

ADDENDUM NO. 1

September 19, 2025

**TRI-COUNTY SCHOOL JR-SR HIGH SCHOOL BACKPACK ADDITION &
NEW MAINTENANCE FACILITY
Wolcott, IN 47995**

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 August 14, 2025, by Gibraltar Design. 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 1-1 and attached Addendum No. 1 from Gibraltar Design dated September 18, 2025, consisting of 2 pages and 11 drawings.

ADDENDUM ONE

Addendum One (AD.01) to the drawings and specifications prepared by Gibraltar Design for **Tri-County Jr/Sr High School Backpack Addition & New Maintenance Facility** for Tri-County School Corporation, Wolcott, Indiana.

All Contractors bidding on this project shall read all of the items covered below and shall comply with all of the requirements as set forth, including any necessary refinements or additions generated by this Addendum and required by the intent of the original contract documents. All Contractors shall acknowledge on their bid form that they have received this Addendum and include the appropriate content of same within their bid proposal.

SPECIFICATIONS

1. Specification Section 28 31 01 Fire Alarm Systems

- A. Delete all references to the maintenance Building
 - 1. Delete paragraphs 1.6.A, 2.4.B.6, and 3.1.B.1

DRAWINGS

Refer to Revised Full-Size Drawings included in this Addendum for revisions (unless noted that no drawing is attached).

2. Sheet C-102

- A. Revised concrete replacement limits.

3. Sheet C-103

- A. Revised concrete replacement limits and added additional grading callout.

4. Sheet A-101

- A. Revised plan notes.

5. Sheet A-103

- A. Revised Wall section 2

6. Sheet M-001

- A. Added EF-4 to Mechanical Equipment Schedule.
- B. Added Intake Hood Schedule.

7. Sheet MD101

- A. Revised sheet note 2.
- B. Added clarification notes to plan

8. Sheet M-101

- A. Added EF-4 to roof of Welding Shop D-102.



- B. Added IH-1 to roof of Welding Shop D-102.

9. Sheet E-101

- A. In Backpack Processing D-144 deleted power circuit shown to the exit sign. Exit sign is to be connected to the existing emergency lighting circuit serving this area.

10. Sheet E-110

- A. In Maintenance Bay S-103:
1. Added wall mounted emergency lighting fixtures (Type MX-2).
 2. Change Fixture Types ML-1E to Type ML-1.
 3. Modified location of night lights.

11. Sheet E-201

1. In Small Engine Shop D-103 added electrical connection for new exhaust fan.

12. Sheet E-601

- A. On the Maintenance Facility Lighting Fixture Schedule
1. Deleted Fixture Type ML-1E.
 2. On Fixture Type ML-4E, change the Columbia Catalog Number to Columbia NBT-14-40K-L070-SF-ED1-U-ELL14ST-DSMK14.
 3. Add Fixture Type MX-2.

13. Sheet T-001 Sheet not attached

- A. Delete the Technology Symbol List.
- B. Add General Note which shall read "See Sheets E-201 and E-110 for Technology/Access Control devices and other Technology equipment."

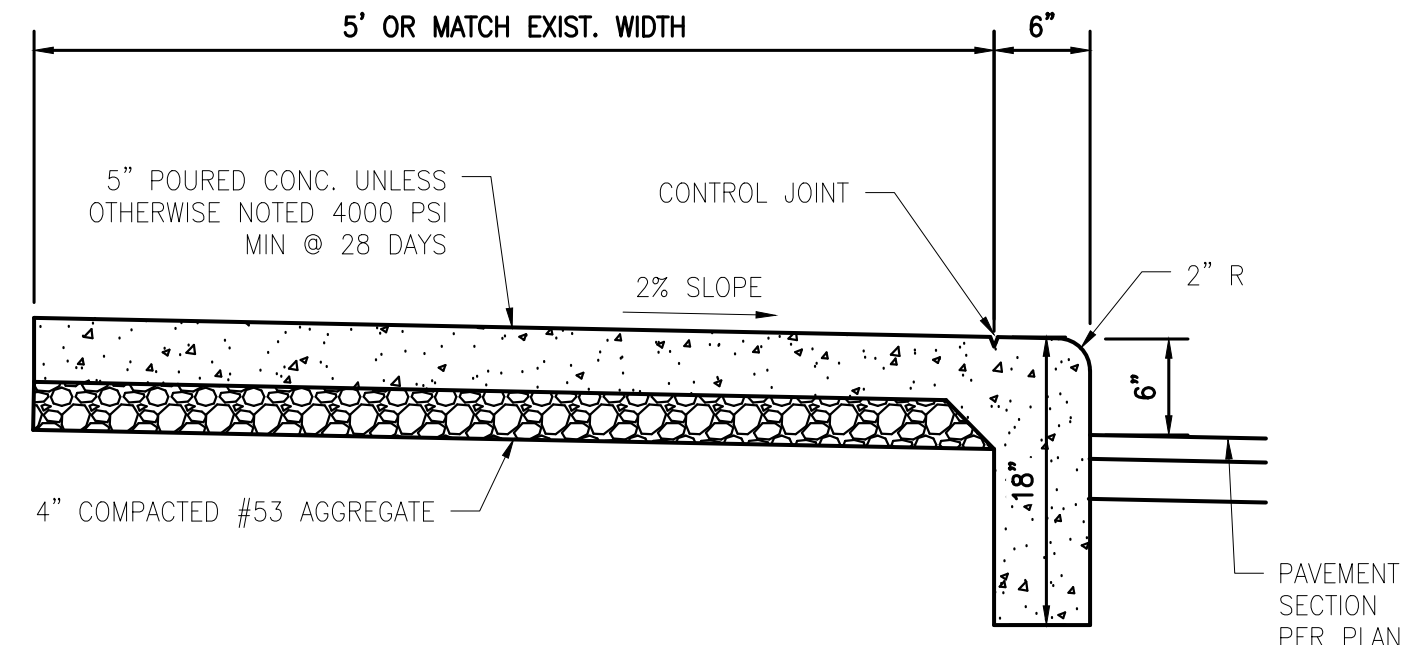
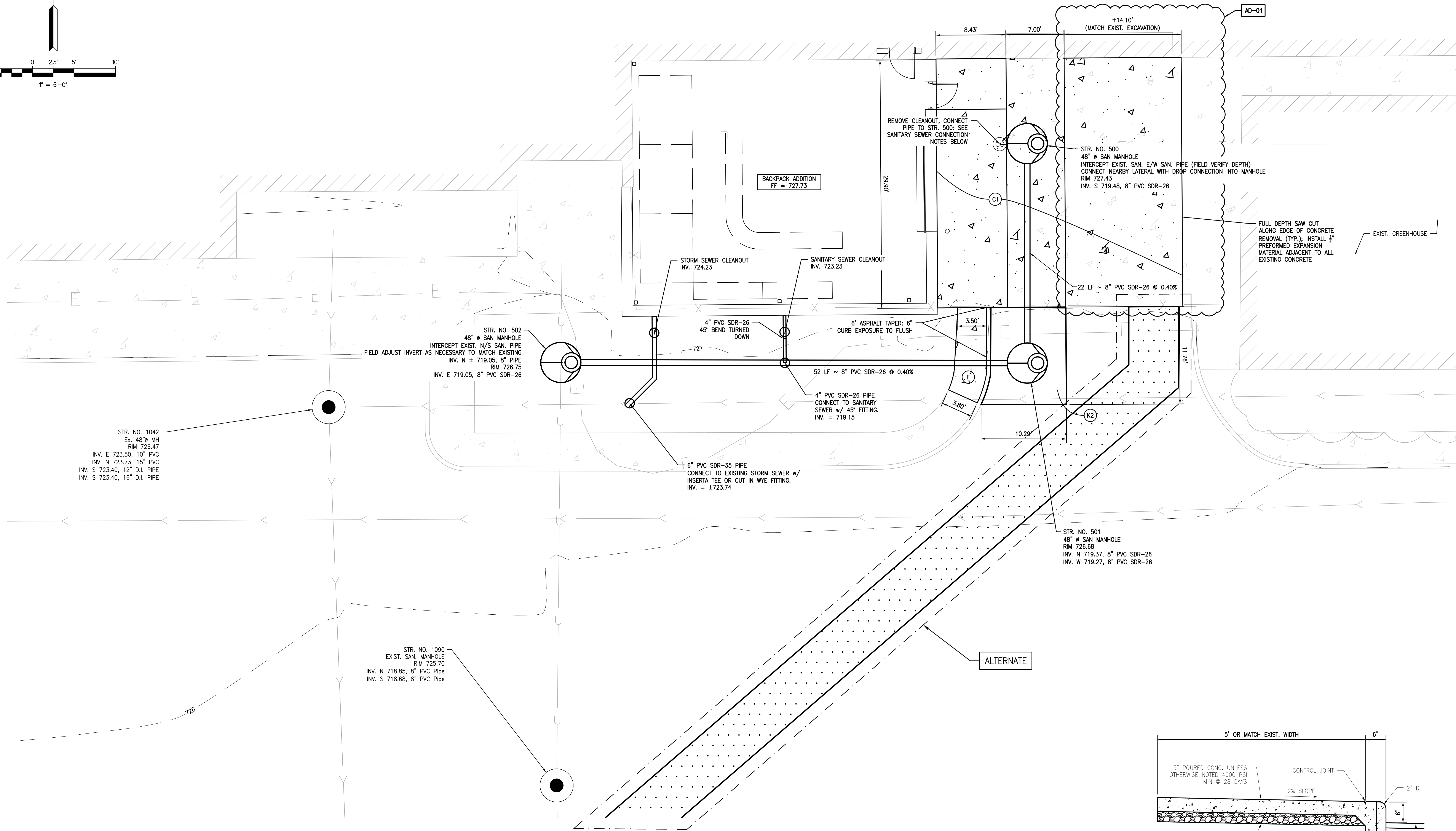
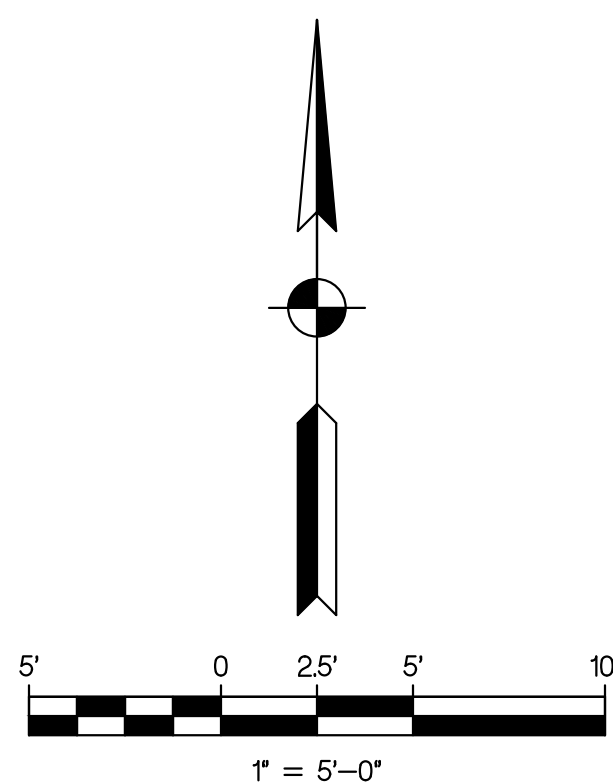
Pages 1 through 2, inclusive, and eleven (11 Full-Size Drawings, constitute the total makeup of **Addendum One**.

**GIBRALTAR**

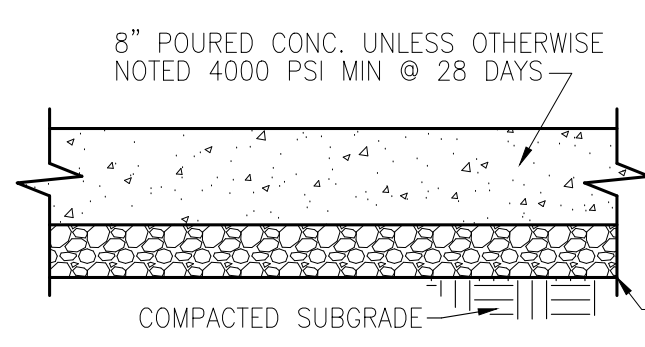
DESIGN

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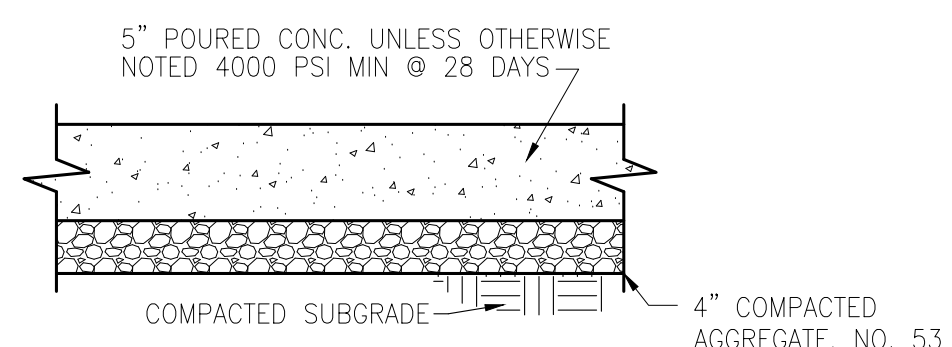
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HIGH - REVISED - REVISED



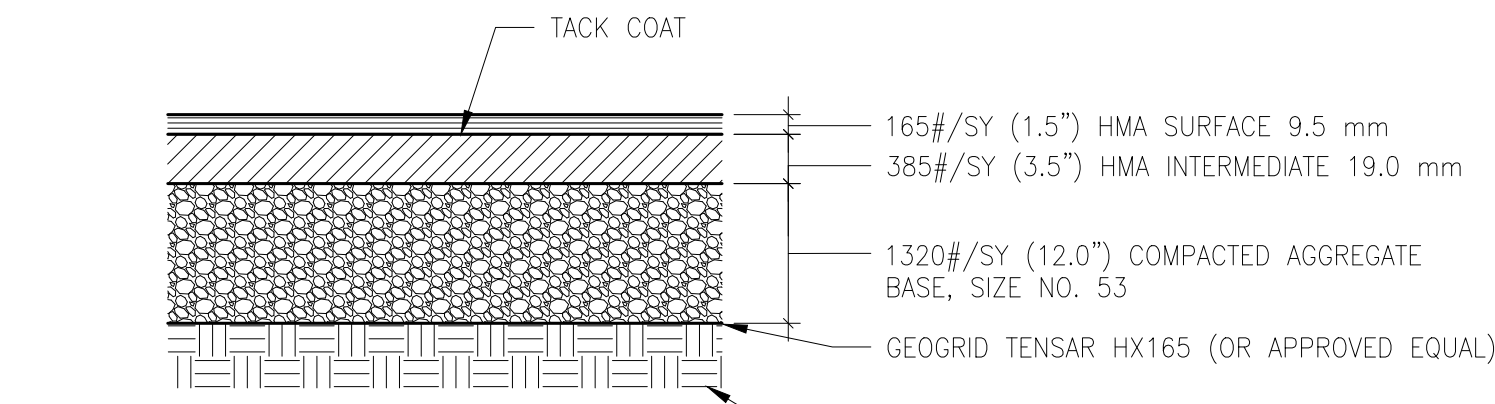
(F1) COMBINED SIDEWALK AND CURB
NOT TO SCALE



(C1) CONCRETE DRIVEWAY
NOT TO SCALE



(F) CONCRETE SIDEWALK DETAIL
NOT TO SCALE



(K2) PAVEMENT SECTION, HEAVY DUTY
NOT TO SCALE

ADDENDUM 1 REVISIONS:
1. REVISED CONCRETE REPLACEMENT LIMITS.

- NOTES:**
- A DESIGNATED CONCRETE WASHOUT AREA SHALL BE ESTABLISHED AND APPROPRIATELY SIGNED. ALL THESE ITEMS SHALL BE INSTALLED AND MAINTAINED PER INDUSTRY STANDARDS.
 - DISTURBED SOIL AREAS NOT BEING COVERED WITH IMPERVIOUS SURFACE SHALL BE RESTORED WITH 4" OF TOP SOIL AND INDOT SEEDING MIXTURE TYPE 'U'.

