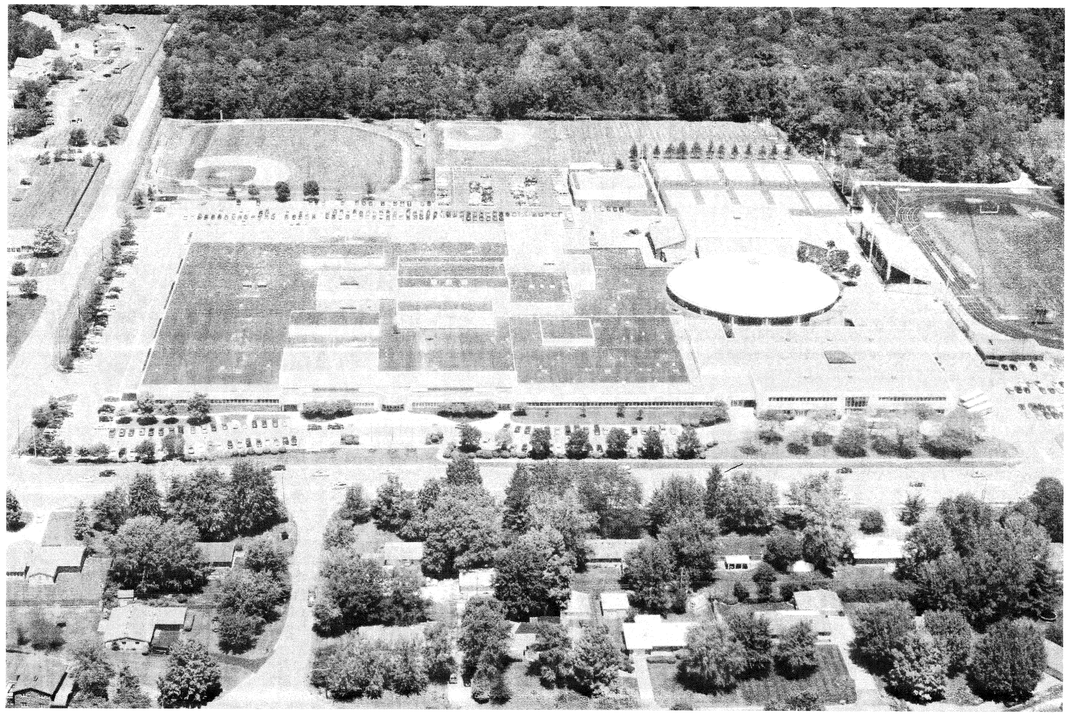
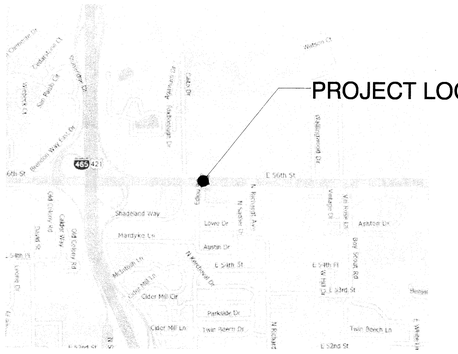
LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK

METROPOLITIAN SCHOOL DISTRICT OF
LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

VOLUME ONE





VICINITY MAP
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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

VOLUME ONE

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PROJECT 06-612
DATE 05/19/07
COORDINATED BY LDH
DRAWN BY MAM
CHECKED BY LDH

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY LDH
DRAWN BY MAM
CHECKED BY LDH

LAWRENCE D. HOYE REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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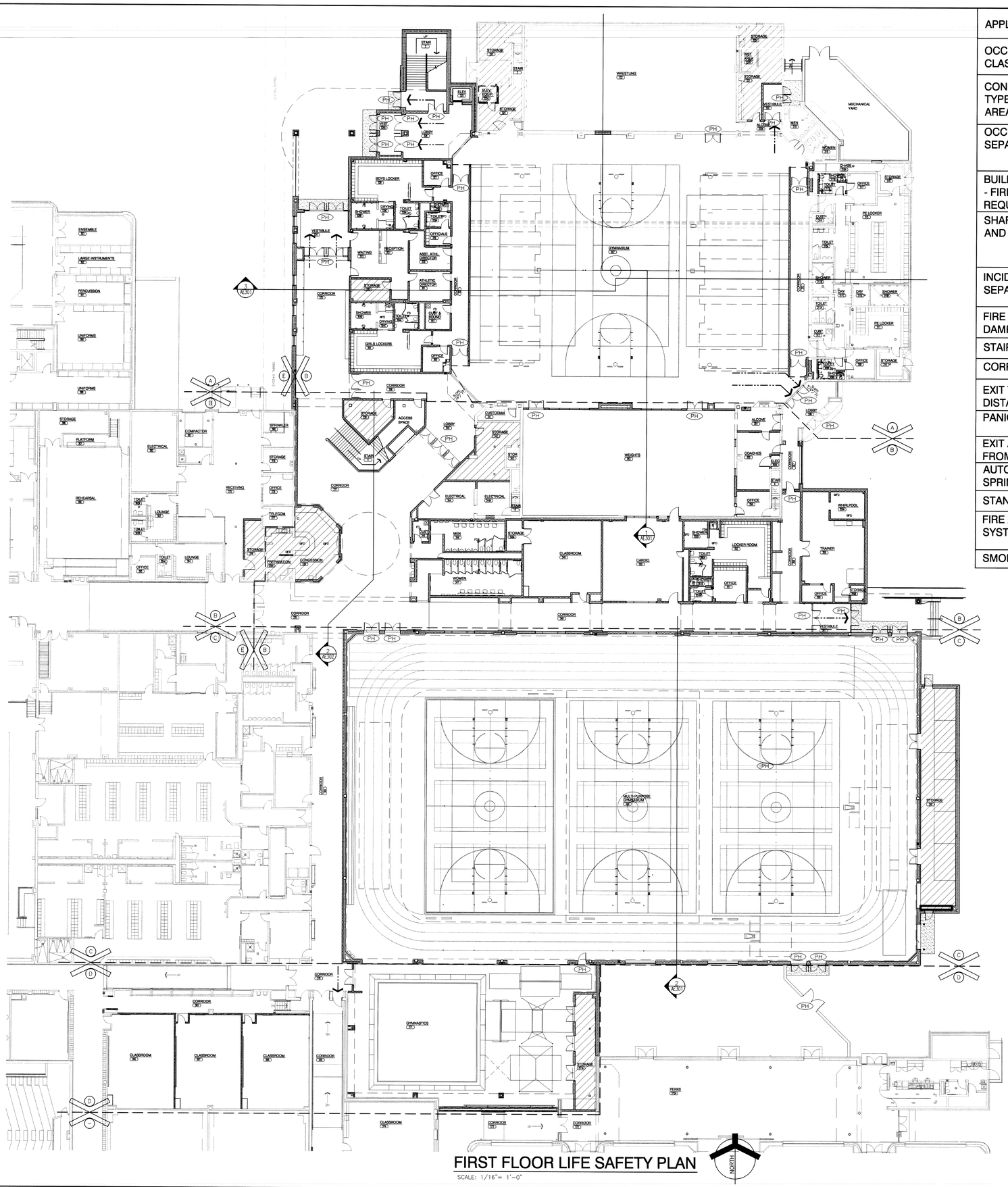
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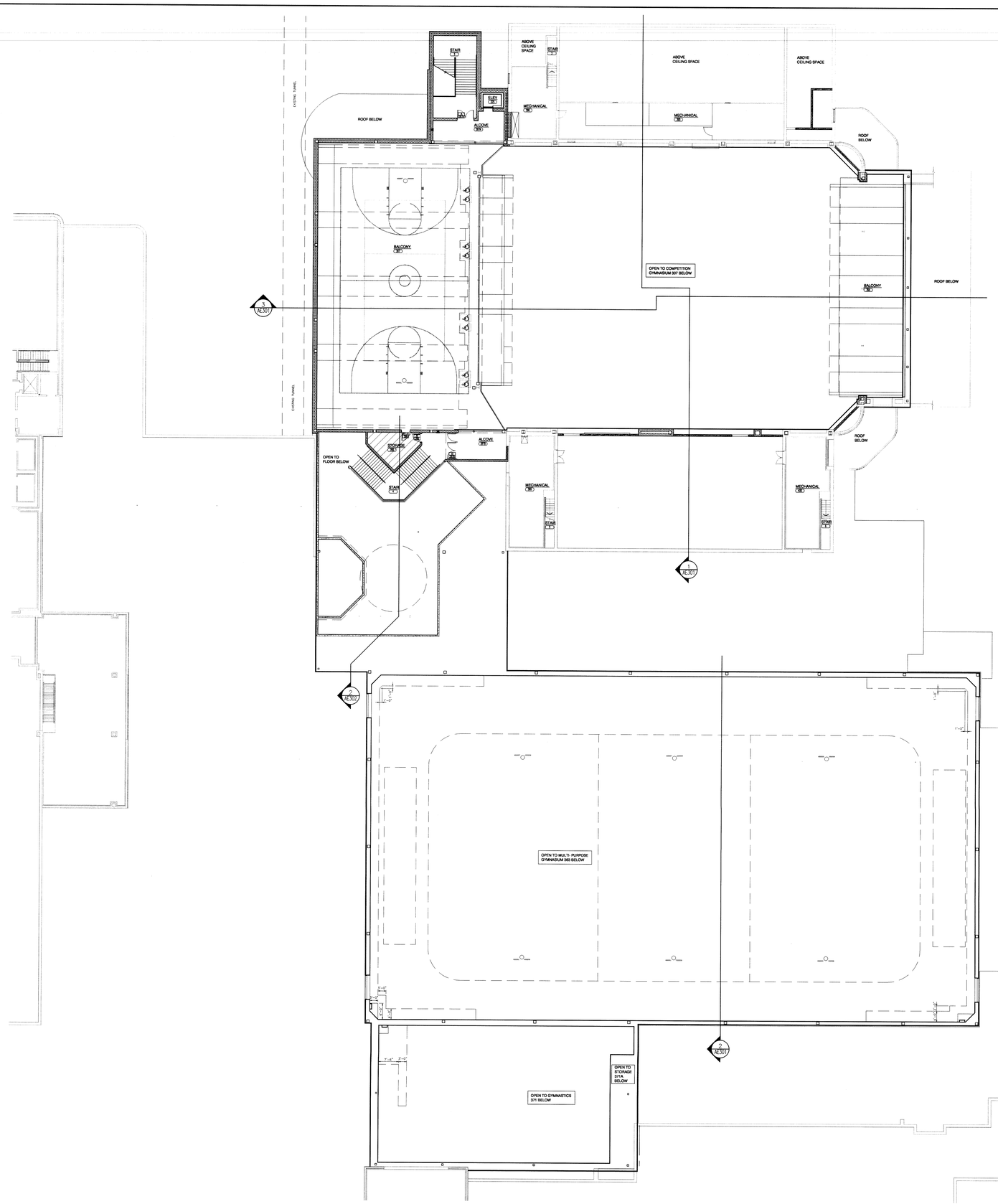

SECOND FLOOR LIFE SAFETY PLAN

SCALE: 1/16"= 1'-0"

APPLICABLE CODE:	2003 INDIANA BUILDING CODE (IBC)
OCCUPANCY CLASSIFICATION:	EDUCATIONAL: AREAS FOR HIGH SCHOOL STUDENTS – E OCCUPANCY [305.1] ASSEMBLY: NOT CONSIDERED SEPARATE OCCUPANCY BASED UPON ACCESORY USE AREA TO E OCCUPANY [TABLE 302.3.3, FOOTNOTE E] BUSINESS: OFFICE AND ADMINISTRATIVE AREAS, ACCESSORY USE AREA – B OCCUPANY [304.1]
CONSTRUCTION TYPE, ALLOWABLE AREA AND HEIGHT:	TYPE IIB (NONCOMBUSTIBLE, UNPROTECTED) CONSTRUCTION PERMITTED FFOR ADDITIONS AND EXISTING BUILDING AREA PROVISIONS FOR 2–STORY GROUP E OCCUPANCIES AND ACCESSORY A OCCUPANCIES, WHERE PROTECTED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM AND SURROUNDED BY AT LEAST 60 FEET. [507.3, 302.3]
OCCUPANCY SEPARATIONS:	OCCUPANCY SEPARATIONS NOT REQUIRED, BASED UPON EXCEPTION PERMITTING AN UNLIMITED AREA GROUP E OCCUPANCY TO CONTAIN NONSEPARATED ACCESSORY GROUP A OCCUPANCIES. OFFCICEAREA NOT REQUIRED TO BE SEPERATED, BASED UPON CLASSIFICATION AS AN ACCESSORY AREA. [302.3.2, 302.2]
BUILDING ELEMENTS - FIRE RESISTIVE REQUIREMENTS	BUILDING ELEMENTS, INCLUDING STRUCTURAL FRAME, FLOORS, AND ROOF ARE PERMITTED TO BE OF NONCOMBUSTIBLE, UNPROTECTED CONSTRUCTION. [TABLE 601] EXTERIOR WALLS ARE PERMITTED TO BE OF NONRATED, NONCOMBUSTIBLE CONSTRUCTION, SINCE HAVING MORE THAN 10 FEET OF FIRE SEPARATION DISTANCE. [TABLE 602]
SHAFT AND FLOOR AND PENETRATIONS:	PENETRATING ITEMS (INCLUDING DUCTS) ARE PERMITTED TO CONNECT UP TO 2 FLOOR LEVELS WHERE FLOORS ARE NONRATED WITHOUT SHAFT PROTECTION, WHERE THE ANNULAR SPACE IS FILLED WITH A NONCOMBUSTILE MATERIAL. [707.2 EXC. 3, 711.4.3] STAIRS CONNECTING THE 1ST AND 2ND FLOORS ARE PERMITTED TO BE NONRATED, BASED UPON SPRINKLER PROTECTION THROUGHOUT. [1005.3.2, EXC. 9] THE 2–STORY FLOOR OPENING (GYMNASIUM) IS PERMITTED TO BE UNENCLOSED AND IS NOT CLASSIFIED AS AN ATRIUM. [707.2, EXC. 7]
INCIDENTAL USE SEPARATIONS:	THE FOLLOWING ROOMS ARE REQUIRED TO BE PROVIDED WITH A NONRATED SEPERATION CONSISTING OF WALLS TERMINATING AT THE DECK, WITH SELF CLOSING DOORS: – BOILER ROOMS WITH EQUIPMENT OVER 15 PSI – STORAGE ROOMS OVER 100 SF [TABLE 302.1.1, SEC. 302.1.1.1]
FIRE AND SMOKE DAMPERS:	FIRE DAMPERS REQUIRED AT DUCT PENETRATIONS OF WALLS WITH A FIRE RATING OF MORE THAN 1 HOUR. SMOKE DAMPERS ARE NOT REQUIRED. [715.5]
STAIR ENCLOSURES:	STAIRS CONNECTING THE 1ST AND 2ND FLOORS ARE PERMITTED TO BE NONRATED, BASED UPON SPRINKLER PROTECTION THROUGHOUT. [1005.3.2, EXC. 9]
CORRIDORS:	CORRIDORS ARE PERMITTED TO BE OF NONRATED CONSTRUCTION THROUGHOUT, BASED UPON SPRINKLER PROTECTION THROUGHOUT [TABLE 1004.3.2.1]
EXIT TRAVEL DISTANCE:	EXIT ACCESS TRAVEL DISTANCE IS PERMITTED TO BE A MAXIMUM OF 250 FEET FOR AN 'A' AND 'E' OCCUPANCY AND 300 FEET FOR A 'B' OCCUPANCY, BASED UPON SPRINKLER PROTECTION THROUGHTOUT. [TABLE 1004.2.4]
PANIC HARDWARE:	REQUIRED FOR DOORS IN THE MEANS OF EGREE SERVING AN ASSEMBLY ROOM WITH AN OCCUPANT LOAD OF 100 OR MORE. NOT REQUIRED FOR BUSINESS OCCUPANICES. [1003.3.1.9]
EXIT ACCESS DOORS FROM ROOMS:	2 EXIT ACCESS DOORS ARE REQUIRED FROM ROOMS OR SUITES WITH AN ICCUPANT LOAD OF 50 OR MORE WHERE THE COMMON PATH OF TRAVEL EXCEEDS 75 FEET IN AN 'A' AND 'E' OCCUPANCY AND 100 FEET IN 'B' OCCUPANCY. [1004.2.1]
AUTOMATIC SPRINKLERS:	REQUIRED FOR E OCCUPANCY FIRE AREAS OF MORE THAN 20,000 SQUARE FEET PROVIDED THROUGHOUT IN ORDER TO PERMIT UNLIMITED AREA. [903.2.2, 507.3]
STANDPIPES:	NOT REQUIRED, SINCE 2ND FLOOR IS LESS THAN 30 FEET ABOVE THE LOWEST LEVEL OF FIRE DEPARTMENT VEHICLE ACCESS. [905.3.1]
FIRE ALARM SYSTEM:	REQUIRED FOR E OCCUPANCY BUILDINGS. INITIATION BY SPRINKLER WATER FLOW REQUIRED. MANUAL PULL STATIONS ARE NOT REQUIRED, BASED UPON INITIATION BY SPRINKLER WATER FLOW. VISUAL SIGNALING DEVICES ARE REQUIRED IN ALL COMMON USE AREAS INVOLVED IN THE RENOVATION/ADDITION, INCLUDING CLASSROOMS, TOILET ROOMS, CORRIDORS, AND ASSEMBLY ROOMS. [907.2.9]
SMOKE DETECTORS:	SMOKE DETECTORS ARE REQUIRED FOR HVAC SHUTDOWN FOR SYSTEMS DELIEVERING IN EXCESS OF 2,000 CFM. [606.1, IMC]

LIFE SAFETY GENERAL NOTE:

LIFE SAFETY INFORMATION IS PROVIDED FOR USE BY ALL CONTRACTORS. CONTRACTORS ARE RESPONSIBLE FOR COMPLYING WITH CODE REQUIREMENTS (INCLUDING BUT NOT LIMITED TO: RATED ASSEMBLIES, FIRE PROTECTION, FIRESTOPPING, DAMPERS, AND HARDWARE) INDICATED INCLUDING CONDITIONS WHERE THESE REQUIREMENTS ARE NOT DETAILED. REPORT CONFLICTS OR DISCREPANCIES TO THE ARCHITECT FOR RESOLUTION PRIOR TO STARTING WORK.

LIFE SAFETY PLAN LEGEND

DOORS WITH PANIC HARDWARE (PH)

MAJOR EGRESS ROUTES

1 HOUR FIRE RATED WALL

INCIDENTAL USE AREA NON RATED SEPARATION–EXTEND WALLS TO DECK PROVIDE DOORS WITH CLOSERS

SQUARE FOOTAGE ANALYSIS

EXISTING FIRST FLOOR	425,529 SQ FT
EXISTING SECOND FLOOR	57,032 SQ FT
EXISTING TOTAL	482,561 SQ FT
EXISTING FIRST FLOOR DEMO	44,332 SQ FT
EXISTING SECOND FLOOR DEMO	0 SQ FT
EXISTING TOTAL DEMO	44,332 SQ FT
NEW CONSTRUCTION FIRST FLOOR	59,803 SQ FT
NEW CONSTRUCTION SECOND FLOOR	8,445 SQ FT
NEW CONSTRUCTION TOTAL	68,248 SQ FT
NEW OVERALL FIRST FLOOR	440,944 SQ FT
NEW OVERALL SECOND FLOOR	65,227 SQ FT
NEW TOTAL	506,477 SQ FT

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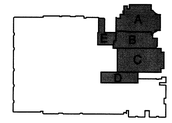

KEY PLAN

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DATE 03/19/07

COORDINATED BY LDH

DRAWN BY MAM

CHECKED BY LDH

LAWRENCE E. HOWE REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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DRAWING
SECOND FLOOR LIFE SAFETY PLAN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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SHEET
G GI102

Sun, 3/18/2007 – 9:50 pm
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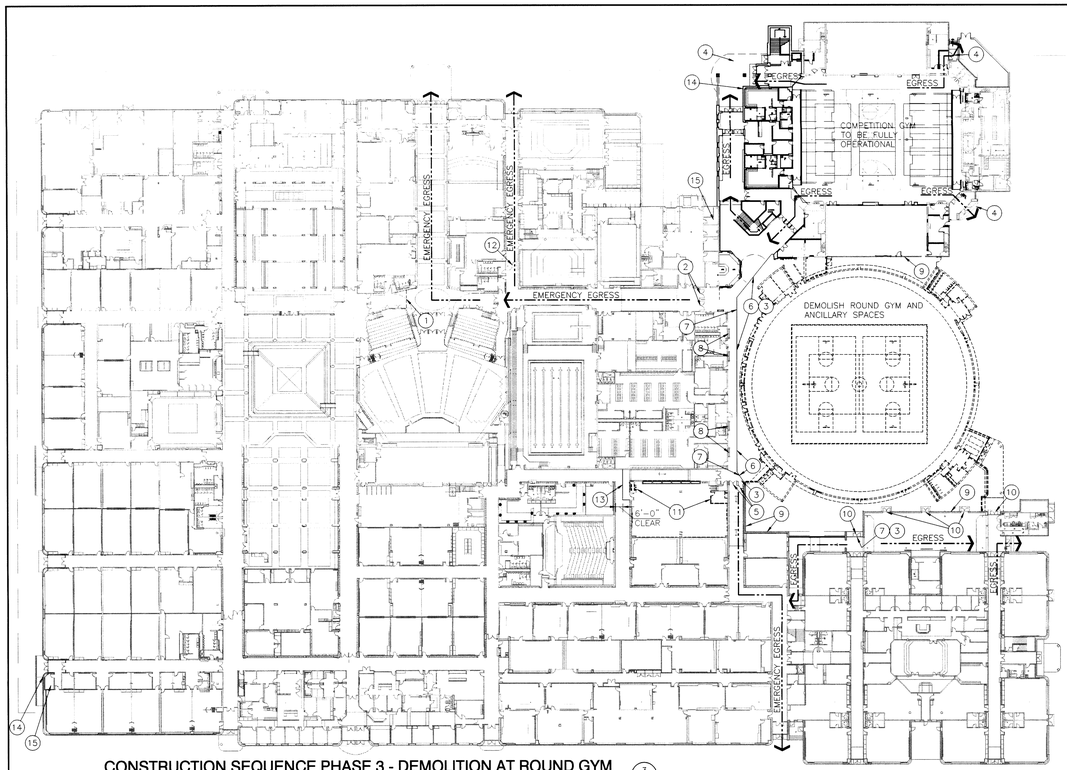
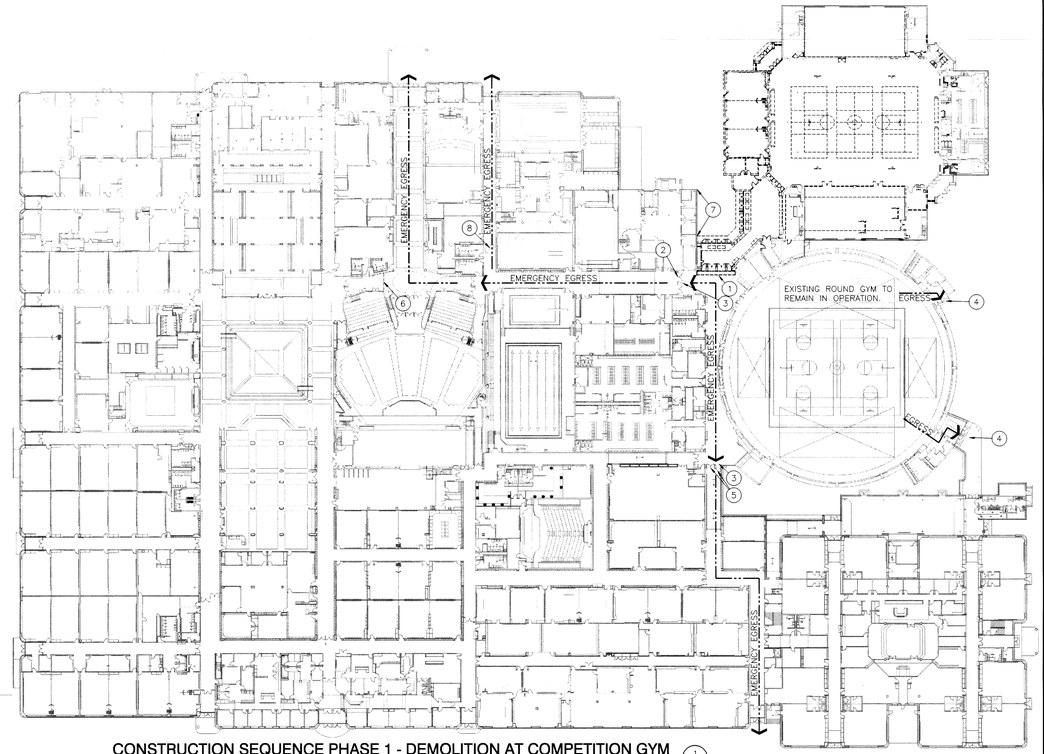


CONSTRUCTION SEQUENCE PHASE 3 - DEMOLITION AT ROUND GYM

(3 / GI103)

SCALE: 1" = 50' (NOTES APPLY TO THIS PLAN ONLY)

1. TEMPORARY GATE AS REQUIRED BY OWNER.
2. SEE NOTE 2 ON PLAN. (1 / GI103)
3. SEE NOTE 3 ON PLAN. (1 / GI103)
4. MAINTAIN COMPETITION GYM EXITS AS EMERGENCY EGRESS.
5. FOR CONTINUED DOOR REMOVAL, SEE NOTE 5 ON PLAN. (1 / GI103)
6. INSTALL CONSTRUCTION PARTITION WITH DUST BARRIER AT THIS LOCATION
7. INSTALL SIGN SHOWING FLOOR PLAN WITH EMERGENCY EXIT ROUTE CLEARLY INDICATED.
8. EXISTING DISPLAY CASE TO REMAIN. PROTECT AS REQUIRED DURING ALL PHASES OF CONSTRUCTION.
9. PROTECT EXISTING BUILDING TO REMAIN AS REQUIRED.
10. INSTALL CONSTRUCTION PARTITION WITH DUST BARRIER AS REQUIRED TO CLOSE AND PROTECT THIS EXIT DURING CONSTRUCTION.
11. SEE UNIT "D" DEMOLITION FLOOR PLAN FOR THIS AREA.
12. DOUBLE EGRESS DOORS TO BE REMOVED UPON COMPLETION OF WORK.
13. MAINTAIN TEMPORARY CONSTRUCTION PARTITION AND DUST BARRIER AT THIS LOCATION. UPON COMPLETION OF NEW CONSTRUCTION, REMOVE PARTITION AND BARRIER.
14. LOCATION OF "KNOX-BOX".
15. LOCATION OF SPRINKLER RISER ROOM.

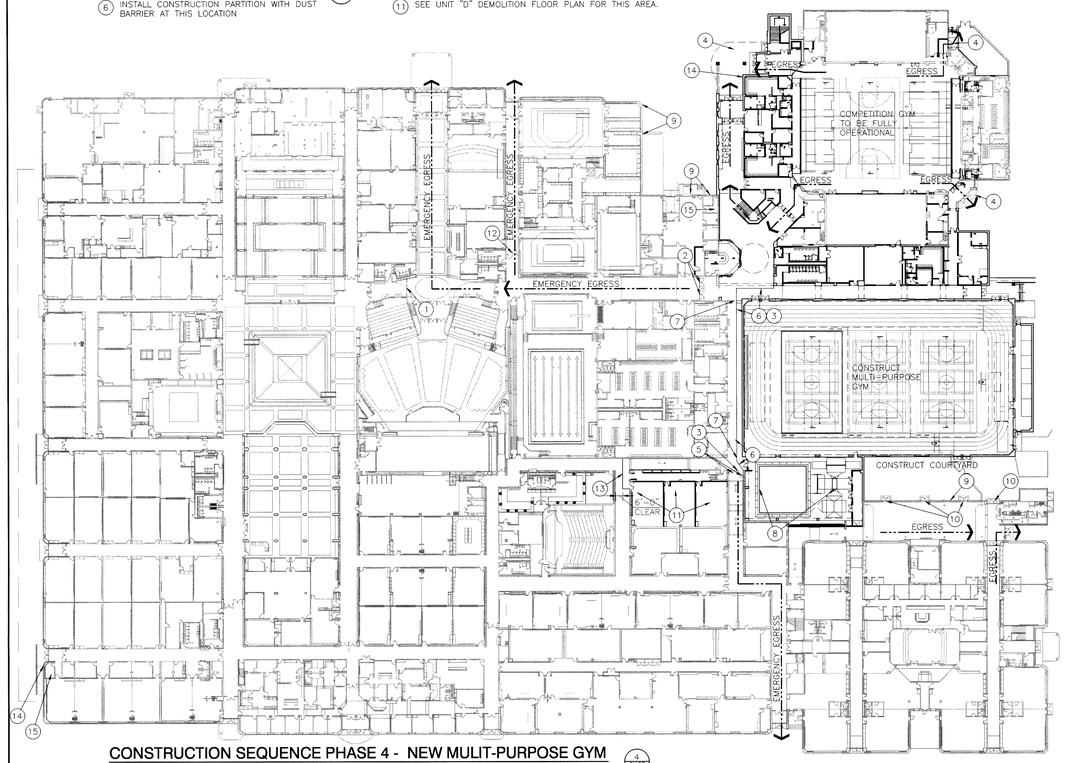


CONSTRUCTION SEQUENCE PHASE 1 - DEMOLITION AT COMPETITION GYM

(1 / GI103)

SCALE: 1" = 50' (NOTES APPLY TO THIS PLAN ONLY)

1. INSTALL CONSTRUCTION PARTITION WITH DUST BARRIER AT THIS LOCATION. INSTALL SIGN SHOWING FLOOR PLAN WITH EMERGENCY EGRESS ROUTE CLEARLY INDICATED.
2. REMOVE BOTH PAIRS OF DOORS AND HARDWARE. SALVAGE AND STORE FOR REINSTALLATION. DOOR FRAME TO REMAIN IN PLACE.
3. INSTALL TEMPORARY EXIT SIGN(S) AS REQUIRED FOR EMERGENCY EGRESS ROUTE.
4. MAINTAIN EXISTING ROUND GYM EXITS AS EMERGENCY EGRESS.
5. REMOVE SINGLE DOOR, PAIR OF DOORS AND HARDWARE. SALVAGE AND STORE FOR REINSTALLTION. DOOR FRAME TO REMAIN IN PLACE.
6. TEMPORARY GATE AS REQUIRED BY OWNER.
7. PROTECT EXISTING BUILDING TO REMAIN AS REQUIRED.
8. DOUBLE EGRESS DOORS.

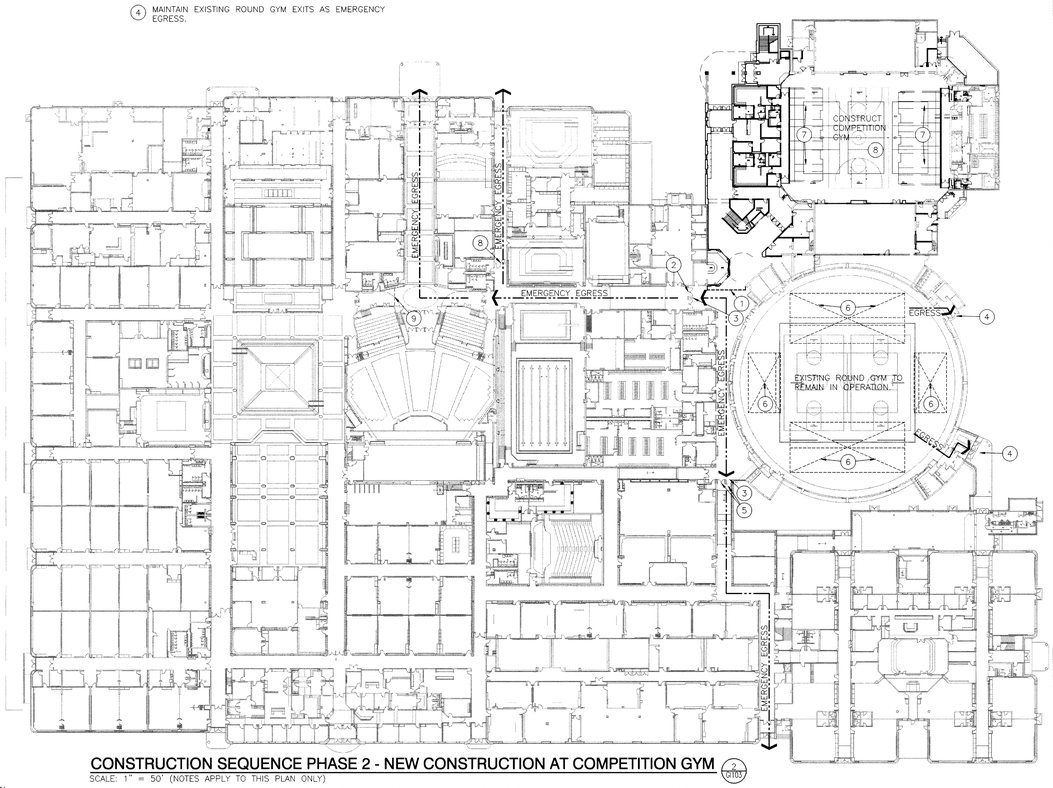


CONSTRUCTION SEQUENCE PHASE 4 - NEW MULIT-PURPOSE GYM

(4 / GI103)

SCALE: 1" = 50' (NOTES APPLY TO THIS PLAN ONLY)

1. TEMPORARY GATE AS REQUIRED BY OWNER.
2. SEE NOTE 2 ON PLAN. UPON COMPLETION OF NEW CONSTRUCTION AND REMOVAL OF CONSTRUCTION PARTITIONS, REINSTALL DOORS AND HARDWARE. (1 / GI103)
3. SEE NOTE 3 ON PLAN. (1 / GI103)
4. MAINTAIN COMPETITION GYM EXITS AS EMERGENCY EGRESS.
5. SEE NOTE 5 ON PLAN. UPON COMPLETION OF NEW CONSTRUCTION AND REMOVAL OF CONSTRUCTION PARTITIONS, REINSTALL DOORS AND HARDWARE. (1 / GI103)
6. MAINTAIN CONSTRUCTION PARTITION AND DUST BARRIER AT THIS LOCATION. UPON COMPLETION OF NEW CONSTRUCTION, REMOVE PARTITION AND BARRIER.
7. MAINTAIN SIGN SHOWING FLOOR PLAN WITH EMERGENCY EGRESS ROUTE CLEARLY INDICATED.
8. START FOUNDATIONS AND STEEL FRAMING IN GYMNASTICS AREA PRIOR TO ERECTING MULTI-PURPOSE GYM STRUCTURE.
9. PROTECT EXISTING BUILDING TO REMAIN AS REQUIRED.
10. MAINTAIN CONSTRUCTION PARTITION WITH DUST BARRIER AT THIS EXIT. REMOVE UPON COMPLETION OF NEW CONSTRUCTION.
11. SEE UNIT "D" ARCHITECTURAL FLOOR PLAN FOR CLASSROOMS IN THIS AREA.
12. DOUBLE EGRESS DOORS TO BE REMOVED UPON COMPLETION OF WORK.
13. MAINTAIN TEMPORARY CONSTRUCTION PARTITION AND DUST BARRIER AT THIS LOCATION. UPON COMPLETION OF NEW CONSTRUCTION, REMOVE PARTITION AND BARRIER.
14. LOCATION OF "KNOX-BOX".
15. LOCATION OF SPRINKLER-RISER ROOM (2 LOCATIONS).



CONSTRUCTION SEQUENCE PHASE 2 - NEW CONSTRUCTION AT COMPETITION GYM

(2 / GI103)

SCALE: 1" = 50' (NOTES APPLY TO THIS PLAN ONLY)

1. MAINTAIN CONSTRUCTION PARTITION WITH DUST BARRIER AT THIS LOCATION.
2. SEE NOTE 2 ABOVE ON PLAN. (1 / GI103)
3. SEE NOTE 3 ABOVE ON PLAN. (1 / GI103)
4. SEE NOTE 4 ABOVE ON PLAN. (1 / GI103)
5. SEE NOTE 5 ABOVE ON PLAN. (1 / GI103)
6. DISASSEMBLE EXISTING BLEACHERS JUST PRIOR TO COMPLETION OF COMPETITION GYM.
7. UPON COMPLETION OF COMPETITION GYM, REASSEMBLE SALVAGED BLEACHERS IN NEW CONFIGURATION.
8. ONLY UPON COMPLETION OF COMPETITION GYM, LOCKER ROOMS, WEIGHT ROOM, ENTRY LOBBY, AND ADJACENT SITE WORK CAN DEMOLITION OF ROUND GYM PROCEED. (1 / GI103)
9. TEMPORARY GATE AS REQUIRED BY OWNER.
10. DOUBLE EGRESS DOORS.

NORTH

PLAN NORTH

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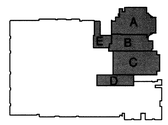
PROJECT

LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK

MSD OF LAWRENCE TOWNSHIP



KEY PLAN

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PROJECT 06-612

DATE 03/19/07

COORDINATED BY LDH

DRAWN BY MRH

CHECKED BY LDH

LAWRENCE D. HOWELL REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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CONSTRUCTION SEQUENCE FLOOR PLANS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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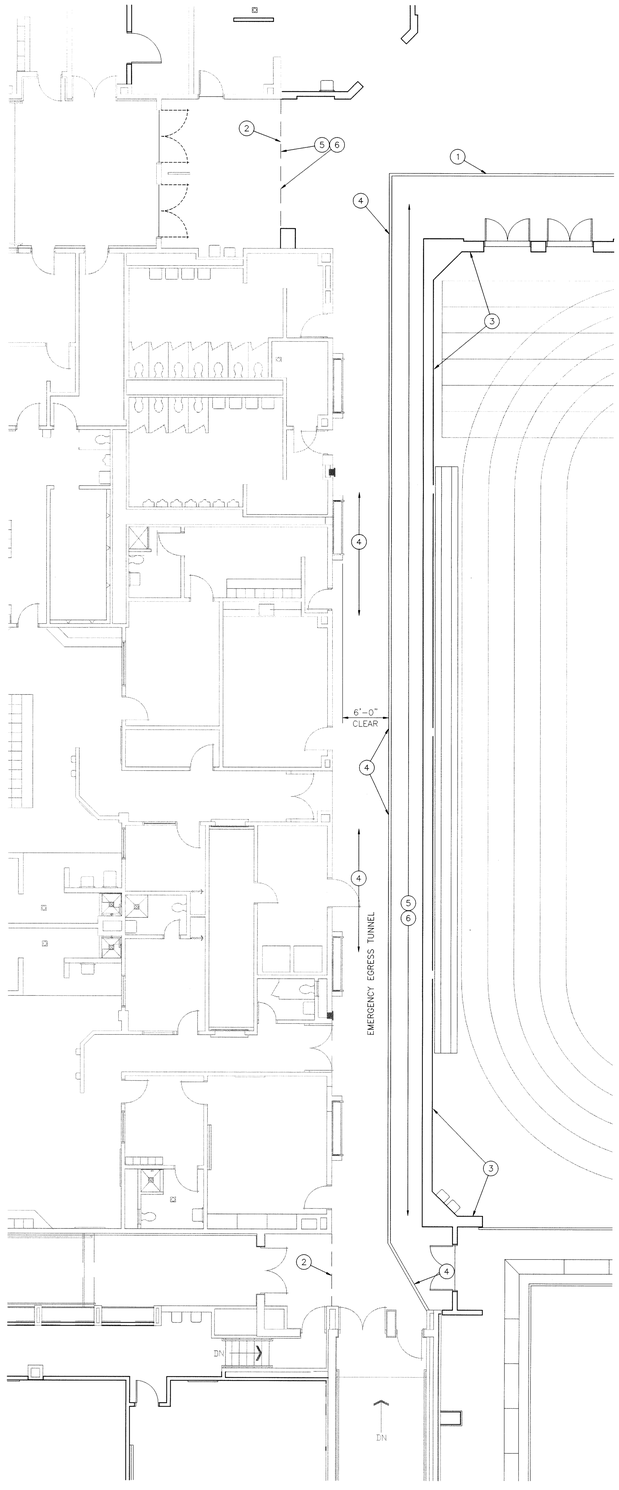
PLAN NOTES FOR PLAN 2

(NOTES APPLY TO THIS PLAN ONLY)

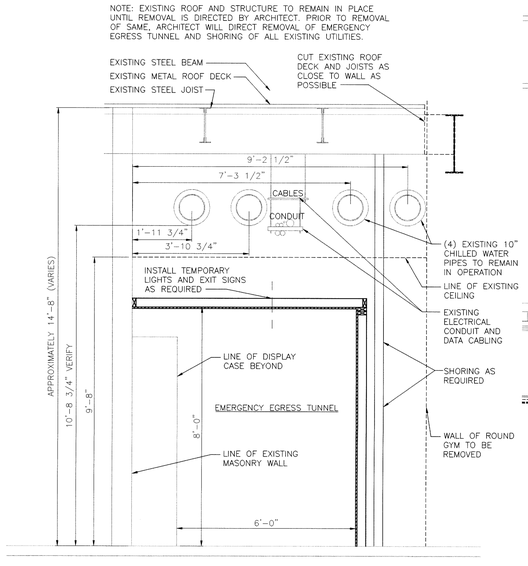
1. REVISE LOCATION OF LOBBY CONSTRUCTION PARTITION AND DUST BARRIER TO ALLOW ACCESS TO RESTROOMS AND COMPLETION OF LOBBY AND CONCESSIONS AREA.
2. LINE OF EXISTING ROOF DECK TO REMAIN UPON REMOVAL OF EXISTING ROOF DECK, BEAMS AND JOISTS FROM NORTH/SOUTH CORRIDOR.
3. INSTALL FOUNDATIONS, ERECT STEEL FRAME, CONSTRUCT MASONRY WALL, PRIOR TO REMOVAL OF EXISTING ROOF DECK FROM NORTH/SOUTH CORRIDOR.
4. REMOVE EMERGENCY EGRESS TUNNEL AT DIRECTION OF ARCHTIECT.
5. PROVIDE SHORING AS REQUIRED TO SUPPORT EXISTING CHILLED WATER PIPES, ELECTRICAL CONDUIT, DATA CABLING, ETC. DISCONNECT HANGERS AND TRAPEZE FROM EXISTING ROOF STRUCTURE. REMOVE SHORING ONLY UPON INSTALLATION OF REQUIRED SUSPENSION FROM NEW STRUCTURAL STEEL FRAMING.
6. REMOVE EXISTING ROOF, METAL ROOF DECK STEEL JOISTS, HANGERS AND TRAPEZE ONLY UPON COMPLETE INSTALLATION OF SHORING AS REQUIRED TO SUPPORT CHILLED WATER PIPES, ELECTRICAL CONDUIT, DATA CABLING, ETC. INSTALL FOUNDATIONS, NEW STEEL FRAMING AND METAL ROOF DECK. SEE STRUCTURAL DRAWINGS. INSTALL REQUIRED SUSPENSION FOR EXISTING MEP PIPES, CONDUIT AND CABLING. REMOVE SHORING.



EMERGENCY EGRESS AT NORTH/SOUTH CORRIDOR

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

NOTE: SEE NEW CONSTRUCTION OF MULTI-PURPOSE GYM ON SHEET GI103 PLAN 4



CORRIDOR CROSS-SECTION

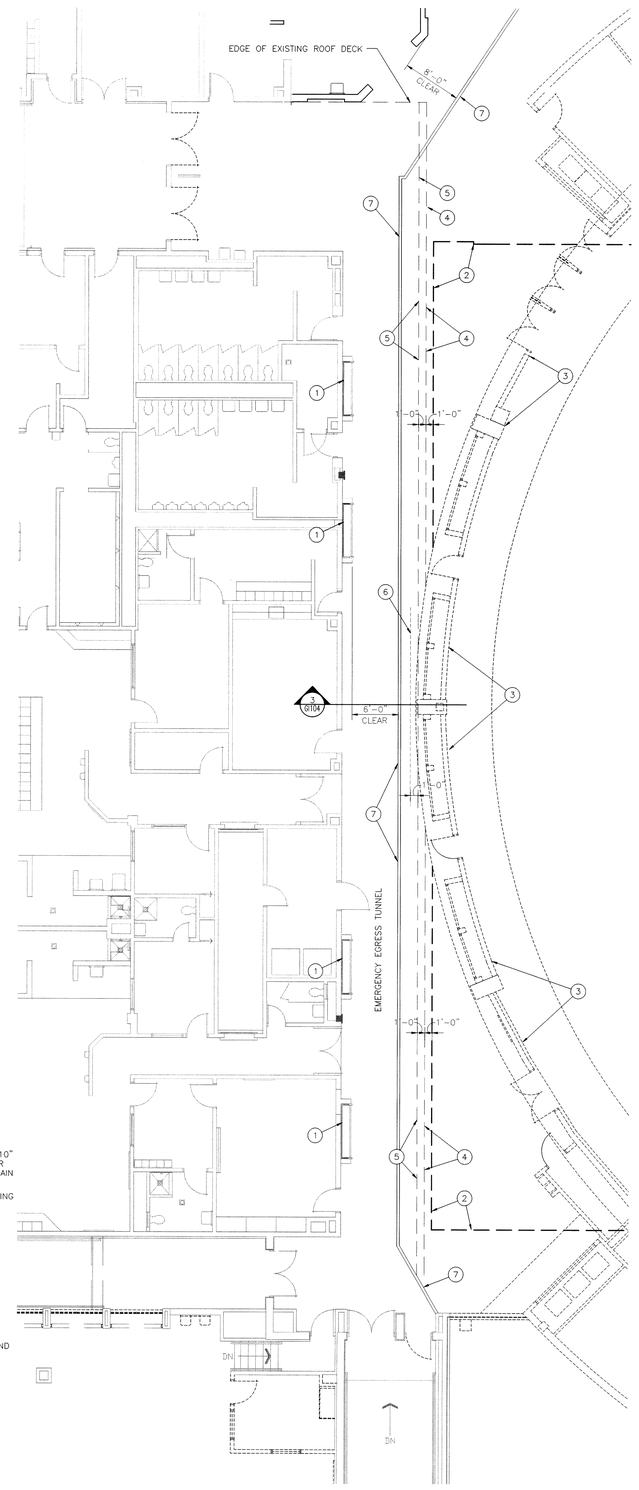
SCALE: 1/2" = 1'-0"

NOTE: SECTION CUT AT THE NARROWEST POINT OF THE CORRIDOR. EMERGENCY EGRESS TUNNEL TO BE CONSTRUCTED OF 5/8" PLYWOOD AND 2x4 FRAMING.

