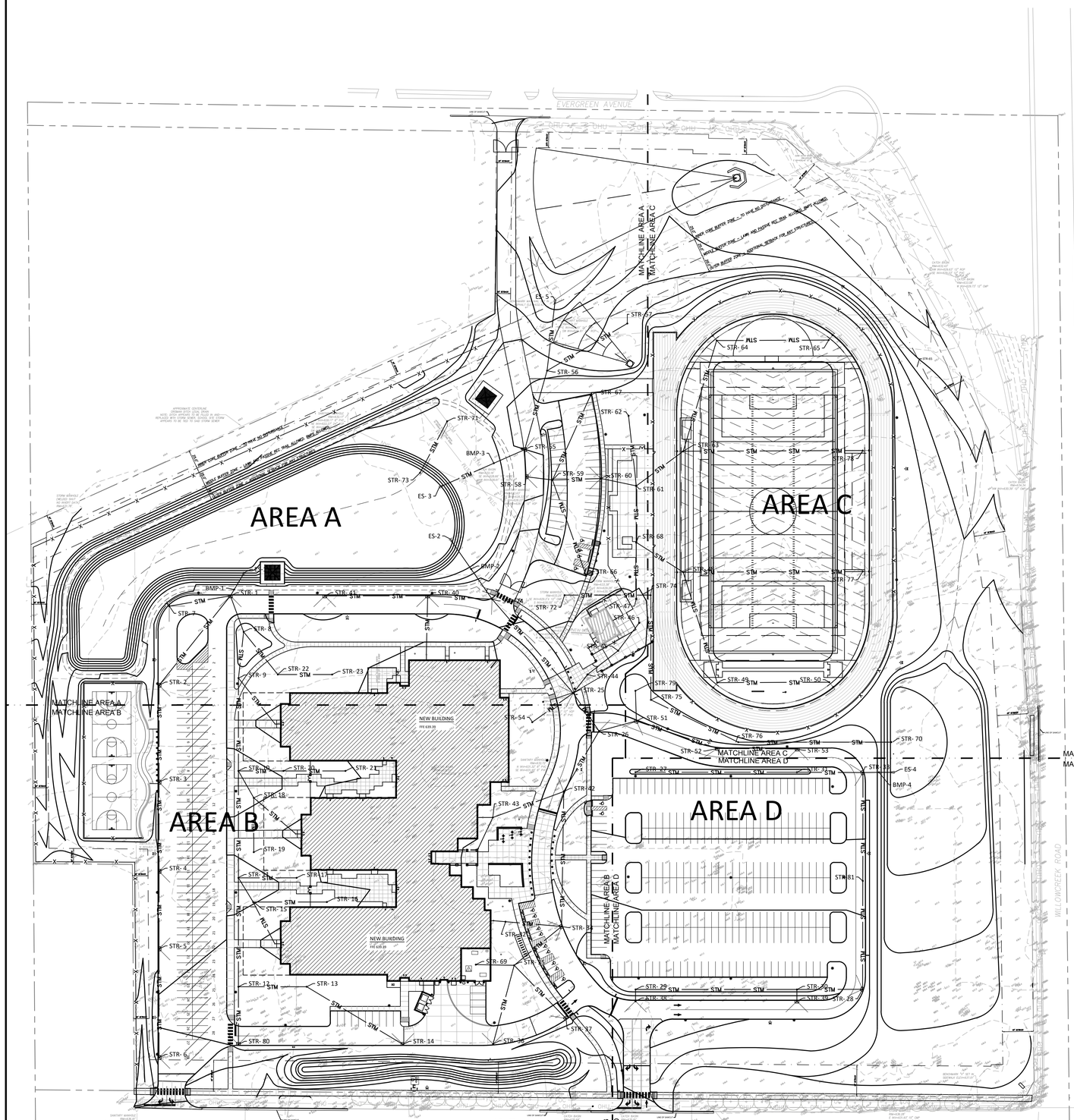

STRUCTURE SCHEDULE

MARK	INVERT		CASTING		STRUCTURE	
	INLET	OUTLET	ELEVATION	TYPE	TYPE	DETAIL
STR-1	W 631.18 SW 631.18 SE 631.18	631.18	637.50	R-3286-8V	STORM MANHOLE	C410
STR-2	631.91	631.91	637.55	R-3286-8V	INLET	C410
STR-3	632.54	632.54	636.00	R-3286-8V	INLET	C410
STR-4	633.13	633.13	635.75	R-3286-8V	INLET	C410
STR-5	633.63	633.63	637.30	R-3286-8V	INLET	C410
STR-6	-	634.34	637.70	R-3286-8V	INLET	C410
STR-7	-	631.58	637.00	R-3286-8V	INLET	C410
STR-8	SE 632.43 S 631.43	631.43	637.50	R-2510-A	STORM MANHOLE	C410
STR-9	SE 632.73 S 631.73	631.73	638.40	R-1772	STORM MANHOLE	C410
STR-10	E 632.30 SE 632.30 S 632.30	632.30	637.30	R-2510-A	INLET	C410
STR-11	E 632.49 SE 632.99 S 632.99	632.99	637.30	R-2510-A	INLET	C410
STR-12	634.19	633.69	638.40	R-2510-A	INLET	C410
STR-13	634.13	634.13	638.20	R-2510-A	INLET	C410
STR-14	-	634.86	638.00	R-3287-10V	INLET	C410
STR-15	E 633.17 SE 633.67	633.17	638.50	R-2510-A	INLET	C410
STR-16	-	633.64	638.65	R-2510-A	INLET	C410
STR-17	-	633.86	638.65	R-2510-A	INLET	C410
STR-18	SE 633.50 S 633.50	633.50	638.00	R-2510-A	INLET	C410
STR-19	-	633.85	638.00	R-2510-A	INLET	C410
STR-20	633.59	633.59	638.60	R-2510-A	INLET	C410
STR-21	-	633.99	638.80	R-2510-A	INLET	C410
STR-22	632.78	632.78	638.60	R-2510-A	INLET	C410
STR-23	-	633.13	638.60	R-2510-A	INLET	C410
STR-24	SE 631.00 W 631.75	631.00	636.70	R-3286-8V	STORM MANHOLE	C410
STR-25	NE 632.55 SE 631.80 SW 632.80	631.80	638.25	R-3286-8V	STORM MANHOLE	C410
STR-26	E 632.60 SW 632.10	632.10	637.50	R-3286-8V	STORM MANHOLE	C410
STR-27	-	633.96	636.40	R-2510-A	STORM MANHOLE	C410
STR-28	633.34	633.34	637.70	R-3286-8V	STORM MANHOLE	C410
STR-29	634.12	634.12	636.40	R-2510-A	STORM MANHOLE	C410
STR-30	W 633.60 S 634.00	633.60	637.90	R-2510-A	STORM MANHOLE	C410
STR-31	632.92	632.92	637.50	R-2510-A	INLET	C410
STR-32	635.00	634.77	638.00	R-2510-A	INLET	C410
STR-33	632.50	632.50	638.80	R-3286-8V	INLET	C410
STR-34	W 634.40 SW 634.07	633.42	638.00	R-3286-8V	STORM MANHOLE	C410
STR-35	SE 634.47 S 634.47 W 634.47	634.47	638.80	R-2510-A	STORM MANHOLE	C410
STR-36	-	635.00	638.00	R-3287-10V	INLET	C410
STR-37	-	634.95	638.00	R-3286-8V	INLET	C410
STR-38	-	634.17	638.00	R-3286-8V	INLET	C410
STR-39	-	634.05	638.00	R-3286-8V	INLET	C410
STR-40	S 632.67 W 632.81	632.17	638.25	R-3286-8V	INLET	C410
STR-41	-	633.47	637.00	R-3286-8V	INLET	C410
STR-42	632.55	632.55	638.00	R-3286-8V	STORM MANHOLE	C410
STR-43	SW 634.12 W 633.79	633.29	638.50	R-2510-A	STORM MANHOLE	C410
STR-44	632.70	632.70	638.00	R-3405	STORM MANHOLE	C410
STR-45	632.95	632.95	637.00	R-3405	STORM MANHOLE	C410
STR-46	-	633.18	638.00	R-3405	STORM MANHOLE	C410
STR-47	-	632.84	637.25	R-3405	STORM MANHOLE	C410
STR-48	E 633.21 S 632.61	632.61	637.05	R-1772	STORM MANHOLE	C410
STR-49	633.28	633.28	637.05	R-1772	STORM MANHOLE	C410
STR-50	-	633.78	637.05	R-1772	INLET	C410
STR-51	632.85	632.85	637.50	R-3286-8V	INLET	C410
STR-52	633.40	633.40	637.50	R-3286-8V	INLET	C410
STR-53	-	633.92	638.00	R-3286-8V	INLET	C410
STR-54	-	633.13	638.50	R-2510-A	INLET	C410
STR-55	N 631.10 S 631.10	631.10	636.00	R-3286-8V	STORM MANHOLE	C410
STR-56	631.63	631.63	635.50	R-2510-A	INLET	C410
STR-57	-	632.23	634.50	R-2510-A	INLET	C410
STR-58	631.28	631.28	635.50	R-3286-8V	STORM MANHOLE	C410
STR-59	N 632.21 E 631.46 S 631.96	631.46	636.00	R-1772	STORM MANHOLE	C410
STR-60	631.78	631.78	635.50	R-3286-8V	STORM MANHOLE	C410
STR-61	N 633.11 E 632.00 S 632.00	632.00	637.00	R-3405	STORM MANHOLE	C410
STR-62	-	633.56	637.00	R-2510-A	STORM MANHOLE	C410
STR-63	N 632.38 E 633.05	632.38	637.05	R-1772	STORM MANHOLE	C410
STR-64	633.13	633.13	637.05	R-1772	STORM MANHOLE	C410
STR-65	-	633.85	637.05	R-1772	STORM MANHOLE	C410
STR-66	-	632.61	635.50	R-3286-8V	INLET	C410
STR-67	-	632.81	635.50	R-3286-8V	INLET	C410
STR-68	SE 632.25 S 632.36	632.25	637.00	R-3405	INLET	C410
STR-69	-	634.72	638.50	R-3405	INLET	C410
STR-70	632.30	632.25	636.00	R-2510-A	CONTROL OUTLET	C310
STR-71	629.35	EXIST. 629.35	634.60	R-1772	STORM MANHOLE OVER EXISTING	C410
STR-72	628.75	EXIST. 630.00	637.50	R-1772	STORM MANHOLE OVER EXISTING	C410
STR-73	630.00	629.25	634.50	R-2510-A	CONTROL OUTLET	C310
STR-74	630.45	630.45	637.35	R-1772	STORM MANHOLE	C410
STR-75	630.99	630.99	636.80	R-1772	STORM MANHOLE	C410
STR-76	631.49	631.49	636.90	R-1772	STORM MANHOLE	C410
STR-77	-	634.01	637.05	R-1772	STORM MANHOLE	C410
STR-78	-	633.85	637.05	R-1772	STORM MANHOLE	C410
STR-79	-	633.05	636.50	R-2510-A	INLET	C410
STR-80	-	634.57	638.90	R-3286-8V	INLET	C410
STR-81	632.92	632.92	638.40	R-1772	STORM MANHOLE	C410
ES-1	631.00	631.00	-	-	CONCRETE END SECTION	C410
ES-2	630.50	630.50	-	-	CONCRETE END SECTION	C410
ES-3	630.50	630.50	-	-	CONCRETE END SECTION	C410
ES-4	632.30	632.30	-	-	CONCRETE END SECTION	C410
ES-5	631.86	631.86	-	-	CONCRETE END SECTION	C410
BMP-1	631.13	631.13	637.50	-	CONTECH CASCADE CS-10	C310
BMP-2	630.77	630.77	636.30	-	CONTECH CASCADE CS-12	C310
BMP-3	630.88	630.88	635.80	-	CONTECH CASCADE CS-10	C310
BMP-4	632.40	632.40	636.50	-	CONTECH CASCADE CS-10	C310

GENERAL NOTES

A. REFER TO UTILITY DETAILS FOR NOTE REFERENCES. FOR SPECIALTY TRACK DRAINAGE-REFER TO IMPROVEMENT DETAILS.
B. ALL CASTINGS SHALL HAVE THE WORDS 'NO DUMPING DRAINS TO STREAM" CAST IN RAISED OR RECESSED LETTERS AT A MINIMUM OF 1" HEIGHT. A SYMBOL OF A FISH SHALL ALSO BE CAST WITH THE LETTERS.
C. CASTINGS TO BE NEENAH TYPE OR APPROVED EQUAL.
D. CONTRACTOR TO VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.

○ PLAN NOTES

1. 6" INLET SUBSURFACE DRAIN.
2. 1"X12" ADS FLAT PIPE UNDERDRAIN. SLOPE AT .5%. LAY ON TOP OF GEOTEXTILE FILTER FABRIC PLACES ON SUBGRADE. LAY END OVER PERIMETER DRAIN.
3. 12" DIA. ATHLETIC FIELD DRAIN PERIMETER DRAIN. TIE INTO NEAREST STORM STRUCTURE. HIGH POINT RUNS EAST/ WEST AT CENTER FIELD.
4. ACO SPORT DRAIN SYSTEM 4000 TRENCH DRAIN WITH ADA PLASTIC DRAIN GRATE AND QUICK LOCK LOCKING BAR IN COLOR AS SELECTED BY ARCHITECT.
5. ACO SPORT DRAIN SYSTEM 2000 SLOT DRAIN IN TRACK "D" ZONE.
6. 4" DIA. LONG JUMP UNDERDRAIN. COORDINATE INSTALLATION WITH LONG JUMP CONSTRUCTION AND TIE INTO NEAREST STORM STRUCTURE.
7. 6" MINIMUM TOPSOIL IN LAWN AND PLANTING AREAS AS NOTED. BACKFILL WITH TOPSOIL FLUSH WITH ANY ADJACENT WALKS OR PAVED AREAS.
8. DRAIN LINE FROM ACO TRENCH DRAIN CATCHMENT BASKETS TO FIT INTO NEAREST STORM STRUCTURE.

PROJECT ALTERNATES

- SYNTHETIC TURF FOOTBALL FIELD.
- STADIUM BUILDING.
- STADIUM FOOTBALL LIGHTING.
- BASKETBALL COURTS.
- NORTH PARKING LOT.

0 60 120 FEET
SCALE:1"=60'

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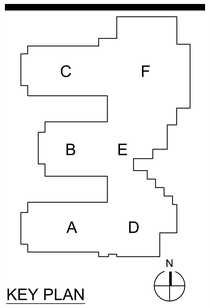

KEY PLAN

CONSTRUCTION DOCUMENTS

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

OVERALL SITE GRADING & DRAINAGE PLAN

C300

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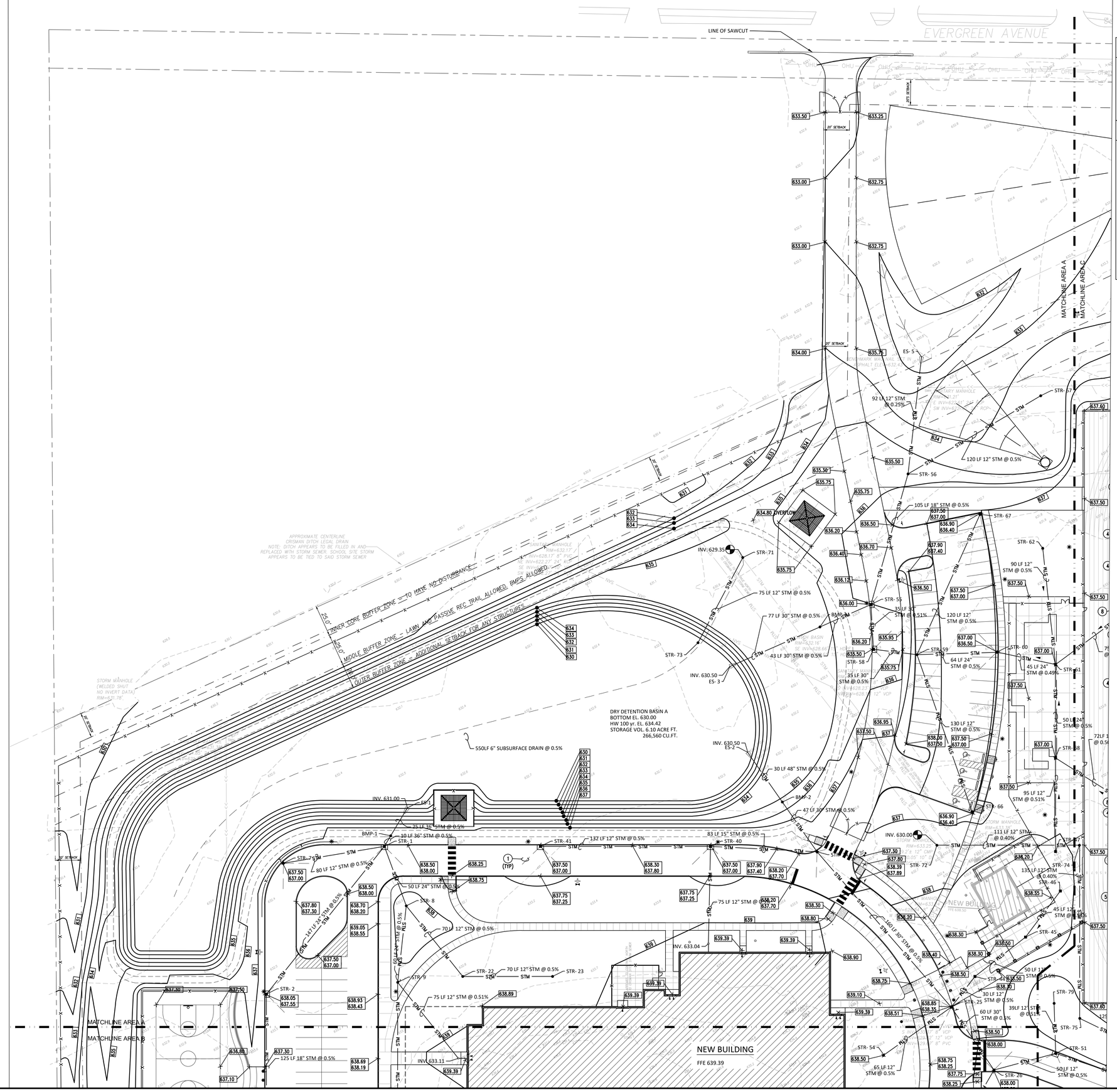

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D. CONTRACTOR TO VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.

○ PLAN NOTES

1. 6" INLET SUBSURFACE DRAIN.
2. 1"X12" ADS FLAT PIPE UNDERDRAIN. SLOPE AT .5%. LAY ON TOP OF GEOTEXTILE FILTER FABRIC PLACES ON SUBGRADE. LAY END OVER PERIMETER DRAIN.
3. 12" DIA. ATHLETIC FIELD DRAIN PERIMETER DRAIN. TIE INTO NEAREST STORM STRUCTURE. HIGH POINT RUNS EAST/ WEST AT CENTER FIELD.
4. ACO SPORT DRAIN SYSTEM 4000 TRENCH DRAIN WITH ADA PLASTIC DRAIN GRATE AND QUICK LOCK LOCKING BAR IN COLOR AS SELECTED BY ARCHITECT.
5. 4" DIA. UNDERDRAIN BELOW LANE 1.
6. 4" DIA. LONG JUMP UNDERDRAIN. COORDINATE INSTALLATION WITH LONG JUMP CONSTRUCTION AND TIE INTO NEAREST STORM STRUCTURE.
7. 6" MINIMUM TOPSOIL IN LAWN AND PLANTING AREAS AS NOTED. BACKFILL WITH TOPSOIL FLUSH WITH ANY ADJACENT WALKS OR PAVED AREAS.
8. DRAIN LINE FROM ACO TRENCH DRAIN CATCHMENT BASKETS TO FIT INTO NEAREST STORM STRUCTURE.

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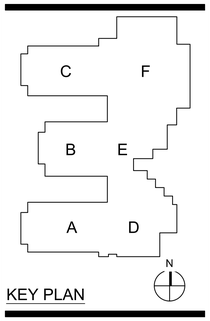
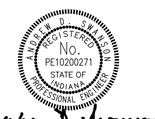


KEY PLAN

CONSTRUCTION DOCUMENTS



DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

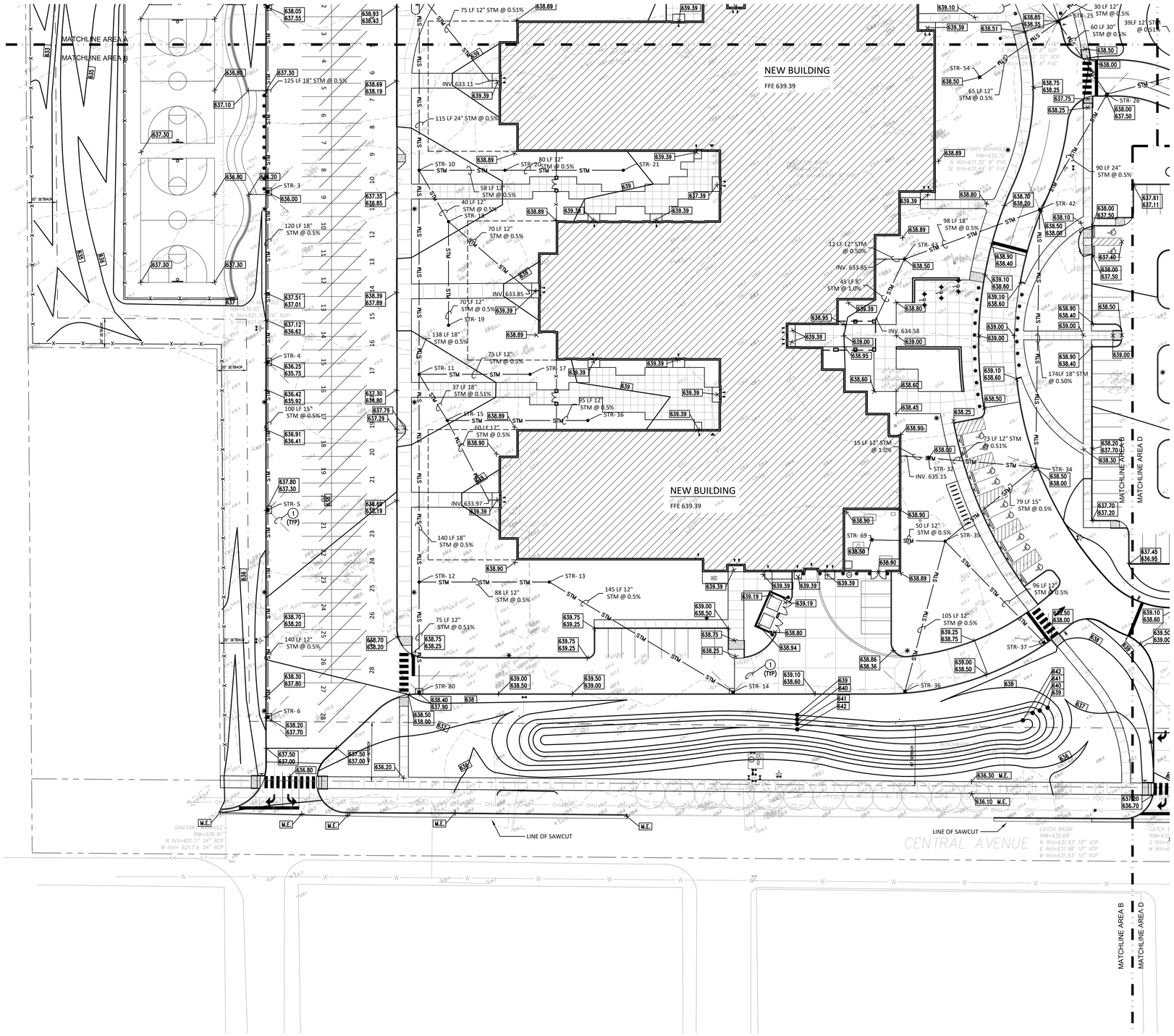
REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

SITE GRADING & DRAINAGE PLAN AREA-A

1 C301

0 30 60 FEET
SCALE:1"=30'

JPS Consulting Engineers - K:\Civil Projects\2024\24JPSC81 Portage Township Schools - Willowcreek Middle School\Drawings\C300.dwg November 11, 2025 - 11:34 AM ZwilkinsonJ



GENERAL NOTES

A. REFER TO UTILITY DETAILS FOR NOTE REFERENCES. FOR SPECIALTY TRACK DRAINAGE-REFER TO IMPROVEMENT DETAILS.
B. ALL CASTINGS SHALL HAVE THE WORDS 'NO DUMPING DRAINS TO STREAM" CAST IN RAISED OR RECESSED LETTERS AT A MINIMUM OF 1" HEIGHT. A SYMBOL OF A FISH SHALL ALSO BE CAST WITH THE LETTERS.
C. CASTINGS TO BE NEENAH TYPE OR APPROVED EQUAL.
D. CONTRACTOR TO VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.

PLAN NOTES

1. 6" INLET SUBSURFACE DRAIN.
2. 1"X12" ADS FLAT PIPE UNDERDRAIN. SLOPE AT .5%. LAY ON TOP OF GEOTEXTILE FILTER FABRIC PLACES ON SUBGRADE. LAY END OVER PERIMETER DRAIN.
3. 12" DIA. ATHLETIC FIELD DRAIN PERIMETER DRAIN. TIE INTO NEAREST STORM STRUCTURE. HIGH POINT RUNS EAST/ WEST AT CENTER FIELD.
4. ACO SPORT DRAIN SYSTEM 4000 TRENCH DRAIN WITH ADA PLASTIC DRAIN GRATE AND QUICK LOCK LOCKING BAR IN COLOR AS SELECTED BY ARCHITECT.
5. 4" DIA. UNDERDRAIN BELOW LANE 1.
6. 4" DIA. LONG JUMP UNDERDRAIN. COORDINATE INSTALLATION WITH LONG JUMP CONSTRUCTION AND TIE INTO NEAREST STORM STRUCTURE.
7. 6" MINIMUM TOPSOIL IN LAWN AND PLANTING AREAS AS NOTED. BACKFILL WITH TOPSOIL FLUSH WITH ANY ADJACENT WALKS OR PAVED AREAS.
8. DRAIN LINE FROM ACO TRENCH DRAIN CATCHMENT BASKETS TO FIT INTO NEAREST STORM STRUCTURE.

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THE NEW WALLACE AYLESWORTH MIDDLE SCHOOL

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LANDSCAPE ARCHITECT

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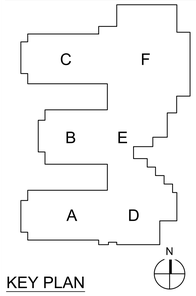


KEY PLAN

CONSTRUCTION DOCUMENTS

ANDREW D. SWANSON REGISTERED No. PE10200271 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

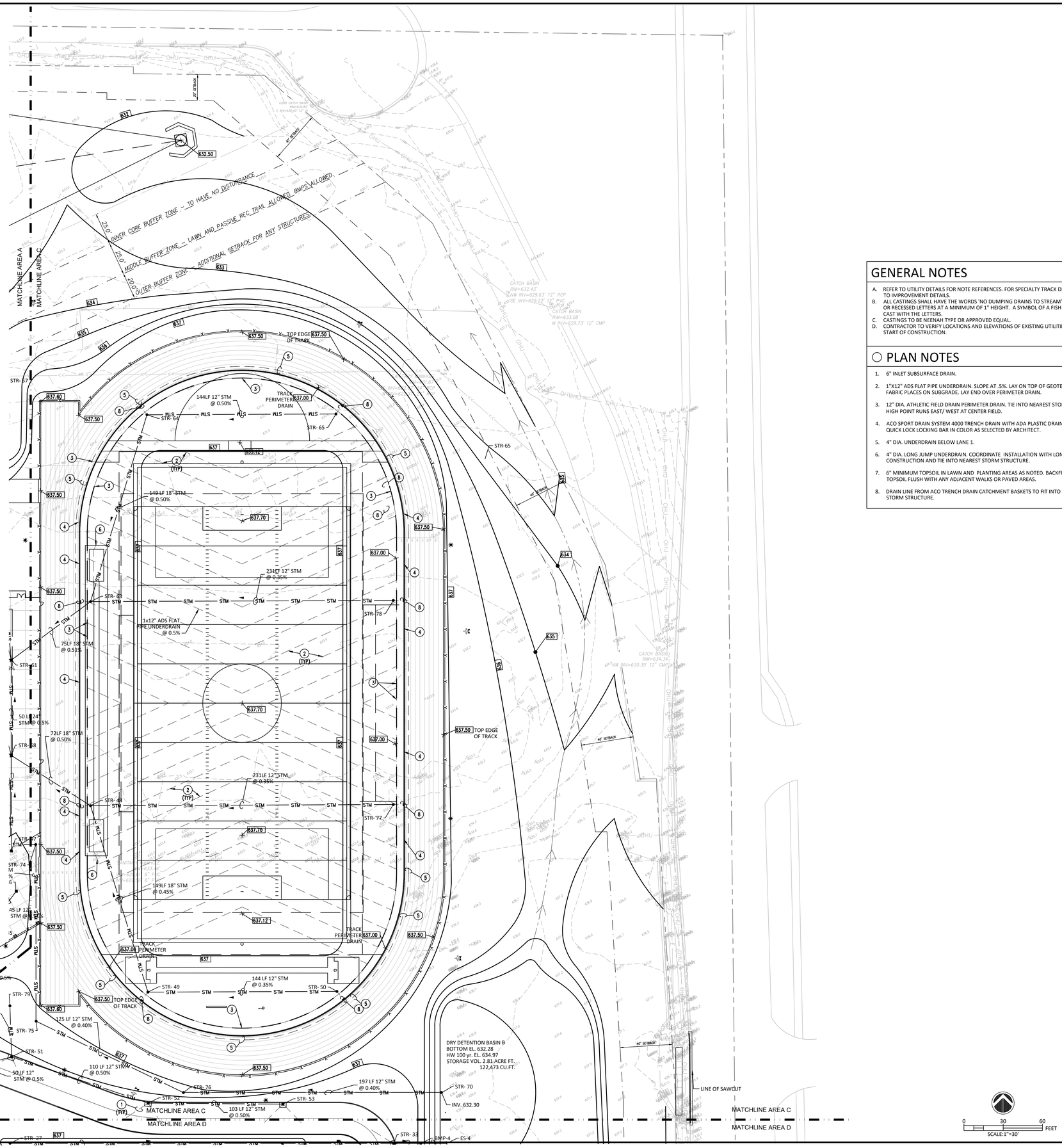
PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

SITE GRADING & DRAINAGE PLAN AREA-B

C302

JPS Consulting Engineers - K:\Civil Projects\2024\24JPSCSE1 Portage Township Schools - Willowcreek Middle School\Drawings\C300.dwg November 11, 2025 - 11:34 AM Zwilkinson



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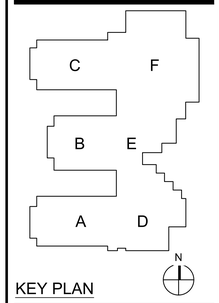

KEY PLAN

CONSTRUCTION DOCUMENTS

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

SITE GRADING & DRAINAGE PLAN AREA-C

1 C303

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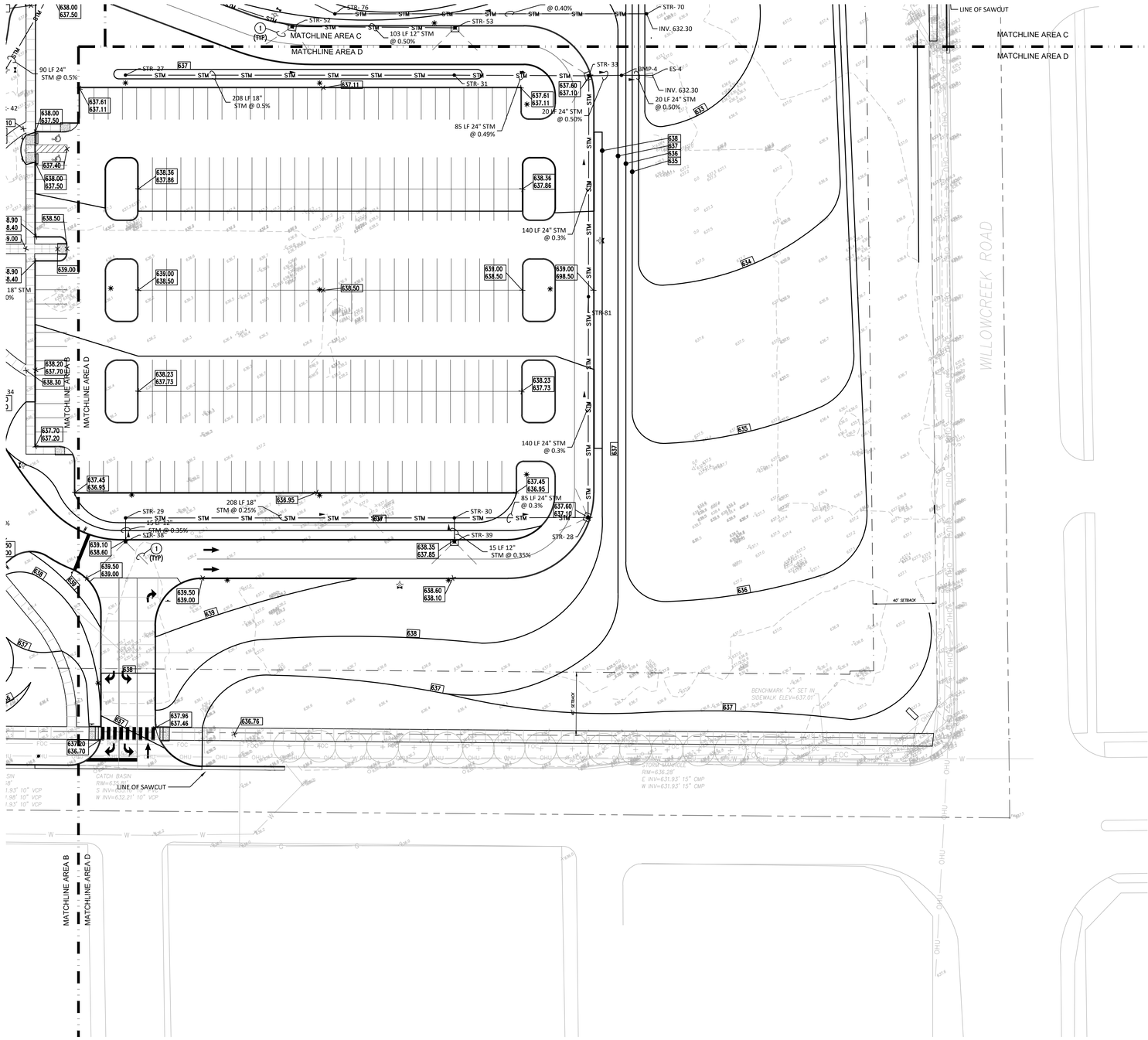

0 30 60 FEET
SCALE:1"=30'

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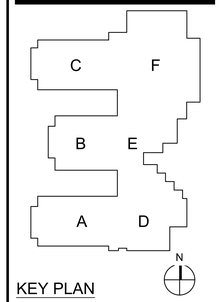


KEY PLAN

CONSTRUCTION DOCUMENTS

ANDREW D. JAMISON REGISTERED No. PE10200271 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

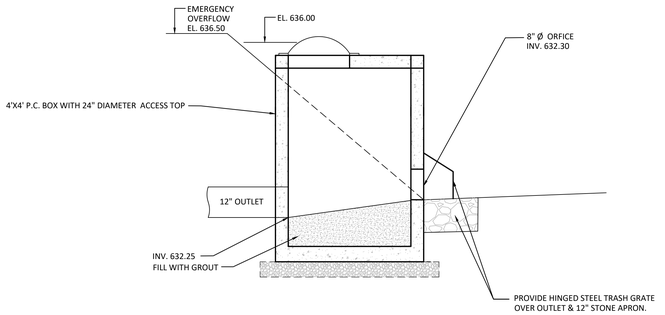
PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

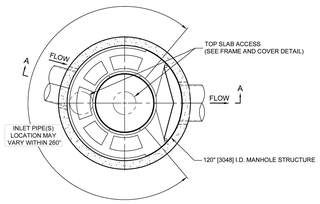
SITE GRADING & DRAINAGE PLAN AREA-D

1 **C304**

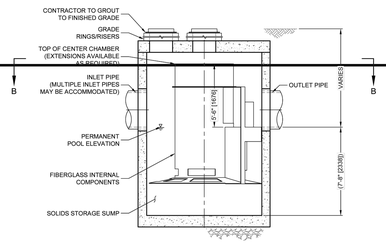
JPS Consulting Engineers - K:\Civil Projects\2024\24JPSC81 Portage Township Schools - Willowcreek Middle School\Drawings\C300.dwg November 11, 2025 - 11:34 AM Zwilkinson



2 STR 70 - OUTLET STRUCTURE
NO SCALE



PLAN VIEW B-B
NOT TO SCALE



ELEVATION A-A
NOT TO SCALE

CASCADE
separator™

CASCADE SEPARATOR DESIGN NOTES

THE STANDARD CS-10 CONFIGURATION IS SHOWN. ALTERNATE CONFIGURATIONS ARE AVAILABLE AND ARE LISTED BELOW. SOME CONFIGURATIONS MAY BE COMBINED TO SUIT SITE REQUIREMENTS.

INTERNAL COMPONENTS WILL BE FIELD INSTALLED. CONTACT YOUR CONTECH REPRESENTATIVE FOR ADDITIONAL INFORMATION.

CONFIGURATION DESCRIPTION
GRATED INLET ONLY (NO INLET PIPE)
GRATED INLET WITH INLET PIPE OR PIPES
CURB INLET ONLY (NO INLET PIPE)
CURB INLET WITH INLET PIPE OR PIPES

CONTECH

FRAME AND COVER
(DIAMETER VARIES)
NOT TO SCALE

SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID			
WATER QUALITY FLOW RATE (cfs [L/s])			
PEAK FLOW RATE (cfs [L/s])			
RETURN PERIOD OF PEAK FLOW (yrs)			
RIM ELEVATION			
PIPE DATA:	INVERT	MATERIAL	DIAMETER
INLET PIPE 1			
INLET PIPE 2			
OUTLET PIPE			
NOTES / SPECIAL REQUIREMENTS:			

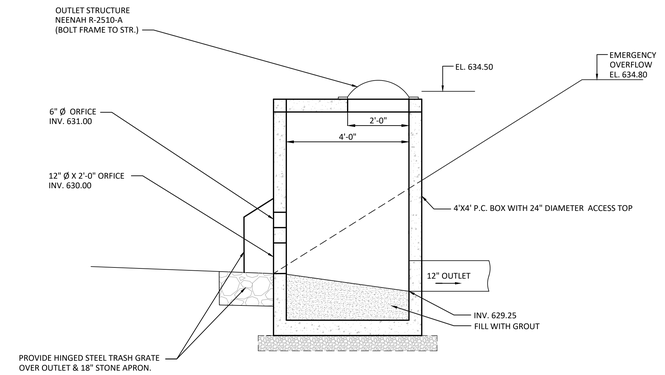
GENERAL NOTES
1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.ContechES.com
3. CASCADE SEPARATOR WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
4. CASCADE SEPARATOR STRUCTURE SHALL MEET AASHTO HS20 LOAD RATING, ASSUMING EARTH COVER OF 0' - 2' [610], AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 AND BE CAST WITH THE CONTECH LOGO.
5. CASCADE SEPARATOR STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C478 AND AASHTO LOAD FACTOR DESIGN METHOD.
6. ALTERNATE UNITS ARE SHOWN IN MILLIMETERS [mm].

INSTALLATION NOTES
A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CASCADE SEPARATOR MANHOLE STRUCTURE.
C. CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
D. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET AND OUTLET PIPE(S). MATCH PIPE INVERTS WITH ELEVATIONS SHOWN. ALL PIPE CENTERLINES TO MATCH PIPE OPENING CENTERLINES.
E. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

CONTECH
ENGINEERED SOLUTIONS LLC
www.contechES.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7993 FAX

CS-10
CASCADE SEPARATOR
STANDARD DETAIL

3 CONTECH CASCADE SEPARATOR CS-10
NO SCALE



1 STR 73 - OUTLET STRUCTURE
NO SCALE

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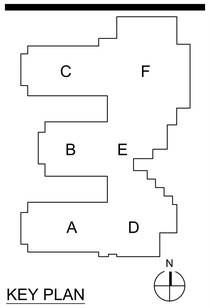
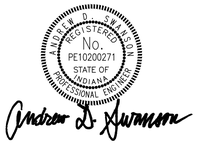


KEY PLAN

CONSTRUCTION DOCUMENTS



DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

OVERALL SITE DRAINAGE DETAILS

1 C310

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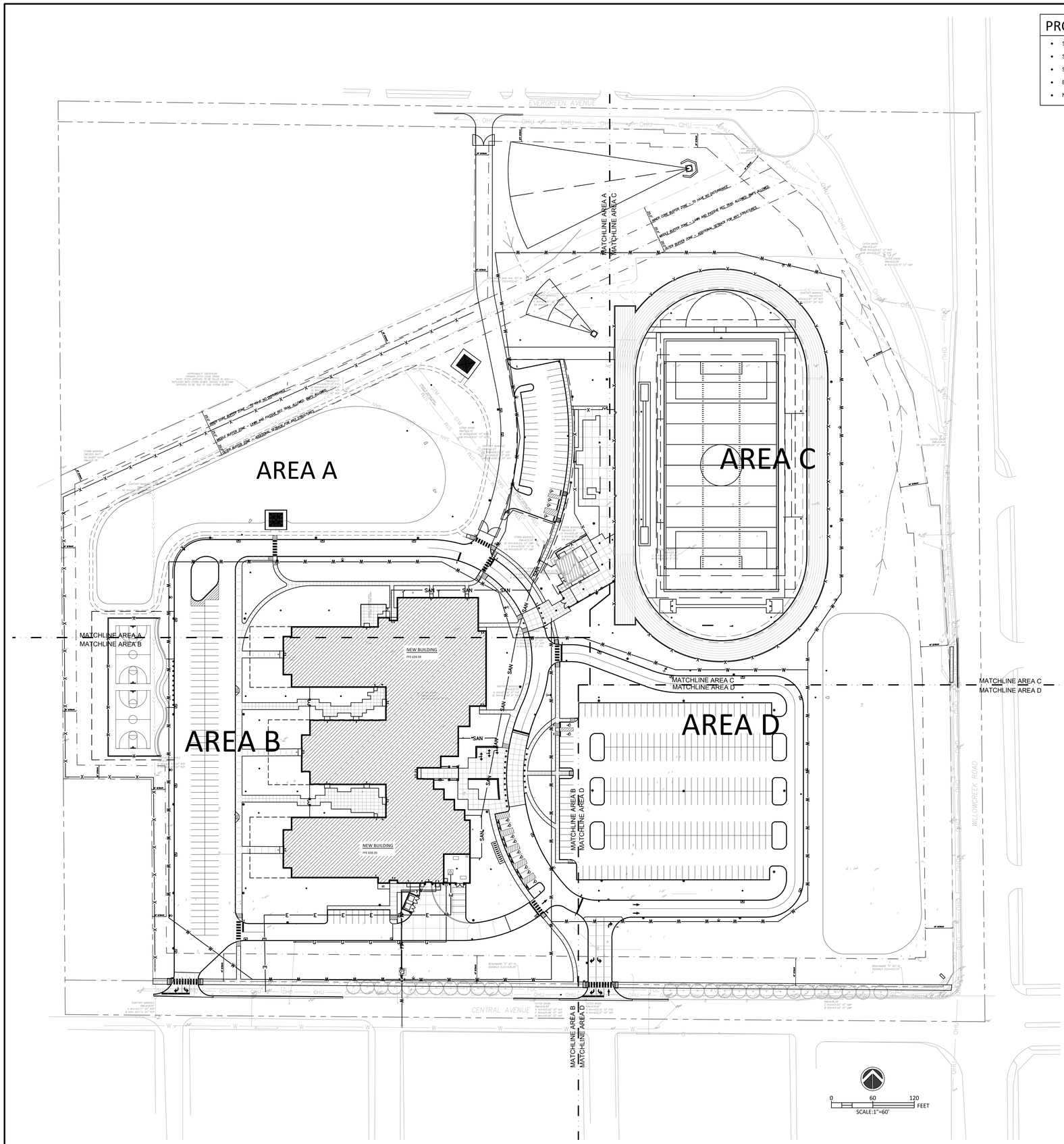
I:\COMMON\CAD\TREATMENT\21 CASCADE\3D STANDARD DRAWINGS\SVG\CS-10.DTL.DWG 10/27/2019 9:49 AM



PROJECT ALTERNATES

- SYNTHETIC TURF FOOTBALL FIELD.
- STADIUM BUILDING.
- STADIUM FOOTBALL LIGHTING.
- BASKETBALL COURTS.
- NORTH PARKING LOT.

GENERAL NOTES

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C. CASTINGS TO BE NEENAH TYPE OR APPROVED EQUAL.
D. CONTRACTOR TO VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.
E. AT ALL WATER AND SEWER CROSSINGS, MAINTAIN A MINIMUM 18" VERTICAL SEPARATION BETWEEN WATER PIPE AND SEWER PIPE. WHERE WATER AND SEWER RUN PARALLEL, MAINTAIN A MINIMUM 10 FEET OF SEPARATION BETWEEN WATER PIPE AND SEWER PIPE.

○ PLAN NOTES

1. NEW GAS METER BY NIPSCO.
2. NEW GAS SERVICE LINE.
3. NEW WATER SERVICE TAP.
4. NEW 6" WATER LINE.
5. NEW 6" FIRE PROTECTION LINE.
6. NEW 4" DOMESTIC WATER LINE.
7. NEW FDC.
8. NEW 8" WATER LINE.
9. NEW ELECTRICAL FEED.
10. NEW 6" PVC SANITARY LATERAL @ 1.04% WITH TRACER WIRE.
11. CONTRACTOR TO FIELD VERIFY EXISTING SANITARY SEWER LOCATION, ELEVATION AND SIZE.
12. COORDINATE SIZE, LOCATION AND ELEVATION OF PIPING WITH PLUMBING PLANS.
13. NEW EXTERIOR CLEANOUT.
14. NEW 8" PVC SANITARY LATERAL @ 0.45% WITH TRACER WIRE.

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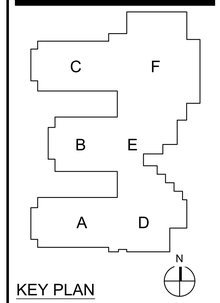

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ANDREW D. JOHNSON REGISTERED No. PE10200271 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

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OVERALL SITE UTILITY PLAN

C400

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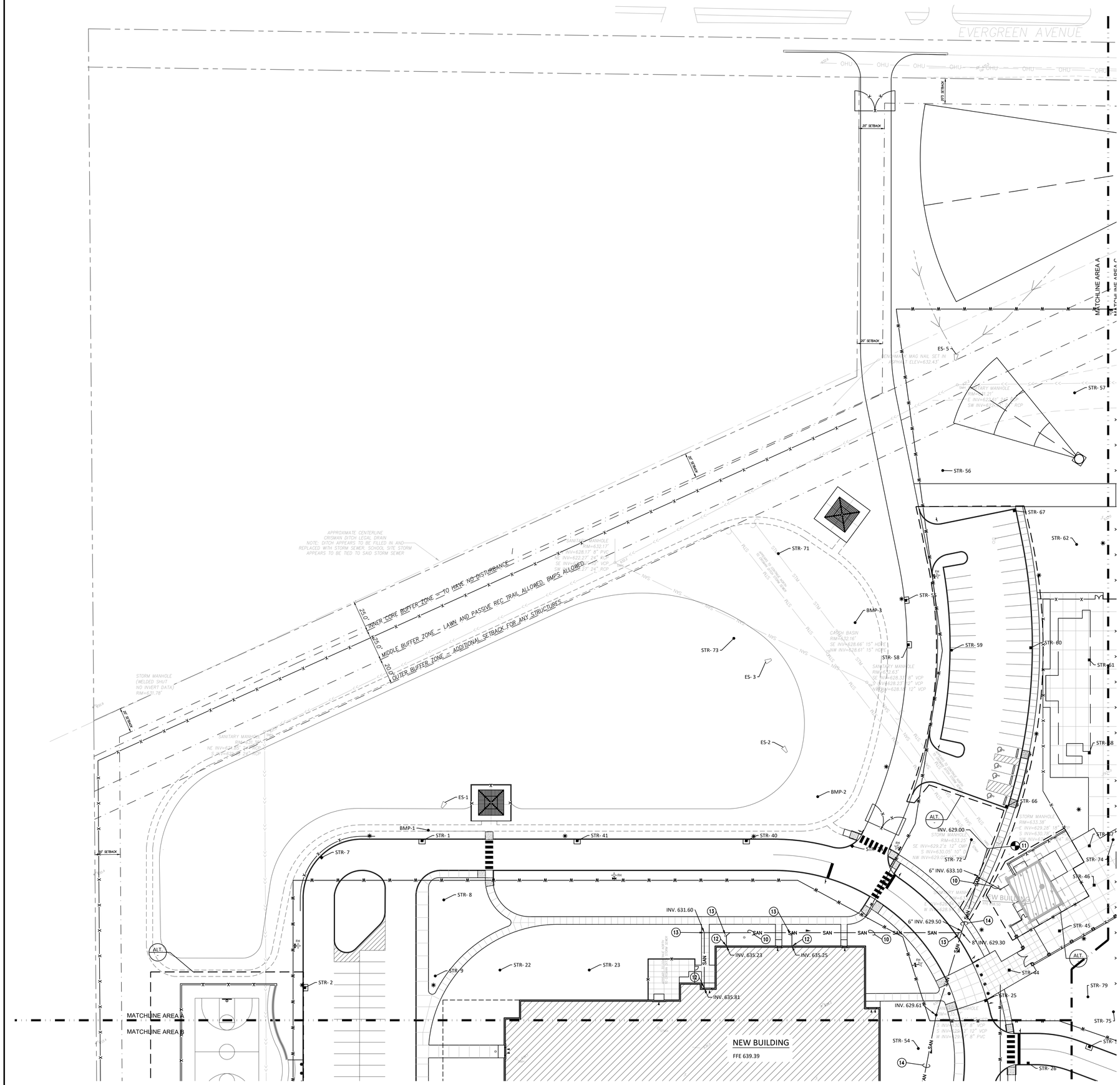

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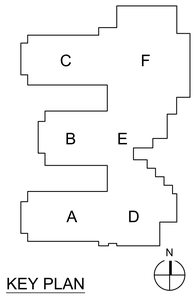

KEY PLAN

CONSTRUCTION DOCUMENTS

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

SITE UTILITY PLAN AREA 'A'

C401

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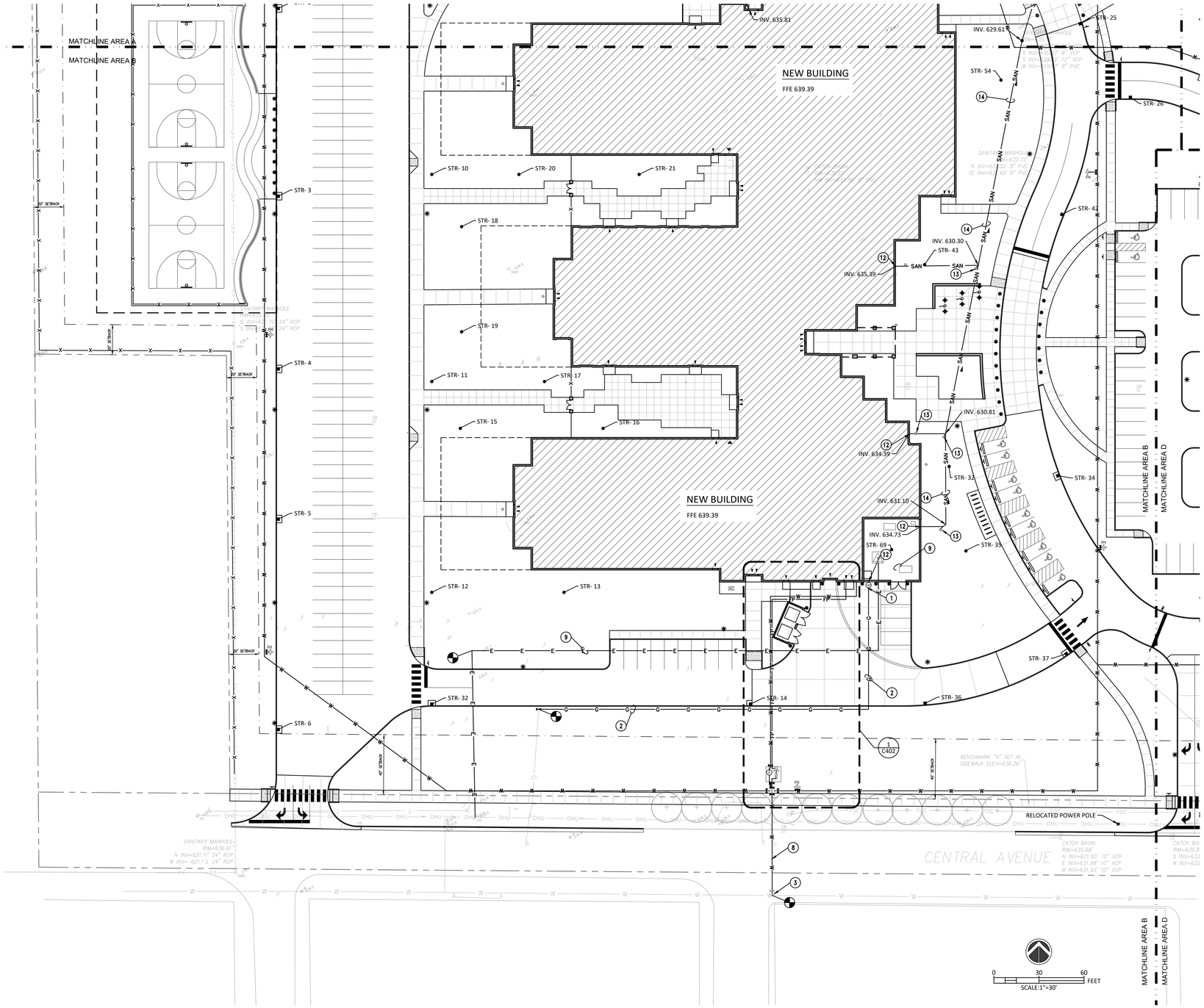
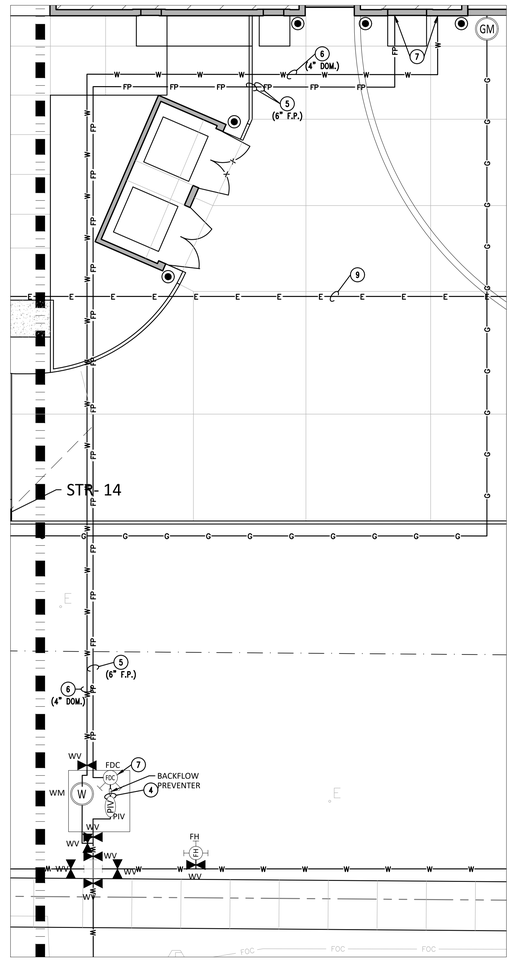
GENERAL NOTES

A. REFER TO UTILITY DETAILS FOR NOTE REFERENCES.
B. ALL CASTINGS SHALL HAVE THE WORDS "NO DUMPING DRAINS TO STREAM" CAST IN RAISED OR RECESSED LETTERS AT A MINIMUM OF 1" HEIGHT. A SYMBOL OF A FISH SHALL ALSO BE CAST WITH THE LETTERS.
C. CASTINGS TO BE NEENAH TYPE OR APPROVED EQUAL.
D. CONTRACTOR TO VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.
E. AT ALL WATER AND SEWER CROSSINGS, MAINTAIN A MINIMUM 18" VERTICAL SEPARATION BETWEEN WATER PIPE AND SEWER PIPE. WHERE WATER AND SEWER RUN PARALLEL, MAINTAIN A MINIMUM 10 FEET OF SEPARATION BETWEEN WATER PIPE AND SEWER PIPE.

○ PLAN NOTES

1. NEW GAS METER BY NIPSCO.
2. NEW GAS SERVICE LINE.
3. NEW WATER SERVICE TAP.
4. NEW 6" WATER LINE.
5. NEW 6" FIRE PROTECTION LINE.
6. NEW 4" DOMESTIC WATER LINE.
7. NEW FDC.
8. NEW 8" WATER LINE.
9. NEW ELECTRICAL FEED.
10. NEW 6" PVC SANITARY LATERAL @ 1.04% WITH TRACER WIRE.
11. CONTRACTOR TO FIELD VERIFY EXISTING SANITARY SEWER LOCATION, ELEVATION AND SIZE.
12. COORDINATE SIZE, LOCATION AND ELEVATION OF PIPING WITH PLUMBING PLANS.
13. NEW EXTERIOR CLEANOUT.
14. NEW 8" PVC SANITARY LATERAL @ 0.45% WITH TRACER WIRE.





1 ENLARGEMENT
SCALE: 1"=10'

THE NEW WALLACE AYLESWORTH MIDDLE SCHOOL

5910 Central Ave., Portage, Indiana 46368

PORTAGE TOWNSHIP SCHOOLS

PORTAGE TOWNSHIP SCHOOLS

ARCHITECT

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CIVIL ENGINEER

LANDSCAPE ARCHITECT

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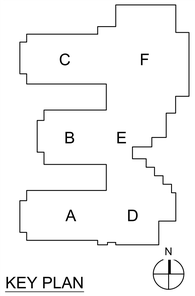

KEY PLAN

CONSTRUCTION DOCUMENTS

JEFFREY D. SWANSON
REGISTERED
No.
PE10200271
STATE OF
INDIANA
PROFESSIONAL ENGINEER

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

SITE UTILITY PLAN AREA 'B'

C402

1

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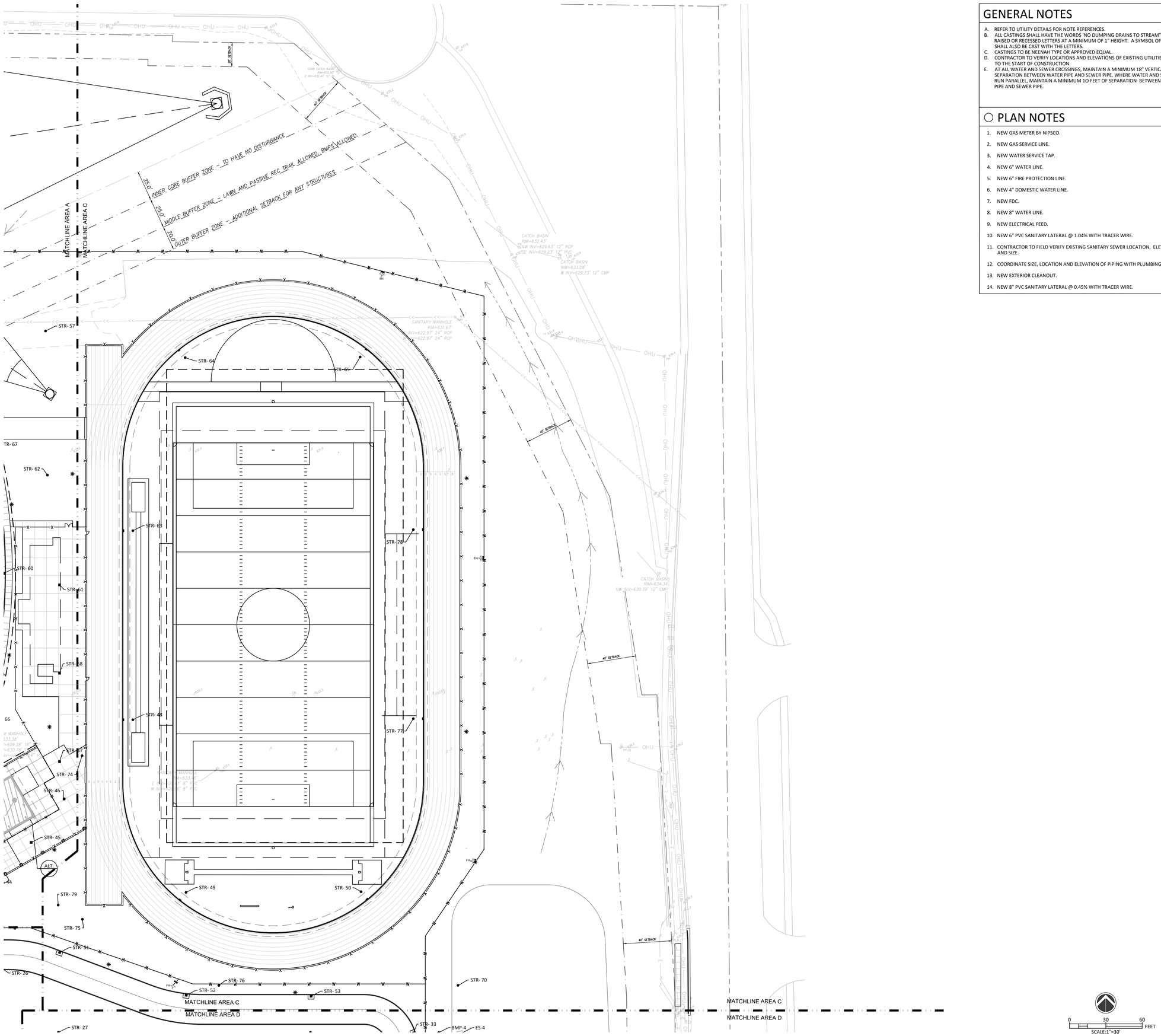

GENERAL NOTES

A. REFER TO UTILITY DETAILS FOR NOTE REFERENCES.
B. ALL CASTINGS SHALL HAVE THE WORDS "NO DUMPING DRAINS TO STREAM" CAST IN RAISED OR RECESSED LETTERS AT A MINIMUM OF 1" HEIGHT. A SYMBOL OF A FISH SHALL ALSO BE CAST WITH THE LETTERS.
C. CASTINGS TO BE NEENAH TYPE OR APPROVED EQUAL.
D. CONTRACTOR TO VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.
E. AT ALL WATER AND SEWER CROSSINGS, MAINTAIN A MINIMUM 18" VERTICAL SEPARATION BETWEEN WATER PIPE AND SEWER PIPE. WHERE WATER AND SEWER RUN PARALLEL, MAINTAIN A MINIMUM 10 FEET OF SEPARATION BETWEEN WATER PIPE AND SEWER PIPE.

○ PLAN NOTES

1. NEW GAS METER BY NIPSCO.
2. NEW GAS SERVICE LINE.
3. NEW WATER SERVICE TAP.
4. NEW 6" WATER LINE.
5. NEW 6" FIRE PROTECTION LINE.
6. NEW 4" DOMESTIC WATER LINE.
7. NEW FDC.
8. NEW 8" WATER LINE.
9. NEW ELECTRICAL FEED.
10. NEW 6" PVC SANITARY LATERAL @ 1.04% WITH TRACER WIRE.
11. CONTRACTOR TO FIELD VERIFY EXISTING SANITARY SEWER LOCATION, ELEVATION AND SIZE.
12. COORDINATE SIZE, LOCATION AND ELEVATION OF PIPING WITH PLUMBING PLANS.
13. NEW EXTERIOR CLEANOUT.
14. NEW 8" PVC SANITARY LATERAL @ 0.45% WITH TRACER WIRE.

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THE NEW WALLACE AYLESWORTH MIDDLE SCHOOL

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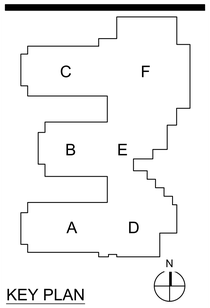

KEY PLAN

CONSTRUCTION DOCUMENTS

ANDREW D. SWANSON
REGISTERED
No. PE10200271
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

SITE UTILITY PLAN AREA 'C'

C403

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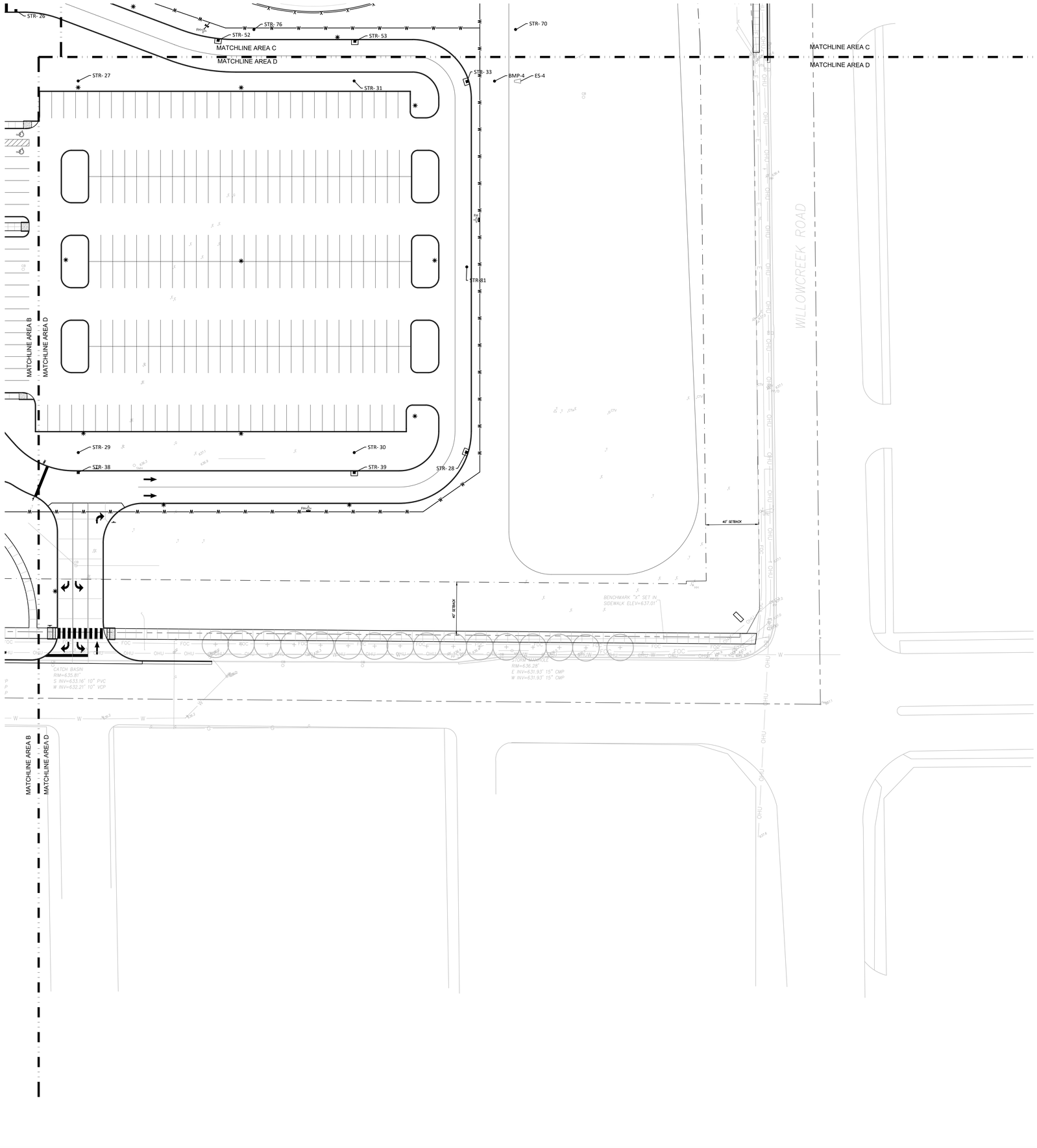

GENERAL NOTES

A. REFER TO UTILITY DETAILS FOR NOTE REFERENCES.
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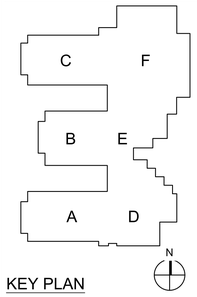

KEY PLAN

CONSTRUCTION DOCUMENTS

ANDREW D. SWANSON REGISTERED No. PE10200271 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

0 30 60 FEET
SCALE:1"=30'

SITE UTILITY PLAN AREA 'D'

C404

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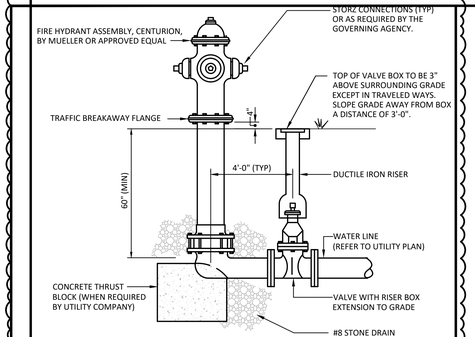
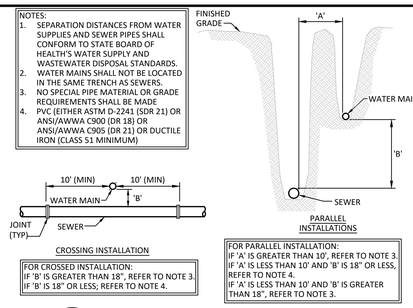


NOTES:
1. HYDRANTS SHALL CONFORM TO SPECIFICATIONS OF THE GOVERNING AGENCY (WATER UTILITY AND/OR FIRE DEPARTMENT).
2. CHECK WITH LOCAL WATER COMPANY AND/OR FIRE DEPT. FOR COLOR REQUIREMENTS.
3. HYDRANTS MUST BE CHECKED BY A LOCAL FIRE DEPT. REPRESENTATIVE PRIOR TO INSTALLATION.
4. INSTALLATION SHALL CONFORM TO NFPA 24.
5. COORDINATE VALUE-TURN DIRECTION WITH THE LOCAL WATER COMPANY AND/OR FIRE DEPARTMENT.
6. PROVIDE (4) 6"Ø PAINTED PIPE BOLLARD FOR PROTECTION FROM VEHICULAR TRAFFIC. FIELD VERIFY EXACT LOCATION AND CONFIGURATIONS.
7. PROVIDE FLOW RATE (GPM) FOR ALL NEW HYDRANTS AND FIRE DEPARTMENT CONNECTIONS.

16 FIRE HYDRANT DETAIL
NO SCALE

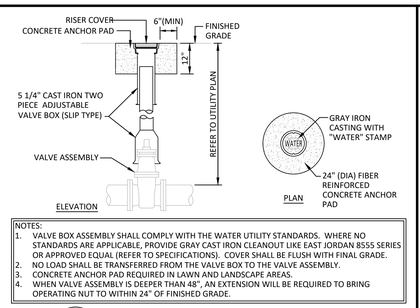
NOTES:
1. SEPARATION DISTANCES FROM WATER SUPPLIES AND SEWER PIPES SHALL CONFORM TO STATE BOARD OF HEALTH'S WATER SUPPLY AND WASTEWATER DISPOSAL STANDARDS.
2. WATER MAINS SHALL NOT BE LOCATED IN THE SAME TRENCH AS SEWERS.
3. NO SPECIAL PIPE MATERIAL OR GRADE REQUIREMENTS SHALL BE MADE
4. PVC (EITHER ASTM D-2241 (SDR 21) OR ANSI/AWWA C900 (DR 18) OR ANSI/AWWA C905 (DR 21) OR DUCTILE IRON (CLASS 51 MINIMUM)



FOR CROSSED INSTALLATION:
IF 'B' IS GREATER THAN 18", REFER TO NOTE 3.
IF 'B' IS 18" OR LESS; REFER TO NOTE 4.

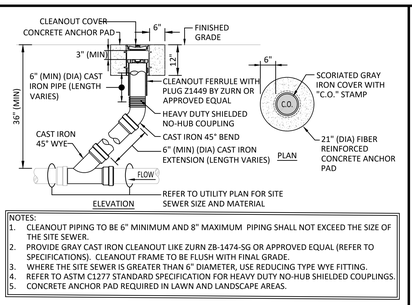
FOR PARALLEL INSTALLATION:
IF 'A' IS GREATER THAN 10', REFER TO NOTE 3.
IF 'A' IS LESS THAN 10' AND 'B' IS 18" OR LESS, REFER TO NOTE 4.
IF 'A' IS LESS THAN 10' AND 'B' IS GREATER THAN 18", REFER TO NOTE 3.

15 WATER AND SEWER CROSSING DETAIL
NO SCALE



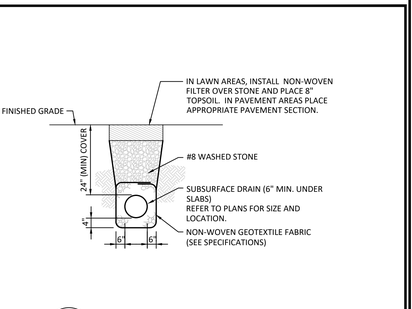
NOTES:
1. VALVE BOX ASSEMBLY SHALL COMPLY WITH THE WATER UTILITY STANDARDS. WHERE NO STANDARDS ARE APPLICABLE, PROVIDE GRAY CAST IRON CLEANOUT LIKE EAST JORDAN 8555 SERIES OR APPROVED EQUAL (REFER TO SPECIFICATIONS). COVER SHALL BE FLUSH WITH FINAL GRADE.
2. NO LOAD SHALL BE TRANSFERRED FROM THE VALVE BOX TO THE VALVE ASSEMBLY.
3. CONCRETE ANCHOR PAD REQUIRED IN LAWN AND LANDSCAPE AREAS.
4. WHEN VALVE ASSEMBLY IS DEEPER THAN 48", AN EXTENSION WILL BE REQUIRED TO BRING OPERATING NUT TO WITHIN 24" OF FINISHED GRADE.

11 WATER VALVE BOX DETAIL
NO SCALE

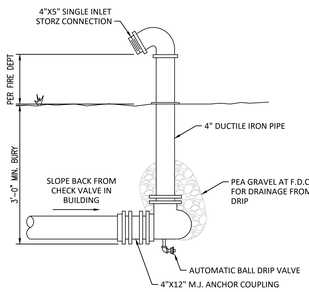


NOTES:
1. CLEANOUT PIPING TO BE 6" MINIMUM AND 8" MAXIMUM PIPING SHALL NOT EXCEED THE SIZE OF THE SITE SEWER.
2. PROVIDE GRAY CAST IRON CLEANOUT LIKE ZURN ZB-1474-SG OR APPROVED EQUAL (REFER TO SPECIFICATIONS). CLEANOUT FRAME TO BE FLUSH WITH FINAL GRADE.
3. WHERE THE SITE SEWER IS GREATER THAN 6" DIAMETER, USE REDUCING TYPE WYE FITTING.
4. REFER TO ASTM C1277 STANDARD SPECIFICATION FOR HEAVY DUTY NO-HUB SHIELDED COUPLINGS.
5. CONCRETE ANCHOR PAD REQUIRED IN LAWN AND LANDSCAPE AREAS.

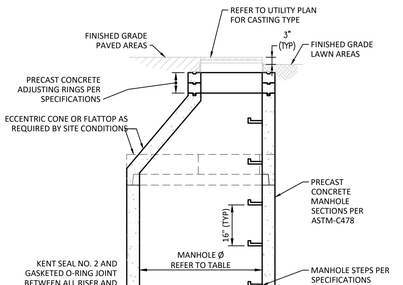
7 EXTERIOR CLEANOUT DETAIL
NO SCALE

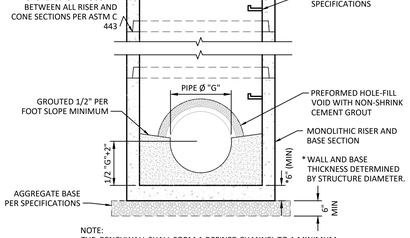


5 SUBSURFACE DRAIN DETAIL
NO SCALE

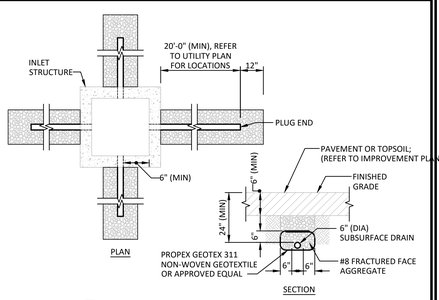


10 FIRE DEPARTMENT CONNECTION DETAIL
NO SCALE

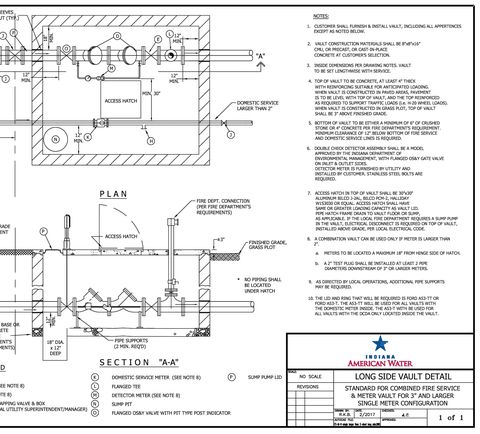




NOTE:
THE BENCHWALL SHALL FORM A DEFINED CHANNEL,TO A MINIMUM HEIGHT OF 80% OF THE INSIDE DIAMETER OF THE INLET AND OUTLET PIPES TO FORM A "U" SHAPED CHANNEL, CONSTRUCTED AT A MINIMUM 1/2" PER FOOT SLOPE TO THE MANHOLE WALL.



4 INLET SUBSURFACE DRAIN DETAIL
NO SCALE



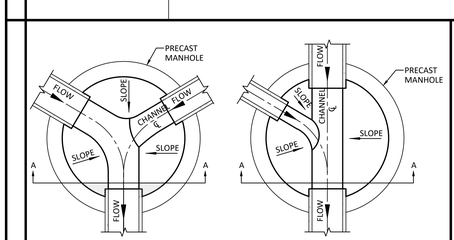
LEGEND

A	NOT USED	F	FIRE LINE	K	DOMESTIC SERVICE METER (SEE NOTE 8)
B	KIDS TEE	G	DOMESTIC SERVICE (SEE NOTE 8)	L	FLANGED TEE
C	NOT USED	H	2" TEST PLUG (SEE NOTE 8)	M	DETECTOR METER (SEE NOTE 8)
D	DOUBLE CHECK DETECTOR ASSEMBLY	I	TAPPING SLEEVE W/ TAPPING VALVE & BOX (COORDINATE W/ LOCAL UTILITY SUPERINTENDENT/MANAGER)	N	SUMP PIT
E	FLANGED 05 & Y VALVE	J	KIDS GATE VALVE	O	FLANGED OSBY VALVE WITH PIT TYPE POST INDICATOR
				P	SUMP PUMP LID

NOTES:
1. CUSTOMER SHALL FURNISH & INSTALL VAULT, INCLUDING ALL APPURTENCES EXCEPT AS NOTED BELOW.
2. VAULT CONSTRUCTION MATERIALS SHALL BE 8"x8"x16" CONCRETE BLOCK OR CAST-IN-PLACE CONCRETE AT CUSTOMER'S SELECTION.
3. INSIDE DIMENSIONS PER DRAWING NOTES. VAULT TO BE SET LENGTHWISE WITH SERVICE.
4. TOP OF VAULT TO BE CONCRETE, AT LEAST 4" THICK WITH REINFORCING BATTABLE FOR ANTICIPATED LOADING. TOP OF VAULT SHALL BE FLUSH WITH FINISHED GRADE IF IS TO BE LEVEL WITH TOP OF VAULT, AND THE TOP REINFORCED AS REQUIRED TO SUPPORT TRAFFIC LOADS (i.e. H-20 WHEEL LOADS). WHEN VAULT IS CONSTRUCTED IN GRASS PLOT, TOP OF VAULT SHALL BE 3" ABOVE FINISHED GRADE.
5. BOTTOM OF VAULT TO BE EITHER A MINIMUM OF 6" OF CRUSHED STONE OR 4" CONCRETE PER FSSC DEPARTMENT'S REQUIREMENT. A SUMP PUMP SHALL BE INSTALLED IN VAULT FOR FIRE SERVICE AND DOMESTIC SERVICE LINES IS REQUIRED.
6. DOUBLE CHECK DETECTOR ASSEMBLY SHALL BE A MODEL APPROVED BY THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, WITH FLANGED OS&Y GATE VALVE ON THE LARGER LINE. DETECTOR METER IS FURNISHED BY UTILITY AND INSTALLED BY CUSTOMER. STAINLESS STEEL BOLTS ARE REQUIRED.
7. ACCESS HATCH IN TOP OF VAULT SHALL BE 30"x30" ALUMINUM BILCO S-2AL, BILCO PCH-2, HALLIDAY PRODUCTS HD-2424-AL OR APPROVED EQUAL. HATCH SHALL HAVE OR GREATER LOADING CAPACITY AS VAULT LID. PIPE HATCH FRAME DRAIN TO VAULT FLOOR OR SUMP.
8. A COMBINATION VAULT CAN BE USED ONLY IF METER IS LARGER THAN 4".
   a. METERS TO BE LOCATED A MAXIMUM 18" FROM HINGE SIDE OF HATCH.
   b. A 2" TEST PLUG SHALL BE INSTALLED AT LEAST 2 PIPE DIAMETERS DOWNSTREAM OF 2" OR LARGER METERS.
9. AS DIRECTED BY LOCAL OPERATIONS, ADDITIONAL PIPE SUPPORTS MAY BE REQUIRED.
10. THE LID AND RING THAT WILL BE REQUIRED IS FORD ADS-TT OR FORD ADS-T. THE ADS-TT WILL BE USED FOR ALL VAULTS WITH THE DOMESTIC METER INSIDE. THE ADS-T WITH BE USED FOR ALL VAULTS WITH THE DESCRIPCY LOCATED INSIDE THE VAULT.

INDIANA AMERICAN WATER

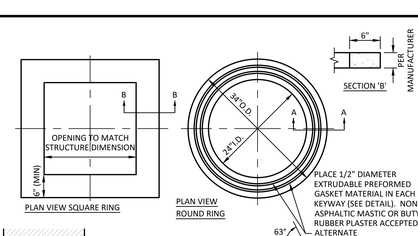
NO SCALE	LONG SIDE VAULT DETAIL
REVISIONS	STANDARD FOR COMBINED FIRE SERVICE & METER VAULT FOR 3" AND LARGER SINGLE METER CONFIGURATION
ISSUE #: 1 DATE: 7/2017	DRAWN: K.C.
ISSUE #: DATE:	APPROVED:
	1 of 1



14 MANHOLE BENCHWALL DETAIL
NO SCALE

NOTES:
1. WIDTH OF CHANNEL SHALL MATCH THE INSIDE DIAMETER OF INCOMING AND OUTGOING PIPES. PROVIDE SMOOTH TRANSITION BETWEEN CHANNELS AND PIPES AND AT CHANNEL INTERSECTIONS.
2. REFER TO UTILITY PLAN FOR PIPE INVERT ELEVATIONS, SIDES AND FLOW CHANNEL MATERIAL.
3. CHANNEL HEIGHT TO BE A MINIMUM OF 80% OF THE INSIDE DIAMETER OF INLET AND OUTLET PIPES.

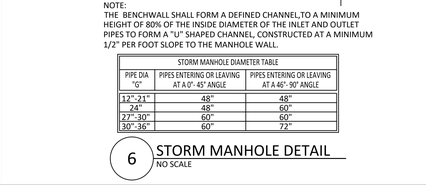
13 PRECAST CONCRETE ADJUSTING RING DETAIL
NO SCALE



NOTE:
THE BENCHWALL SHALL FORM A DEFINED CHANNEL,TO A MINIMUM HEIGHT OF 80% OF THE INSIDE DIAMETER OF THE INLET AND OUTLET PIPES TO FORM A "U" SHAPED CHANNEL, CONSTRUCTED AT A MINIMUM 1/2" PER FOOT SLOPE TO THE MANHOLE WALL.

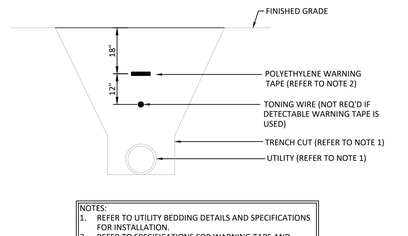
MANHOLE DIAMETER TABLE		
PIPE SIZE "D"	PIPES ENTERING OR LEAVING AT A 0°- 45° ANGLE	PIPES ENTERING OR LEAVING AT A 46°- 90° ANGLE
12"-21"	48"	48"
24"	48"	60"
27"-30"	60"	60"

8 SANITARY MANHOLE DETAIL
(FOR MAINLINE PIPE DIAMETERS 8" TO 30")
NO SCALE



NOTES:
1. CONTRACTOR TO NOTIFY SEWER UTILITY PRIOR TO MAKING CONNECTION.
2. CONTRACTOR TO INSPECT EXISTING MANHOLE AND NOTIFY ENGINEER IMMEDIATELY OF ANY CONCERNS REGARDING THE STRUCTURAL INTEGRITY OF THE MANHOLE.
3. NEW SEWER CONNECTION SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL STANDARDS AS APPLICABLE.
4. MAINTAIN EXISTING SEWER FLOW AT ALL TIMES UTILIZING METHODS APPROVED BY THE SEWER UTILITY OR THE ENGINEER.

9 NEW SANITARY PIPE TO EXISTING SANITARY MANHOLE DETAIL
(FOR EXISTING STRUCTURE DIAMETERS GREATER THAN 48")



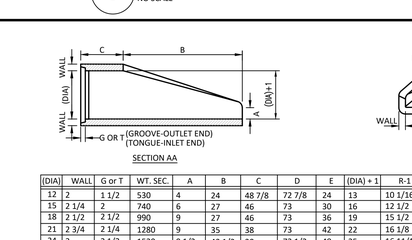
NOTES:
1. REFER TO UTILITY BEDDING DETAILS AND SPECIFICATIONS FOR INSTALLATION.
2. REFER TO SPECIFICATIONS FOR WARNING TAPE AND TONING WIRE REQUIREMENTS.

12 UTILITY DETECTABLE WARNING TAPE DETAIL
NO SCALE

MAXIMUM PIPE INSIDE DIA.		
STRAIGHT	SKEW/CORNER	
24" WALL	36" WALL	
12"-18"	12"-24"	12"-15"

"MAXIMUM OF 2 SKEW CONNECTIONS PER STRUCTURE

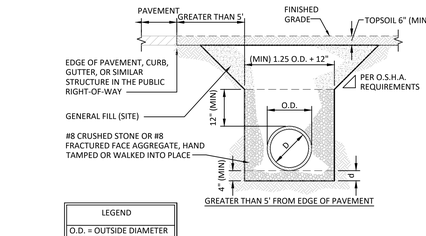
3 INLET BOX DETAIL (24"x36")
NO SCALE



(DIA)	WALL	G or T	WT. SEC.	A	B	C	D	E	(DIA) + 1	R-1	R-2	SKIRT
12	2	1 1/2	530	4	24	48 7/8	72 7/8	24	13	10 1/16	9	3 1/2
15	2 1/4	2	740	6	27	46	73	30	16	12 1/2	11	3 1/2
18	2 1/2	2 1/2	990	9	27	46	73	36	19	15 1/2	12	4
21	2 3/4	2 1/4	1280	9	35	38	73	42	22	16 1/8	13	4
24	3	2 1/2	1520	9 1/2	43 1/2	30	73 1/2	48	25	16 11/16	14	4 1/2
30	3 1/2	3	2190	12	54	19 3/4	73 3/4	60	31	18 5/16	15	5
36	4	3 1/2	4100	15	63	34 3/4	97 3/4	72	37	24 1/16	20	5 1/2

MANUFACTURE OF END SECTION SHALL BE IN ACCORDANCE WITH APPLICABLE PORTIONS OF A.S.T.M. SPECIFICATION C76.

2 CONCRETE FLARED END SECTION
NO SCALE



LEGEND
O.D. = OUTSIDE DIAMETER
D = INSIDE DIAMETER
d = DEPTH OF BEDDING MATERIAL BELOW PIPE

NOTES:
1. ALL BEDDING AND INITIAL BACKFILL SHALL BE INSTALLED 6" TO 12" BALANCED LIFTS.
2. A MINIMUM OF 9" CLEARANCE SHALL BE PROVIDED ON EACH SIDE OF THE INSTALLED PIPE.
3. BEDDING SHALL BE SHAPED TO RECEIVE THE PIPE BELL SO THAT THE PIPE BARREL IS UNIFORMLY SUPPORTED.
4. REFER TO SPECIFICATIONS FOR ADDITIONAL INSTALLATION REQUIREMENTS.

1 FLEXIBLE PIPE (PVC & HDPE) BEDDING DETAIL
NO SCALE

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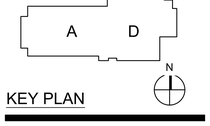

KEY PLAN

CONSTRUCTION DOCUMENTS

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

SITE UTILITY DETAILS

C410

JPS Consulting Engineers - K:\Civil Projects\2024\24JPSC81 Portage Township Schools - Willowcreek Middle School\Drawings\C400.dwg November 11, 2025 - 10:39 AM BFrench

GENERAL NOTES

A. REFER TO IMPROVEMENT DETAILS FOR NOTE REFERENCES.

○ PLAN NOTES

1. ASPHALT PAVEMENT.
2. CONCRETE CURB AND WALK.
3. ACCESSIBLE RAMP. (1)
4. 4" WIDE PAINTED PARKING STRIPE. WHITE FOR STANDARD, BLUE FOR ACCESSIBLE SPACES, YELLOW FOR BUS PARKING.
5. CONCRETE WALK.
6. STRAIGHT CONCRETE CURB.
7. ACCESSIBLE PARKING SPACE.
8. CONCRETE STOOP. REFER TO STRUCTURAL.
9. 6" CONCRETE PAVEMENT.
10. PAINTED CROSSWALK STRIPING.
11. WASTE CONTAINER PAD AND ENCLOSURE. REFER TO ARCHITECTURAL DRAWING A11-H
12. 24" HIGH MASONRY SEAT WALL.
13. DECORATIVE CONCRETE BOLLARD. 18" DIA. ROUND TOP BOLLARD. MODEL # BLB4S (AS SOLD BY DOTY AND SONS. ARCHITECT TO SELECT COLOR AND FINISH FROM MANUFACTURER RANGE).
14. FLAG POLE PLAZA- (1) @ 35' TALL AND (2) AT 30' TALL, STADIUM (1) @ 35' TALL.
15. CONCRETE INLET COLLAR.
16. LIQUID APPLIED SPORTS SURFACING AND STRIPING OVER ASPHALT BASE. REFER TO DETAIL.
17. 8' TALL BLACK PVC COATED CHAIN LINK FENCE.
18. 6' TALL BLACK PVC COATED CHAIN LINK FENCE.
19. CONCRETE CURB TAPER.
20. PRE-MANUFACTURED SHELTER AND FOUNDATIONS. POLIGON SHELTER CAR-20 WITH MULTI RIB ROOF. SEE MANUFACTURER DETAILS.
21. VEHICLE SWING GATE.
22. 2' WIDE PAINTED STOP BAR.
23. STEEL GUARDRAIL.
24. ALTERNATE: SYNTHETIC TURF FOOTBALL FIELD WITH SPECIALTY STRIPING AND LOGOS TBD. BASE BID TO BE NATURAL TURF GRASS.
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26. GUARDRAIL (PEDESTRIAN TYPE)
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32. GRAVITY BLOCK RETAINING WALL. REFER TO DETAIL.
33. GROUND MOUNTED BASKETBALL GOAL. FIRST TEAM RUFFNECK INTENSITY BASKETBALL GOAL-72" ALUMINUM. FOLLOW ALL MANUFACTURER INSTALLATION INSTRUCTIONS. MANUFACTURED BY FIRST TEAM INC. PHONE: 1-800-649-3688 WWW.FIRSTTEAMINC.COM
34. SLIDING CHAINLINK GATE. SEE PLAN FOR SIZE.
35. TRAFFIC CONTROL SIGN. SEE PLAN FOR DESIGNATION. A. DO NOT ENTER, B. STOP, C. PEDESTRIAN CROSSING. (1)
36. LIGHT POLE BASE-SEE ELECTRICAL.
37. MASONRY PIER. REFER TO ARCHITECTURAL DRAWING A 11-H DETAIL 13.
38. 4' TALL BLACK PVC COATED CHAIN LINK FENCE.
39. BIKE LOOP. HUNTCO TILIKIM BIKE LOOP IN SQUARE BAR, IN GROUND MOUNT, WITH POWEDERCOAT FINISH.
40. STEEL PIPE BOLLARD. WITH GREY PLASTIC COVER.
41. INTERNALLY LIT GROUND SIGN. REFER TO BASIS OF DESIGN DETAIL.
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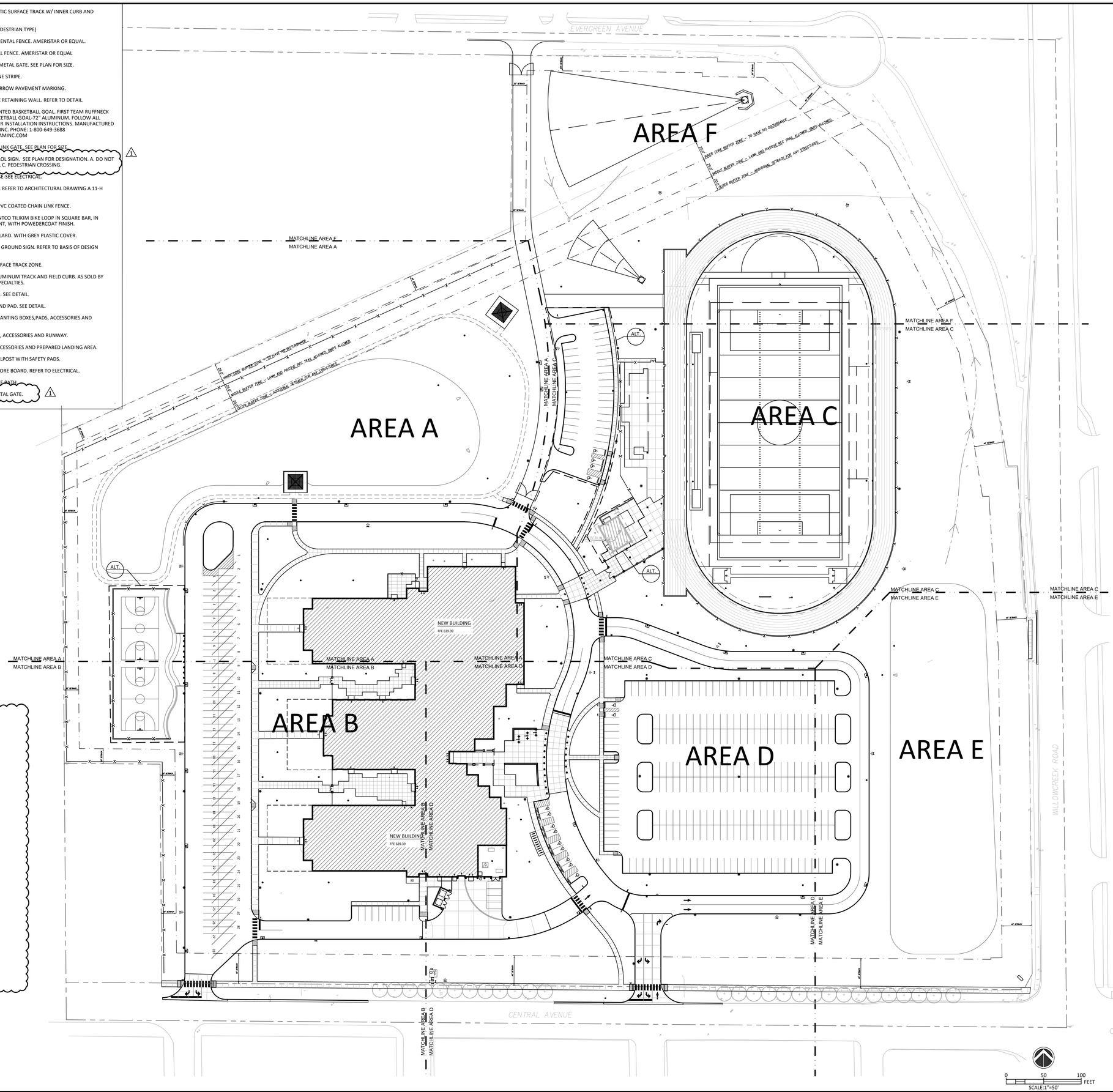
48. HIGH JUMP, ACCESSORIES AND PREPARED LANDING AREA.
49. FOOTBALL GOALPOST WITH SAFETY PADS.
50. ELECTRONIC SCORE BOARD. REFER TO ELECTRICAL.
51. CRUSHED STONE PATH.
52. DECORATIVE METAL GATE. (1)

PROJECT ALTERNATES

- SYNTHETIC TURF FOOTBALL FIELD.
- STADIUM BUILDING.
- STADIUM FOOTBALL LIGHTING.
- BASKETBALL COURTS.
- NORTH PARKING LOT.

(1)

SITE DESIGN SUMMARY	
SITE AREA	29.05 ACERS
LOT COVERAGE	
LIMITS OF CONSTRUCTION	1184382 SF/ 27.2 ACRES
BUILDING	86861 SF/ 1.99 ACRES
LAWN AND LANDSCAPING	736164 SF/ 16.9 ACRES
PARKING AND DRIVES	448668 SF/ 10.3 ACRES
TOTAL IMPERVIOUS	535529 SF/ 12.29 ACRES
BUILDING/PARKING LOT COVERAGE	42%
LANDSCAPING LOT COVERAGE	58%
PARKING	
BICYCLE PARKING SPACES	20
STANDARD PARKING STALL	**291**
HANDICAP ACCESSIBLE	**15**
BUS LOT- STANDARD SPACES OUTSIDE OF SCHOOL HOURS	**107**
BUS LOT- BUS SPACES	28
TOTAL PARKING PROVIDED	**413 (INCLUDES 39 IN ALT.)**



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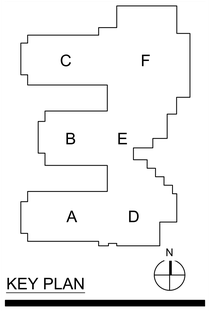

KEY PLAN

CONSTRUCTION DOCUMENTS

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

OVERALL SITE IMPROVEMENT PLAN

C500

JPS Consulting Engineers - K:\Civil Projects\2024\24JPSC81 Portage Township Schools - Willowcreek Middle School\Drawings\C500.dwg November 10, 2025 - 6:13 PM BFrench

GENERAL NOTES

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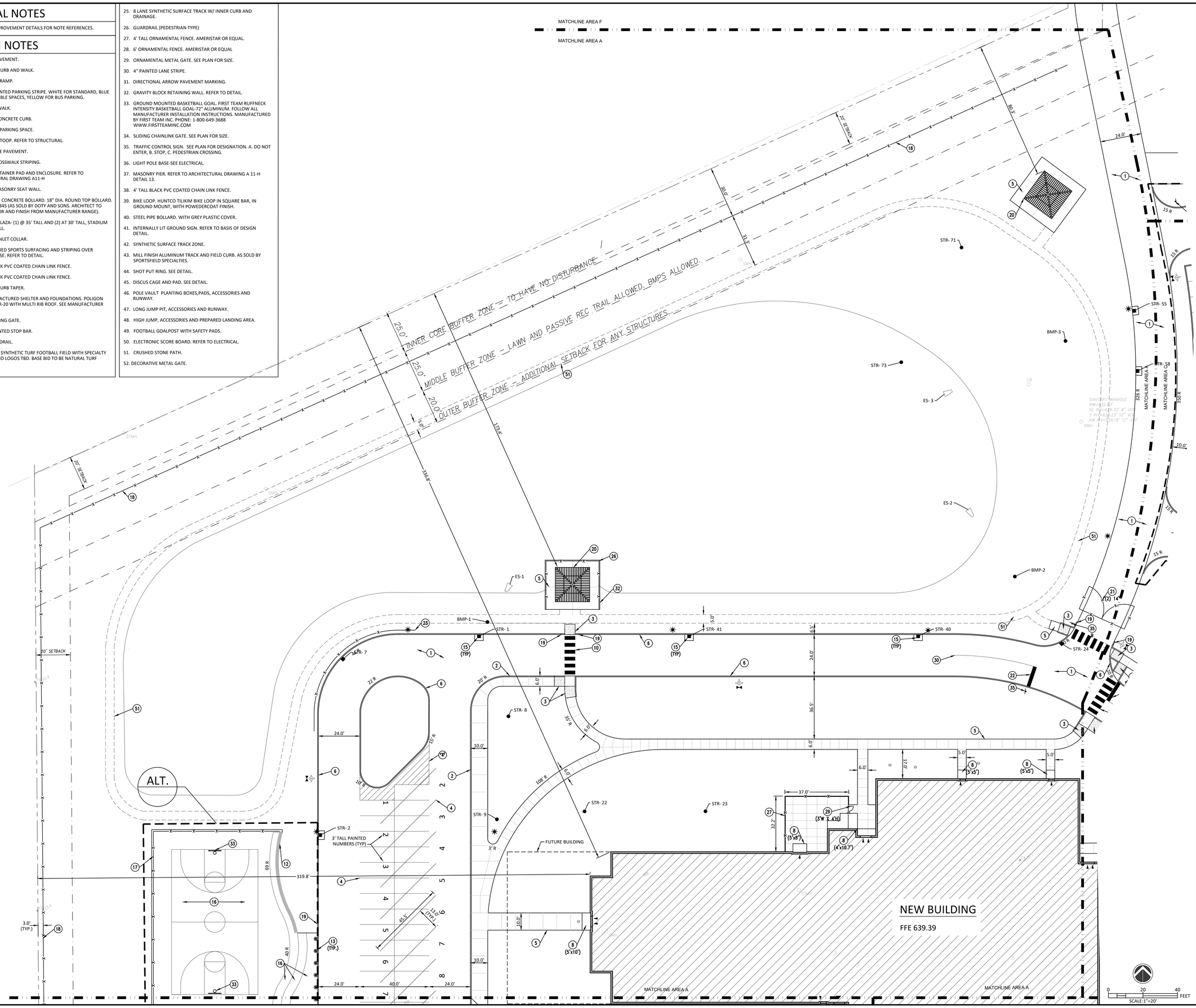

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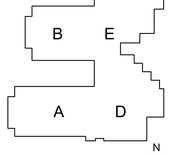
KEY PLAN



CONSTRUCTION DOCUMENTS

ANDREW D. JOHNSON REGISTERED No. PE10200271 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

SITE IMPROVEMENT PLAN AREA A

C501

0 20 40 FEET

SCALE:1"=20'

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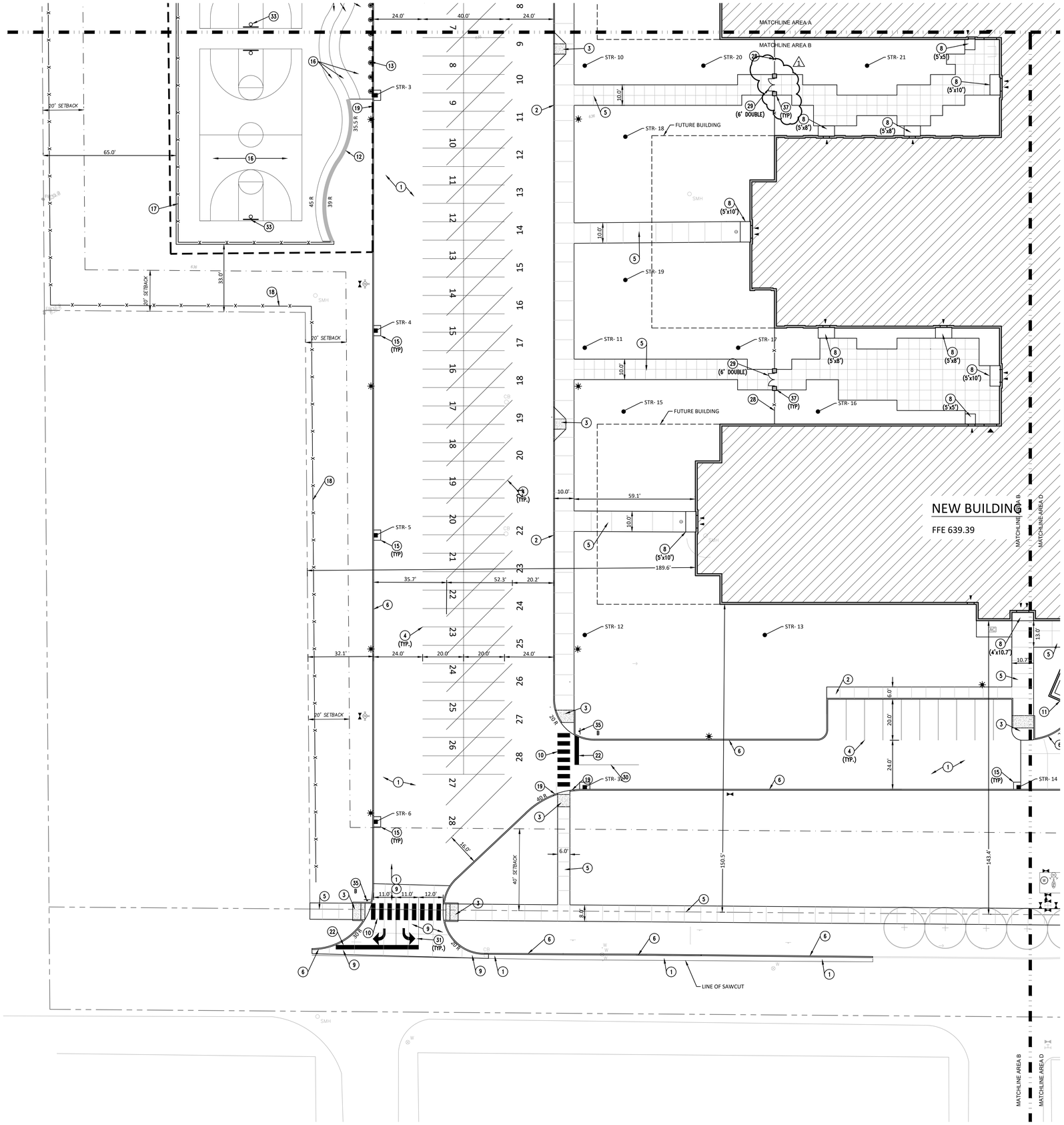

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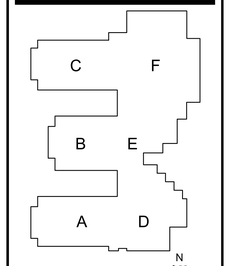

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REV. NO.	DESCRIPTION	DATE
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SITE IMPROVEMENT PLAN AREA B

C502

0 20 40 FEET

SCALE:1"=20'

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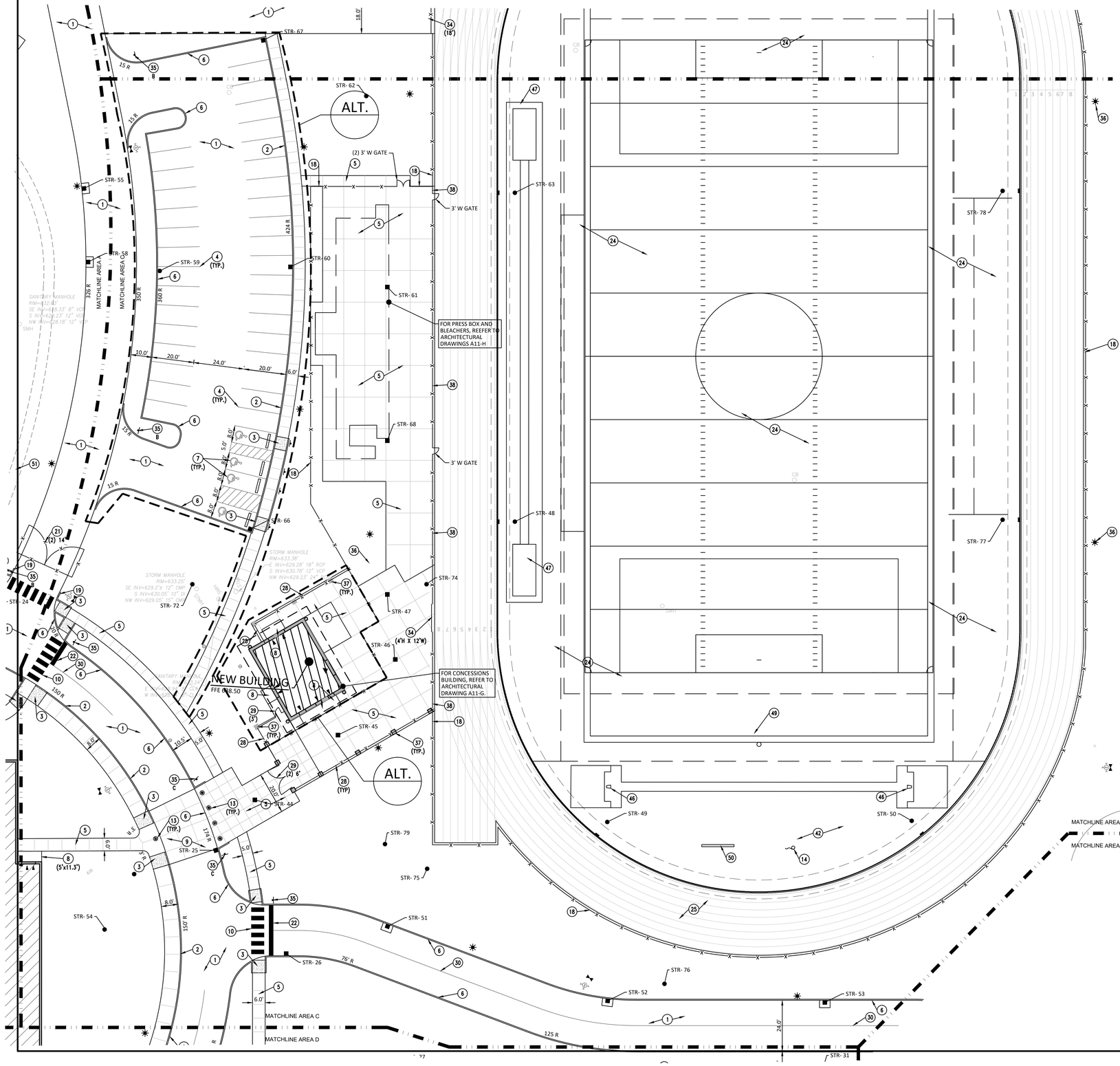

GENERAL NOTES

A. REFER TO IMPROVEMENT DETAILS FOR NOTE REFERENCES.

○ PLAN NOTES

1. ASPHALT PAVEMENT.
2. CONCRETE CURB AND WALK.
3. ACCESSIBLE RAMP.
4. 4" WIDE PAINTED PARKING STRIPE. WHITE FOR STANDARD, BLUE FOR ACCESSIBLE SPACES, YELLOW FOR BUS PARKING.
5. CONCRETE WALK.
6. STRAIGHT CONCRETE CURB.
7. ACCESSIBLE PARKING SPACE.
8. CONCRETE STOOP. REFER TO STRUCTURAL.
9. 6" CONCRETE PAVEMENT.
10. PAINTED CROSSWALK STRIPING.
11. WASTE CONTAINER PAD AND ENCLOSURE. REFER TO ARCHITECTURAL DRAWING A11-H
12. 24" HIGH MASONRY SEAT WALL.
13. DECORATIVE CONCRETE BOLLARD. 18" DIA. ROUND TOP BOLLARD. MODEL # BL845 (AS SOLD BY DOTY AND SONS. ARCHITECT TO SELECT COLOR AND FINISH FROM MANUFACTURER RANGE).
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29. ORNAMENTAL METAL GATE. SEE PLAN FOR SIZE.
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34. SLIDING CHAINLINK GATE. SEE PLAN FOR SIZE.
35. TRAFFIC CONTROL SIGN. SEE PLAN FOR DESIGNATION. A. DO NOT ENTER, B. STOP, C. PEDESTRIAN CROSSING.
36. LIGHT POLE BASE-SEE ELECTRICAL.
37. MASONRY PIER. REFER TO ARCHITECTURAL DRAWING A 11-H DETAIL 13.
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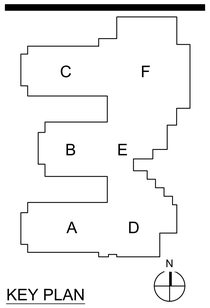

KEY PLAN

CONSTRUCTION DOCUMENTS

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

SITE IMPROVEMENT PLAN AREA C

C503

1

0 20 40 FEET

SCALE:1"=20'

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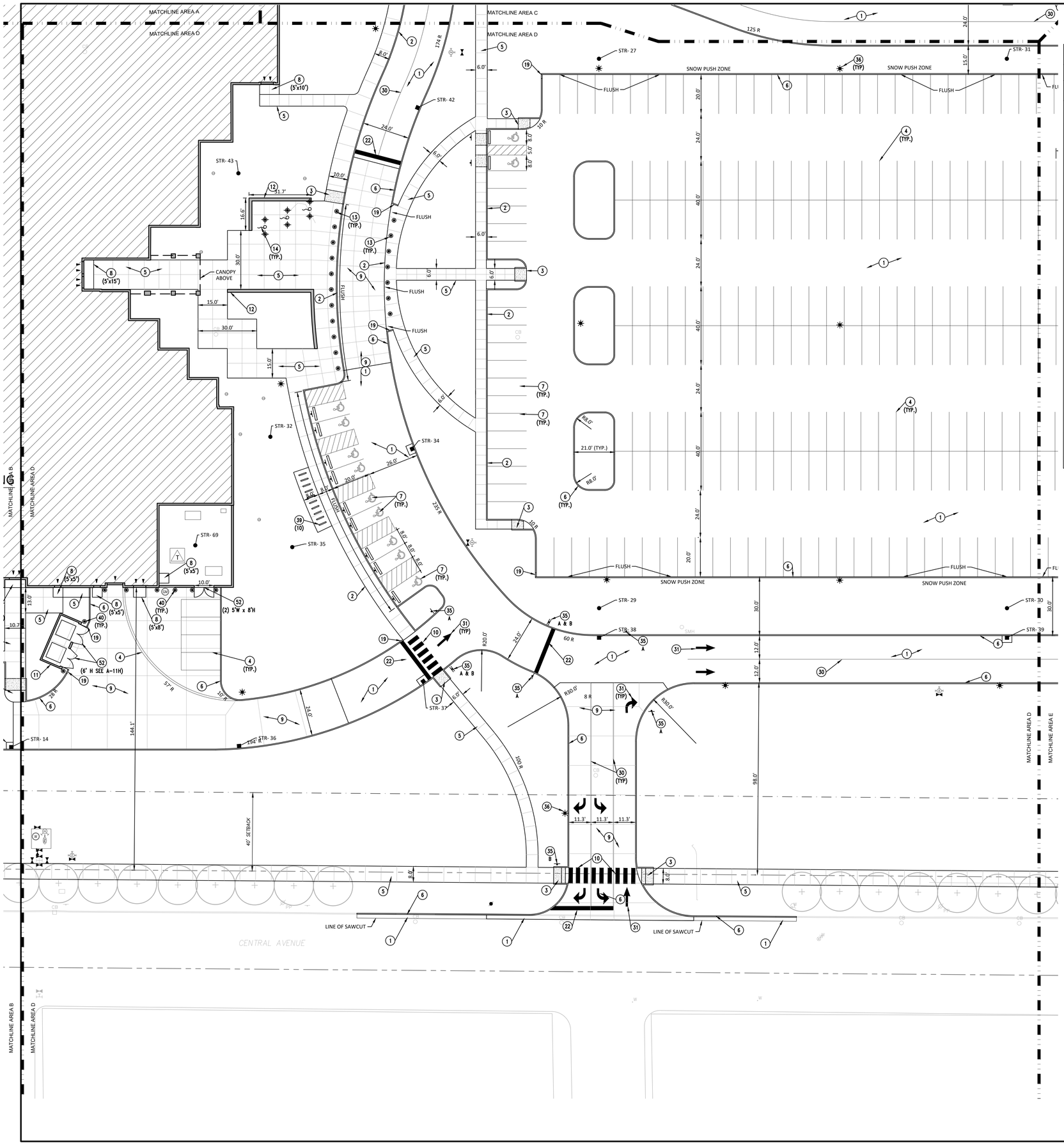

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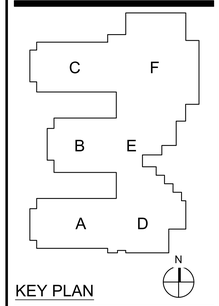

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PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

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SITE IMPROVEMENT PLAN AREA D

C504

1

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SCALE:1"=20'

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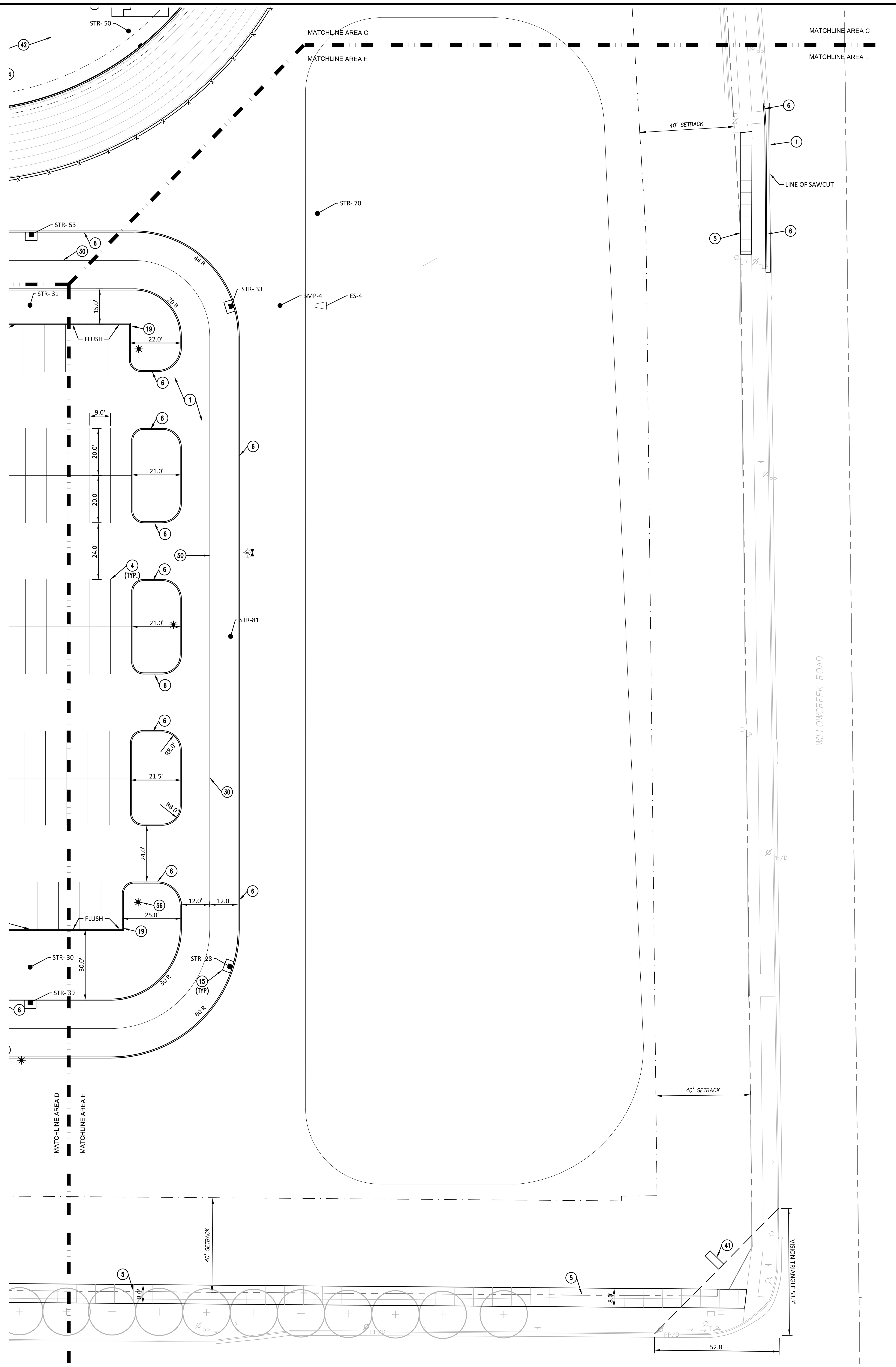

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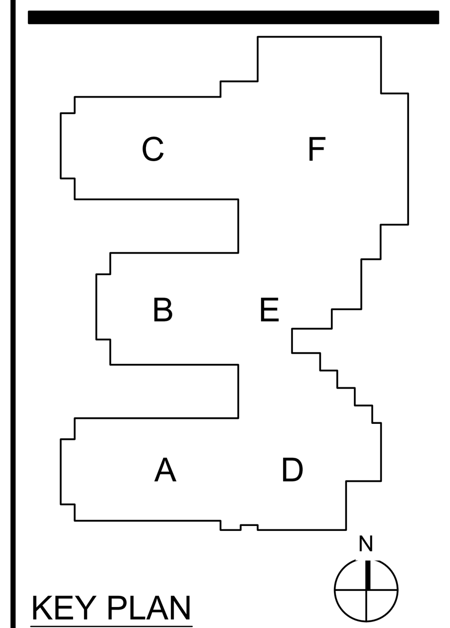

KEY PLAN

CONSTRUCTION DOCUMENTS

ANDREW D. SWANSON REGISTERED No. PE10200271 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY:
PROJECT NUMBER: 223047.01 24JPCSE81
PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

SITE IMPROVEMENT PLAN
AREA-E

1 C505

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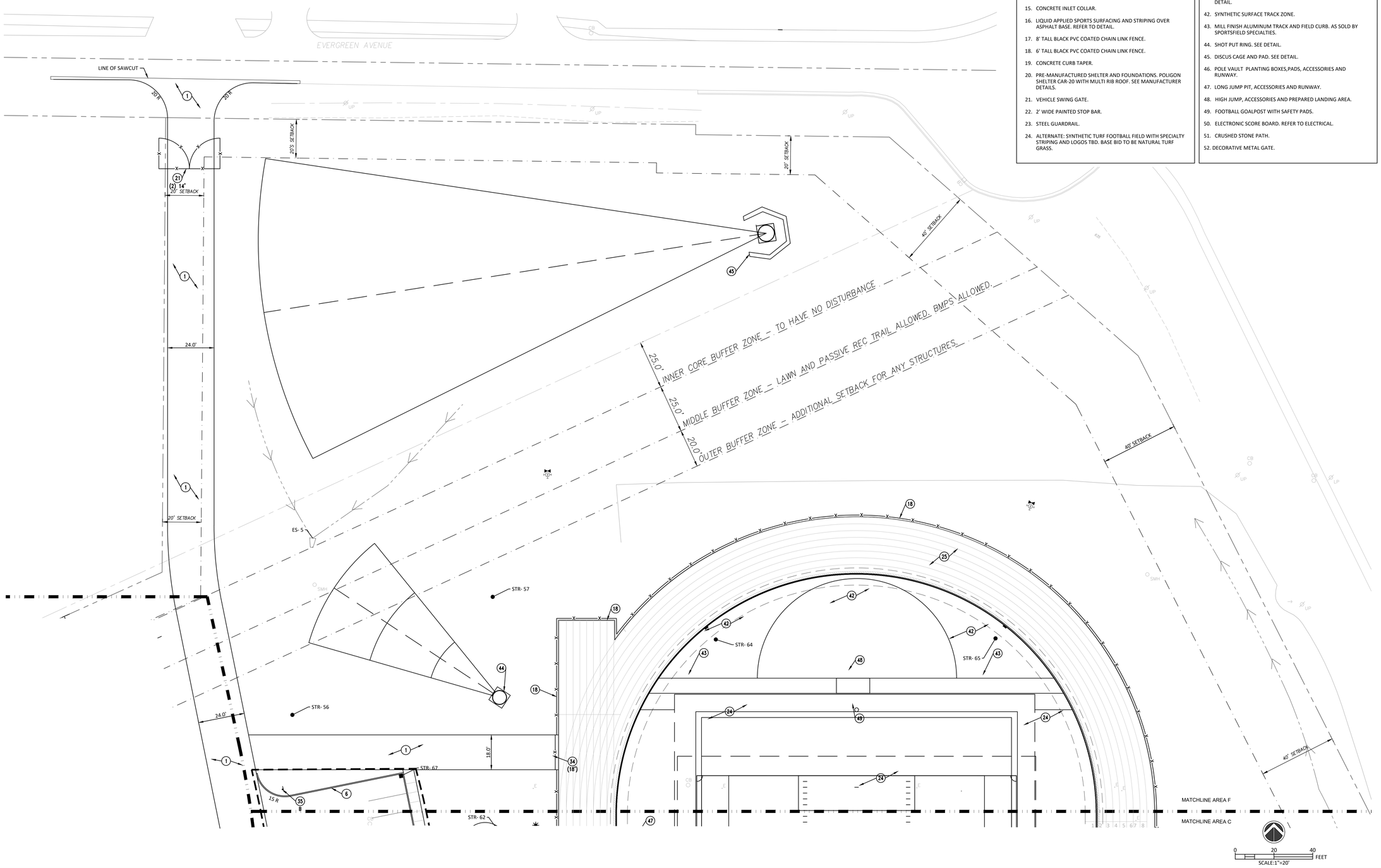

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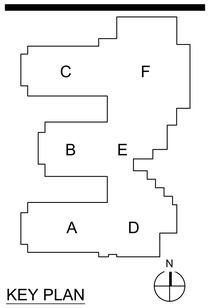

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SITE IMPROVEMENT PLAN AREA F

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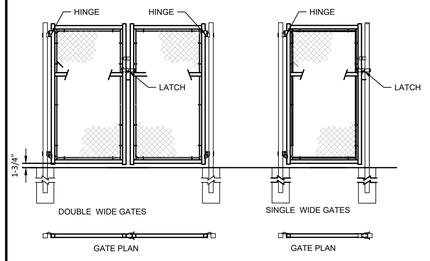
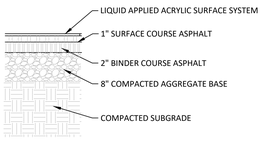
USE	FABRIC (UNDER 10' HT.)	FABRIC (10' AND OVER)
CORNER, END & PULL POST	SCHED. 40 2.875" O.D.	SCHED. 40 4" O.D.
INTERMEDIATE POST	SCHED. 40 2.375" O.D.	SCHED. 40 4" O.D.
TOP AND BRACE RAILS	SCHED. 40 1.66" O.D.	SCHED. 40 1.66" O.D.
GATE POST FOR LEAF WIDTH: LESS THAN 6'	SCHED. 40 2.875"O.D.	SCHED. 40 4" O.D.
GATE FRAME	SCHED. 40 1.90" O.D.	SCHED. 40 1.90" O.D.

NOTE: CHAIN LINK FENCE FABRIC SHALL HAVE BLACK PVC COATING THERMALLY FUSED TO ZINC COATED WIRE. ALL POSTS, RAILS AND BRACING SHALL ALSO HAVE BLACK PVC COATING, THERMALLY FUSED TO GALVANIZED (ZINC COATED) STEEL PIPE.

CHAIN LINK FENCE AND FRAME SCHEDULE



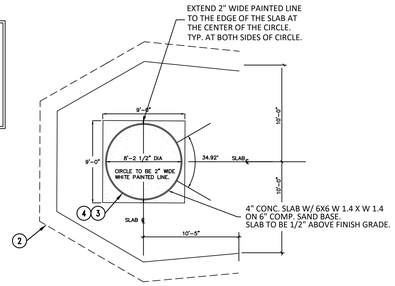
GATE DETAIL



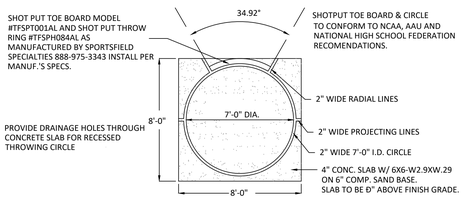
NOTES:
1. LIQUID APPLIED ACYLIC SURFACE SYSTEM COLORS AS INDICATED ON PLAN. FINAL COLOR SELECTIONS TO BE SELECTED FROM MANUFACTURERS FULL COLOR RANGE
2. SUBMIT PRODUCT FOR APPROVAL
3. FOLLOW ALL MANUFACTURERS INSTALLATION GUIDLINES.

5 ASPHALT SPORTCOURT DETAIL
NO SCALE

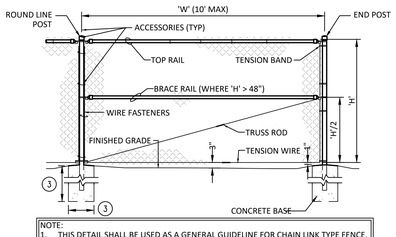
NOTES:
1. PROVIDE DRAINAGE HOLES THROUGH CONCRETE SLAB FOR RECESSED THROWING CIRCLE
2. DISCUS THROW RING #TFD099AL AS MANUFACTURED BY SPORTSFIELD SPECIALTIES 888-975-3343 INSTALL PER MANUFACTURER'S SPECS.
3. CIRCLE TO CONFORM TO NCAA, AAU AND NATIONAL HIGH SCHOOL FEDERATION RECOMMENDATIONS.
4. CIRCLE TO BE 2" WIDE WHITE PAINTED LINE.



15 DISCUS PAD AND ENCLOSURE PLAN
NO SCALE

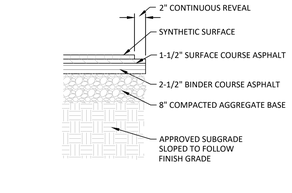


14 SHOTPUT RING PLAN
NO SCALE

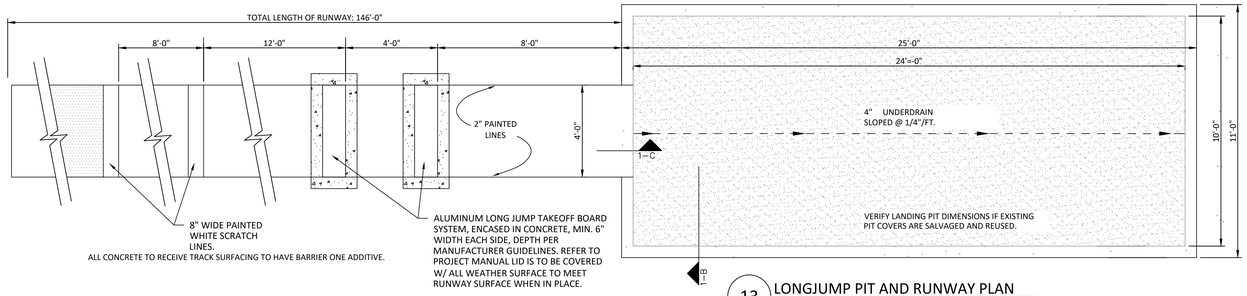


NOTE:
1. THIS DETAIL SHALL BE USED AS A GENERAL GUIDELINE FOR CHAIN LINK TYPE FENCE.
2. REFER TO SPECIFICATIONS FOR CHAIN LINK FABRIC, FRAMEWORK, ACCESSORIES AND INSTALLATION REQUIREMENTS. FABRIC AND POST FINISH PER SPECIFICATIONS.
3. POST INSTALLATION AND SPACING 'W' PER SPECIFICATIONS AND VENDOR RECOMMENDATIONS.
4. REFER TO IMPROVEMENT PLAN FOR LOCATIONS AND HEIGHT 'H'.

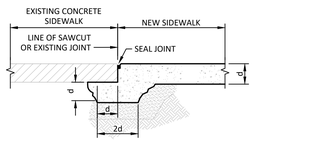
8 CHAIN LINK FENCE DETAIL
NO SCALE



4 ASPHALT WITH SYNTHETIC TRACK SURFACE
NO SCALE

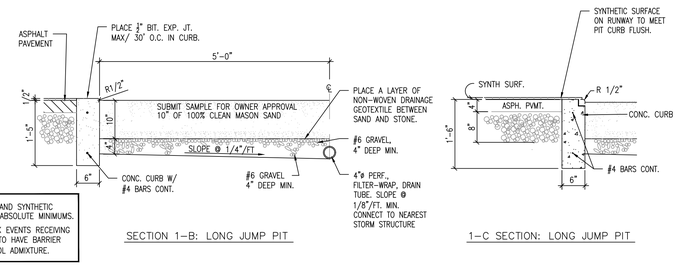


13 LONGJUMP PIT AND RUNWAY PLAN
NO SCALE



NOTES:
1. THIS DETAIL IS NOT APPLICABLE FOR USE IN AREAS SUBJECT TO VEHICULAR TRAFFIC.
2. NEW SIDEWALK SHALL BE FLUSH WITH EXISTING SIDEWALK.
3. REFER TO IMPROVEMENT PLAN FOR PAVEMENT THICKNESS (d).

3 NEW WALK TO EXISTING WALK DETAIL
NO SCALE

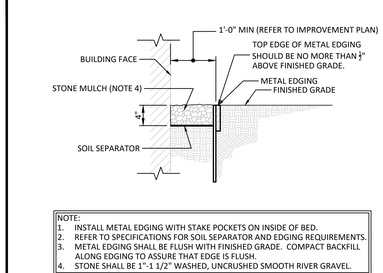


NOTES: ALL PAVEMENT, CONCRETE AND SYNTHETIC SURFACE DIMENSIONS ARE ABSOLUTE MINIMUMS.
CONCRETE MIXES AT TRACK EVENTS RECEIVING TRACK SURFACE OVERLAY TO HAVE BARRIER ONE PIA MOISTURE CONTROL ADMIXTURE.

SECTION 1–B: LONG JUMP PIT

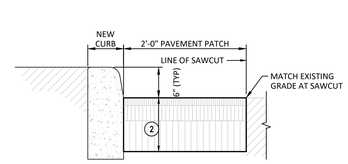
1–C SECTION: LONG JUMP PIT

12 LONGJUMP PIT AND RUNWAY SECTION DETAILS
NO SCALE



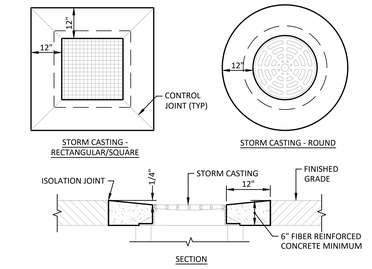
NOTE:
1. INSTALL METAL EDGING WITH STAKE POCKETS ON INSIDE OF BED.
2. REFER TO SPECIFICATIONS FOR SOIL SEPARATOR AND EDGING REQUIREMENTS.
3. METAL EDGING SHALL BE FLUSH WITH FINISHED GRADE. COMPACT BACKFILL ALONG EDGING TO ASSURE THAT EDGE IS FLUSH.
4. STONE SHALL BE 1"-1 1/2" WASHED, UNCRUSHED SMOOTH RIVER GRAVEL.

10 STONE MULCH DETAIL
NO SCALE

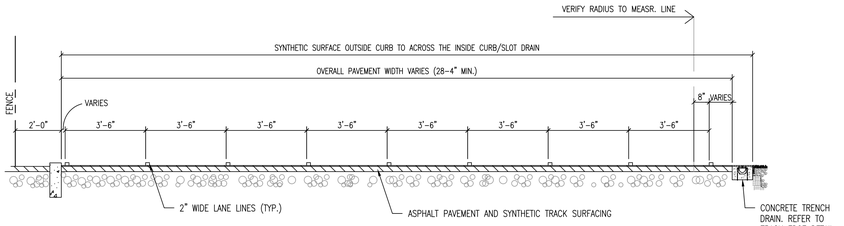


NOTE:
1. WHEN CONSTRUCTION OCCURS WITHIN PUBLIC RIGHT-OF-WAY, THE WORK SHALL COMPLY WITH THE GOVERNING AGENCY REQUIREMENTS.
2. REFER TO ASPHALT PAVEMENT DETAIL FOR SECTION.

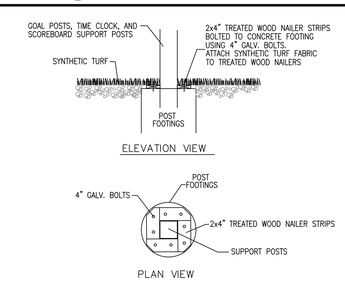
7 NEW CURB TO EXISTING ASPHALT PAVEMENT DETAIL
NO SCALE



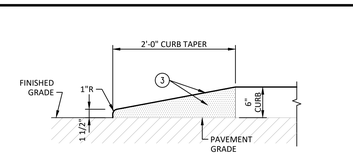
2 CONCRETE INLET COLLAR DETAIL
NO SCALE



11 TRACK AND STRAIGHTAWAY SECTION
NO SCALE

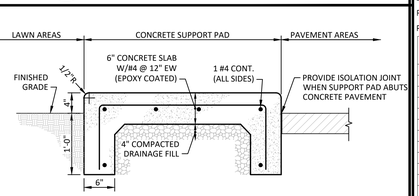


9 SYNTHETIC TURF NAILING STRIPS AT POSTS
NO SCALE



NOTE:
1. WHEN CONSTRUCTION OCCURS WITHIN PUBLIC RIGHT-OF-WAY, THE WORK SHALL COMPLY WITH THE GOVERNING AGENCY REQUIREMENTS.
2. REFER TO GRADING PLAN FOR CURB AND PAVEMENT ELEVATION INFORMATION.
3. WHEN CURB IS ADJACENT TO PEDESTRIAN TRAFFIC, PAINT TOP AND SIDES OF CURB YELLOW IN LOCATIONS WHERE CURB HEIGHT IS BETWEEN 0" AND 6". APPLY SILICA SAND TO WET PAINT PER SPECIFICATIONS.

6 CURB TAPER DETAIL
NO SCALE



NOTES:
1. CONTRACTOR TO COORDINATE SIZE, LOCATION, FINISHED GRADE, AND POSITIVE DRAINAGE REQUIREMENTS WITH EQUIPMENT PROVIDER.
2. PROVIDE STEEL TROWEL FINISH ON EXPOSED SURFACES AND SLOPE TOP SURFACE TO PROVIDE POSITIVE DRAINAGE.

1 EQUIPMENT SUPPORT PAD DETAIL
NO SCALE

THE NEW WALLACE AYLESWORTH MIDDLE SCHOOL

5910 Central Ave., Portage, Indiana 46368

PORTAGE TOWNSHIP SCHOOLS

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ARCHITECT

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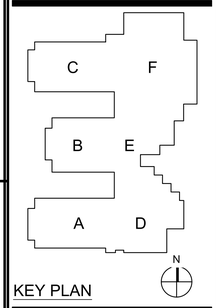
LANDSCAPE ARCHITECT

JPS CONSULTING ENGINEERS, LLC

317-617-4270 WWW.JPSCE.COM

11 Municipal Drive, Suite 300, Fishers, Indiana 46038



KEY PLAN

CONSTRUCTION DOCUMENTS

ANDREW D. JAMESON REGISTERED No. PE10200271 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

IMPROVEMENT PLAN DETAILS

C511

JPS Consulting Engineers - K:\Civil Projects\2024\24JPSC81 Portage Township Schools - Willowcreek Middle School\Drawings\C510.dwg November 11, 2025 - 10:41 AM EStuve

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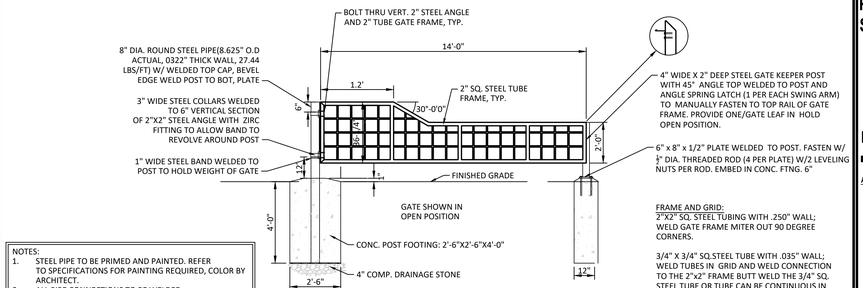
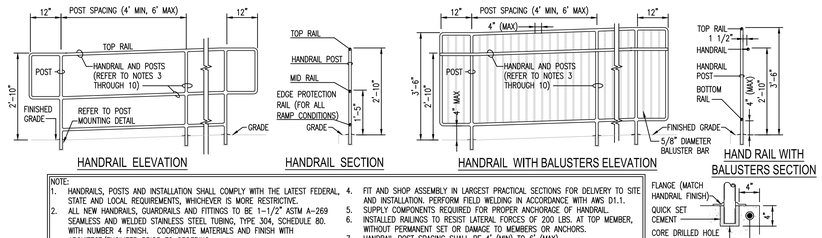


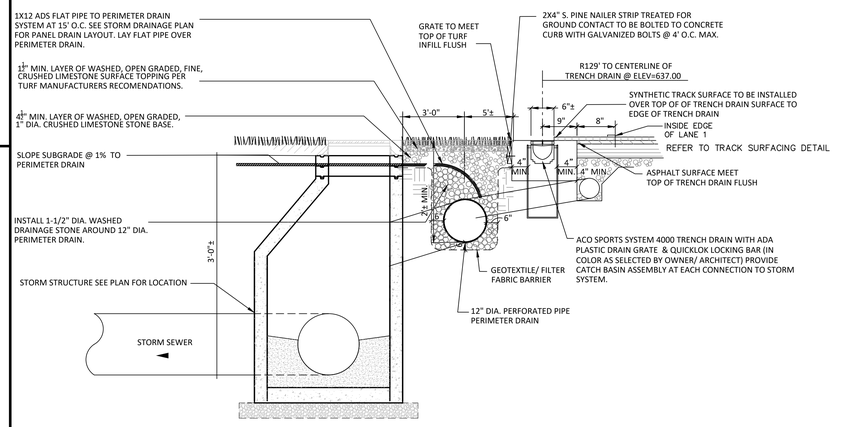
NOTES:
1. STEEL PIPE TO BE PRIMED AND PAINTED. REFER TO SPECIFICATIONS FOR PAINTING REQUIRED, COLOR BY ARCHITECT.
2. ALL PIPE CONNECTIONS TO BE WELDED
3. ALL HARDWARE (BOLTS, WASHES, NUTS, CHAIN) TO BE GALVANIZED.
4. PIPE GATE IS MANUFACTURED BY IDEAL RAILING CO., MICHIGAN CITY, IN PH:(219)872-8237 FAX 872-4778 OR APPROVED EQUAL.

3 VEHICULAR SWING GATE/ TUBE GATE
NO SCALE



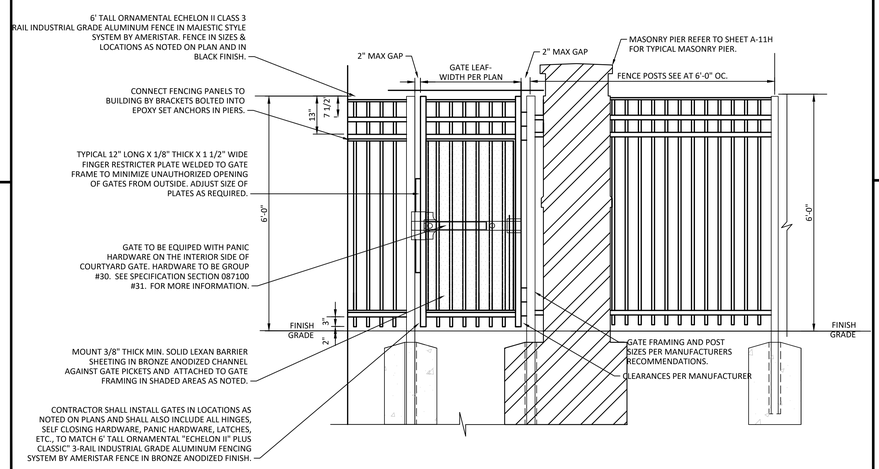
NOTE:
1. HANDRAILS, POSTS AND INSTALLATION SHALL COMPLY WITH THE LATEST FEDERAL, STATE AND LOCAL REQUIREMENTS, WHICHEVER IS MORE RESTRICTIVE.
2. ALL NEW HANDRAILS, GUARDRAILS AND FITTINGS TO BE 1-1/2" ASTM A-269 SEAMLESS AND WELDED STAINLESS STEEL TUBING, TYPE 304, SCHEDULE 80. WITH NUMBER 4 FINISH. COORDINATE MATERIALS AND FINISH WITH ARCHITECT/ENGINEER PRIOR TO ORDERING.
3. FABRICATE BENDS SMOOTH AND WRINKLE FREE. "TIG" WELD COMPONENTS TOGETHER. GRIND WELDS SMOOTH AND FINISH TO MATCH.
4. FIT AND SHOP ASSEMBLY IN LARGEST PRACTICAL SECTIONS FOR DELIVERY TO SITE AND INSTALLATION. PERFORM FIELD WELDING IN ACCORDANCE WITH AWS D1.1.
5. SUPPLY COMPONENTS REQUIRED FOR PROPER ANCHORAGE OF HANDRAIL.
6. INSTALLED RAILINGS TO RESIST LATERAL FORCES OF 200 LBS. AT TOP MEMBER, WITHOUT PERMANENT SET OR DAMAGE TO MEMBERS OR ANCHORS.
7. HANDRAIL POST SPACING SHALL BE 4' (MIN) TO 6' (MAX).
8. PROVIDE EXPANSION JOINTS IN HANDRAIL AS REQUIRED TO PREVENT TRANSFER OF EXPANSION STRESS TO ANCHORAGE COMPONENTS.
9. HANDRAIL WITH BALUSTERS REQUIRED WHERE GRADES ADJACENT TO SIDEWALK ARE GREATER THAN OR EQUAL TO 30" BELOW SIDEWALK ELEVATION.