- SANITARY CONNECTION NOTES:**
- PRIOR TO SANITARY SEWER CONSTRUCTION, CONTRACTOR SHALL CONFIRM DEPTH OF EXISTING SEWER PIPE AT STR. NO. 500 AND 501. INVERTS MAY BE ADJUSTED FOR EXISTING PIPE ELEVATIONS. INFORM ARCHITECT/ENGINEER IF PIPE SLOPE WILL BE LESS THAN DESIGN SHOWN ON PLANS.
 - CONTRACTOR SHALL CONFIRM THAT NO ADDITIONAL LATERAL CONNECTIONS ARE WITHIN THE PROPOSED DEMOLITION LIMITS OF THE SANITARY SEWER PIPE. ANY PIPES FOUND SHALL BE REDIRECTED TO CONNECT TO STR. NO. 500.
 - INTERIOR DROP CONNECTION REQUIRED IF CONNECTION IS 1 FOOT OR GREATER ABOVE THE MANHOLE BENCH. SEE DETAIL ON SHEET C-104.

PROJECT
**TRI-COUNTY
JR-SR HIGH
SCHOOL -
BACKPACK
ADDITION & NEW
MAINTENANCE
FACILITY**
TRI-COUNTY SCHOOL
CORPORATION
WOLCOTT, INDIANA

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Your Vision • Our Focus

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PROJECT
24-120
DATE
08/15/25
COORDINATED BY
MLM
DRAWN BY
MLM
CHECKED BY
CDM

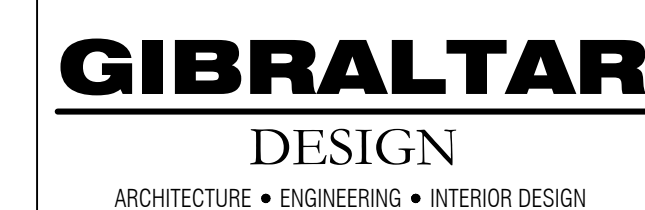
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REVISIONS		
MARK	DATE	ISSUED FOR
AD-01	9/18/25	ADDENDUM NO. 1

DRAWING
SITE PLAN & UTILITY PLAN
NORTH

PROJECT
TRI-COUNTY JR-SR HS BACKPACK
ADDITION & NEW MAINTENANCE FACILITY

C-102



PROJECT

**TRI-COUNTY
JR-SR HIGH
SCHOOL -
BACKPACK
ADDITION & NEW
MAINTENANCE
FACILITY**

TRI-COUNTY SCHOOL
CORPORATION
WOLCOTT, INDIANA



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PROJECT 24-120 DATE 08/15/25 COORDINATED BY MLM DRAWN BY MLM CHECKED BY CDM	
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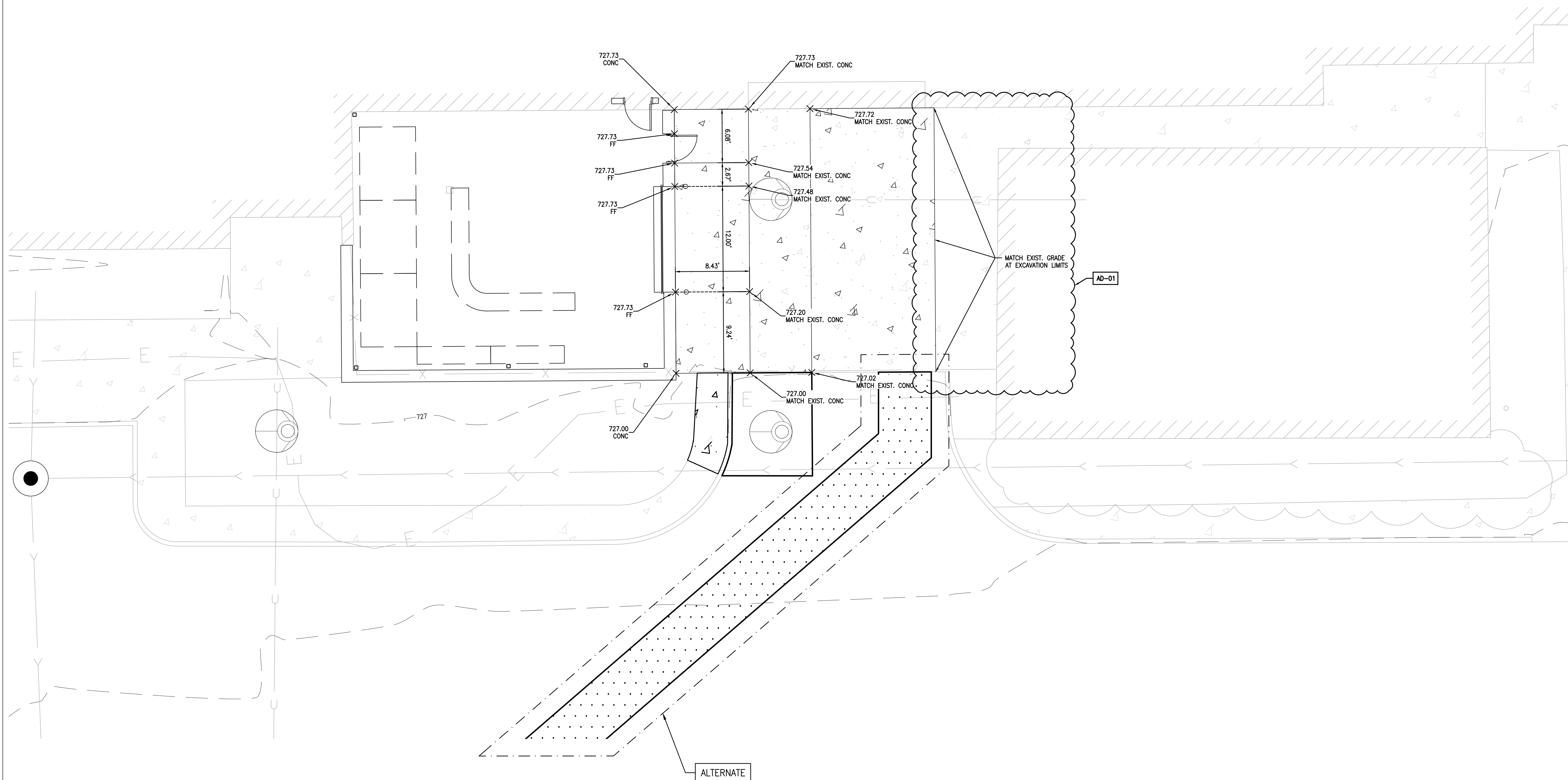
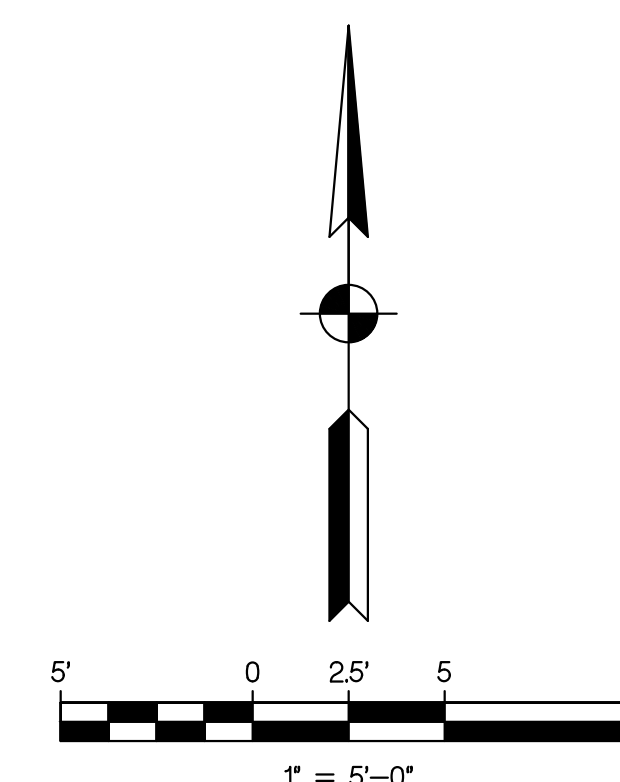
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DRAWING
GRADING PLAN
NORTH

PROJECT	TRI-COUNTY JR-SR HS BACKPACK ADDITION & NEW MAINTENANCE FACILITY
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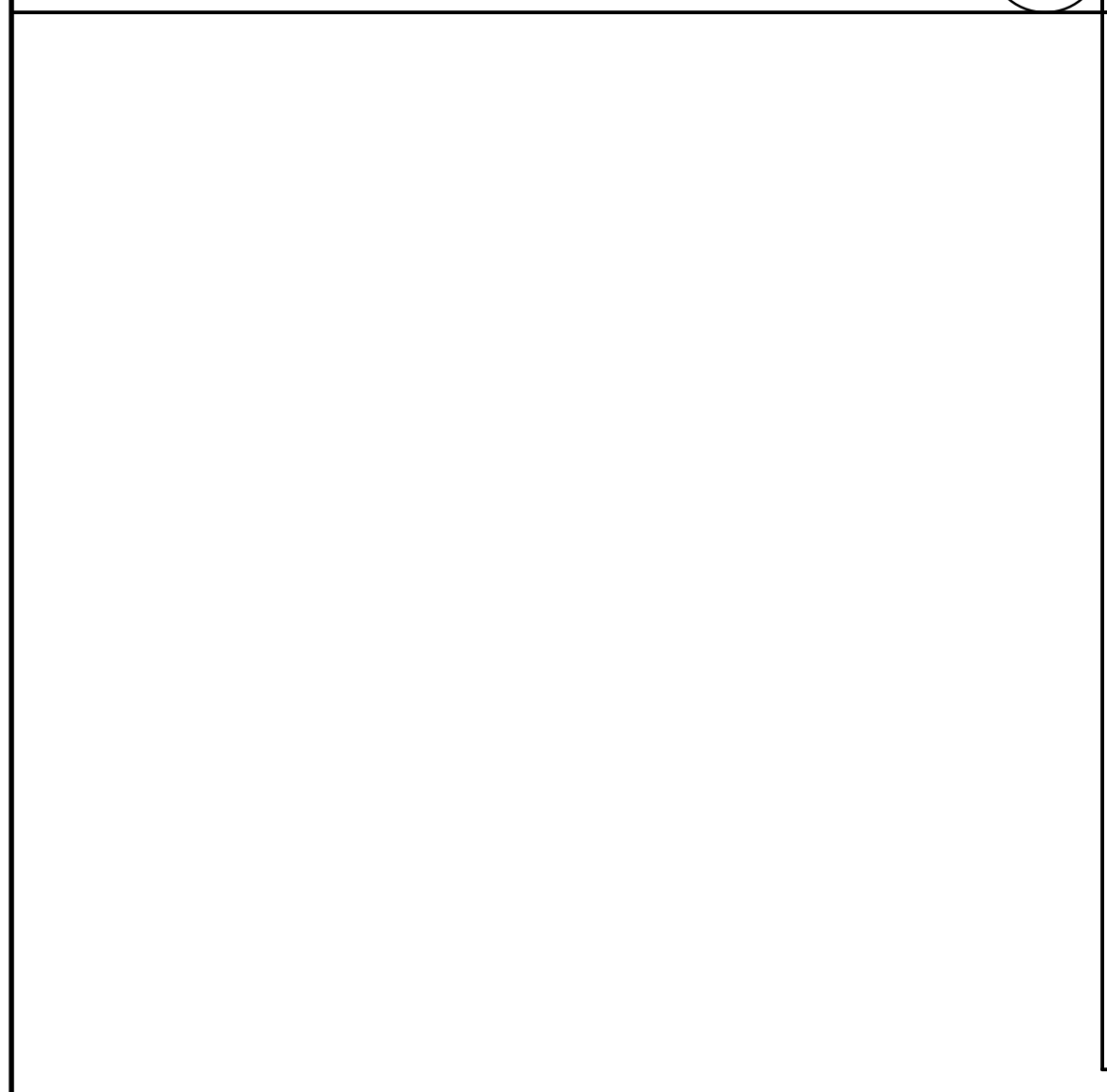
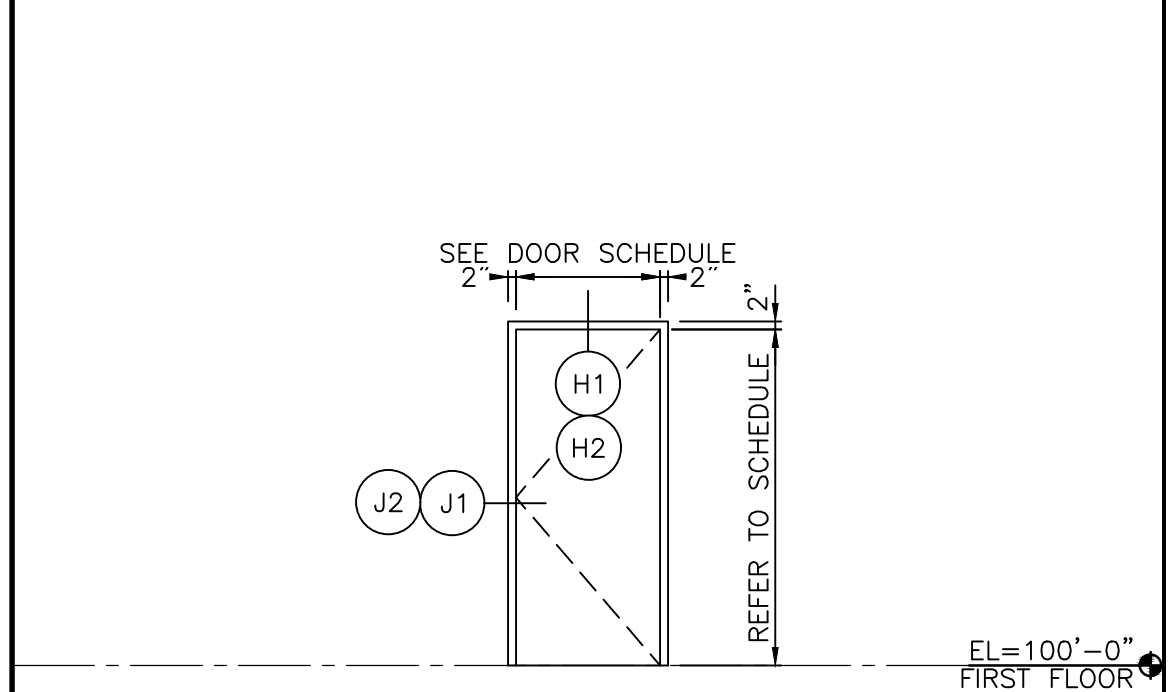
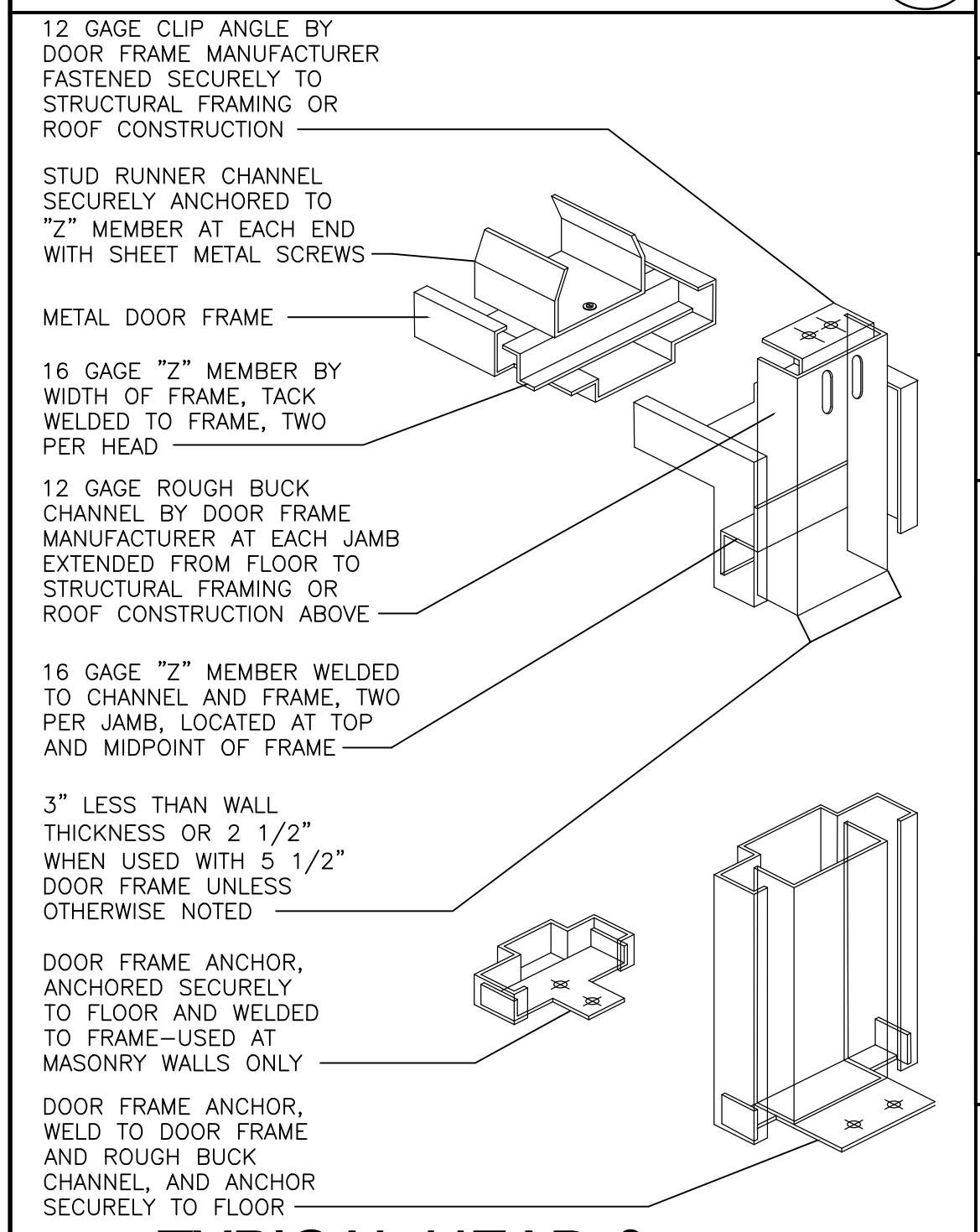
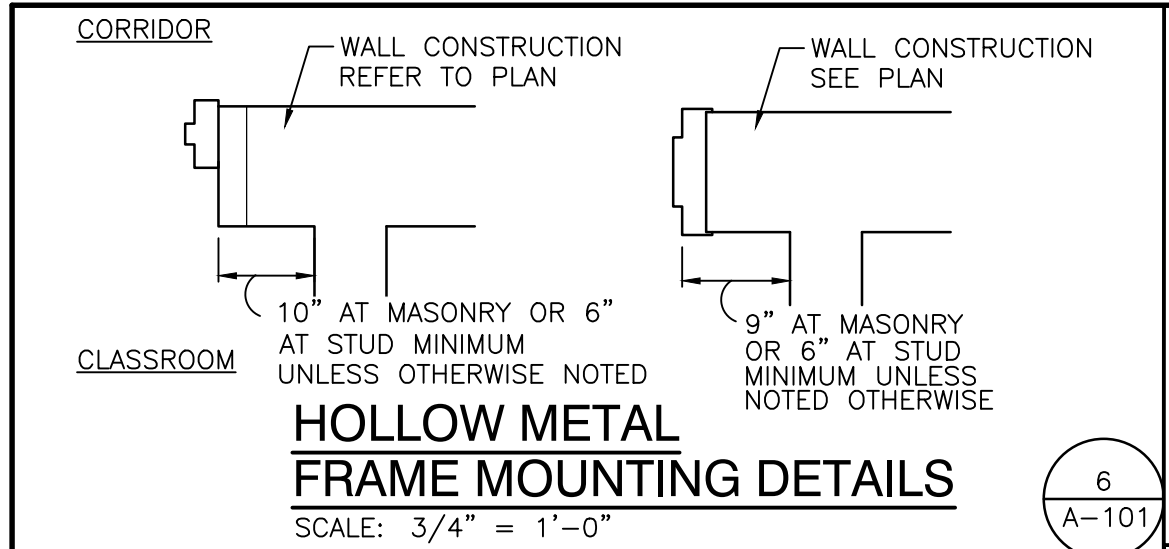
© GIBALTAR DESIGN	SHEET C-103
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ADDENDUM 1 REVISIONS:
1. REVISED CONCRETE REPLACEMENT LIMITS AND ADDED ADDITIONAL GRADING CALLOUT