PLAN NOTES FOR PLAN 1

(NOTES APPLY TO THIS PLAN ONLY)

1. EXISTING DISPLAY CASES TO REMAIN. PROTECT AS REQUIRED DURING ALL PHASES OF CONSTRUCTION.
2. OUTLINE OF NEW MULTIPURPOSE GYM.
3. EXISTING ROUND GYM TO BE DEMOLISHED.
4. CUT EXISTING ROOF DECK AND JOISTS BACK 1'-0" FROM LINE OF NEW MULTI-PURPOSE GYM UPON COMPLETE INSTALLATION OF REQUIRED SHORING.
5. LINE OF SHORING FOR EXISTING JOISTS BACK 1'-0" FROM EDGE OF DECK AS CUT PER NOTE 5 ABOVE.
6. LINE OF SHORING FOR EXISTING JOISTS BACK 1'-0" FROM LINE OF ROUND RYM.
7. CONSTRUCTION PARTITION AND DUST BARRIER.



EMERGENCY EGRESS AT NORTH/SOUTH CORRIDOR

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

NOTE: SEE DEMOLITION OF ROUND GYM ON SHEET GI103 PLAN 3

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PROJECT
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RENOVATIONS, ADDITIONS AND RELATED WORK

MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612
DATE 03/19/07
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LAWRENCE CENTRAL HIGH SCHOOL

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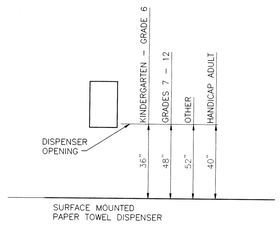
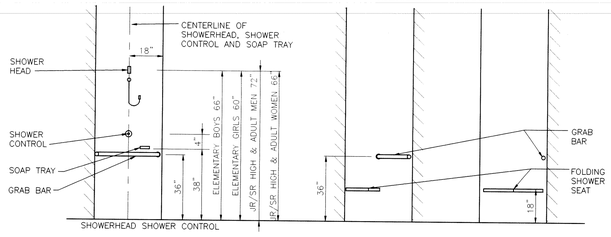
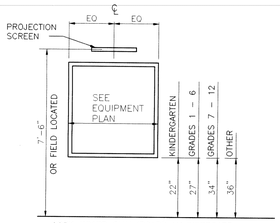
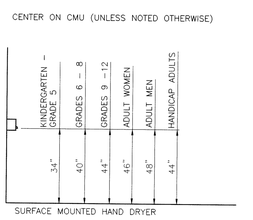


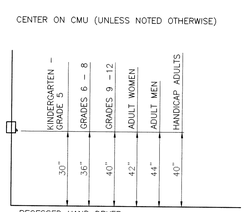


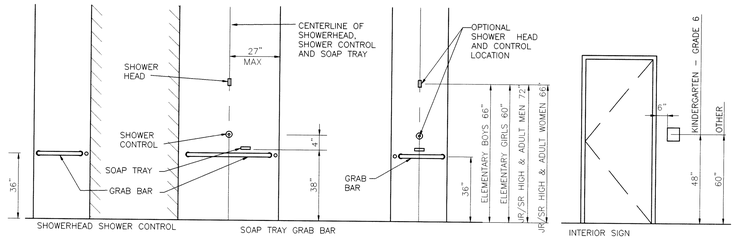


NOTE: VERIFY HEIGHT WITH OWNER

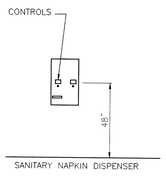
36" x 36" SHOWER ADA

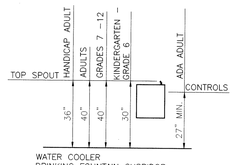


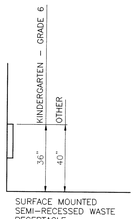


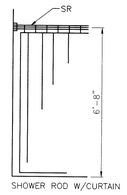


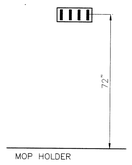
30" x 36" SHOWER



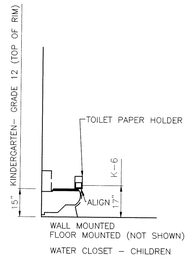


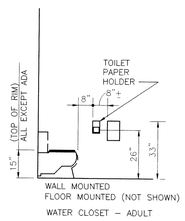


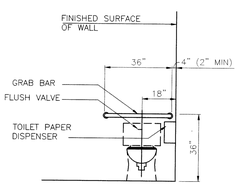


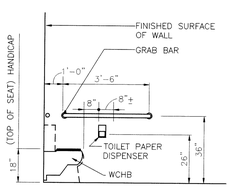


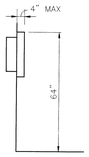


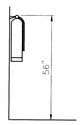












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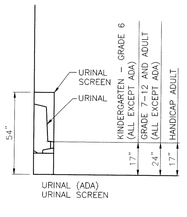

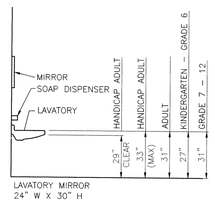

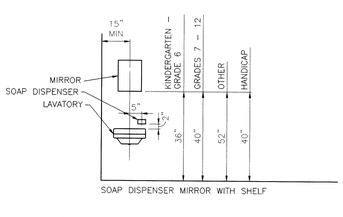

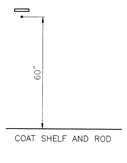

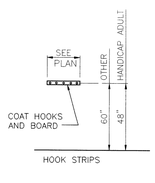

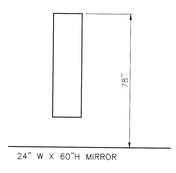

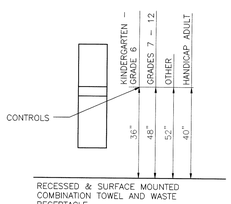

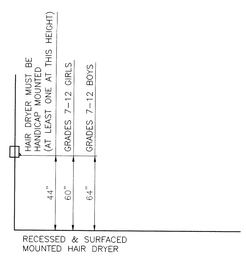

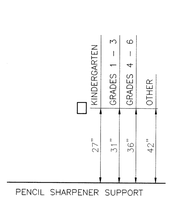

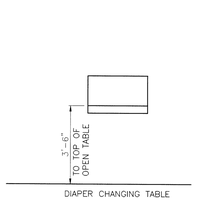

NOT ALL ITEMS SHOWN MAY APPLY FOR THIS PROJECT

GENERAL NOTES: (APPLY TO ENTIRE DRAWING SET)

1. ALL CONTRACTORS SHALL CHECK ENTIRE SET OF CONTRACT DOCUMENTS FOR THE EXTENT OF WORK.
2. DIMENSIONING:
   A. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY.
   B. PLAN DIMENSIONS TO STUD WALLS ARE TO THE FACE OF FINISHED GYPSUM BOARD OR PLASTER.
   C. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF SETTING BED OR TILE BACKER BOARD.
3. EACH TRADE SHALL COORDINATE WITH THE APPROPRIATE CONTRACTOR(S) AND VERIFY SIZE AND LOCATION OF ALL RECESSES, CHASES, PADS, & OPENINGS REQUIRED FOR MECHANICAL, ELECTRICAL AND OTHER EQUIPMENT.
4. EACH TRADE SHALL COORDINATE WITH THE APPROPRIATE CONTRACTOR(S) AND VERIFY LOCATION, HEIGHT, AND DEPTH OF BULKHEADS PRIOR TO BULKHEAD CONSTRUCTION.
5. THE BOTTOM OF ALL CONVECTOR FAN COIL, AND UNIT HEATER RECESSES SHALL BE INSTALLED A MINIMUM OF 6" AND A MAXIMUM OF 12" ABOVE FLOOR LINE. PLACE MASONRY LINTELS AT UNCUT COURSING HEIGHT. COORDINATE OPENINGS WITH APPROPRIATE CONTRACTOR(S).
6. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.
7. FLOOR ELEVATIONS, GRADES, DIMENSIONS, AND CONDITIONS OF EXISTING CONSTRUCTION INDICATED ON THESE DRAWINGS SHALL BE FIELD VERIFIED BY ALL CONTRACTOR(S). REPORT CONFLICTS OR DISCREPANCIES TO THE ARCHITECT FOR RESOLUTION PRIOR TO STARTING WORK.
8. ALL ITEMS OF EQUIPMENT OR MATERIALS NOT MARKED OR INDICATED AS EXISTING ARE NEW AND SHALL BE FURNISHED BY THE APPROPRIATE CONTRACTOR.

SYMBOL LEGEND:

- 99 / AE999 — DETAIL: REFERENCE NUMBER / SHEET NUMBER
- 99 / AE999 — SECTION CUT: REFERENCE NUMBER / SHEET NUMBER
- 99 / AE999 — INTERIOR ELEVATION: REFERENCE NUMBER / SHEET NUMBER
- 99 — MISCELLANEOUS CASEWORK: ELEVATION NUMBER (SEE SHEET A8.01) / UNIT
- U-999 — ROOM NUMBER: UNIT / ROOM
- EU-999 — EXISTING ROOM NUMBER: UNIT / ADDITIONAL
- D001 / D002 — DOOR NUMBER: ROOM
- 9 — WINDOW NUMBER
- 99 — PLAN NOTE
- 99 — DEMOLITION NOTE
- A / B — UNIT BREAK

MATERIAL INDICATIONS:

IN GENERAL, THE MATERIAL INDICATIONS SHOWN BELOW ARE TYPICAL. HOWEVER, ALL MATERIAL INDICATIONS PRESENTED HERE MAY NOT BE USED ON THIS PARTICULAR PROJECT. THESE SYMBOLS TYPICALLY INDICATE THE MATERIALS WHEN SECTIONED THROUGH ON PLANS, DETAILS AND WALL SECTIONS.

FACE BRICK · FIRE BRICK · LIGHTWEIGHT BLOCK · TERRAZZO
CONCRETE · EIFS · CONCRETE BLOCK · MARBLE
WOOD BLOCKING · BLANKET INSULATION · PLASTER OR GYPSUM BOARD
CUT STONE · FINISH WOOD · RIGID INSULATION

LINE SYMBOLOGY:

IN GENERAL THE FOLLOWING LINE SYMBOLOGY CONVENTIONS APPLY TO THE ENTIRE SET OF DRAWINGS FOR THIS PROJECT, EXISTING, AND DEMOLITION SYMBOLOGY APPLY TO ADDITION AND RENOVATION PROJECTS ONLY.

- "SCREENED" BACKGROUND LINES (LIGHT GRAY LINES) INDICATE EXISTING CONSTRUCTION WALLS, PIPES, LIGHTS, ETC.
- HEAVY DASHED LINES INDICATE DEMOLITION ITEMS ON DEMOLITION DRAWINGS. DEMOLITION DRAWINGS ALSO INDICATE DEMOLITION WORK WITH "LIGHT" DASHED LINES WHEN DEMOLITION WORK IS NOT SPECIFICALLY RELATED TO THE CURRENT SHEET. (FOR EXAMPLE: WALLS DEING REMOVED APPEAR AS HEAVY DASHED LINES ON THE ARCHITECTURAL PLANS AND APPEAR AS LIGHT DASHED LINES ON HVAC, LIGHTING, ETC. PLANS.)
- SOLID LINES ON NEW ("NON-DEMOLITION") DRAWINGS INDICATE NEW WORK.

PLAN EXAMPLES:

EXISTING WALL
EXISTING WALL TO BE REMOVED
NEW SOUNDPROOF WALL
NEW STUD WALL

ARCHITECTURAL ABBREVIATIONS:

THE ARCHITECTURAL ABBREVIATIONS LISTED BELOW ARE TYPICAL. HOWEVER ALL ABBREVIATIONS PRESENTED HERE HAVE NOT BEEN USED ON THIS PARTICULAR PROJECT. SEE ROOM FINISH SCHEDULE LEGENDS FOR ADDITIONAL ABBREVIATIONS USED ONLY ON THE ROOM FINISH SCHEDULE.

ACOUS	ACOUSTICAL	GA	GAGE	PTN	PARTITION
AFF	ABOVE FINISHED FLOOR	GALV	GALVANIZED	QT	QUARRY TILE
ALUM	ALUMINUM	GYP	GYPSUM	QTY	QUANTITY
ALT	ALTERNATE	HM	HOLLOW METAL	RB	RUBBER BASE
ANOD	ANODIZED	HORIZ	HORIZONTAL	RC	ROOF CONDUCTOR
ARCH	ARCHITECTURAL	ID	INSIDE DIAMETER	RD	ROOF DRAIN
BD	BOARD	INSUL	INSULATE (ED) (TION)	REINF	REINFORCE (ING) (MENT)
BLK	BLOCK	INT	INTERIOR	RESIL	RESILIENT
BLKHD	BULKHEAD	JAN	JANITOR	REV	REVISION
C	STEEL CHANNEL	KCP	KEENE'S CEMENT	RM	ROOM
CAB	CABINET		FINISH PLASTER	RO	ROUGH OPENING
CB	CHALKBOARD	L	STEEL ANGLE	RV	ROOF VENT
CEM	CEMENT	LAV	LAVATORY	SF	SQUARE FEET
CER	CERAMIC	LTWT	LIGHTWEIGHT	SIM	SIMILAR
CONTR	CONTRACTOR	M	STEEL M-SHAPE	SM	SMOOTH
CPOI	FURNISHED OWNER INSTALLED	MARB	MARBLE	SPEC	SPECIFICATION
CL	CENTERLINE	MB	MARKERBOARD	SQ	SQUARE
CLG	CEILING	MAS	MASONRY	SS	STAINLESS STEEL
CJ	CONTROL JOINT	MAX	MAXIMUM	STD	STANDARD
CLR	CLASSROOM	MC	MISC STEEL CHANNEL	STL	STEEL
CONC	CONCRETE	MECH	MECHANICAL	STOR	STORAGE
CONF	CONFERENCE	MET	METAL	SYNTH	SYNTHETIC
CONT	CONTINUOUS	MIN	MINIMUM	SYS	SYSTEM
CORK	CORKBOARD	MISC	MISCELLANEOUS	TEL	TELEPHONE
CSWK	CASEWORK	MO	MASONRY OPENING	TER	TERRAZZO
CT	CERAMIC TILE	MR	MOISTURE RESISTANT	TS	STEEL STRUCTURAL TUBE
DEG	DEGREE				
DEMO	DEMOLITION	MTD	MOUNTED	TYP	TYPICAL
DF	DRINKING FOUNTAIN	NA	NOT APPLICABLE	UNFIN	UNFINISHED
DIA	DIAMETER	NTS	NOT TO SCALE	VB	VINYL BASE
DN	DOWN	OC	ON CENTER	VCT	VINYL COMPOSITION TILE
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM	OD	OUTSIDE DIAMETER	VERT	VERTICAL
		OFCI	OWNER FURNISHED CONTRACTOR INSTALLED	VFOI	VENDOR FURNISHED OWNER INSTALLED
ELEC	ELECTRICAL	OFOI	OWNER FURNISHED OWNER INSTALLED	VFVI	VENDOR FURNISHED VENDOR INSTALLED
EQ	EQUAL			VIN	VINYL
EQUIP	EQUIPMENT	OFVI	OWNER FURNISHED VENDOR INSTALLED	VNR	VENEER
EWC	ELECTRIC WATER COOLER			VWC	VINYL WALL COVERING
EXIST	EXISTING	OFF	OFFICE	W	STEEL W-SHAPE
EJ	EXPANSION JOINT	ORD	OVERFLOW ROOF DRAIN	W/	WITH
EXT	EXTERIOR	PERF	PERFORATED	W/O	WITHOUT
FD	FLOOR DRAIN	PL	PLATE	WD	WOOD
FEC	FIRE EXTINGUISHER CABINET	PLAM	PLASTIC LAMINATE	WSCT	WAINSCOT
		PLAS	PLASTER	WWF	WELDED WIRE FABRIC
FRP	FIBERGLASS REINFORCED PANEL	POR	PORCELAIN		
FWC	FABRIC WALL COVERING	PRCST	PRECAST		

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

GIBRALTAR DESIGN
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PROJECT 06-612
DATE 03/19/07
COORDINATED BY LDH
DRAWN BY MAM
CHECKED BY LDH

LAWRENCE D. HOVEY REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR

DRAWING
TYPICAL ACCESSIBLE MOUNTING HEIGHTS, ABBREVIATIONS, SYMBOLOGY AND LEGEND

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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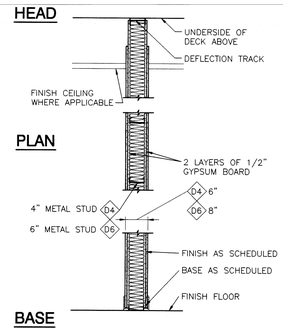
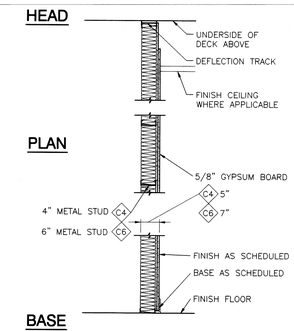


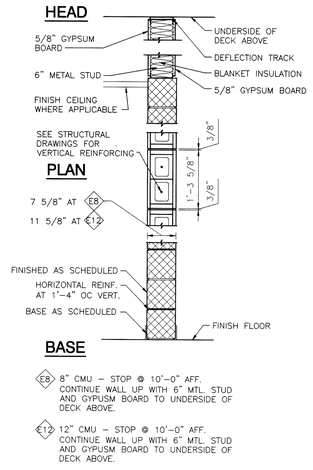
D4 4" METAL STUD WITH INSULATION AND TWO LAYERS OF 1/2" GYPSUM BOARD BOTH SIDES. EXTERIOR LAYER OF GYPSUM BOARD EXTENDS 6" PAST FINISHED CEILING. INTERIOR LAYER EXTENDS TIGHT TO STRUCTURE ABOVE.

D6 6" METAL STUD WITH INSULATION AND TWO LAYERS OF 1/2" GYPSUM BOARD BOTH SIDES. EXTERIOR LAYER OF GYPSUM BOARD EXTENDS 6" PAST FINISHED CEILING. INTERIOR LAYER EXTENDS TIGHT TO STRUCTURE ABOVE.



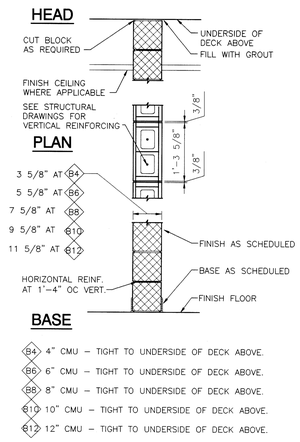
C4 4" METAL STUD WITH INSULATION AND TWO LAYERS OF 1/2" GYPSUM BOARD BOTH SIDES. EXTERIOR LAYER OF GYPSUM BOARD EXTENDS 6" PAST FINISHED CEILING. INTERIOR LAYER EXTENDS TIGHT TO STRUCTURE ABOVE.

C6 6" METAL STUD WITH INSULATION AND TWO LAYERS OF 1/2" GYPSUM BOARD BOTH SIDES. EXTERIOR LAYER OF GYPSUM BOARD EXTENDS 6" PAST FINISHED CEILING. INTERIOR LAYER EXTENDS TIGHT TO STRUCTURE ABOVE.



E8 8" CMU – STOP @ 10'-0" AFF. CONTINUE WALL UP WITH 6" MTL. STUD AND GYPUSM BOARD TO UNDERSIDE OF DECK ABOVE.

E12 12" CMU – STOP @ 10'-0" AFF. CONTINUE WALL UP WITH 6" MTL. STUD AND GYPUSM BOARD TO UNDERSIDE OF DECK ABOVE.



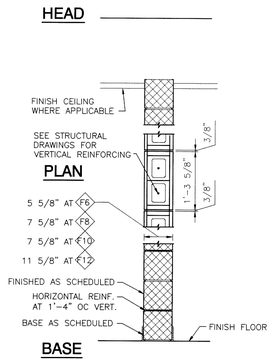
B4 4" CMU – TIGHT TO UNDERSIDE OF DECK ABOVE.

B6 6" CMU – TIGHT TO UNDERSIDE OF DECK ABOVE.

B8 8" CMU – TIGHT TO UNDERSIDE OF DECK ABOVE.

B10 10" CMU – TIGHT TO UNDERSIDE OF DECK ABOVE.

B12 12" CMU – TIGHT TO UNDERSIDE OF DECK ABOVE.

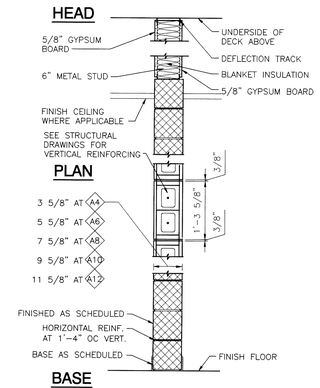


F6 6" CMU – STOP @ 10'-0" AFF.

F8 8" CMU – STOP @ 10'-0" AFF.

F10 12" CMU – STOP @ 10'-0" AFF.

F12 12" CMU – STOP @ 10'-0" AFF.



A4 4" CMU – STOP (1) COURSING ABOVE CEILING, CONTINUE WALL UP WITH 6" MTL. STUD TO UNDERSIDE OF DECK ABOVE.

A6 6" CMU – STOP (1) COURSING ABOVE CEILING, CONTINUE WALL UP WITH 6" MTL. STUD TO UNDERSIDE OF DECK ABOVE.

A8 8" CMU – STOP (1) COURSING ABOVE CEILING, CONTINUE WALL UP WITH 6" MTL. STUD TO UNDERSIDE OF DECK ABOVE.

A10 10" CMU – STOP (1) COURSING ABOVE CEILING, CONTINUE WALL UP WITH 6" MTL. STUD TO UNDERSIDE OF DECK ABOVE.

A12 12" CMU – STOP (1) COURSING ABOVE CEILING, CONTINUE WALL UP WITH 6" MTL. STUD TO UNDERSIDE OF DECK ABOVE.

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DESIGN
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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY LDH
DRAWN BY MAM
CHECKED BY LDH

LAWRENCE D. HOVIE REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR

DRAWING
WALL TYPES

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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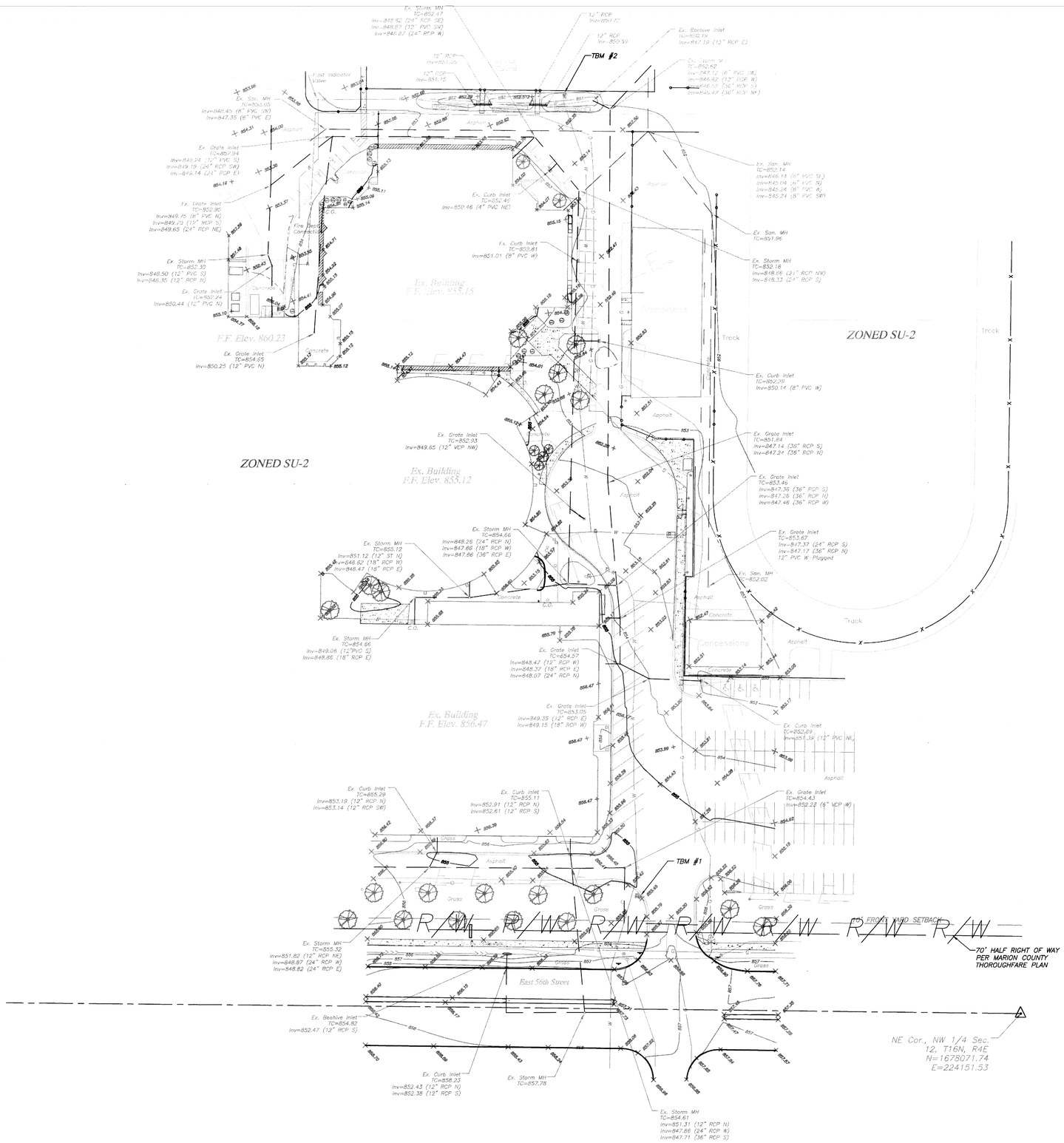


SCALE: 1"=40'

EXISTING LEGEND

- HANDCAP MARKING
- SIGN
- (S) SANITARY MANHOLE
- (ST) STORM MANHOLE
- BEEHIVE INLET
- GRATE INLET
- CURB INLET
- (E) ELECTRIC MANHOLE
- POWER POLE
- LIGHT POLE
- (T) TELEPHONE MANHOLE
- (T) TELEPHONE PEDESTAL
- (TR) TRAFFIC MANHOLE
- (G) GAS METER
- GAS VALVE
- (W) WATER METER
- WATER VALVE
- FIRE HYDRANT
- FIRE HYDRANT & VALVE
- S — SANITARY SEWER
- ST — STORM SEWER
- OE — OVERHEAD ELECTRIC
- BE — BURIED ELECTRIC
- BT — BURIED TELEPHONE
- G — GAS LINE
- W — WATER LINE
- X — FENCE
- GUARDRAIL
- X 700.00 — EX. SPOT ELEVATION
- TREE

PARTIAL LEGAL DESCRIPTION

A part of the Southeast Quarter of Section 1, Township 16 North, Range 4 East, in Marion County, Indiana, more particularly described as follows:

Commencing at the Southeast Corner of the Southwest Quarter of Section 1, Township 16 North, Range 4 East, thence north along the East line of said Quarter Section a distance of 50.0 feet to a point, thence west on a line parallel to the South line of said Quarter Section a distance of 314.00 feet to a point, thence deflecting to the north 90°00' a distance of 11.00 feet to the point of beginning of TRACT A, thence deflecting to the left, 90°00' a distance of 127.00 feet to a point, thence deflecting to the left 90°00' a distance of 11.00' to a point, thence deflecting to the right 90°00' a distance of 64.00 feet to a point, thence deflecting to the right 90°00' a distance of 11.00 feet to a point, thence deflecting to the left 90°00' a distance of 330.50 feet to a point, thence deflecting to the right 90°00' a distance of 331.50 feet to a point, thence deflecting to the right 90°00' a distance of 201.50 feet to a point, thence on an arc with a radius of 123.00 feet a distance of 297.33 feet to a point, thence deflecting to the right 90°00' a distance of 25.00 feet to a point, thence deflecting to the left 90°00' a distance of 200.00 feet to a point, thence deflecting to the right 90°00' a distance of 50.00 feet to a point, thence deflecting to the right 90°00' a distance of 200.00 feet to a point, thence deflecting to the left 90°00' a distance of 30.00 feet to a point, thence deflecting to the right 90°00' a distance of 413.00 feet to the point of beginning, containing 4.31 acres more or less.

BENCH MARK DATA

LAWRENCE 99
General coordinates: 5600N & 9000E MID-STATES 1982 ELEV. 846.36
Sec. 5-17-5: A Government Benchmark, a granite monument, 0.2 miles W of Post Road, 0.4 miles N of E. 56th Street at Fort Benjamin Harrison, 150' W of Lawton Loop E. Dr. and 13' N of the centerline of Funston Drive.

TBM #1 – A painted "X" in the North bonnet bolt of the fire hydrant southeast of the school building.
ELEV. 854.17

TBM #2 – A painted "X" in the North bonnet bolt of the fire hydrant northeast of the school building.
ELEV. 858.38

Note:
The locations of existing underground utilities shown on this plan are based on above ground evidence only, including, but not limited to, manholes, meters, valves, and marks made by others.

FLOOD HAZARD STATEMENT:
This is to certify that the subject property lies in Flood Hazard Area Zone "X". The precision is subject to map scale uncertainty and to any other uncertainty in location or elevation on Community Panel No. 18097C 0160E of the Flood Insurance Rate Maps, effective date January 5, 2001.

MARK ALAN SETTLEMENT REGISTERED No. LS20200044 STATE OF INDIANA LAND SURVEYOR
BY:

SYM	REVISIONS	SYM	REVISIONS

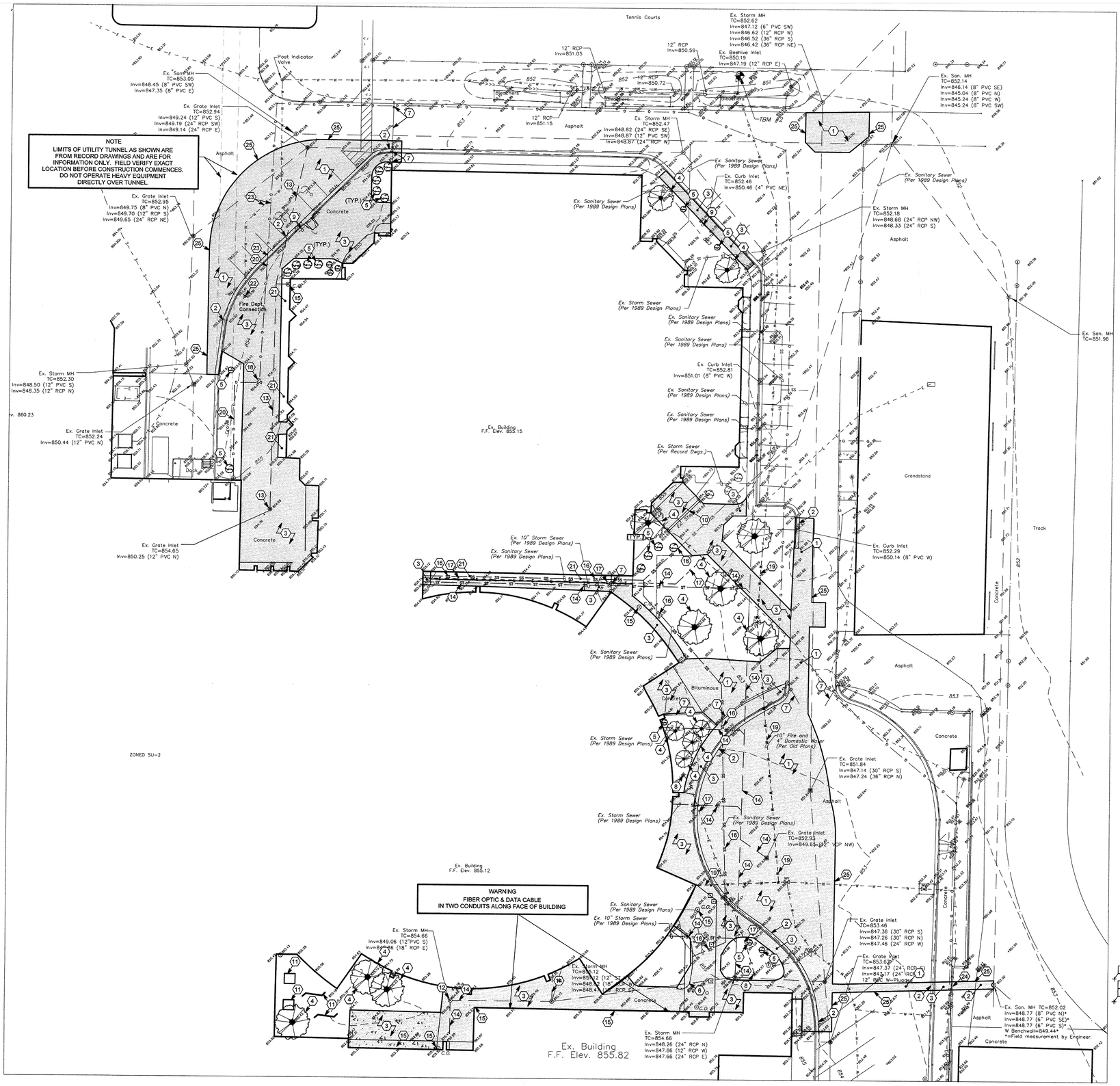
DRAWN BY: KAK
DESIGNED BY: DRH
CHECKED BY: MAS
DATE: OCTOBER 13, 2006

FORESIGHT ENGINEERING
Civil Engineers & Land Surveyors
1438 Sadlier Circle East Drive
Indianapolis, Indiana 46239
317-352-7052

LAWRENCE CENTRAL HIGH SCHOOL
7300 W. 56th STREET
INDIANAPOLIS, INDIANA

TOPOGRAPHY SURVEY

PROJECT I.D. GIB06C
SCALE: 1"=40'
SHEET NO. C101



GENERAL NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACQUAINT HIMSELF WITH ALL EXISTING SITE FEATURES AND SUBSOIL CONDITIONS.
2. CONTRACTOR IS RESPONSIBLE FOR OBTAINING, OR VERIFYING THAT ALL PERMITS AND APPROVALS ARE OBTAINED FROM THE RESPECTIVE CITY, COUNTY, AND STATE AGENCIES PRIOR TO STARTING CONSTRUCTION.
3. THE PLANS SHOW THE LOCATION OF UTILITIES LOCATED WITHIN THE LIMITS OF THE CONTRACT ACCORDING TO INFORMATION PROVIDED BY THE VARIOUS UTILITY COMPANIES, PREVIOUS CONSTRUCTION PLANS AND AS EVIDENCED BY OBSERVATION OF ABOVE GROUND CONDITIONS BY THE SURVEYOR. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY AND COORDINATE CONSTRUCTION WITH ALL RESPECTIVE UTILITIES.
5. ALL PAVEMENT CUT DUE TO UTILITY INSTALLATION, CONSTRUCTION OF CURBS, ETC., OR DAMAGE TO EXISTING PAVEMENT DURING CONSTRUCTION SHALL BE PATCHED WITH A PAVEMENT SECTION WHICH MEETS OR EXCEEDS THE EXISTING SECTION.
6. ALL GRASS AND/OR LANDSCAPING DISTURBED BY NEW CONSTRUCTION SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.
7. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS: FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
8. EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
9. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION SHALL CONFORM TO APPLICABLE LOCAL STANDARDS.
10. BOUNDARY AND TOPOGRAPHIC SURVEY PROVIDED BY: FORESIGHT ENGINEERING
11. ALL EXISTING MANHOLE AND CATCH BASIN CASTINGS, WATER OR GAS VALVE BOXES SHALL BE ADJUSTED TO NEW FINISH GRADE ELEVATION.
12. CONTRACTOR SHALL PROVIDE TEMPORARY SNOW FENCING AROUND ALL OPEN EXCAVATIONS.
13. CONTRACTOR SHALL VERIFY DATE OF PLANS WITH ENGINEER PRIOR TO CONSTRUCTION TO ENSURE USE OF CURRENT PLANS.

KEYNOTES

1. REMOVE BITUMINOUS PAVEMENT
2. REMOVE CONCRETE CURB & GUTTER
3. REMOVE CONCRETE SIDEWALK
4. REMOVE TREE
5. REMOVE SHRUB
6. REMOVE WALL
7. REMOVE FENCE / GATE
8. REMOVE LIGHT POLE BASE. LIGHT POLE REMOVED/RELOCATED BY ELECTRICAL CONTRACTOR.
9. REMOVE SIGN AND RETURN TO OWNER
10. REMOVE STEPS AND HANDRAIL
11. REMOVE PLAYGROUND EQUIPMENT
12. REMOVE STORM SEWER MANHOLE
13. STORM SEWER INLET AND PIPE TO BE REMOVED BY PLUMBING CONTRACTOR
14. REMOVE STORM SEWER PIPE
15. REMOVE CLEANOUT / DOWNSPOUT AND CONNECTION
16. REMOVE SANITARY SEWER PIPE
17. ELECTRIC LINE TO BE REMOVED BY ELECTRICAL CONTRACTOR
18. REMOVE VALVE
19. REMOVE WATER LINES
20. GAS LINE TO BE RELOCATED BY PLUMBING CONTRACTOR
21. SALVAGE CELLULAR PAVERS FOR RE-USE. DISPOSE OF EXCESS.
22. FDC TO BE RELOCATED BY PLUMBING CONTRACTOR
23. ABANDON IN PLACE
24. CORE DRILL/SLEEVE RETAINING WALL FOR NEW SANITARY SEWER PIPE.
25. SAWCUT LINE

LEGEND

SEE SURVEY FOR ADDITIONAL LEGEND

HANDCAP MARKING		W	WATER METER
SIGN		WV	WATER VALVE
S	SANITARY MANHOLE		FIRE HYDRANT
ST	STORM MANHOLE		FIRE HYDRANT & VALVE
	BEEHIVE INLET	SS	SANITARY SEWER
	GRATE INLET	ST	STORM SEWER
	CURB INLET	OE	OVERHEAD ELECTRIC
E	ELECTRIC MANHOLE	BE	BURIED ELECTRIC
	POWER POLE	BT	BURIED TELEPHONE
	LIGHT POLE	G	GAS LINE
T	TELEPHONE MANHOLE	W	WATER LINE
T	TELEPHONE PEDESTAL	X	FENCE
TR	TRAFFIC MANHOLE		GUARDRAIL
G	GAS METER	X 700.00	EX. SPOT ELEVATION
GV	GAS VALVE		TREE
MEG	MATCH EXISTING GRADE		
852.90 / 852.40	NEW SPOT ELEVATION (TOP OF CURB & GUTTER)		

CAUTION !!