5 HANDRAIL AND GUARDRAIL DETAIL
NO SCALE

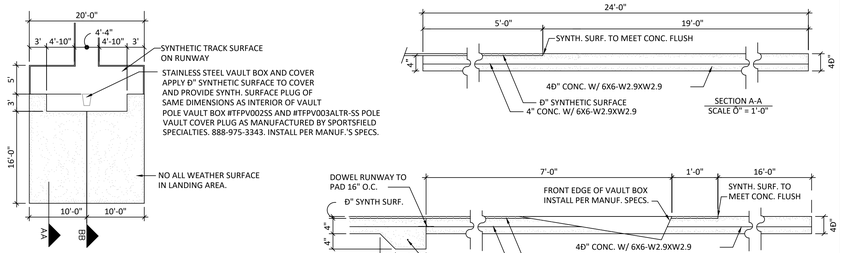


2 TRACK EDGE &TRENCH DRAIN DETAIL
NO SCALE

NOTES:
1. NO LOCKS OF LATCHES THAT ARE NOT OVERRIDDEN BY PANIC HARDWARE WILL BE ALLOWED. GATE LATCH TO BE 48" MAX HEIGHT, NORMAL HARDWARE HEIGHT, OR PER CODE.
2. GATE TO HAVE CAN'T SLAM SELF CLOSING/ SELF LOCKING GATE CLOSER.
3. FIELD MEASURE FOR EXACT LAYOUT AND SUBMIT SHOP DRAWINGS OF ALL GATES FOR APPROVAL PRIOR TO CONSTRUCTION.
4. CONTRACTOR TO COORDINATE ACCESS LOCKS WITH OWNER'S REPRESENTATIVE.
6. DOOR HARDWARE SUPPLIER SHALL DETERMINE THE FINAL SUITABILITY OF DOOR HARDWARE SPECIFIED.
7. FASTENINGS OF SUITABLE SIZE, QUANTITY, TYPE AND FINISH SHALL BE PROVIDED TO SECURE HARDWARE IN POSITION FOR HEAVY USE AND LONG LIFE.



4 ORNAMENTAL FENCE AND SECURE GATE
NO SCALE



1 POLE VAULT PAD DETAIL
NO SCALE

THE NEW WALLACE AYLESWORTH MIDDLE SCHOOL

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PORTAGE TOWNSHIP SCHOOLS

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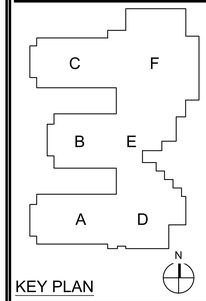

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DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

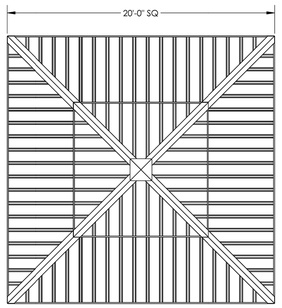
REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

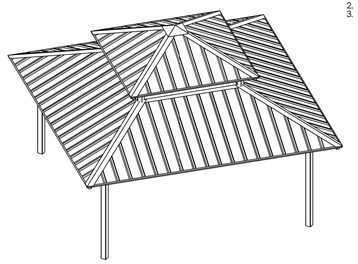
IMPROVEMENT PLAN DETAILS

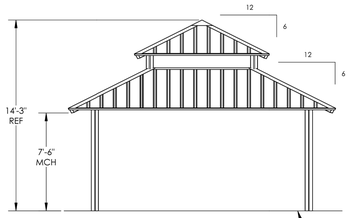
C512

JPS Consulting Engineers - K:\Civil Projects\2024\24JPSC81 Portage Township Schools - Willowcreek Middle School\Drawings\C510.dwg November 11, 2025 - 10:41 AM ESluyve

NOTES:
1. FOUNDATION DESIGN TO BE DELEGATED DESIGN. SUBMIT SHOP DRAWINGS FOR APPROVAL.
2. COLOR TO BE SELECTED BY ARCHITECT FROM MANUFACTURERS FULL COLOR RANGE.







GENERAL ROOF NOTES:

1. METAL ROOFING:
   - 24 GAUGE
   - GALVALUME COATED
   - KYNAR 500 PAINTED
2. TRIM COLOR MATCHES ROOF
3. SEE POLIGON.COM FOR COLOR OPTIONS

STOP!!
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DRAWING: ARCHITECTURAL ELEVATIONS
SCALE: 1:55 | REV LEVEL: A
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SHEET 1

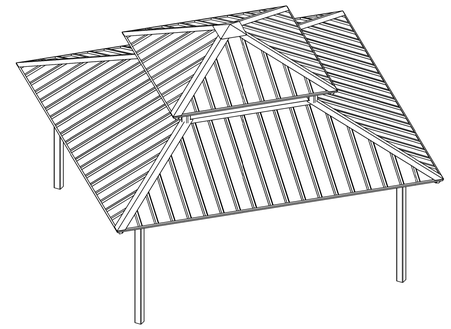
3 SHELTER PRODUCT INFORMATION
NO SCALE

poligon®

PROJECT:
LOCATION:
BUILDING TYPE: CAR 20
ROOF TYPE: MULTI-RIB
BUILDING NUMBER:
ORDER NUMBER:
QUOTE NUMBER:

DRAWING LIST:

SHEET NUMBER	DRAWING DESCRIPTION
CS	COVER SHEET
1	ARCHITECTURAL ELEVATIONS
2	STRUCTURAL FRAMING PLAN
3	COLUMN LAYOUT



CERTIFICATES:
MIAMI-DADE COUNTY CERTIFICATE OF COMPETENCY NO. 21-0819.13
PCI (POWDER COATING INSTITUTE) 4000 CERTIFIED

FABRICATOR APPROVALS:
CITY OF PHOENIX, AZ APPROVED FABRICATOR #C08-2010
CITY OF LOS ANGELES, CA APPROVED FABRICATOR #FB01596
CITY OF RIVERSIDE, CA APPROVED FABRICATOR #SF_000042
CITY OF HOUSTON, TX APPROVED FABRICATOR #470
CLARK COUNTY, NV APPROVED FABRICATOR #264
STATE OF UTAH APPROVED FABRICATOR 02008-14
AISC APPROVED FABRICATOR C-0001875

MATERIALS:

DESCRIPTION	ASTM DESIGNATION
TUBE STEEL	A500 (GRADE B)
SCHEDULE PIPE	A53 (GRADE B)
PIPE PIPE	A53
LIGHT GAGE COLD FORMED STRUCTURAL STEEL PLATE	A1003 (GRADE 50)
ROOF PANELS (STEEL)	A36
	A653

GENERAL NOTES:
UNLESS NOTED OTHERWISE, THIS STRUCTURE WAS DESIGNED TO ONLY SUPPORT WHAT IS SHOWN ON THESE DRAWINGS. THE MANUFACTURER MUST BE CONTACTED IF ANYTHING ELSE IS TO BE ATTACHED TO THIS STRUCTURE (WALLS, COLUMN WRAPS, RAILINGS, ETC.) SO THE DESIGN OF THIS STRUCTURE CAN BE REVIEWED AND POSSIBLY REVISED.

UNLESS NOTED OTHERWISE, THIS STRUCTURE WAS DESIGNED ASSUMING A 20' SEPARATION BETWEEN ANY ADJACENT STRUCTURE WITH AN EAVE HEIGHT EQUAL TO OR GREATER THAN THE EAVE HEIGHT OF THIS STRUCTURE. IF THAT SEPARATION DOES NOT EXIST, THE MANUFACTURER MUST BE CONTACTED SO THE DESIGN OF THIS STRUCTURE CAN BE REVIEWED AND POSSIBLY REVISED.

STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) SPECIFICATION MANUAL.

ALL WELDING IS PERFORMED BY AMERICAN WELDING SOCIETY (AWS) CERTIFIED WELDERS AND CONFORMS TO THE LATEST EDITION OF AWS D1.1 OR D1.3 AS REQUIRED.

PARTS SHOWN MAY BE UPGRADED DUE TO STANDARDIZED FABRICATION. REFER TO THE SHIPPING BILL OF MATERIALS FOR POSSIBLE SUBSTITUTIONS.

FOR PROPER FIELD INSTALLATION OF THE BUILDING IT IS RECOMMENDED THAT THE PRIMARY FRAME INSTALLER AND THE ROOF INSTALLER HAVE A MINIMUM FIVE (5) YEARS DOCUMENTED EXPERIENCE INSTALLING THIS TYPE OF PRODUCT.

FOR PROPER FIELD INSTALLATION OF THE BUILDING IT IS RECOMMENDED THAT ELECTRIC WIRING, IF REQUIRED, BE RUN THROUGH THE STRUCTURAL MEMBERS BEFORE THE BUILDING IS ERECTED.

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SCALE: 1:40
DRAWN BY: chris.tisoc
PRINT DATE: 11/28/2023 2:56 PM
CAR-20
PROJECT: COVER SHEET
SHEET: CS

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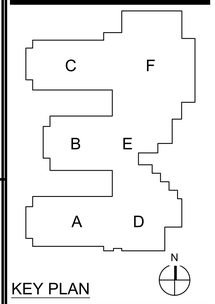


KEY PLAN

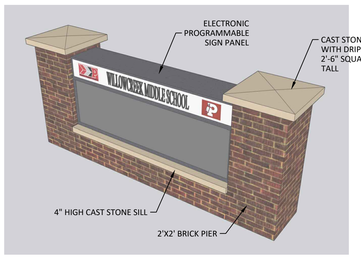
CONSTRUCTION DOCUMENTS

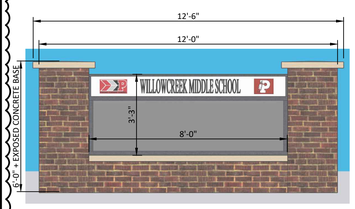
DRAWN BY:
PROJECT NUMBER: 223047.01 24JPCSE81
PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

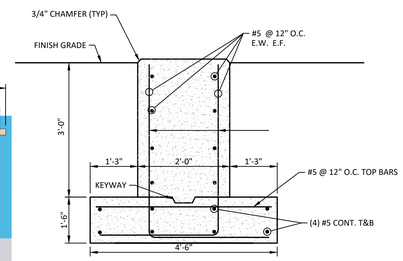
IMPROVEMENT PLAN DETAILS

C513

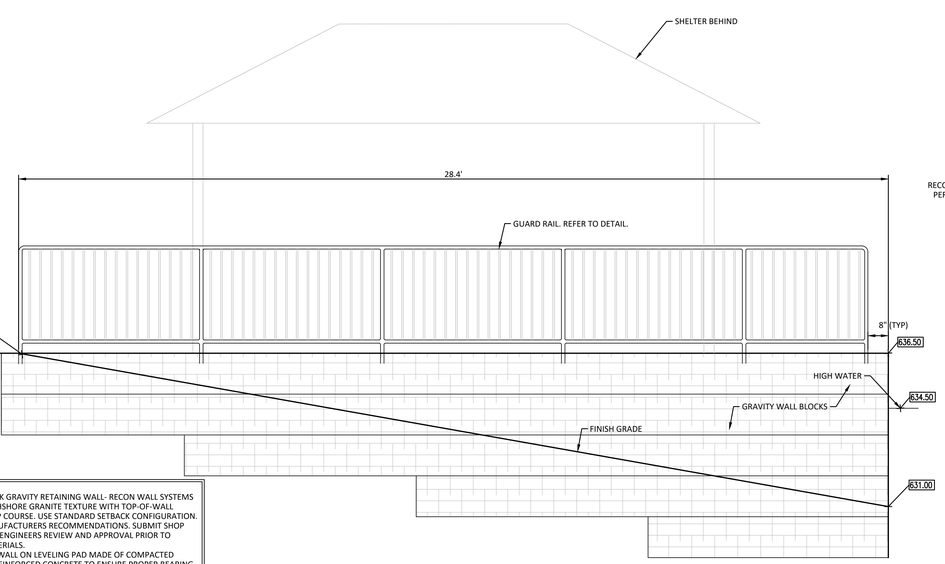




1 MONUMENTAL SIGN BASIS OF DESIGN
NO SCALE

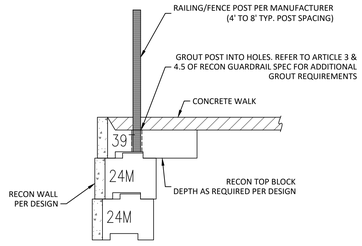


FOUNDATION SECTION

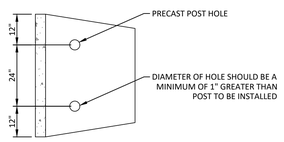


NOTES:
1. MODULAR BLOCK GRAVITY RETAINING WALL- RECON WALL SYSTEMS BLOCK IN NORTHSHORE GRANITE TEXTURE WITH TOP-OF-WALL BLOCKS FOR TOP COURSE. USE STANDARD SETBACK CONFIGURATION.
2. BUILD PER MANUFACTURERS RECOMMENDATIONS. SUBMIT SHOP DRAWINGS FOR ENGINEERS REVIEW AND APPROVAL PRIOR TO ORDERING MATERIALS.
3. SET RETAINING WALL ON LEVELING PAD MADE OF COMPACTED STONE OR UN-REINFORCED CONCRETE TO ENSURE PROPER BEARING AND LEVELNESS FOR THE BLOCKS.
4. SEE MANUFACTURERS WATER APPLICATION DETAIL AND TOP OF WALL FINISHING DETAIL FOR ADDITIONAL BACKFILL AND SURFACE COURSE REQUIREMENTS.

2 GRAVITY WALL DETAIL
1/2" = 1'-0"



FENCE/RAILING CONNECTION
SECTION VIEW



FENCE/RAILING CONNECTION
PLAN VIEW

MANUFACTURER RAILING NOTES:
1. BLOCK MASS REQUIRED TO RESIST POST LOADING SHALL BE DETERMINED BY THE DESIGN ENGINEER.
2. MANUFACTURER/ENGINEER TO PROVIDE ADEQUATE POST AND FINAL CONNECTION REQUIREMENTS.
3. DETAILS SHOWN ARE FOR POST TO BLOCK CONNECTION OPTIONS. REFER TO DRAWING #502 BLOCK TO BLOCK CONNECTION.
4. CONNECTION OPTIONS SHOWN ARE FOR POST TO TOP BLOCK. CONNECTION WOULD BE SIMILAR WHEN ATTACHING TO RECON'S FULL HIGH CAP OR OTHER BLOCKS.
5. CHECK WITH LOCAL RECON PRODUCER FOR AVAILABILITY OF BLOCKS WITH PRECAST HOLES.

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GENERAL NOTES

A. ALL DISTURBED LAWN AREAS TO BE SEEDED UNLESS OTHERWISE NOTED.

B. SEE SHEET C608 FOR ALL ALTERNATE LANDSCAPE PLAN

C. THE LANDSCAPE IRRIGATION SYSTEM DESIGN ON THIS PROJECT IS TO BE DELEGATED AS THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL SUBMIT IRRIGATION SHOP DRAWINGS AND A CERTIFIED (SEALED WITH CID CERTIFICATION) IRRIGATION PLAN FOR REVIEW PRIOR TO CONSTRUCTION.THE IRRIGATION DESIGNER IS RESPONSIBLE FOR THE FOLLOWING:

- CONFIRM WITH THE OWNER IF THERE IS A SPRAY HEAD MANUFACTURER THAT IS PREFERRED
- WORK WITH THE WATER UTILITY COMPANY TO OBTAIN PRESSURE AND FLOW TEST DATA FOR THE WATER MAIN THAT WILL BE SUPPLYING THE IRRIGATION SYSTEM. IF THE IRRIGATION SYSTEM IS TO BE FED FROM A BUILDING WATER SUPPLY ON SITE, THEN COORDINATE WITH THE PLUMBING ENGINEER.
- COORDINATE THE LOCATION OF THE IRRIGATION CONTROLS WITH THE OWNER/ARCHITECT PRIOR TO SUBMITTING THE DESIGN.
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○ PLAN NOTES

1. SPADE EDGE.
2. STONE MULCH AND METAL EDGING.
3. STONE MULCH INLET COLLAR.
4. LANDSCAPE BOULDER.
5. AREA OF NATIVE SEEDING. ECONOMY PRAIRIE MIX BY STANTEC NATIVE PLANT NURSERY OR SIMILAR APPROVED ALTERNATE. APPROX. 34,000 SF. APPLY AT RATE PER MANUFACTURER RECOMMENDATION.
6. AREA OF NATIVE SEEDING. BASIC PRAIRIE MIX BY STANTEC NATIVE PLANT NURSERY OR SIMILAR APPROVED ALTERNATE. APPROX. 78,000 SF. APPLY AT RATE PER MANUFACTURER RECOMMENDATION.

FURNITURE NOTES

A. (3) AVIVO BAR TABLES 30"X90" AS SOLD BY FORMS AND SURFACES. STAVO-B3090W SOLID PATTERN ALUMINUM TABLE TOP OPTION.

B. (18) AVIVO BAR STOOLS AS SOLD BY FORMS AND SURFACES. SCAVO-B SOLID PATTERN FOR SEAT AND BACK OPTION.

C. (56) AVIVO CHAIRS AS SOLD BY FORMS AND SURFACES. SCAVIO ARMLESS OPTION WITH SOLID SEAT AND BACK OPTION.

D. (14) COLUMN TABLE WITH ROUND BASE AS SOLD BY FORMS AND SURFACES. SPCRO-24S36 WITH SATIN FINISH.

E. (14) TRIO BENCHES AS SOLD BY FORMS AND SURFACES. SBTRO-72BA SURFACE MOUNT.

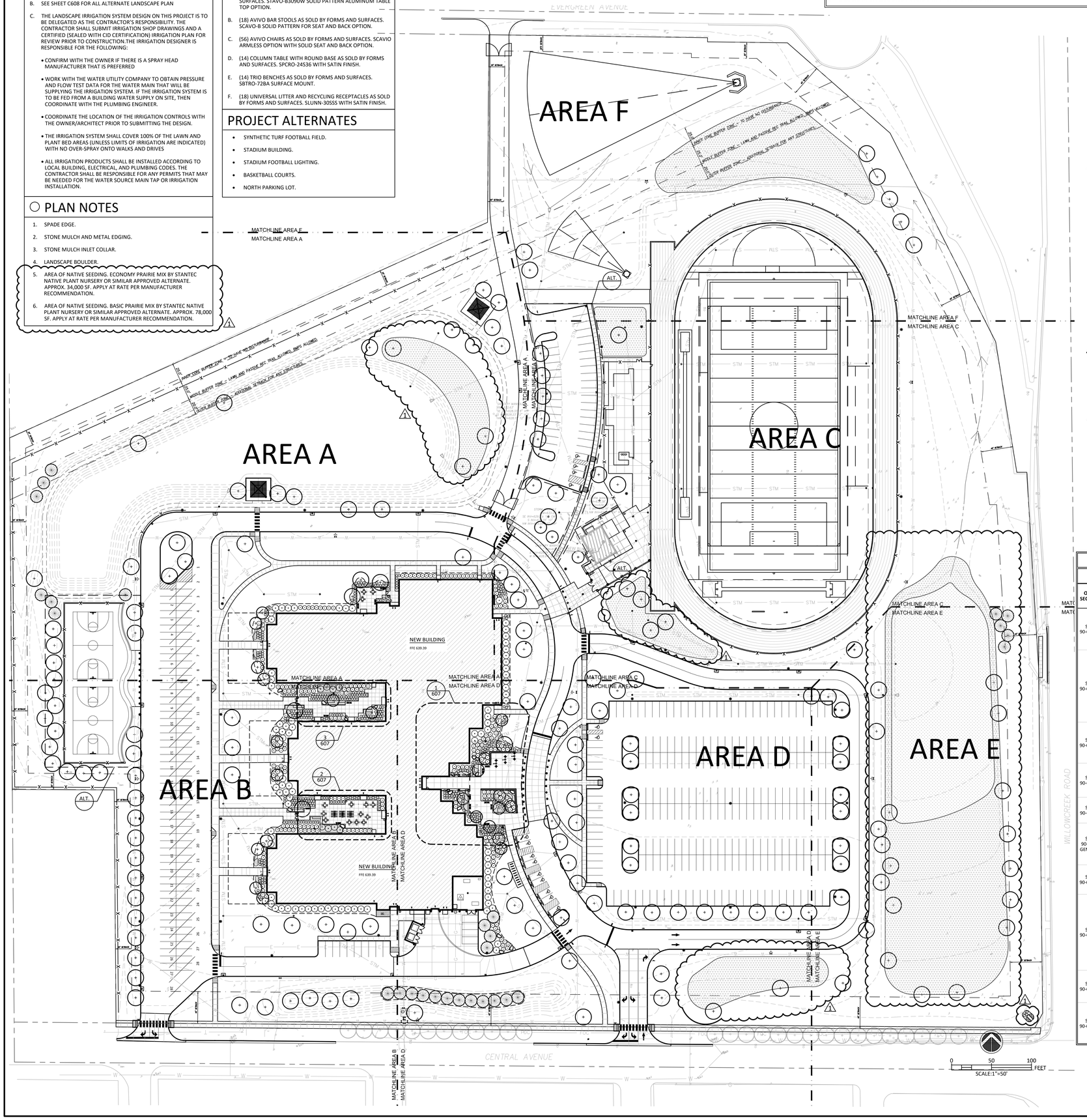
F. (18) UNIVERSAL LITTER AND RECYCLING RECEPTACLES AS SOLD BY FORMS AND SURFACES. SLUNN-30SSS WITH SATIN FINISH.

PROJECT ALTERNATES

- SYNTHETIC TURF FOOTBALL FIELD.
- STADIUM BUILDING.
- STADIUM FOOTBALL LIGHTING.
- BASKETBALL COURTS.
- NORTH PARKING LOT.

NOTE TO BIDDERS:

1. ALL LANDSCAPING PLANTS/INSTALLATION PROVIDED BY OWNER IN FUTURE.
2. BASE BID TO INCLUDE SEEDING AND LAWN RESTORATION ONLY.



PLANT LIST

	COUNT	MARK	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
	SHADE TREES					
	28	ACE-R	ACER x FREEMANII 'JEFFERSRED'	AUTUMN BLAZE MAPLE	2 ½"-3" CAL.	B&B
	12	BET-N	BETULA NIGRA 'CULLY'	HERITAGE BIRCH	12' HEIGHT	MULTI-STEM, B&B
	21	GLE-T	GLEDITSIA TRIACANTHOS 'SHADEMASTER'	SHADEMASTER HONEYLOCUST	2 ½"-3" CAL.	B&B
	33	LIR-T	LIRIODENDRON TULIPIFERA	TULIP TREE	2 ½"-3" CAL.	B&B
	10	NYS-S	NYSSA SYLVATICA	BLACK GUM	2 ½"-3" CAL.	B&B
	28	QUE-A	QUERCUS ALBA	WHITE OAK	2 ½"-3" CAL.	B&B
	12	QUE-M	QUERCUS MACROCARPA 'JFS-KW14'	COBBLESTONE BUR OAK	2 ½"-3" CAL.	B&B
	26	QUE-R	QUERCUS RUBRA	RED OAK	2 ½"-3" CAL.	B&B
	5	TAX-D	TAXODIUM DISTICHUM	BALD CYPRESS	2 ½"-3" CAL.	B&B
	ORNAMENTAL TREES					
	15	AME-G	AMELANCHIER x GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	8' HEIGHT	MULTI-STEM, B&B
	2	CHI-V	CHIONANTHUS VIRGINICUS	FRINGETREE	8' HEIGHT	MULTI-STEM, B&B
	11	CRA-P	CRATAEGUS PHAENOPYRUM	WASHINGTON HAWTHORN	1 ½"-2" CAL.	B&B
	EVERGREEN TREE					
	16	PIC-G	PICEA GLAUCA 'DENSATA'	BLACK HILLS SPRUCE	8' HEIGHT	B&B
	12	PIN-S	PINUS STROBUS	WHITE PINE	8' HEIGHT	B&B
	EVERGREEN SHRUBS					
1	47	ILE-G	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY	18"-24"	
	96	MYR-P	MYRICA PENSYLVANICA	NORTHERN BAYBERRY	30"-36"	
	SHRUBS					
	22	AES-P	AESCULUS PARVIFLORA	BOTTLEBRUSH BUCKEYE	24"-30"	5' O.C.
	33	ARO-A	ARONIA ARBUTIFOLIA 'BRILLIANTISSIMA'	BRILLIANT RED CHOKECHERRY	18"-24"	3' O.C.
	76	COR-B	CORNUS SERICEA 'BUDD'S YELLOW'	BUD'S YELLOW DOGWOOD	30"-36"	5' O.C.
	17	COR-S	CORNUS SERICEA 'KELSEYI'	KELSEY'S DWARF RED OSIER DOGWOOD	18"-24"	
	124	FOT-G	FOTHERGILLA GARDENII	DWARF FOTHERGILLA	18"-24"	3' O.C.
	36	FOT-M	FOTHERGILLA ' MOUNT AIRY'	MOUNT AIRY FOTHERGILLA	30"-36"	5' O.C.
	11	HAM-V	HAMAMELIS VIRGINIANA	WITCH HAZEL	30"-36"	5' O.C.
	37	POT-F	POTENTILLA FRUTICOSA 'LEMON MERINGUE'	LEMON MERINGUE POTENTILLA	18"-24"	
	105	VIB-D	VIBURNUM DENTATUM 'SYNNESTVEDT'	CHICAGO LUSTRE VIBURNUM	24"-30"	5' O.C.
	GRASSES					
	110	CHA-L	CHASMANTHIUM LATIFOLIUM	NORTHERN SEA OATS	#2 CONT.	2' O.C.
	87	PAN-V	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS	#2 CONT.	3' O.C.
	49	SCH-S	SCHIZACHYRIUM SCOPARIUM 'THE BLUES'	THE BLUES LITTLE BLUESTEM	#2 CONT.	3' O.C.
	20	SPO-H	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	#2 CONT.	2' O.C.
	PERENNIALS (MIX-P)					
	54	AMS-B	AMSONIA X 'BLUE ICE'	BLUE ICE BLUE STAR	#1 CONT.	18" O.C.
	47	ASC-T	ASCLEPIAS TURBEROSA	BUTTERFLY MILKWEED	#2 CONT.	18" O.C.
1	165	BOU-G	BOUTELOUA GRACILIS 'BLOND AMBITION'	BLOND AMBITION BLUE GRAMA GRASS	#2 CONT.	2' O.C.
	137	CAR-P	CAREX PENNSYLVANICA	PENNSYLVANIA SEDGE	PLUG	2' O.C.
	27	COR-L	COREOPSIS LANCEOLATA	SAND COREOPSIS	#2 CONT.	18" O.C.
	16	ERY-Y	ERYNGIUM YUCCIFOLIUM	RATTLESNAKE MASTER	#2 CONT.	18" O.C.
	64	EUR-M	EURYBIA MACROPHYLLA	BIG-LEAVED ASTER	#2 CONT.	18" O.C.
1	37	GER-M	GERANIUM MACULATUM	WILD GERANIUM	#2 CONT.	18" O.C.
	28	LIA-A	LIATRIS ASPERA	ROUGH BLAZING STAR	#2 CONT.	18" O.C.
	21	LOB-S	LOBELIA SIPHILITICA	GREAT BLUE LOBELIA	#2 CONT.	18" O.C.
	26	MON-F	MONARDA FISTULOSA	WILD BERGAMOT	#2 CONT.	18" O.C.

ALL PLANT SPECIES SPECIFIED FOR THIS PROJECT ARE NATIVE. ANY PROPOSED SUBSTITUTIONS MUST ALSO BE NATIVE SPECIES AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. SUBMIT SUBSTITUTION REQUESTS IN WRITING.

LANDSCAPE ORDINANCE CHART

PARCEL IS ZONED IS AND FOLLOWS GENERAL AND BUSINESS LANDSCAPE STANDARDS LISTED BELOW

ORD. SECTION	DESCRIPTION	MEASUREMENT	PLANTINGS REQUIRED	PLANTINGS PROVIDED
SEC. 90-6.36.B	NATIVE PLANTING REQUIREMENTS -ALL PLANTINGS ARE REQUIRED TO BE NATIVE TO THE REGION. -ALL DECIDUOUS TREES MUST HAVE AT LEAST A TWO-INCH CALIPER AND ALL EVERGREENS MUST BE AT LEAST SIX FEET IN HEIGHT WHEN PLANTED. ALL DECIDUOUS TREE SIZES MUST BE MEASURED USING DBH, AND ALL EVERGREEN TREE SIZES MUST BE DETERMINED BY MEASURING HEIGHT. UNDER NO CIRCUMSTANCES MAY ANY DEAD OR ARTIFICIAL PLANT BE INSTALLED AND/OR COUNTED AS PART OF THE MINIMUM PLANTING REQUIRED.	-	-	-
SEC. 90-6.36.C	TREE PRESERVATION ANY TREES MARKED "DO NOT REMOVE" ON THE SITE PLAN THAT ARE REMOVED OR INJURED BEYOND REPAIR MUST BE REPLACED BY ONE OR MORE SIMILAR SPECIES TREES WITH A CUMULATIVE DBH OF 1.25 TIMES THE DBH OF THE TREE WHICH WAS TO BE PRESERVED. THE FOLLOWING CREDITS SHALL BE GRANTED FOR AN EXISTING TREE AS FOLLOWS: •EACH PRESERVED DECIDUOUS TREE BETWEEN FOUR AND EIGHT INCHES DBH SHALL BE GRANTED CREDIT FOR TWO DECIDUOUS TREES. •EACH PRESERVED DECIDUOUS TREE BETWEEN EIGHT AND 12 INCHES DBH SHALL BE GRANTED CREDIT FOR THREE DECIDUOUS TREES. •EACH PRESERVED DECIDUOUS TREE OVER 12 INCHES DBH SHALL BE GRANTED CREDIT FOR FOUR DECIDUOUS TREES. •FOR EACH PRESERVED EVERGREEN TREE OVER TEN FEET TALL A CREDIT FOR TWO EVERGREEN TREES SHALL BE GRANTED.			
SEC. 90-6.36.D	LANDSCAPING EASEMENTS/ RIGHT OF WAY HARDSCAPE MATERIAL AND/OR SOFTSCAPE MATERIAL MAY EXTEND INTO AN EXISTING OR PROPOSED EASEMENT WITH THE WRITTEN PERMISSION FROM THE EASEMENT HOLDER. SUCH LANDSCAPE MATERIAL MAY EXTEND INTO THE EXISTING OR PROPOSED RIGHT-OF-WAY WITH THE WRITTEN PERMISSION OF THE BOARD OF PUBLIC WORKS AND SAFETY. SUCH SPECIAL PERMISSION IS NOT NECESSARY FOR THE INSTALLATION OF STREET TREES; HOWEVER, UTILITIES SHOULD ALWAYS BE MARKED PRIOR TO ANY PLANTING.			
SEC. 90-6.36.E	MAINTENANCE LANDOWNER IS RESPONSIBLE FOR ALL REGULAR MAINTENANCE OF ALL HARDSCAPE AND SOFTSCAPE MATERIALS. ANY SOFTSCAPE MATERIAL REQUIRED BY THIS ZONING ORDINANCE, THE PLAN COMMISSION, DIRECTOR OF COMMUNITY DEVELOPMENT, OR THE BOARD OF ZONING APPEALS THAT DIES, OR IS OTHERWISE REMOVED, MUST BE REPLACED WITHIN 60 DAYS OF DEATH. THE DIRECTOR OF COMMUNITY DEVELOPMENT MAY GRANT UP TO A 90-DAY EXTENSION DUE TO THE WEATHER.			
SEC. 90-6.36.F	SUBSTITUTIONS SUBSTITUTIONS OR ALTERATIONS OF MINIMAL PLANTING REQUIRED MAY BE REVIEWED AND APPROVED BY THE DIRECTOR OF COMMUNITY DEVELOPMENT, BUT MUST BE EQUAL TO OR GREATER THAN THAT WHICH IS REQUIRED.			
SEC. 90-6.40. GENERAL	PLANTING CLEARANCES: THE TRUNK OF ANY SHRUB SHALL NOT BE PLANTED WITHIN FIVE FEET OF THE PARKING LOT EDGE OR OTHER IMPERVIOUS SURFACE. THE TRUNK OF ANY TREE SHALL NOT BE PLANTED WITHIN TEN FEET OF THE PARKING LOT EDGE OR OTHER IMPERVIOUS SURFACE. ROOT BARRIERS SHALL BE INSTALLED FOR TREE PLANTINGS TO PROMOTE ROOTS TO GROW DOWN AND AWAY FROM IMPERVIOUS SURFACES. EACH TREE SHALL BE LOCATED IN A WELL-ESTABLISHED LAWN AREA OR DEDICATED PLANTING BED IF ACCOMPANIED BY OTHER PLANTINGS.	-	-	-
SEC. 90-6.40.A	LOT PLANTING AREA A SITE OVER 40,000 SQUARE FEET SHALL BE REQUIRED TO PLANT FOUR DECIDUOUS TREES IN THE LOT PLANTING AREA, PLUS ONE MORE DECIDUOUS TREE PER EVERY 20,000 SQUARE FEET OVER 40,000 SQUARE FEET.	1,265,483 SF	65 TREES	187 TREES
SEC. 90-6.40.B	FOUNDATION PLANTING AREA 1. IF THE FACADE THAT THE FOUNDATION PLANTINGS ARE TO BE PLACED IN FRONT OF IS LESS THAN 15 FEET IN HEIGHT (EXCLUSIVE OF ROOF), THEN SAID STRUCTURE SHALL HAVE A MINIMUM OF ONE SHRUB PLANTED PER TEN LINEAL FEET OF FOUNDATION FACING STREET OR PARKING AREA, LOCATED IN DEDICATED PLANTING BEDS AT LEAST TEN FEET WIDE AND WITHIN 20 FEET OF THE FOUNDATION WALL. CLUSTERING AND VARIATION OF DISTANCE BETWEEN THE PLANTING AND THE FOUNDATION IS RECOMMENDED. 2. IF THE FACADE THAT THE FOUNDATION PLANTINGS ARE TO BE PLACED IN FRONT OF IS GREATER THAN 15 FEET IN HEIGHT (EXCLUSIVE OF ROOF), THEN SAID STRUCTURE SHALL ALSO HAVE A MINIMUM OF ONE DECIDUOUS TREE PLANTED PER 40 LINEAL FEET OF FOUNDATION FACING STREET OR PARKING AREA, LOCATED IN DEDICATED PLANTING BEDS AT LEAST 20 FEET WIDE AND WITHIN 40 FEET OF THE FOUNDATION WALL. CLUSTERING AND VARIATION OF DISTANCE BETWEEN THE PLANTING AND THE FOUNDATION IS RECOMMENDED.	FACADE IS GREATER THAT 15" HEIGHT WITH A TOTAL OF 2134 LF OF FOUNDATION WALL. 1825 LF FACES STREET OR PARKING	46 TREES AND 20' WIDE PLANT BED	
SEC. 90-6.40.C	PARKING LOT PLANTING AREA 1.ONE DECIDUOUS TREE SHALL BE PLANTED FOR EVERY 60 LINEAR FEET OF PARKING LOT PERIMETER AND/OR BUFFER STRIP. ANY INTERIOR LANDSCAPE ISLANDS SHALL COMPLIMENT SITE LANDSCAPING. 2.ANY BUFFER STRIP SHALL USE A PLANTED GROUNDCOVER.	2,466 LF	40 Trees	44 Trees
SEC. 90-6.40.D	BUFFERYARD PLANTING AREA. IF ANY APPROVED BUSINESS LAND USE IS TO ABUT A LESSER INTENSE LAND USE, THE APPROVED BUSINESS LAND USE SHALL PLANT ADDITIONAL LANDSCAPING AS DETERMINED IN THE APPROVAL PROCESS. -AN ADDITIONAL TEN FEET OF SETBACK ALONG EACH AFFECTED PROPERTY LINE SHALL BE REQUIRED IF THE USE SHALL ABUT A RESIDENTIAL SITE DEVELOPMENT. -AN ADDITIONAL 20 FEET OF SETBACK ALONG EACH AFFECTED PROPERTY LINE SHALL BE REQUIRED IF THE USE SHALL ABUT A RESIDENTIAL LOT DEVELOPMENT.			

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THE NEW WALLACE AYLESWORTH MIDDLE SCHOOL

5910 Central Ave., Portage, Indiana 46368

PORTAGE TOWNSHIP SCHOOLS

PORTAGE TOWNSHIP SCHOOLS

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CIVIL ENGINEER

LANDSCAPE ARCHITECT

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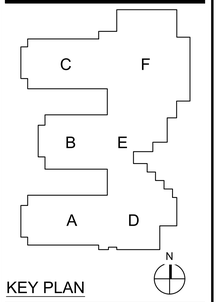

KEY PLAN

CONSTRUCTION DOCUMENTS

REGISTERED LANDSCAPE ARCHITECT No. LA21700009 STATE OF INDIANA

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

OVERALL SITE LANDSCAPE PLAN

C600

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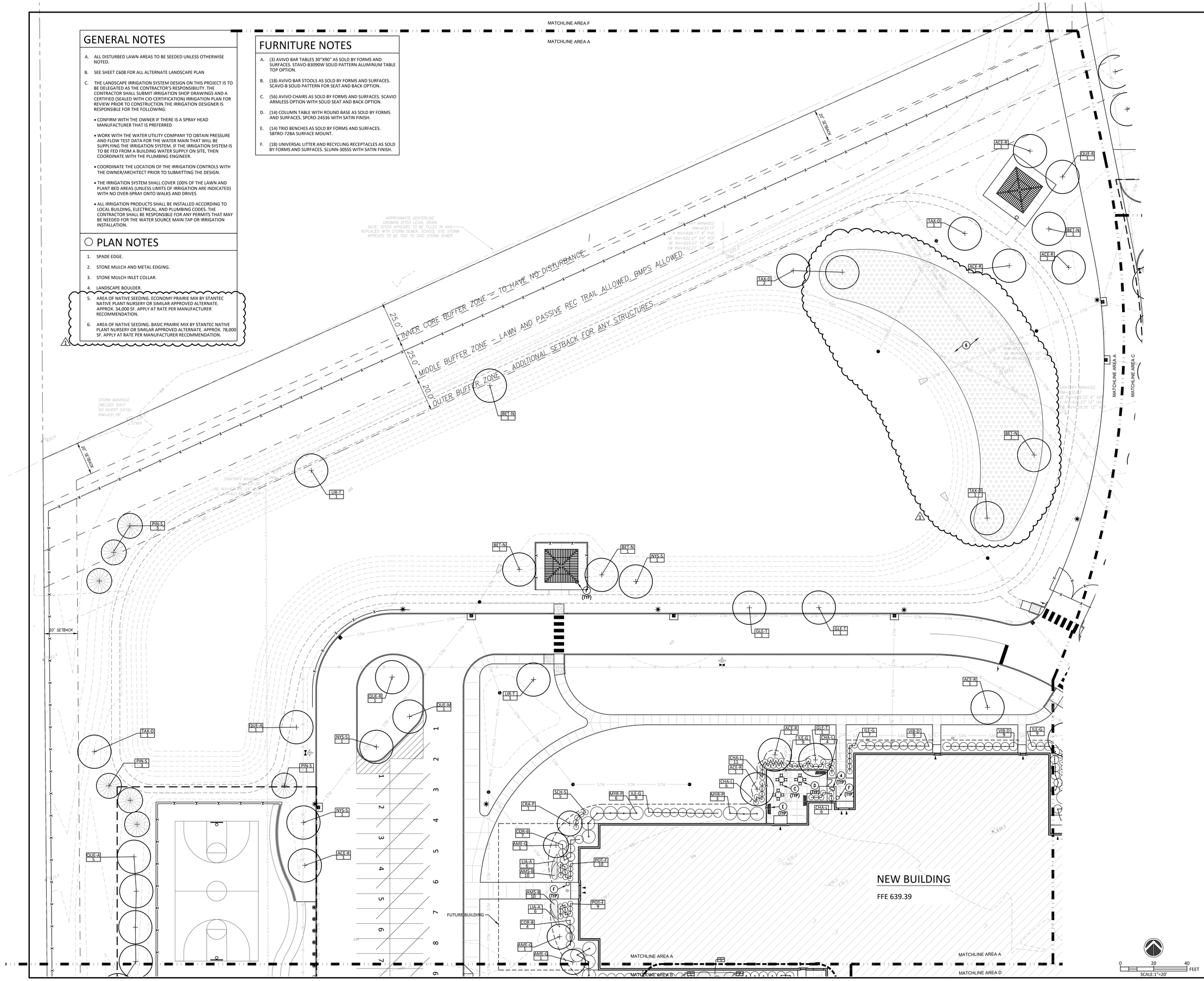

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LANDSCAPE ARCHITECT

JPS CONSULTING ENGINEERS, LLC

317-617-4270 WWW.JPSCE.COM

11 Municipal Drive, Suite 300, Fishers, Indiana 46038

KEY PLAN

CONSTRUCTION DOCUMENTS

REGISTERED No. LA21700009 STATE OF INDIANA LANDSCAPE ARCHITECT

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

SITE LANDSCAPE PLAN AREA-A

C601

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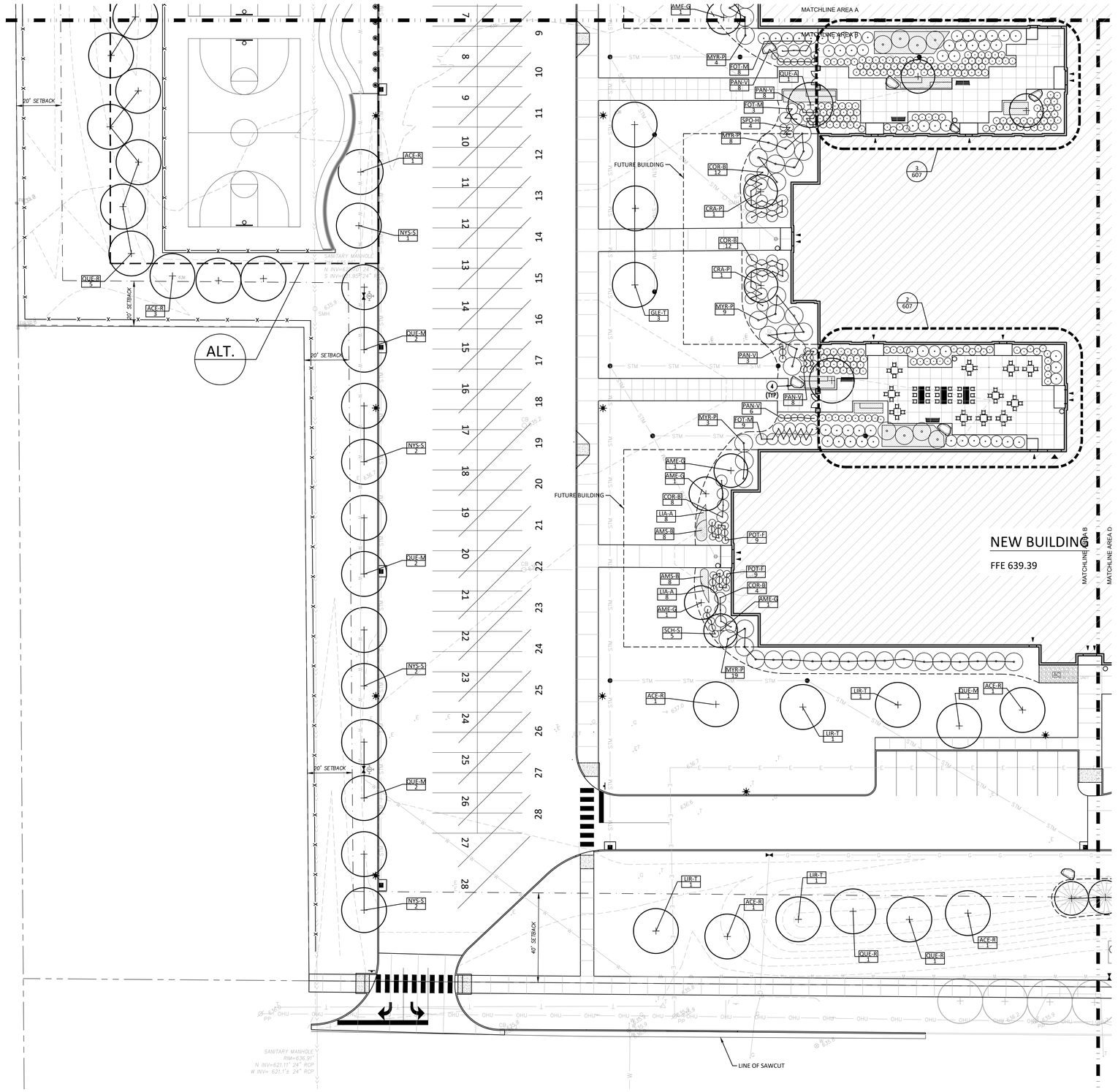

GENERAL NOTES

A. ALL DISTURBED LAWN AREAS TO BE SEEDED UNLESS OTHERWISE NOTED.

B. SEE SHEET C608 FOR ALL ALTERNATE LANDSCAPE PLAN

C. THE LANDSCAPE IRRIGATION SYSTEM DESIGN ON THIS PROJECT IS TO BE DELEGATED AS THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL SUBMIT IRRIGATION SHOP DRAWINGS AND A CERTIFIED (SEALED WITH CID CERTIFICATION) IRRIGATION PLAN FOR REVIEW PRIOR TO CONSTRUCTION.THE IRRIGATION DESIGNER IS RESPONSIBLE FOR THE FOLLOWING:

- CONFIRM WITH THE OWNER IF THERE IS A SPRAY HEAD MANUFACTURER THAT IS PREFERRED
- WORK WITH THE WATER UTILITY COMPANY TO OBTAIN PRESSURE AND FLOW TEST DATA FOR THE WATER MAIN THAT WILL BE SUPPLYING THE IRRIGATION SYSTEM. IF THE IRRIGATION SYSTEM IS TO BE FED FROM A BUILDING WATER SUPPLY ON SITE, THEN COORDINATE WITH THE PLUMBING ENGINEER.
- COORDINATE THE LOCATION OF THE IRRIGATION CONTROLS WITH THE OWNER/ARCHITECT PRIOR TO SUBMITTING THE DESIGN.
- THE IRRIGATION SYSTEM SHALL COVER 100% OF THE LAWN AND PLANT BED AREAS (UNLESS LIMITS OF IRRIGATION ARE INDICATED) WITH NO OVER-SPRAY ONTO WALKS AND DRIVES
- ALL IRRIGATION PRODUCTS SHALL BE INSTALLED ACCORDING TO LOCAL BUILDING, ELECTRICAL, AND PLUMBING CODES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY PERMITS THAT MAY BE NEEDED FOR THE WATER SOURCE MAIN TAP OR IRRIGATION INSTALLATION.

○ PLAN NOTES

1. SPADE EDGE.
2. STONE MULCH AND METAL EDGING.
3. STONE MULCH INLET COLLAR.
4. LANDSCAPE BOULDER.
5. AREA OF NATIVE SEEDING. ECONOMY PRAIRIE MIX BY STANTEC NATIVE PLANT NURSERY OR SIMILAR APPROVED ALTERNATE. APPROX. 34,000 SF. APPLY AT RATE PER MANUFACTURER RECOMMENDATION.
6. AREA OF NATIVE SEEDING. BASIC PRAIRIE MIX BY STANTEC NATIVE PLANT NURSERY OR SIMILAR APPROVED ALTERNATE. APPROX. 78,000 SF. APPLY AT RATE PER MANUFACTURER RECOMMENDATION.

FURNITURE NOTES

A. (3) AVIVO BAR TABLES 30"X90" AS SOLD BY FORMS AND SURFACES. STAVO-B3090W SOLID PATTERN ALUMINUM TABLE TOP OPTION.

B. (18) AVIVO BAR STOOLS AS SOLD BY FORMS AND SURFACES. SCAVO-B SOLID PATTERN FOR SEAT AND BACK OPTION.

C. (56) AVIVO CHAIRS AS SOLD BY FORMS AND SURFACES. SCAVIO ARMLESS OPTION WITH SOLID SEAT AND BACK OPTION.

D. (14) COLUMN TABLE WITH ROUND BASE AS SOLD BY FORMS AND SURFACES. SPCRO-24S36 WITH SATIN FINISH.

E. (14) TRIO BENCHES AS SOLD BY FORMS AND SURFACES. SBTRO-72BA SURFACE MOUNT.

F. (18) UNIVERSAL LITTER AND RECYCLING RECEPTACLES AS SOLD BY FORMS AND SURFACES. SLUNN-30SSS WITH SATIN FINISH.

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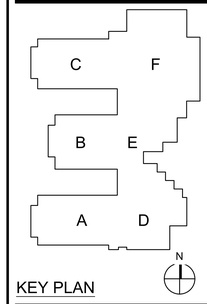

KEY PLAN

CONSTRUCTION DOCUMENTS

REGISTERED LANDSCAPE ARCHITECT
REBECCA K. POWELL
No. LA21700009
STATE OF INDIANA

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

SITE LANDSCAPE PLAN AREA-B

C602

0 20 40 FEET

SCALE:1"=20'

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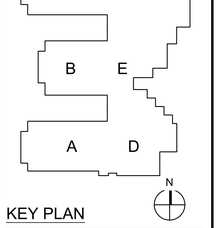

KEY PLAN

CONSTRUCTION DOCUMENTS

REBECCA K. BRAUN REGISTERED No. LA21700009 STATE OF INDIANA LANDSCAPE ARCHITECT

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

GENERAL NOTES

A. ALL DISTURBED LAWN AREAS TO BE SEEDED UNLESS OTHERWISE NOTED.

B. SEE SHEET C608 FOR ALL ALTERNATE LANDSCAPE PLAN

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PLAN NOTES

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2. STONE MULCH AND METAL EDGING.
3. STONE MULCH INLET COLLAR.
4. LANDSCAPE BOULDER.
5. AREA OF NATIVE SEEDING. ECONOMY PRAIRIE MIX BY STANTEC NATIVE PLANT NURSERY OR SIMILAR APPROVED ALTERNATE. APPROX. 34,000 SF. APPLY AT RATE PER MANUFACTURER RECOMMENDATION.
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FURNITURE NOTES

A. (3) AVIVO BAR TABLES 30"X90" AS SOLD BY FORMS AND SURFACES. STAVO-B3090W SOLID PATTERN ALUMINUM TABLE TOP OPTION.

B. (18) AVIVO BAR STOOLS AS SOLD BY FORMS AND SURFACES. SCAVO-B SOLID PATTERN FOR SEAT AND BACK OPTION.

C. (56) AVIVO CHAIRS AS SOLD BY FORMS AND SURFACES. SCAVIO ARMLESS OPTION WITH SOLID SEAT AND BACK OPTION.

D. (14) COLUMN TABLE WITH ROUND BASE AS SOLD BY FORMS AND SURFACES. SPCRO-24S36 WITH SATIN FINISH.

E. (14) TRIO BENCHES AS SOLD BY FORMS AND SURFACES. SBTRO-72BA SURFACE MOUNT.

F. (18) UNIVERSAL LITTER AND RECYCLING RECEPTACLES AS SOLD BY FORMS AND SURFACES. SLUNN-30SSS WITH SATIN FINISH.

0 20 40 FEET

SCALE:1"=20'

SITE LANDSCAPE PLAN AREA-C

C603

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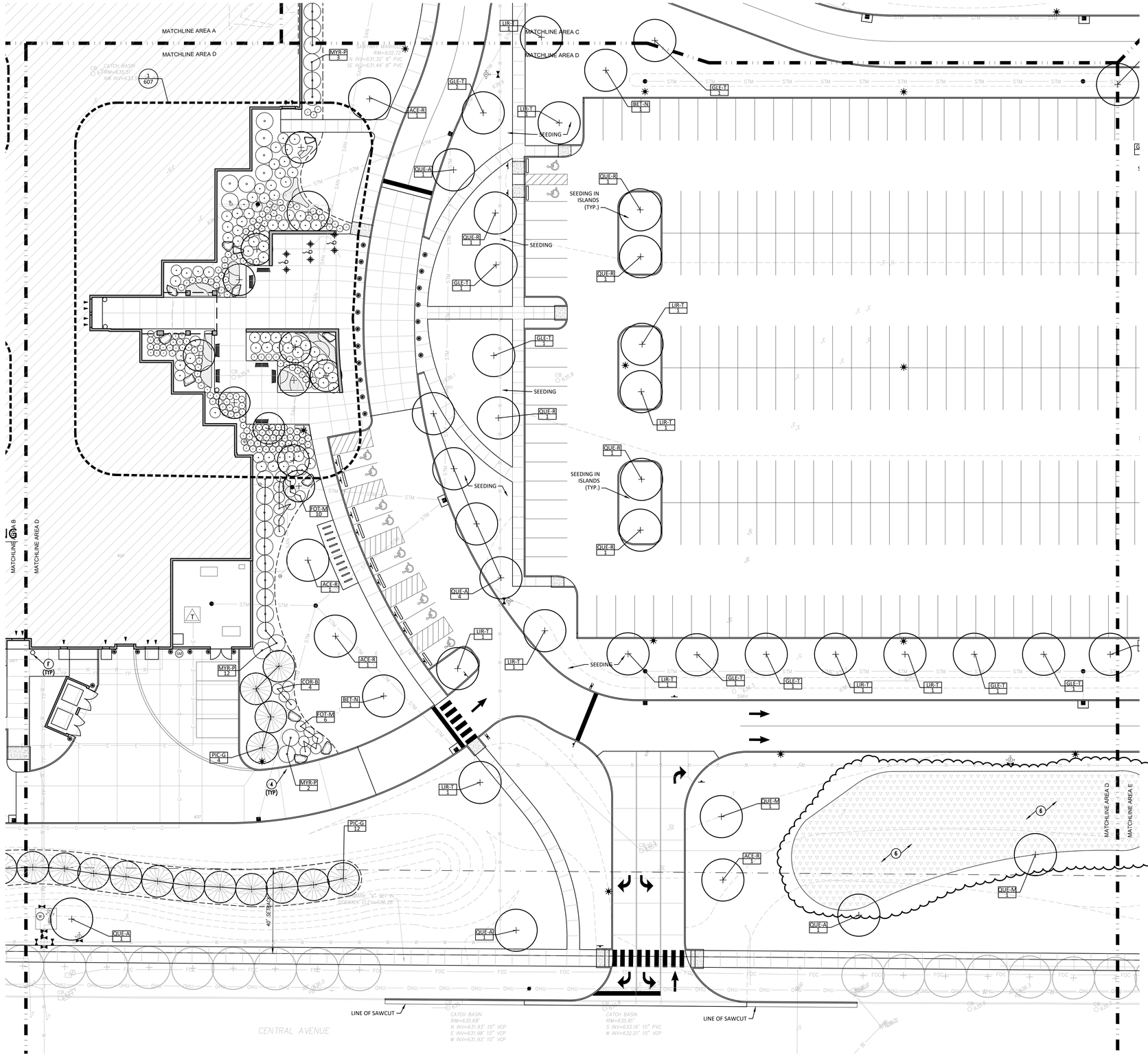

GENERAL NOTES

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1

FURNITURE NOTES

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B. (18) AVIVO BAR STOOLS AS SOLD BY FORMS AND SURFACES. SCAVO-8 SOLID PATTERN FOR SEAT AND BACK OPTION.

C. (56) AVIVO CHAIRS AS SOLD BY FORMS AND SURFACES. SCAVIO ARMLESS OPTION WITH SOLID SEAT AND BACK OPTION.

D. (14) COLUMN TABLE WITH ROUND BASE AS SOLD BY FORMS AND SURFACES. SPCRO-24536 WITH SATIN FINISH.

E. (14) TRIO BENCHES AS SOLD BY FORMS AND SURFACES. SBTRO-72BA SURFACE MOUNT.

F. (18) UNIVERSAL LITTER AND RECYCLING RECEPTACLES AS SOLD BY FORMS AND SURFACES. SLUNN-30SSS WITH SATIN FINISH.

0 20 40 FEET
SCALE:1"=20'

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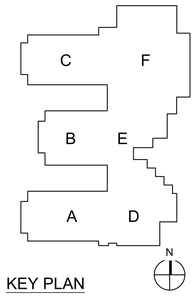

KEY PLAN

CONSTRUCTION DOCUMENTS

REGISTERED LANDSCAPE ARCHITECT No. LA21700009 STATE OF INDIANA

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

SITE LANDSCAPE PLAN AREA-D

C604

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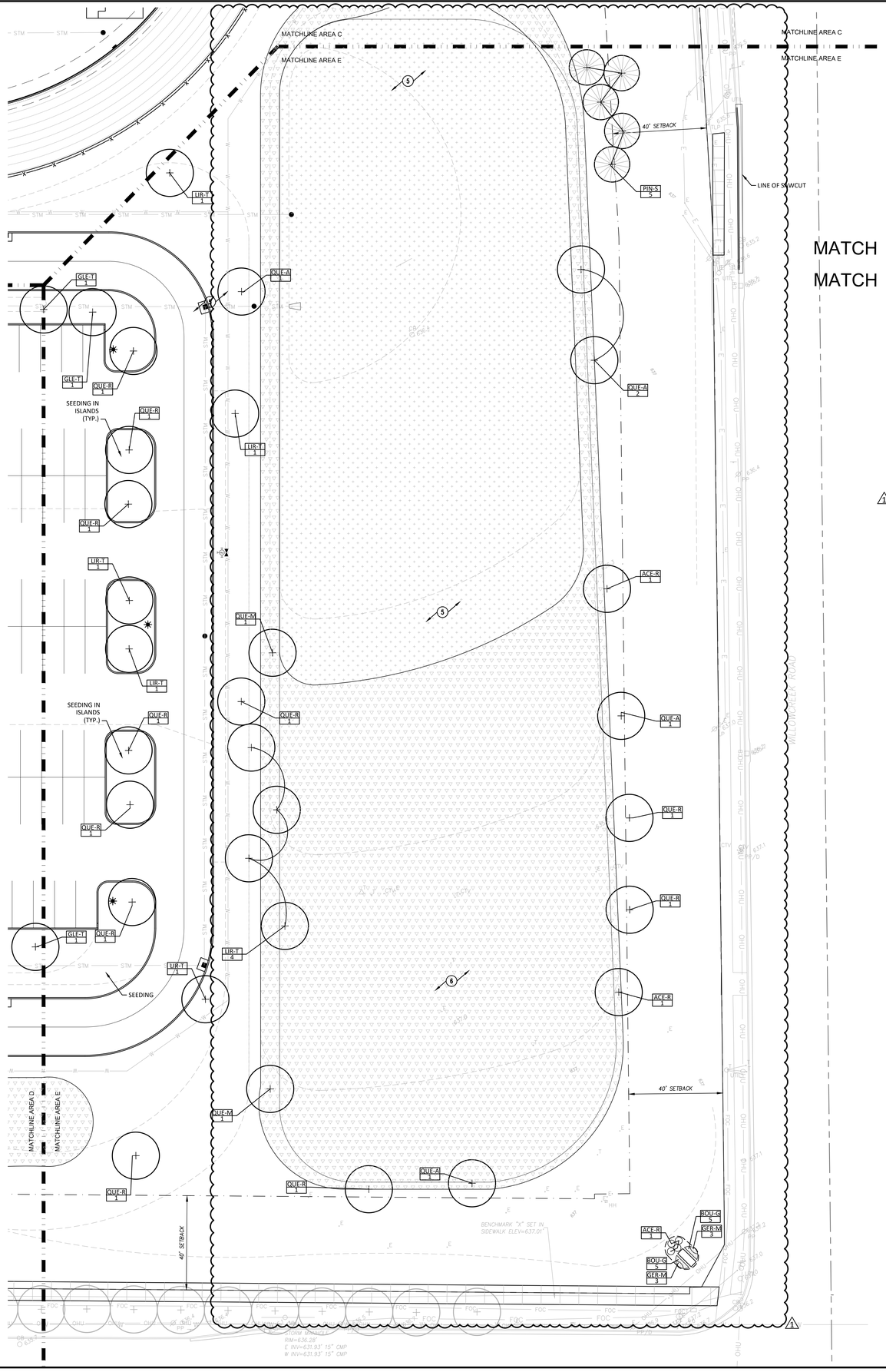

GENERAL NOTES

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B. SEE SHEET C608 FOR ALL ALTERNATE LANDSCAPE PLAN

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○ PLAN NOTES

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1

FURNITURE NOTES

A. (3) AVIVO BAR TABLES 30"X90" AS SOLD BY FORMS AND SURFACES. STAVO-B3090W SOLID PATTERN ALUMINUM TABLE TOP OPTION.

B. (18) AVIVO BAR STOOLS AS SOLD BY FORMS AND SURFACES. SCAVO-B SOLID PATTERN FOR SEAT AND BACK OPTION.

C. (56) AVIVO CHAIRS AS SOLD BY FORMS AND SURFACES. SCAVIO ARMLESS OPTION WITH SOLID SEAT AND BACK OPTION.

D. (14) COLUMN TABLE WITH ROUND BASE AS SOLD BY FORMS AND SURFACES. SPCRO-24536 WITH SATIN FINISH.

E. (14) TRIO BENCHES AS SOLD BY FORMS AND SURFACES. SBTRO-72BA SURFACE MOUNT.

F. (18) UNIVERSAL LITTER AND RECYCLING RECEPTACLES AS SOLD BY FORMS AND SURFACES. SLUNN-30SSS WITH SATIN FINISH.

0 20 40 FEET
SCALE:1"=20'

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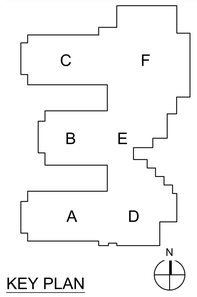

KEY PLAN

CONSTRUCTION DOCUMENTS

REGISTERED LANDSCAPE ARCHITECT No. LA21700009 STATE OF INDIANA

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

SITE LANDSCAPE PLAN AREA-E

C605

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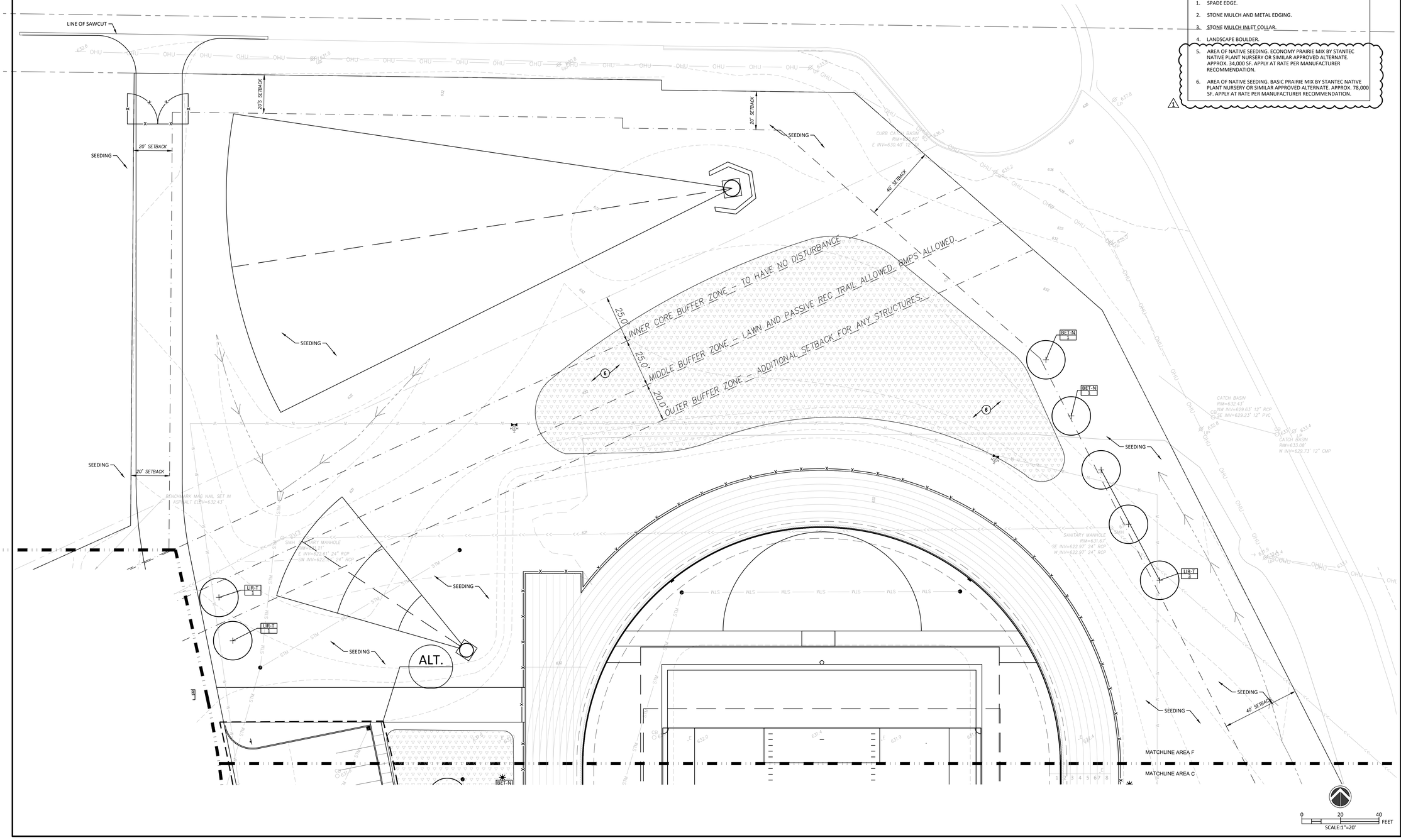

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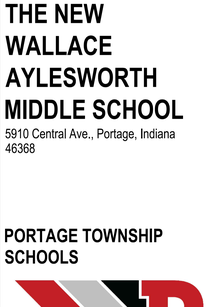

KEY PLAN

CONSTRUCTION DOCUMENTS

REBECCA K. BRANCH REGISTERED No. LA21700009 STATE OF INDIANA 10/31/2026 LANDSCAPE ARCHITECT

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

SITE LANDSCAPE PLAN AREA-F

C606

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A. ALL DISTURBED LAWN AREAS TO BE SEEDED UNLESS OTHERWISE NOTED.

B. SEE SHEET C608 FOR ALL ALTERNATE LANDSCAPE PLAN

C. THE LANDSCAPE IRRIGATION SYSTEM DESIGN ON THIS PROJECT IS TO BE DELEGATED AS THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL SUBMIT IRRIGATION SHOP DRAWINGS AND A CERTIFIED (SEALED WITH CID CERTIFICATION) IRRIGATION PLAN FOR REVIEW PRIOR TO CONSTRUCTION.THE IRRIGATION DESIGNER IS RESPONSIBLE FOR THE FOLLOWING:

- CONFIRM WITH THE OWNER IF THERE IS A SPRAY HEAD MANUFACTURER THAT IS PREFERRED
- WORK WITH THE WATER UTILITY COMPANY TO OBTAIN PRESSURE AND FLOW TEST DATA FOR THE WATER MAIN THAT WILL BE SUPPLYING THE IRRIGATION SYSTEM. IF THE IRRIGATION SYSTEM IS TO BE FED FROM A BUILDING WATER SUPPLY ON SITE, THEN COORDINATE WITH THE PLUMBING ENGINEER.
- COORDINATE THE LOCATION OF THE IRRIGATION CONTROLS WITH THE OWNER/ARCHITECT PRIOR TO SUBMITTING THE DESIGN.
- THE IRRIGATION SYSTEM SHALL COVER 100% OF THE LAWN AND PLANT BED AREAS (UNLESS LIMITS OF IRRIGATION ARE INDICATED) WITH NO OVER-SPRAY ONTO WALKS AND DRIVES
- ALL IRRIGATION PRODUCTS SHALL BE INSTALLED ACCORDING TO LOCAL BUILDING, ELECTRICAL, AND PLUMBING CODES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY PERMITS THAT MAY BE NEEDED FOR THE WATER SOURCE MAIN TAP OR IRRIGATION INSTALLATION.

○ PLAN NOTES

1. SPADE EDGE.
2. STONE MULCH AND METAL EDGING.
3. STONE MULCH INLET COLLAR.
4. LANDSCAPE BOULDER.
5. AREA OF NATIVE SEEDING. ECONOMY PRAIRIE MIX BY STANTEC NATIVE PLANT NURSERY OR SIMILAR APPROVED ALTERNATE. APPROX. 34,000 SF. APPLY AT RATE PER MANUFACTURER RECOMMENDATION.
6. AREA OF NATIVE SEEDING. BASIC PRAIRIE MIX BY STANTEC NATIVE PLANT NURSERY OR SIMILAR APPROVED ALTERNATE. APPROX. 78,000 SF. APPLY AT RATE PER MANUFACTURER RECOMMENDATION.

FURNITURE NOTES

A. (3) AVIVO BAR TABLES 30"X90" AS SOLD BY FORMS AND SURFACES. STAVO-B3090W SOLID PATTERN ALUMINUM TABLE TOP OPTION.

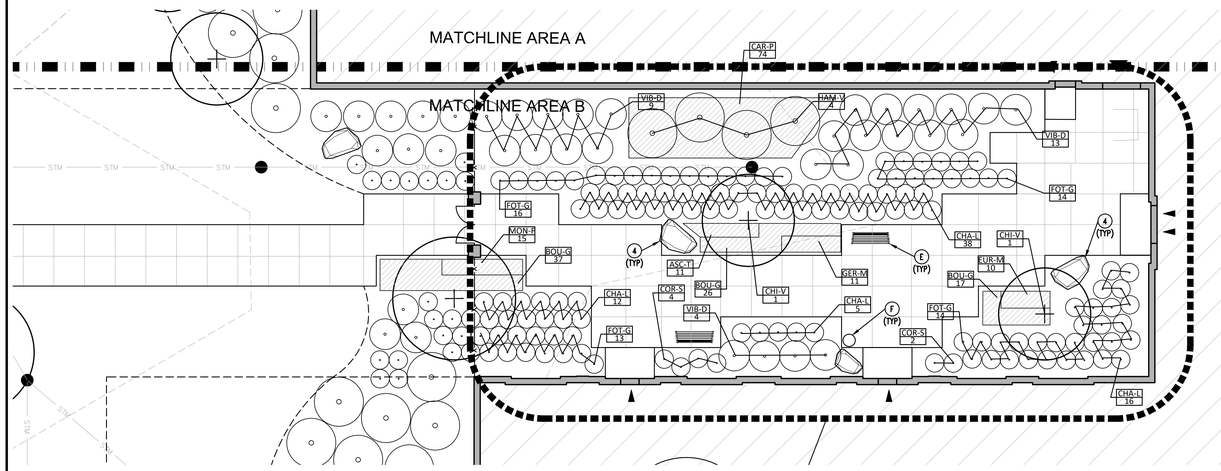
B. (18) AVIVO BAR STOOLS AS SOLD BY FORMS AND SURFACES. SCAVO-B SOLID PATTERN FOR SEAT AND BACK OPTION.

C. (56) AVIVO CHAIRS AS SOLD BY FORMS AND SURFACES. SCAVIO ARMLESS OPTION WITH SOLID SEAT AND BACK OPTION.

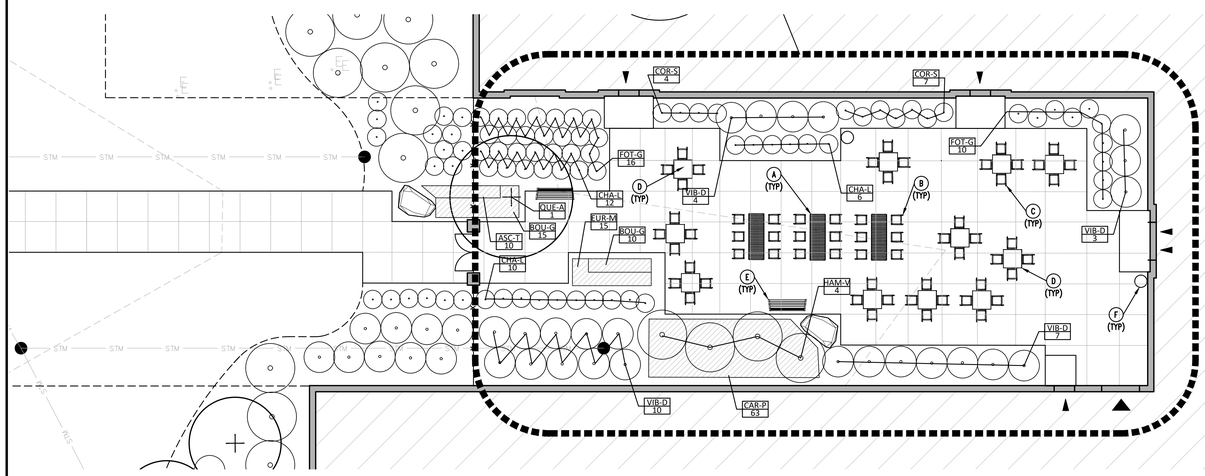
D. (14) COLUMN TABLE WITH ROUND BASE AS SOLD BY FORMS AND SURFACES. SPCRO-24S36 WITH SATIN FINISH.

E. (14) TRIO BENCHES AS SOLD BY FORMS AND SURFACES. SBTRO-72BA SURFACE MOUNT.

F. (18) UNIVERSAL LITTER AND RECYCLING RECEPTACLES AS SOLD BY FORMS AND SURFACES. SLUNN-30SSS WITH SATIN FINISH.



3 ENLARGEMENT
SCALE: 1"=10'



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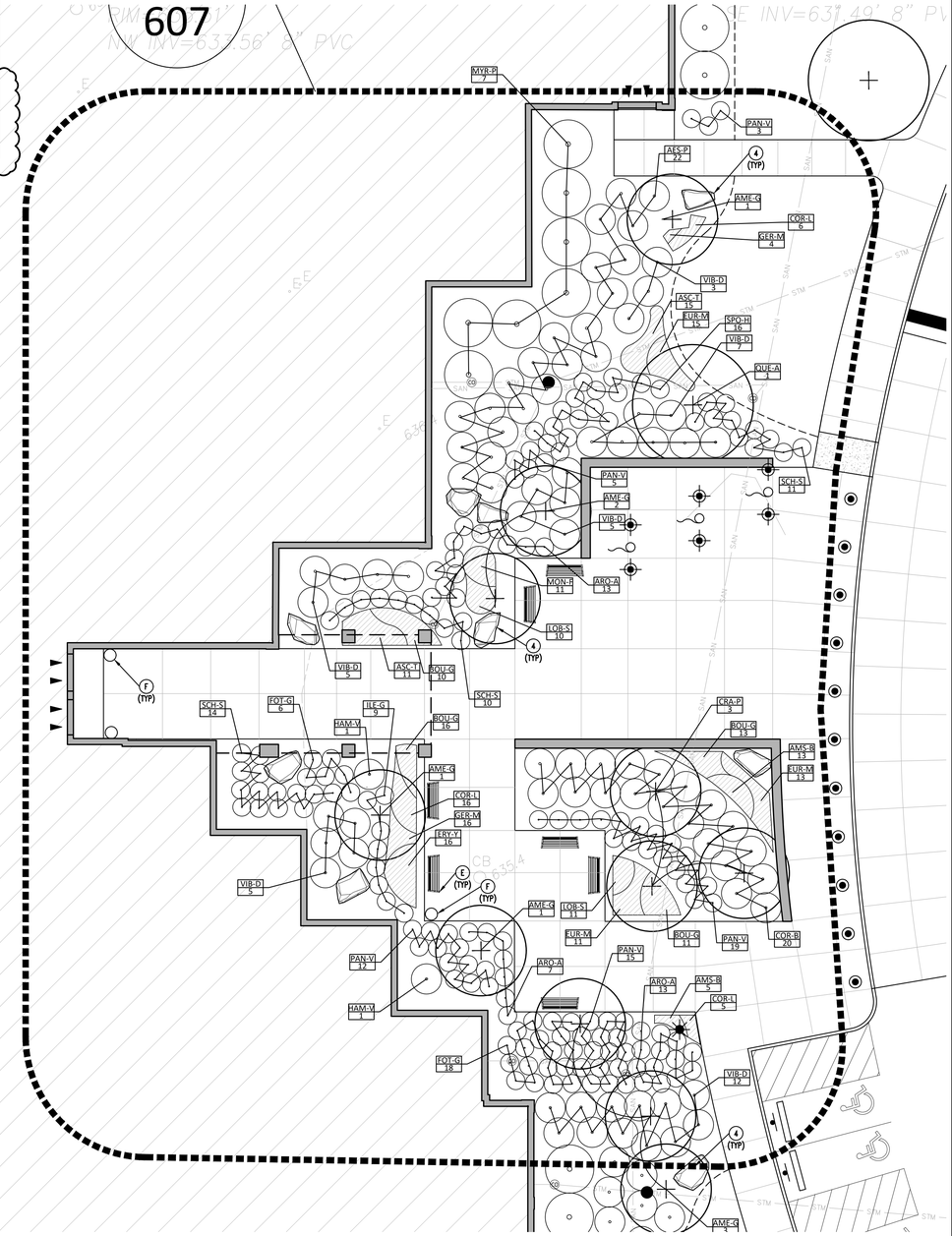

1 ENLARGEMENT
SCALE: 1"=10'

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LANDSCAPE ARCHITECT

JPS CONSULTING ENGINEERS, LLC

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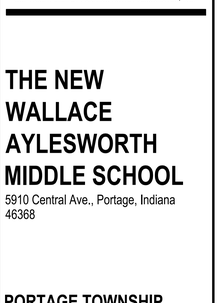

KEY PLAN

CONSTRUCTION DOCUMENTS

REBECCA K. RAMEY REGISTERED No. LA21700009 STATE OF INDIANA LANDSCAPE ARCHITECT

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

LANDSCAPE PLAN ENLARGEMENTS

C607

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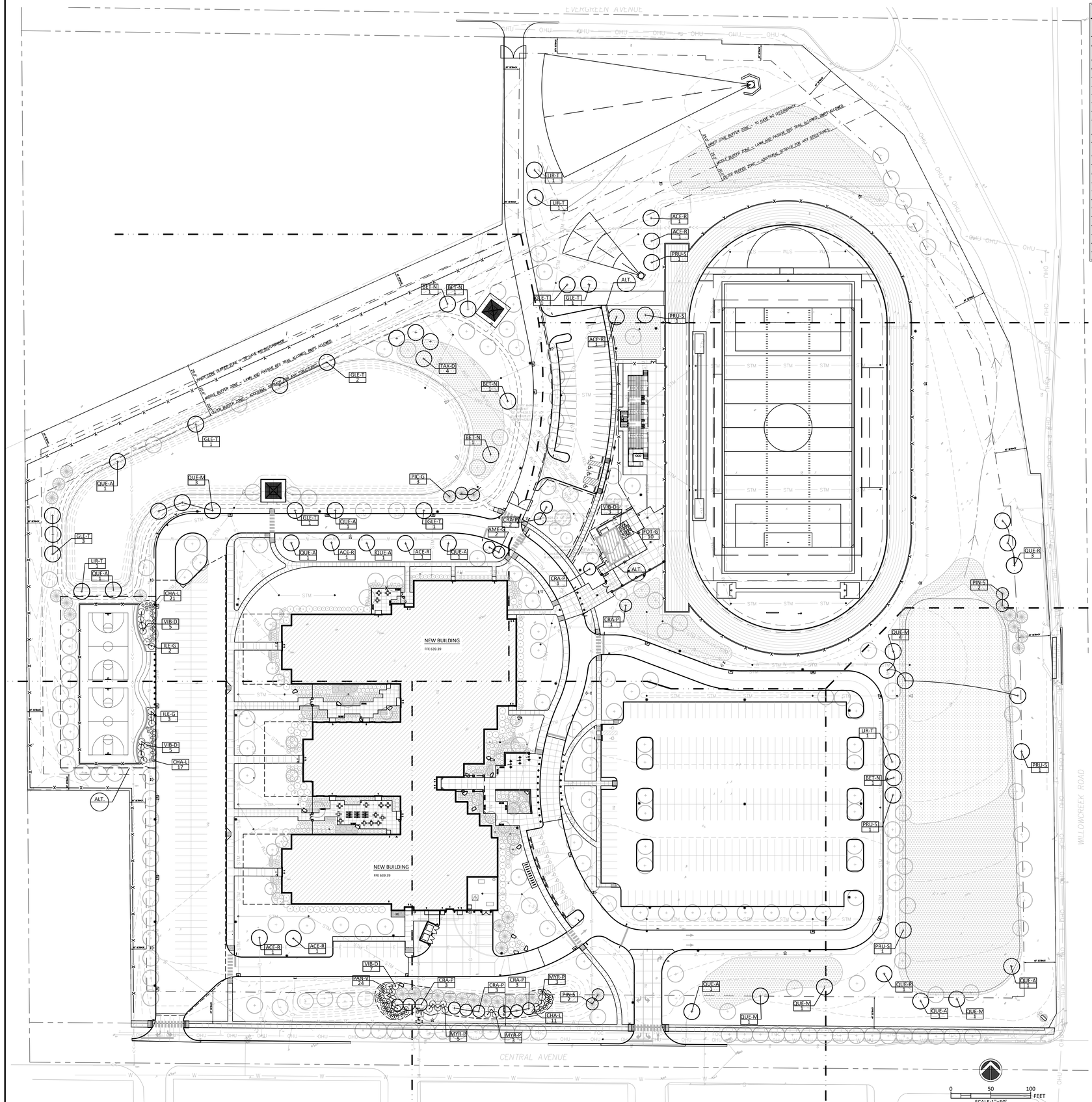

ALTERNATE PLANT LIST

COUNT	MARK	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
SHADE TREES					
7	ACE-F	ACER x FREEMANII 'JEFFERSRED'	AUTUMN BLAZE MAPLE	2 ½"-3" CAL.	B&B
5	BET-N	BETULA NIGRA 'CULLY'	HERITAGE BIRCH	12' HEIGHT	MULTI-STEM, B&B
11	GLE-T	GLEDITSIA TRIACANTHOS 'SHADEMASTER'	SHADEMASTER HONEYLOCUST	2 ½"-3" CAL.	B&B
4	LIR-T	LIRIODENDRON TULIPIFERA	TULIP TREE	2 ½"-3" CAL.	B&B
5	PRU-S	PRUNUS SEROTINA	BLACK CHERRY	2 ½"-3" CAL.	B&B
7	QUE-A	QUERCUS ALBA	WHITE OAK	2 ½"-3" CAL.	B&B
10	QUE-M	QUERCUS MACROCARPA 'JFS-KW14'	COBBLESTONE BUR OAK	2 ½"-3" CAL.	B&B
4	QUE-R	QUERCUS RUBRA	RED OAK	2 ½"-3" CAL.	B&B
4	TAX-D	TAXODIUM DISTICHUM	BALD CYRESS	2 ½"-3" CAL.	B&B
ORNAMENTAL TREES					
2	AME-G	AMELANCHIER x GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	8' HEIGHT	MULTI-STEM, B&B
13	CRA-P	CRATAEGUS PHAENOPYRUM	WASHINGTON HAWTHORN	1 ½"-2" CAL.	B&B
EVERGREEN TREE					
3	PIC-G	PICEA GLAUCA 'DENSATA'	BLACK HILLS SPRUCE	8' HEIGHT	B&B
4	PIN-S	PINUS STROBUS	WHITE PINE	8' HEIGHT	B&B
EVERGREEN SHRUBS					
5	ILE-G	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY	30"-36"	
11	MYR-P	MYRICA PENSYLVANICA	NORTHERN BAYBERRY	30"-36"	
SHRUBS					
10	FOT-G	FOTHERGILLA GARDENII	DWARF FOTHERGILLA	18"-24"	3' O.C.
13	VIB-D	VIBURNUM DENTATUM 'SYNNESTVEDT'	CHICAGO LUSTRE VIBURNUM	24"-30"	5' O.C.
GRASSES					
49	CHA-L	CHASMANTHIUM LATIFOLIUM	NORTHERN SEA OATS	#2 CONT.	3' O.C.

PROJECT ALTERNATES

- SYNTHETIC TURF FOOTBALL FIELD.
- STADIUM BUILDING.
- STADIUM FOOTBALL LIGHTING.
- BASKETBALL COURTS.
- NORTH PARKING LOT.

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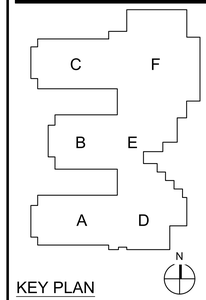

KEY PLAN

CONSTRUCTION DOCUMENTS

REGISTERED No. LA21700009 STATE OF INDIANA LANDSCAPE ARCHITECT

DRAWN BY:

PROJECT NUMBER: 223047.01 24JPCSE81

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	11-11-2025

ALTERNATE SITE LANDSCAPE PLAN

C608

1

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Design Criteria

1. Design Codes & Standards:
   a. 2014 Indiana Building Code (2012 International Building Code with Indiana Amendments)
   b. American Society of Civil Engineers (ASCE) Minimum Design Loads for Buildings and Other Structures (ASCE 7-10)
   c. American Concrete Institute (ACI) Building Code Requirements for Structural Concrete (ACI 318-11)
   d. American Concrete Institute (ACI) Building Code Requirements for Masonry Structures (ACI 530-11)
   e. American Institute of Steel Construction (AISC) Specifications for Structural Steel Buildings (AISC 360-10)
   f. American Iron and Steel Institute (AISI) North American Specification for the Design of Cold-Formed Steel Structural Members (AISI S100-07/S2-10)
2. Geotechnical Information:
   a. Reference the geotechnical report by Alt & Witzig Engineering, Inc. dated 10/30/2025 for all geotechnical information related to the project.
   b. Min. net allowable soil bearing capacity 1,500 psf
   c. Max. allowable total settlement 1 inch
   d. Max. allowable differential settlement 1/2 inch
3. Dead Loads:
   a. Floors Actual self-weight of structure
      - Typ. Collateral Floor Dead Load 12 psf
   b. Roof Actual self-weight of structure
      - Collateral Roof Dead Load 8 psf
      - Units A & C Solar Panel Allowance 15 psf
4. Live Loads:
   a. Floors (Ref. Loading Diagrams)
      - Classrooms 55 psf
      - Restroom 60 psf
      - Corridor 80 psf
      - Gym, Fitness 100 psf
      - Mechanical, Storage 125 psf
   b. Roof 20 psf
5. Snow Loads:
   a. Ground Snow Load (p_g) 30 psf
   b. Minimum Roof Snow Load (p_m) 22 psf
   c. Flat-Roof Snow Load (p_f)
      - Concessions 25.5 psf
      - All other units 23.1 psf
   d. Snow Exposure Factor (C_e) 1.0
   e. Snow Load Importance Factor (I_s) 1.1
   f. Thermal Factor (C_t)
      - Concessions 1.1
      - All other units 1.0
   g. Drift Loads (Reference loading diagrams)
6. Wind Loads:
   a. Ultimate Design Wind Speed (V_{ult}) 120 mph
   b. Nominal Design Wind Speed (V_{asd}) 93 mph
   c. Risk Category III
   d. Wind Exposure Category B
   e. Internal Pressure Coefficient (GC_{pi}) ±0.18
   f. Component & Cladding Wind Pressures (Reference loading diagrams)
7. Seismic Loads:
   a. Risk Category III
   b. Seismic Importance Factor (I_e) 1.25
   c. Mapped Spectral Response (S_s) 0.121 g
   d. Mapped Spectral Response (S_1) 0.063 g
   e. Site Class D
   f. Design Spectral Response (S_{ms}) 0.129 g
   g. Design Spectral Response (S_{m1}) 0.10 g
   h. Seismic Design Category B
   i. Seismic Force-Resisting System Intermediate reinforced masonry shear walls & steel systems not specifically detailed for seismic resistance
   j. Design Base Shear
      - Unit A 65.5 kips
      - Unit B 119.5 kips
      - Unit C 93.7 kips
      - Unit D 36.1 kips
      - Unit E 23.0 kips
      - Unit F 127.7 kips
      - Concessions 2.3 kips
   k. Seismic Response Coefficient (C_s)
      - Units A, B, & C 0.040
      - Unit D & E 0.054
      - Unit F & Concessions 0.046
   l. Response Modification Coefficient (R)
      - Units A, B, & C 4.0
      - Unit D & E 3.0
      - Unit F & Concessions 3.5
   m. Analysis Procedure Equivalent Lateral Force

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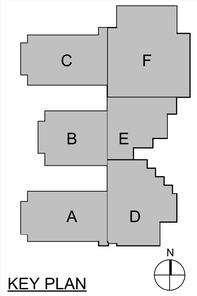

KEY PLAN

Construction Documents

TROY A. WALDEN REGISTERED No. PE10100188 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

TITLE SHEET

S-001

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1.0 - General

1. The structure has been designed for in-service loads only. The methods, means, procedures, and sequences of construction are the responsibility of the Contractor. The structure is designed to be self-supporting and stable after the building is complete. It is the Contractor's responsibility to determine erection procedures and sequence to ensure the safety of the building and its components during erection. This includes the addition of necessary shoring, sheeting, temporary bracing, guys, tiedowns and the like.
2. The Contractor shall furnish all labor and materials for successful completion of this project including any additional labor and material not shown on the Documents that is required for temporary stability prior to completion of the structure.
3. The Contractor shall make no deviation from the Design Documents without documented approval from the Architect and Structural Engineer of Record (SEOR).
4. The structural drawings shall be used in conjunction with the Civil, Architectural, Mechanical, Electrical and Plumbing drawings and specifications.
5. The General Notes on the drawings are to be used in conjunction with the full written material Specifications (if any) for the project. If a discrepancy occurs between the notes and the full Specifications, the more stringent requirement shall apply.
6. If a discrepancy is noted on the drawings, General Notes, or Specifications, the Contractor shall submit to the SEOR a written request for clarification and shall not proceed with the affected work without documented resolution of the discrepancy. All costs associated with the Contractor improperly proceeding with the affected work prior to receiving documented resolution of the discrepancy, including cost of removal and replacement of non-conforming work, shall be borne by the Contractor at no additional cost to the Owner.
7. Typical detail section cuts are not necessarily shown at each applicable location on the plans. Typical detail titles imply the intent of applicability.

1.1 - Contractor Responsibilities and Coordination

1. It shall be the responsibility of the Contractor to coordinate the Structural work with the Architectural, Mechanical, and Electrical drawings, as well as any other applicable trades. In case of conflict between Structural work and drawings related to other trades, the Contractor shall make allowances in their bid for the more severe requirements. Conflicts between the Structural work and the drawings of other trades shall not be reason for extra cost or delay in the execution of the work.
2. The Contractor shall coordinate with all affected trades the required size, types, and locations of all embedded items in, and all penetrations through, structural elements prior to construction.
3. The Contractor shall verify all dimensions and elevations, new and existing, by measurements and surveys at the job site, prior to submittal of shop drawings. The Contractor shall take all other measurements necessary to verify conformance with the drawings and to perform the work properly. Notify the Architect and SEOR of any discrepancies prior to proceeding with work in the area of question.
4. No penetrations through structural elements, other than those shown on the Structural drawings, shall be made without the documented approval of the SEOR.
5. No items (including, but not limited to, conduit and piping), other than those shown on the Structural drawings shall be embedded in structural elements without the documented approval of the SEOR.
6. Mechanical and electrical openings through supported slabs and walls, 8-inch diameter or larger not shown on the Structural drawings must be approved by the SEOR. Openings less than 8-inch diameter shall have at least 1-foot clear between openings unless documented approval is provided by the SEOR.
7. Do not suspend any items (including, but not limited to ductwork, mechanical or electrical fixtures, and ceiling systems) from steel roof deck.
8. Materials and equipment shall be stored and transported in a manner so as not to exceed the allowable floor loadings indicated in the drawings.

1.2 - Submittals

1. The Contractor shall submit for SEOR's review a schedule detailing the estimated quantity of shop drawings for each submittal and the date shop drawings will be received by the SEOR. The SEOR shall have the opportunity to review the proposed schedule and submit comments to the Contractor. The final shop drawing schedule shall be submitted to, and approved by, the SEOR.
2. The Contractor shall review each submittal prior to forwarding it to the SEOR. The Contractor shall stamp each submittal indicating the following is addressed:
    a. The shop drawings are requested.
    b. The shop drawings are based on the latest Design Documents.
    c. The SEOR's comments from any previous submittals are addressed.
    d. Revisions from previous submittals are clearly identified.
    e. The work has been coordinated among all construction trades.
    f. The submittal is complete.
3. The SEOR may return, without comment, submittals which the Contractor has not stamped, or which do not meet the requirements listed above. The SEOR's review of submittals shall be for general conformance with the design intent. No work shall be started without such review.
4. Omission of any materials required by the Contract Documents from shop drawings shall not relieve the Contractor of the responsibility for furnishing these materials regardless of whether the submittals have been reviewed.
5. The use of electronic files of reproductions of the Contract Documents by the Contractor signifies the Contractor's acceptance of all the information shown "as-is." The Contractor shall be responsible for verifying the accuracy and completeness of the information provided. Issued drawings and specifications take precedence over any electronic information provided. Addenda, change orders, and supplemental instructions are not necessarily included in the electronic files.
6. It is the responsibility of the Contractor to obtain, and distribute to all subcontractors, all Contract Documents, including latest addenda, prior to submittal of shop drawings.

1.3 - Concrete Mix Design Submittal

1. The Contractor shall submit, for the review of the SEOR, a mix design for each specified class of concrete. Each mix design shall be identified by a mix number or other unique form of identification. The Contractor shall not vary from the reviewed mix designs, nor use any concrete other than the reviewed mix designs, without the documented approval of the SEOR. Mix design submittals shall include the following information:
    a. Mix design number, or unique identification, and intended location of placement.
    b. Cement type, proportion, and name of manufacturer.
    c. Fly ash proportion (when used), laboratory analysis certification, and name and location of supplier.
    d. Coarse aggregate proportion, gradation report, and name and location of supplier.
    e. Fine aggregate proportion, gradation report, and name and location of supplier.
    f. Mixing water proportion and source.
    g. Admixture dosages, product name(s), and manufacturer name(s).
    h. Fiber reinforcement dosage (when used), product name and manufacturer name.
    i. Design 28-day compressive strength (f'_c).
    j. Design slump range.
    k. Design air-entrainment (for concrete requiring entrained air).
    l. Statistical analysis of laboratory strength test data in accordance with "standard deviation" determination outlined in ACI 318.

1.4 - Shop Drawing Submittals

1. The Contractor shall prepare detailed shop drawings to enable the fabrication, erection, and construction of all parts of the work in accordance with the Drawings and Specifications. These shop drawings will be reviewed by the SEOR for general compliance with the design intent only. The Contractor is responsible for all dimensions, accuracy, and fit of work.
2. Submit electronic versions of the shop drawings in pdf format.
3. Submit shop drawings for each of the following items:
    a. Concrete reinforcement
    b. Concrete masonry and structural brick reinforcement (including plans and elevations for each wall indicating all control joint locations and reinforcing requirements, including shear walls)
    c. Concrete wall control joint locations
    d. Structural steel (including design calculations sealed by a Professional Engineer registered in the state where the project is constructed for all connections not specifically detailed on the Drawings)
    e. Steel joists and joist girders (including all bridging and bracing)
    f. Steel deck
    g. Glass curtain wall system (including design calculations and connection details sealed by a Professional Engineer registered in the state where the project is constructed)
    h. Light gauge steel framing (including design calculations, member properties, fastener requirements, assembly details and connection details sealed by a Professional Engineer registered in the state where the project is constructed)

1.5 - Product Data Submittals

1. The Contractor shall submit for review product data for the specific items listed below. Contractor shall not use products other than those submitted without documented approval of the SEOR.
2. Submit electronic versions of the product data in pdf format.
3. Submit product data for each of the following items:
    a. Diamond plate Dowels for concrete slabs-on-grade
    b. Concrete curing compound
    c. Concrete joint sealant
    d. Water stops
    e. Masonry joint reinforcement
    f. Expansion anchors
    g. Adhesive anchors
    h. Non-shrink grout
    i. Cold-formed steel framing
    j. Cold-formed steel framing connector hardware

1.6 - Performance Specified Components

1. Contractor shall employ a licensed Professional Engineer (Component Engineer) in the state of which the project is located to design and detail the following structural components:
    a. Foundations/Earthwork
        - Temporary excavation support
    b. Masonry
        - Masonry attachments to structural frame
    c. Metals
        - Structural steel connections
        - Joists and joist girders
        - Cold-formed metal framing for exterior walls
        - Cold-formed metal framing attachments to structural frame
        - Stairs and handrail systems
        - Guardrails
        - Curtainwall system anchors
    d. Wood
        - Shop-fabricated wood trusses (roof and floor)
    e. Concrete
        - Structural precast/tilt-wall concrete components
2. Performance specified components are generally noted on plans as '(by others)'.
3. Drawing submittals for performance specified components shall be reviewed by the Component Engineer prior to the limited cursory review by the SEOR for loads imposed on the primary structure and for conformance to the specified design criteria.
4. A delegated design submittal shall be provided for all performance-specified components including analysis data signed and sealed by the Component Engineer responsible for their preparation.
5. The Component Engineer is responsible for code conformance for all individual parts and internal connections of the specified component except steel connections.
6. Calculations submitted shall clearly cross reference the shop drawings with specific detail references.
7. Where noted, typical details indicate general criteria for design and detailing of structural steel connections. Typical details are not intended to convey complete connector sizes, plate sizes, weld sizes, number of bolts, or any other specific information that is obtained through designing of an individual connection for a given set of loads.

1.7 - Construction Quality Assurance and Structural Observation

1. Reference project specifications for testing and inspection requirements. The Contractor shall coordinate as required with independent testing and inspection agencies.
2. Site observation by the SEOR for general conformance does not include or replace the Special Inspections specified for structural components. Such visits and observations are not intended to be exhaustive checks or detailed inspections of the Contractor's work, and do not relieve the Contractor of their responsibilities.

2.0 - Foundations

1. Foundation excavations and soil-related work shall be performed in accordance with the Geotechnical Report associated with the project, if applicable. See the Design Criteria for reference to any applicable Geotechnical Report.
2. The Contractor shall verify with the Geotechnical Engineer that the proposed construction procedures and sequences follow the recommendations within the Geotechnical Report.
3. Foundations have been designed based on the assumed allowable soil bearing pressure(s) indicated in the Design Criteria. The Contractor shall engage a qualified Testing Agency to review the soil conditions at the site to confirm the assumed allowable bearing pressures prior to placement of the foundations. Confirmation of the acceptability of the soils shall be reported in writing to the SEOR.
4. The Testing Agency shall verify that the allowable soil bearing pressure is acceptable at each column footing and at 8'-0" intervals along wall footings at the indicated bearing elevations.
5. The Testing Agency shall verify that all excavation and backfill operations meet the criteria of the General Notes, Specifications, and the Geotechnical Report.
6. If actual allowable soil bearing pressures are found to be less than the assumed allowable soil bearing pressures, the Contractor shall notify the SEOR immediately and shall not proceed with foundation construction without documented review by the SEOR.
7. Foundation conditions noted during construction which differ from those described in the Geotechnical Report shall be reported to the SEOR and the Geotechnical Engineer prior to proceeding with construction.
8. All areas of the site supporting structure shall be prepared by removing all topsoil, existing fill, organic material, or frozen, wet, soft, loose, or otherwise unsuitable materials.
9. Proof-roll the exposed subgrade with a medium-weight roller to determine if any pockets of soft, unsuitable material exist, as determined by the Testing Agency, beneath the exposed subgrade. Remove any unsuitable material encountered and replace with a properly compacted granular material.
10. Unless directed otherwise by the Geotechnical Report, compact all granular fill beneath the concrete slabs-on-grade and over footings to 95% modified maximum dry density, ASTM D1557. Compact engineered fill supporting footings to 97% modified maximum dry density, ASTM D1557. Compact all backfill not supporting slabs, pavement, or footings to 90% modified maximum dry density, ASTM D1557. Placement, compaction, and material used for fill shall be overseen by the Testing Agency.
11. Place all granular fill material in layers not exceeding 8 inches in loose thickness. Mechanically compact each layer to at least the required minimum dry density.
12. Footings not supported by engineered fill shall bear on firm, undisturbed material. If unsuitable material is encountered, reestablish the bearing elevation of the footing by localized undercutting and filling with suitable engineered fill or concrete as recommended by the Testing Agency.
13. Place footing concrete the same day excavations are opened. If this is not possible, adequately protect the exposed material in the bases of the footing excavations from any detrimental change in condition such as from disturbance, rain, or freezing. Surface runoff shall not be allowed to enter the excavations.
14. Center all column and wall footings under the column or wall above unless otherwise indicated.
15. Unless directed otherwise by the Geotechnical Report, place concrete slabs-on-grade on 6 inches of properly compacted, free-draining granular fill material approved by the Testing Agency.
16. Engineered fill shall be clean, well graded in its compacted state. The material shall be of acceptable quality, free from large or frozen lumps, wood, or other extraneous matter. It shall consist of suitable sand, gravel, crushed stone, or other approved material. The material shall contain no more than 10% passing the No. 200 sieve and shall be otherwise suitably graded. The use of an essentially one-size material will not be allowed unless approved.
17. Drainage Fill shall be used over drain tile and adjacent to basement walls and shall be composed of clean granular material consisting of sand and pit-run gravel containing a maximum of 2%, by weight, passing the No. 200 sieve and 100% passing the 3/4 inch sieve.

2.1 - Below-Grade Walls

1. Do not backfill against below-grade concrete (or masonry) walls until the concrete (or masonry assemblage) has reached its specified 28-day compressive strength.
2. Where backfill is required on both sides of below-grade walls, backfill evenly on each side of each wall (maximum differential of 2-foot) to prevent unbalanced soil loads against the walls.
3. Unless noted otherwise, do not backfill against basement walls until the basement and ground floor slabs have been completely installed and reached their specified 28-day compressive strength and all floor framing and slab connections to the basement walls have been completely installed.
4. Where basement walls occur, backfill evenly on all sides of the building to prevent unbalanced soil loads against the basement structure.

2.3 - Aggregate Piers

1. In accordance with the geotechnical report associated with the project, rammed aggregate piers are recommended to provide improved soil conditions for the installation of traditional shallow footing foundations, and to limit overall and differential settlements to acceptable levels.
2. The rammed aggregate pier foundation system shall be provided by the Contractor as a delegated design, unless noted otherwise. Refer to the Architectural and Structural plans, sections and specifications for additional information and minimum requirements.
3. The final number and arrangement of rammed aggregate piers shall be submitted to the SEOR for review prior to installation.
4. The rammed aggregate pier design shall be completed and submitted to the SEOR for review prior to the start of construction.
5. Trench excavations shall not encroach on the influence zones of the rammed aggregate piers after their installation. The influence zone is the area defined by the rammed aggregate pier design engineer.
6. Conduits, pipe sleeves, and similar trenching and excavation may be installed through rammed aggregate pier influence zones prior to their installation if approved by the rammed aggregate pier design engineer.
7. The rammed aggregate pier tailings from the drilling process shall be removed and properly disposed of off site by the Contractor.

3.0 - Concrete Reinforcing

1. Reinforcing bar detailing, fabricating, and placing shall be in accordance with the latest edition of the following standards: ACI 301, ACI 315, ACI 315R, ACI 318, and ACI Detailing Manual (SP66).
2. Reinforcing steel shall be deformed bars conforming to ASTM A615 and shall have a minimum yield strength of 60,000 psi.
3. Reinforcing steel which is explicitly shown to be welded in the Contract Documents shall conform to ASTM A706. Welding of reinforcing steel, when approved by the SEOR, shall conform to the latest edition of American Welding Society (AWS) Standard D1.4. Electrodes for shop and field welding of reinforcing steel shall conform to ASTM A233, Class E90XX.
4. Welded wire fabric shall be smooth wire fabric conforming to ASTM A185. Fabric shall be supplied in flat sheets and lapped a minimum of one space, plus 2 inches.
5. Welded wire fabric shall be placed as follows, unless noted otherwise.
    a. Slabs on grade: 2 inches down from top of slab
    b. Slabs on metal deck 3/4 inches down from top of slab
6. Unless a greater amount of coverage is specified on the drawings, provide the following minimum concrete cover over reinforcement as follows:
    a. Concrete cast against and permanently exposed to earth: 3 inches
    b. #6 bars and larger permanently exposed to earth or weather: 2 inches
    c. #5 bars and smaller permanently exposed to earth or weather: 1 1/2 inches
    d. Beam and column ties, stirrups, and spirals: 1 1/2 inches
    e. Elevated slab bars not exposed to earth or weather: 3/4 inches
7. Reinforcing steel shall not be tack welded, welded, heated, or cut unless indicated on the Contract Documents or approved by the SEOR.
8. Where lap splice lengths are not shown or noted, provide a Class 'B' lap.
9. All 90° and 180° bends shown in the Contract Documents shall be standard hooks, unless noted otherwise.
10. Provide corner bars of the same size and spacing as horizontal bars at corners of all walls, continuous footings, and grade beams. Lap splice corner bars with straight bars.
11. Reinforcing steel shall be supported and secured against displacement in accordance with the Concrete Reinforcing Institute's "Manual of Standard Practice."
12. Provide standees for the support of top reinforcement for footings and mats.
13. Provide individual high chairs with support bars, as required, for the support of top reinforcement for supported slabs. Do not provide standees.
14. Provide snap-on plastic spacer wheels to maintain required cover for vertical wall reinforcement.
15. Provide footing dowels for vertical wall and column reinforcement. Dowels shall be the same size and spacing as the vertical wall/column reinforcement, unless noted otherwise, with lap splices as indicated on the applicable sections. Install dowels in the footing forms before concrete is placed, supporting and tying them securely in position. Do NOT stick dowels into footings after concrete is placed.
16. Position dowels for vertical wall and column reinforcement in wall/column footings with 6 inches maximum bottom cover, unless noted otherwise.
17. Field bending of reinforcing steel is prohibited.
18. Spread reinforcing steel around small openings and sleeves in slabs and walls, where possible, and where bar spacing will not exceed 1.5 times the normal spacing. Discontinue bars at all large openings where necessary, and provide an area of reinforcement, equal to the interrupted reinforcement, in full length bars, distributing one-half to each side of the opening. Where temperature & shrinkage reinforcement is interrupted, add (2) - #5 x opening dimension + 4'-0" bars on each side of the opening. Provide #5 x 4'-0" long diagonal bars in both faces, at each corner of openings larger than 12 inches in any direction.
19. Contractor shall coordinate concrete placement schedules with SEOR and the Inspection Agency to allow adequate time and preparation for observation and inspection, respectively.

3.1 - Post-Installed Mechanical and Adhesive Anchors/Dowels

1. Mechanical Anchors:
    a. Mechanical anchors (identified as "Expansion Anchors" in the drawings) shall be Hilti "Kwik Bolt TZ2" or an equivalent substitute approved by the SEOR.
    b. Anchor finish shall be carbon steel for interior exposures and AISI 316 stainless steel for exterior and below grade exposures, unless noted otherwise.
    c. Anchors shall be installed in conformance with the manufacturer's written installation instructions by installers trained by the manufacturer's representative.
    d. Anchors shall not be installed in concrete or masonry until it has attained its specified 28-day compressive strength.
2. Adhesive Anchors/Dowels for Solid Substrates:
    a. Adhesive anchors/dowels (identified as "Adhesive Anchors" or "Adhered Dowels" in the drawings) for solid substrates shall be Hilti "HIT-HY 200" or an equivalent substitute approved by the SEOR.
    b. Anchors shall be ASTM A36 threaded rods for interior exposures and AISI 316 stainless steel for exterior and below grade exposures, unless noted otherwise.
    c. Dowels shall be of the same material as the adjacent concrete reinforcement, unless noted otherwise.
    d. Anchors/dowels shall be installed in conformance with the manufacturer's written installation instructions by installers trained by the manufacturer's representative.
    e. Anchors/dowels shall not be installed in concrete or masonry until it has attained its specified 28-day compressive strength.
3. Adhesive Anchors for Hollow Substrates:
    a. Adhesive anchors (identified as "Adhesive Anchors" in the drawings) for hollow substrates shall be Hilti "HIT-HY 270" with Hilti "HIT-SC" screen tube or an equivalent substitute approved by the SEOR.
    b. Anchors shall be ASTM A36 threaded rods for interior exposures and AISI 316 stainless steel for exterior and below grade exposures, unless noted otherwise.
    c. Anchors shall be installed in conformance with the manufacturer's written installation instructions by installers trained by the manufacturer's representative.
    d. Anchors shall not be installed in substrate until it has attained its specified 28-day compressive strength.
4. Holes must be cleaned of dust and debris per the method(s) recognized by the manufacturer's written installation instructions.
5. When column anchor bolts have been omitted, or damaged by construction operations, the Contractor must submit a proposed corrective procedure with supporting calculations prepared by a Professional Engineer licensed in the state in which the project is located for review and approval of the SEOR.

3.2 - Concrete

1. Reinforced concrete has been designed in accordance with the Building Code Requirements for Structural Concrete (ACI 318) and Commentary (ACI 318R).
2. Mixing, transporting, and placing of concrete shall conform to the latest edition of the Specifications for Structural Concrete (ACI 301). Ready-mixed concrete shall conform to the requirements of ASTM C94. In case of a discrepancy, the drawings and specifications shall govern.
3. Cement shall conform to ASTM C150, Type 1.
4. Fly ash shall conform to ASTM C618, Class C or F. The ratio of the amount (by weight) of fly ash to total cementitious materials in the mix shall not exceed 25%.
5. Normal weight aggregates shall conform to ASTM C33.
6. Water-reducing admixtures shall conform to ASTM C494.
7. Air-entraining admixtures shall conform to ASTM C260 and shall be certified by the manufacturer to be compatible with other admixtures planned for use.
8. Calcium Chloride admixtures or admixtures containing more than 0.1% Chloride ions shall not be used.
9. In cold weather conditions, mixing, placing, finishing, curing, and protection of concrete shall be performed in accordance with the latest edition of ACI 306R, "Cold Weather Concreting."
10. In hot weather conditions, mixing, placing, finishing, curing, and protection of concrete shall be performed in accordance with the latest edition of ACI 305R, "Hot Weather Concreting."
11. The use of construction joints at locations other than those indicated on the drawings shall be submitted to the SEOR for review.
12. Finish of formed surfaces – Finish formed surfaces as indicated below, and as described in the project specifications:
    a. Sides of footings: None
    b. Walls not exposed to public view: Rough form finish
    c. Walls exposed to public view: Smooth form finish
    d. Sides of grade beams: Rough form finish
    e. Bottoms and sides of beams: Rough form finish
    f. Bottom of elevated slabs: Rough form finish
    g. Other surfaces not exposed to public view: Rough form finish
13. Provide 3/4 inch chamfers on exposed corners of concrete, except those abutting masonry, unless noted otherwise.
14. Slump for pumped concrete shall be measured at the point of discharge.
15. The Contractor shall employ a certified Testing Agency to perform industry standard concrete testing including measurement of slump, air temperature, and concrete compressive strength testing to ensure conformance with the Contract Documents. Contractor shall submit testing reports to the SEOR as soon as they are available.
16. Reference the Project Specifications for specific concrete testing requirements. Contractor shall coordinate as required with Testing Agency to ensure adequate access is provided to perform all required sampling and testing.
17. Sidewalks, stoops, aprons, drives, exterior retaining walls, and other site concrete are not included in the Structural drawings. Reference the Civil and Architectural drawings for locations, elevations, jointing and finishing details for all site concrete.

3.3 - Concrete – Slabs-on-Grade

1. Concrete slabs-on-grade shall be constructed in accordance with the latest edition of the "Guide for Concrete Floor and Slab Construction" (ACI 302.1R).
2. Place concrete in a manner to prevent segregation of the mix. Delay floating and trowelling operations until the concrete has lost surface water sheen or all free water. Do not sprinkle free cement on the slab surface.
3. Provide curing of concrete slabs immediately after finishing using moisture curing or a sprayed-on dissipating resin liquid curing compound conforming to ASTM C309, unless noted otherwise. All scuffs or abrasions to the curing membrane shall be recoated daily. Use curing methods and products that are compatible with the application of finish flooring materials.
4. Slabs-on-grade shall receive a smooth trowel finish and be placed to achieve the following minimum flatness tolerances, tested in accordance with ASTM E1155:
    a. Overall: FF = 35 FL = 25
    b. Local values: FF = 25 FL = 15
5. The minimum local area shall be any bay defined by column lines. Results, indicating acceptance or rejection of the work shall be provided to the SEOR within 48 hours after data collection.
6. Unless otherwise indicated on the drawings, provide control or construction joints in slabs-on-grade at a maximum spacing of 36 times the slab thickness. Provide joints at all column locations. Locate joints to eliminate re-entrant corners and to create square or rectangular sections with a maximum long side to short side ratio of 1.5 to 1.
7. Control joints in slabs-on-grade shall not receive joint filler material unless otherwise noted.
8. Finishing of slabs-on-grade – After screeding, bull floating, and floating operations have been completed, apply final finish as indicated below and as described in the project specifications:
    a. Floor slabs: Trowel finish
    b. Roof slabs: Float finish
    c. Ramps and stairs: Broom finish
    d. Surfaces to receive topping slab: Float finish
    e. Surfaces to receive waterproofing: Float finish
9. Contractor shall submit for review and approval of the SEOR a control/construction joint layout plan and placement schedule prior to starting concrete slab-on-grade work.
10. Where vinyl composition tile, vinyl sheet goods, thin-set epoxy terrazzo, or other similar material is the specified finish floor material, the Contractor shall coordinate the locations of control and construction joints with the Finish Floor Contractor.
11. Refer to Architectural plans for exact locations and dimensions of recessed slabs, ramps, stairs, and thickened slabs. Slope slabs to drains where shown on the Architectural and Plumbing plans.

3.4 - Concrete – Slabs on Metal Deck

1. Maintain at least the required slab thickness at all locations, increasing the thickness as required to compensate for deck and beam deflections.
2. Contractor shall allow for the deflection of the floor assembly due to the wet weight of the concrete when calculating concrete quantities and shall include the cost of all required slab-on-deck concrete in the bid price.
3. Prior to placement of concrete slabs on metal deck, the Contractor shall carefully review the elevations of the structural steel framing, including cambered members, for conformance with the Construction Documents. The Contractor shall notify the SEOR of any discrepancies (such as improper camber and improper steel elevations) immediately and shall not begin concrete placement without documented review of the SEOR.
4. Actual concrete slab thickness shall not be less than the indicated nominal thickness at any location. If any condition is discovered that would prevent placement of concrete to the nominal thickness, Contractor shall notify the SEOR immediately and shall not proceed with concrete placement without documented review by the SEOR.
5. Slabs on metal deck shall receive a smooth trowel finish, unless noted otherwise.
6. Place concrete in a manner to prevent segregation of the mix. Delay floating and trowelling operations until the concrete has lost surface water sheen or all free water. Do not sprinkle free cement on the slab surface.
7. Provide curing of concrete slabs immediately after finishing using a sprayed-on dissipating resin liquid curing compound conforming to ASTM C309, unless noted otherwise. All scuffs or abrasions to the curing membrane shall be recoated daily. Other curing methods may be used with approval by the SEOR. In all cases, use curing methods and products that are compatible with the application of finish flooring materials.
8. Unless specifically noted on the plans, composite and non-composite supported slabs on metal deck do not require saw cut control joints.

3.5 - Structural Precast/Tilt-Wall Concrete

1. Precast concrete design, fabrication, and erection shall be in accordance with the latest editions of ACI 318, "Building Code Requirements for Structural Concrete", Precast/Prestressed Concrete Institute (PCI) Manual 116, "Manual for Quality Control for Plants and Production of Structural Precast Concrete Products", and PCI Manual 120, "PCI Design Handbook."
2. Tilt-wall concrete design, fabrication, and erection shall be in accordance with the latest editions of ACI 318, "Building Code Requirements for Structural Concrete", ACI 551, "Guide to Tilt-Up Concrete Construction", Tilt-Up Concrete Association (TCA) "Wind Bracing Guidelines", and TCA "Erection Safety Procedures Brochure".
3. Design of structural precast/tilt-wall components and their connections shall be the sole responsibility of the Contractor. Submit shop drawings, design load data, and support reactions of precast/tilt-wall components and their connections sealed by a Professional Engineer licensed in the state where the project is located.
4. Precast/tilt-wall Design Loads:
    a. Precast/tilt-wall members:
        - Superimposed loads as noted in the drawings, in addition to self-weight of the precast/tilt-wall member, toppings, and other components specific to the precast/tilt-wall system.
    b. Precast/tilt-wall shear walls and associated connections:
        - Self-weight and loads as noted in the drawings.
    c. Effects to be considered by the Precast/Tilt-Wall Design Engineer in the design of the precast/tilt-wall components and connections include, but are not limited to, the following:
        - Gravity
        - Wind
        - Seismic
        - Differential temperature between panel faces
        - Eccentricity of applied loads
        - Lateral earth pressure
        - Loads from materials supported by panels
        - Volumetric changes due to temperature, creep, and shrinkage
        - Handrails
        - Impact on panels designed as guardrails
    d. Load combinations shall be in accordance with the governing Building Code (reference the Design Criteria).
5. Reference the drawings for unique loading conditions and special loads such as, but not limited to, supported masonry walls and mechanical equipment.
6. Contractor shall coordinate openings, reveals, drip edges, block outs, and embedded items required in precast/tilt-wall components for other building components with Architectural, Mechanical, Electrical, and Plumbing drawings.
7. Precast/tilt-wall Supplier shall provide all loose connection hardware and anchorage components to be embedded in, or attached to, other components of the structure. The Contractor shall coordinate the provision of these materials so as not to delay the work of other trades. Precast/tilt-wall Supplier shall provide setting diagrams, templates, instructions, and/or directions, as required for the installation of such items.
8. Details shown in the Structural drawings related to precast/tilt-wall components are schematic in nature. The Precast/Tilt-Wall Supplier may submit alternate details tailored to their unique fabrication and installation standards. Precast/tilt-wall supplier shall submit alternate details to the SEOR for review and approval and shall notify all impacted fabricators and subcontractors of alternate details prior to fabrication of affected materials. Costs and schedule impacts resulting from Precast/tilt-wall Supplier's failure to provide notification of intended modifications prior to the fabrication/construction of affected materials shall be the sole responsibility of the of the Precast/tilt-wall Supplier, including all engineering, material, and installation costs, and shall be provided at no additional cost to the project.
9. Contractor shall take special precautions during tightening of lifting bolts and lifting, transporting, and placing of precast/tilt-wall concrete components to prevent any spalling and/or cracking. Any visual damage shall be cause for rejection of the work and subsequent replacement at no additional cost to the Owner.
10. Provide additional reinforcing steel as required to withstand lifting, transporting, and setting stresses.
11. Provide all required temporary bracing to withstand the construction loads, including wind loads, until the permanent anchorage of the precast/tilt-wall components are completely installed.

4.0 – Structural Concrete Unit Masonry

1. Concrete masonry has been designed in accordance with the latest edition of the Building Code Requirements and Specification for Masonry Structures (TMS 402/602).
2. Masonry walls which are exterior (subject to wind pressure), load bearing, and/or part of the lateral force resisting system are defined as structural masonry and indicated on the Structural drawings. Reinforcing requirements for these walls are provided on the Structural drawings.
3. Refer to Architectural drawings and specifications, in addition to Structural, for total extent of masonry construction, dimensional layout of walls, locations and details of openings, special coursing, additional miscellaneous steel embedments, lintels, ties for veneers and horizontal joint reinforcement.
4. Concrete masonry construction shall be tested with Level 2 quality assurance as set forth by TMS 402, unless noted otherwise.
5. Concrete masonry shall consist of hollow units conforming to the requirements of ASTM C90, with a minimum net area compressive strength of 1,900 psi. Concrete masonry assemblages shall have a minimum compressive strength (f'm) of 2,500 psi at 28 days.
6. Mortar shall be Type S proportioned in accordance with ASTM C270.
7. Grout for reinforced masonry shall be proportioned in accordance with ASTM C476. Coarse and fine aggregates shall conform to ASTM C404.
8. Reinforcing steel shall be deformed bars conforming to ASTM A615 and shall have a minimum yield strength of 60,000 psi.
9. All reinforcing bar lap splices shall be in accordance with TMS 402. Mechanical splices may be used instead of lap splices in accordance with TMS 402. All splices shall be wired together.
10. Provide mill galvanized ladder type horizontal joint reinforcement with 9-gauge side rods, unless noted otherwise, in all masonry construction. Reinforcement shall be continuous and shall be lapped a minimum of 75 diameters of the side rods at splices. Cut reinforcement at all control joints and expansion joints. Space reinforcement at 8 inches on center for parapets and below ground floor elevation. Elsewhere, space reinforcement at 16 inches on center, unless noted otherwise.
11. Provide reinforcing steel in vertical cores as indicated on the Structural drawings. Provide additional reinforcing around openings, doors, and windows, as indicated on the masonry series drawings. Cores containing reinforcing steel shall be grouted solid.
12. All horizontal reinforcing steel shall be placed in continuously grouted bond beams. Minimum clearance shall be 3/4 inches from masonry. The minimum clear space between bars shall be one bar diameter or 1 inch (whichever is greater).
13. Contractor shall provide reinforcement positioning accessories to support the reinforcing as required.
14. Beams and lintels shall bear a minimum of 8 inches onto supporting masonry, unless noted otherwise. Bearing for all beams, lintels, and joists shall be grouted solid a minimum of one course (8 inches) below bearing elevation, unless noted otherwise.
15. Provide masonry control joints at 25'-0" on center, maximum, unless noted otherwise. Locate joints in accordance with NCMA TEK 10-2C, 'Control Joints for Concrete Masonry Walls - Empirical Method' at offsets, setbacks, wall intersections, corners, changes in thickness, changes in height, or edge of openings.
16. Contractor shall provide for and coordinate with other trades for embedded items and openings greater than 1'-0" in accordance with the Lintel Schedule.
17. Top of concrete masonry walls shall be braced to the structure above. Reference masonry series of drawings for typical attachment details.

5.0 - Structural Steel

1. Structural steel detailing, fabrication, and erection shall conform to ANSI/AISC 360, "Specification for Structural Steel Buildings," and ANSI/AISC 303, "Code of Standard Practice for Steel Buildings and Bridges," latest edition with amendments.
2. Structural steel wide flange shapes shall conform to ASTM A992, F_y = 50 ksi.
3. Structural steel plates and rolled shapes other than wide flange shapes shall conform to ASTM A36, unless noted otherwise.
4. Structural steel HSS shapes shall conform to ASTM A500, Grade C.
5. Structural steel pipe shall conform to ASTM A53, Grade B.
6. Structural steel rod hangers and bracing shall conform to ASTM A36, unless noted otherwise.
7. Anchor rods shall conform to ASTM F1554, Grade 36, unless noted otherwise.
8. Welding procedures shall conform to the latest edition of the American Welding Society's "Structural Welding Code for Steel," ANSI/AWS D1.1.
9. All welding, both shop and field, shall be performed by welders certified for the weld types and positions involved according to ANSI/AWS D1.1.
10. Perform all AESS welds with care to provide a clean, uniform appearance.
11. Welded connections using ASTM A992 material as a base metal shall be made with E70XX low hydrogen electrodes. Unless noted otherwise, shown, or noted on the drawings, other welded connections may be made with standard E70XX electrodes.
12. Structural steel that receives finish paint shall be shop-primed with a rust-inhibiting primer, unless noted otherwise. The Contractor shall verify shop primer is compatible with finish coat system specified by the Architect. Coordinate finish painting requirements with the Architect.
13. Structural steel that is not exposed in the finished construction and does not receive finish paint shall not be shop-primed, unless noted otherwise.
14. All structural steel exposed to weather shall be hot-dipped galvanized unless otherwise noted.
15. Structural steel noted to be galvanized shall be hot-dipped galvanized in accordance with ASTM A123.
16. Do not paint or galvanize the following surfaces:
    a. Surfaces to be welded.
    b. Faying surfaces of bolted, slip-critical connections.
    c. Surfaces to receive shear stud connectors.
    d. Surfaces to receive sprayed-on fire proofing.
17. All abrasions to galvanized surfaces or surfaces to receive an Architectural finish coat shall be touched-up after erection is complete. For painted steel, use a primer equivalent to the shop primer. For galvanized steel, use a Zinc-rich cold-galvanizing paint.
18. Provide L4x4x1/4 framed openings for all roof penetrations 12 inches or larger along any side, unless larger framing is indicated. Refer to Mechanical and Plumbing drawings for penetrations. Coordinate framed opening sizes and locations with Mechanical and Plumbing Contractors.
19. Sequence the welding of connection plates and stiffener plates to minimize weld shrinkage stresses.
20. Backup bars required for welded connections shall be continuous.
21. For beams framing over the top of a column, provide 3/8 inch stiffener plates each side of the beam web, unless noted otherwise.
22. Camber beams, as required, to provide the cambers indicated on the framing plans, compensating for any release of stress induced during the cambering process.
23. Simple span beams without specified cambers shall be fabricated such that, after erection, any minor camber due to rolling or shop assembly shall be upward.
24. Holes in steel shall be drilled or punched. All slotted holes shall be provided with smooth edges. Burning of holes in structural steel shall not be allowed without documented approval from the SEOR.
25. Steel columns below grade shall be encased in a minimum of 4 inches of concrete or painted with two (2) coats of asphaltum paint, unless noted otherwise.
26. Provide cap plates to close off exposed, open ends of all tubular members, unless noted otherwise. Seal weld with partial penetration square groove welds for watertight condition.
27. The project is considered as a non-self-supporting structure until completion of erection of all the structural steel and deck which is required for framing stability. The lateral system consists of all bracing, beam-to-column moment connections (except at simple beam cantilever conditions), steel roof decking, elevated concrete slabs, and concrete slabs-on-grade. Any temporary erection and stability elements required by the Steel Erector shall remain in place until all components of the permanent lateral system are installed and until concrete which is part of the lateral system has reached 75% of its specified 28-day compressive strength.

5.1 - Structural Steel Connections

1. Bolted connections shall conform to the RCSC "Specification for Structural Joints Using High-Strength Bolts." Bolted connections for structural steel members shall be made with 3/4 inch diameter ASTM F3125, Grade A325, Type 1 bolts, unless noted otherwise. Bolted connections shall be tightened to the snug tight condition, except bolted connections in brace elements are to be fully pretensioned with Class A faying surfaces.
2. Shop connections, unless noted otherwise, may be either bolted or welded. Field connections shall be bolted unless noted otherwise on the drawings.
3. Bolted connections shall be bearing-type connections using either 3/4 inch diameter ASTM F3125, Grade A325, Type 1 bolts with standard 13/16 inch diameter holes, or 1 inch diameter ASTM ASTGM F3125, Grade A490, Type 1 bolts with standard 1 1/16 inch diameter holes, unless noted otherwise, or detailed otherwise on the drawings, or approved by the SEOR.
4. Bolted connections in moment frames, bracing connections, hangers and stub columns, crane connections and connections designated SC (slip critical) on the drawings shall be slip critical connections utilizing load-indicating washers or tension-control bolts.
5. Preparation of faying surfaces and tensioning of slip critical bolts shall be in accordance with the RCSC "Specification for Structural Joints Using High-Strength Bolts."
6. Connections which are not fully detailed on the Structural drawings shall be designed by the Steel Fabricator in accordance with the AISC "Manual of Steel Construction."
    a. Beam end connections shall be designed for the vertical shear reactions indicated on the framing plans. Reactions provided are based on Ultimate Factored Loads (LRFD).
    b. Provide connections capable of supporting a minimum LRFD end reaction of 20 kips for beam ends in which no reactions have been indicated on the framing plans.
7. Provide horizontal short-slotted holes in shear connection plates of rigid frame moment connections when the beam flanges are directly welded to the support member to minimize weld shrinkage stresses.
8. Locate centerlines of all vertical bracing members on column centerlines in vertical plane and on column and beam centerlines in horizontal plane, unless noted otherwise.
9. All beam-to-column connections shall be at the column centerline, unless noted otherwise.
10. Shear tab connections to tube columns are permitted, unless noted or detailed otherwise.
11. The minimum thickness of all connection material shall be 5/16 inches, unless noted otherwise.
12. Continuous bent plate and angle slab closures, roof edges, and diaphragm chords around the perimeter of the floor and roof, as well as around openings shall be welded with a minimum 1/4 inch fillet weld x 3 inches long at 12 inch spacing, top and bottom, unless noted otherwise. Butt weld joints in continuous diaphragm chords for continuity. For continuous perimeter angles and bent plates perpendicular to, and connected to, the top chords of joists, provide a minimum 3 inches of 1/4 inch fillet weld at each joist.

5.2 - Composite Steel Beams

1. Composite beam shear connectors shall be Nelson Stud Type S3L, as manufactured by the Nelson Stud Welding Company, or an equivalent substitute approved by the SEOR.
2. Studs shall be manufactured of cold-drawn steel conforming to ASTM A108. Studs shall be 3/4 inch diameter x 3 1/2 inches long, unless noted otherwise.
3. Composite beams have been designed to allow installation of the slab concrete in an unshored condition, unless noted otherwise.
4. Ends of steel floor deck units on composite beams shall not be lapped. Butt joints shall be used to permit welding of the shear connectors through the deck.

5.3 - Steel Deck

1. All steel deck material, fabrication, and installation shall conform to the Steel Deck Institute "SDI Manual of Construction with Steel Deck" and "SDI Code of Standard Practice", current edition, unless noted otherwise.
2. Deck manufacturer shall provide all floor and roof deck accessories, including edge forms, closures, fillers, pour stops, supplementary framing, and sump pans for a complete installation, whether or not such items are detailed on the drawings.
3. Fasten floor and roof deck to steel supports as indicated on the drawings.
4. All welding of steel deck shall be performed in accordance with American Welding Society "Structural Welding Code - Sheet Steel" (ANSI/AWS D1.3), current edition.
5. Mechanical fasteners may be used as a substitute for welding, provided that the fasteners used meet, or exceed, the strength of the specified welds. Mechanical fastener design data shall be submitted to the SEOR for review and approval prior to use.
6. Provide steel floor and roof deck with finish as indicated on the drawings and in the specifications.
7. Floor and roof deck shall be installed in a minimum three-span condition.
8. Steel floor deck is intended to be installed in an unshored condition, unless noted otherwise. Supplier shall review all span conditions and confirm that the supplied product is sufficient to safely support the wet weight of the concrete and associated construction live loads without the need for shoring.
9. Provide members for deck support at all deck span changes. Provide L3x3x1/4 deck support at all columns where required.
10. Substitution of fiber secondary reinforcement for welded wire fabric in supported slabs is prohibited without documented approval from the SEOR.
11. Where gauge metal pourstops are indicated, supply pourstops designed to meet, or exceed, the gauges listed in the SDI Pourstop Selection Table (min. 18 ga.) as required for slab depth, concrete weight, and cantilever distance, unless noted otherwise.
12. Do not suspend any items (including, but not limited to ductwork, mechanical or electrical fixtures, and ceiling systems) from steel roof deck.
13. Roof deck sidelaps shall be attached at ends of cantilevers and at a maximum spacing of 12 inches on center from cantilevered ends. The roof deck must be completely fastened to the supports and at sidelaps before any load is applied to the cantilever.
14. Installation holes shall be sealed with a closure plate two (2) gauges thicker than the deck and mechanically fastened to the deck. Steel deck holes visible from below will be rejected. Deck units that are bent, warped, or damaged in any way which would impair the strength and appearance of the deck shall be removed from the site.
15. Submit shop drawings for general conformance to the design concept in accordance with the specifications. Erection drawings shall show type of deck, shop finish, accessories, method of attachment, edge details, deck openings and reinforcement, and sequence of installation.

5.4 - Steel Joists and Joist Girders

1. Steel joists and joist girders shall be designed, fabricated, erected, and braced in accordance with the latest edition of Steel Joist Institute's (SJI) Standard Specification (SJI 100) and Code of Standard Practice (SJI COSP).
2. Steel joists and joist girders shall be designed using Load and Resistance Factor Design (LRFD).
3. Where bearing depth, length, and end anchorage for steel joists are not shown or noted, provide anchorage as required by the SJI Specifications.
4. Joist bridging (if shown) is for schematic reference only. Horizontal bridging and diagonal bridging for steel joists shall be located and designed as required by the SJI Specifications. Bridging members shall be connected to the joist chords by welding or other mechanical means. The ends of bridging lines terminating at concrete walls, concrete block walls, or steel beams shall be securely anchored thereto at top and bottom chords.
5. Joist bridging and connections shall be completely installed prior to placing any construction loads on the joists. Construction loading shall not exceed the joist design load.
6. All roof joists shall be capable of resisting the net uplift as noted on the Structural drawings (min. 20 psf, net). Provide an additional row of continuous horizontal bottom chord bridging at the first panel point location at each end of all roof joists.
7. Special joists (SP) shall be designed for the load designations specified on the Structural drawings. Designs shall properly account for the distribution of concentrated loads, live loads, and for the effect of openings. Designs are to meet the requirements of SJI.
8. The Joist Manufacturer shall submit calculations for all special joists to the SEOR for record purposes, prior to fabrication. These calculations shall be signed and sealed by a Professional Engineer registered in the state where the project is located.
9. Joists shall meet the following deflection criteria per SJI, unless more stringent deflection criteria are specified in the drawings or specifications. Maximum live load deflection shall not exceed:
    a. Floors: L/360
    b. Roofs with suspended ceilings: L/360
    c. All other roofs: L/240
10. All steel joists shall be furnished with standard SJI camber, unless otherwise noted.
11. Hangers and other supports shall be located at the intersection of the chord and web members (panel points). Concentrated loads in excess of 200 pounds other than those shown on the drawings shall not be applied without prior approval of the SEOR.
12. Joists on column centerlines shall have extended bottom chord connections for erection stability, unless otherwise noted.
13. Joists on column centerlines shall have field bolted connections for erection stability, unless otherwise noted.
14. Where columns are not framed in at least two directions with steel beams, the joist at or nearest each column line shall be bolted to supporting members during erection.
15. The Joist Manufacturer shall coordinate with the Structural Steel Fabricator for the design of all connections to supporting columns, beams, and bearing seats prior to submittal of shop drawings.
16. Steel joists shall be supplied with a shop coat of rust-inhibitive primer paint in accordance with SJI requirements, unless otherwise noted. Coordinate primer paint with the Architect for joists to remain exposed or to receive finish paint.
17. Provide sloped bearing ends where joist slope exceeds 1/4 inch per foot.
18. Joist manufacturer shall trim joist seats in the shop as required to fit between column flanges.
19. Do not field cut or alter joists without the documented approval of the Joist Manufacturer.

5.5 - Light-Gauge Cold-Formed Steel Framing

1. Light-gauge cold-formed steel framing shall be designed, fabricated, and installed in accordance with the latest edition of the American Iron and Steel Institute's (AISI) North American Specification for the Design of Cold-Formed Steel Structural Members (AISI S100).
2. Light-gauge cold-formed steel framing shall be galvanized sheet steel conforming to ASTM A653 with a minimum yield strength of 33 ksi for 43 mils (18 ga.) and thinner and a minimum yield strength of 50 ksi for 54 mils (16 ga.) and thicker. Galvanized coating shall be a minimum of G90.
3. All welding of light-gauge cold-formed steel framing members shall be in accordance with American Welding Society "Structural Welding Code - Sheet Steel" (ANSI/AWS D1.3), current edition.
4. The supplier of the light-gauge cold-formed steel framing shall be responsible for the design of all light-gauge cold-formed steel members, components, assemblies, and connections.
5. Reference Architectural drawings for required member depths and general framing conditions.
6. Out-of-plane deflection of light-gauge cold-formed steel framing used as backup for masonry veneer shall not exceed L/600.
7. Light-gauge cold-formed steel framing systems shall be installed in accordance with the Manufacturer's printed instructions and as reviewed by the SEOR.
8. Light-gauge cold-formed steel framing shall be installed to accommodate construction tolerances, deflection of building structural members, and clearances of intended openings. Provide deflection allowance in stud track, directly below building framing for non-load bearing framing.
9. Install wall stud bridging per the Manufacturer's requirements.
10. Light-gauge cold-formed steel studs shall not have punch-outs closer than 10 inches from the end of the stud or at intermediate lateral bearing points of studs.

5.7 - Miscellaneous Metal Fabrications (Stairs, Gratings, Rails)

1. Bar grating shall be designed per specification 05 13 00-Miscellaneous Metal Fabrications and per loads shown in the general notes.
2. Grating shall be hot-dipped galvanized.
3. Grating shall comply with NAAMM standards and tolerances.
4. Openings and edges of grating shall be banded.
5. Provide minimum bearing lengths in accordance with the manufacturer's recommendations.
6. Grating panels shall be installed with cross bars on top side.
7. Cutouts for circular obstructions shall be at least 2" larger in diameter than the obstructions.

6.0 - Rough Carpentry - Wood Framing

1. Structural wood framing shall be detailed, fabricated, and erected in accordance with the latest editions of the National Design Specification for Wood Construction (NDS) and the Special Design Provisions for Wind and Seismic (SDPWS) by the American Wood Council (AWC).
2. Structural wood framing (beams, joists, posts, studs, etc.) shall be No. 2 Spruce/Pine/Fir (SPF), kiln dried with a maximum moisture content of 19%, or approved equal, unless noted otherwise.
3. Unless noted otherwise, the installed condition of non-treated wood framing shall be dry (not exposed to moisture) and in a location with an ambient temperature below 100° F.
4. Where noted herein, "treated" or "pressure treated" wood lumber shall be chemically treated in compliance with AWPA standard U1 rated for Use Category UC3 or UC4 as required. All treated wood framing in contact with soils ("ground") shall be Use Category UC4.
5. Painting/staining of exposed exterior treated wood products shall follow the recommendations of USDA Forest Products Laboratory.
6. Unless noted otherwise, wood framing (treated or untreated) shall not be incised.
7. Joists shall be supported laterally at the ends and at each support by solid blocking except where the ends of the joists are nailed to a header, band joist, rim joist, or to an adjoining stud, or supported by other means.
8. Solid blocking shall not be less than nominal 2-inch thickness and the full depth of the joist.
9. Notches on the ends of joists shall not exceed one-fourth the joist depth.
10. Holes bored in joists shall not be within 2 inches of the top or bottom of the joist, and the diameter of any such hole shall not exceed one-third the depth of the joist.
11. Notches in the top or bottom of joists (not at the end) shall not exceed one-sixth the depth and shall not be located in the middle third of the span.
12. Built-up posts/columns with 2-5 laminations, joined using bolts or nails, shall be fastened in compliance with NDS Section 15.3. Use of 6 or more laminations in a single built-up element is not permitted, unless noted otherwise.

6.1 - Dowel Type Fasteners

1. General:
    a. All fasteners installed into pressure treated lumber shall be rated for exposure to the chemical used to treat the wood. The Contractor shall submit, upon request, fastener product data depicting compliance with the above requirement.
    b. Dowel type fasteners, unless otherwise noted, shall have the following minimum bending yield strength:
        - Bolts (All) 45,000 psi
        - Lag Screws (1/4") 70,000 psi
        - Lag Screws (5/16") 60,000 psi
        - Lag Screws (≥3/8") 45,000 psi
        - Wood Screws & Nails (0.099"≤D≤0.142") 100,000 psi
        - Wood Screws & Nails (0.142"<D≤0.177") 90,000 psi
        - Wood Screws & Nails (0.177"<D≤0.236") 80,000 psi
        - Wood Screws & Nails (0.236"<D≤0.273") 70,000 psi
2. Bolts:
    a. Bolts shall be in compliance with the requirements of ANS/ASME Standard B18.2.1.
    b. Bolts shall be installed in pre-drilled holes a minimum of 1/32" to a maximum of 1/16" larger than the bolt diameter. Bolts shall not be forcibly driven.
    c. Standard cut washers shall be used between the wood and bolt head and the wood and nut.
3. Lag Screws:
    a. Lag screws shall be in compliance with the requirements of ANSI/ASME Standard B18.2.1.
    b. Lead holes for lag screws loaded laterally or in withdrawal shall be bored as follows to avoid splitting of the wood member during connection fabrication:
        - The clearance hole for the shank shall have the same diameter as the shank, and the same penetration as the length of the unthreaded shank.
        - The lead hole for the threaded portion shall have a diameter equal to 65% - 85% of the shank diameter in wood with a Specific Gravity (G) > 0.6, 60% to 75% in wood with 0.5 < G ≤ 0.6, and 40% - 70% in wood with G ≤ 0.5 and a length equal to at least the length of the threaded portion. The larger percentile in each range shall apply to lag screws of greater diameters.
    c. Lead holes for lag screws shall not be required for 3/8-inch and smaller diameter lag screws loaded primarily in withdrawal in wood with G ≤ 0.5 provided the end and edge distances and spacing are sufficient to prevent unusual splitting.
    d. The threaded portion of the lag screw shall be inserted into its lead hole by turning of a wrench, not by driving with a hammer.
    e. Standard cut washers shall be used between the wood and lag screw head.
    f. Use of soap or other lubricant to facilitate ease of inserting the lag screw into lead hole is permitted.
    g. Any noted lag screw penetration requirement shall be exclusive of the tapered tip. Actual penetration shall be stated penetration plus the tapered tip length.
4. Wood Screws:
    a. Wood screws shall be in compliance with the requirements of ANSI/ASME Standard B18.6.1.
    b. Lead holes for wood screws loaded in withdrawal shall have a diameter equal to 90% of the wood screw root diameter in wood with G > 0.6 and 70% of the wood screw root diameter in wood with 0.5 < G < 0.6. Wood with G < 0.5 is not required to have a lead hole.
    c. Lead holes for wood screws loaded laterally shall be as follows:
        - For wood with G > 0.6 the part of the lead hole receiving the shank shall have the same diameter as the shank and that receiving the threaded portion shall have the same diameter as the screw at the root of the thread.
        - For G ≤ 0.6, the part of the lead hole receiving the shank shall be 7/8 the diameter of the shank and that receiving the threaded portion shall be 7/8 the diameter of the screw at the root of the thread.
    d. The threaded portion of the wood screw shall be inserted into its lead hole by turning of a screw driving tool, not by driving with a hammer.
    e. Use of soap or other lubricant to facilitate ease of inserting the screw into lead hole is permitted.
    f. Any noted wood screw penetration requirement is inclusive of the tapered tip. Actual penetration shall be stated penetration plus the tapered tip length.
    g. Wood screws shall not be loaded in withdrawal from the end grain of wood or laminations in cross-laminated timber.
5. Nails and Spikes:
    a. Nails and spikes shall be in compliance with the requirements of ASTM F1667.
    b. Minimum lengths and diameters for nails and spikes specified in the plans shall be in accordance with the applicable Standard Fastener Schedule.
    c. Toe-nails shall be driven at an angle of approximately 30° with the member and started approximately 1/3 the length of the nail from the member end.
    d. Any noted nail/spike penetration requirement is inclusive of the tapered tip. Actual penetration shall be stated penetration plus the tapered tip length.
    e. Nails shall not be loaded in withdrawal from the end grain of wood or laminations in cross-laminated timber.

6.3 - Wood Structural Panels

1. All wood structural panels intended for structural use (plywood, OSB, and composite panels) shall meet the requirements of USDOC PS 1 or PS 2.
2. All wood structural panels shall be used in a dry condition with the in-service moisture content less than 16%.
3. Unless noted otherwise, the strength axis of all wood structural panels shall be oriented perpendicular to the supporting framing.
4. Wood structural panels shall be installed such that no portion of the panel is in contact with the ground, concrete wall or slab, or CMU construction supporting the wall framing.
5. Plywood sheathing shall have a minimum of 3 plies, unless noted otherwise.
6. Wood structural panels shall be installed to achieve a 3-span continuous condition, unless noted otherwise.
7. Fasteners used in attachment of wood structural panels shall be installed such that the head of the fastener is flush with the face of the panel. Underdriven or overdriven fasteners may require remediation or replacement of panel elements, at the SEOR's discretion, due to degraded shear performance.
8. Type and spacing of fasteners in wood structural panels shall be as specified in the Structural plans. Any alternate fastener size, type, or spacing shall be approved in writing by the SEOR prior to installation. Failure to follow specified fastenings may result in the requirement to install additional fasteners, or remove and replace structural wood panel elements, to achieve required structural performance.
9. Wood structural panels shall be stored onsite in such a manner to remain clean, dry and blocked/supported as required to remain free from warps and sags.
10. Stagger panel end joints. End joints shall only occur over a support. Provide a gap of 1/8 inch between adjacent panel ends and edges.

6.4 - Shop-Fabricated Wood Trusses

1. Shop-fabricated wood trusses shall be designed and manufactured in accordance with the latest edition of ANSI/TPI 1, "National Design Standard for Metal Plate Connected Wood Truss Construction."
2. The Component Engineer, Manufacturer and Erector shall comply with requirements and recommendations of the latest editions of the following publications:
    a. TPI DSB, "National Design Standard for Bracing Metal Plate Connected Wood Trusses."
    b. TPI HIB, "Handling, Installing & Bracing Metal Plate Connected Wood Trusses."
    c. WTCA/TPI BCSI, "Building Component Safety Information: Guide to Good Practice for Handling, Installing, Restraining & Bracing Metal Plate Connected Wood Trusses."
3. Trusses shall be designed for the loading shown in the Structural plans. Contractor shall facilitate coordination and verification of spatial constraints and loading parameters of actual Mechanical, Electrical, and other equipment provided that is to be supported directly by the trusses in comparison to basis-of-design information shown on the Structural plans.
4. Truss deflection limits shall be in accordance with Table 7.6-1 of ANSI/TPI 1-2014.
5. All prefabricated wood trusses shall be used in a dry condition with the in-service moisture content less than or equal to 19%.
6. The moisture content of all wood members used in the construction of wood trusses shall be less than or equal to 19% at the time of fabrication.
7. Shop-fabricated trusses shall be stored onsite in such a manner to remain clean, dry and blocked/supported as required to remain free from warps and sags.
8. The layout of trusses shown on the Structural plans is diagrammatic only and is intended only to show the general orientation of members, spatial constraints, and points of support. The Truss Designer is responsible for the final layout of the truss system and its components.
9. Connect truss members by metal connector plates located and securely embedded simultaneously in both sides of wood members by air or hydraulic press.
10. Metal connector plates shall be hot-dip galvanized steel sheet: ASTM A 653/A 653M, G60 coating designation; or stainless steel A304, Grade 33. Metal connector plates shall not be less than 0.036 inches thick.
11. Truss members and components shall not be cut, notched, drilled, spliced, or otherwise altered without documented approval from the Component Engineer. Documented approval of modifications shall be submitted to the SEOR for record.