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ADDITION AND RENOVATIONS\24-120 DRAWINGS
BACKPACK\03 ARCH\A-101.DWG



GENERAL DOOR NOTES

A. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. REFER TO A-800 SERIES DRAWINGS FOR WALL FINISHES.

B. SEAL ALL JAMBS AND HEADS WHERE FRAMES MEET EXPOSED MASONRY AND/OR GYPSUM BOARD.

C. PROVIDE A ALUM. ANGLE AT ALL EXTERIOR DOOR FRAMES AND WHERE NOTED ON DRAWINGS. ALUM. ANGLE TO BE 3/4" X 3/4" METAL AT EXTERIOR OF METAL FRAMES AND AT BOTH SIDES OF ALUMINUM FRAMES. SET ALUM. ANGLE IN SEALANT.

D. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS, BOTH NEW AND EXISTING.

E. SHM SPACE IS NOT SHOWN ON DOOR FRAME ELEVATIONS FOR ALUMINUM STOREFRONT. TAKE THESE DIMENSIONS INTO ACCOUNT AND ADJUST DIMENSIONS ACCORDINGLY.

F. FOR DOOR POSITION WITHIN WALL REFER TO FRAME MOUNTING DETAIL 6/A-101.

G. FOR ELECTRICAL ROUGH-IN AT DOORS REFER TO DETAIL 1/A-101.

H. REFER TO FLOOR PLANS FOR LOCATIONS OF NEW AND EXISTING ADA PUSH PADS FOR POWER ASSISTED OPERATORS.

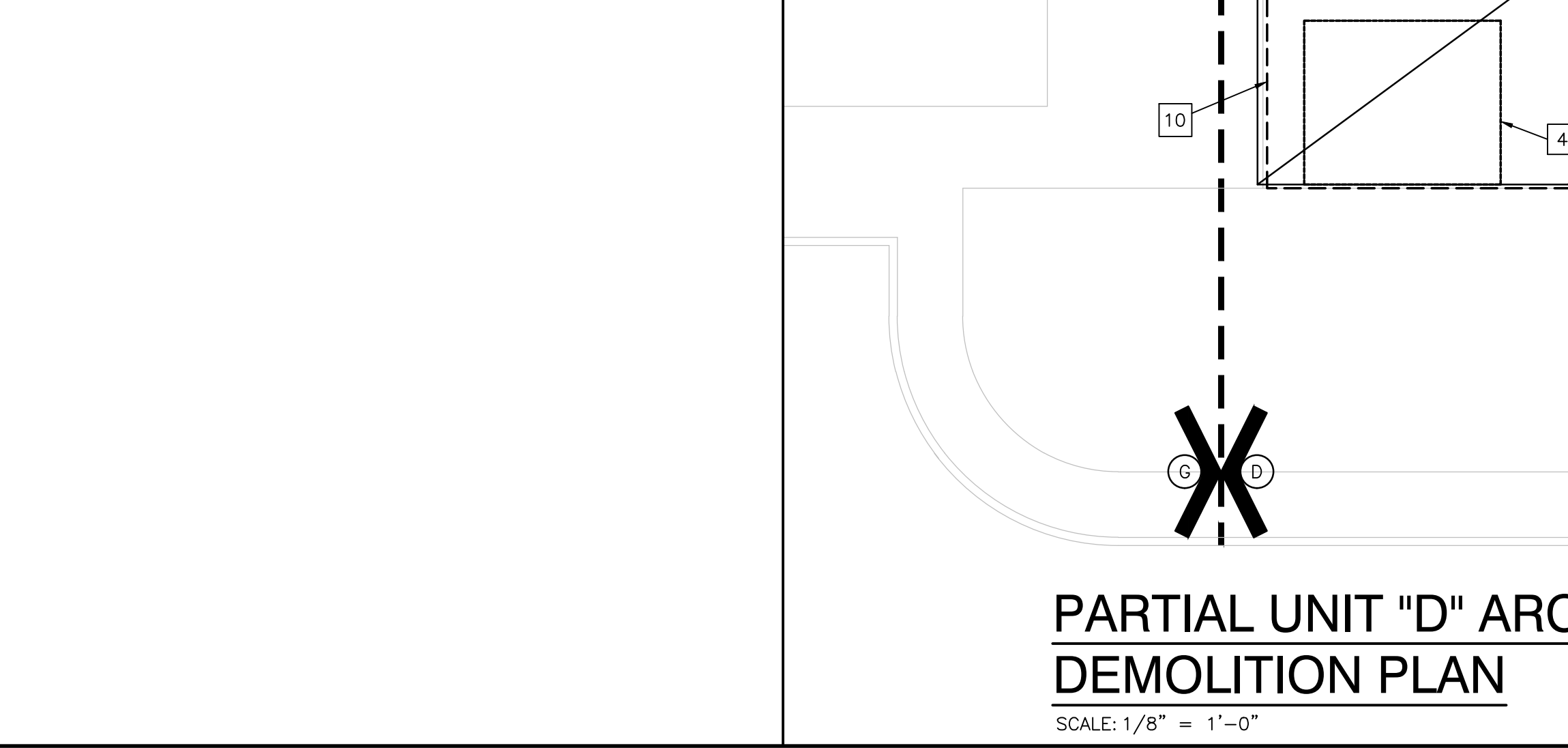
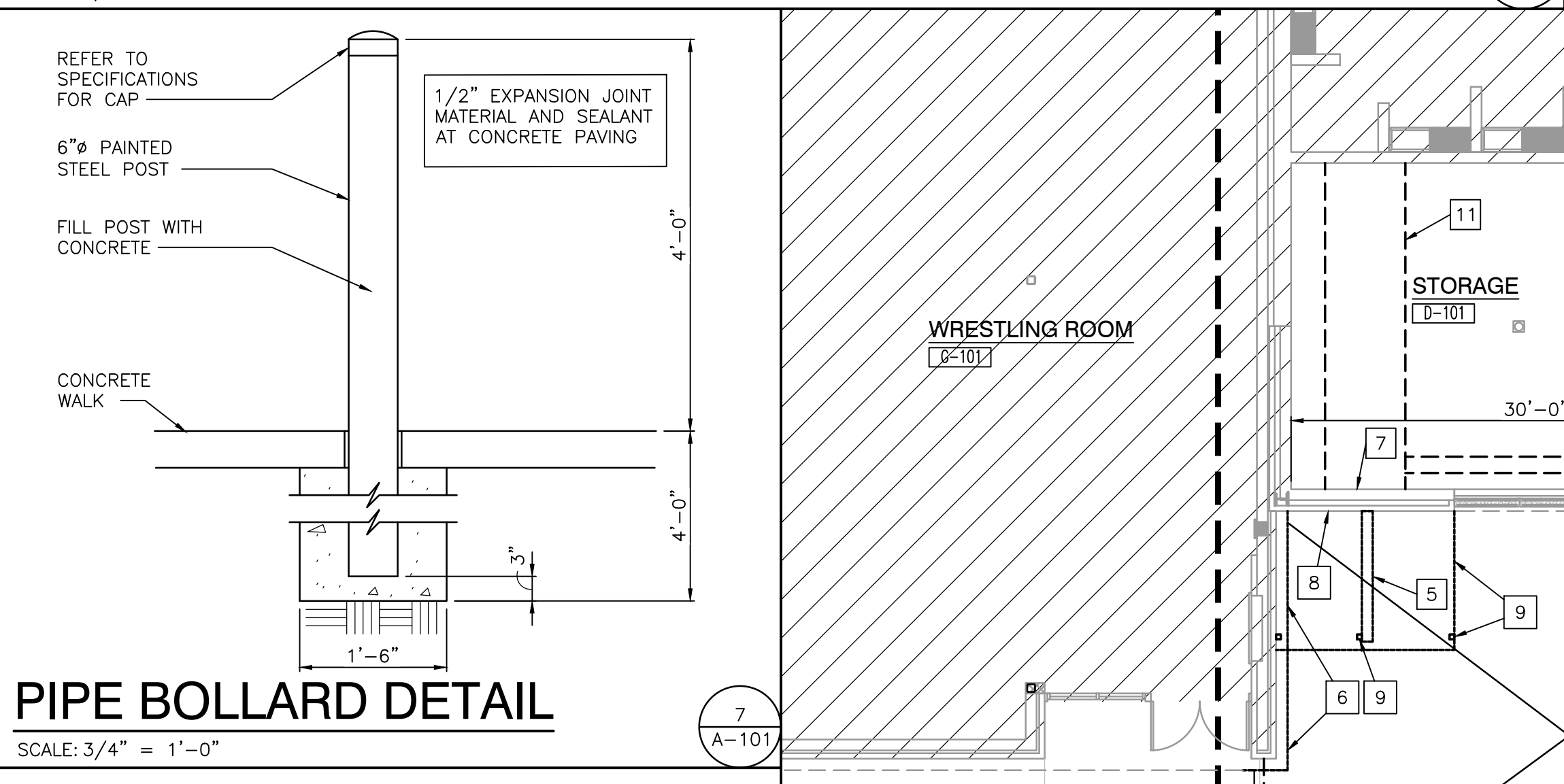
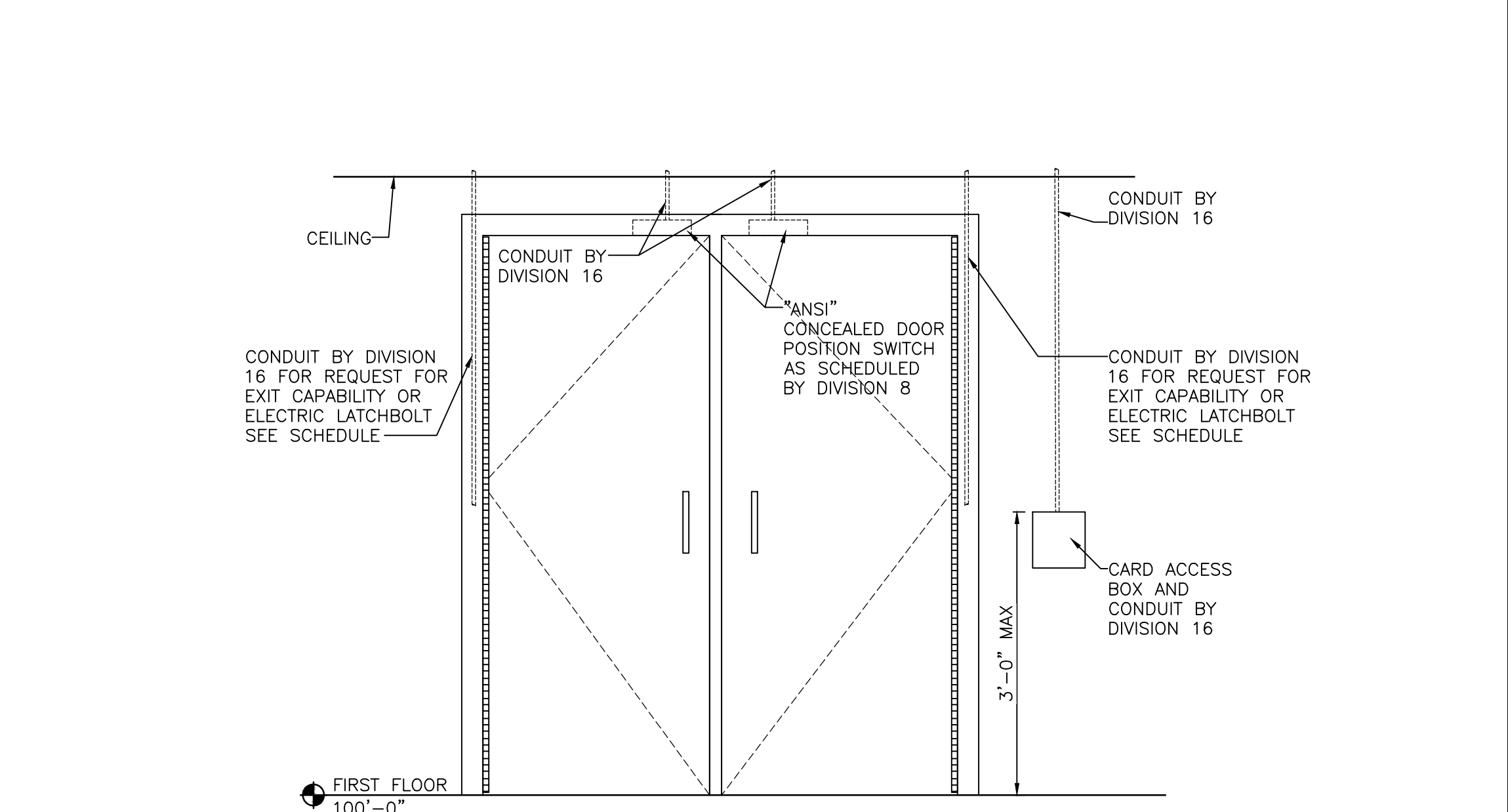
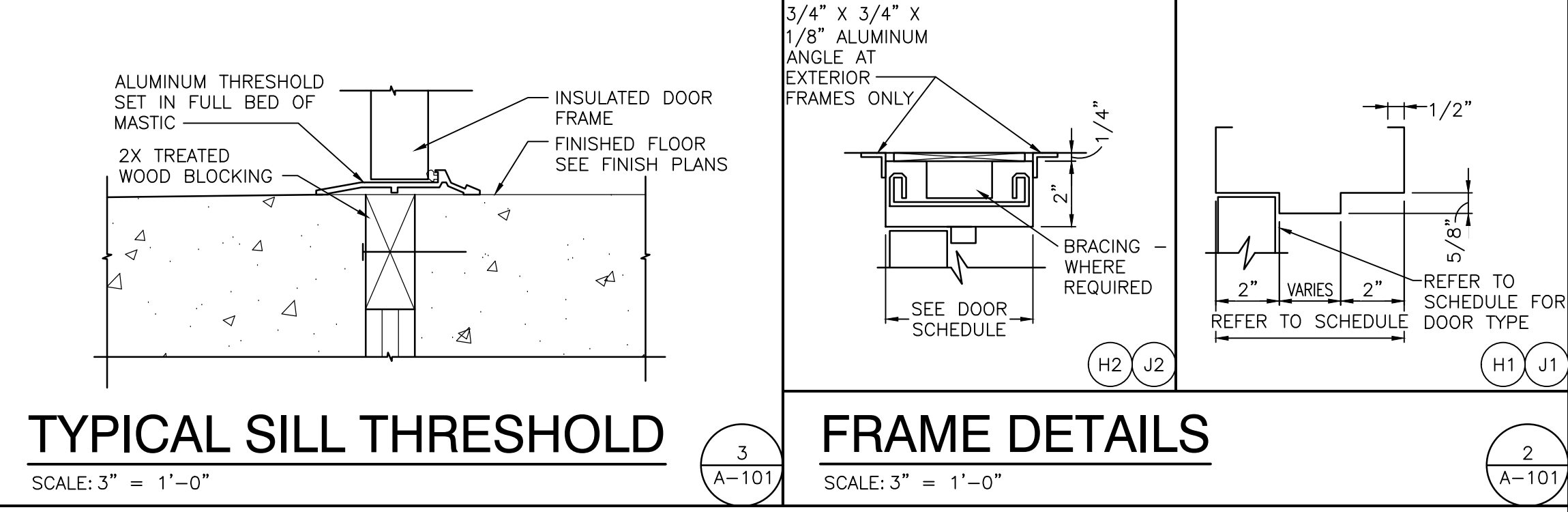
NOTES:

1. PANIC DEVICE TO HAVE ELECTRIC LATCH BOLT. PREPARE FRAME FOR ELECTRIFIED HINGE

2. DOOR TO BE CONTROLLED BY CARD READER. FOB. REFER TO ELECTRICAL DRAWINGS FOR ROUGH-INS

DOOR AND FRAME SCHEDULE

NO	DESCRIPTION	TYPE	DOOR SIZE (WxH) (INCHES)	MATERIAL	DOOR SIDE LGT	GLASS TRA	FRAME MAT'L	WIDTH	JAMB	HEAD	SILL	ELEV	LABEL	HARDWARE EXIT DEVICE	CLOSER	NOTES
D-144A	SINGLE DOOR	--	36 x 86	AL	--	--	AL	6"	J2	H2	3/ A-101	4/ A-101	--	Y	Y	1,2
D-144B	SINGLE DOOR	--	36 x 86	HM	--	--	HM	6 7/8"	J1	H1	--	4/ A-101	90 MIN	Y	Y	1
D-144C	OVERHEAD DOOR	--	144 x 120	AL	--	--	--	N/A	--	--	--	--	--	--	--	--



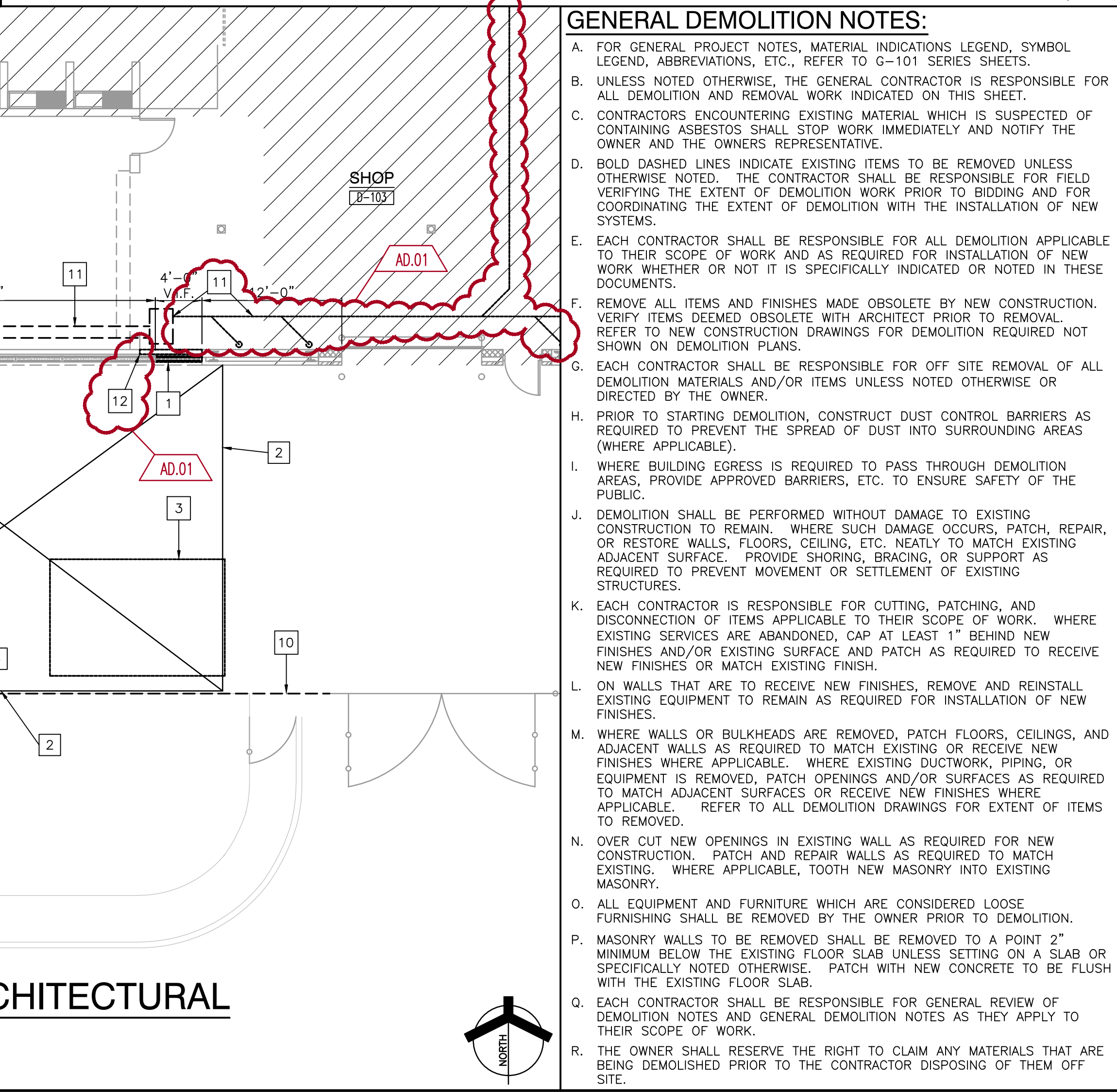
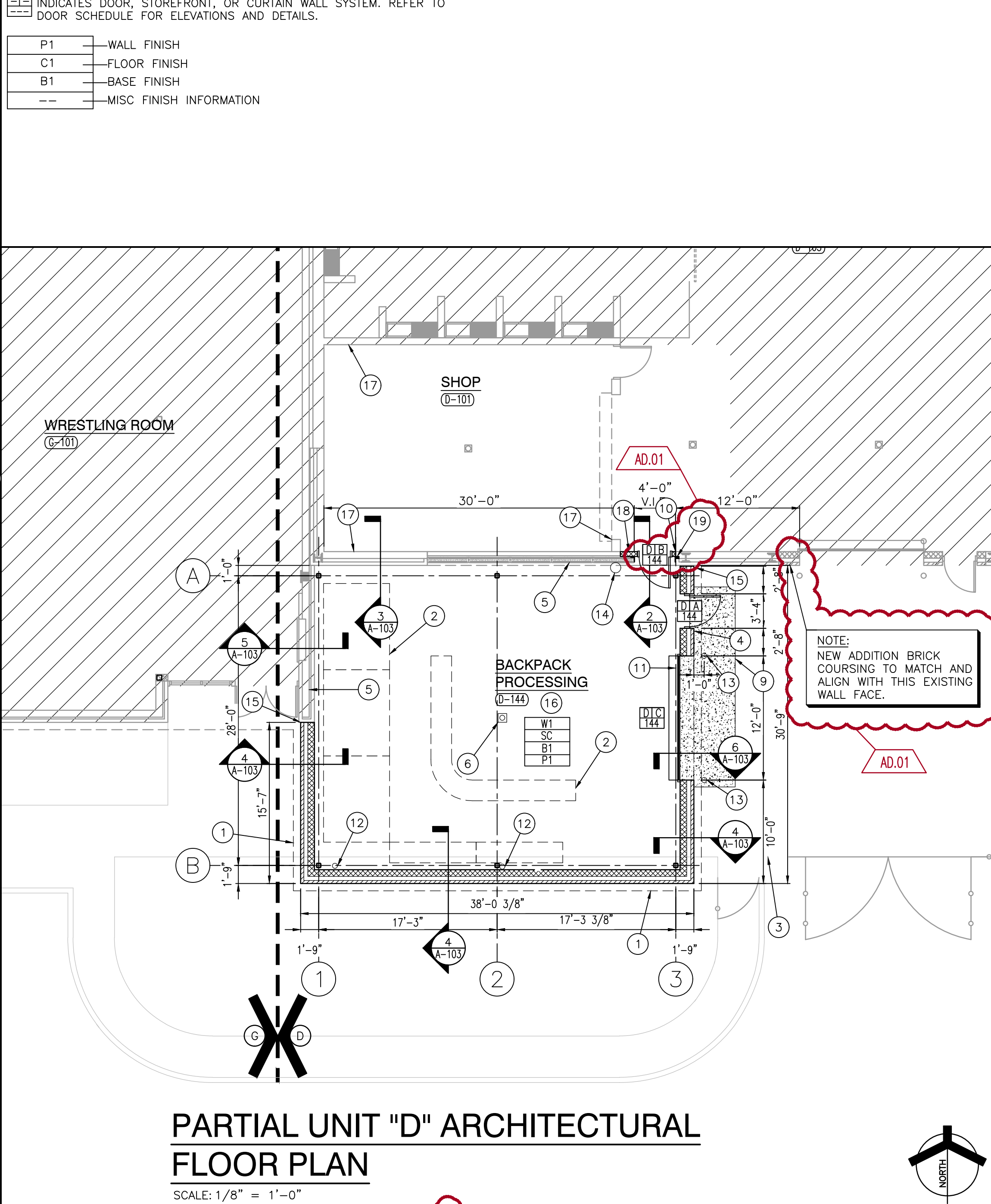
FINISH LEGEND					
SURFACE	MARK	DESCRIPTION	MANUFACTURER	PATTERN/FINISH	NUMBER/COLOR
	P1	PAINT	SHERWIN WILLIAMS	--	SW7007 CEILING BRIGHT WHITE
	P2	PAINT	SHERWIN WILLIAMS	--	ACIER SW 9170
	W1	WALL COATING	SHERWIN WILLIAMS	--	SW7015 REPOSE GREY
	SC	SEELED CONCRETE	--	--	--

PLAN SYMBOL LEGEND:

INDICATES AREA WHERE NO WORK IS TO OCCUR.

INDICATES DOOR, STOREFRONT, OR CURTAIN WALL SYSTEM. REFER TO DOOR SCHEDULE FOR ELEVATIONS AND DETAILS.

P1 - WALL FINISH
C1 - FLOOR FINISH
B1 - BASE FINISH
--- - MISC FINISH INFORMATION



GENERAL FINISH PLAN NOTES:

A. PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR --CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSIDERED THAT THE INSTALLER AND/OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.

B. PREPARE ALL WALL CONSTRUCTION, NEW AND EXISTING, TO RECEIVE NEW FINISHES AS PER MANUFACTURER'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.

C. ALL FLOORING IS TO BE LEVELED WITHIN 1/4" IN 10'-0" WITH LATEX MATERIAL. MOISTURE CONTENT IN AREA IS TO BE TESTED PRIOR TO INSTALLATION OF FLOORING MATERIAL. CONTRACTOR TO INSTALL FLOORING PER MANUFACTURER'S RECOMMENDED METHOD.

D. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.

E. ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC, THAT ARE NOTED TO BE PAINTED, SHALL BE PAINTED WITH ALKOY TYPE PAINT. COLOR TO BE COORDINATED WITH DESIGNER UNLESS OTHERWISE NOTED.

F. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL NEW INTERIOR WALL AND CEILING FINISHES WILL BE CLASS B MINIMUM, WITH A FLAME SPREAD RATING OF 75 MAXIMUM, AND A SMOKE DEVELOPED INDEX OF 450 MAXIMUM, PER IBC SECTION 803.

G. PAINT ALL SIDES OF NEW DOOR FRAMES AND EXISTING DOOR FRAMES CONNECTED TO ROOMS THAT RECEIVE NEW FINISHES, P4 UNLESS NOTED OTHERWISE.

H. EXPOSED SURFACES OF DUCTWORK TO BE PAINTED TO MATCH ADJACENT SURFACES UNLESS NOTED OTHERWISE.

I. REFER TO PROJECT MANUAL FOR FINISH LEVEL REQUIREMENTS FOR GYPSUM BOARD SURFACES, UNLESS OTHERWISE INDICATED.

GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-101.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.

C. 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.

D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

G. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

H. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

I. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.

J. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1 DASHED LINE INDICATES SOFFIT SYSTEM ABOVE.