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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
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Phone 317.580.5777 Fax 317.580.5778

PROJECT 06-612
DATE 03/16/07
COORDINATED BY GDI
DRAWN BY JCT
CHECKED BY MNO

BRIAN N. CLARK REGISTERED No. 890209 STATE OF INDIANA PROFESSIONAL ENGINEER

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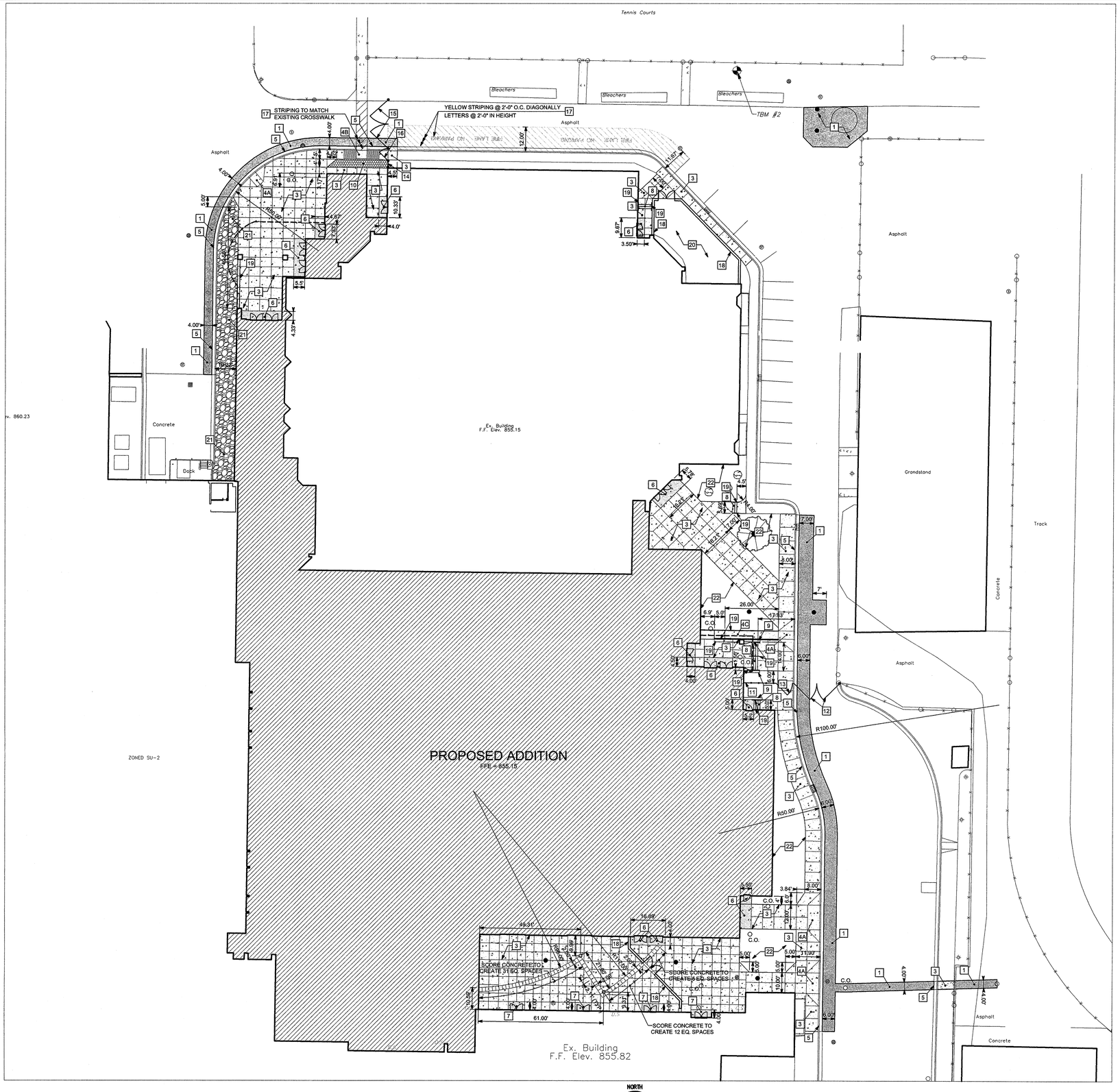
Tennis Courts
Bleachers
Bleachers
Bleachers
TBM #2
STRIPING TO MATCH EXISTING CROSSWALK
YELLOW STRIPING @ 2'-0" O.C. DIAGONALLY
LETTERS @ 2'-0" IN HEIGHT
FIRE LANE NO PARKING
Asphalt
Asphalt
Asphalt
Asphalt
Asphalt
Concrete
Deck
Grandstand
Track
Concrete
Concrete
Ex. Building
F.F. Elev. 855.15
PROPOSED ADDITION
FFE = 855.15
Ex. Building
F.F. Elev. 855.82
SCORE CONCRETE TO CREATE 51 EQ. SPACES
SCORE CONCRETE TO CREATE 5 EQ. SPACES
SCORE CONCRETE TO CREATE 12 EQ. SPACES
ZONED SU-2
R100.00'
R50.00'
49.31'
61.00'
26.00'
17.93'
16.69'
3.84'
11.90'
7.00'
6.00'
4.00'
5.00'
12.00'
10.33'
9.67'
3.50'
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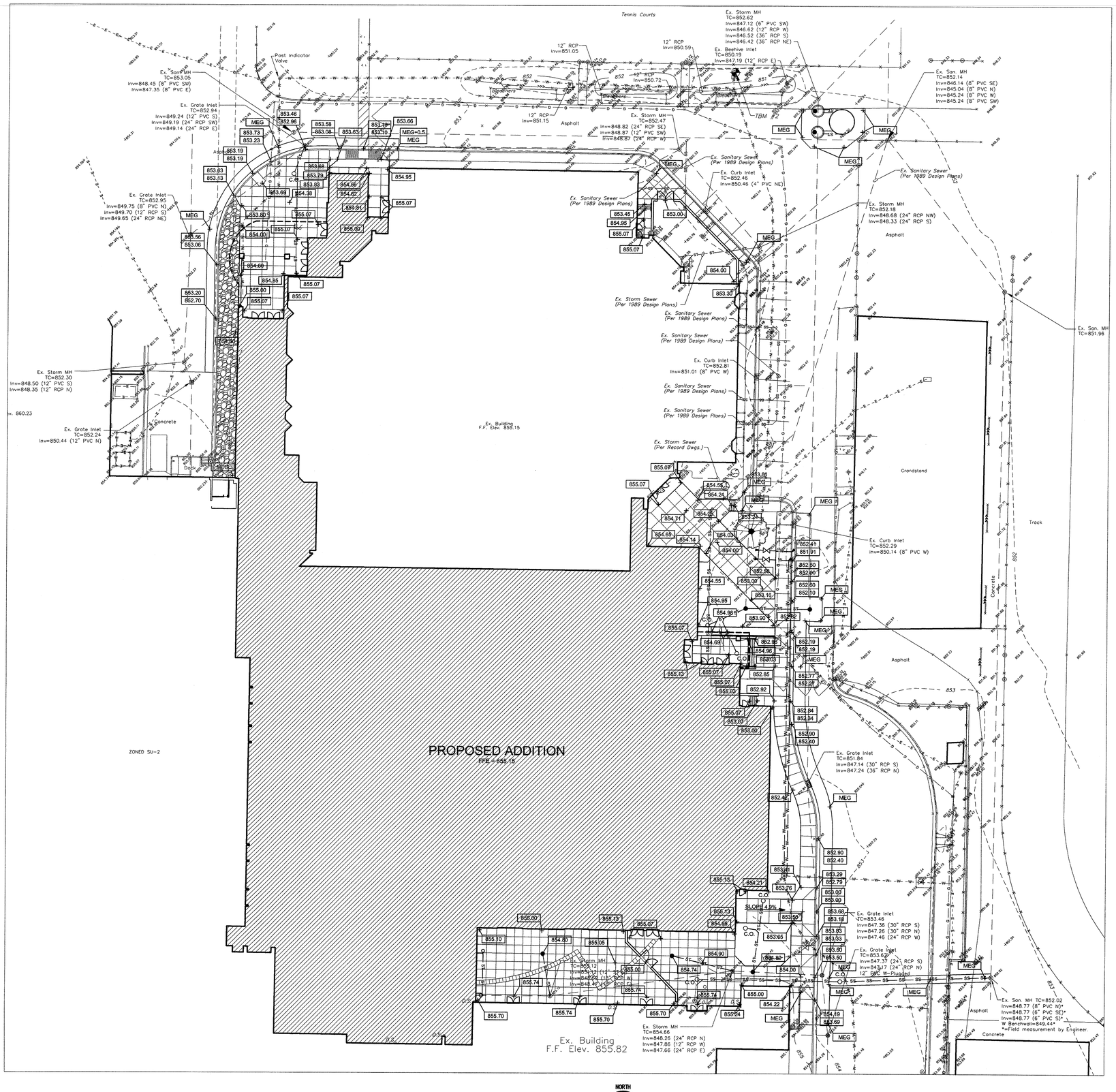

GRADING AND DRAINAGE PLAN

SCALE: 1"=20'

20 0 20 40 60

NORTH

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COORDINATED BY GDI
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MARK N. OBERMEYER
REGISTERED
No. 890209
STATE OF INDIANA
PROFESSIONAL ENGINEER

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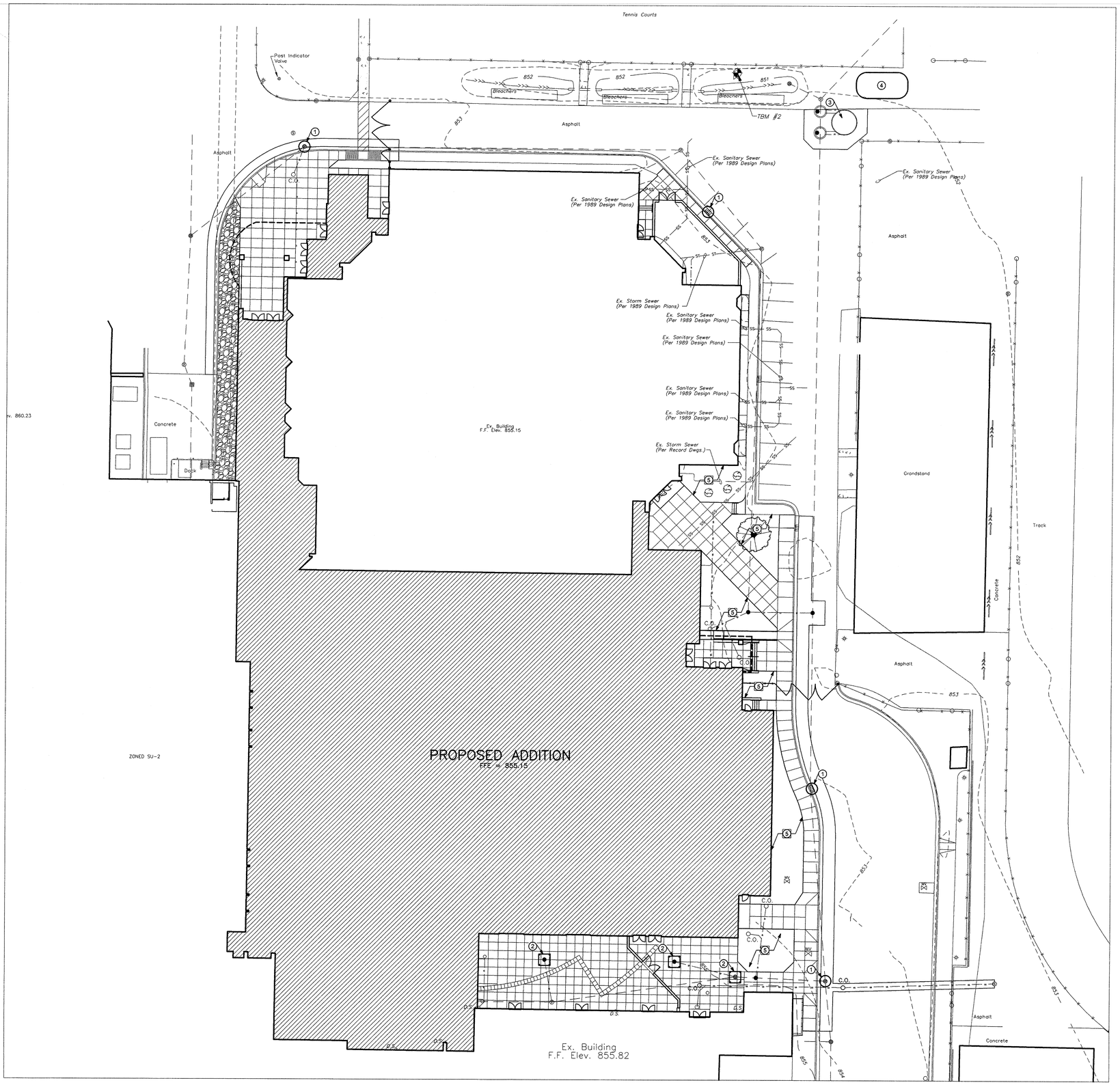

GENERAL NOTES

1. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF 327 IAC15-5 (RULE 5).
2. CONTRACTOR SHALL PROVIDE ANY ADDITIONAL EROSION CONTROL MEASURES AS MAY BE REQUIRED BY GOVERNMENTAL AUTHORITIES.
3. SEED ANY AREAS DISTURBED BY UTILITY CONSTRUCTION.
4. TEMPORARILY SEED ANY AREAS WHERE FINAL GRADE IS NOT COMPLETED AND THE AREA REMAINS INACTIVE FOR A PERIOD EXCEEDING 15 DAYS. REFER TO DETAILS FOR TEMPORARY SEEDING GUIDELINES.
5. EXISTING PAVED DRIVEWAYS TO BE USED AS CONSTRUCTION ENTRANCES. CONTRACTOR SHALL MAINTAIN DRIVES AND PARKING LOTS FREE OF SEDIMENT AND DEBRIS.

KEYNOTES

1. INLET SEDIMENT BAG, SEE DETAIL 1/C6.2.
2. SILT FENCE INLET PROTECTION, SEE DETAIL 2/C6.2.
3. STORM BMP UNIT, REFER TO SHEET C6.2
4. CONCRETE TRUCK WASH-OUT PIT- REMOVE WASTE UPON COMPLETION OF CONSTRUCTION, SEE DETAIL 3/C6.2
5. AREA TO BE SEEDED.

LEGEND

- INLET SILT PROTECTION
- INLET SEDIMENT BAG

EROSION CONTROL PLAN

SCALE: 1"=20'

20 0 20 40 60

NORTH

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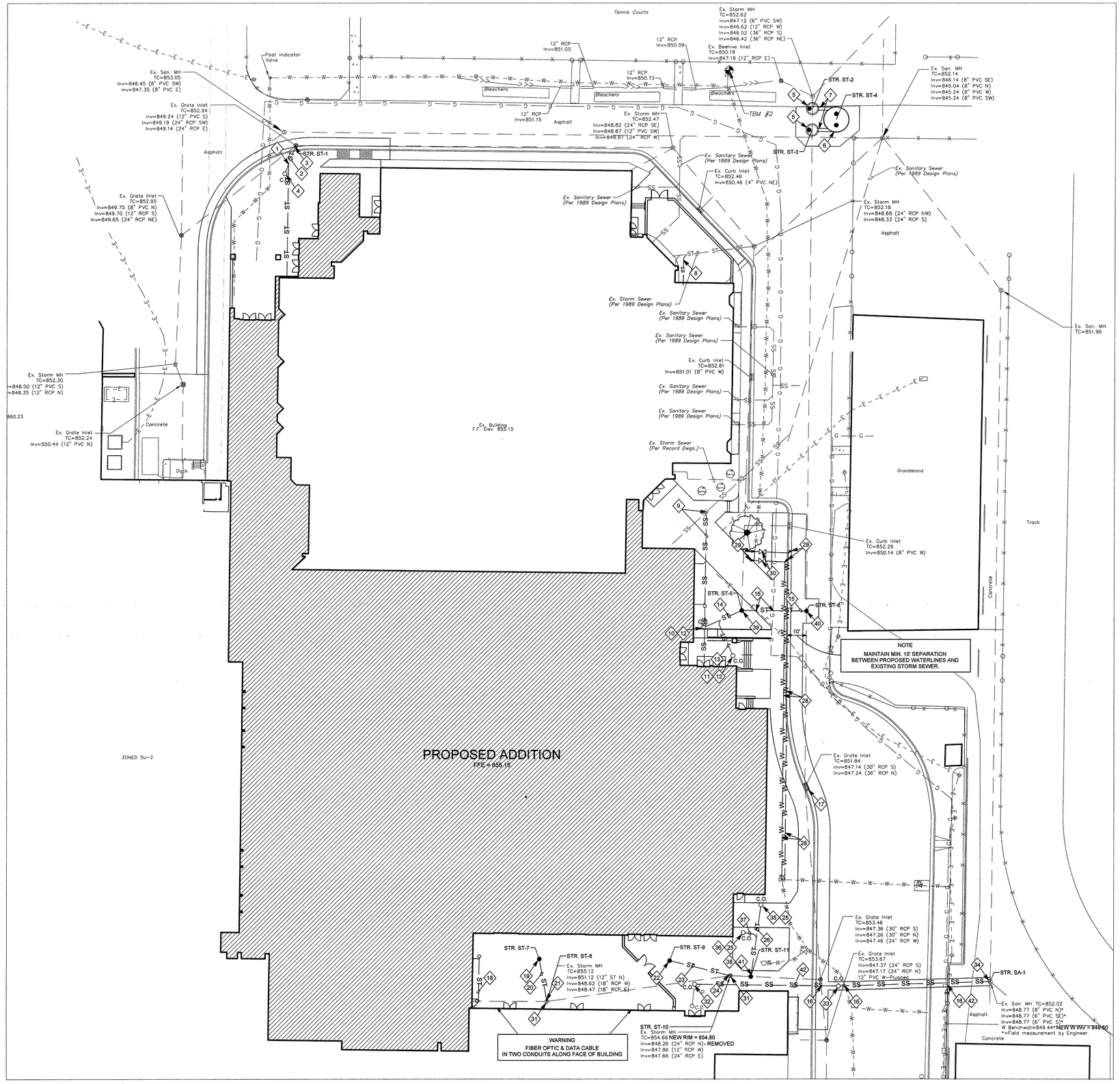

SITE UTILITY PLAN

SCALE: 1"=20'

20 0 20 40 60

KEYNOTES

1. CONNECT NEW 8" PVC STORM LINE INTO 8" BUILDING STORM AT INV. EL. = 849.65.
2. 10 LF OF 8" PVC @ 2.00%.
3. CONNECT 8" PVC PIPE INTO EXISTING STORM STRUCTURE AT INVERT EL. = 849.45. CORE DRILL AND GROUT CONNECTION SOLID.
4. CLEANOUT - SEE DETAIL 10/C6.1
5. INSTALL NEW 5' DIAMETER STORM MANHOLE ON EXISTING 36" RCP STORM LINE. SEE DETAIL 8 & 14/C6.2. INVERT EL. = 846.4± (FIELD VERIFY) RIM EL. = 852.45
6. STORM WATER QUALITY UNIT - SEE DETAIL 5/C6.2
7. TWO - 5' LENGTHS OF 18" PVC PIPE @ 0.00%
8. SEE PLUMBING PLAN P-101 FOR THIS ROOF CONDUCTOR.
9. SEE PLUMBING PLAN P-104 FOR THE SANITARY SEWER CONNECTION.
10. CONNECT 12" PVC STORM LINE INTO 10" BUILDING STORM AT INVERT EL. = 848.65.
11. CONNECT 10" PVC STORM LINE INTO 8" BUILDING STORM AT INVERT EL. = 851.15.
12. SEE PLUMBING PLAN P-104 FOR CLEANOUT & CONTINUATION INTO BUILDING.
13. 18 LF OF 10" PVC PIPE @ 14.41%.
14. 20 LF OF 12" PVC PIPE @ 1.10%.
15. 30 LF OF 27" RCP @1.00%.
16. FIELD VERIFY DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO INSTALLING NEW SEWER. NOTIFY ARCHITECT/ENGINEER OF ANY CONFLICTS.
17. REPLACE EXISTING CASTING WITH A NEENAH R-3286-8V CASTING.
18. SEE PLUMBING PLAN P-108 FOR THIS ROOFING CONDUCTOR.
19. ADS 10" COURTYARD DRAIN BASIN 2810AG WITH 8" OUTLET. INVERT EL. = 853.47, RIM EL. = 854.80.
20. 21 LF OF 8" PVC PIPE @ 6.00%.
21. CONNECT 8" PVC INTO EXISTING STORM STRUCTURE STR. ST-8 AT INVERT EL. = 852.21. CORE DRILL AND GROUT CONNECTION SOLID.
22. ADS 10" COURTYARD DRAIN BASIN 2810AG WITH 8" OUTLET. INVERT EL. = 853.41, RIM EL. = 854.74.
23. 30 LF OF 8" PVC PIPE @ 4.00%.
24. CONNECT 8" PVC PIPE INTO EXISTING STORM STRUCTURE ST-10 AT INVERT = 852.21. CORE DRILL AND GROUT CONNECTION SOLID.
25. SEE PLUMBING PLAN P-106 FOR CLEANOUT AND CONTINUATION INTO BUILDING.
26. 35 LF OF 10" PVC PIPE @ 3.00%
27. INSTALL NEW STORM MANHOLE STR. ST-11 ON EXISTNG 24" STORM LINE. EXISITNG INVERT = 847.6± (FIELD VERIFY) RIM EL. = 854.80
28. REROUTE DOMESTIC 4" D.I.P. AND 10" D.I.P. FIRE LINE. FIELD VERIFY LOCATION AND DEPTH. (NOTE: SURVEY SHOWS ONLY ONE WATER LINE.)
29. THRUST BLOCK - SEE DETAIL 6/C6.4.
30. ONE - 4" AND ONE - 10" GATE VALVE AND GATE BOX.
31. ADJUST EXISTING CASTING TO 854.80.
32. CLEANOUT AND 65 LF OF DUCTILE IRON SANITARY @ 1.54%. CONNECT TO EXISTING SANITARY. FIELD VERIFY AND PROVIDE INVERT TO ENGINEER PRIOR TO ANY SEWER CONSTRUCTION. SEE DETAIL 15/C6.1. ASSUMED INV = 851.8.
33. CLEANOUT AND 78 LF OF 6" DUCTILE IRON SANITARY @ 1.67%. SEE DETAIL 15/C6.1.
34. CORE DRILL AND BOOT MANHOLE FOR 6" SANITARY CONNECTION. NEW W. INV EL. = 849.5± (FIELD VERIFY).
35. CONNECT NEW 10" PVC STORM LINE INTO 4" BUILDING STORM AT INVERT EL. = 851.15.
36. CONNECT NEW 8" PVC STORM LINE INTO 8" BUILDING STORM AT INVERT EL. = 851.15.
37. 7 LF 0F 8" PVC PIPE @ 6.43%
38. CONNECT 10" PVC INTO NEW MANHOLE AT INVERT EL. = 850.10.
39. INSTALL NEW 5' DIAMETER STORM MANHOLE STR. ST-5 ON EXISTING 24" STORM SEWER. SEE DETAIL 14/C6.1. RIM EL. = 853.40, INVERT EL. E = 848.3, INVERT EL. N = 848.3± (FIELD VERIFY) (NO PIPE SOUTH)
40. INSTALL NEW 6' DIAMETER STORM MANHOLE STR. ST-6 ON EXISTING 36" STORM SEWER. SEE DETAIL 14/C6.1. RIM EL. = MEQ, INVERT EL. W = 848.00, INVERT EL. S = 847.0± (FIELD VERIFY) INVERT EL. N = 847.0± (FIELD VERIFY)
41. INSTALL NEW 4' DIAMETER STORM MANHOLE STR. ST-11 ON EXISTING 24" STORM SEWER. SEE DETAIL 13/C6.1. RIM EL. = 854.80, INVERT EL. W = 847.6±, INVERT EL. N = 850.10, INVERT EL. E = 847.6± (FIELD VERIFY)
42. CORE DRILL AND SLEEVE RETAINING WALL.

NOTE
CONTRACTOR SHALL EXCAVATE ALL NEW STORM AND SANITARY SEWER CROSSINGS WITH THE EXISTING UTILITIES TO VERIFY CLEARANCES OR CONFLICTS BEFORE ANY NEW SEWER CONSTRUCTION. REPORT ANY CONFLICTS TO ENGINEER.

GENERAL NOTES

1. THE CONTRACTOR SHALL CONTACT ALL APPLICABLE UTILITIES PRIOR TO BID AND VERIFY ANY AND ALL FEES ASSOCIATED WITH THE INSTALLATION OF ALL UTILITIES. ALL FEES AND INSPECTIONS SHALL BE INCLUDED IN THE BID.
2. CONTRACTOR SHALL VERIFY EXISTING STORM SEWER AND SANITARY SEWER CONDITIONS, LOCATION AND DEPTH PRIOR TO ANY OTHER SITE CONSTRUCTION TO ENSURE THAT THE NEW SEWERS CAN BE CONSTRUCTED AS SHOWN ON THESE PLANS. REPORT ANY DISCREPANCIES TO THE ENGINEER.
3. SEE PLUMBING PLANS FOR LOCATIONS OF UTILITY CONNECTIONS AT BUILDING.
4. PATCH PAVING DUE TO UTILITY CUTS TO MATCH EXISTING, SEE DETAIL 13/C6.2.
5. CONTRACTOR SHALL INSTALL ALL SLEEVES/CONDUITS AS REQUIRED BY THE UTILITY COMPANIES. COORDINATE FINAL LOCATIONS WITH THE UTILITY COMPANIES.
6. WHERE WATER LINES AND SEWERS CROSS AND THE WATER LINE CANNOT BE PLACED ABOVE OR BELOW THE SEWER WITH A MINIMUM OF 18" VERTICAL CLEARANCE, THE SEWER MUST BE CONSTRUCTED OF WATER WORKS GRADE DUCTILE IRON PIPE WITH MECHANICAL JOINTS OR PLASTIC PRESSURE SEWER PIPE WITH GASKETED, COMPRESSION-TYPE JOINTS WITHIN 10' OF THE WATER LINE. THE WATER LINES SHALL BE INSTALLED ABOVE THE SEWER WHEREVER POSSIBLE.
7. WHERE WATER LINES AND SEWERS RUN PARALLEL AND A MINIMUM SEPARATION DISTANCE OF 10' CANNOT BE MAINTAINED, THE SEWER MUST BE CONSTRUCTED OF WATER WORKS GRADE DUCTILE IRON PIPE WITH MECHANICAL JOINTS OR PLASTIC PRESSURE SEWER PIPE WITH GASKETED, COMPRESSION-TYPE JOINTS.
8. WATER LINES SHALL BE INSTALLED WITH A MINIMUM COVER OF 5'-0".
9. DUE TO THE INCOMPLETE UTILITY LINE CONNECTIONS DELINEATED PER THE SURVEY, ADDITIONAL UTILITY LINES AND CONNECTIONS HAVE BEEN SHOWN BASED UPON SITE DRAWINGS OBTAINED FROM THE OWNER AND STANDARD ENGINNEERING/ CONSTRUCTION PRACTICES. THE ACTUAL UTILITY LINE LOCATIONS MAY VARY FROM THAT DEPICTED ON THESE PLANS
10. CONTRACTORS SHALL CONSULT ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL PLANS FOR: INVERT ELEVATIONS AND EXACT LOCATION OF DOWNSPOUTS, WATER LINES, STORM LINES, SANITARY LINES, GAS LINES, TRANSFORMER PADS OR POLES, ETC.
11. PVC AND HDPE PIPE TO BE INSTALLED AT LOCATIONS INDICATED AND SHALL NOT BE SUBSTITUTED FOR RCP PIPE.
12. EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.

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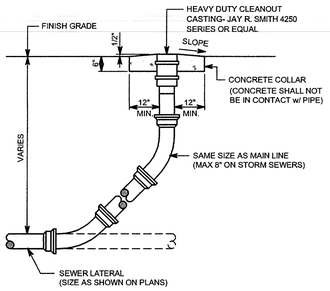
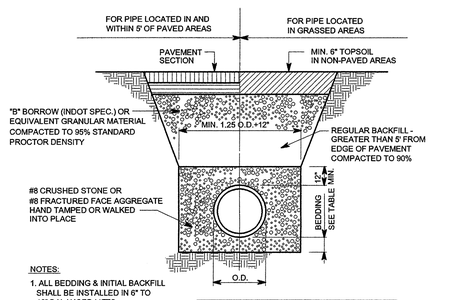


STORM / SANITARY SEWER CLEANOUT

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

15 C6.1



NOTES:

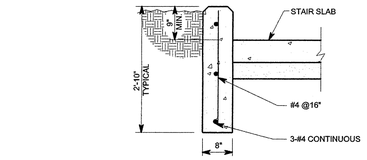
1. ALL BEDDING & INITIAL BACKFILL SHALL BE INSTALLED IN 6" TO 12" BALANCED LIFTS.
2. A MIN. 9" CLEARANCE SHALL BE PROVIDED ON EACH SIDE OF THE INSTALLED PIPE.

PIPE SIZE	UP TO 15"	18" AND OVER
BEDDING BELOW THE PIPE BARREL	OD/4 MIN. = 4"	OD/4 MAX = 8"

SANITARY SEWER PVC PIPE TRENCH DETAIL

SCALE: NTS

16 C6.1

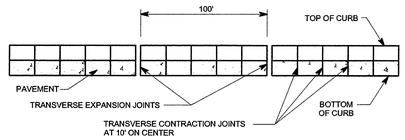


NOTE: SEE ARCHITECTURAL PLANS FOR HANDRAIL DETAILS.

STAIR SIDEWALL DETAIL

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

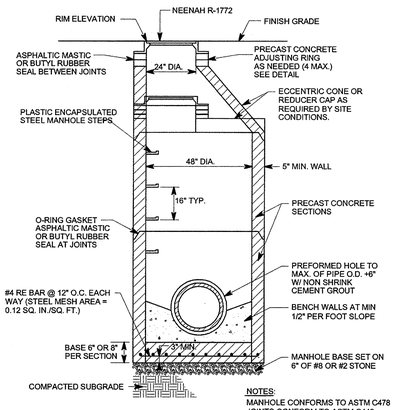
11 C6.1



CURB JOINT DETAIL

SCALE: NTS

12 C6.1

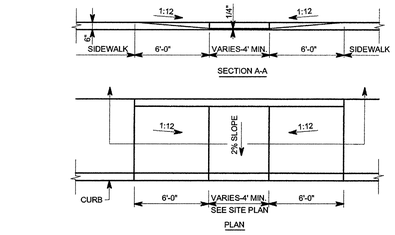


NOTES:
MANHOLE CONFORMS TO ASTM C478
JOINTS CONFORM TO ASTM C443

4' STORM MANHOLE

SCALE: NTS

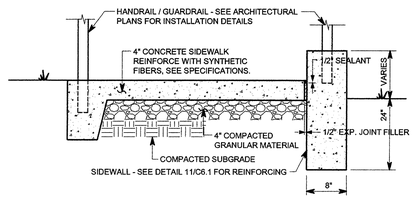
13 C6.1



HANDICAP RAMP TYPE "B"

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

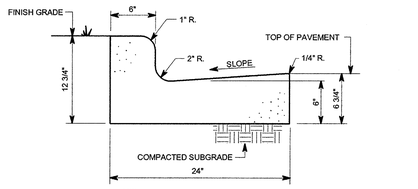
6 C6.1



HANDICAP RAMP TYPE "C"

NO SCALE

7 C6.1

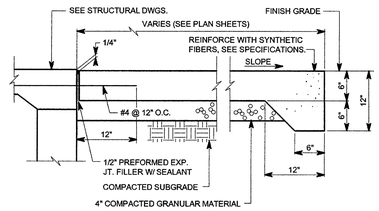


NOTE:
CURB SHALL HAVE 1/2" EXPANSION JOINTS @ 80'-0" MAX. & @ ENDS OF RADII. CONTROL JOINTS SHALL BE @ 10'-0 MAX. UNLESS OTHERWISE NOTED.

CONCRETE CURB & GUTTER

SCALE: NTS

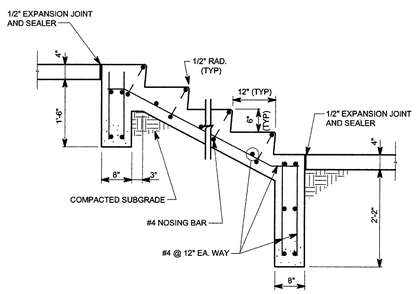
8 C6.1



CONCRETE STOOP

SCALE: 1" = 1'-0"

9 C6.1

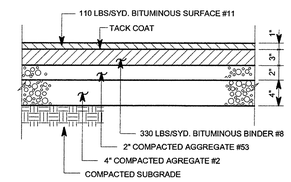


NOTE: SEE ARCHITECTURAL PLANS FOR HANDRAIL DETAILS.

TYPICAL STAIR DETAIL

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

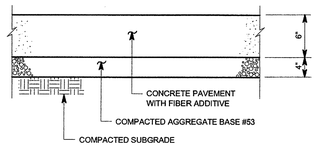
10 C6.1



MEDIUM DUTY H.A.C. PAVEMENT

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

1 C6.1

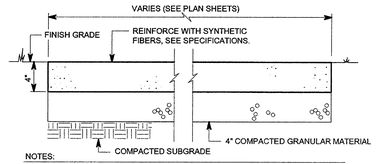


FIBER ADDITIVE: VIRGIN NYLON FIBERS. 3/4" LENGTH, NYCON BY NYCON INC., OR FORTA NYLON BY FORTA CORPORATION, ADDED AT THE BATCH PLANT AT 1 LB. PER CU. YD. OF CONCRETE.

CONCRETE PAVEMENT

SCALE: 1" = 1'-0"

2 C6.1



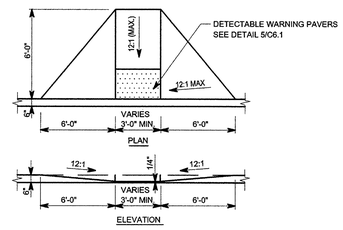
NOTES:

1. CONTROL JOINTS, EXPANSION JOINTS AND EDGES OF SIDEWALK SHALL BE HAND-TOOLED AFTER EACH FINISHING OPERATION.
2. PROVIDE EXPANSION JOINT AT INTERSECTION WITH ANOTHER SIDEWALK, BETWEEN WALKS AND BUILDINGS AND AT SUCH OTHER POINTS AS INDICATED ON THE DRAWINGS.
3. SIDEWALK SHALL HAVE 1/2" EXP. JTS. @ 48' MAX. & CONTROL JOINTS @ 6' MAX.

CONCRETE SIDEWALK WITH FIBER

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

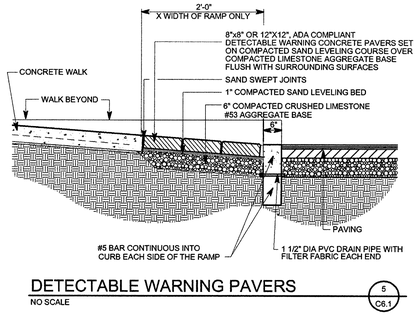
3 C6.1



HANDICAP RAMP TYPE "A"

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

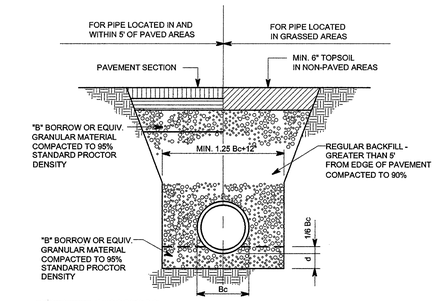
4 C6.1



DETECTABLE WARNING PAVERS

NO SCALE

5 C6.1



DEPTH OF BEDDING MATERIAL BELOW PIPE	
D	(d) MIN.
27" & SMALLER	3"
30" TO 60"	4"
66" & LARGER	6"

NOTES:

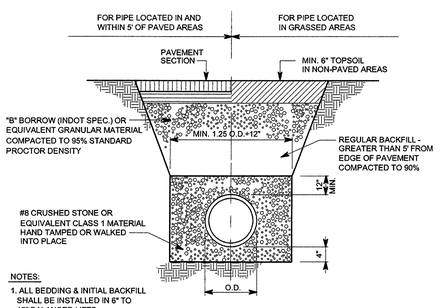
1. ALL BEDDING & INITIAL BACKFILL SHALL BE INSTALLED IN 6" TO 12" BALANCED LIFTS.
2. A MIN. 9" CLEARANCE SHALL BE PROVIDED ON EACH SIDE OF THE INSTALLED PIPE.

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

R.C. PIPE TRENCH DETAIL

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

17 C6.1



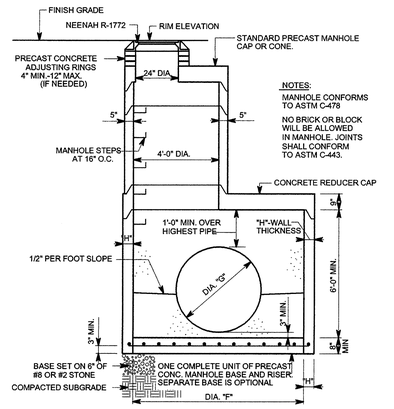
NOTES:

1. ALL BEDDING & INITIAL BACKFILL SHALL BE INSTALLED IN 6" TO 12" BALANCED LIFTS.
2. A MIN. 9" CLEARANCE SHALL BE PROVIDED ON EACH SIDE OF THE INSTALLED PIPE.

STORM SEWER PVC TRENCH DETAIL

SCALE: NTS

18 C6.1



NOTES:
MANHOLE CONFORMS TO ASTM C-478

NO BRICK OR BLOCK WILL BE ALLOWED IN MANHOLE JOINTS SHALL CONFORM TO ASTM C-443.

MANHOLE PIPE		"H"-WALL	PIPE TURNS
DIA. "F"	DIA. "D"	THICKNESS	
96"	48"	9"	GREATER THAN 45° TO 90°
96"	54"-66"	9"	UP TO 60°
84"	42"	9"	GREATER THAN 45° TO 90°
84"	48"	9"	TURNS UP TO 45°
72"	42"-48"	7"	UP TO 45 °
60"	33"-36"	6"	STRAIGHT THRU
60"	24"-33"	6"	GREATER THAN 45° TO 90°

STORM MANHOLE DETAIL

SCALE: NTS

14 C6.1

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
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PROJECT 06-612
DATE 03/16/07
COORDINATED BY GDI
DRAWN BY JCT
CHECKED BY MNO

MARK N. OBERHOLTZ REGISTERED No. 890209 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR

DRAWING
CIVIL
SITE DETAILS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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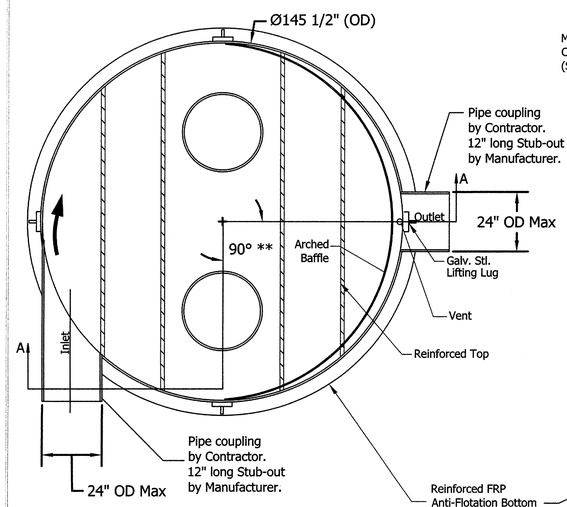
SHEET
C6.1

STANDARD NOTE:

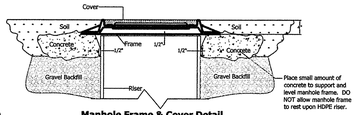
1. System designed, fabricated, tested, inspected, and marked in accordance with A.S.T.M. D-3753 fiberglass specifications.
2. System to be installed by inserting into wet concrete.

*** Please see accompanied Aqua-Swirl specification notes.**
*** See Site Plan for actual system orientation.**
**** Orientation may vary from 90°, 180°, or custom angles to meet site conditions.**

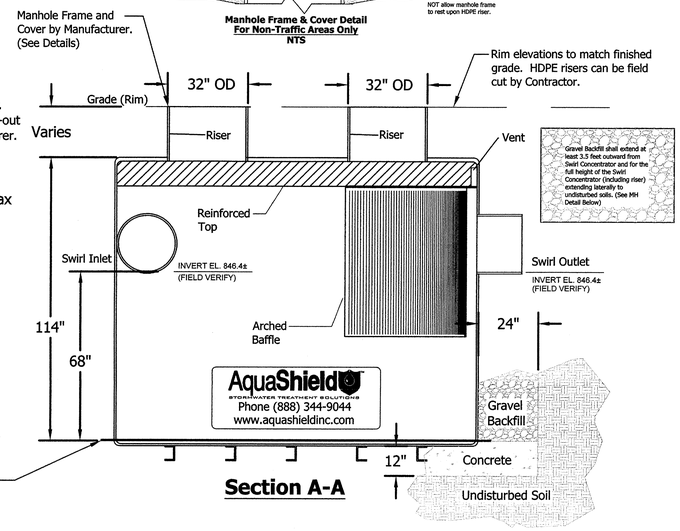


Plan View

Bollards shall be placed around access riser(s) in non-traffic areas to prevent inadvertent loading by maintenance vehicles.



Manhole Frame & Cover Detail
For Non-Traffic Areas Only
NTS



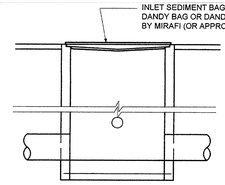
Section A-A

Document:	AS-12 STD
Drawn By:	JTD
Scale:	1:30
Date:	02/02/07

AquaShield STORMWATER TREATMENT SOLUTIONS
2733 Kanasita Drive, Suite B, Chattanooga, TN 37343
Phone (888) 344-9044 Fax (423) 826-2112
www.aquashieldinc.com

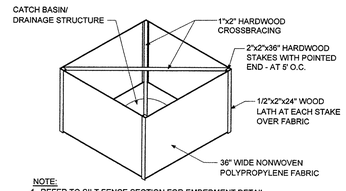
U.S. Patent No. 6524473 and other Patent Pending

Aqua-Swirl Concentrator Model AS-12 Off-Line Standard Detail



MAINTENANCE:
1. INSPECT WEEKLY AND AFTER EACH STORM EVENT.
2. IF FABRIC IS TORN OR DETERIORATED, REPLACE IMMEDIATELY.
3. REMOVE SEDIMENT ON A REGULAR SCHEDULE
4. AFTER DRAINAGE AREA IS STABILIZED, REMOVE SEDIMENT BAG

INLET SEDIMENT BAG DETAIL
NO SCALE — 1 / C6.2

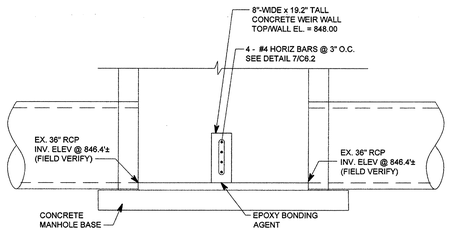


NOTE:
1. REFER TO SILT FENCE SECTION FOR EMBEDMENT DETAIL
2. ALTERNATE OF FABRIC ON CIRCULAR WELDED WIRE FABRIC FRAME IS ACCEPTABLE.

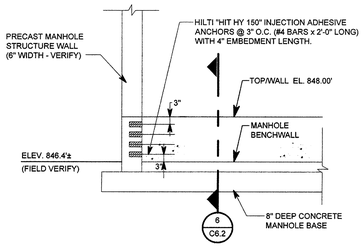
MAINTENANCE:
1. INSPECT WEEKLY AND AFTER EACH STORM EVENT.
2. IF FABRIC IS TORN OR DETERIORATED, REPLACE SECTION IMMEDIATELY.
3. REMOVE SEDIMENT WHEN HEIGHT REACHES 1/3 OF THE HEIGHT OF THE FENCE OR IS CAUSING FABRIC TO BULGE.
4. TAKE CARE NOT TO UNDERMINE THE ENTRENCHED FABRIC.
5. AFTER DRAINAGE AREA IS STABILIZED, REMOVE FENCE AND SEDIMENT, BRINGING DISTURBED AREA TO GRADE AND STABILIZE IT.

SILT FENCE INLET PROTECTION DETAIL
NO SCALE — 2 / C6.2

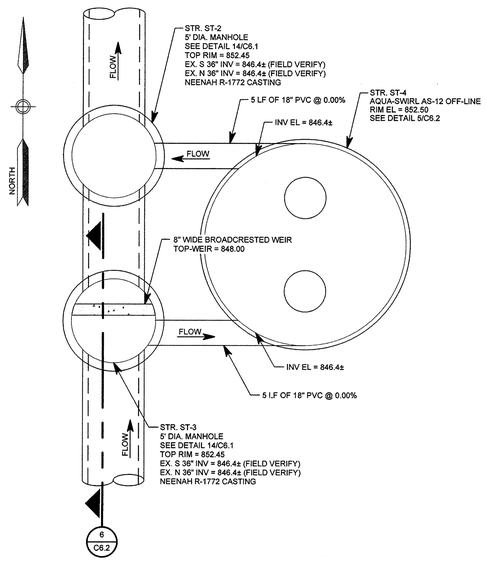
AQUA-SWIRL AS -12 OFF-LINE
5 / C6.2



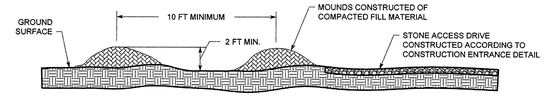
WEIR WALL SECTION
NO SCALE — 6 / C6.2



WEIR WALL CONNECTION DETAIL
NO SCALE — 7 / C6.2



BMP / MANHOLE PLAN
SCALE: 1/4"=1'-0" — 8 / C6.2

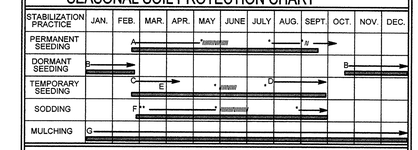


NOTES:
1. PLACE IN CONSPICUOUS LOCATIONS WHERE CONCENTRATED SURFACE DRAINAGE IS NOT LIKELY TO CONTACT THE WASHOUT AREA
2. CONSTRUCT A CONTINUOUS MOUND NECESSARY TO ENVELOP THE WASHOUT AREA
3. INCLUDE A SIGN INDICATING THAT THE AREA IS FOR WASHOUT OF CONCRETE TRUCKS AND PUMPS AND HAND TOOLS
4. PLACE SIGNS AT THE SITE CONSRUCTION ENTRANCES INDICATING WHERE THE CONCRETE WASHOUT AREAS ARE LOCATED
5. INSTALL A SUFFICIENT NUMBER OF WASHOUT AREAS PRIOR TO ANY CONSTRUCTION WORK REQUIRING DELIVERY OF CONCRETE

MAINTENANCE:
1. WASHOUT AREAS REQUIRE PERIODIC INSPECTION AND REPAIR
2. REPAIR THE STONE ENTRANCE ACCORDING TO MAINTENANCE EFFORTS DESCRIBED FOR A CONSTRUCTION ENTRANCE
3. REMOVE DRIED CONCRETE WASTE WHEN THE WASHOUT AREA IS 1/2 FULL. TREAT DRIED CONCRETE AS SOLID WASTE ACCORDING TO SOLID WASTE DISPOSALS GUIDLINES
4. AFTER COMPLETION OF CONCRETE OPERATIONS REMOVE THE WASHOUT AREA ENTIRELY AND DISPOSE OF WASTE. REGRADE THE AREA AND PROVIDE SOIL STABILIZATION

CONCRETE WASHOUT AREA
SCALE: NTS — 3 / C6.2

SEASONAL SOIL PROTECTION CHART



A = KENTUCKY BLUEGRASS 100 LBS/ACRE; CREEPING RED FESCUE 100 LBS/ACRE; PLUS 2 TONS STRAW MULCH/ACRE, OR ADD ANNUAL RYE GRASS 20 LBS/ACRE FERTILIZE AS RECOMMENDED BY SOIL TEST. IF TESTING IS NOT DONE, APPLY 400-600 LBS./ACRE OF 12-12-12 ANALYSIS, OR EQUIVALENT, FERTILIZER.

B = KENTUCKY BLUEGRASS 120 LBS/ACRE; CREEPING RED FESCUE 120 LBS/ACRE; PLUS 2 TONS STRAW MULCH/ACRE, OR ADD ANNUAL RYE GRASS 30 LBS/ACRE FERTILIZE AS RECOMMENDED BY SOIL TEST. IF TESTING IS NOT DONE, APPLY 400-600 LBS./ACRE OF 12-12-12 ANALYSIS, OR EQUIVALENT, FERTILIZER.

C = SPRING OATS 3 BUSHELS/ACRE
FERTILIZE AS RECOMMENDED BY SOIL TEST. IF TESTING IS NOT DONE, APPLY 400-600 LBS./ACRE OF 12-12-12 ANALYSIS, OR EQUIVALENT, FERTILIZER.

D = WHEAT OR RYE 2 BUSHELS/ACRE
FERTILIZE AS RECOMMENDED BY SOIL TEST. IF TESTING IS NOT DONE, APPLY 400-600 LBS./ACRE OF 12-12-12 ANALYSIS, OR EQUIVALENT, FERTILIZER.

E = ANNUAL RYE GRASS 40 LBS/ACRE (1 LB/1000 SQ. FT.)
FERTILIZE AS RECOMMENDED BY SOIL TEST. IF TESTING IS NOT DONE, APPLY 400-600 LBS./ACRE OF 12-12-12 ANALYSIS, OR EQUIVALENT, FERTILIZER.

F = SOD

G = STRAW MULCH 2 TONS/ACRE

* /// * = IRRIGATION NEEDED DURING JUNE, JULY, AUGUST AND/OR SEPTEMBER

** = IRRIGATION NEEDED FOR 2 WEEKS AFTER SUPPLYING SOD

TEMPORARY SEEDING CHART
NO SCALE — 4 / C6.2

GIBRALTAR DESIGN
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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612
DATE 03/16/07
COORDINATED BY GDI
DRAWN BY JCT
CHECKED BY MNO

MARK N. OGBOREL — REGISTERED — No. 890209 — STATE OF INDIANA — PROFESSIONAL ENGINEER

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DRAWING
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SITE DETAILS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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SHEET
C6.2

TYPICAL WATERMAIN DETAILS AND SPECIFICATIONS

I. SCOPE OF WORK:

1. This section includes all cold water distribution lines, valves, meter pits, fire hydrants and related appurtenances including excavating and backfilling necessary to complete the work as shown on the construction drawings.

II. APPLICATION:

1. The contractor's work shall conform to the construction drawings and specifications and shall comply with all current City of Lawrence (City) applicable ordinances, regulations and standards. The contractor shall also be responsible for the application and acquisition of all bonds and permits required to complete the work.