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The New Wallace Aylesworth Middle School

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Construction Documents

TROY A. MADLEM
REGISTERED
No. PE10100188
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWN BY: LWT
PROJECT NUMBER: 223047.01
PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

STRUCTURAL NOTES

S-003

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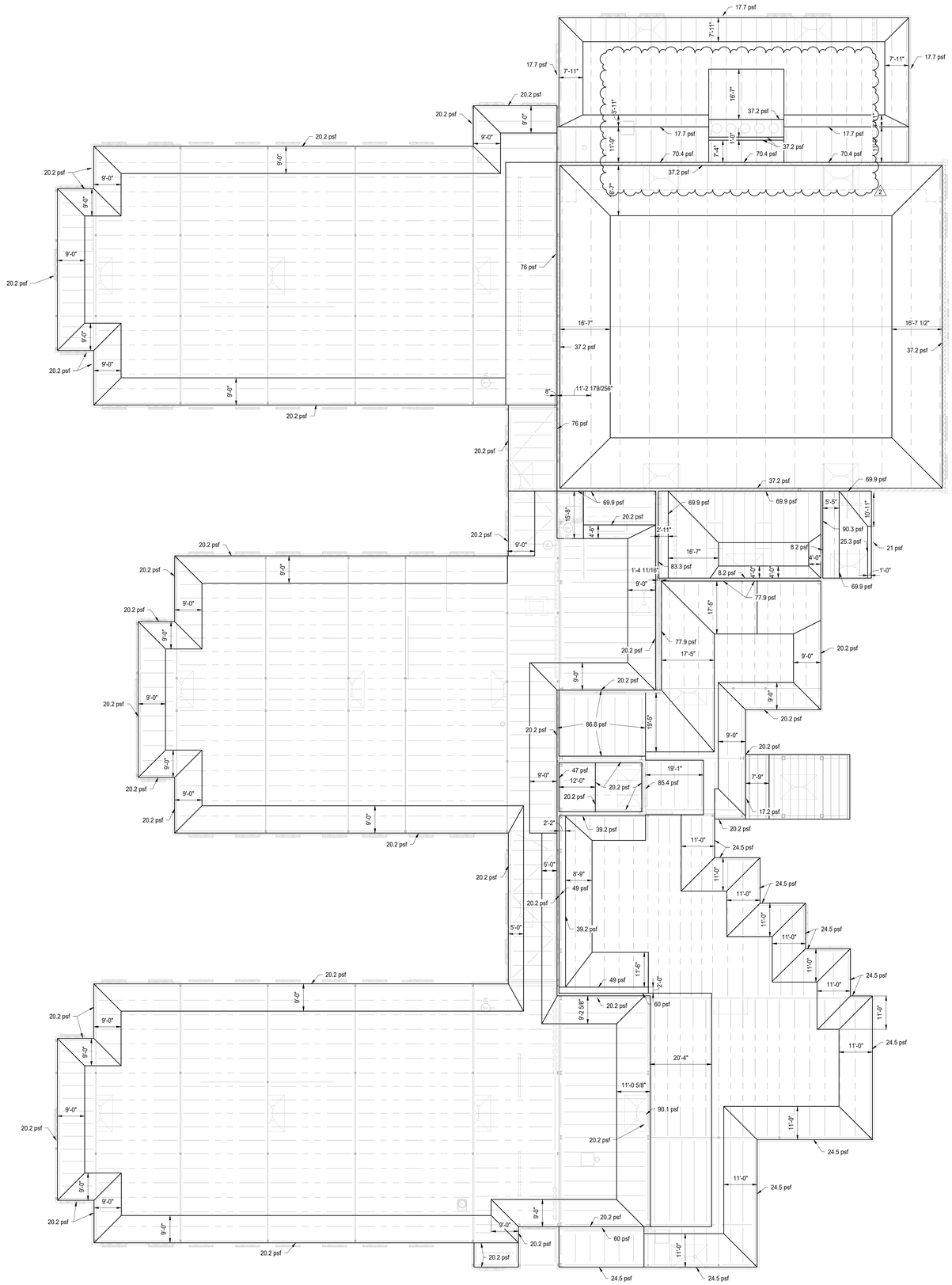

Note:
1. Snow drift loading indicated to be combined with flat roof snow load (pf).

1 Snow Load Diagram
Scale: 1/16" = 1'-0"

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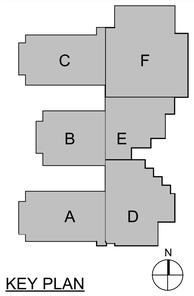


KEY PLAN

Construction Documents

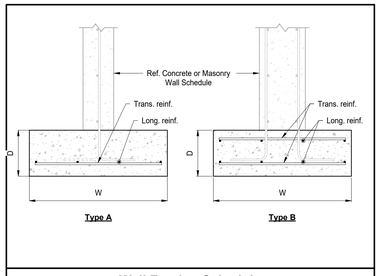
TRISTAN M. LEWIS REGISTERED No. PE10100188 STATE OF IND.IANA PROFESSIONAL ENGINEER

DRAWN BY: LWT
PROJECT NUMBER: 223047.01
PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

LOADING DIAGRAMS - SNOW

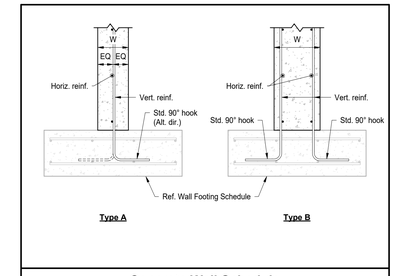
S-007



Type A | Type B

Wall Footing Schedule

Mark	Size		Reinforcing		Type	Notes
	Width (W)	Depth (D)	Longitudinal	Transverse		
WF36	3'-0"	1'-6"	(4) - #6	#6 @ 1'-0" spa.	A	
WF60	5'-0"	1'-6"	(6) - #6	#6 @ 1'-0" spa.	A	
WF60a	5'-0"	1'-6"	(4) - #6	#6 @ 1'-6" spa.	B	
WF72	6'-0"	1'-6"	(7) - #6	#6 @ 1'-0" spa.	B	
WF84	7'-0"	1'-6"	(8) - #6	#6 @ 1'-0" spa.	A	
WF132	11'-0"	1'-6"	(12) - #6	#6 @ 1'-0" spa.	A	

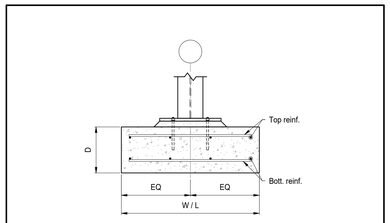


Type A | Type B

Concrete Wall Schedule

Mark	Width (W)	Reinforcing		Type	Notes
		Horizontal	Vertical		
CW7	7"	#4 @ 1'-6" spa.	#4 @ 1'-6" spa.	A	
CW8	8"	#5 @ 1'-0" spa.	#5 @ 1'-0" spa.	A	
CW12	1'-0"	#5 @ 1'-0" spa.	#5 @ 1'-0" spa.	B	
CW16	1'-4"	#5 @ 1'-0" spa.	#5 @ 1'-0" spa.	B	

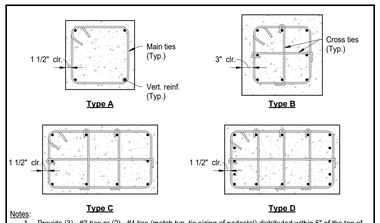
2



Notes:
1. Ref. typical details for additional information.

Column Footing Schedule

Mark	Size			Reinforcing		Notes
	Length	Width	Depth	Bottom	Top	
F3	3'-0"	3'-0"	1'-6"	(3) - #6 e.w.		
F4	4'-0"	4'-0"	1'-6"	(4) - #6 e.w.		
F5	5'-0"	5'-0"	1'-6"	(5) - #6 e.w.		
F6	6'-0"	6'-0"	1'-6"	(7) - #6 e.w.		
F6c	6'-0"	6'-0"	1'-0"	(5) - #6 e.w.		
F7	7'-0"	7'-0"	1'-6"	(8) - #6 e.w.		
F8	8'-0"	8'-0"	1'-6"	(9) - #6 e.w.		
F9	9'-0"	9'-0"	1'-6"	(13) - #6 e.w.		
F10	10'-0"	10'-0"	1'-6"	(14) - #6 e.w.		
F11	11'-0"	11'-0"	1'-6"	(15) - #6 e.w.		
F12	12'-0"	12'-0"	1'-6"	(17) - #6 e.w.		
F13	13'-0"	13'-0"	1'-6"	(18) - #6 e.w.		
F13a	13'-0"	10'-0"	1'-6"	#6 @ 1'-0" spa. e.w.		
F14a	14'-0"	11'-0"	1'-6"	#6 @ 1'-0" spa. e.w.		
F15	15'-0"	15'-0"	1'-6"	(21) - #6 e.w.		
F15a	15'-0"	8'-0"	1'-6"	#6 @ 1'-0" spa. e.w.		
F17	17'-0"	17'-0"	1'-6"	(23) - #6 e.w.		
F17a	17'-0"	9'-0"	1'-6"	#6 @ 9" spa. e.w.		
F17b	17'-0"	11'-0"	1'-6"	#6 @ 1'-0" spa. e.w.		
F20a	20'-0"	13'-0"	1'-6"	#6 @ 9" spa. e.w.		
F21a	21'-0"	11'-0"	1'-6"	#6 @ 9" spa. e.w.		
F23a	23'-0"	13'-0"	1'-6"	#6 @ 9" spa. e.w.		



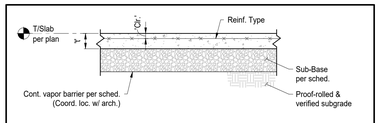
Type A | Type B | Type C | Type D

Notes:
1. Provide (3) - #3 ties or (2) - #4 ties (match typ. tie sizing of pedestal) distributed within 5" of the top of the pedestal. Provide ties @ spa. indicated in schedule for remainder of pedestal height.
2. Cross ties to match size & spa. of main ties.
3. Vert. reinf. to be spaced equally around perimeter of pedestal UNO (vert. bars not to exceed 6" spa.).
4. All vert. reinf. shall either be cross tied or be directly adjacent to a vert. bar that is cross tied.

Pedestal Schedule

Mark	Size		Offset		Reinforcing			Notes
	Length	Width	L1	W1	Type	Vert.	Ties	
P16	1'-4"	1'-4"	0"	0"	A	(4) - #6	#4 @ 1'-0" spa.	
P18	1'-6"	1'-6"	0"	0"	A	(4) - #6	#4 @ 1'-0" spa.	
P20	1'-8"	1'-8"	0"	0"	B	(6) - #5	#4 @ 0'-10" spa.	Tie side cvr. = 1 1/2"
P30	2'-6"	2'-6"	0"	0"	B	(8) - #7	#4 @ 1'-0" spa.	

2



Slab-on-Grade Diagram

Notes:
1. Locate WWF in upper 1/3rd of slab. Support on bolsters, chairs, or conc. bricks.
2. Fabric shall be supplied in flat sheets and lapped a minimum of one space, plus 2 inches.
3. Use of nylon or polypropylene fiber in lieu of WWF as a secondary reinforcement is not permissible UNO.
4. See plans, notes & specifications for additional requirements such as finish, jointing, curing, etc.

Slab-on-Grade Schedule

Mark	Thickness (t)	Reinforcing		Sub-Base	Notes
		Type	Cover (Clr.)		
SOG4	4"	WWF 6x6-W1.4xW1.4	1 1/4"	6" compacted drainage fill	

Concrete Schedule

Class	28-Day Compressive Strength	Air Content	Concrete Placement	Notes
A	3,000 psi	Optional	Footings	Water reducing admixture required.
B	3,500 psi	4.5% ±1.5%	Foundation walls & pedestals	Normal-weight concrete. High-range water reducing admixture required.
C	4,000 psi	0% to 3%	Interior slabs-on-grade Gathering Stair	Mid-range water reducing admixture required.
D	4,000 psi	5.0% ±1.5%	Exterior concrete exposed to freezing	Mid-range water reducing admixture required.

Notes:
1. Any concrete not indicated in the schedule shall be Class C.
2. Include an air-entraining admixture in mix designs for concrete exposed to freezing & thawing during service, and for concrete exposed to cold weather during construction, before attaining its required 28-day compressive strength.

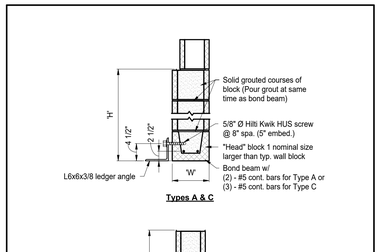
Concrete Reinforcing Steel Lap Splice Charts

Bar Size	Horizontal Foundation Bottom Bar Splice Lengths		Vertical Bar Splice Lengths		Horizontal Bar Splice Lengths	
	Splice Length		Splice Length		Splice Length	
	f'_c = 3,000 psi	f'_c = 4,000 psi	f'_c = 3,000 psi	f'_c = 4,000 psi	f'_c = 3,000 psi	f'_c = 4,000 psi
#4	1'-1"	1'-0"	1'-6"	1'-3"	1'-11"	1'-8"
#5	1'-7"	1'-5"	2'-2"	1'-11"	2'-10"	2'-5"
#6	2'-3"	1'-11"	3'-0"	2'-7"	3'-10"	3'-4"
#7	3'-7"	3'-1"	4'-10"	4'-2"	8'-1"	5'-5"
#8	4'-6"	3'-11"	6'-0"	5'-2"	10'-1"	6'-9"
#9	5'-7"	4'-10"	6'-11"	5'-10"	11'-5"	7'-8"
#10	6'-7"	5'-9"	7'-6"	6'-6"	12'-8"	8'-6"
#11	7'-10"	6'-10"	8'-3"	7'-2"	13'-11"	9'-4"

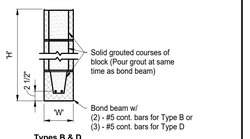
Notes:
1. Applies only to fndn. bott. reinf. w/ <1'-0" of conc. cast beneath the bars.
2. Min. conc. cover (side, bott. or top) shall be at least 1 1/2" for #5 & smaller & 2" for #6 & larger.
3. Min. center-to-center spacing of parallel bars shall be 6".

Notes:
1. Min. conc. cover (side, bott. or top) shall be the larger of 1" or d_b.
2. Min. center-to-center spacing of parallel bars shall be 4 1/2".
3. Typ. UNO on plans.

Notes:
1. Min. conc. cover (side, bott. or top) shall be the larger of 1" or d_b.
2. Min. center-to-center spacing of parallel bars shall be 4 1/2".
3. Applies to all horiz. bars except bott. layer fndn. reinf. w/ <1'-0" of conc. cast beneath the bars UNO on plans.



Types A & C



Types B & D

Notes:
1. 'W' and 'H' dimensions for Type A and Type B lintels are nominal dimensions.
2. All lintels bear 8" onto supporting walls, UNO.
3. All steel lintels and shelf angles in exterior walls shall be galvanized.
4. Bottom plates shall extend the full-length of the lintel, including bearing length, UNO.
5. At CMU infill (soaps) at steel lintels, provide metal anchorage at every course @ 1'-4" spa. to tie CMU to steel.
6. Provide the following loose angle lintels for brick/masonry veneer openings, except where shelf angles are used (Ref Arch. drawings for veneer masonry types & locations. Max. 8'-0" of supported brick above):
   a. L3 1/2x3 1/2x5/16 for openings less than 4'-0" wide.
   b. L6x3 1/2x5/16 (LLV) for openings from 4'-0" to < 6'-8" wide.
   c. L6x3 1/2x3/8 (LLV) for openings from 6'-8" to < 12'-8" wide.

Lintel Schedule

Mark	CMU Size (W X H)	Type	Notes
L1	10x8	A	
L2	10x16	A	
L3	10x24	A	
L4	8x8	B	
L5	8x16	B	
L6	14x16	C	
L8	12x8	D	
L9	12x16	D	
L10	12x24	D	
L11	8x24	B	

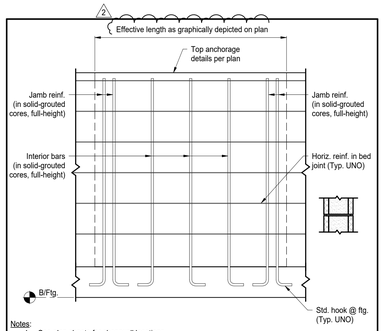
Notes:
1. See the structural drawings, architectural drawings & specifications for required horizontal (bond beam and joint) reinforcement and required additional vertical reinforcement.
2. Provide matching hooked dowels into the foundation for all vertical reinforcement. Grout solid all cells containing vertical reinforcement.

Typ. Bar Placement

Masonry Wall Reinforcement Schedule

Mark	CMU Size	Vert. Reinf.	Notes
MW8	8"	#5 @ 4'-0" spa.	
MW8a	8"	#5 @ 2'-0" spa.	
MW8b	8"	#5 @ 2'-0" spa.	Fully grouted
MW12	12"	#6 @ 2'-8" spa.	

2



Notes:
1. See plan sheets for shearwall locations.
2. Where multiple end anchors are required, place @ 8" spa. in solid grouted cores.
3. Where shearwall requirements differ from general requirements indicated elsewhere, the more stringent requirements shall apply.
4. Use bond beam lintels for all openings within or tying into shearwalls UNO.

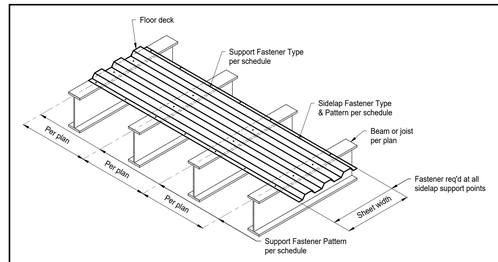
CMU Shearwall Schedule

Mark	CMU Size	Reinforcing			Notes
		Jamb	Interior Bars	Horiz.	
SW8	8"	(1) - #5	#5 @ 4'-0" spa.	9 ga. wire @ 1'-4" spa.	
SW8a	8"	(2) - #5	#5 @ 2'-8" spa.	9 ga. wire @ 1'-4" spa.	
SW8b	8"	(3) - #5	#5 @ 4'-0" spa.	9 ga. wire @ 1'-4" spa.	
SW8c	8"	(1) - #5	#5 @ 4'-0" spa.	9 ga. wire @ 1'-4" spa.	Fully grouted
SW12	1'-0"	(1) - #6	#6 @ 2'-8" spa.	9 ga. wire @ 1'-4" spa.	

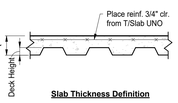
Masonry Reinforcing Steel Lap Splice Chart

Bar Size	Minimum Lap Splice based on:															
	f'_m = 1,500 psi						f'_m = 2,000 psi						f'_m = 2,500 psi			
	Bars Centered in Grouted Cells				Clear Cover		Bars Centered in Grouted Cells				Clear Cover		Bars Centered in Grouted Cells				Clear Cover	
	6" CMU	8" CMU	10" CMU	12" CMU	1 1/2"	2"	6" CMU	8" CMU	10" CMU	12" CMU	1 1/2"	2"	6" CMU	8" CMU	10" CMU	12" CMU	1 1/2"	2"
#3	1'-0"	1'-0"	1'-0"	1'-0"	1'-7"	1'-3"	1'-0"	1'-0"	1'-0"	1'-0"	1'-5"	1'-1"	1'-0"	1'-0"	1'-0"	1'-0"	1'-3"	1'-0"
#4	1'-8"	1'-3"	1'-0"	1'-0"	2'-10"	2'-2"	1'-6"	1'-1"	1'-0"	1'-0"	2'-6"	1'-10"	1'-4"	1'-0"	1'-0"	1'-0"	2'-2"	1'-8"
#5	2'-8"	1'-11"	1'-6"	1'-3"	3'-9"	3'-4"	2'-4"	1'-8"	1'-4"	1'-1"	3'-9"	2'-11"	2'-1"	1'-6"	1'-2"	1'-0"	3'-5"	2'-7"
#6	4'-6"	3'-7"	2'-10"	2'-4"	4'-6"	4'-6"	4'-5"	3'-2"	2'-5"	2'-0"	4'-6"	4'-6"	3'-11"	2'-10"	2'-2"	1'-9"	4'-6"	4'-6"
#7	NP	5'-0"	3'-10"	3'-2"	5'-3"	5'-3"	NP	4'-4"	3'-4"	2'-9"	5'-3"	5'-3"	NP	3'-11"	3'-0"	2'-5"	5'-3"	5'-3"
#8	NP	6'-0"	5'-11"	4'-9"	6'-0"	6'-0"	NP	6'-0"	5'-1"	4'-2"	6'-0"	6'-0"	NP	5'-11"	4'-7"	3'-9"	6'-0"	6'-0"
#9	NP	NP	6'-9"	6'-1"	6'-9"	6'-9"	NP	NP	6'-6"	5'-4"	6'-9"	6'-9"	NP	NP	5'-10"	4'-9"	6'-9"	6'-9"

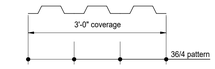
Notes:
1. Chart is based on ASTM A615, Grade 60 reinforcement (f_y = 60,000 psi).
2. One bar per grouted cell for vertical bars.
3. Clear spacing between bars shall be greater than or equal to the clear cover.
4. NP = Not Permitted.



Fastener Pattern Diagram



Slab Thickness Definition

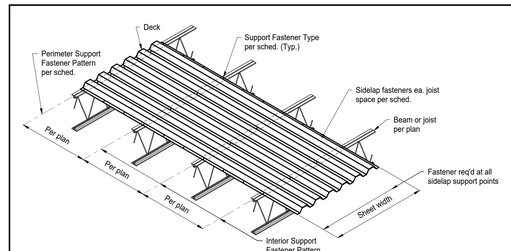


Support Fastener Pattern Definition

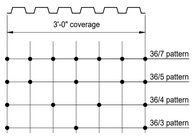
Notes:
1. Concrete to be normal-weight UNO.
2. Fasten through multiple sheets at all end and side laps.
3. End laps shall occur only at support points.
4. Deck shall be installed in minimum three span condition UNO.
5. Where sidelap fasteners are not noted, provide the following minimum attachments:
   a. For deck spans ≤ 6'-0", provide one sidelap fastener at mid-span of each joint or beam space.
   b. For deck spans > 6'-0", provide sidelap fasteners at 3'-0" max. spa.
6. See Framing Plan for slab locations & framing spacing.

Slab-on-Deck Schedule

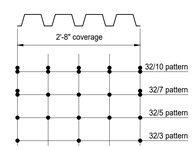
Mark	Deck				Slab		Attachment				Notes
	Height	Gauge	Type	Finish	Thickness (t)	Reinforcing	Support Fastener Type	Support Fastener Pattern	Sidelap Fastener Type	Sidelap Fastener Pattern	
SOD1	1 1/2"	20 ga.	1.5VL	Galv.	4 1/2"	WWF 6x6-W1.4xW1.4	5/8" puddle welds	36/4	#10 screws	1'-0" spa.	Gr. 50 steel



Deck Fastener Pattern Diagram



Support Fastener Pattern Definition

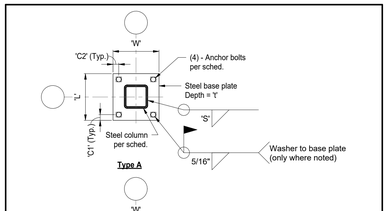


Support Fastener Pattern Definition

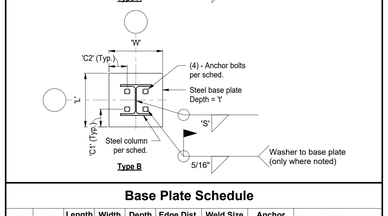
Notes:
1. Fasten through multiple sheets at all end and side laps.
2. End laps shall occur only at support points.
3. Deck shall be installed in minimum 3-span condition UNO.

Deck Schedule

Mark	Deck T	Gauge	Type	Finish	Support Fastener Type	Perimeter Support Fastener Pattern	Interior Support Fastener Pattern	Sidelap Fastener Type	Sidelap Fastener Pattern	Notes
D1	1 1/2"	22 ga.	Type B Deck	Galv.	5/8" puddle welds	36/4	36/4	#10 screws	1'-0" spa.	Gr. 50 steel
D2	3"	20 ga.	Type NLA Deck	Galv.	5/8" puddle welds	32/3	32/3	#10 screws	1'-0" spa.	Gr. 50 steel



Type A

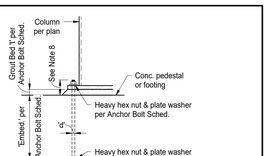


Type B

Base Plate Schedule

Mark	Type	Length (L)	Width (W)	Depth (t)	Edge Dist. (C1)	Edge Dist. (C2)	Weld Size (S)	Anchor Bolt	Notes
BP1	A	1'-0"	1'-0"	1 1/4"	1 1/2"	1 1/2"	1/4"	AB1	
BP2	A	0'-11"	0'-11"	3/4"	1 1/2"	1 1/2"	1/4"	AB1	
BP3	A	1'-2"	1'-0"	1 1/4"	1 1/2"	1 1/2"	1/4"	AB1	
BP5	B	1'-4"	0'-10"	1"	4"	1 1/2"	1/4"	AB1	
BP6	A	1'-4"	1'-4"	1"	1 1/2"	1 1/2"	1/4"	AB1	
BP7	B	1'-4"	0'-10"	1"	4"	1 1/2"	1/4"	AB2	
BP8	A	1'-6"	1'-6"	3/4"	1 1/2"	1 1/2"	1/4"	AB1	Weld washer to base plate
BP9	B	1'-2"	1'-2"	1"	4"	4"	1/4"	AB1	
BP10	B	1'-0"	1'-0"	1"	3 1/2"	3 1/2"	1/4"	AB1	
BP11	A	1'-0"	1'-0"	1 1/4"	1 1/2"	1 1/2"	1/4"	AB2	
BP12	A	0'-10"	1'-0"	1 1/4"	1 1/2"	1 1/2"	1/4"	AB1	

Notes:
1. Ref. Anchor Bolt Schedule for additional information.



Notes:
1. Location of anchor bolts must not vary more than 1/8" o.c. of any two bolts within an anchor bolt group.
2. Hold max. deviation of 1/4" o.c. of adjacent anchor bolt groups.
3. Hold elev. of the top of the anchor bolts to ±1/2".
4. Hold max. deviation of 1/4" from the center of any anchor bolt group to the established column line through that group.
5. Refer to the AISC code of Standard Practice for additional information.
6. It is the Contractor's responsibility to provide sufficient temp. support of column base plates using leveling plates, leveling nuts/washers or steel shims (or combination thereof) prior to placement and curing of non-shrink grout.
7. Grout bed shall be packed with non-shrink non-metallic grout (Ref. specifications where available).
8. Anchor bolts shall project above conc. pedestal or footing surface a sufficient length such that the anchor bolt nut will be fully engaged, at a minimum. Contractor shall consider applicable installation tolerances and materials (grout thickness, base plate thickness, plate washers, etc.) when determining anchor bolt projection length. When column base is encased in concrete, a minimum 1 1/2" cover shall be provided over the top of the anchor bolts. Contractor shall trim tops of anchor bolts as required to attain minimum cover while maintaining full engagement of anchor bolt nut.

Anchor Bolt Schedule

Mark	Anchor Bolts		Washers		Grout Bed Thickness (t)	Base Plate Hole Dia.	Remarks
	Dia. (d)	Embed.	Size (Min.)	Thickness (Min.)			
AB1	3/4"	9"	2"	3/8"	2"	1 5/16"	
AB2	1"	12"	3"	3/8"	2"	1 7/8"	

Notes:
1. Washers may be round or square.

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The New Wallace Aylesworth Middle School

5910 Central Ave., Portage, Indiana 46368

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Construction Documents

TRISTAN M. LEWIS REGISTERED No. PE10100188 STATE OF IND IANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

SCHEDULES

S-008

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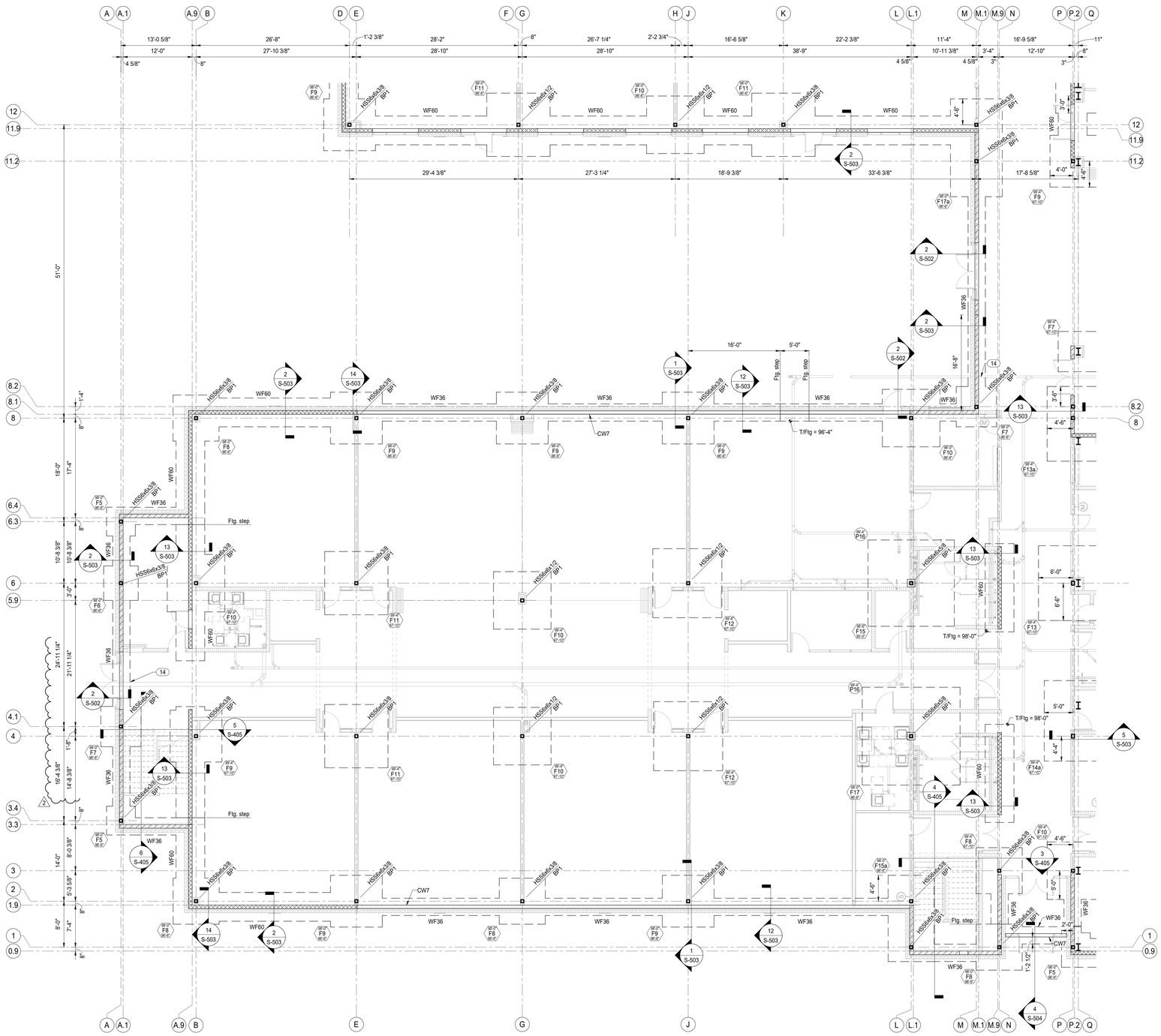

1 Foundation Plan - Unit A
Scale: 1/8" = 1'-0"

Plan Notes:

1. Reference elevation = 100'-0" (639.39' USGS).
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
3. All walls shall be laid out from the arch. drawings.
4. All contractor's shall coord. their work w/ all disciplines to avoid conflicts & identify all req'd materials and work.
5. Coord. exact size & location of all mech. openings in floor slabs, roof decks & walls w/ the Mech. Contractor. Location & size of all duct openings, louvers, etc. shall be verified prior to construction.
6. Typical Elevations (UNO):
   a. T/Slab = 100'-0"
   b. T/Ftg. @ Int. Walls = 99'-4"
   c. T/Ftg. @ Ext. Walls = 98'-0"
   d. T/Ftg. @ Concessions = 97'-1 5/16" 1/2
7. Conc. pad per Detail 18/S-501 .
8. Match adjacent footing thickness and reinf.
9. Contractor shall fully grout the CMU wall from the door opening edge to the corner of the wall, full height.
10. Locker bench per detail 12/S-502 2/2
11. Reduce transverse reinf. spa. = 9".
12. Provide top. reinf. to match size and spa. of bott. reinf. @ 1-1/2" clr. from tftg.
13. Provide (16) - #6 longitudinal bars top and bott.
14. Pipe pen. per Detail 4/S-501 .

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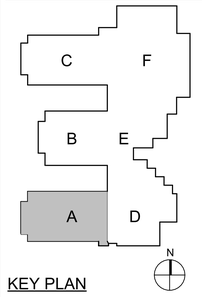

KEY PLAN

Construction Documents

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

FOUNDATION PLAN - UNIT A

S-10A

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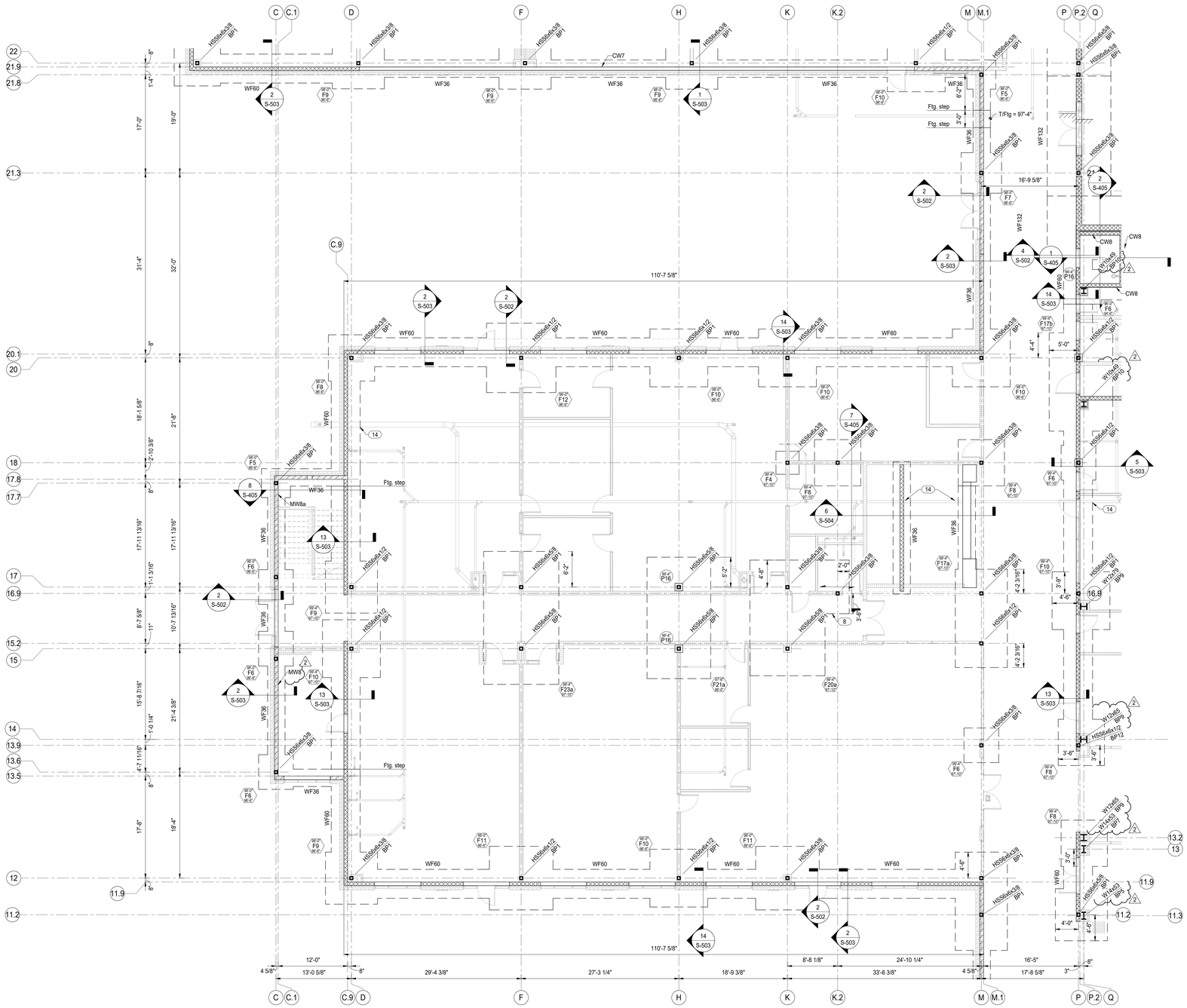

1 Foundation Plan - Unit B
Scale: 1/8" = 1'-0"

Plan Notes:

1. Reference elevation = 100'-0" (639.39' USGS)
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
3. All walls shall be laid out from the arch. drawings.
4. All contractor's shall coord. their work w/ all disciplines to avoid conflicts & identify all req'd materials and work.
5. Coord. exact size & location of all mech. openings in floor slabs, roof decks & walls w/ the Mech. Contractor. Location & size of all duct openings, louvers, etc. shall be verified prior to construction.
6. Typical Elevations (UNO):
   a. T/Slab = 100'-0"
   b. T/Ftg. @ Int. Walls = 99'-4"
   c. T/Ftg. @ Ext. Walls = 98'-0"
   d. T/Ftg. @ Concessions = 97'-1 5/16"
7. Conc. pad per Detail1S/S-501 .
8. Match adjacent footing thickness and reinf.
9. Contractor shall fully grout the CMU wall from the door opening edge to the corner of the wall, full height.
10. Locker bench per detail 12/S-502 .
11. Reduce transverse reinf. spa. = 6"
12. Provide top. reinf. to match size and spa. of bott. reinf. @ 1-1/2" clr. from t/ftg.
13. Provide (16) - #6 longitudinal bars top and bott.
14. Pipe pen. per Detail 4/S-501.

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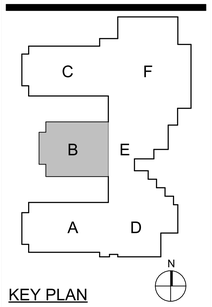

KEY PLAN

Construction Documents

REGISTERED PROFESSIONAL ENGINEER
No. PE10100188
STATE OF INDIANA

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

FOUNDATION PLAN - UNIT B

S-10B

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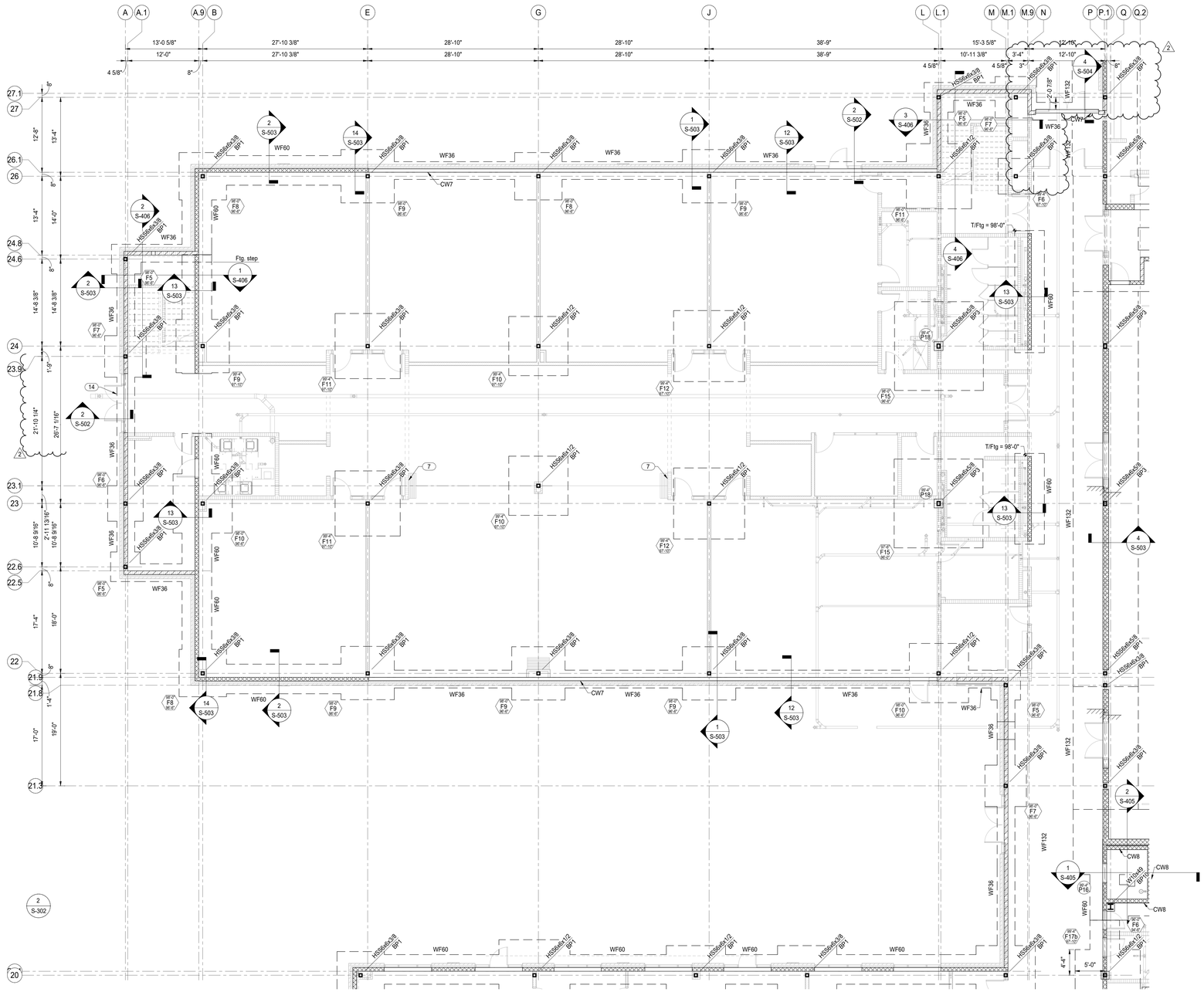

1 Foundation Plan - Unit C
Scale: 1/8" = 1'-0"

Plan Notes:

1. Reference elevation = 100'-0" (639.39' USGS).
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
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5. Coord. exact size & location of all mech. openings in floor slabs, roof decks & walls w/ the Mech. Contractor. Location & size of all duct openings, louvers, etc. shall be verified prior to construction.
6. Typical Elevations (UNO):
   a. T/Slab = 100'-0"
   b. T/Ftg. @ Int. Walls = 99'-4"
   c. T/Ftg. @ Ext. Walls = 98'-0"
   d. T/Ftg. @ Concessions = 97'-1 5/16" 1 2
7. Conc. pad per Detail18/S-501 .
8. Match adjacent footing thickness and reinf.
9. Contractor shall fully grout the CMU wall from the door opening edge to the corner of the wall, full height.
10. Locker bench per detail 12/S-502 1 2
11. Reduce transverse reinf. spa. = 9" 2 2
12. Provide top. reinf. to match size and spa. of bott. reinf. @ 1-1/2" clr. from t/ftg.
13. Provide (16) - #6 longitudinal bars top and bott.
14. Pipe pen. per Detail 4/S-501.

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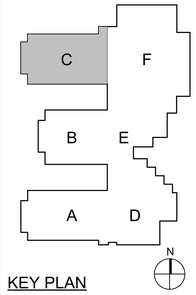

KEY PLAN

Construction Documents

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

FOUNDATION PLAN - UNIT C

S-10C

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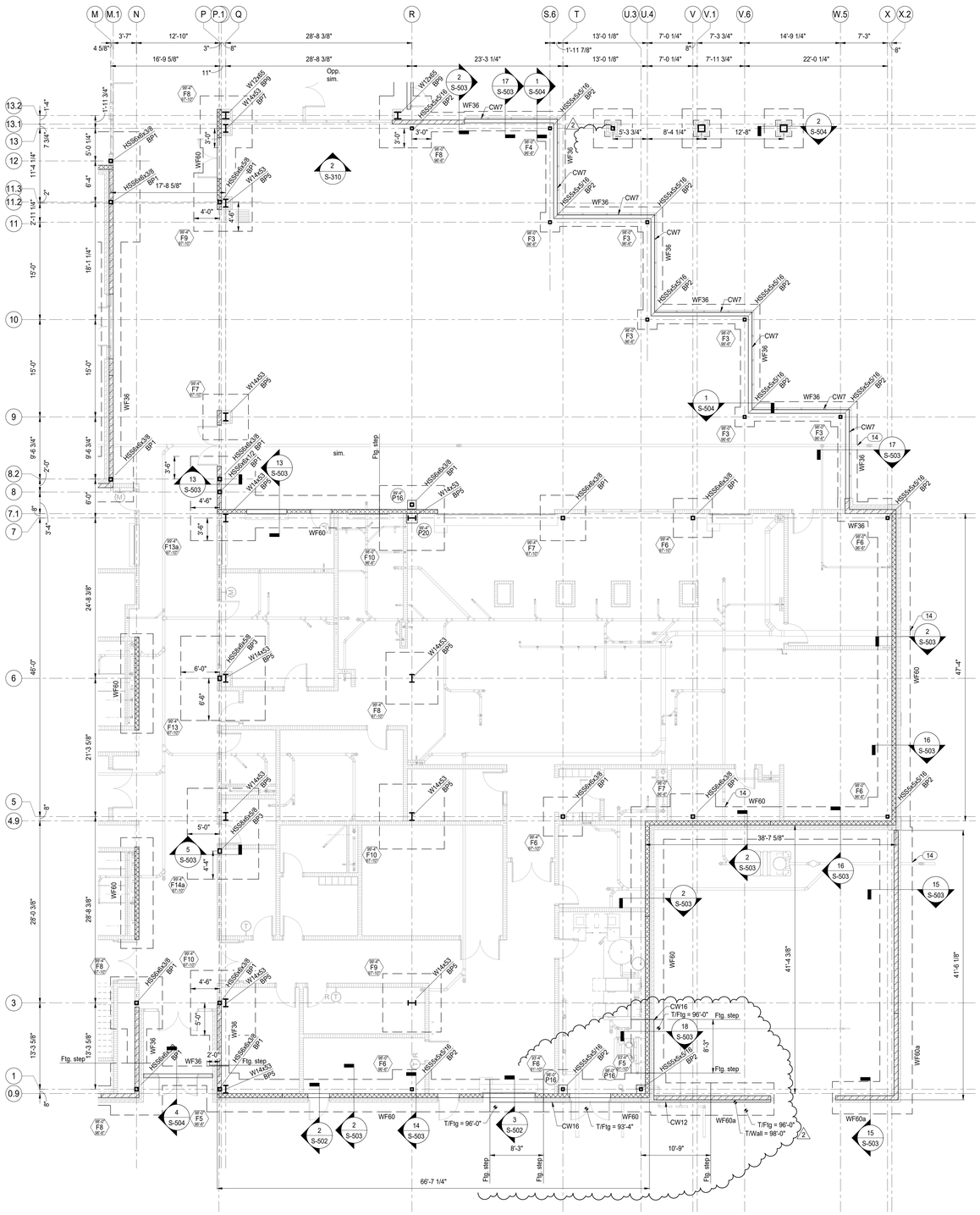

1 Foundation Plan - Unit D
Scale: 1/8" = 1'-0"

Plan Notes:

1. Reference elevation = 100'-0" (639.39' USGS).
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
3. All walls shall be laid out from the arch. drawings.
4. All contractor's shall coord. their work w/ all disciplines to avoid conflicts & identify all req'd materials and work.
5. Coord. exact size & location of all mech. openings in floor slabs, roof decks & walls w/ the Mech. Contractor. Location & size of all duct openings, louvers, etc. shall be verified prior to construction.
6. Typical Elevations (UNO):
   a. T/Slab = 100'-0"
   b. T/Flg. @ Int. Walls = 99'-4"
   c. T/Flg. @ Ext. Walls = 98'-0"
   d. T/Flg. @ Concessions = 97'-1 5/16" (2)
7. Conc. pad per Detail18/S-501 .
8. Match adjacent footing thickness and reinf.
9. Contractor shall fully grout the CMU wall from the door opening edge to the corner of the wall, full height.
10. Locker bench per detail 12/S-502 (2)
11. Reduce transverse reinf. spa. = 8" (2)
12. Provide top. reinf. to match size and spa. of bott. reinf. @ 1-1/2" clr. from t/flg.
13. Provide (16) - #6 longitudinal bars top and bott.
14. Pipe pen. per Detail 4/S-501 .

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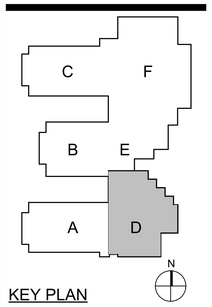

KEY PLAN

Construction Documents

REGISTERED PROFESSIONAL ENGINEER
No. PE10100188
STATE OF INDIANA

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

FOUNDATION PLAN - UNIT D

S-10D

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Plan Notes:
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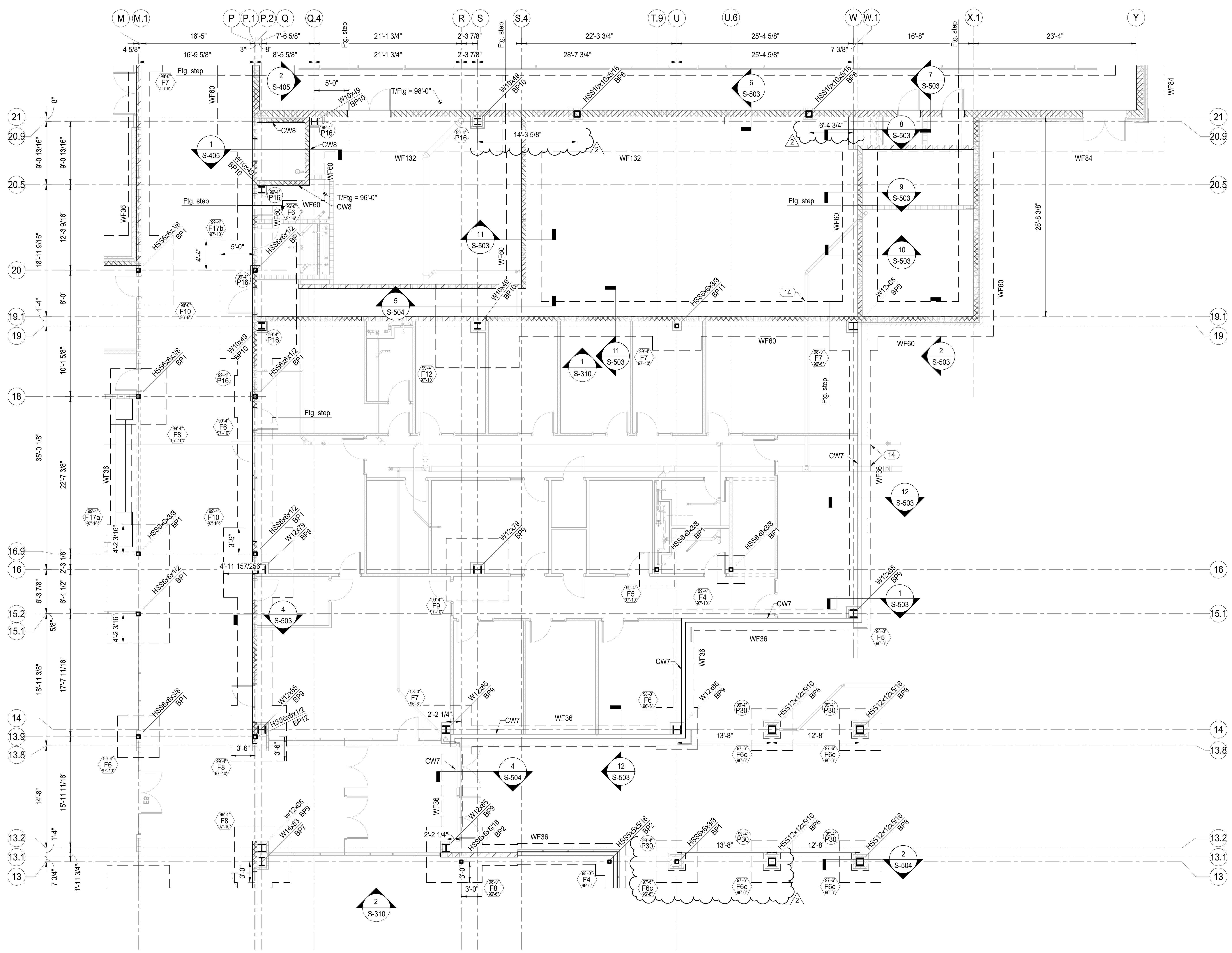
6. Typical Elevations (UNO):
   a. T/Slab = 100'-0"
   b. T/Ftg. @ Int. Walls = 99'-4"
   c. T/Ftg. @ Ext. Walls = 98'-0"
   d. T/Ftg. @ Concessions = 97'-1 5/16" (2)
7. Conc. pad per Detail 18/S-501.
8. Match adjacent footing thickness and reinf.
9. Contractor shall fully grout the CMU wall from the door opening edge to the corner of the wall, full height.
10. Locker bench per detail 12/S-502. (2)
11. Reduce transverse reinf. spa. = 9". (2)
12. Provide top. reinf. to match size and spa. of bott. reinf. @ 1-1/2" clr. from t/ftg.
13. Provide (16) - #6 longitudinal bars top and bott.
14. Pipe pen. per Detail 4/S-501.



1 Foundation Plan - Unit E
Scale: 1/8" = 1'-0"

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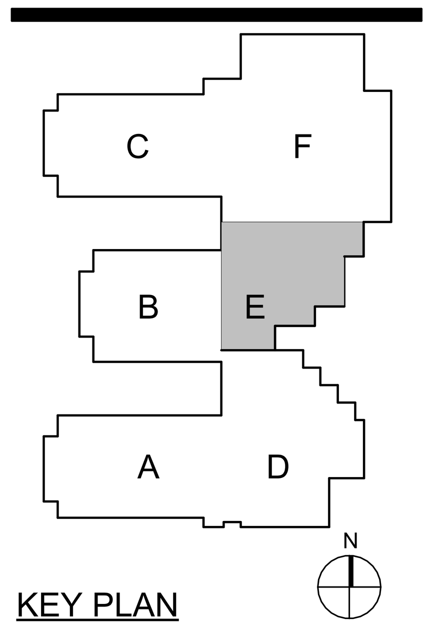


KEY PLAN

Construction Documents

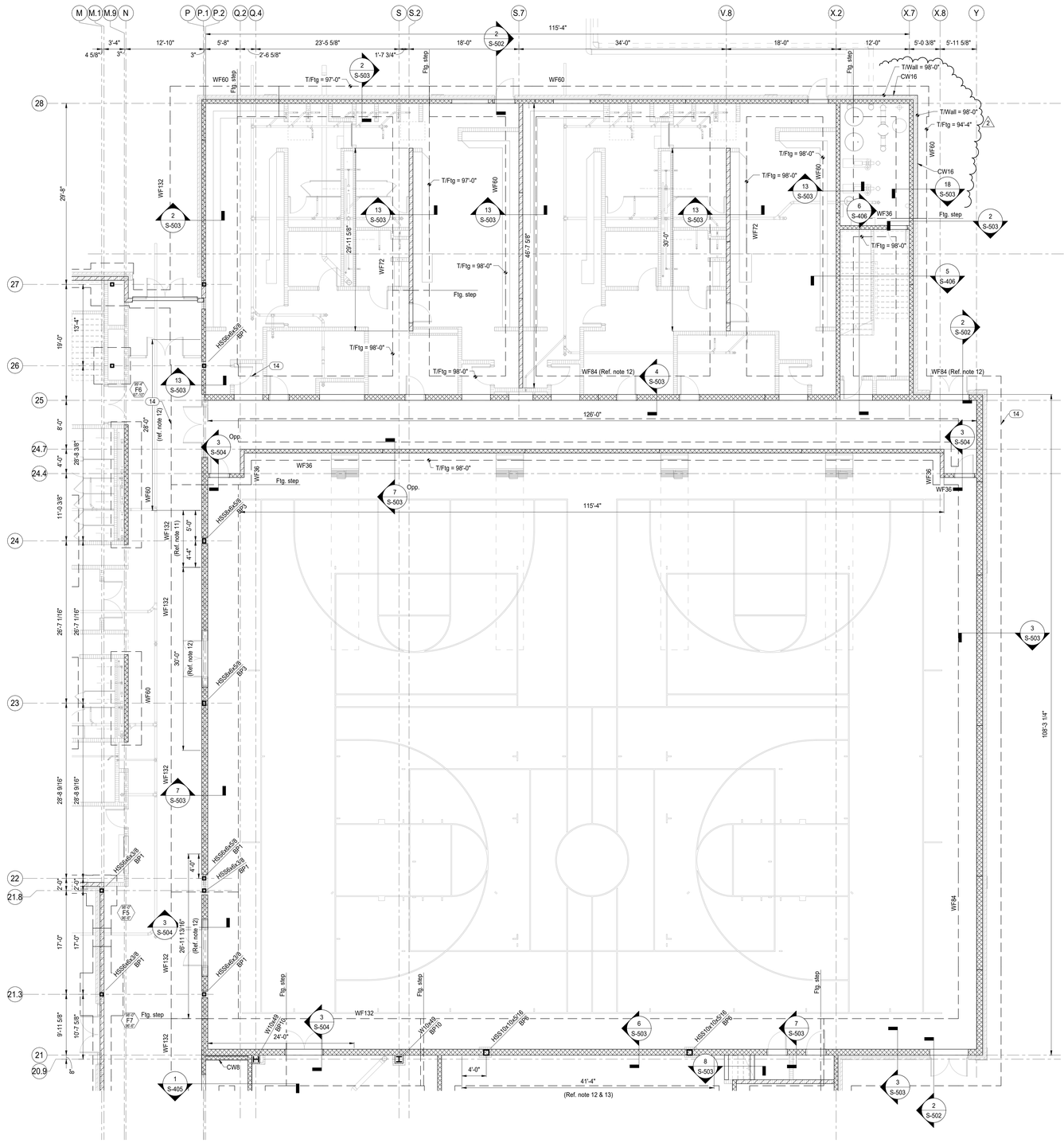
TROY A. MADLEM
REGISTERED
No. PE10100188
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWN BY: LWT
PROJECT NUMBER: 223047.01
PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

FOUNDATION PLAN - UNIT E

S-10E



1 Foundation Plan - Unit F
Scale: 1/8" = 1'-0"

Plan Notes:
1. Reference elevation = 100'-0" (639.39' USGS).
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
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6. Typical Elevations (UNO):
   a. T/Slab = 100'-0"
   b. T/Ftg. @ Int. Walls = 99'-4"
   c. T/Ftg. @ Ext. Walls = 98'-0"
   d. T/Ftg. @ Concessions = 97'-1 5/16" 1/2
7. Conc. pad per Detail18/S-501 .
8. Match adjacent footing thickness and reinf.
9. Contractor shall fully grout the CMU wall from the door opening edge to the corner of the wall, full height.
10. Locker bench per detail 12/S-502 2/2
11. Reduce transverse reinf. spa. = 6" 2/2
12. Provide top. reinf. to match size and spa. of bott. reinf. @ 1-1/2" clr. from t/ftg.
13. Provide (16) - #6 longitudinal bars top and bott.
14. Pipe pen. per Detail 4/S-501 .

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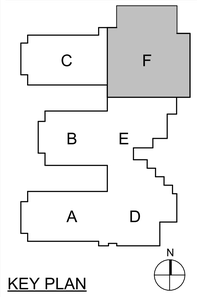

KEY PLAN

Construction Documents

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

FOUNDATION PLAN - UNIT F

S-10F

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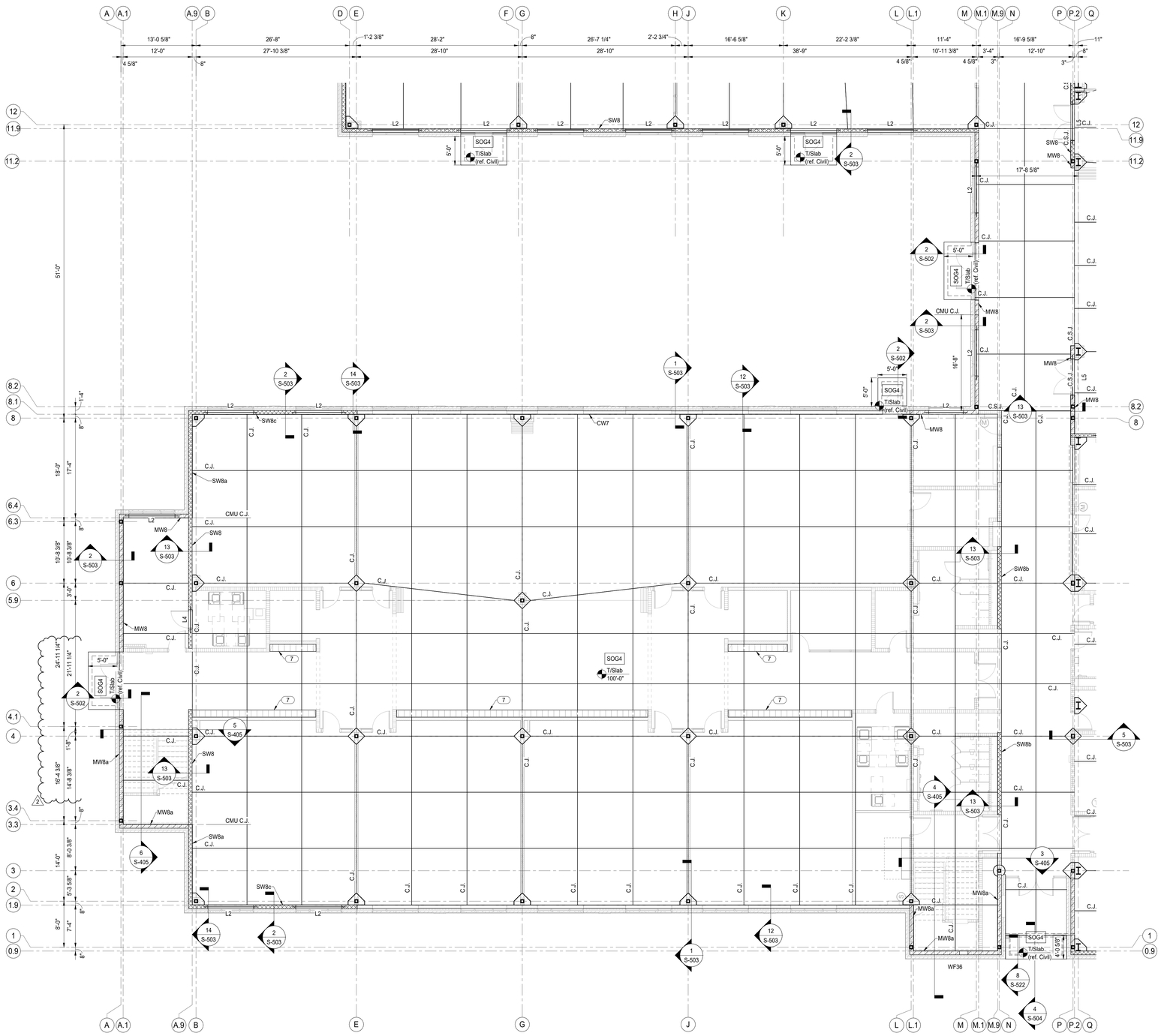

1 Slab-On-Grade Plan - Unit A
Scale: 1/8" = 1'-0"

Plan Notes:
1. Reference elevation = 100'-0" (639.39' USGS).
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
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6. Typical Elevations (UNO):
   a. T/Slab = 100'-0"
   b. T/Flg. @ Int. Walls = 99'-4"
   c. T/Flg. @ Ext. Walls = 98'-0"
   d. T/Flg. @ Concessions = 97'-1 5/16" (1/2)
7. Conc. pad per Detail 18/S-501 .
8. Match adjacent footing thickness and reinf.
9. Contractor shall fully grout the CMU wall from the door opening edge to the corner of the wall, full height.
10. Locker bench per detail 12/S-502 (1/2)
11. Reduce transverse reinf. spa. = 9".
12. Provide top. reinf. to match size and spa. of bott. reinf. @ 1-1/2" clr. from tflg.
13. Provide (16) - #6 longitudinal bars top and bott.
14. Pipe pen. per Detail 4/S-501 .

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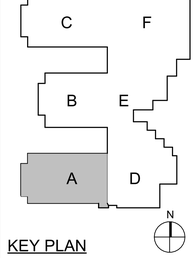

KEY PLAN

Construction Documents

TROY A. HOWEY REGISTERED No. PE10100188 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

SLAB-ON-GRADE PLAN - UNIT A

S-11A

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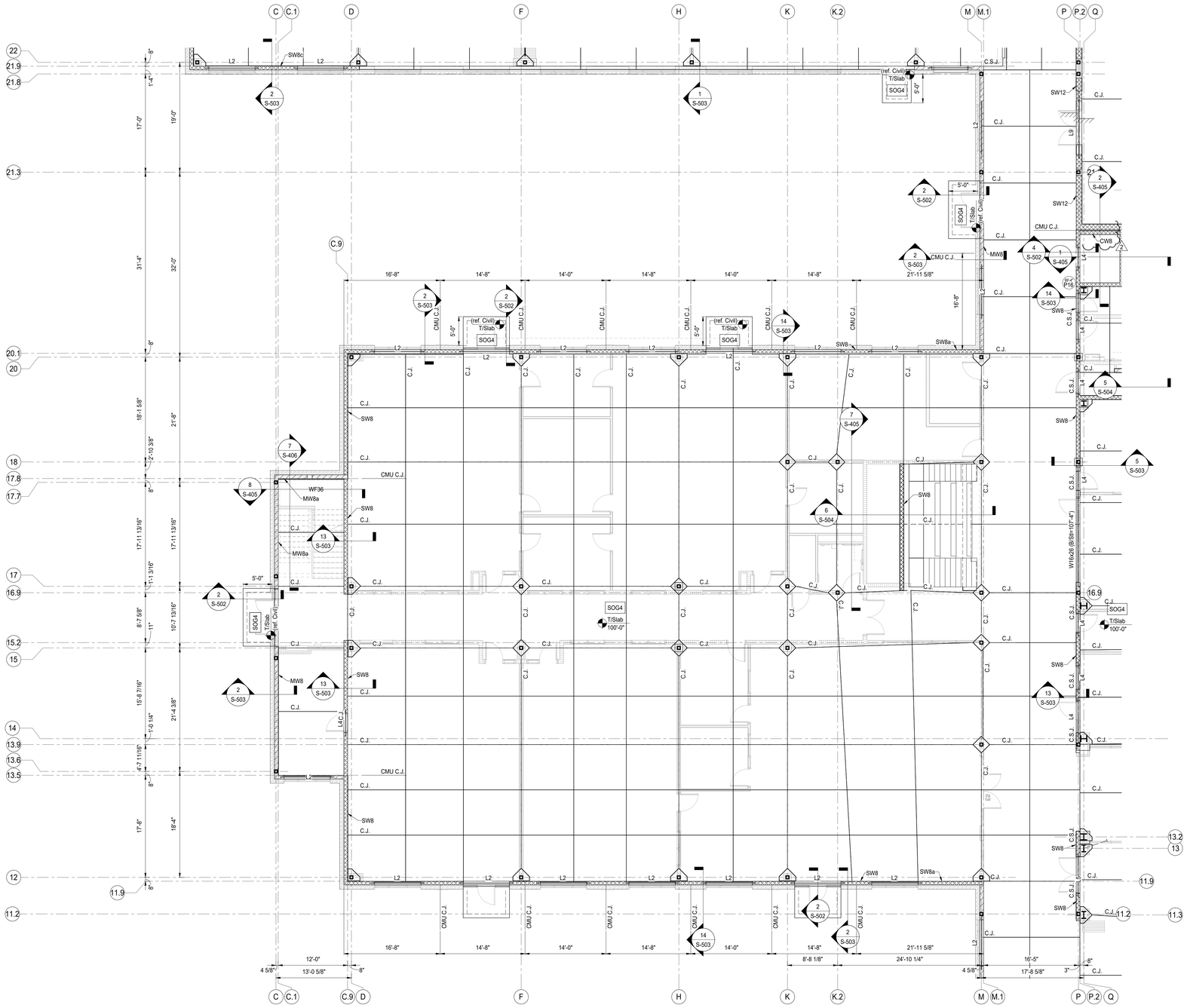

1 Slab-On-Grade Plan - Unit B
Scale: 1/8" = 1'-0"

Plan Notes:

1. Reference elevation = 100'-0" (639.39' USGS)
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
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6. Typical Elevations (UNO):
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   b. T/Ftg. @ Int. Walls = 99'-4"
   c. T/Ftg. @ Ext. Walls = 98'-0"
   d. T/Ftg. @ Concessions = 97'-1 5/16" (1/S-502, 2/S-502)
7. Conc. pad per Detail1&1/S-501 .
8. Match adjacent footing thickness and reinf.
9. Contractor shall fully grout the CMU wall from the door opening edge to the corner of the wall, full height.
10. Locker bench per detail 12/S-502 (1/S-502, 2/S-502)
11. Reduce transverse reinf. spa. = 9"
12. Provide top. reinf. to match size and spa. of bott. reinf. @ 1-1/2" clr. from t/ftg.
13. Provide (16) - #6 longitudinal bars top and bott.
14. Pipe pen. per Detail 4/S-501.

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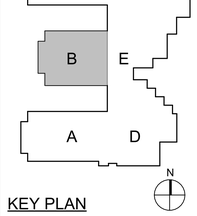
KEY PLAN



Construction Documents

TROY A. MAZZOLENI REGISTERED No. PE10100188 STATE OF IND./IA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

SLAB-ON-GRADE PLAN - UNIT B

S-11B

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Plan Notes:

1. Reference elevation = 100'-0" (639.39' USGS).
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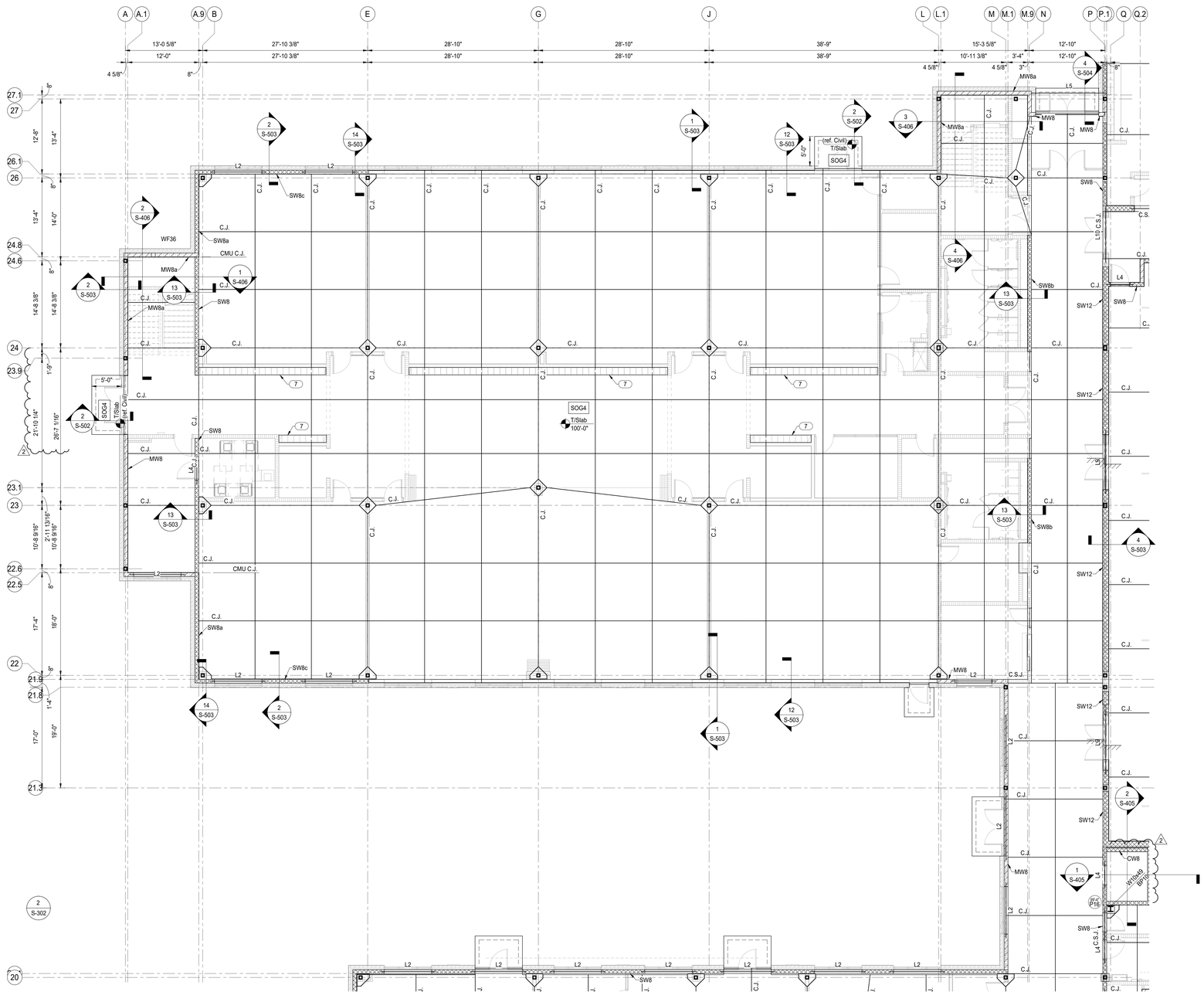
   c. T/Ftg. @ Ext. Walls = 98'-0"
   d. T/Ftg. @ Concessions = 97'-1 5/16" (1) (2)
7. Conc. pad per Detail18/S-501 .
8. Match adjacent footing thickness and reinf.
9. Contractor shall fully grout the CMU wall from the door opening edge to the corner of the wall, full height.
10. Locker bench per detail 12/S-502. (1) (2)
11. Reduce transverse reinf. spa. = 9". (2)
12. Provide top. reinf. to match size and spa. of bott. reinf. @ 1-1/2" clr. from t/ftg.
13. Provide (16) - #6 longitudinal bars top and bott.
14. Pipe pen. per Detail 4/S-501.



1 Slab-On-Grade Plan - Unit C
Scale: 1/8" = 1'-0"

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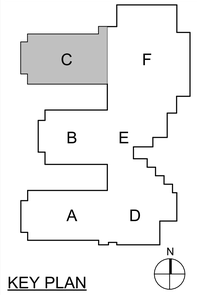

KEY PLAN

Construction Documents

TROY A. WALDEN REGISTERED No. PE10100188 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

SLAB-ON-GRADE PLAN - UNIT C

S-11C

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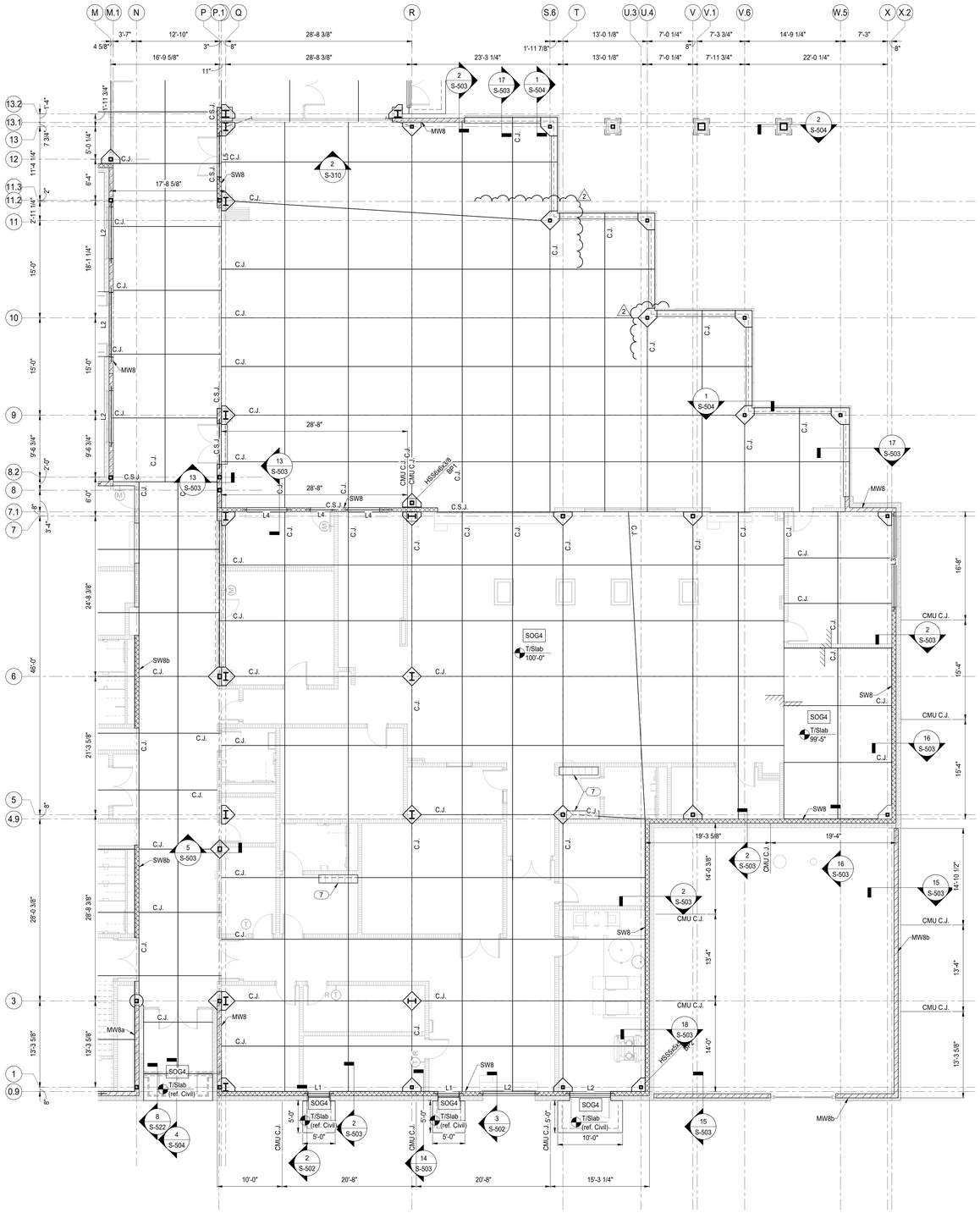

1 Slab-On-Grade Plan - Unit D
Scale: 1/8" = 1'-0"

Plan Notes:

1. Reference elevation = 100'-0" (639.39' USGS).
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
3. All walls shall be laid out from the arch. drawings.
4. All contractor's shall coord. their work w/ all disciplines to avoid conflicts & identify all req'd materials and work.
5. Coord. exact size & location of all mech. openings in floor slabs, roof decks & walls w/ the Mech. Contractor. Location & size of all duct openings, louvers, etc. shall be verified prior to construction.
6. Typical Elevations (UNO):
   a. T/Slab = 100'-0"
   b. T/Flg. @ Int. Walls = 99'-4"
   c. T/Flg. @ Ext. Walls = 98'-0"
   d. T/Flg. @ Concessions = 97'-1 5/16"
7. Conc. pad per Detail18/S-501 .
8. Match adjacent footing thickness and reinf.
9. Contractor shall fully grout the CMU wall from the door opening edge to the corner of the wall, full height.
10. Locker bench per detail 12/S-502 .
11. Reduce transverse reinf. spa. = 8".
12. Provide top. reinf. to match size and spa. of bott. reinf. @ 1-1/2" clr. from t/flg.
13. Provide (16) - #6 longitudinal bars top and bott.
14. Pipe pen. per Detail 4/S-501 .

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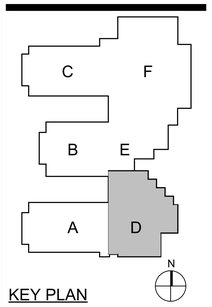

KEY PLAN

Construction Documents

TROY A. MAYHEW REGISTERED No. PE10100188 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

SLAB-ON-GRADE PLAN - UNIT D

S-11D

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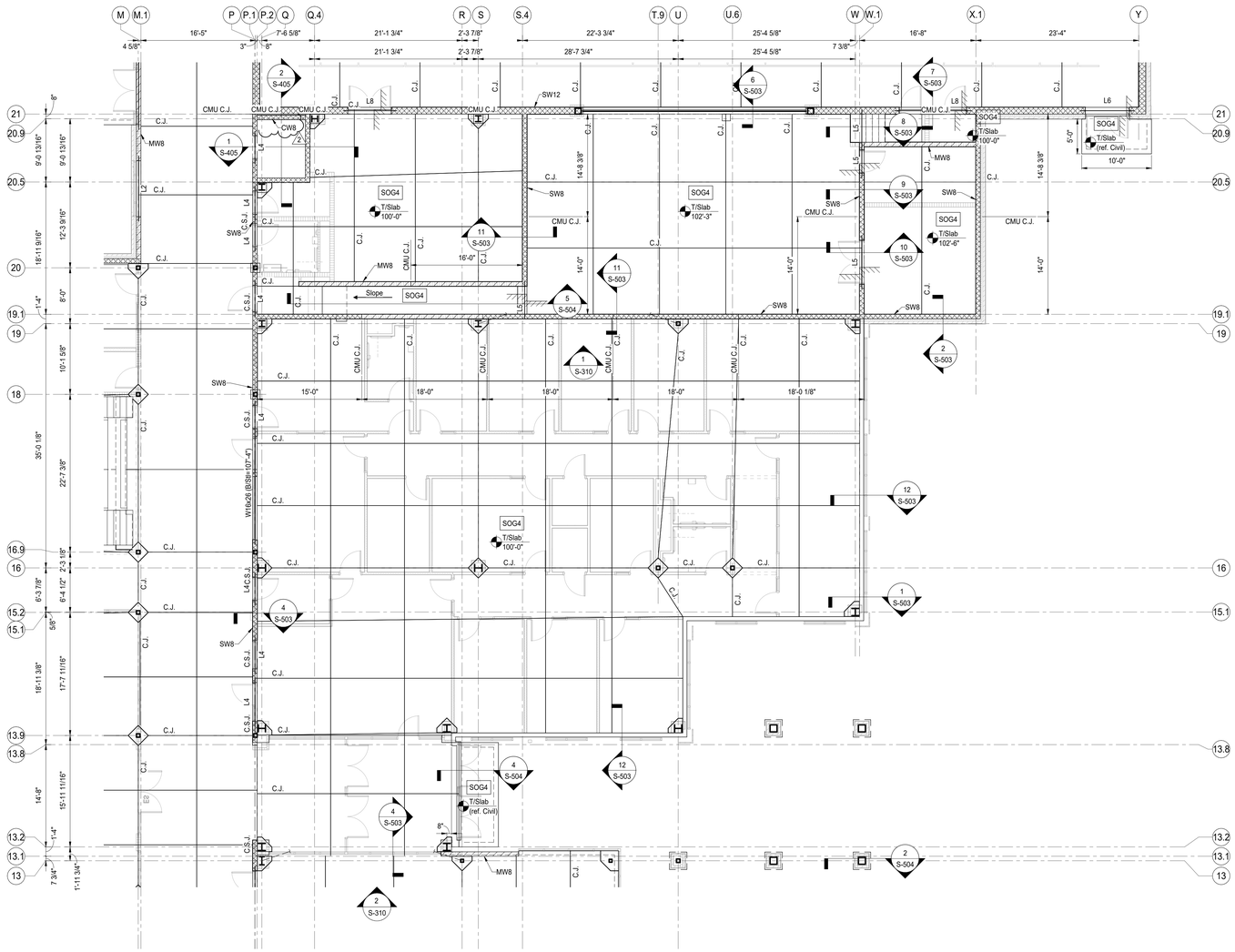

1 Slab-On-Grade Plan - Unit E
Scale: 1/8" = 1'-0"

Plan Notes:

1. Reference elevation = 100'-0" (639.39' USGS).
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
3. All walls shall be laid out from the arch. drawings.
4. All contractor's shall coord. their work w/ all disciplines to avoid conflicts & identify all req'd materials and work.
5. Coord. exact size & location of all mech. openings in floor slabs, roof decks & walls w/ the Mech. Contractor. Location & size of all duct openings, louvers, etc. shall be verified prior to construction.
6. Typical Elevations (UNO):
   a. T/Slab = 100'-0"
   b. T/Flg. @ Int. Walls = 99'-4"
   c. T/Flg. @ Ext. Walls = 98'-0"
   d. T/Flg. @ Concessions = 97'-1 5/16" (1/S-502.2)
7. Conc. pad per Detail 18/S-501 .
8. Match adjacent footing thickness and reinf.
9. Contractor shall fully grout the CMU wall from the door opening edge to the corner of the wall, full height.
10. Locker bench per detail 12/S-502.2
11. Reduce transverse reinf. spa. = 9" (1/S-502.2)
12. Provide top. reinf. to match size and spa. of bott. reinf. @ 1-1/2" clr. from t/flg.
13. Provide (16) - #6 longitudinal bars top and bott.
14. Pipe pen. per Detail 4/S-501.

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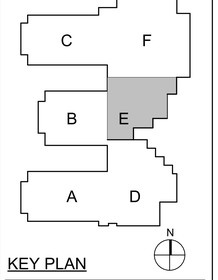

KEY PLAN

Construction Documents

TROY A. WALDEN REGISTERED No. PE10100188 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

SLAB-ON-GRADE PLAN - UNIT E

S-11E

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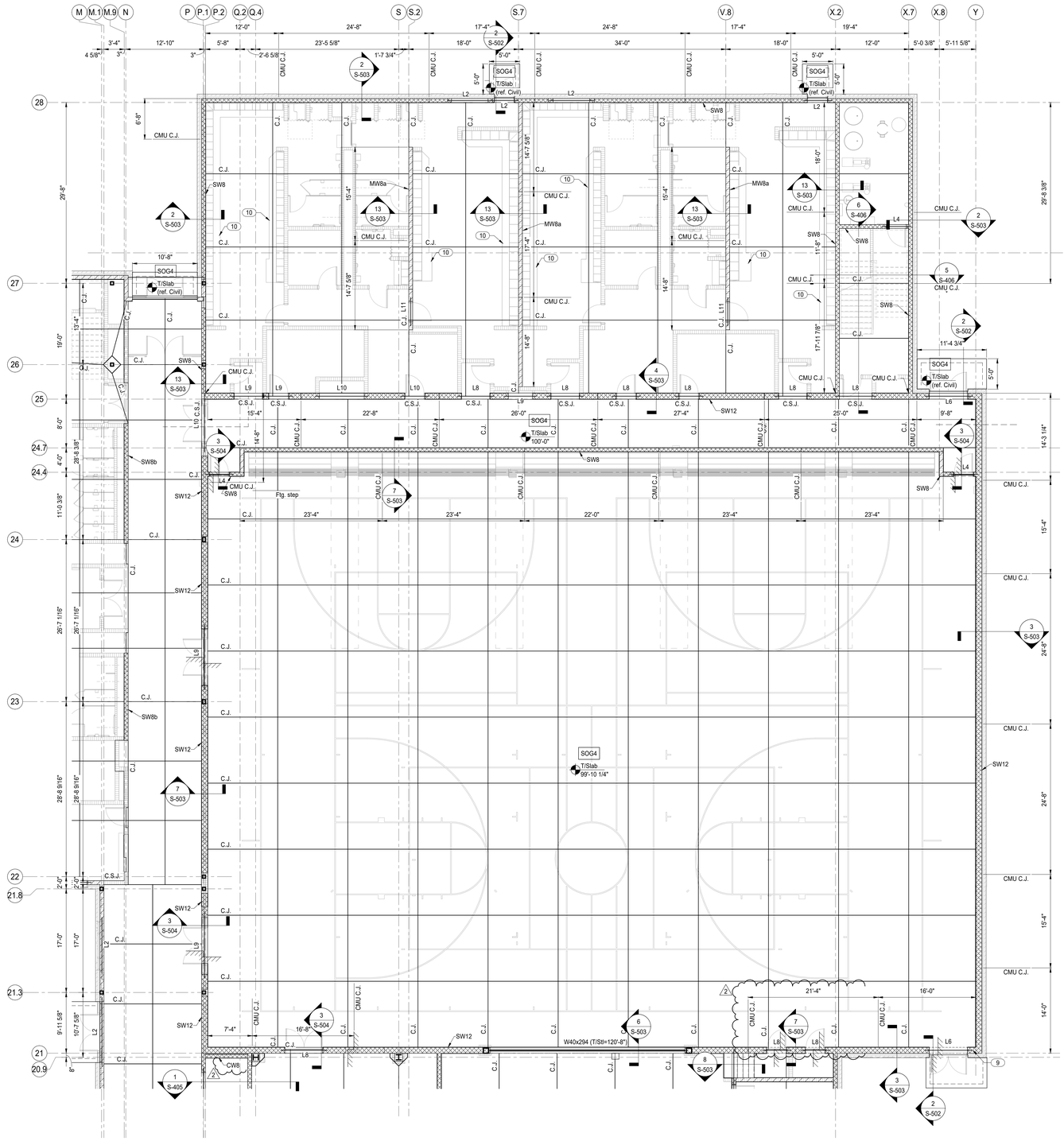

1 Slab-On-Grade Plan - Unit F
Scale: 1/8" = 1'-0"

Plan Notes:

1. Reference elevation = 100'-0" (639.39' USGS).
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
3. All walls shall be laid out from the arch. drawings.
4. All contractor's shall coord. their work w/ all disciplines to avoid conflicts & identify all req'd materials and work.
5. Coord. exact size & location of all mech. openings in floor slabs, roof decks & walls w/ the Mech. Contractor. Location & size of all duct openings, louvers, etc. shall be verified prior to construction.
6. Typical Elevations (UNO):
   a. T/Slab = 100'-0"
   b. T/Ftg. @ Int. Walls = 99'-4"
   c. T/Ftg. @ Ext. Walls = 98'-0"
   d. T/Ftg. @ Concessions = 97'-1 5/16" 1/S-501 2
7. Conc. pad per Detail18/S-501 .
8. Match adjacent footing thickness and reinf.
9. Contractor shall fully grout the CMU wall from the door opening edge to the corner of the wall, full height.
10. Locker bench per detail 12/S-502 1/S-502 2
11. Reduce transverse reinf. spa. = 6"
12. Provide top. reinf. to match size and spa. of bott. reinf. @ 1-1/2" clr. from t/ftg.
13. Provide (16) - #6 longitudinal bars top and bott.
14. Pipe pen. per Detail 4/S-501 .

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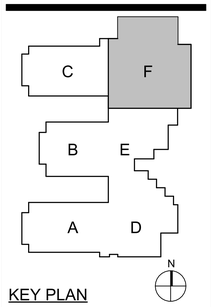

KEY PLAN

Construction Documents

TROY A. HOWEY REGISTERED No. PE10100188 STATE OF IND.IANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

SLAB-ON-GRADE PLAN - UNIT F

S-11F

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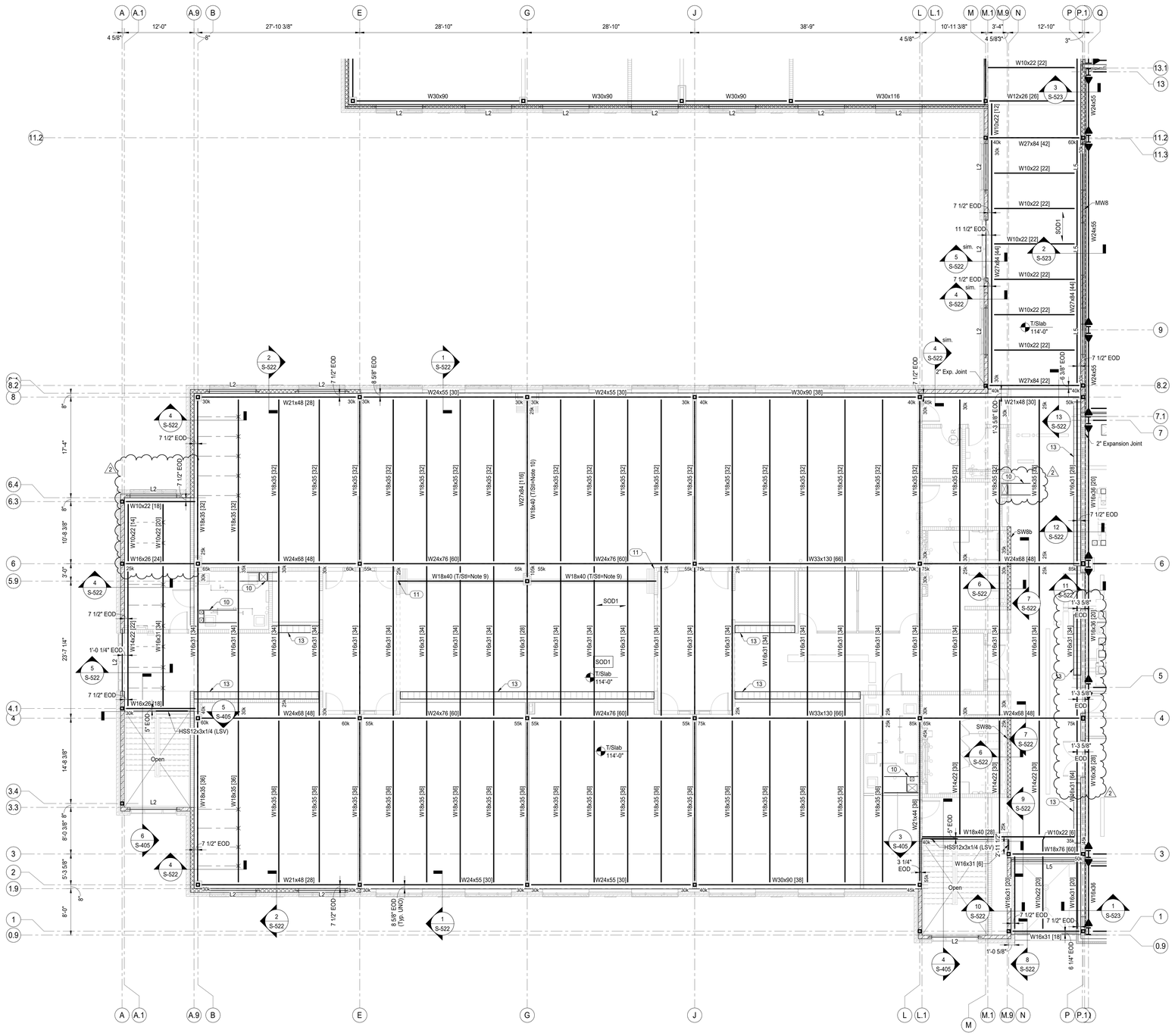

1 Second Floor Framing Plan - Unit A
Scale: 1/8" = 1'-0"

Plan Notes:

1. Reference elevation = 100'-0" (639.39' USGS).
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
3. All walls shall be laid out from the arch. drawings.
4. All contractor's shall coord. their work w/ all disciplines to avoid conflicts & identify all req'd materials and work.
5. Coord. exact size & location of all mech. openings in floor slabs, roof decks & walls w/ the Mech. Contractor. Location & size of all duct openings, louvers, etc. shall be verified prior to construction.
6. Provide channel frames at all supported slab openings and angle frames at all roof openings per typical details.
7. Horiz. & diag. bridging for steel joists shall be designed, located & provided by joist supplier in accordance w/ 'SJI' requirements. All diag. bridging shall be coordinated w/ mech. plans to avoid conflicts w/ duct runs.
8. Provide framing around roof penetrations per Detail 1/S-521.
9. T/Steel = 111'-2". Contractor shall verify the required opening dimensions with the operable partition manufacturer.
10. Provide framing around floor penetrations per Detail 2/S-521.
11. Beam bears on CMU as shown. Ref. details17/S-510 & 10/S-521 for additional information regarding the bearing connection requirements.
12. Typical Elevations (UNO):
    a. T/Steel @ SOD = 113'-7 1/2"
    b. T/Steel @ HC12+2 = 112'-10"
13. Conc. pad per Detail 18/S-501.
14. Roof slope indicated represents nominal roof slope and is provided for reference only. Actual roof slope to be determined based on indicated steel elevations.
15. Chennel to beam top flange conn. per detail 6/S-526

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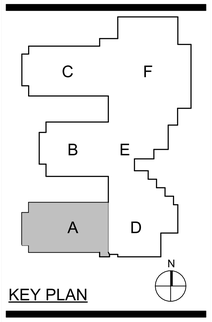

KEY PLAN

Construction Documents

TRISTA A. ALLEN REGISTERED No. PE10100188 STATE OF IND.IANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

SECOND FLOOR FRAMING PLAN - UNIT A

S-12A

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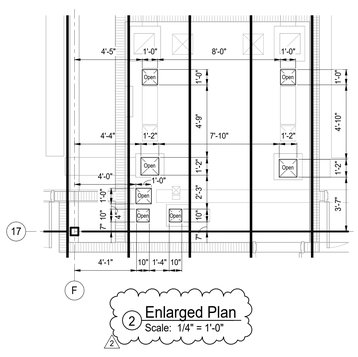
Plan Notes:

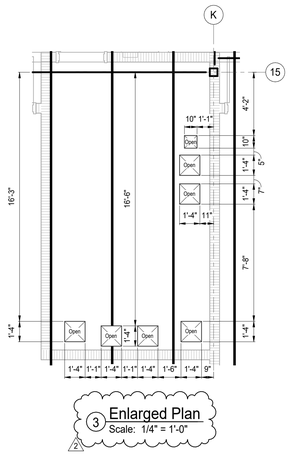
1. Reference elevation = 100'-0" (639.39' USGS).
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SECR of any discrepancies.
3. All walls shall be laid out from the arch. drawings.
4. All contractor's shall coord. their work w/ all disciplines to avoid conflicts & identify all req'd materials and work.
5. Coord. exact size & location of all mech. openings in floor slabs, roof decks & walls w/ the Mech. Contractor. Location & size of all duct openings, louvers, etc. shall be verified prior to construction.
6. Provide channel frames at all supported slab openings and angle frames at all roof openings per typical details.
7. Horiz. & diag. bridging for steel joists shall be designed, located & provided by joist supplier in accordance w/ 'SJI' requirements. All diag. bridging shall be coordinated w/ mech. plans to avoid conflicts w/ duct runs.
8. Provide framing around roof penetrations per Detail 1/S-521.
9. T/Steel = 111'-2". Contractor shall verify the required opening dimensions with the operable partition manufacturer.
10. Provide framing around floor penetrations per Detail 2/S-521.
11. Beam bears on CMU as shown. Ref. details17/S-510 & 10/S-521 for additional information regarding the bearing connection requirements.
12. Typical Elevations (UNO):
    a. T/Steel @ SOD = 113'-7 1/2"
    b. T/Steel @ HC12+2 = 112'-10"
13. Conc. pad per Detail 18/S-501.
14. Roof slope indicated represents nominal roof slope and is provided for reference only. Actual roof slope to be determined based on indicated steel elevations.
15. Chennel to beam top flange conn. per detail 6/S-526

L2 — Indicates span direction of 12" Hollowcore Plank w/ 2" conc. topping

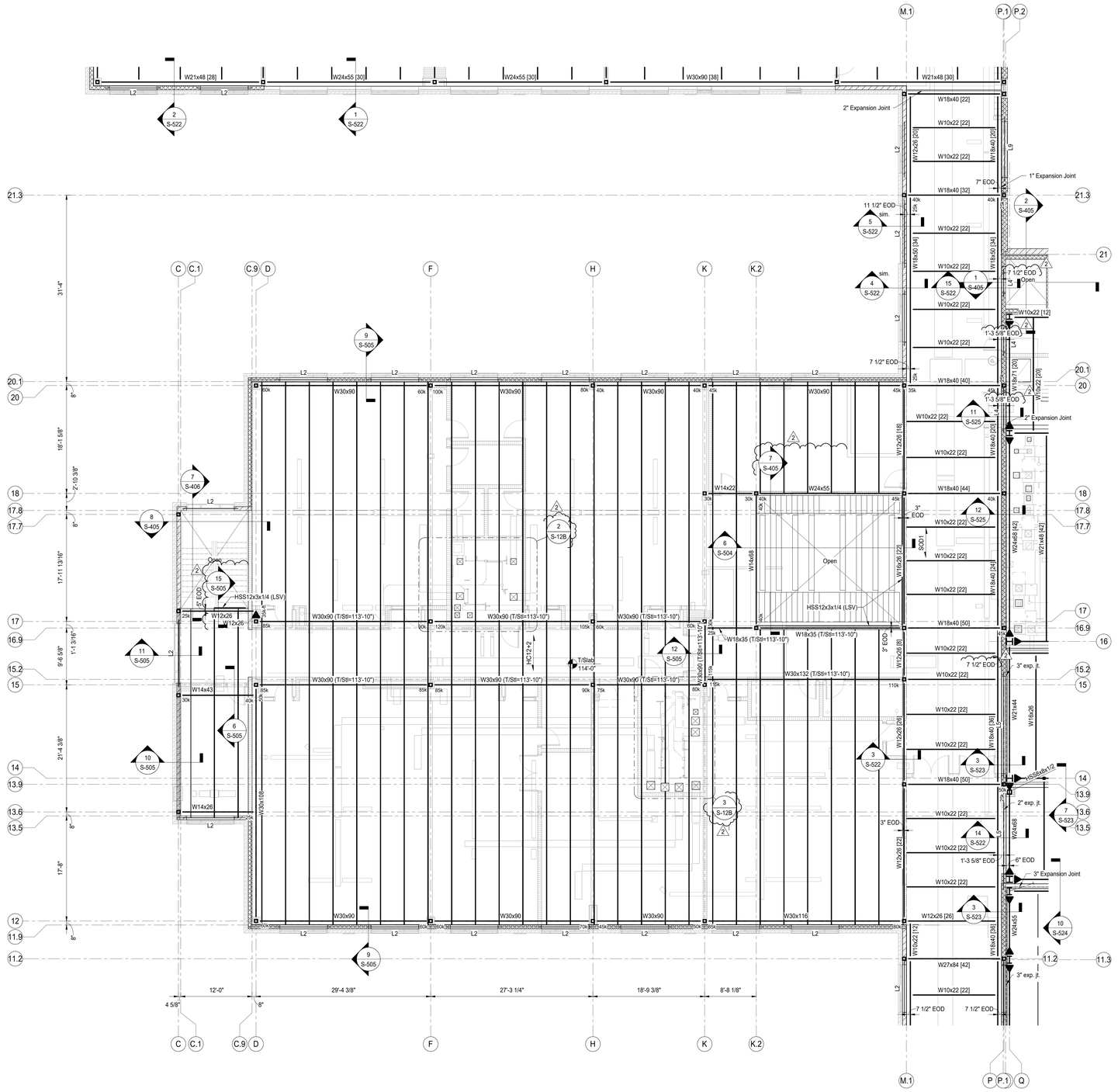
HC12+2



2 Enlarged Plan
Scale: 1/4" = 1'-0"



3 Enlarged Plan
Scale: 1/4" = 1'-0"



1 Second Floor Framing Plan - Unit B
Scale: 1/8" = 1'-0"

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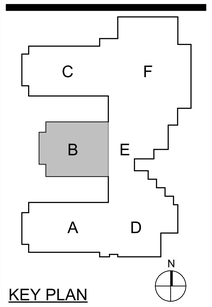

KEY PLAN

Construction Documents

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

SECOND FLOOR FRAMING PLAN - UNIT B

S-12B

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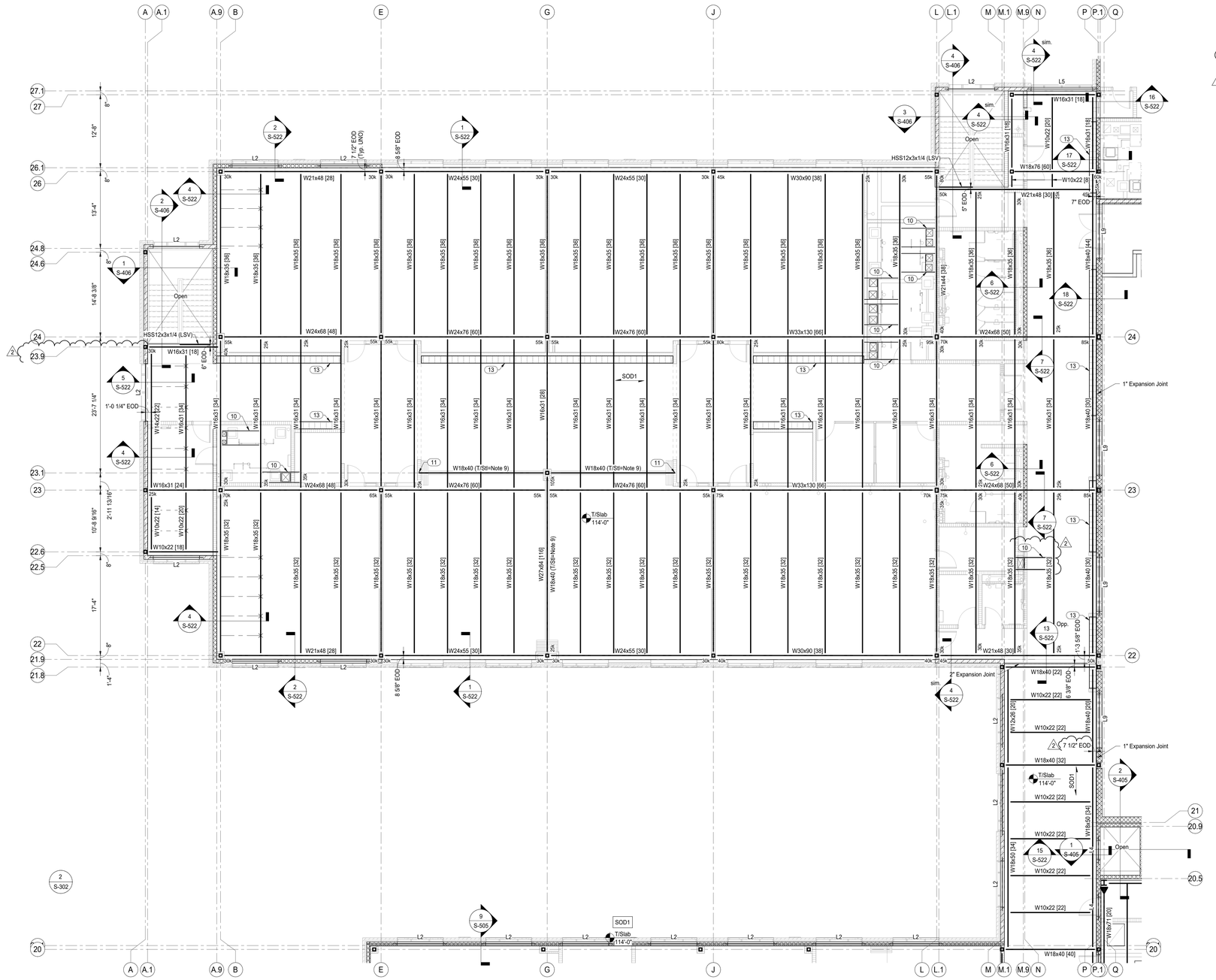

1 Second Floor Framing Plan - Unit C
Scale: 1/8" = 1'-0"

Plan Notes:

1. Reference elevation = 100'-0" (639.39' USGS).
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
3. All walls shall be laid out from the arch. drawings.
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5. Coord. exact size & location of all mech. openings in floor slabs, roof decks & walls w/ the Mech. Contractor. Location & size of all duct openings, louvers, etc. shall be verified prior to construction.
6. Provide channel frames at all supported slab openings and angle frames at all roof openings per typical details.
7. Horiz. & diag. bridging for steel joists shall be designed, located & provided by joist supplier in accordance w/ 'SJI' requirements. All diag. bridging shall be coordinated w/ mech. plans to avoid conflicts w/ duct runs.
8. Provide framing around roof penetrations per Detail 1/S-521.
9. T/Steel = 111'-2". Contractor shall verify the required opening dimensions with the operable partition manufacturer.
10. Provide framing around floor penetrations per Detail 2/S-521.
11. Beam bears on CMU as shown. Ref. details17/S-510 & 10/S-521 for additional information regarding the bearing connection requirements.
12. Typical Elevations (UNO):
    a. T/Steel @ SOD = 113'-7 1/2"
    b. T/Steel @ HC12•2 = 112'-10"
13. Conc. pad per Detail 18/S-501.
14. Roof slope indicated represents nominal roof slope and is provided for reference only. Actual roof slope to be determined based on indicated steel elevations.
15. Chennel to beam top flange conn. per detail 6/S-526

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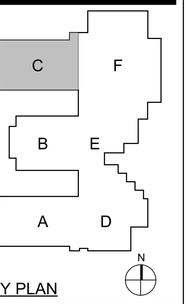

KEY PLAN

Construction Documents

TROY A. FANCHER REGISTERED No. PE10100188 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

SECOND FLOOR FRAMING PLAN - UNIT C

S-12C

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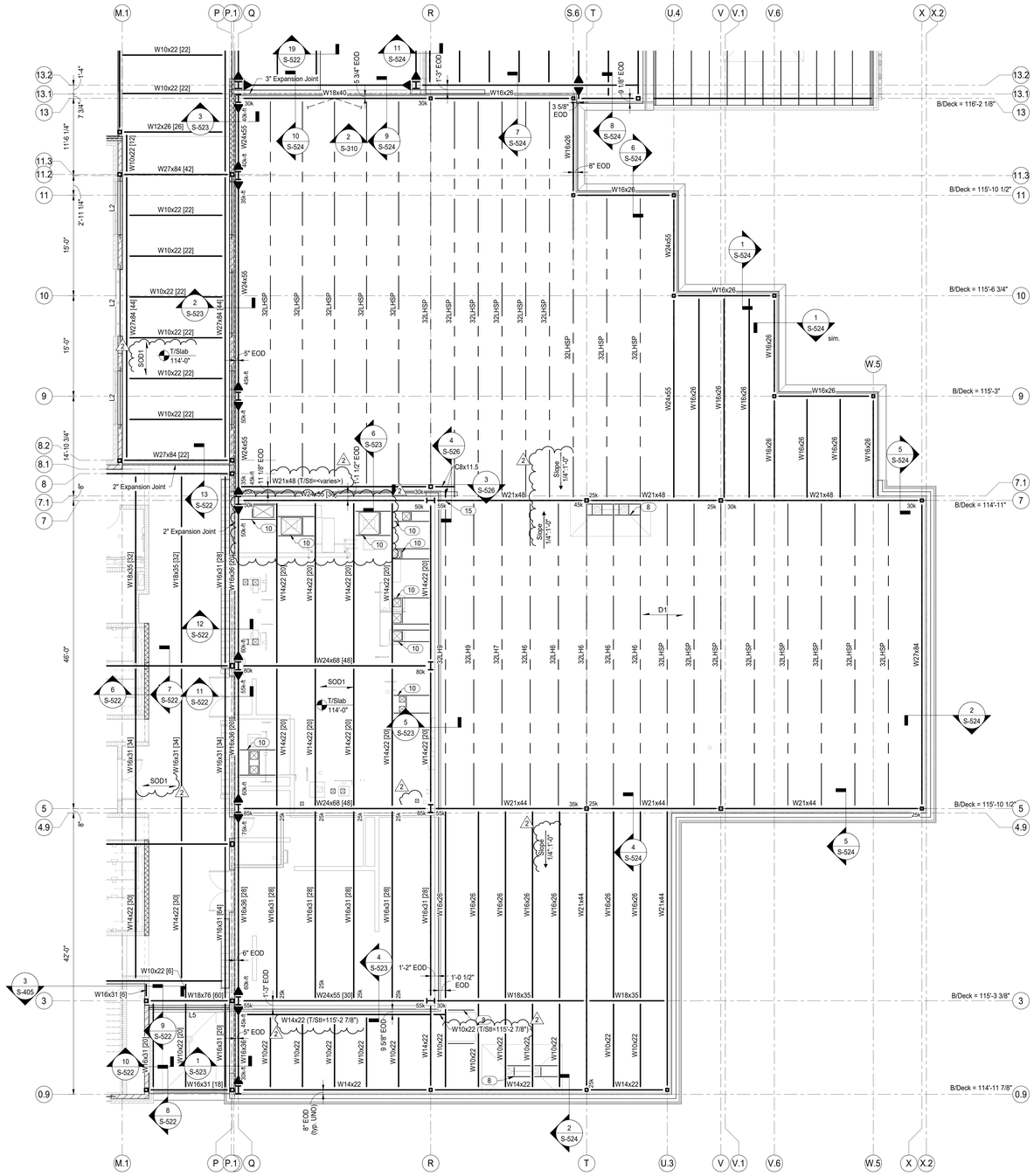

1 Second Floor Framing Plan - Unit D
Scale: 1/8" = 1'-0"

Plan Notes:

1. Reference elevation = 100'-0" (639.39' USGS).
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
3. All walls shall be laid out from the arch. drawings.
4. All contractor's shall coord. their work w/ all disciplines to avoid conflicts & identify all req'd materials and work.
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13. Conc. pad per Detail 18/S-501.
14. Roof slope indicated represents nominal roof slope and is provided for reference only. Actual roof slope to be determined based on indicated steel elevations.
15. Chennel to beam top flange conn. per detail 6/S-526

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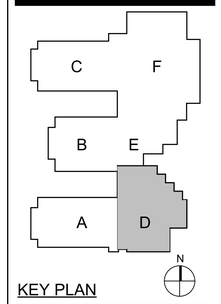

KEY PLAN

Construction Documents

TROY A. RADER REGISTERED No. PE10100188 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

SECOND FLOOR FRAMING PLAN - UNIT D

S-12D

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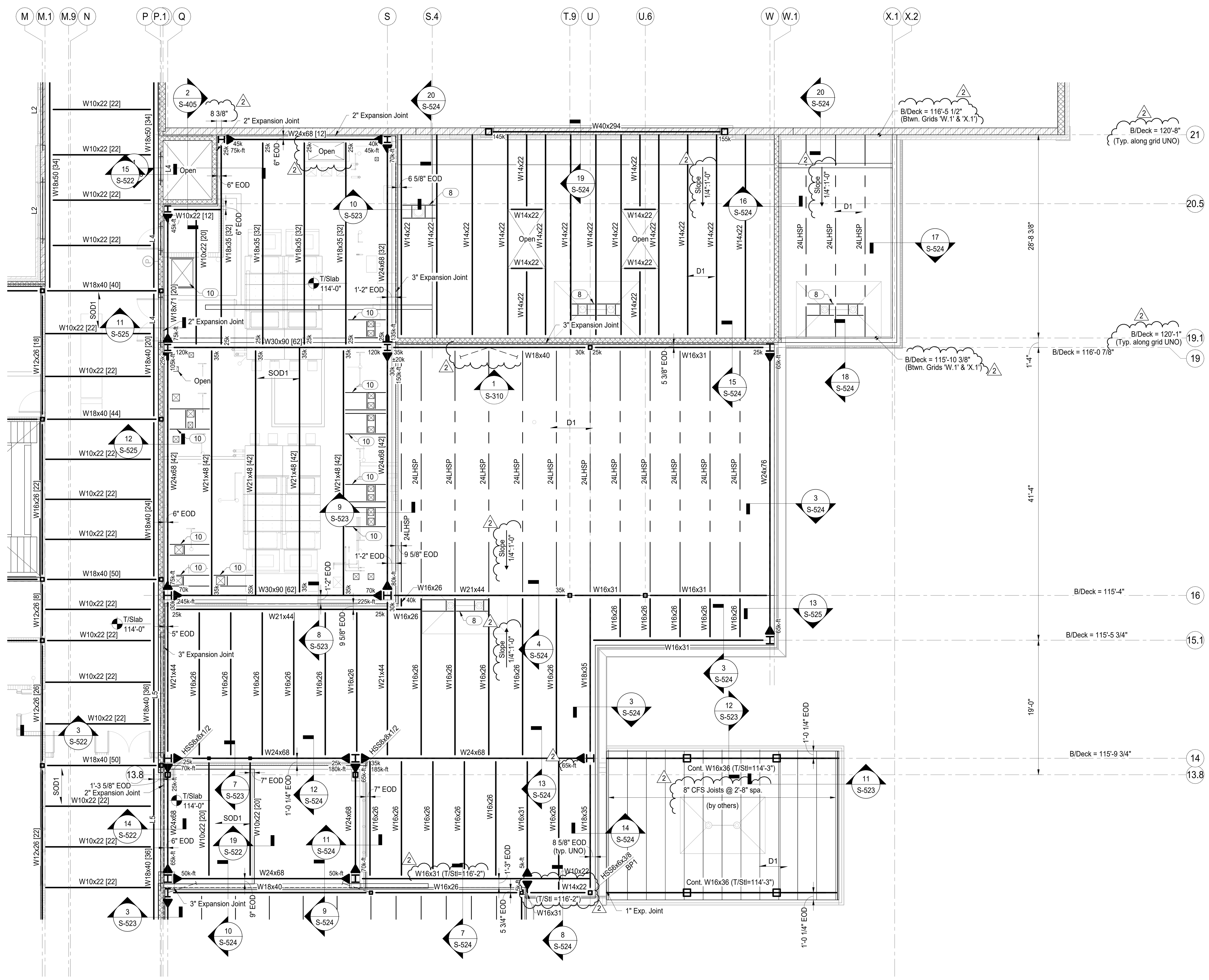

1 Second Floor Framing Plan - Unit E
Scale: 1/8" = 1'-0"

Plan Notes:
1. Reference elevation = 100'-0" (639.39' USGS).
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
3. All walls shall be laid out from the arch. drawings.
4. All contractor's shall coord. their work w/ all disciplines to avoid conflicts & identify all req'd materials and work.
5. Coord. exact size & location of all mech. openings in floor slabs, roof decks & walls w/ the Mech. Contractor. Location & size of all duct openings, louvers, etc. shall be verified prior to construction.
6. Provide channel frames at all supported slab openings and angle frames at all roof openings per typical details.
7. Horiz. & diag. bridging for steel joists shall be designed, located & provided by joist supplier in accordance w/ 'SJI' requirements. All diag. bridging shall be coordinated w/ mech. plans to avoid conflicts w/ duct runs.
8. Provide framing around roof penetrations per Detail 1/S-521.
9. T/Steel = 111'-2". Contractor shall verify the required opening dimensions with the operable partition manufacturer.
10. Provide framing around floor penetrations per Detail 2/S-521.
11. Beam bears on CMU as shown. Ref. details 17/S-510 & 10/S-521 for additional information regarding the bearing connection requirements.
12. Typical Elevations (UNO):
    a. T/Steel @ SOD = 113'-7 1/2"
    b. T/Steel @ HC12+2 = 112'-10"
13. Conc. pad per Detail 18/S-501.
14. Roof slope indicated represents nominal roof slope and is provided for reference only. Actual roof slope to be determined based on indicated steel elevations.
15. Chennel to beam top flange conn. per detail 6/S-526

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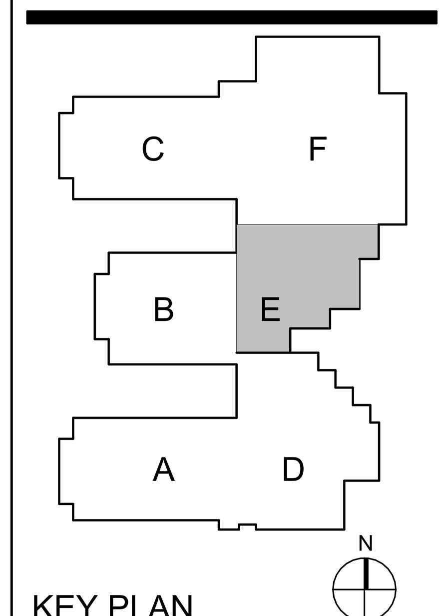

KEY PLAN

Construction Documents

TROY A. MADLEM REGISTERED No. PE10100188 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LWT
PROJECT NUMBER: 223047.01
PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

SECOND FLOOR FRAMING PLAN - UNIT E

S-12E

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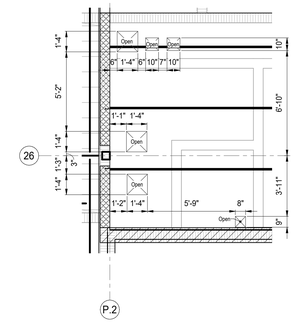
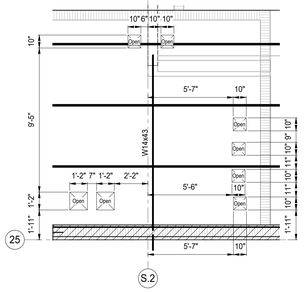
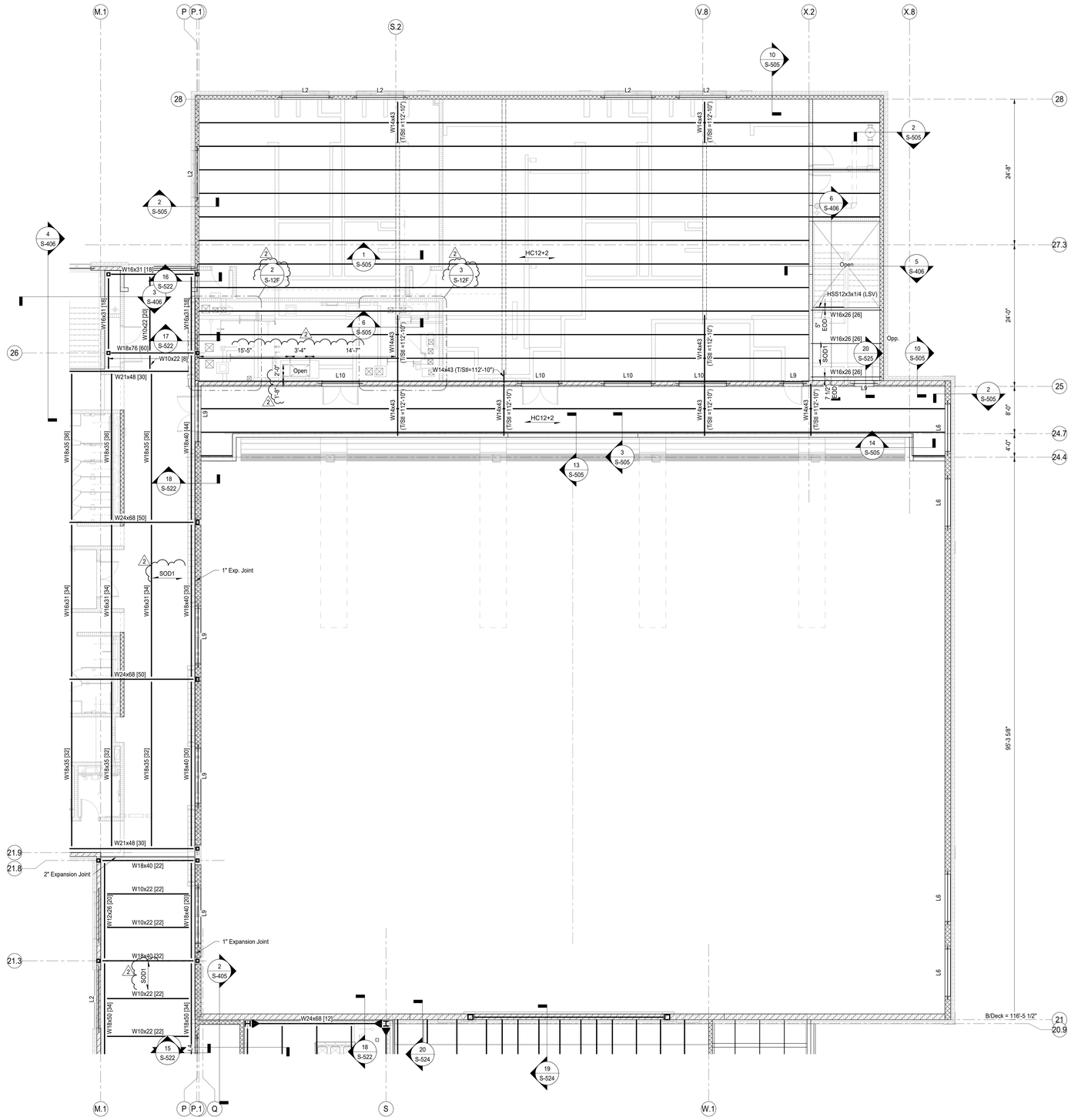


2 Enlarged Plan
Scale: 1/4" = 1'-0"



3 Enlarged Plan
Scale: 1/4" = 1'-0"



1 Second Floor Framing Plan - Unit F
Scale: 1/8" = 1'-0"

Plan Notes:

1. Reference elevation = 100'-0" (639.39' USGS).
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
3. All walls shall be laid out from the arch. drawings.
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5. Coord. exact size & location of all mech. openings in floor slabs, roof decks & walls w/ the Mech. Contractor. Location & size of all duct openings, louvers, etc. shall be verified prior to construction.
6. Provide channel frames at all supported slab openings and angle frames at all roof openings per typical details.
7. Horiz. & diag. bridging for steel joists shall be designed, located & provided by joist supplier in accordance w/ 'SJI' requirements. All diag. bridging shall be coordinated w/ mech. plans to avoid conflicts w/ duct runs.
8. Provide framing around roof penetrations per Detail 1/S-521.
9. T/Steel = 111'-2". Contractor shall verify the required opening dimensions with the operable partition manufacturer.
10. Provide framing around floor penetrations per Detail 2/S-521.
11. Beam bears on CMU as shown. Ref. details17/S-510 & 10/S-521 for additional information regarding the bearing connection requirements.
12. Typical Elevations (UNO):
    a. T/Steel @ SOD = 113'-7 1/2"
    b. T/Steel @ HC12+2 = 112'-10"
13. Conc. pad per Detail 18/S-501.
14. Roof slope indicated represents nominal roof slope and is provided for reference only. Actual roof slope to be determined based on indicated steel elevations.
15. Chennel to beam top flange conn. per detail 6/S-526

Legend:

HC12+2 — Indicates span direction of 12" Hollowcore Plank w/ 2" conc. topping

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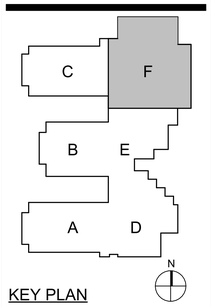

KEY PLAN

Construction Documents

TROY A. MADDEN REGISTERED No. PE10100188 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

SECOND FLOOR FRAMING PLAN - UNIT F

S-12F

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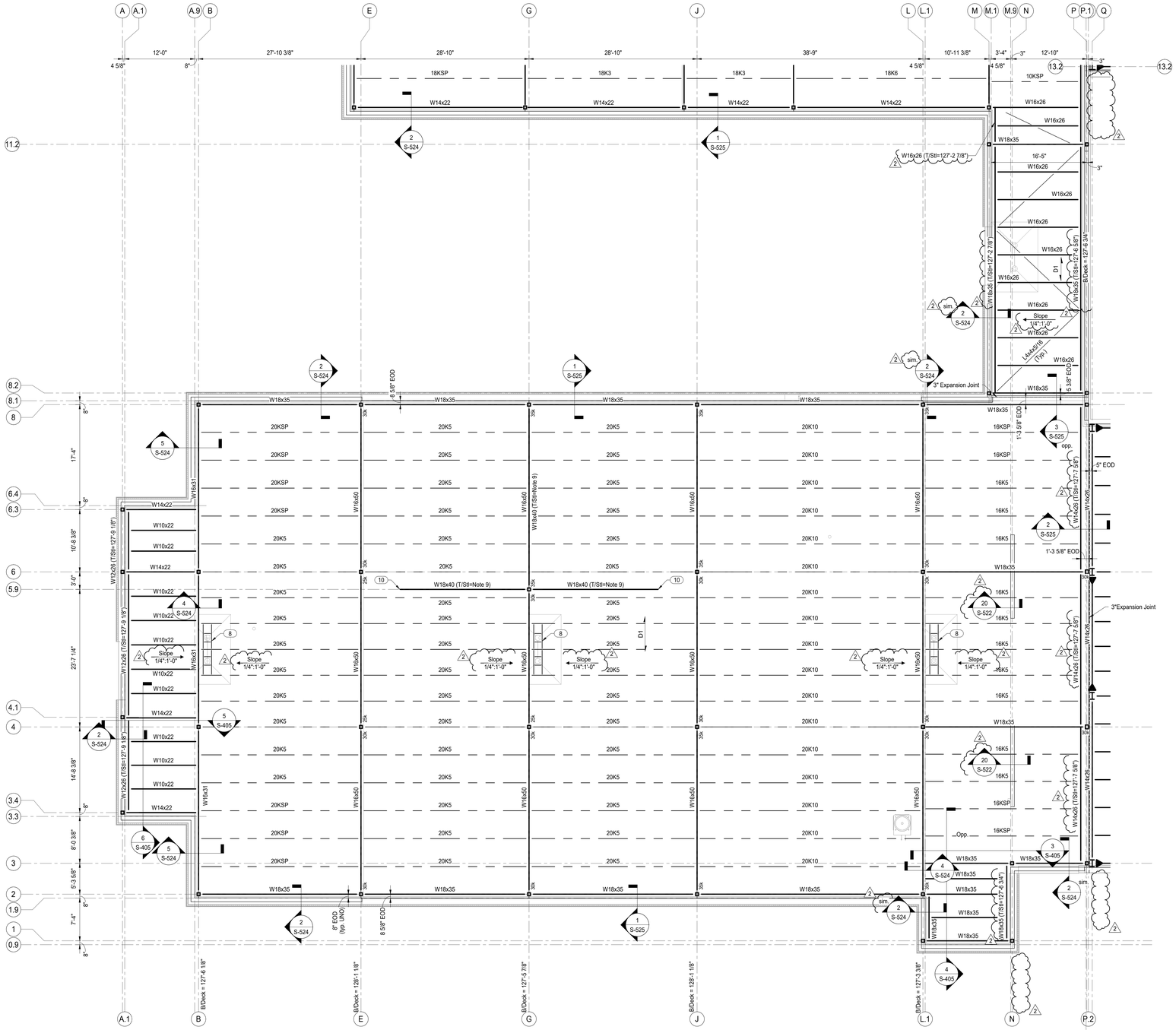

1 Roof Framing Plan - Unit A
Scale: 1/8" = 1'-0"

Plan Notes:

1. Reference elevation = 100'-0" (639.39' USGS).
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
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8. Provide framing around roof penetrations per Detail 1/S-521.
9. T/Steel = 125'-2". Contractor shall verify the required opening dimensions with the operable partition manufacturer.
10. Beam bears on CMU. Ref. detail 10/S-521 and 17/S-510 for additional information regarding the bearing connection requirements.
11. Roof curb support (ref. detail 19/S-521).
12. Roof slope indicated represents nominal roof slope and is provided for reference only. Actual roof slope to be determined based on indicated steel elevations.

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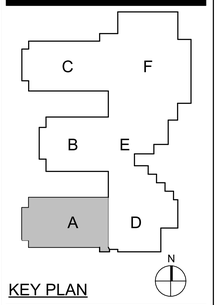

KEY PLAN

Construction Documents

TROY A. MADDEN REGISTERED No. PE10100188 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

ROOF FRAMING PLAN - UNIT A

S-13A

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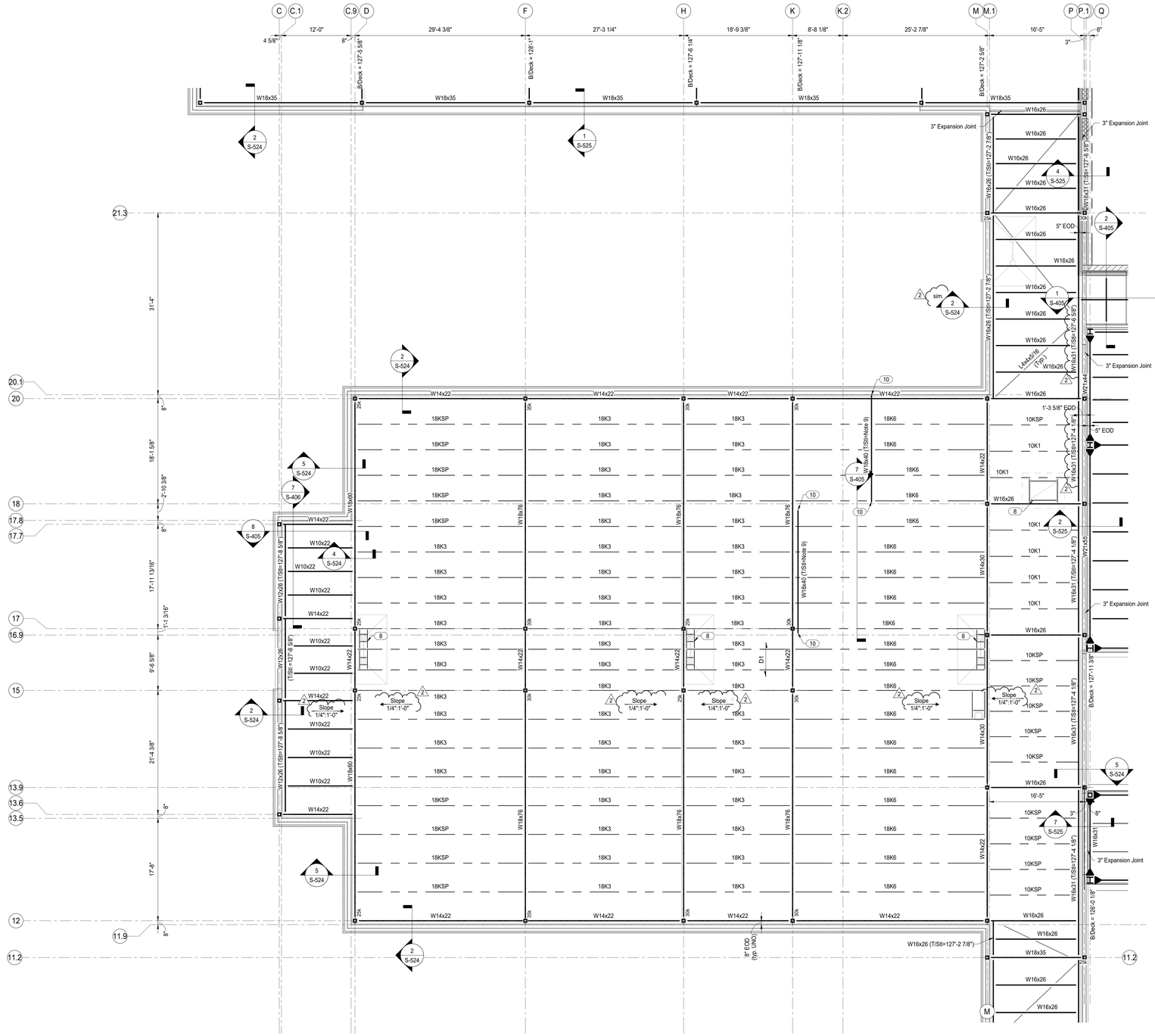

1 Roof Framing Plan - Unit B
Scale: 1/8" = 1'-0"

Plan Notes:

1. Reference elevation = 100'-0" (639.39' USGS).
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
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6. Provide channel frames at all supported slab openings and angle frames at all roof openings per typical details.
7. Horiz. & diag. bridging for steel joists shall be designed, located & provided by joist supplier in accordance w/ 'SJI' requirements. All diag. bridging shall be coordinated w/ mech. plans to avoid conflicts w/ duct runs.
8. Provide framing around roof penetrations per Detail 1/S-521.
9. T/Steel = 125'-2". Contractor shall verify the required opening dimensions with the operable partition manufacturer.
10. Beam bears on CMU. Ref. detail 10/S-521 and 17/S-510 for additional information regarding the bearing connection requirements.
11. Roof curb support (ref. detail 19/S-521).
12. Roof slope indicated represents nominal roof slope and is provided for reference only. Actual roof slope to be determined based on indicated steel elevations.

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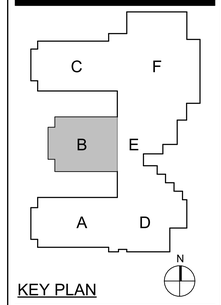

KEY PLAN

Construction Documents

TROY M. CLEM REGISTERED No. PE10100188 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

ROOF FRAMING PLAN - UNIT B

S-13B

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Plan Notes:

1. Reference elevation = 100'-0" (639.39' USGS).
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
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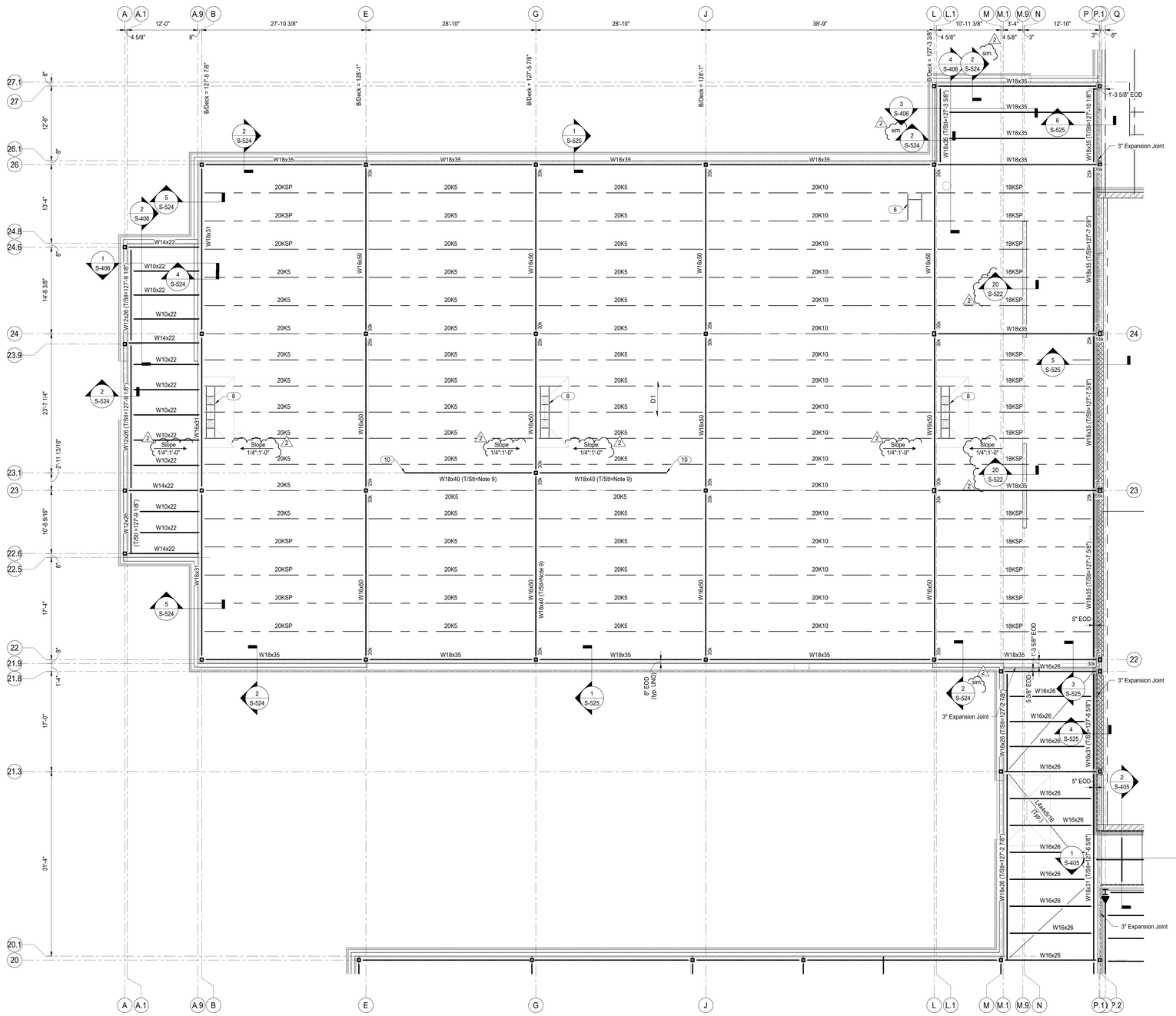
10. Beam bears on CMU. Ref. detail 10/S-521 and 17/S-510 for additional information regarding the bearing connection requirements.
11. Roof curb support (ref. detail 19/S-521).
12. Roof slope indicated represents nominal roof slope and is provided for reference only. Actual roof slope to be determined based on indicated steel elevations.



1 Roof Framing Plan - Unit C
Scale: 1/8" = 1'-0"

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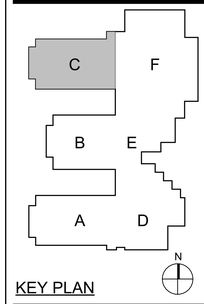


KEY PLAN

Construction Documents

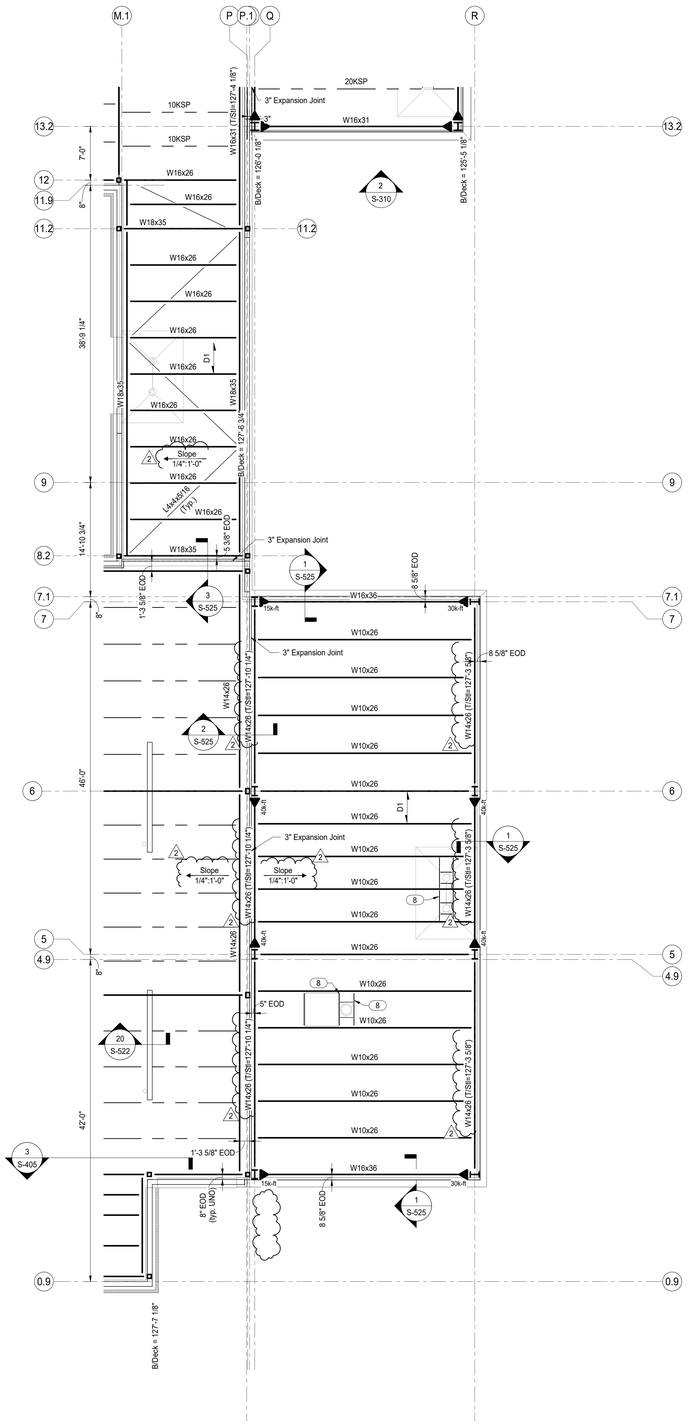
TROY A. MAYLEIN REGISTERED No. PE10100188 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LWT
PROJECT NUMBER: 223047.01
PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

ROOF FRAMING PLAN - UNIT C

S-13C



1 Roof Framing Plan - Unit D
Scale: 1/8" = 1'-0"

Plan Notes:

1. Reference elevation = 100'-0" (639.39' USGS).
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
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11. Roof curb support (ref. detail 19/S-521).
12. Roof slope indicated represents nominal roof slope and is provided for reference only. Actual roof slope to be determined based on indicated steel elevations.