2 OWNER PROVIDED EQUIPMENT AND SHELVING.

3 SALVAGE CHAIN LINK FENCE, REFER TO CIVIL DRAWINGS.

4 CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.

5 CLEAN AND THEN PAINT EXPOSED BRICK AND PRECAST CONCRETE PANELS IN THEIR ENTIRETY.

6 FLOOR DRAIN, REFER TO PLUMBING DRAWING.

7 WHERE CONNECTING CMU WALL HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).

8 NEW CONCRETE SLAB, REFER TO CIVIL DRAWINGS.

9 VOID SLAB

10 TOOTH IN NEW MASONRY INTO EXISTING AS REQUIRED TO MATCH EXISTING MASONRY SIZE AND LAYOUT FOR NEW BEAM BEARING.

11 NEW 12'-0" X 10'-0" OVERHEAD DOOR, FRAME AND HARDWARE

12 ROOF CONDUCTOR, REFER TO PLUMBING.

13 PIPE BOLLARD.

14 WALL MOUNTED FIRE EXTINGUISHER.

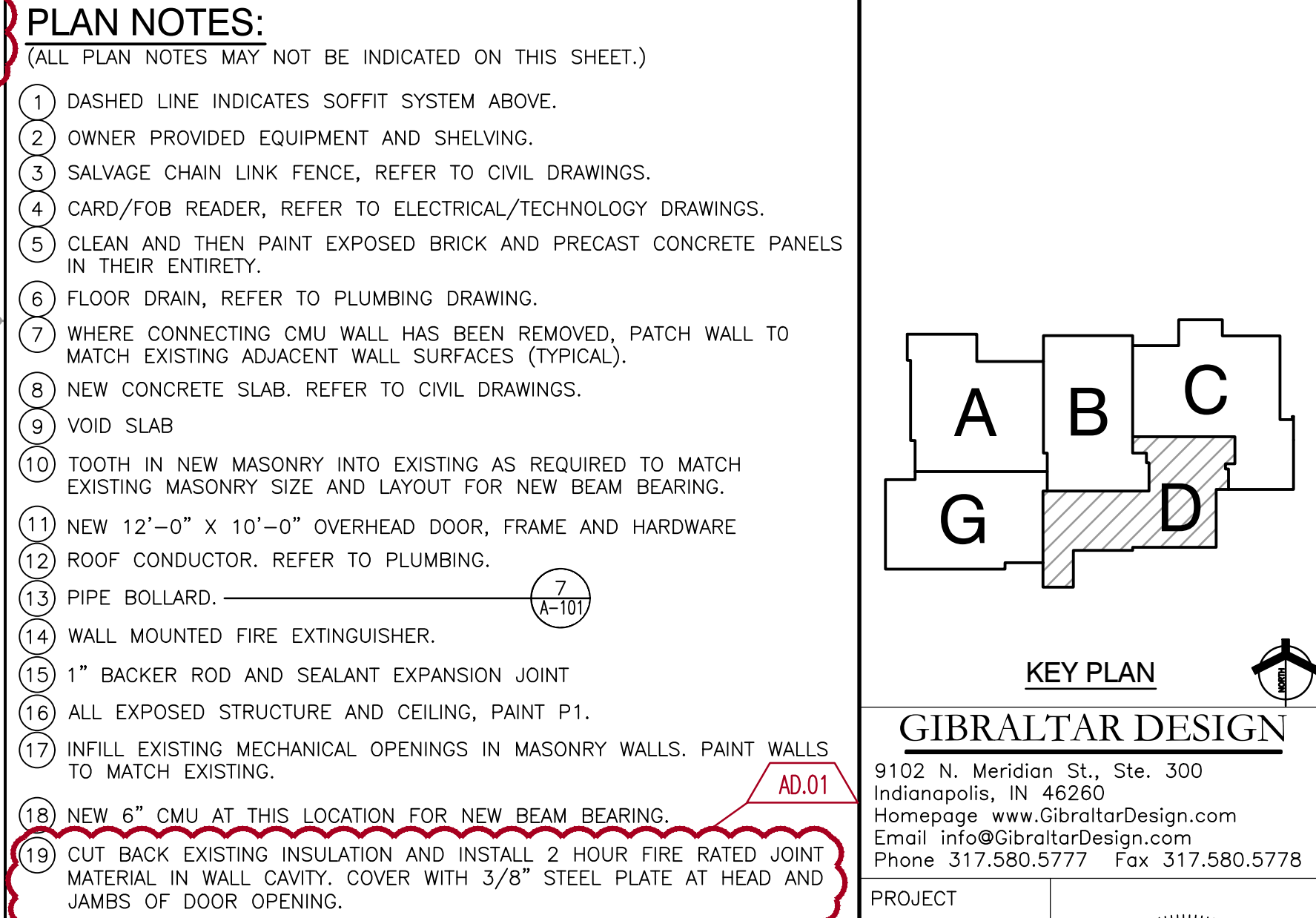
15 1" BACKER ROD AND SEALANT EXPANSION JOINT

16 ALL EXPOSED STRUCTURE AND CEILING, PAINT P1.

17 INFILL EXISTING MECHANICAL OPENINGS IN MASONRY WALLS. PAINT WALLS TO MATCH EXISTING.

18 NEW 6" CMU AT THIS LOCATION FOR NEW BEAM BEARING.

19 CUT BACK EXISTING INSULATION AND INSTALL 2 HOUR FIRE RATED JOINT MATERIAL IN WALL CAVITY. COVER WITH 3/8" STEEL PLATE AT HEAD AND JAMBS OF DOOR OPENING.



GENERAL DEMOLITION NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-101 SERIES SHEETS.

B. UNLESS NOTED OTHERWISE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.

C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNERS REPRESENTATIVE.

D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW SYSTEMS.

E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.

F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.

G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.

H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).

I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE PUBLIC.

J. DEMOLITION SHALL BE PERFORMED WITHOUT DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.

K. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH AS REQUIRED TO RECEIVE NEW FINISHES OR MATCH EXISTING FINISH.

L. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.

M. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO BE REMOVED.

N. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING, WHERE APPLICABLE. TOOTH NEW MASONRY INTO EXISTING MASONRY.

O. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.

P. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.

Q. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.

R. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.

DEMOLITION PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1 REMOVE MASONRY WALL AND PRECAST CONCRETE PANEL TO NEAREST HORIZONTAL JOINT, ROUGHLY 9'-4" AFF FIELD VERIFY, AND PREPARE OPENING FOR NEW DOOR.

2 REMOVE CONCRETE DRIVE AND SLAB IN THIS AREA FOR NEW ADDITION. REFER TO CIVIL.

3 REMOVE EXISTING PLANTING BOX IN ITS ENTIRETY. REFER TO CIVIL.

4 RELOCATE EXISTING SHED AND REMOVE FOUNDATION SYSTEM IN ITS ENTIRETY. CONFIRM WITH OWNER NEW LOCATION.

5 REMOVE HALF HEIGHT MASONRY WALL IN ITS ENTIRETY.

6 REMOVE EXISTING SOFFIT AND PARAPET WALL FOR NEW ROOF TIE IN.

7 REMOVE EXISTING LOUVER ABOVE IN ITS ENTIRETY. PREPARE FOR NEW WALL INFILL.

8 REMOVE EXISTING ABANDONED ACETYLENE GAS SYSTEM IN ITS ENTIRETY. PATCH WALL MOUNTED DROP DOWNS WHERE PIPES ENTERED BUILDING.

9 REMOVE EXISTING SHED ROOF AND WOOD POSTS IN THEIR ENTIRETY.

10 REMOVE EXISTING LOUVER ABOVE IN ITS ENTIRETY. SET ASIDE FENCE FOR REUSE TO END INTO BUILDING. REFER TO CIVIL.

11 REMOVE EXISTING ABANDONED RELIEF DUCT AND SYSTEM IN ITS ENTIRETY. INCLUDE WALL MOUNTED DROP DOWNS AND DISCONNECTED DUCTS IN SHOP D-103. REFER TO MECHANICAL. TOUCH UP PAINT WHERE EXISTING DUCTWORK IS REMOVED. MATCH EXISTING.

12 REMOVE FIRST CMU AND INSULATION AT THIS LOCATION TO INSTALL NEW 6" CMU FOR DOOR OPENING. REFER TO STRUCTURAL.



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PROJECT
**TRI-COUNTY
JR-SR HIGH
SCHOOL -
BACKPACK
ADDITION & NEW
MAINTENANCE
FACILITY**
TRI-COUNTY SCHOOL
CORPORATION
WOLCOTT, INDIANA

KEY PLAN

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PROJECT
24-120
DATE
08/14/25
COORDINATED BY
CND
DRAWN BY
CND
CHECKED BY
CND

JOSEPH P. BRIGGS
ARCHITECT
NO. 11600109
STATE OF INDIANA

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REVISIONS
MARK DATE ISSUED FOR
AD.01 09/18/25 ADDENDUM NO. 1

DRAWING
**PARTIAL UNIT "D" DEMO,
NEW, DOOR SCHEDULE, AND
DETAILS**

PROJECT
TRI-COUNTY JR-SR HS BACKPACK
ADDITION & NEW MAINTENANCE FACILITY

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D A-101

MECHANICAL EQUIPMENT SCHEDULE - BACKPACK ROOM																																							
TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	EFFICIENCY	FAN MOTOR DATA										DX COOLING EQUIPMENT/COIL DATA										ELECTRIC HEATING EQUIP/COIL DATA					ELECTRICAL DATA							UNITS CONTROLLED BY	EQUIPMENT WEIGHT	REMARKS
					MIN OAI CFM			TSP	ESP	BHP	HP	RPM	MBH	SHC	EDB	EWB	LDB	LWB	CAT	STAGES	MBH	KW	EAT	LAT	STEPS	LOAD				MOCR	VOLT	PHASE	HZ	STARTER					
					CFM	HIGH	LOW																			HP	MCA	FLA	AMPS					MC	EC				
RT-1	DAIKIN	DPS05B	ROOF MOUNTED DX COOLING / ELECTRIC HEATING ROOF TOP UNIT (SZ VAV)	17.8	1410	300	-	-	0.75	-	1.7	1593	54.4	38.3	80.0	67.0	53.8	53.8	95	MOD	61.4	18	60	100.2	SCCR	-	-	30.9	-	-	36	480	3	60	X	-	WALL MTD 1 STAT	1390	NOTE 1
EF-4	GREENHECK	G-200-VG	ROOF MOUNTED DOWNBLAST GENERAL EXHAUST FAN	-	3600	-	-	-	0.3	0.5	1	766	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.2	-	-	25	120	1	60	X	-	WALL SWITCH	130	NOTE 2	

AD-1

NOTE 1:
 PROVIDE WITH:
 • INTEGRATED ECONOMIZER WITH DIFFERENTIAL ENTHALPY SENSORS
 • FEEDBACK SIGNAL w/ IECC 2015 COMPLIANT LOW LEAK ECONOMIZER DAMPER
 • DIGITAL SCROLL (LEAD ONLY) OR VARIABLE SPEED COMPRESSORS
 • S/A DIRECT DRIVE FANS w/ VFD
 • NON-FUSED DISCONNECT SWITCH
 • SHORT CIRCUIT RATING 10K
 • BAC-net INTEGRATION CARD
 • PHASE & BROWN-OUT PROTECTION
 • HINGED ACCESS DOORS
 • VIBRATION ISOLATION CURB w/ HUSHCORE DECK DS-53 ACOUSTICAL TREATMENT
 • ELECTRIC HEAT WITH SCCR CONTROLS
 • SINGLE ZONE VAV HEATING AND COOLING
 • SUPPLY FAN MINIMUM SPEED: 30% COOLING - 50% VENTILATION - 70% HEATING
 • METAL MESH OUTSIDE AIR INTAKE HOOD FILTER
 • CONDENSER FAN w/ VFD w/ HEAD PRESSURE CONTROL & SITE GLASS
 • SITE GLASS
 • HAIL CONDENSER COIL GUARD PROTECTION
 • FILTERS: 4" MERV 13" & 2" MERV 8
 • OFF SET CONCENTRIC DIFFUSER WITH 18"Ø ROUND DUCT KIT
 SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

NOTE 2:
 PROVIDE WITH:
 • DISCONNECT SWITCH
 • MOTORIZED DAMPER
 • BIRD SCREEN
 • ROOF CURB
 SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

MECHANICAL EQUIPMENT SCHEDULE - ELECTRIC HEATERS - BACKPACK ROOM																						
TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	FAN DATA	ELECTRIC HEAT DATA				ELECTRICAL DATA										UNITS CONTROLLED	EQUIP WEIGHT	REMARKS	
				S/A	LOAD										DISC. SWT.							
					CFM	MBH	KW	EAT	LAT	HP	MCA	FLA	AMPS	MOCPP		VOLT	PHASE	HZ				MC
EUH	INDEECO	240-U3200U-DX	WALL MOUNTED ELECTRIC UNIT HEATER	1100	68.2	20.0	60	117	-	-	-	-	24.5	35	480	3	60	-	X	WALL MTD TSTAT	55	-

MECHANICAL EQUIPMENT SCHEDULE - ELECTRIC HEATERS - MAINTENANCE BLDG																							
TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	FAN DATA		ELECTRIC HEAT DATA					ELECTRICAL DATA										UNITS CONTROLLED	EQUIP WEIGHT	REMARKS
				S/A	CFM	MBH	KW	EAT	LAT	HP	MCA	FLA	AMPS	MOCPP	VOLT	PHASE	HZ	DISC. SWT.					
																		MC	EC				
CUH	QMARK	AWH4404F	RECESSED WALL MOUNTED ELECTRIC CABINET HEATER	250		10.2	3.0	60	97.7	-	-	-	14.4	20	208	1	60	-	-	X	INTEGRAL TSTAT	25	-

CEILING FAN SCHEDULE - MAINTENANCE BLDG															
CF MARK	QMARK MANUFACTURER MODEL NO.	LOCATION	FAN TYPE AND DESCRIPTION	CFM	FAN DIA.	DRIVE TYPE	MOTOR DATA								
							HP (WATTS)	RPM	VOLTS	PH					
CF-1	LEADING EDGE 56001HP	MAINTENANCE GARAGE	HEAVY DUTY CEILING FAN	6561	56"	DIRECT	64.3	---	120	1					
CF-2	LEADING EDGE 56001HP	MAINTENANCE GARAGE	HEAVY DUTY CEILING FAN	6561	56"	DIRECT	64.3	---	120	1					
CF-3	LEADING EDGE 56001HP	MAINTENANCE GARAGE	HEAVY DUTY CEILING FAN	6561	56"	DIRECT	64.3	---	120	1					
CF-4	LEADING EDGE 56001HP	MAINTENANCE GARAGE	HEAVY DUTY CEILING FAN	6561	56"	DIRECT	64.3	---	120	1					
NOTES:															
1. PROVIDE FAN WITH 8" DOWNROD AND WALL MOUNTED FAN SPEED CONTROLLER (WITH ON/OFF SWITCH) BY FAN MANUFACTURER, INSTALLED BY EC.															

NOTES:
 1. PROVIDE FAN WITH 8" DOWNROD AND WALL MOUNTED FAN SPEED CONTROLLER (WITH ON/OFF SWITCH) BY FAN MANUFACTURER, INSTALLED BY EC.

INTAKE HOOD SCHEDULE						
TAG	MANUFACTURER	MODEL #	THROAT SIZE	DESCRIPTION	HOOD LOCATION	REMARKS
IH-1	GREENHECK	FGI	28x28	OUTSIDE AIR INTAKE HOOD FOR WELDING SHOP D-102	ROOF OF WELDING SHOP D-102	PROVIDE W/ BIRDSCREEN, 24" HIGH ROOF CURB, WASHABLE FILTERS, AND MOTORIZED DAMPER.