2. All water mains shall be 6" minimum diameter, except on cul-de-sac bulbs serving five lots or less, 3" diameter water main shall be used.

3. The ends of water mains shall be plugged or capped at the terminal points with manufacturer's recommended watertight device.

III. WORKMANSHIP:

1. Trenching: Lay all pipe in open trenches, except when otherwise designated on the plans for pushing or tunneling. Bell ends to face in the direction of laying.

2. Width of Trench: Excavate trenches sufficient width for proper installation of pipe per manufacturer's recommendation.

3. Sheeting and bracing: Sheet and brace trenches as necessary to protect workmen and adjacent structures. All trenching shall comply with the Occupational Safety and Health Administration Standards.

4. Water Removal: Keep trenches free from water during construction. Under no circumstances shall pipe or appurtenances be laid in standing water. Convey the discharge from trench dewatering to drains or natural drainage channels.

5. Grading Trench Bottoms:
a. For Ductile iron pipe, the bottom quadrant of the pipe shall be fully and uniformly supported. Dig out for pipe bell joints. The full load shall rest on the barrel of the pipe. The trench may be excavated below final pipe grade and backfilled with sand, crushed stone or gravel backfill to bring it back to pipe laying grade.
b. For PVC pipe 3 inch or larger, excavate bottom of trench to a depth at least 4 inches below grade, and backfill with #8 or #9 crushed stone at least to the spring line of the pipe. Backfill material shall be "heeled in" around the haunches of the pipes. Care shall be taken to prevent rocks and frozen clods of dirt from falling on the pipe.

6. Weather Limitations: No PVC water main or appurtenances shall be laid when ambient air temperature is below 32 degrees F. Furthermore, construction operations shall be suspended if ambient air temperature falls below 32 degrees F.

7. The manufacture's maximum allowable pipe deflection can be used to maintain the vertical and horizontal route unless other fittings (i.e. tees and elbows) or other methods are specifically called out on the plans.

8. Concrete thrust blocks or other mechanical restraining devices shall be used at all tees, bends, fire hydrants and plugs.

9. All Water mains shall maintain a minimum cover of 48"or 54".

10. All fire hydrants shall be situated so that the break away flange is located between 2" and 4" above proposed finish grade. The hydrant shall be clearly indicated out of service by use of manufactured "Out of Service" signs or other means as approved by the company until hydrant is put in service.

11. Permanent flush pits shall be located between the curb and sidewalk or centered 2½ feet behind the curb.

12. Chlorination/sample taps shall be located on the service side of the water main within 10 feet of the control valve.

13. Temporary chlorination/sample taps shall be completely removed and holes plugged after bacteriological tests are approved. Temporary taps shall be removed prior to final acceptance by the City of Lawrence Board of Public Works and Safety.

14. Saw cut or imprint "A " in concrete curb opposite all water valves.

15. All water mains shall be located a minimum 7 feet behind back of curb and a maximum of 10 feet behind back of curb.

16. New Water Main Construction: The Contractor shall record the dimension of each water stub and valve from nearest fire hydrant measured along the water main. The locations of hydrants and water valves, along with any other construction changes are to be incorporated on "markup" original construction drawings and submitted to the City Engineer's Office as soon after completion of construction as possible, and prior to testing and acceptance by the City of Lawrence.

17. All PVC water mains will have 10 gauge insulated stranded locator wire attached to the pipe every 10 feet with nylon wire ties or duct tape. Wire will be brought up the outside of all valve boxes and wrapped around all temporary flush hydrants.

IV. BACKFILL REQUIREMENTS:

1. Except as specified in Section III-5, all trenches shall be backfilled with earth or granular material free from large stones, roots, or frozen clods to a depth of at least 12 inches above the top of the pipe. Trenches across all paved areas (including sidewalks) shall be backfilled with full depth granular material conforming to City of Lawrence Street Standard Details 92-01 and 92-02 extending five feet beyond the back of curbs with a 1:1 slope from bottom of curb to bottom of trench. Trenches parallel to and within 5 feet of paved roadways shall be backfilled in the same manner.

V. MATERIALS:

1. 6" or larger water mains shall be ductile iron (D.I.) pipe conforming to AWWA Standard C-151 or PVC pipe conforming to AWWA Standard C900 or C905 as directed on the plans.

2. Ductile Iron Pipe:
a. Ductile iron pipe shall be centrifugally cast and shall conform to the latest revision of ANSI Specification A21.51 and AWWA C151. Ductile iron pipe with push-on or mechanical joints, 6-inch to 12-inch diameter shall be pressure Class 350 or Class 50 and 16 inch or larger diameter shall be pressure Class 250 or Class 50. The pipe shall be provided with a minimum laying length of 18 feet.
b. Ductile iron fitting, 6 inches through 48 inches, shall conform to the latest revision of ANSI Specification A21.10 and AWWA Standard C110. Ductile iron compact fittings, 6 inches through 24 inches shall conform to the latest revision of ANSI Specification A-21.53 and AWWA Standard C153. All fittings shall be mechanical joint type.
c. Mechanical joints and accessories shall conform to the latest revision of ANSI Specification A21.10 and AWWA Standard C110. Push-on joints shall conform to the latest revision of ANSI Specification A21.11 and Standard AWWA C111. Rubber gaskets shall be vulcanized synthetic rubber and shall conform to the latest revision of ANSI Specifications A21.11 and AWWA Standard C111.
d. River Crossing pipe shall be ductile iron manufactured in accordance with the requirements of ANSI/AWWA Standard C151/A21.51. Push-on joints for such pipe shall meet the requirement of ANSI/AWWA Standard C111/A21.11, allowing deflection of up to 15 Degrees, and be equal to Griffin SNAP-LOK. Pipe thickness shall be equal to manufacture's standard. Pipe shall have cement mortar lining and seal coating, where applicable, in accordance with ANSI/AWWA Standard C104/A21.4. River Crossing Pipe shall be assembled and hydrostatically tested prior to shipment.

3. 6" thru 12" AWWA C-900 PVC Water Pipe:
a. Materials: Pipe shall be made from Class 12454-A or Class 12454-B virgin compounds as defined in ASTM D-1784, with an established hydrostatic-design-basis rating of 4,000 PSI for water at 73.4 degrees F.
b. Pipe and Gasket: Pipe shall have a cast iron outside diameter and shall be suitable for use as a pressure conduit. All Class 150 pipe shall meet the requirements of DR-18. Provisions must be made for expansion and contraction at each joint with an elastomeric sealing ring. Laying length shall be 20 ± 1 inch for all sizes except that up to 10% of the footage may be in random lengths of not less than 10 feet. The pipe shall have an integral bell, and the gasket seal shall be reinforced with a steel band or other rigid material. The joint shall be in compliance with the requirements for ASTM D-3139.
c. Marking: Pipe shall be marked as prescribed by AWWA standard C900; i.e., nominal pipe size, dimension ration (DR), AWWA pressure class, manufacturer's name and code, and seal of testing agency that verified the suitability of the pipe material for potable water service.
d. Test Requirements: Each length of pipe (standard and random), including the integral bell, shall be pressure tested to four times the rated pressure for a minimum of five seconds. Pipe shall meet all additional test requirements as described in AWWA C900.
e. Approvals: Pipe shall be listed by Underwriters Laboratories and approved by Factory Mutual.

4. 16" thru 24" AWWA C905 PVC Water Pipe:
a. Materials: Pipe shall be made from Class 12454-A or Class 12454-B virgin compounds as defined in ASTM D-1784 with an established hydrostatic-design-basis rating of 4,000 psi for water at 73.4 degrees F.
b. Pipe: Pipe shall have a cast iron outside diameter and shall be suitable for use as a pressure conduit. Pipe shall be pressure rated 165 psi for DR-25. The bell shall consist of an integral thickened wall section with an elastomeric ring that meets the requirement of ASTM F-477. The gasket shall be reinforced with a steel band or other rigid material. The wall thickness of the bell shall conform to ASTM D-3139. Laying lengths shall be 20 feet ± 1 inch for all sizes except that up to 10% of the footage may be furnished in random lengths of not less than 10 feet.
c. Marking: Pipe must be marked as prescribed by AWWA Standard C905, i.e., nominal size and OD base (for example, 24" cast iron), PVC, dimension ratio (for example, DR-25), AWWA pressure rating (for example, PR 165). AWWA C905, manufacturer's names, and manufacturer's production code including day, month, year shipped, plant, and extruder of manufacture.
d. Test Requirements: Each standard and random length of pipe shall be tested (including joint) at twice the pressure rating of the pipe. The test shall be for a minimum dwell of five seconds. Hydrostatic pressures are listed below:

DR	PRESSURE RATING (psi)	HYDROSTATIC PROOF (psi)
25	165	330
18	235	470

e. Approvals: Pipe shall be listed by Underwriters Laboratories and approved by Factory Mutual.

5. 2" or 3" Polyvinyl Chloride (PVC) Pipe:
a. PVC pipe shall conform to the latest revision of ANSI/AWWA (ASTM Specification D1784 and ASTM Specification D-2241).
b. The appropriate ASTM cell classification shall be either 12454-A or 12454-B.
c. PVC pipe shall be furnished in standard laying lengths of 20 feet and shall have a minimum pressure class of Class 200 (SDR21).
d. PVC pipe and couplings shall bear certification marking which shall conform to the latest revision of Section 2.6 of AWWA C900. In addition, the plain end of each pipe length shall have one ring, painted around the pipe at the proper location to allow field checking of the correct setting depth of the pipe in the bell or coupling.
e. PVC pipe with bell and joints or coupling push-on joints shall conform to the latest revision of ASTM specifications D-3139. No solvent cement joint pipe shall be allowed.
f. Gasket material will be constructed to meet the requirements of ASTM F-477. The lubricant shall have no deteriorating effects on the gasket or pipe. The lubricant containers shall be labeled with manufacturer's name.

6. Copper Tubing:
Copper tubing shall be seamless, annealed copper tubing complying with Federal Specification WW-T-799 ("K" soft copper). Fittings shall be wrought copper or cast bronze with Compression Joints.

7. Fire Hydrants:
a. The Contractor shall furnish and install all fire hydrants at substantially the locations as shown on the drawings and details. Hydrants shall be of standard manufacture, of the non-freezing type having a full flow valve and of a type that may be easily lengthened by adding extension sections. ~~Each hydrant shall be fitted with one pumper (5¼") and two hose (2½") nozzles.~~ The nozzles shall have National Standard Thread unless otherwise required to conform to thread size in use on the existing hydrants with a valve opening of not less than 5" and a 6" inlet connection. The direction of the hydrants main valve opening shall be LEFT (counter clockwise). ⚠
b. Hydrant barrels shall be constructed in such a manner that it is not necessary to cut off the water or to excavate to make repairs. The barrel of the hydrant shall be constructed in sections that are to be joined in such a manner that the upper section of the barrel extending above the ground may be separated from the lower section by impact without injury to the stem of the barrel.
c. The main valve construction at the bottom of the hydrant shall be such as to permit the water to drain from the hydrant barrel when the main valve is closed. The main valve stem seats and packing glands are to be of bronze or approved rust-resisting metal and to be constructed in such a manner as to be easily replaced without excavating.
d. Hydrants shall be Kennedy Guardian K-81, Mueller A423 or American Darling B62 ~~(5¼" - 2½" - 2½" nozzles)~~ with 4½ foot bury depth.
e. Hydrants shall conform to AWWA Standard C-502.
f. Hydrants shall be painted SHERWIN WILLIAMS Safety Yellow Paint Number B54Y37, or approved equal.

8. Valves:
All valves and stops shall have ends suited or adapters shall be provided for the proper installation in the lines in which they are located. Valves shall meet the following requirements:

a. Valves in Ductile Iron Pipe or PVC Pipe (6" - 12") shall be iron body, bronze mounted, resilient seated gate valves conforming to AWWA Standard C-509. They shall open LEFT (counter clockwise). Valve shall have mechanical joint ends and valve stems shall terminate in 2" wrench nuts. Butterfly valves shall be used for 18" or larger mains conforming to AWWA Standard C504. Butterfly valves shall be bronze body mounted, resilient seated with a 2" square nut operator, open LEFT (counter clockwise) Mueller B-3211-20 or approved equal.
b. Ball valves in 2" or 3" PVC shall be standard brass body ball type, round orifice and conforming to AWWA Standard C-800, with T-heads fitted with female threads.
c. Corporation stops shall be as manufactured by FORD F-1000 or Mueller B-25008 or approved equal having AWWA taper threaded inlet and copper compression outlet.
d. Curb stops shall be as manufactured by Ford B44-333 or Mueller B-25209 having compression copper fittings on both ends.
e. Curb stops shall be a ?" brass locking device Mueller H-14338 or approved equal.
f. Locks, when required for valve box lids or curb stops shall be American Lock Company USA Hardened Series 5200 with 1 1/8 inch shackle and key #43433. No substitutes permitted.

9. Valve boxes shall comply with the following requirements:
a. For normal installations, valve box shall be 8-inch diameter schedule 40 pipe extended to grade and utilizing a Top Hat Box, Clay & Bailey CB-2194 or approved equal.
b. For curb stops, valve boxes shall be Tyler 94E series or approved equal.
c. For deep installations, 5" ductile iron or schedule 40 pipe may be used to extend valve box to grade utilizing a Top Hat Box, Clay & Bailey CB-2194 or approved equal. Deep valve boxes shall use a centering ring and stem extender device to bring valve nut to within 4½ feet below grade. Stem extender shall be bolted onto operating nut.

10. Water Meter Pit shall be 18" to 48" diameter(as noted on the plans) x 48" long, Midstate Polyethylene meter pit, Sonaloc PVC or approved equal.

11. Water Meter Pit Lid shall be an 18" or 24" Tyler 6150, Ford C-32, Mueller H 108x10 with a small operating nut (Standard Water Works Pentagon) or approved equal.

12. Mechanical restraining devices for either PVC or Ductile iron may be used in lieu of concrete thrust blocks, and when used shall comply with manufacturers recommended installation procedure. Such devices shall consist of any one of the following.
a. Megalug with rods*
b. Retainer gland**
c. Anchor coupling
d. Grip ring
e. Standard rod procedure (5/8" threaded rod anchor eye bolt, Duc-lug, etc).

*As manufactured for type of pipe material used.
**NOT TO BE USED ON PVC PIPE.

13. Ductile Iron Water Main corporation stop plug shall be brass, Mueller H10033 or approved equal. When tapping PVC a saddle must be used.

14. Temporary and permanent flush pits shall be the Model TF250 2" Blowoff/Flushing hydrant, as manufactured by the Kupferle Foundry Company, St. Louis, Mo., and be located in a standard 18" meter pit with lid. The discharge line shall not include the 45 Degree Bend, but shall otherwise conform to the detail included herein.

VI. DISPOSITION OF UTILITIES:

1. Rules and regulations governing the respective utilities shall be observed in executing all work under this section.

2. It shall be the responsibility of each contractor to verify all existing utilities and conditions pertaining to his phase of the work. It shall also be the contractor's responsibility to contact the owners of the various utilities before work is started. The contractor shall notify in writing the owners and the design engineer of any changes, errors or omissions found on the plans or in the field before work is started or resumes.

3. Where active utilities are encountered, but not shown on the drawings, the Design Engineer and City Engineer shall be advised before work is continued. If in conflict, the City Engineer in consultation with the respective utility shall jointly determine a plan of action. The location of such active utilities shall be recorded on the construction record drawings.

4. Existing Improvements: The contractor must maintain in operating condition, all active utilities, sewers and other pipe or cable systems that may be encountered.

5. Inactive and abandoned utilities encountered in excavating and grading operations shall be reported to the Design Engineer and the City Engineer. They shall be removed, plugged or capped as directed by the City Engineer and recorded on the construction record drawings.

VII. PROTECTION OF TREES:

1. General Protection: The Contractor shall be responsible for the protection of tops, trunks and roots of existing trees on the project site that are to remain. Existing trees subject to construction damage shall be boxed, fenced or otherwise protected before any work is started. Excavated materials shall not be piled within drip line of trees to be saved. Remove interfering branches by cutting without injuring trunks and cover scars with tree wound dressing.

VIII. BENCHMARKS, SURVEY MONUMENTS AND CONSTRUCTION STAKES:

1. Contractors shall be responsible for maintaining all benchmarks, survey monuments, construction stakes and other reference points within the construction limits of his particular contract. If disturbed or destroyed, the contractor shall be responsible for their replacement by the Design Engineer/Production Staking Engineer.

IX. TESTING:

1. The City, or its agent, will charge, flush, test, chlorinate, and sample all new water mains. The time and materials for the above plus laboratory testing are to be charged to the contractor. The contractor shall pay a $250 fee for each hydrostatic failure retest by the City, and pay any fees charged for water usage for excessive water flushing operations.

2. After City, or its agent, has charged the system, contractor shall hydrostatic test the entire system within 3 working days under the direct supervision of an authorized inspector. If test results are satisfactory, the Inspector shall certify the test results.

3. If hydrostatic test fail to pass, contractor shall make all necessary repairs within 3 working days.

4. No water tap permits are to be issued for taps onto the new system until both water and sanitary lines have been tested and accepted by the City of Lawrence, Board of Public Works and Safety.

5. Authorized personnel only are allowed to open or close valves, hydrants and flushing mechanisms.

X. Lawrence Utilities, LLC, and its employees, are the sole agent authorized to act on behalf of the City of Lawrence in operations and maintenance matters pertaining to the City of Lawrence Water System.

TYPICAL SANITARY SEWER SPECIFICATIONS

1. Current Lawrence Utilities, County and State specifications shall prevail as to materials and methods of construction.

2. Contractor shall notify the Lawrence Utilities Operations Office a minimum of 48 hours prior to commencement of sanitary sewer construction. Any sanitary sewer placed without said notification may be subject to removal and reconstruction if deemed appropriate by the City of Lawrence.

3. No sanitary sewer construction shall begin until written approval of construction plans is received from the Lawrence Utilities, LLC Office.

4. Sanitary sewer material and installation shall be in direct accordance with the Indiana State Board of Health requirements and the Lawrence Utilities Standards for the design and construction of sanitary sewers, as dated on July 25, 1990 or as periodically updated.

5. Sanitary sewers shown on the construction plans may be Poly-Vinyl Chloride Pipe in accordance with A.S.T.M. 3034 (With Cell Classification of 12454-B or 12454-C) for diameters 15" or less; and A.S.T.M. F-679 (With Cell Classification of 12454-C) for pipe diameters greater than 15".

6. Sanitary manholes shall be precast concrete in accordance with A.S.T.M C-478, including concrete adjusting rings. 'Infra-Riser' brand adjusting rings may be used with the approval of Lawrence Utilities, LLC.

7. All fittings and joints shall be compression type flexible gasketed joints and manufactured and installed in accordance with the pipe manufacturer's specifications.

8. Plastic sanitary sewers shall be marked as required by Lawrence Utilities specifications for easy identification.

9. Water and sewer line crossings and separations shall be in accordance with Ten States Standards and Lawrence Utilities Specifications.

a. Where water lines and sewer lines cross and the water line cannot be placed above the sewer line a minimum of 18" with a minimum cover of 48", the sewer line shall be constructed of waterworks grade pipe, either cast iron or PVC.

b. Where water lines and sanitary lines run parallel with one another, a minimum of 10' horizontal separation shall be maintained.

10. Buildings shall be serviced by a 6" diameter (minimum) sanitary sewer lateral, 4.5' to 6.5' deep. The sewer lateral's termination shall be indicated on the surface with a post set immediately above said termination point. The ends shall be plugged and sealed with a watertight plastic plug or cap. Wyes are to be tilted up to 45 degrees from the horizontal, with suitable fittings for all changes in direction and to be identified with locator tape.

11. Manufactured wyes or tees shall be used for lateral connections on new main.

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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612
DATE 03/16/07
COORDINATED BY GDI
DRAWN BY JCT
CHECKED BY MNO

MARK N. OBERGFELL REGISTERED No. 890209 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR

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LAWRENCE UTILITIES, LLC
STANDARD SPECIFICATIONS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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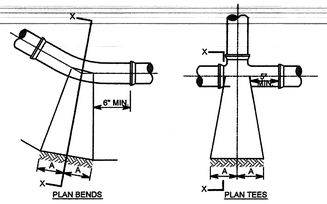
SHEET
C6.3

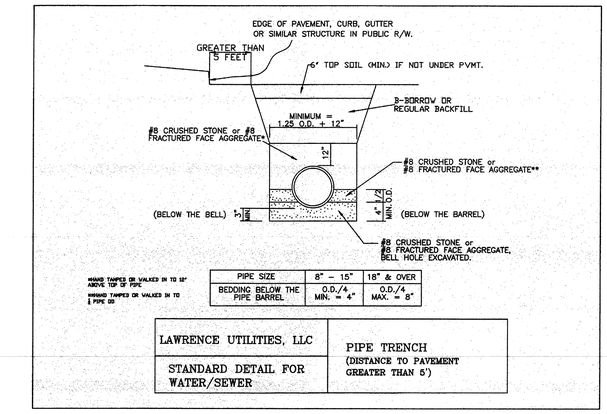


TYPE	SIZE	1/4 BENDS		1/8 BENDS		1/16 BENDS		TEES		PLUGS	
		A	B	A	B	A	B	A	B	A	B
TYPE I	6"	8'	10"	6'	0"	3'	8"	8'	8"	10"	18"
4000 PSF SOIL	8"	12"	12"	8'	10"	5'	9"	8'	12"	15"	20"
TYPE II	6"	16"	10"	9'	10"	6'	8"	10"	12"	10"	26"
2000 PSF SOIL	8"	22"	13"	12"	13"	8'	10"	13"	16"	12"	29"

NOTE:
BASED ON 100 PSI STATIC PLUS A W W A WATER HAMMER
CONCRETE TO BE CAST AGAINST UNDISTURBED BEARING SURFACE.

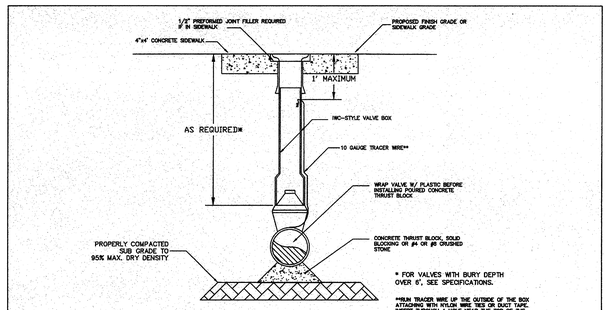
STANDARD THRUST BLOCKS FOR WATER MAINS (6 / C6.4)

NO SCALE

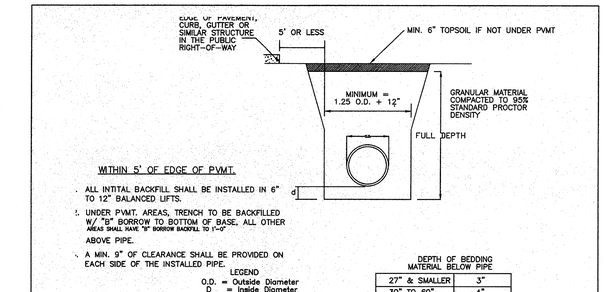


PIPE SIZE	8" – 15"	18" & OVER
BEDDING BELOW THE PIPE BARREL	O.D./4 MIN. = 4"	O.D./4 MAX. = 8"

LAWRENCE UTILITIES, LLC	PIPE TRENCH (DISTANCE TO PAVEMENT GREATER THAN 5')
STANDARD DETAIL FOR WATER/SEWER	

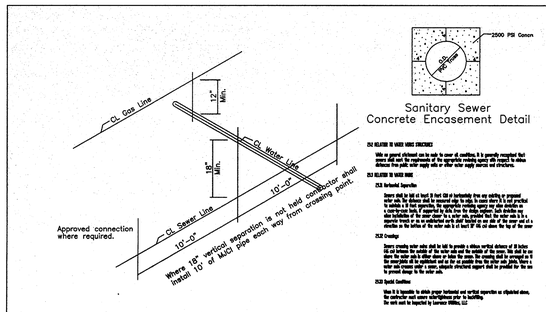


LAWRENCE UTILITIES, LLC	VALVE INSTALLATION
STANDARD DETAIL FOR WATER	

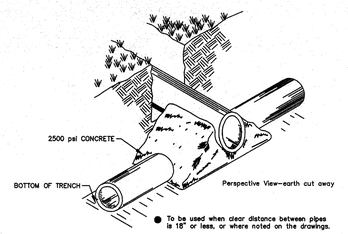


DEPTH OF BEDDING MATERIAL BELOW PIPE	
27" & SMALLER	3"
30" TO 60"	4"
66" & LARGER	6"

LAWRENCE UTILITIES, LLC	PIPE TRENCH (LOCATED WITHIN 5' OF PAVEMENT)
STANDARD DETAIL FOR WATER/SEWER	



LAWRENCE UTILITIES, LLC	PIPE CROSSING
STANDARD DETAIL FOR WATER/SEWER	



NOTE: ALL PIPE SURFACES THAT WILL COME INTO CONTACT WITH CONCRETE SHALL BE WRAPPED WITH PLASTIC BEFORE PLACING CONCRETE.

LAWRENCE UTILITIES, LLC	CONCRETE CRADEL
STANDARD DETAIL FOR SEWER	

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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

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PROJECT 06–612
DATE 03/16/07
COORDINATED BY GDI
DRAWN BY JCT
CHECKED BY MNO

REGISTERED ARCHITECT No. 890209 STATE OF INDIANA PROFESSIONAL ENGINEER

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MARK	DATE	ISSUED FOR

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STANDARD DETAILS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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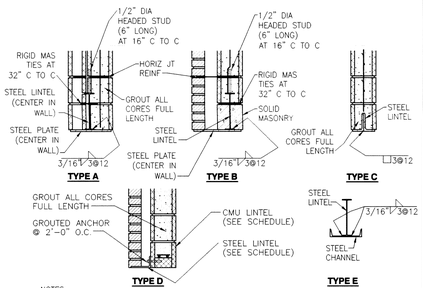
SHEET
C6.4

PANEL MARK	CMU THICKNESS (BACK-UP)	VERTICAL REINFORCING SIZE	VERTICAL REINFORCING SPA	TOP OF BOND BEAM ELEVATIONS	REMARKS	DETAIL
PANEL 1	12"	#7	16"	116'– 0", 133'–4"	INSP	2/AE403
PANEL 1A	12"	#5	32"	116'– 0", 133'–4"	INSP	
PANEL 2	12" + 8"	#6	40"	116'– 0", 130'–0", 144'–0"	INSP	4/AE306
PANEL 3	8"	#5	48"	112'–0"	INSP	1/AE306
PANEL 4	12"	2–#6	32"	116'– 0", 130'–0", 144'–0"	INSP	2/AE304
PANEL 4A	12"	2–#6	32"	116'– 0", 130'–0", 144'–0"	INSP	3/AE304
PANEL 5	8"	#5	48"	110'–8"	INSP	--
PANEL 6	8"	#5	48"	110'–8"	INSP	--
PANEL 7	8"	#5	48"	110'–8"	INSP	1/AE304
PANEL 8	8"	#5	48"	113'–4"	INSP	4/AE303
PANEL 9	8"	#5	48"	SLOPED, 126'–0"	INSP	3/AE404
PANEL 9A	12"	#5	48"	116'– 0", 130'–0", 144'–0"	INSP	2/AE305; 3/AE305
PANEL 10	8"	#5	48"	110'–0"	INSP	4/AE308
PANEL 11	8"	#5	48"	(SEE ARCH)	INSP	--
PANEL 12	10"	#5	48"	111'–4"	INSP	--
PANEL 12A	8"	#5	48"	111'–4"	INSP	--
PANEL 13	10"	#5	32"	110'–0"; 116'–0"	INSP	2/AE342
	12"	#5	32"	110'–0"; 116'–0"	INSP	1/AE343
PANEL 14	8"	#5	48"	117'–4"	INSP	5/AE309
PANEL 14A	8"	#5	48"	102'–8"	INSP	4/AE309
PANEL 15	10"	#5	40"	110'–0"; 116'–0"	INSP	1/AE341
PANEL 16	10"	#5	48"	112'–0"; 116'–0"	INSP	2/AE361
PANEL 17	8"	#5	48"	110'–0"	INSP	2/AE303
PANEL 18	12"	#5	32"	114'–8"	INSP	1/AE309
PANEL 19	8"	#5	48"	(2) 111'–4"	INSP	2/AE303

NOTE:
1. (INSP) = MASONRY INSPECTION REQUIRED (SEE SPECIFICATIONS.
2. FOR HORIZONTAL JOINT REINFORCING SIZE AND SPACING SEE SPECIFICATIONS.
3. REINFORCING SCHEDULED HERE IN APPLIES TO THAT PORTION OF THE WALL ABOVE THE FOUNDATION WALL. SEE FOUNDATION PLANS FOR FOUNDATION WALL REINFORCING.
4. ALL REINFORCED MASONRY WALLS TO HAVE BOND BEAM AT OR NEAR TOP OF WALL.
5. ALL EXTERIOR REINFORCED MASONRY PARAPET WALLS W/BOND BEAMS SHOWN AT TOP OR NOT MUST BE GROUTED SOLID DOWN TO NEXT BOND BEAM ELEVATION (SEE ARCH)

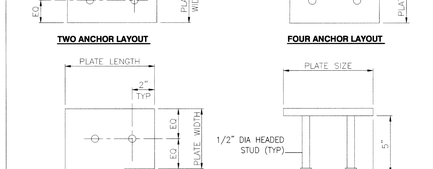
MASONRY WALL SCHEDULE



NOTES:
1. TYPE A AND B LINTELS SHALL BEAR ON TWO FULLY GROUTED CORES FULL HEIGHT. TYPE C LINTELS SHALL BEAR ON TWO FULLY GROUTED COURSES OR SOLID MASONRY.
2. ALL LINTELS AT EXTERIOR LOCATIONS OR OTHERWISE SUBJECT TO WEATHER OR CORROSIVE ATMOSPHERE SHALL BE GALVANIZED. SEE SPECIFICATIONS.
3. AT "TYPE A" AND "TYPE B" LINTELS, PLATE LENGTH TO BE MASONRY OPENING MINUS 1/4" EACH END (1/2" TOTAL).
4. BEARING PLATE REQUIRED AT END OF SPECIAL LINTEL UNLESS OTHERWISE NOTED

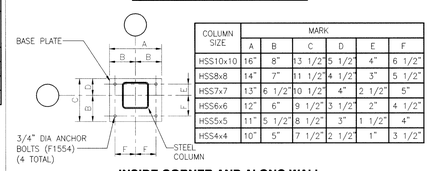
MARK	SIZE	CONTINUOUS PLATE TOP	CONTINUOUS PLATE BOTTOM	ELEVATION	TYPE
SL–1	W8x21	–	3/8"x18"	SEE ARCH	B, 3/AE309
SL–2	W8x15	–	3/8"x13"	SEE ARCH	B, 5/AE307
SL–3	W8x15	–	3/8"x13"	SEE ARCH	B
SL–4	W8x15	–	C8x11.5	SEE ARCH	E
SL–5	W14x30	–	3/8"x13"	SEE ARCH	B
SL–6	W16x67	–	3/8"x16"	SEE ARCH	A, 3/AE344
SL–7	W16x50	–	3/8"x16"	SEE ARCH	A, 3/AE344
SL–8	W8x15	–	3/8"x13"	SEE ARCH	B
SL–9	HL8	–	L6x4x3/8	SEE ARCH	D
SL–10	W18x106	–	3/8"x19"	SEE ARCH	B, 3/AE304
SL–11	W18x106	3/8"x19"	–	SEE ARCH	1/AE306
SL–12	W16x36	3/8"x19"	–	SEE ARCH	1/AE306
SL–13	W16x31	–	3/8"x11"	SEE ARCH	A, 1/AE305
SL–14	W16x31	–	3/8"x11"	SEE ARCH	A, 2/AE305

SPECIAL LINTEL SCHEDULE



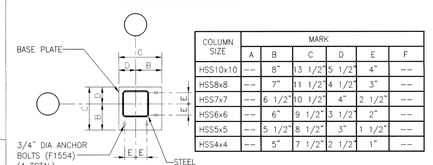
COLUMN SIZE	MARK A	B	C	D	E	F
HSS10x10	16"	8"	--	--	--	6 1/2"
HSS8x8	14"	7"	--	--	--	5 1/2"
HSS7x7	13"	6 1/2"	--	--	--	5"
HSS6x6	12"	6"	--	--	--	4 1/2"
HSS5x5	11"	5 1/2"	--	--	--	4"
HSS4x4	10"	5"	--	--	--	3 1/2"

ISOLATED PIER AND FOOTING



COLUMN SIZE	MARK A	B	C	D	E	F
HSS10x10	16"	8"	13 1/2"	5 1/2"	4"	6 1/2"
HSS8x8	14"	7"	11 1/2"	4 1/2"	3"	5 1/2"
HSS7x7	13"	6 1/2"	10 1/2"	4"	2 1/2"	5"
HSS6x6	12"	6"	9 1/2"	3 1/2"	2"	4 1/2"
HSS5x5	11"	5 1/2"	8 1/2"	3"	1 1/2"	4"
HSS4x4	10"	5"	7 1/2"	2 1/2"	1"	3 1/2"

INSIDE CORNER AND ALONG WALL



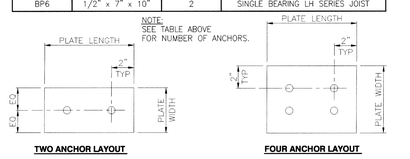
COLUMN SIZE	MARK A	B	C	D	E	F
HSS10x10	--	8"	13 1/2"	5 1/2"	4"	--
HSS8x8	--	7"	11 1/2"	4 1/2"	3"	--
HSS7x7	--	6 1/2"	10 1/2"	4"	2 1/2"	--
HSS6x6	--	6"	9 1/2"	3 1/2"	2"	--
HSS5x5	--	5 1/2"	8 1/2"	3"	1 1/2"	--
HSS4x4	--	5"	7 1/2"	2 1/2"	1"	--

OUTSIDE CORNER

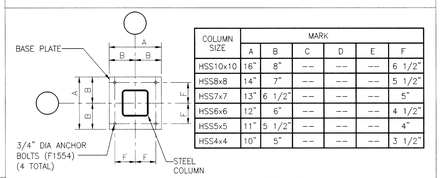
TYPICAL BASE PLATE

BEARING PLATE MARK	SIZE THK x W x L	NUMBER ANCHOR RODS	REMARKS
BP4	1/2" x 7" x 7"	2	TYPICAL BEAM BEARING
BP5	1/2" x 6" x 9"	3	CORNER BEAM BEARING
BP6	1/2" x 7" x 10"	2	SINGLE BEARING LH SERIES JOIST

NOTE: SEE TABLE ABOVE FOR NUMBER OF ANCHORS.

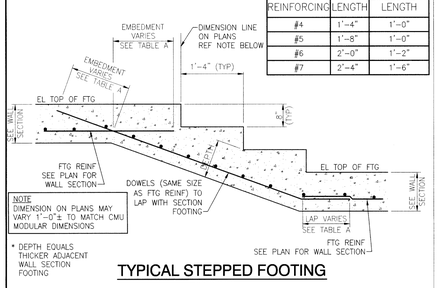


BEARING PLATE SCHEDULE

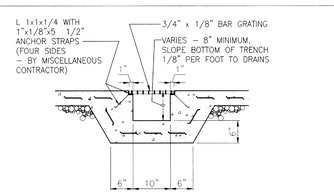


CONCRETE RAMP

TABLE A FOOTING REINFORCING	LAP LENGTH	EMBEDMENT LENGTH
#4	1'–4"	1'–0"
#5	1'–8"	1'–0"
#6	2'–0"	1'–2"
#7	2'–4"	1'–6"

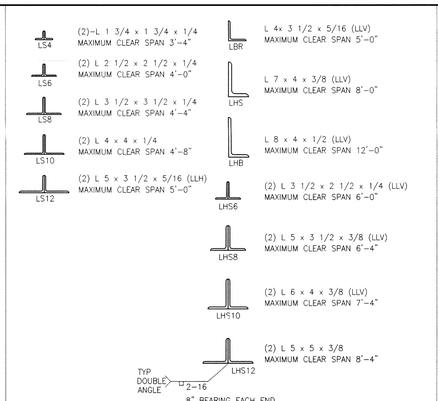


TYPICAL STEPPED FOOTING



INTERIOR TRENCH

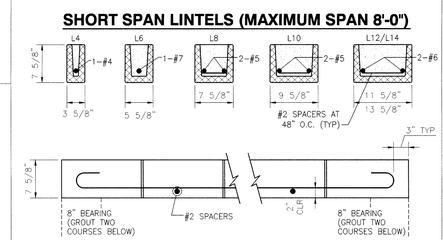
TYPICAL BASE PLATE



LINTEL NOTES

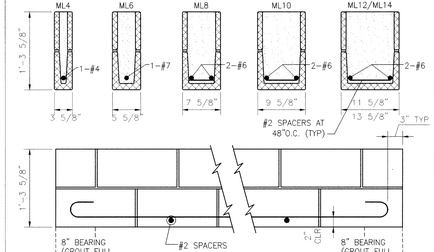
1. LINTELS SHALL BEAR ON SOLID MASONRY OR ON TWO CMU COURSES FULLY GROUTED, UON.
2. FURNISH AND INSTALL ALL LOOSE LINTELS REQUIRED FOR ALL OPENINGS IN MASONRY, INCLUDING MECHANICAL AND ELECTRICAL WORK, WHETHER SPECIFICALLY NOTED ON DRAWINGS OR NOT.
3. ALL LINTELS AT EXTERIOR LOCATIONS OR OTHERWISE SUBJECT TO WEATHER OR CORROSIVE ATMOSPHERE SHALL BE GALVANIZED.

STEEL LINTEL SCHEDULE

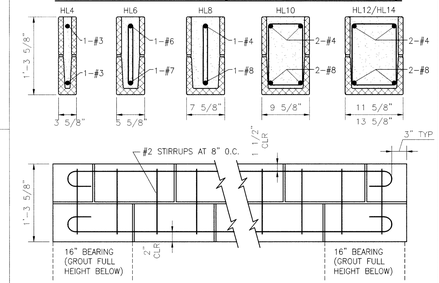


SHORT SPAN LINTELS (MAXIMUM SPAN 8'-0")

LONG SPAN LINTELS (MAXIMUM SPAN 12'-0")



LONG SPAN LINTELS (MAXIMUM SPAN 16'-0")

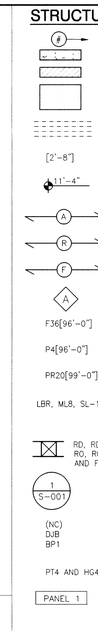


CMU LINTEL NOTES

1. FILL 4" AND 6" MASONRY UNITS WITH FINE GROUT AND ALL OTHERS. WITH COARSE GROUT. REFER TO SPECIFICATIONS SECTION DETAILS.
2. ALL REINFORCING BARS ARE HOOKED AT THE ENDS.
3. FOR TYPE OF CMU AND TYPE OF BOND REFERENCE SPECIFICATION SECTION 04200.
4. LINTELS SHALL BEAR ON SOLID CMU OR BEAR ON 2 FILLED COURSED, UON.
5. MAXIMUM SPANS DO NOT APPLY TO LOAD BEARING WALLS.
6. BOND PATTERN OF LINTEL TO MATCH ADJACENT WALL.
7. BOTTOM OF LINTEL SHALL BE SMOOTH MASONRY WITH NO CORES EXPOSED.
8. 14" LINTELS MAY BE MADE UP OF TWO PIECES IF 14" BOND BEAM UNITS ARE NOT AVAILABLE.
9. FURNISH AND INSTALL ALL LINTELS REQUIRED FOR ALL OPENING IN MASONRY, INCLUDING MECHANICAL AND ELECTRICAL WORK, WHETHER SPECIFICALLY NOTED ON DRAWINGS OR NOT.

CMU LINTEL SCHEDULE

STRUCTURAL LEGEND



SEE PLAN NOTES

CONCRETE

MASONRY WALL

INDICATES SLAB DEPRESSION FROM FINISHED FLOOR ELEVATION. SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND TYPE. SEE SPECIFICATIONS FOR REQUIRED DEPRESSION.

INDICATES THICKENED SLAB UNDER WALL. SEE 1/S–302 AND ARCHITECTURAL DRAWINGS FOR LOCATION AND ADDITIONAL INFORMATION.

[2'–8"] TOP OF FOOTING, PAD OR GRADE BEAM BELOW NOMINAL FIRST FLOOR ELEVATION. SEE PLAN NOTES FOR NOMINAL FIRST FLOOR ELEVATION.

411'–4" ELEVATION REFERENCED FROM ABOVE NOMINAL FIRST FLOOR ELEVATION. ON FOUNDATION OR FLOOR FRAMING PLAN, DENOTES ELEVATION TOP OF SLAB, ON ROOF FRAMING PLAN DENOTES ELEVATION TOP OF METAL DECK.

A 1 1/2", 20 GAUGE TYPE NA GALVANIZED ACOUSTICAL METAL ROOF DECK AND DIRECTION OF SPAN. (TWO OR MORE SPAN LOADING CONDITIONS)

R 1 1/2", 22 GAUGE TYPE "B" GALVANIZED METAL ROOF DECK AND DIRECTION OF SPAN. (TWO OR MORE SPAN LOADING CONDITIONS)

F 2", 22 GAUGE COMPOSITE GALVANIZED METAL COMPOSITE FLOOR DECK AND DIRECTION OF SPAN. (TWO OR MORE SPAN LOADING CONDITIONS)

A INDICATES CONCRETE SLAB. SEE SLAB SCHEDULE.

F36[96'–0"] CONTINUOUS CONCRETE FOOTING AND TOP OF FOOTING ELEVATION BELOW NOMINAL FIRST FLOOR ELEVATION

P4[96'–0"] CONCRETE PAD AND TOP OF PAD ELEVATION BELOW NOMINAL FIRST FLOOR ELEVATION.

PR20[99'–0"] CONCRETE PIER AND TOP OF PIER ELEVATION BELOW NOMINAL FIRST FLOOR ELEVATION.

LBR, ML8, SL–1 INDICATES STEEL, MASONRY OR SPECIAL LINTEL. SEE STEEL LINTEL SCHEDULE , CMU LINTEL SCHEDULE OR SPECIAL LINTEL SCHEDULE ON THIS DRAWING.

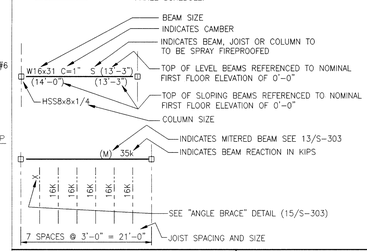
RD, RDE RO, ROE AND FO ROOF OR FLOOR OPENING. SEE GENERAL STRUCTURAL STEEL NOTES FOR FRAME INFORMATION. VERIFY LOCATION WITH CONTRACTOR REQUIRING OPENING. WHERE OPENING SIZE IS NOT GIVEN, COORDINATE WITH CONTRACTOR REQUIRING OPENING FOR EXACT SIZE.

1 S–001 SECTION, DETAIL, OR ELEVATION

(NC) DJB BP1 INDICATES NESTED CHANNEL SEE 21/S–306
INDICATES DEPTH OF JOIST BEARING
INDICATES MASONRY WALL BEARING PLATE SIZE (SEE S–001 FOR BEARING PLATE SCHEDULE)

PT4 AND HG4 INDICATES POST AND HANGER. SEE 18/S–306

PANEL 1 INDICATES MASONRY REINFORCED WALL PANEL. SEE MASONRY PANEL SCHEDULE.



SLAB SCHEDULE MARK	DEPTH	REINFORCEMENT	REMARKS
A	4"	WWF 6x6 W2.1xW2.1	6" DRAINAGE FILL ABOVE VAPOR SEAL
B	4 1/2"	WWF 6x6 W2.1xW2.1	USE 2" – 22GA COMPOSITE DECK
C	6"	WWF 6x6 W2.1xW2.1	USE 2" – 22GA COMPOSITE DECK

NOTE:
1. VAPOR BARRIER MAY BE OMITTED FOR EXTERIOR SLABS
2. SEE SPECIFICATION 03001 FOR FIBER–ADDITIVE REQUIREMENTS.

FOOTING SCHEDULE MARK	WIDTH	DEPTH	REINFORCEMENT
F24	24"	12"	3–#5 LONGITUDINAL #5 @ 24"O.C. TRANSV
F30	30"	12"	4–#5 LONGITUDINAL #5 @ 24"O.C. TRANSV
F36	36"	12"	4–#5 LONGITUDINAL #5 @ 24"O.C. TRANSV
F48	48"	12"	5–#5 LONGITUDINAL #5 @ 24"O.C. TRANSV

NOTE:
ALL WALL FOOTINGS ARE DESIGNED FOR 2500 PSF SOIL BEARING

PAD SCHEDULE

NOTE: ALL PADS ARE DESIGNED FOR 2500 PSF SOIL BEARING.