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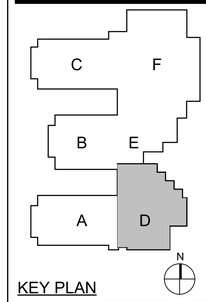

KEY PLAN

Construction Documents

TROY A. HAZELEY REGISTERED No. PE10100188 STATE OF IND.IANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

ROOF FRAMING PLAN - UNIT D

S-13D

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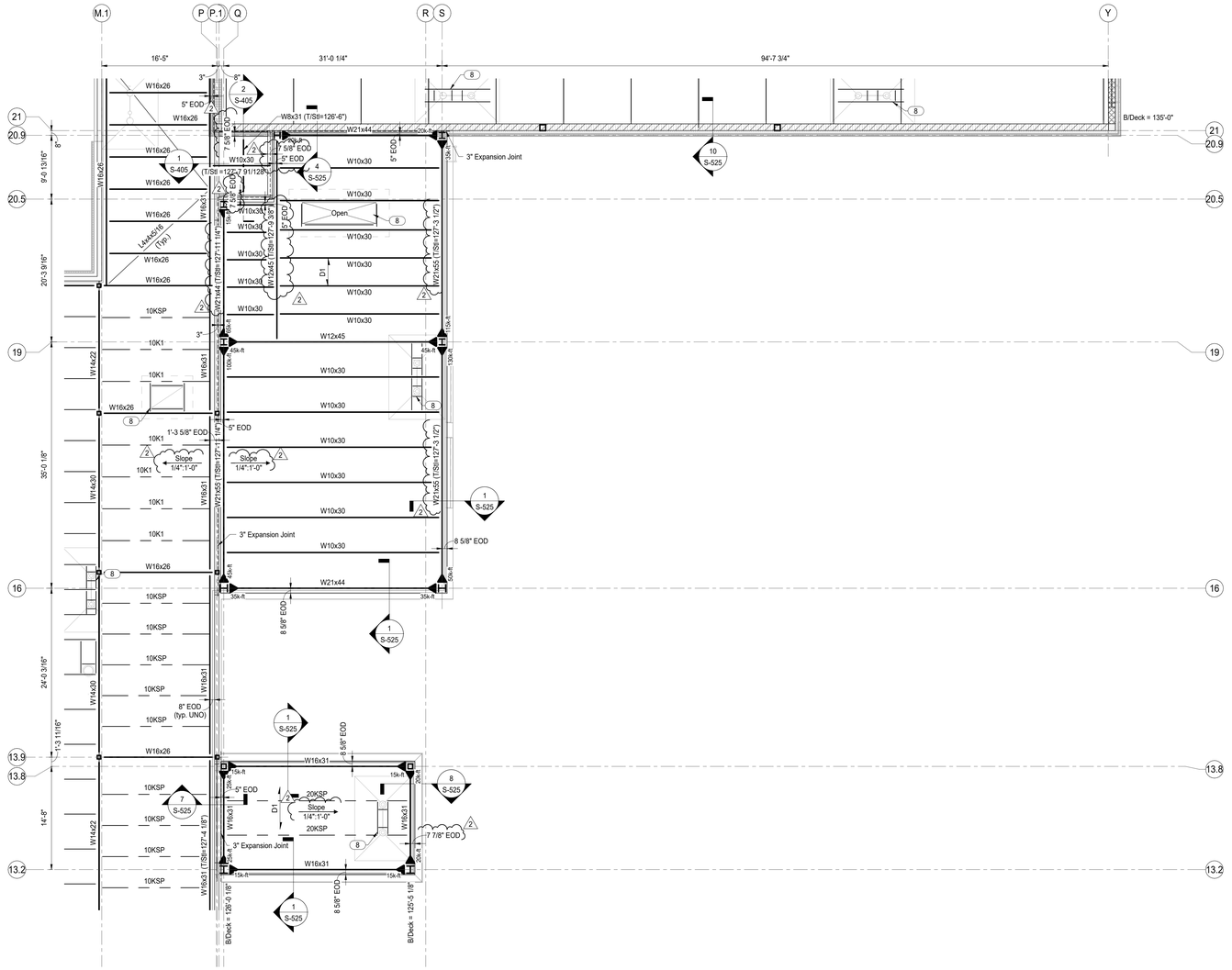

1 Roof Framing Plan - Unit E
Scale: 1/8" = 1'-0"

Plan Notes:

1. Reference elevation = 100'-0" (639.39' USGS).
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11. Roof curb support (ref. detail 19/S-521).
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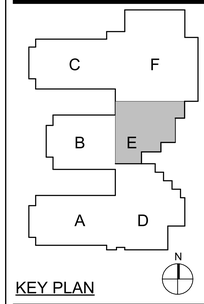

KEY PLAN

Construction Documents

TROY A. MAYHEW REGISTERED No. PE10100188 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

ROOF FRAMING PLAN - UNIT E

S-13E

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Plan Notes:

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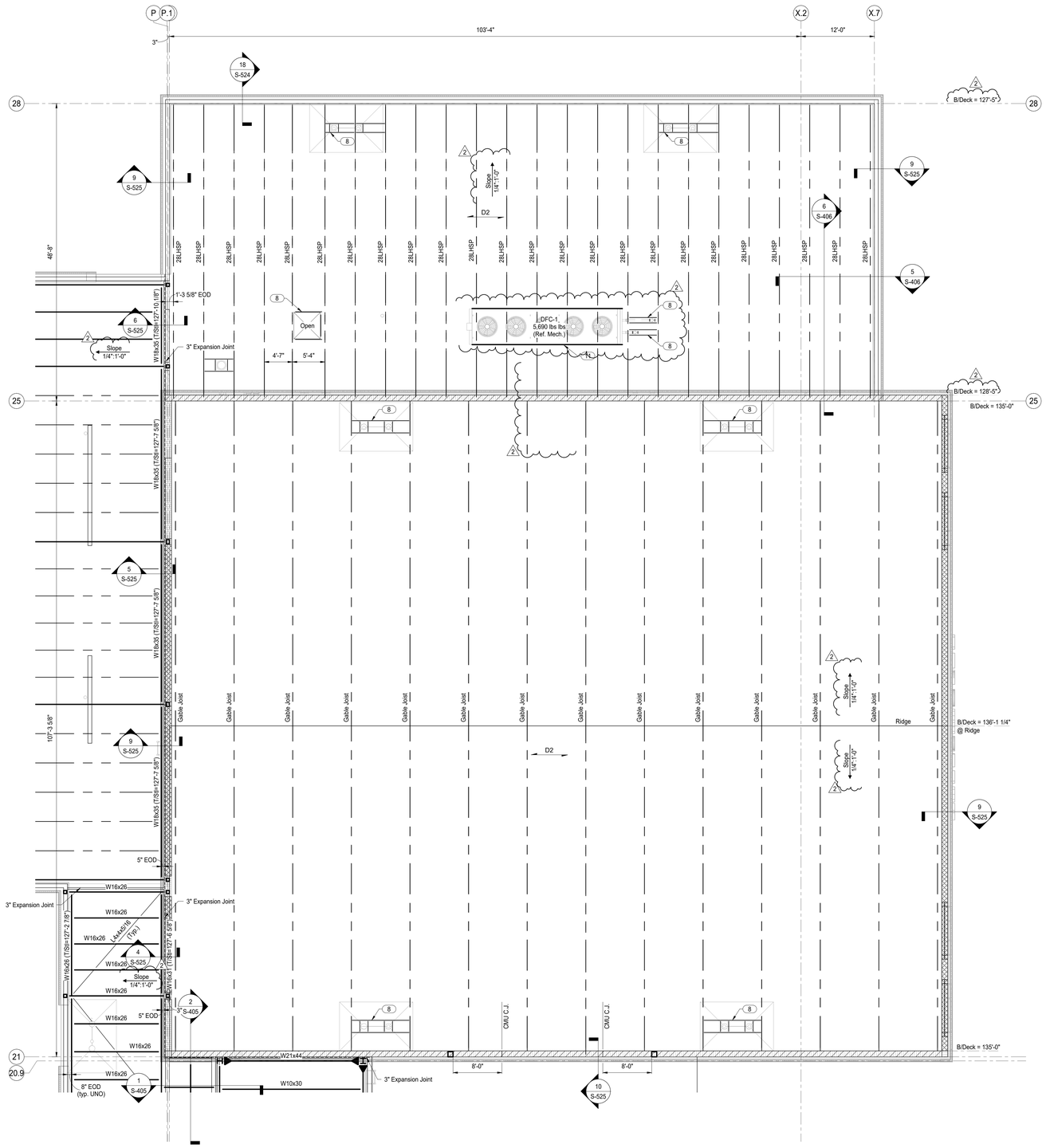
10. Beam bears on CMU. Ref. detail 10/S-521 and 17/S-510 for additional information regarding the bearing connection requirements.
11. Roof curb support (ref. detail 19/S-521).
12. Roof slope indicated represents nominal roof slope and is provided for reference only. Actual roof slope to be determined based on indicated steel elevations.



1 Roof Framing Plan - Unit F
Scale: 1/8" = 1'-0"

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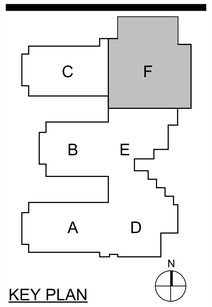

KEY PLAN

Construction Documents

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

ROOF FRAMING PLAN - UNIT F

S-13F

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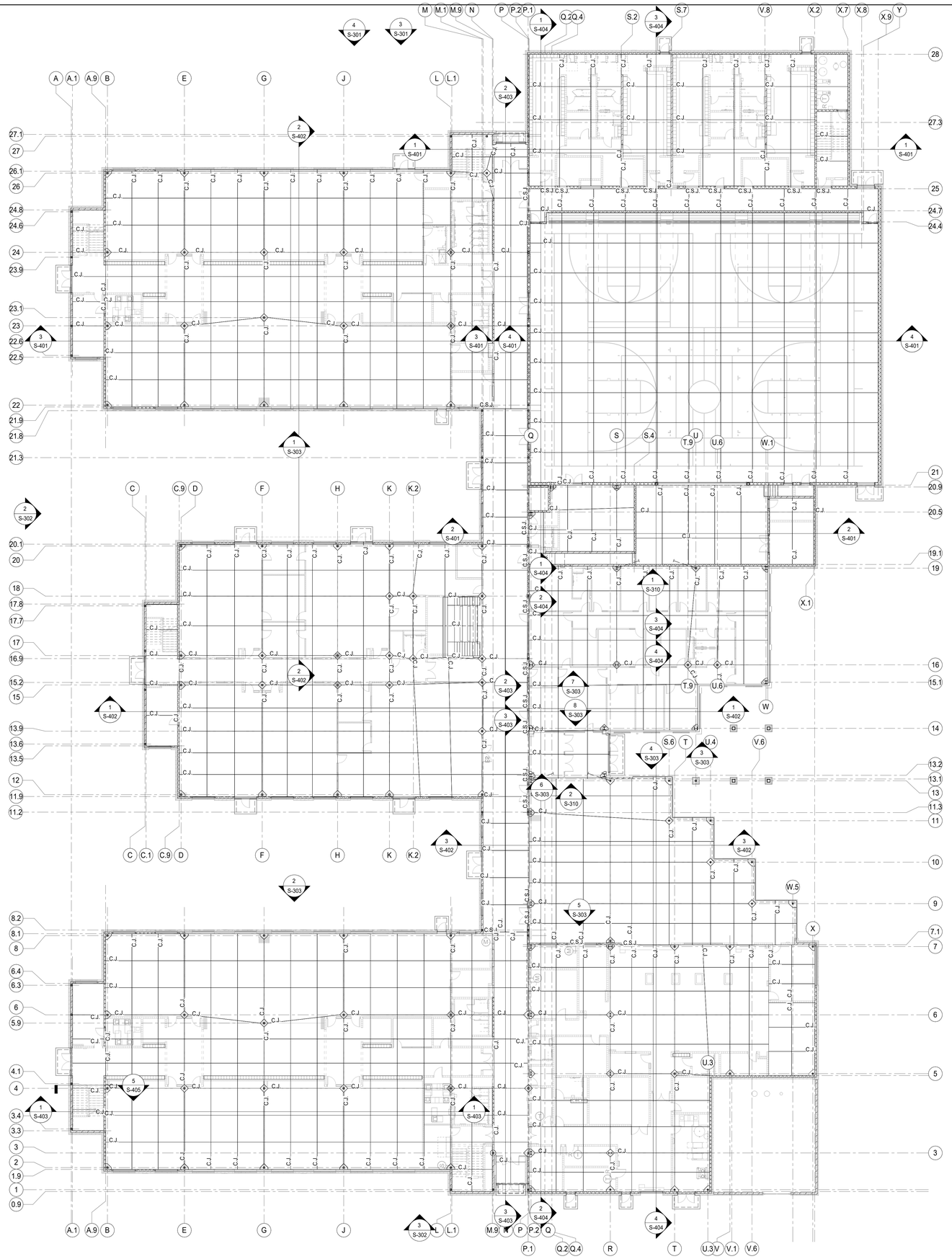
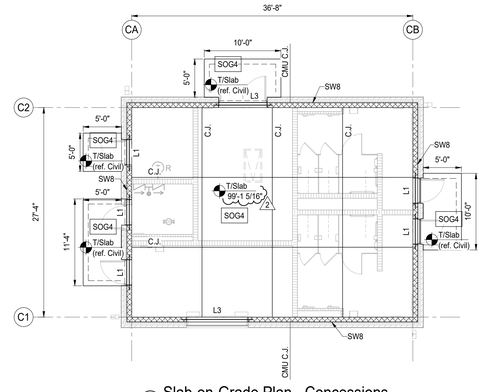


1 Overall Slab-On-Grade plan
Scale: 1/16" = 1'-0"



2 Slab-on-Grade Plan - Concessions
Scale: 1/8" = 1'-0"

Plan Notes:

1. Reference elevation = 100'-0" (639.39' USGS).
2. Refer to Architectural drawings for all dimensions not shown. Contractor shall verify all dimensions & elevations prior to construction and notify Architect & SEOR of any discrepancies.
3. All walls shall be laid out from the arch. drawings.
4. All contractor's shall coord. their work w/ all disciplines to avoid conflicts & identify all req'd materials and work.
5. Coord. exact size & location of all mech. openings in floor slabs, roof decks & walls w/ the Mech. Contractor. Location & size of all duct openings, louvers, etc. shall be verified prior to construction.
6. Typical Elevations (UNO):
   a. T/Slab = 100'-0"
   b. T/Ftg. @ Int. Walls = 99'-4"
   c. T/Ftg. @ Ext. Walls = 98'-0"
   d. T/Ftg. @ Concessions = 97'-1 5/16" (2)
7. Conc. pad per Detail18/S-501 .
8. Match adjacent footing thickness and reinf.
9. Contractor shall fully grout the CMU wall from the door opening edge to the corner of the wall, full height.
10. Locker bench per detail 12/S-502 (2)
11. Reduce transiverse reinf. spa. = 8" (2)
12. Provide top. reinf. to match size and spa. of bott. reinf. @ 1-1/2" clr. from t/ftg.
13. Provide (16) - #6 longitudinal bars top and bott.
14. Pipe pen. per Detail 4/S-501.

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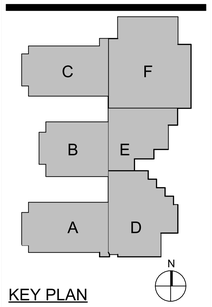

KEY PLAN

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2	Addendum #2	11-11-2025

OVERALL SLAB-ON-GRADE PLAN

S-101

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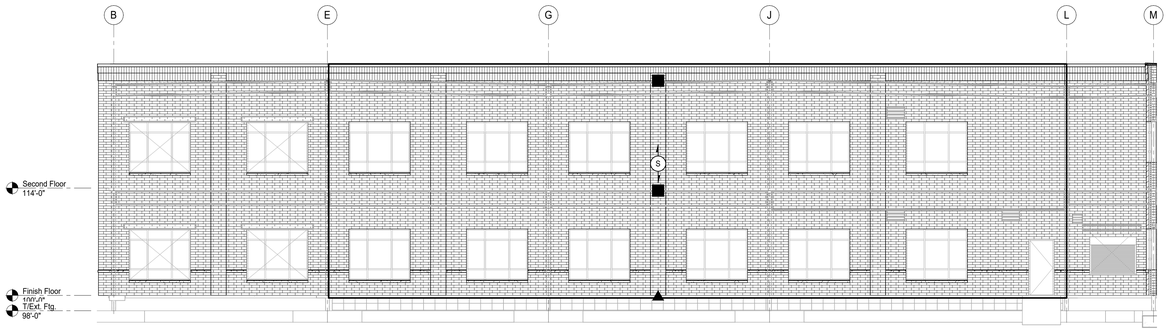
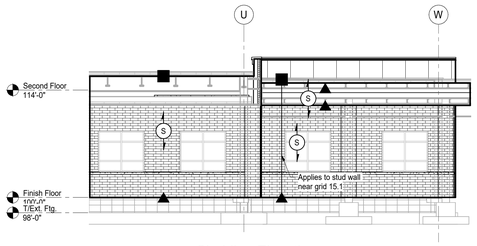


1 Cladding Elevation
Scale: 1/8" = 1'-0"



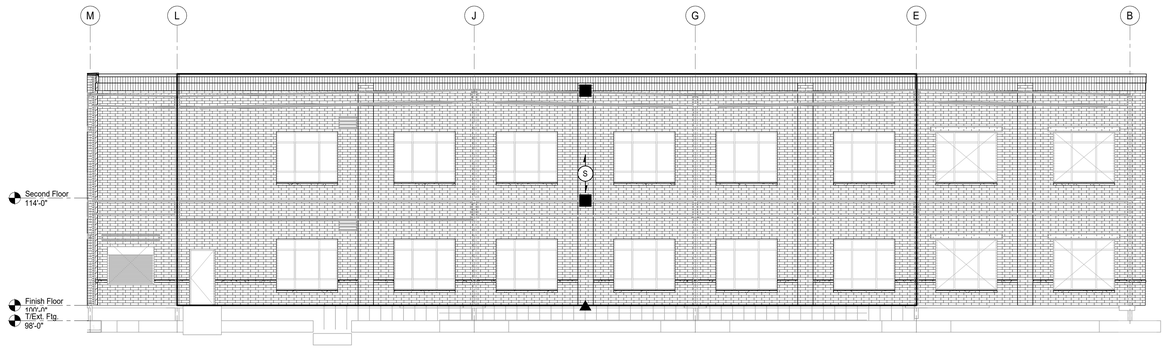
3 Cladding Elevation
Scale: 1/8" = 1'-0"

Cladding Backup Criteria Legend:

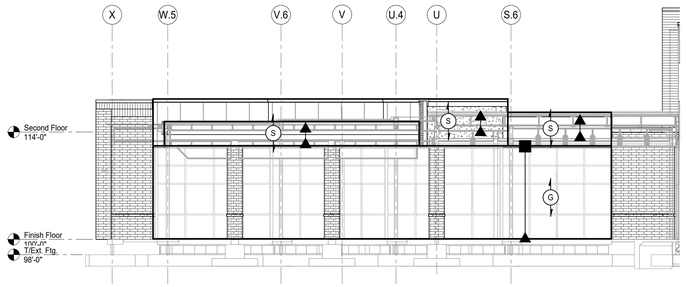
- ▲ Dead load and lateral connection to primary structure, cladding backup or other cladding system. Dead load connection design by Contractor, including any additional misc. steel required but not shown on structural plans.
- ■ Lateral tie-back only accommodates structural deflections indicated on elevations. Lateral connection design by Contractor.
- ○ Indicates direction of span for cladding & cladding backup for wind and seismic loads. See sheet S001 and specifications for design loads and performance criteria.
- (G) Glass/glazing/curtain wall/store front cladding system (performance specified). See specifications for additional performance design criteria & sheet S001 for loading criteria. Connections to structure must accommodate indicated movements of the structure.
- (S) Light gauge metal stud cladding backup system. See specifications for additional performance design criteria & sheet S001 for load criteria. Connections to structure must be able to accommodate indicated movements of the structure.
- $\triangle_v$ Indicates the amount of vertical deflection of the primary or secondary structure to be accommodated by the cladding system and its attachments.
- $\triangle_h$ Indicates the amount of horizontal out-of-plane deflection to be accommodated on the cladding system and its attachments

Cladding & Cladding Backup Criteria Notes:

1. This drawing indicates the support conditions and provides design criteria for performance specified cladding components and cladding backup systems.
2. Cladding Contractor shall engineer, furnish & install any misc. steel and embeds that are required to support their system.
3. All cladding and cladding component connections to the structural system must accomodate building movements indicated on this drawing.
4. Each Cladding Engineer must coordinate reactions on their system from other cladding systems.
5. See loading diagrams for wind pressure design parameters.
6. 42% of ultimate level design pressure may be used for deflection calculations due to wind loads per IBC2012, Table 1604.3, Footnote F.
7. Regions near all discontinuities including corners, soffits & parapets shall be designed for Zone 5 pressures per figure 30.6-1 (ASCE 7-10).
8. Metal stud framing to accept vertical and lateral loads from window systems. Additional cold-formed plates & angles required for window and stone sill support are to be engineered and supplied by cold-formed metal framing supplier (See Arch. plans for additional information).
9. Design metal stud backup with no greater than H/360 (3/8" max.) out-of-plane deflection for non-masonry cladding systems and H/600 out-of-plane deflection for brick cladding. Design metal stud headers over openings with no greater than L/600 (1/4" max.) in-plane vertical deflection.



2 Cladding Elevation
Scale: 1/8" = 1'-0"



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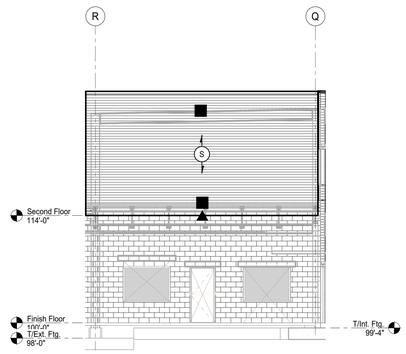

5 Cladding Elevation
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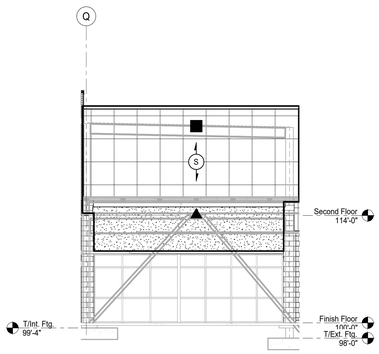

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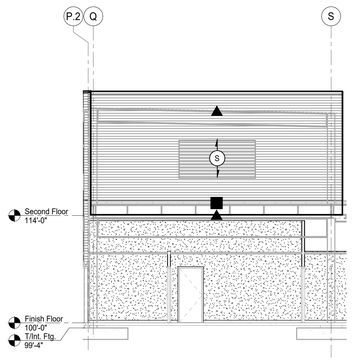

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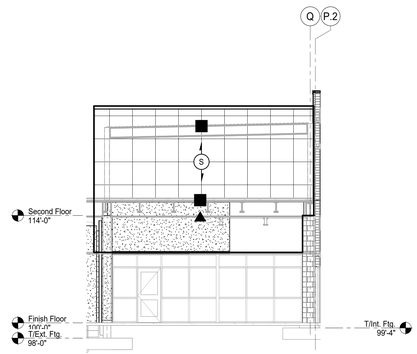

8 Cladding Elevation
Scale: 1/8" = 1'-0"

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TROY A. WALDEN REGISTERED No. PE10100188 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

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CLADDING ELEVATIONS

2 S-303

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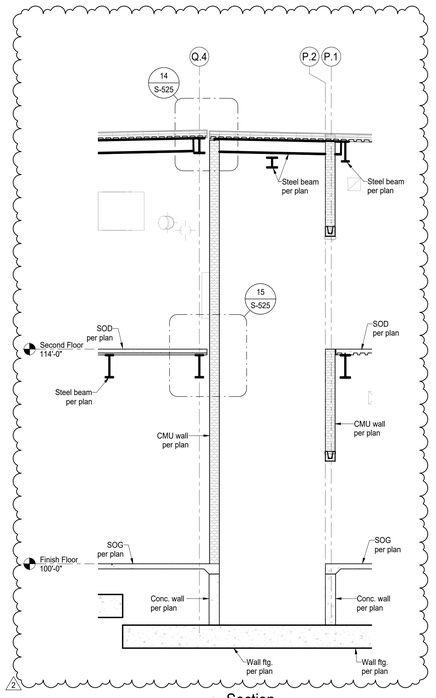

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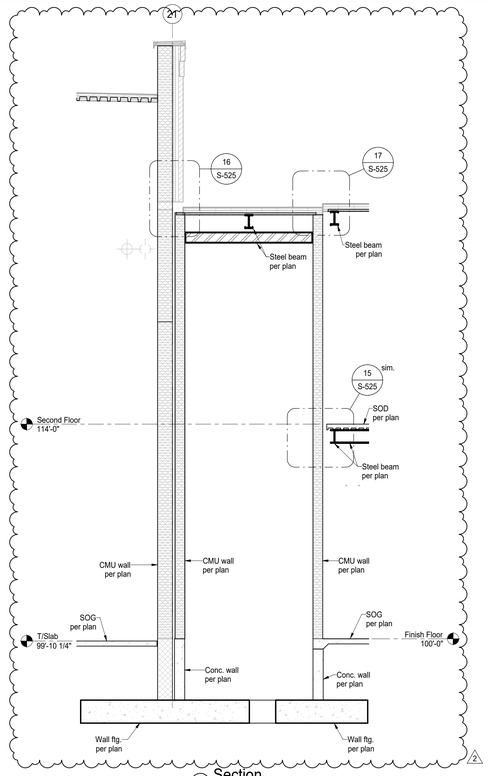

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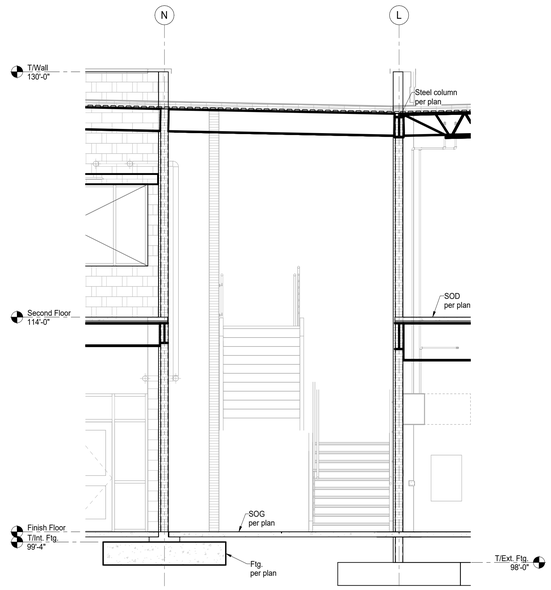

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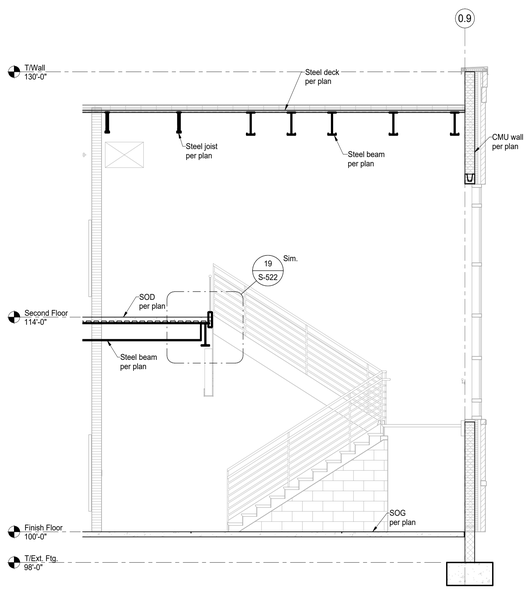

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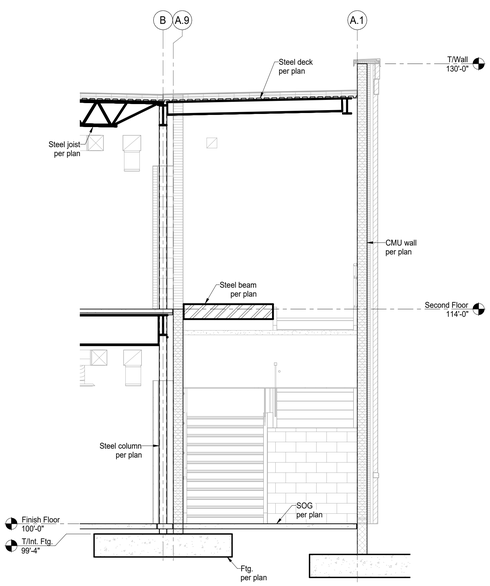

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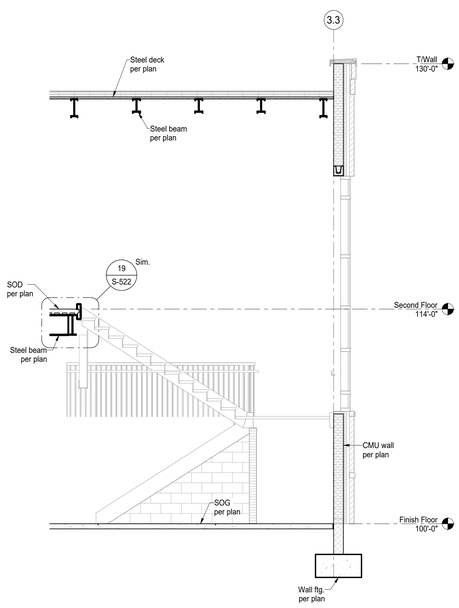

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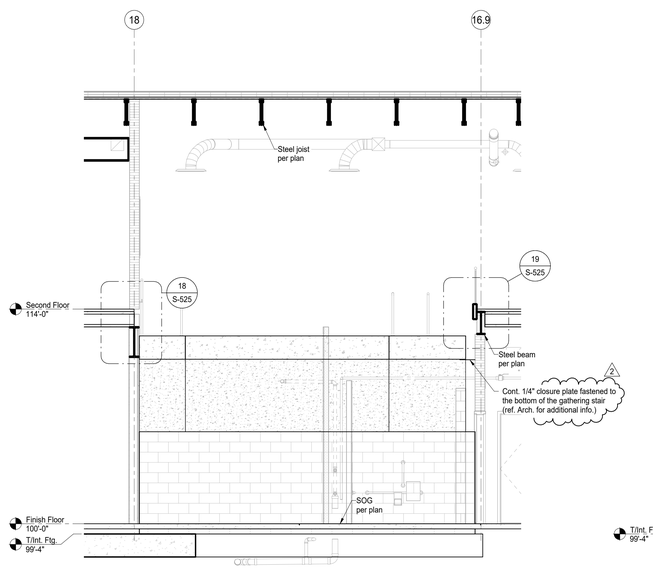

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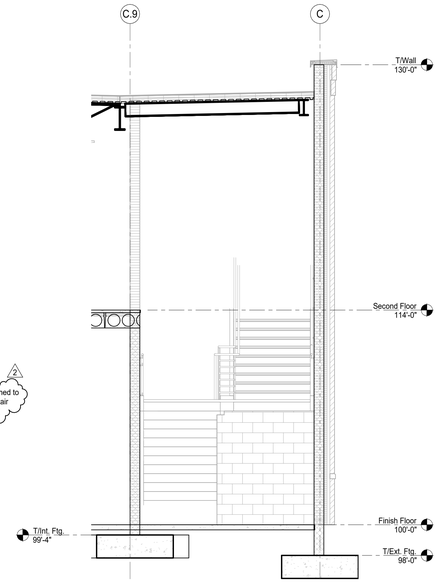

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Scale: 1/4" = 1'-0"

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SECTIONS

S-405

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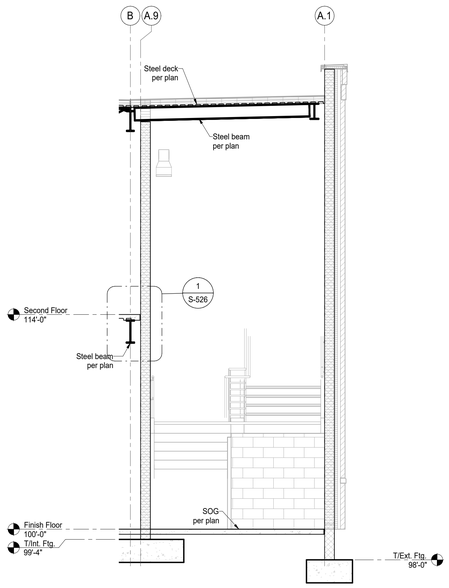

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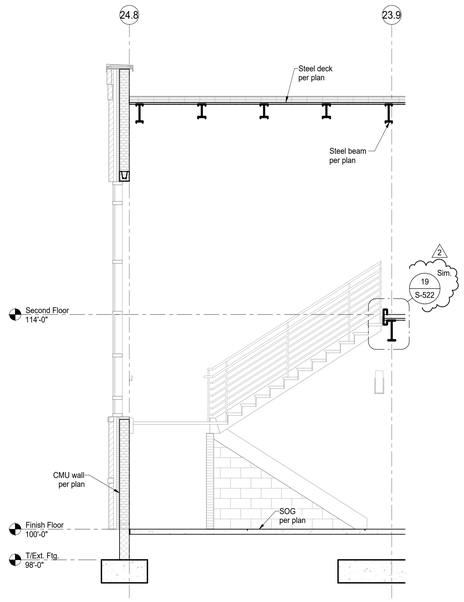

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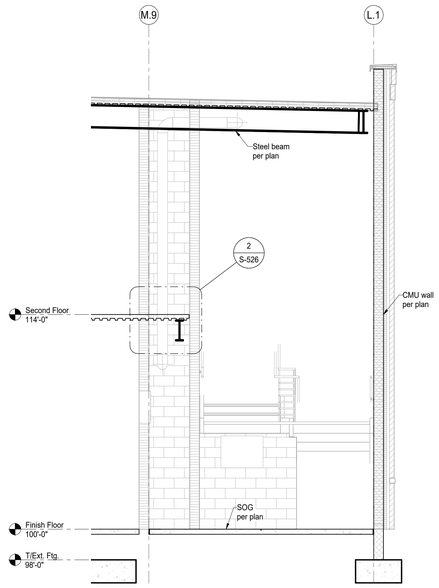

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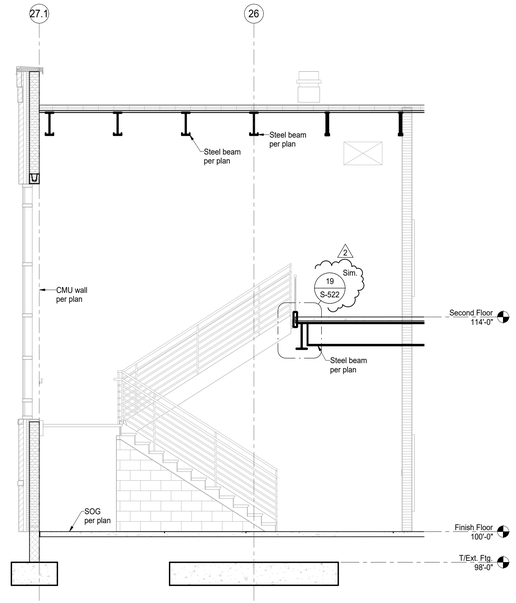

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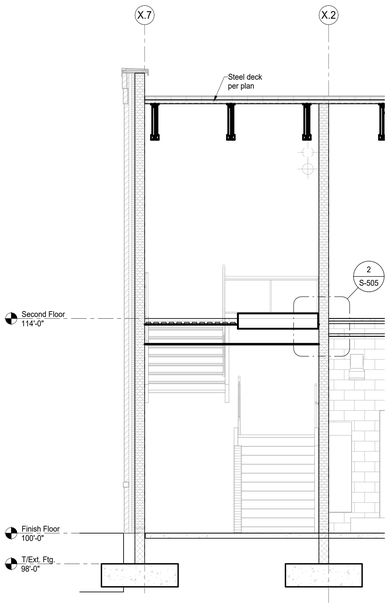

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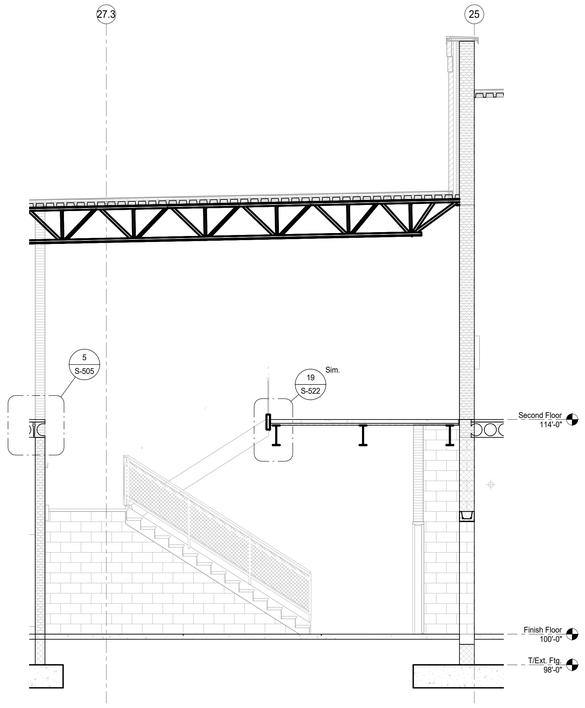

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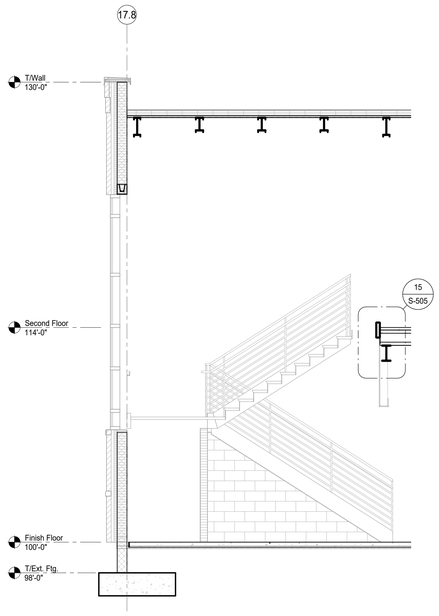

7 Section
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Construction Documents

TROY A. MALDEN
REGISTERED
No. PE10100188
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

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SECTIONS

S-406

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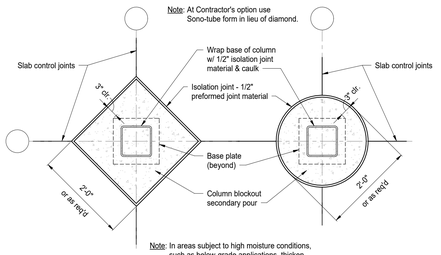

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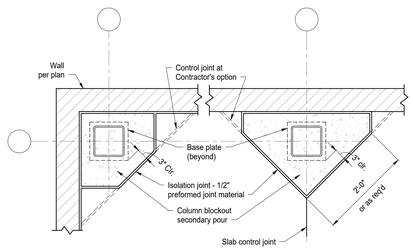


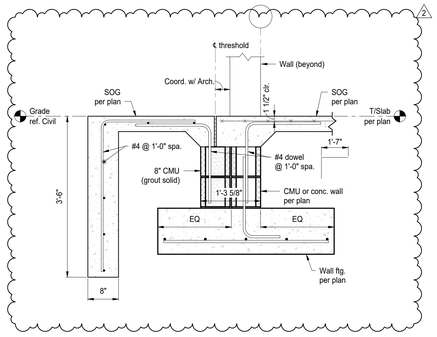
Type "B"

Type "C"

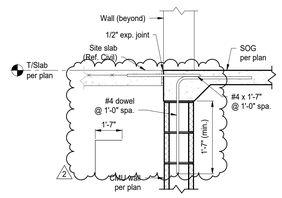
Type "D"

Notes:
1. Tube column shown for illustrative purposes only. Wide flanges, pipes, & other steel shapes are similar.
2. Adjust 2'-0" dim. as req'd to accommodate column base plate and grouting procedures.
3. Where thin-set epoxy terrazzo or vinyl sheet goods are the scheduled floor finish, eliminate the diamond-shaped isolation joint and extend the control joints to the column.
4. Contractor to coord. type of column isolation joint and layout of control joints with Arch. and interior design floor finish plans, particulary in floors scheduled to receive ceramic tile flooring.
5. Provide isolation joint around precast columns similar to that shown around column blockout for steel columns.

1 Typ. Column Isolation Joints
Scale: N.T.S.



2 Typ. Slab @ Man Door
Scale: N.T.S.



3 Typ. Slab @ O.H. Door
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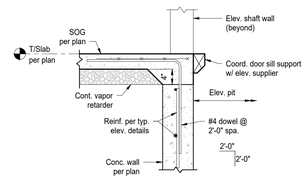
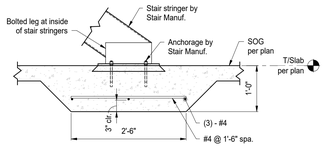
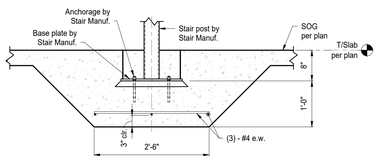


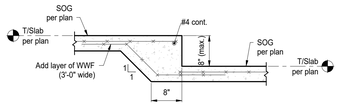
4 Section @ Elev. Door
Scale: N.T.S.

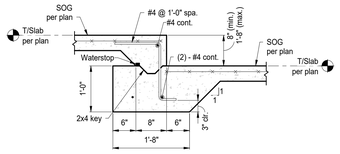




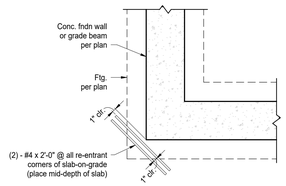
Notes:
1. Contractor shall coord. extents of req'd thickened slabs @ stairs & provide as shown.

5 Typ. Thickened Slab @ Stair Posts/Stringers
Scale: N.T.S.

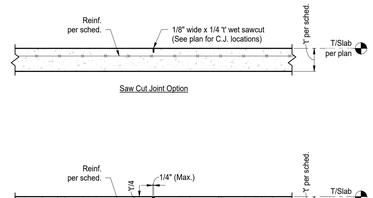




6 Typ. Recessed Slab
Scale: N.T.S.

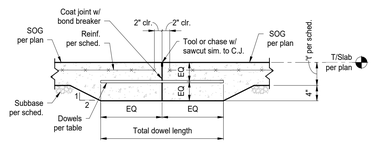


7 Typ. Re-Entrant Corner
Scale: N.T.S.



Notes:
1. Control joints shall be sawn as soon after final trowelling as possible while not causing spalling at the joint or dislodging/loosening of the large aggregate. Sawing shall be completed before slab cooling occurs subsequent to the peak heat of hydration. Joints may be tooled formed during finishing operations instead of sawing at Contractor's option.

8 Typ. Control/Contraction Joint
Scale: N.T.S.

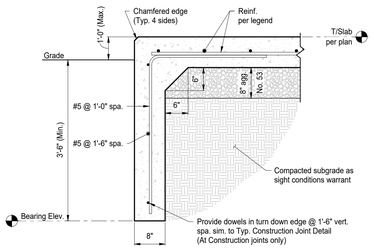


Construction Joint Dowel Table

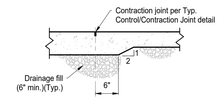
Slab Depth	Dowels			Diamond Plates	
	Size	Total Length	Spacing (Ctr-to-Ctr)	Size	Spacing (Ctr-to-Ctr)
4"	1/2"	1'-4"	2'-0"	1/4"x4 1/2"x4 1/2"	1'-6"
5"	5/8"	1'-8"	1'-6"	1/4"x4 1/2"x4 1/2"	1'-6"
6"	3/4"	2'-0"	1'-0"	1/4"x4 1/2"x4 1/2"	1'-6"

Notes:
1. Construction joints shall be located @ control joint locations.
2. Dowels shall be smooth, greased dowels & free of burrs.

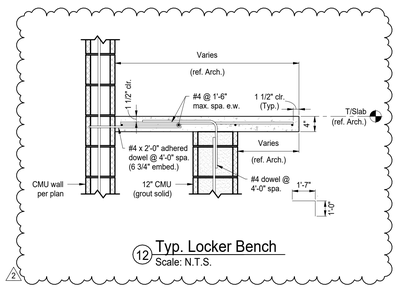
9 Typ. Construction Joint
Scale: N.T.S.



10 Equipment Pad Turn Down Edge
Scale: N.T.S.



11 Typ. Slab Transition in Thickness
Scale: N.T.S.



12 Typ. Locker Bench
Scale: N.T.S.

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Construction Documents

TROY A. MAGNUS REGISTERED No. PE10100188 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

TYP. FOUNDATION/CONC. DETAILS

S-502

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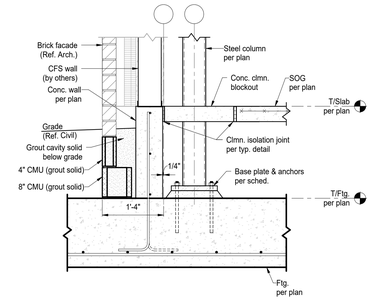

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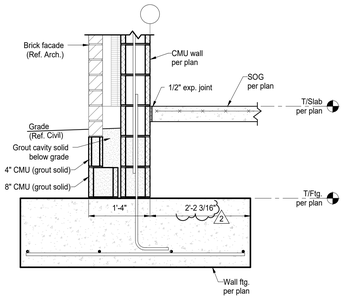
Scale: 3/4" = 1'-0"



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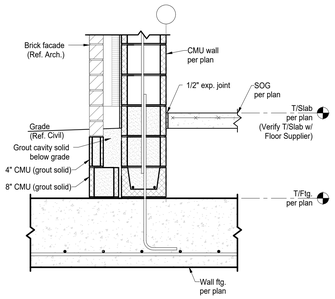

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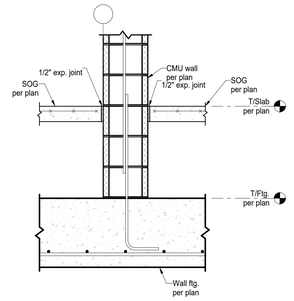

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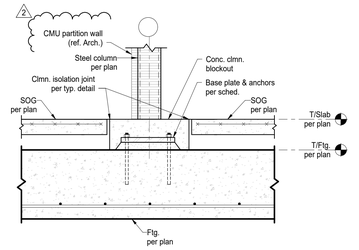

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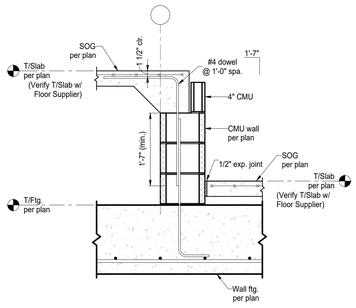

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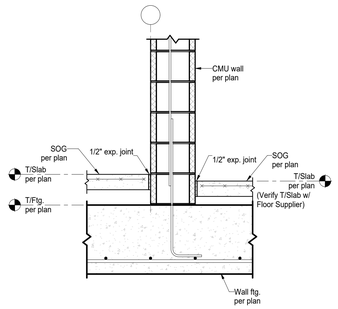

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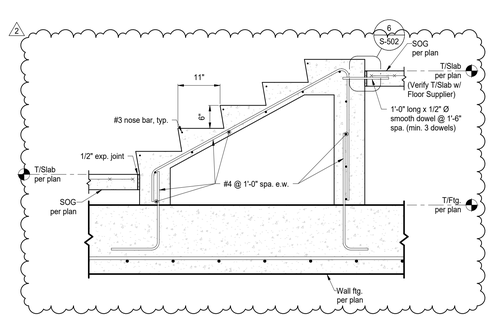

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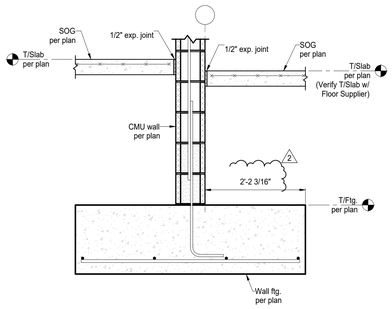

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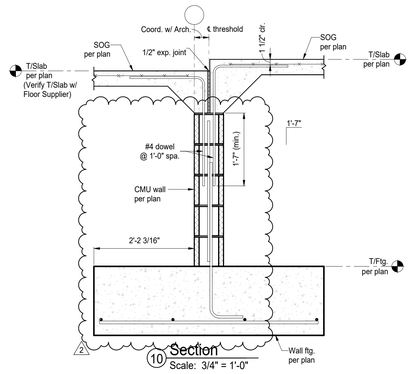

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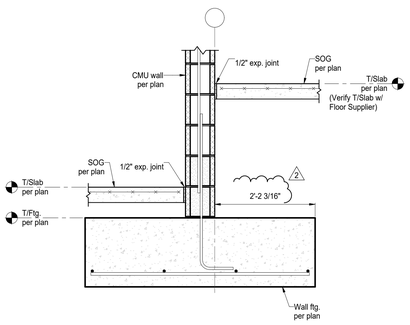

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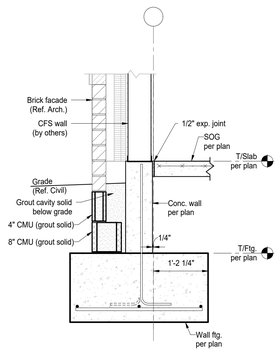

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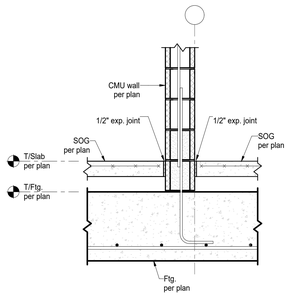

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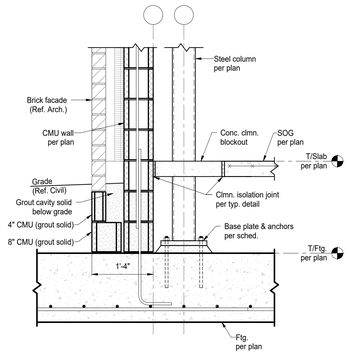

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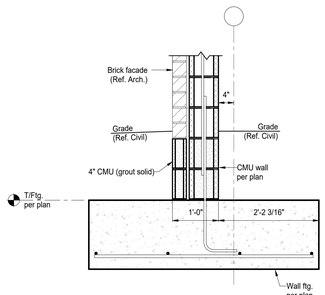

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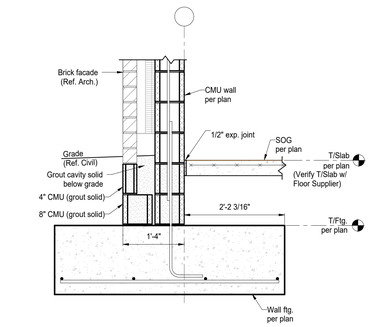

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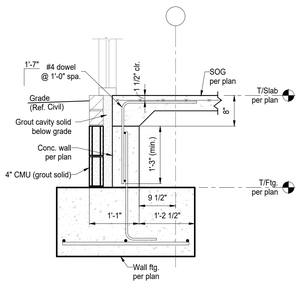

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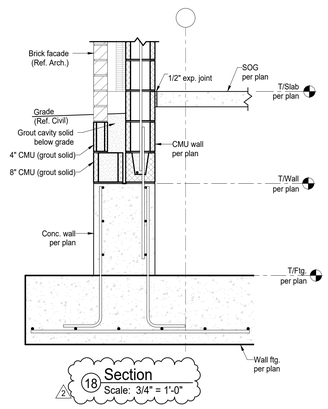

18 Section
Scale: 3/4" = 1'-0"

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Construction Documents

TROY A. MALDEN
REGISTERED
No. PE10100188
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWN BY: LWT

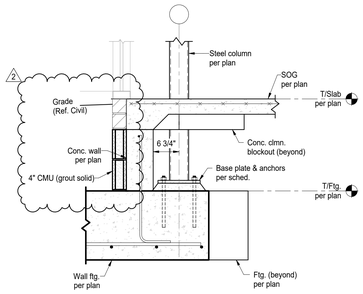
PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

FOUNDATION/CONC. DETAILS

S-503



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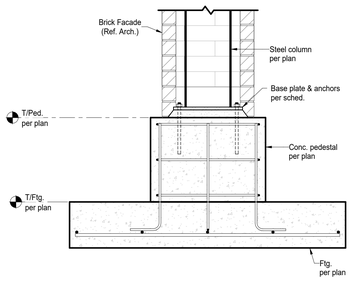

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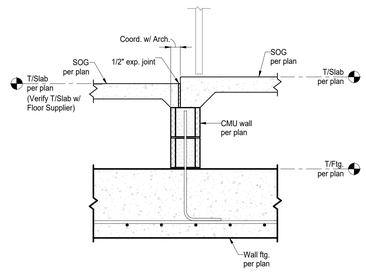

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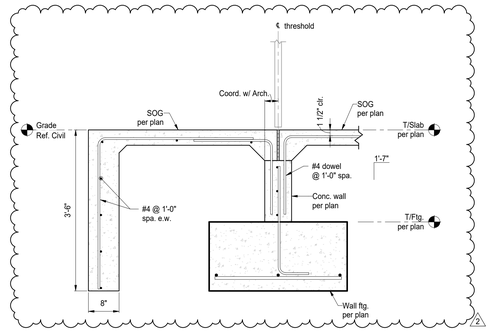

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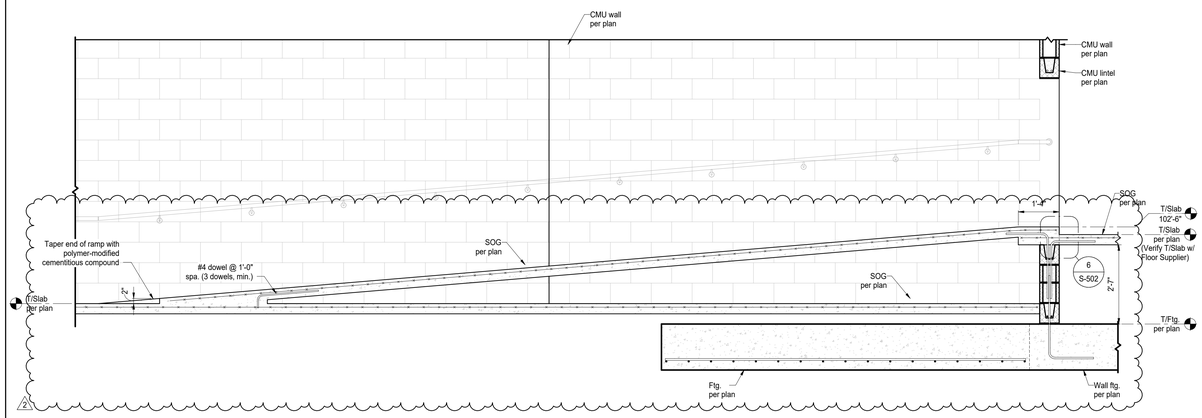
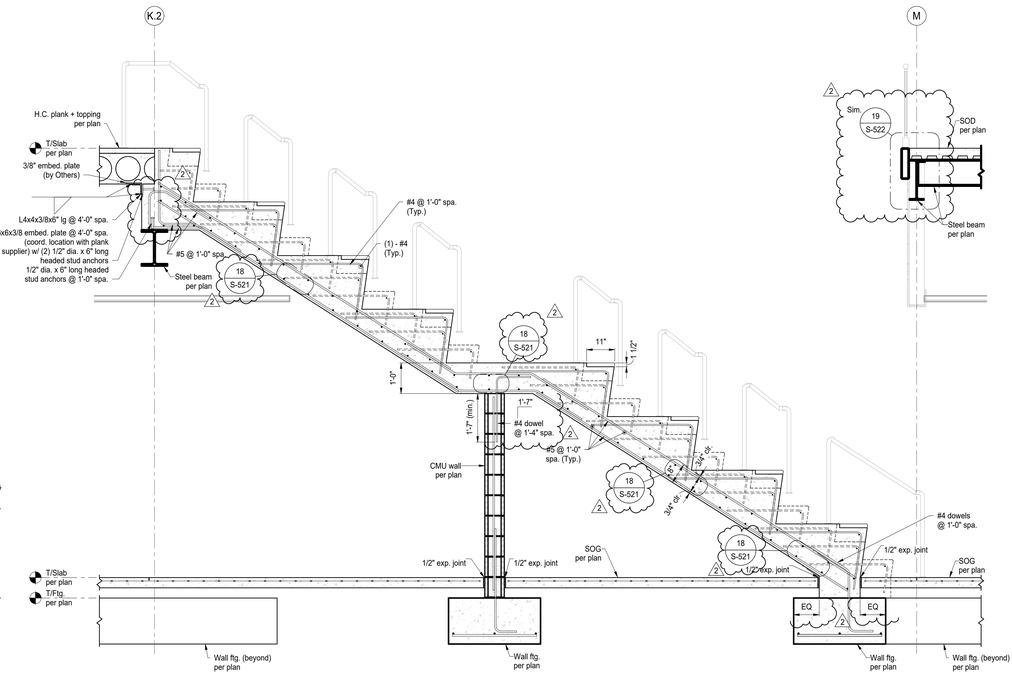


5 Section
Scale: 1/2" = 1'-0"



6 Section
Scale: 1/2" = 1'-0"

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Construction Documents

TROY A. MAGNUS REGISTERED No. PE10100188 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

FOUNDATION/CONC. DETAILS

S-504

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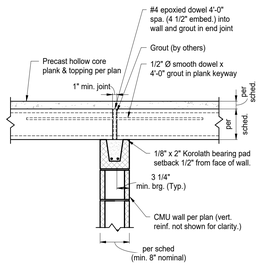
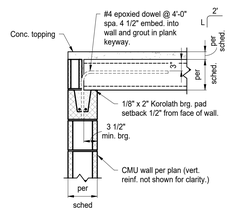
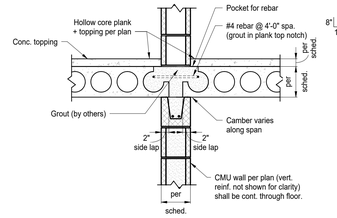


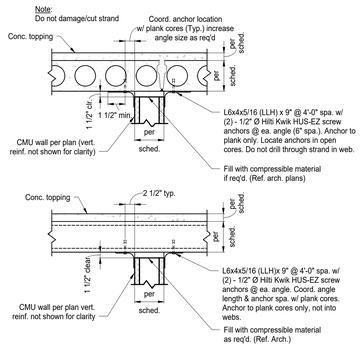
1 Hollow Core Plank Brg. on CMU Wall from Both Sides
Scale: N.T.S.



2 Hollow Core Plank Brg. on CMU Wall from One Side
Scale: N.T.S.



3 Hollow Core Plank Sidelap on CMU Wall from Both Sides
Scale: N.T.S.



4 CMU Partition Wall @ Hollow Core Plank
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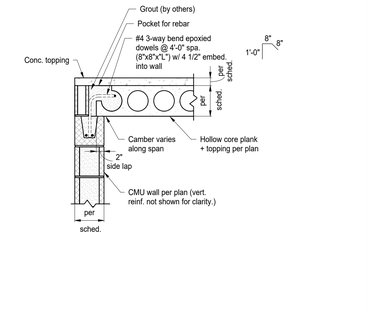
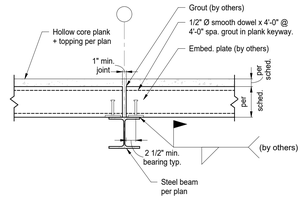
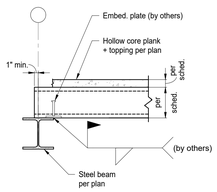


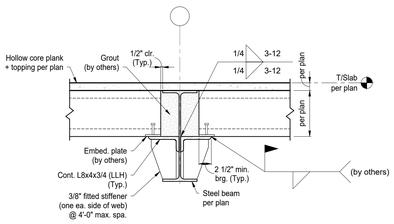
5 Plank Sidelap @ CMU Wall - Rebar Down
Scale: N.T.S.



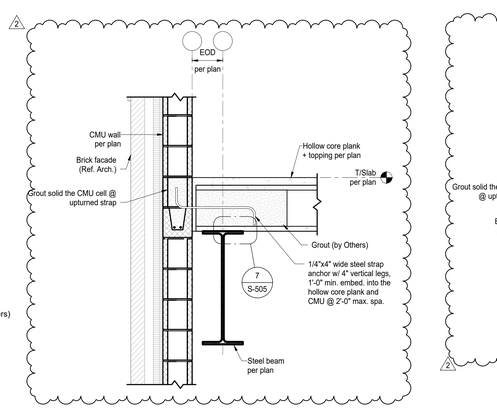
6 Hollow Core Plank Brg. on Steel Beam from Both Sides
Scale: N.T.S.



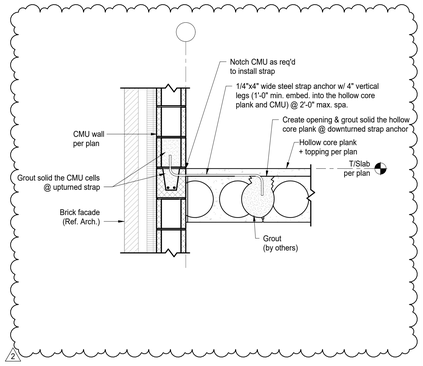
7 Hollow Core Plank Brg. on Steel Beam from One Side
Scale: N.T.S.



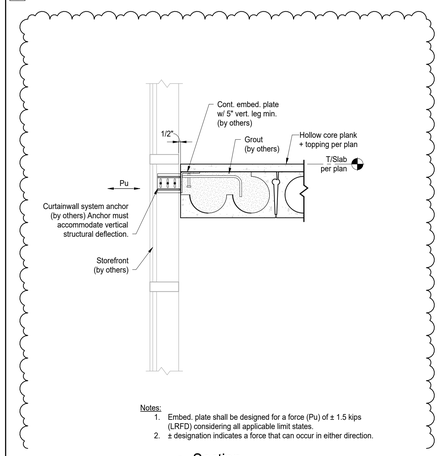
8 Hollow Core Plank Brg. on Steel Beam from Both Sides w/ Shelf Angles
Scale: N.T.S.



9 Section
Scale: 3/4" = 1'-0"

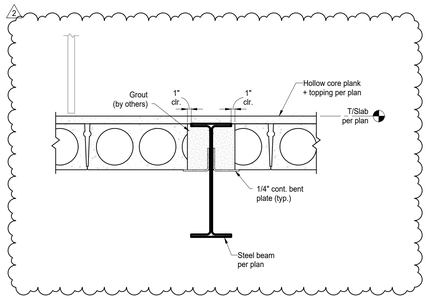


10 Section
Scale: 3/4" = 1'-0"

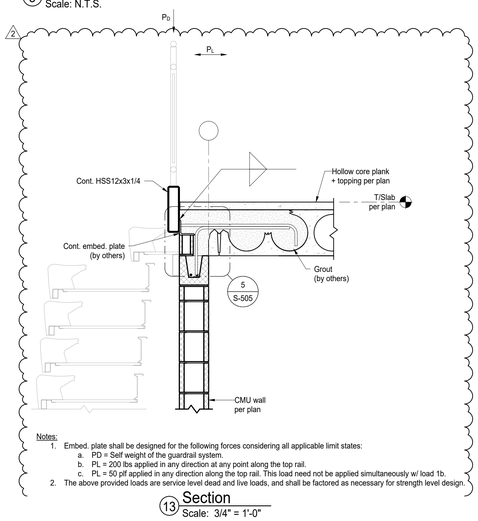


Notes:
1. Embed. plate shall be designed for a force (Pu) of ± 1.5 kips (LRFD) considering all applicable limit states.
2. ± designation indicates a force that can occur in either direction.

11 Section
Scale: 3/4" = 1'-0"

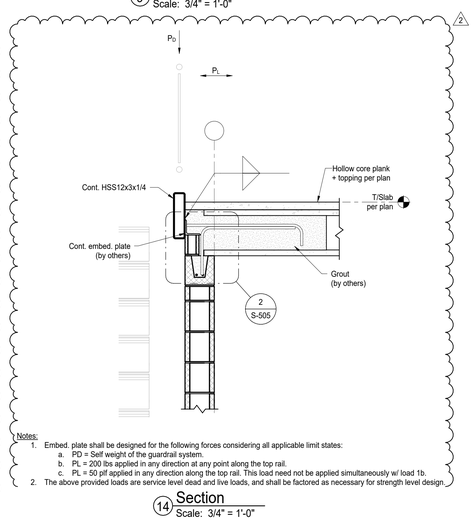


12 Section
Scale: 3/4" = 1'-0"



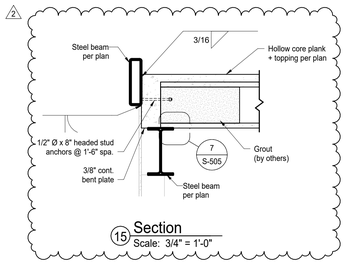
Notes:
1. Embed. plate shall be designed for the following forces considering all applicable limit states:
   a. PD = Self weight of the guardrail system.
   b. PL = 200 lbs applied in any direction at any point along the top rail.
   c. PL = 50 plf applied in any direction along the top rail. This load need not be applied simultaneously w/ load 1b.
2. The above provided loads are service level dead and live loads, and shall be factored as necessary for strength level design.

13 Section
Scale: 3/4" = 1'-0"



Notes:
1. Embed. plate shall be designed for the following forces considering all applicable limit states:
   a. PD = Self weight of the guardrail system.
   b. PL = 200 lbs applied in any direction at any point along the top rail.
   c. PL = 50 plf applied in any direction along the top rail. This load need not be applied simultaneously w/ load 1b.
2. The above provided loads are service level dead and live loads, and shall be factored as necessary for strength level design.

14 Section
Scale: 3/4" = 1'-0"



15 Section
Scale: 3/4" = 1'-0"

The New Wallace Aylesworth Middle School

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Construction Documents

TROY A. MAJORS — REGISTERED — No. PE10100188 — STATE OF INDIANA — PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

TYP. HOLLOW CORE PLANK DETAILS

S-505

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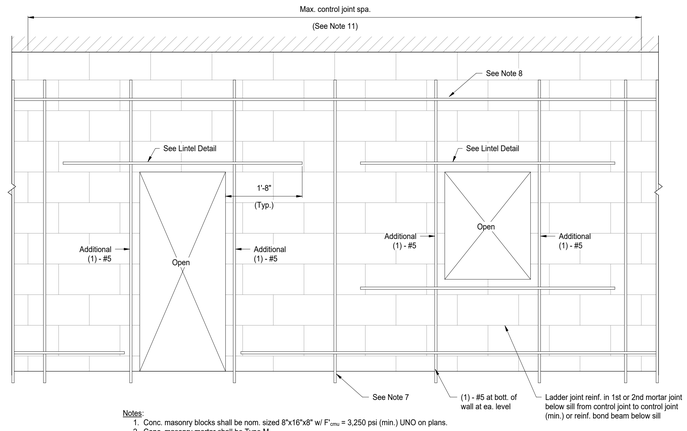
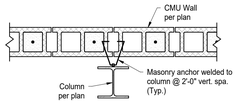
11/11/2025 11:07:19 AM

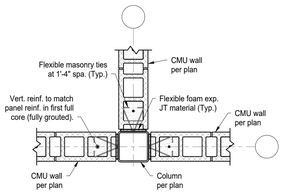


Notes:
1. Conc. masonry blocks shall be nom. sized 8"x16"x8" w/ F'_{cmu} = 3,250 psi (min.) UNO on plans.
2. Conc. masonry mortar shall be Type M.
3. Conc. masonry grout shall be F'_g = 1,900 (min.) & greater than masonry assembly compressive strength f'_m = 2,500 psi (min.).
4. Reinf. steel shall be ASTM A615 w/ F'_y = 60 ksi (min.).
5. Reinf. shown is typ. at all CMU walls UNO on plans.
6. Horiz. Reinf.: Provide 9 gauge horiz. joint reinf. @ 1'-4" spa. Lap splice horiz. joint reinf. 75 dia. of side rods or 1'-1" (min.).
7. Vert. Reinf.: Provide vert. reinf. as noted on drawings & at opening jambs. Provide min. #5 reinf. @ 4'-0" spa. in all walls. Lap splice vert. reinf. per masonry wall reinf. lap splice schedule. See Typ. Load-Bearing CMU Wall Const. detail for other requirements.
8. Provide horiz. bond beams w/ (2) - #5's cont. at tops of walls and along horiz. length, at any elev. of points of struct. attachment, misc. steel anchorage, or other component or equip. connections. Coord. as req'd w/ Arch. and MEP drawings.
9. Masonry walls (including those portions separating windows or doors) that are ≤ 4'-0" long and ≥ 2'-8" tall must have (2) - #5 bars placed in each end cell and have all cells fully grouted at least to the height of the lintel.
10. All masonry walls shall be constructed of normal weight blocks UNO.
11. Control joints shall be typ. spaced at the lesser of 1.5 times the height of the wall or 25'-0" but as far from lintels as possible within the max. spacing. In addition, control joints shall be placed at locations of stress concentration as follows:
    a. At changes in wall height.
    b. At change in wall thickness, such as at pipe and duct chases and pilasters.
    c. At (above) movement joints in foundations and floors.
    d. At (above and below) movement joints in roofs and floors that bear on a wall.
    e. Adjacent to corners of walls or intersections within a distance equal to half the typical control joint spacing.

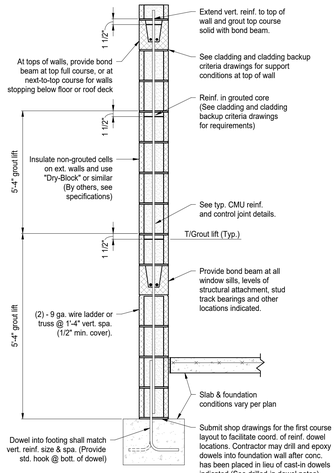
1 Typ. CMU Wall
Scale: N.T.S.



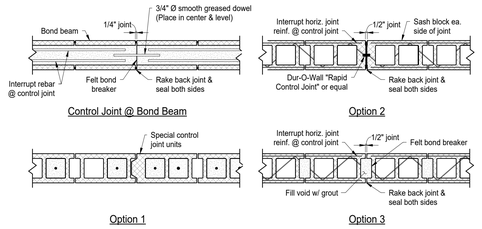
5 Typ. CMU Tie
Scale: N.T.S.



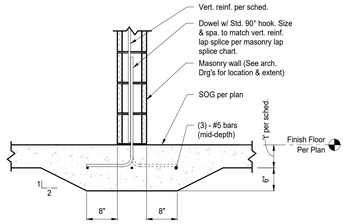
6 Typ. Column Tie
Scale: N.T.S.



2 Typ. Load-Bearing CMU Wall Const.
Scale: N.T.S.

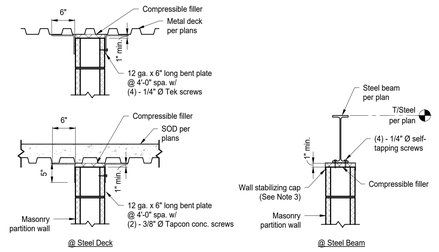


7 Typ. CMU Control Joint Options
Scale: N.T.S.



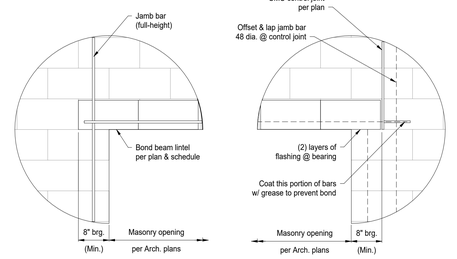
Notes:
1. Provide thickened slab under masonry wall not supported by a ftg.
2. At contractor's option: provide straight dowels instead of hooked dowels. Drill & epoxy 6" into conc. slab. Match vert. bar size & spacing.

3 Typ. Thickened Slab @ CMU Partition Wall
Scale: N.T.S.

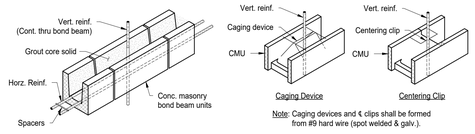


Notes:
1. Provide bent plate clip angles on all int. non-load bearing masonry partition walls. Ref. Arch. plans for location of all masonry partition walls.
2. Bent plate clips may be eliminated if all of the following conditions are met:
    a. Length of wall between perp. intersecting walls is less than the following:
        - 15'-0" for 6" CMU
        - 20'-0" for 8" CMU
        - 22'-0" for 10" CMU
        - 25'-0" for 12" CMU
    b. Wall and intersection have properly installed (9 ga.) truss type horiz. joint reinf. @ 1'-4" spa.
3. Wall stabilizing cap: Prefab. 12 ga. channel.
   Manufacturers and Products
    a. Heckman Building Products - 420 CAP
    b. Hohmann and Barnard Inc. - PTA422
    c. Wirebond - 4310 Partition Top Anchor

4 Typ. CMU Partition Wall
Scale: N.T.S.



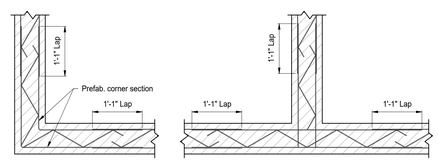
8 CMU Lintel Bearing
Scale: N.T.S.



Typ. Bond Beam

Note: Caging devices and ¢ clips shall be formed from #9 hard wire (spot welded & galv.).

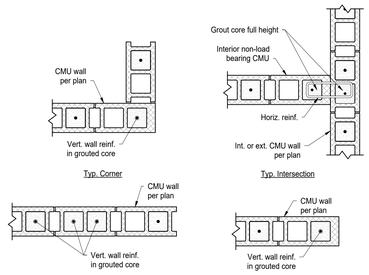
Typ. Vertical Reinf.



Typ. Wall Truss Type Reinf. @ Corner

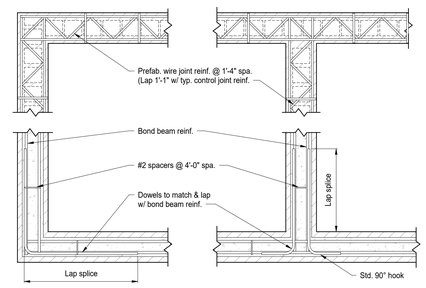
Typ. Wall Truss Type Reinf. @ Intersection

9 Typ. CMU Wall Reinf.
Scale: N.T.S.



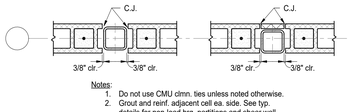
Notes:
1. Reinf. shown in addition to reinf. shown on plans and special details.
2. Reinf. to be same size as adjacent wall reinf. indicated on plans.
3. Typ. details apply to all ext. walls, int. load bearing walls & all walls scheduled to be reinforced.
4. See Typ. Steel Beam Brg. on Masonry detail for additional requirements.

10 Typ. Vert. CMU Wall Reinf.
Scale: N.T.S.



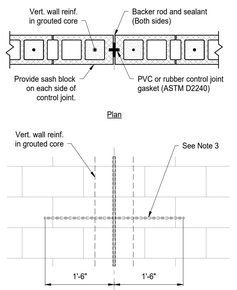
Notes:
1. Provide tension lap splice for all bond beam reinf. UNO. (Ref. schedule)

11 Typ. CMU Wall Bond Beam Reinf.
Scale: N.T.S.



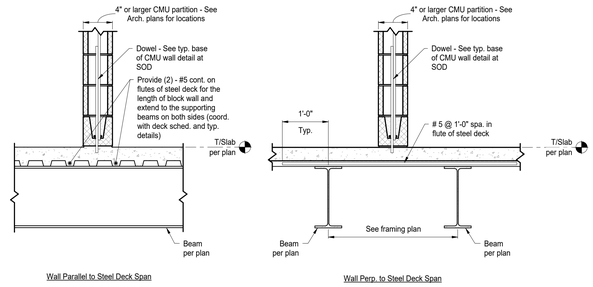
Notes:
1. Do not use CMU clmn. ties unless noted otherwise.
2. Grout and reinf. adjacent cell ea. side. See typ. details for non-load brg. partitions and shear wall sched. for shear walls.

12 Typ. CMU Control Joints @ Steel Column
Scale: N.T.S.



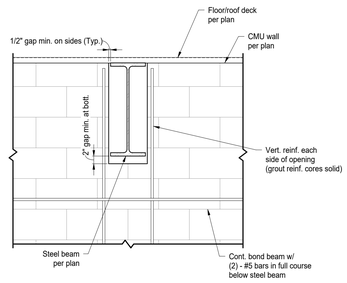
Notes:
1. Bond beam reinf. shall not be applied within 8'-0" of control joint.
2. Horiz. joint reinf. shall be discontinuous at control joint.
3. Bond beam reinf. shall be continuous through control joints at floor and roof levels. Bond beam reinf. shall be interrupted at control joints at other locations (wrap with mastic to create bond break at control joint).

13 Typ. CMU Wall Control Joint
Scale: N.T.S.

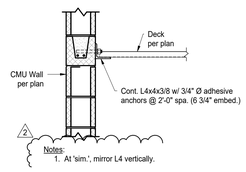


Notes:
1. These details are applicable only when wall is laterally braced at top. See typ. CMU wall details for lateral bracing.
2. Slab reinf. not req'd. if centerline of CMU wall is less than 6" from centerline of beam parallel to wall.

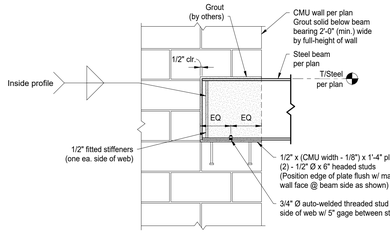
14 Typ. Composite Steel Deck Under CMU Partition Wall
Scale: N.T.S.



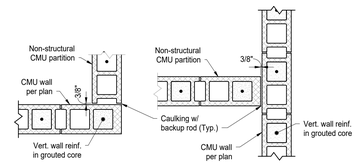
15 Beam Pen. Through Non-Load Brg. CMU Wall
Scale: N.T.S.



16 Typ. Ledger @ CMU Wall
Scale: N.T.S.



17 Typ. Beam Bearing on Parallel Masonry
Scale: N.T.S.



18 Typ. CMU Control Joints @ Non-Structural Partitions
Scale: N.T.S.

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The New Wallace Aylesworth Middle School

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Construction Documents

TROY A. MAGNUS REGISTERED No. PE10100188 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

TYP. MASONRY DETAILS

S-510

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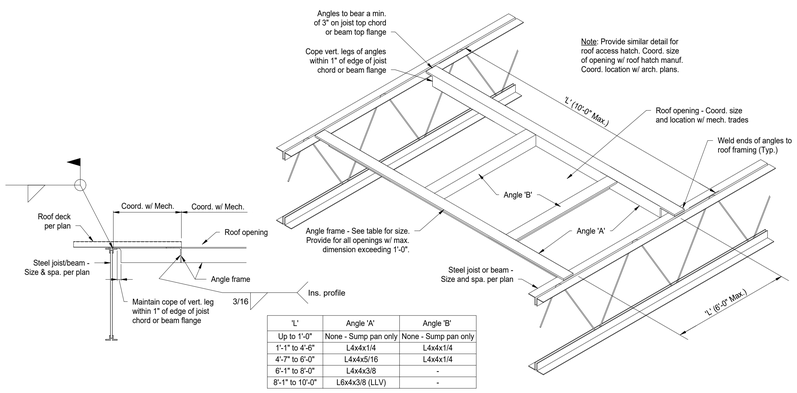
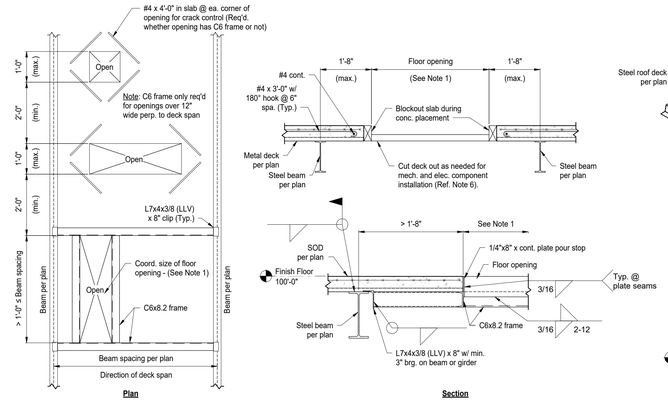


'L'	Angle 'A'	Angle 'B'
Up to 1'-0"	None - Sump pan only	None - Sump pan only
1'-1" to 4'-6"	L4x4x1/4	L4x4x1/4
4'-7" to 6'-0"	L4x4x5/16	L4x4x1/4
6'-1" to 8'-0"	L4x4x3/8	-
8'-1" to 10'-0"	L6x4x3/8 (LLV)	-

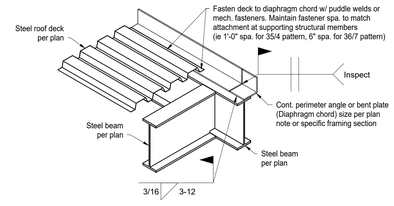
Notes:
1. Use above framing at all openings exceeding 1'-0" U.N.O.
2. Reference arch. and mech. drawings for size and location of all openings.
3. At exist. roof framing, weld angle 'A' to bott. of joist chord flanges & weld cont. shims on angle frame around opening matching thickness of joist chord material.

1 Typ. Roof Opening Frame
Scale: N.T.S.

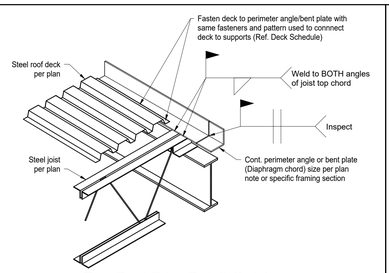


Notes:
1. Coordinate final floor opening w/ mech. and elec. contractors prior to floor slab construction.
2. General Contractor to provide protection around opening once metal deck has opening cut into it.
3. If concrete is to be poured back around duct, fire dampers, conduit and piping, provide C6 frames around openings as detailed.
4. Provide C6 frames as shown where edge of opening is located more than 1'-8" from adjacent beam centerline.
5. If the opening is post-installed after the slab is poured, the clip angles may be omitted and the channels may be connected directly to the beam web. Cope channels only as req'd. for fit up.
6. Do not remove deck until concrete has reached 75% of the design strength.

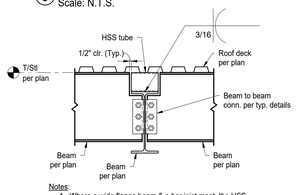
2 Typ. Supported Slab Opening Frame
Scale: N.T.S.



3 Typ. Roof Edge Detail @ Beam
Scale: N.T.S.

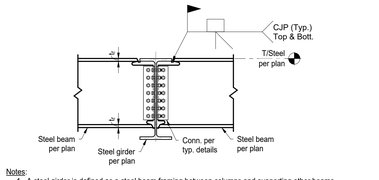


4 Typ. Roof Edge Detail @ Joist
Scale: N.T.S.



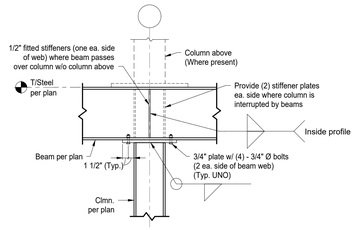
Notes:
1. Where a wide flange beam & a bar joist meet, the HSS shall bear on half the supporting girder flange width, between the wide flange beam & the girder centerline.

5 Typ. Beam to Girder Conn. @ Roof
Scale: N.T.S.

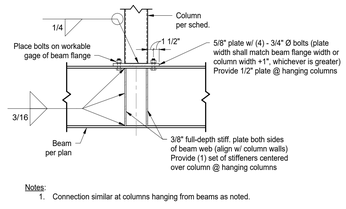


Notes:
1. A steel girder is defined as a steel beam framing between columns and supporting other beams.
2. Connection shall be designed by Component Engineer for Moment (M_u) & Shear (R_u) loads indicated on plans. Where no loads are provided, connection shall be designed for full plastic moment strength of beam and min. shear reaction specified in the General Notes.

6 Typ. Moment Conn. Across Girder
Scale: N.T.S.

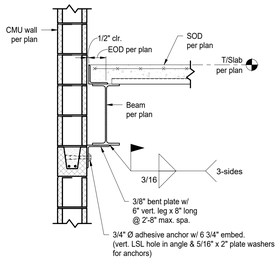


7 Typ. Beam Over Column
Scale: N.T.S.

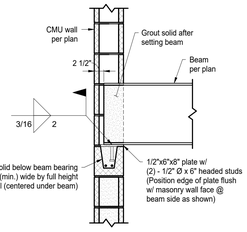


Notes:
1. Connection similar at columns hanging from beams as noted.

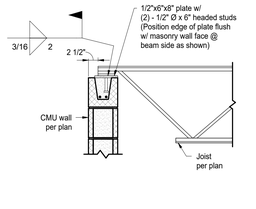
8 Typ. Beam Supporting Column
Scale: N.T.S.



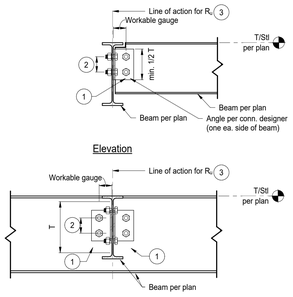
9 Typ. CMU Wall Conn. to Steel Beam
Scale: N.T.S.



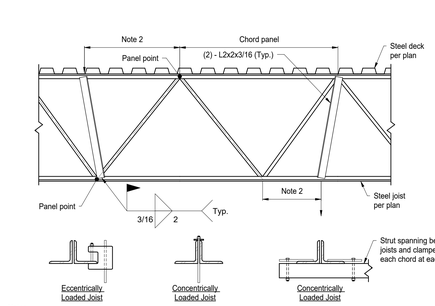
10 Typ. Beam Bearing on Masonry
Scale: N.T.S.



11 Typ. Joist Bearing on Masonry
Scale: N.T.S.

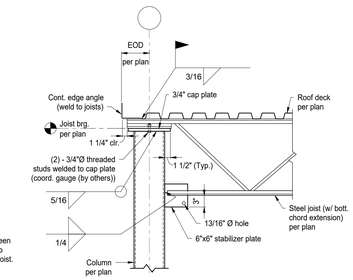


Any combination of bolted & welded legs may be used @ contractors preference. However, bolts & welds may not be used in combination on the same angle leg.

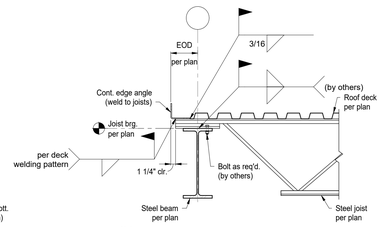


Notes:
1. For attachments to joists that are concentrically loaded on the joist, a max. of 100 pounds may be attached to the joist within a chord panel without additional angle reinforcement. For attachments to joists that are eccentrically loaded on the joist, a max. of 25 pounds may be attached to the joist within a chord panel without an additional angle reinforcement. Multiple attachments are allowed in each chord panel as long as the sum of the loads does not exceed the max. load indicated for each respective loading condition.
2. For loads between 100 pounds and 200 pounds, additional reinforcement angles are req'd. and joist must be concentrically loaded.
3. Concentric concentrated loads of 200 pounds or less applied within 3" of a panel point do not require additional angle reinforcement.
4. The max. load for any eccentrically attached point load is 25 pounds.
5. For loading conditions in Notes 1 and 2 above, total sum of loads shall not exceed 200 pounds for an 8'-0" segment of joist. For loads greater than 200 pounds and not noted on the drawings, contact Engineer prior to installation.
6. No loads shall be supported from joist bridging.

12 Concentrated Load - Joist Reinf.
Scale: N.T.S.

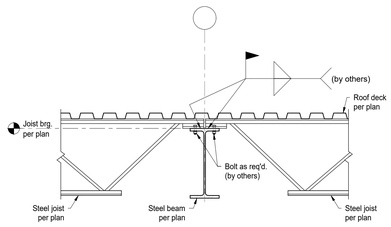


13 Typ. Joist Brg. @ Column
Scale: N.T.S.

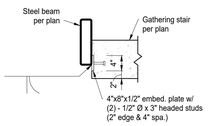


Notes:
1. Edge angle shall continue past and be supported at columns. Splice at support only.

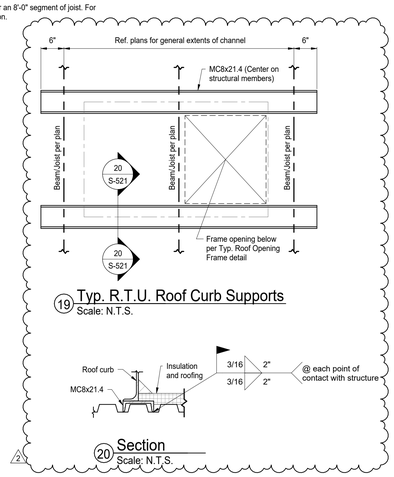
14 Typ. Joist Brg. @ Perimeter Beam
Scale: N.T.S.



15 Typ. Joist Brg. @ Interior Beam
Scale: N.T.S.

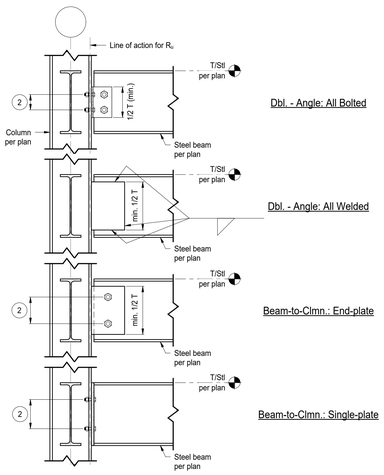


18 Typ. HSS to Gathering Stair
Scale: N.T.S.

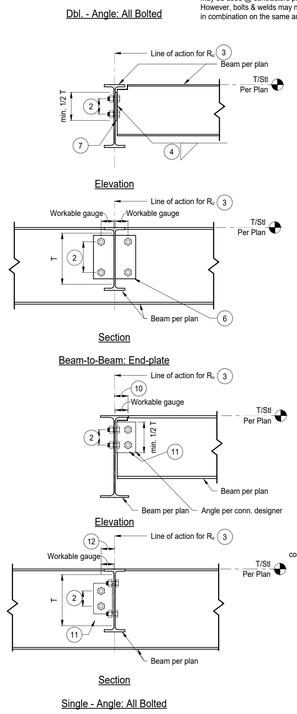


19 Typ. R.T.U. Roof Curb Supports
Scale: N.T.S.

20 Section
Scale: N.T.S.



16 Beam-to-Column Connections
Scale: N.T.S.



Notes:
1. To ensure rotational ductility max. thickness of angles when workable gauges are used per sched. shall be 5/8". If alternate gauges are used, connection designer shall ensure rotational ductility is provided as recommended by AISC Steel Construction Manual.
2. Bolt size, quantity & spacing as determined by connection designer to resist specified R_u.
3. Ref. plans for magnitude of R_u at ea. end of beam.
4. Weld size as determined by connection designer to resist specified R_u.
5. Return @ top of angles shall have a length equal to twice the weld size. Welding across top of angles beyond this length is prohibited.
6. To ensure rotational ductility, max. thickness of plate when workable gauges are used per schedule (for angles) shall be 5/8". If alternate gauges are used, conn. designer shall ensure rotational ductility is provided as recommended by AISC Steel Construction Manual.
7. Weld return across beam web not permitted at top or bottom of plate.
8. Single-plate connections may be designed using the conventional configuration procedure from the AISC Steel Construction Manual provided that the applicable dimensional limitations are satisfied. All other single-plate connections shall be designed using the extended configuration procedure from the AISC Steel Construction Manual.
9. t_p = thickness of single-plate.
10. Consider eccentricity for double vertical row of bolts or when eccentricity exceeds 3-in.
11. Min. angle thickness of 3/8" for 3/4" Ø & 7/8" Ø bolts, and 1/2" for 1" Ø bolts.
12. The effect of eccentricity shall be considered in this leg for all conditions.

17 Beam-to-Beam Connections
Scale: N.T.S.

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1415 Lincolnway West, Ste D, Osceola, IN 46561
contactus@MagnusEng.com
www.MagnusEng.com

Construction Documents

DRAWN BY: LWT

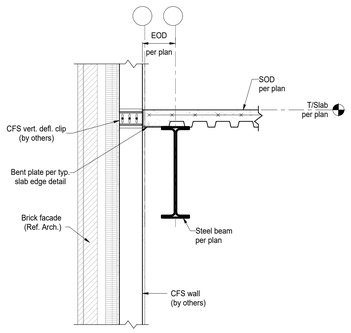
PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

TYP. STEEL FRAMING DETAILS

S-521



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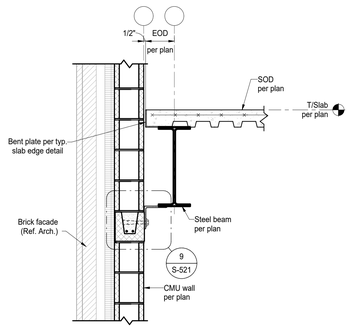

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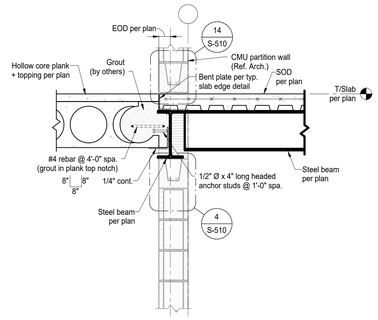

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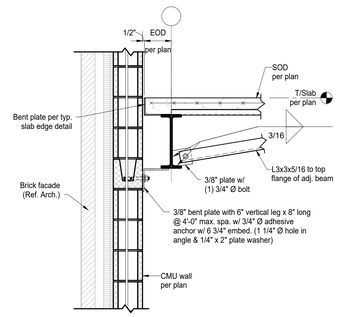

Notes: No L3 kicker req'd @ 'sim.'

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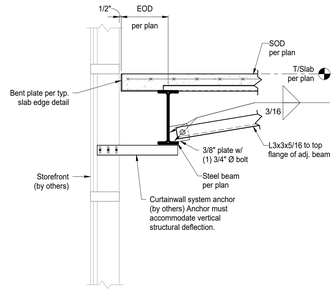

Notes: No L3 kickers req'd @ 'sim.'

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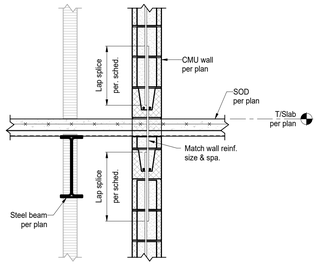

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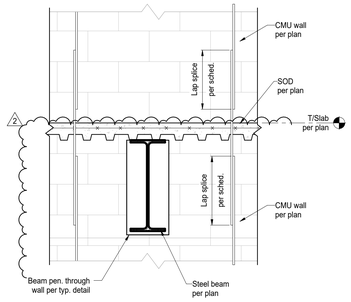

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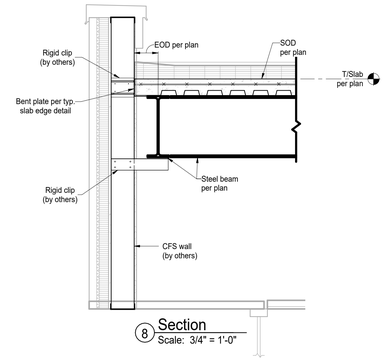

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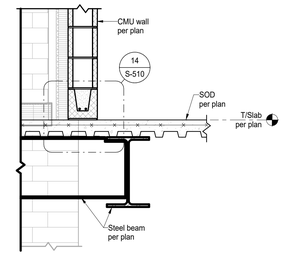

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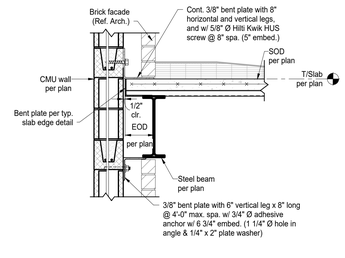

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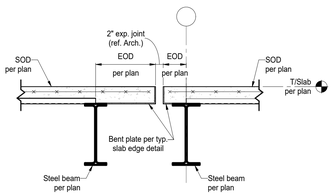

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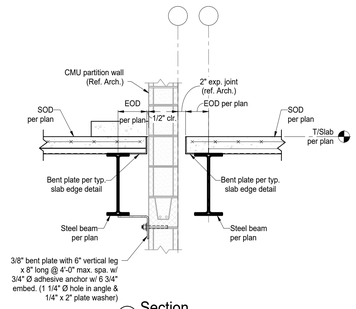

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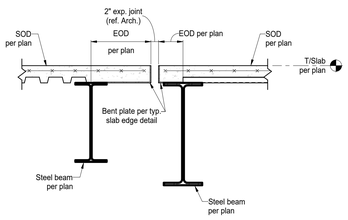

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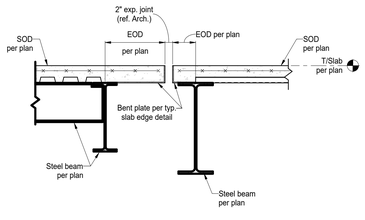

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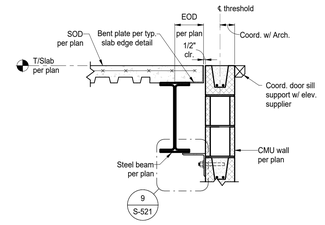

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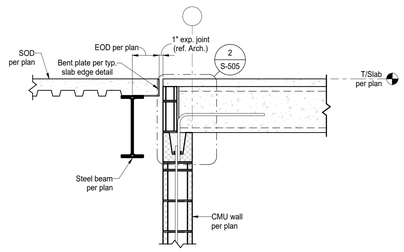

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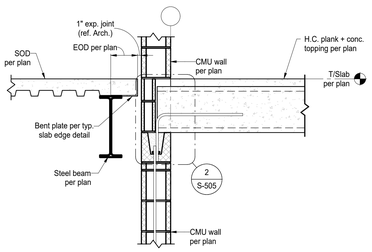

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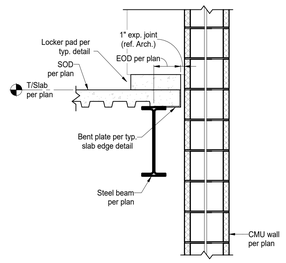

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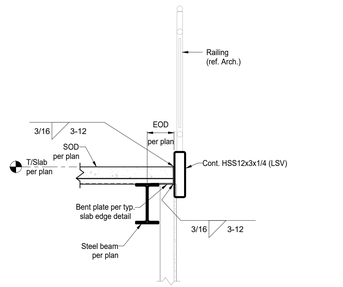

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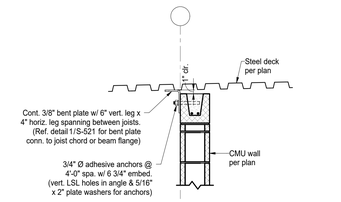

2 20 Section
Scale: 3/4" = 1'-0"

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Construction Documents

TROY A. MAGNUS REGISTERED No. PE10100188 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

STEEL FRAMING DETAILS

S-522

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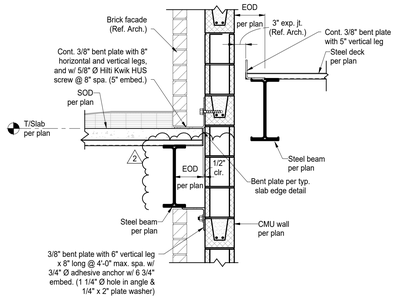

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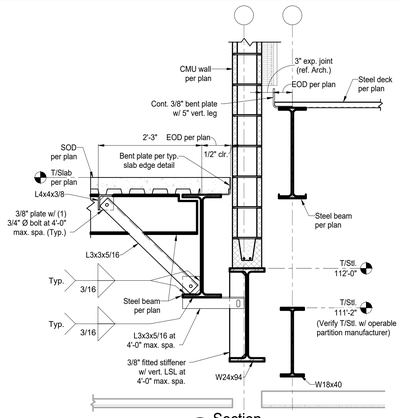

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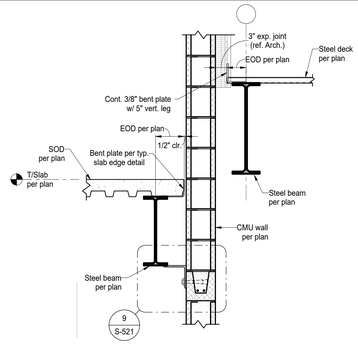

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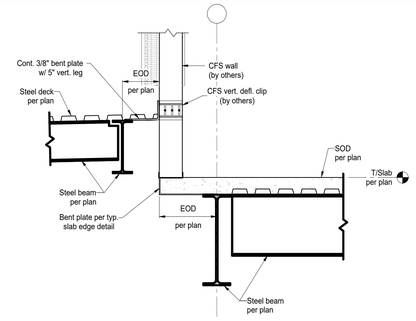

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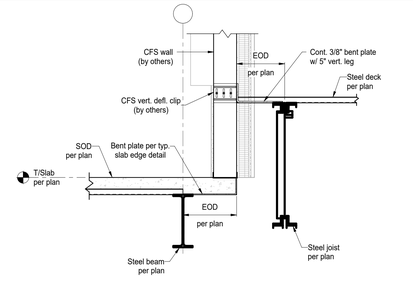

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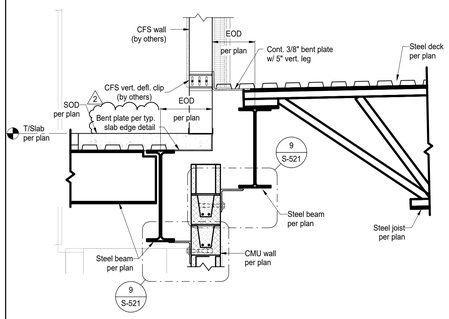

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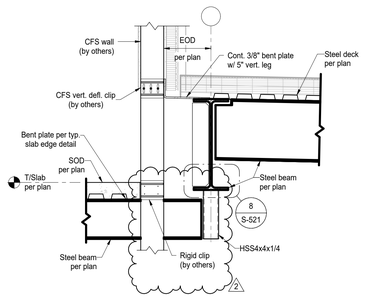

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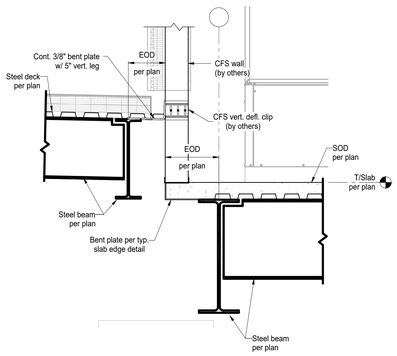

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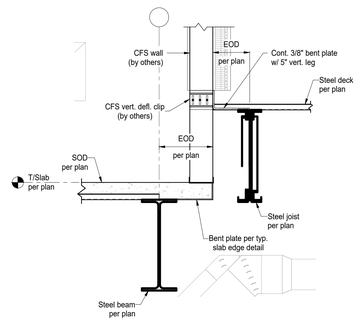

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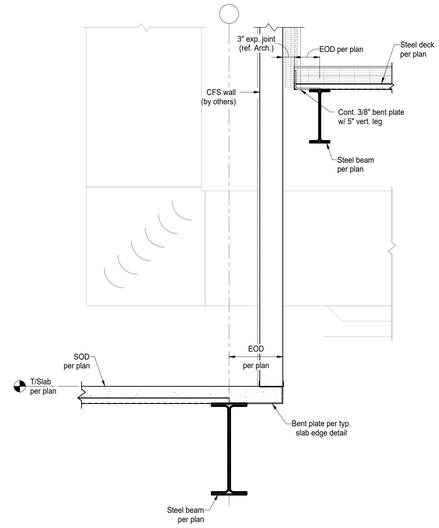

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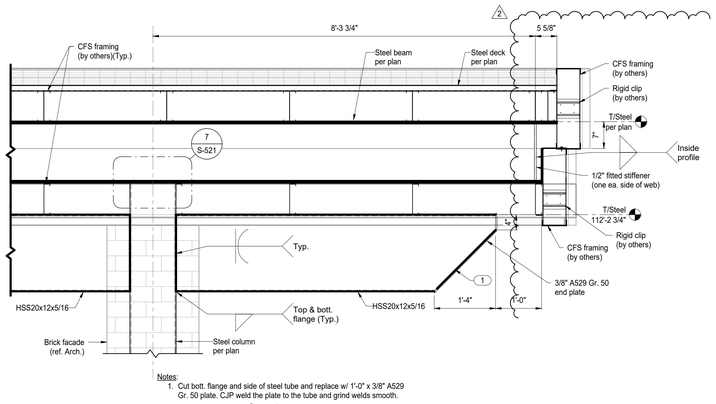
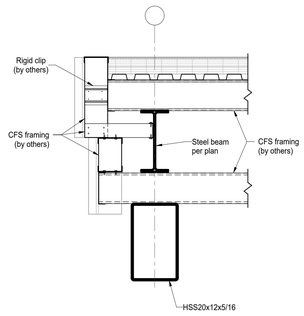


Notes:
1. Cut bott. flange and side of steel tube and replace w/ 1'-0" x 3/8" A529 Gr. 50 plate. CJP weld the plate to the tube and grind welds smooth.

11 Section
Scale: 3/4" = 1'-0"



12 Section
Scale: 3/4" = 1'-0"

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The New Wallace Aylesworth Middle School

5910 Central Ave., Portage, Indiana 46368

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MAGNUS ENGINEERING

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contactus@MagnusEng.com
www.MagnusEng.com

Construction Documents

TROY A. MALDEN
REGISTERED
No. PE10100188
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

STEEL FRAMING DETAILS

S-523

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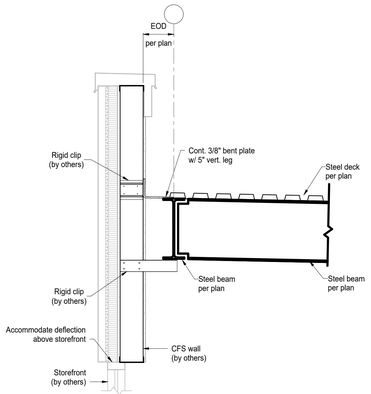

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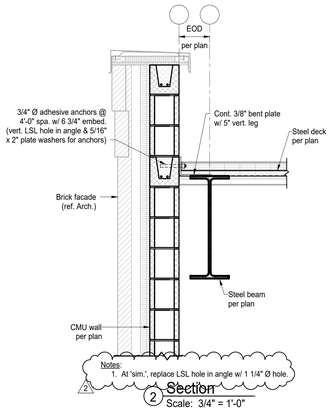

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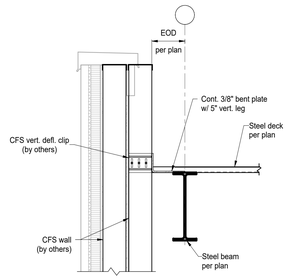

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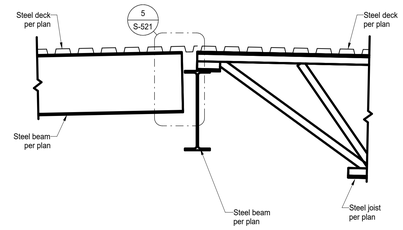

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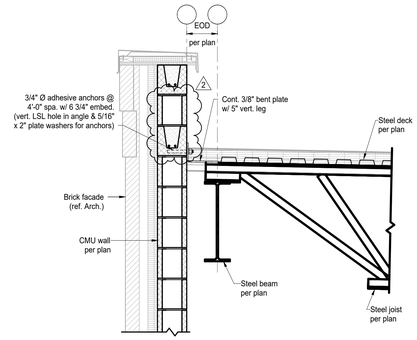

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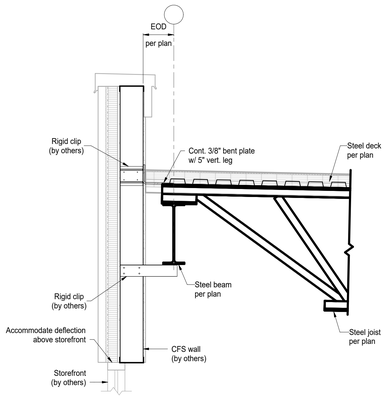

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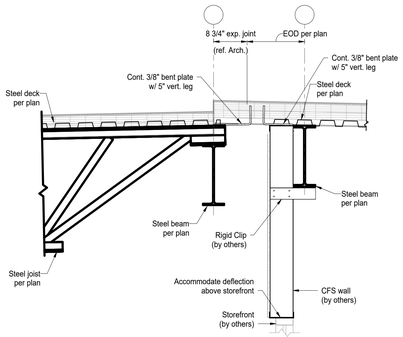

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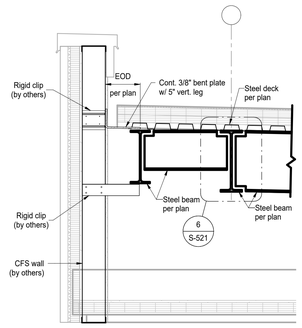

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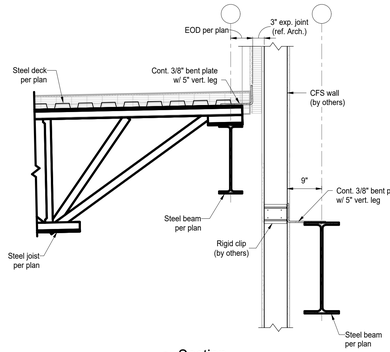

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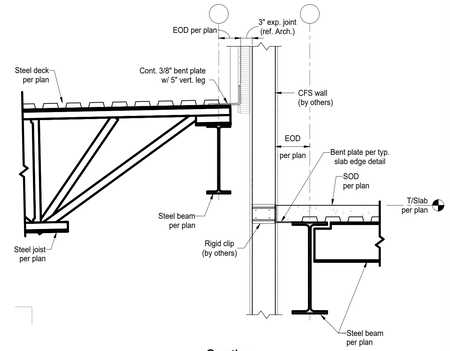

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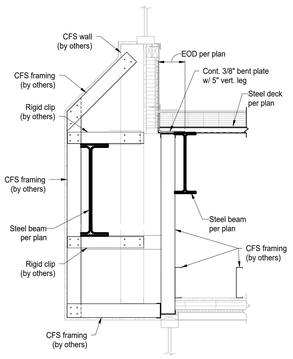

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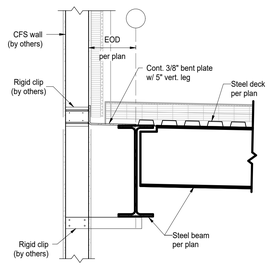

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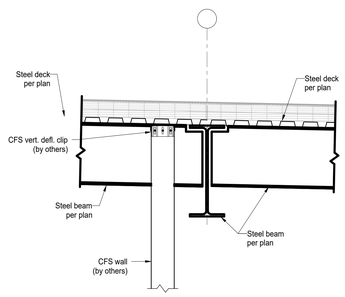

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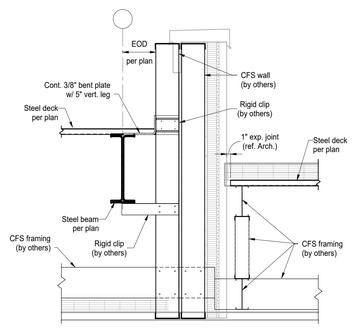

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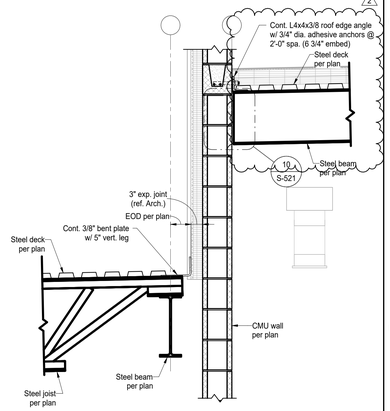

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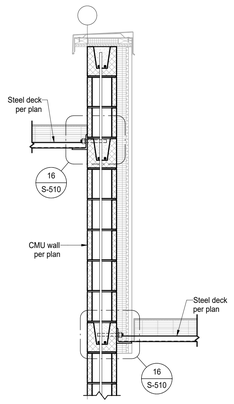

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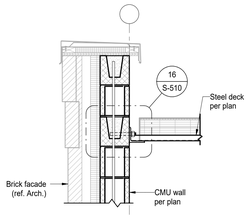

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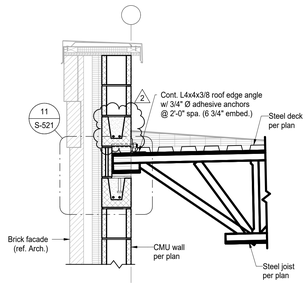

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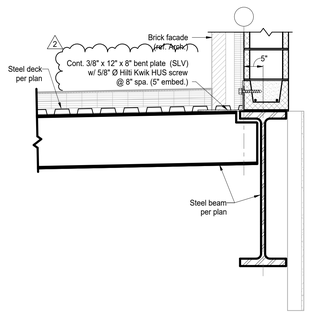

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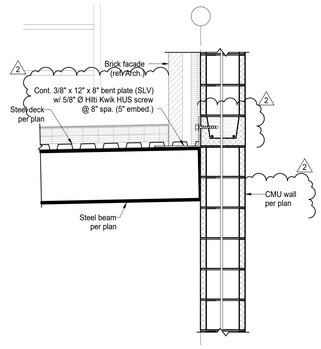

20 Section
Scale: 3/4" = 1'-0"

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Construction Documents

TROY A. KUHLEMEIER REGISTERED No. PE10100188 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

STEEL FRAMING DETAILS

S-524

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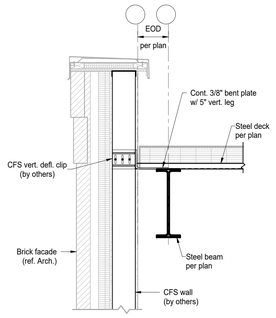

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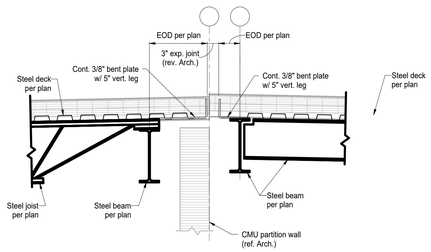

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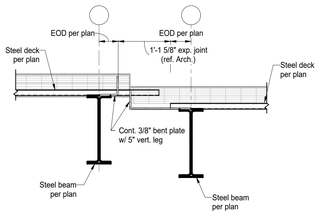

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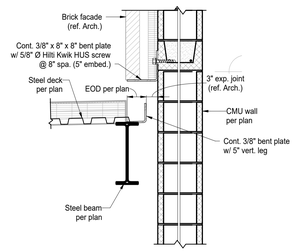

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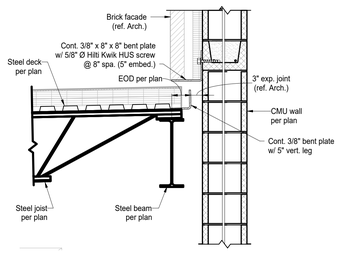

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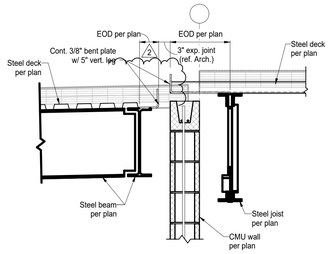

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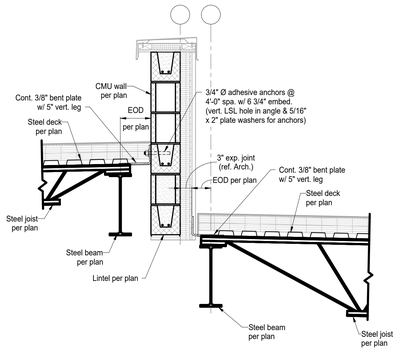

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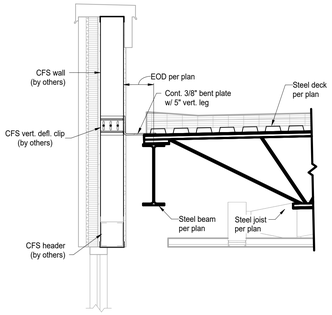

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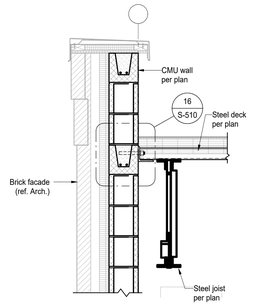

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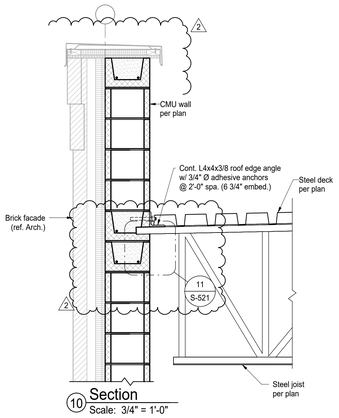

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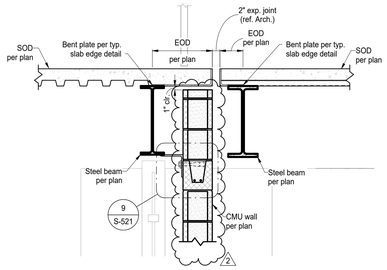

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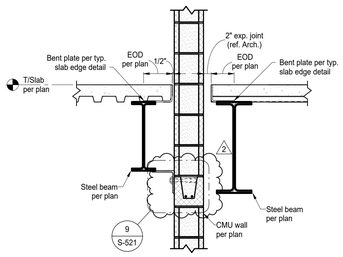

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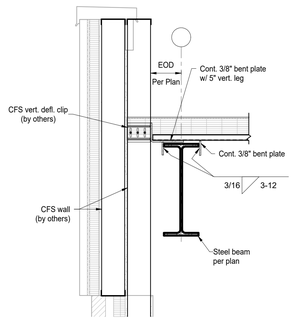

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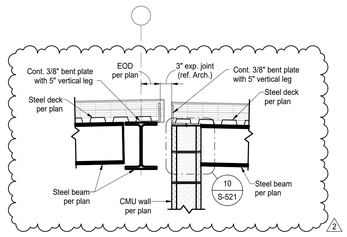

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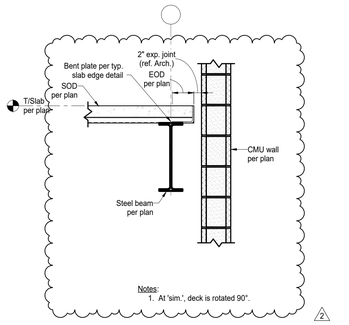

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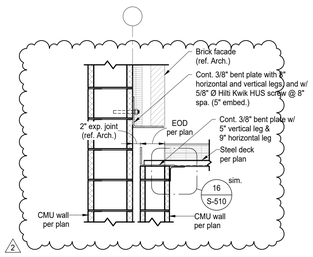

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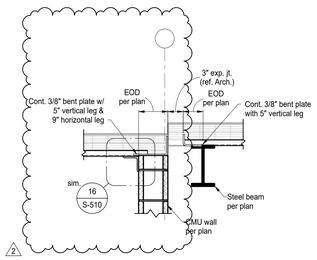

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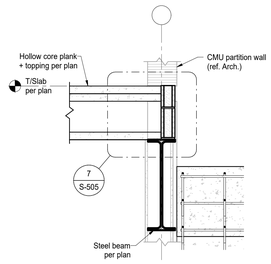

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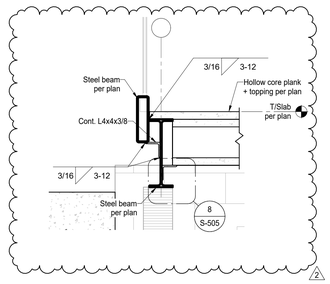

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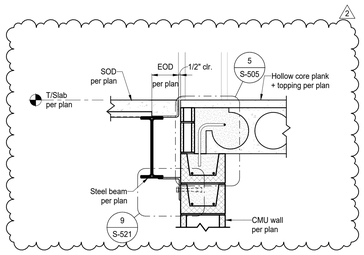

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ARCHITECT

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Construction Documents

TROY A. MADDEN
REGISTERED
No. PE10100188
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWN BY: LWT

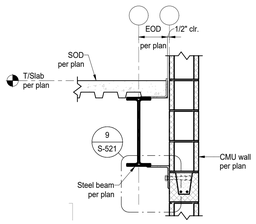
PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

STEEL FRAMING DETAILS

S-525



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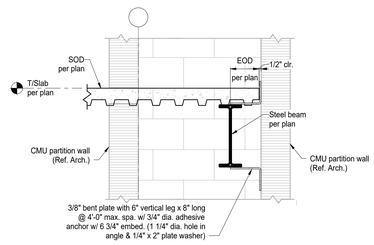

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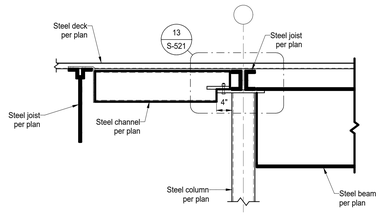

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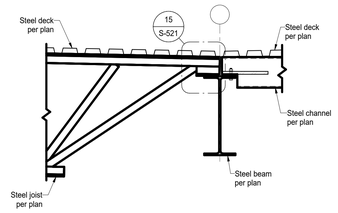

4 Section
Scale: 3/4" = 1'-0"

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MAGNUS ENGINEERING

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1415 Lincolnway West, Ste D, Osceola, IN 46561
contactus@MagnusEng.com
www.MagnusEng.com

Construction Documents

TROY A. MALDEN
REGISTERED
No. PE10100188
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWN BY: LWT

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

STEEL FRAMING DETAILS

S-526

2

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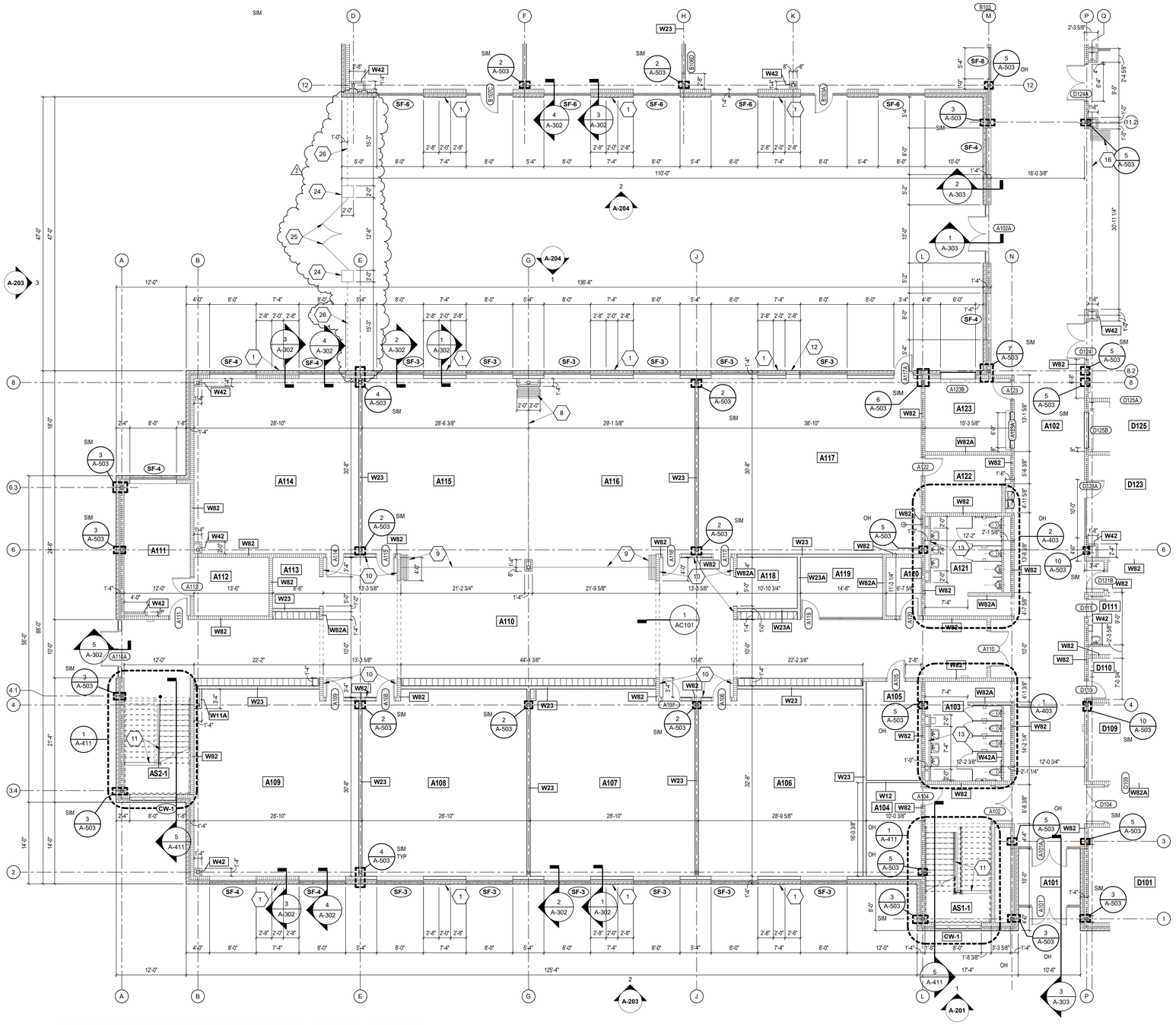
ROOM LEGEND - UNIT A FIRST...

ROOM NO.	ROOM NAME	AREA (SF)
A101	VESTIBULE	107 SF
A102	MAIN HALL	1,968 SF
A103	GIRLS	217 SF
A104	HEAD END	151 SF
A105	MECHANICAL	159 SF
A106	SPECIAL EDUCATION	891 SF
A107	CLASSROOM	889 SF
A108	CLASSROOM	892 SF
A109	CLASSROOM	885 SF
A110	CORRIDOR	2,370 SF
A111	TEACHERS	255 SF
A112	MECHANICAL	129 SF
A113	HUDDLE	70 SF
A114	CLASSROOM	843 SF
A115	CLASSROOM	889 SF
A116	CLASSROOM	889 SF
A117	SCIENCE	1,148 SF
A118	HUDDLE	90 SF
A119	SGI	147 SF
A120	SENSORY	60 SF
A121	BOYS	217 SF
A122	PREP	137 SF
A123	BOOKSTORE	183 SF
AS1-1	STAIR	262 SF
AS2-1	STAIR	220 SF



FIRST FLOOR ARCHITECTURAL PLAN - UNIT A

SCALE: 1/8" = 1'-0"

ARCHITECTURAL PLAN GENERAL NOTES

A. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
B. WHERE DISSIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE.
C. THE BASE FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
D. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS, TO ALLOW FOR DEFLECTION.
E. FOR TYPICAL COMMON JOINT DETAILS AND CONSTRUCTION MOVEMENT JOINT DETAILS REFER TO DETAILS ON SHEET A-502.
F. ALL DIMENSIONS ON FLOOR PLANS ARE TO FINISH FACE OF CMU, CONCRETE, BRICK OR FINISH FACE OF GWB AT METAL STUD WALLS, UNLESS NOTED OTHERWISE. EXCEPTION: EXTERIOR METAL STUD WALLS ARE TO FACE OF METAL STUDS.
G. HINGE SIDE DOOR JAMB AT WALLS WILL TYPICALLY BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
H. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSE. EXCEPT AT WINDOW JAMBS, BULKHEADS, WINDOW AND DOOR HEADS.
I. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAIL REFERENCES.
J. REFER TO FINISH PLANS AND EQUIPMENT PLANS FOR LOCATION AND EXTENT OF FINISH FLOOR MATERIALS.
K. PROVIDE WOOD BLOCKING AS REQUIRED. WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
L. REFER TO MASTER/CODE PLANS FOR CODE INFORMATION AND FIRE RATED WALL LOCATIONS.

ARCHITECTURAL PLAN KEYNOTES

X

W### INDICATES WALL TYPE. REFER TO DRAWING A-100 FOR WALL THICKNESS, HEIGHT AND COMPOSITION.

1. 1 1/2" BRICK BUMP-OUT
2. 1 LAYER OF 5/8" GWB ADHERED TO CMU TO 4" ABOVE CEILING
3. LADDER AND ROOF HATCH (D105) APPROX. 15'-8" TALL (VERIFY). SEE 4-AR102.
4. LOCK BOX
5. AUTO DOOR OPERATOR ACTUATOR
6. LADDER AND ROOF HATCH (D201) APPROX. 14'-4" TALL (VERIFY). SEE 4-AR102.
7. LADDER AND ROOF HATCH (F202) APPROX. 14'-8" TALL (VERIFY). SEE 4-AR102.
8. OPERABLE (FOLDING PANEL) PARTITION - SEE 4-AC102
9. OPERABLE (FOLDING PANEL) PARTITION - SEE 5-AC102
10. GROUND FACE CMU (GFCMU) FINISH ON CORRIDOR / HUDDLE SIDE. AT THE JAMBS OF OPERABLE WALL AND HUDDLE SIDE, THE GFCMU CAN BE 2 WYTHES OF MASONRY TO HAVE FINISHES AT BOTH SIDES. THE GFCMU IS PAINTED CMU AT INTERIOR SIDES OF CLASSROOMS.
11. 6" CMU WALLS UNDER STAIR. SEE ENLARGED STAIR PLAN.
12. MECHANICAL LOUVER - SEE BUILDING ELEVATIONS
13. LAVATORY SHELF - SEE SHEET A-401
14. DECORATIVE METAL FENCING GATE
15. STAINLESS STEEL COUNTER ON TOP OF CMU - 3'-2" H X 4'-0" D X 2'-11" W
16. OPERABLE GLASS PANEL PARTITION - SEE 6-AC102
17. PROVIDE ACOUSTICAL SEALANT AT ALL JOINTS, DISSIMILAR MATERIALS, AND AT INTERSECTION OF WALL TO ROOF DECK, BOTH SIDES OF WALL, FOR FULL PERIMETER OF WALLS.
18. SEE ROOF PLAN FOR STAGE SMOKE VENTS
19. GUARDRAIL GATE. VERIFY EXACT LOCATION AND WIDTH WITH BLEACHER INSTALLER. GATE IS TO BE CENTERED ON BLEACHER AISLE.
20. FLOOR TO FLOOR EXPANSION JOINT COVER
21. FLOOR TO WALL EXPANSION JOINT COVER
22. NOTCH SOLID SURFACE SILL TO ACCOMMODATE COLUMN ENCLOSURE WALL
23. 5/8" GWB ON 3 5/8" METAL STUDS FROM STOREFRONT SILL TO HEAD
24. MASONRY FENCE POST - SEE 13-A-11H
25. DECORATIVE METAL GATE - SEE DOOR HARDWARE SET #43 IN SPEC SECTION 087100 FOR LOCKSET.
26. 8'-0" TALL ORNAMENTAL FENCING
27. TOP OF WALL BELOW CLOSURE - SEE SETAIL 16-A503.
28. 8" CMU 9'-4" WITH 6" CMU ABOVE TO UNDERSIDE OF SECOND FLOOR. NORTH FACE OF 4" CMU TO ALIGN WITH EDGE OF SECOND FLOOR SLAB ABOVE AND FROM COLUMN AT LINE K.2 TO ADJACENT WALL TO THE EAST. SEE GATHERING STAIR CLOSURE DETAIL ON SHEET A503.

NOTE

SOME COLUMN LINES AND REFERENCES HAVE BEEN OMITTED FROM THE FLOOR PLANS FOR CLARITY. SEE STRUCTURAL DRAWINGS FOR COMPLETE COLUMN LINE GRIDS

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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The New Wallace Aylesworth Middle School

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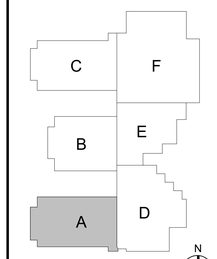

KEY PLAN

Construction Documents

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: rlg

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

FIRST FLOOR ARCHITECTURE PLAN - UNIT A

A-11A

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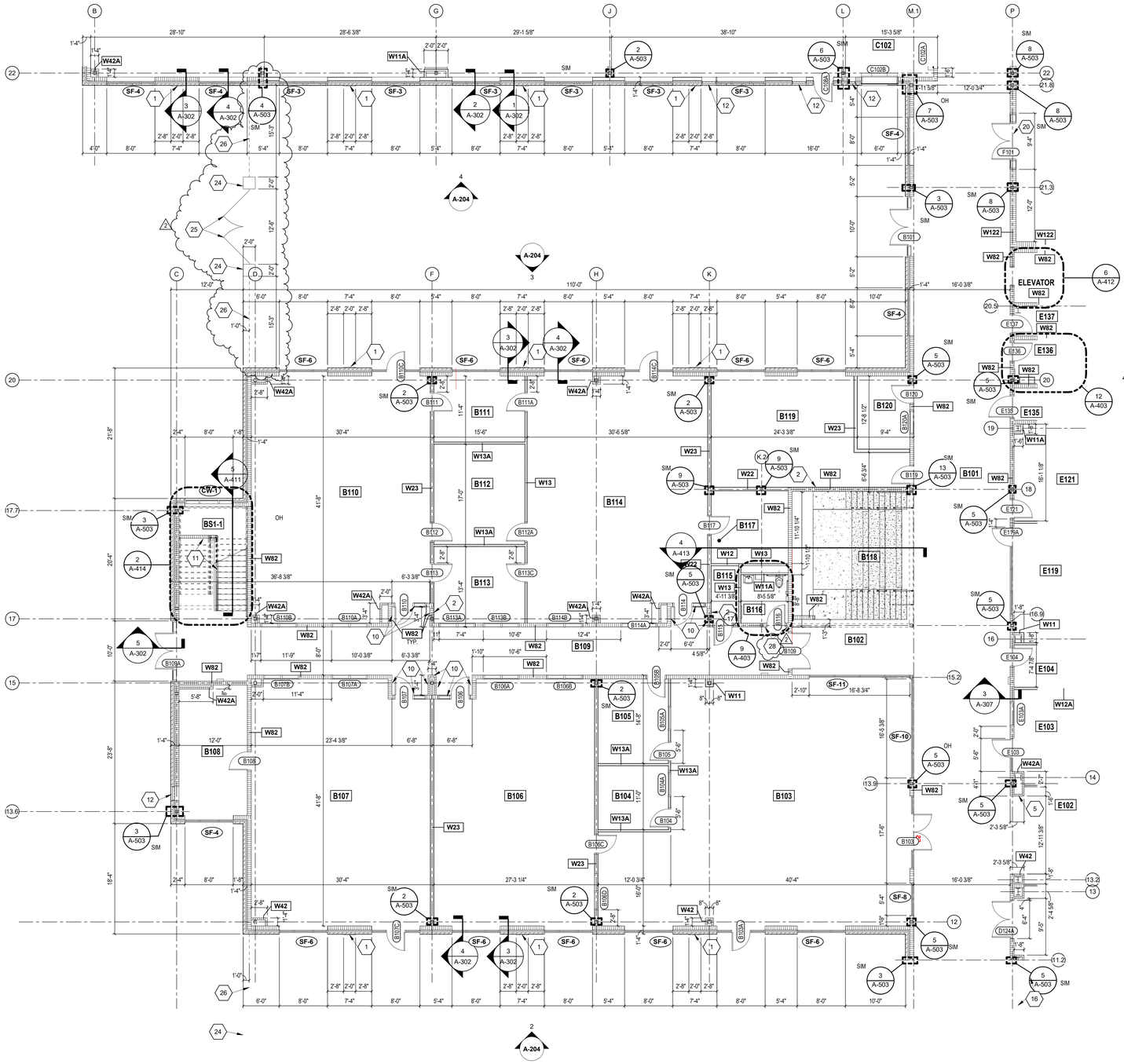
ROOM LEGEND - UNIT B FIRST...

ROOM NO.	ROOM NAME	AREA (SF)
B101	MAIN HALL	2,209 SF
B102	CORRIDOR	190 SF
B103	MEDIA CENTER	1,827 SF
B104	MEDIA OFFICE	123 SF
B105	MEDIA WORKROOM	164 SF
B106	MEDIA CLASSROOM	1,071 SF
B107	ART	1,190 SF
B108	KILN / STORAGE	243 SF
B109	CORRIDOR	913 SF
B110	PLTW	1,187 SF
B111	PLANNING	165 SF
B112	STORAGE	250 SF
B113	CLEAN LAB	192 SF
B114	PLTW	1,198 SF
B115	TECH	43 SF
B116	RESTROOM	63 SF
B117	STORAGE	154 SF
B118	GATHERING STAIR	419 SF
B119	ALTERNATIVE CLASSROOM	491 SF
B120	SRO OFFICE	105 SF
BS1-1	STAIR	208 SF



FIRST FLOOR ARCHITECTURAL PLAN - UNIT B

SCALE: 1/8" = 1'-0"

ARCHITECTURAL PLAN GENERAL NOTES

A. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
B. WHERE DISSIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE.
C. THE BASE FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
D. ALL INTERIOR MASONRY WALLS S THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS, TO ALLOW FOR DEFLECTION.
E. FOR TYPICAL COMMON JOINT DETAILS AND CONSTRUCTION MOVEMENT JOINT DETAILS REFER TO DETAILS ON SHEET A-502.
F. ALL DIMENSIONS ON FLOOR PLANS ARE TO FINISH FACE OF CMU, CONCRETE, BRICK OR FINISH FACE OF GWB AT METAL STUD WALLS, UNLESS NOTED OTHERWISE. EXCEPTION: EXTERIOR METAL STUD WALLS ARE TO FACE OF METAL STUDS.
G. HINGE SIDE DOOR JAMB AT WALLS WILL TYPICALLY BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
H. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSE. EXCEPT AT WINDOW JAMBS, BULKHEADS, WINDOW AND DOOR HEADS.
I. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAIL REFERENCES.
J. REFER TO FINISH PLANS AND EQUIPMENT PLANS FOR LOCATION AND EXTENT OF FINISH FLOOR MATERIALS.
K. PROVIDE WOOD BLOCKING AS REQUIRED. WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
L. REFER TO MASTER/CODE PLANS FOR CODE INFORMATION AND FIRE RATED WALL LOCATIONS.

ARCHITECTURAL PLAN KEYNOTES

X

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2. 1 LAYER OF 5/8" GWB ADHERED TO CMU TO 4" ABOVE CEILING
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4. LOCK BOX
5. AUTO DOOR OPERATOR ACTUATOR
6. LADDER AND ROOF HATCH (D201) APPROX. 14'-4" TALL (VERIFY). SEE 4-AR102.
7. LADDER AND ROOF HATCH (F202) APPROX. 14'-8" TALL (VERIFY). SEE 4-AR102.
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9. OPERABLE (FOLDING PANEL) PARTITION - SEE 5-AC102
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12. MECHANICAL LOUVER - SEE BUILDING ELEVATIONS
13. LAVATORY SHELF - SEE SHEET A-401
14. DECORATIVE METAL FENCING GATE
15. STAINLESS STEEL COUNTER ON TOP OF CMU - 3'-2" H X 4'-0" D X 2'-11" W
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17. PROVIDE ACOUSTICAL SEALANT AT ALL JOINTS, DISSIMILAR MATERIALS, AND AT INTERSECTION OF WALL TO ROOF DECK, BOTH SIDES OF WALL, FOR FULL PERIMETER OF WALLS.
18. SEE ROOF PLAN FOR STAGE SMOKE VENTS
19. GUARDRAIL GATE. VERIFY EXACT LOCATION AND WIDTH WITH BLEACHER INSTALLER. GATE IS TO BE CENTERED ON BLEACHER AISLE.
20. FLOOR TO FLOOR EXPANSION JOINT COVER
21. FLOOR TO WALL EXPANSION JOINT COVER
22. NOTCH SOLID SURFACE SILL TO ACCOMMODATE COLUMN ENCLOSURE WALL
23. 5/8" GWB ON 3 5/8" METAL STUDS FROM STOREFRONT SILL TO HEAD
24. MASONRY FENCE POST - SEE 13-A-11H
25. DECORATIVE METAL GATE - SEE DOOR HARDWARE SET #43 IN SPEC SECTION 087100 FOR LOCKSET.
26. 8'-0" TALL ORNAMENTAL FENCING
27. TOP OF WALL BELOW CLOSURE - SEE SETAIL 16-A503.
28. 8" CMU 9'-4" WITH 6" CMU ABOVE TO UNDERSIDE OF SECOND FLOOR. NORTH FACE OF 4" CMU TO ALIGN WITH EDGE OF SECOND FLOOR SLAB ABOVE AND FROM COLUMN AT LINE K.2 TO ADJACENT WALL TO THE EAST. SEE GATHERING STAIR CLOSURE DETAIL ON SHEET A503.

NOTE

SOME COLUMN LINES AND REFERENCES HAVE BEEN OMITTED FROM THE FLOOR PLANS FOR CLARITY. SEE STRUCTURAL DRAWINGS FOR COMPLETE COLUMN LINE GRIDS

VERIFICATION NOTE

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The New Wallace Aylesworth Middle School

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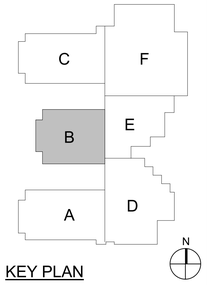

KEY PLAN

Construction Documents

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: rlg

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

FIRST FLOOR ARCHITECTURE PLAN - UNIT B

A-11B

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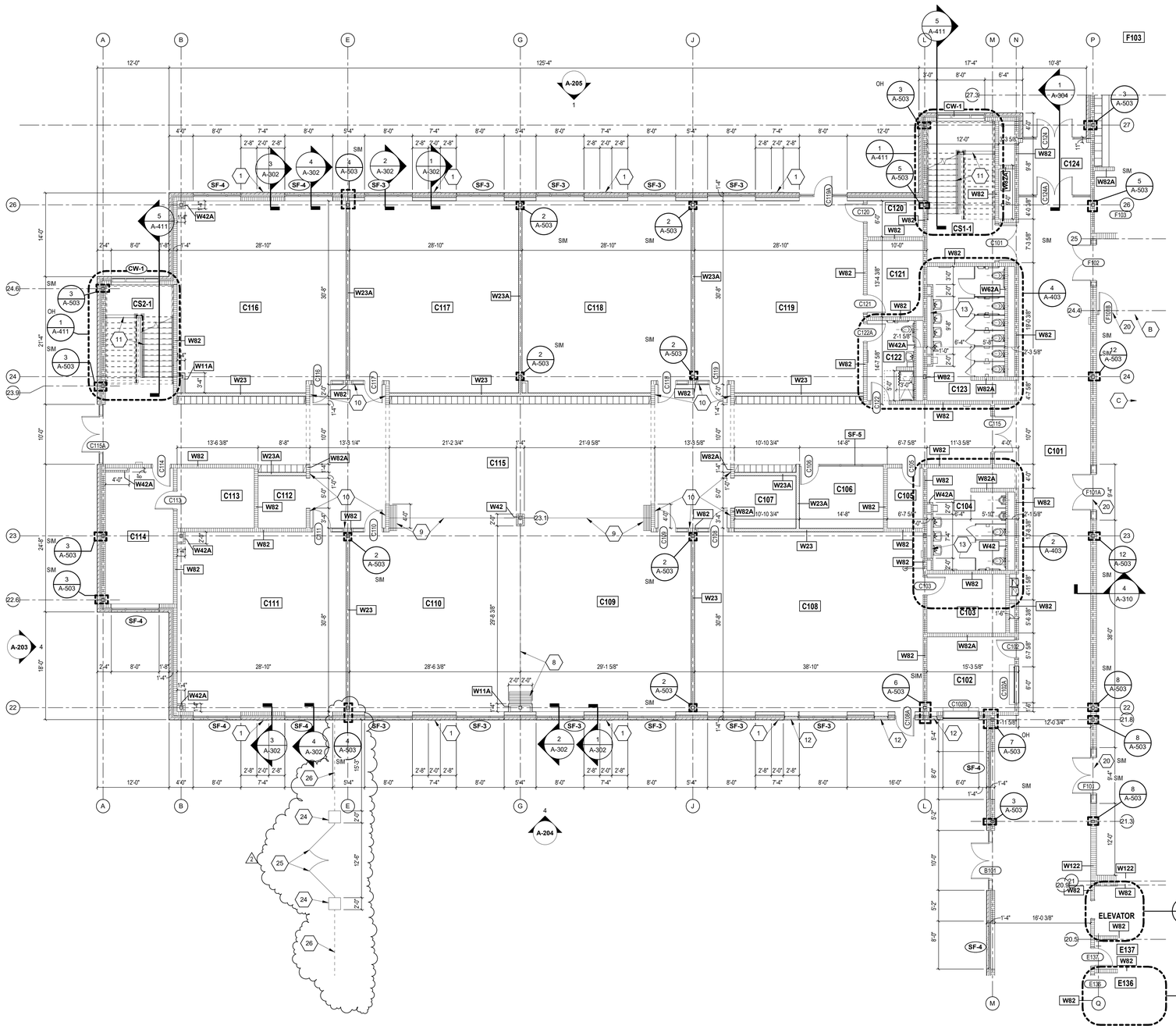
ROOM LEGEND - UNIT C FIRST...

ROOM NO.	ROOM NAME	AREA (SF)
C101	MAIN HALL	1,111 SF
C102	CONCESSION	183 SF
C103	PREP	130 SF
C104	BOYS	217 SF
C105	SENSORY	60 SF
C106	SGI	147 SF
C107	HUDDLE	90 SF
C108	SCIENCE	1,147 SF
C109	CLASSROOM	889 SF
C110	CLASSROOM	889 SF
C111	CLASSROOM	843 SF
C112	HUDDLE	70 SF
C113	MECHANICAL	129 SF
C114	TEACHERS	255 SF
C115	CORRIDOR	2,370 SF
C116	CLASSROOM	885 SF
C117	CLASSROOM	892 SF
C118	CLASSROOM	889 SF
C119	APPLIED SKILLS	891 SF
C120	SENSORY	56 SF
C121	KITCHENETTE	119 SF
C122	RESTROOM / SHOWER	103 SF
C123	GIRLS	282 SF
C124	VESTIBULE	116 SF
CS1-1	STAIR	262 SF
CS2-1	STAIR	220 SF



FIRST FLOOR ARCHITECTURAL PLAN - UNIT C

SCALE: 1/8" = 1'-0"

ARCHITECTURAL PLAN GENERAL NOTES

A. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
B. WHERE DISSIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE.
C. THE BASE FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
D. ALL INTERIOR MASONRY WALLS S THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS, TO ALLOW FOR DEFLECTION.
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G. HINGE SIDE DOOR JAMB AT WALLS WILL TYPICALLY BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
H. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSE. EXCEPT AT WINDOW JAMBS, BULKHEADS, WINDOW AND DOOR HEADS.
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J. REFER TO FINISH PLANS AND EQUIPMENT PLANS FOR LOCATION AND EXTENT OF FINISH FLOOR MATERIALS.
K. PROVIDE WOOD BLOCKING AS REQUIRED. WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
L. REFER TO MASTER/CODE PLANS FOR CODE INFORMATION AND FIRE RATED WALL LOCATIONS.