AD-1

MECHANICAL EQUIPMENT SCHEDULE - MAINTENANCE BLDG																														
TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	EFFICIENCY	FAN MOTOR DATA								GAS FIRED HEATING EQUIPMENT DATA							ELECTRICAL DATA								UNITS CONTROLLED BY	EQUIPMENT WEIGHT	REMARKS
					MIN OAI CFM			TSP	ESP	BHP	HP	RPM	MBH (IN)	MBH (OUT)	EAT	LAT	STAGES	LOAD				MOCPP	VOLT	PHASE	HZ	STARTER:				
					CFM	HIGH	LOW											HP	MCA	FLA	AMPS					MC	EC			
EF-1	GREENHECK	G-240-VG	ROOF MOUNTED EXHAUST FAN		6600	-	-	-	0.5	-	2	830	-	-	-	-	-	2	-	-	-	25	208	1	60	X	-	INTR'LK TO CO MONITOR	175	NOTE 1
EF-2	GREENHECK	SP-A110	CEILING MOUNTED CABINET STYLE EXHAUST FAN		110	-	-	-	0.12	-	0.01	950	-	-	-	-	-	1/10	-	-	-	15	120	1	60	X	-	INTR'LK TO TOILET ROOM LIGHTS	30	NOTE 2
UH-1	MODINE	HDS-125	GAS FIRED WALL MOUNTED UNIT HEATER		1980	300	-	-	0.75	-	1.7	1625	125	102.5	65.0	112.0	-	1/8	-	-	-	15	120	1	60	X	-	INTEGRAL TSTAT	125	NOTE 3
UH-2	MODINE	HDS-125	GAS FIRED WALL MOUNTED UNIT HEATER		1980	300	-	-	0.75	-	1.7	1625	125	102.5	65.0	112.0	-	1/8	-	-	-	15	120	1	60	X	-	INTEGRAL TSTAT	125	NOTE 3
UH-3	MODINE	HDS-125	GAS FIRED WALL MOUNTED UNIT HEATER		1980	300	-	-	0.75	-	1.7	1625	125	102.5	65.0	112.0	-	1/8	-	-	-	15	120	1	60	X	-	WALL MTD TSTAT	125	NOTE 3
UH-4	MODINE	HDS-125	GAS FIRED WALL MOUNTED UNIT HEATER		1980	300	-	-	0.75	-	1.7	1625	125	102.5	65.0	112.0	-	1/8	-	-	-	15	120	1	60	X	-	WALL MTD TSTAT	125	NOTE 3

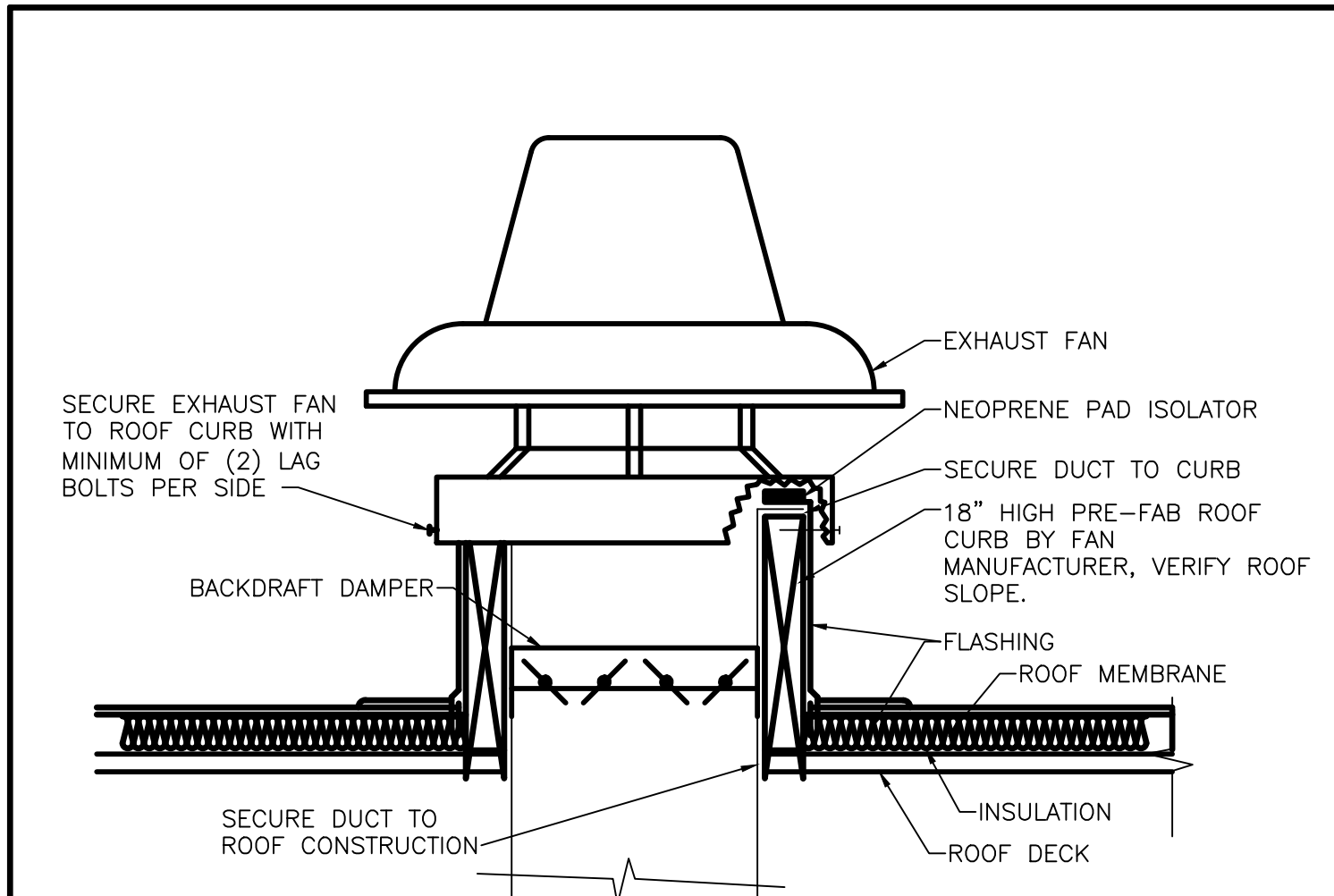
NOTE 1:
 PROVIDE WITH:
 • DISCONNECT SWITCH
 • MOTORIZED DAMPER
 • BIRD SCREEN
 • ROOF CURB
 SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

NOTE 2:
 PROVIDE WITH:
 • BUILT-IN BACKDRAFT DAMPER
 • INTEGRAL METAL GRILLE
 • VIBRATION ISOLATION HANGARS
 SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

NOTE 3:
 PROVIDE WITH:
 • VIBRATION ISOLATION HANGARS
 • CONCENTRIC VENT KIT
 • VERTICAL CONCENTRIC VENTING/ROOF TERMINATION
 SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

SYMBOLS/ABBREVIATIONS

SYMBOL	DESCRIPTION	ABBREVIATIONS	DESCRIPTION
☒	SUPPLY OR OUTSIDE AIR DUCT DOWN	AD	AUTOMATIC DAMPER
☒	SUPPLY OR OUTSIDE AIR DUCT UP	CAT	CONDENSING AIR TEMPERATURE
☒	RETURN OR EXHAUST OR RELIEF DUCT DOWN	CFM	CUBIC FEET PER MINUTE
☒	RETURN OR EXHAUST OR RELIEF DUCT UP	DN.	DOWN
☒	SEE SCHEDULES	DS	DISCONNECT SWITCH
☒	SEE SCHEDULES	DX	DIRECT EXPANSION
☒	SEE SCHEDULES	EAT	ENTERING AIR TEMPERATURE
☒	SEE SCHEDULES	EDB	ENTERING DRY BULB TEMPERATURE
☒	SEE SCHEDULES	ESP	EXTERNAL STATIC PRESSURE
☒	SEE SCHEDULES	EUH	ELECTRIC UNIT HEATER
☒	SEE SCHEDULES	EWB	ENTERING WET BULB TEMPERATURE
☒	SEE SCHEDULES	EX	EXISTING
☒	SEE SCHEDULES	HP	HORSE POWER
☒	SEE SCHEDULES	HZ	HERTZ
☒	SEE SCHEDULES	LAT	LEAVING AIR TEMPERATURE
☒	SEE SCHEDULES	LDB	LEAVING DRY BULB TEMPERATURE
☒	SEE SCHEDULES	LWB	LEAVING WET BULB TEMPERATURE
☒	SEE SCHEDULES	MBH	1,000 BTU/HOUR
☒	SEE SCHEDULES	MOD	MODULATING
☒	SEE SCHEDULES	O/A	OUTSIDE AIR
☒	SEE SCHEDULES	R/A	RETURN AIR
☒	SEE SCHEDULES	RPM	REVOLUTIONS PER MINUTE
☒	SEE SCHEDULES	RT	ROOFTOP UNIT
☒	SEE SCHEDULES	S/A	SUPPLY AIR
☒	SEE SCHEDULES	SHC	SENSIBLE HEAT CAPACITY
☒	SEE SCHEDULES	TSP	TOTAL STATIC PRESSURE



ROOF EXHAUST FAN MOUNTING DETAIL

NOT TO SCALE

GENERAL NOTES

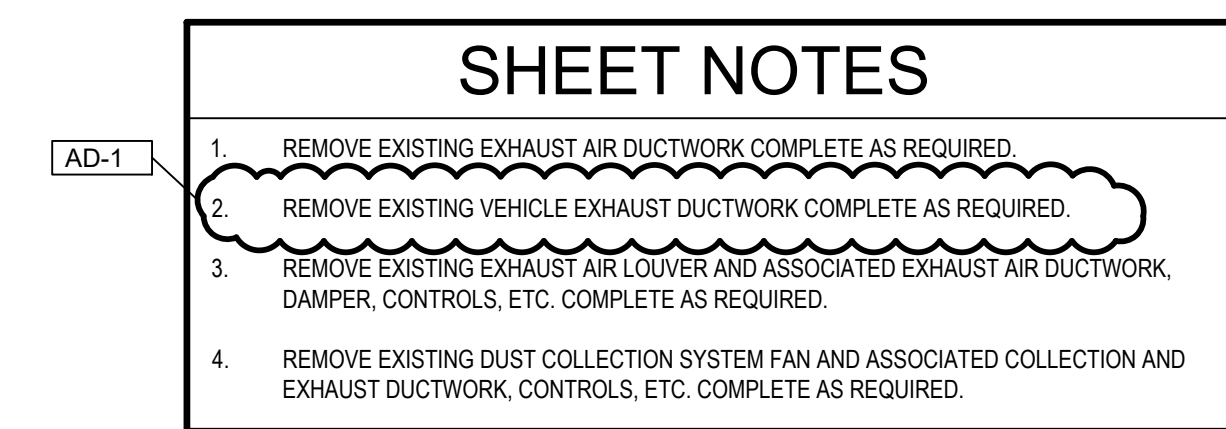
- WORK SHALL COMPLY WITH LOCAL, MUNICIPAL, AND STATE HVAC CODES.
- COMMISSIONING: THE OWNER WILL HIRE A COMMISSIONING AGENCY (CXA) TO COMMISSION THE MECHANICAL SYSTEMS FOR THIS PROJECT. THE CXA WILL DEVELOP A COMMISSIONING PLAN THAT WILL OUTLINE THE REQUIREMENTS AND PROCEDURES FOR EACH COMMISSIONED SYSTEM AND WILL BE RESPONSIBLE THAT THE COMMISSIONING MEETS THE REQUIREMENTS OF THE CURRENT ENERGY CODE. THE COMMISSIONING PLAN WILL BE DEVELOPED AFTER CONTRACTS HAVE BEEN AWARDED AND PRIOR TO COMPLETION OF THE SYSTEMS TO BE COMMISSIONED.
- THE SCOPE OF WORK SPECIFIED HEREIN AND IN THE SPECIFICATIONS SHALL BE PERFORMED UNDER THE DIRECTION OF A CONSTRUCTION MANAGER. REFER TO THE CONSTRUCTION MANAGER'S INSTRUCTIONS AND DIRECTIONS FOR DETAILS RELATING TO THE EXACT SCOPE OF EACH TRADE. ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND CONSTRUCTION MANAGER'S DIRECTIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR CLARIFICATION. THE ARCHITECT/ENGINEER'S DECISION SHALL BE FINAL.
- LAYOUT IS DIAGRAMMATIC AND CONTRACTOR SHALL INSTALL DUCTWORK, PIPING AND EQUIPMENT TO MEET ACTUAL FIELD CONDITIONS. REVIEW PROJECT SPECIFICATIONS BEFORE STARTING ANY WORK. SUBMIT SHOP DRAWINGS OF WORK AS PER SPECIFICATIONS.
- LAYOUT WORK TO AVOID CONFLICTS BETWEEN DUCTWORK, LIGHTING, CEILING, PIPING AND BUILDING STRUCTURE.
- COORDINATE EQUIPMENT ELECTRICAL REQUIREMENTS (VOLTAGES, PHASE, LOAD, ETC.) BEFORE ORDERING ANY EQUIPMENT.
- ROUTE DUCTWORK AS HIGH AS POSSIBLE TO AVOID CONFLICTS WITH OTHER TRADES. ROUTE DUCTWORK BETWEEN AND THROUGH JOIST SPACES AND BETWEEN LIGHT FIXTURES AS REQUIRED. VERIFY CONDITIONS AND DUCTWORK ROUTING IN FIELD PRIOR TO INSTALLATION.
- DUCTWORK, PIPING, EQUIPMENT, ETC. SHALL NOT BE SUPPORTED FROM THE BOTTOM CHORD OF ENGINEERED JOISTS WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.
- PROVIDE MANUAL BALANCING DAMPERS AT EACH LOW PRESSURE SUPPLY AIR, RETURN AIR AND EXHAUST DUCTWORK TAKE-OFF INCLUDING TAKEOFFS TO EACH AIR DISTRIBUTION DEVICE. DAMPERS SHALL HAVE LOCKING QUADRANT REGULATORS WITH SPRING LOADED END BEARING. INSTALLATION SHALL BE RATTLE FREE. BE RESPONSIBLE FOR LOCATING BALANCING DEVICES AND COORDINATE LOCATIONS FOR TESTING AND BALANCING.
- VERIFY EXACT THERMOSTAT AND SENSOR LOCATIONS IN FIELD PRIOR TO ROUGH-IN OR INSTALLATION. CONTROL WIRING TO BE ROUTED IN CONDUIT.
- COORDINATE PHASING OF WORK AND PROVIDE TEMPORARY EQUIPMENT. DUCTWORK AND PIPING AS REQUIRED FOR THE IMPLEMENTATION OF WORK WHILE MAINTAINING SERVICES TO PORTIONS OF BUILDING TO REMAIN OCCUPIED.
- SCHEDULE WORK TO AVOID DOWNTIME AND INCONVENIENCE TO OWNER. OWNERS EXISTING FACILITY SHALL REMAIN IN OPERATION AT ALL TIMES. REQUIRED SHUTDOWN OF EXISTING UTILITIES SHALL BE SCHEDULED WITH OWNERS' OPERATING PERSONNEL. NOTIFY OWNERS REPRESENTATIVE 48 HOURS IN ADVANCE PRIOR TO ANY SHUTDOWN OF EXISTING MECHANICAL SYSTEMS.
- VISIT SITE PRIOR TO BIDDING TO FULLY DETERMINE FIELD CONDITIONS AND TO VERIFY EXISTING MECHANICAL SYSTEMS INCLUDING QUANTITIES AND LOCATIONS TO DETERMINE THE FULL EXTENT OF NEW AND DEMOLITION WORK.
- COORDINATE NEW INSTALLATIONS WITH EXISTING SYSTEMS. ANY EXISTING CONDUIT, PIPING, DUCTWORK, EQUIPMENT, ETC. SHALL BE REWORKED AS REQUIRED TO AVOID CONFLICTS WITH THE INSTALLATION OF THE NEW MECHANICAL SYSTEMS. NO EXTRAS WILL BE ALLOWED AFTER BIDDING FOR ANY REWORK OF EXISTING FIELD CONDITIONS TO RESOLVE ANY CONFLICTS OR NOT FULLY UNDERSTANDING THE SCOPE OF THE WORK REQUIRED. EXISTING EQUIPMENT, DUCTWORK, PIPING, ETC. SHALL BE REMOVED AS NOTED ON DRAWINGS AND AS REQUIRED TO MEET SCOPE OF NEW WORK.
- EXISTING INFORMATION IDENTIFIED ON THE CONTRACT DOCUMENTS IS SCHEMATIC ONLY. BE RESPONSIBLE TO PROPERLY ADDRESS EXISTING CONDITIONS FOR A COMPLETE AND PROPER INSTALLATION OF NEW SYSTEMS. EXISTING EQUIPMENT NOT IDENTIFIED SHALL BE REVIEWED AS TO WHETHER THE EQUIPMENT SHALL REMAIN AND BE RECONNECTED TO THE NEW SERVICES, BE RELOCATED, BE ABANDONED, ETC.
- ANY HIDDEN CONDITIONS IDENTIFIED THROUGH THE COURSE OF CONSTRUCTION SHALL BE IMMEDIATELY REPORTED IN WRITTEN FORM FOR REVIEW AND DIRECTION. OTHERWISE, BE RESPONSIBLE FOR ANY AND REQUIRED CHANGES AND COSTS TO CORRECT SAID HIDDEN CONDITION.
- REMOVE EXISTING EQUIPMENT, PIPING, DUCTWORK, ETC. PRESENTLY SERVING AREAS THAT ARE BEING RENOVATED AND THAT ARE NOT REQUIRED TO STAY IN SERVICE. NO EQUIPMENT, DUCTWORK, PIPING, SUPPORTS, HANGERS, ETC. IS TO BE LEFT ABANDONED. VERIFY QUANTITY, LOCATION AND ELEVATION OF EXISTING TO BE REMOVED. FIELD REMOVE EXISTING ABANDONED EQUIPMENT. DUCTWORK AND PIPING IN AREAS THAT ARE TO BE RENOVATED.
- REMOVE DUCTWORK, PIPING AND CONTROLS ARE TO BE TERMINATED PROPERLY BACK TO EXISTING MAINS. PATCH AND SEAL EXISTING DUCTWORK AIRTIGHT. CAP PIPING WATER/TIGHT. PROVIDE ADDITIONAL DUCTWORK, PIPING AND CONTROLS AS REQUIRED TO MAINTAIN CONTINUITY OF EXISTING SYSTEMS MODIFIED DUE TO REMOVAL OF PORTION OF SYSTEMS. REPAIR DAMAGED DUCTWORK AND PIPING INSULATION DUE TO NEW INSTALLATION WORK.
- EXISTING EQUIPMENT SHALL REMAIN PROPERTY OF THE OWNER AND OWNER SHALL DETERMINE IF EQUIPMENT IS TO BE

STORED ON SITE AT OWNER SELECTED LOCATION OR IF EQUIPMENT IS TO BE ABANDONED OR REMOVED FROM SITE.
 FF. PATCH EXISTING CEILING, FLOOR, WALL AND ROOF OPENINGS AND SURROUNDING FINISHES RESULTING FROM REMOVAL OF EXISTING MATERIALS AND EQUIPMENT SO THAT FINISH WILL MATCH EXISTING IN SURROUNDING AREAS. OPENINGS IN MASONRY WALLS RESULTING FROM REMOVED THERMOSTATS ARE TO BE COVERED WITH A BLANK STAINLESS STEEL COVER PLATE.