MARK	WIDTH	DEPTH	LENGTH	REINFORCEMENT (1/2 EACH WAY)
P3	3'–0"	1'–0"	3'–0"	8 – #5
P4	4'–0"	1'–0"	4'–0"	10 – #5
P5	5'–0"	1'–0"	5'–0"	12 – #5
P6	6'–0"	1'–0"	6'–0"	14 – #6
P7	7'–0"	1'–0"	7'–0"	16 – #6
P8	8'–0"	1'–6"	8'–0"	18 – #7
P9	9'–0"	1'–6"	9'–0"	20 – #7
P10	10'–0"	1'–6"	10'–0"	22 – #7
P11	11'–0"	1'–8"	11'–0"	24– #8
P12	12'–0"	1'–8"	12'–0"	26– #8
P13	13'–0"	2'–0"	13'–0"	28– #9
P14	14'–0"	2'–0"	14'–0"	30– #9

PIER SCHEDULE

MARK & SIZE	REINFORCING VERTICAL	REINFORCING TIES
PR20– 20"x20"	4 – #6	#3 @ 12"
PR24– 24"x24"	8 – #6	#3 @ 12"
PR30– 30"x30"	8 – #6	#3 @ 12"

STRUCTURAL ABBREVIATIONS

ALT	ALTERNATE	L	ANGLE
ARCH	ARCHITECTURAL	LLH	LONG LEG HORIZONTAL
		LLV	LONG LEG VERTICAL
BM	BEAM	LAT	LATERAL
BOTT	BOTTOM	LONG	LONGITUDINAL
BRG	BEARING		
		MAX	MAXIMUM
CL	CENTERLINE	MECH	MECHANICAL
CMU	CONCRETE MASONRY UNIT	MIN	MINIMUM
C TO C	CENTER TO CENTER	MAS	MASONRY
CLR	CLEAR/CLEARANCE		
COL	COLUMN	N	NORTH
CONC	CONCRETE	NIC	NOT IN CONTRACT
CONSTR	CONSTRUCTION	NO/#	NUMBER
CONT	CONTINUOUS		
CONTR	CONTRACTOR	O TO O	OUT TO OUT
		OPNG	OPENING
DET	DETAIL	OPP HD	OPPOSITE HAND
DWG	DRAWING		
		PL	PLATE
E	EAST	PSF	POUNDS PER SQUARE FOOT
EA	EACH	PSI	POUNDS PER SQUARE INCH
EF	EACH FACE		
ELEC	ELECTRICAL	REF	REFER TO
EL	ELEVATION	REINF	REINFORCING
EQU	EQUAL	REQ'D	REQUIRED
EQUIP	EQUIPMENT		
EW	EACH WAY	S	SOUTH
EXIST	EXISTING	SECT	SECTION
EXP	EXPANSION	SIM	SIMILAR
		SPA	SPACE
FIN	FINISH	SPEC	SPECIFICATIONS
FL	FLOOR	STD	STANDARD
FDN	FOUNDATION	STL	STEEL
FTG	FOOTING	STRUCT	STRUCTURAL
GA	GAUGE	TOS	TOP OF STEEL
GC	GENERAL CONTRACTOR	THK	THICK/THICKNESS
		TYP	TYPICAL
HORIZ	HORIZONTAL		
HS	HIGH STRENGTH	UON	UNLESS OTHERWISE NOTED
JST	JOIST	VIF	VERIFY IN FIELD
JT	JOINT	VERT	VERTICAL
		W	WEST
		w/	WITH
		WWF	WELDED WIRE FABRIC

GENERAL DESIGN NOTES

1. BUILDING CODE
   INTERNATIONAL BUILDING CODE – (WITH INDIANA ADMENDMENTS)
2. DESIGN LOADS:
   ROOF LOADS: DL (PSF)
   CLASSROOMS 33 | CORRIDORS 60 | MECHANICAL ROOM 83 | GENERAL 34
   OFFICE 32 | GYM 55 | ENTRY 39
   FLOOR LOADS: DL (PSF)
   MECH. ROOM MEZZ. 113
   FLOOR LOADS: LL (PSF)
   MECH. ROOM MEZZ. 150
3. SNOW LOAD INFORMATION:
   GROUND SNOW LOAD (Pg) – 20 PSF
   SNOW EXPOSURE FACTOR (Ce) – 0.9
   SNOW LOAD IMPORTANCE FACTOR (Is) – 1.1
   THERMAL FACTOR (Ct) – 1.0
   FLAT ROOF SNOW LOAD (Pf) – 22 PSF
4. WIND LOAD INFORMATION:
   BASIC WIND SPEED (3 SECOND GUST) – 90 MPH
   WIND IMPORTANCE FACTOR – 1.15
   BUILDING CATEGORY – II
   WIND EXPOSURE – C
   INTERNAL PRESSURE COEFFICIENT (GCpi) – ±0.18
5. SEISMIC DESIGN DATA:
   SEISMIC USE GROUP – II
   SPECTRAL RESPONSE COEFFICIENTS
   Sds – 0.14
   Sd1 – 0.10
   SITE CLASS – C
   BASIC SEISMIC–FORCE–RESISTING SYSTEM – 2P
   DESIGN BASE SHEAR (V) – 0.043W
   ANALYSIS PROCEDURE – EQUIVALENT LATERAL FORCE
6. VERIFY ALL EXISTING CONDITIONS. WHERE ACTUAL CONDITIONS ARE DIFFERENT THAN INDICATED ON THE DRAWINGS, CONTACT THE ARCHITECT/ENGINEER IMMEDIATELY.

GENERAL FOUNDATION/CONCRETE NOTES

1. ALL CONCRETE SHALL BE STONE/GRAVEL AGGREGATE CONCRETE HAVING A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS AS NOTED IN THE SPECIFICATIONS.
2. ALL REINFORCING STEEL SHALL CONFORM, TO ASTM A615, GRADE 60 UNLESS NOTED OTHERWISE.
3. ALL FOOTINGS AND PADS ARE DESIGNED TO BEAR ON UNDISTURBED SOIL WITH AN ALLOWABLE BEARING CAPACITY OF 2000 PSF AND 2500 PSF, RESPECTIVELY.
4. PROVIDE HORIZONTAL WALL REINFORCING IN ALL CONCRETE BLOCK FOUNDATION WALLS EVERY COURSE. THIS WALL REINFORCING SHALL LAP AT ALL WALL INTERSECTIONS.
5. INTERIOR AND EXTERIOR BACKFILLING SHALL BE ACCOMPLISHED SIMULTANEOUSLY.
6. ALL BUILDING EXTERIOR FOUNDATION WALLS SHALL BE INSULATED WITH PERIMETER INSULATION. INSTALL INSULATION FROM TOP OF FOOTING UP TO BOTTOM OF FLOOR SLAB, UNLESS SHOWN OR NOTED OTHERWISE.
7. PROVIDE EXPANSION STRIP FULL DEPTH OF SLAB AT ALL INTERSECTIONS OF SLAB–ON–GRADE WITH VERTICAL SURFACES BOTH INTERIOR AND EXTERIOR EXCEPT WHERE GRADE IS ABOVE THE FLOOR SLAB ON ADJACENT SIDE OF WALL.
8. UNLESS NOTED OR SHOWN OTHERWISE, PROVIDE CONSTRUCTION JOINTS OR CONTROL JOINTS IN CONCRETE SLABS–ON–GRADE AT A MAXIMUM SPACING AS FOLLOWS:
   EXPOSED CONCRETE SLABS: 36 TIMES THE SLABS THICKNESS
   CONCEALED CONCRETE SLABS: 48 TIMES THE SLABS THICKNESS.
9. SEE THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR SLAB JOINTS.

GENERAL STRUCTURAL STEEL NOTES

1. ALL STRUCTURAL STEEL SHALL CONFORM TO THE STANDARD SPECIFICATION FOR STRUCTURAL STEEL, ASTM A992, UNLESS NOTED OTHERWISE.
2. ALL JOIST ANCHORS, BEAM BEARING PLATES, LINTELS, METAL DECK ANCHORS, AND NEEDLE BEAMS ARE TO BE FURNISHED BY THE STRUCTURAL METALS CONTRACTOR AND INSTALLED BY THE MASONRY CONTRACTOR.
3. PROVIDE CURB ANGLES 3x3x1/4 TO SUPPORT ROOF DECK AT OPENINGS, UNLESS NOTED OTHERWISE.
4. STRUCTURAL STEEL FABRICATOR SHALL PROVIDE STEEL FILLERS ON BEAM FLANGES WHERE REQUIRED FOR THE BEARING OF METAL DECK.
5. STRUCTURAL STEEL FABRICATOR SHALL PROVIDE SUPPORTS FOR METAL DECK AT PERIMETER COLUMNS, BUILDING CORNERS AND ALL OTHER LOCATIONS AS REQUIRED FOR COMPLETE INSTALLATION OF DECK.
6. PROVIDE ANGLE BRACE PER 15/S–303, FOR BEAMS CONTINUOUS OVER COLUMNS OR FOR BEAMS BEARING ON COLUMN TOP PLATES, ALSO PROVIDE BRACE WHEN INDICATED BY AN "X" ON PLAN.

GENERAL STEEL JOIST/DECK NOTES

1. ALL STEEL JOISTS SHALL CONFORM TO THE REQUIREMENTS OF THE STEEL JOIST INSTITUTE. JOIST SUBSTITUTES ARE TO BE EQUAL TO VULCRAFT "VS" SERIES.
2. ALL ROOF JOISTS ARE TO BE DESIGNED FOR A NET UPLIFT AS FOLLOWS:
   ALL AREAS: 10PSF
3. DESIGN EACH JOIST SEAT FOR A 1 KIP LATERAL LOAD PERPENDICULAR TO THE SEAT DUE TO DIAPHRAGM ACTION. (UNLESS OTHERWISE NOTED– SEE PLANS)
4. METAL DECK MANUFACTURER SHALL PROVIDE 6" WIDE, 22 GAUGE COVER PLATES AT ALL DECK SPLICE LOCATIONS WHERE THE ROOF DECK HAS A CHANGE IN DIRECTION OR SLOPE.
5. METAL DECK MANUFACTURER SHALL PROVIDE RECESSED SUMP PANS TO ACCOMMODATE ROOF DRAINS IN ALL METAL ROOF DECKS.

GENERAL MASONRY NOTES

1. ALL CONCRETE MASONRY ASSEMBLAGES ARE DESIGNED FOR AN ULTIMATE COMPRESSIVE STRENGTH f'm = 1500 PSI.
2. ALL BEAMS AND LINTELS WHICH BEAR ON MASONRY SHALL BEAR A MINIMUM OF 8 INCHES ONTO MASONRY UNLESS OTHERWISE NOTED.
3. EXPOSED BLOCK WALLS SHALL BE LAID UP IN A STACK BOND PATTERN UNLESS OTHERWISE NOTED. (SEE SPECS)
4. PROVIDE BRACING FOR ALL NON–LOAD BEARING BLOCK PARTITION WALLS PER THE TYPICAL BRACING DETAILS. SEE 3/S–304.
5. "C" INDICATES COLUMN CONNECTION REQUIRED AT ONE OR BOTH ENDS. SEE PLANS FOR LOCATION.

UNDERPINNING NOTES

1. EXISTING FOOTING SCHEDULE SHALL BE HAND EXCAVATED IN LENGTHS (PARALLEL TO EXISTING WALL) NOT GREATER THAN SIX (6) FEET AND TO THE WIDTH OF THE EXISTING FOOTING. EXCAVATED AREAS SHALL BE SPACED AT NOT LESS THAN EIGHTEEN (18) FEET ON CENTERS SO THAT NO MORE THAN ONE–THIRD (1/3) OF THE EXISTING FOOTING HAS CURED FOR 72 HOURS. NO EXCAVATION OF ADJACENT UNDERPIN SEGMENTS SHALL BE MADE UNTIL NON–SHRINK GROUT IS CURED TO A 2,000 PSI COMPRESSIVE STRENGTH, ACCORDING TO MANUFACTURERS DATA.
2. UNDERPIN FOOTINGS SHALL BE FORMED AGAINST EARTH EXCEPT FOR EXPOSED SURFACES WHICH SHALL BE FORMED. ALL EARTH SHALL BE REMOVED FROM THE ADJOINING FACE OF UNDERPIN FOOTINGS PRIOR TO PLACING THE ADJACENT SEGMENT.
3. THE SPACE (2 INCHES MINIMUM) BETWEEN BOTTOM OF EXISTING FOOTING AND TOP OF UNDERPIN FOOTING SHALL BE PACKED WITH NON–SHRINK GROUT AFTER THE UNDERPIN FOOTING HAS CURED FOR 72 HOURS. NO EXCAVATION OF ADJACENT UNDERPIN SEGMENTS SHALL BE MADE UNTIL NON–SHRINK GROUT IS CURED TO A 2,000 PSI COMPRESSIVE STRENGTH, ACCORDING TO MANUFACTURERS DATA.
4. IF THE UNDERPINNING OPERATION RESULTS IN THE UNDERMINING OF THE EXISTING EXTERIOR SLAB, AFTER UNDERPINNING IS COMPLETED, GROUT SHALL BE PUMPED THROUGH CORED HOLES IN THE EXISTING SLAB. GROUT

SHORING PILES MAY BE PLACED ALONG SIDE EXISTING TUNNEL DURING FOUNDATION INSTALLATION OPERATIONS ALONG COLUMN LINE 1 (VERIFY EXISTING TUNNEL)

THICKENED SLAB SEE 12-S303 (TYP)

FOOTING STEP SEE S-001

CONTROL OR CONSTRUCTION JOINT (TYPICAL)

TYPICAL AT ISOLATED COLUMNS (SEE 15-S-301)

CONSTRUCTION JOINT (TYPICAL)

VOLLYBALL/ TENNIS POST ANCHOR- SEE 16/S-303 (TYP)

EXISTING SLAB CUT BACK TO 1'-0" (TYP)

FACE OF EXISTING WALL

ORIGIN OF NEW CONSTRUCTION

FACE OF EXISTING WALL

UNIT "A" FOUNDATIONS/SLAB PLAN

SCALE 1/8" = 1'-0"

PLAN NORTH

FOUNDATION/SLAB PLAN NOTES

1. SEE SHEET S-001 FOR GENERAL NOTES, STRUCTURAL LEGEND, SCHEDULES AND TYPICAL DETAILS.
2. ALL ELEVATIONS ARE REFERENCED FROM A FINISH FLOOR ELEVATION OF 100'-0" PER AREA. SEE PLAN AND VERIFY WITH ARCHITECTURAL FLOOR PLANS
3. SLAB CONTROL AND CONSTRUCTION JOINTS ARE TO BE LAID OUT PER CONTRACTOR PLANNED SEQUENCE OF COMPLETION. (SEE SPECIFICATION)
4. SEE S-301 FOR FOUNDATION AND SLAB DETAILS.
5. TOP OF INTERIOR FOOTING IS TYPICALLY 1'-0" BELOW FINISH FLOOR ELEVATION UNLESS OTHERWISE NOTED. (SEE PLAN)
6. * -INDICATES TALL COLUMN AT PAD/PIER. (SEE 14/S-303)
7. (FB) - INDICATES FLOOR BOX FOR ELECTRICAL OUTLET. SET IN THICKENED SLAB - SEE 19/S-301 (VERIFY W/ ELECTRICAL PLANS)

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

KEY PLAN

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY RM
DRAWN BY KW
CHECKED BY RM

ROGER MALONE REGISTERED NO. PE 19800200 STATE OF INDIANA

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DRAWING
UNIT "A"
FOUNDATIONS/SLAB PLAN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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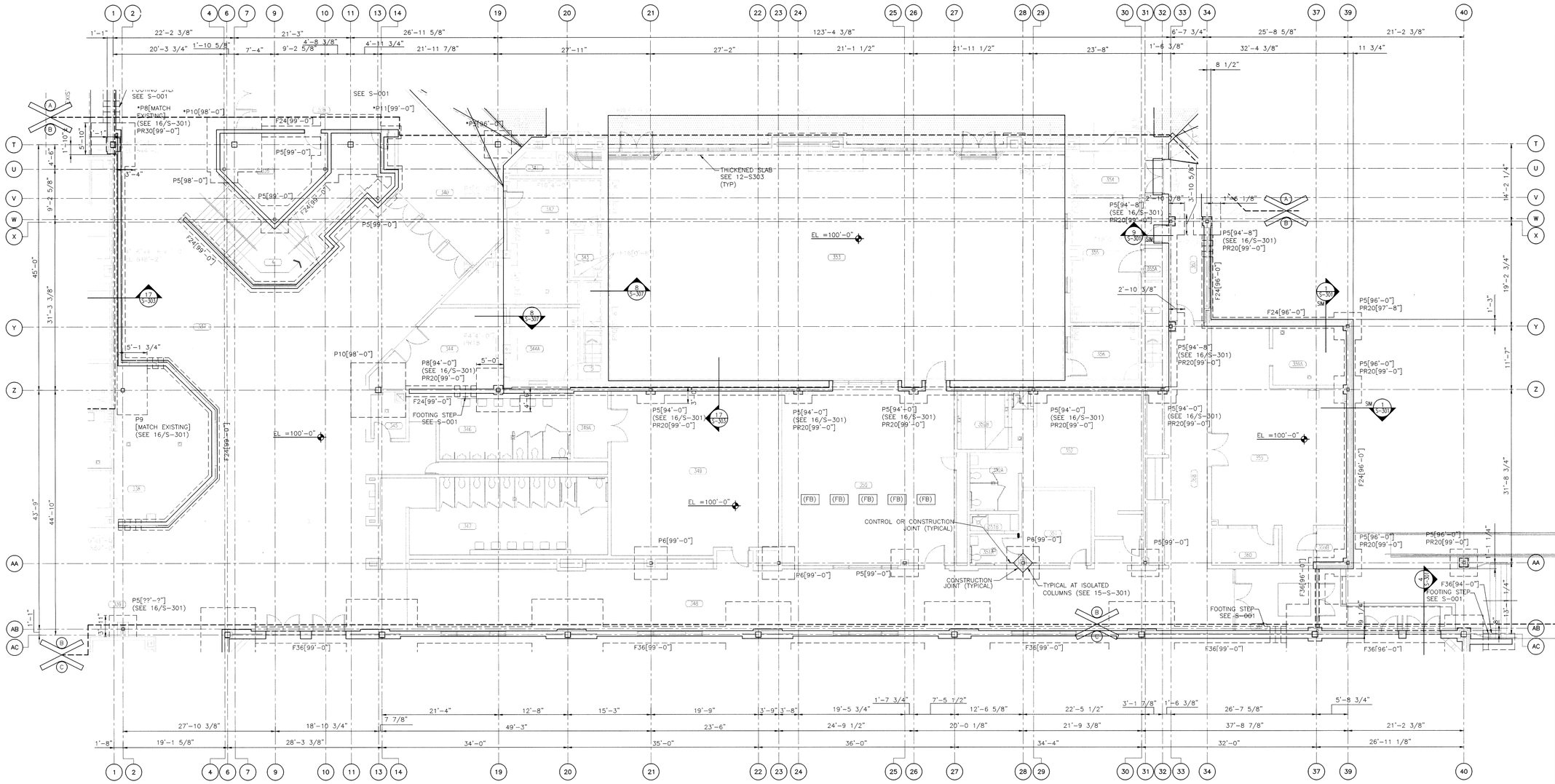

UNIT "B" FOUNDATIONS/ SLAB PLAN

SCALE 1/8" = 1'-0"

PLAN NORTH

FOUNDATION/SLAB PLAN NOTES

1. SEE SHEET S-001 FOR GENERAL NOTES, STRUCTURAL LEGEND, SCHEDULES AND TYPICAL DETAILS.
2. ALL ELEVATIONS ARE REFERENCED FROM A FINISH FLOOR ELEVATION OF 100'-0" PER AREA. SEE PLAN AND VERIFY WITH ARCHITECTURAL FLOOR PLANS
3. SLAB CONTROL AND CONSTRUCTION JOINTS ARE TO BE LAID OUT PER CONTRACTOR PLANNED SEQUENCE OF COMPLETION. (SEE SPECIFICATION)
4. SEE S-301 FOR FOUNDATION AND SLAB DETAILS.
5. TOP OF INTERIOR FOOTING IS TYPICALLY 1'-0" BELOW FINISH FLOOR ELEVATION UNLESS OTHERWISE NOTED. (SEE PLAN)
6. • -INDICATES TALL COLUMN AT PAD/PIER. (SEE 14/S-303)
7. (FB) - INDICATES FLOOR BOX FOR ELECTRICAL OUTLET. SET IN THICKENED SLAB - SEE 19/S-301 (VERIFY W/ ELECTRICAL PLANS)

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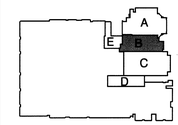
PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP



KEY PLAN

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY RM
DRAWN BY KW
CHECKED BY RM

ROGER WALONI REGISTERED NO. PE 19800200 STATE OF INDIANA PROFESSIONAL ENGINEER

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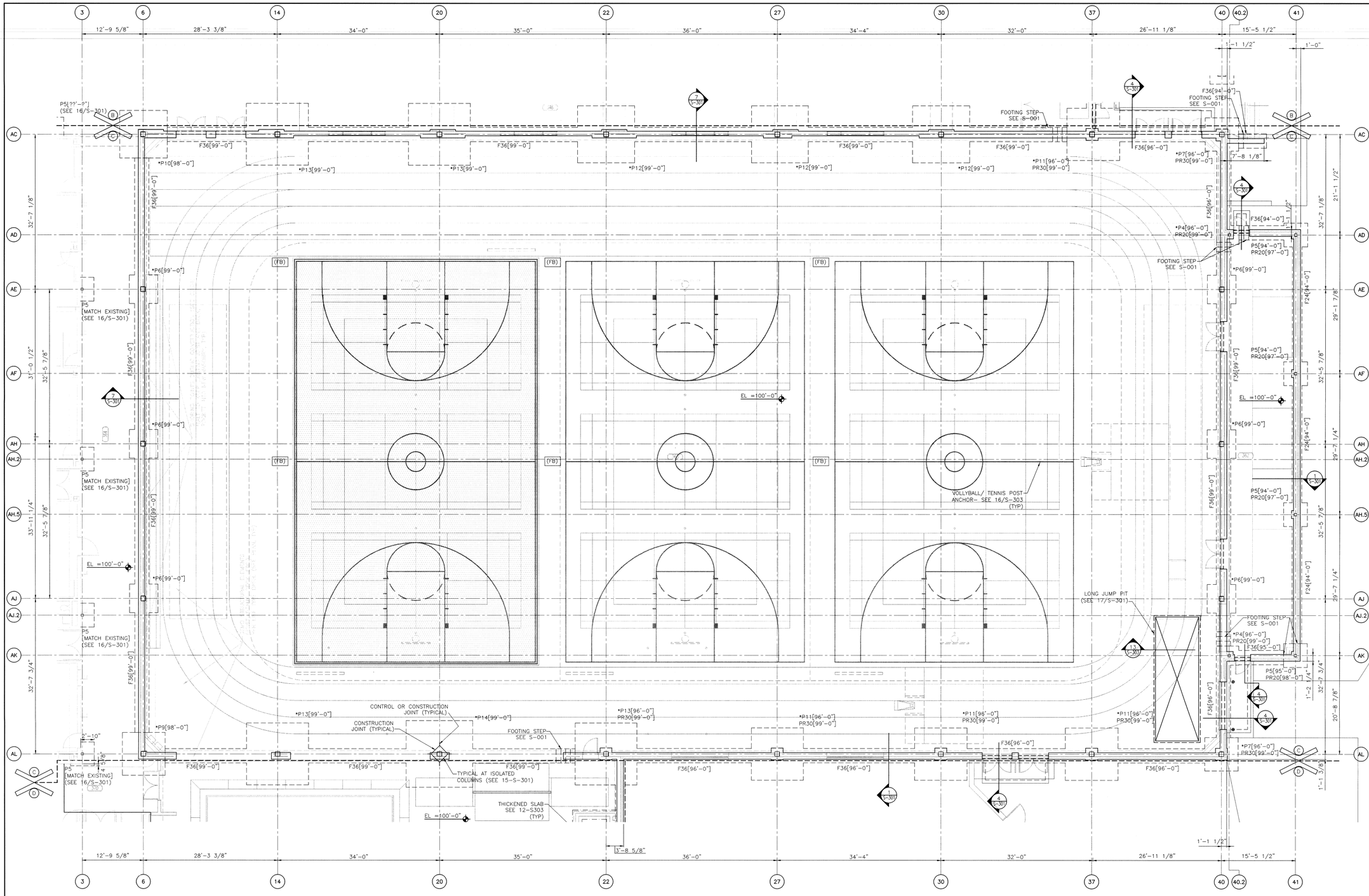

UNIT "C" FOUNDATIONS/ SLAB PLAN

SCALE 1/8" = 1'-0"

PLAN NORTH

FOUNDATION/SLAB PLAN NOTES

1. SEE SHEET S-001 FOR GENERAL NOTES, STRUCTURAL LEGEND, SCHEDULES AND TYPICAL DETAILS.
2. ALL ELEVATIONS ARE REFERENCED FROM A FINISH FLOOR ELEVATION OF 100'-0" PER AREA. SEE PLAN AND VERIFY WITH ARCHITECTURAL FLOOR PLANS
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PROJECT
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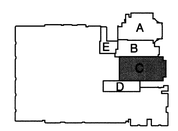
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP



KEY PLAN

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PROJECT
06-612

DATE
03/19/07

COORDINATED BY
RM

DRAWN BY
KW

CHECKED BY
RM

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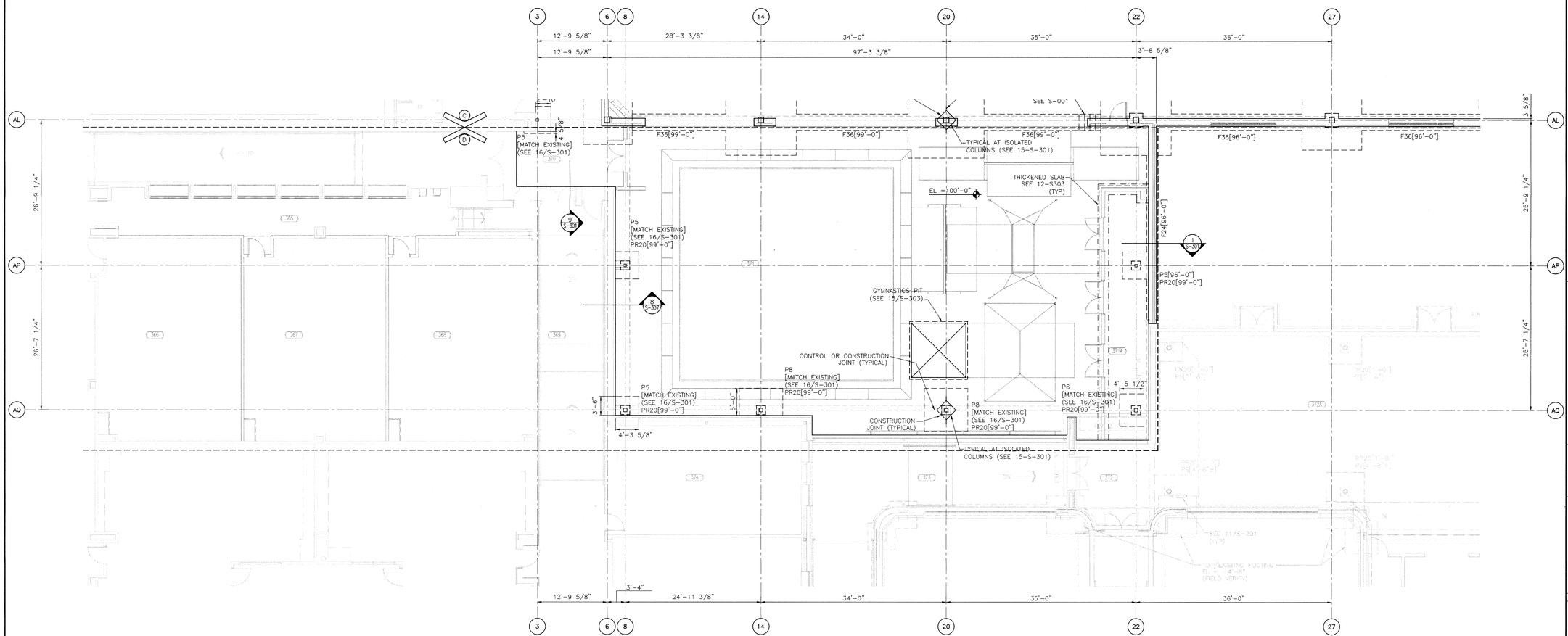

UNIT "D" FOUNDATIONS/ SLAB PLAN

SCALE 1/8" = 1'-0"

PLAN NORTH

FOUNDATION/SLAB PLAN NOTES

1. SEE SHEET S-001 FOR GENERAL NOTES, STRUCTURAL LEGEND, SCHEDULES AND TYPICAL DETAILS.
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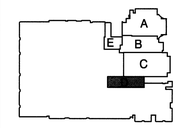
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP



KEY PLAN

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY RM
DRAWN BY KW
CHECKED BY RM

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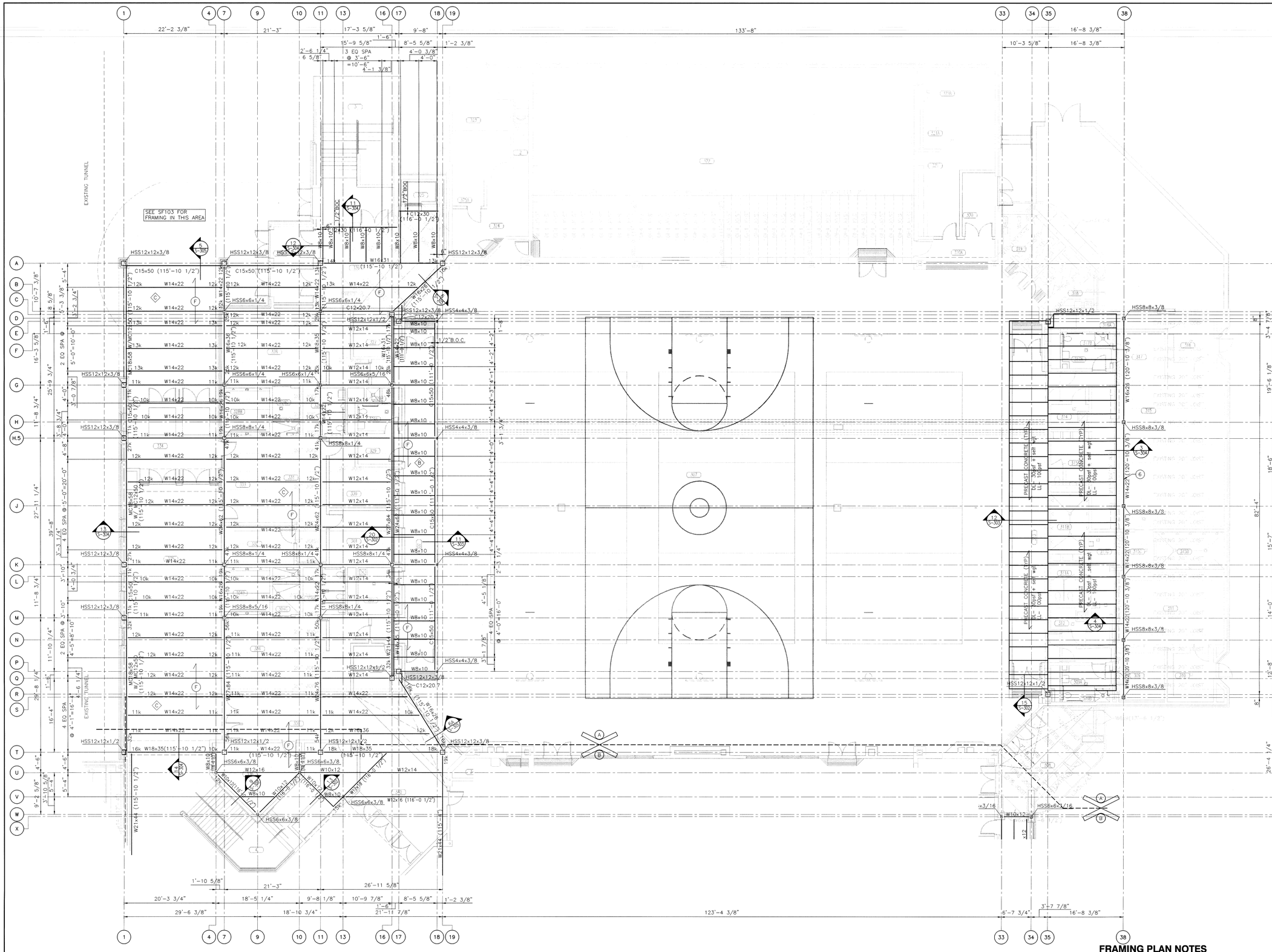
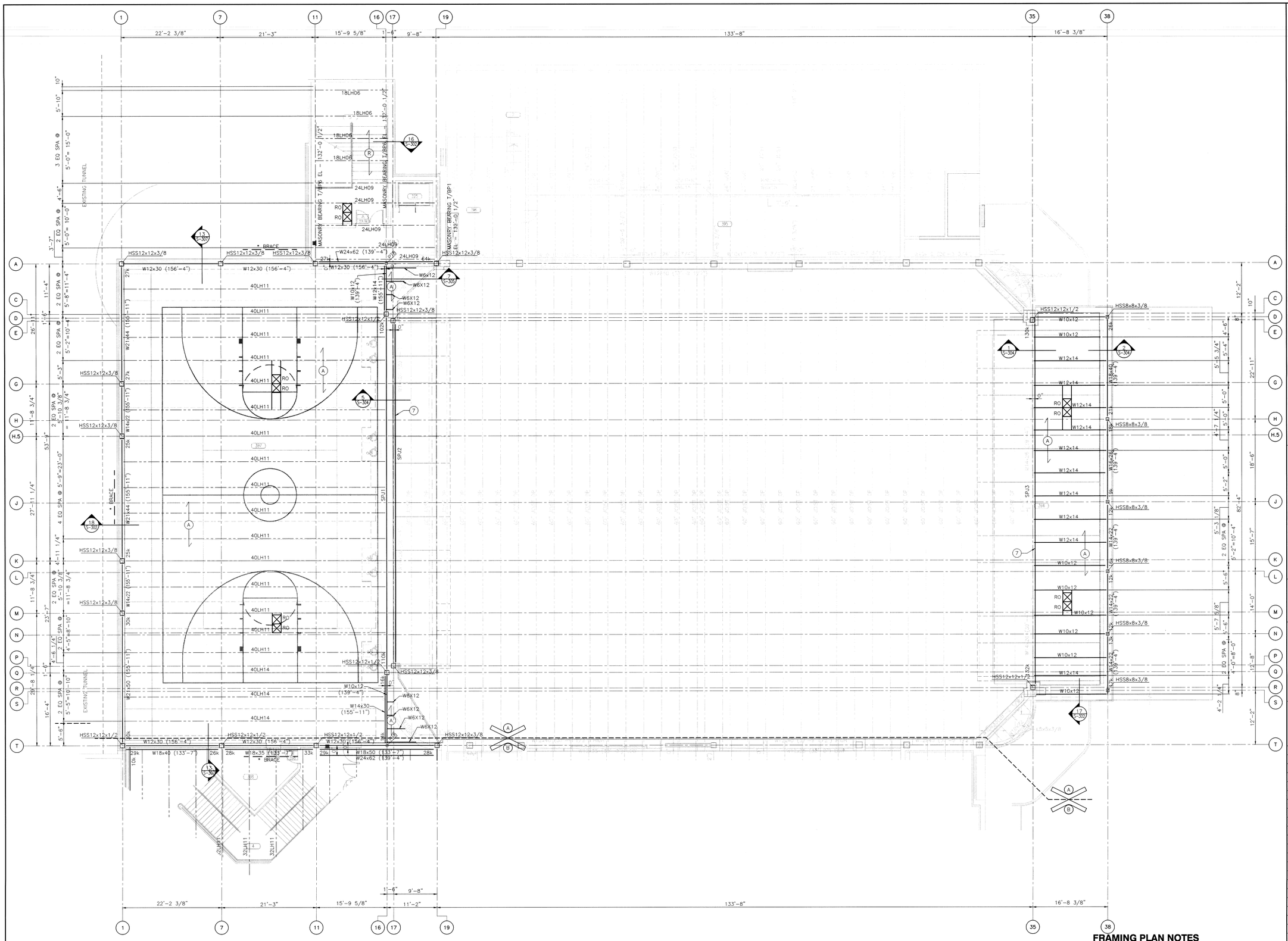

SEE SF103 FOR FRAMING IN THIS AREA
EXISTING TUNNEL
EXISTING TUNNEL
PRECAST CONCRETE (TYP.)
DL= 30psf + self wgt
LL= 100psf
EXISTING 20" JOIST
EXISTING 20" JOIST
EXISTING 20" JOIST



UNIT "A" HIGH ROOF FRAMING PLAN

SCALE 1/8" = 1'-0"

PLAN NORTH

GYMNASIUM EQUIPMENT SUPPORT

GYMNASIUM EQUIPMENT SHALL BE SUPPORTED FROM THE BOTTOM CHORD OF ROOF JOISTS AT PANEL POINTS OR IF SUPPORTED BETWEEN PANEL POINTS, JOISTS SHALL BE REINFORCED WITH AN EXTRA WEB MEMBER.

ALL MATERIAL AND LABOR REQUIRED FOR SUPPORT OF THE EQUIPMENT SHALL BE INCLUDED AND PROVIDED BY DIVISION 11 OF THE SPECIFICATIONS.

SEE DETAIL 11/S-302 FOR ALL ATTACHMENT TO JOIST AND DETAIL 7/S-302 FOR JOIST REINFORCEMENT.

FRAMING PLAN NOTES

1. SEE DRAWING S-001 FOR GENERAL NOTES, STRUCTURAL LEGEND, SCHEDULES AND TYPICAL DETAILS.
2. ALL ELEVATIONS ARE REFERENCED FROM A FINISH FLOOR ELEVATION OF 0'-0" PER AREA. SEE PLAN AND VERIFY WITH ARCHITECTURAL FLOOR PLANS
3. SEE DRAWING S-302 THRU S-307 FOR STEEL FRAMING DETAILS.
4. ROOF AND FLOOR OPENINGS REQUIRED FRAMES. SEE S-001 GENERAL STEEL NOTES. RD, RV, RH AND FO INDICATES FRAME REQUIRED (SEE PLAN)
5. "TEMPORARY BRACING NEEDED UNTIL ROOF METAL DECK DIAPHRAGM INSTALLED."
6. *BRACE – INDICATES HIGH FRAME BAY. BRACE PER 4/S-305 (SIM) W/ (2) L6x3x1/2 CHEVRON STYLE
7. SHORE EXISTING ROOF FRAMING IN THIS AREA (VERIFY)

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RENOVATIONS, ADDITIONS AND RELATED WORK
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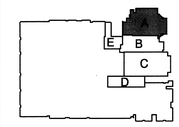

KEY PLAN

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY RM
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UNIT "A"
HIGH ROOF FRAMING PLAN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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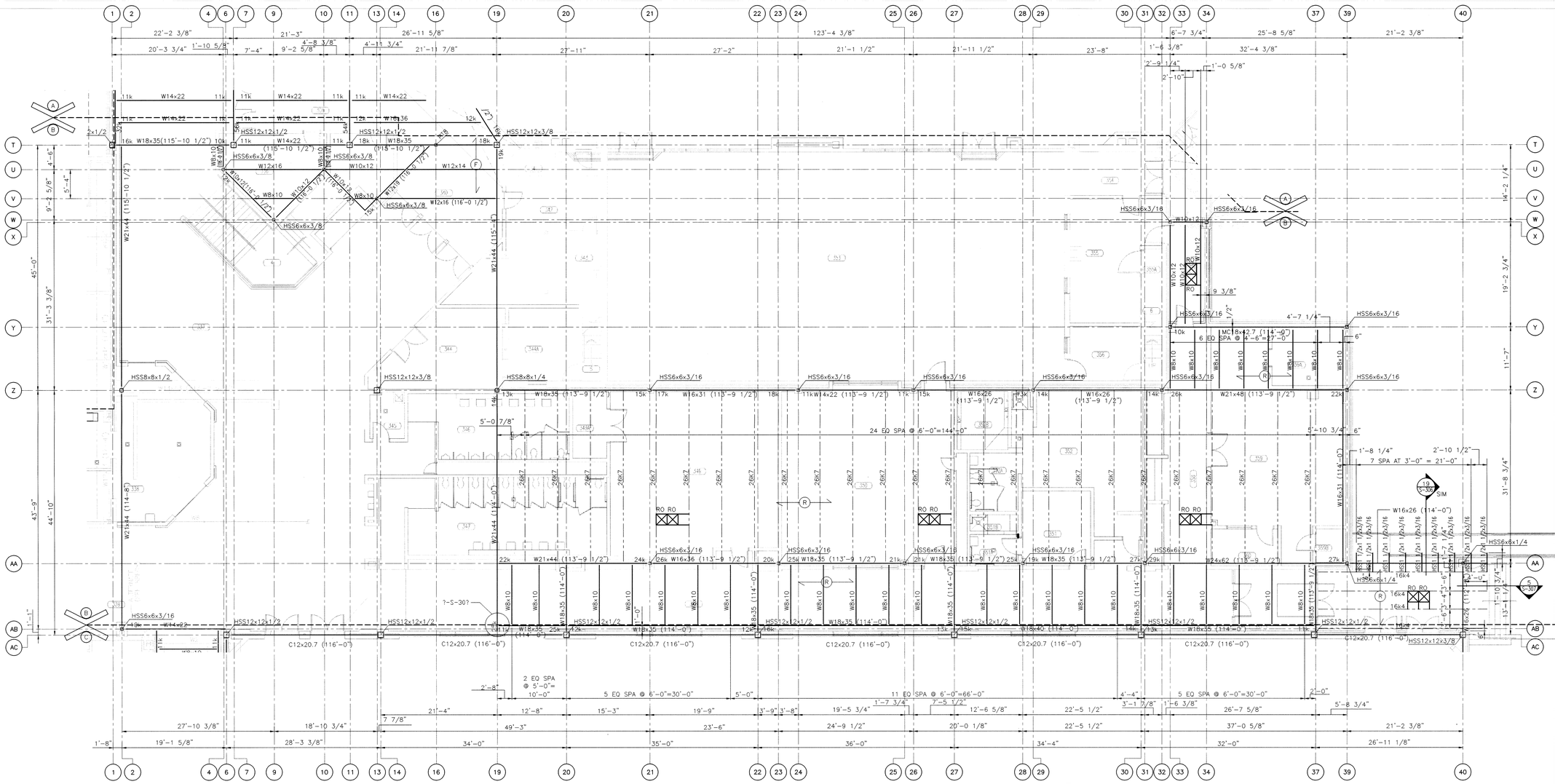
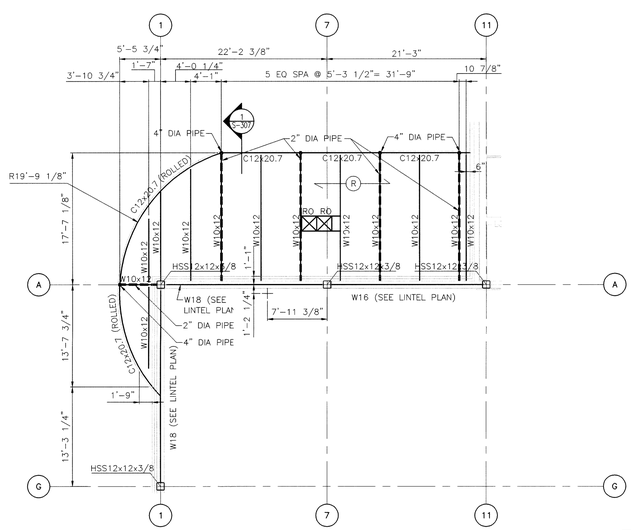


UNIT "B" LOW ROOF AND FLOOR FRAMING PLAN

SCALE 1/8" = 1'-0"

PLAN NORTH



UNIT "A" ENTRANCE CANOPY ROOF FRAMING PLAN

SCALE 1/8" = 1'-0"

PLAN NORTH

FRAMING PLAN NOTES

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2. ALL ELEVATIONS ARE REFERENCED FROM A FINISH FLOOR ELEVATION OF 0'-0" PER AREA. SEE PLAN AND VERIFY WITH ARCHITECTURAL FLOOR PLANS
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5. "TEMPORARY BRACING NEEDED UNTIL ROOF METAL DECK DIAPHRAGM INSTALLED."