ARCHITECTURAL PLAN KEYNOTES

X

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1. 1 1/2" BRICK BUMP-OUT
2. 1 LAYER OF 5/8" GWB ADHERED TO CMU TO 4" ABOVE CEILING
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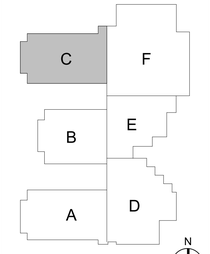

KEY PLAN

Construction Documents

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: rlg

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

FIRST FLOOR ARCHITECTURE PLAN - UNIT C

A-11C

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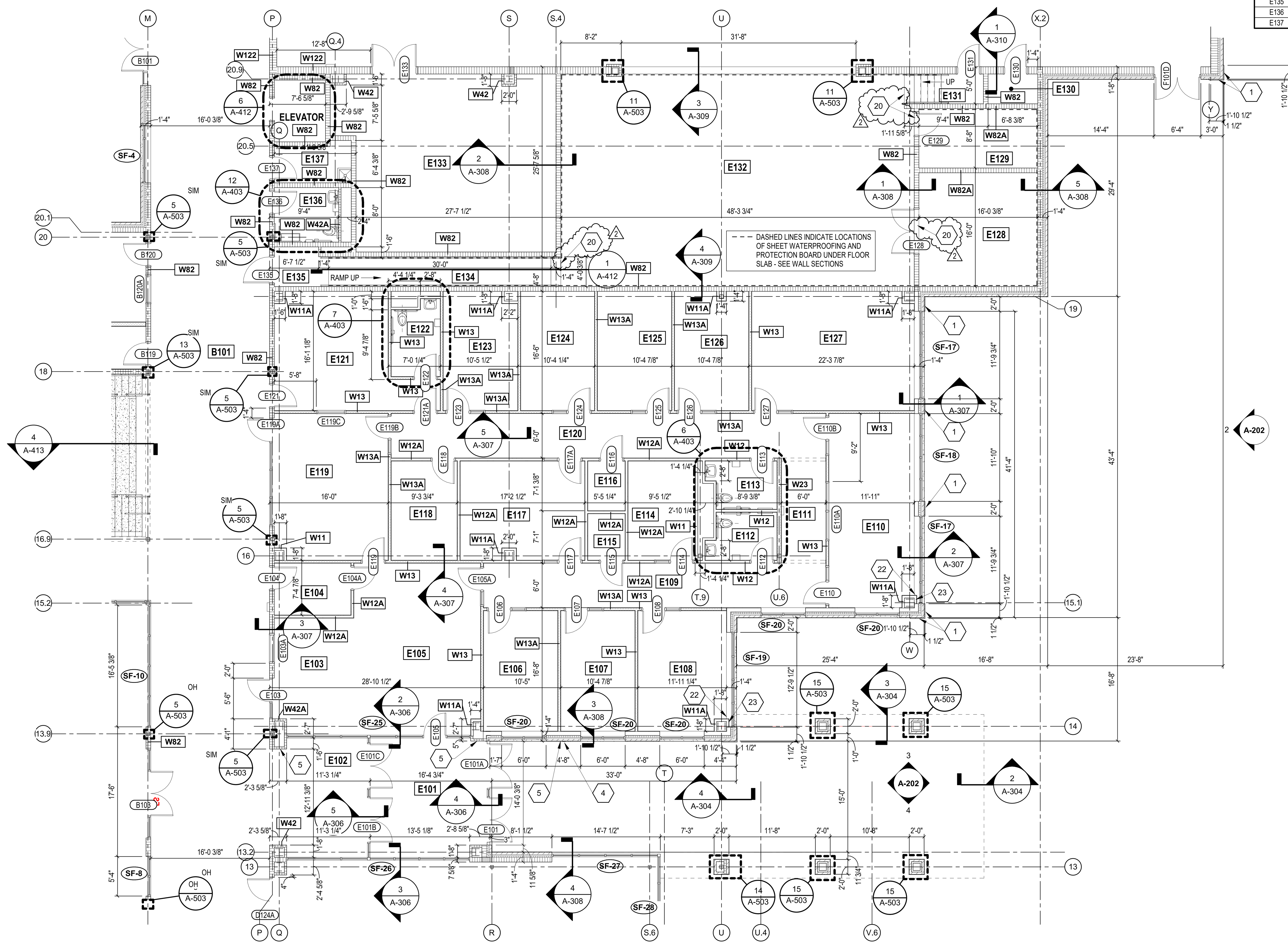

FIRST FLOOR ARCHITECTURAL PLAN - UNIT E

SCALE: 1/8" = 1'-0"

ROOM LEGEND - UNIT E FIRST...

ROOM NO.	ROOM NAME	AREA (SF)
E101	VESTIBULE	260 SF
E102	CORRIDOR	213 SF
E103	ATTENDANCE	164 SF
E104	MAIL	72 SF
E105	ADMIN RECEPTION	400 SF
E106	TREASURER	163 SF
E107	ASSISTANT PRINCIPAL	163 SF
E108	PRINCIPAL OFFICE	191 SF
E109	CORRIDOR	278 SF
E110	LARGE CONFERENCE	299 SF
E111	CORRIDOR	85 SF
E112	STAFF RR	57 SF
E113	STAFF RR	57 SF
E114	SMALL CONFERENCE	121 SF
E115	TECHNOLOGY	32 SF
E116	ELECTRICAL	34 SF
E117	WORK ROOM	222 SF
E118	FILES	119 SF
E119	RECEPTION	301 SF
E120	CORRIDOR	352 SF
E121	CLINIC	274 SF
E122	RESTROOM	64 SF
E123	CONFERENCE	158 SF
E124	GUIDANCE	160 SF
E125	GUIDANCE	161 SF
E126	GUIDANCE	159 SF
E127	IN-SCHOOL SUSPENSION	350 SF
E128	STAGE STORAGE	246 SF
E129	SOUND LIGHT ELEC	129 SF
E130	CLOSET	27 SF
E131	CORRIDOR	34 SF
E132	STAGE	1,376 SF
E133	PE STORAGE	671 SF
E134	RAMP	120 SF
E135	CORRIDOR	38 SF
E136	FAMILY RR	64 SF
E137	CUSTODIAN	53 SF

ARCHITECTURAL PLAN GENERAL NOTES

A. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
B. WHERE DISSIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE.
C. THE BASE FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
D. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL., AND MINERAL WOOL AT THE NON-RATED WALLS, TO ALLOW FOR DEFLECTION.
E. FOR TYPICAL COMMON JOINT DETAILS AND CONSTRUCTION MOVEMENT JOINT DETAILS REFER TO DETAILS ON SHEET A-502.
F. ALL DIMENSIONS ON FLOOR PLANS ARE TO FINISH FACE OF CMU, CONCRETE, BRICK OR FINISH FACE OF GWB AT METAL STUD WALLS, UNLESS NOTED OTHERWISE. EXCEPTION: EXTERIOR METAL STUD WALLS ARE TO FACE OF METAL STUDS.
G. HINGE SIDE DOOR JAMB AT WALLS WILL TYPICALLY BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
H. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSE, EXCEPT AT WINDOW JAMBS, BULKHEADS, WINDOW AND DOOR HEADS.
I. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAIL REFERENCES.
J. REFER TO FINISH PLANS AND EQUIPMENT PLANS FOR LOCATION AND EXTENT OF FINISH FLOOR MATERIALS.
K. PROVIDE WOOD BLOCKING AS REQUIRED. WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
L. REFER TO MASTER/CODE PLANS FOR CODE INFORMATION AND FIRE RATED WALL LOCATIONS.

ARCHITECTURAL PLAN KEYNOTES (X)

W### INDICATES WALL TYPE. REFER TO DRAWING A-100 FOR WALL THICKNESS, HEIGHT AND COMPOSITION.

1. 1 1/2" BRICK BUMP-OUT
2. 1 LAYER OF 5/8" GWB ADHERED TO CMU TO 4" ABOVE CEILING
3. LADDER AND ROOF HATCH (D105) APPROX. 15'-8" TALL (VERIFY). SEE 4-AR102.
4. LOCK BOX
5. AUTO DOOR OPERATOR ACTUATOR
6. LADDER AND ROOF HATCH (D201) APPROX. 14'-4" TALL (VERIFY). SEE 4-AR102.
7. LADDER AND ROOF HATCH (F202) APPROX. 14'-8" TALL (VERIFY). SEE 4-AR102.
8. OPERABLE (FOLDING PANEL) PARTITION - SEE 4-AC102
9. OPERABLE (FOLDING PANEL) PARTITION - SEE 5-AC102
10. GROUND FACE CMU (GFCMU) FINISH ON CORRIDOR / HUDDLE SIDE. AT THE JAMBS OF OPERABLE WALL AND HUDDLE SIDE, THE GFCMU CAN BE 2 WYTHES OF MASONRY TO HAVE FINISHES AT BOTH SIDES. THE GFCMU IS PAINTED CMU AT INTERIOR SIDES OF CLASSROOMS.
11. 6" CMU WALLS UNDER STAIR. SEE ENLARGED STAIR PLAN.
12. MECHANICAL LOUVER - SEE BUILDING ELEVATIONS
13. LAVATORY SHELF - SEE SHEET A-401
14. DECORATIVE METAL FENCING GATE
15. STAINLESS STEEL COUNTER ON TOP OF CMU - 3'-2" H X 4'-0" D X 2'-11" W
16. OPERABLE GLASS PANEL PARTITION - SEE 6-AC102
17. PROVIDE ACOUSTICAL SEALANT AT ALL JOINTS, DISSIMILAR MATERIALS, AND AT INTERSECTION OF WALL TO ROOF DECK, BOTH SIDES OF WALL, FOR FULL PERIMETER OF WALLS.
18. SEE ROOF PLAN FOR STAGE SMOKE VENTS
19. GUARDRAIL GATE. VERIFY EXACT LOCATION AND WIDTH WITH BLEACHER INSTALLER. GATE IS TO BE CENTERED ON BLEACHER AISLE.
20. FLOOR TO FLOOR EXPANSION JOINT COVER
21. FLOOR TO WALL EXPANSION JOINT COVER
22. NOTCH SOLID SURFACE SILL TO ACCOMMODATE COLUMN ENCLOSURE WALL
23. 5/8" GWB ON 3 5/8" METAL STUDS FROM STOREFRONT SILL TO HEAD
24. MASONRY FENCE POST - SEE 13-A-11H
25. DECORATIVE METAL GATE - SEE DOOR HARDWARE SET #43 IN SPEC SECTION 087100 FOR LOCKSET.
26. 8'-0" TALL ORNAMENTAL FENCING
27. TOP OF WALL BELOW CLOSURE - SEE SETAIL 16-A503.
28. 8" CMU 9'-4" WITH 6" CMU ABOVE TO UNDERSIDE OF SECOND FLOOR. NORTH FACE OF 4" CMU TO ALIGN WITH EDGE OF SECOND FLOOR SLAB ABOVE AND FROM COLUMN AT LINE K.2 TO ADJACENT WALL TO THE EAST. SEE GATHERING STAIR CLOSURE DETAIL ON SHEET A503.

NOTE

SOME COLUMN LINES AND REFERENCES HAVE BEEN OMITTED FROM THE FLOOR PLANS FOR CLARITY. SEE STRUCTURAL DRAWINGS FOR COMPLETE COLUMN LINE GRIDS

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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PORTAGE TOWNSHIP SCHOOLS

ARCHITECT

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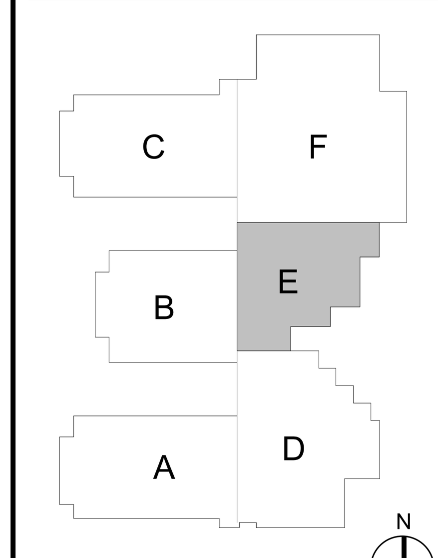
350 E. New York St. Suite 300, Indianapolis, Indiana 46204



KEY PLAN

Construction Documents

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS
DRAWN BY: rlg
PROJECT NUMBER: 223047.01
PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

FIRST FLOOR ARCHITECTURE PLAN - UNIT E

A-11E

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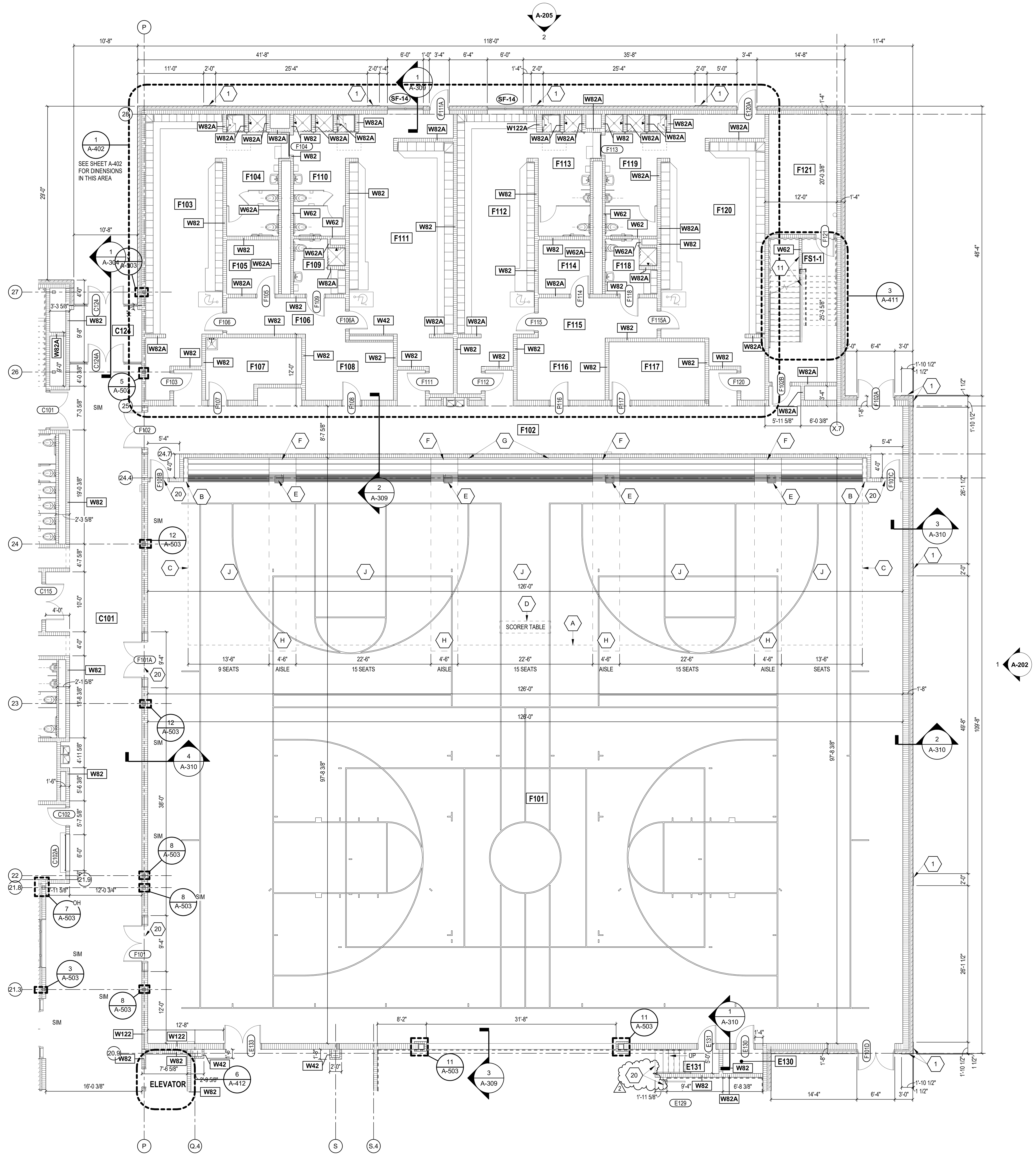
ROOM LEGEND - UNIT F FIRST...

ROOM NO.	ROOM NAME	AREA (SF)
F101	GYMNASIUM	12,261 SF
F102	CORRIDOR	1,209 SF
F103	GIRLS PE LOCKERS	542 SF
F104	RESTROOM	178 SF
F105	ATHLETIC STORAGE	78 SF
F106	CORRIDOR	122 SF
F107	CUSTODIAN	145 SF
F108	OFFICE	149 SF
F109	TOILET	73 SF
F110	RESTROOM	175 SF
F111	GIRLS TEAM LOCKERS	695 SF
F112	BOYS PE LOCKERS	543 SF
F113	RESTROOM	175 SF
F114	ATHLETIC STORAGE	78 SF
F115	CORRIDOR	136 SF
F116	OFFICE	149 SF
F117	TRAINING	156 SF
F118	TOILET	73 SF
F119	RESTROOM	175 SF
F120	BOYS TEAM LOCKER	705 SF
F121	MECHANICAL	228 SF
FS1-1	STAIR	265 SF



1 FIRST FLOOR ARCHITECTURAL PLAN - UNIT F

SCALE: 1/8" = 1'-0"

BLEACHER GENERAL NOTES

- ROWS: 10
- SEATS: 1008
- WHEELCHAIR LOCATIONS: 10 - ALL RECOVERABLE
- AISLES: 4 AT 4'-6" WIDE
- ROW SPACING: 24"
- RISE: 9 5/8"
- WALL ATTACHED
- OPERATION: INTEGRAL POWER

BLEACHER KEYNOTES

A. EXTENT OF BLEACHERS IN OPEN POSITION
B. PROVIDE SELF-STORING END RAILS
C. PROVIDE END CURTAINS
D. PROVIDE SCORER'S TABLE
E. PROVIDE SELF-CLOSING MID AISLE HANDRAILS (FULL HEIGHT)
F. TOP OF DECK IS AT 12'-11 1/8" WITH ONE SEAT BY BLEACHER MANUFACTURER TO BALCONY. SEE SHEET A-413 FOR GATE IN BALCONY GUARDRAIL.
G. PROVIDE SPACER AT BACK OF BLEACHERS TO ACCOMMODATE STEEL TUBE / RAILING SUPPORT SEE WALL SECTION INDICATED.
H. FRONT / BOTTOM STEP TO FOLD BACK INTO BLEACHERS
J. REFER TO BLEACHER ELEVATION FOR SEATING GRAPHICS AND COLORS.

ARCHITECTURAL PLAN GENERAL NOTES

A. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
B. WHERE DISSIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE.
C. THE BASE FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
D. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL., AND MINERAL WOOL AT THE NON-RATED WALLS, TO ALLOW FOR DEFLECTION.
E. FOR TYPICAL COMMON JOINT DETAILS AND CONSTRUCTION MOVEMENT JOINT DETAILS REFER TO DETAILS ON SHEET A-502.
F. ALL DIMENSIONS ON FLOOR PLANS ARE TO FINISH FACE OF CMU, CONCRETE, BRICK OR FINISH FACE OF GWB AT METAL STUD WALLS, UNLESS NOTED OTHERWISE. EXCEPTION: EXTERIOR METAL STUD WALLS ARE TO FACE OF METAL STUDS.
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ARCHITECTURAL PLAN KEYNOTES

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5. AUTO DOOR OPERATOR ACTUATOR
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7. LADDER AND ROOF HATCH (F202) APPROX. 14'-8" TALL (VERIFY). SEE 4-AR102.
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9. OPERABLE (FOLDING PANEL) PARTITION - SEE 5-AC102
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12. MECHANICAL LOUVER - SEE BUILDING ELEVATIONS
13. LAVATORY SHELF - SEE SHEET A-401
14. DECORATIVE METAL FENCING GATE
15. STAINLESS STEEL COUNTER ON TOP OF CMU - 3'-2" H X 4'-0" D X 2'-11" W
16. OPERABLE GLASS PANEL PARTITION - SEE 6-AC102
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18. SEE ROOF PLAN FOR STAGE SMOKE VENTS
19. GUARDRAIL GATE. VERIFY EXACT LOCATION AND WIDTH WITH BLEACHER INSTALLER. GATE IS TO BE CENTERED ON BLEACHER AISLE.
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24. MASONRY FENCE POST - SEE 13-A-11H
25. DECORATIVE METAL GATE - SEE DOOR HARDWARE SET #43 IN SPEC SECTION 087100 FOR LOCKSET.
26. 8'-0" TALL ORNAMENTAL FENCING
27. TOP OF WALL BELOW CLOSURE - SEE SETAIL 16-A503.
28. 8" CMU 9'-4" WITH 6" CMU ABOVE TO UNDERSIDE OF SECOND FLOOR. NORTH FACE OF 4" CMU TO ALIGN WITH EDGE OF SECOND FLOOR SLAB ABOVE AND FROM COLUMN AT LINE K.2 TO ADJACENT WALL TO THE EAST. SEE GATHERING STAIR CLOSURE DETAIL ON SHEET A503.

NOTE

SOME COLUMN LINES AND REFERENCES HAVE BEEN OMITTED FROM THE FLOOR PLANS FOR CLARITY. SEE STRUCTURAL DRAWINGS FOR COMPLETE COLUMN LINE GRIDS

VERIFICATION NOTE

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ARCHITECT

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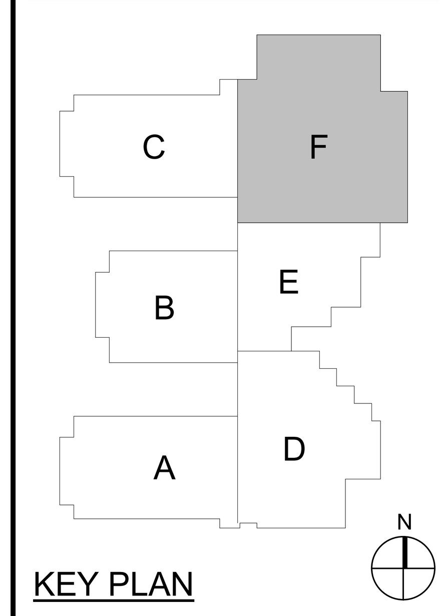

KEY PLAN

Construction Documents

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS
DRAWN BY: rlg
PROJECT NUMBER: 223047.01
PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

FIRST FLOOR ARCHITECTURE PLAN - UNIT F

A-11F

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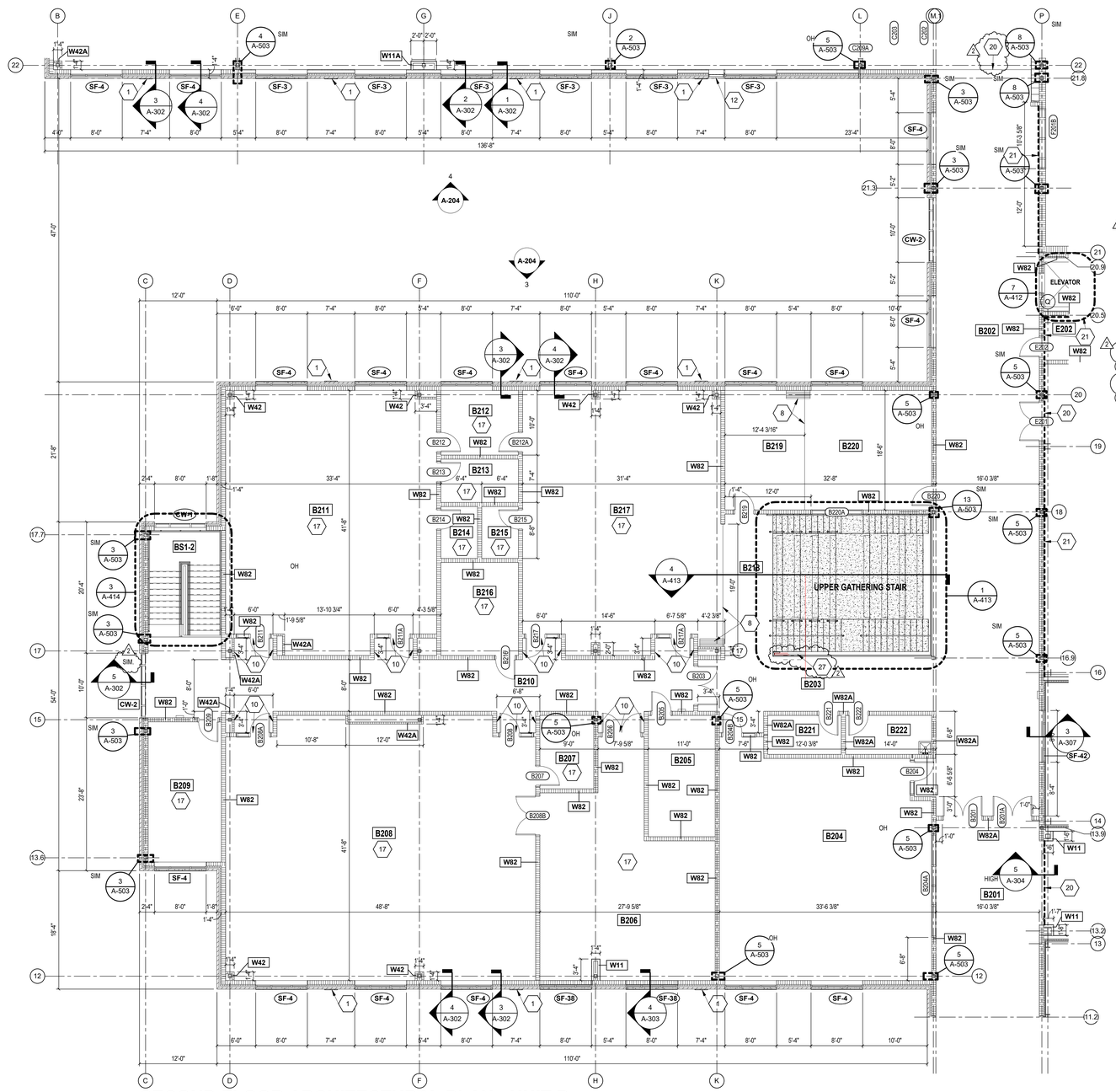
ROOM LEGEND - UNIT B SECOND...

ROOM NO.	ROOM NAME	AREA (SF)
B201	UPPER MAIN HALL	398 SF
B202	UPPER MAIN HALL	1,871 SF
B203	CORRIDOR	318 SF
B204	MULTI-PURPOSE INSTRUCTION	1,131 SF
B205	MECHANICAL	195 SF
B206	INSTRUMENTS	765 SF
B207	PRACTICE	95 SF
B208	BAND	1,902 SF
B209	ENSEMBLE	247 SF
B210	CORRIDOR	843 SF
B211	ORCHESTRA	1,271 SF
B212	STORAGE	120 SF
B213	PRACTICE	81 SF
B214	PRACTICE	46 SF
B215	PRACTICE	46 SF
B216	MECHANICAL	173 SF
B217	VOCAL	1,202 SF
B218	GATHERING STAIR	146 SF
B219	SGI	223 SF
B220	SGI	358 SF
B221	ELECTRICAL	69 SF
B222	CUSTODIAN	81 SF
BS1-2	STAIR	216 SF



SECOND FLOOR ARCHITECTURAL PLAN - UNIT B

SCALE: 1/8" = 1'-0"

ARCHITECTURAL PLAN GENERAL NOTES

A. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
B. WHERE DISSIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE.
C. THE BASE FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
D. ALL INTERIOR MASONRY WALLS S THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS, TO ALLOW FOR DEFLECTION.
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J. REFER TO FINISH PLANS AND EQUIPMENT PLANS FOR LOCATION AND EXTENT OF FINISH FLOOR MATERIALS.
K. PROVIDE WOOD BLOCKING AS REQUIRED. WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
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ARCHITECTURAL PLAN KEYNOTES

(X)

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ARCHITECT

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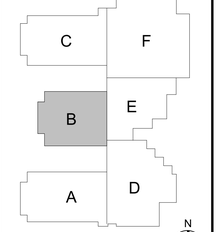

KEY PLAN

Construction Documents

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: rlg

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

SECOND FLOOR ARCHITECTURE PLAN - UNIT B

A-12B

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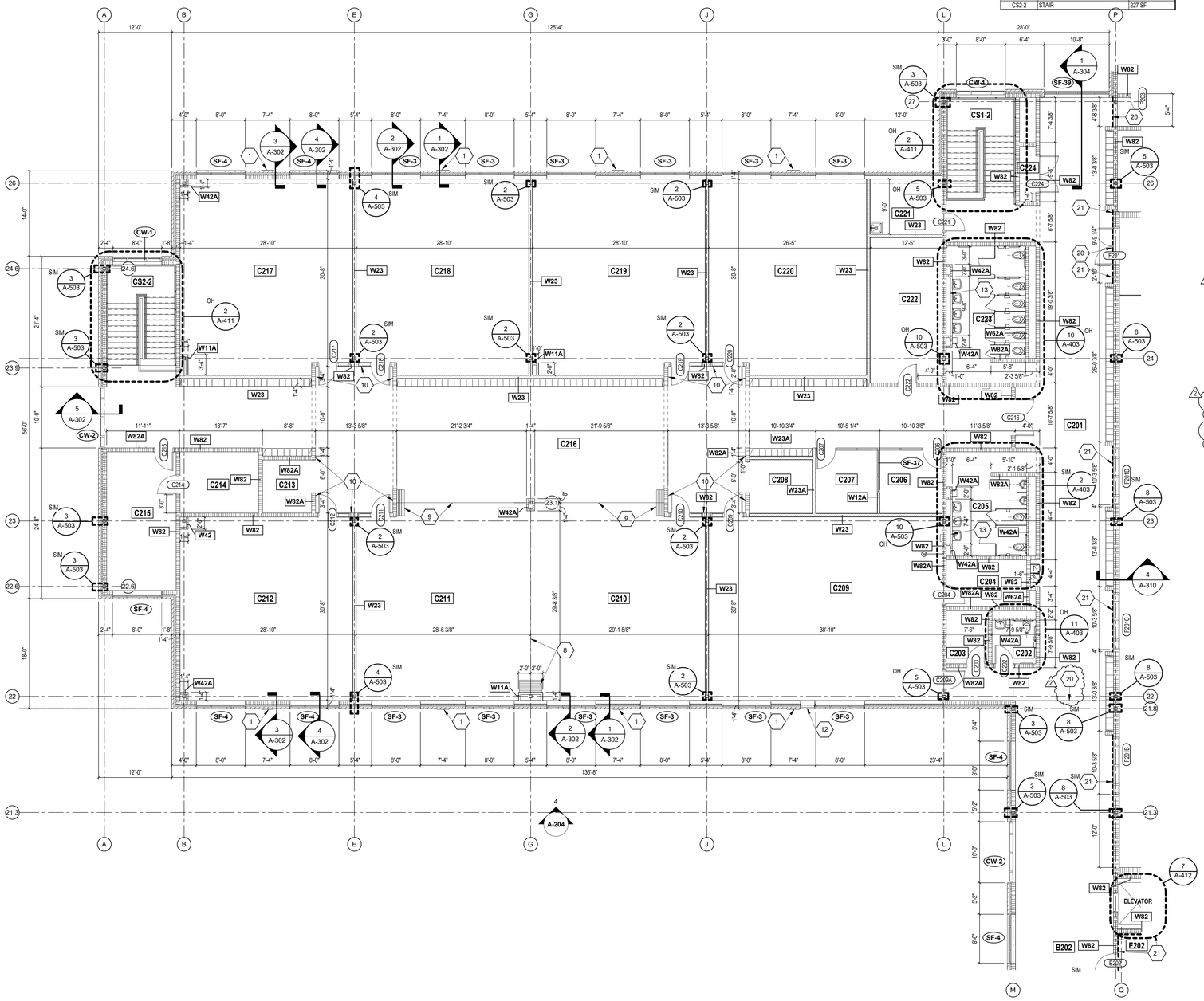
ROOM LEGEND - UNIT C SECOND...

ROOM NO.	ROOM NAME	AREA (SF)
C201	UPPER MAIN HALL	1,343 SF
C202	RESTROOM	51 SF
C203	E / T	60 SF
C204	PREP	101 SF
C205	BOYS	217 SF
C206	SGI	109 SF
C207	SGI	107 SF
C208	HUDDLE	90 SF
C209	SCIENCE	1,147 SF
C210	CLASSROOM	889 SF
C211	CLASSROOM	889 SF
C212	CLASSROOM	843 SF
C213	HUDDLE	70 SF
C214	MECHANICAL	129 SF
C215	TEACHERS	258 SF
C216	COLLABORATION	2,369 SF
C217	CLASSROOM	885 SF
C218	CLASSROOM	892 SF
C219	CLASSROOM	889 SF
C220	SPECIAL ED	814 SF
C221	CUSTODIAN	106 SF
C222	MECHANICAL	280 SF
C223	GIRLS	282 SF
C224	ELECTRICAL	24 SF
CS1-2	STAIR	293 SF
CS2-2	STAIR	227 SF



SECOND FLOOR ARCHITECTURAL PLAN - UNIT C

SCALE: 1/8" = 1'-0"

ARCHITECTURAL PLAN GENERAL NOTES

A. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
B. WHERE DISSIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE.
C. THE BASE FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
D. ALL INTERIOR MASONRY WALLS S THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS, TO ALLOW FOR DEFLECTION.
E. FOR TYPICAL COMMON JOINT DETAILS AND CONSTRUCTION MOVEMENT JOINT DETAILS REFER TO DETAILS ON SHEET A-502.
F. ALL DIMENSIONS ON FLOOR PLANS ARE TO FINISH FACE OF CMU, CONCRETE, BRICK OR FINISH FACE OF GWB AT METAL STUD WALLS, UNLESS NOTED OTHERWISE. EXCEPTION: EXTERIOR METAL STUD WALLS ARE TO FACE OF METAL STUDS.
G. HINGE SIDE DOOR JAMB AT WALLS WILL TYPICALLY BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
H. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSE. EXCEPT AT WINDOW JAMBS, BULKHEADS, WINDOW AND DOOR HEADS.
I. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAIL REFERENCES.
J. REFER TO FINISH PLANS AND EQUIPMENT PLANS FOR LOCATION AND EXTENT OF FINISH FLOOR MATERIALS.
K. PROVIDE WOOD BLOCKING AS REQUIRED. WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
L. REFER TO MASTER/CODE PLANS FOR CODE INFORMATION AND FIRE RATED WALL LOCATIONS.

ARCHITECTURAL PLAN KEYNOTES

X

W### INDICATES WALL TYPE. REFER TO DRAWING A-100 FOR WALL THICKNESS, HEIGHT AND COMPOSITION.

1. 1 1/2" BRICK BUMP-OUT
2. 1 LAYER OF 5/8" GWB ADHERED TO CMU TO 4" ABOVE CEILING
3. LADDER AND ROOF HATCH (D105) APPROX. 15'-8" TALL (VERIFY). SEE 4-AR102.
4. LOCK BOX.
5. AUTO DOOR OPERATOR ACTUATOR
6. LADDER AND ROOF HATCH (D201) APPROX. 14'-4" TALL (VERIFY). SEE 4-AR102.
7. LADDER AND ROOF HATCH (F202) APPROX. 14'-8" TALL (VERIFY). SEE 4-AR102.
8. OPERABLE (FOLDING PANEL) PARTITION - SEE 4-AC102
9. OPERABLE (FOLDING PANEL) PARTITION - SEE 5-AC102
10. GROUND FACE CMU (GFCMU) FINISH ON CORRIDOR / HUDDLE SIDE. AT THE JAMBS OF OPERABLE WALL AND HUDDLE SIDE, THE GFCMU CAN BE 2 WYTHES OF MASONRY TO HAVE FINISHES AT BOTH SIDES. THE GFCMU IS PAINTED CMU AT INTERIOR SIDES OF CLASSROOMS.
11. 6" CMU WALLS UNDER STAIR. SEE ENLARGED STAIR PLAN.
12. MECHANICAL LOUVER - SEE BUILDING ELEVATIONS
13. LAVATORY SHELF - SEE SHEET A-401
14. DECORATIVE METAL FENCING GATE
15. STAINLESS STEEL COUNTER ON TOP OF CMU - 3'-2" H X 4'-0" D X 2'-11" W
16. OPERABLE GLASS PANEL PARTITION - SEE 6-AC102
17. PROVIDE ACOUSTICAL SEALANT AT ALL JOINTS, DISSIMILAR MATERIALS, AND AT INTERSECTION OF WALL TO ROOF DECK, BOTH SIDES OF WALL, FOR FULL PERIMETER OF WALLS.
18. SEE ROOF PLAN FOR STAGE SMOKE VENTS
19. GUARDRAIL GATE. VERIFY EXACT LOCATION AND WIDTH WITH BLEACHER INSTALLER. GATE IS TO BE CENTERED ON BLEACHER AISLE.
20. FLOOR TO FLOOR EXPANSION JOINT COVER
21. FLOOR TO WALL EXPANSION JOINT COVER
22. NOTCH SOLID SURFACE SILL TO ACCOMMODATE COLUMN ENCLOSURE WALL
23. 5/8" GWB ON 3 5/8" METAL STUDS FROM STOREFRONT SILL TO HEAD
24. MASONRY FENCE POST - SEE 13-A-11H
25. DECORATIVE METAL GATE - SEE DOOR HARDWARE SET #43 IN SPEC SECTION 087100 FOR LOCKSET.
26. 8'-0" TALL ORNAMENTAL FENCING
27. TOP OF WALL BELOW CLOSURE - SEE SETAIL 16-A503.
28. 8" CMU 9'-4" WITH 6" CMU ABOVE TO UNDERSIDE OF SECOND FLOOR. NORTH FACE OF 4" CMU TO ALIGN WITH EDGE OF SECOND FLOOR SLAB ABOVE AND FROM COLUMN AT LINE K.2 TO ADJACENT WALL TO THE EAST. SEE GATHERING STAIR CLOSURE DETAIL ON SHEET A503.

NOTE

SOME COLUMN LINES AND REFERENCES HAVE BEEN OMITTED FROM THE FLOOR PLANS FOR CLARITY. SEE STRUCTURAL DRAWINGS FOR COMPLETE COLUMN LINE GRIDS

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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The New Wallace Aylesworth Middle School

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ARCHITECT

FANNING HOWEY

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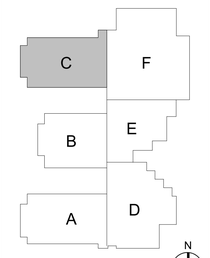
350 E. New York St. Suite 300, Indianapolis, Indiana 46204



KEY PLAN

Construction Documents

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: rlg

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

SECOND FLOOR ARCHITECTURE PLAN - UNIT C

A-12C

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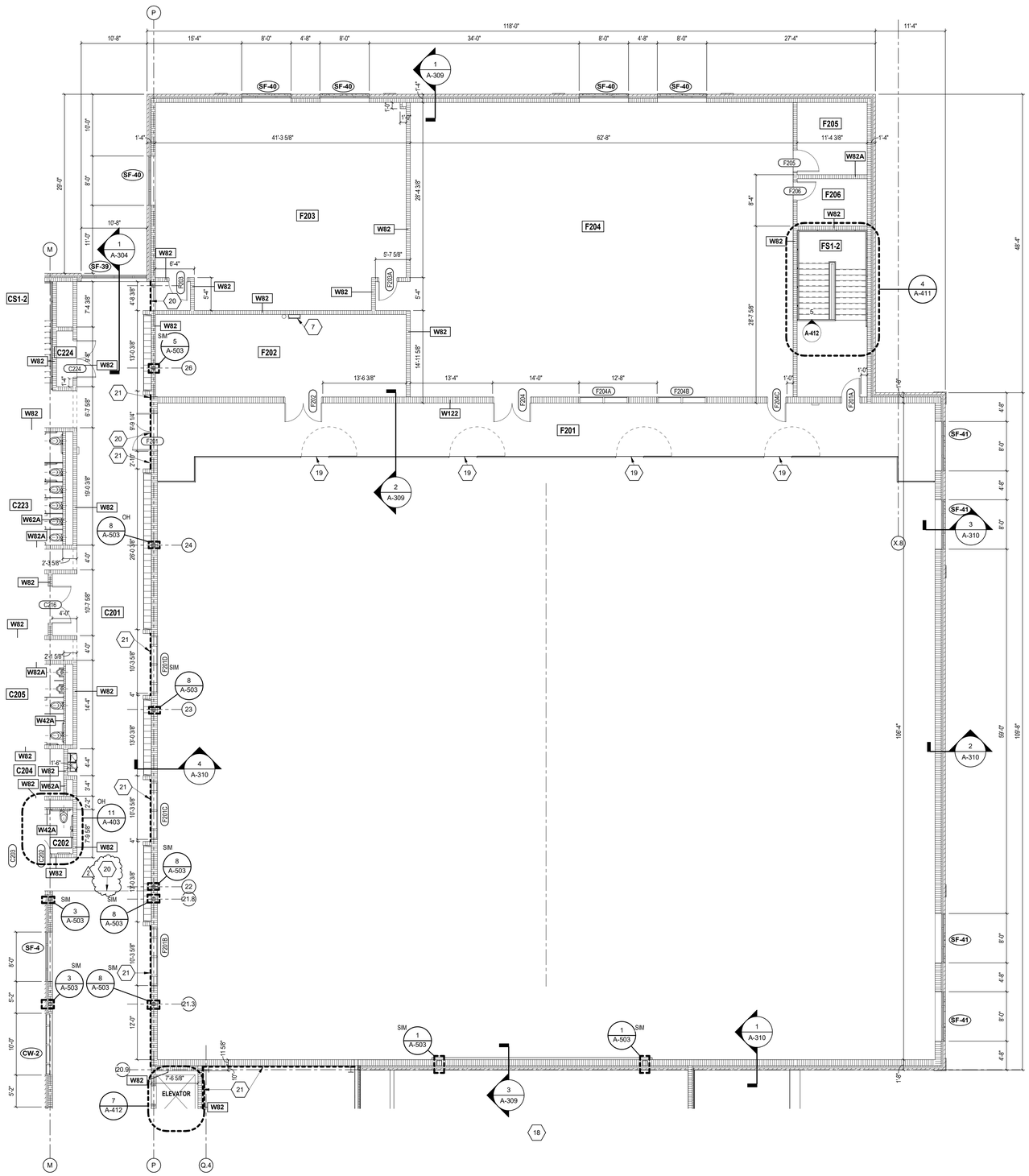
ROOM LEGEND - UNIT F SECOND...

ROOM NO.	ROOM NAME	AREA (SF)
F201	BALCONY	1,137 SF
F202	MECHANICAL	543 SF
F203	MULTI-PURPOSE INSTRUCTION	1,306 SF
F204	FITNESS	2,985 SF
F205	STORAGE	133 SF
F206	ELECTRICAL	87 SF
FS1-2	STAIR	307 SF



SECOND FLOOR ARCHITECTURAL PLAN - UNIT F

SCALE: 1/8" = 1'-0"

ARCHITECTURAL PLAN GENERAL NOTES

A. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
B. WHERE DISSIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE.
C. THE BASE FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
D. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS, TO ALLOW FOR DEFLECTION.
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F. ALL DIMENSIONS ON FLOOR PLANS ARE TO FINISH FACE OF CMU, CONCRETE, BRICK OR FINISH FACE OF GWB AT METAL STUD WALLS, UNLESS NOTED OTHERWISE. EXCEPTION: EXTERIOR METAL STUD WALLS ARE TO FACE OF METAL STUDS.
G. HINGE SIDE DOOR JAMB AT WALLS WILL TYPICALLY BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
H. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSE. EXCEPT AT WINDOW JAMBS, BULKHEADS, WINDOW AND DOOR HEADS.
I. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAIL REFERENCES.
J. REFER TO FINISH PLANS AND EQUIPMENT PLANS FOR LOCATION AND EXTENT OF FINISH FLOOR MATERIALS.
K. PROVIDE WOOD BLOCKING AS REQUIRED. WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
L. REFER TO MASTER/CODE PLANS FOR CODE INFORMATION AND FIRE RATED WALL LOCATIONS.

ARCHITECTURAL PLAN KEYNOTES

X

—— W### INDICATES WALL TYPE. REFER TO DRAWING A-100 FOR WALL THICKNESS, HEIGHT AND COMPOSITION.

1. 1 1/2" BRICK BUMP-OUT
2. 1 LAYER OF 5/8" GWB ADHERED TO CMU TO 4" ABOVE CEILING
3. LADDER AND ROOF HATCH (D105) APPROX. 15'-8" TALL (VERIFY). SEE 4-AR102.
4. LOCK BOX
5. AUTO DOOR OPERATOR ACTUATOR
6. LADDER AND ROOF HATCH (D201) APPROX. 14'-4" TALL (VERIFY). SEE 4-AR102.
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12. MECHANICAL LOUVER - SEE BUILDING ELEVATIONS
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14. DECORATIVE METAL FENCING GATE
15. STAINLESS STEEL COUNTER ON TOP OF CMU - 3'-2" H X 4'-0" D X 2'-11" W
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17. PROVIDE ACOUSTICAL SEALANT AT ALL JOINTS, DISSIMILAR MATERIALS, AND AT INTERSECTION OF WALL TO ROOF DECK, BOTH SIDES OF WALL, FOR FULL PERIMETER OF WALLS.
18. SEE ROOF PLAN FOR STAGE SMOKE VENTS
19. GUARDRAIL GATE. VERIFY EXACT LOCATION AND WIDTH WITH BLEACHER INSTALLER. GATE IS TO BE CENTERED ON BLEACHER AISLE.
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23. 5/8" GWB ON 3 5/8" METAL STUDS FROM STOREFRONT SILL TO HEAD
24. MASONRY FENCE POST - SEE 13-A-11H
25. DECORATIVE METAL GATE - SEE DOOR HARDWARE SET #43 IN SPEC SECTION 087100 FOR LOCKSET.
26. 8'-0" TALL ORNAMENTAL FENCING
27. TOP OF WALL BELOW CLOSURE - SEE SETAIL 16-A503.
28. 8" CMU 9'-4" WITH 6" CMU ABOVE TO UNDERSIDE OF SECOND FLOOR. NORTH FACE OF 4" CMU TO ALIGN WITH EDGE OF SECOND FLOOR SLAB ABOVE AND FROM COLUMN AT LINE K.2 TO ADJACENT WALL TO THE EAST. SEE GATHERING STAIR CLOSURE DETAIL ON SHEET A503.

NOTE

SOME COLUMN LINES AND REFERENCES HAVE BEEN OMITTED FROM THE FLOOR PLANS FOR CLARITY. SEE STRUCTURAL DRAWINGS FOR COMPLETE COLUMN LINE GRIDS

VERIFICATION NOTE

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The New Wallace Aylesworth Middle School

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ARCHITECT

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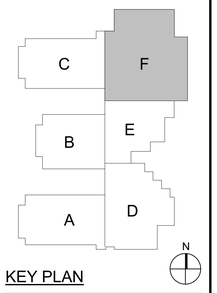

KEY PLAN

Construction Documents

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: rlg

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

SECOND FLOOR ARCHITECTURE PLAN - UNIT F

A-12F

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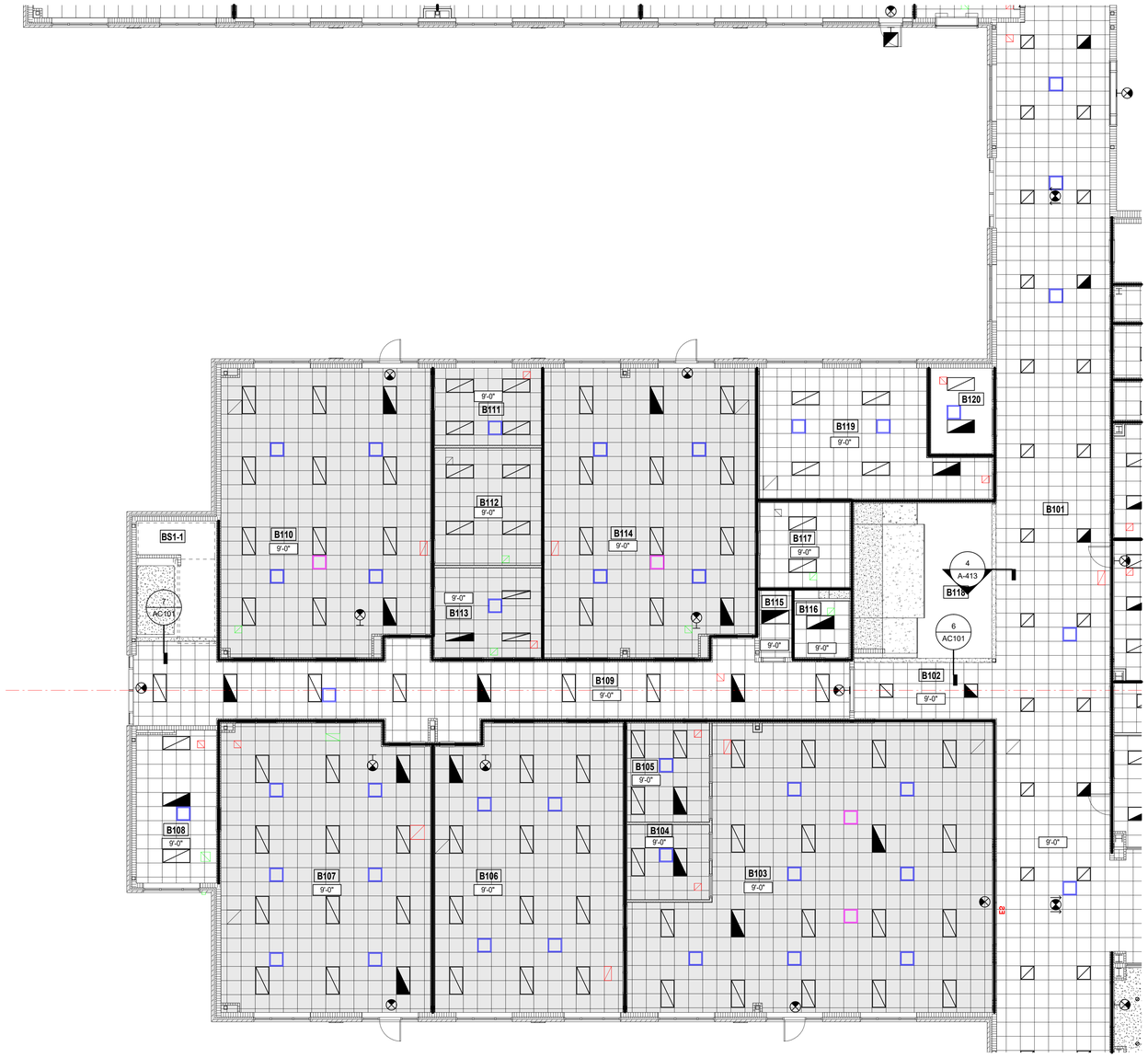

FIRST FLOOR CEILING PLAN - UNIT B

SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN NOTES

A. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT TO THE ROOF DECK

REFLECTED CEILING NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. CMU WALL ABOVE - REFER TO STRUCTURAL DRAWINGS.
2. INTERIOR FINISH SYSTEM (IFS) CEILING - SEE 1-AC11F
3. 4" HIGH PERIMETER TRIM AROUND LAY-IN CEILING CLOUD. TYPICAL FOR ALL CAFETERIA/ ACADEMIC CLOUDS.
4. PROVIDE CLOSURE TRIM BETWEEN ACT AND FOOD SERVICE COOLER / FREEZER
5. CUBICLE CURTAIN TRACK - SEE EQUIPMENT DRAWINGS
6. METAL PLATE SOFFIT - 3' X 3'

SHADED AREA INDICATES WHERE 2" THICK SPRAYED ACOUSTIC INSULATION IS TO BE APPLIED TO UNDERSIDE OF SECOND FLOOR FLOOR DECK

ROOM LEGEND - UNIT B FIRST...

ROOM NO.	ROOM NAME	AREA (SF)
B101	MAIN HALL	2,209 SF
B102	CORRIDOR	190 SF
B103	MEDIA CENTER	1,827 SF
B104	MEDIA OFFICE	123 SF
B105	MEDIA WORKROOM	164 SF
B106	MEDIA CLASSROOM	1,071 SF
B107	ART	1,190 SF
B108	KILN / STORAGE	243 SF
B109	CORRIDOR	913 SF
B110	PLTW	1,187 SF
B111	PLANNING	165 SF
B112	STORAGE	250 SF
B113	CLEAN LAB	192 SF
B114	PLTW	1,198 SF
B115	TECH	43 SF
B116	RESTROOM	63 SF
B117	STORAGE	154 SF
B118	GATHERING STAIR	419 SF
B119	ALTERNATIVE CLASSROOM	491 SF
B120	SRO OFFICE	105 SF
BS1-1	STAIR	208 SF

REFLECTED CEILING PLAN LEGEND

- INDICATES WALLS TO BOTTOM OF DECK
- 10'-4" — INDICATES ELEVATION HEIGHT
- XX'-XX" — INDICATES CEILING HEIGHT
- X1 XX'-XX" — INDICATES ACOUSTIC PANEL CEILING TYPE AND HEIGHT. REFER TO PROJECT MANUAL FOR "TYPE"
- LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- CLOCK - REFER TO TECHNOLOGY DRAWINGS
- MECHANICAL DIFFUSER - REFER TO MECHANICAL DRAWINGS
- MECHANICAL RETURN AIR GRILLE - REFER TO MECHANICAL DRAWINGS
- CEILING MOUNTED MECHANICAL UNIT - REFER TO MECHANICAL DRAWINGS
- MECHANICAL UNIT HEATER - REFER TO MECHANICAL DRAWINGS
- IC — RECESSED CEILING SPEAKER
- M — MOTION DETECTOR
- CEILING MOUNTED EXIT LIGHT
- CAM — CEILING MOUNTED CAMERA
- W — WIRELESS ACCESS POINT (WAP)
- CJ — CONTROL JOINT IN GYPSUM BOARD CEILING OR BULKHEAD
- S — SOUND REINFORCEMENT SPEAKER
- H — FIRE ALARM HEAT DETECTOR
- F — FIRE ALARM HORN STROBE
- S — FIRE ALARM SPEAKER STROBE
- V — FIRE ALARM STROBE
- P — FIRE ALARM SMOKE DETECTOR
- OCCUPANCY SENSOR
- ACOUSTICAL CEILING TILE (ACT)
- ACOUSTICAL CEILING TILE (ACT)
- GYPSUM WALL BOARD BULKHEAD / CEILING EXTERIOR FINISH SYSTEM (E.F.S.) EXTERIOR INSULATION FINISH SYSTEM (E.I.F.S.)
- INTERIOR FINISH SYSTEM (I.F.S.)
- METAL SOFFIT PANELS

VERIFICATION NOTE

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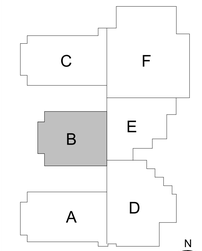

KEY PLAN

Construction Documents

PAULA MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: DRAWN BY: AME

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

FIRST FLOOR REFLECTED CEILING PLAN - UNIT B

AC11B

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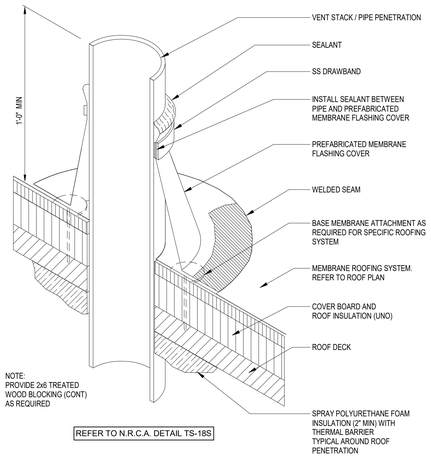
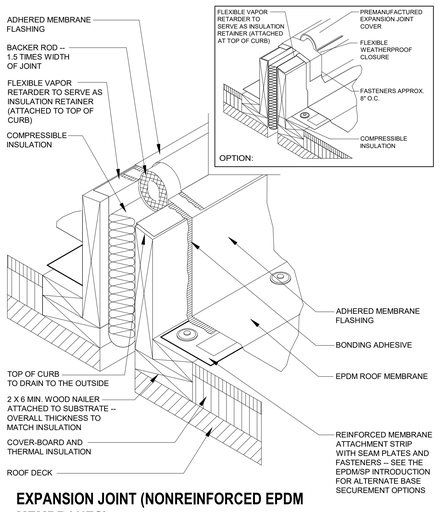


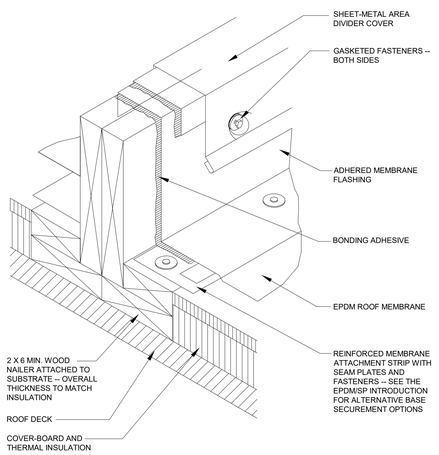
9 VENT STACK (VS)

SCALE: 12" = 1'-0"



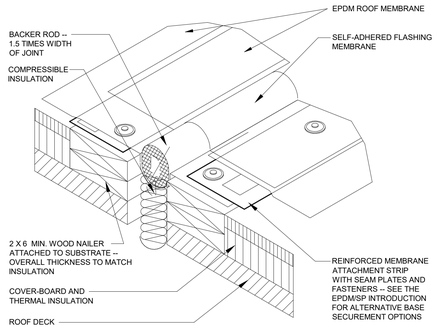
10 EXPANSION JOINT (NONREINFORCED EPDM MEMBRANES)

SCALE: 12" = 1'-0"



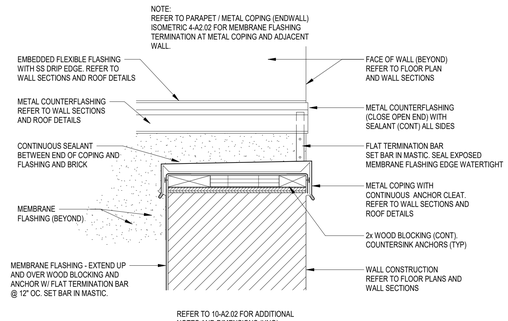
11 AREA DIVIDER IN ROOF SYSTEM

SCALE: 12" = 1'-0"



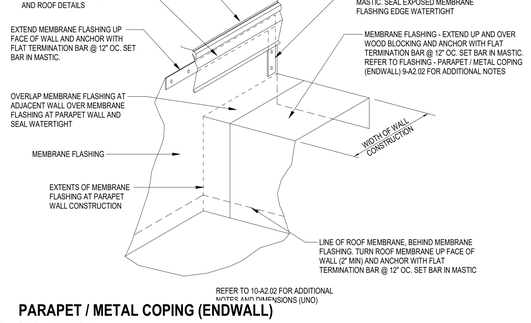
5 EXPANSION JOINT (NONREINFORCED EPDM MEMBRANES)

SCALE: 12" = 1'-0"



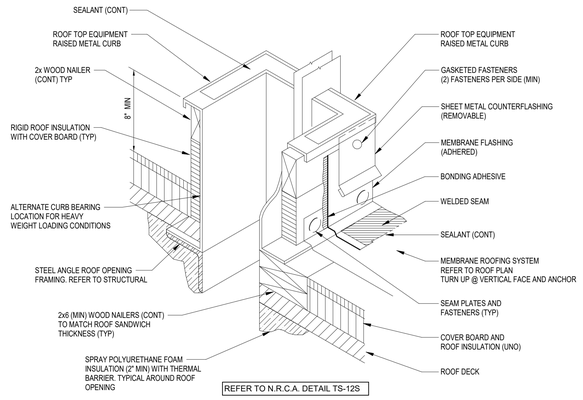
6 FLASHING - PARAPET / METAL COPING (ENDWALL)

SCALE: 1 1/2" = 1'-0"



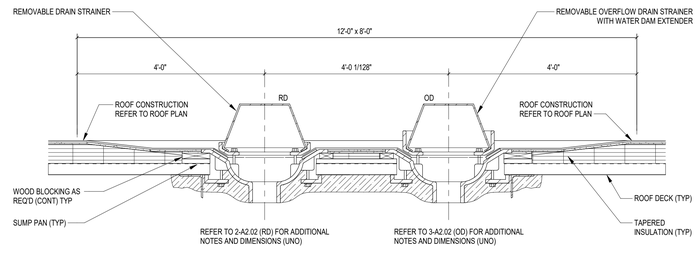
7 PARAPET / METAL COPING (ENDWALL) ISOMETRIC

SCALE: 1 1/2" = 1'-0"



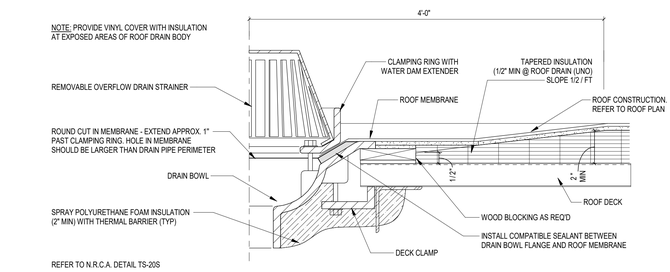
8 PREFABRICATED ROOF CURB

SCALE: 12" = 1'-0"



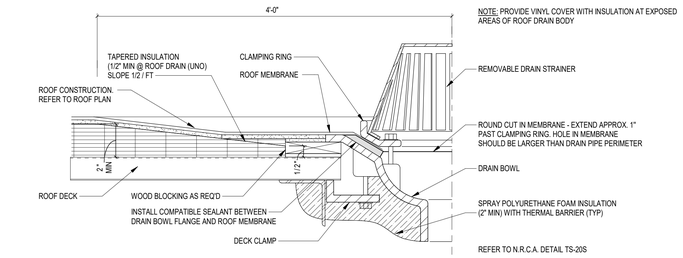
1 SECTION - ROOF DRAIN (RD) / OVERFLOW DRAIN (OD)

SCALE: 3/4" = 1'-0"



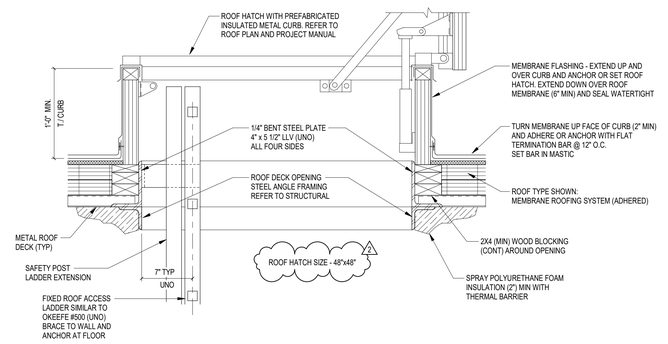
2 OVERFLOW DRAIN (OD)

SCALE: 1 1/2" = 1'-0"



3 ROOF DRAIN (RD)

SCALE: 1 1/2" = 1'-0"



4 ROOF HATCH WITH LADDER

SCALE: 1 1/2" = 1'-0"

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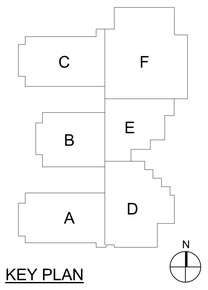

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: Author

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

ROOF DETAILS

AR102

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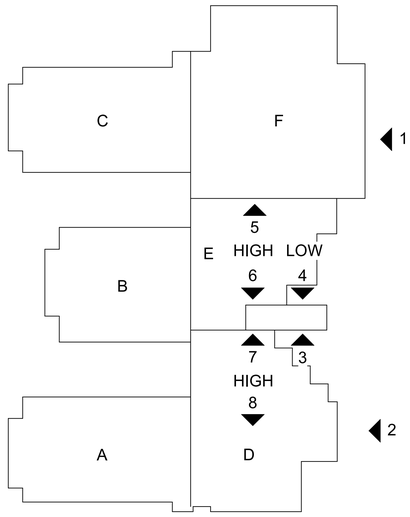
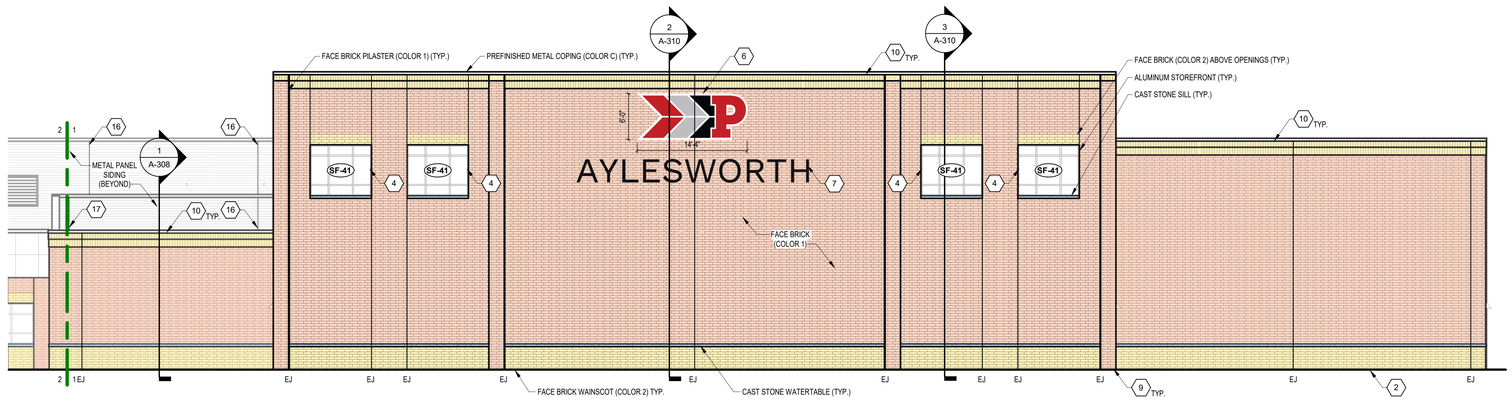
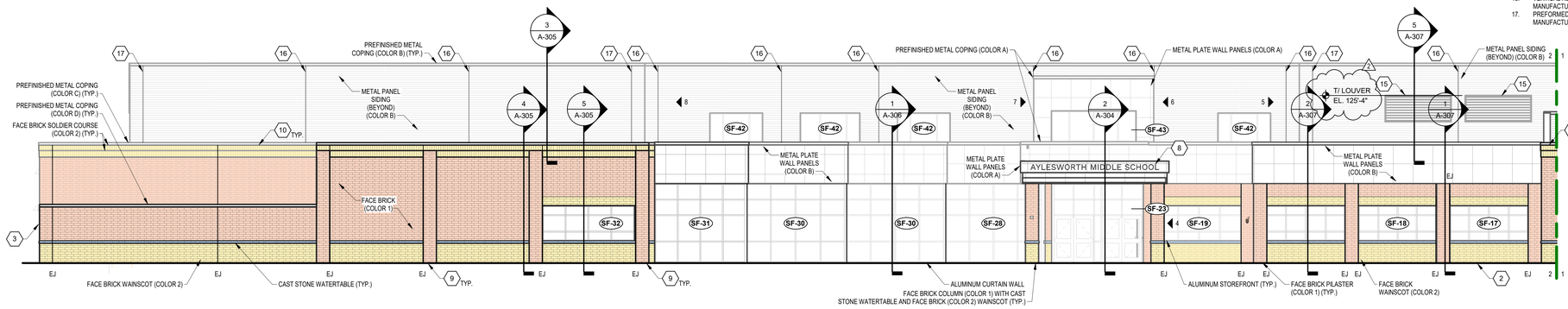


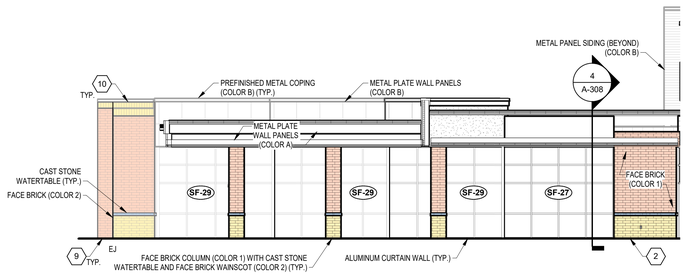
KEY PLAN



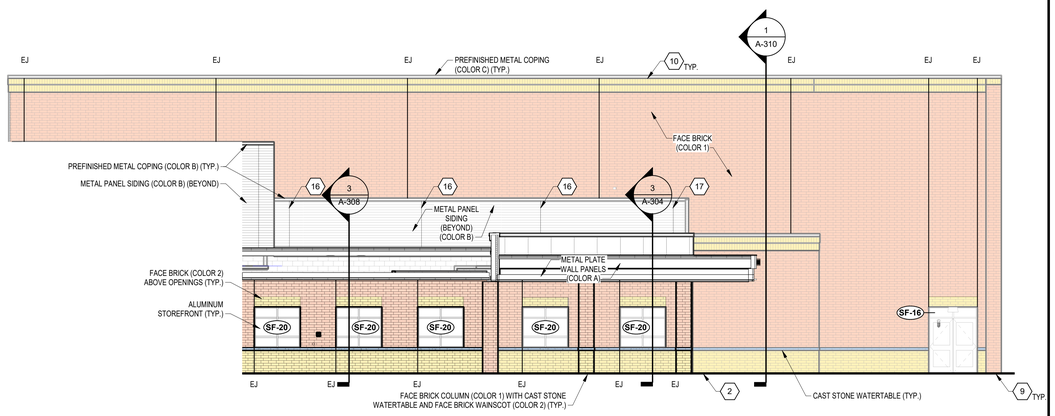
1 EAST ELEVATION - NORTH
SCALE: 1/8" = 1'-0"



2 EAST ELEVATION - SOUTH
SCALE: 1/8" = 1'-0"



4 UNIT D - NORTH ELEVATION
SCALE: 1/8" = 1'-0"



3 UNIT E - SOUTH ELEVATION
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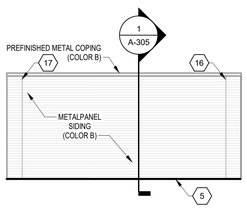
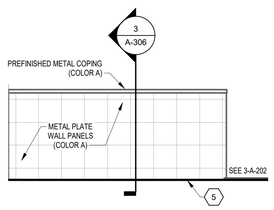
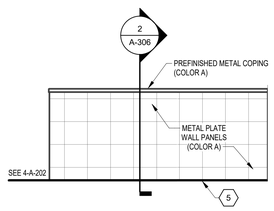


8 UNIT D (MECH) NORTH ELEVATION (HIGH)
SCALE: 1/8" = 1'-0"



7 MAIN ENTRY - SOUTH ELEVATION (HIGH)
SCALE: 1/8" = 1'-0"



6 MAIN ENTRY - NORTH ELEVATION (HIGH)
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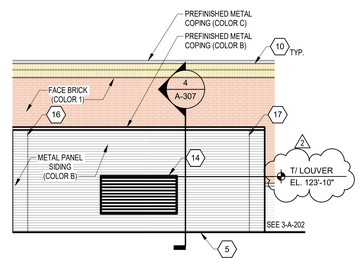

5 UNIT E (MECH) SOUTH ELEVATION (HIGH)
SCALE: 1/8" = 1'-0"

ELEVATION LEGEND

- FACE BRICK (COLOR 1)
- FACE BRICK (COLOR 2)
- CAST STONE WATERTABLE AND SILL (COLOR 3)

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

ELEVATIONS GENERAL NOTES

A. REFER TO THE ELECTRICAL AND TECHNOLOGY DRAWINGS FOR CAMERA, LOCATIONS, SECURITY DEVICES, RECEPTACLES, LIGHT FIXTURES, ETC. COORDINATE LOCATIONS WITH VENEER COURSING TO PROVIDE CONSISTENT MOUNTING HEIGHTS.
B. REFER TO PLUMBING DRAWINGS FOR EXTERIOR WALL HYDRANTS, ETC. COORDINATE PENETRATIONS THROUGH EXTERIOR ENVELOPE WITH OTHER TRADES. PROVIDE TRANSITION MEMBRANE TO MAINTAIN AIR BARRIER SYSTEM.
C. REFER TO MECHANICAL DRAWINGS FOR EXTERIOR LOUVER LOCATIONS LOCATED IN EXTERIOR WALL AND EXTERIOR SOFFITS. COORDINATE PENETRATIONS THROUGH EXTERIOR ENVELOPE WITH OTHER TRADES. PROVIDE TRANSITION MEMBRANE TO MAINTAIN AIR BARRIER SYSTEM.
D. SEALANT COLOR TO MATCH ADJACENT BRICK COLORS.
E. THE PREFINISHED METAL COPINGS SHALL HAVE A TOTAL OF FOUR COLORS. TWO MATCHING THE METAL COLORS AND TWO MATCHING THE BRICK COLORS. REFER TO ELEVATIONS FOR LOCATIONS.
F. UNLESS NOTED OTHERWISE, BRICK IS TO BE UTILITY SIZE (NOMINAL 4"x4"x12")

ELEVATION KEYNOTES

1. BRICK / METAL PLATE WALL PANEL JOINT (TYP.)
2. GRADE. REFER TO SITE DRAWINGS
3. MASONRY SCREEN WALL
4. PROVIDE TRANSPARENT GLAZING AT STOREFRONT LOCATION
5. ROOF LINE
6. ILLUMINATED SCHOOL LOGO
   A. 14-4" x 6'-0"
7. BACKLIGHT BUILDING LETTERS
   A. FONT: WORK SANS
   B. HEIGHT: 3'-0"
   C. COLOR: TBD
8. BACKLIGHT BUILDING LETTERS
   A. FONT: WORK SANS
   B. HEIGHT: 0'-10"
   C. COLOR: TBD
9. FACE BRICK PILASTER (COLOR 1) WITH BRICK OFFSET. REFER TO PLANS
10. FACE BRICK SOLDIER COURSE (COLOR 2) WITH BRICK OFFSETS. REFER TO WALL SECTIONS
11. SPANDREL GLASS. REFER TO CURTAIN WALL ELEVATIONS
12. MECHANICAL LOUVER TYPE #1 - SEE SHEET A-602. LOUVER COLOR TO MATCH ADJACENT BRICK
13. MECHANICAL LOUVER TYPE #2 - SEE SHEET A-602. LOUVER COLOR TO MATCH ADJACENT BRICK
14. MECHANICAL LOUVER TYPE #3 - SEE SHEET A-602. LOUVER COLOR TO MATCH ADJACENT METAL PANELS
15. MECHANICAL LOUVER TYPE #4 - SEE SHEET A-602. LOUVER COLOR TO MATCH ADJACENT METAL PANELS
16. VERTICAL REVEAL TRIM PER METAL PANEL SIDING MANUFACTURER
17. PREFORMED OUTSIDE CORNER PER METAL PANEL SIDING MANUFACTURER

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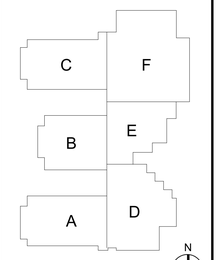

KEY PLAN

Construction Documents

PAULA A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: MNZ

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

BUILDING ELEVATIONS

A-202

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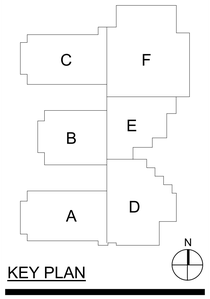


KEY PLAN

Construction Documents

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: rlg

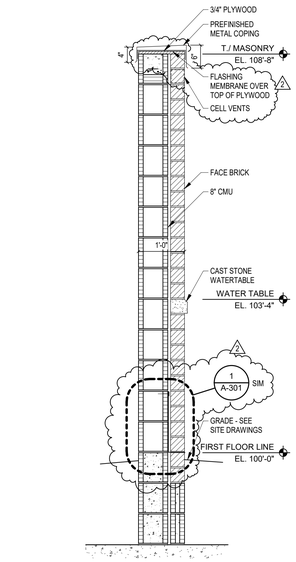
PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

WALL SECTIONS

A-304



6 **WALL SECTION**
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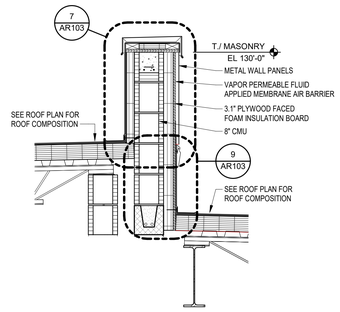

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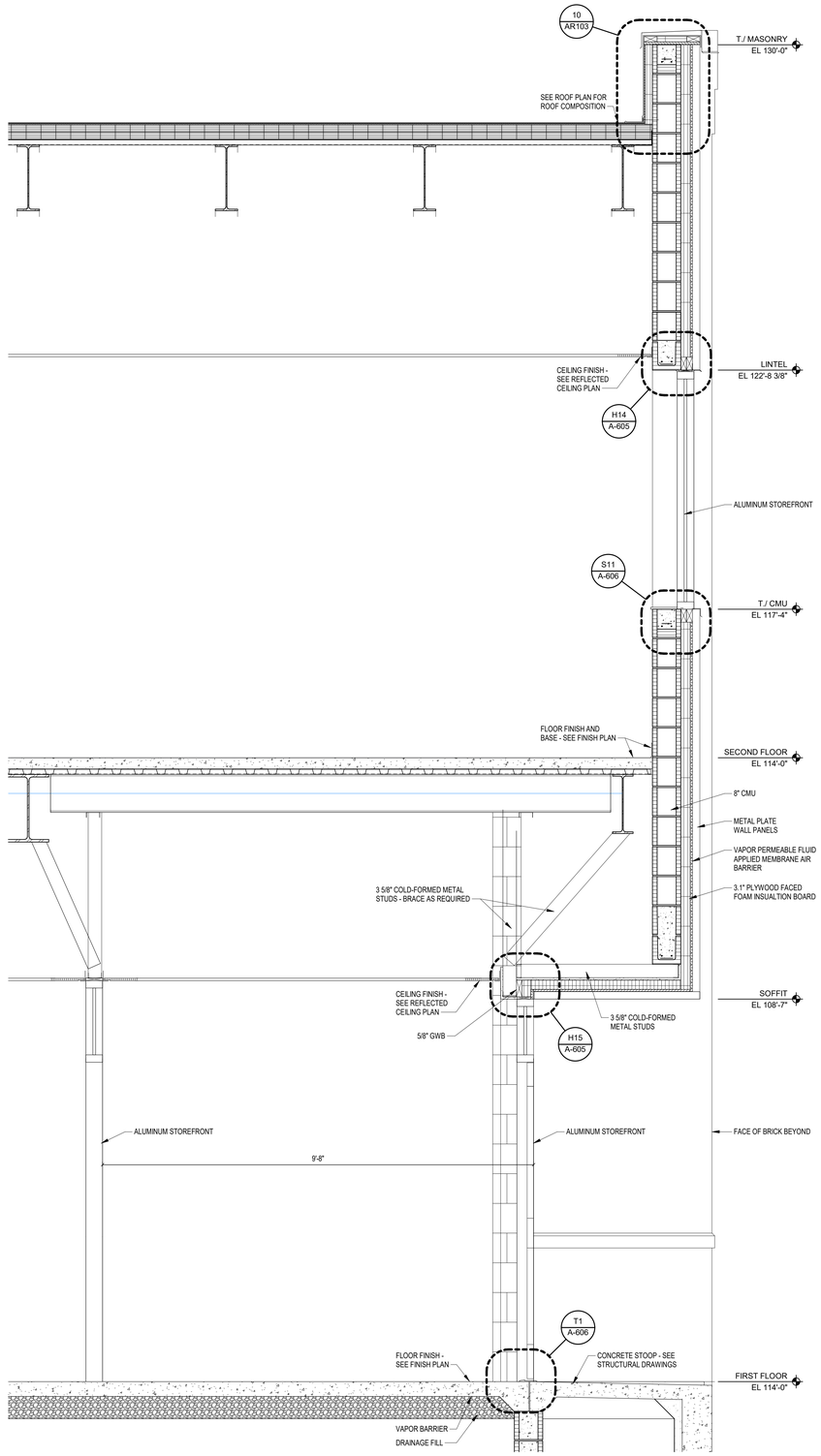

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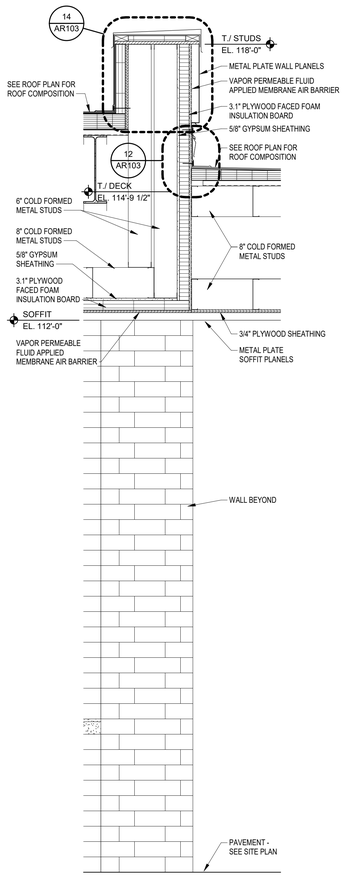

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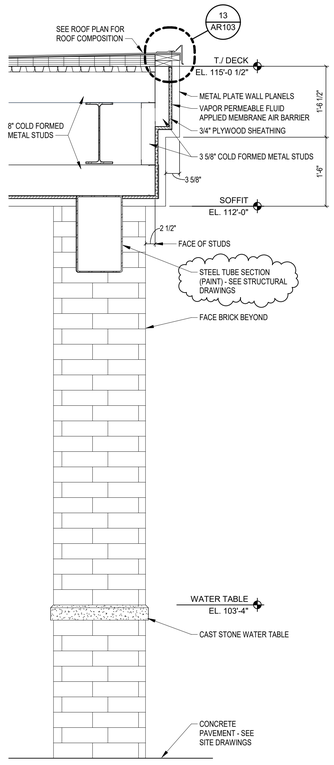

3 **WALL SECTION**
SCALE: 3/4" = 1'-0"

2 **WALL SECTION**
SCALE: 3/4" = 1'-0"

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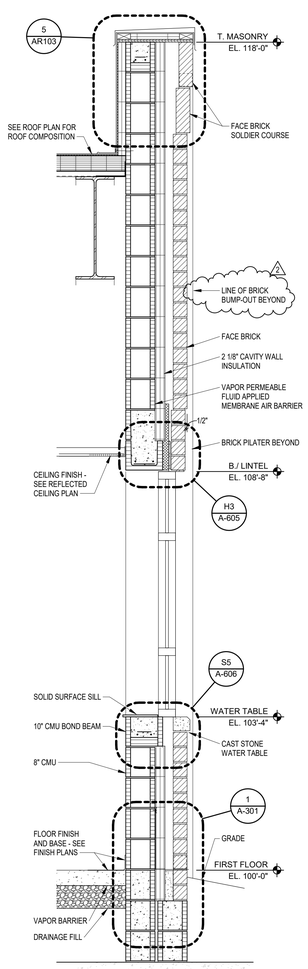

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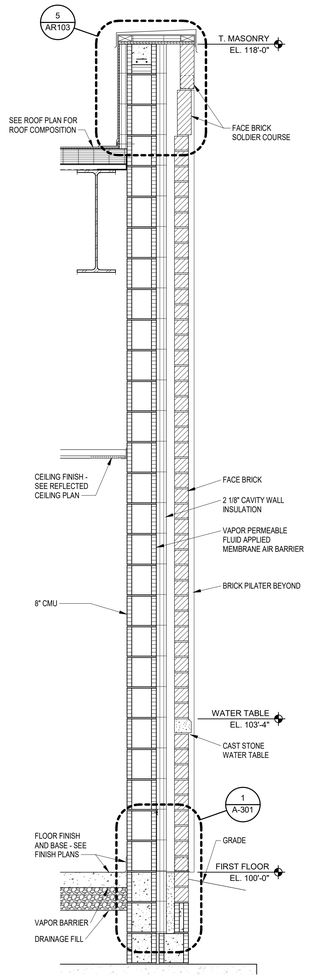

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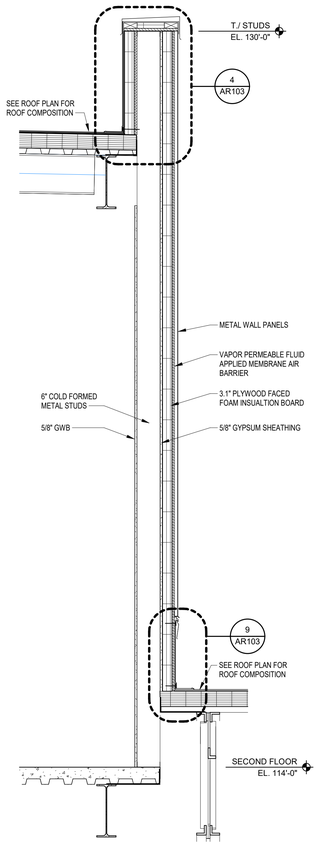

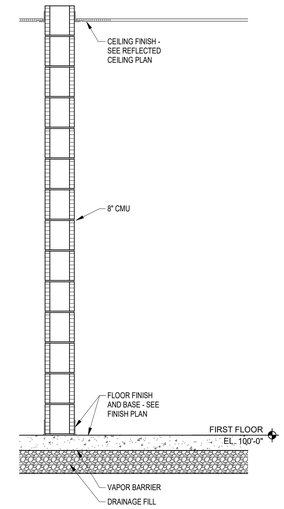

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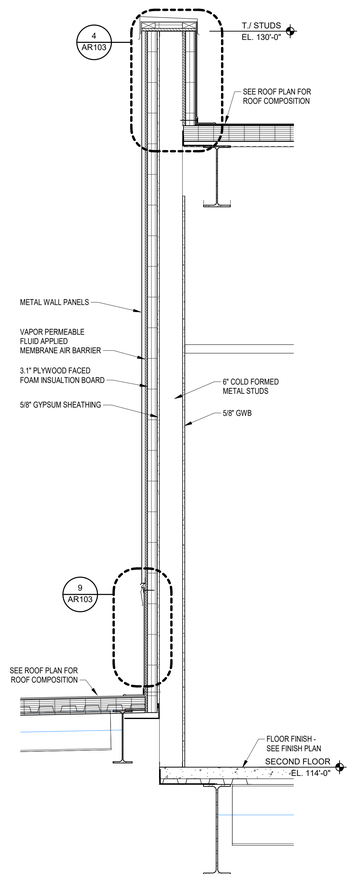

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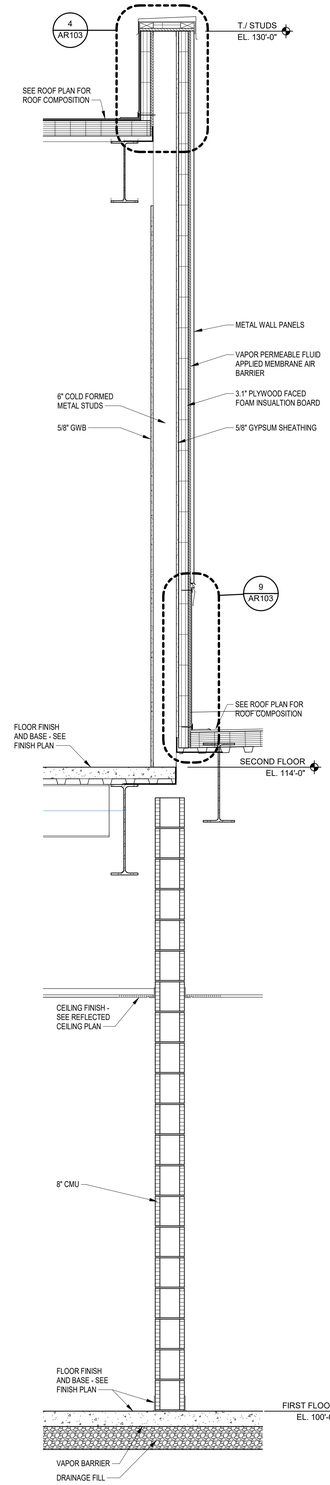

1 **WALL SECTION**
SCALE: 3/4" = 1'-0"

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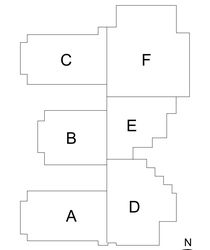

KEY PLAN

Construction Documents

PAULA A. MILLER
REGISTERED
No. AR10800161
STATE OF
INDIANA
ARCHITECT

PROJECT MANAGER: MKS
DRAWN BY: rlg
PROJECT NUMBER: 223047.01
PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

WALL SECTIONS

A-305

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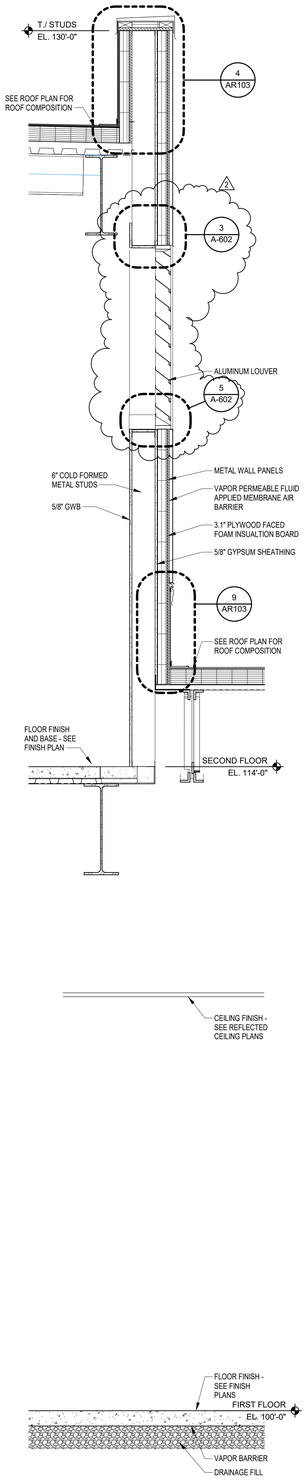

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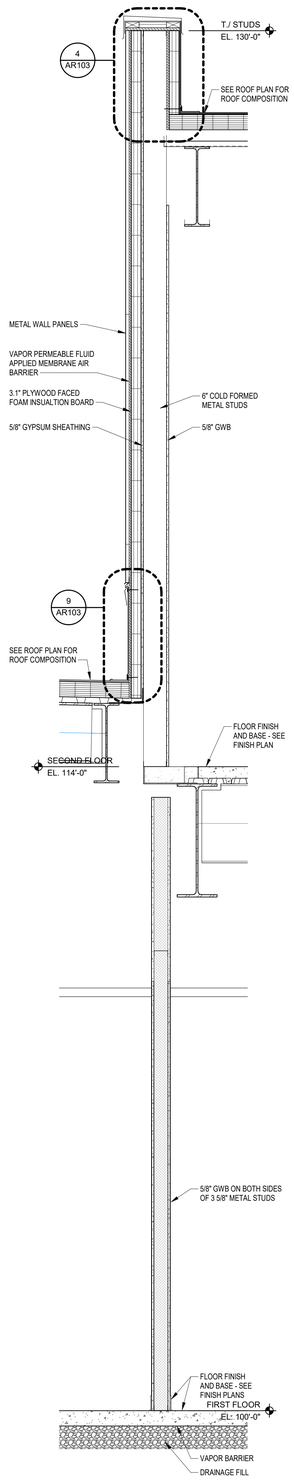

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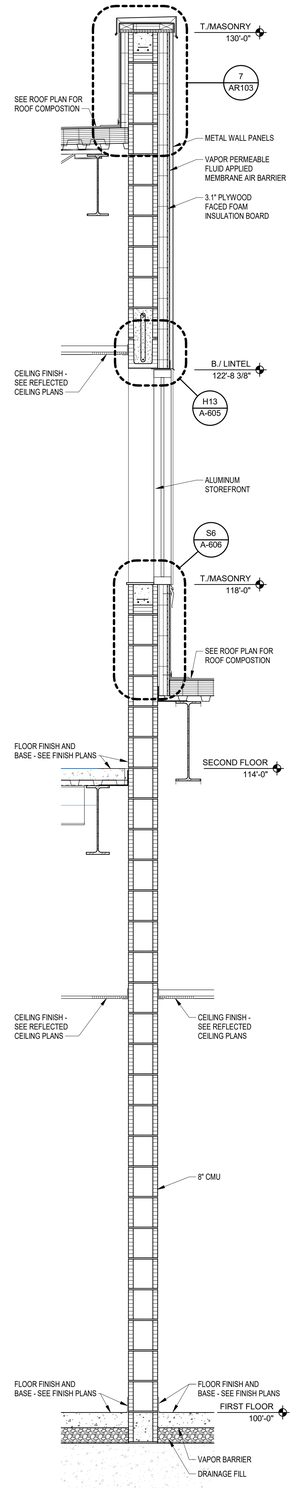

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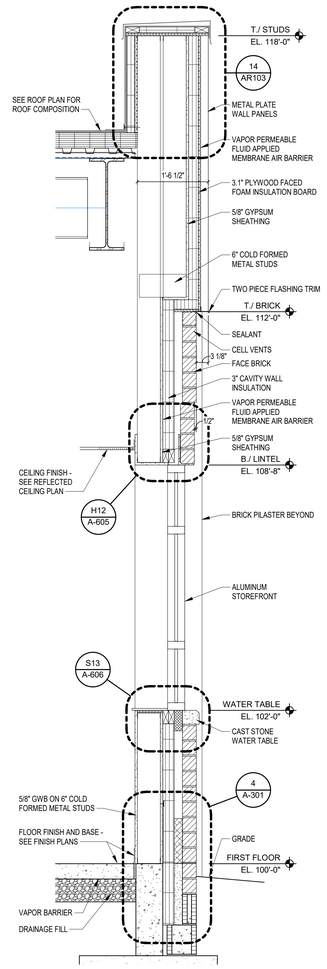

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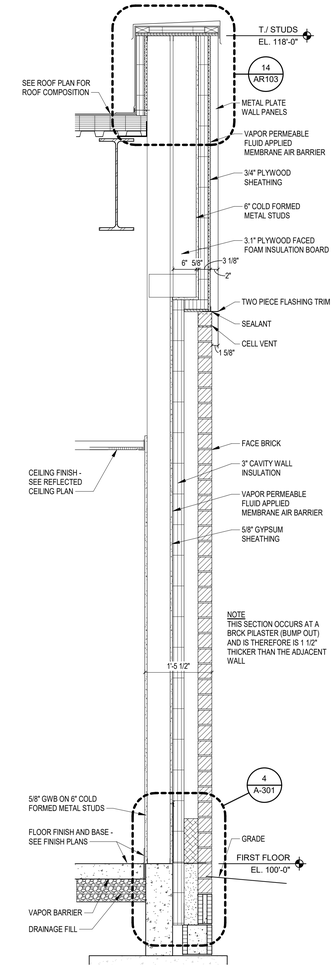

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SCALE: 3/4" = 1'-0"

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46368

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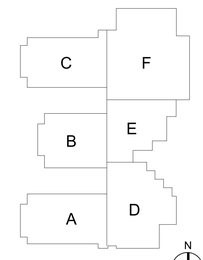

KEY PLAN

Construction Documents

PAUL A. MILLER
REGISTERED
No. AR10800181
STATE OF
INDIANA
ARCHITECT

PROJECT MANAGER: MKS
DRAWN BY: rlg
PROJECT NUMBER: 223047.01
PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

WALL SECTIONS

A-307

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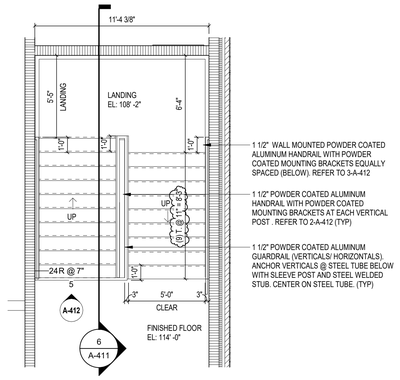
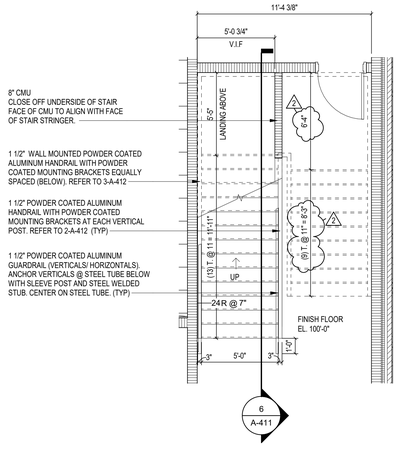


4 ENLARGED PLAN - FS1-2 STAIR - SECOND FLOOR

SCALE: 1/4" = 1'-0"



3 ENLARGED PLAN - FS1-1 STAIR - FIRST FLOOR

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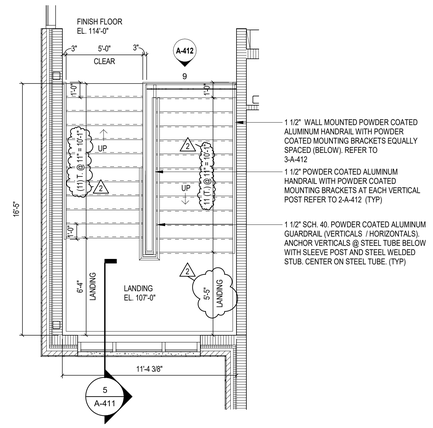
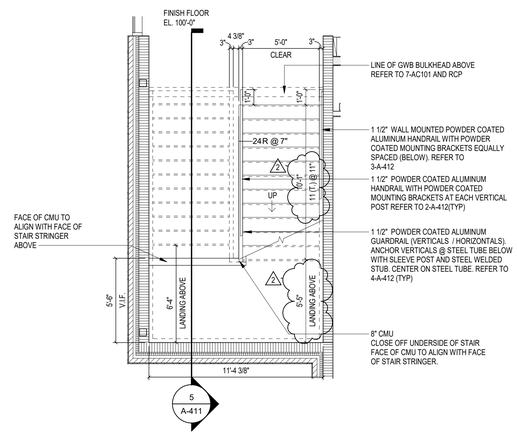


2 ENLARGED PLAN - AS2-2 STAIR - SECOND FLOOR

SCALE: 1/4" = 1'-0"



1 ENLARGED PLAN - AS2-1 STAIR - FIRST FLOOR

SCALE: 1/4" = 1'-0"

6 STAIR SECTION - FS1

SCALE: 3/4" = 1'-0"

5 STAIR SECTION - AS2

SCALE: 3/4" = 1'-0"

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350 E. New York St. Suite 300, Indianapolis, Indiana 46204

N

Construction Documents

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: AME

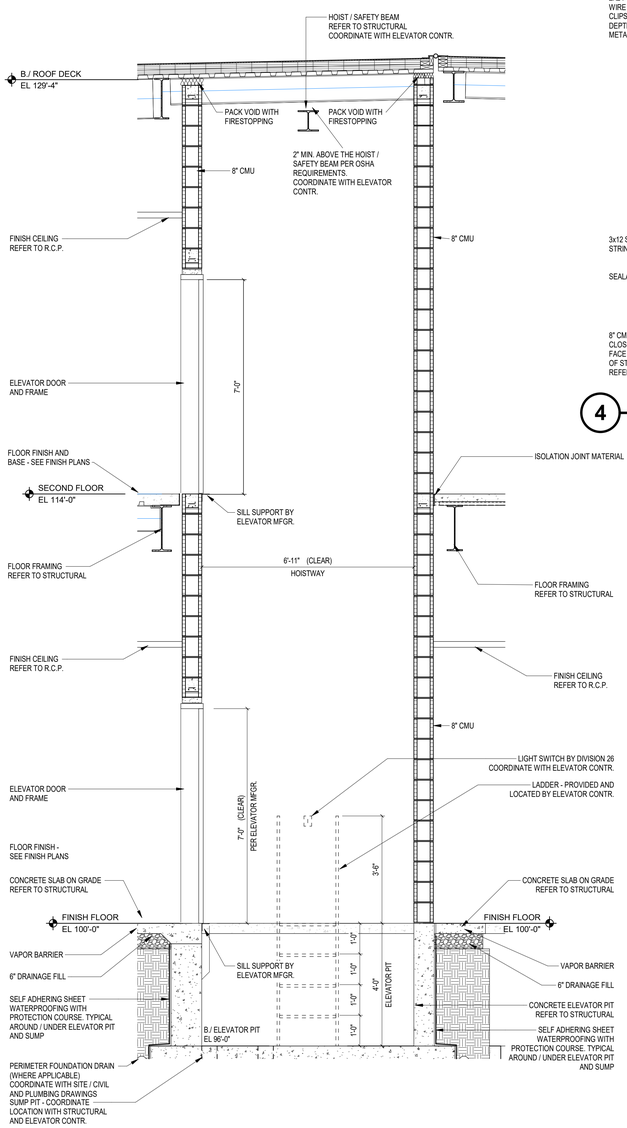
PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

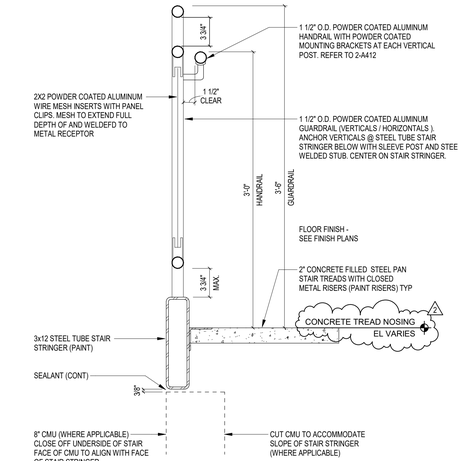
REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

VERTICAL CIRCULATION

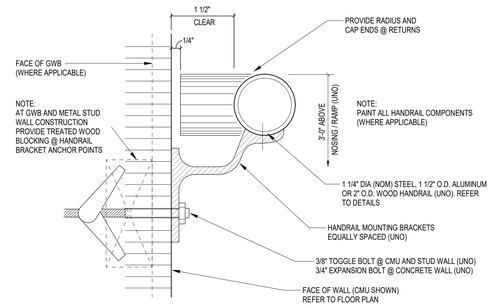
A-411



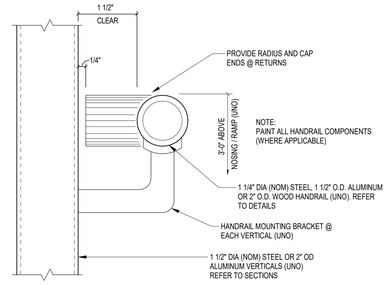
8 ELEVATOR
SCALE: 1/2" = 1'-0"



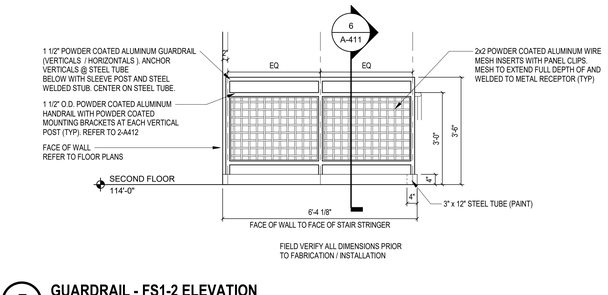
4 GUARDRAIL
SCALE: 1 1/2" = 1'-0"



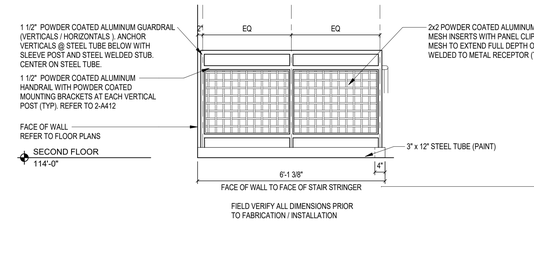
3 HANDRAIL - WALL MOUNT
SCALE: 1 1/2" = 1'-0"



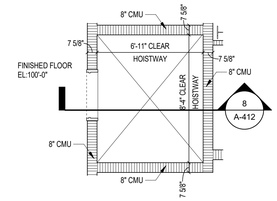
2 HANDRAIL - VERTICAL METAL MOUNT
SCALE: 6" = 1'-0"



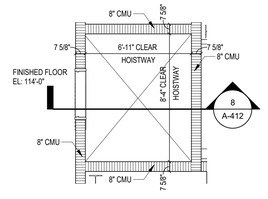
5 GUARDRAIL - FS1-2 ELEVATION
SCALE: 1/2" = 1'-0"



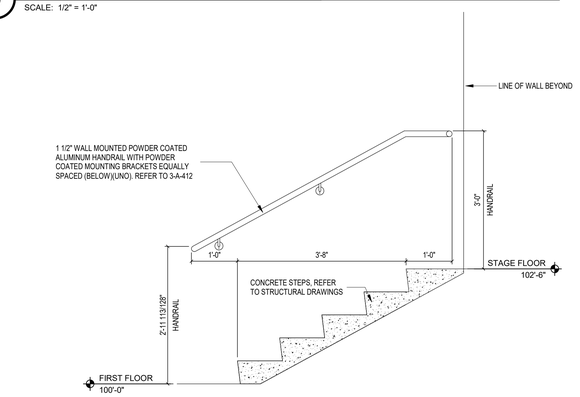
9 GUARDRAIL - AS2-1 ELEVATION
SCALE: 1/2" = 1'-0"



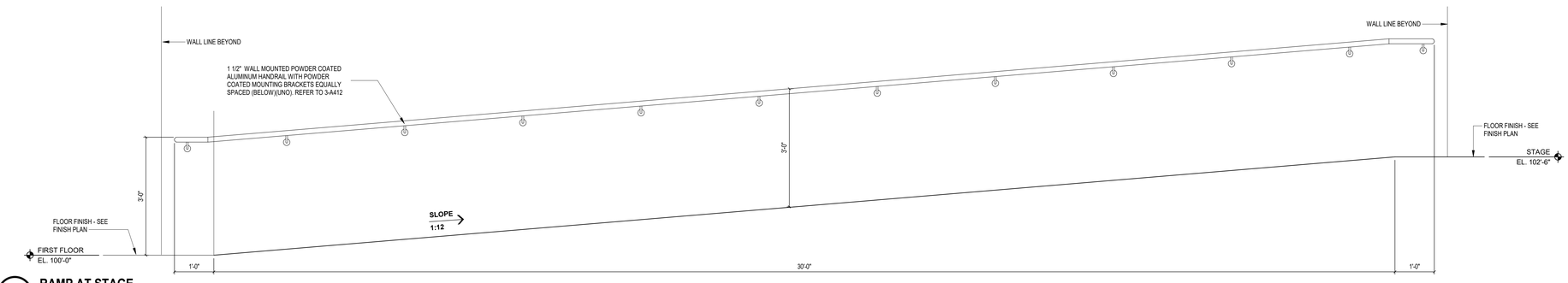
6 PLAN - ELEVATOR - FIRST FLOOR
SCALE: 1/4" = 1'-0"



7 PLAN - ELEVATOR - SECOND FLOOR
SCALE: 1/4" = 1'-0"



10 STAIR - E131
SCALE: 3/4" = 1'-0"



1 RAMP AT STAGE
SCALE: 3/4" = 1'-0"

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PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

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2	Addendum #2	11-11-2025

VERTICAL CIRCULATION

A-412

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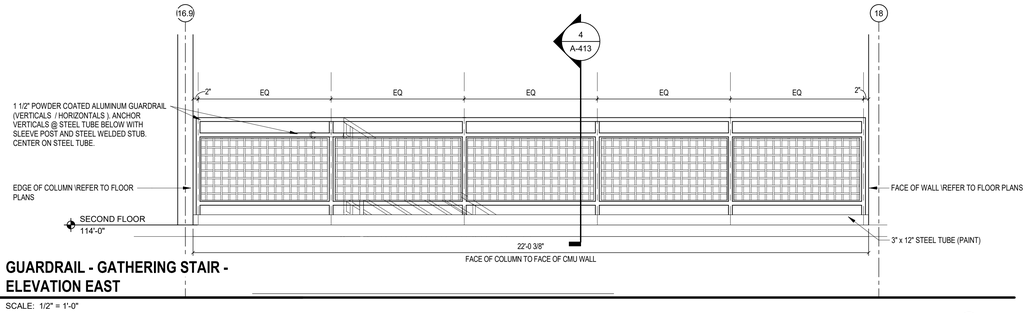
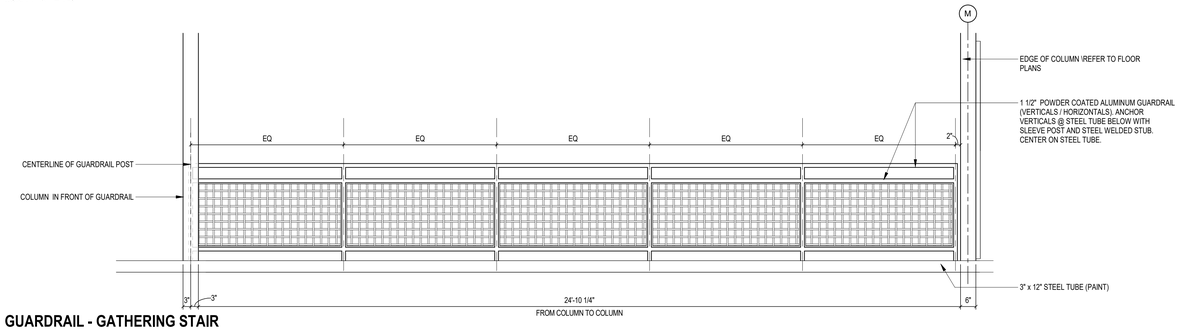


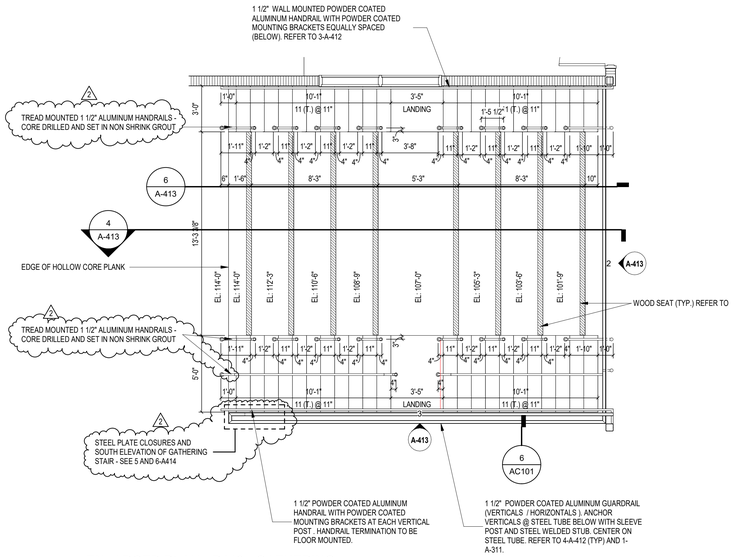
2 GUARDRAIL - GATHERING STAIR - ELEVATION EAST

SCALE: 1/2" = 1'-0"



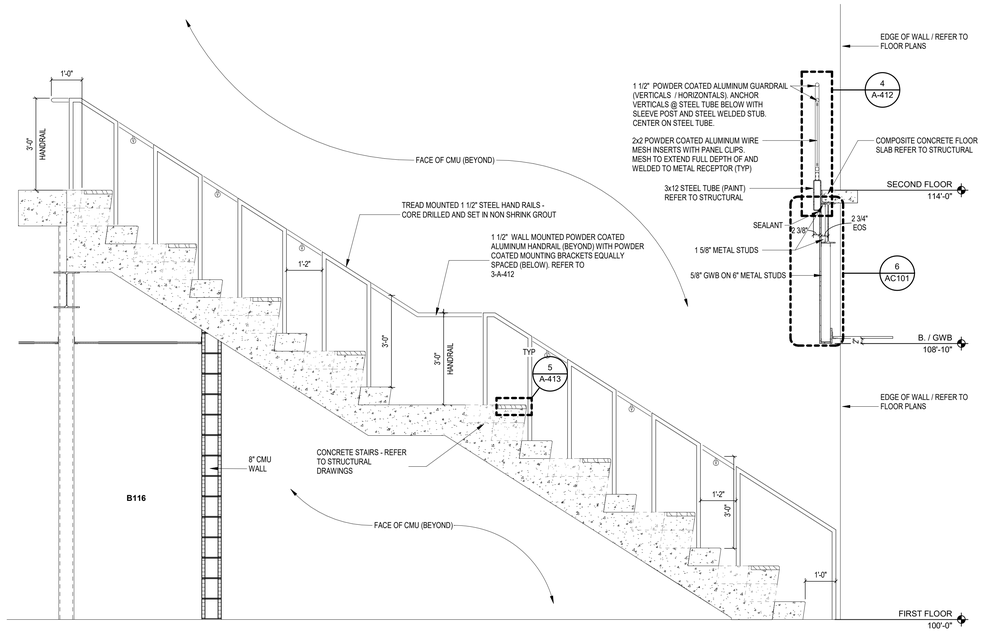
3 GUARDRAIL - GATHERING STAIR ELEVATION SOUTH

SCALE: 1/2" = 1'-0"



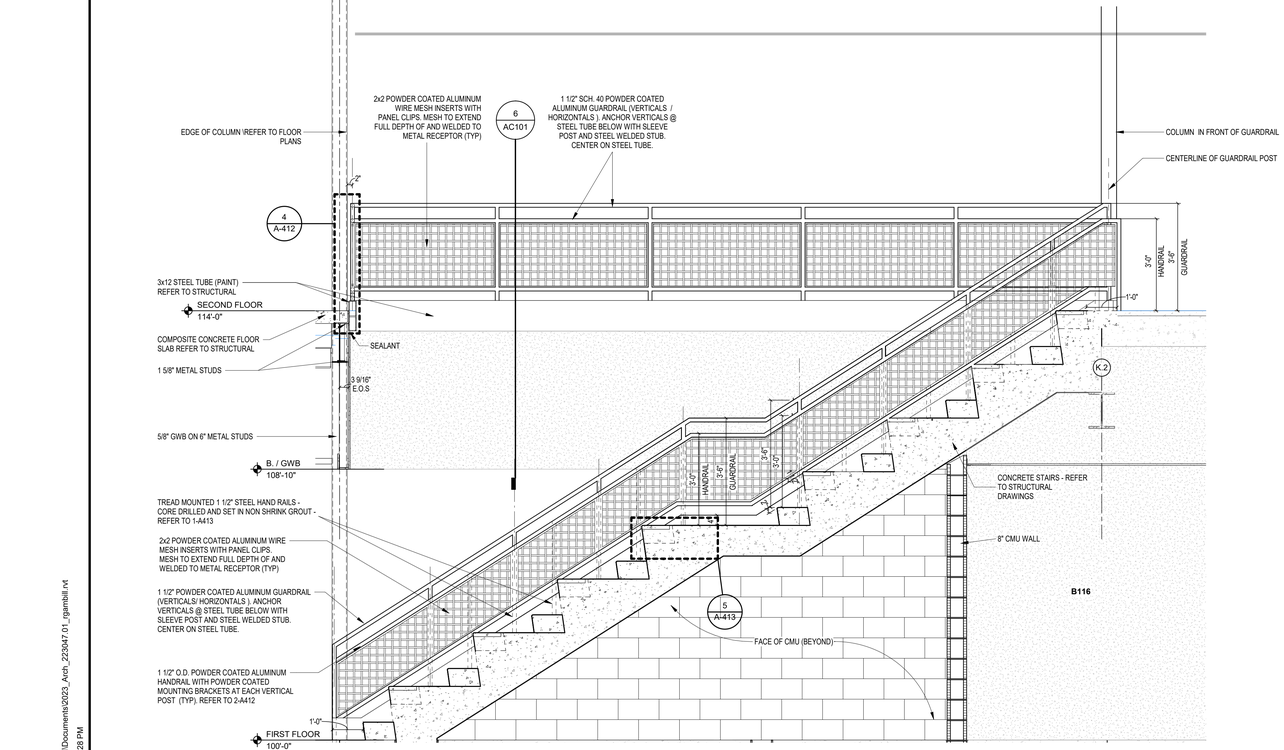
1 ENLARGED PLAN - B113 - GATHERING STAIR - SECOND FLOOR

SCALE: 1/4" = 1'-0"



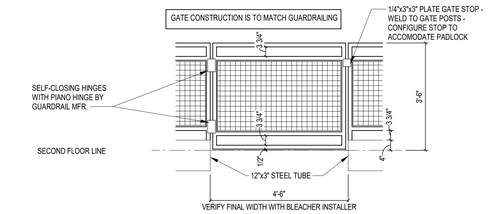
6 STAIR SECTION - GATHERING STAIR

SCALE: 1/2" = 1'-0"



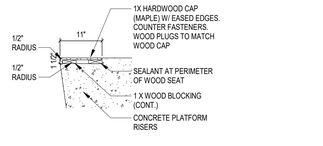
4 STAIR SECTION - GATHERING STAIR

SCALE: 1/2" = 1'-0"



7 GYM BALCONY GATE ELEVATION

SCALE: 1/2" = 1'-0"



5 GATHERING STAIR WOOD SEAT

SCALE: 3/4" = 1'-0"

C:\Users\gsemkiw\Documents\2023_Arch_223047.01_gsemkiw.rvt
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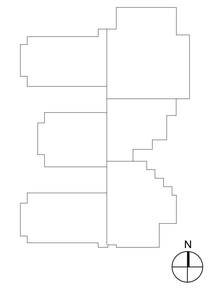

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PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: AME

PROJECT NUMBER: 223047.01

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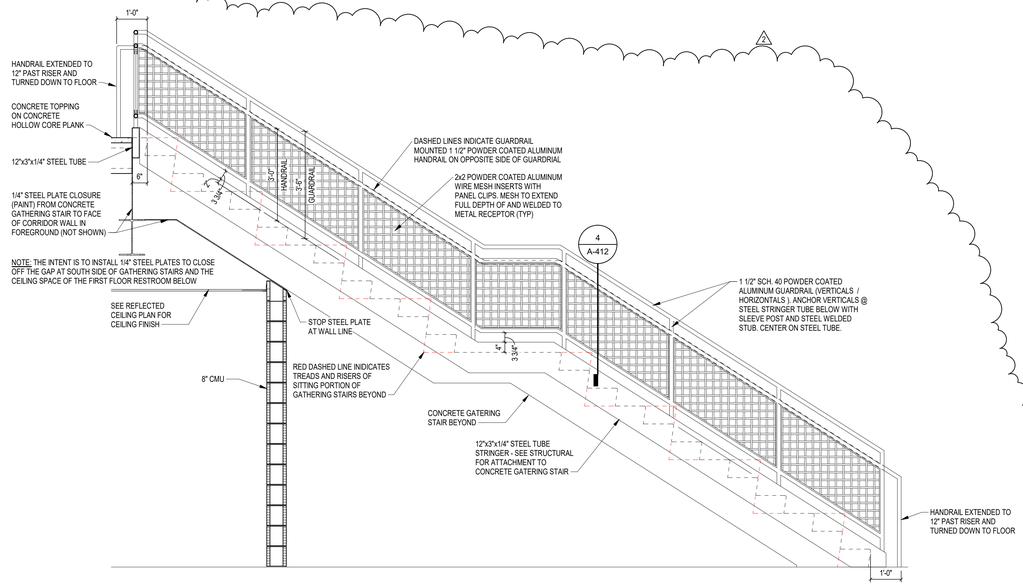
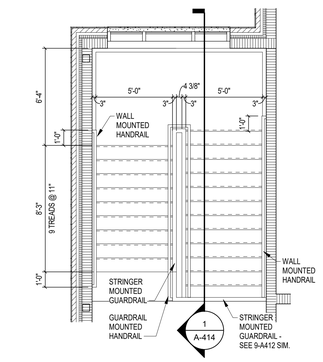
VERTICAL CIRCULATION

A-413



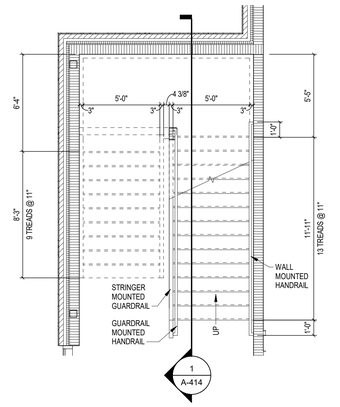
4 SECTION - ELEVATION (SOUTH END OF GATHERING STAIR)

SCALE: 1/2" = 1'-0"



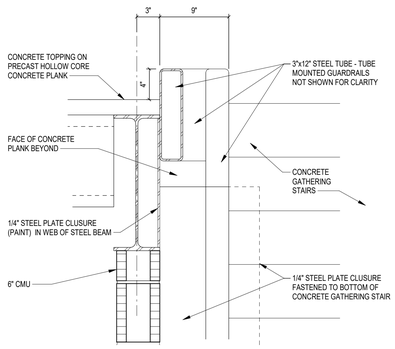
3 STAIR BS1 - SECOND FLOOR

SCALE: 1/4" = 1'-0"

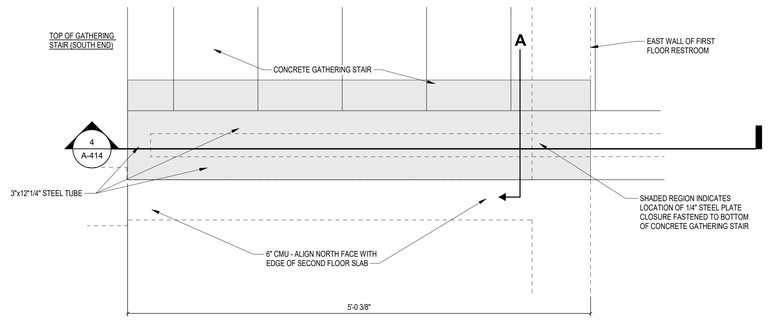


2 STAIR BS1 - FIRST FLOOR

SCALE: 1/4" = 1'-0"

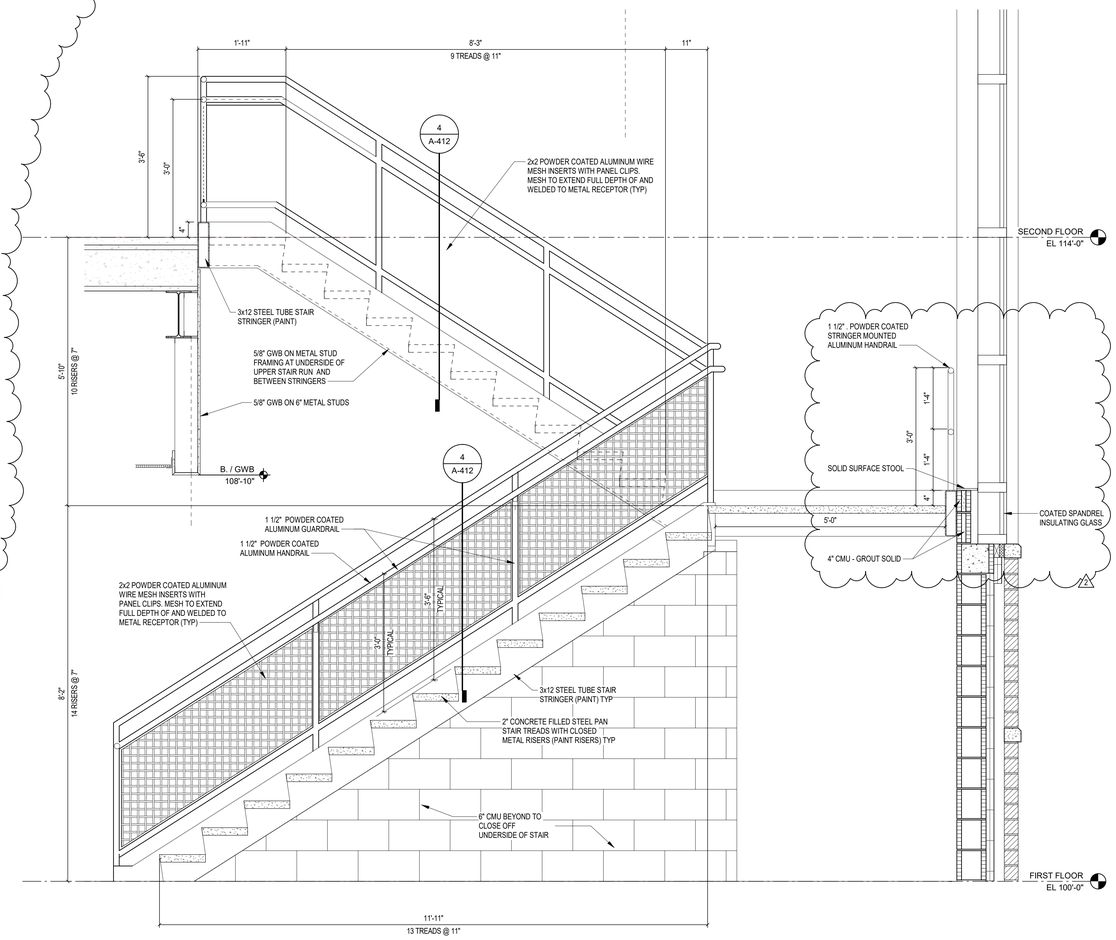


SECTION "A"



5 GATHERING STAIR CLOSURE

SCALE: 1 1/2" = 1'-0"



1 SECTION - STAIR BS1

SCALE: 3/4" = 1'-0"

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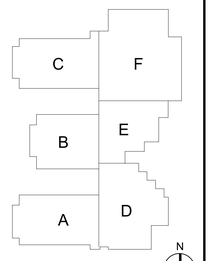

KEY PLAN

Construction Documents

PAULA MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: rlg

PROJECT NUMBER: 223047.01

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VERTICAL CIRCULATION

A-414

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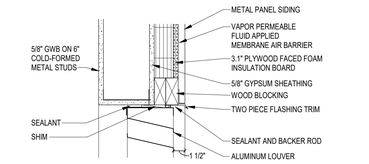
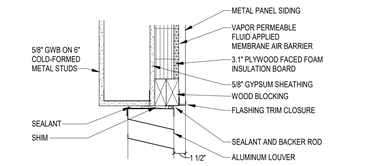
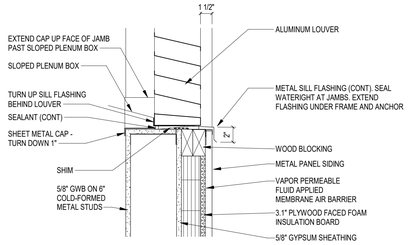


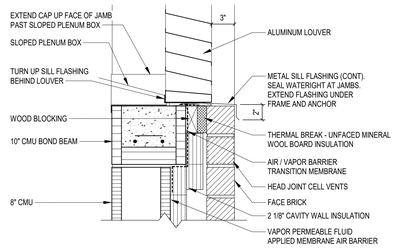
3 HEAD (LOUVER)
SCALE: 1 1/2" = 1'-0"



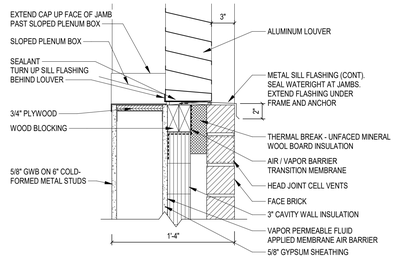
4 JAMB (LOUVER)
SCALE: 1 1/2" = 1'-0"



5 SILL (LOUVER)
SCALE: 1 1/2" = 1'-0"

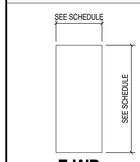


1 SILL (LOUVER)
SCALE: 1 1/2" = 1'-0"

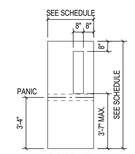


2 SILL (LOUVER)
SCALE: 1 1/2" = 1'-0"

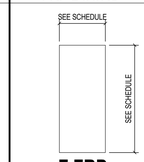
WOOD DOORS	FRP DOORS	ALUMINUM DOORS	OTHER



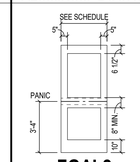
F WD
FLUSH DOOR



N WD
NARROW LITE



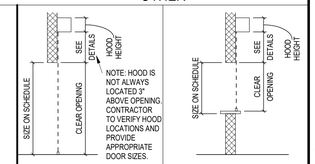
F FRP
FLUSH DOOR



FGAL2
FULL GLASS 2

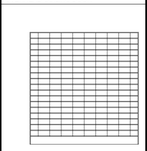
CCD
COILING COUNTER DOOR

OHCD
OVERHEAD COILING DOOR

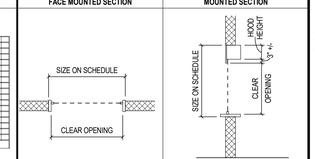


OVERHEAD COILING DOORS AND GRILLES - FACE MOUNTED SECTION

COILING COUNTER DOORS -FACE MOUNTED SECTION



OHCG
OVERHEAD COILING GRILLE

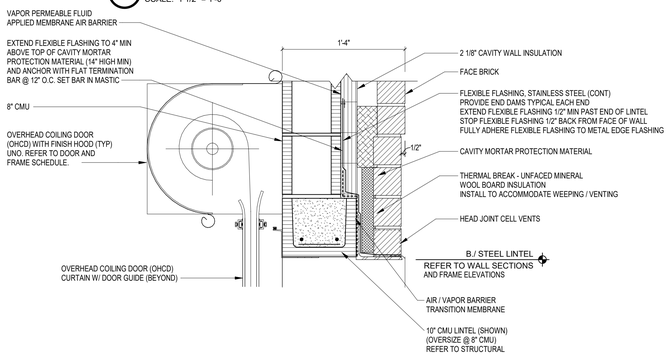


COILING COUNTER DOORS -BETWEEN JAMB MOUNTED PLAN

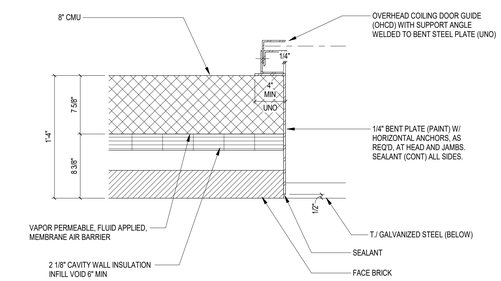
COILING COUNTER DOORS -BETWEEN JAMB MOUNTED SECTION

LOUVER SCHEDULE

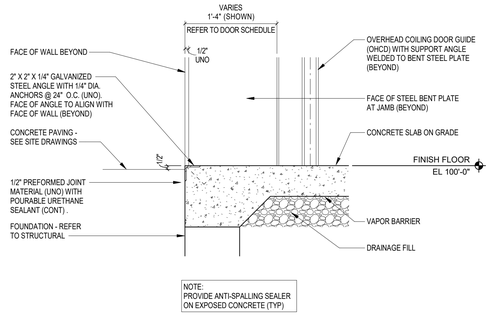
LOUVER NO.	SIZE	HEAD	JAMB	SILL
LOUVER #1	10'-0" x 4'-0"	3-A602	4-A602	5-A602
LOUVER #2	2'-4" x 1'-8"	H12 SIM.	J11 SIM.	2-A602
LOUVER #3	2'-4" x 1'-8"	H3 SIM.	J3 SIM.	1-A602
LOUVER #4	10'-0" x 5'-0"	3-A602	4-A602	5-A602
LOUVER #5	2'-0" x 1'-4"	H3 SIM.	J3 SIM	1-A602
LOUVER #6	1'-0" x 1'-4"	H3 SIM.	J3 SIM.	1-A602



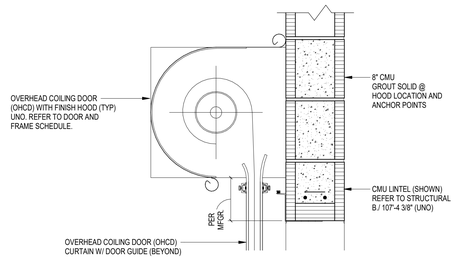
H23 HEAD
SCALE: 1 1/2" = 1'-0"



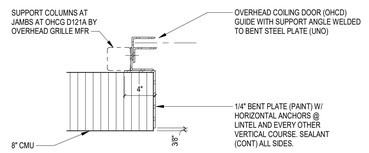
J23 JAMB
SCALE: 1 1/2" = 1'-0"



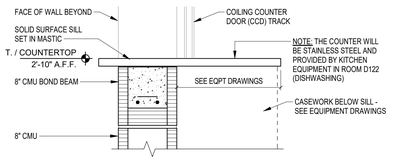
S23 SILL
SCALE: 1 1/2" = 1'-0"



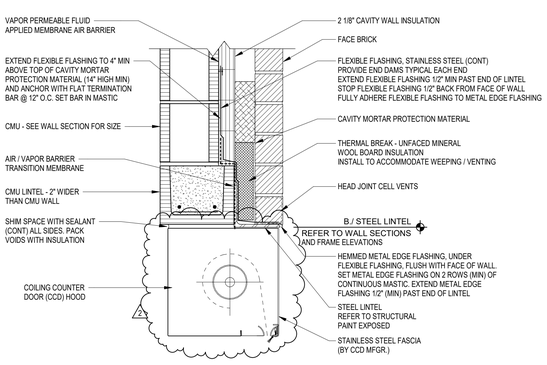
H22 HEAD
SCALE: 1 1/2" = 1'-0"



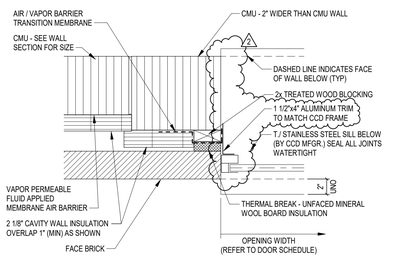
J22 JAMB
SCALE: 1 1/2" = 1'-0"



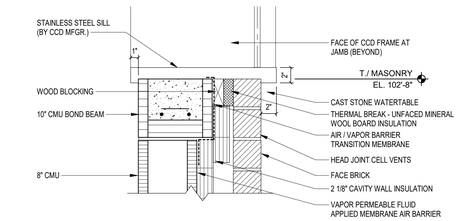
S22 SILL
SCALE: 1 1/2" = 1'-0"



H21 HEAD
SCALE: 1 1/2" = 1'-0"



J21 JAMB
SCALE: 1 1/2" = 1'-0"



S21 SILL
SCALE: 1 1/2" = 1'-0"

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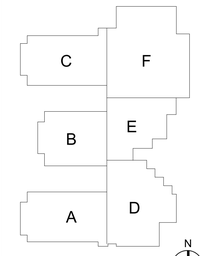
350 E. New York St. Suite 300, Indianapolis, Indiana 46204



KEY PLAN

Construction Documents

PAULA A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: rlg

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

DOOR TYPES AND DETAILS

A-602

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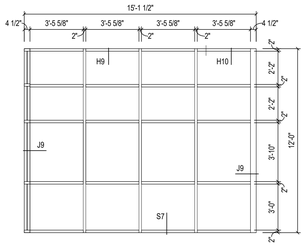
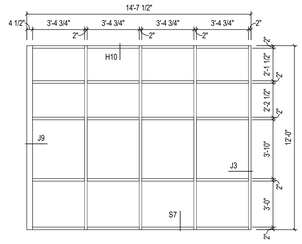


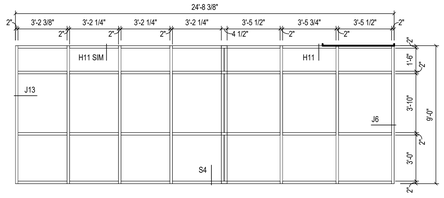
SF-28

SCALE: 1/4" = 1'-0"



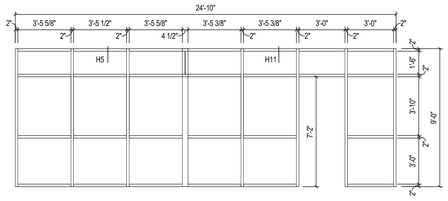
SF-27

SCALE: 1/4" = 1'-0"



SF-26

SCALE: 1/4" = 1'-0"



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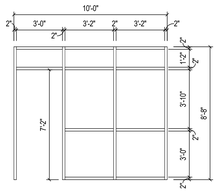
SCALE: 1/4" = 1'-0"



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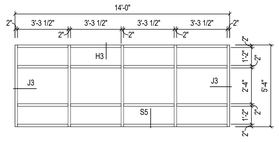
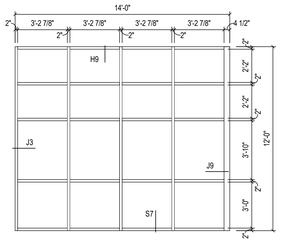


SF-32

SCALE: 1/4" = 1'-0"



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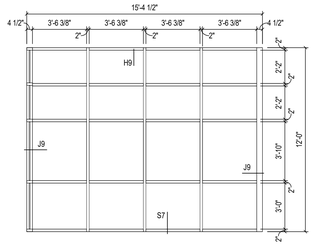
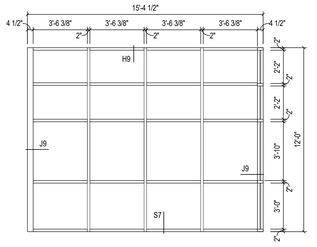
SCALE: 1/4" = 1'-0"



SF-30

SCALE: 1/4" = 1'-0"

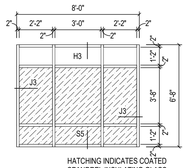


SF-29

SCALE: 1/4" = 1'-0"

SF-39

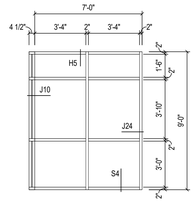
SCALE: 1/4" = 1'-0"



HATCHING INDICATES COATED SPANDREL INSULATING GLASS

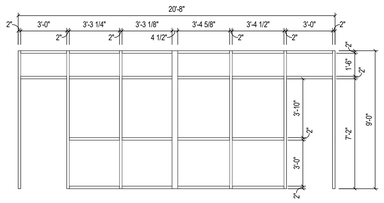
SF-38

SCALE: 1/4" = 1'-0"



SF-37

SCALE: 1/4" = 1'-0"

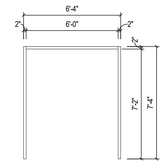


SF-36

SCALE: 1/4" = 1'-0"

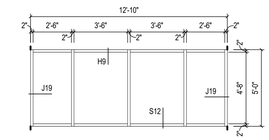
SF-35

SCALE: 1/4" = 1'-0"



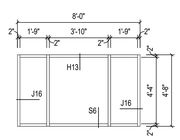
SF-34

SCALE: 1/4" = 1'-0"



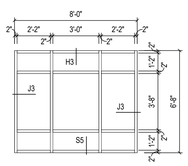
SF-43

SCALE: 1/4" = 1'-0"



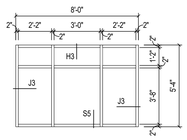
SF-42

SCALE: 1/4" = 1'-0"



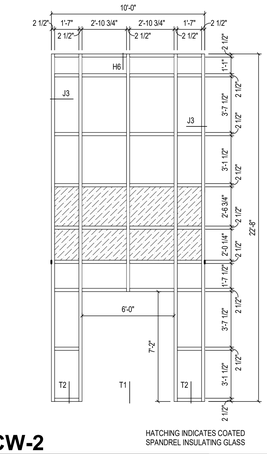
SF-41

SCALE: 1/4" = 1'-0"



SF-40

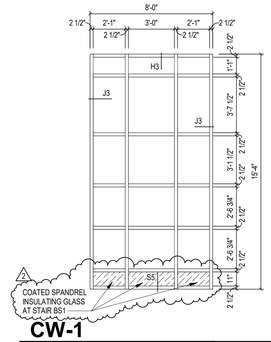
SCALE: 1/4" = 1'-0"



HATCHING INDICATES COATED SPANDREL INSULATING GLASS

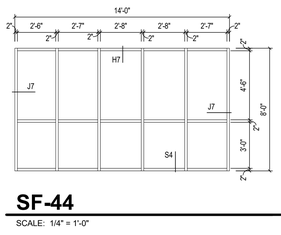
CW-2

SCALE: 1/4" = 1'-0"



CW-1

SCALE: 1/4" = 1'-0"



SF-44

SCALE: 1/4" = 1'-0"

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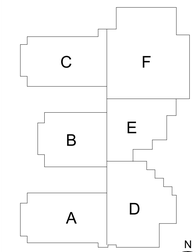


KEY PLAN

Construction Documents

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: rlg

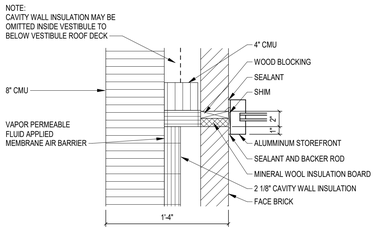
PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

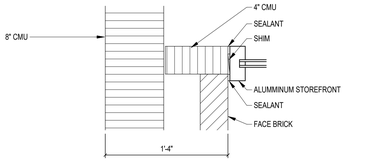
REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

FRAME ELEVATIONS

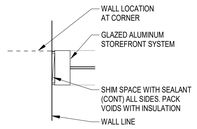
A-604



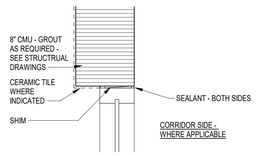
J4 JAMB
SCALE: 1 1/2" = 1'-0"



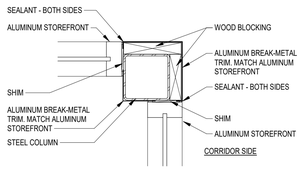
J5 JAMB
SCALE: 1 1/2" = 1'-0"



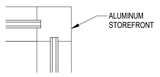
J6 JAMB
SCALE: 1 1/2" = 1'-0"



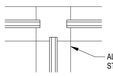
J7 JAMB
SCALE: 1 1/2" = 1'-0"



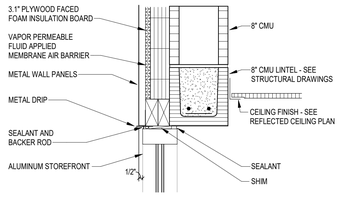
J8 JAMB
SCALE: 1 1/2" = 1'-0"



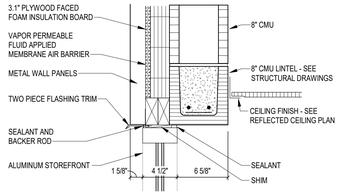
J9 JAMB
SCALE: 1 1/2" = 1'-0"



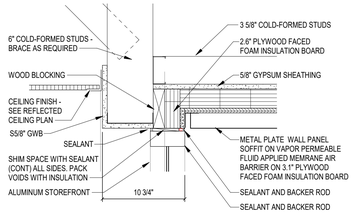
J10 JAMB
SCALE: 1 1/2" = 1'-0"



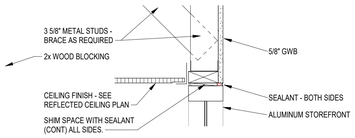
H13 HEAD
NOT TO SCALE



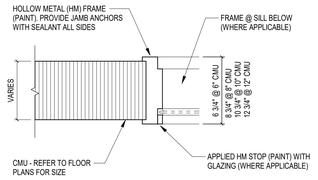
H14 HEAD
SCALE: 1 1/2" = 1'-0"



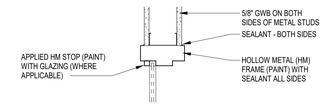
H15 HEAD
SCALE: 1 1/2" = 1'-0"



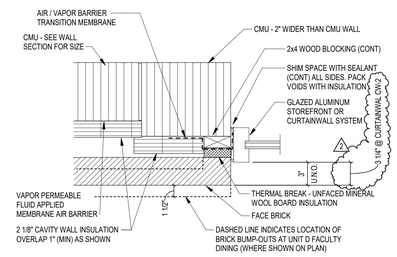
H16 HEAD
SCALE: 1 1/2" = 1'-0"



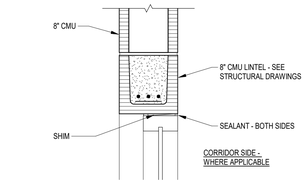
J1 JAMB
SCALE: 1 1/2" = 1'-0"



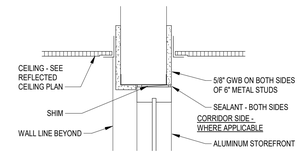
J2 JAMB
SCALE: 1 1/2" = 1'-0"



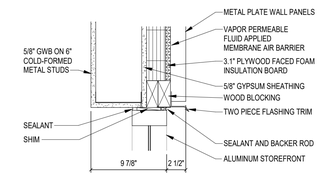
J3 JAMB
SCALE: 1 1/2" = 1'-0"



H7 HEAD
SCALE: 1 1/2" = 1'-0"

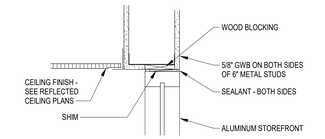


H8 HEAD
SCALE: 1 1/2" = 1'-0"

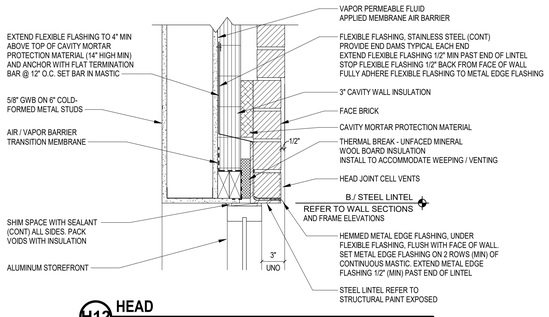


H9 HEAD
NOT TO SCALE

H10 HEAD
SCALE: 1 1/2" = 1'-0"



H11 HEAD
SCALE: 1 1/2" = 1'-0"