GG. PROVIDE FINISHING OF EXISTING CEILING, FLOOR, AND WALL SURFACES AT LOCATIONS AFFECTED BY REMOVAL OF EXISTING MATERIALS AND EQUIPMENT SO THAT NEW FINISH WILL MATCH EXISTING IN SURROUNDING AREAS.

II. REMOVE EXISTING CEILING AND LIGHT FIXTURES REQUIRED FOR INSTALLATION OF NEW WORK. REINSTALL CEILING AND LIGHT FIXTURES UPON COMPLETION OF WORK. REPLACE DAMAGED CEILING MATERIALS TO MATCH EXISTING.

JJ. PROVIDE CUTTING, CORE DRILLING AND PATCHING OF EXISTING WALL AND ROOF CONSTRUCTIONS REQUIRED FOR THE INSTALLATION OF NEW DUCTWORK, PIPING AND EQUIPMENT. SEAL PENETRATIONS THROUGH WALL AND ROOF STRUCTURE WATER/TIGHT AND WITH AN APPROVED FIRE STOPPING MATERIAL, INCLUDING APPROVED FIRE RATED SLEEVE.



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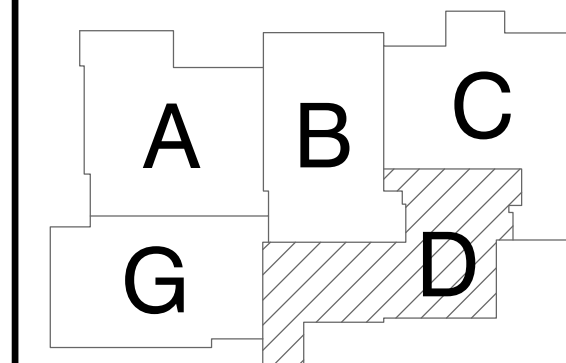


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PROJECT
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SCHOOL -
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ADDITION & NEW
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KEY PLAN

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PROJECT

24-120

DATE 05/05/05

08/15/

COORDINATE
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EH

CHECKED BY _____
DATE _____

DJ

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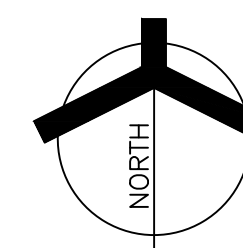
DRAWING
UNIT "D" FIRST FLOOR
MECHANICAL DEMOLITION
PLAN

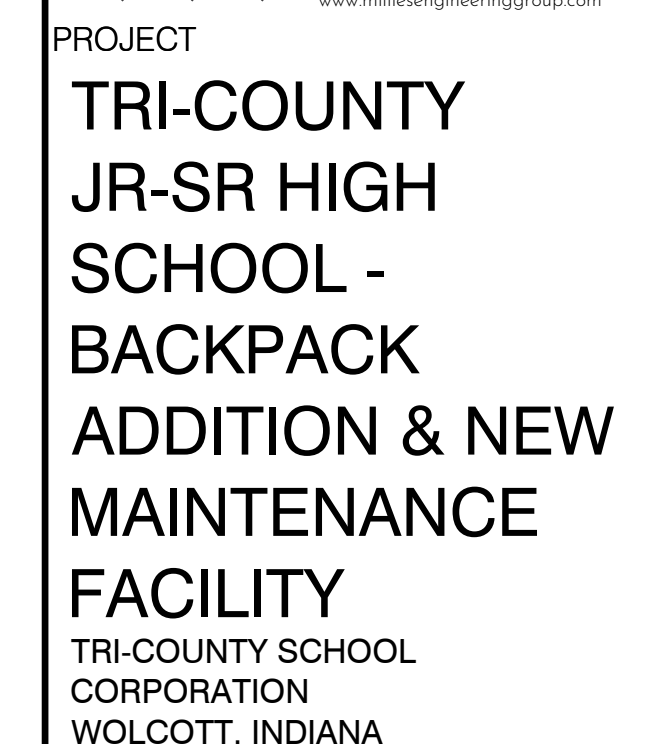
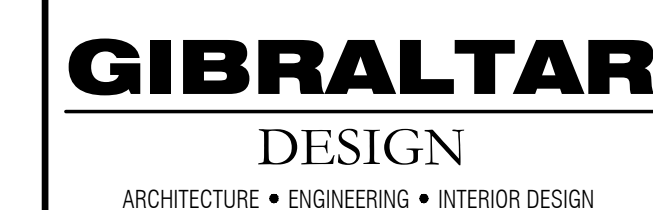
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ADDITION & NEW MAINTENANCE FACILITY

GIBALTAR DESIGN
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UNIT "D" FIRST FLOOR MECHANICAL DEMOLITION PLAN

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





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PROJECT
24-120
DATE
08/15/25
COORDINATED BY
JC
DRAWN BY
EH
CHECKED BY
D.I.

DAVID G. JANNEY
REGISTERED
NO.
10302590
STATE OF
INDIANA
PROFESSIONAL ENGINEER

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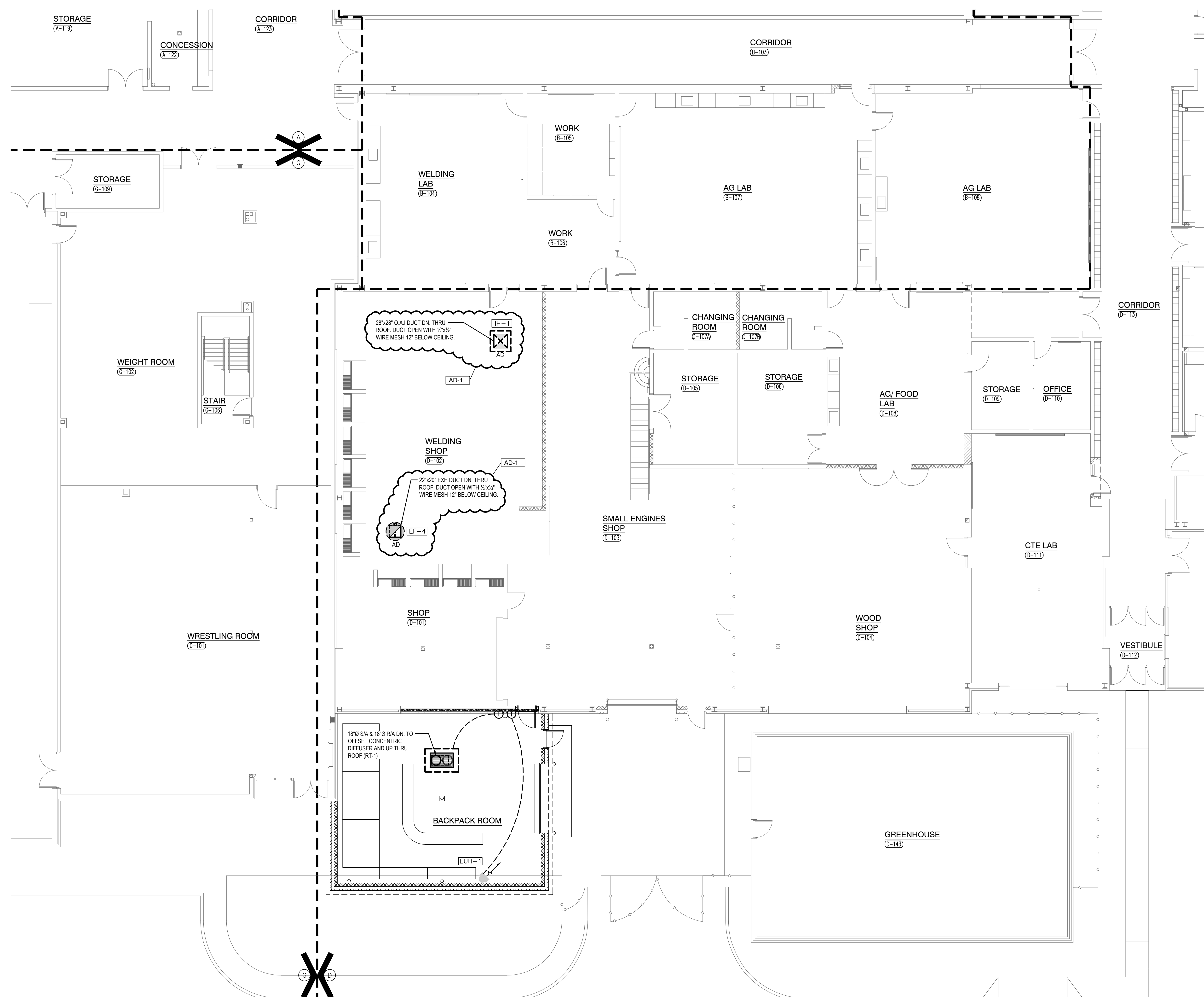
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DRAWING
UNIT "D" FIRST FLOOR
MECHANICAL PLAN

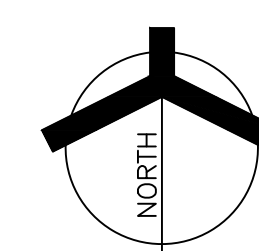
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ADDITION & NEW MAINTENANCE FACILITY

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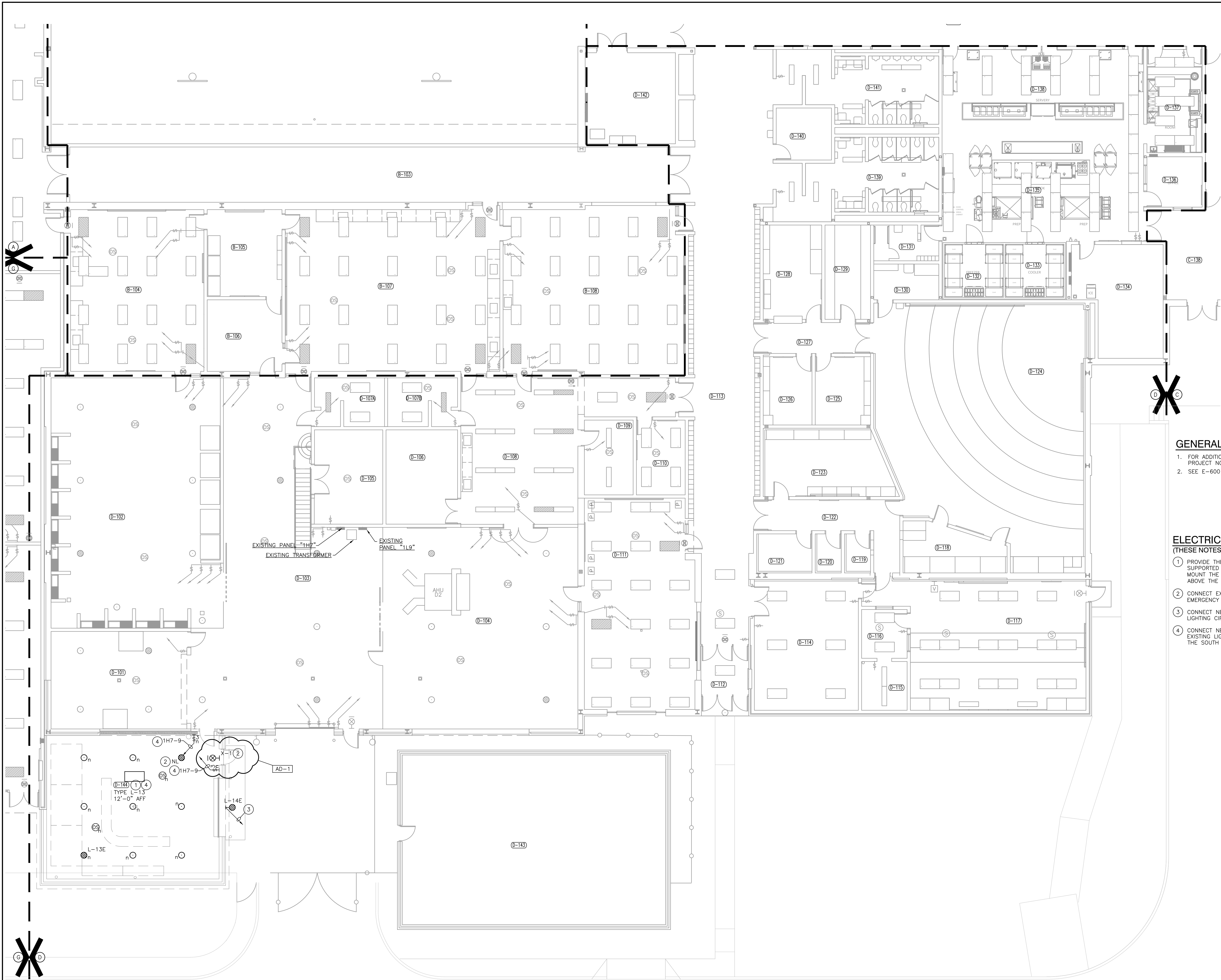


UNIT "D" FIRST FLOOR MECHANICAL PLAN

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

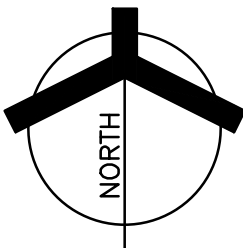


Thursday, 9/18/2025 - 10:31 AM - LAST SAVED BY: CHAMBERS
Y:\24-120 TRI-COUNTY SC - JR-SR HIGH SCHOOL
ADDITION AND RENOVATIONS\24-120 DRAWINGS
BACKPACK\09 ELEC\E-101.DWG



UNIT "D" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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



ROOM LEGEND	
ROOM NO.	ROOM NAME
D-101	SHOP
D-102	WELDING SHOP
D-103	SMALL ENGINES SHOP
D-104	WOOD SHOP
D-105	STORAGE
D-106	STORAGE
D-107A	CHANGING ROOM
D-107B	CHANGING ROOM
D-108	AG/FOOD LAB
D-109	STORAGE
D-110	OFFICE
D-111	CTE LAB
D-112	VESTIBULE
D-113	CORRIDOR
D-114	STORAGE
D-115	STORAGE
D-116	OFFICE
D-117	CHORAL
D-118	STORAGE
D-119	PRACTICE
D-120	PRACTICE
D-121	PRACTICE
D-122	PASSAGE
D-123	REHEARSAL
D-124	BAND
D-125	OFFICE
D-126	OFFICE
D-127	PASSAGE
D-128	MUSIC LIBRARY
D-129	UNIFORMS
D-130	ROOM
D-131	TOILET
D-132	FREEZER
D-133	COOLER
D-134	STORAGE
D-135	KITCHEN
D-136	OFFICE
D-137	DISHWASHING
D-138	SERVING
D-139	GIRLS
D-140	STORAGE
D-141	BOYS
D-142	ELECTRICAL
D-143	GREENHOUSE
D-144	BACKPACK PROCESSING

GENERAL NOTES:

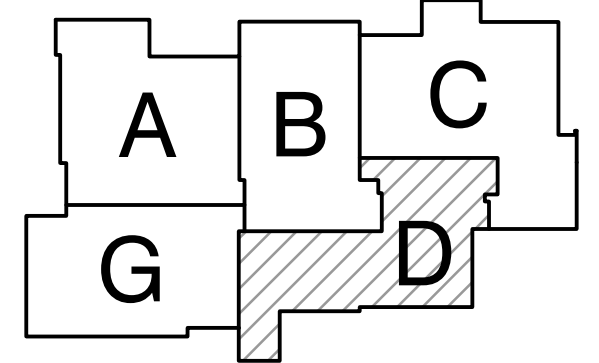
1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
2. SEE E-600 SERIES DRAWINGS FOR PANEL SCHEDULES.