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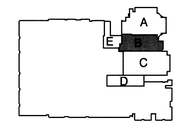
PROJECT

LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK

MSD OF LAWRENCE TOWNSHIP



KEY PLAN

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PROJECT 06-612

DATE 03/19/07

COORDINATED BY RM

DRAWN BY KW

CHECKED BY RM

ROGER MALONE REGISTERED ND. PE 19800200 STATE OF INDIANA PROFESSIONAL ENGINEER

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LOW ROOF AND FLOOR FRAMING PLAN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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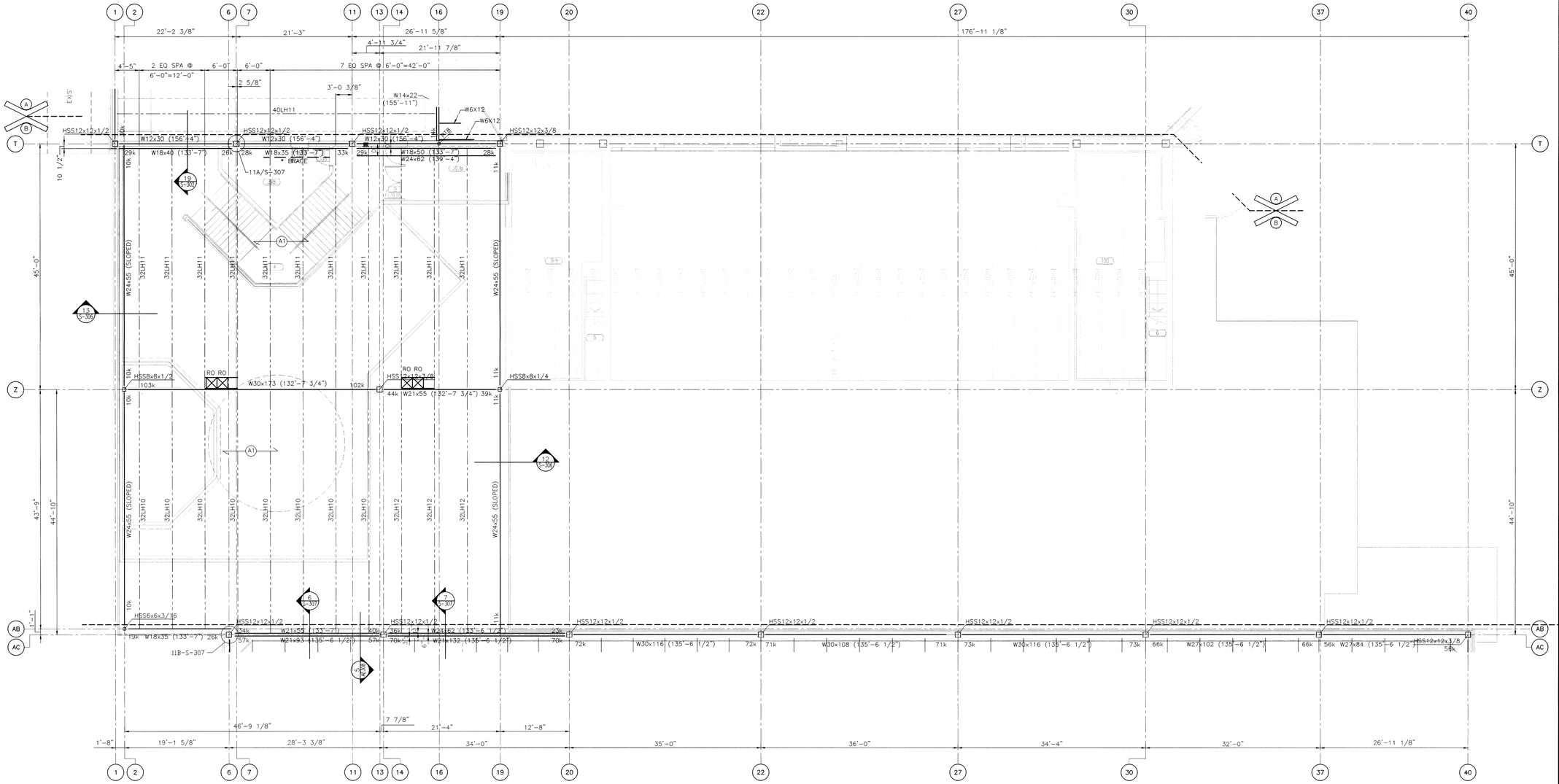

UNIT "B" HIGH ROOF FRAMING PLAN

SCALE 1/8" = 1'-0"

PLAN NORTH

FRAMING PLAN NOTES

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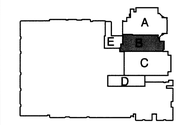
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP



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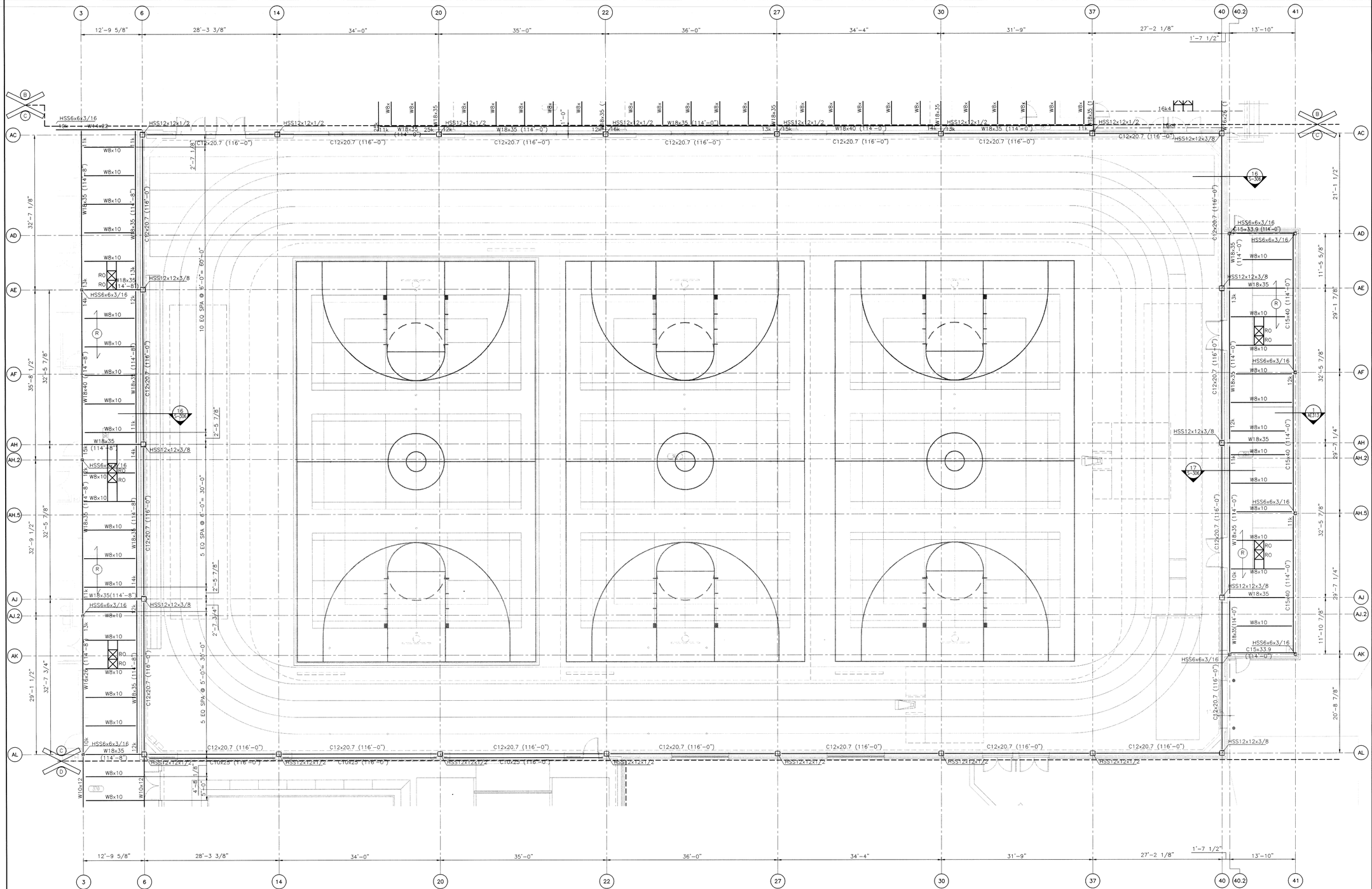

UNIT "C" LOW ROOF FRAMING PLAN

SCALE 1/8" = 1'-0"

PLAN NORTH

FRAMING PLAN NOTES

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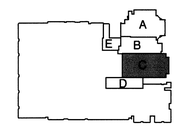

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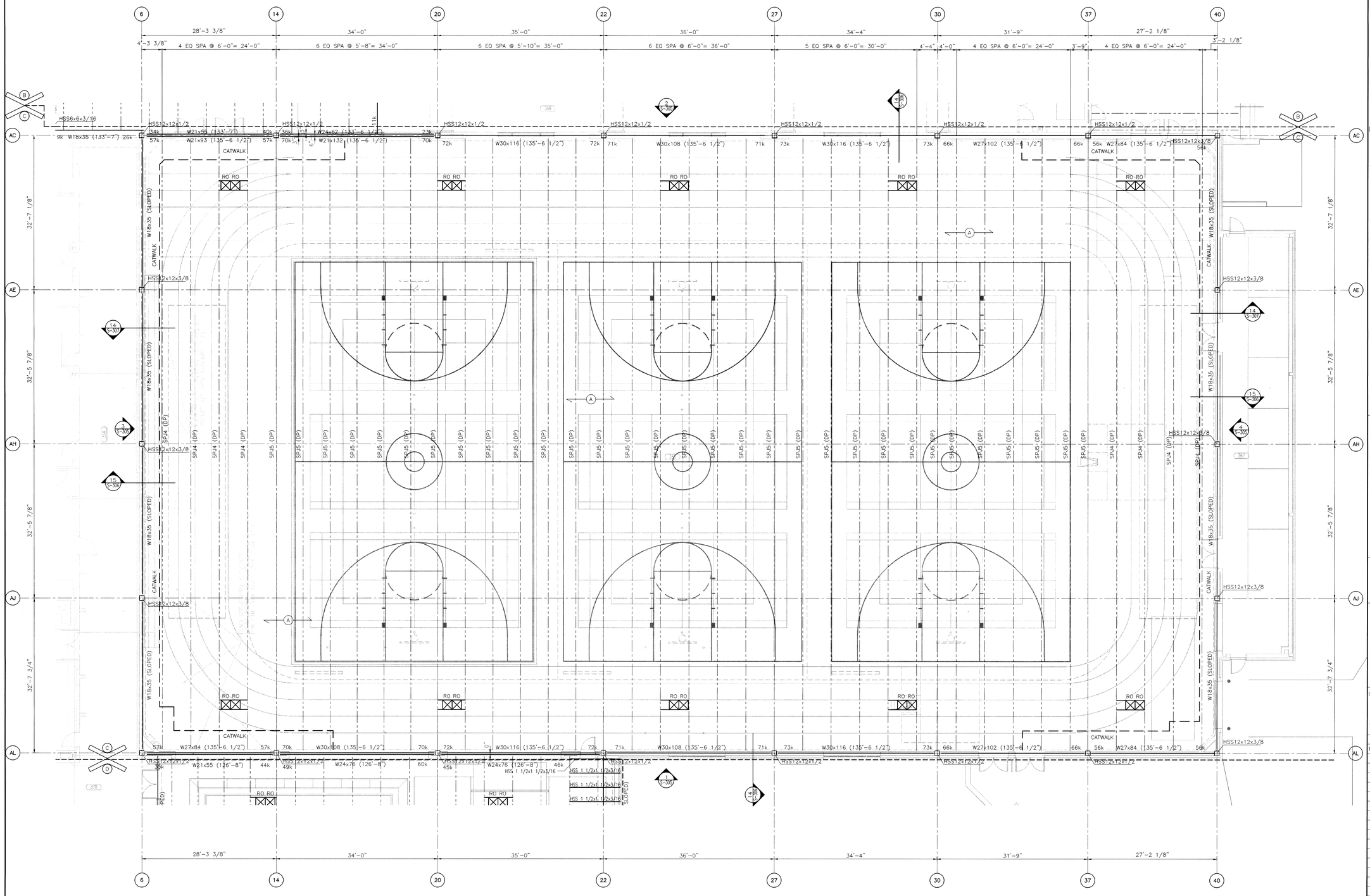

UNIT "C" HIGH ROOF FRAMING PLAN

SCALE 1/8" = 1'-0"

PLAN NORTH

GYMNASIUM EQUIPMENT SUPPORT

GYMNASIUM EQUIPMENT SHALL BE SUPPORTED FROM THE BOTTOM CHORD OF ROOF JOISTS AT PANEL POINTS OR IF SUPPORTED BETWEEN PANEL POINTS, JOISTS SHALL BE REINFORCED WITH AN EXTRA WEB MEMBER.

ALL MATERIAL AND LABOR REQUIRED FOR SUPPORT OF THE EQUIPMENT SHALL BE INCLUDED AND PROVIDED BY DIVISION 11 OF THE SPECIFICATIONS.

SEE DETAIL 11/S-302 FOR ALL ATTACHMENT TO JOIST AND DETAIL 7/S-302 FOR JOIST REINFORCEMENT.

FRAMING PLAN NOTES

1. SEE DRAWING S-001 FOR GENERAL NOTES, STRUCTURAL LEGEND, SCHEDULES AND TYPICAL DETAILS.
2. ALL ELEVATIONS ARE REFERENCED FROM A FINISH FLOOR ELEVATION OF 0'-0" PER AREA. SEE PLAN AND VERIFY WITH ARCHITECTURAL FLOOR PLANS
3. SEE DRAWING S-302 THRU S-307 FOR STEEL FRAMING DETAILS.
4. ROOF AND FLOOR OPENINGS REQUIRED FRAMES. SEE S-001 GENERAL STEEL NOTES. RD, RV, RH AND FO INDICATES FRAME REQUIRED (SEE PLAN)
5. "TEMPORARY BRACING NEEDED UNTIL ROOF METAL DECK DIAPHRAGM INSTALLED."

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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

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KEY PLAN

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ROGER W. LONG REGISTERED NO. PE 19800200 STATE OF INDIANA

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FRAMING PLAN

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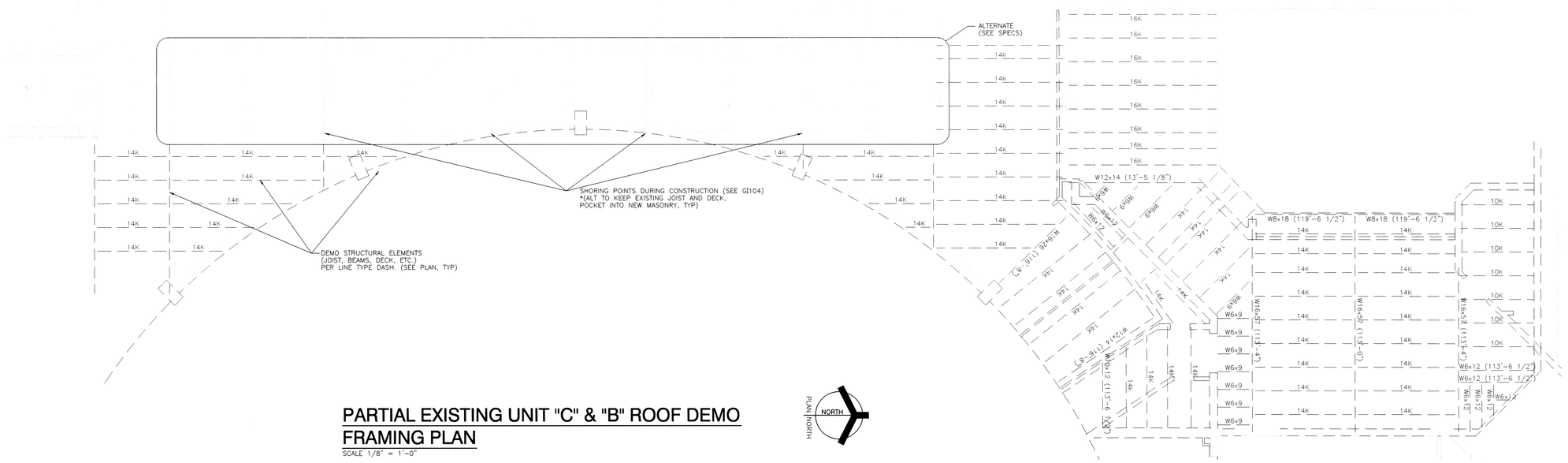

PARTIAL EXISTING UNIT "C" & "B" ROOF DEMO FRAMING PLAN

SCALE 1/8" = 1'-0"

PLAN NORTH

UNIT "D" ROOF FRAMING PLAN

SCALE 1/8" = 1'-0"

PLAN NORTH

FRAMING PLAN NOTES

1. SEE DRAWING S-001 FOR GENERAL NOTES, STRUCTURAL LEGEND, SCHEDULES AND TYPICAL DETAILS.
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3. SEE DRAWING S-302 THRU S-307 FOR STEEL FRAMING DETAILS.
4. ROOF AND FLOOR OPENINGS REQUIRED FRAMES. SEE S-001 GENERAL STEEL NOTES. RD, RV, RH AND FO INDICATES FRAME REQUIRED (SEE PLAN)
5. "TEMPORARY BRACING NEEDED UNTIL ROOF METAL DECK DIAPHRAGM INSTALLED."
6. FIELD CUT EXISTING BEAMS SUCH THAT 2'-0" (+/-) CANTILEVER REMAINS TO SUPPORT DECK W/ L6 (SEE 12A/S-307)

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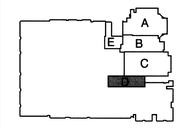

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ROGER W. MALONE
REGISTERED
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STATE OF INDIANA
PROFESSIONAL ENGINEER

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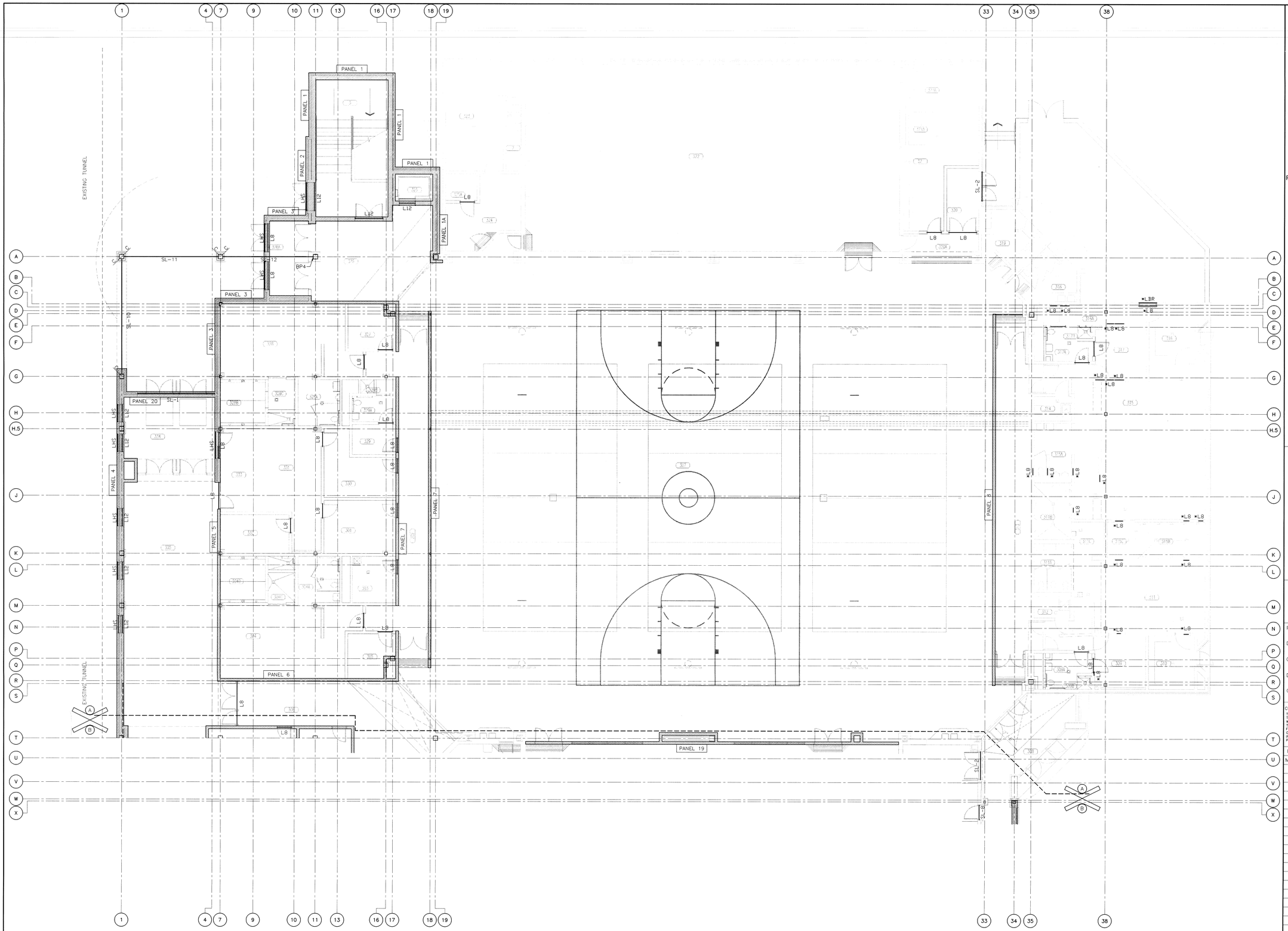

UNIT "A" FIRST FLOOR MASONRY PANEL REINFORCING/ LINTEL PLAN

SCALE 1/8" = 1'-0"

PLAN NORTH

MASONRY PANEL REINFORCING/LINTEL PLAN NOTES

1. SEE DRAWING S-001 FOR NOTES, SCHEDULES AND TYPICAL DETAILS.
2. SEE DRAWING S-303 FOR MASONRY WALL LINTEL DETAILS.
3. SEE DRAWING S-001 FOR MASONRY AND STEEL LINTEL SCHEDULES.
4. VERIFY ALL LINTEL OPENINGS AND ELEVATIONS WITH ARCHITECTURAL PLAN.
5. SL-? INDICATES SPECIAL LINTEL REQUIRED. SEE DRAWING S-001 FOR SPECIAL LINTEL SCHEDULE.
6. PANEL ? INDICATES MASONRY WALL PANEL. SEE DRAWING S-001 FOR MASONRY PANEL SCHEDULE AND REINFORCEMENT REQUIREMENTS.
7. FOR MULTI-SPAN CONTINUOUS LINTELS MAINTAIN 16" MINIMUM CMU BETWEEN OPENINGS UNLESS OTHERWISE NOTED.
8. * INDICATES LINTEL REQUIRED FOR MECHANICAL OPENING. COORDINATE SIZE AND LOCATION WITH DIVISION 15.

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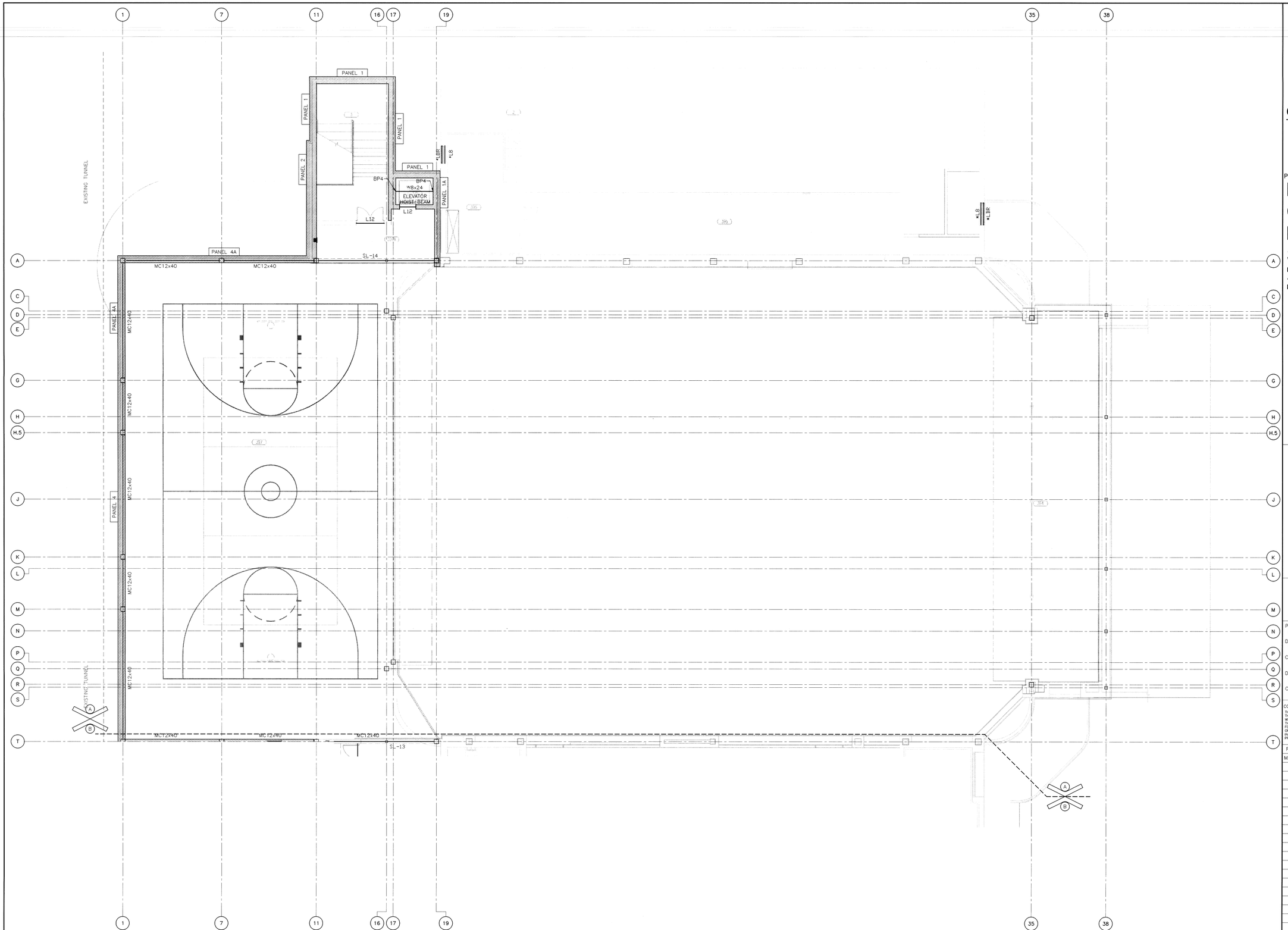

UNIT "A" SECOND FLOOR MASONRY PANEL REINFORCING/ LINTEL PLAN

SCALE 1/8" = 1'-0"

PLAN NORTH

MASONRY PANEL REINFORCING/LINTEL PLAN NOTES

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8. * INDICATES LINTEL REQUIRED FOR MECHANICAL OPENING. COORDINATE SIZE AND LOCATION WITH DIVISION 15.

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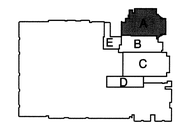

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ROGER W. MALONE REGISTERED NO. PE 19800200 STATE OF INDIANA

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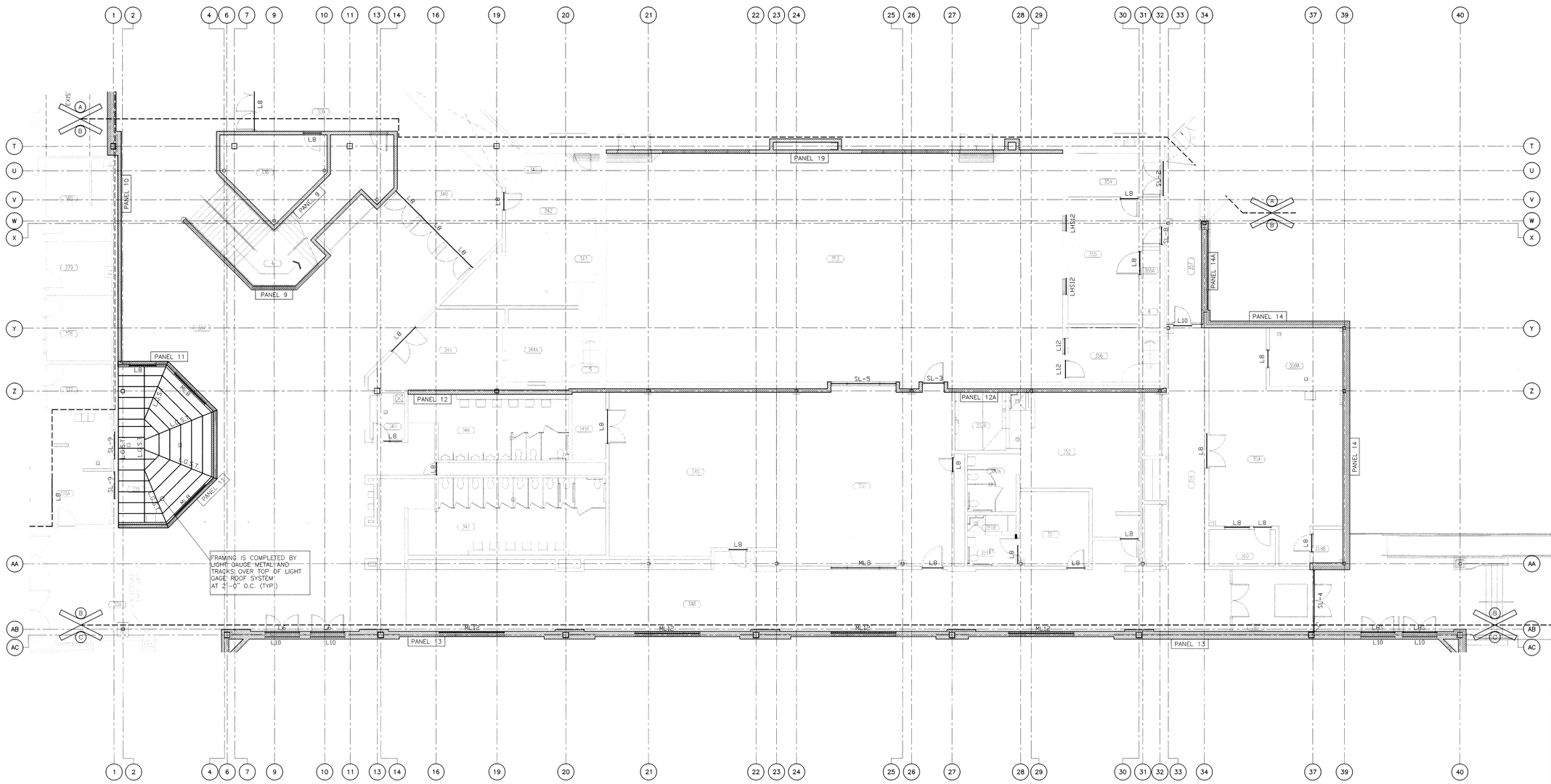

UNIT "B" FIRST FLOOR MASONRY PANEL REINFORCING/ LINTEL PLAN

SCALE 1/8" = 1'-0"

PLAN NORTH

MASONRY PANEL REINFORCING/LINTEL PLAN NOTES

1. SEE DRAWING S-001 FOR NOTES, SCHEDULES AND TYPICAL DETAILS.
2. SEE DRAWING S-303 FOR MASONRY WALL LINTEL DETAILS.
3. SEE DRAWING S-001 FOR MASONRY AND STEEL LINTEL SCHEDULES.
4. VERIFY ALL LINTEL OPENINGS AND ELEVATIONS WITH ARCHITECTURAL PLAN.
5. SL-? INDICATES SPECIAL LINTEL REQUIRED. SEE DRAWING S-001 FOR SPECIAL LINTEL SCHEDULE.
6. PANEL ? INDICATES MASONRY WALL PANEL. SEE DRAWING S-001 FOR MASONRY PANEL SCHEDULE AND REINFORCEMENT REQUIREMENTS.
7. FOR MULTI-SPAN CONTINUOUS LINTELS MAINTAIN 16" MINIMUM CMU BETWEEN OPENINGS UNLESS OTHERWISE NOTED.
8. * INDICATES LINTEL REQUIRED FOR MECHANICAL OPENING. COORDINATE SIZE AND LOCATION WITH DIVISION 15.
9. L.G.S.T. - INDICATES LIGHT GAUGE STEEL TRUSS SYSTEM REQUIRED. (SEE SPECIFICATION 05400)

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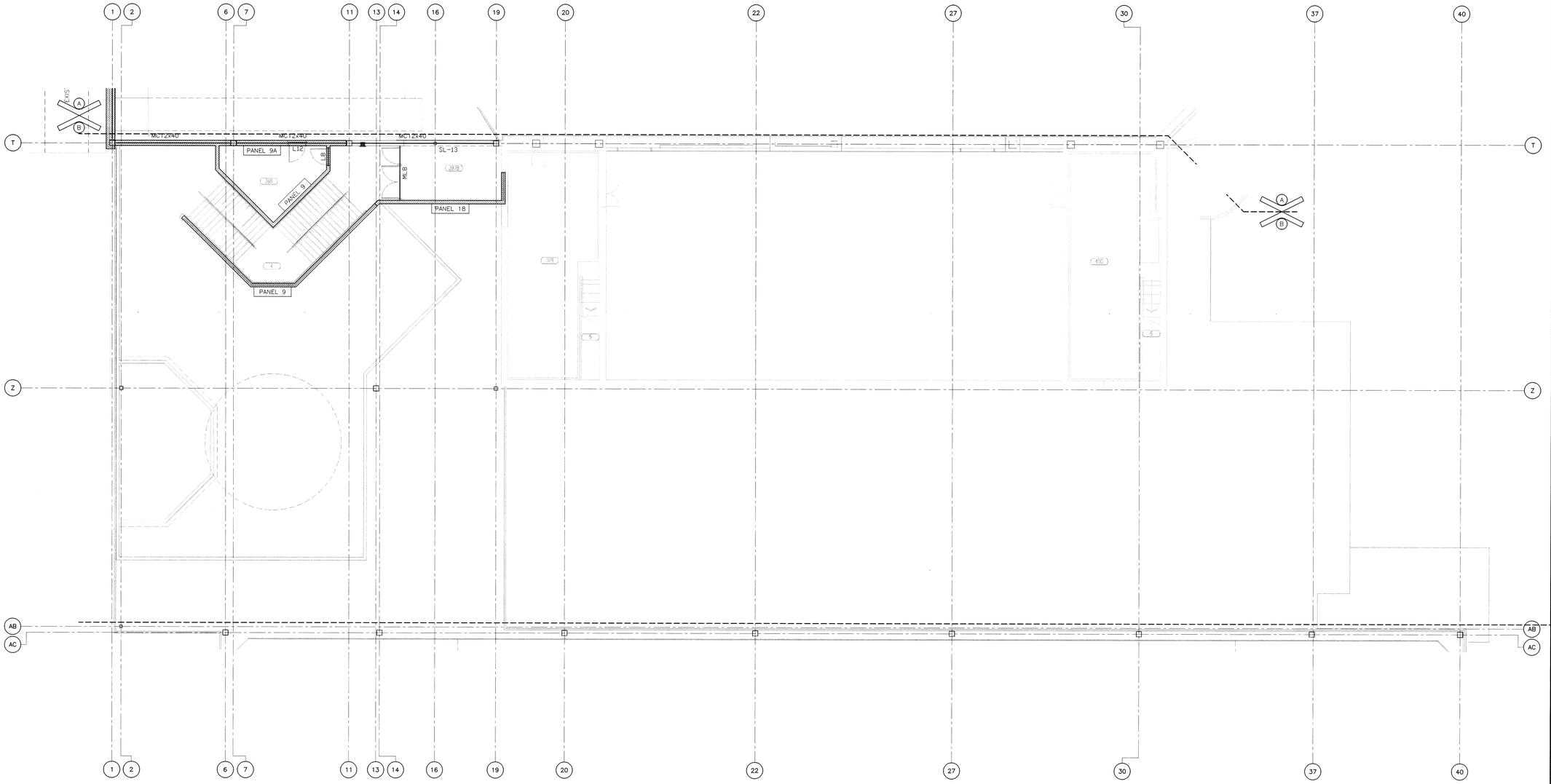

UNIT "B" SECOND FLOOR MASONRY PANEL REINFORCING/ LINTEL PLAN

SCALE 1/8" = 1'-0"

PLAN NORTH

MASONRY PANEL REINFORCING/LINTEL PLAN NOTES

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LAWRENCE CENTRAL HIGH SCHOOL
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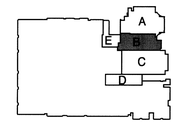

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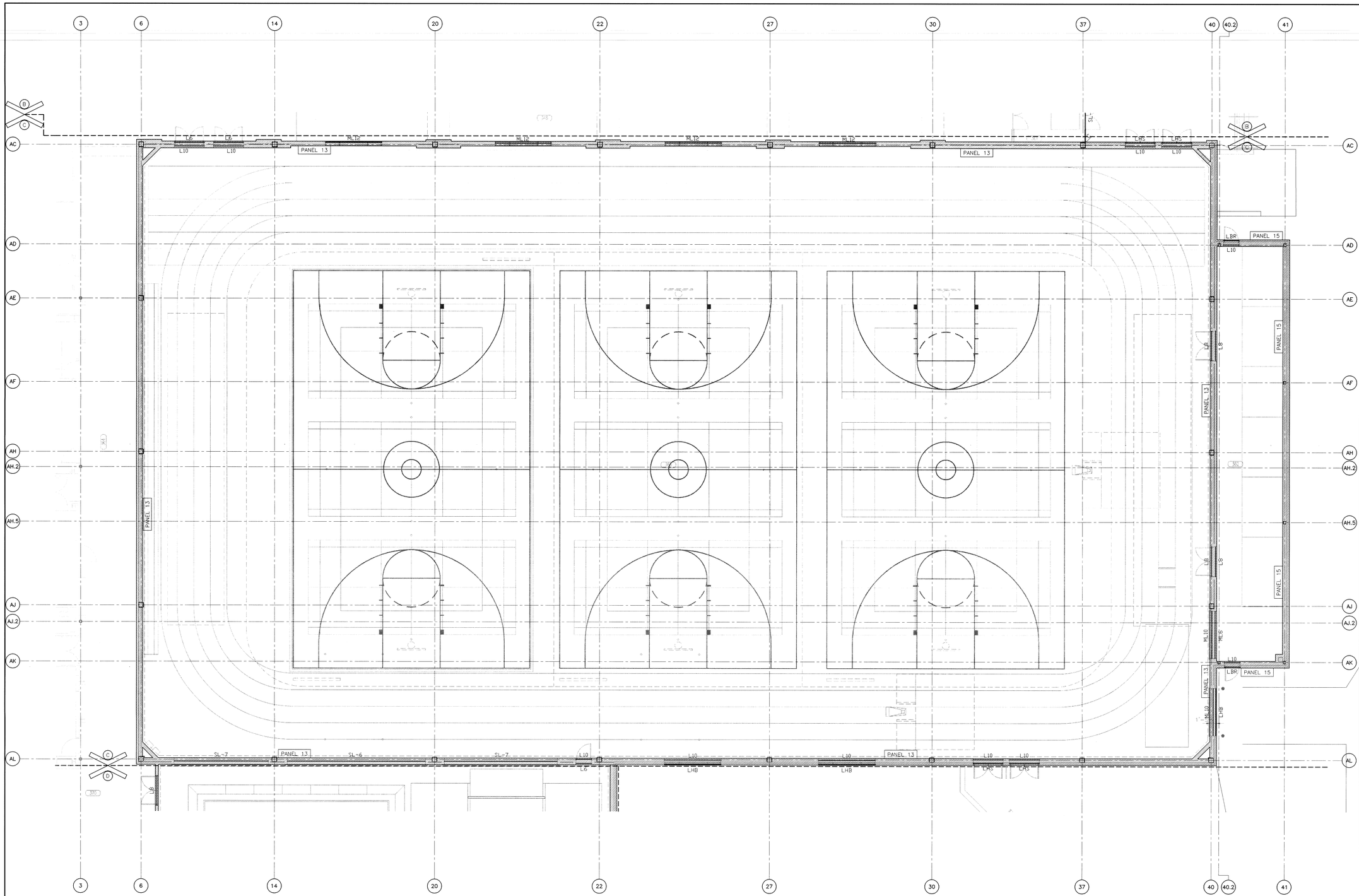

UNIT "C" MASONRY PANEL REINFORCING/ LINTEL PLAN

SCALE 1/8" = 1'-0"

PLAN NORTH

MASONRY PANEL REINFORCING/LINTEL PLAN NOTES

1. SEE DRAWING S-001 FOR NOTES, SCHEDULES AND TYPICAL DETAILS.
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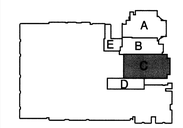

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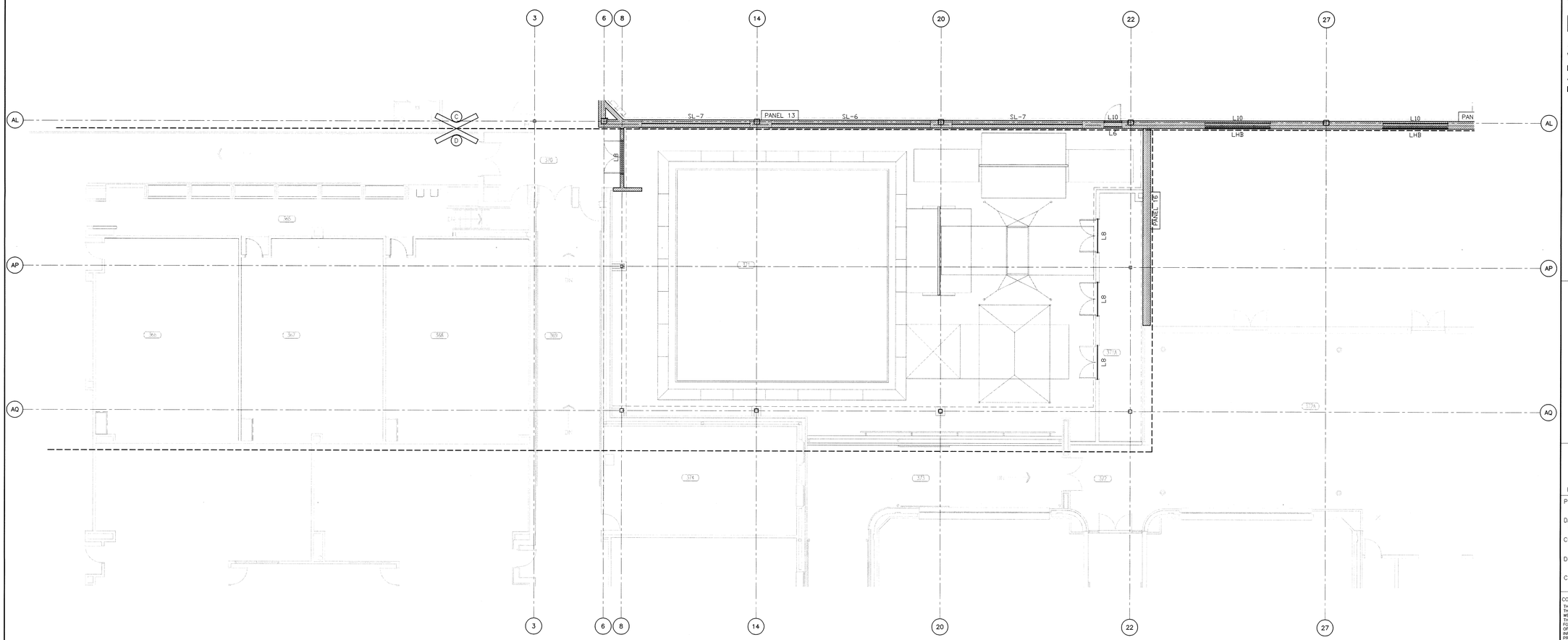

UNIT "D" MASONRY PANEL REINFORCING/ LINTEL PLAN

SCALE 1/8" = 1'-0"

PLAN NORTH

MASONRY PANEL REINFORCING/LINTEL PLAN NOTES

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8. * INDICATES LINTEL REQUIRED FOR MECHANICAL OPENING. COORDINATE SIZE AND LOCATION WITH DIVISION 15.