H12 HEAD
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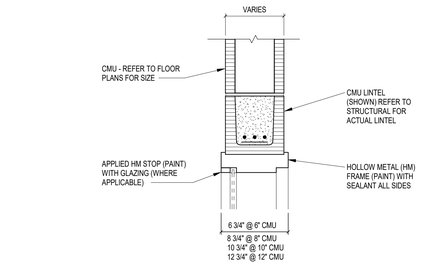
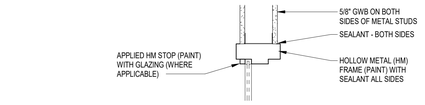
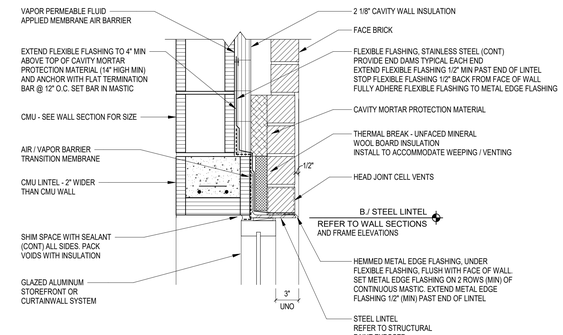


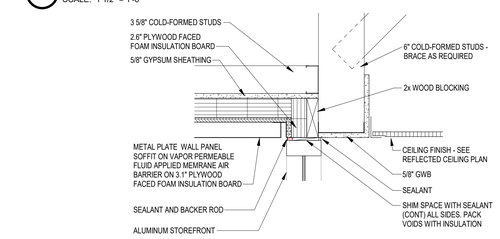
H1 HEAD
SCALE: 1 1/2" = 1'-0"



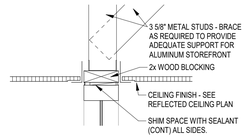
H2 HEAD
SCALE: 1 1/2" = 1'-0"



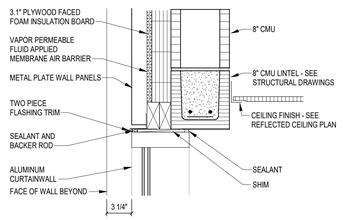
H3 HEAD
SCALE: 1 1/2" = 1'-0"



H4 HEAD
SCALE: 1 1/2" = 1'-0"



H5 HEAD
SCALE: 1 1/2" = 1'-0"



H6 HEAD
SCALE: 1 1/2" = 1'-0"

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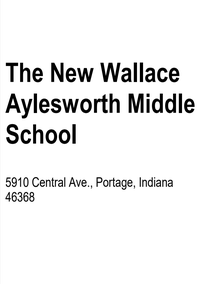
350 E. New York St. Suite 300, Indianapolis, Indiana 46204



KEY PLAN

Construction Documents

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS
DRAWN BY: rlg
PROJECT NUMBER: 223047.01
PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	11-11-2025

OPENING DETAILS

A-605

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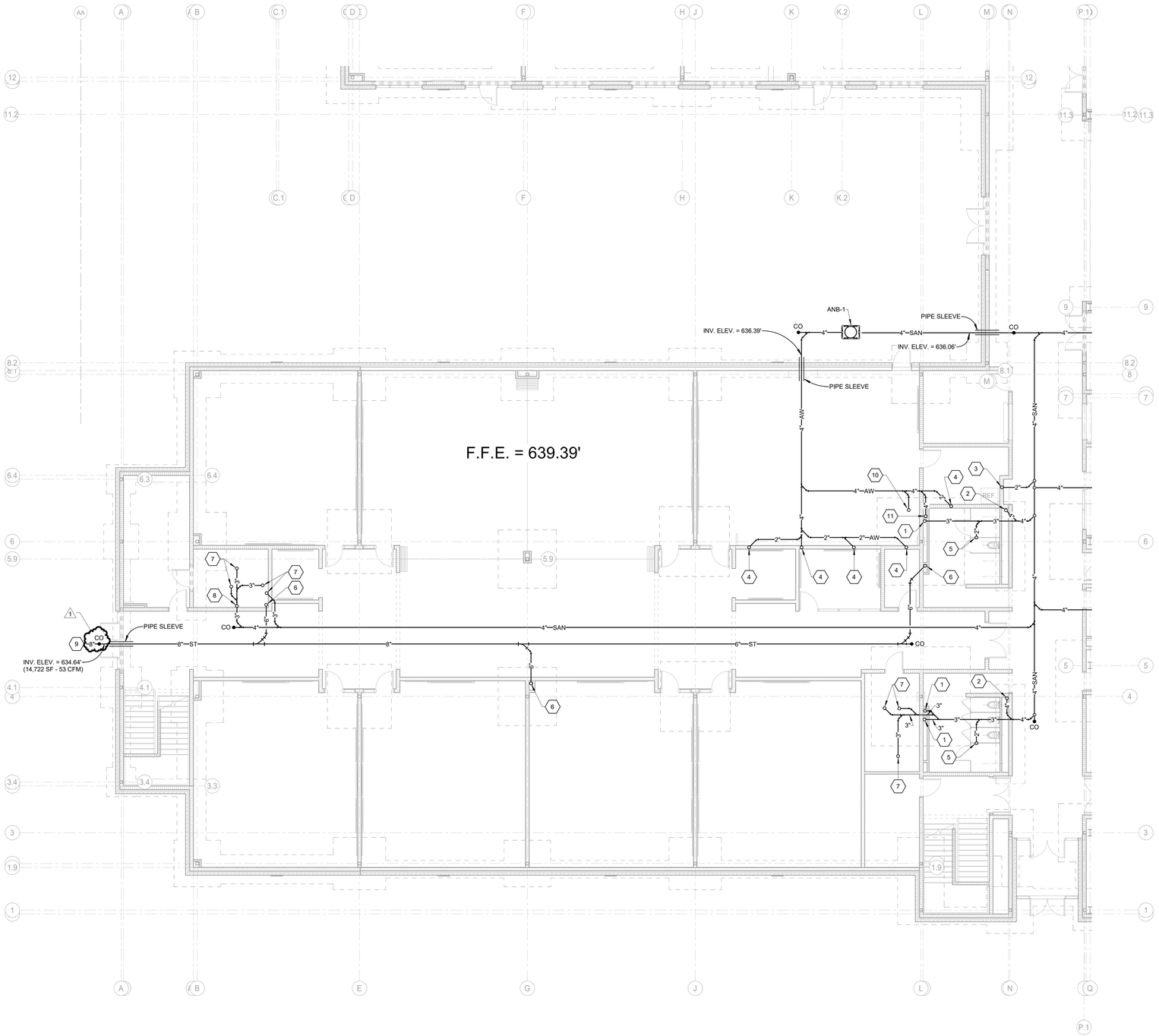

FOUNDATION PLUMBING PLAN - UNIT A

SCALE: 1/8" = 1'-0"

FOUNDATION PLAN NOTES - UNIT A

1. 3" WASTE FROM ABOVE.
2. 4" WASTE FROM ABOVE.
3. 2" WASTE FROM ABOVE.
4. 2" ACID WASTE FROM ABOVE.
5. 2" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.
6. 6" STORM FROM ABOVE.
7. 3" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.
8. 2" VENT UP.
9. REFER TO SITE/CIVIL DRAWINGS FOR CONTINUATION.
10. 4" ACID WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.
11. 4" ACID WASTE FROM ABOVE.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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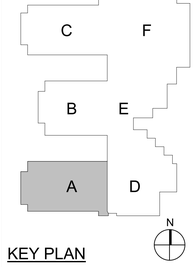

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: JE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	11-11-2025

FOUNDATION PLUMBING PLAN - UNIT A

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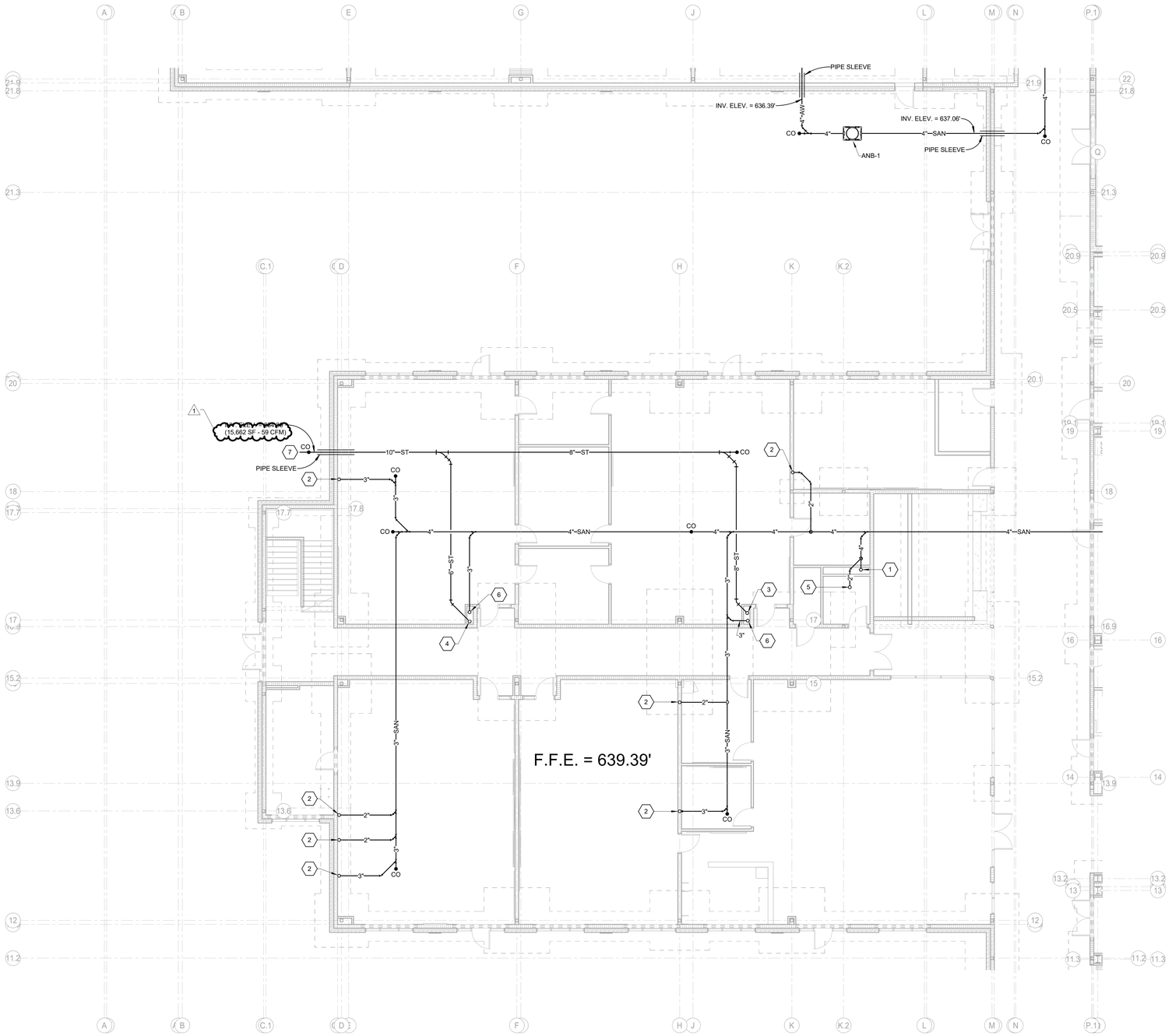

FOUNDATION PLUMBING PLAN - UNIT B

SCALE: 1/8" = 1'-0"

FOUNDATION PLAN NOTES - UNIT B

1. 4" WASTE FROM ABOVE.
2. 2" WASTE FROM ABOVE.
3. 8" STORM FROM ABOVE.
4. 6" STORM FROM ABOVE.
5. 2" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.
6. 3" WASTE FROM ABOVE.
7. REFER TO SITE/CIVIL DRAWINGS FOR CONTINUATION.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

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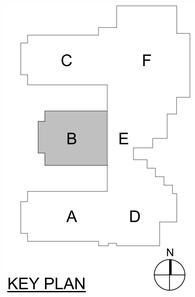

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: JE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	11-11-2025

FOUNDATION PLUMBING PLAN - UNIT B

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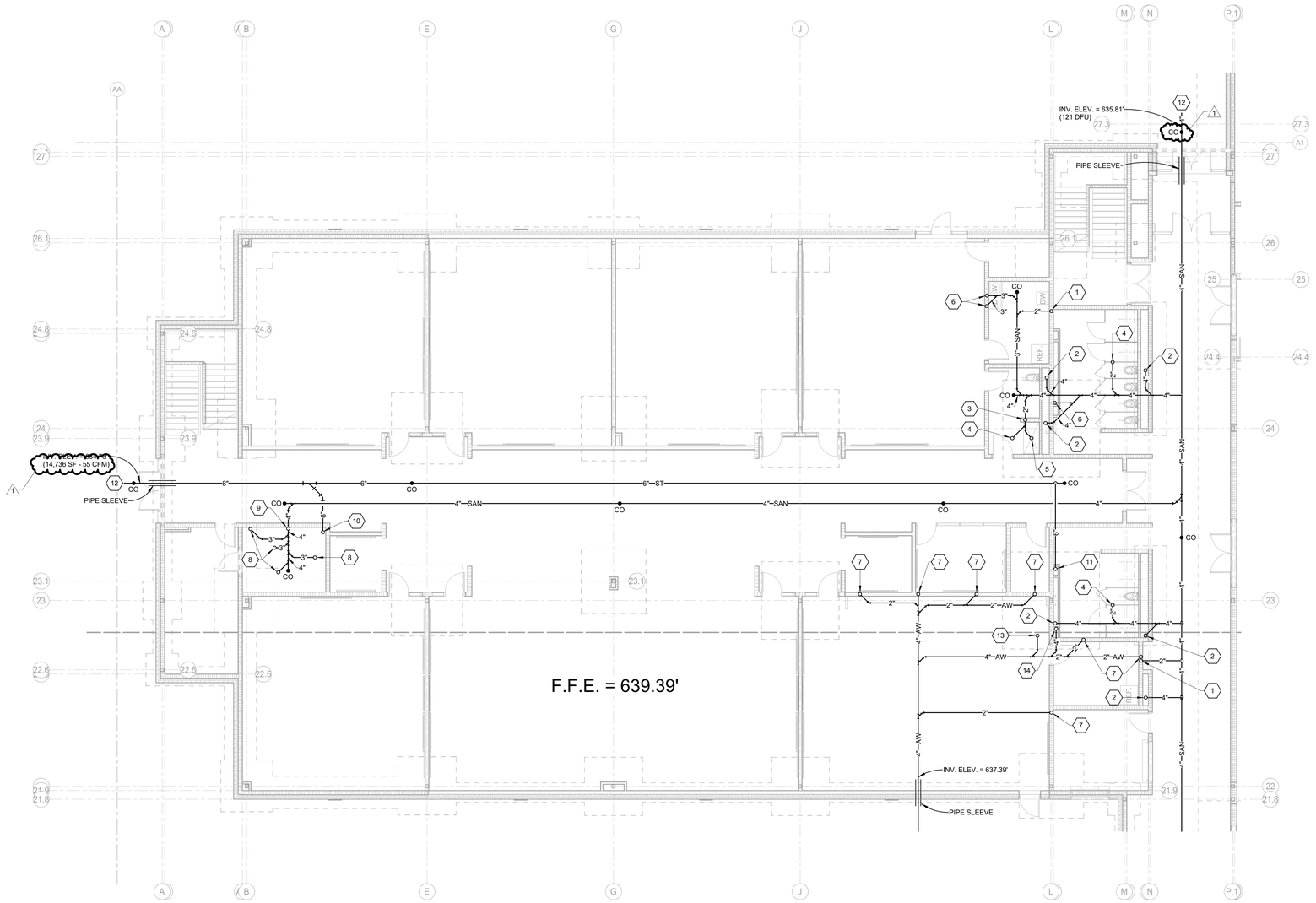

FOUNDATION PLUMBING PLAN - UNIT C

SCALE: 1/8" = 1'-0"

FOUNDATION PLAN NOTES - UNIT C

1 2" WASTE FROM ABOVE.
2 4" WASTE FROM ABOVE.
3 1 1/2" VENT UP.
4 2" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.
5 2" WASTE WITH DEEP SEAL P-TRAP FROM SHOWER DRAIN ABOVE.
6 3" WASTE FROM ABOVE.
7 2" ACID WASTE FROM ABOVE.
8 3" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.
9 2" VENT UP.
10 8" STORM FROM ABOVE.
11 6" STORM FROM ABOVE.
12 REFER TO SITE/CIVIL DRAWINGS FOR CONTINUATION.
13 4" ACID WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.
14 4" ACID WASTE FROM ABOVE.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

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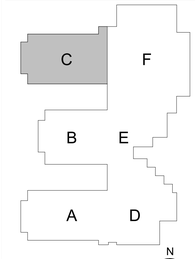

KEY PLAN

Construction Documents

MARK Z. HOPF REGISTERED No. PE 12006101 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	11-11-2025

FOUNDATION PLUMBING PLAN - UNIT C

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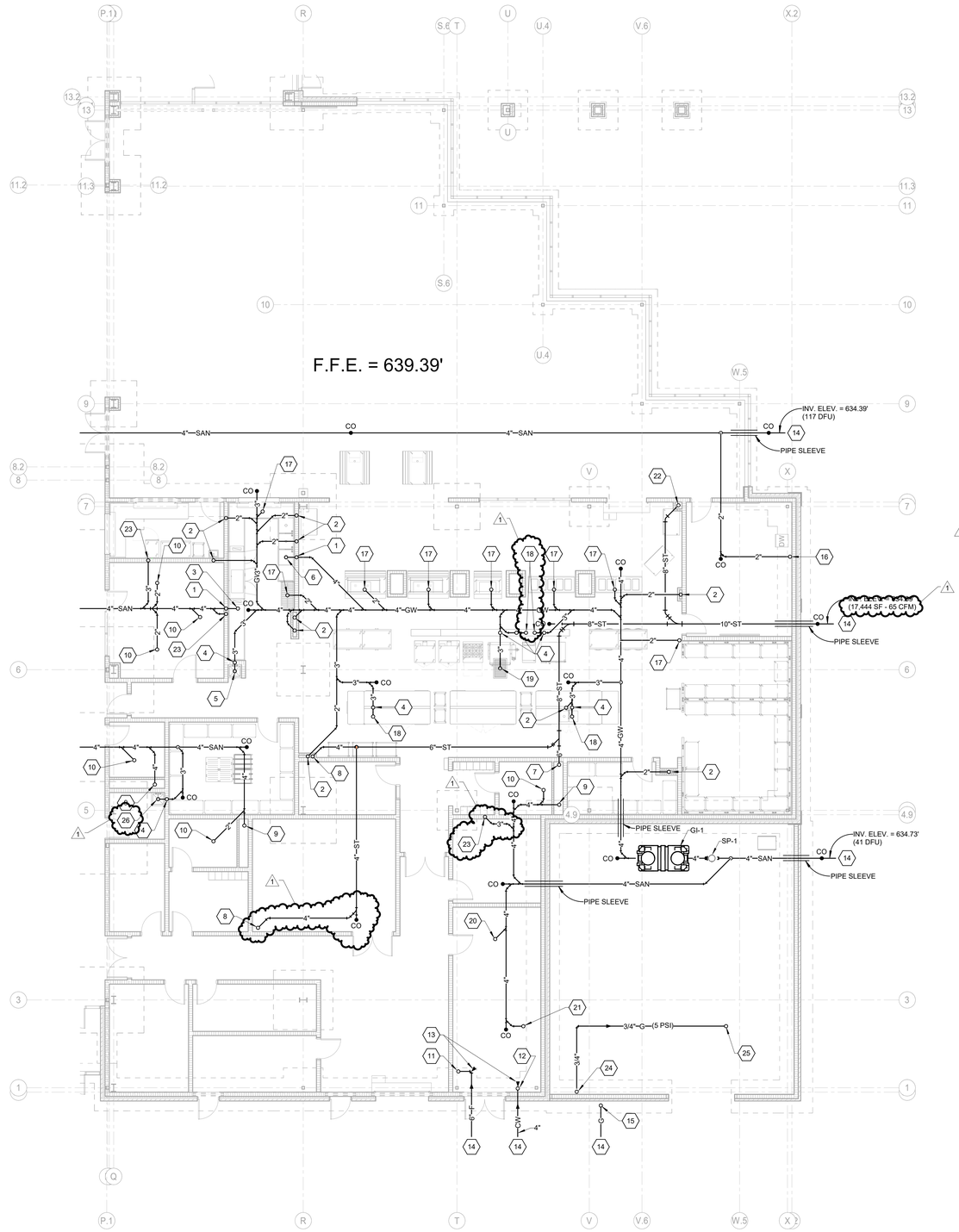

FOUNDATION PLUMBING PLAN - UNIT D

SCALE: 1/8" = 1'-0"

FOUNDATION PLAN NOTES - UNIT D

1 2" VENT UP.
2 2" GREASE WASTE FROM ABOVE.
3 4" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR SINK ABOVE.
4 1 1/2" VENT UP.
5 3" GREASE WASTE WITH DEEP SEAL P-TRAP FROM MOP BASIN ABOVE.
6 4" GREASE WASTE WITH DEEP SEAL P-TRAP FROM FLOOR SINK ABOVE.
7 6" STORM FROM ABOVE.
8 4" STORM FROM ABOVE.
9 4" WASTE FROM ABOVE.
10 2" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.
11 INCOMING 6" FIRE PROTECTION SUPPLY UP. PROVIDE THRUST BLOCK AT PIPE RISE.
12 INCOMING 4" DOMESTIC COLD WATER UP. PROVIDE THRUST BLOCK AT PIPE RISE.
13 PIPE THRUST BLOCK.
14 REFER TO SITE/CIVIL DRAWINGS FOR CONTINUATION.
15 INCOMING NATURAL GAS SUPPLY UP (BY GAS CO.)
16 2" WASTE FROM ABOVE.
17 2" GREASE WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.
18 3" GREASE WASTE WITH DEEP SEAL P-TRAP FROM FLOOR SINK ABOVE.
19 CONNECT 3" GREASE WASTE WITH DEEP SEAL P-TRAP TO K.E.C. PROVIDED FLOOR TROUGH.
20 4" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.
21 4" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR SINK ABOVE.
22 8" STORM FROM ABOVE.
23 3" WASTE FROM ABOVE.
24 3/4" GAS (5 PSI) FROM ABOVE.
25 3/4" GAS (5 PSI) UP TO EMERGENCY GENERATOR.
26 3" WASTE WITH DEEP SEAL P-TRAP FROM MOP BASIN ABOVE.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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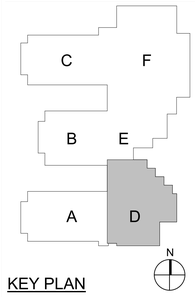

KEY PLAN

Construction Documents

MARK Z. HOOF REGISTERED No. PE 12000101 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	11-11-2025

FOUNDATION PLUMBING PLAN - UNIT D

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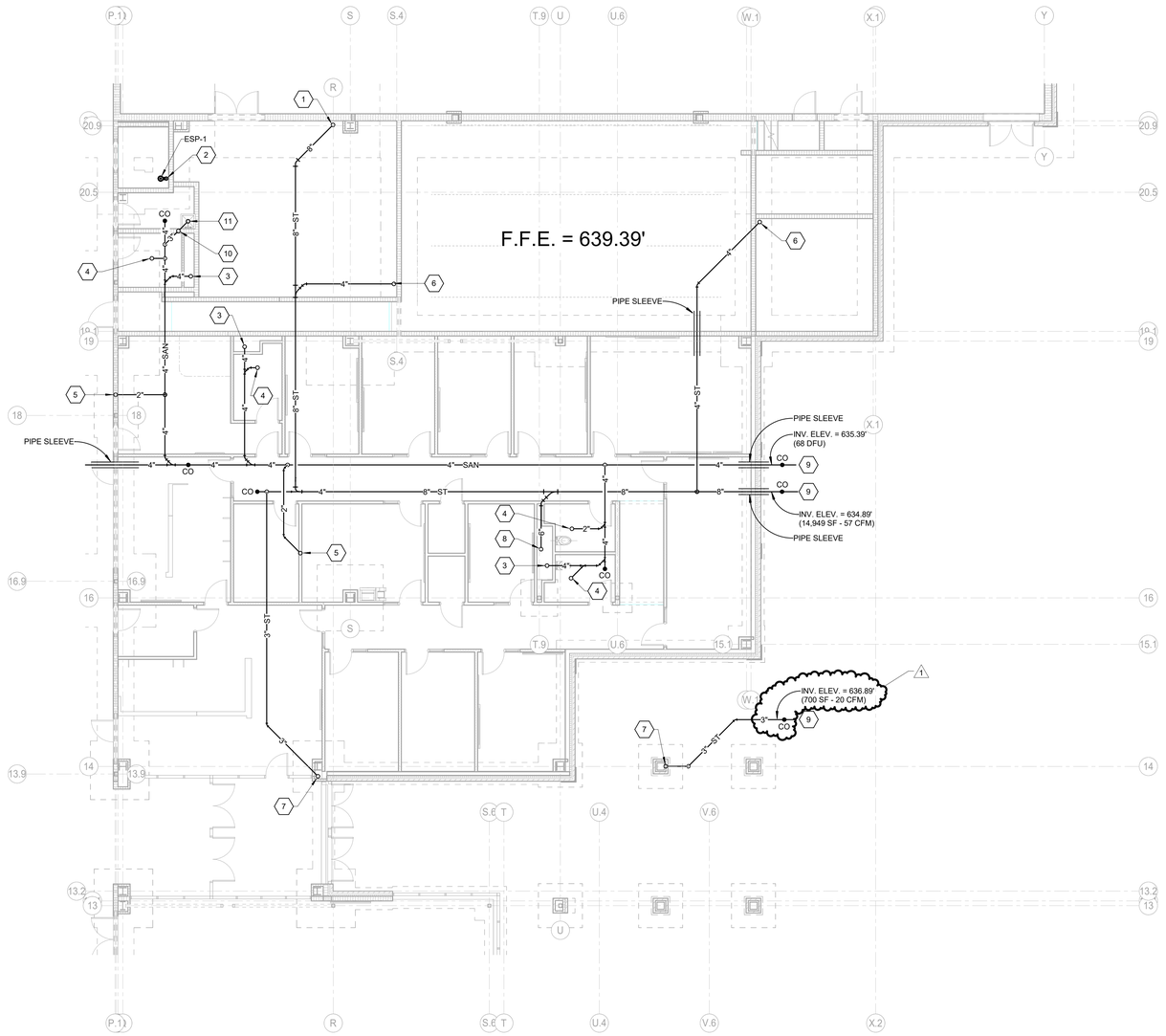

FOUNDATION PLUMBING PLAN - UNIT E

SCALE: 1/8" = 1'-0"

FOUNDATION PLAN NOTES - UNIT E

1 8" STORM FROM ABOVE.

2 2" PUMPED DISCHARGE UP.

3 4" WASTE FROM ABOVE.

4 2" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.

5 2" WASTE FROM ABOVE.

6 4" STORM FROM ABOVE.

7 3" STORM FROM ABOVE.

8 6" STORM FROM ABOVE.

9 REFER TO SITE/CIVIL DRAWINGS FOR CONTINUATION.

10 1 1/2" VENT UP.

11 3" WASTE WITH DEEP SEAL P-TRAP FROM MOP BASIN ABOVE.

VERIFICATION NOTE

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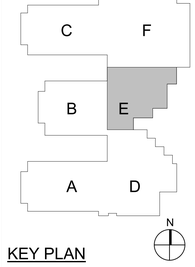

KEY PLAN

Construction Documents

MARK Z. HOFF REGISTERED No. PE 12006101 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	11-11-2025

FOUNDATION PLUMBING PLAN - UNIT E

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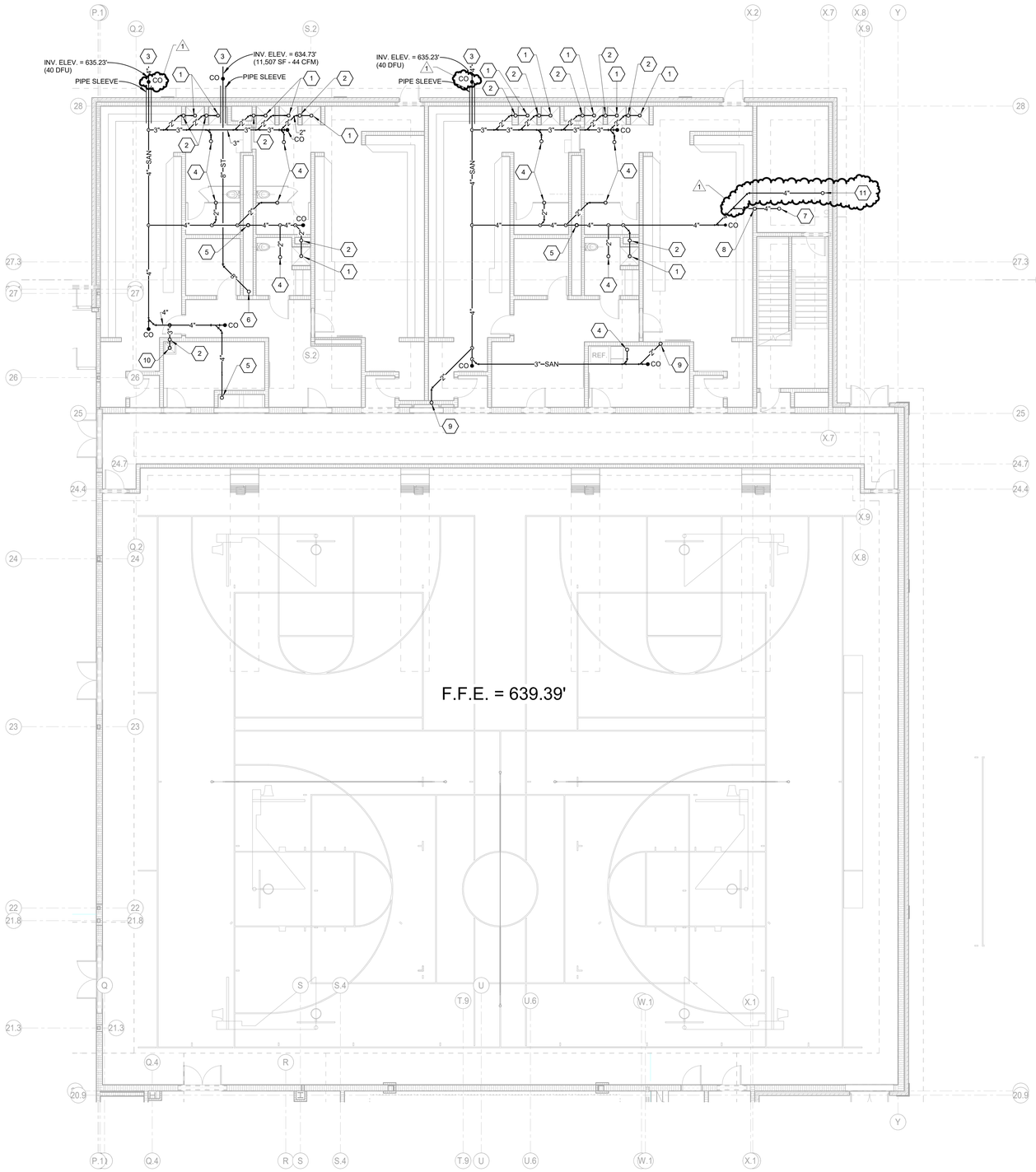

FOUNDATION PLUMBING PLAN - UNIT F

SCALE: 1/8" = 1'-0"

FOUNDATION PLAN NOTES - UNIT F

1. 2" WASTE WITH DEEP SEAL P-TRAP FROM SHOWER DRAIN ABOVE.
2. 1 1/2" VENT UP.
3. REFER TO SITE/CIVIL DRAWINGS FOR CONTINUATION.
4. 2" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.
5. 4" WASTE FROM ABOVE.
6. 8" STORM FROM ABOVE.
7. 4" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.
8. 2" VENT UP.
9. 2" WASTE FROM ABOVE.
10. 3" WASTE WITH DEEP SEAL P-TRAP FROM MOP BASIN ABOVE.
11. 4" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR SINK ABOVE.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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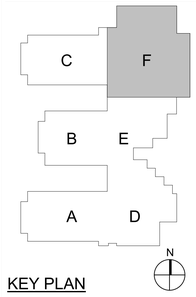

KEY PLAN

Construction Documents

MARK Z. HOFF REGISTERED No. PE 12000001 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	11-11-2025

FOUNDATION PLUMBING PLAN - UNIT F

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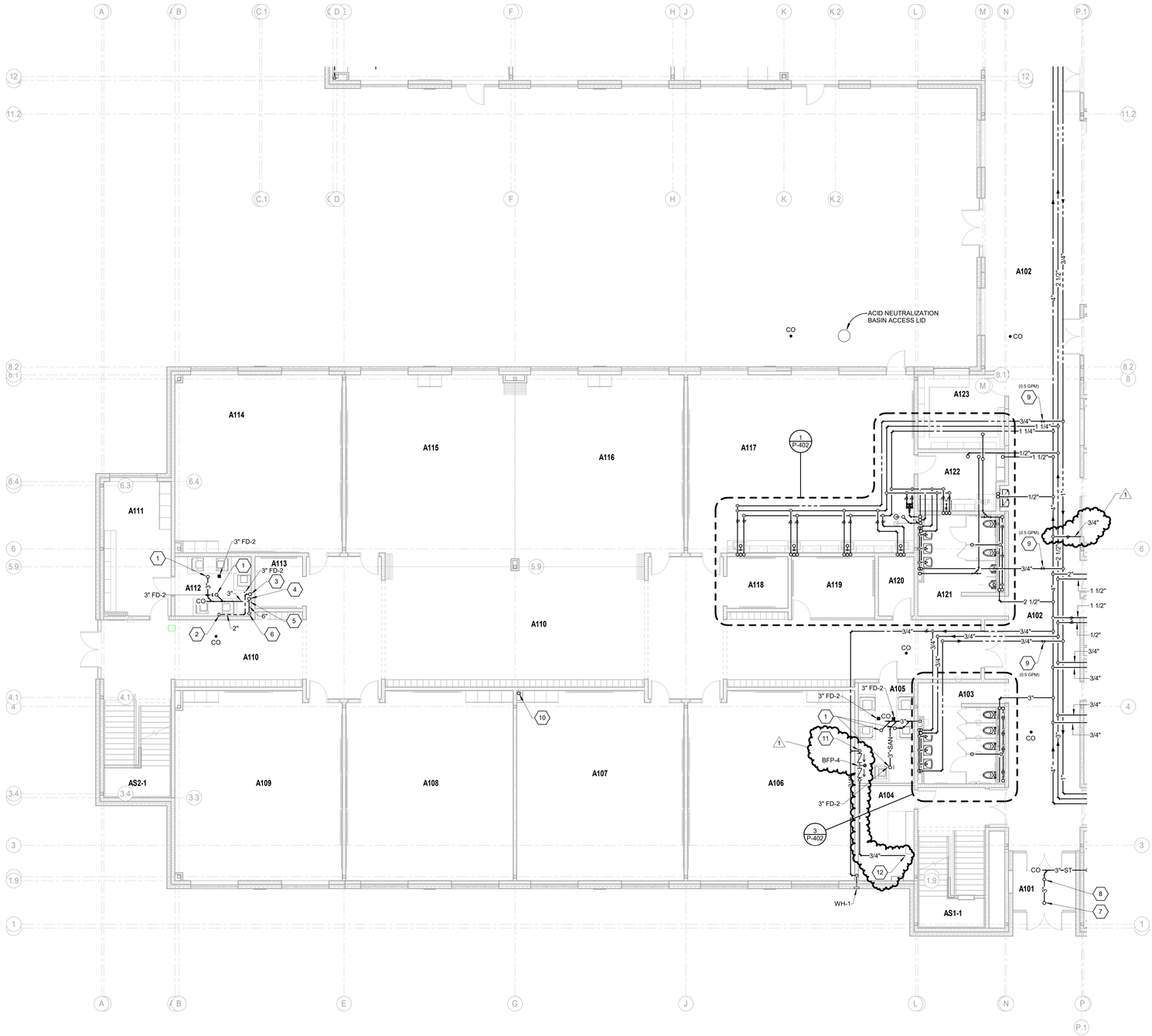

FIRST FLOOR PLUMBING PLAN - UNIT A

SCALE: 1/8" = 1'-0"

ROOM LEGEND - FIRST FLOOR UNIT A

ROOM NO.	ROOM NAME	AREA (SF)
A1	KINDERGARTEN CLASSROOM	Not Placed
A101	VESTIBULE	107 SF
A101	Room	Not Placed
A102	MAIN HALL	1968 SF
A103	GIRLS	217 SF
A104	HEAD END	151 SF
A105	MECHANICAL	159 SF
A106	SPECIAL EDUCATION	891 SF
A107	CLASSROOM	889 SF
A108	CLASSROOM	892 SF
A109	CLASSROOM	885 SF
A110	CORRIDOR	2370 SF
A111	TEACHERS	255 SF
A112	MECHANICAL	129 SF
A113	HUDDLE	70 SF
A114	CLASSROOM	843 SF
A115	CLASSROOM	889 SF
A116	CLASSROOM	889 SF
A117	SCIENCE	1148 SF
A118	HUDDLE	90 SF
A119	SGI	147 SF
A120	SENSORY	60 SF
A121	BOYS	217 SF
A122	PREP	137 SF
A123	BOOKSTORE	183 SF

FIRST FLOOR UNIT A PLAN NOTES

1. 3" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.
2. 2" VENT UP FROM BELOW SLAB.
3. 2" VENT UP.
4. 6" STORM FROM ABOVE.
5. 3" WASTE DOWN TO BELOW SLAB.
6. 6" STORM DOWN TO BELOW SLAB.
7. 3" STORM FROM ROOF DRAIN ABOVE.
8. 3" STORM FROM OVERFLOW ROOF DRAIN ABOVE.
9. HOT WATER RETURN BALANCE STATION. SET TO GPM INDICATED. REFER TO DETAIL ON DRAWING P-501 FOR MORE INFORMATION.
10. 6" STORM FROM ABOVE AND DOWN TO BELOW SLAB.
11. 3/4" COLD WATER DOWN TO BFP.
12. CONNECT 3/4" NON-POTABLE WATER TO HVAC HUMIDIFIER CONNECTION. REFER TO HVAC DRAWINGS FOR MORE INFORMATION.

VERIFICATION NOTE

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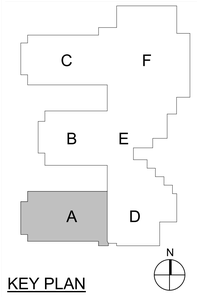

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: JE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	11-11-2025

FIRST FLOOR PLUMBING PLAN - UNIT A

PL11A

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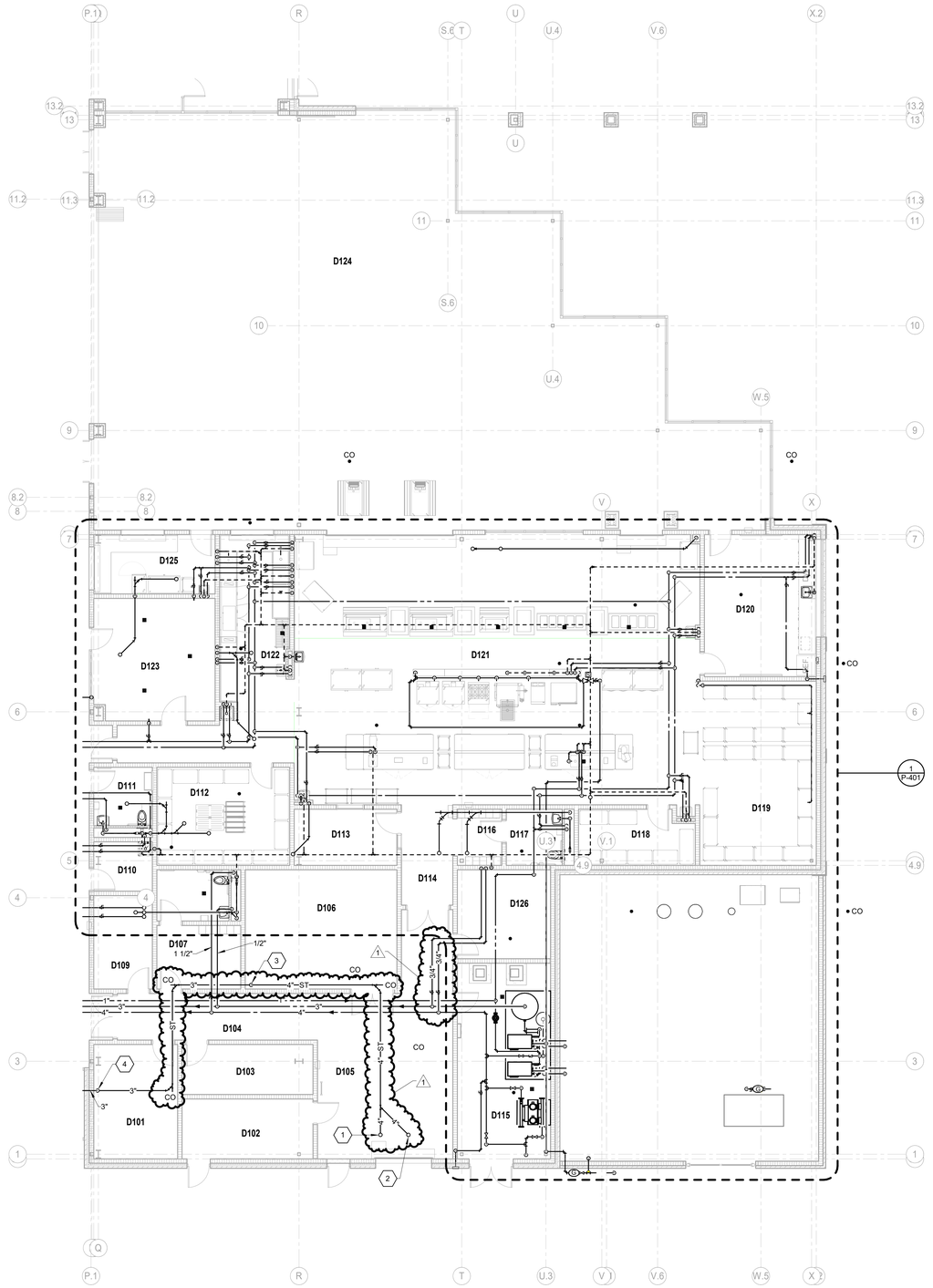

FIRST FLOOR PLUMBING PLAN - UNIT D

SCALE: 1/8" = 1'-0"

ROOM LEGEND - FIRST FLOOR UNIT D

ROOM NO.	ROOM NAME	AREA (SF)
D101	STORAGE	196 SF
D102	ELECTRICAL	161 SF
D103	STORAGE	134 SF
D104	CORRIDOR	191 SF
D105	RECEIVING	547 SF
D106	STORAGE	370 SF
D107	LOCKERS	109 SF
D108	RESTROOM	76 SF
D109	CUSTODIAL STAFF	112 SF
D110	CUSTODIAN	59 SF
D111	RESTROOM	70 SF
D112	DRY STORAGE	267 SF
D113	OFFICE	118 SF
D114	CORRIDOR	106 SF
D115	BUILDING SERVICES	373 SF
D116	LOCKERS	55 SF
D117	RESTROOM	64 SF
D118	STORAGE	127 SF
D119	COOLER / FREEZER	439 SF
D120	FACULTY DINING	325 SF
D121	KITCHEN / SERVING	2365 SF
D122	DISHWASHING	240 SF
D123	HYDROPONICS	301 SF
D124	CAFETERIA	4442 SF
D125	ALA CART	148 SF
D126	STORAGE	170 SF

FIRST FLOOR UNIT D PLAN NOTES

1 4" STORM FROM ROOF DRAIN ABOVE.

2 4" STORM FROM OVERFLOW ROOF DRAIN ABOVE.

3 4" STORM DOWN TO BELOW SLAB.

4 3" STORM OFFSET DOWN AND ROUTED HORIZONTALLY.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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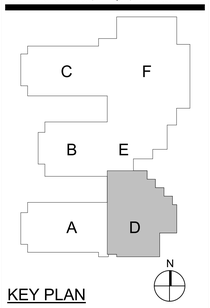

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: JE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	11-11-2025

FIRST FLOOR PLUMBING PLAN - UNIT D

PL11D

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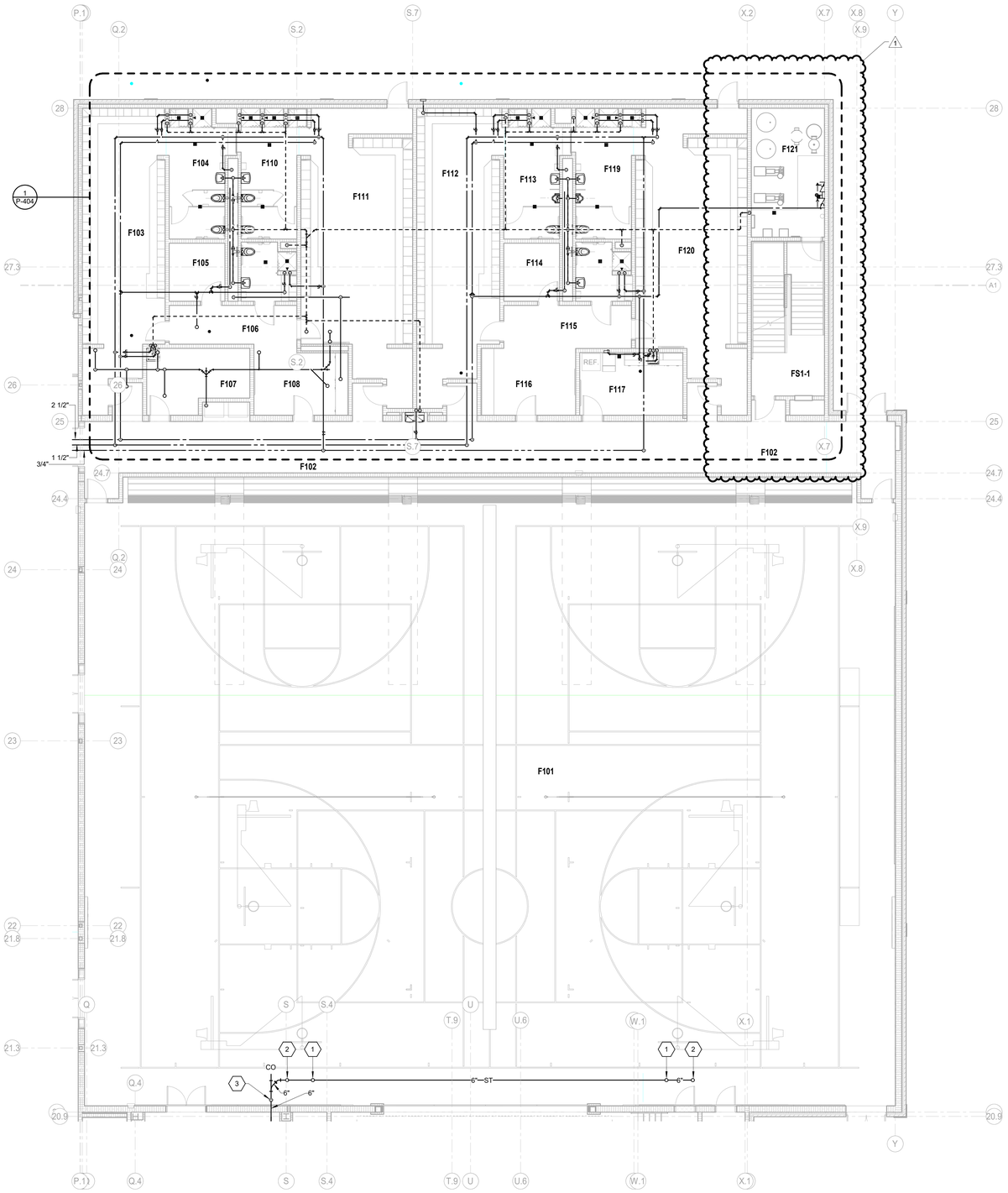

FIRST FLOOR PLUMBING PLAN - UNIT F

SCALE: 1/8" = 1'-0"

ROOM LEGEND - FIRST FLOOR UNIT F

ROOM NO.	ROOM NAME	AREA (SF)
F101	GYMNASIUM	12261 SF
F102	CORRIDOR	1209 SF
F103	GIRLS PE LOCKERS	542 SF
F104	RESTROOM	178 SF
F105	ATHLETIC STORAGE	78 SF
F106	CORRIDOR	122 SF
F107	CUSTODIAN	145 SF
F108	OFFICE	149 SF
F109	TOILET	73 SF
F110	RESTROOM	175 SF
F111	GIRLS TEAM LOCKERS	695 SF
F112	BOYS PE LOCKERS	543 SF
F113	RESTROOM	175 SF
F114	ATHLETIC STORAGE	78 SF
F115	CORRIDOR	136 SF
F116	OFFICE	149 SF
F117	TRAINING	156 SF
F118	TOILET	73 SF
F119	RESTROOM	175 SF
F120	BOYS TEAM LOCKER	705 SF
F121	MECHANICAL	228 SF

FIRST FLOOR UNIT F PLAN NOTES

1. 6" STORM FROM ROOF DRAIN ABOVE.
2. 6" STORM FROM OVERFLOW ROOF DRAIN ABOVE.
3. OFFSET 6" STORM DOWN ALONG WALL AND THRU WALL AT HIGH POINT.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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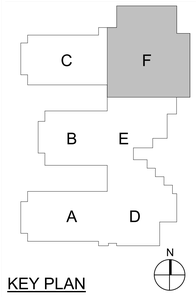

KEY PLAN

Construction Documents

MARK Z. HOPE REGISTERED No. PE 12200301 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	11-11-2025

FIRST FLOOR PLUMBING PLAN - UNIT F

PL11F

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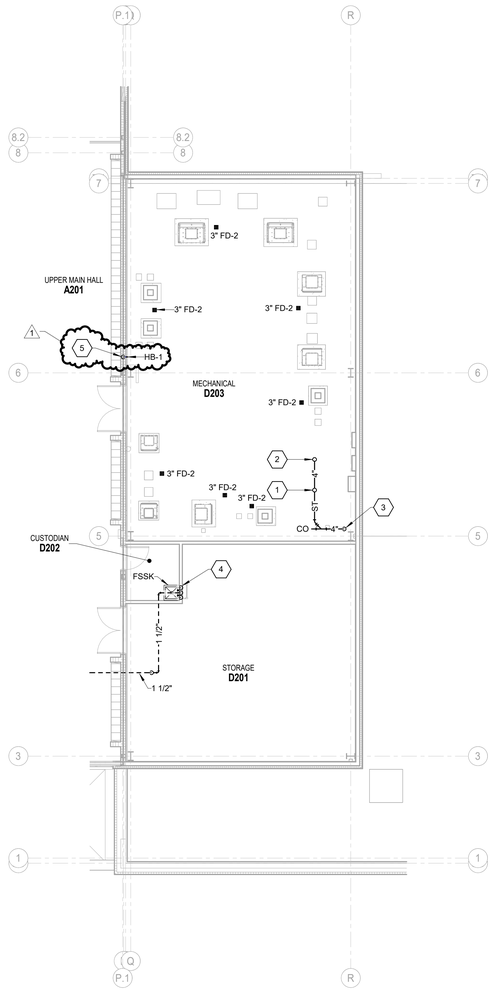

SECOND FLOOR PLUMBING PLAN - UNIT D

SCALE: 1/8" = 1'-0"

SECOND FLOOR UNIT D PLAN NOTES

1. 4" STORM FROM ROOF DRAIN ABOVE.
2. 4" STORM FROM OVERFLOW ROOF DRAIN ABOVE.
3. 4" STORM DOWN TO FLOOR BELOW.
4. 3/4" HOT AND COLD WATER FROM BELOW TO MOP BASIN FAUCET. 3" WASTE DOWN, 1 1/2" VENT UP TO ABOVE CEILING.
5. 3/4" COLD WATER FROM BELOW UP TO HOSE BIBB. MOUNT HOSE BIBB +24" A.F.F.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

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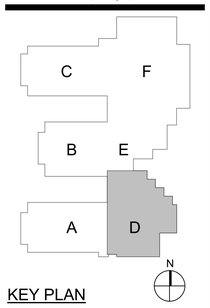

KEY PLAN

Construction Documents

MARK Z. HOOF REGISTERED No. PE 12000301 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	11-11-2025

SECOND FLOOR PLUMBING PLAN - UNIT D

PL12D

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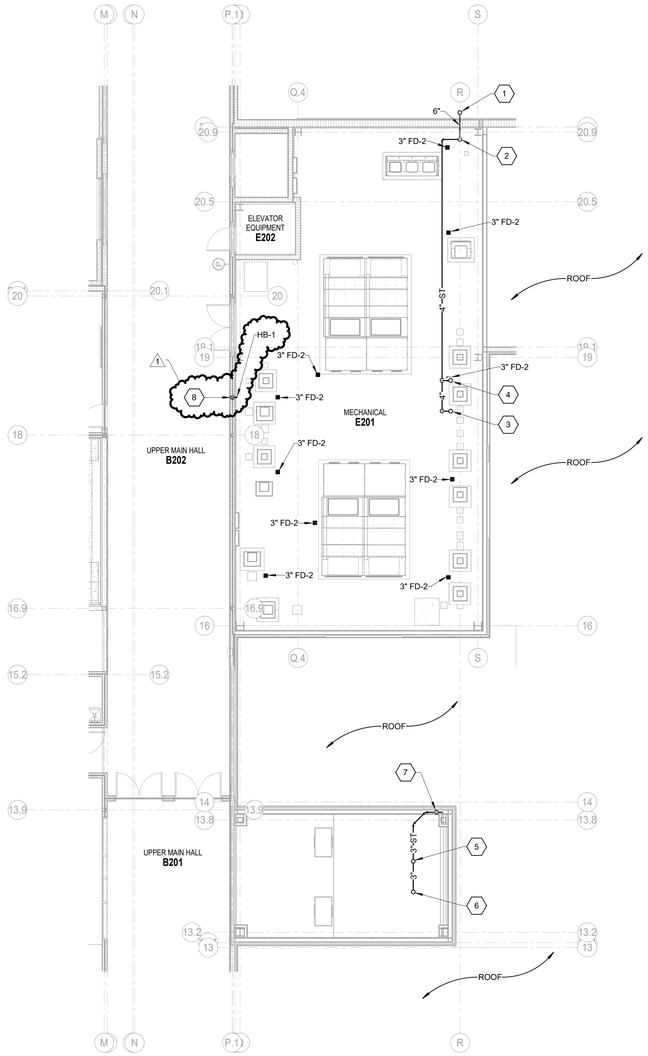

SECOND FLOOR PLUMBING PLAN - UNIT E

SCALE: 1/8" = 1'-0"

SECOND FLOOR UNIT E PLAN NOTES

1. 6" STORM FROM ABOVE.
2. 8" STORM DOWN TO FLOOR BELOW.
3. 4" STORM FROM ROOF DRAIN ABOVE.
4. 4" STORM FROM OVERFLOW ROOF DRAIN ABOVE.
5. 3" STORM FROM ROOF DRAIN ABOVE.
6. 3" STORM FROM OVERFLOW ROOF DRAIN ABOVE.
7. 3" STORM DOWN TO FLOOR BELOW.
8. 3/4" COLD WATER FROM BELOW UP TO HOSE BIBB. MOUNT HOSE BIBB +24" A.F.F.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

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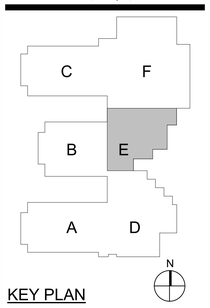

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: JE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	11-11-2025

SECOND FLOOR PLUMBING PLAN - UNIT E

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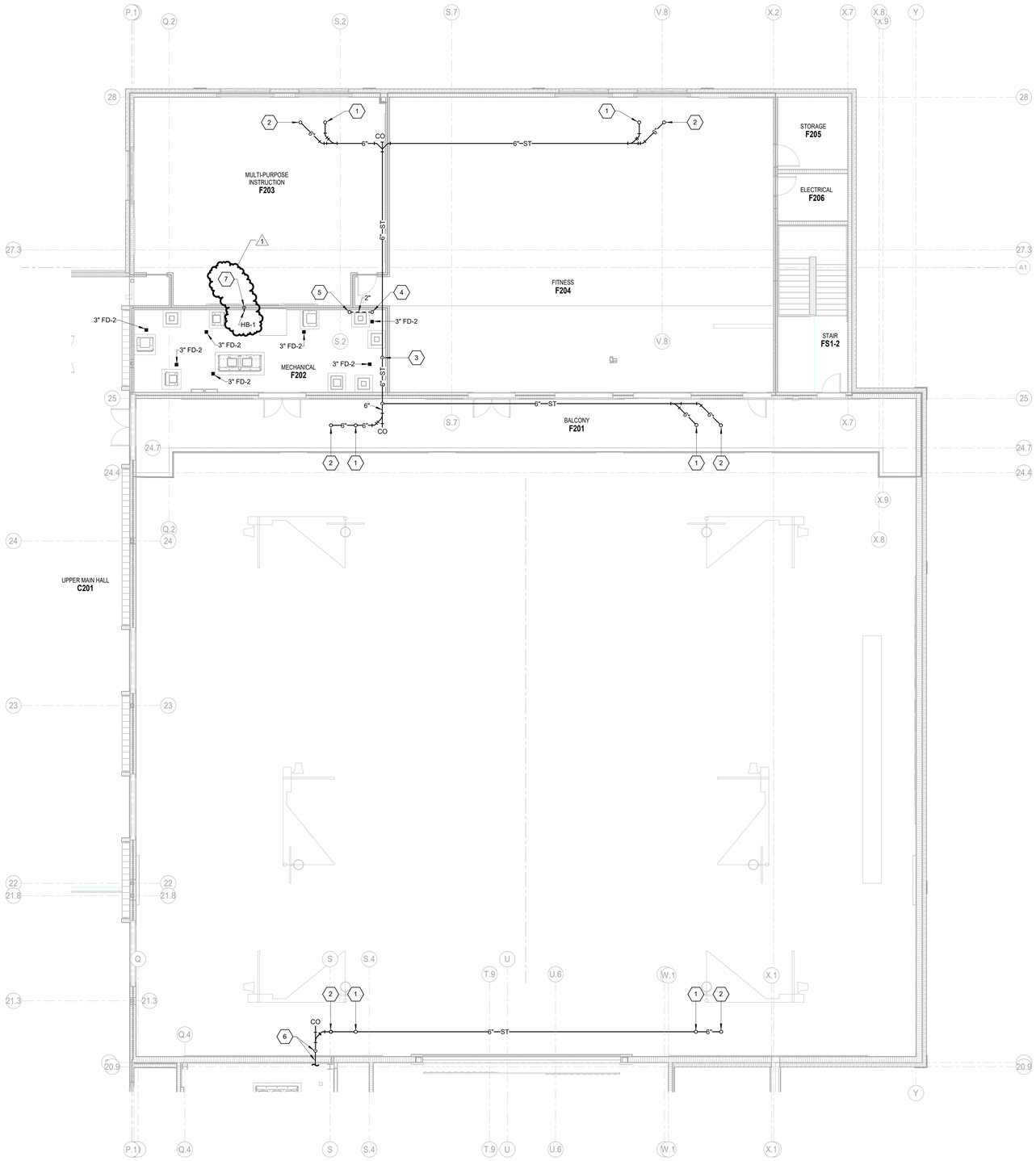

SECOND FLOOR PLUMBING PLAN - UNIT F

SCALE: 1/8" = 1'-0"

SECOND FLOOR UNIT F PLAN NOTES

1. 6" STORM FROM ROOF DRAIN ABOVE.
2. 6" STORM FROM OVERFLOW ROOF DRAIN ABOVE.
3. 8" STORM DOWN TO FLOOR BELOW.
4. 2" VENT UP FROM FLOOR BELOW.
5. 4" VENT FROM BELOW UP TO 4" VENT THRU ROOF.
6. 6" STORM DOWN ALONG GYMNASIUM WALL. TURN THRU MECHANICAL ROOM WALL.
7. 3/4" COLD WATER FROM BELOW UP TO HOSE BIBB. MOUNT HOSE BIBB +24" A.F.F.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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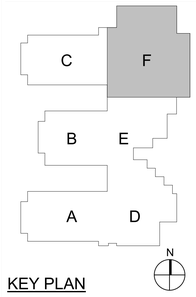

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: JE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	11-11-2025

SECOND FLOOR PLUMBING PLAN - UNIT F

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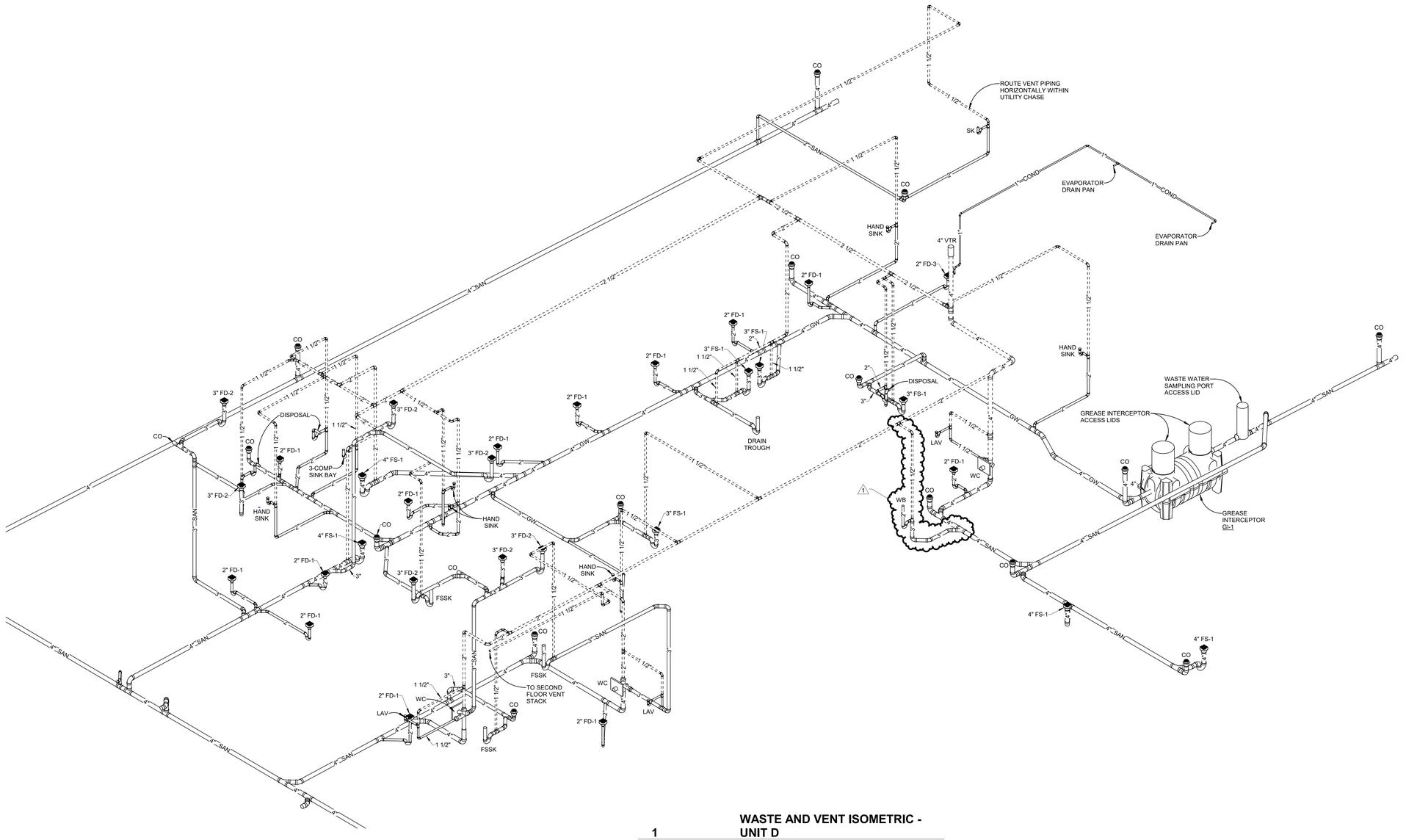

1 WASTE AND VENT ISOMETRIC - UNIT D

N.T.S.

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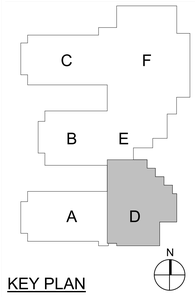

KEY PLAN

Construction Documents

MARK Z. HOOF REGISTERED No. PE 12000001 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	11-11-2025

WASTE AND VENT ISOMETRICS - UNIT D

P-304

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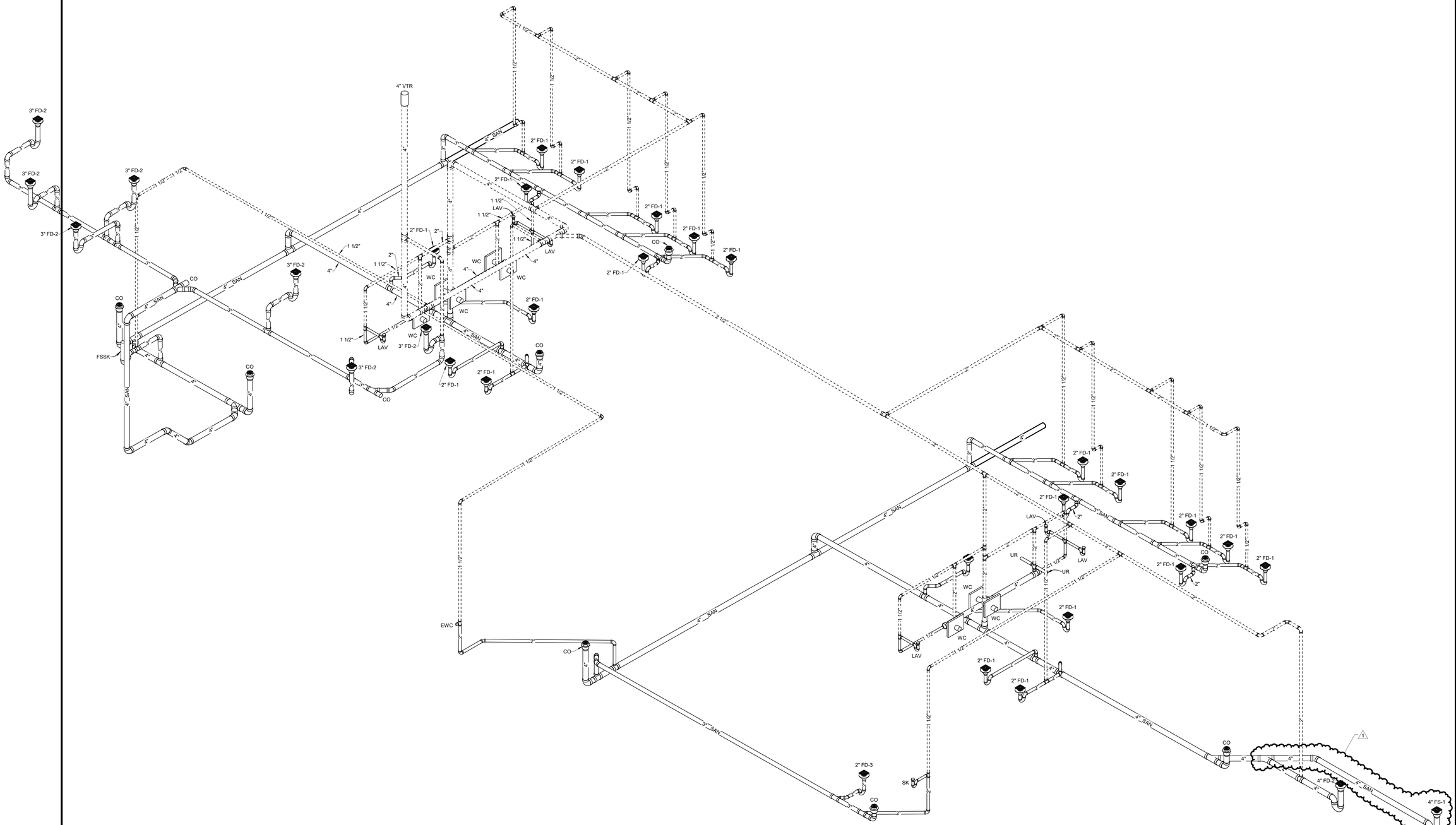

1 WASTE AND VENT ISOMETRIC - UNIT F

N.T.S.

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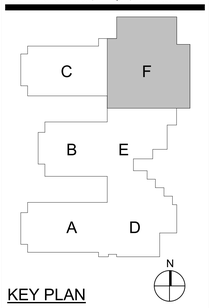

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: JE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	11-11-2025

WASTE AND VENT ISOMETRICS - UNIT F

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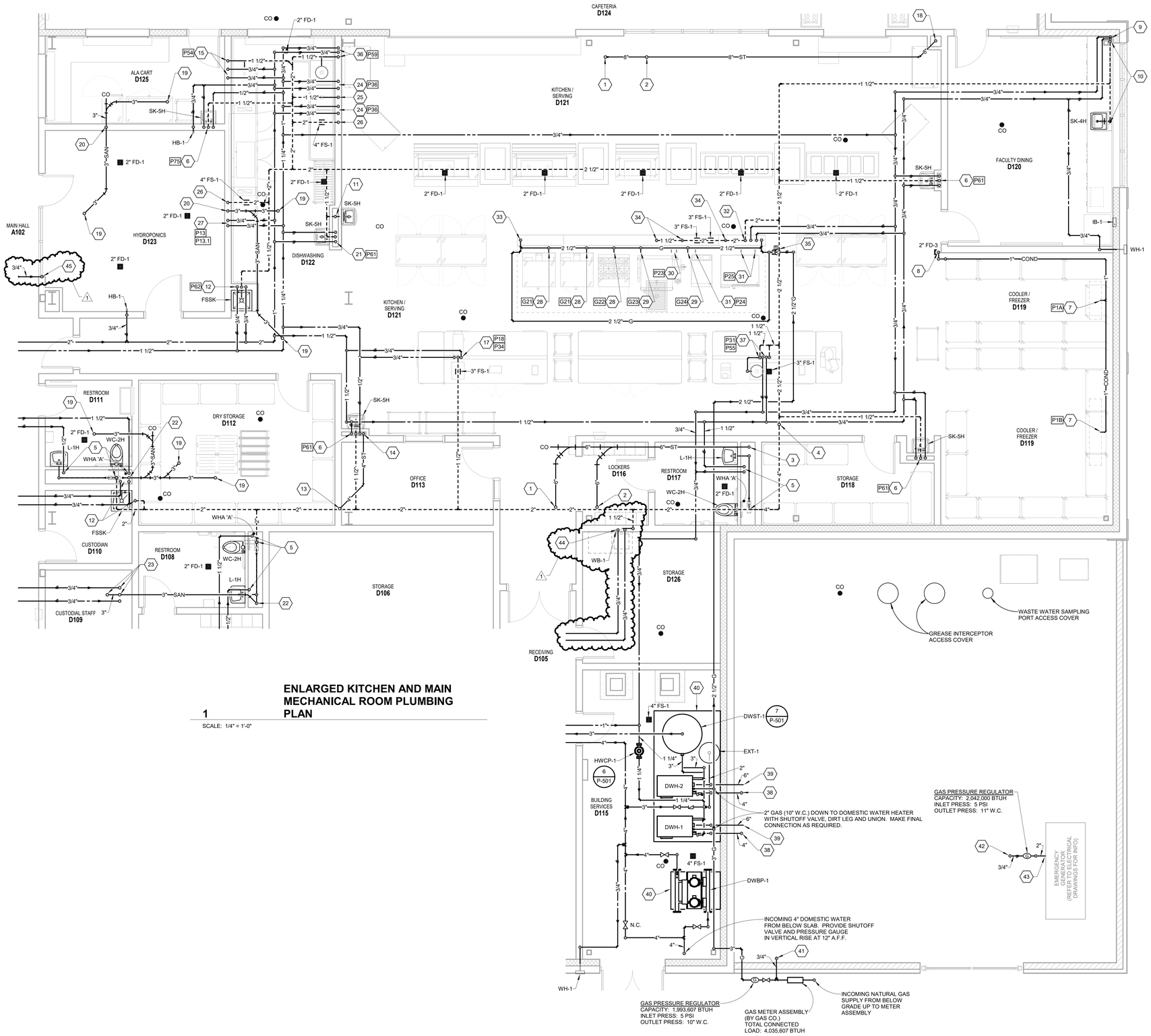

ENLARGED KITCHEN AND MAIN MECHANICAL ROOM PLUMBING PLAN

1

SCALE: 1/4" = 1'-0"

ENLARGED PLAN NOTES P401

37 3/4" HOT AND COLD WATER DOWN IN STAINLESS STEEL CHASE. EXTEND TO FAUCET THRU POINT-OF-USE TMV. SET OUTLET TEMP OF TMV AT 110 DEG. F. MAKE FINAL CONNECTION AS REQUIRED. EXTEND COLD WATER TO DISPOSER THRU KEC PROVIDED VACUUM BREAKER. MAKE FINAL CONNECTION AS REQUIRED. 2" WASTE FROM DISPOSER DOWN TO BELOW SLAB, 1 1/2" VENT UP TO ABOVE CEILING. TERMINATE INDIRECT WASTE OVER FLOOR SINK WITH AIR GAP.

38 4" WATER HEATER INTAKE THRU EXTERIOR WALL. TERMINATE WITH 90 DEG. ELBOW TURNED DOWN WITH BUG SCREEN. SEAL WALL PENETRATION WEATHERTIGHT AND AS REQUIRED.

39 6" WATER HEATER EXHAUST THRU EXTERIOR WALL. TERMINATE WITH BUG SCREEN. SEAL WALL PENETRATION WEATHERTIGHT AND AS REQUIRED.

40 CONCRETE EQUIPMENT PAD. REFR TO SPECIFICATIONS FOR MORE INFORMATION.

41 3/4" GAS (5 PSI) DOWN TO BELOW GRADE. PROVIDE SHUTOFF VALVE AT +12" A.F.G. PROVIDEGAS PIPE MATERIAL TRANSITION AS INDICATED ON GAS PIPE TRANSITION MATERIAL DETAIL ON DRAWING P-501.

42 3/4" GAS (5 PSI) UP FROM BELOW GRADE. PROVIDE GAS PIPE MATERIAL TRANSITION AS INDICATED ON GAS PIPE TRANSITION MATERIAL AT EQUIPMENT DETAIL ON DRAWING P-501.

43 CONNECT 2" GAS (11" W.C.) TO EMERGENCY GENERATOR WITH SHUTOFF VALVE, MIN. 6" DIRT LEG AND UNION. MAKE FINAL CONNECTION AS REQUIRED.

44 3/4" HOT AND COLD WATER DOWN TO WASHER SUPPLY BOX. 3" WASTE DOWN TO BELOW SLAB, 1 1/2" VENT UP TO ABOVE CEILING. PLUG WASHER BOX OUTLET FOR TEMPORARY CLOSURE. WASHER SUPPLY BOX IS FOR FUTURE USE.

45 3/4" COLD WATER UP.

ENLARGED PLAN NOTES P401

1 6" STORM FROM ROOF DRAIN ABOVE.

2 6" STORM FROM OVERFLOW ROOF DRAIN ABOVE.

3 6" STORM DOWN TO BELOW SLAB.

4 4" VENT UP TO 4" VENT THRU ROOF.

5 1 1/2" COLD WATER AND 1/2" HOT WATER DOWN IN CHASE. EXTEND TO FIXTURES AS REQUIRED. PROVIDE ACCESSIBLE WATER HAMMER ARRESTER TYPE 'A' AT FLUSH VALVE CONNECTION. 4" WASTE DOWN TO BELOW SLAB, 4" VENT UP TO ABOVE CEILING.

6 1/2" HOT AND COLD WATER DOWN. 2" WASTE DOWN TO BELOW SLAB, 1 1/2" VENT UP TO ABOVE CEILING.

7 CONNECT 1" CONDENSATE TO WALK-IN COOLER/FREEZER EVAPORATOR COIL DRAIN PAN.

8 TERMINATE 1" CONDENSATE DRAIN OVER FLOOR DRAIN WITH P-TRAP ASSEMBLY AND AIR GAP.

9 3/4" HOT AND COLD WATER DOWN INTO UTILITY CHASE. ROUTE PIPING ALONG INSIDE WALL OF CHASE AND EXTEND TO SINK. MAKE FINAL CONNECTIONS AS REQUIRED. EXTEND 1/2" COLD WATER TO ICE MAKER SUPPLY BOX. MAKE FINAL CONNECTION AS REQUIRED. EXTEND 1/2" COLD WATER TO UNDERCOUNTER DISHWASHER. ROUTE DRAIN FROM DISHWASHER TO SINK TAILPIECE DRAIN CONNECTION BARB FITTING THRU ANTI-SIPHON LOOP. SUPPORT PIPING WITHIN CHASE AS REQUIRED.

10 2" WASTE DOWN TO BELOW SLAB, 1 1/2" VENT UP INTO UTILITY CHASE. ROUTE VENT PIPING AS HIGH AS POSSIBLE. 2" VENT UP TO ABOVE CEILING.

11 2" WASTE DOWN TO BELOW SLAB, 1 1/2" VENT UP TO ABOVE CEILING.

12 3/4" HOT AND COLD WATER WITH SHUTOFF VALVES AND CHECK VALVES IN SUPPLIES DOWN TO MOP BASIN FAUCET. 1 1/2" VENT FROM BELOW SLAB UP TO ABOVE CEILING.

13 4" STORM FROM ABOVE.

14 4" STORM DOWN TO BELOW SLAB.

15 3/4" HOT AND COLD WATER DOWN TO FAUCET. MAKE FINAL CONNECTION AS REQUIRED. EXTEND COLD WATER TO DISPOSER THRU KEC PROVIDED VACUUM BREAKER. MAKE FINAL CONNECTION AS REQUIRED. 2" WASTE FROM DISPOSER DOWN TO BELOW SLAB, 1 1/2" VENT UP TO ABOVE CEILING.

17 3/4" HOT AND COLD WATER DOWN IN STAINLESS STEEL CHASE. EXTEND TO FAUCET. MAKE FINAL CONNECTION AS REQUIRED. 1 1/2" VENT FROM BELOW SLAB UP TO ABOVE CEILING. TERMINATE INDIRECT WASTE OVER FLOOR SINK WITH AIR GAP. EXTEND 1/2" COLD WATER TO HOT WATER DISPENSER. MAKE FINAL CONNECTION AS REQUIRED.

18 8" STORM DOWN TO BELOW SLAB.

19 3" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.

20 3" WASTE DOWN TO BELOW SLAB.

21 1/2" HOT AND COLD WATER DOWN. EXTEND 1/2" HOT AND COLD WATER WITHIN CHASE TO BOTH LAVATORIES AND MAKE FINAL CONNECTIONS AS REQUIRED. 2" WASTE DOWN TO BELOW SLAB, 1 1/2" VENT UP TO ABOVE CEILING.

22 3" WASTE DOWN INTO CHASE. CONNECT TO WATER CLOSET CARRIER.

23 3/4" HOT AND COLD WATER WITH SHUTOFF VALVES AND CHECK VALVES IN SUPPLIES UP TO MOP BASIN FAUCET. 3" WASTE WITH DEEP SEAL P-TRAP FROM MOP BASIN ABOVE. 1 1/2" VENT UP.

24 3/4" HOT AND COLD WATER DOWN TO FAUCET. MAKE FINAL CONNECTIONS AS REQUIRED.

25 2" WASTE DOWN TO BELOW SLAB, 1 1/2" VENT UP TO ABOVE CEILING.

26 2" VENT FROM BELOW SLAB UP TO ABOVE CEILING.

27 3/4" HOT AND COLD WATER DOWN TO DISHMACHINE AND DRAIN WATER TEMPERING VALVE. MAKE FINAL CONNECTIONS AS REQUIRED. TERMINATE DISHMACHINE INDIRECT WASTE OVER FLOOR SINK WITH AIR GAP.

28 EXTEND 1" GAS TO EQUIPMENT THRU SHUTOFF VALVE AND KEC PROVIDED FLEXIBLE GAS CONNECTION KIT. MAKE FINAL CONNECTION TO EQUIPMENT AS REQUIRED.

29 EXTEND 3/4" GAS TO EQUIPMENT THRU SHUTOFF VALVE AND KEC PROVIDED FLEXIBLE GAS CONNECTION KIT. MAKE FINAL CONNECTION TO EQUIPMENT AS REQUIRED.

30 EXTEND 1/2" HOT AND COLD WATER FROM UTILITY DISTRIBUTION SYSTEM CONNECTION TO EQUIPMENT. MAKE FINAL CONNECTIONS TO EQUIPMENT AS REQUIRED.

31 EXTEND 1/2" COLD WATER FROM UTILITY DISTRIBUTION SYSTEM CONNECTION TO EQUIPMENT. MAKE FINAL CONNECTION TO EQUIPMENT AS REQUIRED.

32 2" VENT UP FROM UDS. 3/4" HOT AND COLD WATER. 2 1/2" GAS DOWN TO UDS CONNECTIONS. MAKE FINAL CONNECTIONS AS REQUIRED.

33 2 1/2" GAS UP FROM UDS TO ABOVE CEILING.

34 1 1/2" VENT UP TO BELOW UDS. CONNECT TO HORIZONTAL VENT HEADER.

35 EMERGENCY GAS SHUTOFF SOLENOID VALVE BELOW CEILING. INTERLOCK INTO COOKING HOOD FIRE SUPPRESSION SYSTEM. COORDINATE LOCATION WITH COOKING HOOD AND DUCTWORK.

36 3/4" HOT AND COLD WATER DOWN TO HOSE REEL THRU POINT-OF-USE TMV. SET OUTLET TEMP OF TMV AT 110 DEG. F. MAKE FINAL CONNECTION AS REQUIRED. EXTEND COLD WATER TO DISPOSER THRU KEC PROVIDED VACUUM BREAKER. MAKE FINAL CONNECTION AS REQUIRED. 2" WASTE FROM DISPOSER DOWN TO BELOW SLAB, 1 1/2" VENT UP TO ABOVE CEILING.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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The New Wallace Aylesworth Middle School

5910 Central Ave., Portage, Indiana 46368

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ARCHITECT

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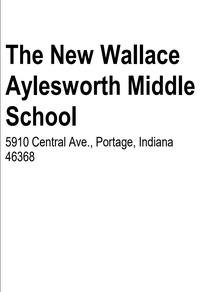

KEY PLAN

Construction Documents

MARK Z. HOSE REGISTERED No. PE 12000301 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	11-11-2025

ENLARGED PLUMBING PLANS

P-401

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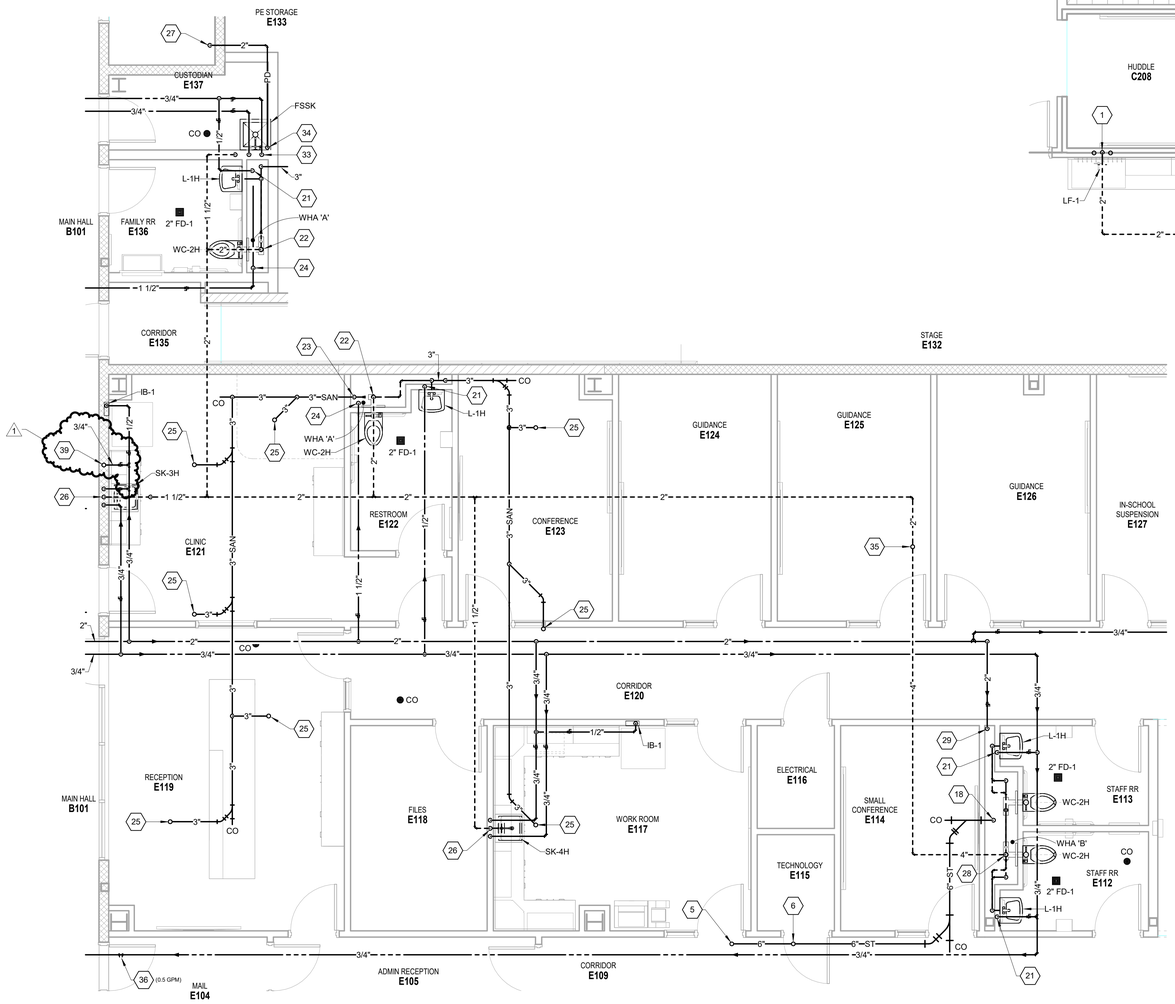
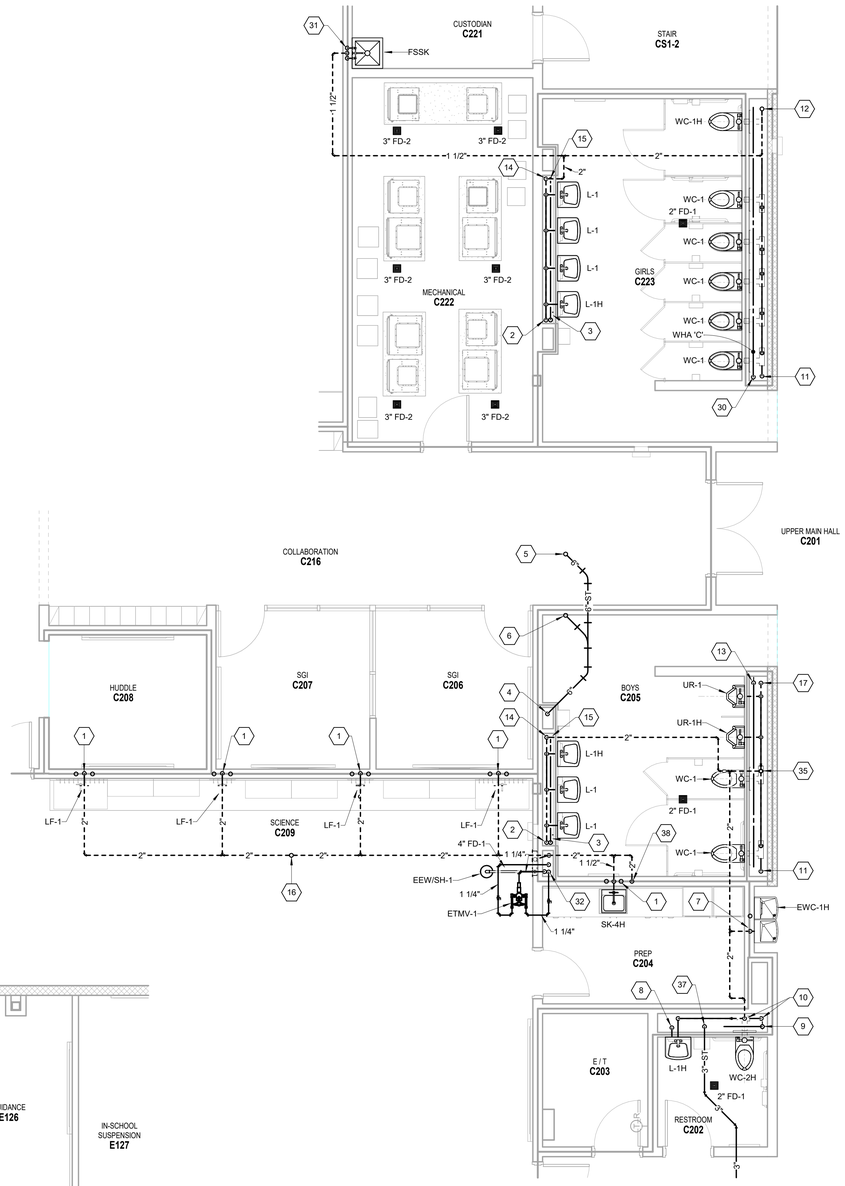


ENLARGED UNIT E FIRST FLOOR PLUMBING PLAN

SCALE: 1/4" = 1'-0"



ENLARGED UNIT C SECOND FLOOR PLUMBING PLAN

SCALE: 1/4" = 1'-0"

ENLARGED PLAN NOTES P403

1 3/4" HOT AND COLD WATER FROM BELOW. 2" ACID WASTE DOWN, 2" VENT UP TO ABOVE CEILING.

2 2" VENT FROM BELOW UP INTO CHASE.

3 3/4" HOT AND COLD WATER FROM BELOW, EXTEND 1/2" HOT AND COLD WATER TO FIXTURES AS REQUIRED. PROVIDE SHUTOFF VALVES IN VERTICAL RISE AT +24" A.F.F. COORDINATE VALVE LOCATIONS WITH ACCESS PANEL.

4 6" STORM DOWN TO FLOOR BELOW.

5 6" STORM FROM ROOF DRAIN ABOVE.

6 6" STORM FROM OVERFLOW ROOF DRAIN ABOVE.

7 2" WASTE DOWN, 2" VENT UP TO ABOVE CEILING. 1/2" COLD WATER FROM BELOW. EXTEND TO FIXTURE AS REQUIRED.

8 1/2" HOT WATER FROM BELOW. EXTEND TO FIXTURE AS REQUIRED.

9 1 1/2" COLD WATER FROM BELOW. EXTEND TO FIXTURES AS REQUIRED. PROVIDE ACCESSIBLE WATER HAMMER ARRESTER TYPE 'A' AT FLUSH VALVE CONNECTION. PROVIDE SHUTOFF VALVE AT +24" A.F.F. COORDINATE VALVE LOCATION WITH ACCESS PANEL.

10 4" WASTE DOWN TO FLOOR BELOW, 2" VENT UP TO ABOVE CEILING.

11 4" WASTE DOWN TO FLOOR BELOW.

12 4" VENT FROM BELOW AND UP TO 4" VENT THRU ROOF.

13 2 1/2" COLD WATER FROM BELOW. EXTEND FULL SIZE THRU ENTIRE LENGTH OF CHASE. EXTEND COLD WATER TO FIXTURES AS REQUIRED. PROVIDE ACCESSIBLE WATER HAMMER ARRESTER TYPE 'B' AT LAST FLUSH VALVE CONNECTION. PROVIDE SHUTOFF VALVE IN PIPE RISE AT +24" A.F.F. COORDINATE VALVE LOCATION WITH ACCESS PANEL.

14 2" VENT UP TO ABOVE CEILING.

15 3/4" HOT WATER RETURN DOWN TO FLOOR BELOW.

16 2" ACID VENT UP TO 3" VENT THRU ROOF.

17 4" VENT UP FROM BELOW UP INTO CHASE.

18 6" STORM DOWN TO BELOW SLAB.

21 1/2" HOT WATER DOWN IN CHASE. EXTEND TO FIXTURE AS REQUIRED. EXTEND LAVATORY WASTE AND VENT AND CONNECT TO WATER CLOSET CARRIER.

22 4" WASTE DOWN TO BELOW SLAB, 2" VENT UP TO ABOVE CEILING.

23 3" WASTE DOWN IN CHASE. CONNECT TO WATER CLOSET CARRIER.

24 1 1/2" COLD WATER DOWN IN CHASE. EXTEND TO FIXTURES AS REQUIRED. PROVIDE ACCESSIBLE WATER HAMMER ARRESTER TYPE 'A' AT FLUSH VALVE CONNECTION.

25 3" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.

26 3/4" HOT AND COLD WATER DOWN. 2" WASTE DOWN TO BELOW SLAB, 1 1/2" VENT UP TO ABOVE CEILING.

27 2" ELEVATOR SUMP PUMP DISCHARGE UP TO ABOVE CEILING.

28 4" WASTE DOWN TO BELOW SLAB, 4" VENT UP TO ABOVE CEILING.

29 2" COLD WATER DOWN IN CHASE. ROUTE COLD WATER FULL SIZE THRU ENTIRE LENGTH OF CHASE. EXTEND COLD WATER TO FIXTURES AS REQUIRED. PROVIDE ACCESSIBLE WATER HAMMER ARRESTER TYPE 'B' AT LAST FLUSH VALVE CONNECTION.

30 2 1/2" COLD WATER FROM BELOW. EXTEND FULL SIZE THRU ENTIRE LENGTH OF CHASE. EXTEND COLD WATER TO FIXTURES AS REQUIRED. PROVIDE ACCESSIBLE WATER HAMMER ARRESTER TYPE 'C' AT LAST FLUSH VALVE CONNECTION. PROVIDE SHUTOFF VALVE IN PIPE RISE AT +24" A.F.F. COORDINATE VALVE LOCATION WITH ACCESS PANEL.

31 3/4" HOT AND COLD WATER FROM BELOW UP TO MOP BASIN FAUCET. 1 1/2" FROM FLOOR BELOW UP TO ABOVE CEILING.

32 1 1/4" HOT AND COLD WATER FROM BELOW. 1 1/4" 85 DEG. F. HOT WATER DOWN TO EMERGENCY EYEWASH/SHOWER. 4" WAST DOWN TO FLOOR BELOW, 2" VENT UP. CONNECT TO LAVATORY VENT HEADER.

33 3/4" HOT AND COLD WATER DOWN TO MOP BASIN FAUCET. 1 1/2" VENT UP FROM BELOW SLAB TO ABOVE CEILING.

34 2" ELEVATOR SUMP PUMP DISCHARGE DOWN. TERMINATE OVER MOP BASIN WITH AIR GAP.

35 4" VENT UP TO 4" VENT THRU ROOF.

36 HOT WATER RETURN BALANCE STATION. SET TO GPM INDICATED. REFER TO DETAIL ON DRAWING P-501 FOR MORE INFORMATION.

37 3" STORM DOWN INTO CHASE TO FLOOR BELOW.

38 2" VENT FROM BELOW UP TO ABOVE CEILING.

1 3/4" COLD WATER UP.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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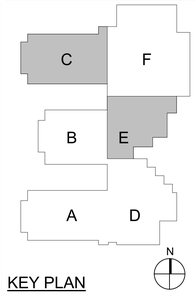

KEY PLAN

Construction Documents

MARK Z. HOPE REGISTERED No. PE 12200301 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	11-11-2025

ENLARGED PLUMBING PLANS

P-403

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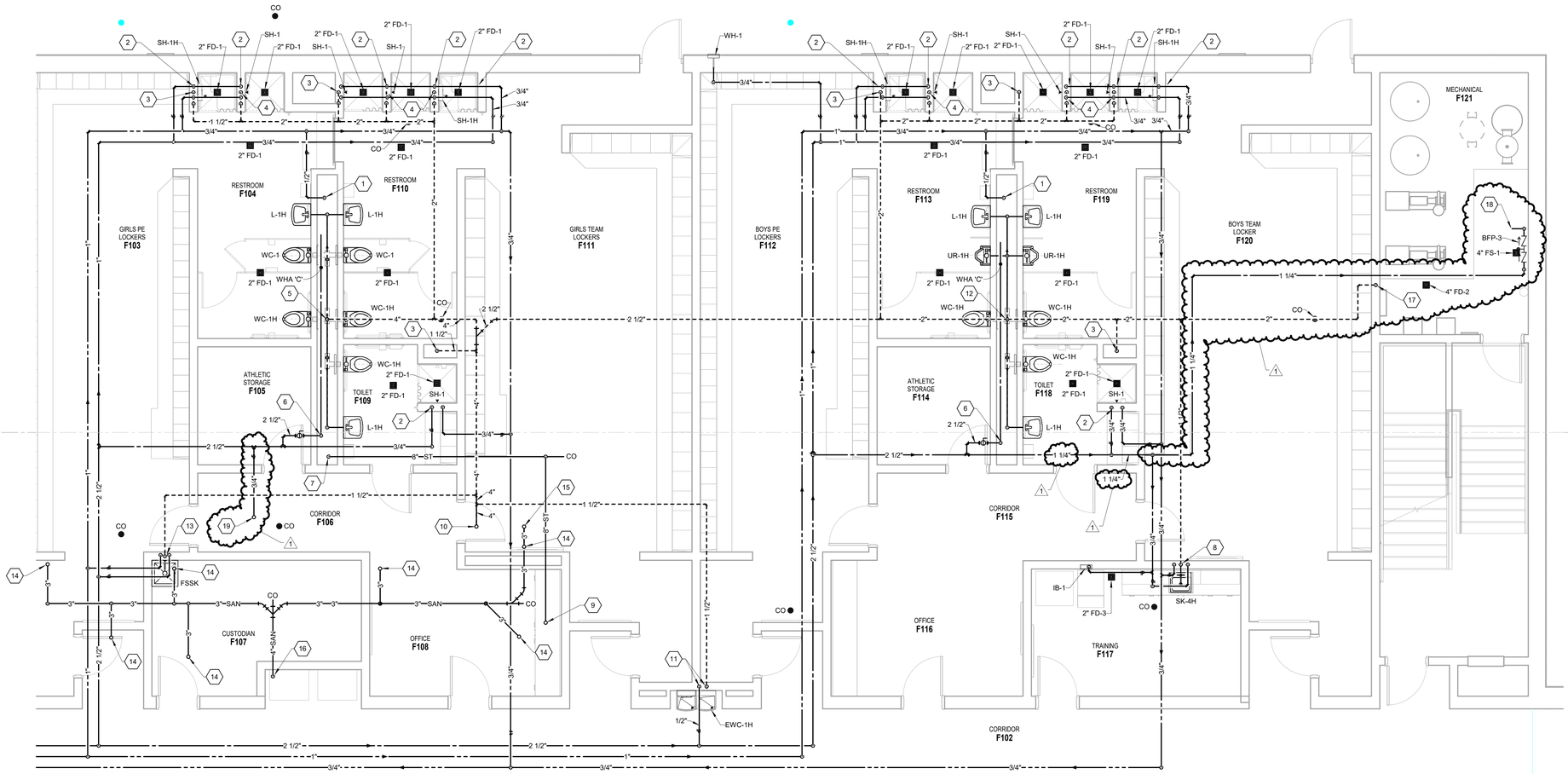

1 ENLARGED UNIT F FIRST FLOOR PLUMBING PLAN

SCALE: 1/4" = 1'-0"

ENLARGED PLAN NOTES P404

1. 1/2" HOT WATER DOWN IN CHASE. EXTEND TO FIXTURES AS REQUIRED.
2. 3/4" HOT AND COLD WATER DOWN TO SHOWER VALVE.
3. 1 1/2" VENT FROM BELOW SLAB UP TO ABOVE CEILING.
4. 1 1/2" VENT UP FROM BELOW SLAB. OFFSET BELOW SHOWER VALVE AND ROUTE UP TO ABOVE CEILING.
5. 4" WASTE DOWN TO BELOW SLAB, 4" VENT UP TO ABOVE CEILING.
6. 2 1/2" COLD WATER DOWN INTO CHASE. EXTEND FULL SIZE THRU ENTIRE LENGTH OF CHASE. EXTEND COLD WATER TO FIXTURES AS REQUIRED. PROVIDE ACCESSIBLE WATER HAMMER ARRESTER TYPE 'C' AT LAST FLUSH VALVE CONNECTION.
7. 8" STORM DOWN TO BELOW SLAB.
8. 3/4" HOT AND COLD WATER DOWN. 2" WASTE DOWN TO BELOW SLAB, 1 1/2" VENT UP TO ABOVE CEILING.
9. 8" STORM FROM ABOVE.
10. 4" VENT UP TO FLOOR ABOVE.
11. 1/2" COLD WATER DOWN. 2" WASTE DOWN TO BELOW SLAB, 1 1/2" VENT UP TO ABOVE CEILING.
12. 4" WASTE DOWN TO BELOW SLAB, 2" VENT UP TO ABOVE CEILING.
13. 3/4" HOT AND COLD WATER WITH SHUTOFF VALVES AND CHECK VALVES IN SUPPLIES DOWN TO MOP BASIN FAUCET.
14. 3" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.
15. 3" WASTE DOWN, 1 1/2" VENT UP TO FLOOR ABOVE.
16. 4" WASTE DOWN TO BELOW SLAB.
17. 2" VENT FROM BELOW SLAB UP TO MECHANICAL ROOM CEILING SPACE.
18. 1 1/4" NON-POTABLE COLD WATER TO GEO-THERMAL LOOP MAKE-UP WATER CONNECTION. REFER TO HVAC DRAWINGS FOR CONTINUATION.
19. 3/4" COLD WATER UP.

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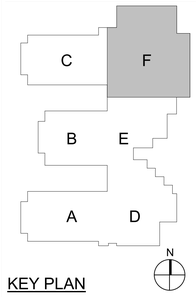

KEY PLAN

Construction Documents

MARK Z. HOOF REGISTERED No. PE 1200201 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	11-11-2025

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

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ENLARGED PLUMBING PLANS

P-404

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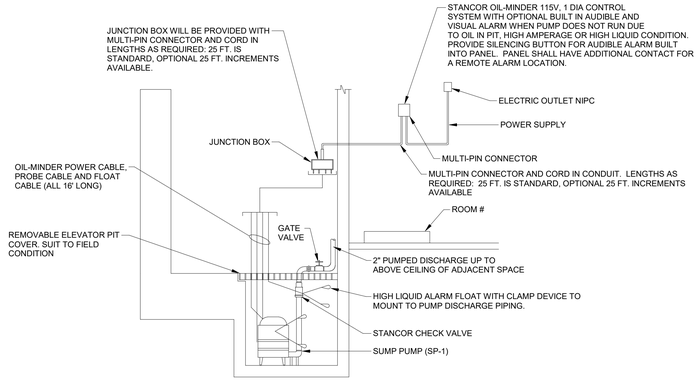
PLUMBING FIXTURE SCHEDULE

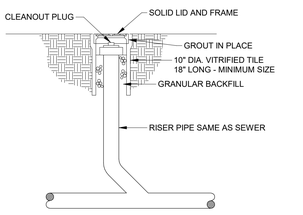
MARK	FIXTURE ITEM	FIXTURE MFGR	FIXTURE MODEL	FIXTURE MATERIAL	FIXTURE TYPE	FIXTURE COLOR	TRIM ITEM	TRIM MFGR	TRIM MODEL	ACCESSORIES ITEM	ACCESSORIES MFGR	ACCESSORIES MODEL	CONNECTIONS CW	CONNECTIONS HW	CONNECTIONS W	CONNECTIONS V	COMMENTS
ANB-1	ACID NEUTRALIZATION BASIN	STRIEM	LB-50	POLYPROPYLENE											4"		4" INLET / OUTLET CONNECTIONS
EEW/SH-1	EMERGENCY SHOWER	GUARDIAN	GBF2150	STAINLESS	WALL MOUNTED	-	-	-	-	-	-	-	1/2"		2"	1 1/2"	
EWC-1H	ELECTRIC WATER COOLER	ELKAY	EZSTL8WSSK	STAINLESS	WALL MOUNTED	-	BUBBLER	-	-	BOTTLE FILLER	-	-	1/2"		2"	1 1/2"	WATER FILTER PROVIDED BY MFG.
FSSK	MOP SERVICE BASIN	FIAT	TSB-3000	TERAZZO	FLOOR MOUNTED	-	FAUCET	CHICAGO	897-CCP	-	-	-	3/4"	3/4"	3"	1 1/2"	PROVIDE SHUTOFF VALVES AND CHECK VALVES IN WATER SUPPLIES.
HB-1	HOSE BIBB	CHICAGO	387-E27CP	ROUGH BRONZE	WALL MOUNTED	-	-	-	-	-	-	-	3/4"				
HB-2	NARROW WALL HOSE BIBB	J.R. SMITH	5518	ROUGH BRONZE	WALL MOUNTED	-	-	-	-	-	-	-	3/4"				
IB-1	ICE MAKER SUPPLY BOX	GUY GRAY	MIB 1	STAINLESS	WALL MOUNTED	-	-	-	-	-	-	-	1/2"				REFER TO DETAIL ON DRAWING P-501 FOR MORE INFORMATION.
L-1	LAVATORY	AMERICAN STANDARD	0355.012	VIT. CHINA	WALL MOUNTED	WHITE	FAUCET	CHICAGO	420-E2805ABCP	POINT-OF-USE TMV	POWERS	LFG480	1/2"	1/2"	1 1/2"	1 1/2"	MANUALLY OPERATED FAUCET; SET TMV AT 105 DEG. F.; SIZE TMV FOR 0.25 GPM
L-1H	LAVATORY - ADA	AMERICAN STANDARD	0355.012	VIT. CHINA	WALL MOUNTED	WHITE	FAUCET	CHICAGO	420-E2805ABCP	POINT-OF-USE TMV	POWERS	LFG480	1/2"	1/2"	1 1/2"	1 1/2"	MANUALLY OPERATED FAUCET; SET TMV AT 105 DEG. F.; SIZE TMV FOR 0.25 GPM
LF-1	SCIENCE ROOM SINK FAUCET	BROEN LABS	25364602039-52A	-	-	-	-	-	-	-	-	-	1/2"	1/2"			
PT-1	PLASTER TRAP	MIFAB	M-SOLID-S	CAST IRON	CASEWORK	-	-	-	-	-	-	-			2"		
SH-1	SHOWER ASSEMBLY	CHICAGO	1907-620LCP	STAINLESS	WALL MOUNTED	-	-	-	-	-	-	-	3/4"	3/4"			
SH-1H	SHOWER ASSEMBLY - ADA	CHICAGO	SH-TP1-00-024	STAINLESS	WALL MOUNTED	-	-	-	-	-	-	-	3/4"	3/4"			
SK-1	SINGLE COMP. SINK - (BAND ROOM)	ELKAY	DLR3122120PD	STAINLESS	COUNTERTOP	-	FAUCET	CHICAGO	201-AGN8AE2805FAB	POINT-OF-USE TMV	POWERS	LFe480	1/2"	1/2"	2"	1 1/2"	MANUALLY OPERATED FAUCET; SET TMV AT 120 DEG. F.; SIZE TMV FOR 0.5 GPM.
SK-2	SINGLE COMP. SINK (ART ROOM)	ELKAY	LRAD1918-10	STAINLESS	COUNTERTOP	-	FAUCET	CHICAGO	201-AGN8AE2805FAB	POINT-OF-USE TMV	POWERS	LFe480	1/2"	1/2"	2"	1 1/2"	MANUALLY OPERATED FAUCET; SET TMV AT 120 DEG. F.; SIZE TMV FOR 0.5 GPM.
SK-2H	SINGLE COMP. SINK - ADA (ART ROOM)	ELKAY	LRAD1918-5.5	STAINLESS	COUNTERTOP	-	FAUCET	CHICAGO	201-AGN8AE2805FAB	POINT-OF-USE TMV	POWERS	LFe480	1/2"	1/2"	2"	1 1/2"	MANUALLY OPERATED FAUCET; SET TMV AT 120 DEG. F.; SIZE TMV FOR 0.5 GPM.
SK-3H	SINGLE COMP. SINK - ADA (CLINIC)	ELKAY	LRAD1918-5.5	STAINLESS	COUNTERTOP	-	FAUCET	CHICAGO	201-AGN8AE2805FAB	POINT-OF-USE TMV	POWERS	LFe480	1/2"	1/2"	2"	1 1/2"	MANUALLY OPERATED FAUCET; SET TMV AT 120 DEG. F.; SIZE TMV FOR 0.5 GPM; PROVIDE FAUCET MOUNTED EMERGENCY EYE-WASH EQUAL TO GUARDIAN MODEL G1100.
SK-4H	SINGLE COMP. SINK - ADA (GENERAL)	ELKAY	LRAD1918-5.5	STAINLESS	COUNTERTOP	-	FAUCET	CHICAGO	201-AGN8AE2805FAB	POINT-OF-USE TMV	POWERS	LFe480	1/2"	1/2"	2"	1 1/2"	MANUALLY OPERATED FAUCET; SET TMV AT 120 DEG. F.; SIZE TMV FOR 0.5 GPM.
SK-5H	KITCHEN HAND SINK	ADVANCE TABCO	7-PS-54	STAINLESS	WALL MOUNTED	-	-	-	-	POINT-OF-USE TMV	POWERS	LFG480	1/2"	1/2"	1 1/2"	1 1/2"	MANUALLY OPERATED FAUCET; SET TMV AT 105 DEG. F.; SIZE TMV FOR 0.25 GPM
SK-6H	DOUBLE COMP. SINK - ADA	ELKAY	LRAD3319-5.5	STAINLESS	COUNTERTOP	-	FAUCET	CHICAGO	200-A	POINT-OF-USE TMV	POWERS	LFe480	1/2"	1/2"	2"	1 1/2"	MANUALLY OPERATED FAUCET; SET TMV AT 120 DEG. F.; SIZE TMV FOR 0.5 GPM.
UR-1	URINAL	AMERICAN STANDARD	6590.001	VIT. CHINA	WALL MOUNTED	WHITE	FLUSH VALVE	SLOAN	8186-0.125	-	-	-	1"		2"	1 1/2"	BATTERY OPERATED FLUSH VALVE
UR-1H	URINAL - ADA	AMERICAN STANDARD	6590.001	VIT. CHINA	WALL MOUNTED	WHITE	FLUSH VALVE	SLOAN	8186-0.125	-	-	-	1"		2"	1 1/2"	BATTERY OPERATED FLUSH VALVE
WB-1	WATER SUPPLY / DRAIN BOX	ACORN	8186	STAINLESS	WALL MOUNTED	-	-	-	-	-	-	-	3/4"	3/4"	2"	1 1/2"	REFER TO DETAIL ON DRAWING P-501 FOR MORE INFORMATION.
WC-1	WATER CLOSET (GANG RESTROOMS)	AMERICAN STANDARD	2257.101	VIT. CHINA	WALL MOUNTED	WHITE	FLUSH VALVE	SLOAN	8111-1.28	SEAT	CENTOCO	1500 STSCCSS	1 1/2"		4"	2"	BATTERY OPERATED FLUSH VALVE
WC-1H	WATER CLOSET - ADA (GANG RESTROOMS)	AMERICAN STANDARD	2257.101	VIT. CHINA	WALL MOUNTED	WHITE	FLUSH VALVE	SLOAN	8111-1.28	SEAT	CENTOCO	1500 STSCCSS	1 1/2"		4"	2"	BATTERY OPERATED FLUSH VALVE
WC-2H	WATER CLOSET - ADA (SINGLE RESTROOMS	AMERICAN STANDARD	2257.101	VIT. CHINA	WALL MOUNTED	WHITE	FLUSH VALVE	SLOAN	111-1.28	SEAT	CENTOCO	1500 STSCCSS	1 1/2"		4"	2"	MANUALLY OPERATED FLUSH VALVE
WH-1	NON-FREEZE WALL HYDRANT	J.R. SMITH	5509QT	ROUGH BRONZE	WALL MOUNTED	-	-	-	-	-	-	-	3/4"				MOUNT AT 18" A.F.G. - COORDINATE WITH ARCHITECTURAL BUILDING ELEVATIONS.

PLUMBING EQUIPMENT SCHEDULE

MARK	DESCRIPTION	LOCATION	MANUFACTURER/MODEL NUMBER	CAPACITY	REMARKS	ELECTRICAL DATA HP	KW	V	AMP	PH	COMMENTS
BFP-1	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER NO. 1	CONCESSIONS BUILDING	WATTS MODEL NO. 009M2QT (2" SIZE)	40 GPM @ 13 PSI MAX. DROP	PIPE DISCHARGE FULL SIZE TO FLOOR DRAIN	-	-	-	-	-	
BFP-2	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER NO. 2	CONCESSIONS BUILDING	WATTS MODEL NO. 009M2QT (2" SIZE)	40 GPM @ 13 PSI MAX. DROP	PIPE DISCHARGE FULL SIZE TO FLOOR DRAIN	-	-	-	-	-	
BFP-3	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER NO. 3	MECHANICAL ROOM F121	WATTS MODEL NO. 009M2QT (1 1/4" SIZE)	35 GPM @ 15 PSI MAX. DROP	PIPE DISCHARGE FULL SIZE TO FLOOR DRAIN	-	-	-	-	-	
BFP-4	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER NO. 4	MECHANICAL ROOM A105	WATTS MODEL NO. 009M2QT (3/4" SIZE)	2 GPM @ 14 PSI MAX. DROP	PIPE DISCHARGE FULL SIZE TO NEAREST FLOOR DRAIN	-	-	-	-	-	
CWP-1	CAMPUS WATER DISTRIBUTION BOOSTER PUMP ASSEMBLY	BUILDING SERVICES D115	ARMSTRONG MODEL 4SV10	140 GPM @ 114' T.D.H. (EA. PUMP)	3600 RPM	5.5 (EA. PUMP)		480		3	INCOMING WATER PRESSURE APPROX. 59 PSI STATIC (56 PSI RESIDUAL - 20 PSI FLOWING 4,250 GPM.
DWH-1	DOMESTIC GAS WATER HEATER NO. 1	BUILDING SERVICES D115	LOCHINVAR - MODEL AWH0650NPM	772 GPH @ 100 DEG. TEMP. RISE (6.2 GAL. CAPACITY) 650,000 BTUH GAS INPUT	UNIT IS PROVIDED WITH (1) CIRCULATOR PUMP RATED FOR 1/2 HP			120		1	
DWH-2	DOMESTIC GAS WATER HEATER NO. 2	BUILDING SERVICES D115	LOCHINVAR - MODEL AWH0650NPM	772 GPH @ 100 DEG. TEMP. RISE (6.2 GAL. CAPACITY) 650,000 BTUH GAS INPUT	UNIT IS PROVIDED WITH (1) CIRCULATOR PUMP RATED FOR 1/2 HP			120		1	
DWH-3	ELECTRIC LOW PROFILE DOMESTIC WATER HEATER	CONCESSIONS BUILDING	A.O. SMITH MODEL DEL-20	12 GALLONS PER HOUR @ 100 DEG. TEMP. RISE - 19 GALLONS STORAGE	-	-	3	120	-	1	
DWST-1	DOMESTIC HOT WATER STORAGE TANK	BUILDING SERVICES D115	LOCHINVAR - MODEL RGA0432	432 GALLON STORAGE							
ESP-1	ELEVATOR SUMP PUMP	ELEVATOR PIT	STANCOR PUMPS MODEL NO. SE-50	50 GPM @ 22' T.D.H.	PROVIDE OIL DETECTION ALARM SYSTEM WITH PUMP	1/2	-	120	-	1	
ETMV-1	EMERGENCY THERMOSTATIC MIXING VALVE	ABOVE SCIENCE ROOM CEILINGS	GUARDIAN MODEL G6040	20 GPM @ 15 PSI PRESSURE DROP	1-1/4" INLETS / OUTLETS	-	-	-	-	-	
EXT-1	DOMESTIC HOT WATER EXPANSION TANK	BUILDING SERVICES D115	AMTROL MODEL NO. ST-477C	53 GAL. MAX ACCEPT VOLUME, 53 GAL. TOTAL VOLUME	A.S.M.E. RATED - SECTION VIII, FULL DIAPHRAGM BLADDER	-	-	-	-	-	
EXT-2	DOMESTIC HOT WATER EXPANSION TANK	CONCESSIONS BUILDING	AMTROL MODEL NO. ST-5C-DD	1.5 GAL. MAX ACCEPT VOLUME 2.0 GAL. TOTAL VOLUME	A.S.M.E. RATED - SECTION VIII	-	-	-	-	-	
GI-1	GREASE INTERCEPTOR (EXTERIOR)	SOUTHEAST OUTDOOR MECHANICAL YARD	SCHIER - MODEL GB-500	500 GALLON							PROVIDE FIELD-CUT RISERS TO ACCOMMODATE INTERCEPTOR ACCESS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
HWCP-1	HOT WATER RETURN PUMP (140 DEG. F.)	BUILDING SERVICES D115	BELL AND GOSSETT MODEL NO. PL-55B	10 GPM @ 48' T.D.H.	ALL BRONZE CONSTRUCTION	2/5	-	120	4.7	1	
HWCP-2	HOT WATER RETURN PUMP (140 DEG. F.)	CONCESSIONS BUILDING	BELL AND GOSSETT MODEL NO. PL-30B	1 GPM @ 24' T.D.H.	ALL BRONZE CONSTRUCTION	1/12	-	120	1.4	1	
SP-1	WASTE WATER SAMPLING PORT	DOWNSTREAM OF G.I.	SCHIER - MODEL SV-10								PROVIDE FIELD-CUT RISERS TO ACCOMMODATE SAMPLING PORT ACCESS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.



1 ELEVATOR PIT SUMP PUMP DETAIL
N.T.S.



2 EXTERIOR CLEANOUT DETAIL
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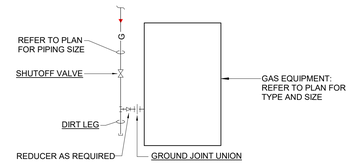
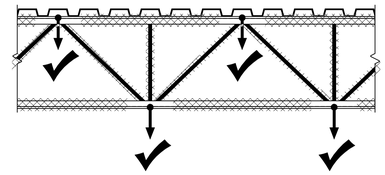


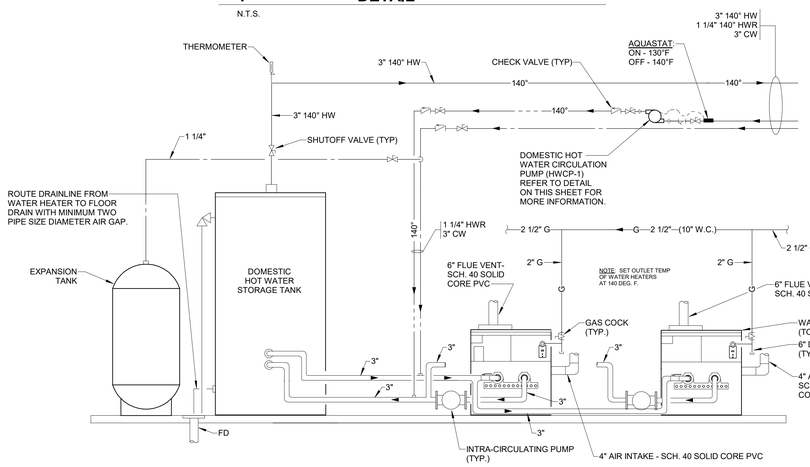
3 GAS DIRT LEG PIPING DETAIL
N.T.S.

ACCEPTABLE LOCATIONS TO HANG LOADS FROM STEEL JOISTS

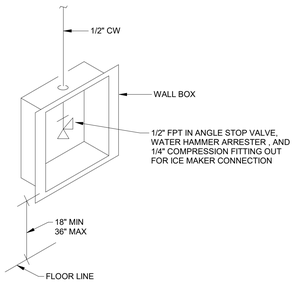


1. LOADS IN EXCESS OF 100 LBS ARE ONLY TO BE HUNG FROM STEEL JOISTS AT THE LOCATIONS INDICATED WITH A CHECKMARK.
2. DO NOT HANG LOADS IN EXCESS OF 100 LBS FROM LOCATIONS AND/OR MEMBERS INDICATED WITH DIAGONAL HATCHING UNLESS ADDITIONAL REINFORCING ANGLES ARE INSTALLED PER THE STRUCTURAL DRAWINGS.
3. LOADS LESS THAN 100 LBS MAY BE HUNG ANYWHERE ALONG THE HORIZONTAL MEMBERS. DO NOT HANG ANY LOADS FROM THE DIAGONAL NOR VERTICAL MEMBERS.
4. THIS SECTIONS APPLIES TO LOADS HANGING FROM BOTH NEW AND EXISTING JOISTS.
5. SPACE HANGERS OUT SO THAT NOT ALL LOADS ARE HANGING FROM THE SAME JOIST.

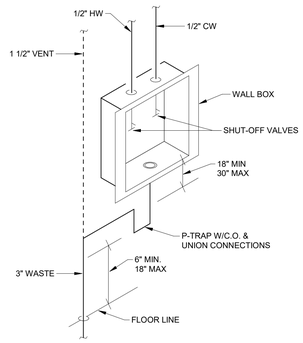
4 HANGING FROM JOIST DETAIL
N.T.S.



7 WATER HEATER PIPING AND STORAGE TANK DETAIL
N.T.S.



8 ICE MAKER BOX DETAIL
N.T.S.



9 WATER SUPPLY DRAIN BOX DETAIL
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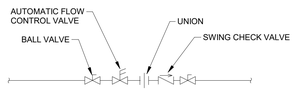
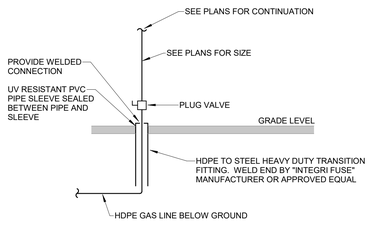


5 HWR BALANCING STATION DETAIL
N.T.S.



10 GAS PIPE TRANSITION DETAIL
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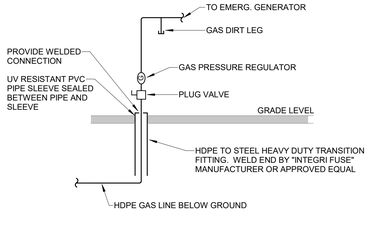

11 GAS PIPE TRANSITION AT EQUIPMENT DETAIL
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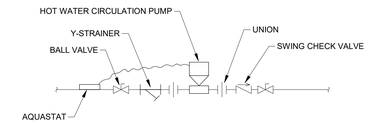

6 HWR PUMP PIPING DIAGRAM
N.T.S.

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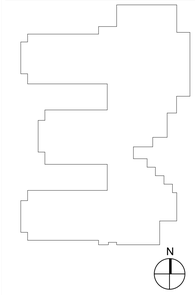
350 E. New York St. Suite 300, Indianapolis, Indiana 46204



Construction Documents

MARK Z. HOSE REGISTERED No. PE 12000301 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS
DRAWN BY: JE
PROJECT NUMBER: 223047.01
PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	11-11-2025

PLUMBING SCHEDULES AND DETAILS

P-501

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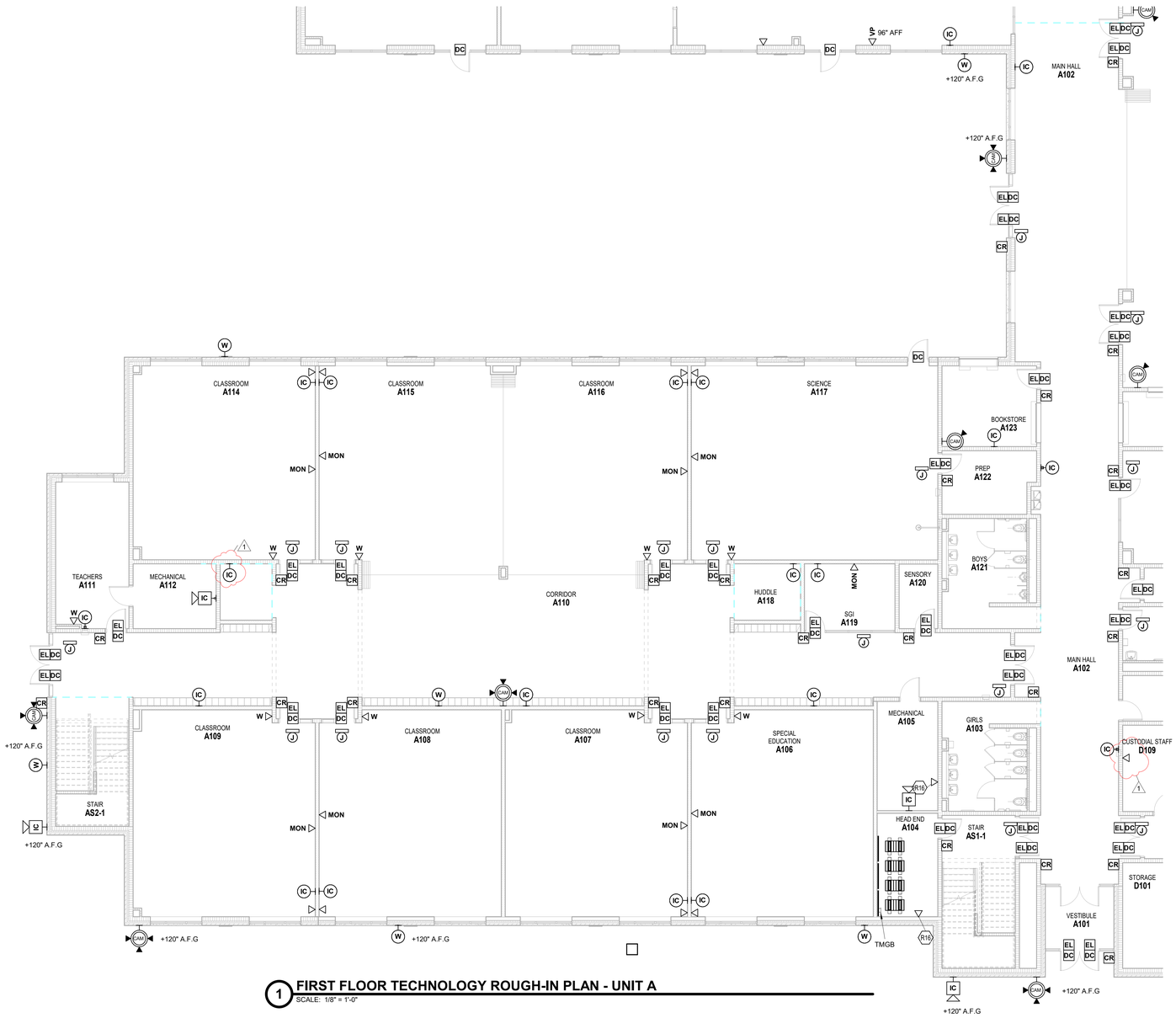

1 **FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT A**
SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
FIRST FLOOR			
A101	-	VESTIBULE	107 SF
A102	B100	MAIN HALL	1968 SF
A103	B109	GIRLS	217 SF
A104	B111	HEAD END	151 SF
A105	C102	MECHANICAL	159 SF
A106	C104	SPECIAL EDUCATION	891 SF
A107	C108	CLASSROOM	889 SF
A108	C110	CLASSROOM	892 SF
A109	C112	CLASSROOM	885 SF
A110	C100	CORRIDOR	2370 SF
A111	C114	TEACHERS	255 SF
A112	C114A	MECHANICAL	129 SF
A113	C113	HUDDLE	70 SF
A114	C111	CLASSROOM	843 SF
A115	C109	CLASSROOM	889 SF
A116	C107	CLASSROOM	889 SF
A117	C106	SCIENCE	1148 SF
A118	C105	HUDDLE	90 SF
A119	C103	SGI	147 SF
A120	C101	SENSORY	60 SF
A121	B107	BOYS	217 SF
A122	C106A	PREP	137 SF
A123	B102	BOOKSTORE	183 SF
AS1-1	STAIR B	STAIR	262 SF
AS2-1	STAIR C	STAIR	220 SF
B101	A100	MAIN HALL	2209 SF
B103	D101	MEDIA CENTER	1827 SF
B106	D106	MEDIA CLASSROOM	1071 SF
B107	D107	ART	1190 SF
D101	B110B	STORAGE	196 SF
D104	B110	CORRIDOR	191 SF
D109	B110A	CUSTODIAL STAFF	112 SF
D110	B108	CUSTODIAN	59 SF
D111	B106	RESTROOM	70 SF
D121	B104	KITCHEN / SERVING	2365 SF
D123	B103	HYDROPONICS	301 SF
D124	B101	CAFETERIA	4442 SF
D125	B101A	ALA CART	148 SF

TECHNOLOGY ROUGH-IN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

ROUGH-IN PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

SHEET KEYNOTES

R16	PROVIDE DATA FOR TEMPERATURE CONTROL PANEL AND COORDINATE LOCATION WITH TEMPERATURE CONTROLS CONTRACTOR.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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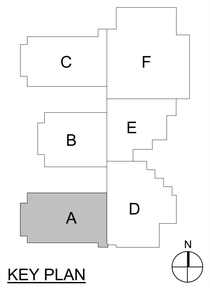

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE10800015 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT A

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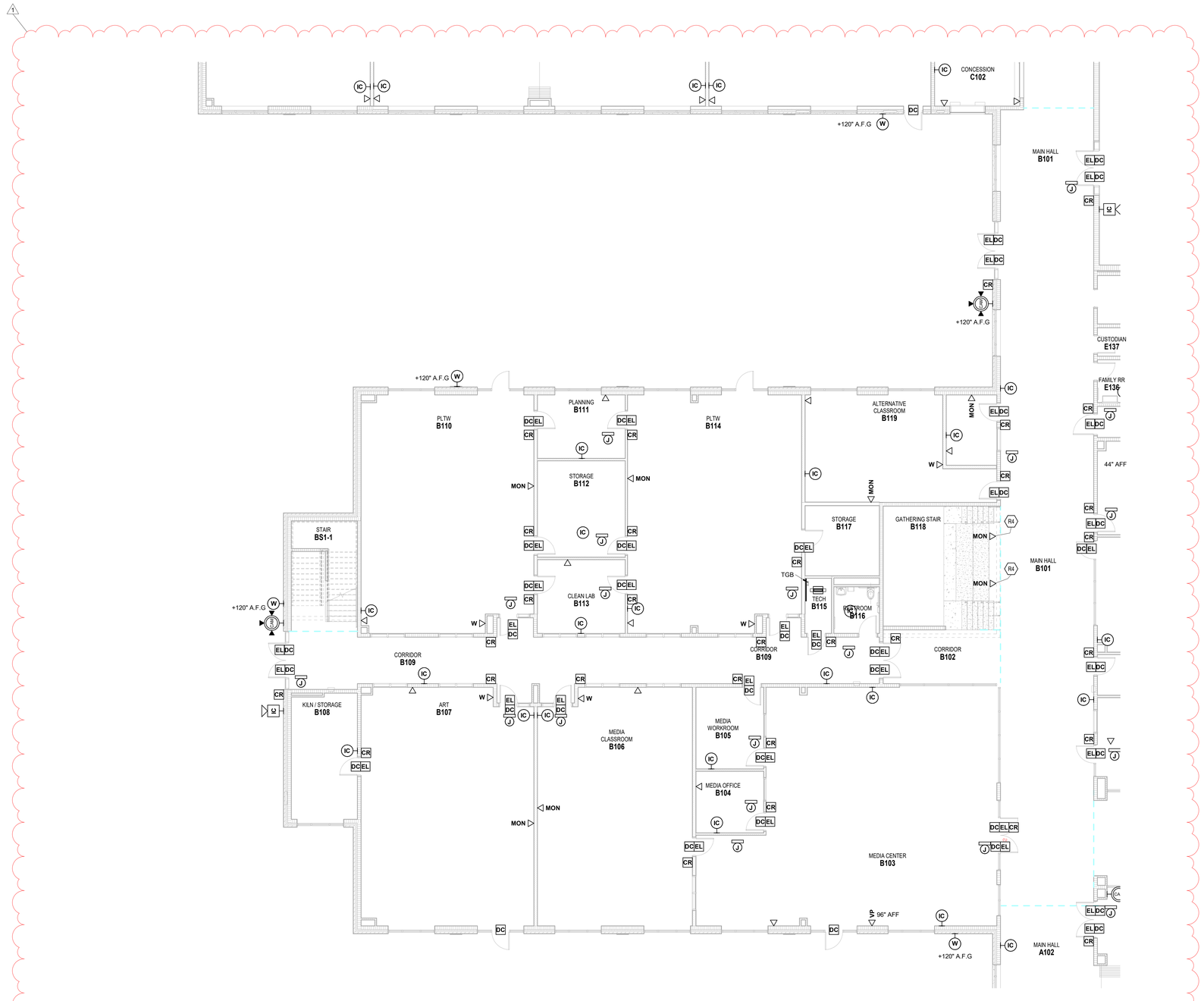

1 FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT B

SCALE: 1/8" = 1'-0"

TECHNOLOGY ROUGH-IN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

ROUGH-IN PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

SHEET KEYNOTES

R4	MONITOR OUTPUT DATA ONLY INTO BULKHEAD FOR SIGNAGE

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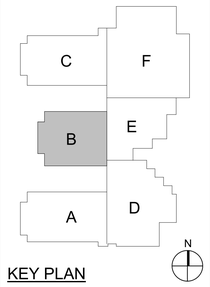

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE10803 STATE OF PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT B

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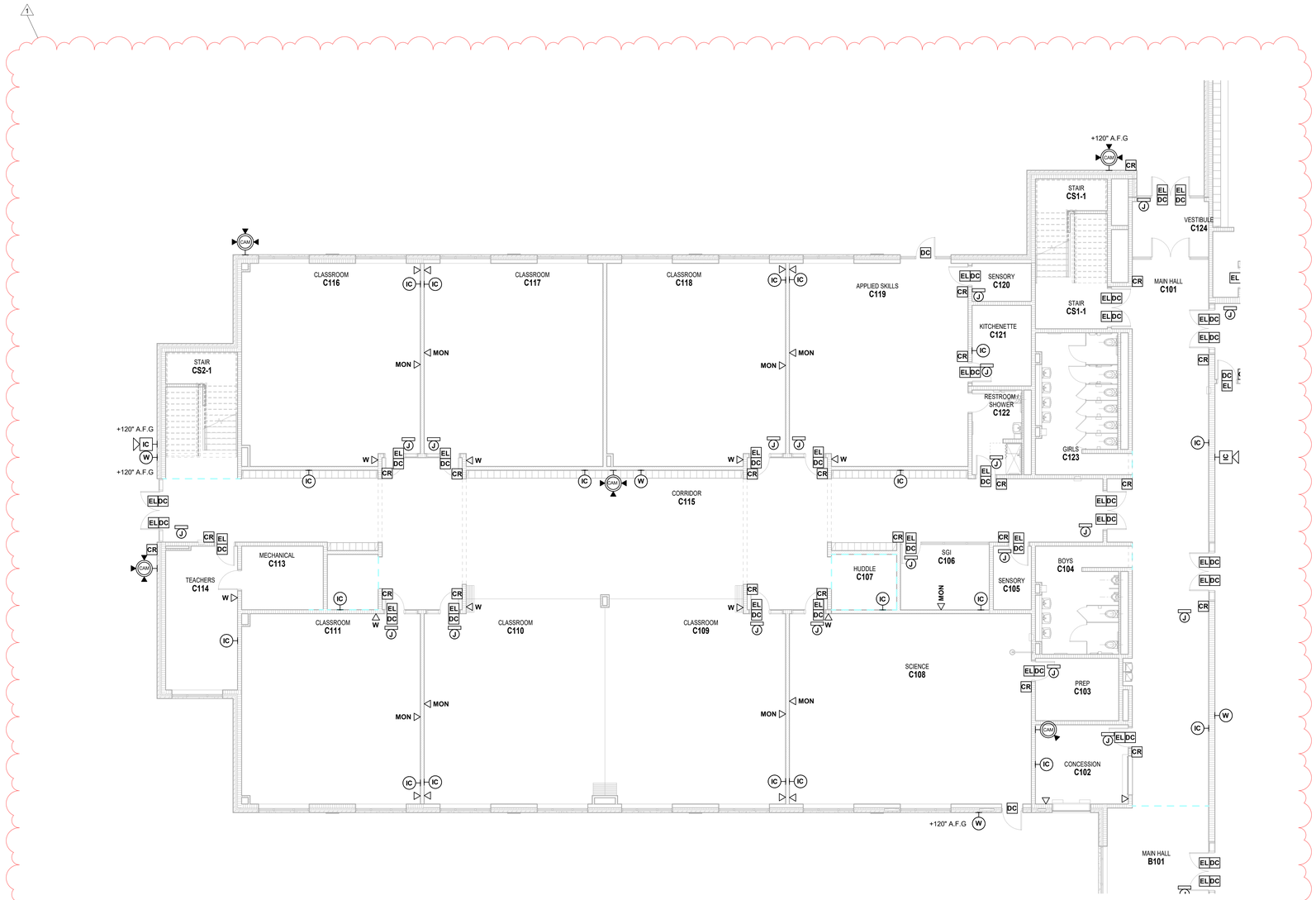

1 FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT C

SCALE: 1/8" = 1'-0"

TECHNOLOGY ROUGH-IN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

ROUGH-IN PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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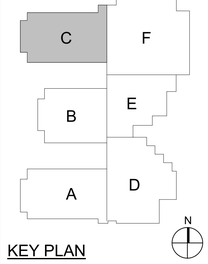

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE10000 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT C

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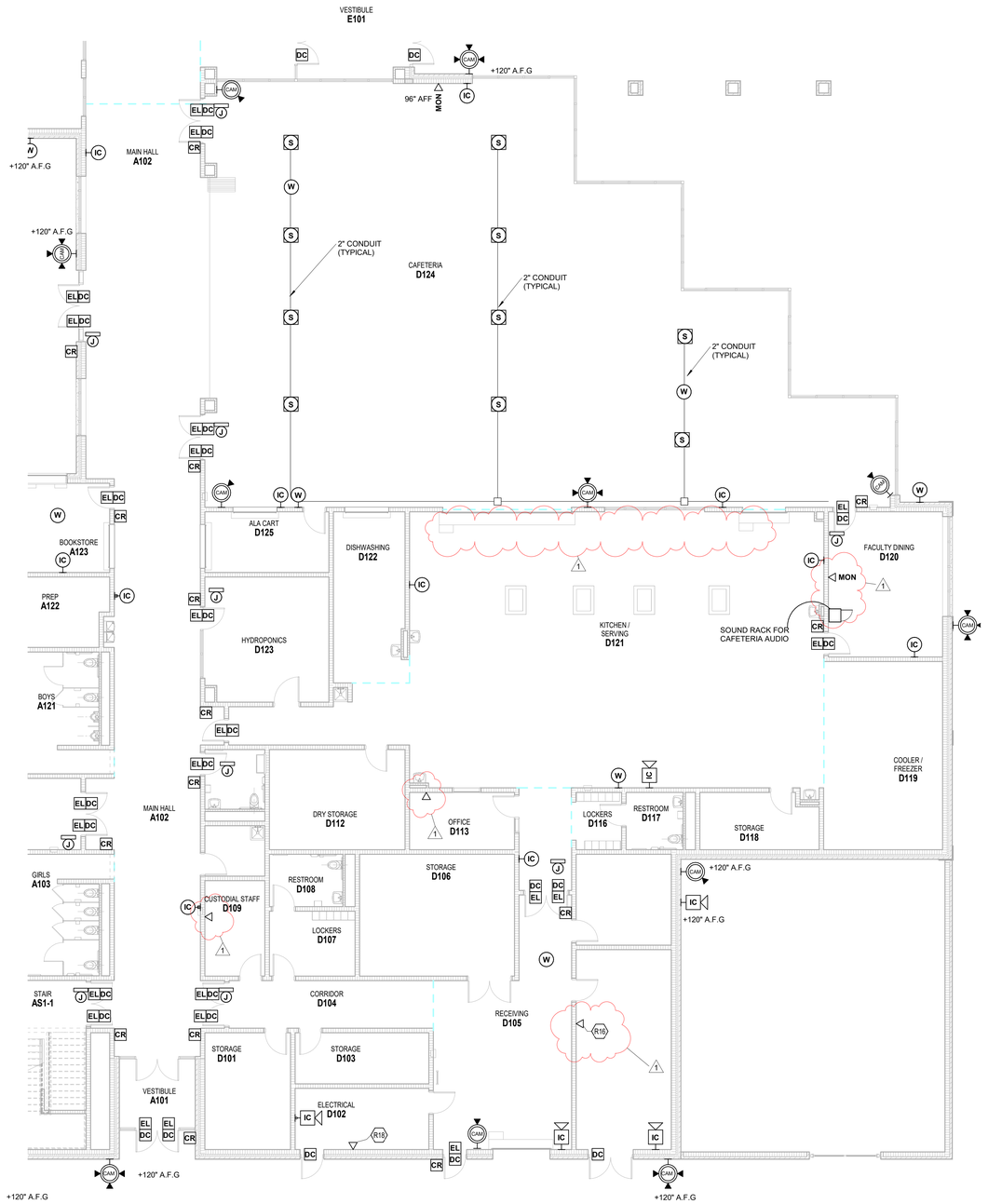

1 FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT D

SCALE: 1/8" = 1'-0"

TECHNOLOGY ROUGH-IN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

ROUGH-IN PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

SHEET KEYNOTES

R16	PROVIDE DATA FOR TEMPERATURE CONTROL PANEL AND COORDINATE LOCATION WITH TEMPERATURE CONTROLS CONTRACTOR.
R18	PROVIDE DATA FOR MAIN SWITCH BOARD AND COORDINATE LOCATION WITH ELECTRICAL CONTRACTOR.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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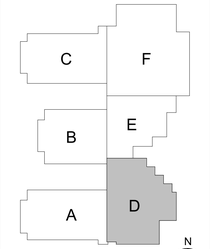

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE19800026 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT D

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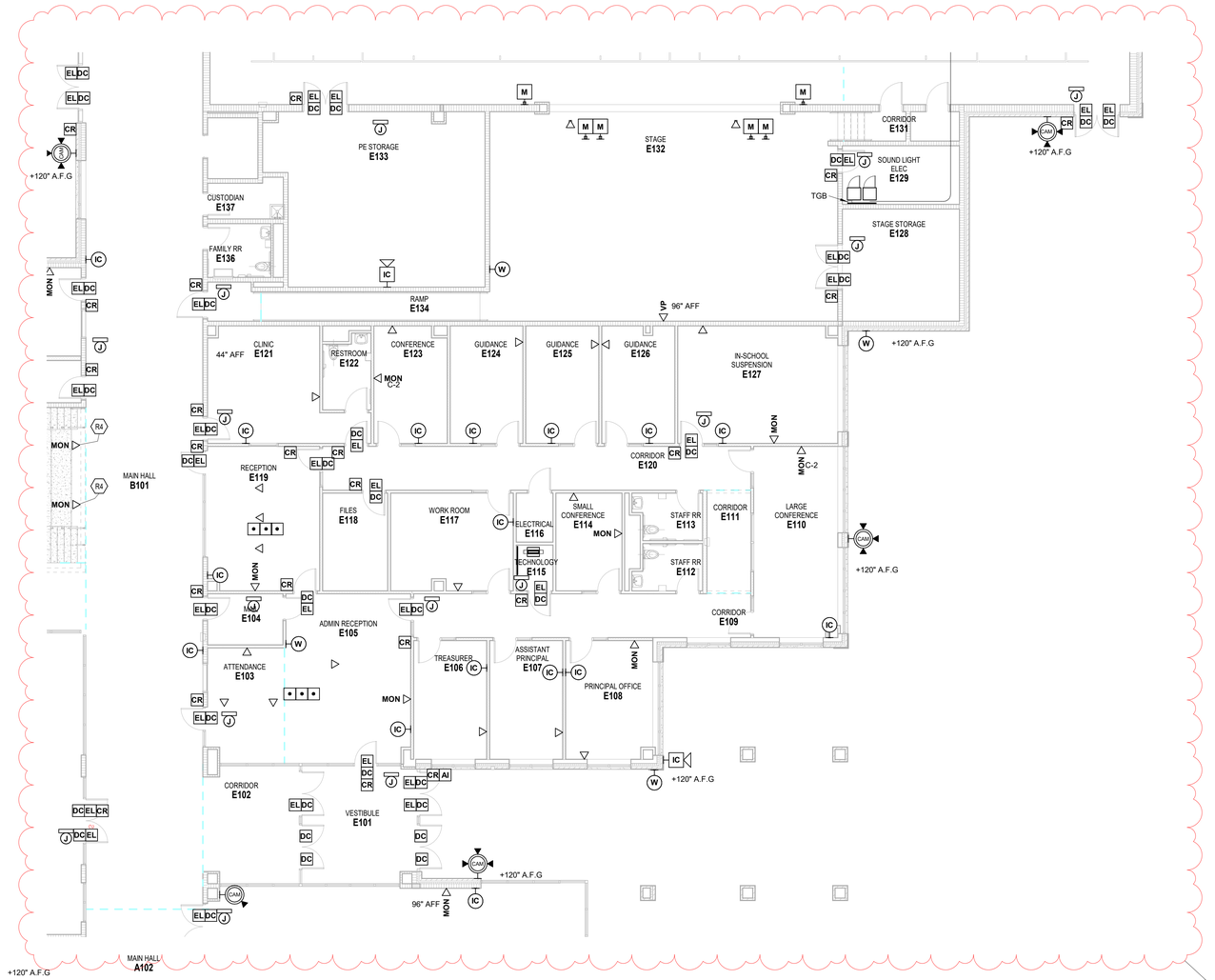

1 FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT E

SCALE: 1/8" = 1'-0"

TECHNOLOGY ROUGH-IN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

ROUGH-IN PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

SHEET KEYNOTES

R4	MONITOR OUTPUT DATA ONLY INTO BULKHEAD FOR SIGNAGE

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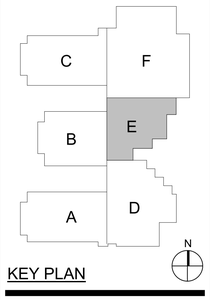

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE10800026 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT E