ELECTRICAL PLAN NOTES:
(THESE NOTES APPLY TO THIS SHEET ONLY)

1. PROVIDE THE APPROPRIATE STRUCTURAL STEEL CHANNEL SUPPORTS SUPPORTED FROM THE BUILDING STRUCTURE TO PROPERLY PENDANT MOUNT THE LIGHTING FIXTURES IN THE LOCATIONS SHOWN AT +12'-0" ABOVE THE FINISHED FLOOR TO THE BOTTOM OF THE LIGHTING FIXTURES.
2. CONNECT EXIT SIGN AND EMERGENCY NIGHT LIGHT (NL) TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS AREA.
3. CONNECT NEW EXTERIOR LIGHTING FIXTURE TO THE EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROLS.
4. CONNECT NEW LIGHTING FIXTURE AND CONTROLS IN THIS ROOM TO THE EXISTING LIGHTING CIRCUIT SERVING LIGHTING FIXTURES AND CONTROLS IN THE SOUTH END OF THE SMALL ENGINE SHOP D-103.



PROJECT
TRI-COUNTY
JR-SR HIGH
SCHOOL -
BACKPACK
ADDITION & NEW
MAINTENANCE
FACILITY
TRI-COUNTY SCHOOL
CORPORATION
WOLCOTT, INDIANA



KEY PLAN
GIBALTAR DESIGN
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Indianapolis, IN 46260
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PROJECT
24-120
DATE
08/14/25
COORDINATED BY
PCB
DRAWN BY
PCB JVC
CHECKED BY
DJ

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REVISIONS		
MARK	DATE	ISSUED FOR
AD-1	09/18/25	ADDENDUM NO. 1

DRAWING
UNIT "D" ELECTRICAL
FIRST FLOOR LIGHTING
PLAN

PROJECT
TRI-COUNTY JR-SR HS BACKPACK
ADDITION & NEW MAINTENANCE FACILITY

D E-101

PROJECT

**TRI-COUNTY
JR-SR HIGH
SCHOOL -
BACKPACK
ADDITION & NEW
MAINTENANCE
FACILITY**

TRI-COUNTY SCHOOL
CORPORATION
WOLCOTT, INDIANA

ROOM LEGEND	
ROOM NO.	ROOM NAME
D-101	SHOP
D-102	WELDING SHOP
D-103	SMALL ENGINES SHOP
D-104	WOOD SHOP
D-105	STORAGE
D-106	STORAGE
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D-134	STORAGE
D-135	KITCHEN
D-136	OFFICE
D-137	DISHWASHING
D-138	SERVING
D-139	GIRLS
D-140	STORAGE
D-141	BOYS
D-142	ELECTRICAL
D-143	GREENHOUSE
D-144	BACKPACK PROCESSING

A diagram showing a 2D grid of cells. The cells are labeled A, B, C, D, and G. Cell D is shaded with diagonal lines. The grid is as follows:

A	B	C
G		D

KEY PLAN

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PROJECT
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08/14/25
COORDINATED BY
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DRAWN BY
PCB JVC
CHECKED BY
DJJ

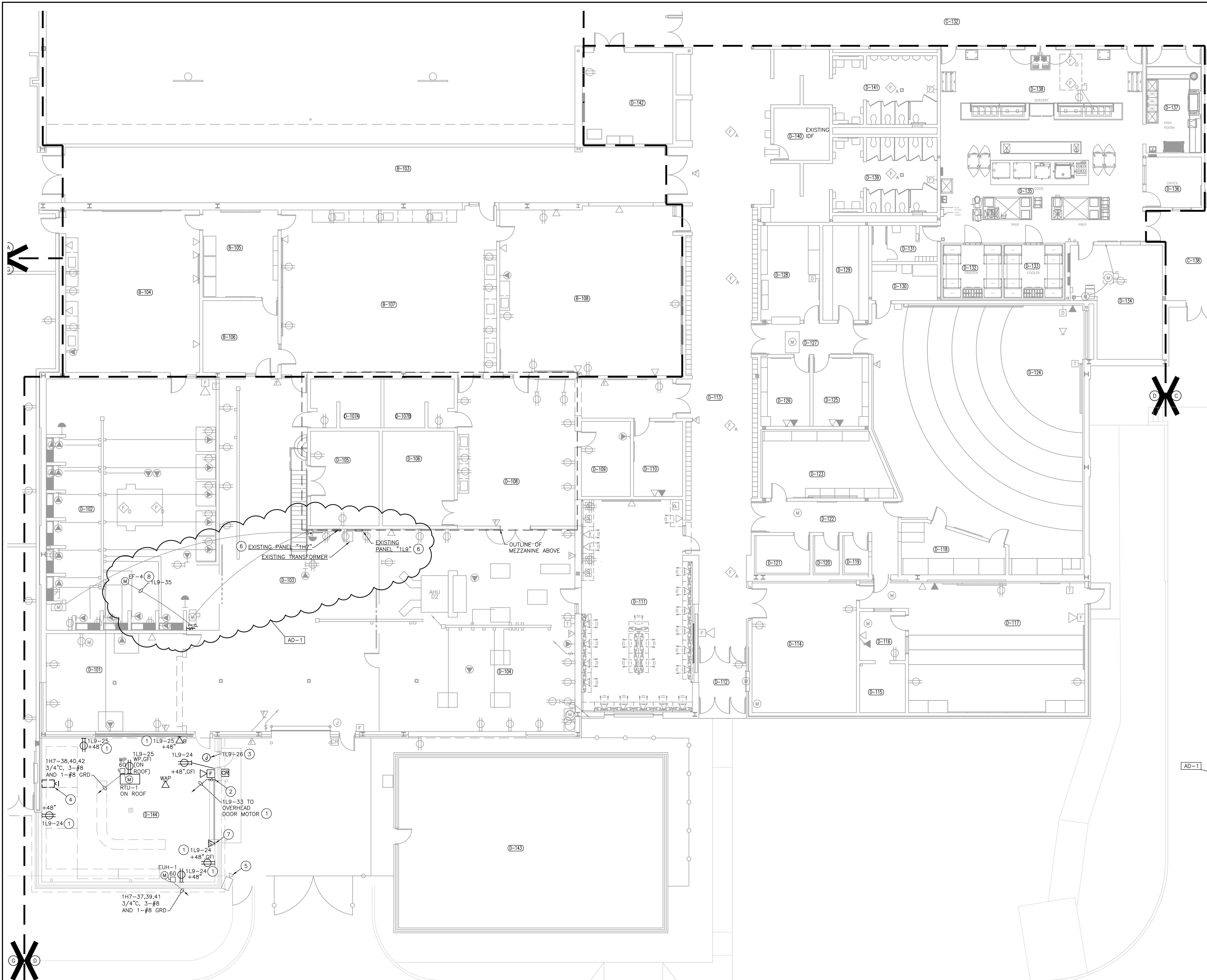
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REVISIONS		
MARK	DATE	ISSUED FOR
AD-1	09/18/25	ADDENDUM NO. 1

DRAWING
UNIT "D" ELECTRICAL
FIRST FLOOR POWER PLAN

PROJECT
TRI-COUNTY JR-SR HS BACKPACK
ADDITION & NEW MAINTENANCE FACILITY

© GIBRALTAR DESIGN	SHEET
D	E-201



GENERAL NOTES:

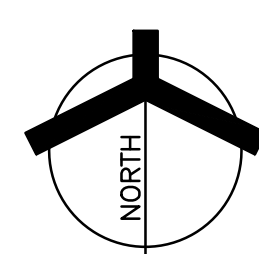
1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
2. SEE E-600 SERIES DRAWINGS FOR PANEL SCHEDULES.
3. DIVISION 26 SHALL PROVIDE ALL ROUGH-INS, CONDUITS, RACEWAYS, ETC. FOR THE TECHNOLOGY SYSTEMS (VOICE/DATA, VIDEO, ACCESS CONTROLS, SECURITY SYSTEMS, SCHOOL, INTERCOMMUNICATIONS SYSTEMS). DIVISION 27 AND 28 SHALL PROVIDE EQUIPMENT, DEVICES, JACKS/CONNECTORS, CABLING, ETC. FOR THE TECHNOLOGY SYSTEMS TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM. VERIFY AND COORDINATE EXACT REQUIREMENTS WITH OWNER, CONSTRUCTION MANAGER AND ARCHITECT.

ELECTRICAL PLAN NOTES:
(THESE NOTES APPLY TO THIS SHEET ONLY)

- ① 3/4", 2-#10 and 1-#10 GRD.
- ② MOTORIZED OVERHEAD DOOR CONTROLLER BY OVERHEAD DOOR SUPPLIER/INSTALLER.
- ③ PROVIDE ELECTRICAL CONNECTION FOR CARD READER. CONNECT TO THE EXISTING CARD READER CIRCUIT SERVING THIS AREA.
- ④ RELOCATE EXISTING EXTERIOR CCTV CAMERA AS SHOWN.
- ⑤ RELOCATED EXISTING EXTERIOR CCTV CAMERA ON WALL AND EXTEND THE EXISTING CABLE TO THE RELOCATED CCTV CAMERA. VERIFY AND COORDINATE EXACT LOCATION WITH THE OWNER, CONSTRUCTION MANAGER AND ARCHITECT PRIOR TO ROUGHING-IN.
- ⑥ MODIFY EXISTING PANELBOARD AS SHOWN ON THE PANEL SCHEDULE ON SHEET E-601.
- ⑦ PROVIDE NEW PAGING HORN AND CONNECT TO THE EXISTING SCHOOL INTERCOMMUNICATIONS SYSTEM EQUIPMENT.
- ⑧ PROVIDE ALL LABOR AND MATERIAL TO PROPERLY INTERLOCK THE INTAKE HOOD MOTORIZED DAMPER WITH THE NEW GENERAL EXHAUST FAN AND THE TWO WELDING BOOTH EXHAUST FANS TO PROVIDE MAKE-UP AIR WHEN THE FANS ARE OPERATING.

UNIT "D" ELECTRICAL FIRST FLOOR POWER PLAN

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



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ADDITION AND RENOVATIONS\24-120 DRAWINGS
BACKPACK\09 ELEC\E-601.DWG

TRI COUNTY JR-SR HIGH SCHOOL PANELBOARD SCHEDULE																					
MARK & TYPE				REMARKS																	
"THP"				EXISTING SIEMENS PANELBOARD																	
TYPE: EXISTING SIEMENS				CIRCUIT BREAKERS SHALL HAVE MINIMUM 35,000 AMP INTERRUPTING CAPACITY.																	
277/480V, 3 PH, 4W				REPLACE SIX (6) 1P-20 AMP CIRCUIT BREAKERS (CIRCUITS 37-42) WITH ONE (1) 3P-35 AMP CIRCUIT BREAKER (CIRCUIT 37,39,41) AND ONE (1) 3P-40 AMP CIRCUIT BREAKER (CIRCUIT 38,40,42).																	
225 AMP MAIN LUGS				NEW CIRCUIT BREAKERS SHALL MATCH EXISTING IN STYLE AND INTERRUPTING CAPACITY.																	
NEMA 1																					
SURFACE MOUNTED																					
DESCRIPTION				CR	POLE	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	FUTR	POLE	TRIP	CR	DESCRIPTION		
AIR COMPRESSOR (10 HP)				1	3	25				3.88	3.88									45 KVA XPMR (PANEL "1L9")	
							11.72	2.02	13.74								3	80	2		
				3				3.88			3.88										4
				5				11.82	1.50		13.32				3.88						
							11.82	1.50					13.32							6	
D101,103 LIGHTS				7	1	20	1.23			1.23							1	20	8		
							1.66			1.66										D109 LIGHTS	
D103,D144 LIGHTS				9	1	20	1.74				1.74							1	20	10	D104 LIGHTS
							1.66			1.66			1.05								
D102 LIGHTS				11	1	20	1.05												12	SPARE	
SPARE				13	1	20												14	SPARE		
SPARE				15	1	20												16	SPARE		
SPARE				17	1	20												18	SPARE		
SPARE				19	1	20												20	SPARE		
SPARE				21	1	20												22	SPARE		
SPARE				23	1	20												24	SPARE		
SPARE				25	1	20												26	SPARE		
SPARE				27	1	20												28	SPARE		
SPARE				29	1	20												30	SPARE		
SPARE				31	1	20												32	SPARE		
SPARE				33	1	20												34	SPARE		
SPARE				35	1	20												36	SPARE		
ELR-1 (20 KW)				37	3	35				6.67				6.67							
									0.94	7.61				6.67			3	35	38	RTU-1 (35 AMP MOP) (1.70 HP/18 KW)	
				39								6.67									
									0.94	7.61			6.68							40	
				41					0.94				6.67							42	
TOTAL CONNECTED LOAD (KVA)				7.34	35.36	19.48	34.79	34.87	32.52	40.00											
TOTAL DEMAND LOAD (KVA)				7.34	22.68	19.48				40.00											

TRI COUNTY JR-SR HIGH SCHOOL PANELBOARD SCHEDULE																									
MARK & TYPE				REMARKS																					
TLP				EXISTING SIEMENS PANELBOARD																					
TYPE: EXISTING SIEMENS				CIRCUIT BREAKERS SHALL HAVE MINIMUM 22,000 AMP INTERRUPTING CAPACITY - TYPE QOB-VH																					
120/208V, 3 PH, 4W				REPLACE ONE (1) 1P-20 AMP CIRCUIT BREAKER (CIRCUIT 35) WITH ONE (1) NEW 1P-30 AMP CIRCUIT BREAKER (CIRCUIT 35)																					
150 AMP MAIN BREAKER																									
NEMA 1																									
SURFACE MOUNTED																									
CR	POLE	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	FUTR	POLE	TRIP	CR	DESCRIPTION										
D103 RECP	1	1	20					1.50		1.50					1	20	D111 RECPs								
								1.40		1.40					1	20									
D103 RECP	3	1	20					1.50		1.50					1	20	4	D111 RECPs							
								1.44		1.44					1	20	4								
D103 RECP	5	1	20					1.50		1.50					1	20	6	D111 RECPs							
								1.44		1.44					1	20	6								
D103 RECP	7	1	20					1.50		1.50					1	20	8	D111 RECPs							
								1.44		1.44					1	20	8								
D101,104 RECPs	9	1	20					1.50		1.50					1	20	10	D111 RECPs							
								1.44		1.44					1	20	10								
D101 RECP	11	1	20					1.50		1.50					1	20	12	D111 RECPs							
								1.44		1.44					1	20	12								
D101 RECP	13	1	20					1.50		1.50					1	20	14	D111 RECPs							
								1.44		1.44					1	20	14								
D101 RECP	15	1	20					1.50		1.50					1	20	16	D111 RECPs							
								1.44		1.44					1	20	16								
D101 RECP	17	1	20					1.50		1.50					1	20	18	D111 RECPs							
								1.44		1.44					1	20	18								
D101 RECPs	19	1	20					1.50		1.50					1	20	20	D111 RECPs							
								1.44		1.44					1	20	20								
D104 RECP	21	1	20					1.50		1.50					1	20	22	D111 RECPs							
								1.44		1.44					1	20	22								
D104 RECP	23	1	20					1.50		1.50					1	20	24	D111 RECPs							
								0.54		0.54					1	20	24								
D144 RECPs	25	1	20					1.00		1.00					1	20	26	CARD READER							
								1.00		1.00					1	20	26								
D104 RECP	27	1	20					1.50		1.50					1	20	28	D104 REEL CORD							
								1.44		1.44					1	20	28								
D102 REEL CORD	29	1	20					1.50		1.50					1	20	30	D104 REEL CORD							
								1.50		1.50					1	20	30								
OVERHEAD DOOR MOTOR (112 HP)	31	1	20					1.13		1.13					1	20	32	D104 RECP (AIR DRYER)							
								0.51		0.51					1	20	32								
OVERHEAD DOOR MOTOR (110 HP)	33	1	20					1.13		1.13					1	20	34	D108 RECP							
								1.50		1.50					1	20	34								
EP-1 (1 HP)	35	1	30					1.84		1.84					1	20	36	D108 RECP							
								1.50		1.50					1	20	36								
SPARE	37	1	20												1	20	38	SPARE							
															1	20	38								
SPARE	39	1	20												1	20	40	SPARE							
															1	20	40								
SPARE	41	1	20												1	20	42	SPARE							
															1	20	42								
TOTAL CONNECTED LOAD (KVA)								38.90		14.90		15.95		16.66											
TOTAL DEMAND LOAD (KVA)								24.45		6.61															