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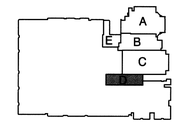

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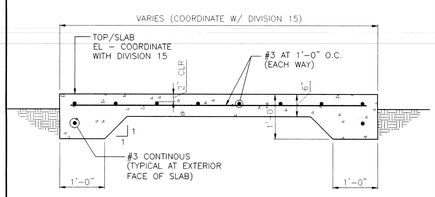
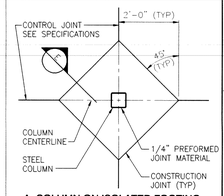
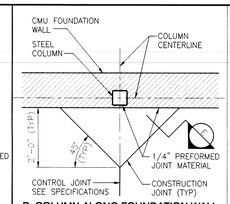


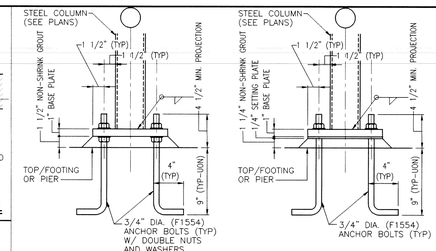
EXTERIOR EQUIPMENT PAD (18 / S-301)
SCALE: 3/4" = 1'-0"



A. COLUMN ON ISOLATED FOOTING

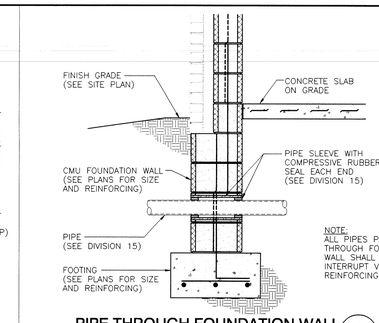


B. COLUMN ALONG FOUNDATION WALL

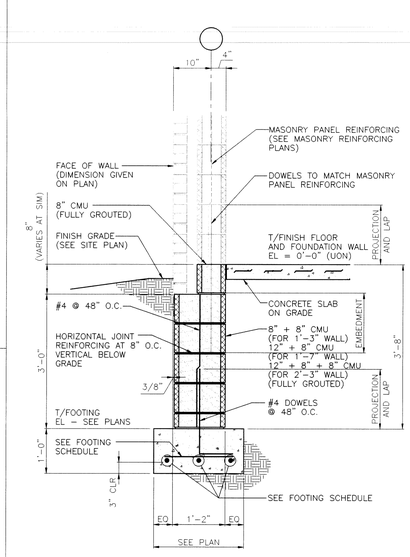


NOTES:
1. COAT WITH TAR ALL STEEL EXPOSED FROM TOP OF PIER/PAD TO FINISHED FLOOR LINE
2. GROUT BASE PLATE IMMEDIATELY AFTER STEEL FRAMING COMPLETED–DOUBLE NUT METHOD (SEE SPECIFICATIONS)

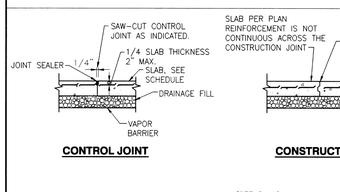
TYPICAL COLUMN BASE (CONTRACTORS OPTION) (10 / S-301)
SCALE: NTS

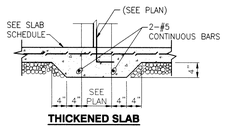


PIPE THROUGH FOUNDATION WALL (5 / S-301)
SCALE: 3/4" = 1'-0"



FOUNDATION WALL (1 / S-301)
SCALE: 3/4" = 1'-0"

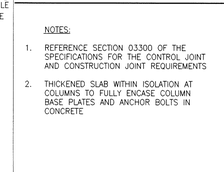




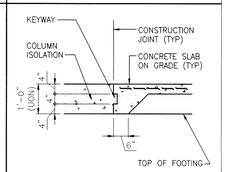
THICKENED SLAB

TYPICAL SLAB ON GRADE (19 / S-301)
SCALE: 3/4" = 1'-0"

NOTES:
1. REFERENCE SECTION 03300 OF THE SPECIFICATIONS FOR THE CONTROL JOINT AND CONSTRUCTION JOINT REQUIREMENTS
2. THICKENED SLAB WITHIN ISOLATION AT COLUMNS TO FULLY ENCASE COLUMN BASE PLATES AND ANCHOR BOLTS IN CONCRETE



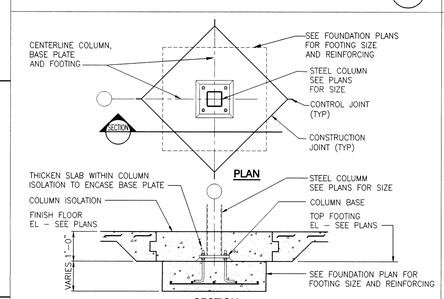
C. COLUMN AT OUTSIDE CORNER



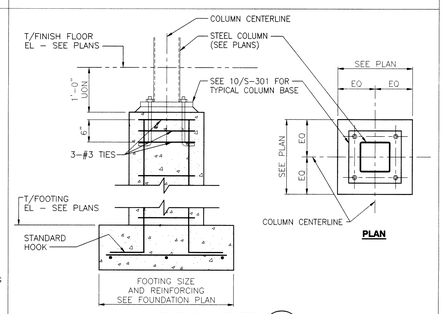
D. COLUMN AT INSIDE CORNER

E. CONSTRUCTION JOINT @ FOOTING

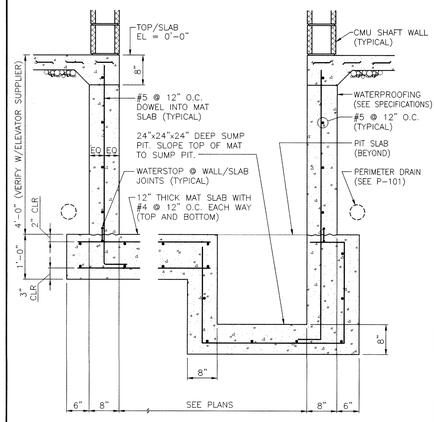
TYPICAL SLAB ISOLATION (15 / S-301)
SCALE: 1/2" = 1'-0"



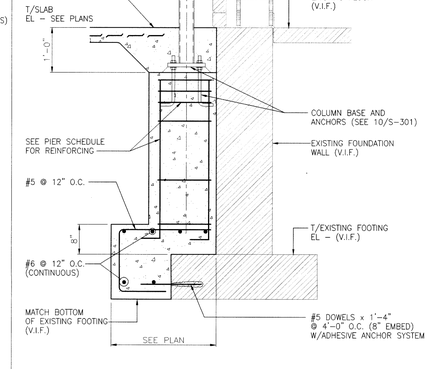
TYPICAL ISOLATED FOOTING (11 / S-301)
SCALE: NTS



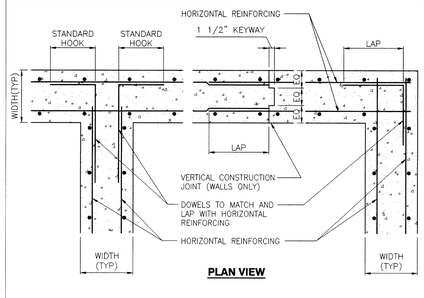
TYPICAL PIER (6 / S-301)
SCALE: 3/4" = 1'-0"



ELEVATOR PIT WITH SUMP PIT (20 / S-301)
SCALE: 3/4"=1'-0"

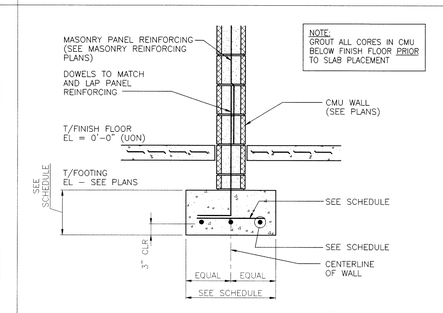


NEW FOOTING @ EXISTING (16 / S-301)
SCALE: 3/4" = 1'-0"



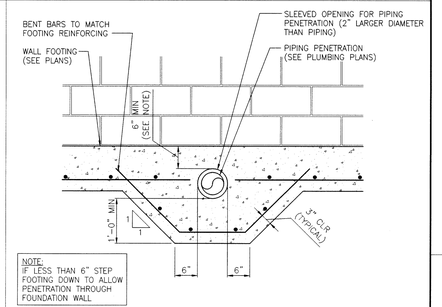
PLAN VIEW

TYPICAL CONCRETE REINFORCING (12 / S-301)
SCALE: 3/4" = 1'-0"



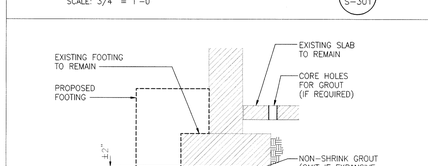
NOTE:
GROUT ALL CORES IN CMU BELOW FINISH FLOOR PRIOR TO SLAB PLACEMENT

INTERIOR FOUNDATION WALL (7 / S-301)
SCALE: 3/4" = 1'-0"

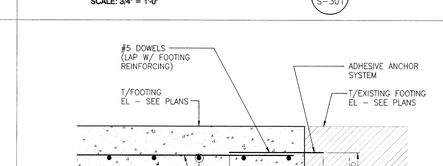


NOTE:
IF LESS THAN 6" STEP FOOTING DOWN TO ALLOW PENETRATION THROUGH FOUNDATION WALL

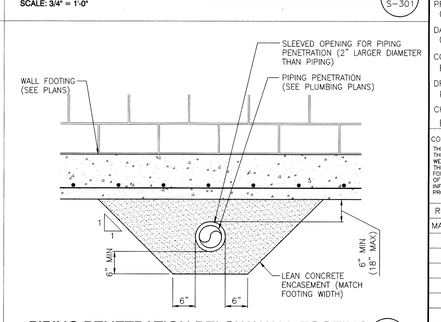
PIPING PENETRATION THROUGH WALL FOOTING (2 / S-301)
SCALE: 3/4" = 1'-0"



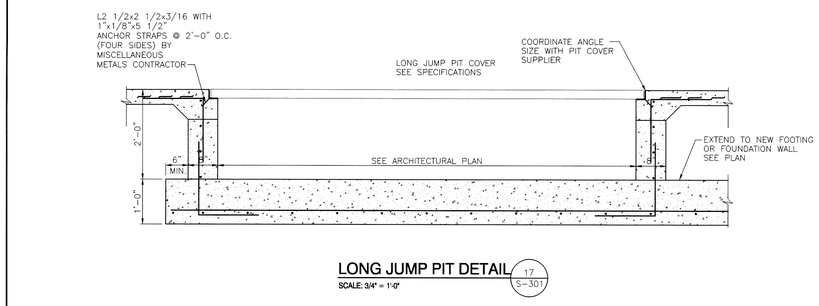
FOUNDATION UNDERPINNING (13 / S-301)
SCALE: 3/4" = 1'-0"



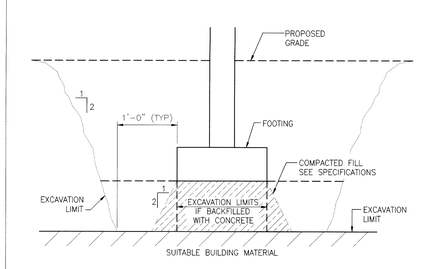
FOOTING AT EXISTING (8 / S-301)
SCALE: 3/4" = 1'-0"



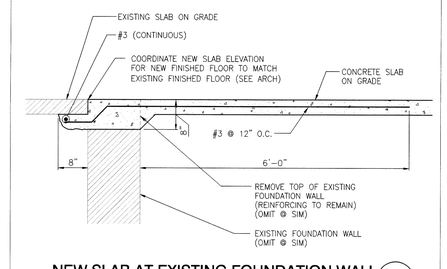
PIPING PENETRATION BELOW WALL FOOTING (3 / S-301)
SCALE: 3/4" = 1'-0"



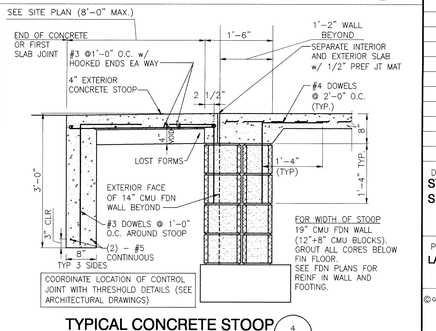
LONG JUMP PIT DETAIL (17 / S-301)
SCALE: 3/4" = 1'-0"



TYPICAL UNDERCUTTING DETAIL (14 / S-301)
SCALE: 3/4" = 1'-0"



NEW SLAB AT EXISTING FOUNDATION WALL (9 / S-301)
SCALE: NTS



TYPICAL CONCRETE STOOP (4 / S-301)
SCALE: 3/4" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY RM
DRAWN BY KW
CHECKED BY RM

ROGER MALONE REGISTERED NO. PE 19800200 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR

DRAWING
STRUCTURAL
SECTIONS AND DETAILS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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SHEET
S-301

Mon, 3/19/2007 - 8:26 am
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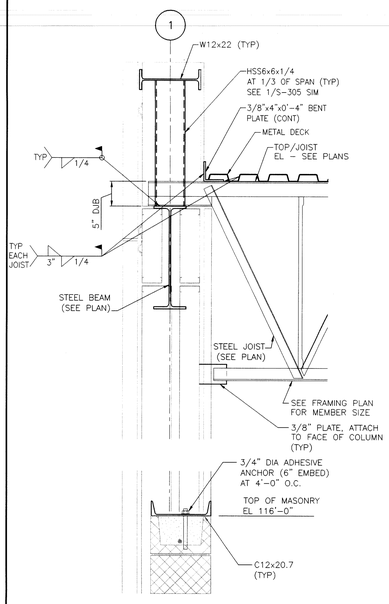
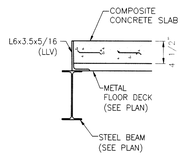
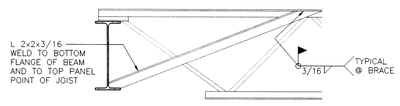


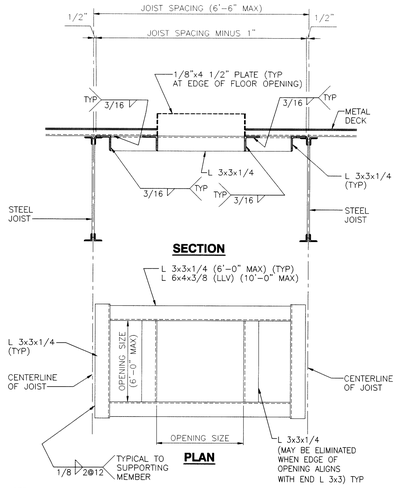
FRAMING SECTION 18 S-302
SCALE: 1" = 1'-0"



FRAMING SECTION 13 S-302
SCALE: 1" = 1'-0"



ANGLE BRACE 8 S-302
SCALE: 1" = 1'-0"



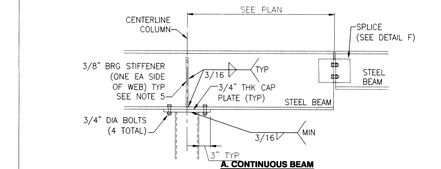
NOTE:

FRAMES REQUIRED FOR HVAC EQUIPMENT. FINAL OPENING SIZE AND LOCATION TO BE DETERMINED FROM THE HVAC APPROVED SHOP DRAWINGS AND VERIFIED IN THE FIELD.

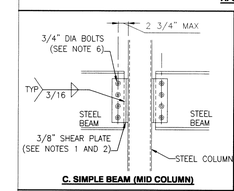
MAXIMUM LOAD 800 POUNDS

IN ADDITION TO OPENING FRAMES SHOWN ON DRAWINGS FURNISH AND INSTALL 10 ADDITIONAL FRAMES TO BE LOCATED BY THE ARCHITECT DURING CONSTRUCTION.

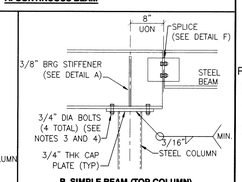
TYPICAL OPENING FRAME (RD) (RO) (FO) 4 S-302
SCALE: 1" = 1'-0"



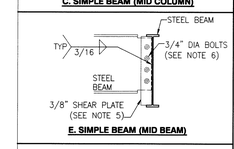
A. CONTINUOUS BEAM



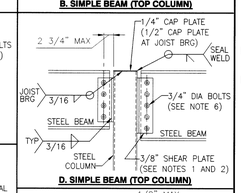
C. SIMPLE BEAM (MID COLUMN)



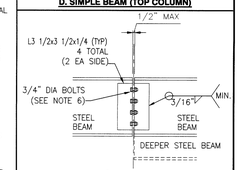
B. SIMPLE BEAM (TOP COLUMN)



E. SIMPLE BEAM (MID BEAM)



D. SIMPLE BEAM (TOP COLUMN)



F. TYPICAL BEAM SPLICE

BEAM CONT AT COLUMN (DETAIL A)

TYP BEAM AT COLUMN (DETAIL B)

BEAM TO SIDE OF COLUMN (DETAIL C OR D)

PLAN LEGEND

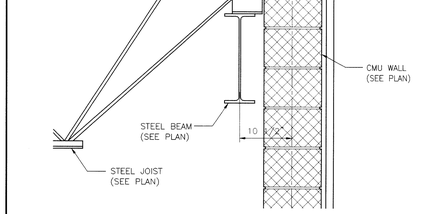
NOTES:

1. WT-SHAPE (WELD ALL AROUND PER STRUCTURAL WELDING CODE, AWS D1.1)

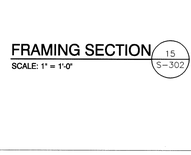
HSS4-WT4x6.5	HSS8-WT4x14
HSS6-WT4x6.5	HSS10-WT5x22.5
HSS7-WT4x10.5	HSS12-WT6x26.5

2. SHEAR PLATES WELDED TO FACE OF COLUMN MAY BE USED IN LIEU OF WT FOR COLUMNS WITH WALL THICKNESS OF 1/2" OR GREATER. SHEAR PLATES TO BE 5/8" THICK FOR W27 BEAMS AND LARGER.
3. EXTEND DEEPER BEAM OVER TOP OF COLUMNS AND FRAME OTHER MEMBERS INTO IT UNLESS OTHERWISE NOTED.
4. AT CORNERS OR END WALLS USE 2 BOLTS AND EXTEND BEAM AND CAP PLATE 1/2" BEYOND EXTERIOR FACE OF COLUMN.
5. SHEAR PLATES WELDED TO WEB OF BEAM TO BE 5/8" THICK FOR W27 BEAMS AND LARGER.
6. DESIGN CONNECTIONS IN ACCORDANCE WITH AISC FOR REACTIONS INDICATED ON PLANS UNLESS OTHERWISE NOTED. WHERE REACTIONS ARE NOT SHOWN, THE CONNECTION SHALL BE DESIGNED FOR THE 50% OF THE TOTAL ALLOWABLE UNIFORM LOAD ON THE SPAN PER THE LATEST EDITION OF THE ASIC MANUAL.
7. DOUBLE ANGLES MAY BE USED IN LIEU OF WT AND SHEAR PLATES. (MINIMUM THICKNESS OF ANGLES SHALL BE 1/4" AND OUTSTANDING LEG SHALL BE 3 1/2" MINIMUM).

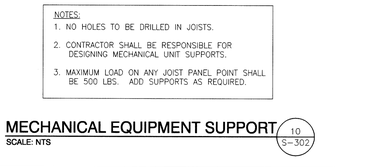
TYPICAL STEEL FRAMING DETAILS 1 S-302
SCALE: NTS



FRAMING SECTION 19 S-302
SCALE: 1" = 1'-0"



FRAMING SECTION 15 S-302
SCALE: 1" = 1'-0"

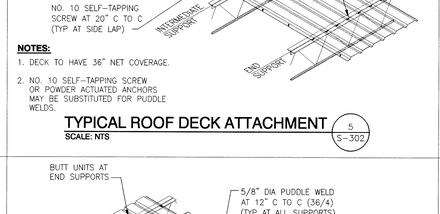


NOTES:
1. NO HOLES TO BE DRILLED IN JOISTS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING MECHANICAL UNIT SUPPORTS.
3. MAXIMUM LOAD ON ANY JOIST PANEL POINT SHALL BE 500 LBS. ADD SUPPORTS AS REQUIRED.

MECHANICAL EQUIPMENT SUPPORT 10 S-302
SCALE: NTS

TYPICAL EDGE SUPPORTS

1. ANGLE AT ADJACENT WALL.
2. ANGLE OR BENT PLATE AT EAVE.

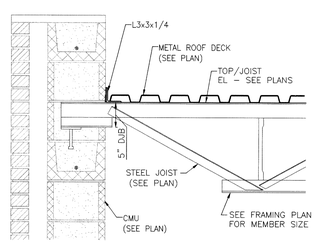


NOTES:

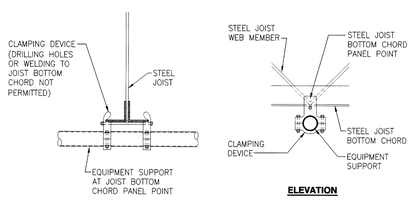
1. DECK TO HAVE 36" NET COVERAGE.
2. NO. 10 SELF-TAPPING SCREW OR POWDER ACTUATED ANCHORS MAY BE SUBSTITUTED FOR PUDDLE WELDS.

TYPICAL ROOF DECK ATTACHMENT 5 S-302
SCALE: NTS

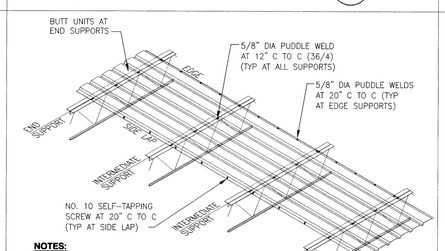
FRAMING SECTION 20 S-302
SCALE: 1" = 1'-0"



FRAMING SECTION 16 S-302
SCALE: 1" = 1'-0"



EQUIPMENT SUPPORT 11 S-302
SCALE: 1 1/2" = 1'-0"



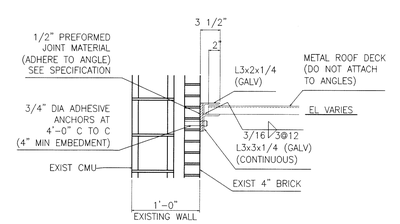
NOTES:

1. DECK TO HAVE 36" NET COVERAGE.
2. NO. 10 SELF-TAPPING SCREW OR POWDER ACTUATED ANCHORS MAY BE SUBSTITUTED FOR PUDDLE WELDS.

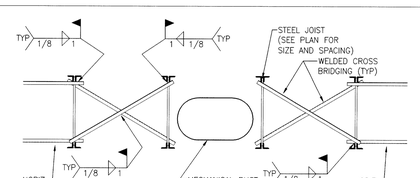
TYPICAL EDGE SUPPORTS

1. ANGLE OR BENT PLATE AT ADJACENT WALL.
2. ANGLE OR BENT PLATE AT EDGE OF SLAB.

TYPICAL COMPOSITE FLOOR DECK ATTACHMENT 6 S-302
SCALE: NTS

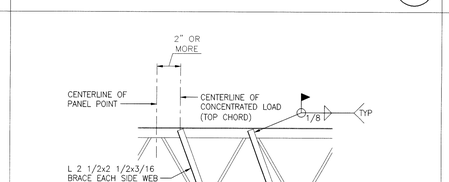


ROOF DECK SUPPORT AT EXISTING 2 S-302
SCALE: NTS



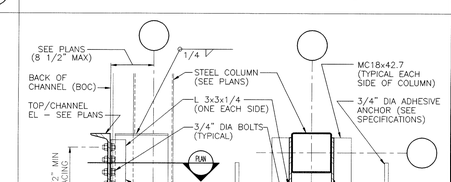
NOTES
1. COORDINATE WITH JOIST FABRICATOR FOR SIZE OF CROSS BRIDGING.
2. BRIDGING CAN NOT BE REMOVED IN TWO CONSECUTIVE SPACES.
3. VERIFY WITH ARCHITECT/ENGINEER PRIOR TO REMOVAL OF BRIDGING.

BRIDGING AT MECHANICAL EQUIPMENT 12 S-302
SCALE: NTS



INSTALLATION OF BRACES SHALL BE APPROVED BY JOIST SUPPLIER.

JOIST REINFORCEMENT AT CONCENTRATED LOAD 7 S-302
SCALE: NTS



CHANNEL DEPTH	MIN NUMBER OF BOLTS*
18	6
15	4
12	3
10	3

* EACH SIDE OF COLUMN

EXTERIOR CHANNEL FRAMING 3 S-302
SCALE: 1" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK

MSD OF LAWRENCE TOWNSHIP

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9102 N. Meridian St., Ste. 300
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PROJECT 06-612
DATE 03/19/07
COORDINATED BY RM
DRAWN BY KW
CHECKED BY RM

ROGER W. MAINE REGISTERED NO. PE 19800200 STATE OF INDIANA

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REVISIONS

MARK	DATE	ISSUED FOR

DRAWING
STRUCTURAL
SECTIONS AND DETAILS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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S-302

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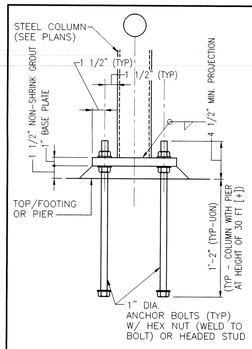
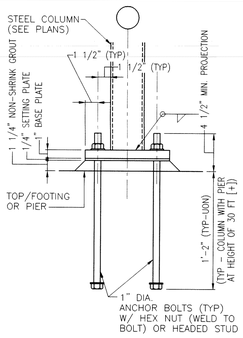


DOUBLE NUT METHOD

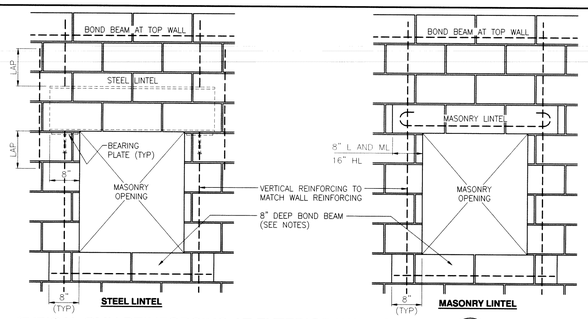


SETTING PLATE METHOD

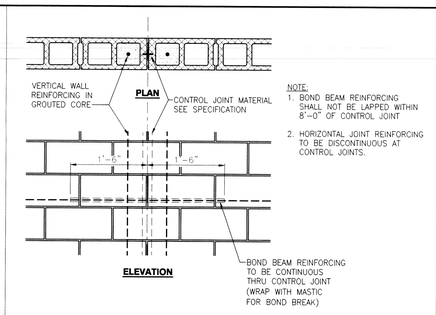
NOTE:
COAT WITH TAR ALL STEEL EXPOSED FROM TOP OF PIER/PAD TO FINISHED FLOOR LINE

TYPICAL COLUMN BASE
SCALE: NTS — 14 / S-303

NOTES:
1. COORDINATE ELEVATIONS WITH ARCHITECTURAL SILL DETAILS.
2. OMIT FOR OPENINGS 4'-0" OR LESS.
3. OMIT AT DOOR OPENINGS.



TYPICAL CMU REINFORCING AT EXTERIOR WALL OPENING
SCALE: NTS — 8 / S-303



NOTE:
1. BOND BEAM REINFORCING SHALL NOT BE LAPPED WITHIN 8'-0" OF CONTROL JOINT
2. HORIZONTAL JOINT REINFORCING TO BE DISCONTINUOUS AT CONTROL JOINTS.

TYPICAL CMU CONTROL JOINT
SCALE: NTS — 4 / S-303

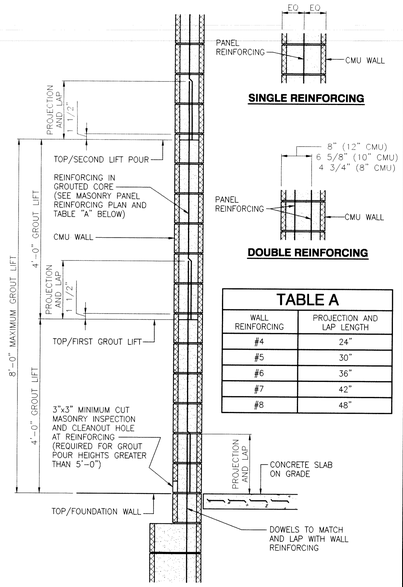
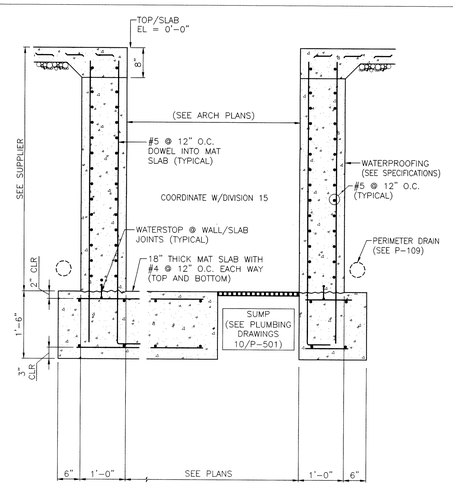


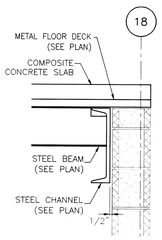
TABLE A	
WALL REINFORCING	PROJECTION AND LAP LENGTH
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"

NOTES:
1. SEE MASONRY PANEL SCHEDULE FOR REINFORCING REQUIREMENTS. MULTI-WYTHE WALLS MAY REQUIRE REINFORCING IN EACH WYTHE.
2. PROVIDE SEISMIC WALL REINFORCING (#5 @ 48") FOR ALL MASONRY WALLS WHICH SUPPORT ROOF DECK FRAMING OF DECK (UON).

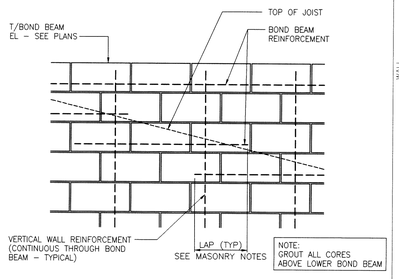
TYPICAL REINFORCED CMU WALL
SCALE: 3/4" = 1'-0" — 1 / S-303



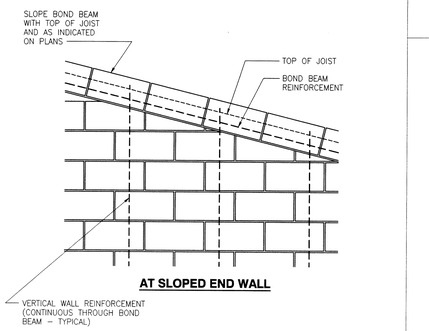
GYMNASTICS PIT WITH SUMP PIT
SCALE: 3/4"=1'-0" — 15 / S-303



FRAMING SECTION
SCALE: 1" = 1'-0" — 11 / S-303

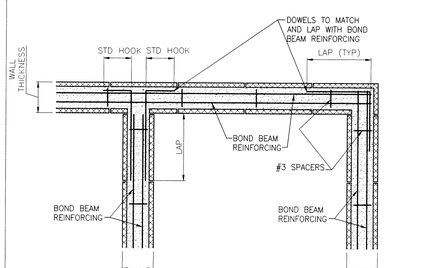


AT PARAPET WALL

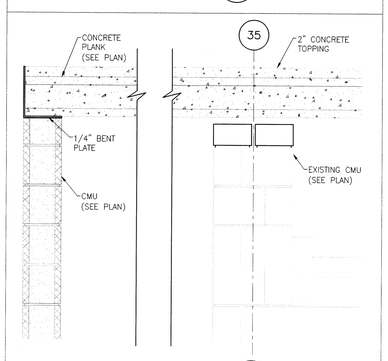


AT SLOPED END WALL

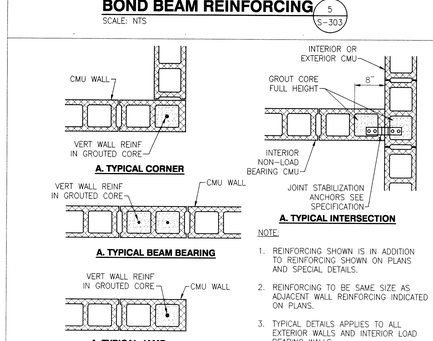
SLOPPED BOND BEAM DETAIL
SCALE: NTS — 9 / S-303



BOND BEAM REINFORCING
SCALE: NTS — 5 / S-303

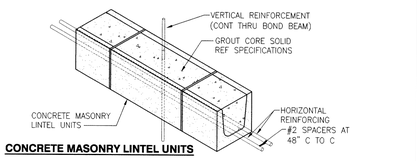


FRAMING SECTION
SCALE: 1" = 1'-0" — 12 / S-303

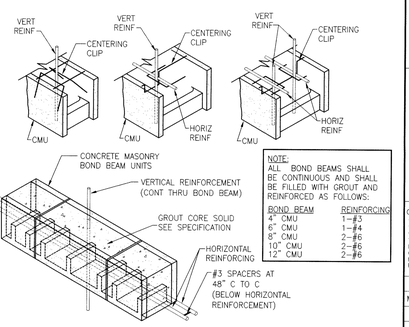


NOTE:
1. REINFORCING SHOWN IS IN ADDITION TO REINFORCING SHOWN ON PLANS AND SPECIAL DETAILS.
2. REINFORCING TO BE SAME SIZE AS ADJACENT WALL REINFORCING INDICATED ON PLANS.
3. TYPICAL DETAILS APPLIES TO ALL EXTERIOR WALLS AND INTERIOR LOAD BEARING WALLS.

TYPICAL VERTICAL CMU WALL REINFORCING
SCALE: NTS — 6 / S-303



CONCRETE MASONRY LINTEL UNITS

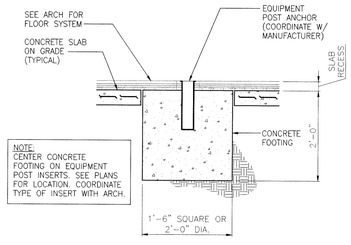


NOTE:
ALL BOND BEAMS SHALL BE CONTINUOUS AND SHALL BE FILLED WITH GROUT AND REINFORCED AS FOLLOWS:

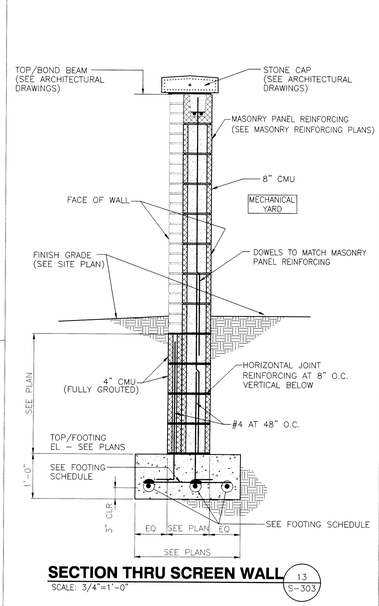
BOND BEAM	REINFORCING
4" CMU	1–#3
6" CMU	1–#4
8" CMU	2–#6
10" CMU	2–#6
12" CMU	2–#6

CONCRETE MASONRY BOND BEAM UNITS

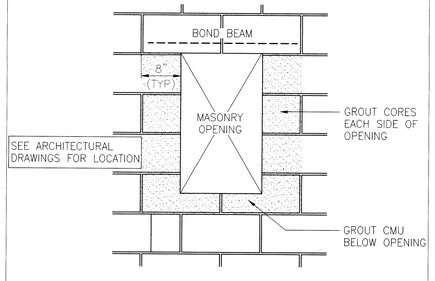
TYPICAL CMU BOND BEAM
SCALE: NTS — 2 / S-303



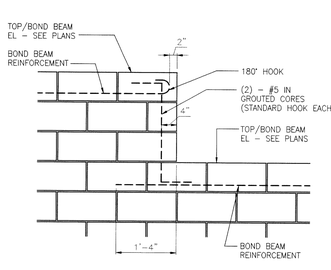
EQUIPMENT POST ANCHOR DETAIL
SCALE: 3/4" = 1'-0" — 16 / S-303



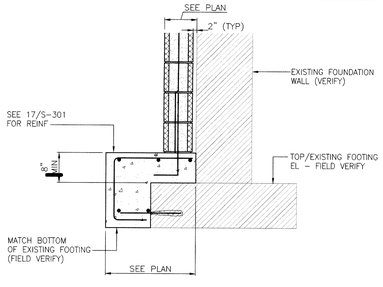
SECTION THRU SCREEN WALL
SCALE: 3/4"=1'-0" — 13 / S-303



OPENING@ FIRE EXTINGUISHER
SCALE: 1" = 1'-0" — 10 / S-303



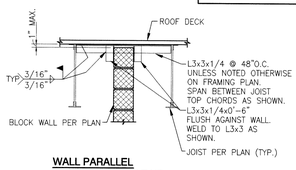
STEPPED BOND BEAM DETAIL
SCALE: NTS — 7 / S-303



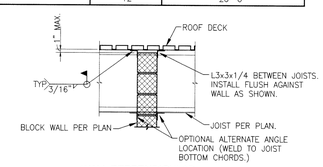
NEW MASONRY WALL ADJACENT TO EXISTING WALL
SCALE: 3/4"=1'-0" — 17 / S-303

NOTE:
PROVIDE BRACING AS SHOWN @ 8'-0" OC FOR ALL NON-LOADBEARING BLOCK PARTITION WALLS AT ALL LOCATIONS WHERE THE DISTANCE BETWEEN INTERSECTING BLOCK WALLS EXCEEDS THE MAXIMUM DISTANCE INDICATED IN THE TABLE AT RIGHT.

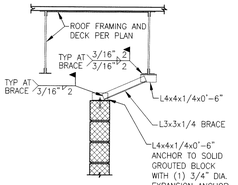
BLOCK WIDTH	MAXIMUM DISTANCE BETWEEN INTERSECTING BLOCK WALLS
6"	14'–0"
8"	19'–0"
10"	22'–0"
12"	26'–0"



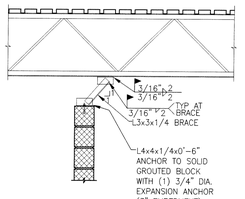
WALL PARALLEL TO FRAMING BUILT UP TO BOTTOM OF DECK



WALL PERPENDICULAR TO FRAMING BUILT UP TO BOTTOM OF DECK



WALL PARALLEL TO FRAMING STOPPING BELOW BOTTOM OF DECK



WALL PERPENDICULAR TO FRAMING STOPPING BELOW BOTTOM OF DECK

TYPICAL NON-LOAD BEARING PARTITION WALL BRACING DETAILS
SCALE: NTS — 3 / S-303

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY RM
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ROGER W. LONG REGISTERED NO. PE 19800200 STATE OF INDIANA

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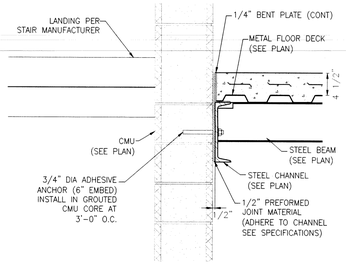
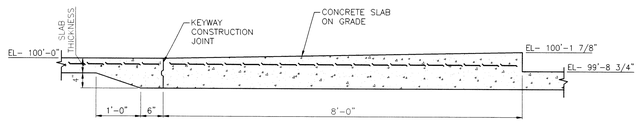
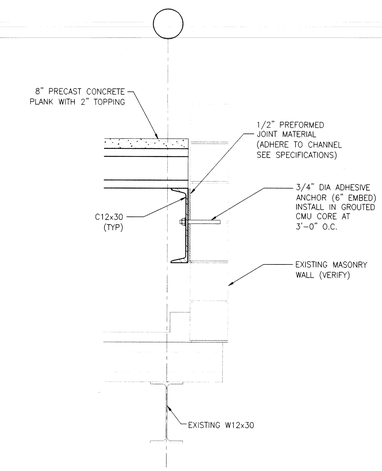


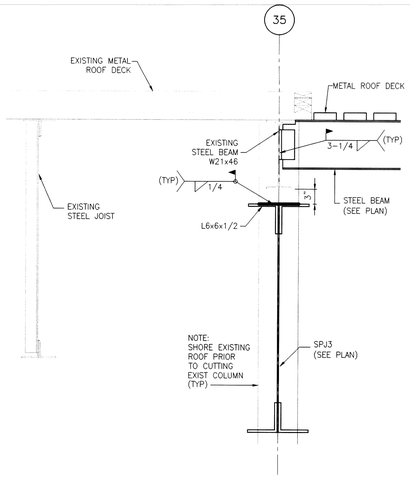
FRAMING SECTION
SCALE: 1" = 1'-0"
11 / S-304



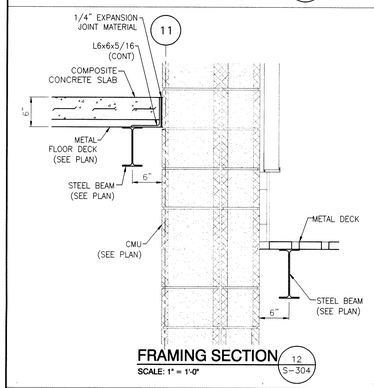
SLOPED CONCRETE SLAB
SCALE: 3/4" = 1'-0"



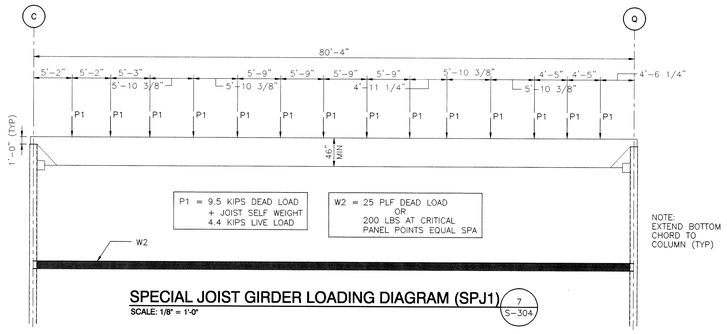
FRAMING SECTION
SCALE: 1" = 1'-0"
4 / S-304



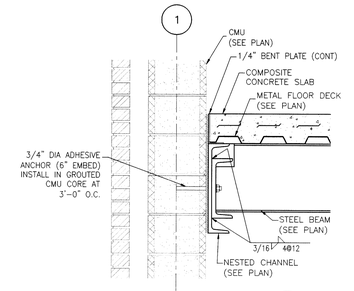
FRAMING SECTION
SCALE: 1" = 1'-0"
1 / S-304



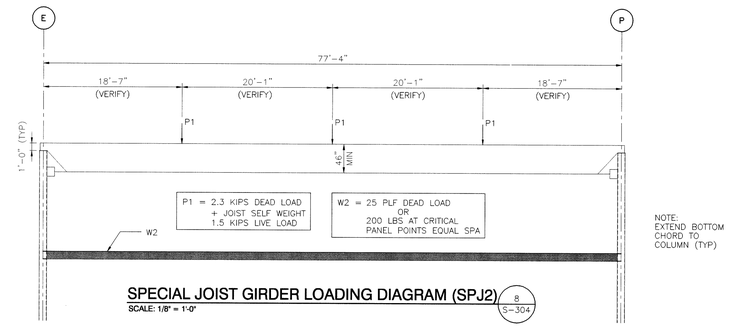
FRAMING SECTION
SCALE: 1" = 1'-0"
12 / S-304



SPECIAL JOIST GIRDER LOADING DIAGRAM (SPJ1)
SCALE: 1/8" = 1'-0"
7 / S-304



FRAMING SECTION
SCALE: 1" = 1'-0"
13 / S-304



SPECIAL JOIST GIRDER LOADING DIAGRAM (SPJ2)
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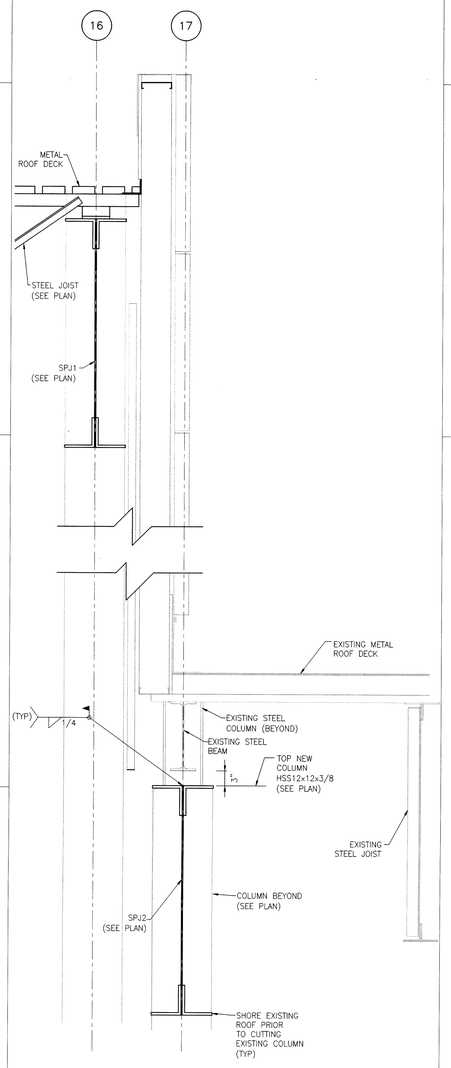
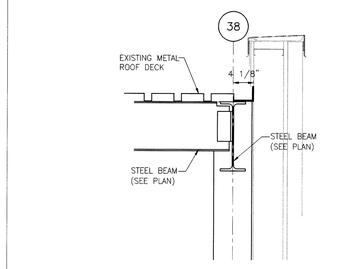
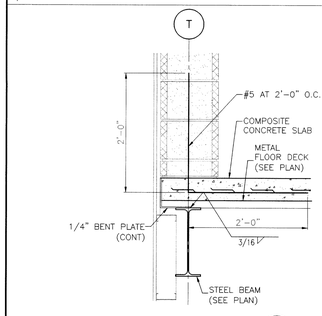
8 / S-304



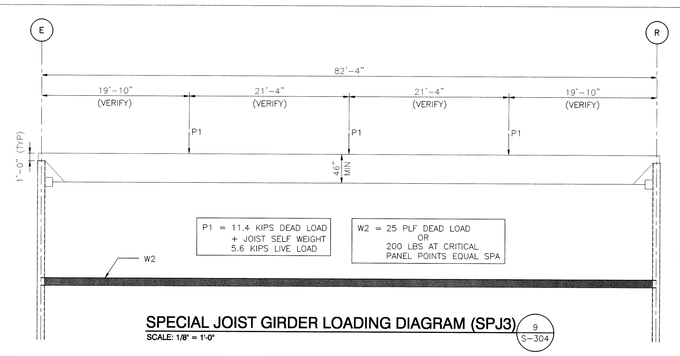
FRAMING SECTION
SCALE: 1" = 1'-0"
5 / S-304



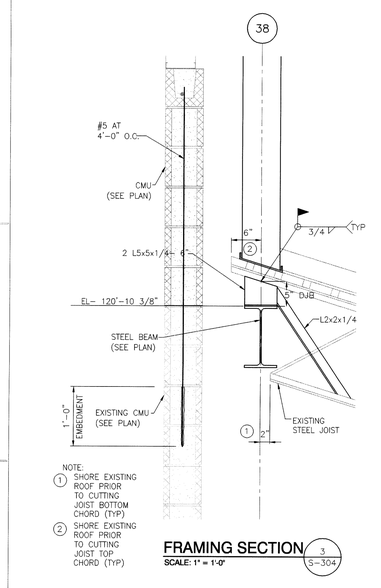
FRAMING SECTION
SCALE: 1" = 1'-0"
2 / S-304