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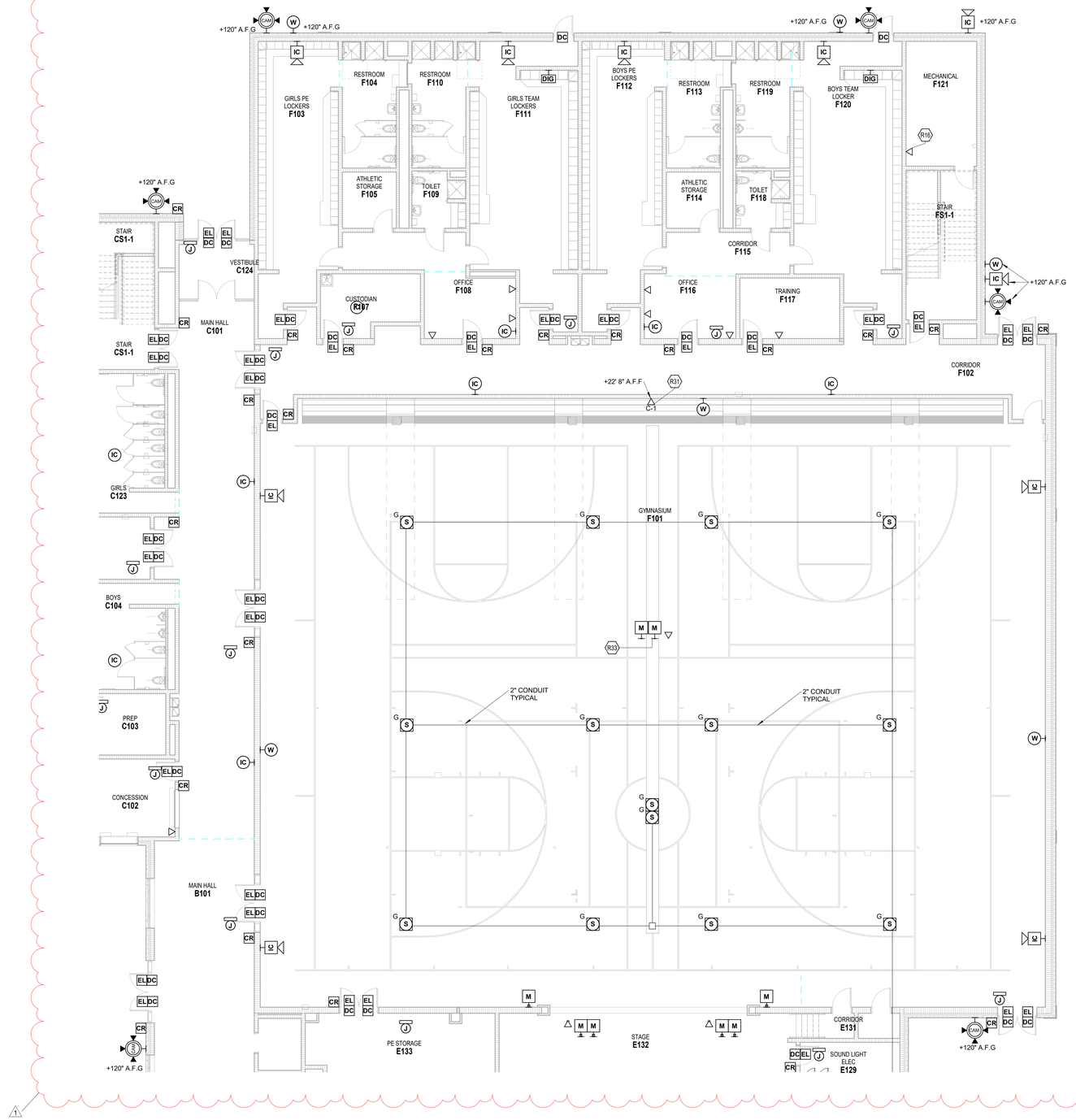

1 FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT F

SCALE: 1/8" = 1'-0"

TECHNOLOGY ROUGH-IN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

ROUGH-IN PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

SHEET KEYNOTES

R16	PROVIDE DATA FOR TEMPERATURE CONTROL PANEL AND COORDINATE LOCATION WITH TEMPERATURE CONTROLS CONTRACTOR.
R31	DATA JACK FOR HUDL SYSTEM. DATA JACK ONLY.
R33	MIC XLR INPUTS AND DATA CONNECTIONS IN THE FLUSH MOUNTED FLOOR POCKET SHOWN ON ELECTRICAL SHEET EP11F. MICS CONNECTED TO SOUND RACK IN E129.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ARCHITECT

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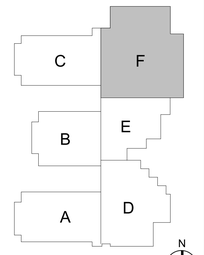

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE19800 STATE OF PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT F

ET11F

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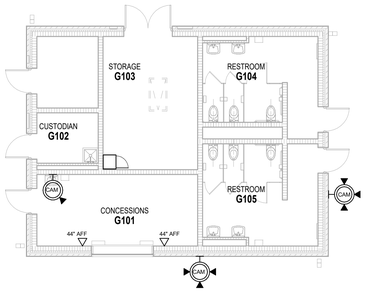
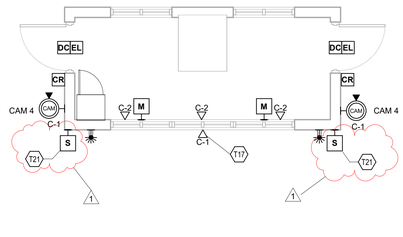


1 FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT G

SCALE: 1/8" = 1'-0"



2 FIRST FLOOR TECHNOLOGY ROUGH IN - PRESSBOX

SCALE: 1/4" = 1'-0"

TECHNOLOGY ROUGH-IN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

ROUGH-IN PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

SHEET KEYNOTES	
T17	DATA JACK FOR HUDL SYSTEM. ABOVE WINDOWS BELOW ROUGH OVER HANG. DATA JACK ONLY.
T21	STADIUM SPEAKERS MOUNTED TO PRESSBOX(BASE BID ONLY)

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ARCHITECT

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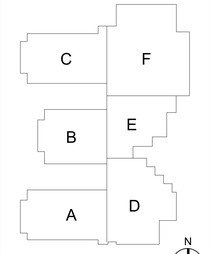

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE19800028 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN - CONCESSIONS AND PRESSBOX

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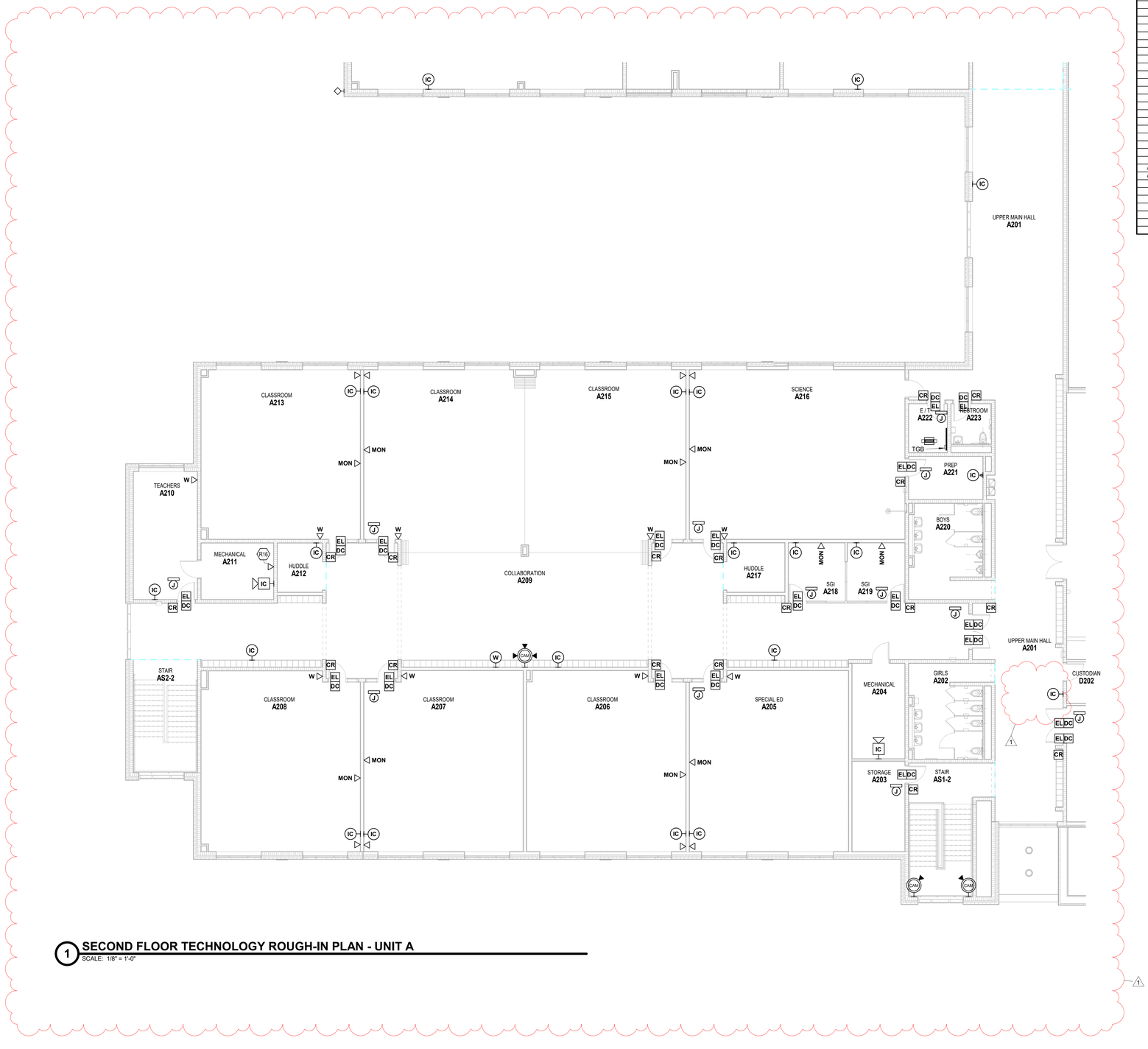

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
SECOND FLOOR			
A201	B200	UPPER MAIN HALL	1885 SF
A202	B206	GIRLS	217 SF
A203	B208	STORAGE	151 SF
A204	C202	MECHANICAL	159 SF
A205	C204	SPECIAL ED	891 SF
A206	C208	CLASSROOM	889 SF
A207	C210	CLASSROOM	892 SF
A208	C212	CLASSROOM	885 SF
A209	C200	COLLABORATION	2366 SF
A210	C214	TEACHERS	258 SF
A211	C214A	MECHANICAL	129 SF
A212	C213	HUDDLE	73 SF
A213	C211	CLASSROOM	843 SF
A214	C209	CLASSROOM	889 SF
A215	C207	CLASSROOM	889 SF
A216	C206	SCIENCE	1147 SF
A217	C205	HUDDLE	93 SF
A218	C203	SGI	107 SF
A219	C201	SGI	109 SF
A220	B204	BOYS	217 SF
A221	C206A	PREP	101 SF
A222	B202	E / T	60 SF
A223	B201	RESTROOM	52 SF
AS1-2	STAIR B	STAIR	293 SF
AS2-2	STAIR C	STAIR	227 SF
B201	B200	UPPER MAIN HALL	398 SF
B204	D201	MULTI-PURPOSE INSTRUCTION	1131 SF
B206	D206	INSTRUMENTS	765 SF
B208	D207	BAND	1902 SF
D201	B207	STORAGE	6048 SF
D202	B205	CUSTODIAN	51 SF
D203	B203	MECHANICAL	1413 SF

1 SECOND FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT A

SCALE: 1/8" = 1'-0"

TECHNOLOGY ROUGH-IN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

ROUGH-IN PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

SHEET KEYNOTES

R16	PROVIDE DATA FOR TEMPERATURE CONTROL PANEL AND COORDINATE LOCATION WITH TEMPERATURE CONTROLS CONTRACTOR.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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PORTAGE TOWNSHIP SCHOOLS

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ARCHITECT

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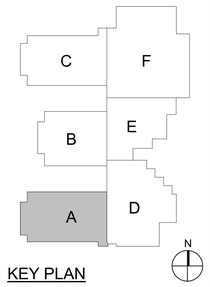

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

SECOND FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT A

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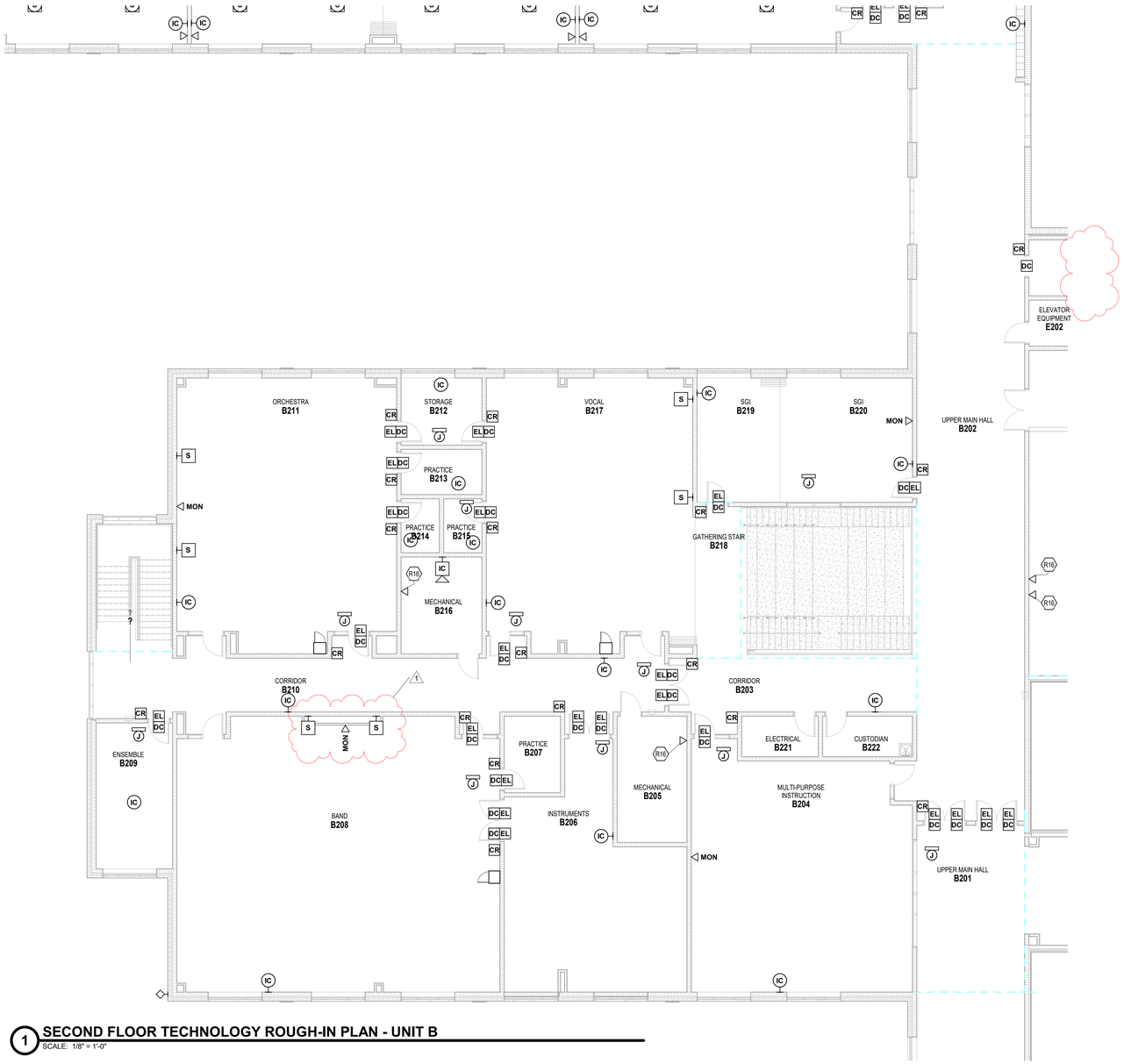

1 SECOND FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT B

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
SECOND FLOOR			
A201	B200	UPPER MAIN HALL	1885 SF
B201	B200	UPPER MAIN HALL	398 SF
B202	A200	UPPER MAIN HALL	1871 SF
B203	A200	CORRIDOR	318 SF
B204	D201	MULTI-PURPOSE INSTRUCTION	1131 SF
B205	D205	MECHANICAL	195 SF
B206	D206	INSTRUMENTS	765 SF
B207	D207A	PRACTICE	95 SF
B208	D207	BAND	1902 SF
B209	D209	ENSEMBLE	247 SF
B210	D200	CORRIDOR	843 SF
B211	D208	ORCHESTRA	1271 SF
B212	D208C	STORAGE	120 SF
B213	D208B	PRACTICE	81 SF
B214	D208A	PRACTICE	46 SF
B215	D204A	PRACTICE	46 SF
B216	D200C	MECHANICAL	173 SF
B217	D204	VOCAL	1202 SF
B218	STAIR A	GATHERING STAIR	146 SF
B219	D203	SGI	223 SF
B220	D202	SGI	358 SF
B221	D200B	ELECTRICAL	69 SF
B222	D200A	CUSTODIAN	81 SF
BS1-2	STAIR D	STAIR	216 SF
C201	A200	UPPER MAIN HALL	1343 SF
C209	E206	SCIENCE	1147 SF
C210	E207	CLASSROOM	889 SF
C211	E209	CLASSROOM	889 SF
C212	E211	CLASSROOM	843 SF
E201	A201	MECHANICAL	1999 SF
E202	A202	ELEVATOR EQUIPMENT	54 SF

TECHNOLOGY ROUGH-IN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

ROUGH-IN PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ARCHITECT

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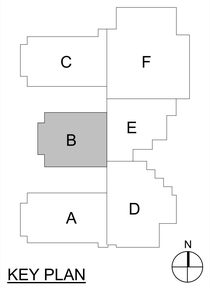

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

SECOND FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT B

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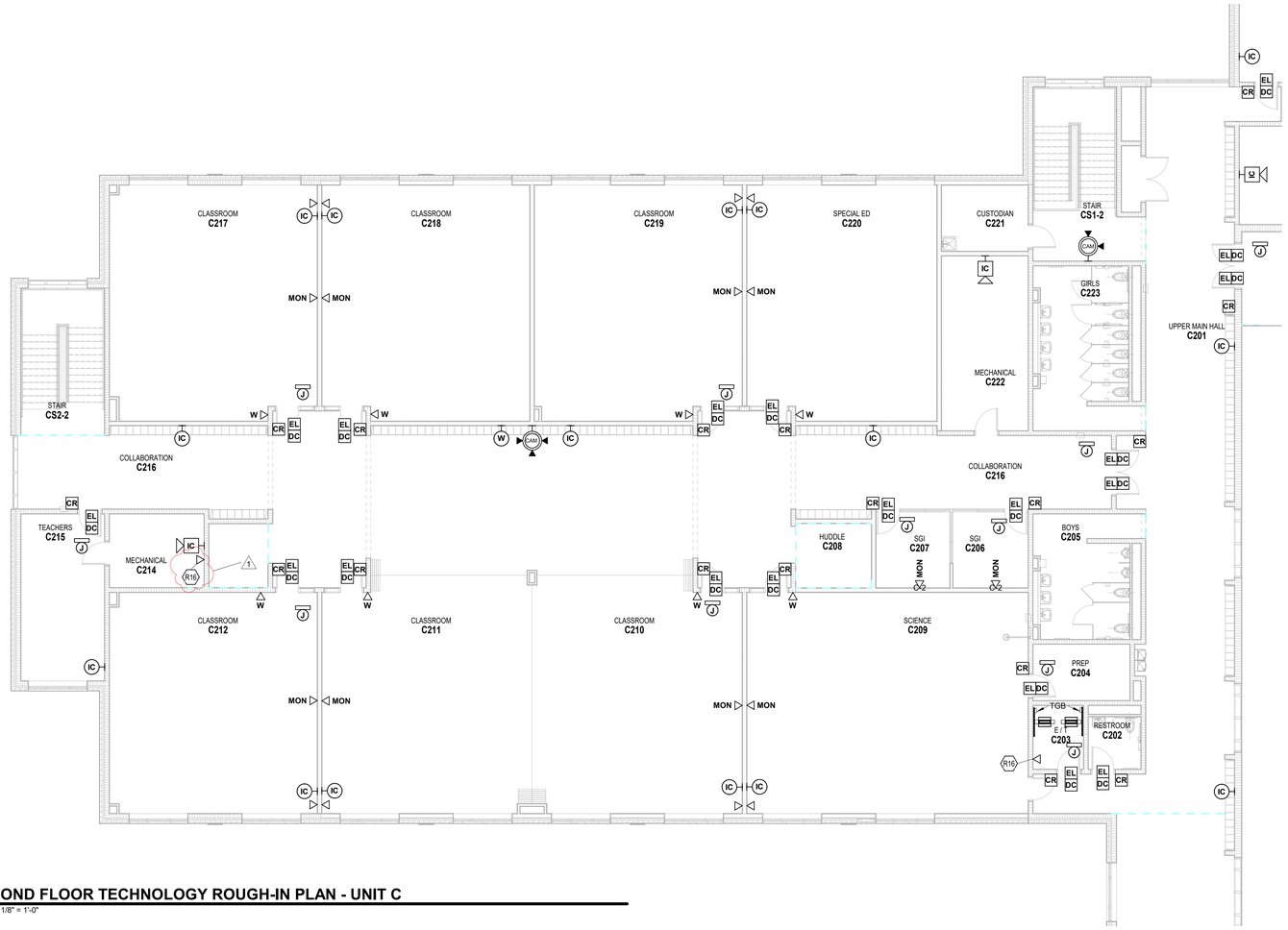
ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
SECOND FLOOR			
B202	A200	UPPER MAIN HALL	1871 SF
C201	A200	UPPER MAIN HALL	1343 SF
C202	A203	RESTROOM	51 SF
C203	A204	E / T	60 SF
C204	E206A	PREP	101 SF
C205	A205	BOYS	217 SF
C206	E201	SGI	109 SF
C207	E203	SGI	107 SF
C208	E205	HUDDLE	90 SF
C209	E206	SCIENCE	1147 SF
C210	E207	CLASSROOM	889 SF
C211	E209	CLASSROOM	889 SF
C212	E211	CLASSROOM	843 SF
C213	E213	HUDDLE	70 SF
C214	E214A	MECHANICAL	129 SF
C215	E214	TEACHERS	258 SF
C216	E200	COLLABORATION	2369 SF
C217	E212	CLASSROOM	885 SF
C218	E210	CLASSROOM	892 SF
C219	E208	CLASSROOM	889 SF
C220	E204	SPECIAL ED	814 SF
C221	A207	CUSTODIAN	106 SF
C222	E202	MECHANICAL	280 SF
C223	A206	GIRLS	282 SF
C224	A208	ELECTRICAL	24 SF
CS1-2	STAIR F	STAIR	293 SF
CS2-2	STAIR E	STAIR	227 SF
F201	A212	BALCONY	1137 SF
F202	A210	MECHANICAL	543 SF
F203	A209	MULTI-PURPOSE INSTRUCTION	1306 SF



1 SECOND FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT C

SCALE: 1/8" = 1'-0"

TECHNOLOGY ROUGH-IN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

ROUGH-IN PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

SHEET KEYNOTES

R16	PROVIDE DATA FOR TEMPERATURE CONTROL PANEL AND COORDINATE LOCATION WITH TEMPERATURE CONTROLS CONTRACTOR.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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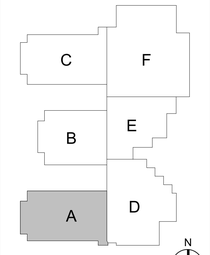

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE10800 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

SECOND FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT C

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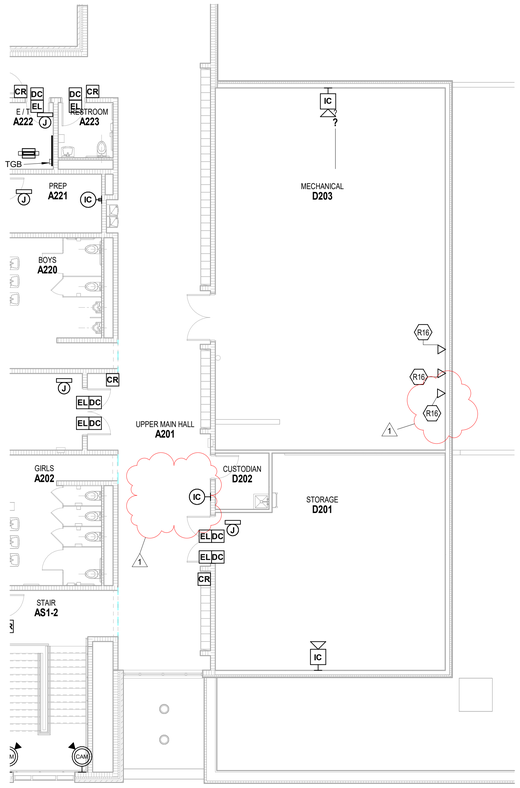
ROOM LEGEND			
ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
SECOND FLOOR			
A201	B200	UPPER MAIN HALL	1885 SF
A202	B206	GIRLS	217 SF
A209	C200	COLLABORATION	2366 SF
A220	B204	BOYS	217 SF
A221	C206A	PREP	101 SF
A222	B202	E / T	60 SF
A223	B201	RESTROOM	52 SF
AS1-2	STAIR B	STAIR	293 SF
D201	B207	STORAGE	6048 SF
D202	B205	CUSTODIAN	51 SF
D203	B203	MECHANICAL	1413 SF



1 SECOND FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT D

SCALE: 1/8" = 1'-0"

TECHNOLOGY ROUGH-IN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

ROUGH-IN PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

SHEET KEYNOTES	
R16	PROVIDE DATA FOR TEMPERATURE CONTROL PANEL AND COORDINATE LOCATION WITH TEMPERATURE CONTROLS CONTRACTOR.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ARCHITECT

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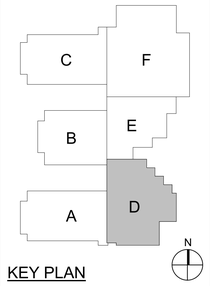

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE 10035 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

SECOND FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT D

ET12D

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ROOM LEGEND			
ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
SECOND FLOOR			
A201	B200	UPPER MAIN HALL	1885 SF
B201	B200	UPPER MAIN HALL	398 SF
B202	A200	UPPER MAIN HALL	1871 SF
B203	A200	CORRIDOR	318 SF
B204	D201	MULTI-PURPOSE INSTRUCTION	1131 SF
B218	STAIR A	GATHERING STAIR	146 SF
B219	D203	SGI	223 SF
B220	D202	SGI	358 SF
B221	D200B	ELECTRICAL	69 SF
B222	D200A	CUSTODIAN	81 SF
E201	A201	MECHANICAL	1995 SF
E202	A202	ELEVATOR EQUIPMENT	54 SF

1 SECOND FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT E

SCALE: 1/8" = 1'-0"

TECHNOLOGY ROUGH-IN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

ROUGH-IN PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

SHEET KEYNOTES	
R16	PROVIDE DATA FOR TEMPERATURE CONTROL PANEL AND COORDINATE LOCATION WITH TEMPERATURE CONTROLS CONTRACTOR.

VERIFICATION NOTE

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SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ARCHITECT

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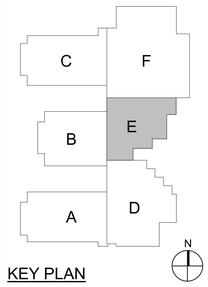

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE10800 STATE OF PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

SECOND FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT E

ET12E

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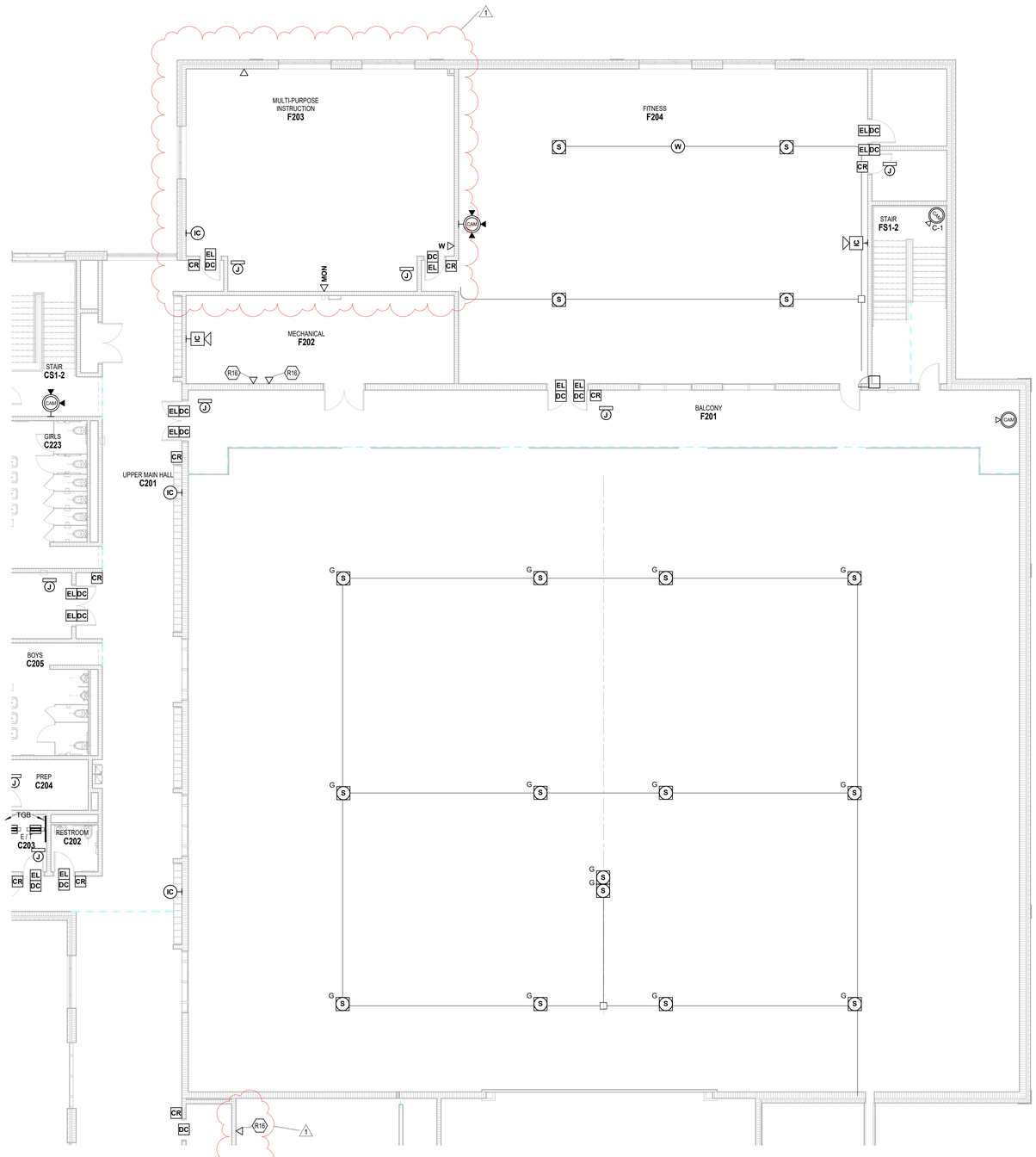

1 **SECOND FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT F**
SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
SECOND FLOOR			
B202	A200	UPPER MAIN HALL	1871 SF
C201	A200	UPPER MAIN HALL	1343 SF
C202	A203	RESTROOM	51 SF
C203	A204	E / T	60 SF
C204	E206A	PREP	101 SF
C205	A205	BOYS	217 SF
C216	E200	COLLABORATION	2369 SF
C223	A206	GIRLS	282 SF
C224	A208	ELECTRICAL	24 SF
CS1-2	STAIR F	STAIR	293 SF
E201	A201	MECHANICAL	1995 SF
F201	A212	BALCONY	1137 SF
F202	A210	MECHANICAL	543 SF
F203	A209	MULTI-PURPOSE INSTRUCTION	1306 SF
F204	A211	FITNESS	2985 SF
F205	A211A	STORAGE	133 SF
F206	A211B	ELECTRICAL	87 SF
FS1-2	STAIR G	STAIR	307 SF

TECHNOLOGY ROUGH-IN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

ROUGH-IN PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

SHEET KEYNOTES

R16	PROVIDE DATA FOR TEMPERATURE CONTROL PANEL AND COORDINATE LOCATION WITH TEMPERATURE CONTROLS CONTRACTOR.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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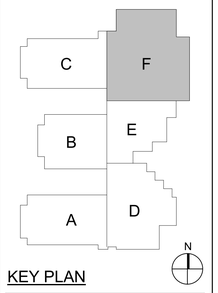

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE 10000 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

SECOND FLOOR TECHNOLOGY ROUGH-IN PLAN - UNIT F

ET12F

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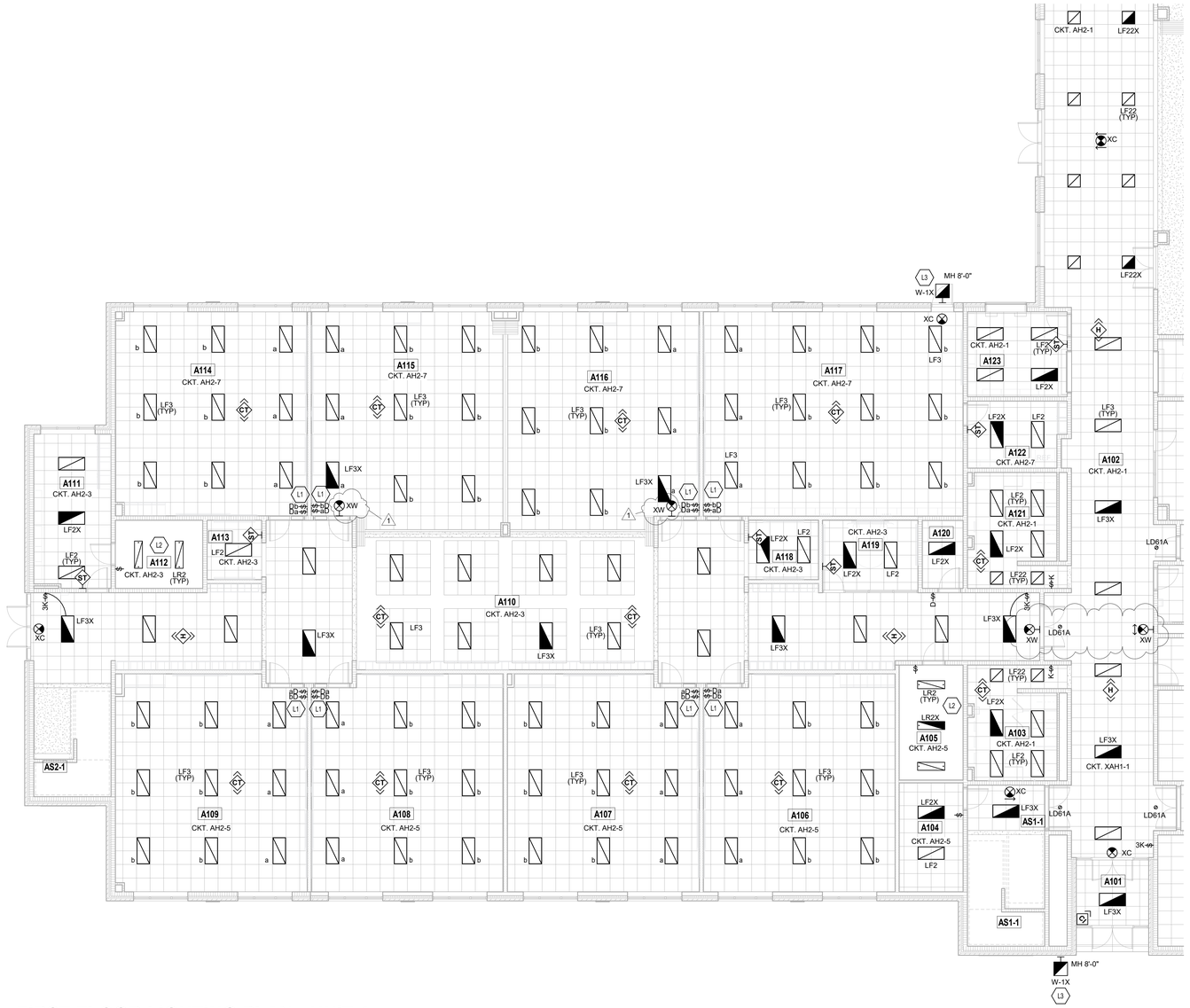

FIRST FLOOR LIGHTING PLAN - UNIT A

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
A101	VESTIBULE	107 SF
A102	MAIN HALL	1968 SF
A103	GIRLS	217 SF
A104	HEAD END	151 SF
A105	MECHANICAL	159 SF
A106	SPECIAL EDUCATION	891 SF
A107	CLASSROOM	889 SF
A108	CLASSROOM	892 SF
A109	CLASSROOM	885 SF
A110	CORRIDOR	2370 SF
A111	TEACHERS	255 SF
A112	MECHANICAL	129 SF
A113	HUDDLE	70 SF
A114	CLASSROOM	843 SF
A115	CLASSROOM	889 SF
A116	CLASSROOM	889 SF
A117	SCIENCE	1148 SF
A118	HUDDLE	90 SF
A119	SGI	147 SF
A120	SENSORY	60 SF
A121	BOYS	217 SF
A122	PREP	137 SF
A123	BOOKSTORE	183 SF
AS1-1	STAIR	262 SF
AS2-1	STAIR	220 SF
D101	STORAGE	196 SF
D104	CORRIDOR	191 SF
D109	CUSTODIAL STAFF	112 SF
D110	CUSTODIAN	59 SF
D111	RESTROOM	70 SF
D121	KITCHEN / SERVING	2365 SF
D123	HYDROPONICS	301 SF
D124	CAFETERIA	4442 SF
D125	ALA CART	148 SF

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINAL CONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"1C/E-502"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

SHEET KEYNOTES

L1	DIMMER SWITCH "A" TO CONTROL THE ROW OF LIGHT FIXTURES AT THE TEACHING WALL AND DIMMER SWITCH "B" TO CONTROL ALL THE OTHER LIGHT FIXTURES IN THE ROOM.
L2	COORDINATE LOCATION OF LIGHT FIXTURES WITH MECHANICAL EQUIPMENT.
L3	CONNECT EXTERIOR LIGHT FIXTURE TO CIRCUIT XAH1-9. ALL EXTERIOR LIGHTING CIRCUITS TO BE CONTROLLED AUTOMATICALLY BY BUILDING MANAGEMENT SYSTEM AND WIRED THRU LIGHTING CONTACTOR "LC-1" LOCATED ADJACENT TO PANELBOARD XAH1 IN ROOM D103. ALL CONDUIT SHALL BE INSTALLED IN A CONCEALED MANNER AND CONDUCTORS SIZED TO ACCOUNT FOR VOLTAGE DROP.

NOTE: ALL EMERGENCY AND EXIT LIGHTS SHOWN ON THIS SHEET SHALL BE CONNECTED TO CKT. XAH1-1.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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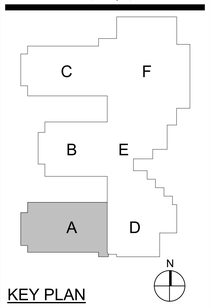

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE 10000 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

FIRST FLOOR LIGHTING PLAN - UNIT A

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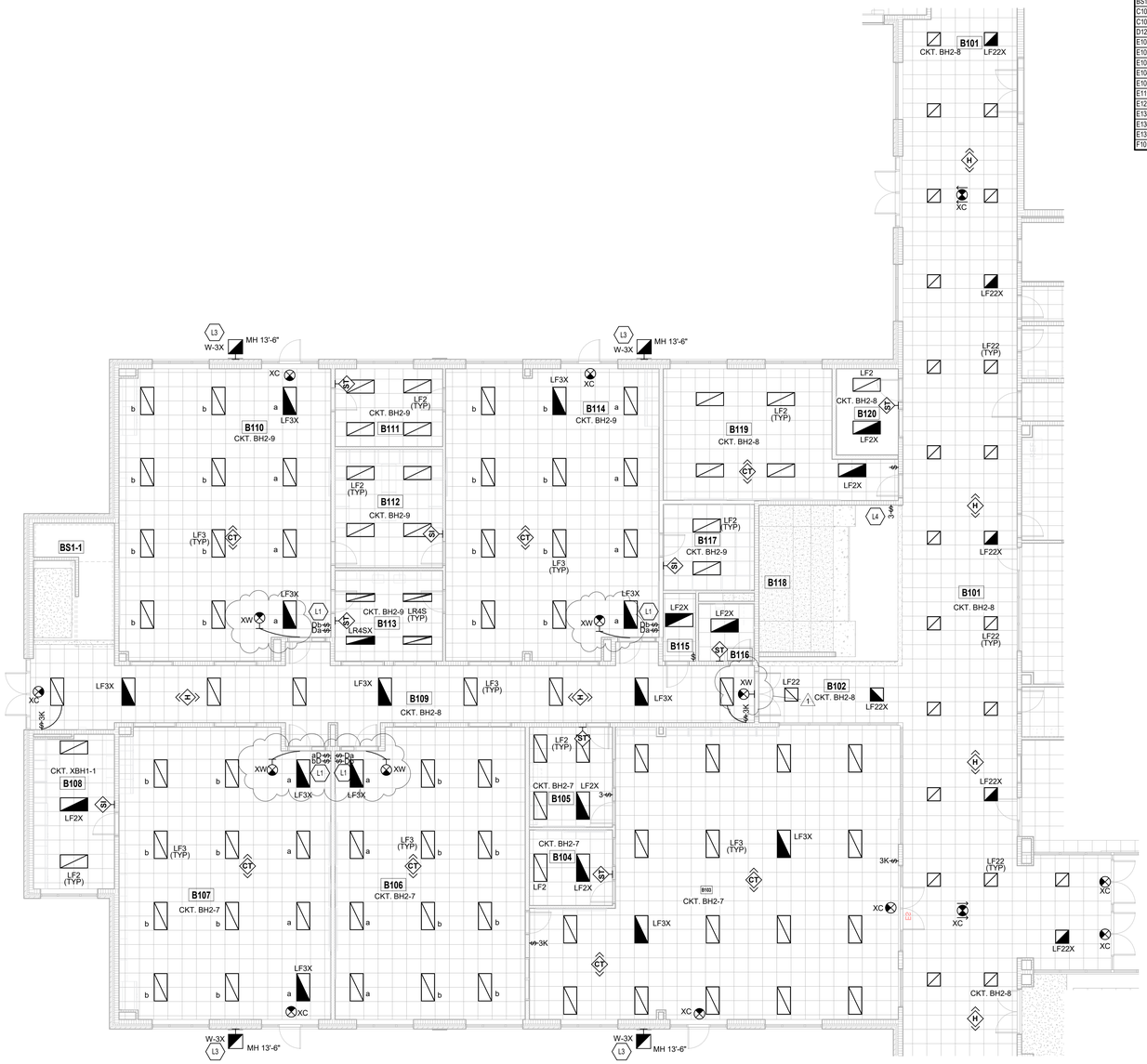

FIRST FLOOR LIGHTING PLAN - UNIT B

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
A102	MAIN HALL	1968 SF
B101	MAIN HALL	2209 SF
B102	CORRIDOR	190 SF
B103	MEDIA CENTER	1827 SF
B104	MEDIA OFFICE	123 SF
B105	MEDIA WORKROOM	164 SF
B106	MEDIA CLASSROOM	1071 SF
B107	ART	1190 SF
B108	KILN / STORAGE	243 SF
B109	CORRIDOR	913 SF
B110	PLTW	1187 SF
B111	PLANNING	165 SF
B112	STORAGE	250 SF
B113	CLEAN LAB	192 SF
B114	PLTW	1198 SF
B115	TECH	43 SF
B116	RESTROOM	63 SF
B117	STORAGE	154 SF
B118	GATHERING STAIR	419 SF
B119	ALTERNATIVE CLASSROOM	491 SF
B120	SRO OFFICE	105 SF
BS1-1	STAIR	208 SF
C101	MAIN HALL	1111 SF
C102	CONCESSION	183 SF
D124	CAFETERIA	4442 SF
E101	VESTIBULE	260 SF
E102	CORRIDOR	213 SF
E103	ATTENDANCE	164 SF
E104	MAIL	72 SF
E105	ADMIN RECEPTION	400 SF
E119	RECEPTION	301 SF
E121	CLINIC	274 SF
E135	CORRIDOR	38 SF
E136	FAMILY RR	64 SF
E137	CUSTODIAN	53 SF
F101	GYMNASIUM	12261 SF

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINALCONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"1C/E-502"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

SHEET KEYNOTES

L1	DIMMER SWITCH "A" TO CONTROL THE ROW OF LIGHT FIXTURES AT THE TEACHING WALL AND DIMMER SWITCH "B" TO CONTROL ALL THE OTHER LIGHT FIXTURES IN THE ROOM.
L3	CONNECT EXTERIOR LIGHT FIXTURE TO CIRCUIT XAH1-9. ALL EXTERIOR LIGHTING CIRCUITS TO BE CONTROLLED AUTOMATICALLY BY BUILDING MANAGEMENT SYSTEM AND WIRED THRU LIGHTING CONTACTOR "LC-1" LOCATED ADJACENT TO PANELBOARD XAH1 IN ROOM D103. ALL CONDUIT SHALL BE INSTALLED IN A CONCEALED MANNER AND CONDUCTORS SIZED TO ACCOUNT FOR VOLTAGE DROP.
L4	THIS SWITCH TO CONTROL ALL "SL4R" AND "LD6B" FIXTURES ABOVE STAIRS.

NOTE: ALL EMERGENCY AND EXIT LIGHTS SHOWN ON THIS SHEET SHALL BE CONNECTED TO CKT. XBH1-1.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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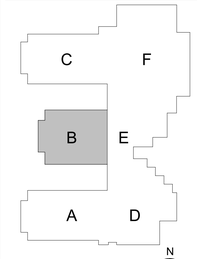

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE19900008 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

FIRST FLOOR LIGHTING PLAN - UNIT B

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FIRST FLOOR LIGHTING PLAN - UNIT C

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
B101	MAIN HALL	2209 SF
C101	MAIN HALL	1111 SF
C102	CONCESSION	183 SF
C103	PREP	130 SF
C104	BOYS	217 SF
C105	SENSORY	60 SF
C106	SGI	147 SF
C107	HUDDLE	90 SF
C108	SCIENCE	1147 SF
C109	CLASSROOM	889 SF
C110	CLASSROOM	889 SF
C111	CLASSROOM	843 SF
C112	HUDDLE	70 SF
C113	MECHANICAL	129 SF
C114	TEACHERS	255 SF
C115	CORRIDOR	2370 SF
C116	CLASSROOM	885 SF
C117	CLASSROOM	892 SF
C118	CLASSROOM	889 SF
C119	APPLIED SKILLS	891 SF
C120	SENSORY	56 SF
C121	KITCHENETTE	119 SF
C122	RESTROOM / SHOWER	103 SF
C123	GIRLS	282 SF
C124	VESTIBULE	116 SF
CS1-1	STAIR	262 SF
CS2-1	STAIR	220 SF
F101	GYMNASIUM	12261 SF
F102	CORRIDOR	1209 SF
F103	GIRLS PE LOCKERS	542 SF

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINALCONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"1C/E-502"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

SHEET KEYNOTES

L1	DIMMER SWITCH "A" TO CONTROL THE ROW OF LIGHT FIXTURES AT THE TEACHING WALL AND DIMMER SWITCH "B" TO CONTROL ALL THE OTHER LIGHT FIXTURES IN THE ROOM.
L2	COORDINATE LOCATION OF LIGHT FIXTURES WITH MECHANICAL EQUIPMENT.
L3	CONNECT EXTERIOR LIGHT FIXTURE TO CIRCUIT XAH1-9. ALL EXTERIOR LIGHTING CIRCUITS TO BE CONTROLLED AUTOMATICALLY BY BUILDING MANAGEMENT SYSTEM AND WIRED THRU LIGHTING CONTACTOR "LC-1" LOCATED ADJACENT TO PANELBOARD XAH1 IN ROOM D103. ALL CONDUIT SHALL BE INSTALLED IN A CONCEALED MANNER AND CONDUCTORS SIZED TO ACCOUNT FOR VOLTAGE DROP.

1. NOTE: ALL EMERGENCY AND EXIT LIGHTS SHOWN ON THIS SHEET SHALL BE CONNECTED TO CKT. XCH1-1.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

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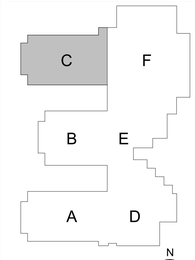

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE10000 STATE OF IN PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

FIRST FLOOR LIGHTING PLAN - UNIT C

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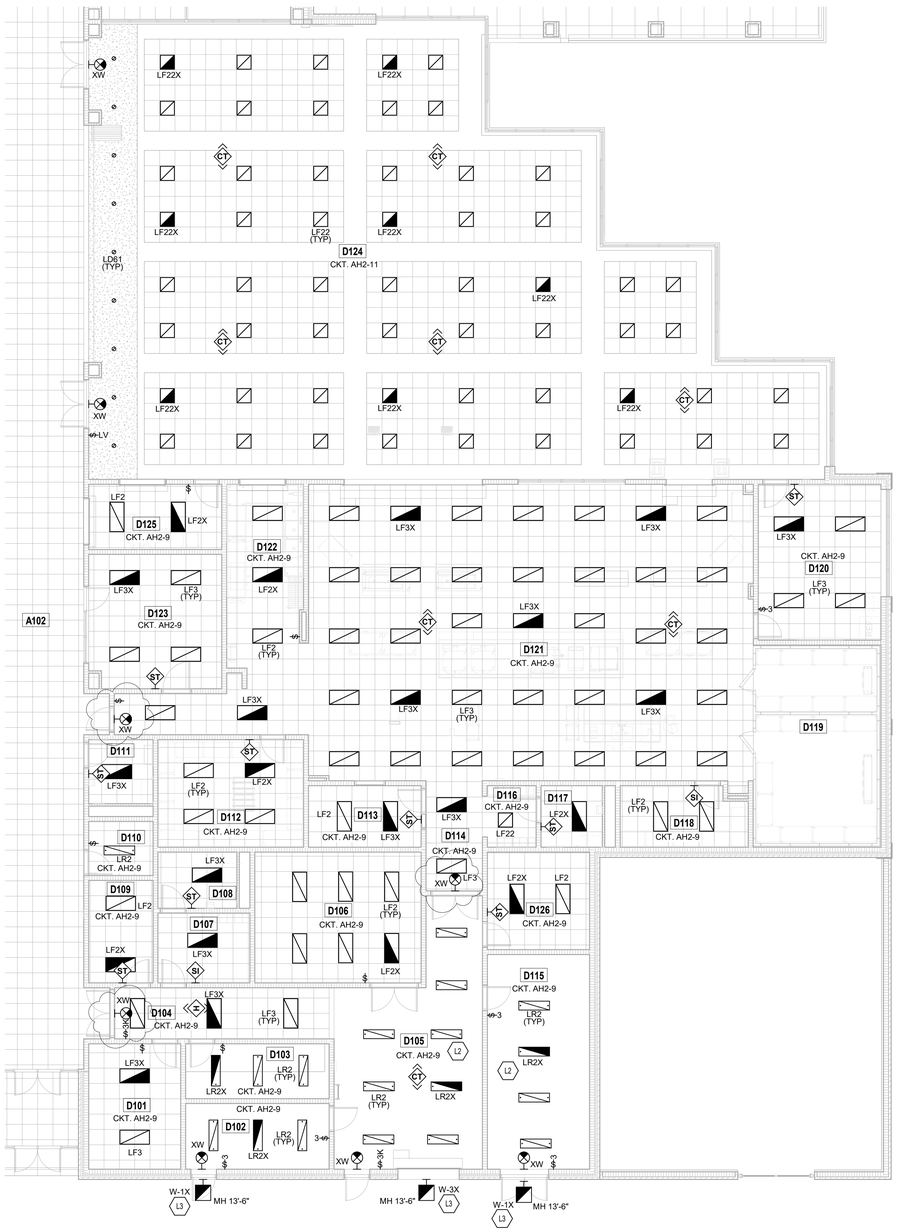

FIRST FLOOR LIGHTING PLAN - UNIT D

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
A101	VESTIBULE	107 SF
A102	MAIN HALL	1968 SF
B101	MAIN HALL	2209 SF
D101	STORAGE	196 SF
D102	ELECTRICAL	161 SF
D103	STORAGE	134 SF
D104	CORRIDOR	191 SF
D105	RECEIVING	547 SF
D106	STORAGE	370 SF
D107	LOCKERS	109 SF
D108	RESTROOM	76 SF
D109	CUSTODIAL STAFF	112 SF
D110	CUSTODIAN	59 SF
D111	RESTROOM	70 SF
D112	DRY STORAGE	267 SF
D113	OFFICE	118 SF
D114	CORRIDOR	106 SF
D115	BUILDING SERVICES	373 SF
D116	LOCKERS	55 SF
D117	RESTROOM	64 SF
D118	STORAGE	127 SF
D119	COOLER / FREEZER	439 SF
D120	FACULTY DINING	325 SF
D121	KITCHEN / SERVING	2365 SF
D122	DISHWASHING	240 SF
D123	HYDROPONICS	301 SF
D124	CAFETERIA	4442 SF
D125	ALA CART	148 SF
D126	STORAGE	170 SF
E101	VESTIBULE	260 SF
E102	CORRIDOR	213 SF

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINAL CONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"1C/E-502"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

SHEET KEYNOTES

L2	COORDINATE LOCATION OF LIGHT FIXTURES WITH MECHANICAL EQUIPMENT.
L3	CONNECT EXTERIOR LIGHT FIXTURE TO CIRCUIT XAH1-9. ALL EXTERIOR LIGHTING CIRCUITS TO BE CONTROLLED AUTOMATICALLY BY BUILDING MANAGEMENT SYSTEM AND WIRED THRU LIGHTING CONTACTOR "LC-1" LOCATED ADJACENT TO PANELBOARD XAH1 IN ROOM D103. ALL CONDUIT SHALL BE INSTALLED IN A CONCEALED MANNER AND CONDUCTORS SIZED TO ACCOUNT FOR VOLTAGE DROP.

1 NOTE: ALL EMERGENCY AND EXIT LIGHTS SHOWN ON THIS SHEET SHALL BE CONNECTED TO CKT. XAH1-5.

VERIFICATION NOTE

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5910 Central Ave., Portage, Indiana 46368

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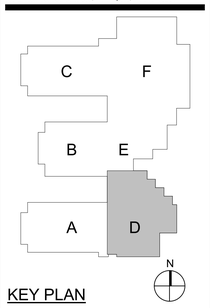

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

FIRST FLOOR LIGHTING PLAN - UNIT D

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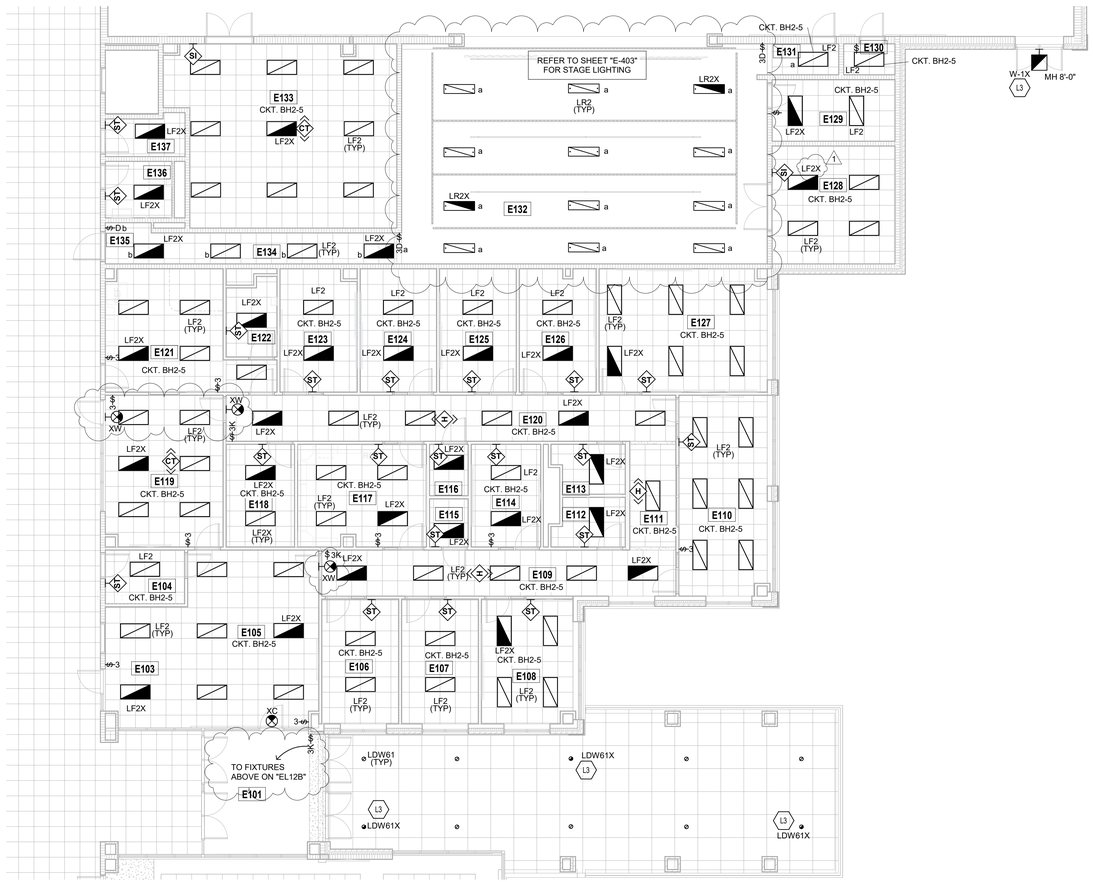

FIRST FLOOR LIGHTING PLAN - UNIT E

SCALE: 1/8" = 1'-0"

ROOM LEGEND		
ROOM NO.	ROOM NAME	AREA (SF)
B101	MAIN HALL	2209 SF
D124	CAFETERIA	4442 SF
E101	VESTIBULE	260 SF
E102	CORRIDOR	213 SF
E103	ATTENDANCE	164 SF
E104	MAIL	72 SF
E105	ADMIN RECEPTION	400 SF
E106	TREASURER	163 SF
E107	ASSISTANT PRINCIPAL	163 SF
E108	PRINCIPAL OFFICE	191 SF
E109	CORRIDOR	278 SF
E110	LARGE CONFERENCE	299 SF
E111	CORRIDOR	85 SF
E112	STAFF RR	57 SF
E113	STAFF RR	57 SF
E114	SMALL CONFERENCE	121 SF
E115	TECHNOLOGY	32 SF
E116	ELECTRICAL	34 SF
E117	WORK ROOM	222 SF
E118	FILES	119 SF
E119	RECEPTION	301 SF
E120	CORRIDOR	352 SF
E121	CLINIC	274 SF
E122	RESTROOM	64 SF
E123	CONFERENCE	158 SF
E124	GUIDANCE	160 SF
E125	GUIDANCE	161 SF
E126	GUIDANCE	159 SF
E127	IN-SCHOOL SUSPENSION	350 SF
E128	STAGE STORAGE	246 SF
E129	SOUND LIGHT ELEC	129 SF
E130	CLOSET	27 SF
E131	CORRIDOR	34 SF
E132	STAGE	1376 SF
E133	PE STORAGE	671 SF
E134	RAMP	120 SF
E135	CORRIDOR	38 SF
E136	FAMILY RR	64 SF
E137	CUSTODIAN	53 SF
F101	GYMNASIUM	12261 SF

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINAL CONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"1C/E-502"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

SHEET KEYNOTES

L3	CONNECT EXTERIOR LIGHT FIXTURE TO CIRCUIT XAH1-9. ALL EXTERIOR LIGHTING CIRCUITS TO BE CONTROLLED AUTOMATICALLY BY BUILDING MANAGEMENT SYSTEM AND WIRED THRU LIGHTING CONTACTOR "LC-1" LOCATED ADJACENT TO PANELBOARD XAH1 IN ROOM D103. ALL CONDUIT SHALL BE INSTALLED IN A CONCEALED MANNER AND CONDUCTORS SIZED TO ACCOUNT FOR VOLTAGE DROP.

1. NOTE: ALL EMERGENCY AND EXIT LIGHTS SHOWN ON THIS SHEET SHALL BE CONNECTED TO CKT. XBH1-3.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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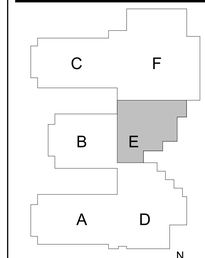

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE10800035 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

FIRST FLOOR LIGHTING PLAN - UNIT E

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FIRST FLOOR LIGHTING PLAN - UNIT F

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
B101	MAIN HALL	2209 SF
C101	MAIN HALL	1111 SF
C102	CONCESSION	183 SF
C103	PREP	130 SF
C104	BOYS	217 SF
C115	CORRIDOR	2370 SF
C123	GIRLS	282 SF
C124	VESTIBULE	116 SF
C51-1	STAIR	262 SF
E130	CLOSET	27 SF
E131	CORRIDOR	34 SF
E132	STAGE	1376 SF
E133	PE STORAGE	671 SF
F101	GYMNASIUM	12261 SF
F102	CORRIDOR	1209 SF
F103	GIRLS PE LOCKERS	542 SF
F104	RESTROOM	178 SF
F105	ATHLETIC STORAGE	78 SF
F106	CORRIDOR	122 SF
F107	CUSTODIAN	145 SF
F108	OFFICE	149 SF
F109	TOILET	73 SF
F110	RESTROOM	175 SF
F111	GIRLS TEAM LOCKERS	695 SF
F112	BOYS PE LOCKERS	543 SF
F113	RESTROOM	175 SF
F114	ATHLETIC STORAGE	78 SF
F115	CORRIDOR	136 SF
F116	OFFICE	149 SF
F117	TRAINING	156 SF
F118	TOILET	73 SF
F119	RESTROOM	175 SF
F120	BOYS TEAM LOCKER	705 SF
F121	MECHANICAL	228 SF
F51-1	STAIR	265 SF

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINALCONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"1C/E-502"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

SHEET KEYNOTES

L2	COORDINATE LOCATION OF LIGHT FIXTURES WITH MECHANICAL EQUIPMENT.
L3	CONNECT EXTERIOR LIGHT FIXTURE TO CIRCUIT XAH1-9. ALL EXTERIOR LIGHTING CIRCUITS TO BE CONTROLLED AUTOMATICALLY BY BUILDING MANAGEMENT SYSTEM AND WIRED THRU LIGHTING CONTACTOR "LC-1" LOCATED ADJACENT TO PANELBOARD XAH1 IN ROOM D103. ALL CONDUIT SHALL BE INSTALLED IN A CONCEALED MANNER AND CONDUCTORS SIZED TO ACCOUNT FOR VOLTAGE DROP.
L7	SEE GYM LIGHTING CONTROL DETAIL "2A/E-503" FOR MORE INFORMATION.

1

NOTE: ALL EMERGENCY AND EXIT LIGHTS SHOWN ON THIS SHEET SHALL BE CONNECTED TO CKT. XCH1-3.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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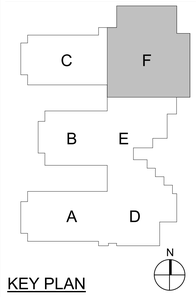

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE19800 STATE OF PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

FIRST FLOOR LIGHTING PLAN - UNIT F

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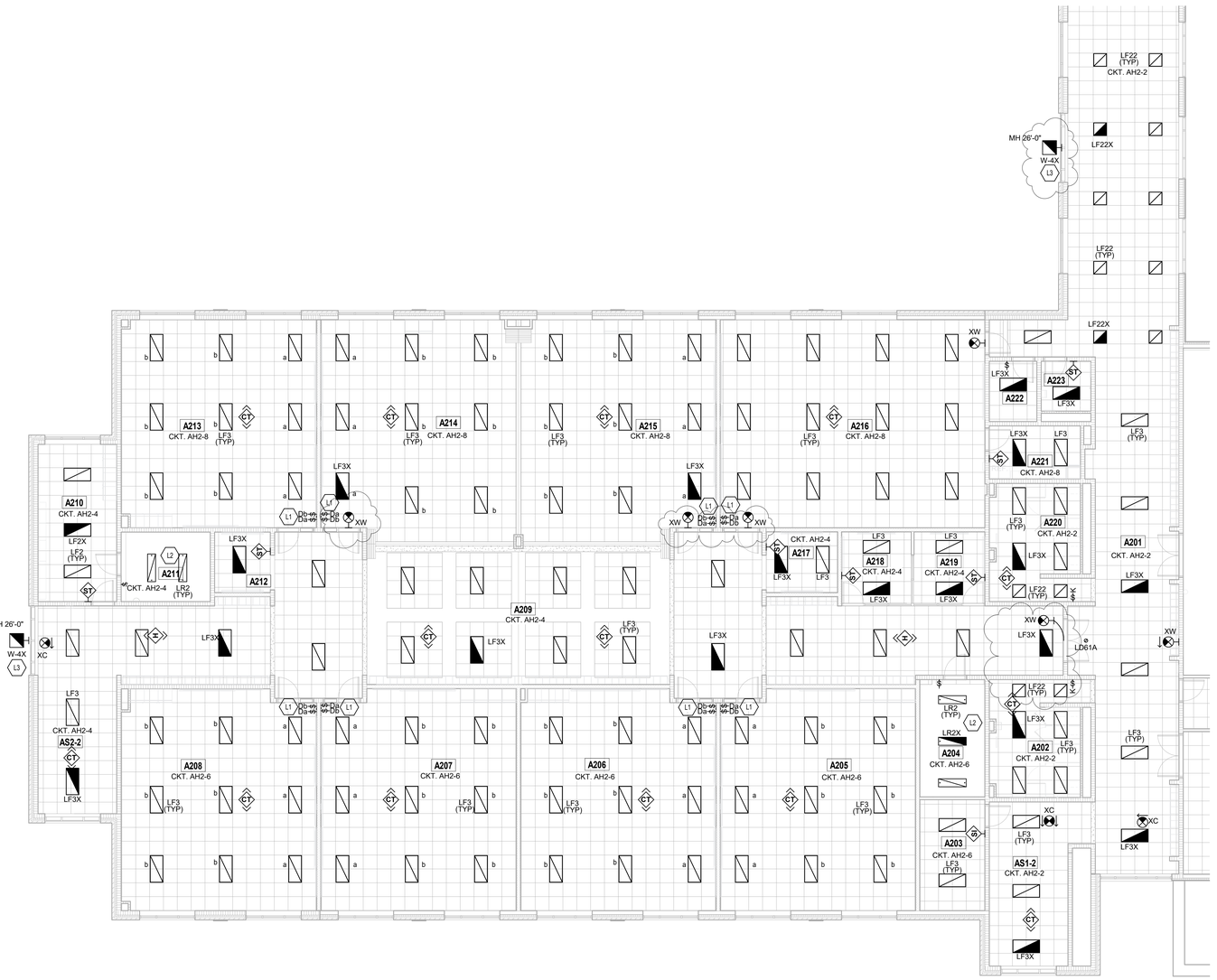

SECOND FLOOR LIGHTING PLAN UNIT A

SCALE: 1/8" = 1'-0"

ROOM LEGEND		
ROOM NO.	ROOM NAME	AREA (SF)
A201	UPPER MAIN HALL	1885 SF
A202	GIRLS	217 SF
A203	STORAGE	151 SF
A204	MECHANICAL	159 SF
A205	SPECIAL ED	891 SF
A206	CLASSROOM	889 SF
A207	CLASSROOM	892 SF
A208	CLASSROOM	885 SF
A209	COLLABORATION	2366 SF
A210	TEACHERS	258 SF
A211	MECHANICAL	129 SF
A212	HUDDLE	73 SF
A213	CLASSROOM	843 SF
A214	CLASSROOM	889 SF
A215	CLASSROOM	889 SF
A216	SCIENCE	1147 SF
A217	HUDDLE	93 SF
A218	SGI	107 SF
A219	SGI	109 SF
A220	BOYS	217 SF
A221	PREP	101 SF
A222	E / T	60 SF
A223	RESTROOM	52 SF
AS1-2	STAIR	293 SF
AS2-2	STAIR	227 SF
D201	STORAGE	6048 SF
D202	CUSTODIAN	51 SF
D203	MECHANICAL	1413 SF

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINALCONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"1C/E-502"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

SHEET KEYNOTES

L1	DIMMER SWITCH "A" TO CONTROL THE ROW OF LIGHT FIXTURES AT THE TEACHING WALL AND DIMMER SWITCH "B" TO CONTROL ALL THE OTHER LIGHT FIXTURES IN THE ROOM.
L2	COORDINATE LOCATION OF LIGHT FIXTURES WITH MECHANICAL EQUIPMENT.
L3	CONNECT EXTERIOR LIGHT FIXTURE TO CIRCUIT XAH1-9. ALL EXTERIOR LIGHTING CIRCUITS TO BE CONTROLLED AUTOMATICALLY BY BUILDING MANAGEMENT SYSTEM AND WIRED THRU LIGHTING CONTACTOR "LC-1" LOCATED ADJACENT TO PANELBOARD XAH1 IN ROOM D103. ALL CONDUIT SHALL BE INSTALLED IN A CONCEALED MANNER AND CONDUCTORS SIZED TO ACCOUNT FOR VOLTAGE DROP.

1. NOTE: ALL EMERGENCY AND EXIT LIGHTS SHOWN ON THIS SHEET SHALL BE CONNECTED TO CKT. XAH1-3.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

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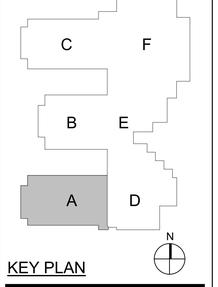

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

SECOND FLOOR LIGHTING PLAN - UNIT A

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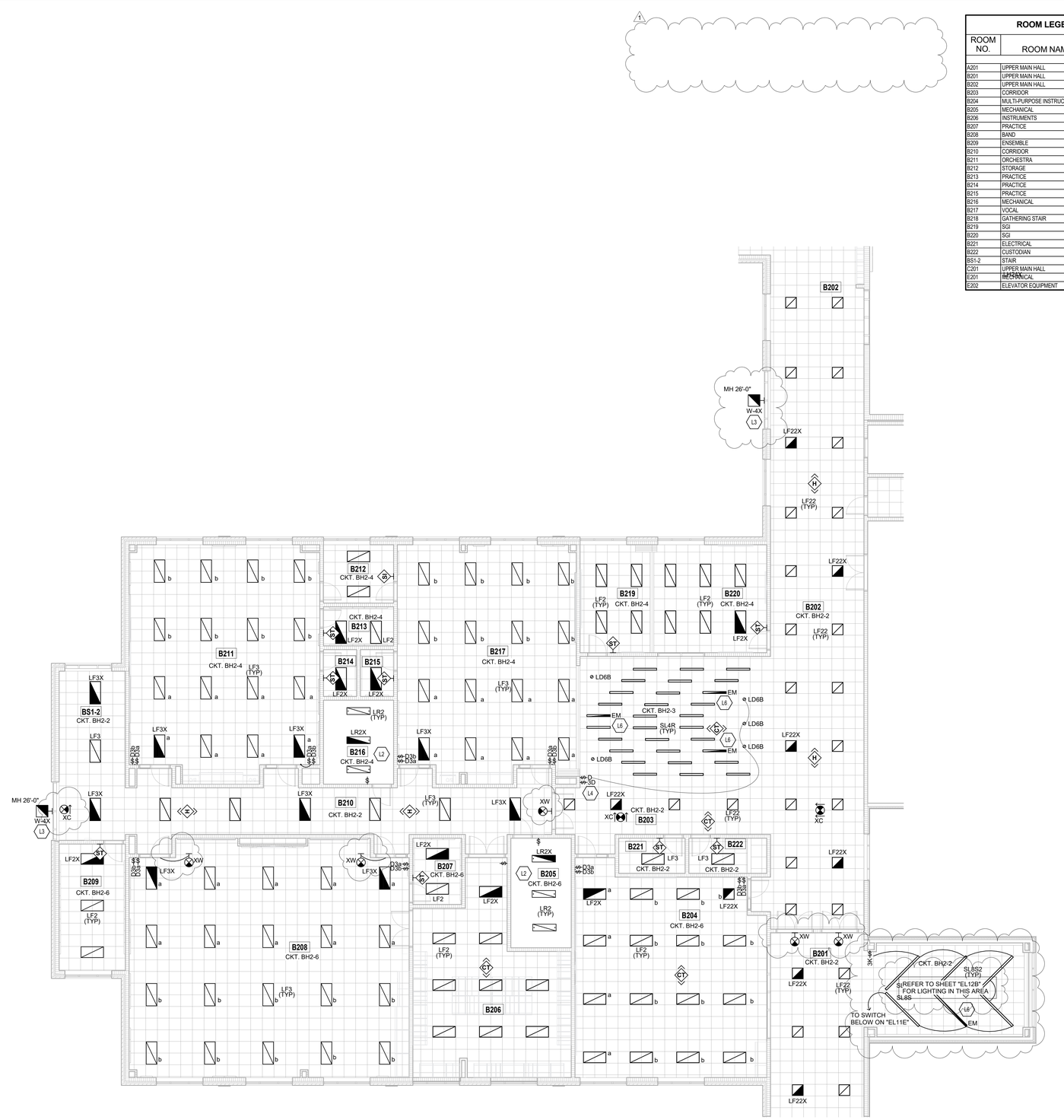

SECOND FLOOR LIGHTING PLAN UNIT B

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
A201	UPPER MAIN HALL	1885 SF
B201	UPPER MAIN HALL	398 SF
B202	UPPER MAIN HALL	1871 SF
B203	CORRIDOR	318 SF
B204	MULTI-PURPOSE INSTRUCTION	1131 SF
B205	MECHANICAL	195 SF
B206	INSTRUMENTS	765 SF
B207	PRACTICE	95 SF
B208	BAND	1902 SF
B209	ENSEMBLE	247 SF
B210	CORRIDOR	843 SF
B211	ORCHESTRA	1271 SF
B212	STORAGE	120 SF
B213	PRACTICE	81 SF
B214	PRACTICE	46 SF
B215	PRACTICE	46 SF
B216	MECHANICAL	173 SF
B217	VOCAL	1202 SF
B218	GATHERING STAIR	140 SF
B219	SGI	223 SF
B220	SGI	358 SF
B221	ELECTRICAL	69 SF
B222	CUSTODIAN	81 SF
BS1-2	STAIR	216 SF
C201	UPPER MAIN HALL	1343 SF
E201	MECHANICAL	1995 SF
E202	ELEVATOR EQUIPMENT	54 SF

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINAL CONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
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5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"1C/E-502"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

SHEET KEYNOTES

L2	COORDINATE LOCATION OF LIGHT FIXTURES WITH MECHANICAL EQUIPMENT.
L3	CONNECT EXTERIOR LIGHT FIXTURE TO CIRCUIT XAH1-9. ALL EXTERIOR LIGHTING CIRCUITS TO BE CONTROLLED AUTOMATICALLY BY BUILDING MANAGEMENT SYSTEM AND WIRED THRU LIGHTING CONTACTOR "LC-1" LOCATED ADJACENT TO PANELBOARD XAH1 IN ROOM D103. ALL CONDUIT SHALL BE INSTALLED IN A CONCEALED MANNER AND CONDUCTORS SIZED TO ACCOUNT FOR VOLTAGE DROP.
L4	THIS SWITCH TO CONTROL ALL "SL4R" AND "LD6B" FIXTURES ABOVE STAIRS.
L6	CONNECT FIXTURE LABELED "EM" TO EMERGENCY CIRCUIT WITH GENERATOR TRANSFER DEVICE.

1 NOTE: ALL EMERGENCY AND EXIT LIGHTS SHOWN ON THIS SHEET SHALL BE CONNECTED TO CKT. XBH1-6.

VERIFICATION NOTE

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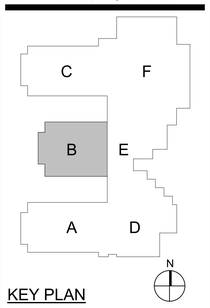

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE19308 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

SECOND FLOOR LIGHTING PLAN - UNIT B

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SECOND FLOOR LIGHTING PLAN UNIT C

SCALE: 1/8" = 1'-0"

ROOM LEGEND		
ROOM NO.	ROOM NAME	AREA (SF)
B202	UPPER MAIN HALL	1871 SF
C201	UPPER MAIN HALL	1343 SF
C202	RESTROOM	51 SF
C203	E / T	60 SF
C204	PREP	101 SF
C205	BOYS	217 SF
C206	SGI	109 SF
C207	SGI	107 SF
C208	HUDDLE	90 SF
C209	SCIENCE	1147 SF
C210	CLASSROOM	889 SF
C211	CLASSROOM	889 SF
C212	CLASSROOM	843 SF
C213	HUDDLE	70 SF
C214	MECHANICAL	129 SF
C215	TEACHERS	258 SF
C216	COLLABORATION	2369 SF
C217	CLASSROOM	885 SF
C218	CLASSROOM	802 SF
C219	CLASSROOM	889 SF
C220	SPECIAL ED	814 SF
C221	CUSTODIAN	106 SF
C222	MECHANICAL	280 SF
C223	GIRLS	282 SF
C224	ELECTRICAL	24 SF
CS1-2	STAIR	293 SF
CS2-2	STAIR	227 SF
F201	BALCONY	1137 SF
F202	MECHANICAL	543 SF
F203	MULTI-PURPOSE INSTRUCTION	1306 SF

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINALCONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"1C/E-502"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

SHEET KEYNOTES

L1	DIMMER SWITCH "A" TO CONTROL THE ROW OF LIGHT FIXTURES AT THE TEACHING WALL AND DIMMER SWITCH "B" TO CONTROL ALL THE OTHER LIGHT FIXTURES IN THE ROOM.
L3	CONNECT EXTERIOR LIGHT FIXTURE TO CIRCUIT XAH1-9. ALL EXTERIOR LIGHTING CIRCUITS TO BE CONTROLLED AUTOMATICALLY BY BUILDING MANAGEMENT SYSTEM AND WIRED THRU LIGHTING CONTACTOR "LC-1" LOCATED ADJACENT TO PANELBOARD XAH1 IN ROOM D103. ALL CONDUIT SHALL BE INSTALLED IN A CONCEALED MANNER AND CONDUCTORS SIZED TO ACCOUNT FOR VOLTAGE DROP.

1. NOTE: ALL EMERGENCY AND EXIT LIGHTS SHOWN ON THIS SHEET SHALL BE CONNECTED TO CKT. XCH1-2.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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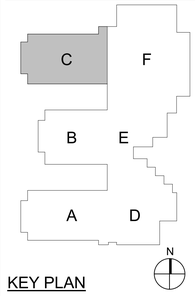

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE 10000 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

SECOND FLOOR LIGHTING PLAN - UNIT C

EL12C

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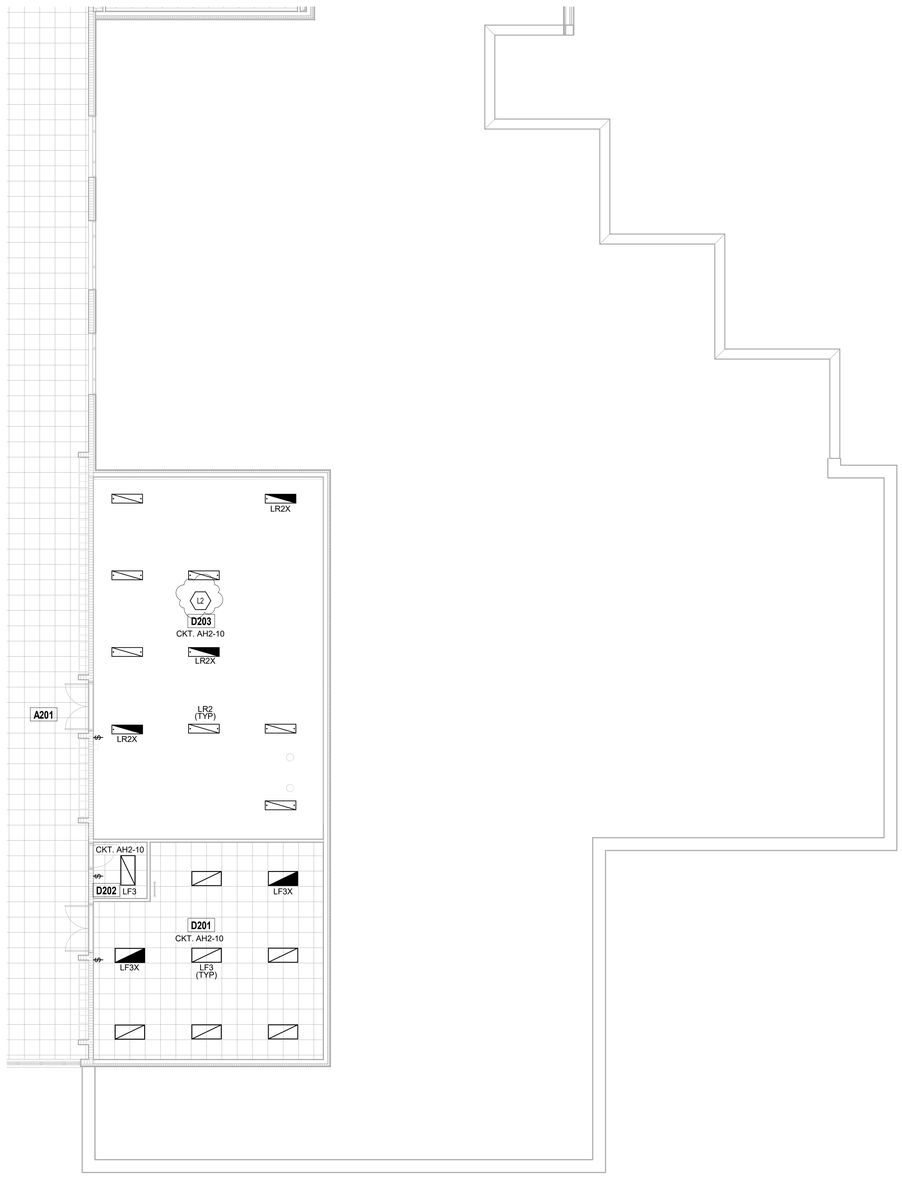

SECOND FLOOR LIGHTING PLAN UNIT D

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
A201	UPPER MAIN HALL	1885 SF
B201	UPPER MAIN HALL	398 SF
D201	STORAGE	6048 SF
D202	CUSTODIAN	51 SF
D203	MECHANICAL	1413 SF

SHEET KEYNOTES

L2	COORDINATE LOCATION OF LIGHT FIXTURES WITH MECHANICAL EQUIPMENT.

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINAL CONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"1C/E-502"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

1 NOTE: ALL EMERGENCY AND EXIT LIGHTS SHOWN ON THIS SHEET SHALL BE CONNECTED TO CKT. XAH1-5.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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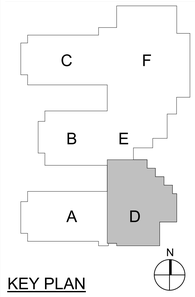

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE10800 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

SECOND FLOOR LIGHTING PLAN - UNIT D

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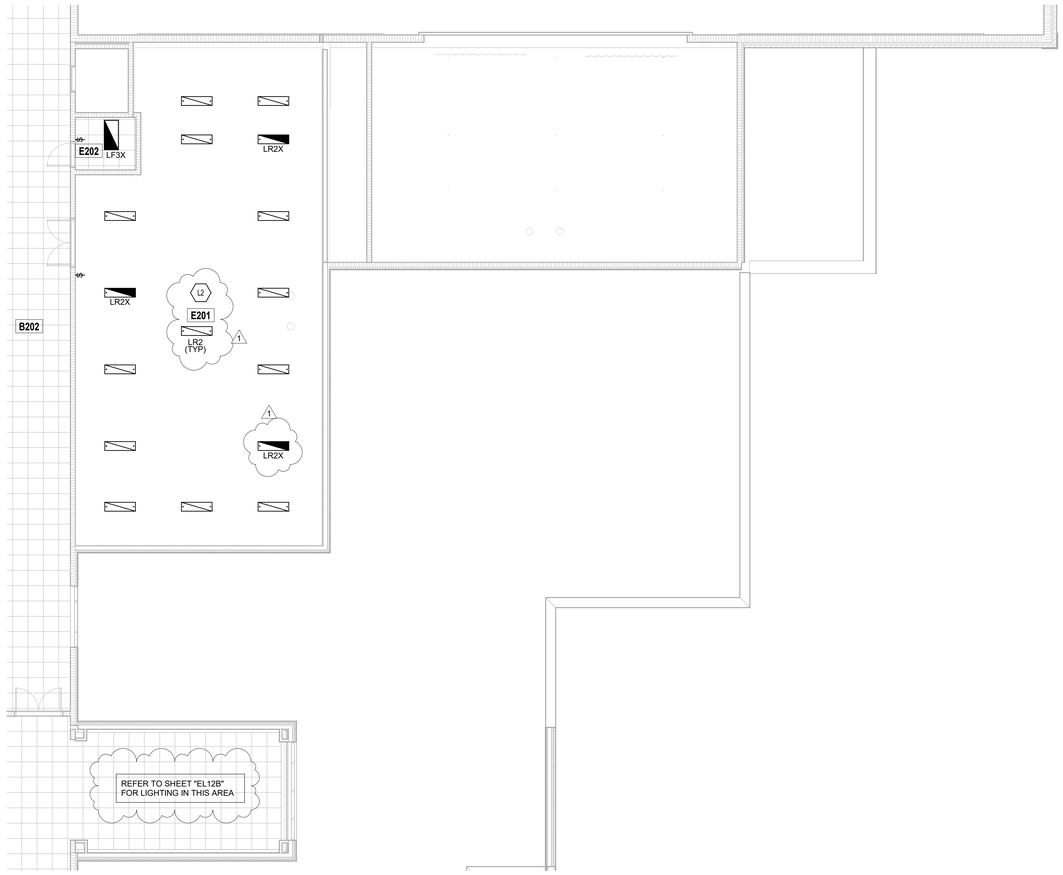
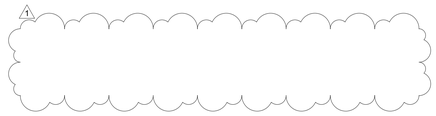


SECOND FLOOR LIGHTING PLAN UNIT E

SCALE: 1/8" = 1'-0"



ROOM LEGEND		
ROOM NO.	ROOM NAME	AREA (SF)
B201	UPPER MAIN HALL	398 SF
B202	UPPER MAIN HALL	1871 SF
E201	MECHANICAL	1995 SF
E202	ELEVATOR EQUIPMENT	54 SF

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINAL CONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"1C/E-502"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

SHEET KEYNOTES	
L2	COORDINATE LOCATION OF LIGHT FIXTURES WITH MECHANICAL EQUIPMENT.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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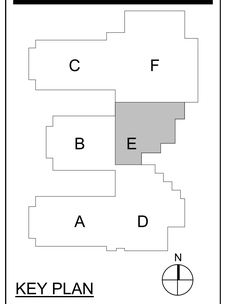

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

SECOND FLOOR LIGHTING PLAN - UNIT E

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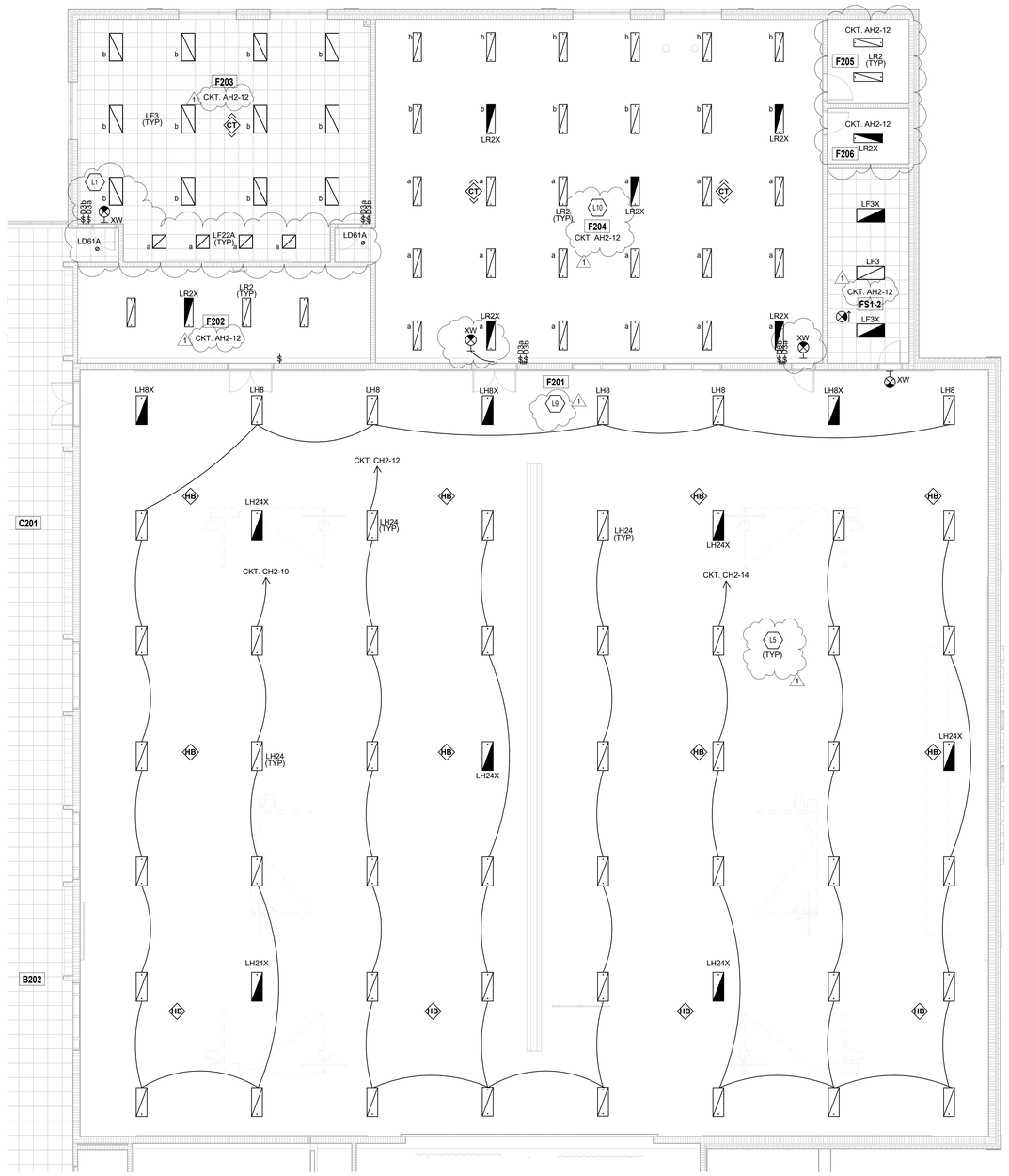

SECOND FLOOR LIGHTING PLAN UNIT F

SCALE: 1/8" = 1'-0"

ROOM LEGEND		
ROOM NO.	ROOM NAME	AREA (SF)
B202	UPPER MAIN HALL	1871 SF
C201	UPPER MAIN HALL	1343 SF
E201	MECHANICAL	1995 SF
F201	BALCONY	1137 SF
F202	MECHANICAL	543 SF
F203	MULTI-PURPOSE INSTRUCTION	1306 SF
F204	FITNESS	2985 SF
F205	STORAGE	133 SF
F206	ELECTRICAL	87 SF
FS1-2	STAIR	307 SF

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINALCONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"1C/E-502".**
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

SHEET KEYNOTES

L1	DIMMER SWITCH "A" TO CONTROL THE ROW OF LIGHT FIXTURES AT THE TEACHING WALL AND DIMMER SWITCH "B" TO CONTROL ALL THE OTHER LIGHT FIXTURES IN THE ROOM.
L5	MOUNT LIGHT FIXTURES IN GYM AT 28'-0" AFF. SEE DETAIL"2A/E-503" FOR INFORMATION ON CONTROLS.
L9	LIGHTS "LH8/X" SUSPENDED ABOVE ABOVE BALCONY SHALL BE MOUNTED AT SAME HEIGHT AS MAIN GYM LIGHTS.
L10	LIGHTS IN THIS ROOM SHALL BE MOUNTED AT 9'-0" A.F.F.

1 NOTE: ALL EMERGENCY AND EXIT LIGHTS SHOWN ON THIS SHEET SHALL BE CONNECTED TO CKT. XCH1-2 AND XCH1-5. SEE PANELBOARD SCHEDULE.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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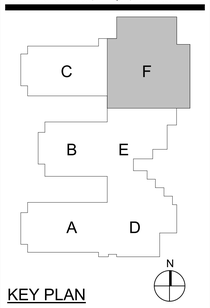

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE19800 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

SECOND FLOOR LIGHTING PLAN - UNIT F

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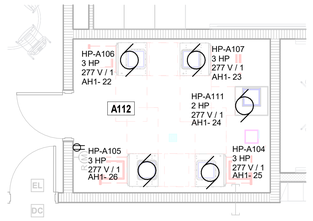
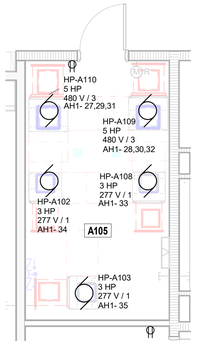


1 ENLARGED MECHANICAL ROOM A112

SCALE: 1/4" = 1'-0"



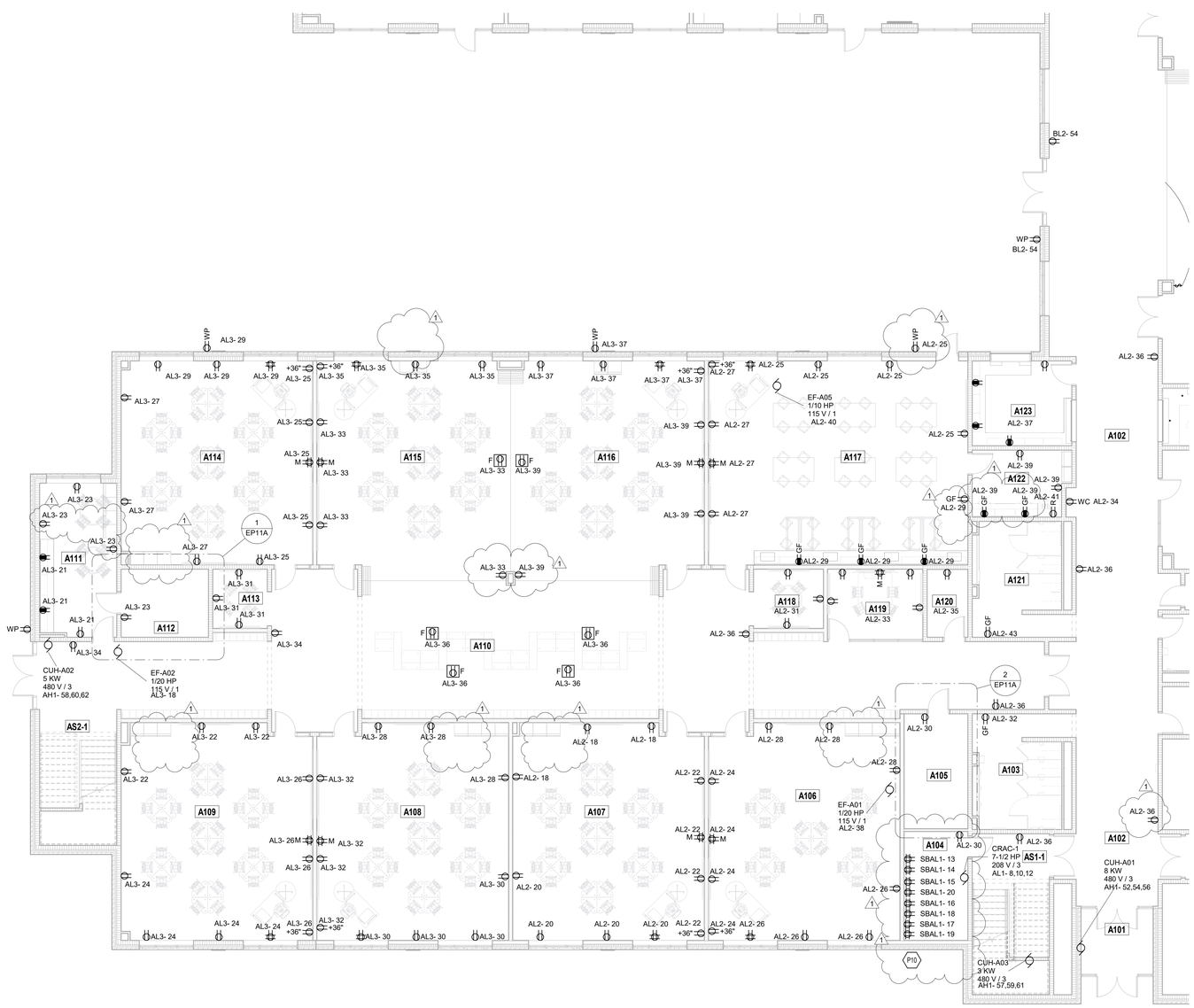
2 ENLARGED MECHANICAL ROOM A105

SCALE: 1/4" = 1'-0"

1

ITEMS REVISED ON ALL POWER PLANS FOR ADDENDUM NO.2

1. TURNED FLOOR LINES OFF FOR CLARIFICATION.
2. TURNED STRUCTURAL OFF FOR CLARIFICATION.
3. TURNED MECHINICAL EQUIPTMENT ON ON ALL ENLARGED PLANS



FIRST FLOOR POWER PLAN UNIT A

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
A101	VESTIBULE	107 SF
A102	MAIN HALL	1968 SF
A103	GIRLS	217 SF
A104	HEAD END	151 SF
A105	MECHANICAL	159 SF
A106	SPECIAL EDUCATION	891 SF
A107	CLASSROOM	889 SF
A108	CLASSROOM	892 SF
A109	CLASSROOM	885 SF
A110	CORRIDOR	2370 SF
A111	TEACHERS	255 SF
A112	MECHANICAL	129 SF
A113	HUDDLE	70 SF
A114	CLASSROOM	843 SF
A115	CLASSROOM	889 SF
A116	CLASSROOM	889 SF
A117	SCIENCE	1148 SF
A118	HUDDLE	90 SF
A119	SCI	147 SF
A120	SENSORY	60 SF
A121	BOYS	217 SF
A122	PREP	137 SF
A123	BOOKSTORE	183 SF
AS1-1	STAIR	262 SF
AS2-1	STAIR	220 SF
B103	MEDIA CENTER	1827 SF
B106	MEDIA CLASSROOM	1071 SF
B107	ART	1190 SF
D101	STORAGE	196 SF
D104	CORRIDOR	191 SF
D109	CUSTODIAL STAFF	112 SF
D110	CUSTODIAN	59 SF
D111	RESTROOM	70 SF
D121	KITCHEN / SERVING	2365 SF
D123	HYDROPONICS	301 SF
D124	CAFETERIA	4442 SF
D125	ALA CART	148 SF

POWER PLAN GENERAL NOTES

1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
2. VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
4. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
5. PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
6. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
7. REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
8. REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
9. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.

SHEET KEYNOTES

P10	TECHNOLOGY RACK(IDF) RECEPTACLES. COORDINATE MOUNTING LOCATIONS AND INSTALLATION REQUIREMENTS WITH THE TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE #10 CONDUCTORS.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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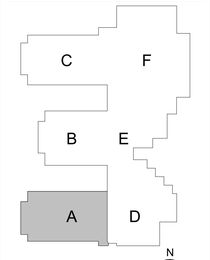

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE19800 STATE OF PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

FIRST FLOOR POWER PLAN - UNIT A

EP11A

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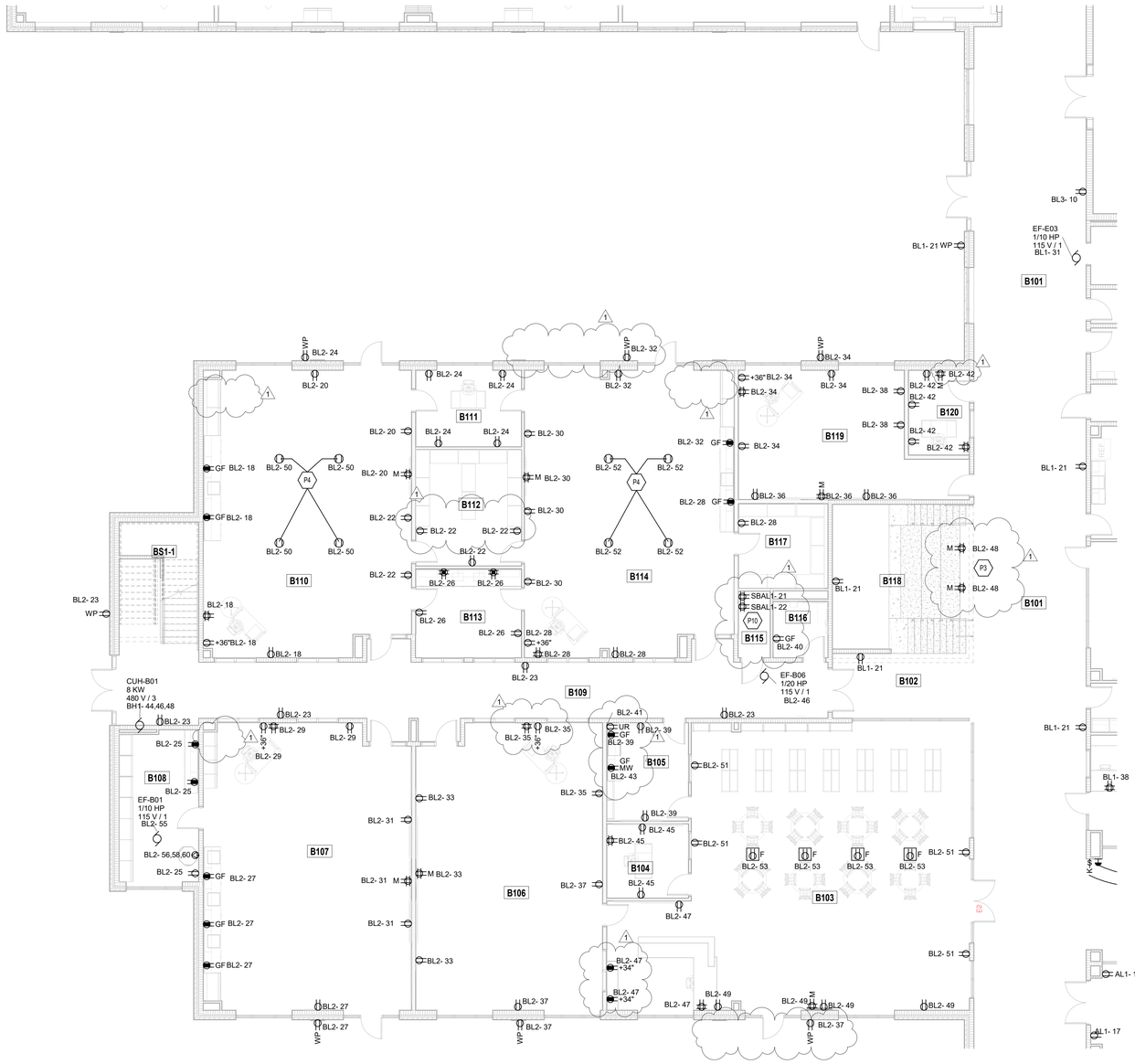
ITEMS REVISED ON ALL POWER PLANS FOR ADDENDUM NO.2

1. TURNED FLOOR LINES OFF FOR CLARIFICATION.
2. TURNED STRUCTURAL OFF FOR CLARIFICATION.
3. TURNED MECHINICAL EQUIPTMENT ON ON ALL ENLARGED PLANS



FIRST FLOOR POWER PLAN UNIT B

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
A102	MAIN HALL	1968 SF
B101	MAIN HALL	2209 SF
B102	CORRIDOR	190 SF
B103	MEDIA CENTER	1827 SF
B104	MEDIA OFFICE	123 SF
B105	MEDIA WORKROOM	164 SF
B106	MEDIA CLASSROOM	1071 SF
B107	ART	1190 SF
B108	KILN / STORAGE	243 SF
B109	CORRIDOR	913 SF
B110	PLTW	1187 SF
B111	PLANNING	165 SF
B112	STORAGE	250 SF
B113	CLEAN LAB	192 SF
B114	PLTW	1198 SF
B115	TECH	43 SF
B116	RESTROOM	63 SF
B117	STORAGE	154 SF
B118	GATHERING STAIR	419 SF
B119	ALTERNATIVE CLASSROOM	491 SF
B120	SRO OFFICE	105 SF
BS1-1	STAIR	208 SF
C101	MAIN HALL	1111 SF
C102	CONCESSION	183 SF
C108	SCIENCE	1147 SF
C109	CLASSROOM	889 SF
C110	CLASSROOM	889 SF
C111	CLASSROOM	943 SF
D124	CAFETERIA	4442 SF
E102	CORRIDOR	213 SF
E103	ATTENDANCE	164 SF
E104	MAIL	72 SF
E119	RECEPTION	301 SF
E121	CLINIC	274 SF
E135	CORRIDOR	38 SF
E136	FAMILY RR	64 SF
E137	CUSTODIAN	53 SF
F101	GYMNASIUM	12261 SF

POWER PLAN GENERAL NOTES

1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
2. VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
4. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
5. PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
6. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
7. REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
8. REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
9. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.

SHEET KEYNOTES

P3	DISPLAY MONITOR RECEPTACLE TO BE MOUNTED TO BULKHEAD ABOVE STAIRS. SEE EQUIPMENT PLANS FOR MORE INFORMATION.
P4	CEILING MOUNTED CORD REELS. CONNECT TO INDICATED CIRCUIT.
P10	TECHNOLOGY RACK(IDF) RECEPTACLES. COORDINATE MOUNTING LOCATIONS AND INSTALLATION REQUIREMENTS WITH THE TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE #10 CONDUCTORS.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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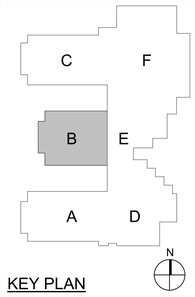

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE10800 STATE OF PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

FIRST FLOOR POWER PLAN - UNIT B

EP11B

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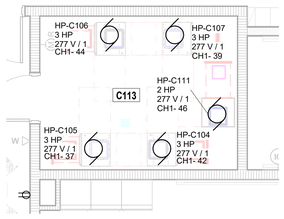


2 ENLARGED MECHANICAL ROOM C113

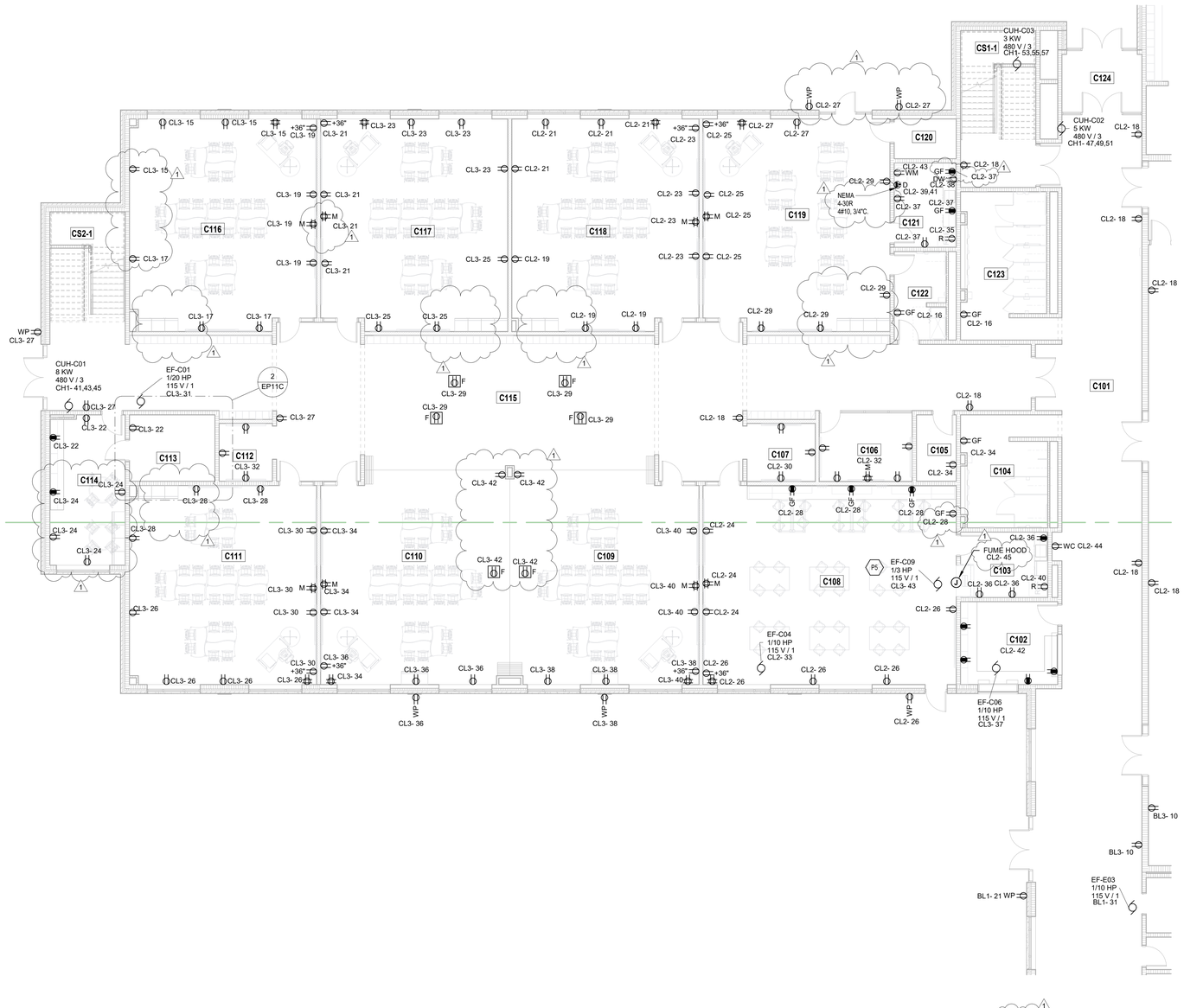
SCALE: 1/4" = 1'-0"

1 ITEMS REVISED ON ALL POWER PLANS FOR ADDENDUM NO.2

1. TURNED FLOOR LINES OFF FOR CLARIFICATION.
2. TURNED STRUCTURAL OFF FOR CLARIFICATION.
3. TURNED MECHINICAL EQUIPTMENT ON ON ALL ENLARGED PLANS.

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
B101	MAIN HALL	2209 SF
C101	MAIN HALL	1111 SF
C102	CONCESSION	183 SF
C103	PREP	130 SF
C104	BOYS	217 SF
C105	SENSORY	60 SF
C106	SGI	147 SF
C107	HUDDLE	90 SF
C108	SCIENCE	1147 SF
C109	CLASSROOM	889 SF
C110	CLASSROOM	889 SF
C111	CLASSROOM	843 SF
C112	HUDDLE	70 SF
C113	MECHANICAL	129 SF
C114	TEACHERS	255 SF
C115	CORRIDOR	2370 SF
C116	CLASSROOM	885 SF
C117	CLASSROOM	892 SF
C118	CLASSROOM	889 SF
C119	APPLIED SKILLS	891 SF
C120	SENSORY	56 SF
C121	KITCHENETTE	119 SF
C122	RESTROOM / SHOWER	103 SF
C123	GIRLS	282 SF
C124	VESTIBULE	116 SF
CS1-1	STAIR	262 SF
CS2-1	STAIR	220 SF
E136	FAMILY RR	64 SF
E137	CUSTODIAN	53 SF
F101	GYMNASIUM	12261 SF
F102	CORRIDOR	1209 SF
F103	GIRLS PE LOCKERS	542 SF



FIRST FLOOR POWER PLAN UNIT C

SCALE: 1/8" = 1'-0"

POWER PLAN GENERAL NOTES

1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
2. VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
4. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
5. PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
6. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
7. REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
8. REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
9. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.

SHEET KEYNOTES

P5	EXHAUST FAN TO BE CONTROLLED BY SWITCH ON THE FUME HOOD UNIT. REFER TO FUME HOOD UNIT MANUFACTURER FOR ADDITIONAL REQUIREMENTS.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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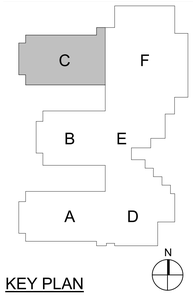

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE19900008 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

FIRST FLOOR POWER PLAN - UNIT C

EP11C

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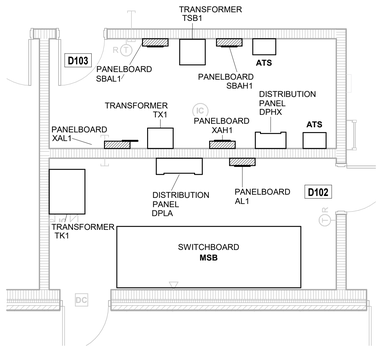
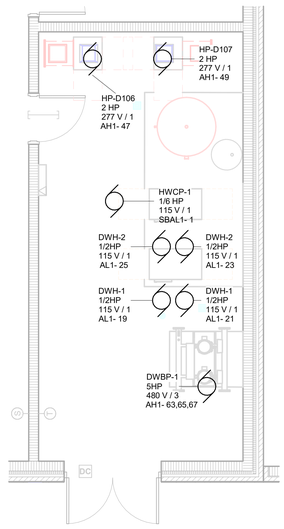


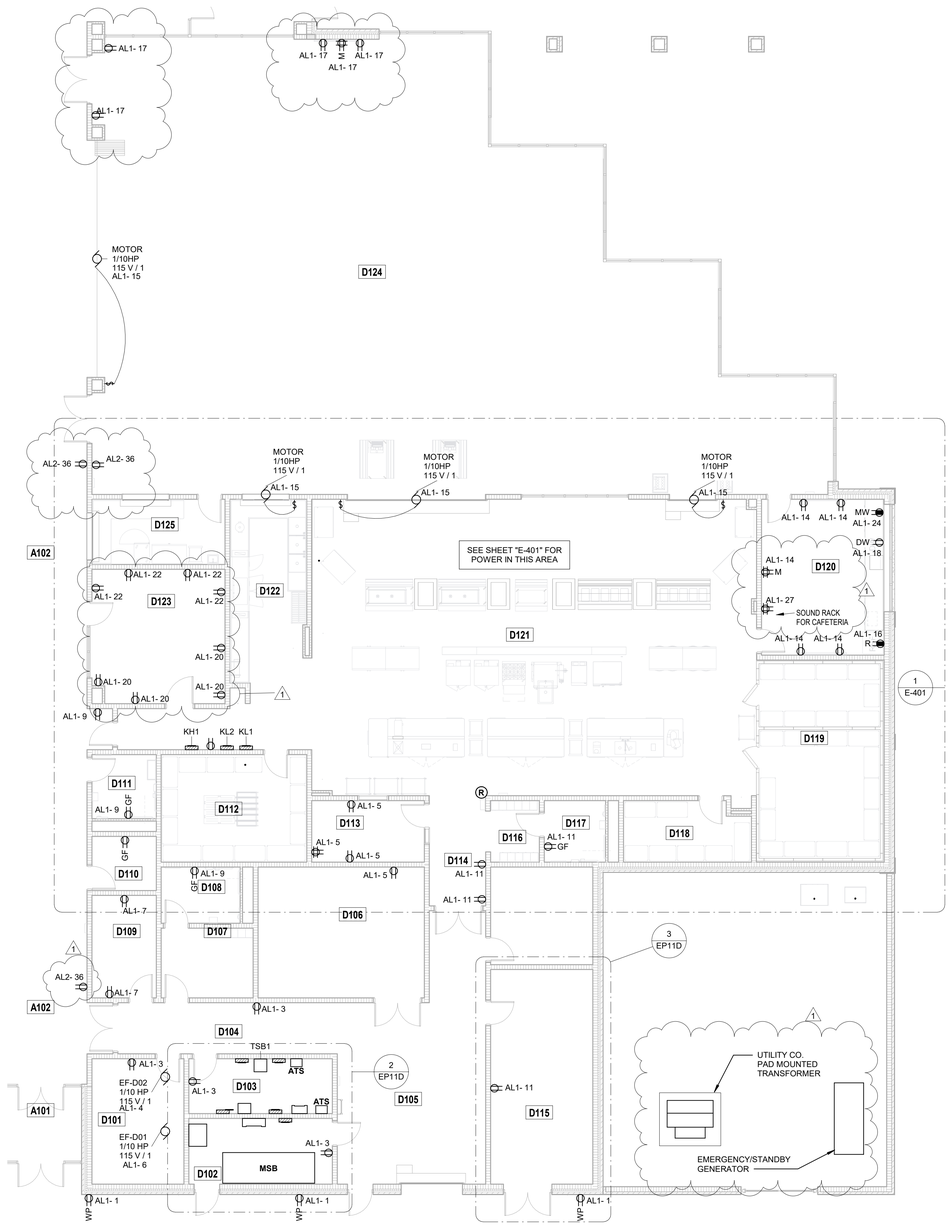
ENLARGED ELECTRICAL ROOMS D102 AND D103

2 SCALE: 1/4" = 1'-0"



ENLARGED MECHANICAL ROOM D115

3 SCALE: 1/4" = 1'-0"



FIRST FLOOR POWER PLAN UNIT D

SCALE: 1/8" = 1'-0"

1 ITEMS REVISED ON ALL POWER PLANS FOR ADDENDUM NO.2

1. TURNED FLOOR LINES OFF FOR CLARIFICATION.
2. TURNED STRUCTURAL OFF FOR CLARIFICATION.
3. TURNED MECHINICAL EQUIPTMENT ON ON ALL ENLARGED PLANS

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
A101	VESTIBULE	107 SF
A102	MAIN HALL	1968 SF
B101	MAIN HALL	2209 SF
D101	STORAGE	196 SF
D102	ELECTRICAL	161 SF
D103	STORAGE	134 SF
D104	CORRIDOR	191 SF
D105	RECEIVING	547 SF
D106	STORAGE	370 SF
D107	LOCKERS	109 SF
D108	RESTROOM	76 SF
D109	CUSTODIAL STAFF	112 SF
D110	CUSTODIAN	59 SF
D111	RESTROOM	70 SF
D112	DRY STORAGE	267 SF
D113	OFFICE	118 SF
D114	CORRIDOR	106 SF
D115	BUILDING SERVICES	373 SF
D116	LOCKERS	55 SF
D117	RESTROOM	64 SF
D118	STORAGE	127 SF
D119	COOLER / FREEZER	439 SF
D120	FACULTY DINING	325 SF
D121	KITCHEN / SERVING	2365 SF
D122	DISHWASHING	240 SF
D123	HYDROPONICS	301 SF
D124	CAFETERIA	4442 SF
D125	ALA CART	148 SF
D126	STORAGE	170 SF
E101	VESTIBULE	260 SF
E102	CORRIDOR	213 SF

POWER PLAN GENERAL NOTES

1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
2. VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
4. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
5. PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
6. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
7. REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
8. REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
9. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.

SHEET KEYNOTES

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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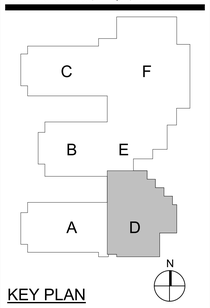

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE19800 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

FIRST FLOOR POWER PLAN - UNIT D

EP11D

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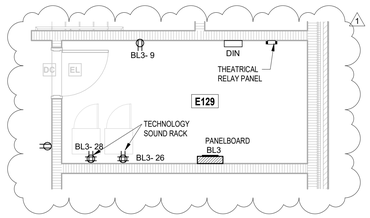
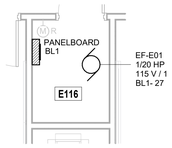


2 ENLARGED SOUND LIGHT ELECTRICAL ROOM E129

SCALE: 1/4" = 1'-0"



3 ENLARGED ELECTRICAL ROOM E116

SCALE: 1/4" = 1'-0"

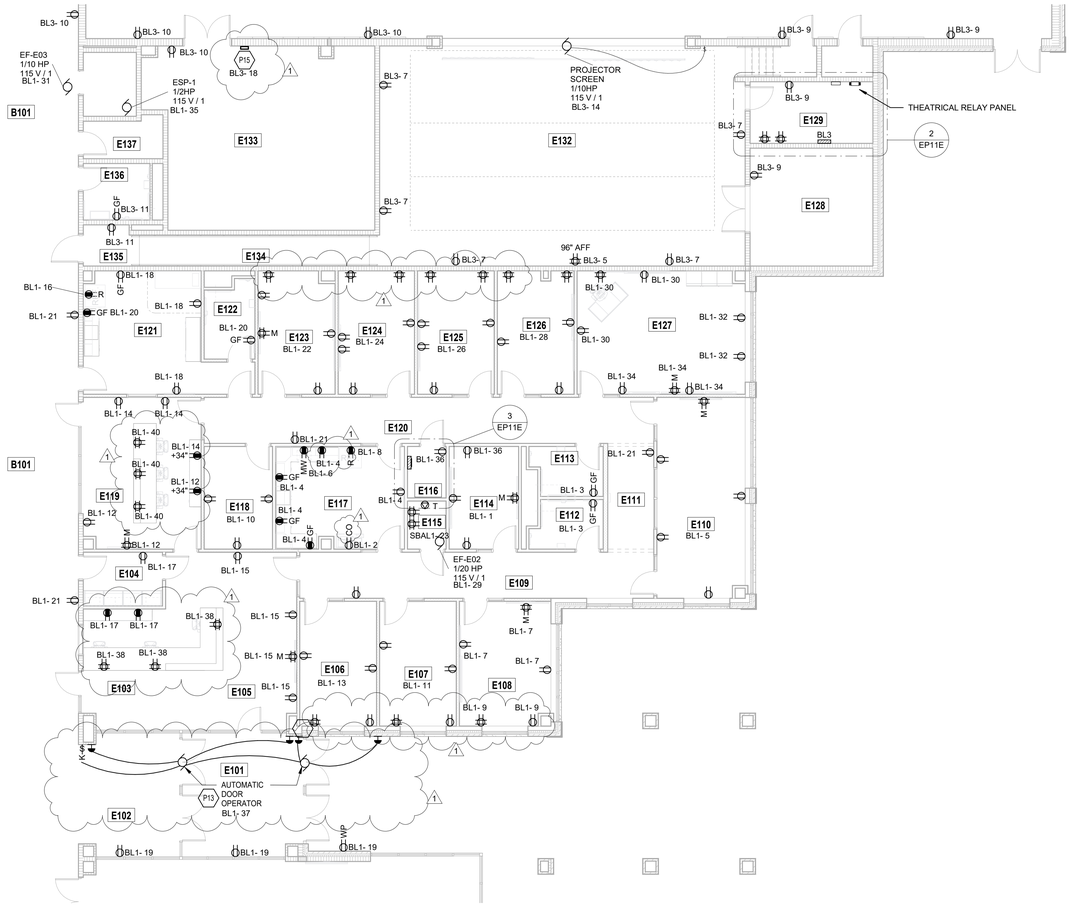
1

ITEMS REVISED ON ALL POWER PLANS FOR ADDENDUM NO.2

1. TURNED FLOOR LINES OFF FOR CLARIFICATION.
2. TURNED STRUCTURAL OFF FOR CLARIFICATION.
3. TURNED MECHINICAL EQUIPTMENT ON ON ALL ENLARGED PLANS

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
A102	MAIN HALL	1968 SF
B101	MAIN HALL	2209 SF
D124	CAFETERIA	4442 SF
E101	VESTIBULE	260 SF
E102	CORRIDOR	213 SF
E103	ATTENDANCE	164 SF
E104	MAIL	72 SF
E105	ADMIN RECEPTION	400 SF
E106	TREASURER	163 SF
E107	ASSISTANT PRINCIPAL	163 SF
E108	PRINCIPAL OFFICE	191 SF
E109	CORRIDOR	278 SF
E110	LARGE CONFERENCE	299 SF
E111	CORRIDOR	85 SF
E112	STAFF RR	57 SF
E113	STAFF RR	57 SF
E114	SMALL CONFERENCE	121 SF
E115	TECHNOLOGY	32 SF
E116	ELECTRICAL	34 SF
E117	WORK ROOM	222 SF
E118	FILES	119 SF
E119	RECEPTION	301 SF
E120	CORRIDOR	352 SF
E121	CLINIC	274 SF
E122	RESTROOM	64 SF
E123	CONFERENCE	158 SF
E124	GUIDANCE	160 SF
E125	GUIDANCE	161 SF
E126	GUIDANCE	159 SF
E127	IN-SCHOOL SUSPENSION	350 SF
E128	STAGE STORAGE	246 SF
E129	SOUND LIGHT ELEC	129 SF
E130	CLOSET	27 SF
E131	CORRIDOR	34 SF
E132	STAGE	1376 SF
E133	PE STORAGE	671 SF
E134	RAMP	120 SF
E135	CORRIDOR	38 SF
E136	FAMILY RR	64 SF
E137	CUSTODIAN	53 SF
F101	GYMNASIUM	12261 SF



FIRST FLOOR POWER PLAN UNIT E

SCALE: 1/8" = 1'-0"

POWER PLAN GENERAL NOTES

1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
2. VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
4. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
5. PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
6. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
7. REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
8. REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
9. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.

SHEET KEYNOTES

P13	AUTOMATIC DOOR OPERATOR MOTOR, PUSH BUTTONS, AND KEYED SWITCH BY THE UNIT MANUFACTURER. CONDUITS, WIRING, AND BACKBOXES BY THE DIVISION 26 CONTRACTORS PER THE MANUFACTURERS REQUIREMENT. VERIFY THE EXACT LOCATION OF DEVICES PRIOR TO ROUGH-IN.
P15	BACKSTOP AND DIVIDER CURTAIN TOUCH PAD. PROVIDE POWER AND CONTROL IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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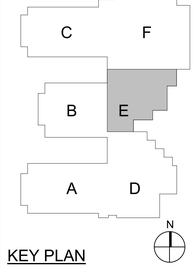

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

FIRST FLOOR POWER PLAN - UNIT E

EP11E

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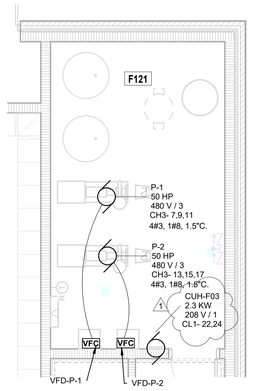
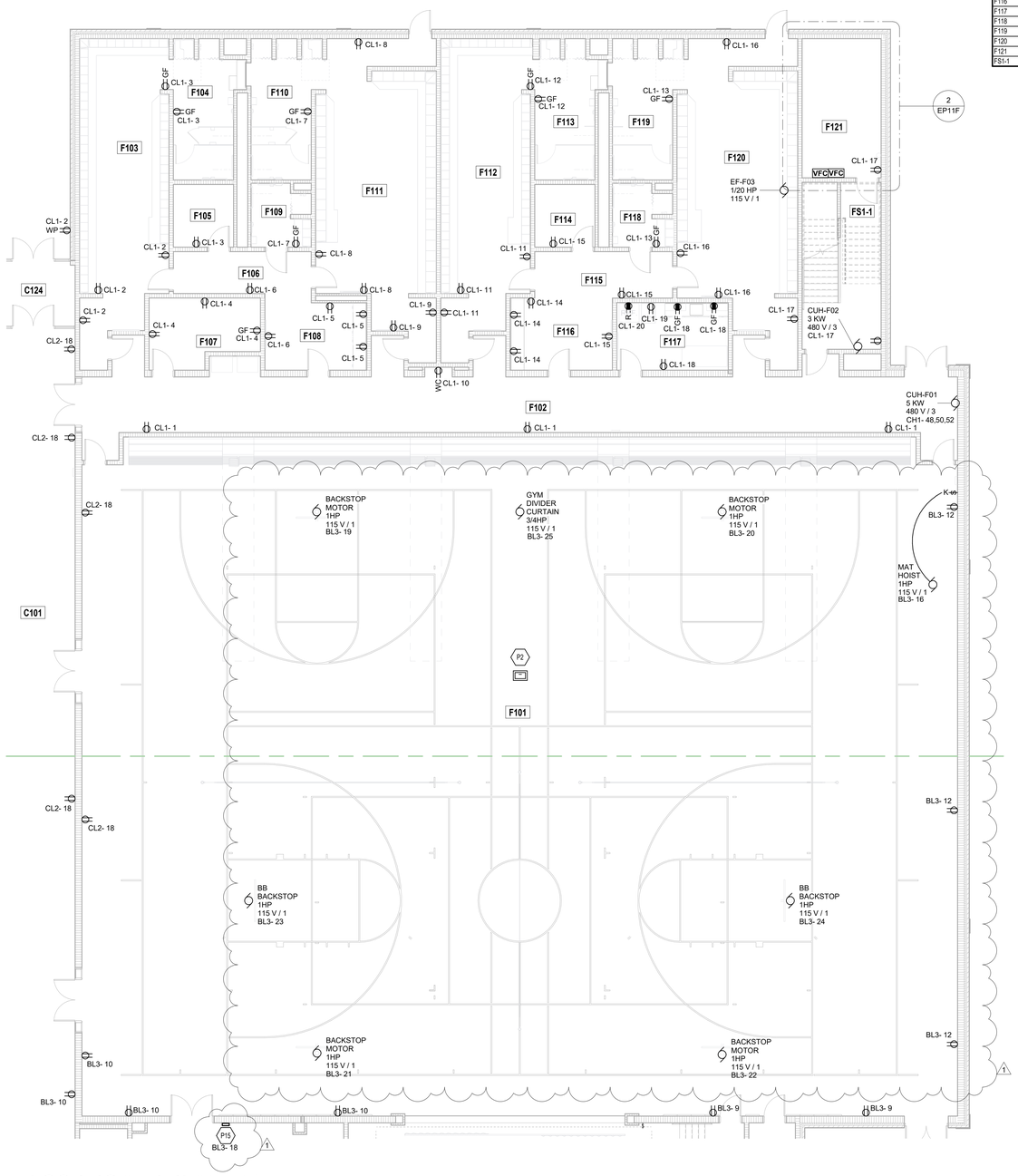


2 ENLARGED MECHANICAL ROOM F121

SCALE: 1/4" = 1'-0"



FIRST FLOOR POWER PLAN UNIT F

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
B101	MAIN HALL	2209 SF
C101	MAIN HALL	1111 SF
C124	VESTIBULE	116 SF
E130	CLOSET	27 SF
E131	CORRIDOR	34 SF
E132	STAGE	1376 SF
E133	PE STORAGE	671 SF
F101	GYMNASIUM	12261 SF
F102	CORRIDOR	1209 SF
F103	GIRLS PE LOCKERS	542 SF
F104	RESTROOM	178 SF
F105	ATHLETIC STORAGE	78 SF
F106	CORRIDOR	122 SF
F107	CUSTODIAN	145 SF
F108	OFFICE	149 SF
F109	TOILET	73 SF
F110	RESTROOM	175 SF
F111	GIRLS TEAM LOCKERS	695 SF
F112	BOYS PE LOCKERS	543 SF
F113	RESTROOM	175 SF
F114	ATHLETIC STORAGE	78 SF
F115	CORRIDOR	136 SF
F116	OFFICE	149 SF
F117	TRAINING	156 SF
F118	TOILET	73 SF
F119	RESTROOM	175 SF
F120	BOYS TEAM LOCKER	705 SF
F121	MECHANICAL	228 SF
FS1-1	STAIR	265 SF

POWER PLAN GENERAL NOTES

1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
2. VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
4. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
5. PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
6. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
7. REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
8. REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
9. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.

SHEET KEYNOTES

P2	FLUSH MOUNTED FLOOR POCKET. REFER TO DETAIL "1/ES.02" FOR REQUIREMENTS INSTALL SO THAT TOP SURFACE OF FLOOR POCKET COVER IS ABSOLUTELY FLUSH AND LEVEL WITH FINISH FLOOR SURFACE.
P15	BACKSTOP AND DIVIDER CURTAIN TOUCH PAD, PROVIDE POWER AND CONTROL IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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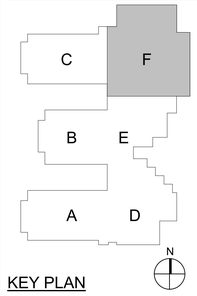

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE10800 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

FIRST FLOOR POWER PLAN - UNIT F

EP11F

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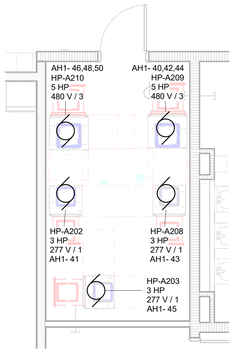
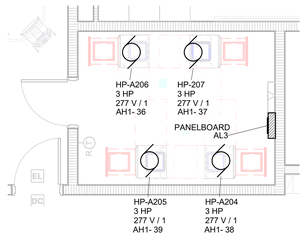


3 ENLARGED MECHANICAL ROOM A204

SCALE: 1/4" = 1'-0"



2 ENLARGED MECHANICAL ROOM A211

SCALE: 1/4" = 1'-0"

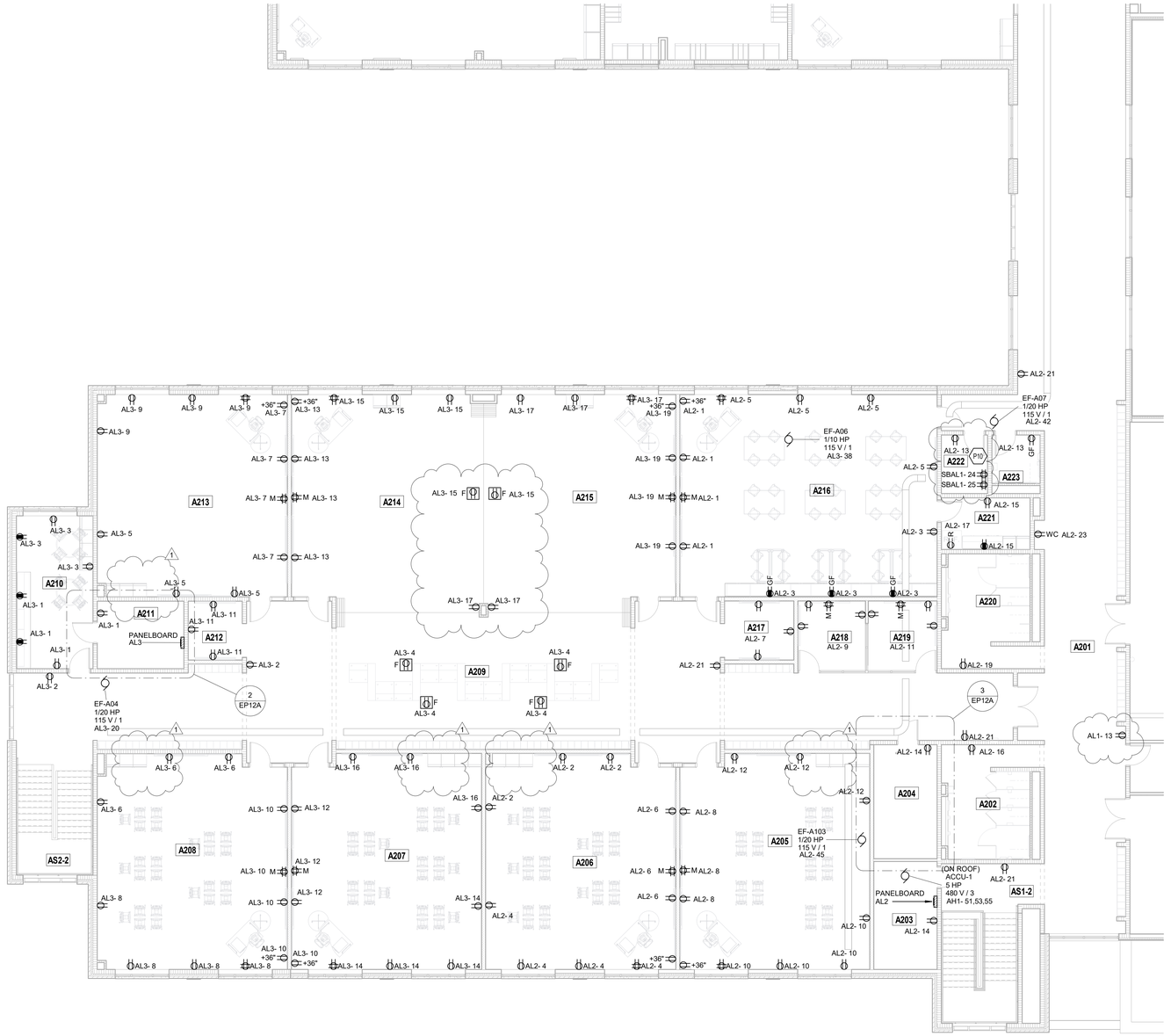
1

ITEMS REVISED ON ALL POWER PLANS FOR ADDENDUM NO.2

1. TURNED FLOOR LINES OFF FOR CLARIFICATION.
2. TURNED STRUCTURAL OFF FOR CLARIFICATION.
3. TURNED MECHINICAL EQUIPTMENT ON ON ALL ENLARGED PLANS

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
A201	UPPER MAIN HALL	1885 SF
A202	GIRLS	217 SF
A203	STORAGE	151 SF
A204	MECHANICAL	159 SF
A205	SPECIAL ED	801 SF
A206	CLASSROOM	889 SF
A207	CLASSROOM	892 SF
A208	CLASSROOM	885 SF
A209	COLLABORATION	2366 SF
A210	TEACHERS	238 SF
A211	MECHANICAL	129 SF
A212	HUDDLE	73 SF
A213	CLASSROOM	843 SF
A214	CLASSROOM	889 SF
A215	CLASSROOM	889 SF
A216	SCIENCE	1147 SF
A217	HUDDLE	93 SF
A218	SGI	107 SF
A219	SGI	109 SF
A220	BOYS	217 SF
A221	PREP	101 SF
A222	E / T	60 SF
A223	RESTROOM	52 SF
AS1-2	STAIR	293 SF
AS2-2	STAIR	227 SF
B201	UPPER MAIN HALL	398 SF
B204	MULTI-PURPOSE INSTRUCTION	1131 SF
B206	INSTRUMENTS	765 SF
B208	BAND	1902 SF
D201	STORAGE	6048 SF
D202	CUSTODIAN	51 SF
D203	MECHANICAL	1413 SF



SECOND FLOOR POWER PLAN UNIT A

SCALE: 1/8" = 1'-0"

POWER PLAN GENERAL NOTES

1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
2. VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
4. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
5. PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
6. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
7. REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
8. REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
9. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.

SHEET KEYNOTES

P10	TECHNOLOGY RACK/(IDF) RECEPTACLES. COORDINATE MOUNTING LOCATIONS AND INSTALLATION REQUIREMENTS WITH THE TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE #10 CONDUCTORS.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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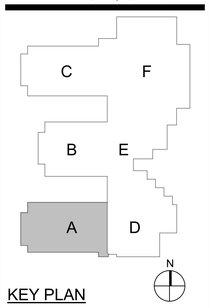

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE10802005 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

SECOND FLOOR POWER PLAN - UNIT A

EP12A

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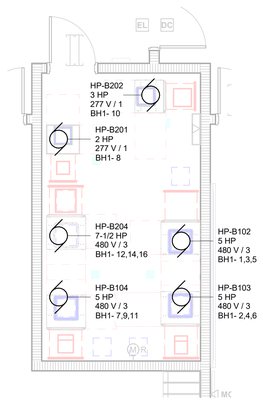
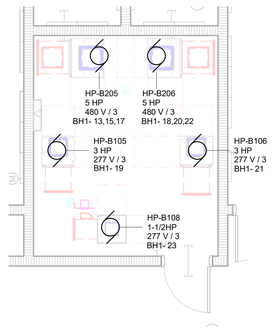


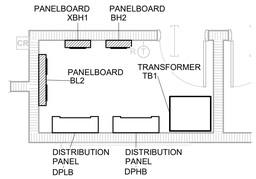
3 ENLARGED MECHANICAL ROOM B205

SCALE: 1/4" = 1'-0"



4 ENLARGED MECHANICAL ROOM B216

SCALE: 1/4" = 1'-0"



2 ENLARGED MECHANICAL ROOM B221

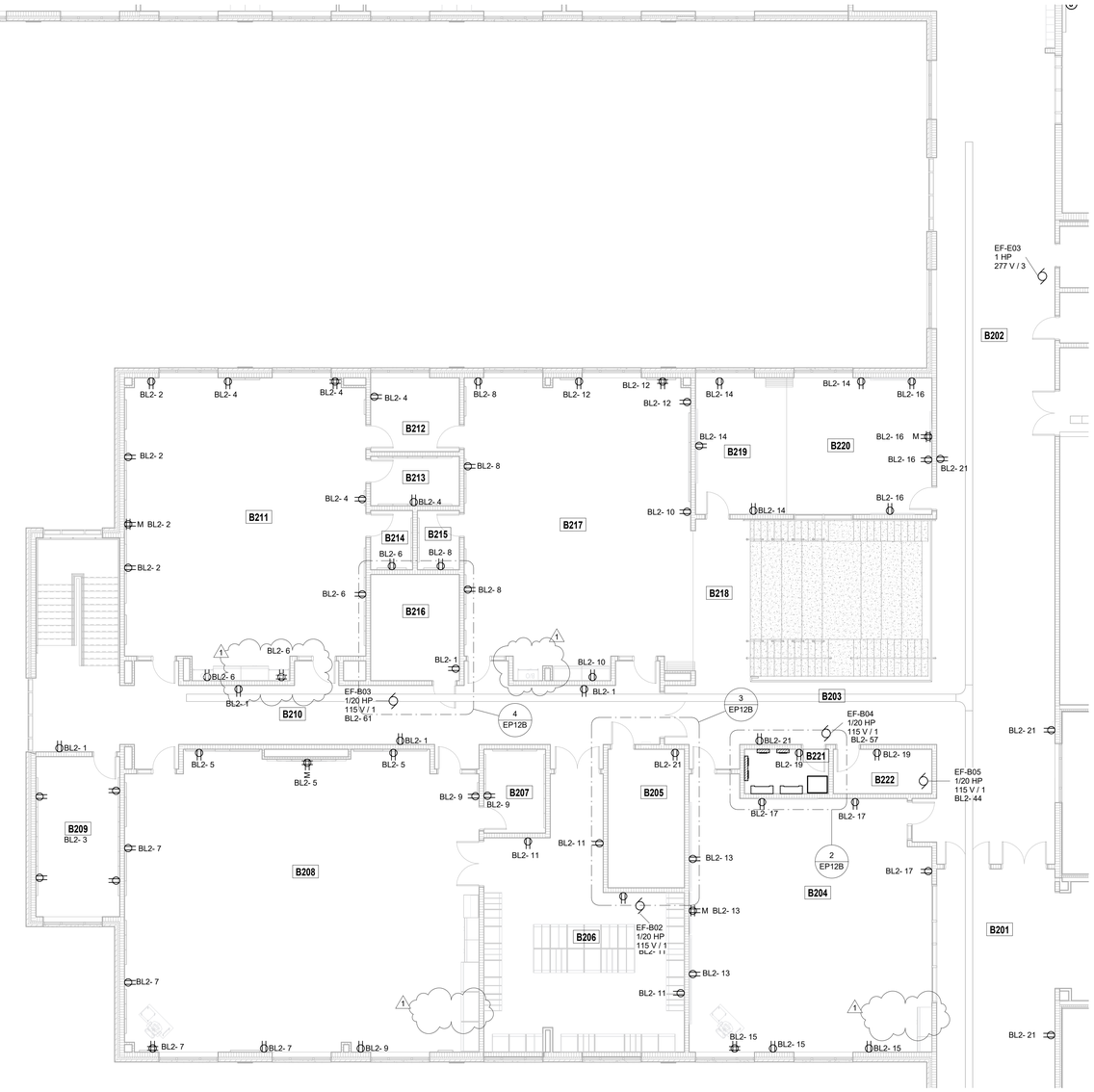
SCALE: 1/4" = 1'-0"

1 ITEMS REVISED ON ALL POWER PLANS FOR ADDENDUM NO.2

1. TURNED FLOOR LINES OFF FOR CLARIFICATION.
2. TURNED STRUCTURAL OFF FOR CLARIFICATION.
3. TURNED MECHINICAL EQUIPTMENT ON ON ALL ENLARGED PLANS

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
A201	UPPER MAIN HALL	1885 SF
B201	UPPER MAIN HALL	398 SF
B202	UPPER MAIN HALL	1871 SF
B203	CORRIDOR	318 SF
B204	MULTI-PURPOSE INSTRUCTION	1131 SF
B205	MECHANICAL	195 SF
B206	INSTRUMENTS	765 SF
B207	PRACTICE	95 SF
B208	BAND	1902 SF
B209	ENSEMBLE	247 SF
B210	CORRIDOR	843 SF
B211	ORCHESTRA	1271 SF
B212	STORAGE	120 SF
B213	PRACTICE	81 SF
B214	PRACTICE	46 SF
B215	PRACTICE	46 SF
B216	MECHANICAL	173 SF
B217	VOCAL	1202 SF
B218	GATHERING STAIR	146 SF
B219	SGI	223 SF
B220	SGI	358 SF
B221	ELECTRICAL	69 SF
B222	CUSTODIAN	81 SF
B51-2	STAIR	216 SF
C201	UPPER MAIN HALL	1343 SF
C209	SCIENCE	1147 SF
C210	CLASSROOM	889 SF
C211	CLASSROOM	889 SF
C212	CLASSROOM	843 SF
E201	MECHANICAL	1995 SF
E202	ELEVATOR EQUIPMENT	54 SF



SECOND FLOOR POWER PLAN UNIT B

SCALE: 1/8" = 1'-0"

POWER PLAN GENERAL NOTES

1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
2. VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
4. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
5. PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
6. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
7. REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
8. REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
9. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.

SHEET KEYNOTES

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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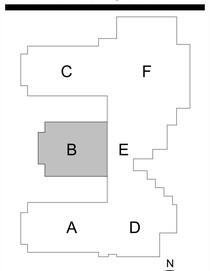

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE10800 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

SECOND FLOOR POWER PLAN - UNIT B

EP12B

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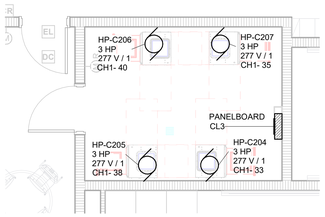
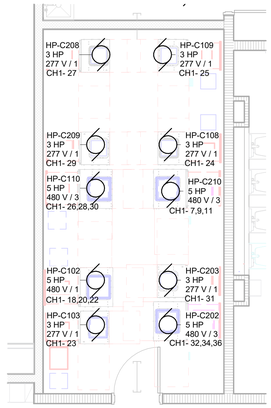


2 ENLARGED MECHANICAL ROOM C214

SCALE: 1/4" = 1'-0"



3 ENLARGED MECHANICAL ROOM C227

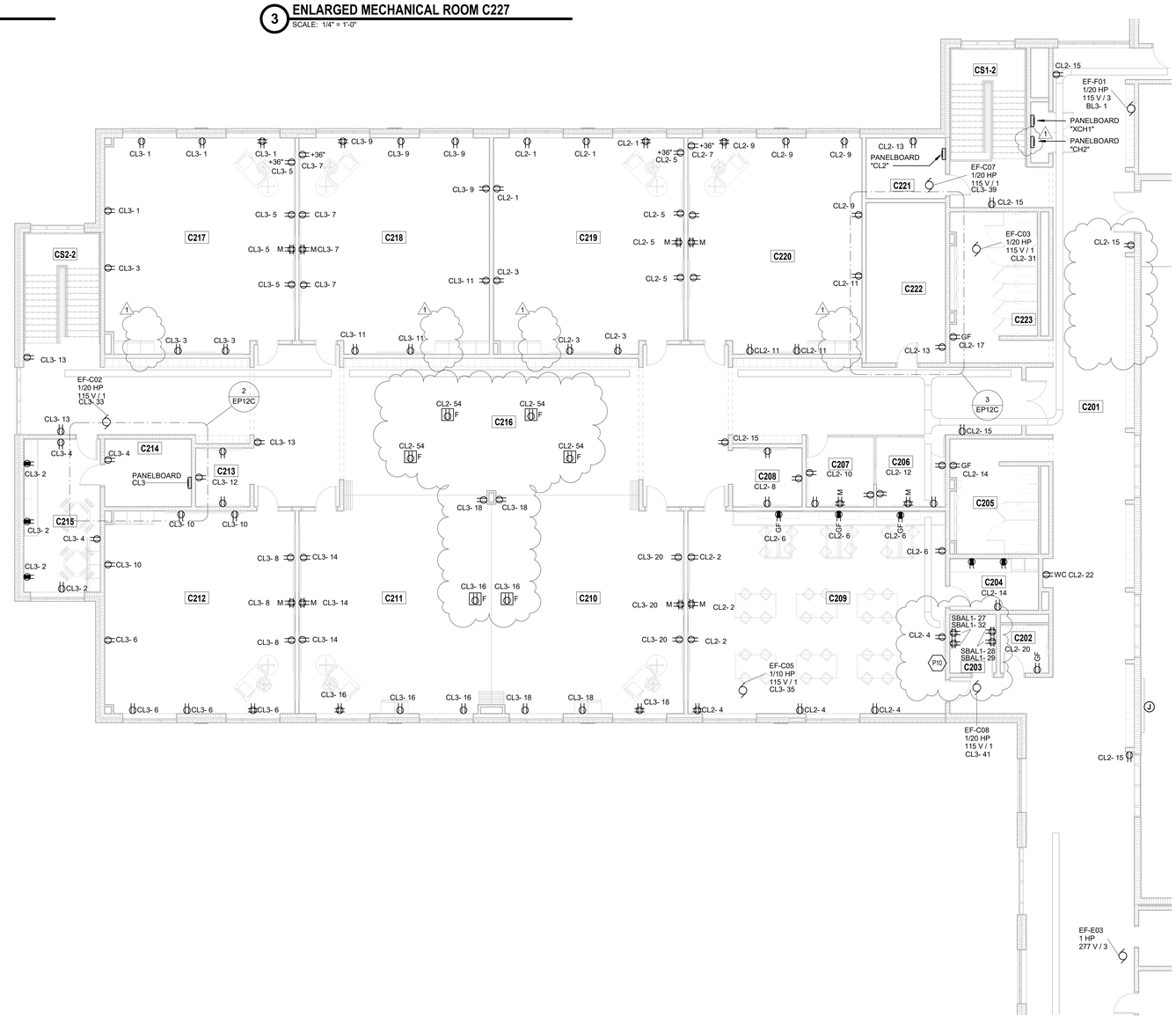
SCALE: 1/4" = 1'-0"

1 ITEMS REVISED ON ALL POWER PLANS FOR ADDENDUM NO.2

1. TURNED FLOOR LINES OFF FOR CLARIFICATION.
2. TURNED STRUCTURAL OFF FOR CLARIFICATION.
3. TURNED MECHINICAL EQUIPTMENT ON ON ALL ENLARGED PLANS.

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
B202	UPPER MAIN HALL	1871 SF
C201	UPPER MAIN HALL	1343 SF
C202	RESTROOM	51 SF
C203	E / T	60 SF
C204	PREP	101 SF
C205	BOYS	217 SF
C206	SGI	109 SF
C207	SGI	107 SF
C208	HUDDLE	90 SF
C209	SCIENCE	1147 SF
C210	CLASSROOM	889 SF
C211	CLASSROOM	889 SF
C212	CLASSROOM	843 SF
C213	HUDDLE	70 SF
C214	MECHANICAL	129 SF
C215	TEACHERS	258 SF
C216	COLLABORATION	2369 SF
C217	CLASSROOM	885 SF
C218	CLASSROOM	892 SF
C219	CLASSROOM	889 SF
C220	SPECIAL ED	814 SF
C221	CUSTODIAN	106 SF
C222	MECHANICAL	280 SF
C223	GIRLS	282 SF
C224	ELECTRICAL	24 SF
CS1-2	STAIR	293 SF
CS2-2	STAIR	227 SF
E201	MECHANICAL	1995 SF
E202	ELEVATOR EQUIPMENT	54 SF
F201	BALCONY	1137 SF
F202	MECHANICAL	543 SF
F203	MULTI-PURPOSE INSTRUCTION	1306 SF



SECOND FLOOR POWER PLAN UNIT C

SCALE: 1/8" = 1'-0"

SHEET KEYNOTES

P10	TECHNOLOGY RACK(IDF) RECEPTACLES. COORDINATE MOUNTING LOCATIONS AND INSTALLATION REQUIREMENTS WITH THE TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE #10 CONDUCTORS.

POWER PLAN GENERAL NOTES

1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
2. VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
4. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
5. PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
6. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
7. REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
8. REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
9. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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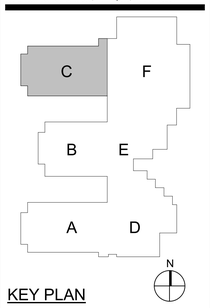

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE10100205 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

SECOND FLOOR POWER PLAN - UNIT C

EP12C

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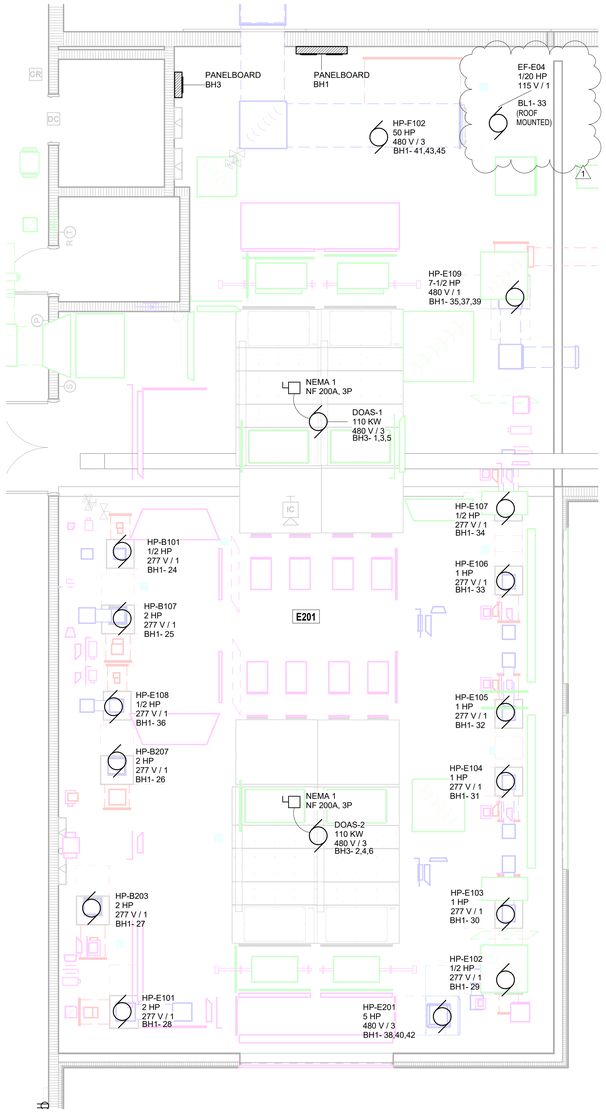
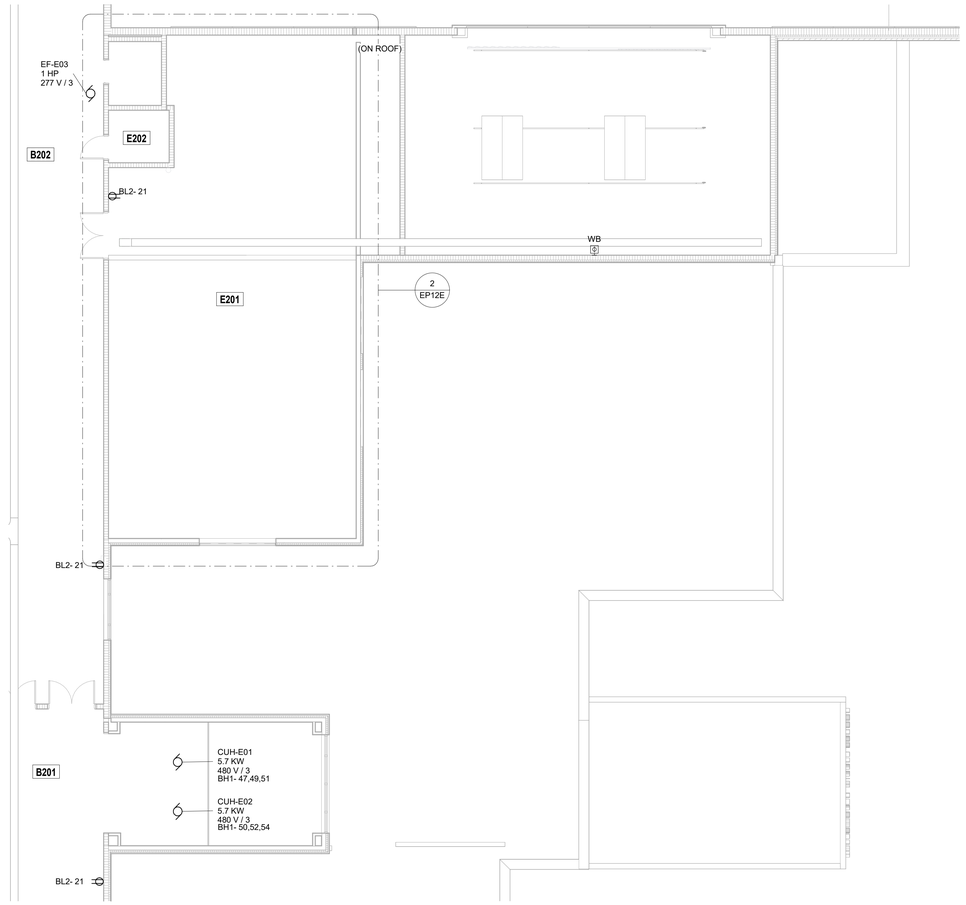


2 ENLARGED MECHANICAL ROOM E201

SCALE: 1/4" = 1'-0"



SECOND FLOOR POWER PLAN UNIT E

SCALE: 1/8" = 1'-0"

ITEMS REVISED ON ALL POWER PLANS FOR ADDENDUM NO.2

1. TURNED FLOOR LINES OFF FOR CLARIFICATION.
2. TURNED STRUCTURAL OFF FOR CLARIFICATION.
3. TURNED MECHINICAL EQUIPTMENT ON ON ALL ENLARGED PLANS.

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
A201	UPPER MAIN HALL	1885 SF
B201	UPPER MAIN HALL	398 SF
B202	UPPER MAIN HALL	1871 SF
E201	MECHANICAL	1995 SF
E202	ELEVATOR EQUIPMENT	54 SF

POWER PLAN GENERAL NOTES

1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
2. VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
4. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
5. PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
6. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
7. REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
8. REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
9. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.

SHEET KEYNOTES

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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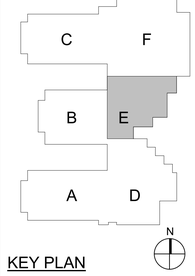

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

SECOND FLOOR POWER PLAN - UNIT E

EP12E

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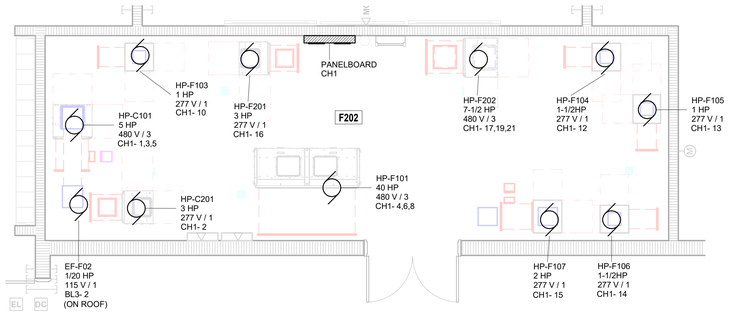
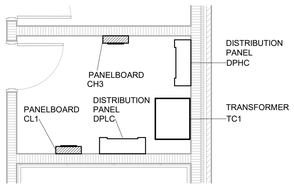


2 ENLARGED MECHANICAL ROOM F202

SCALE: 1/4" = 1'-0"



3 ENLARGED ELECTRICAL ROOM F206

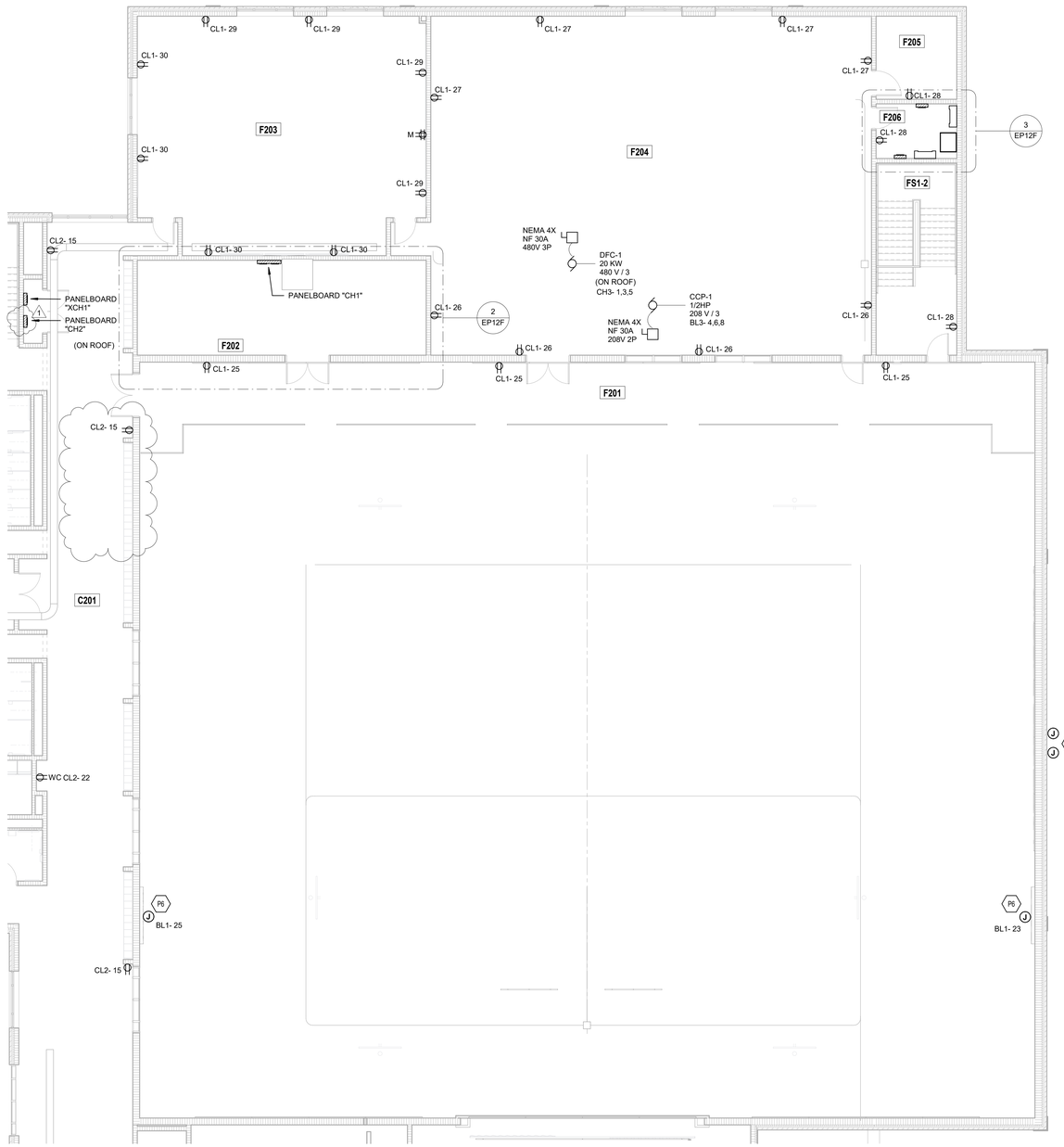
SCALE: 1/4" = 1'-0"

1 ITEMS REVISED ON ALL POWER PLANS FOR ADDENDUM NO.2

1. TURNED FLOOR LINES OFF FOR CLARIFICATION.
2. TURNED STRUCTURAL OFF FOR CLARIFICATION.
3. TURNED MECHINICAL EQUIPTMENT ON ON ALL ENLARGED PLANS.

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
B202	UPPER MAIN HALL	1871 SF
C201	UPPER MAIN HALL	1343 SF
C202	RESTROOM	51 SF
C204	PREP	101 SF
C205	BOYS	217 SF
C216	COLLABORATION	2369 SF
C223	GIRLS	282 SF
C224	ELECTRICAL	24 SF
CS1-2	STAIR	293 SF
E201	MECHANICAL	1995 SF
F201	BALCONY	1137 SF
F202	MECHANICAL	543 SF
F203	MULTI-PURPOSE INSTRUCTION	1306 SF
F204	FITNESS	2985 SF
F205	STORAGE	133 SF
F206	ELECTRICAL	87 SF
FS1-2	STAIR	307 SF



SECOND FLOOR POWER PLAN UNIT F

SCALE: 1/8" = 1'-0"

SHEET KEYNOTES

P6	WALL MOUNTED SCOREBOARD. CONNECT TO INDICATED CIRCUIT.
P7	EXTERIOR LIT SIGNS. CONNECT TO CIRCUITS CL2-21 AND CL2-23.

POWER PLAN GENERAL NOTES

1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
2. VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
4. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
5. PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
6. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
7. REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
8. REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
9. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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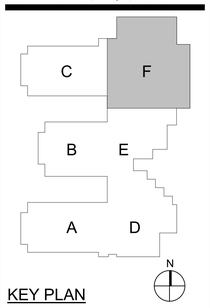

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE19900008 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

SECOND FLOOR POWER PLAN - UNIT F

EP12F

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FIRST FLOOR FIRE ALARM PLAN - UNIT A

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
A101	VESTIBULE	107 SF
A102	MAIN HALL	1968 SF
A103	GIRLS	217 SF
A104	HEAD END	151 SF
A105	MECHANICAL	159 SF
A106	SPECIAL EDUCATION	891 SF
A107	CLASSROOM	889 SF
A108	CLASSROOM	892 SF
A109	CLASSROOM	885 SF
A110	CORRIDOR	2370 SF
A111	TEACHERS	255 SF
A112	MECHANICAL	129 SF
A113	HUDDLE	70 SF
A114	CLASSROOM	843 SF
A115	CLASSROOM	889 SF
A116	CLASSROOM	889 SF
A117	SCIENCE	1148 SF
A118	HUDDLE	90 SF
A119	SGI	147 SF
A120	SENSORY	60 SF
A121	BOYS	217 SF
A122	PREP	137 SF
A123	BOOKSTORE	183 SF
AS1-1	STAIR	262 SF
AS2-1	STAIR	220 SF
B101	MAIN HALL	2209 SF
B103	MEDIA CENTER	1827 SF
B106	MEDIA CLASSROOM	1071 SF
B107	ART	1190 SF
D101	STORAGE	196 SF
D104	CORRIDOR	191 SF
D109	CUSTODIAL STAFF	112 SF
D110	CUSTODIAN	59 SF
D111	RESTROOM	70 SF
D121	KITCHEN / SERVING	2365 SF
D123	HYDROPONICS	301 SF
D124	CAFETERIA	4442 SF
D125	ALA CART	148 SF
E102	CORRIDOR	213 SF

FIRE ALARM PLAN GENERAL NOTES

1. QUANTITY AND LOCATION OF TAMPER AND FLOW SWITCHES IS FOR BIDDING PURPOSES ONLY. VERIFY EXACT QUANTITY AND LOCATIONS WITH SPRINKLER CONTRACTOR PRIOR TO FIRE ALARM SHOP DRAWING SUBMITTAL.

FIRE ALARM NOTES (X)

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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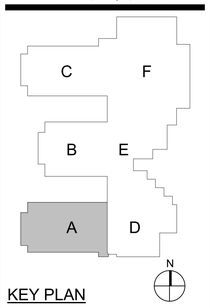

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE19800005 STATE OF PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

FIRST FLOOR FIRE ALARM PLAN - UNIT A

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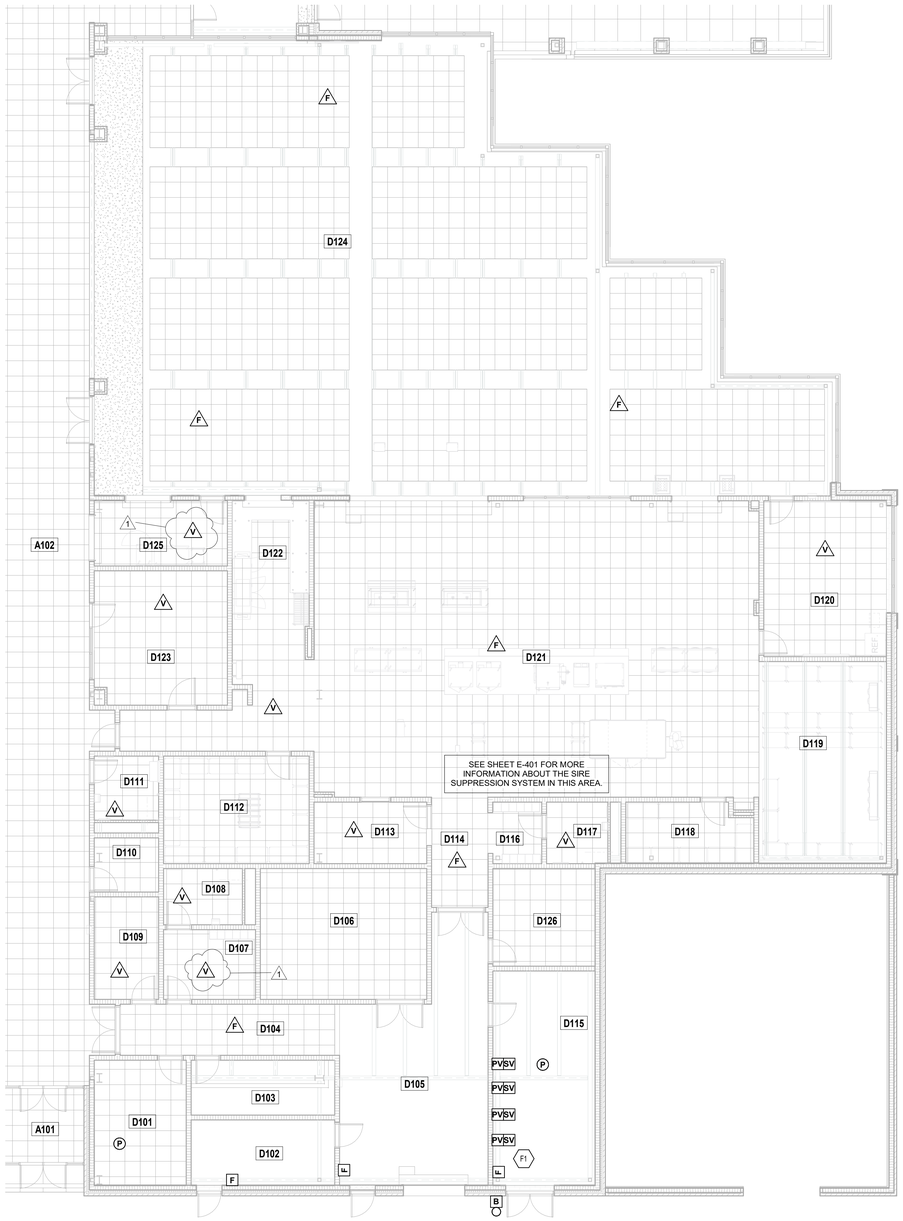

FIRST FLOOR FIRE ALARM PLAN - UNIT D

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
A101	VESTIBULE	107 SF
A102	MAIN HALL	1968 SF
B101	MAIN HALL	2209 SF
D101	STORAGE	196 SF
D102	ELECTRICAL	161 SF
D103	STORAGE	134 SF
D104	CORRIDOR	191 SF
D105	RECEIVING	547 SF
D106	STORAGE	370 SF
D107	LOCKERS	109 SF
D108	RESTROOM	76 SF
D109	CUSTODIAL STAFF	112 SF
D110	CUSTODIAN	69 SF
D111	RESTROOM	70 SF
D112	DRY STORAGE	267 SF
D113	OFFICE	118 SF
D114	CORRIDOR	106 SF
D115	BUILDING SERVICES	373 SF
D116	LOCKERS	55 SF
D117	RESTROOM	64 SF
D118	STORAGE	127 SF
D119	COOLER / FREEZER	439 SF
D120	FACULTY DINING	325 SF
D121	KITCHEN / SERVING	2365 SF
D122	DISHWASHING	240 SF
D123	HYDROPONICS	301 SF
D124	CAFETERIA	4442 SF
D125	ALA CART	148 SF
D126	STORAGE	170 SF
E101	VESTIBULE	260 SF
E102	CORRIDOR	213 SF

FIRE ALARM PLAN GENERAL NOTES

1. QUANTITY AND LOCATION OF TAMPER AND FLOW SWITCHES IS FOR BIDDING PURPOSES ONLY. VERIFY EXACT QUANTITY AND LOCATIONS WITH SPRINKLER CONTRACTOR PRIOR TO FIRE ALARM SHOP DRAWING SUBMITTAL.

FIRE ALARM NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

SHEET KEYNOTES

F1	PROVIDE A FIRE ALARM SYSTEM CONNECTION TO FLOW SWITCHES, TAMPER SWITCHES, AND SUPERVISORY VALVES ON FIRE PROTECTION SYSTEM RISER. PROVIDE A FIRE ALARM BELL AND WIRE TO THE MAIN FIRE ALARM SYSTEM. THE BELL IS TO RING IN THE EVENT OF WATER FLOW DETECTED BY THE FLOW SWITCHES OR SUPERVISORY VALVES IN THE FIRE SUPPRESSION SYSTEM.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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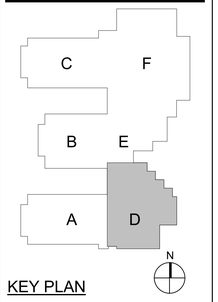

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE 10899 STATE OF PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

FIRST FLOOR FIRE ALARM PLAN - UNIT D

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FIRST FLOOR FIRE ALARM PLAN - UNIT E

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
A102	MAIN HALL	1968 SF
B101	MAIN HALL	2209 SF
B102	CORRIDOR	190 SF
B103	MEDIA CENTER	1927 SF
B118	GATHERING STAIR	419 SF
B119	ALTERNATIVE CLASSROOM	491 SF
B120	SRO OFFICE	105 SF
D134	CAFETERIA	4442 SF
E101	VESTIBULE	260 SF
E102	CORRIDOR	213 SF
E103	ATTENDANCE	164 SF
E104	MAIL	72 SF
E105	ADMIN RECEPTION	400 SF
E106	TREASURER	163 SF
E107	ASSISTANT PRINCIPAL	163 SF
E108	PRINCIPAL OFFICE	191 SF
E109	CORRIDOR	278 SF
E110	LARGE CONFERENCE	299 SF
E111	CORRIDOR	85 SF
E112	STAFF RR	57 SF
E113	STAFF RR	57 SF
E114	SMALL CONFERENCE	121 SF
E115	TECHNOLOGY	32 SF
E116	ELECTRICAL	34 SF
E117	WORK ROOM	222 SF
E118	FILES	119 SF
E119	RECEPTION	301 SF
E120	CORRIDOR	352 SF
E121	CLINIC	274 SF
E122	RESTROOM	64 SF
E123	CONFERENCE	158 SF
E124	GUIDANCE	160 SF
E125	GUIDANCE	161 SF
E126	GUIDANCE	159 SF
E127	IN-SCHOOL SUSPENSION	350 SF
E128	STAGE STORAGE	246 SF
E129	SOUND LIGHT ELEC	129 SF
E130	CLOSET	27 SF
E131	CORRIDOR	34 SF
E132	STAGE	1376 SF
E133	PE STORAGE	671 SF
E134	RAMP	120 SF
E135	CORRIDOR	38 SF
E136	FAMILY RR	64 SF
E137	CUSTODIAN	53 SF
F101	GYMNASIUM	12261 SF

FIRE ALARM PLAN GENERAL NOTES

1. QUANTITY AND LOCATION OF TAMPER AND FLOW SWITCHES IS FOR BIDDING PURPOSES ONLY. VERIFY EXACT QUANTITY AND LOCATIONS WITH SPRINKLER CONTRACTOR PRIOR TO FIRE ALARM SHOP DRAWING SUBMITTAL.

FIRE ALARM NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

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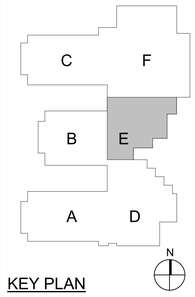

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

FIRST FLOOR FIRE ALARM PLAN - UNIT E

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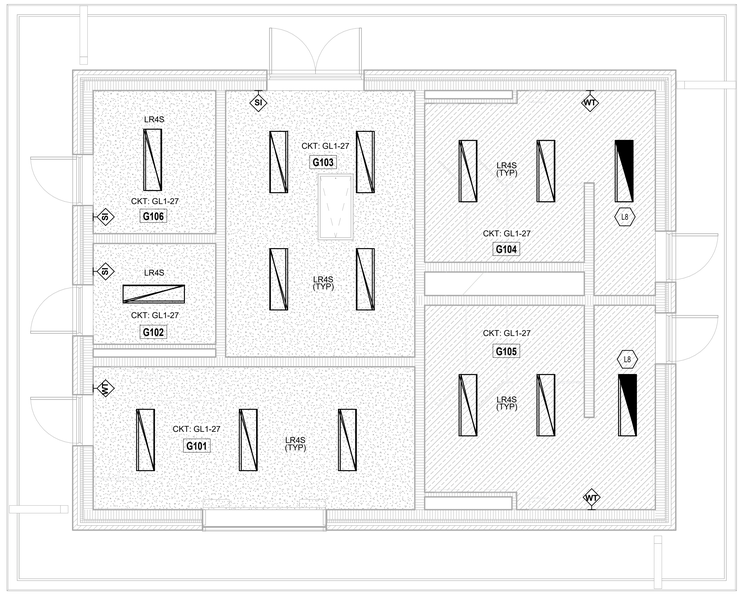
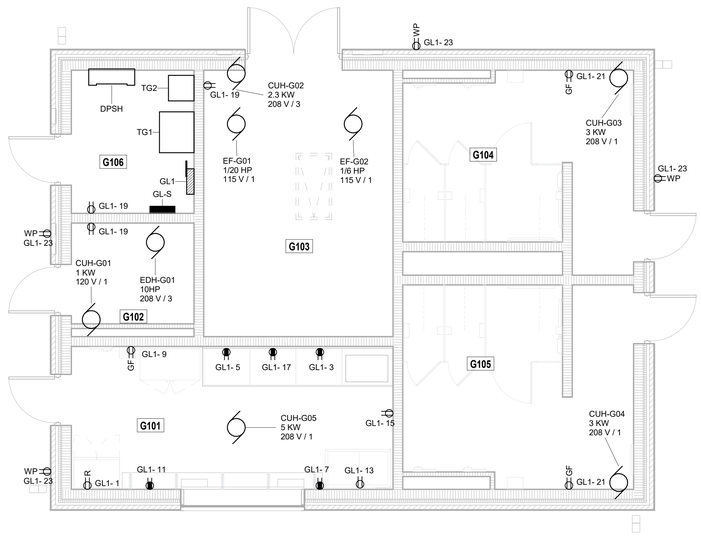


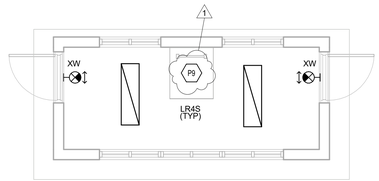
CONCESSION STANDING LIGHTING PLAN - UNIT G

SCALE: 1/4" = 1'-0"



CONCESSION STAND POWER PLANS - UNIT G

SCALE: 1/4" = 1'-0"

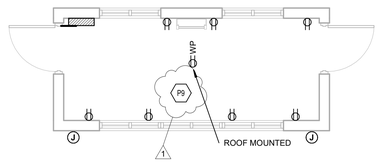


PRESSBOX LIGHTING PLAN - UNIT H

SCALE: 1/4" = 1'-0"

PRESSBOX LIGHTING PLAN - UNIT H

SCALE: 1/4" = 1'-0"



PRESSBOX POWER PLANS - UNIT H

SCALE: 1/4" = 1'-0"

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
G101	CONCESSIONS	196 SF
G102	CUSTODIAN	53 SF
G103	STORAGE	214 SF
G104	RESTROOM	169 SF
G105	RESTROOM	189 SF
G106	ELEC	75 SF

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINALCONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"1C/E-502".**
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

SHEET KEYNOTES

L8	PROVIDE BATTERY PACKS FOR INDICATED EMERGENCY FIXTURES IN THIS ROOM.
P9	ELECTRICAL DEVICES SHOWN IN PRESSBOX ARE SHOWN FOR LOCATION REFERENCE ONLY. ALL DEVICES ARE TO BE PROVIDED BY THE MODULAR PRESSBOX MANUFACTURER. REFER TO PROJECT MANUNAL SECTION 13 43 23 FOR ADDITIONAL REQUIREMENTS.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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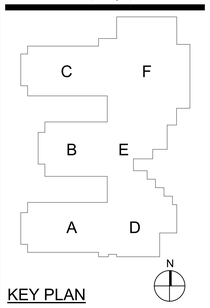

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

CONCESSION AND PRESSBOX PLANS - UNIT G AND H

E-402

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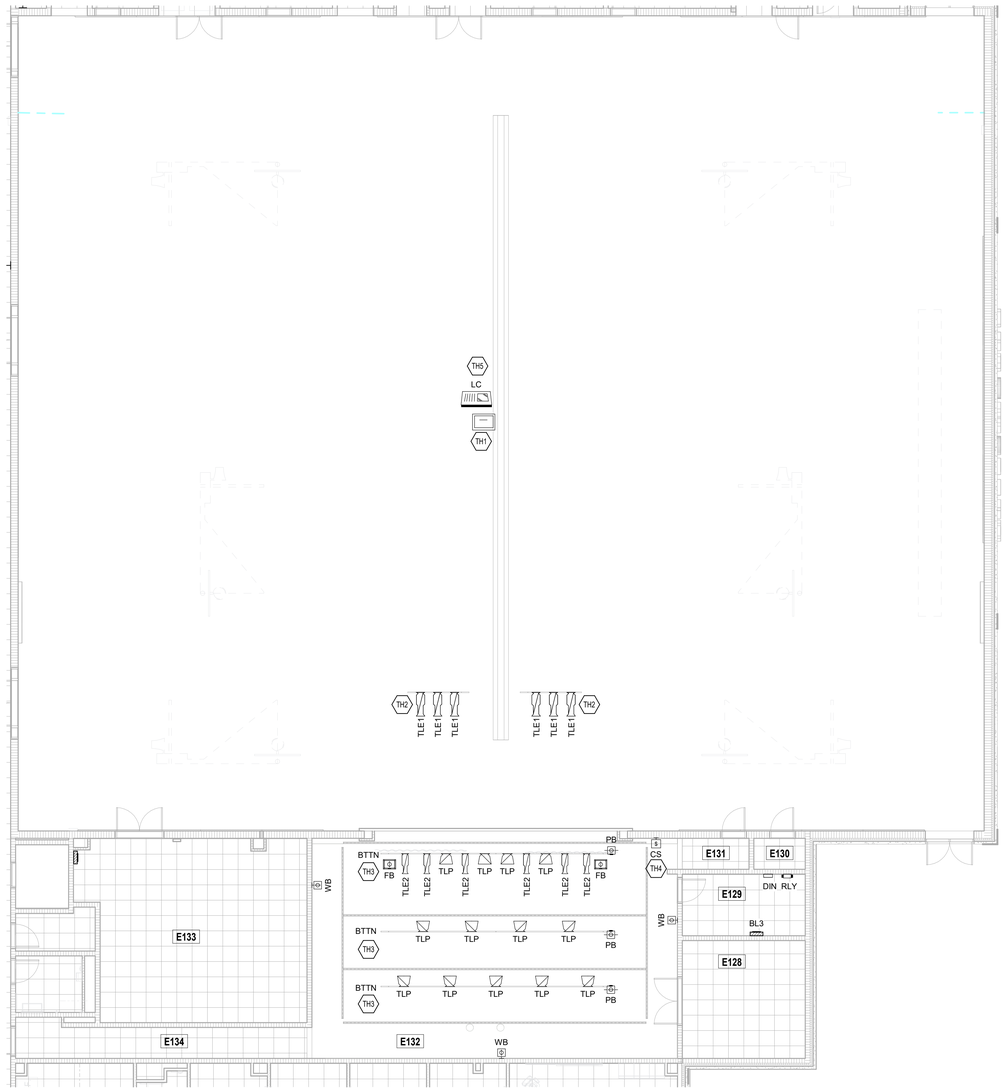

STAGE LIGHTING PLAN

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	ROOM NAME	AREA (SF)
B101	MAIN HALL	2209 SF
C101	MAIN HALL	1111 SF
E121	CLINIC	274 SF
E122	RESTROOM	64 SF
E123	CONFERENCE	158 SF
E124	GUIDANCE	160 SF
E125	GUIDANCE	161 SF
E126	GUIDANCE	159 SF
E127	IN-SCHOOL SUSPENSION	350 SF
E128	STAGE STORAGE	246 SF
E129	SOUND LIGHT ELEC	129 SF
E130	CLOSET	27 SF
E131	CORRIDOR	34 SF
E132	STAGE	1376 SF
E133	PE STORAGE	671 SF
E134	RAMP	120 SF
E135	CORRIDOR	38 SF
E136	FAMILY RR	64 SF
E137	CUSTODIAN	53 SF
F102	CORRIDOR	1209 SF
F103	GIRLS PE LOCKERS	542 SF
F107	CUSTODIAN	145 SF
F108	OFFICE	149 SF
F116	OFFICE	149 SF
F117	TRAINING	156 SF
F120	BOYS TEAM LOCKER	705 SF
F201	BALCONY	1137 SF

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINALCONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"1C/E-502"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

SHEET KEYNOTES

TH1	PROVIDE DMX INPUT IN GYM FLOOR BOX. SEE SHEET "EP12F" FOR LOCATION AND ADDITIONAL INFORMATION.
TH2	MOUNT ELLIPSOIDAL FIXTURES TO STRUCTURE AT A MINIMUM OF 26'-0" AFF. RUN ALL CABLES AND CONDUIT BELOW ROOF DECK WITH APPROPRIATE SUPPORTS.
TH3	PROVIDE SCHEDULE 40 PIPE BATTENS OF 30'-0" LENGTH TO BE HUNG AT 16'-0" AFF. SEE SPECIFICATIONS FOR MORE INFORMATION.
TH4	REFER TO THEATRICAL CONTROL DETAIL FOR MORE INFORMATION ON PRESETS.
TH5	LIGHTING CONSOLE TO BE STORED IN ROOM E129.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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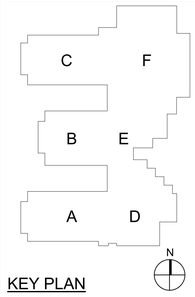

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE10000 STATE OF PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: ANE

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	Addendum No. 2	NOVEMBER 11, 2025

STAGE LIGHTING PLAN

E-403

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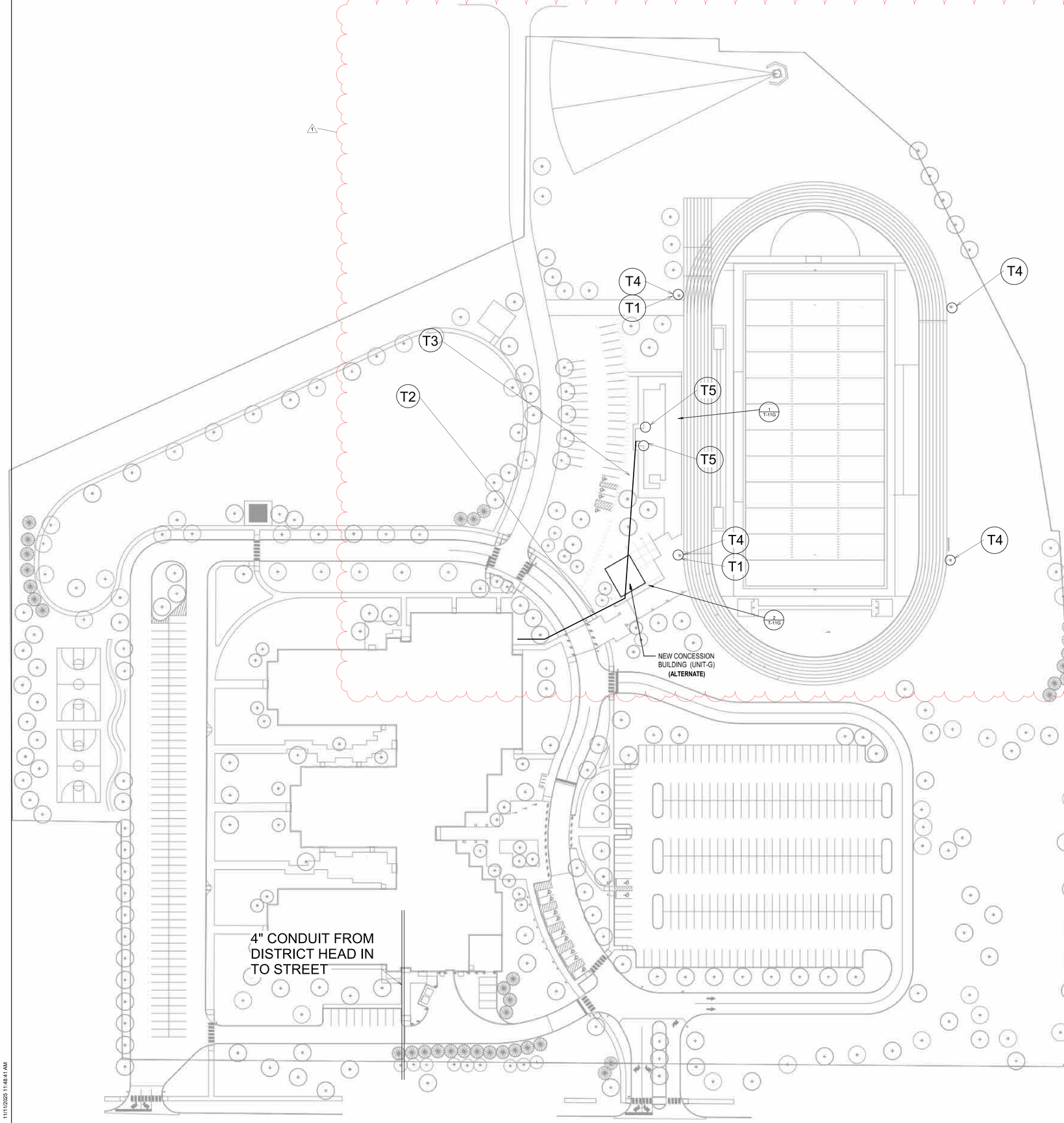

T1. LOUD SPEAKERS ON EXTERIOR ATHLETIC LIGHTING POLE. AS APRT OF THE ATHLETIC FIELD ATERNATE. PROVIDE ADEQUATE FOOTBALL STADIUM COVERAGE. FINAL LOCATION AND INSTALLATION REQUIREMENTS FOR FOUNDATION, POLE AND AUDIO EQUIPMENT PER A/E APPROVED DELEGATED DESIGN SHOP DRAWING SUBMITTAL. COORDINATE CONDUIT/ROUTING REQUIREMENTS OF OTHER SYSTEMS CONDUITS TO BE ROUTED UP IN POLE FOR OTHER SYSTEMS COMPONENTS. MOUNTED ON POLE WITH OTHER TRADES AS REQUIRED PRIOR TO INSTALLATION.

T2. PROVIDE ONE (1) 2" SCHEDULE 80 PVC CONDUITS AT A MINIMUM 15" DEEP DIRECT BURIED FROM MDF/IDF IN NEW MIDDLE SCHOOL TO CONCESSION BUILDING.STUB UP INTO CONCESSION S BUILDING TECH RACK. PROVIDE 6 STRAND OSP SINGLE MODE FIBER OPTIC CABLE.

ALTERNATE CONCESSIONS BUILDING NOT ACCEPTED. PROVIDE ONE (1) 2" SCHEDULE 80 PVC CONDUITS AT A MINIMUM 15" DEEP DIRECT BURIED FROM MDF/IDF IN NEW MIDDLE SCHOOL TO. STUB UP INTO PRESSBOX TECH RACK. PROVIDE 6 STRAND OSP SINGLE MODE FIBER OPTIC CABLE.

T3. PROVIDE ONE (1) 2" SCHEDULE 80 PVC CONDUITS AT A MINIMUM 15" DEEP DIRECT BURIED FROM CONCESSION BUILDING STUB OUT TO PRESSBOX PROVIDE 6 STRAND OSP SINGLE MODE FIBER OPTIC CABLE

T4. (ALTERNATE) LIGHTPOLE CAMERAS MOUNTED 5 FT BELOW SPEAKERS TO PROVIDE ADEQUATE COVERAGE
CAMERA HANWHA XNV-A9084R

T5. LOUD SPEAKERS ON EXTERIOR OF PRESSBOX. . PROVIDE ADEQUATE FOOTBALL STADIUM COVERAGE. FINAL LOCATION AND INSTALLATION REQUIREMENTS PER A/E APPROVED DELEGATED DESIGN SHOP DRAWING SUBMITTAL.

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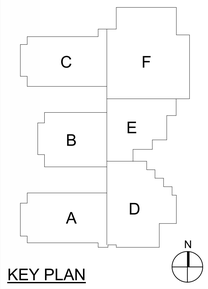

KEY PLAN

Construction Documents

BRIAN W. BUTLER
REGISTERED
No.
PE19800028
STATE OF
INDIANA
PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

TECHNOLOGY SITE PLAN

TS101

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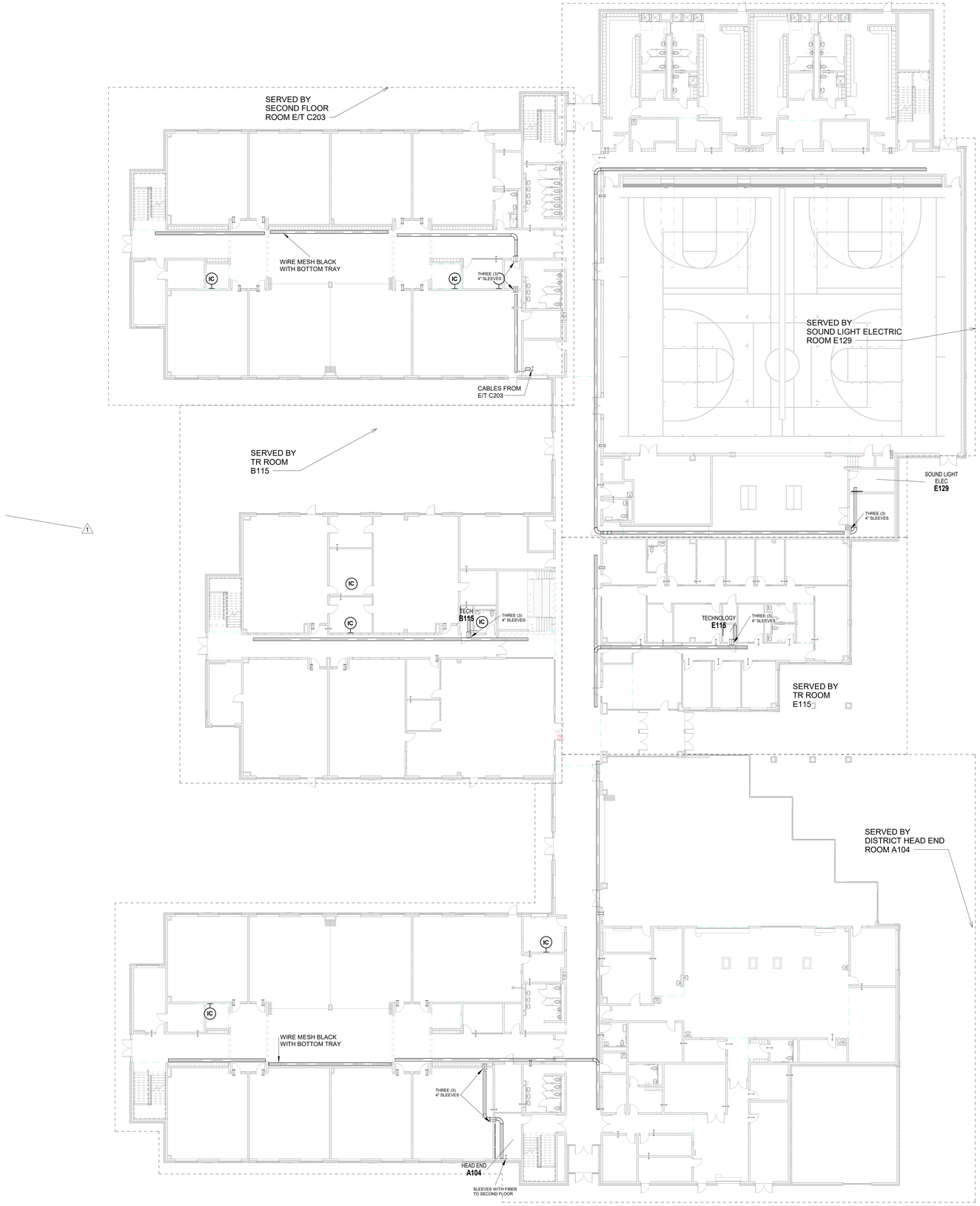

1 FIRST FLOOR OVERALL CABLE TRAY AND SLEEVE PLAN

SCALE: 1/16" = 1'-0"

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ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
FIRST FLOOR			
A101	-	VESTIBULE	107 SF
A102	B100	MAIN HALL	1968 SF
A103	B109	GIRLS	217 SF
A104	B111	HEAD END	151 SF
A105	C102	MECHANICAL	159 SF
A106	C104	SPECIAL EDUCATION	891 SF
A107	C108	CLASSROOM	889 SF
A108	C110	CLASSROOM	892 SF
A109	C112	CLASSROOM	885 SF
A110	C100	CORRIDOR	2370 SF
A111	C114	TEACHERS	255 SF
A112	C114A	MECHANICAL	129 SF
A113	C113	HUDDLE	70 SF
A114	C111	CLASSROOM	843 SF
A115	C109	CLASSROOM	889 SF
A116	C107	CLASSROOM	889 SF
A117	C106	SCIENCE	1148 SF
A118	C105	HUDDLE	90 SF
A119	C103	SGI	147 SF
A120	C101	SENSORY	60 SF
A121	B107	BOYS	217 SF
A122	C106A	PREP	137 SF
A123	B102	BOOKSTORE	183 SF
AS1-1	STAIR B	STAIR	262 SF
AS2-1	STAIR C	STAIR	220 SF
B101	A100	MAIN HALL	2209 SF
B102	A100	CORRIDOR	190 SF
B103	D101	MEDIA CENTER	1827 SF
B104	D101A	MEDIA OFFICE	123 SF
B105	D105	MEDIA WORKROOM	164 SF
B106	D106	MEDIA CLASSROOM	1071 SF
B107	D107	ART	1190 SF
B108	D107A	KILN / STORAGE	243 SF
B109	D100	CORRIDOR	913 SF
B110	D108	PLTW	1187 SF
B111	D104D	PLANNING	165 SF
B112	D104C	STORAGE	250 SF
B113	D104B	CLEAN LAB	192 SF
B114	D104	PLTW	1198 SF
B115	D103	TECH	43 SF
B116	D102	RESTROOM	63 SF
B117	D104A	STORAGE	154 SF
B118	STAIR A	GATHERING STAIR	419 SF
B119	A105	ALTERNATIVE CLASSROOM	491 SF
B120	A106	SRO OFFICE	105 SF
BS1-1	STAIR D	STAIR	208 SF
C101	A100	MAIN HALL	1111 SF
C102	A111	CONCESSION	183 SF
C103	E106A	PREP	130 SF
C104	A112	BOYS	217 SF
C105	E101	SENSORY	60 SF
C106	E103	SGI	147 SF
C107	E105	HUDDLE	90 SF
C108	E106	SCIENCE	1147 SF
C109	E107	CLASSROOM	889 SF
C110	E109	CLASSROOM	889 SF
C111	E111	CLASSROOM	843 SF
C112	E113	HUDDLE	70 SF
C113	E114A	MECHANICAL	129 SF
C114	E114	TEACHERS	255 SF
C115	E100	CORRIDOR	2370 SF
C116	E112	CLASSROOM	885 SF
C117	E110	CLASSROOM	892 SF
C118	E108	CLASSROOM	889 SF
C119	E104	APPLIED SKILLS	891 SF
C120	E104B	SENSORY	56 SF
C121	E104A	KITCHENETTE	119 SF
C122	E102	RESTROOM / SHOWER	103 SF
C123	A113	GIRLS	282 SF
C124	-	VESTIBULE	116 SF
CS1-1	STAIR F	STAIR	262 SF
CS2-1	STAIR E	STAIR	220 SF
D101	B110B	STORAGE	196 SF
D102	B110J	ELECTRICAL	161 SF
D103	B110E	STORAGE	134 SF
D104	B110	CORRIDOR	191 SF
D105	B110	RECEIVING	547 SF
D106	B110F	STORAGE	370 SF
D107	B110C	LOCKERS	109 SF
D108	B110D	RESTROOM	76 SF
D109	B110A	CUSTODIAL STAFF	112 SF
D110	B108	CUSTODIAN	59 SF
D111	B106	RESTROOM	70 SF
D112	B104B	DRY STORAGE	267 SF
D113	B104C	OFFICE	118 SF
D114	B104	CORRIDOR	106 SF
D115	B110H	BUILDING SERVICES	373 SF
D116	B105	LOCKERS	55 SF
D117	B104D	RESTROOM	64 SF
D118	B104E	STORAGE	127 SF
D119	B104F	COOLER / FREEZER	439 SF
D120	B101B	FACULTY DINING	325 SF
D121	B104	KITCHEN / SERVING	2365 SF
D122	B104A	DISHWASHING	240 SF
D123	B103	HYDROPONICS	301 SF
D124	B101	CAFETERIA	4442 SF
D125	B101A	ALA CART	148 SF
D126	B110G	STORAGE	170 SF
E101	-	VESTIBULE	269 SF
E102	-	CORRIDOR	213 SF
E103	A101	ATTENDANCE	164 SF
E104	A102	MAIL	72 SF
E105	A101	ADMIN RECEPTION	400 SF
E106	A101A	TREASURER	163 SF
E107	A101B	ASSISTANT PRINCIPAL	163 SF
E108	A101C	PRINCIPAL OFFICE	191 SF
E109	-	CORRIDOR	278 SF
E110	A101H	LARGE CONFERENCE	289 SF
E111	-	CORRIDOR	85 SF
E112	A101G	STAFF RR	57 SF
E113	A103H	STAFF RR	57 SF
E114	A101F	SMALL CONFERENCE	121 SF
E115	A101E	TECHNOLOGY	32 SF
E116	A103G	ELECTRICAL	34 SF
E117	A101D	WORK ROOM	222 SF
E118	A103F	FILES	119 SF
E119	A103	RECEPTION	301 SF
E120	-	CORRIDOR	352 SF
E121	A104	CLINIC	274 SF
E122	A104A	RESTROOM	64 SF
E123	A103A	CONFERENCE	158 SF
E124	A103B	GUIDANCE	160 SF
E125	A103C	GUIDANCE	161 SF
E126	A103D	GUIDANCE	159 SF
E127	A103E	IN-SCHOOL SUSPENSION	350 SF
E128	A107A	STAGE STORAGE	246 SF
E129	A107B	SOUND LIGHT ELEC	129 SF
E130	A110B	CLOSET	27 SF
E131	-	CORRIDOR	34 SF
E132	A107	STAGE	1376 SF
E133	A110A	PE STORAGE	671 SF
E134	-	RAMP	120 SF
E135	-	CORRIDOR	38 SF
E136	A108	FAMILY RR	64 SF
E137	A109	CUSTODIAN	53 SF
F101	A110	GYMNASIUM	12261 SF
F102	-	CORRIDOR	1209 SF
F103	A114	GIRLS PE LOCKERS	542 SF
F104	A114A	RESTROOM	178 SF
F105	A116A	ATHLETIC STORAGE	78 SF
F106	-	CORRIDOR	122 SF
F107	A115	CUSTODIAN	145 SF
F108	A116	OFFICE	149 SF
F109	A116B	TOILET	73 SF
F110	A117A	RESTROOM	175 SF
F111	A117	GIRLS TEAM LOCKERS	695 SF
F112	A118	BOYS PE LOCKERS	543 SF
F113	A118A	RESTROOM	175 SF
F114	A119A	ATHLETIC STORAGE	78 SF
F115	-	CORRIDOR	136 SF
F116	A119	OFFICE	149 SF
F117	A120	TRAINING	156 SF
F118	A119B	TOILET	73 SF
F119	A121A	RESTROOM	175 SF
F120	A121	BOYS TEAM LOCKER	705 SF
F121	A122	MECHANICAL	228 SF
FS1-1	STAIR G	STAIR	265 SF

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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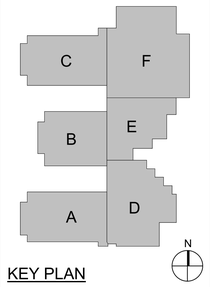


KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE 10000 STATE OF PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

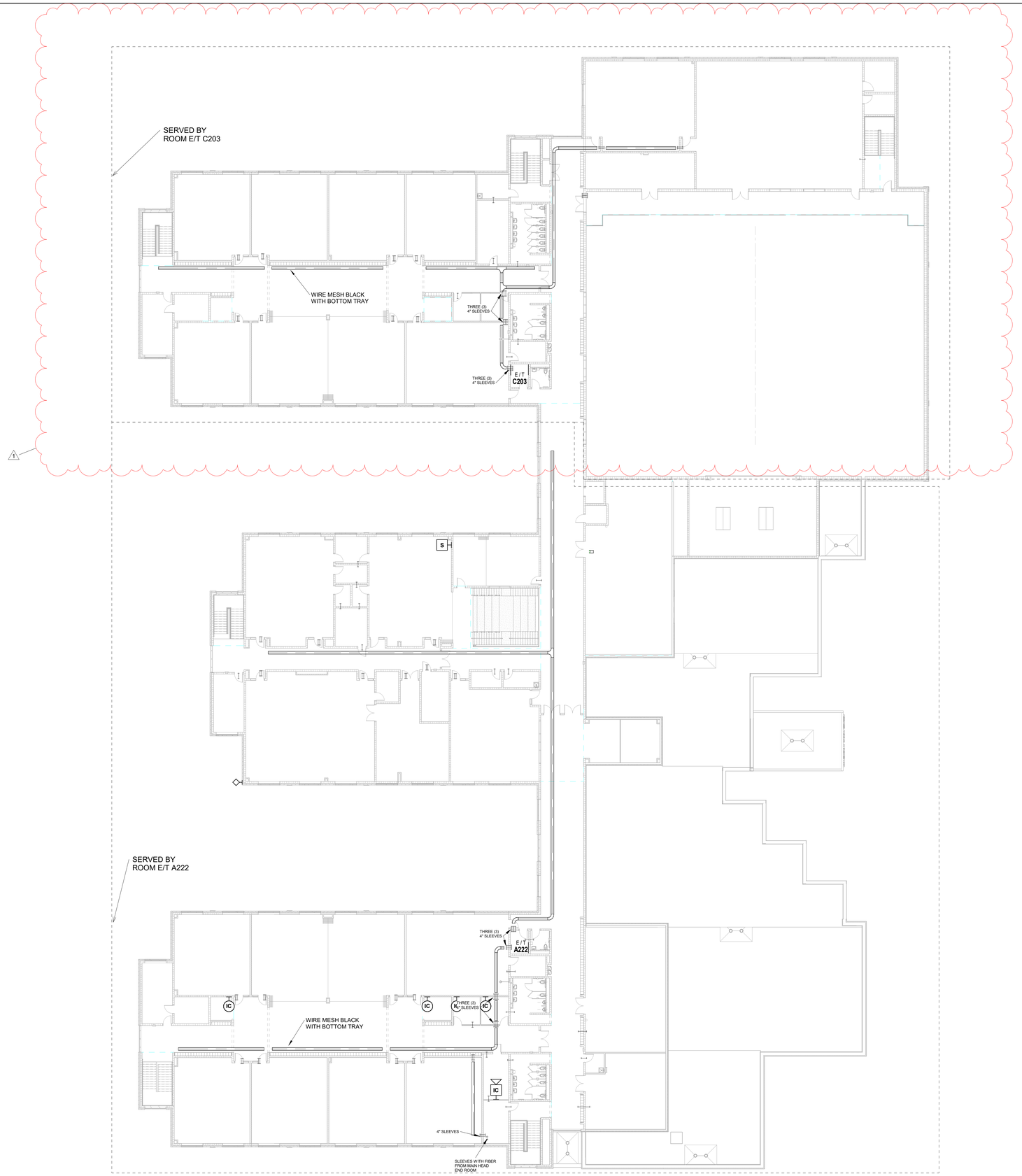
PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

OVERALL FIRST FLOOR CABLE TRAY AND SLEEVE PLAN

T-103



1 **SECOND FLOOR OVERALL CABLE TRAY AND SLEEVE PLAN**
SCALE: 1/16" = 1'-0"

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
SECOND FLOOR			
A201	B200	UPPER MAIN HALL	1885 SF
A202	B206	GIRLS	217 SF
A203	B208	STORAGE	151 SF
A204	C202	MECHANICAL	159 SF
A205	C204	SPECIAL ED	891 SF
A206	C208	CLASSROOM	889 SF
A207	C210	CLASSROOM	892 SF
A208	C212	CLASSROOM	885 SF
A209	C200	COLLABORATION	2366 SF
A210	C214	TEACHERS	258 SF
A211	C214A	MECHANICAL	129 SF
A212	C213	HUDDLE	73 SF
A213	C211	CLASSROOM	843 SF
A214	C209	CLASSROOM	889 SF
A215	C207	CLASSROOM	889 SF
A216	C206	SCIENCE	1147 SF
A217	C205	HUDDLE	93 SF
A218	C203	SGI	107 SF
A219	C201	SGI	109 SF
A220	B204	BOYS	217 SF
A221	C206A	PREP	101 SF
A222	B202	E / T	60 SF
A223	B201	RESTROOM	52 SF
AS1-2	STAIR B	STAIR	293 SF
AS2-2	STAIR C	STAIR	227 SF
B201	B200	UPPER MAIN HALL	398 SF
B202	A200	UPPER MAIN HALL	1871 SF
B203	A200	CORRIDOR	318 SF
B204	D201	MULTI-PURPOSE INSTRUCTION	1131 SF
B205	D205	MECHANICAL	195 SF
B206	D206	INSTRUMENTS	765 SF
B207	D207A	PRACTICE	95 SF
B208	D207	BAND	1902 SF
B209	D209	ENSEMBLE	247 SF
B210	D200	CORRIDOR	843 SF
B211	D208	ORCHESTRA	1271 SF
B212	D208C	STORAGE	120 SF
B213	D208B	PRACTICE	81 SF
B214	D208A	PRACTICE	46 SF
B215	D204A	PRACTICE	46 SF
B216	D200C	MECHANICAL	173 SF
B217	D204	VOCAL	1202 SF
B218	STAIR A	GATHERING STAIR	146 SF
B219	D203	SGI	223 SF
B220	D202	SGI	358 SF
B221	D200B	ELECTRICAL	69 SF
B222	D200A	CUSTODIAN	81 SF
BS1-2	STAIR D	STAIR	216 SF
C201	A200	UPPER MAIN HALL	1343 SF
C202	A203	RESTROOM	51 SF
C203	A204	E / T	60 SF
C204	E206A	PREP	101 SF
C205	A205	BOYS	217 SF
C206	E201	SGI	109 SF
C207	E203	SGI	107 SF
C208	E205	HUDDLE	90 SF
C209	E206	SCIENCE	1147 SF
C210	E207	CLASSROOM	889 SF
C211	E209	CLASSROOM	889 SF
C212	E211	CLASSROOM	843 SF
C213	E213	HUDDLE	70 SF
C214	E214A	MECHANICAL	129 SF
C215	E214	TEACHERS	258 SF
C216	E200	COLLABORATION	2369 SF
C217	E212	CLASSROOM	885 SF
C218	E210	CLASSROOM	892 SF
C219	E208	CLASSROOM	889 SF
C220	E204	SPECIAL ED	814 SF
C221	A207	CUSTODIAN	106 SF
C222	E202	MECHANICAL	280 SF
C223	A206	GIRLS	282 SF
C224	A208	ELECTRICAL	24 SF
CS1-2	STAIR F	STAIR	293 SF
CS2-2	STAIR E	STAIR	227 SF
D201	B207	STORAGE	6048 SF
D202	B205	CUSTODIAN	51 SF
D203	B203	MECHANICAL	1413 SF
E201	A201	MECHANICAL	1995 SF
E202	A202	ELEVATOR EQUIPMENT	54 SF
F201	A212	BALCONY	1137 SF
F202	A210	MECHANICAL	543 SF
F203	A209	MULTI-PURPOSE INSTRUCTION	1306 SF
F204	A211	FITNESS	2985 SF
F205	A211A	STORAGE	133 SF
F206	A211B	ELECTRICAL	87 SF
FS1-2	STAIR G	STAIR	307 SF

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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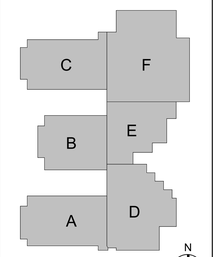

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE10800005 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

OVERALL SECOND FLOOR CABLE TRAY AND SLEEVE PLAN

T-104

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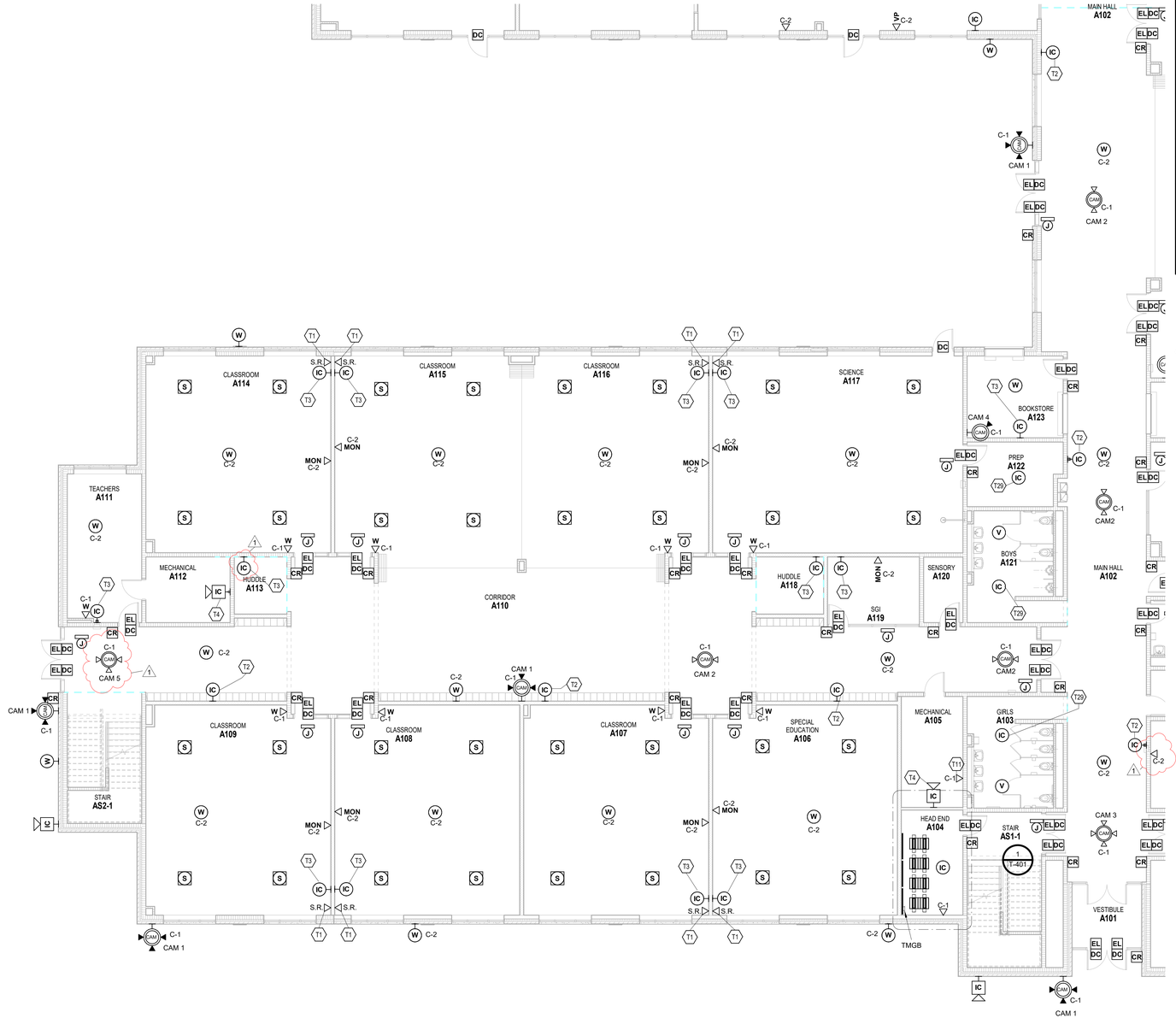

1 **FIRST FLOOR TECHNOLOGY PLAN - UNIT A**
SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
FIRST FLOOR			
A101	-	VESTIBULE	107 SF
A102	B100	MAIN HALL	1968 SF
A103	B109	GIRLS	217 SF
A104	B111	HEAD END	151 SF
A105	C102	MECHANICAL	159 SF
A106	C104	SPECIAL EDUCATION	891 SF
A107	C108	CLASSROOM	889 SF
A108	C110	CLASSROOM	892 SF
A109	C112	CLASSROOM	885 SF
A110	C100	CORRIDOR	2370 SF
A111	C114	TEACHERS	255 SF
A112	C114A	MECHANICAL	129 SF
A113	C113	HUDDLE	70 SF
A114	C111	CLASSROOM	843 SF
A115	C109	CLASSROOM	889 SF
A116	C107	CLASSROOM	889 SF
A117	C106	SCIENCE	1148 SF
A118	C105	HUDDLE	90 SF
A119	C103	SGI	147 SF
A120	C101	SENSORY	60 SF
A121	B107	BOYS	217 SF
A122	C106A	PREP	137 SF
A123	B102	BOOKSTORE	183 SF
AS1-1	STAIR B	STAIR	262 SF
AS2-1	STAIR C	STAIR	220 SF
B101	A100	MAIN HALL	2209 SF
B103	D101	MEDIA CENTER	1827 SF
B106	D106	MEDIA CLASSROOM	1071 SF
B107	D107	ART	1190 SF
D101	B110B	STORAGE	196 SF
D109	B110A	CUSTODIAL STAFF	112 SF
D110	B108	CUSTODIAN	59 SF
D111	B106	RESTROOM	70 SF
D123	B103	HYDROPONICS	301 SF
D124	B101	CAFETERIA	4442 SF
D125	B101A	ALA CART	148 SF

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T1	SOUND REINFORCEMENT SYSTEM. WALLPLATE AT 48" SEE DETAIL 3/T-502.
T2	ALGO 8420 IP DUAL SIDED CLOCK SPEAKER IN COMMON HALLWAYS
T3	ALGO 8410 IP DISPLAY SPEAKER IN CLASSROOMS AND OFFICES
T4	ALGO 8196 IP HORN SPEAKER
T11	PROVIDE DATA CABLE(S) FOR TEMP. CONTROL PANELS. VERIFY EXACT LOCATION WITH TEMP. CONTROL CONTRACTOR.
T29	ALGO 8198 IP CEILING SPEAKER WITH ALGO 8138 IP COLOR VISUAL ALERTER (TYPICAL)

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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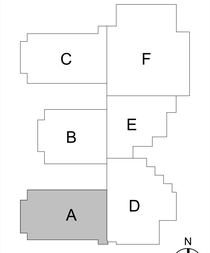

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE19800035 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

FIRST FLOOR TECHNOLOGY PLAN - UNIT A

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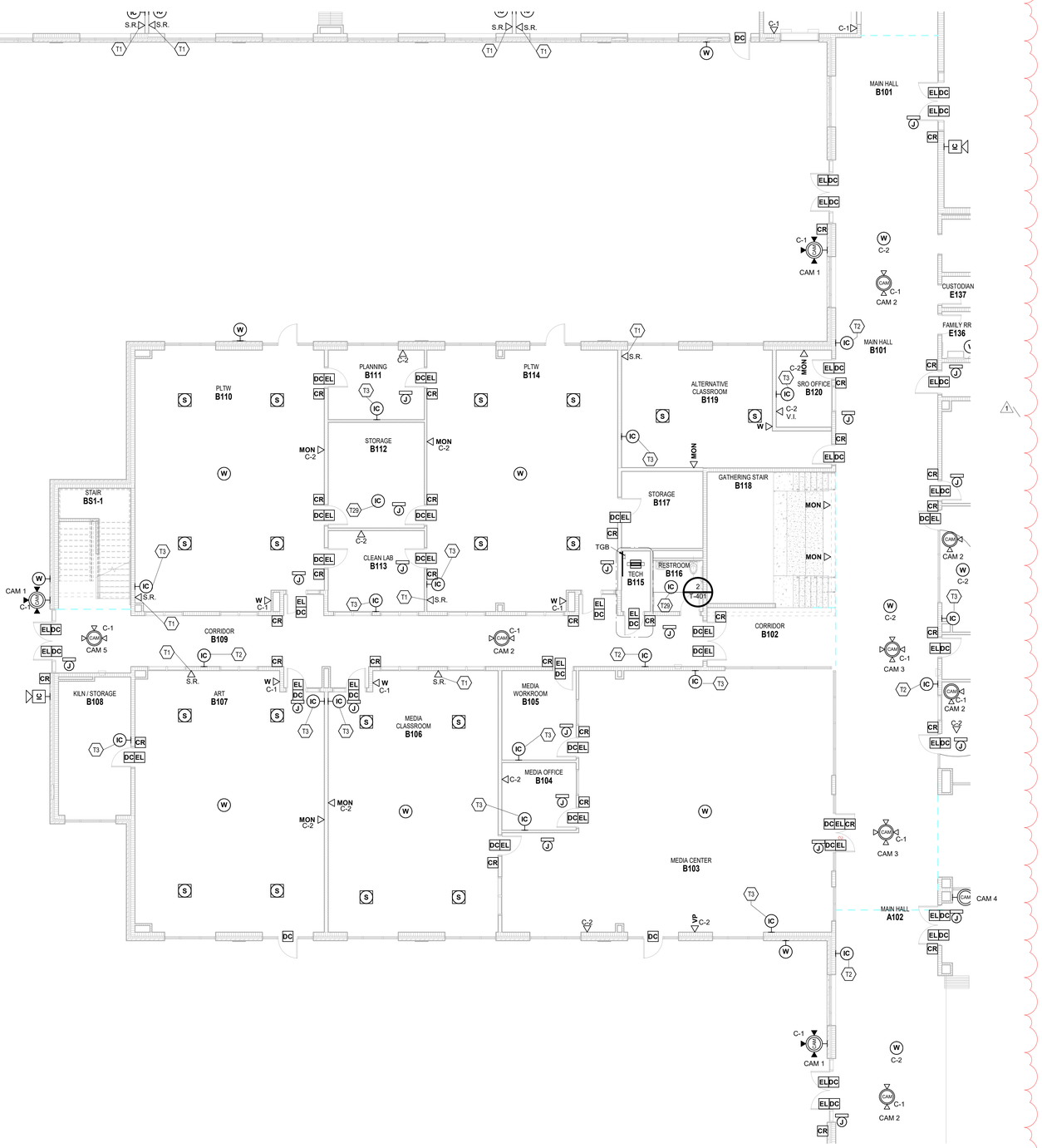

1 FIRST FLOOR TECHNOLOGY PLAN - UNIT B

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
FIRST FLOOR			
A102	B100	MAIN HALL	1968 SF
B101	A100	MAIN HALL	2209 SF
B102	A100	CORRIDOR	190 SF
B103	D101	MEDIA CENTER	1827 SF
B104	D101A	MEDIA OFFICE	123 SF
B105	D105	MEDIA WORKROOM	164 SF
B106	D106	MEDIA CLASSROOM	1071 SF
B107	D107	ART	1190 SF
B108	D107A	KILN / STORAGE	243 SF
B109	D100	CORRIDOR	913 SF
B110	D108	PLTW	1187 SF
B111	D104D	PLANNING	165 SF
B112	D104C	STORAGE	250 SF
B113	D104B	CLEAN LAB	192 SF
B114	D104	PLTW	1198 SF
B115	D103	TECH	43 SF
B116	D102	RESTROOM	63 SF
B117	D104A	STORAGE	154 SF
B118	STAIR A	GATHERING STAIR	419 SF
B119	A105	ALTERNATIVE CLASSROOM	491 SF
B120	A106	SRO OFFICE	105 SF
BS1-1	STAIR D	STAIR	208 SF
C101	A100	MAIN HALL	1111 SF
C102	A111	CONCESSION	183 SF
C108	E106	SCIENCE	1147 SF
C109	E107	CLASSROOM	889 SF
C110	E109	CLASSROOM	889 SF
C111	E111	CLASSROOM	843 SF
D124	B101	CAFETERIA	4442 SF
E102	-	CORRIDOR	213 SF
E103	A101	ATTENDANCE	164 SF
E104	A102	MAIL	72 SF
E119	A103	RECEPTION	301 SF
E121	A104	CLINIC	274 SF
E135	-	CORRIDOR	38 SF
E136	A108	FAMILY RR	64 SF
E137	A109	CUSTODIAN	53 SF
F101	A110	GYMNASIUM	12261 SF

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T1	SOUND REINFORCEMENT SYSTEM. WALLPLATE AT 48" SEE DETAIL 3/T-502.
T2	ALGO 8420 IP DUAL SIDED CLOCK SPEAKER IN COMMON HALLWAYS
T3	ALGO 8410 IP DISPLAY SPEAKER IN CLASSROOMS AND OFFICES
T29	ALGO 8198 IP CEILING SPEAKER WITH ALGO 8138 IP COLOR VISUAL ALERTER (TYPICAL)

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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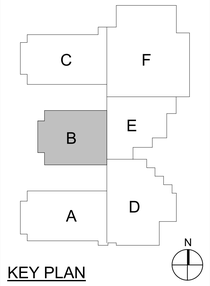

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE19800026 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

FIRST FLOOR TECHNOLOGY PLAN - UNIT B

T-11B

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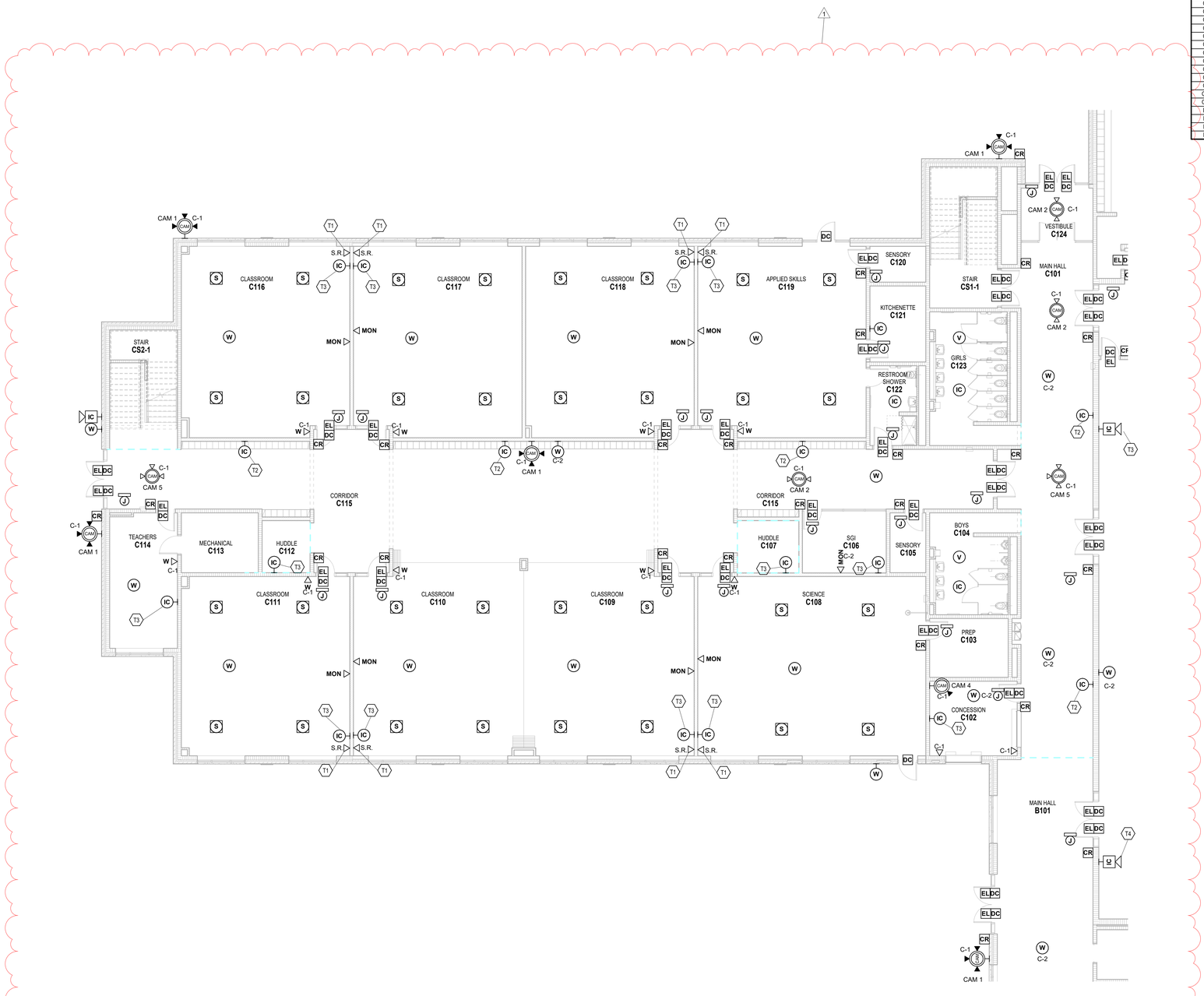
ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
FIRST FLOOR			
B101	A100	MAIN HALL	2209 SF
C101	A100	MAIN HALL	1111 SF
C102	A111	CONCESSION	183 SF
C103	E106A	PREP	130 SF
C104	A112	BOYS	217 SF
C105	E101	SENSORY	60 SF
C106	E103	SGI	147 SF
C107	E105	HUDDLE	90 SF
C108	E106	SCIENCE	1147 SF
C109	E107	CLASSROOM	889 SF
C110	E109	CLASSROOM	889 SF
C111	E111	CLASSROOM	843 SF
C112	E113	HUDDLE	70 SF
C113	E114A	MECHANICAL	129 SF
C114	E114	TEACHERS	255 SF
C115	E100	CORRIDOR	2370 SF
C116	E112	CLASSROOM	886 SF
C117	E110	CLASSROOM	892 SF
C118	E108	CLASSROOM	889 SF
C119	E104	APPLIED SKILLS	891 SF
C120	E104B	SENSORY	56 SF
C121	E104A	KITCHENETTE	119 SF
C122	E102	RESTROOM / SHOWER	103 SF
C123	A113	GIRLS	282 SF
C124	-	VESTIBULE	116 SF
CS1-1	STAIR F	STAIR	262 SF
CS2-1	STAIR E	STAIR	220 SF
E137	A109	CUSTODIAN	53 SF
F101	A110	GYMNASIUM	12261 SF
F102	-	CORRIDOR	1209 SF
F103	A114	GIRLS PE LOCKERS	542 SF



1 FIRST FLOOR TECHNOLOGY PLAN - UNIT C

SCALE: 1/8" = 1'-0"

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T1	SOUND REINFORCEMENT SYSTEM. WALLPLATE AT 48" SEE DETAIL 3/T-502.
T2	ALGO 8420 IP DUAL SIDED CLOCK SPEAKER IN COMMON HALLWAYS
T3	ALGO 8410 IP DISPLAY SPEAKER IN CLASSROOMS AND OFFICES
T4	ALGO 8196 IP HORN SPEAKER

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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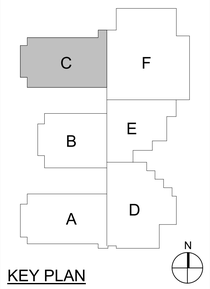

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE 10000 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

FIRST FLOOR TECHNOLOGY PLAN - UNIT C

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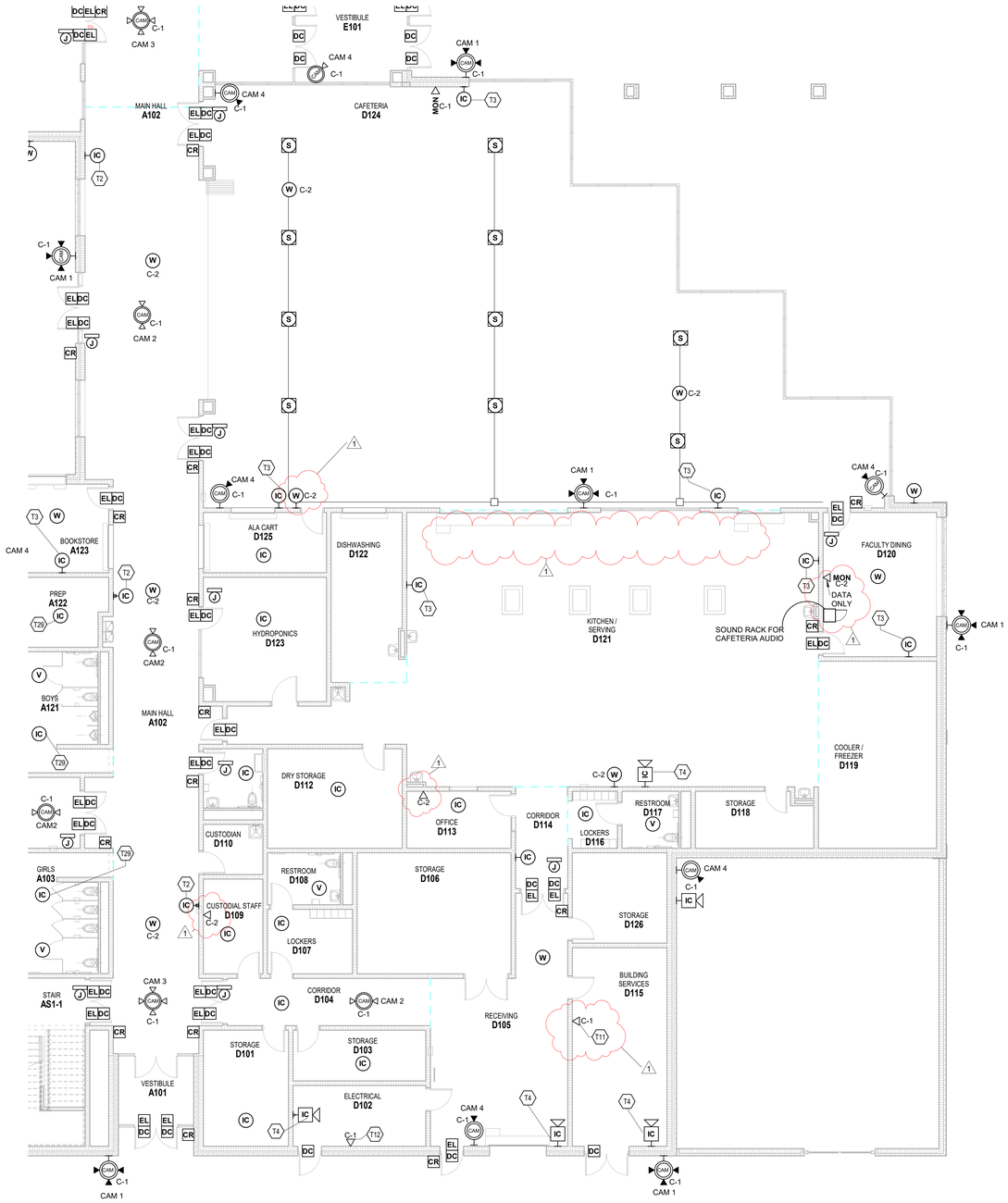

1 FIRST FLOOR TECHNOLOGY PLAN - UNIT D

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
FIRST FLOOR			
A101	-	VESTIBULE	107 SF
A102	B100	MAIN HALL	1968 SF
A103	B109	GIRLS	217 SF
A110	C100	CORRIDOR	2370 SF
A121	B107	BOYS	217 SF
A122	C106A	PREP	137 SF
A123	B102	BOOKSTORE	183 SF
AS1-1	STAIR B	STAIR	262 SF
B101	A100	MAIN HALL	2209 SF
B103	D101	MEDIA CENTER	1827 SF
D101	B110B	STORAGE	196 SF
D102	B110J	ELECTRICAL	161 SF
D103	B110E	STORAGE	134 SF
D104	B110	CORRIDOR	191 SF
D105	B110	RECEIVING	547 SF
D106	B110F	STORAGE	370 SF
D107	B110C	LOCKERS	109 SF
D108	B110D	RESTROOM	76 SF
D109	B110A	CUSTODIAL STAFF	112 SF
D110	B108	CUSTODIAN	59 SF
D111	B106	RESTROOM	70 SF
D112	B104B	DRY STORAGE	267 SF
D113	B104C	OFFICE	118 SF
D114	B104	CORRIDOR	106 SF
D115	B110H	BUILDING SERVICES	373 SF
D116	B105	LOCKERS	55 SF
D117	B104D	RESTROOM	64 SF
D118	B104E	STORAGE	127 SF
D119	B104F	COOLER / FREEZER	439 SF
D120	B101B	FACULTY DINING	325 SF
D121	B104	KITCHEN / SERVING	2365 SF
D122	B104A	DISHWASHING	240 SF
D123	B103	HYDROPONICS	301 SF
D124	B101	CAFETERIA	4442 SF
D125	B101A	ALA CART	148 SF
D126	B110G	STORAGE	170 SF
E101	-	VESTIBULE	260 SF
E102	-	CORRIDOR	213 SF

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T2	ALGO 8420 IP DUAL SIDED CLOCK SPEAKER IN COMMON HALLWAYS
T3	ALGO 8410 IP DISPLAY SPEAKER IN CLASSROOMS AND OFFICES
T4	ALGO 8196 IP HORN SPEAKER
T11	PROVIDE DATA CABLE(S) FOR TEMP. CONTROL PANELS. VERIFY EXACT LOCATION WITH TEMP. CONTROL CONTRACTOR.
T12	PROVIDE CABLES FOR FREEZER ALARM. VERIFY EXACT LOCATION WITH KITCHEN EQUIPMENT CONTRACTOR.
T29	ALGO 8198 IP CEILING SPEAKER WITH ALGO 8138 IP COLOR VISUAL ALERTER (TYPICAL)

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

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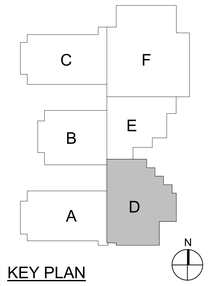

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

FIRST FLOOR TECHNOLOGY PLAN - UNIT D

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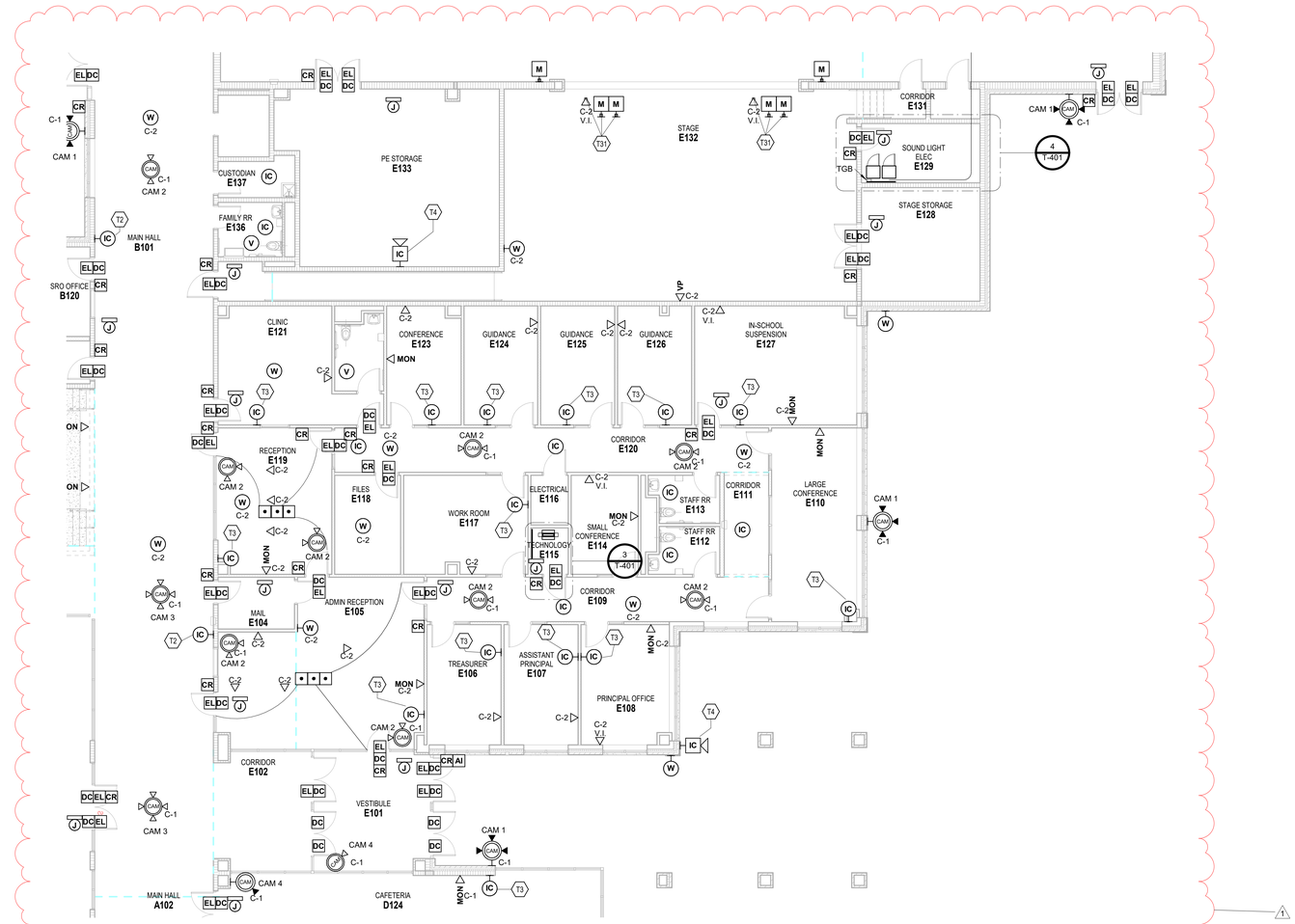

1 FIRST FLOOR TECHNOLOGY PLAN - UNIT E

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
FIRST FLOOR			
A102	B100	MAIN HALL	1968 SF
B101	A100	MAIN HALL	2209 SF
B102	A100	CORRIDOR	190 SF
B103	D101	MEDIA CENTER	1827 SF
B118	STAIR A	GATHERING STAIR	419 SF
B119	A105	ALTERNATIVE CLASSROOM	491 SF
B120	A106	SRO OFFICE	105 SF
D124	B101	CAFETERIA	4442 SF
E101	-	VESTIBULE	260 SF
E102	-	CORRIDOR	213 SF
E103	A101	ATTENDANCE	164 SF
E104	A102	MAIL	72 SF
E105	A101	ADMIN RECEPTION	400 SF
E106	A101A	TREASURER	163 SF
E107	A101B	ASSISTANT PRINCIPAL	163 SF
E108	A101C	PRINCIPAL OFFICE	191 SF
E109	-	CORRIDOR	278 SF
E110	A101H	LARGE CONFERENCE	299 SF
E111	-	CORRIDOR	85 SF
E112	A101G	STAFF RR	57 SF
E113	A103H	STAFF RR	57 SF
E114	A101F	SMALL CONFERENCE	121 SF
E115	A101E	TECHNOLOGY	32 SF
E116	A103G	ELECTRICAL	34 SF
E117	A101D	WORK ROOM	222 SF
E118	A103F	FILES	119 SF
E119	A103	RECEPTION	301 SF
E120	-	CORRIDOR	352 SF
E121	A104	CLINIC	274 SF
E122	A104A	RESTROOM	64 SF
E123	A103A	CONFERENCE	158 SF
E124	A103B	GUIDANCE	160 SF
E125	A103C	GUIDANCE	161 SF
E126	A103D	GUIDANCE	159 SF
E127	A103E	IN-SCHOOL SUSPENSION	350 SF
E128	A107A	STAGE STORAGE	246 SF
E129	A107B	SOUND LIGHT ELEC	129 SF
E130	A110B	CLOSET	27 SF
E131	-	CORRIDOR	34 SF
E132	A107	STAGE	1376 SF
E133	A110A	PE STORAGE	671 SF
E134	-	RAMP	120 SF
E135	-	CORRIDOR	38 SF
E136	A108	FAMILY RR	64 SF
E137	A109	CUSTODIAN	53 SF
F101	A110	GYMNASIUM	12261 SF

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T2	ALGO 8420 IP DUAL SIDED CLOCK SPEAKER IN COMMON HALLWAYS
T3	ALGO 8410 IP DISPLAY SPEAKER IN CLASSROOMS AND OFFICES
T4	ALGO 8196 IP HORN SPEAKER
T31	MIC XLR INPUTS, DATA CONNECTIONS AND HDMI IN THE FLUSH MOUNTED FLOOR POCKET SHOWN ON ELECTRICAL SHEET EP11F. MICS CONNECTED TO SOUND RACK IN E129. HDMI CONNECTED TO MATRIX SWITCHER FOR BACK OF STAGE PROJECTOR

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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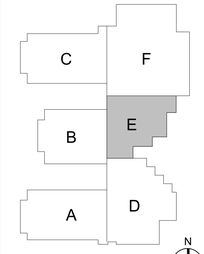

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE19800026 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

FIRST FLOOR TECHNOLOGY PLAN - UNIT E

T-11E

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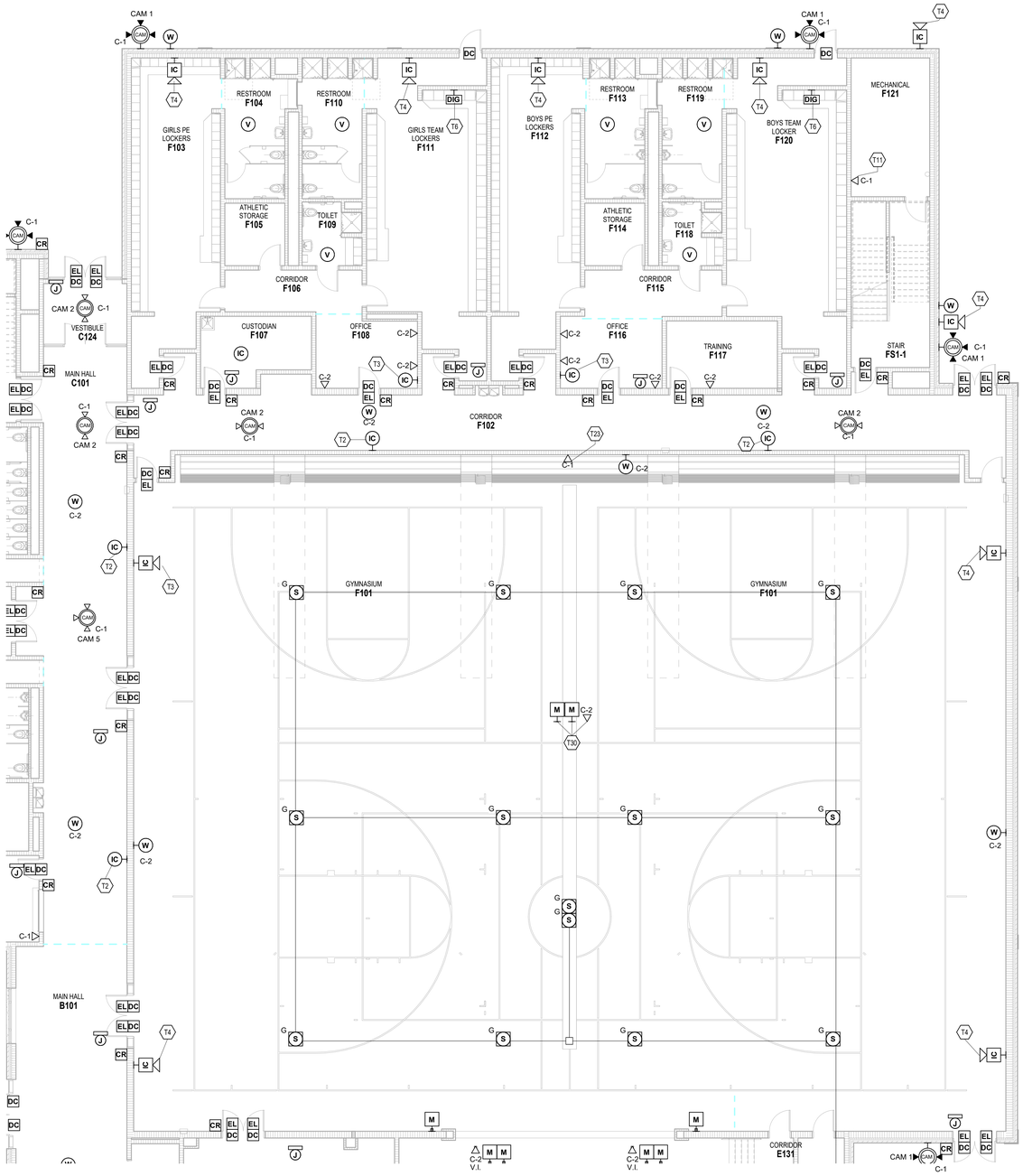

1 FIRST FLOOR TECHNOLOGY PLAN - UNIT F

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
FIRST FLOOR			
B101	A100	MAIN HALL	2209 SF
C101	A100	MAIN HALL	1111 SF
C102	A111	CONCESSION	183 SF
C103	E106A	PREP	130 SF
C104	A112	BOYS	217 SF
C115	E100	CORRIDOR	2370 SF
C123	A113	GIRLS	282 SF
C124	-	VESTIBULE	116 SF
CS1-1	STAIR F	STAIR	262 SF
E130	A110B	CLOSET	27 SF
E131	-	CORRIDOR	34 SF
E132	A107	STAGE	1376 SF
E133	A110A	PE STORAGE	671 SF
F101	A110	GYMNASIUM	12261 SF
F102	-	CORRIDOR	1209 SF
F103	A114	GIRLS PE LOCKERS	542 SF
F104	A114A	RESTROOM	178 SF
F105	A116A	ATHLETIC STORAGE	78 SF
F106	-	CORRIDOR	122 SF
F107	A115	CUSTODIAN	145 SF
F108	A116	OFFICE	149 SF
F109	A116B	TOILET	73 SF
F110	A117A	RESTROOM	175 SF
F111	A117	GIRLS TEAM LOCKERS	695 SF
F112	A118	BOYS PE LOCKERS	543 SF
F113	A118A	RESTROOM	175 SF
F114	A119A	ATHLETIC STORAGE	78 SF
F115	-	CORRIDOR	136 SF
F116	A119	OFFICE	149 SF
F117	A120	TRAINING	156 SF
F118	A119B	TOILET	73 SF
F119	A121A	RESTROOM	175 SF
F120	A121	BOYS TEAM LOCKER	705 SF
F121	A122	MECHANICAL	228 SF
FS1-1	STAIR G	STAIR	265 SF

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T2	ALGO 8420 IP DUAL SIDED CLOCK SPEAKER IN COMMON HALLWAYS
T3	ALGO 8410 IP DISPLAY SPEAKER IN CLASSROOMS AND OFFICES
T4	ALGO 8196 IP HORN SPEAKER
T6	GAME CLOCK
T11	PROVIDE DATA CABLE(S) FOR TEMP. CONTROL PANELS. VERIFY EXACT LOCATION WITH TEMP. CONTROL CONTRACTOR.
T23	DATA JACK FOR HUDL SYSTEM. HEIGHT TO BE DETERMINED (22' 8"?)
T30	MIC XLR INPUTS AND DATA CONNECTIONS IN THE FLUSH MOUNTED FLOOR POCKET SHOWN ON ELECTRICAL SHEET EP11F. MICS CONNECTED TO SOUND RACK IN E129.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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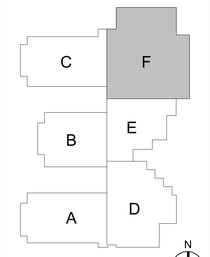

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE 10000 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

FIRST FLOOR TECHNOLOGY PLAN - UNIT F

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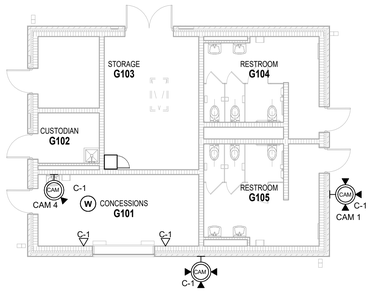
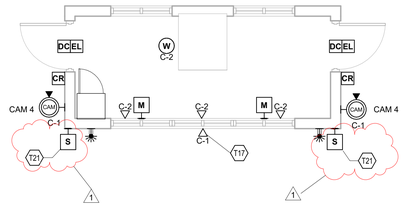
ROOM LEGEND			
ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
FIRST FLOOR			
G101		CONCESSIONS	196 SF
G102		CUSTODIAN	53 SF
G103		STORAGE	214 SF
G104		RESTROOM	169 SF
G105		RESTROOM	189 SF
G106		ELEC	75 SF



2 FIRST FLOOR TECHNOLOGY PLAN - UNIT G

SCALE: 1/8" = 1'-0"



1 FIRST FLOOR TECHNOLOGY - PRESS BOX

SCALE: 1/4" = 1'-0"

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T17	DATA JACK FOR HUDL SYSTEM. ABOVE WINDOWS BELOW ROUGH OVER HANG. DATA JACK ONLY.
T21	STADIUM SPEAKERS MOUNTED TO PRESSBOX(BASE BID ONLY)

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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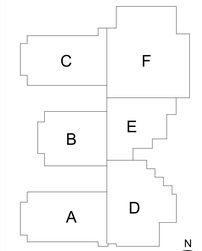

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

FIRST FLOOR TECHNOLOGY PLAN - CONCESSIONS AND PRESSBOX

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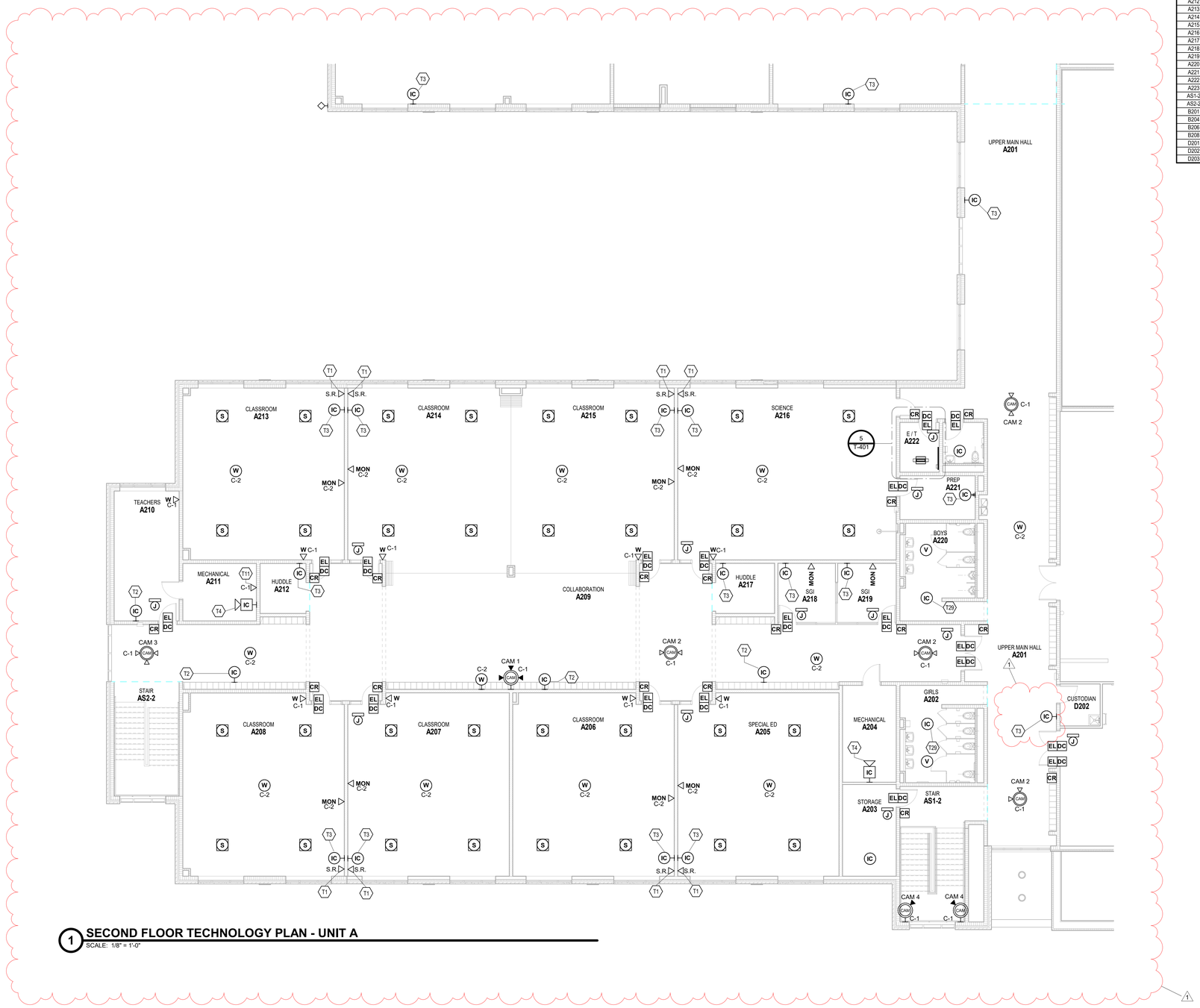

1 SECOND FLOOR TECHNOLOGY PLAN - UNIT A

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
SECOND FLOOR			
A201	B200	UPPER MAIN HALL	1885 SF
A202	B206	GIRLS	217 SF
A203	B208	STORAGE	151 SF
A204	C202	MECHANICAL	159 SF
A205	C204	SPECIAL ED	891 SF
A206	C208	CLASSROOM	889 SF
A207	C210	CLASSROOM	892 SF
A208	C212	CLASSROOM	885 SF
A209	C200	COLLABORATION	2366 SF
A210	C214	TEACHERS	258 SF
A211	C214A	MECHANICAL	129 SF
A212	C213	HUDDLE	73 SF
A213	C211	CLASSROOM	843 SF
A214	C209	CLASSROOM	889 SF
A215	C207	CLASSROOM	889 SF
A216	C206	SCIENCE	1147 SF
A217	C205	HUDDLE	93 SF
A218	C203	SGI	107 SF
A219	C201	SGI	109 SF
A220	B204	BOYS	217 SF
A221	C206A	PREP	101 SF
A222	B202	E / T	60 SF
A223	B201	RESTROOM	52 SF
AS1-2	STAIR B	STAIR	293 SF
AS2-2	STAIR C	STAIR	227 SF
B201	B200	UPPER MAIN HALL	398 SF
B204	D201	MULTI-PURPOSE INSTRUCTION	1131 SF
B206	D206	INSTRUMENTS	765 SF
B208	D207	BAND	1902 SF
D201	B207	STORAGE	6048 SF
D202	B205	CUSTODIAN	51 SF
D203	B203	MECHANICAL	1413 SF

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T1	SOUND REINFORCEMENT SYSTEM. WALLPLATE AT 48" SEE DETAIL 3/T-502.
T2	ALGO 8420 IP DUAL SIDED CLOCK SPEAKER IN COMMON HALLWAYS
T3	ALGO 8410 IP DISPLAY SPEAKER IN CLASSROOMS AND OFFICES
T4	ALGO 8196 IP HORN SPEAKER
T11	PROVIDE DATA CABLE(S) FOR TEMP. CONTROL PANELS. VERIFY EXACT LOCATION WITH TEMP. CONTROL CONTRACTOR.
T29	ALGO 8198 IP CEILING SPEAKER WITH ALGO 8138 IP COLOR VISUAL ALERTER (TYPICAL)

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

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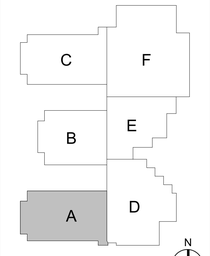

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE19800026 STATE OF PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

SECOND FLOOR TECHNOLOGY PLAN - UNIT A

T-12A

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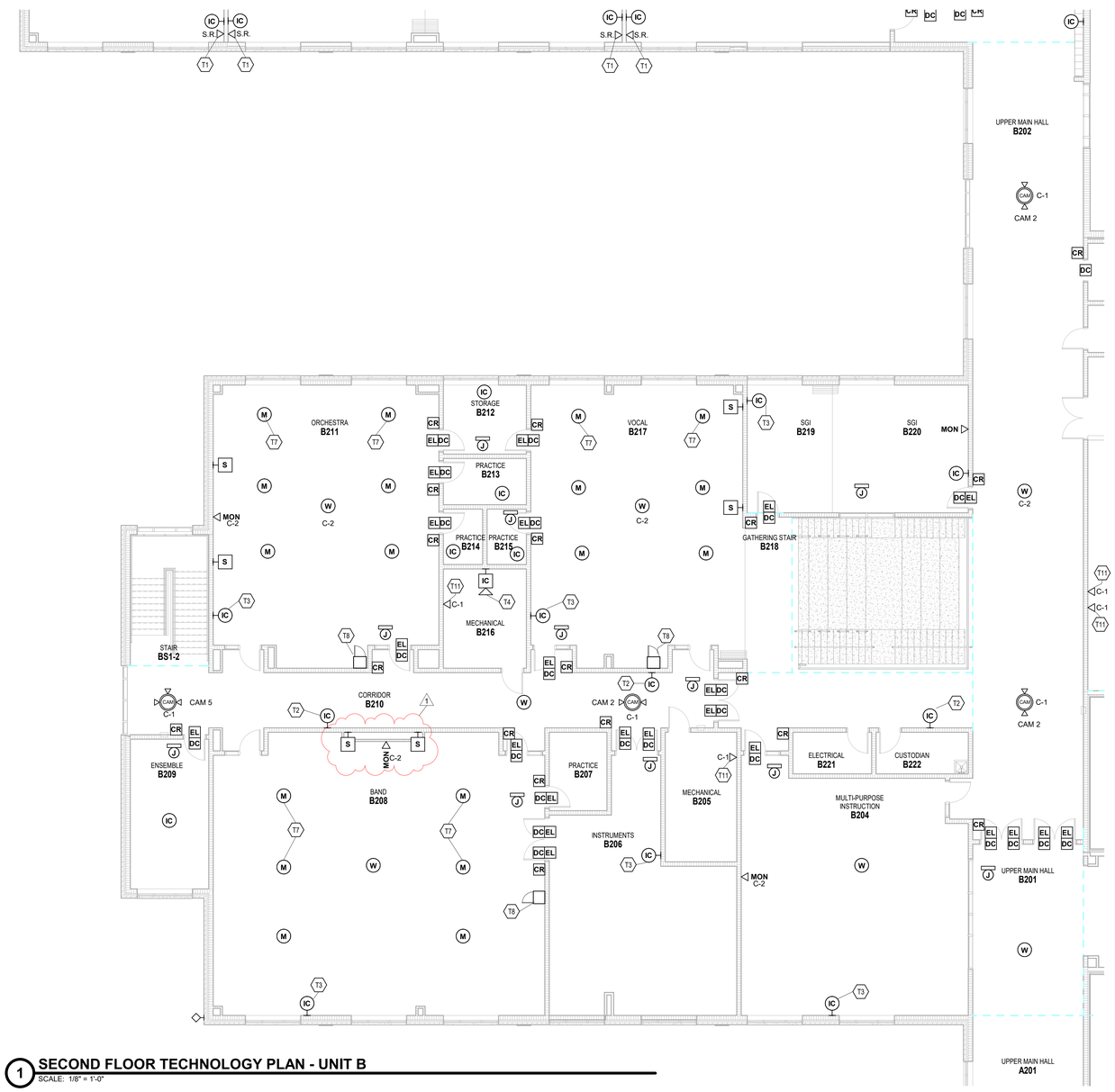

1 **SECOND FLOOR TECHNOLOGY PLAN - UNIT B**
SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
SECOND FLOOR			
A201	B200	UPPER MAIN HALL	1885 SF
B201	B200	UPPER MAIN HALL	398 SF
B202	A200	UPPER MAIN HALL	1871 SF
B203	A200	CORRIDOR	318 SF
B204	D201	MULTI-PURPOSE INSTRUCTION	1131 SF
B205	D205	MECHANICAL	195 SF
B206	D206	INSTRUMENTS	765 SF
B207	D207A	PRACTICE	95 SF
B208	D207	BAND	1902 SF
B209	D209	ENSEMBLE	247 SF
B210	D200	CORRIDOR	843 SF
B211	D208	ORCHESTRA	1271 SF
B212	D208C	STORAGE	120 SF
B213	D208B	PRACTICE	81 SF
B214	D208A	PRACTICE	46 SF
B215	D204A	PRACTICE	46 SF
B216	D200C	MECHANICAL	173 SF
B217	D204	VOCAL	1202 SF
B218	STAIR A	GATHERING STAIR	146 SF
B219	D203	SGI	223 SF
B220	D202	SGI	358 SF
B221	D200B	ELECTRICAL	69 SF
B222	D200A	CUSTODIAN	81 SF
BS1-2	STAIR D	STAIR	216 SF
C201	A200	UPPER MAIN HALL	1343 SF
C209	E206	SCIENCE	1147 SF
C210	E207	CLASSROOM	889 SF
C211	E209	CLASSROOM	889 SF
C212	E211	CLASSROOM	843 SF
E201	A201	MECHANICAL	1995 SF
E202	A202	ELEVATOR EQUIPMENT	54 SF

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T1	SOUND REINFORCEMENT SYSTEM. WALLPLATE AT 48" SEE DETAIL 3/T-502.
T2	ALGO 8420 IP DUAL SIDED CLOCK SPEAKER IN COMMON HALLWAYS
T3	ALGO 8410 IP DISPLAY SPEAKER IN CLASSROOMS AND OFFICES
T4	ALGO 8196 IP HORN SPEAKER
T7	CONDENSER HANGING MICROPHONE(TYPICAL)
T8	SEE DETAIL ON 2/T-504 FOR MUSIC/VOCAL ROOM SOUND SYSTEM
T11	PROVIDE DATA CABLE(S) FOR TEMP. CONTROL PANELS. VERIFY EXACT LOCATION WITH TEMP. CONTROL CONTRACTOR.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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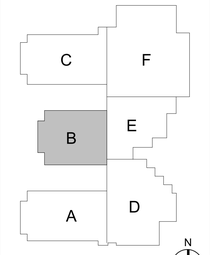

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

SECOND FLOOR TECHNOLOGY PLAN - UNIT B

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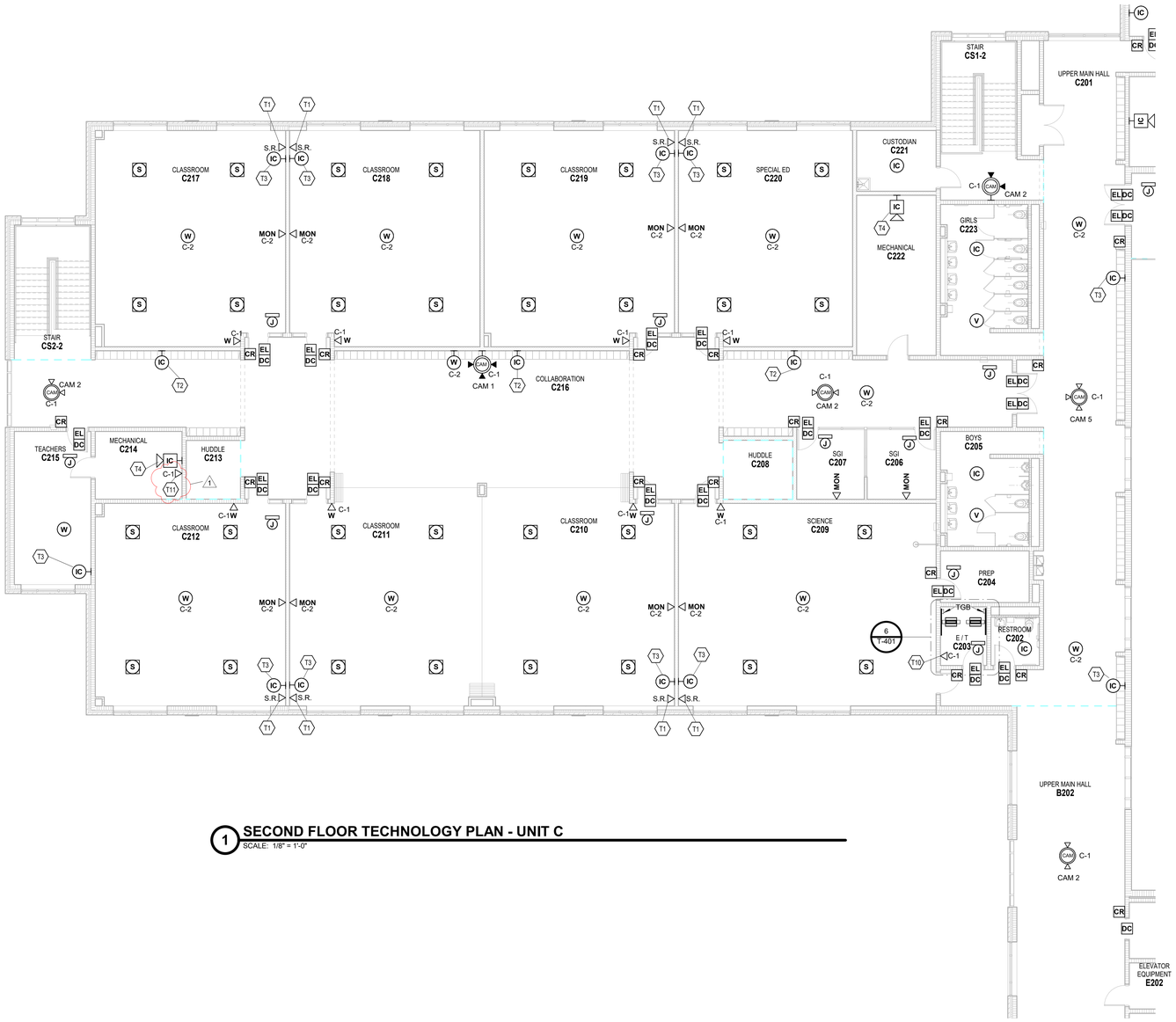

1 SECOND FLOOR TECHNOLOGY PLAN - UNIT C

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
SECOND FLOOR			
B202	A200	UPPER MAIN HALL	1871 SF
C201	A200	UPPER MAIN HALL	1343 SF
C202	A203	RESTROOM	51 SF
C203	A204	E / T	60 SF
C204	E206A	PREP	101 SF
C205	A205	BOYS	217 SF
C206	E201	SGI	109 SF
C207	E203	SGI	107 SF
C208	E205	HUDDLE	90 SF
C209	E206	SCIENCE	1147 SF
C210	E207	CLASSROOM	889 SF
C211	E209	CLASSROOM	889 SF
C212	E211	CLASSROOM	843 SF
C213	E213	HUDDLE	70 SF
C214	E214A	MECHANICAL	129 SF
C215	E214	TEACHERS	258 SF
C216	E200	COLLABORATION	2369 SF
C217	E212	CLASSROOM	885 SF
C218	E210	CLASSROOM	892 SF
C219	E208	CLASSROOM	889 SF
C220	E204	SPECIAL ED	814 SF
C221	A207	CUSTODIAN	106 SF
C222	E202	MECHANICAL	280 SF
C223	A206	GIRLS	282 SF
C224	A208	ELECTRICAL	24 SF
CS1-2	STAIR F	STAIR	293 SF
CS2-2	STAIR E	STAIR	227 SF
E201	A201	MECHANICAL	1995 SF
E202	A202	ELEVATOR EQUIPMENT	54 SF
F201	A212	BALCONY	1137 SF
F202	A210	MECHANICAL	543 SF
F203	A209	MULTI-PURPOSE INSTRUCTION	1306 SF

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T1	SOUND REINFORCEMENT SYSTEM. WALLPLATE AT 48" SEE DETAIL 3/T-502.
T2	ALGO 8420 IP DUAL SIDED CLOCK SPEAKER IN COMMON HALLWAYS
T3	ALGO 8410 IP DISPLAY SPEAKER IN CLASSROOMS AND OFFICES
T4	ALGO 8196 IP HORN SPEAKER
T10	SEE DETAIL 1/T1.XX FOR MAIN GYMNASIUM SOUND SYSTEM.
T11	PROVIDE DATA CABLE(S) FOR TEMP. CONTROL PANELS. VERIFY EXACT LOCATION WITH TEMP. CONTROL CONTRACTOR.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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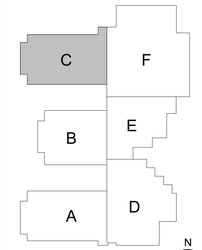

KEY PLAN

Construction Documents

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

SECOND FLOOR TECHNOLOGY PLAN - UNIT C

T-12C

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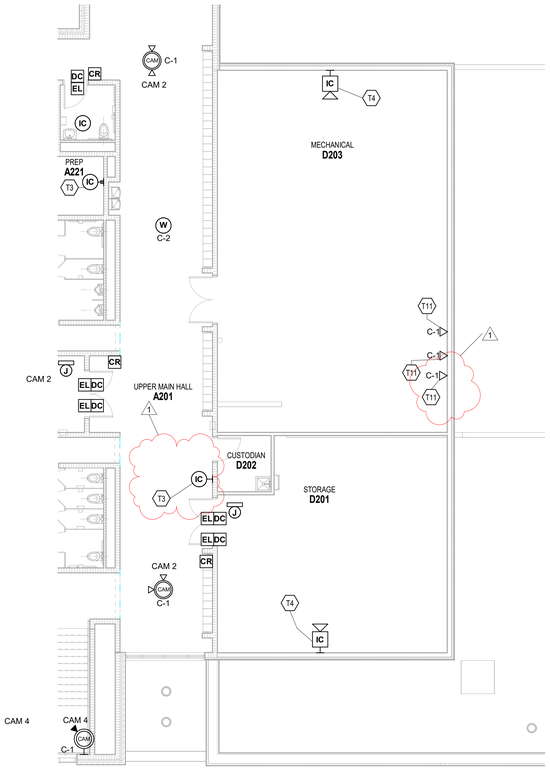
ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
SECOND FLOOR			
A201	B200	UPPER MAIN HALL	1885 SF
A202	B206	GIRLS	217 SF
A209	C200	COLLABORATION	2366 SF
A220	B204	BOYS	217 SF
A221	C206A	PREP	101 SF
A223	B201	RESTROOM	52 SF
AS1-2	STAIR B	STAIR	293 SF
D201	B207	STORAGE	6048 SF
D202	B205	CUSTODIAN	51 SF
D203	B203	MECHANICAL	1413 SF



1 SECOND FLOOR TECHNOLOGY PLAN - UNIT D

SCALE: 1/8" = 1'-0"

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T3	ALGO 8410 IP DISPLAY SPEAKER IN CLASSROOMS AND OFFICES
T4	ALGO 8196 IP HORN SPEAKER
T11	PROVIDE DATA CABLE(S) FOR TEMP. CONTROL PANELS. VERIFY EXACT LOCATION WITH TEMP. CONTROL CONTRACTOR.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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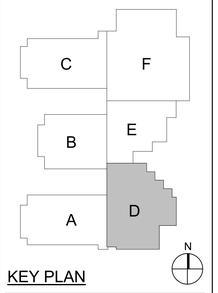

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE 10000 STATE OF PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

SECOND FLOOR TECHNOLOGY PLAN - UNIT D

T-12D

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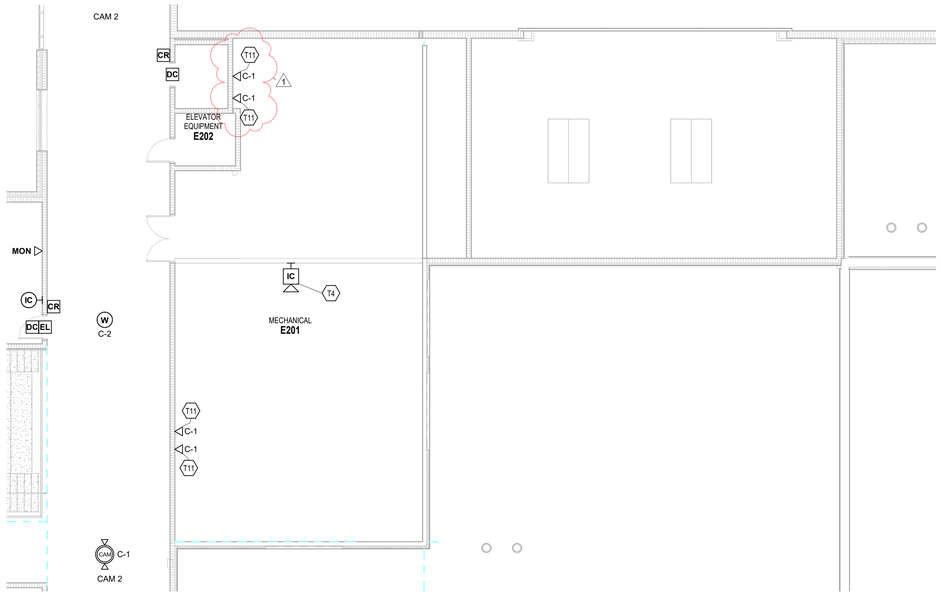
ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
SECOND FLOOR			
B202	A200	UPPER MAIN HALL	1871 SF
B203	A200	CORRIDOR	318 SF
B220	D202	SGI	358 SF
B222	D200A	CUSTODIAN	81 SF
E201	A201	MECHANICAL	1995 SF
E202	A202	ELEVATOR EQUIPMENT	54 SF



1 SECOND FLOOR TECHNOLOGY PLAN - UNIT E

SCALE: 1/8" = 1'-0"

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T4	ALGO 8196 IP HORN SPEAKER
T11	PROVIDE DATA CABLE(S) FOR TEMP. CONTROL PANELS. VERIFY EXACT LOCATION WITH TEMP. CONTROL CONTRACTOR.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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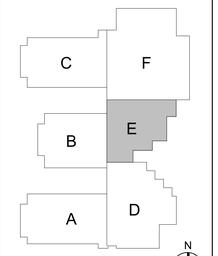

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE19930 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

SECOND FLOOR TECHNOLOGY PLAN - UNIT E

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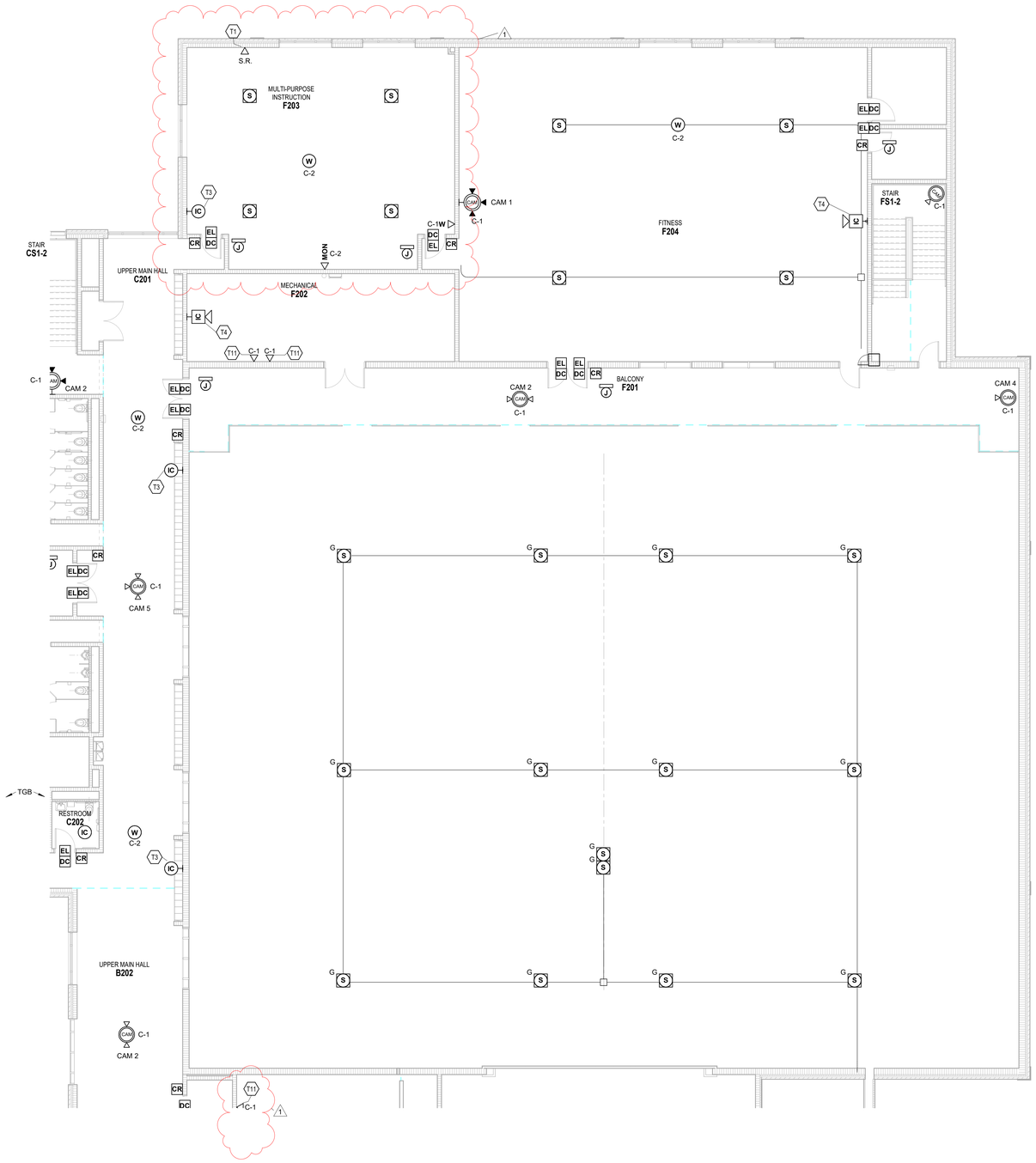

1 **SECOND FLOOR TECHNOLOGY PLAN - UNIT F**
SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
SECOND FLOOR			
B202	A200	UPPER MAIN HALL	1871 SF
C201	A200	UPPER MAIN HALL	1343 SF
C202	A203	RESTROOM	51 SF
C204	E206A	PREP	101 SF
C205	A205	BOYS	217 SF
C216	E200	COLLABORATION	2369 SF
C223	A206	GIRLS	282 SF
C224	A208	ELECTRICAL	24 SF
CS1-2	STAIR F	STAIR	293 SF
E201	A201	MECHANICAL	1995 SF
F201	A212	BALCONY	1137 SF
F202	A210	MECHANICAL	543 SF
F203	A209	MULTI-PURPOSE INSTRUCTION	1306 SF
F204	A211	FITNESS	2985 SF
F205	A211A	STORAGE	133 SF
F206	A211B	ELECTRICAL	87 SF
FS1-2	STAIR G	STAIR	307 SF

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T1	SOUND REINFORCEMENT SYSTEM. WALLPLATE AT 48" SEE DETAIL 3/T-502.
T3	ALGO 8410 IP DISPLAY SPEAKER IN CLASSROOMS AND OFFICES
T4	ALGO 8196 IP HORN SPEAKER
T11	PROVIDE DATA CABLE(S) FOR TEMP. CONTROL PANELS. VERIFY EXACT LOCATION WITH TEMP. CONTROL CONTRACTOR.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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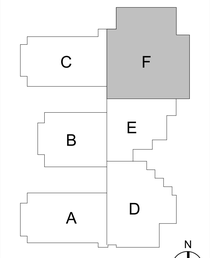

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE10002[illegible] STATE OF PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: JJR

PROJECT NUMBER: 223047.01

PROJECT ISSUE DATE: October 28, 2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO.2	11/11/2025

SECOND FLOOR TECHNOLOGY PLAN - UNIT F

T-12F

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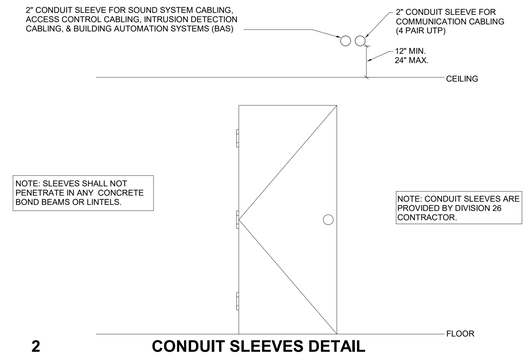
TECHNOLOGY FACEPLATE ABBREVIATIONS

C - RJ45 DATA JACK
B - BLANK INSERT
WB - RJ-45 JACK FOR USB INTERACTIVITY
HD - RJ45 JACK FOR VIDEO
3.5mm - 3.5mm SOLDER JACK
HDMI - HDMI CONNECTOR

NOTE: REFER TO AV WIRING DETAILS FOR EXACT CONFIGURATIONS OF VIDEO INPUT (V.I.), VIDEO OUTPUT (VO), AND AV CABINET LOCATIONS.

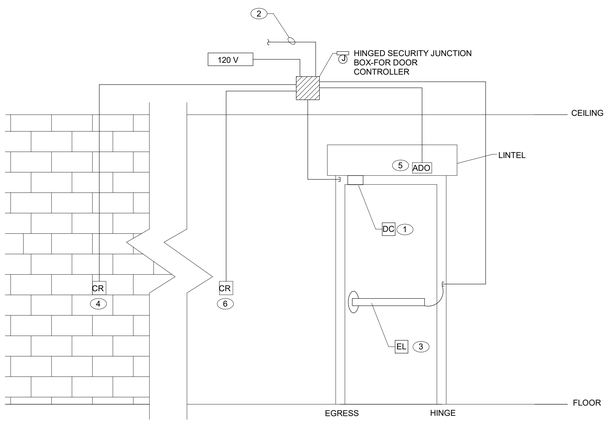
1 WALL PLATE CONFIGURATIONS



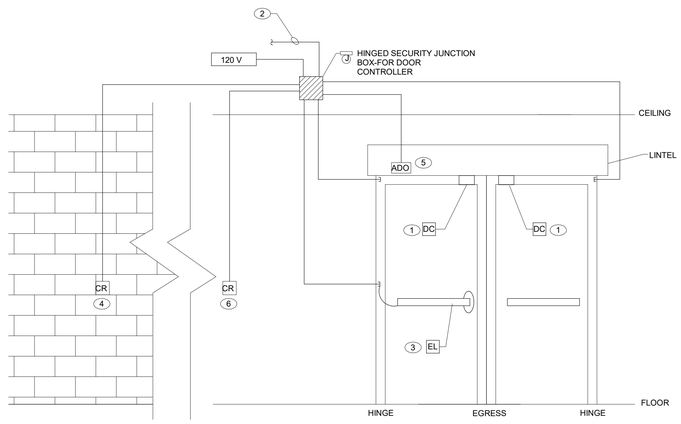
2 CONDUIT SLEEVES DETAIL

CAMERA NUMBER	CAMERA TYPE	NOTE
1	PNM-C12083RVD	2 SENSOR - 180 DEGREE
2	PNM-C7083RVD	2 SENSOR
3	PNM-9084QZ1	4 SENSOR
4	PNM-9085ROZ	1 SENSOR
5	PNM-8082VT	3 SENSOR
6	XNV-A9084R	STADIUM LIGHT POLES
7		
8		
9		
10		

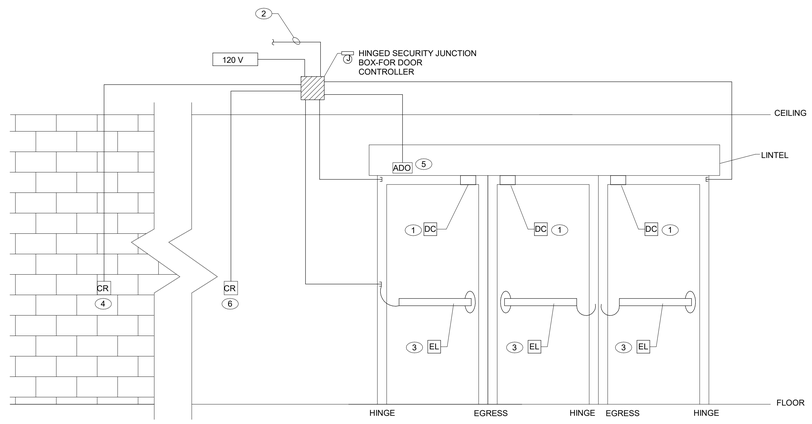
5 CAMERA SCHEDULE MATRIX



SINGLE DOOR ENTRY



DOUBLE DOOR ENTRY

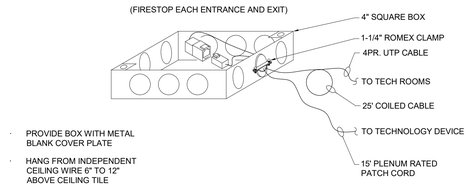


MULTIPLE DOOR ENTRY

DOOR SECURITY WIRING LEGEND

1. PROVIDE 22/2 AWG FOR DOOR CONTACT TO HINGED SECURITY JUNCTION BOX.
2. PROVIDE 4PR UTP FROM HINGED SECURITY JUNCTION BOX TO NEAREST TR OR MC/ER.
3. PROVIDE 18/6 AWG FOR POWER TRANSFER/ELECTRIC LATCH & REQUEST FOR EXIT MICRO SWITCH TO HINGED SECURITY JUNCTION BOX.
4. PROVIDE 22/6 AWG FOR CARD READER TO HINGED SECURITY JUNCTION BOX.
5. PROVIDE 22/4 AWG FROM ADO OPERATOR TO HINGED SECURITY JUNCTION BOX.
6. PROVIDE 22/6 AWG FOR CARD READER TO HINGED SECURITY JUNCTION BOX. INTERFACE CARD READER WITH INTRUSION DETECTION SYSTEM TO DISABLE ALARM SYSTEM.

NOTE: TYPICAL DOOR WIRING DETAILS BY THE SECURITY SYSTEM CONTRACTOR. REFER TO FLOOR PLANS FOR EXACT QUANTITIES AND DOOR CONFIGURATIONS



3 ABOVE CEILING JUNCTION BOX - WIRING DETAIL

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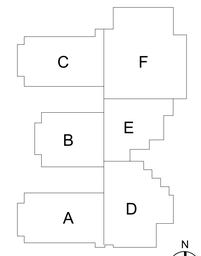

KEY PLAN

Construction Documents

BRIAN W. BUTLER REGISTERED No. PE19900005 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS
DRAWN BY: JJR
PROJECT NUMBER: 223047.01
PROJECT ISSUE DATE: October 28, 2025

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TECHNOLOGY DETAILS

T-501

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