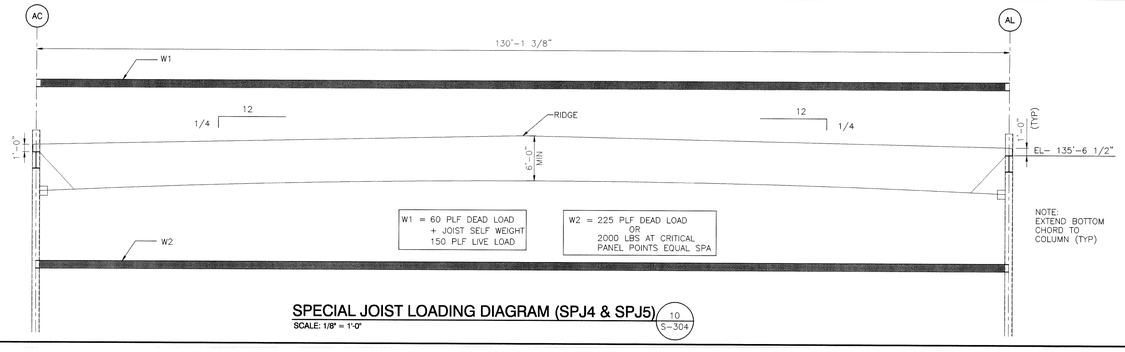
FRAMING SECTION
SCALE: 1" = 1'-0"
14 / S-304



SPECIAL JOIST GIRDER LOADING DIAGRAM (SPJ3)
SCALE: 1/8" = 1'-0"
9 / S-304



FRAMING SECTION
SCALE: 1" = 1'-0"
3 / S-304



SPECIAL JOIST LOADING DIAGRAM (SPJ4 & SPJ5)
SCALE: 1/8" = 1'-0"
10 / S-304

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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY RM
DRAWN BY KW
CHECKED BY RM

ROGER MALONE REGISTERED NO. PE 19800200 STATE OF INDIANA

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MARK	DATE	ISSUED FOR

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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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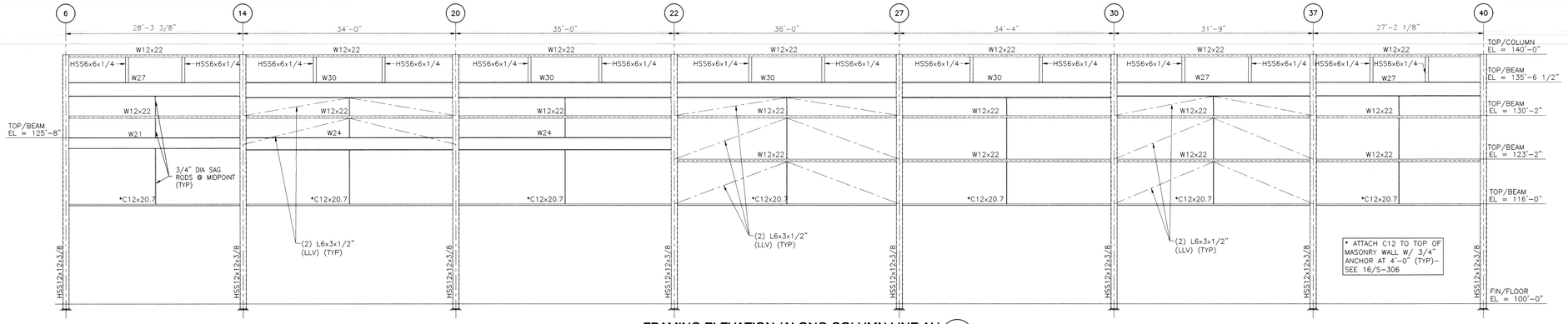
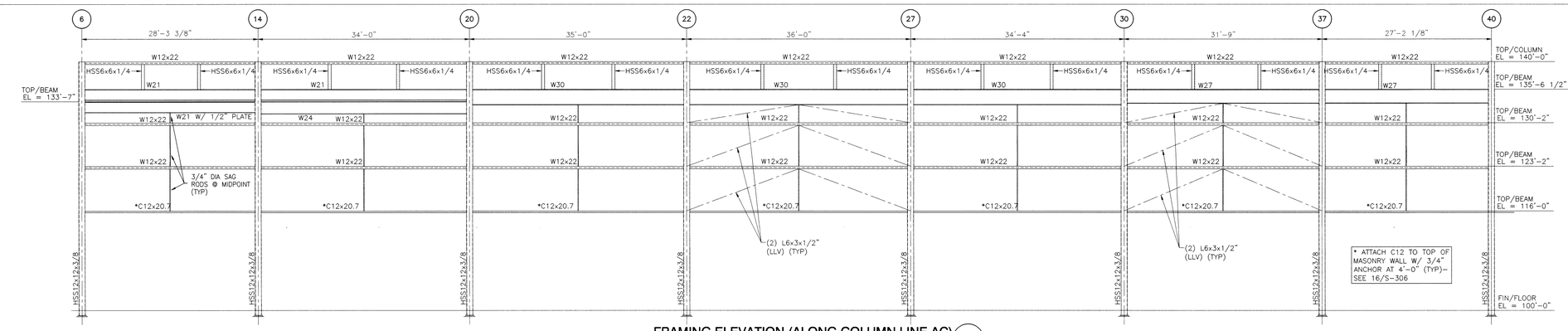


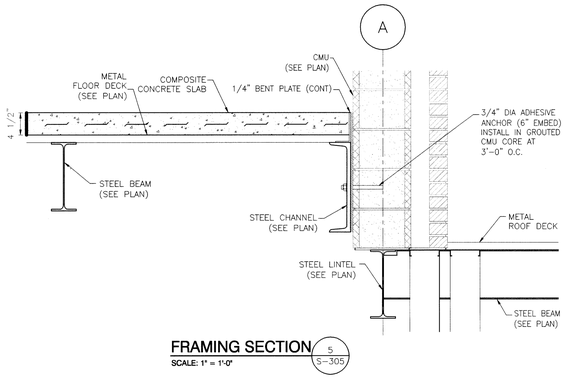
FRAMING ELEVATION (ALONG COLUMN LINE AL)

SCALE: 1/8" = 1'-0" (UNIT C) — 1 / S-305



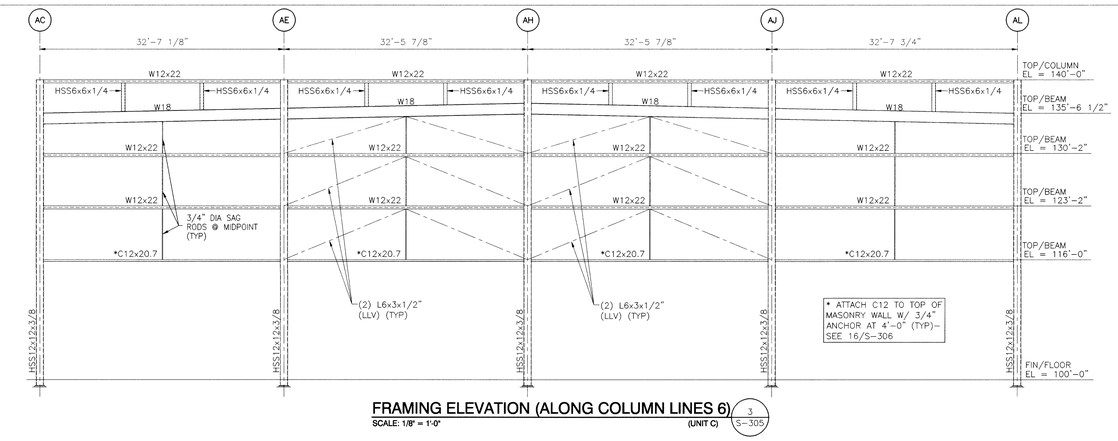
FRAMING ELEVATION (ALONG COLUMN LINE AC)

SCALE: 1/8" = 1'-0" (UNIT C) — 2 / S-305



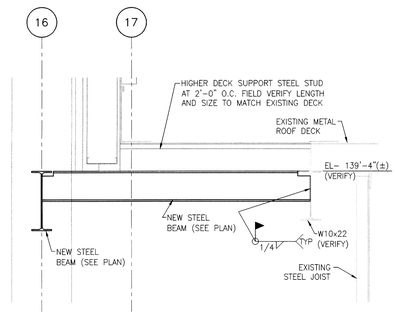
FRAMING SECTION

SCALE: 1" = 1'-0" — 5 / S-305



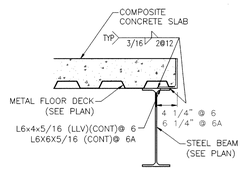
FRAMING ELEVATION (ALONG COLUMN LINES 6)

SCALE: 1/8" = 1'-0" (UNIT C) — 3 / S-305



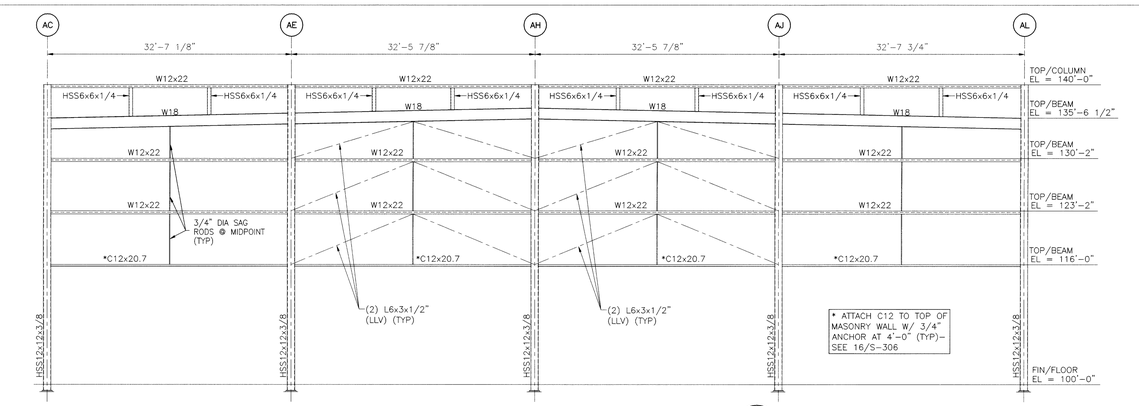
FRAMING SECTION

SCALE: 1" = 1'-0" — 7 / S-305



FRAMING SECTION

SCALE: 1" = 1'-0" — 6 / S-305, 6A / S-305



FRAMING ELEVATION (ALONG COLUMN LINES 40)

SCALE: 1/8" = 1'-0" (UNIT C) — 4 / S-305

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PROJECT

LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK

MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612

DATE 03/19/07

COORDINATED BY RM

DRAWN BY KW

CHECKED BY RM

ROGER MALONE REGISTERED NO. PE 19800200 STATE OF INDIANA PROFESSIONAL ENGINEER

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LAWRENCE CENTRAL HIGH SCHOOL

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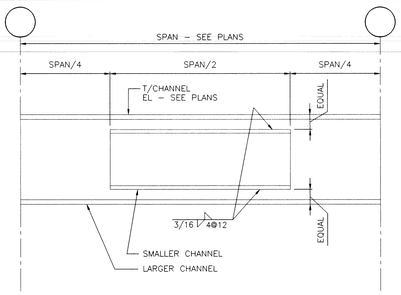
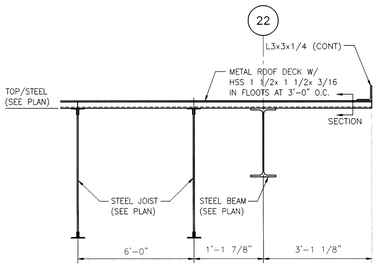
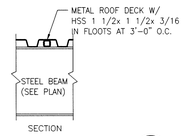
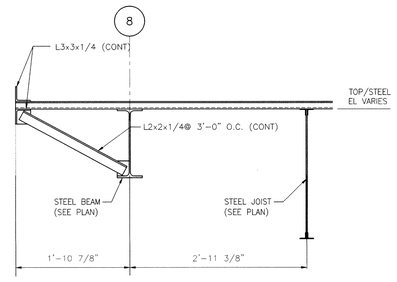


TYPICAL NESTED CHANNEL (NC) 18 / S-306
SCALE: 3/4"=1'-0"

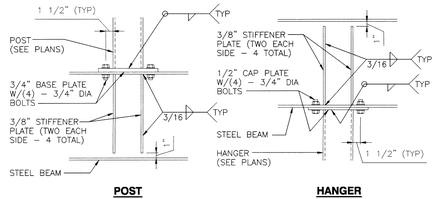




FRAMING SECTION 19 / S-306
SCALE: 1" = 1'-0"



FRAMING SECTION 20 / S-306
SCALE: 1" = 1'-0"

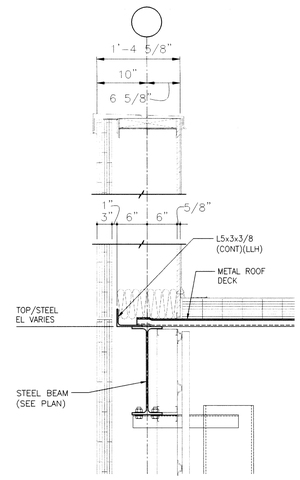


POST **HANGER**

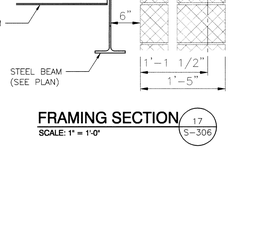
POST		HANGER	
MARK	SIZE	MARK	SIZE
PT4	HSS4x4x1/4	HG4	HSS4x4x1/4
PT6	HSS6x6x1/4	HG6	HSS6x6x1/4
PT8	HSS8x8x1/4	HG8	HSS8x8x1/4

NOTE:
SEE FRAMING PLANS
FOR MEMBER SIZES

POST (PT) AND HANGER (HG) DETAIL 21 / S-306
SCALE: 1" = 1'-0"

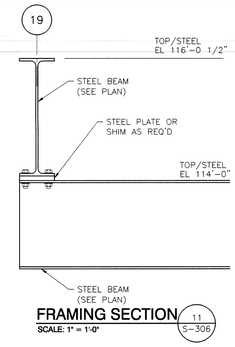


FRAMING SECTION 15 / S-306
SCALE: 1" = 1'-0"

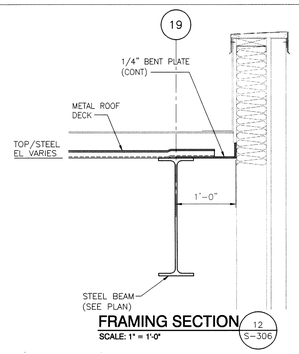


FRAMING SECTION 16 / S-306
SCALE: 1" = 1'-0"

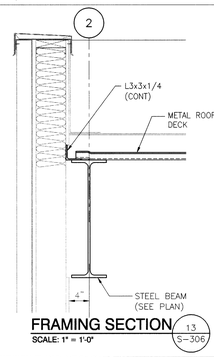
FRAMING SECTION 17 / S-306
SCALE: 1" = 1'-0"



FRAMING SECTION 11 / S-306
SCALE: 1" = 1'-0"



FRAMING SECTION 12 / S-306
SCALE: 1" = 1'-0"



FRAMING SECTION 13 / S-306
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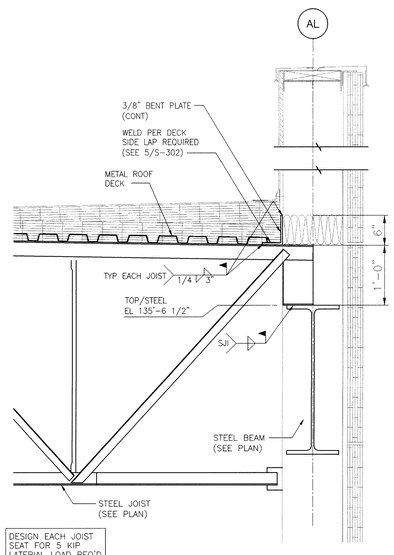
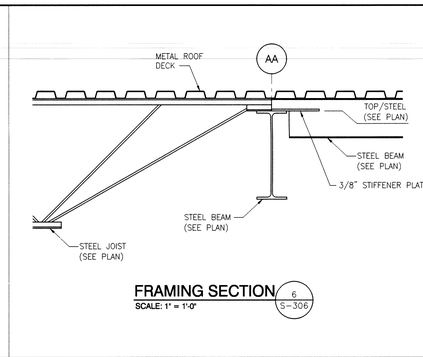


DESIGN EACH JOIST
SEAT FOR 5 KIP
LATERIAL LOAD REQ'D
(TYP, UNIT C)

FRAMING SECTION 14 / S-306
SCALE: 1" = 1'-0"



FRAMING SECTION 6 / S-306
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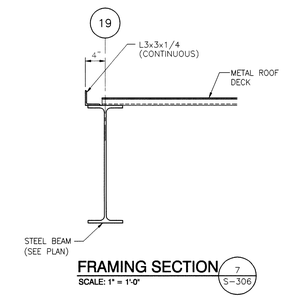
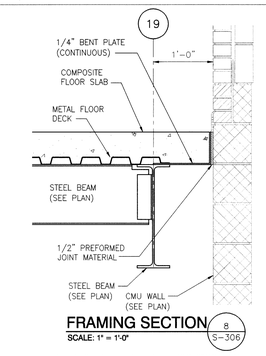
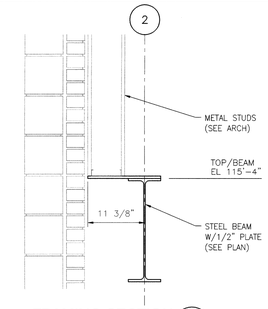


FRAMING SECTION 7 / S-306
SCALE: 1" = 1'-0"



FRAMING SECTION 8 / S-306
SCALE: 1" = 1'-0"

FRAMING SECTION 9 / S-306
SCALE: 1" = 1'-0"



FRAMING SECTION 10 / S-306
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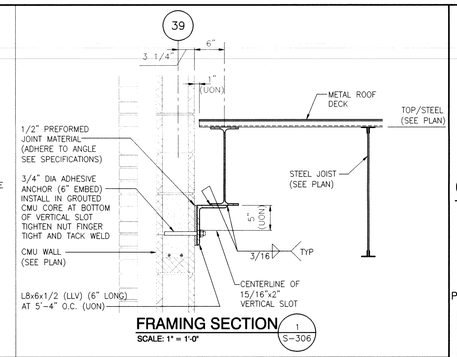
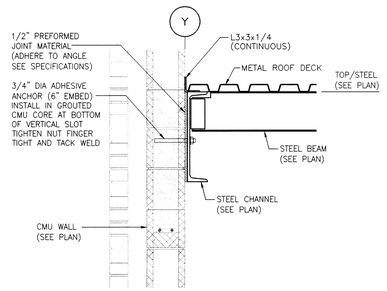
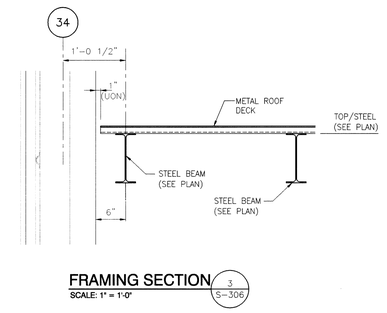


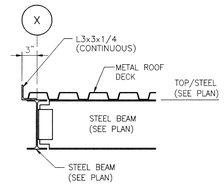
FRAMING SECTION 1 / S-306
SCALE: 1" = 1'-0"



FRAMING SECTION 2 / S-306
SCALE: 1" = 1'-0"



FRAMING SECTION 3 / S-306
SCALE: 1" = 1'-0"



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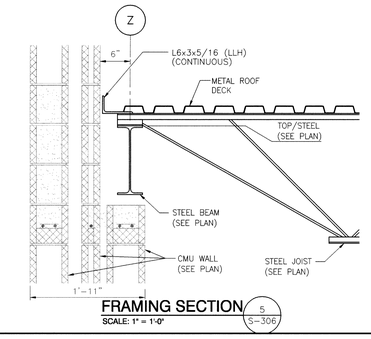
SCALE: 1" = 1'-0"



FRAMING SECTION 5 / S-306
SCALE: 1" = 1'-0"

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MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY RM
DRAWN BY KW
CHECKED BY RM

ROGER WALONI
REGISTERED
NO. PE 19900200
STATE OF INDIANA
PROFESSIONAL ENGINEER

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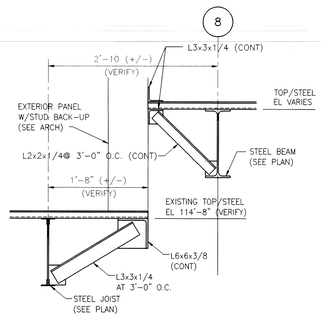
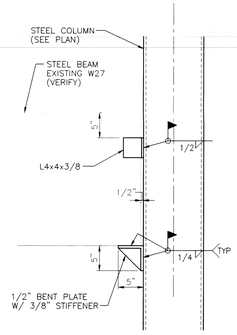
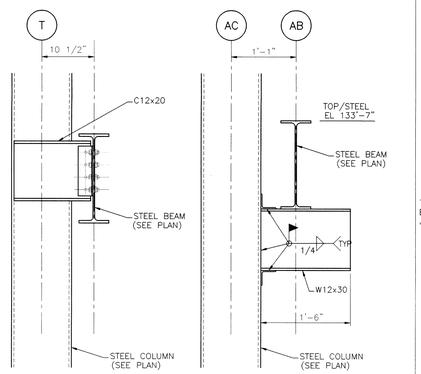


A



B

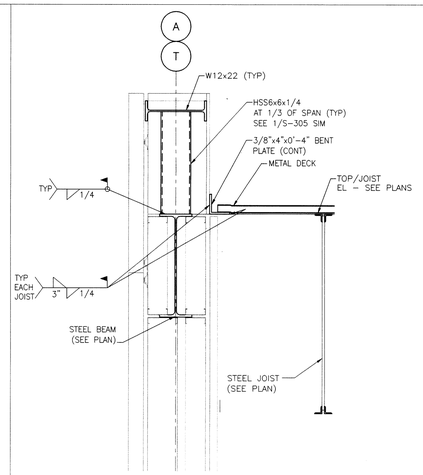
FRAME SECTION 12 S-307
SCALE: 1" = 1'-0"

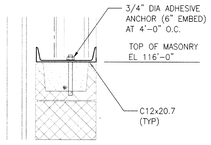


A

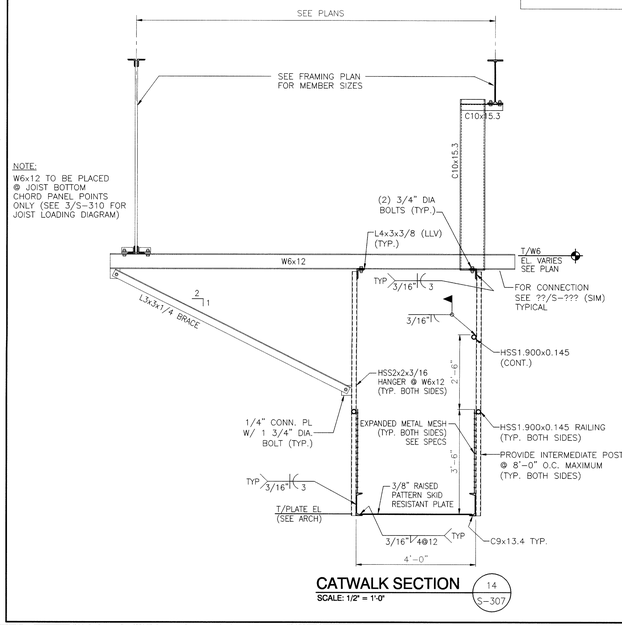
B

FRAME CONNECTION SECTIONS 11 S-307
SCALE: 1" = 1'-0"



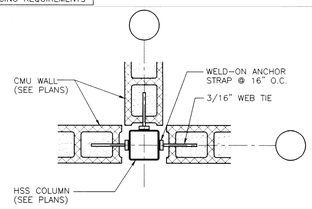


FRAMING SECTION 13 S-307
SCALE: 1" = 1'-0"

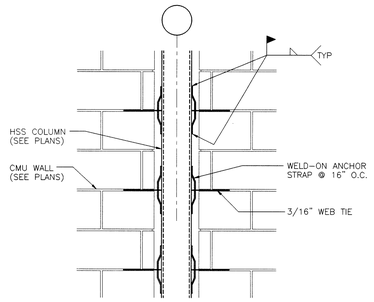


CATWALK SECTION 14 S-307
SCALE: 1/2" = 1'-0"

NOTE:
SEE MASONRY PANEL
SCHEDULE FOR CMU WALL
REINFORCING REQUIREMENTS

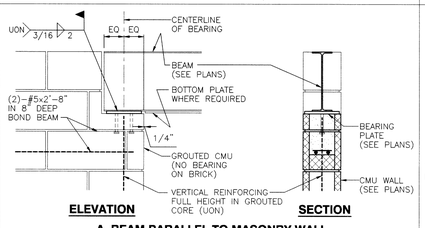


PLAN



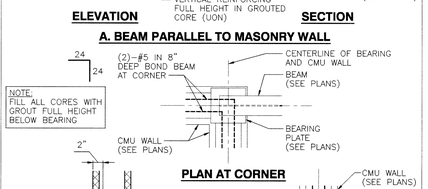
ELEVATION

TYPICAL COLUMN ATTACHMENT TO CMU 9 S-307
SCALE: 1" = 1'-0"

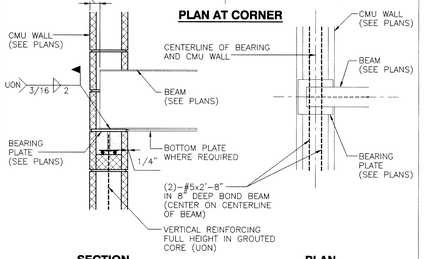


ELEVATION SECTION

A. BEAM PARALLEL TO MASONRY WALL



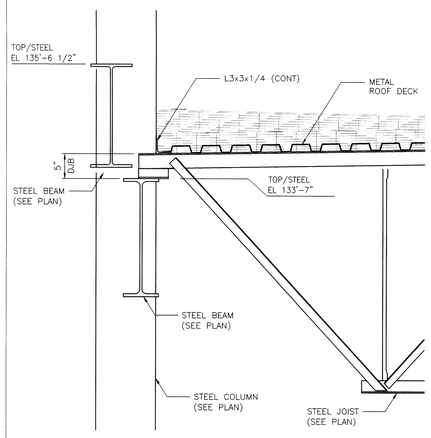
PLAN AT CORNER



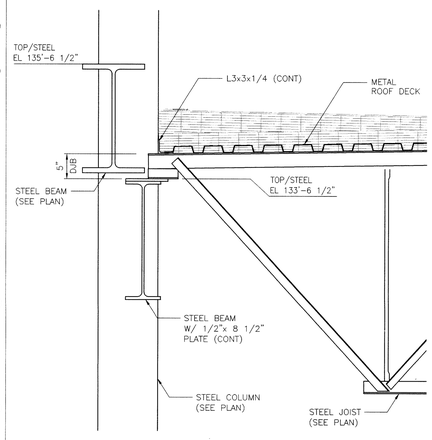
SECTION PLAN

B. BEAM PERPENDICULAR TO MASONRY WALL

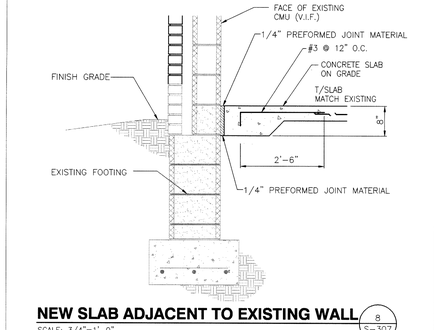
BEAM BEARING ON MASONRY 10 S-307
SCALE: 1" = 1'-0"



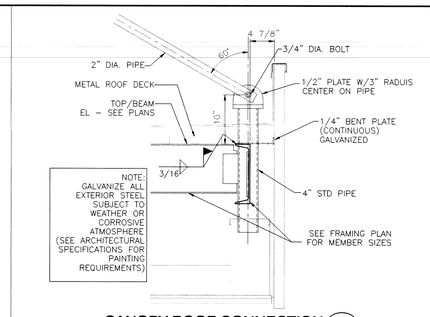
FRAMING SECTION 6 S-307
SCALE: 1" = 1'-0"



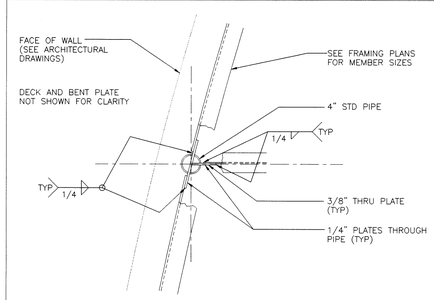
FRAMING SECTION 7 S-307
SCALE: 1" = 1'-0"



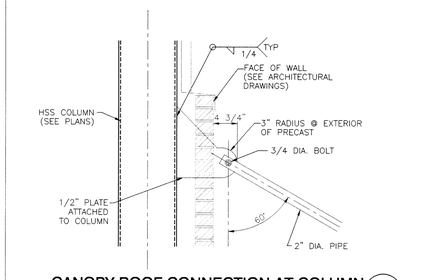
NEW SLAB ADJACENT TO EXISTING WALL 8 S-307
SCALE: 3/4"=1'-0"



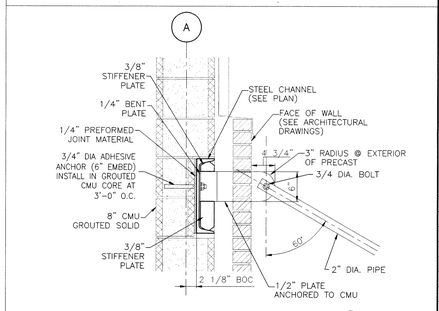
CANOPY ROOF CONNECTION 1 S-307
SCALE: 1" = 1'-0"



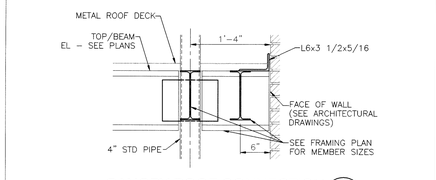
CANOPY ROOF CONNECTION 2 S-307
SCALE: 1" = 1'-0"



CANOPY ROOF CONNECTION AT COLUMN 3 S-307
SCALE: 1" = 1'-0"



CANOPY ROOF CONNECTION 4 S-307
SCALE: 1" = 1'-0"



CANOPY ROOF CONNECTION 5 S-307
SCALE: 1" = 1'-0"

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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY RM
DRAWN BY KW
CHECKED BY RM

ROGER WALDRON REGISTERED NO. PE 19800200 STATE OF INDIANA PROFESSIONAL ENGINEER

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STRUCTURAL
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S-307

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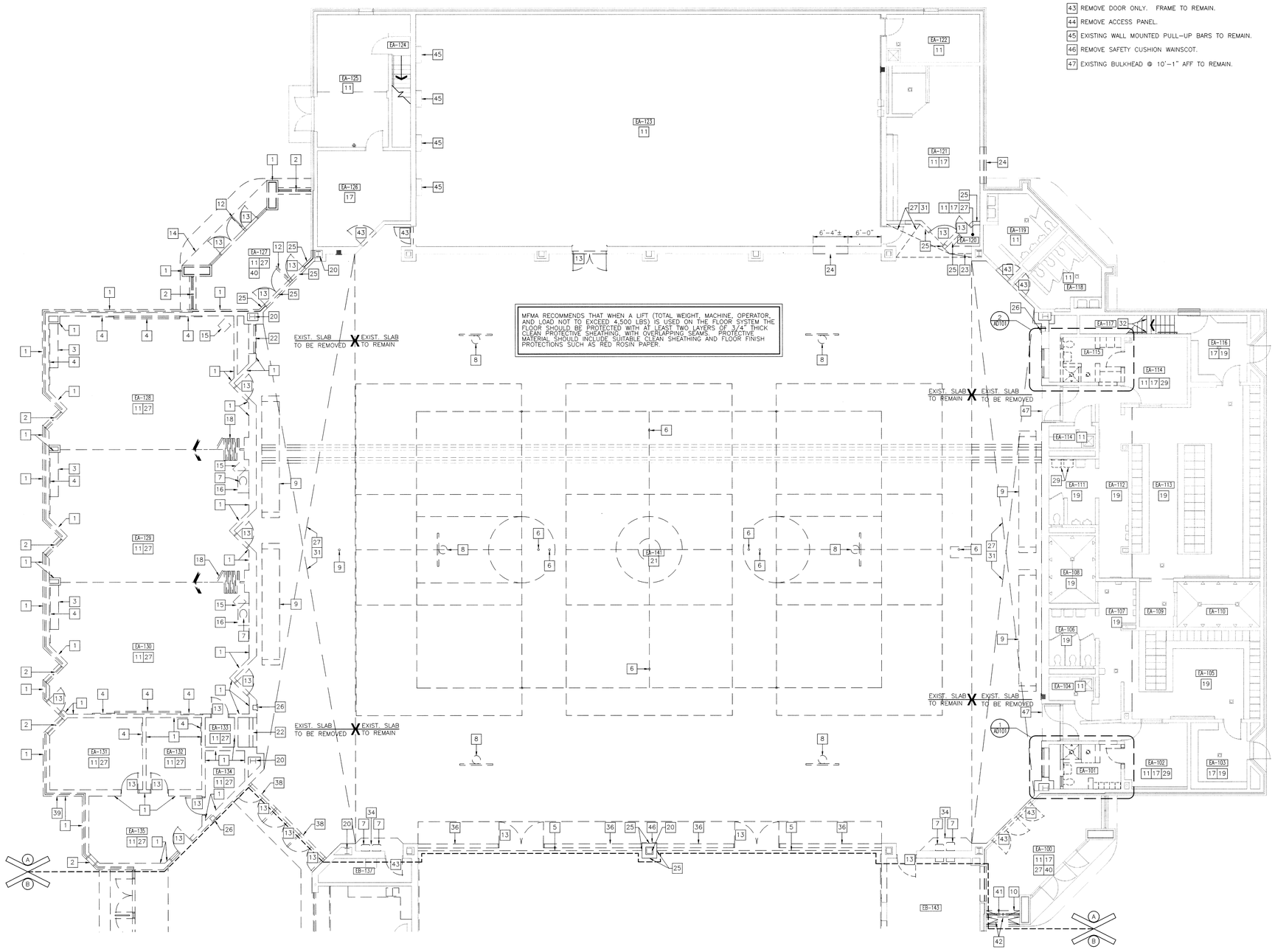


UNIT "A" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

DEMOLITION PLAN NOTES (cont.):

29 REMOVE CARPET FLOORING.

30 REMOVE MIRROR.

31 REMOVE WOOD FLOORING AND SUPPORT SYSTEM IN ITS ENTIRETY THIS ROOM/AREA.

32 REMOVE METAL PAN STAIR AND HANDRAIL.

33 REMOVE METAL LOCKERS AND LOCKER BASE IN ITS ENTIRETY.

34 REMOVE CERAMIC TILE FLOOR.

35 REMOVE PARTIAL HEIGHT MASONRY WALL IN ITS ENTIRETY.

36 REMOVE METAL STUD AND GYPSUM BOARD WALL IN ITS ENTIRETY.

37 REMOVE LOCKER BASE IN ITS ENTIRETY.

38 REMOVE MASONRY WALL AND LINTEL ABOVE DOOR FRAME IN ITS ENTIRETY.

39 REMOVE AND SALVAGE DATE STONE AND COPPER BOX, AND TURN OVER TO THE OWNER.

40 REMOVE QUARRY TILE AND SETTING BED.

41 REMVOE WINDOW CONSTRUCTION IN ITS ENTIRETY.

42 REMOVE METAL PANEL FASCIA, PLASTER SOFFIT, AND SUSPENSIONS SYSTEM THIS AREA.

43 REMOVE DOOR ONLY. FRAME TO REMAIN.

44 REMOVE ACCESS PANEL.

45 EXISTING WALL MOUNTED PULL-UP BARS TO REMAIN.

46 REMOVE SAFETY CUSHION WAINSCOT.

47 EXISTING BULKHEAD @ 10'-1" AFF TO REMAIN.

GENERAL DEMOLITION NOTES:

FOR GENERAL NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. SEE FIRST FLOOR LIFE SAFETY PLAN.

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

ALL EXISTING CONSTRUCTION AFFECTED BY THE DEMOLITION WORK INDICATED ON THIS SHEET SHALL BE PATCHED AND REPAIRED AS REQUIRED TO RECEIVE NEW FINISHES. ALL PATCHING AND REPAIR WORK RELATED TO THE DEMOLITION OR SPECIFICALLY NOTED ON THIS SHEET SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WHO WOULD INSTALL THE PATCHED OR REPAIRED MATERIAL IF IT WERE IN NEW CONSTRUCTION.

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

DEMOLITION PLAN NOTES:

(APPLY TO THIS SHEET ONLY)

1 REMOVE MASONRY WALL, FOUNDATION, AND FOOTING IN ITS ENTIRETY.

2 REMOVE EXISTING WINDOW CONSTRUCTION WITH MASONRY WALL BELOW AND ABOVE, FOUNDATION, AND FOOTING.

3 MECHANICAL TRADES TO REMOVE HVAC EQUIPMENT.

4 REMOVE CHALKBOARD(S), MARKERBOARD(S), AND/OR TACKBOARD(S) IN ITS ENTIRETY.

5 REMOVE DIVIDER CURTAIN AND SUPPORT SYSTEM IN ITS ENTIRETY.

6 REMOVE VOLLEYBALL INSERT.

7 MECHANICAL TRADES TO REMOVE PLUMBING FIXTURE(S).

8 EXISTING BASKETBALL BACKSTOP OVERHEAD. SEE AD102 FOR REMOVAL.

9 REMOVE WOOD BLEACHERS.

10 REMOVE MASONRY WALL FROM 8" BELOW FLOOR TO WINDOW.

11 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM IN ITS ENTIRETY.

12 REMOVE ALUMINUM DIVIDER RAIL.

13 REMOVE DOOR(S) AND FRAME(S) IN ITS ENTIRETY. SALVAGE DOOR HARDWARE AND TURN OVER TO THE OWNER.

14 REMOVE CONCRETE VOID SLAB IN ITS ENTIRETY.

15 ELECTRICAL TRADE TO REMOVE TV MONITOR AND SUPPORT SYSTEM IN ITS ENTIRETY. SALVAGE AND TURN OVER TO OWNER.

16 REMOVE CASEWORK.

17 REMOVE VINYL BASE IN ITS ENTIRETY.

18 REMOVE FOLDING PARTITION(S) AND SUPPORT SYSTEM IN ITS ENTIRETY.

19 REMOVE PLASTER CEILING AND SUSPENSION SYSTEM IN ITS ENTIRETY.

20 EXISTING STEEL STRUCTURE AND ASSOCIATED FOUNDATION TO REMAIN. SEE STRUCTURAL.

21 REMOVE FINISH WOOD LAYER AND WOOD BASE OF GYMNASIUM FLOOR. SUBLOOR AND SLEEPERS ARE TO REMAIN. SEE SHEET AE101 FOR REVISED AREA OF NEW WOOD FLOOR.

22 REMOVE STAMPED STEEL GRILLE AND SIGHT TIGHT LOUVER.

23 REMOVE MASONRY WALL FROM 8" BELOW FLOOR TO 10'-8" ABOVE.

24 PROVIDE OPENING IN MASONRY WALL FOR NEW DOOR AND FRAME. SEE DOOR SCHEDULE. SEE STRUCTURAL FOR LINTEL.

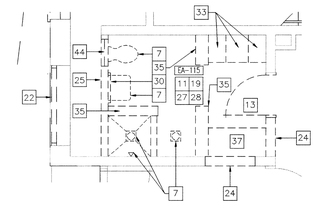
25 REMOVE EXISTING MASONRY WALL CONSTRUCTION IN ITS ENTIRETY FROM 8" BELOW FINISH FLOOR TO FLOOR OR ROOF ABOVE.

26 REMOVE FIRE EXTINGUISHER CABINET.

27 REMOVE CONCRETE SLAB IN ITS ENTIRETY THIS ROOM/AREA.

28 REMOVE CERAMIC WALL AND BASE TILE AND SETTING BED IN ITS ENTIRETY THIS ROOM/AREA.

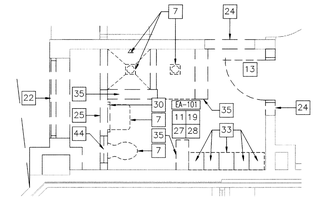
29 REMOVE AND SALVAGE LAVATORY AND MIRROR FOR RELOCATION AT TOILET 315A.



ENLARGED DEMOLITION PLAN

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

2 AD101



ENLARGED DEMOLITION PLAN

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

1 AD101

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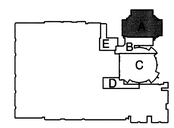
PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP



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PROJECT 06-612
DATE 03/19/07
COORDINATED BY LDH FGK
DRAWN BY MAM
CHECKED BY LDH FGK

LAWRENCE D. HOYT REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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DRAWING
UNIT "A" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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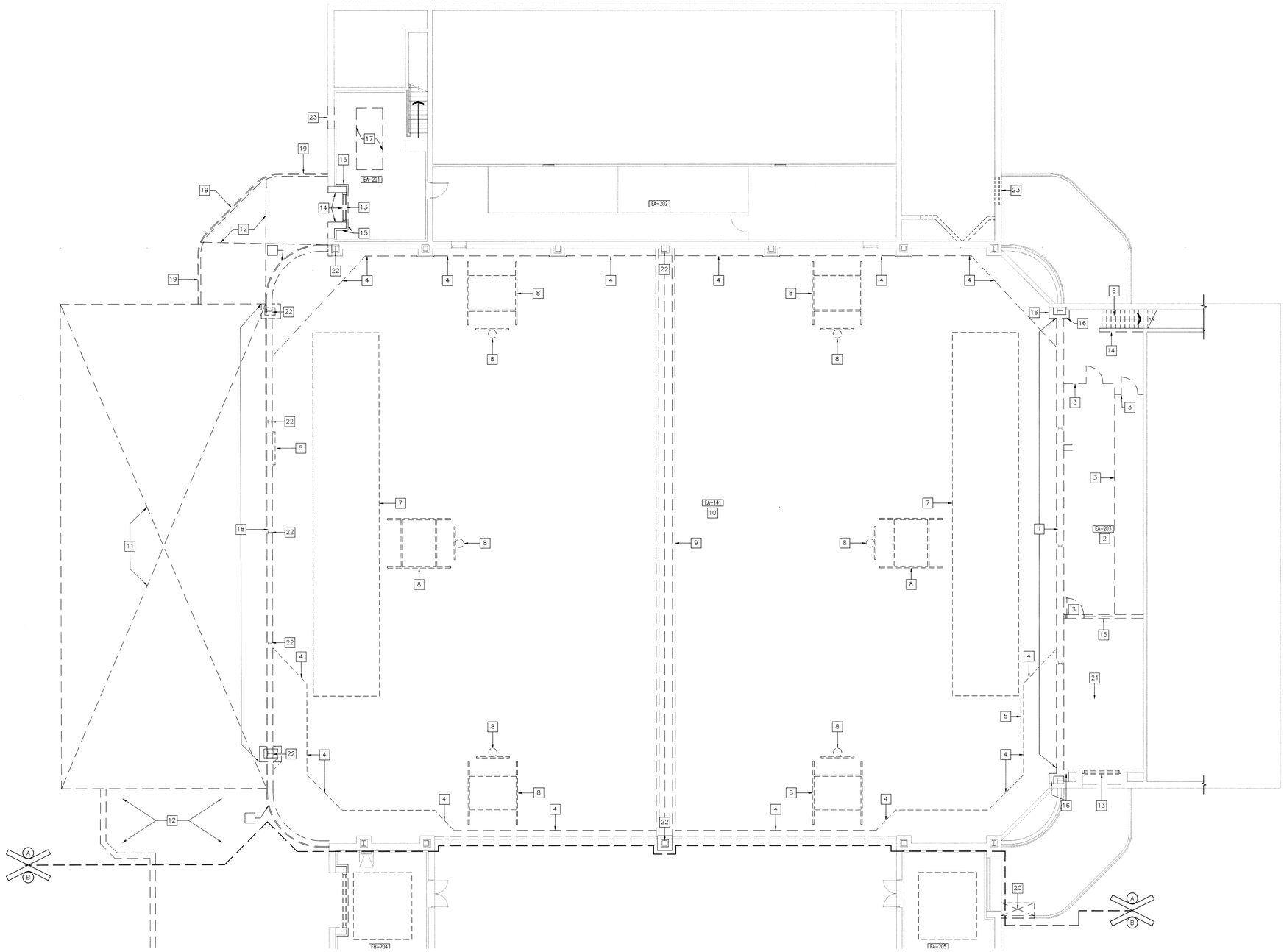

UNIT "A" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN

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

GENERAL DEMOLITION NOTES:

FOR GENERAL NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. SEE FIRST FLOOR LIFE SAFETY PLAN.

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DEMOLITION PLAN NOTES:

(APPLY TO THIS SHEET ONLY)

1. REMOVE MASONRY WALL IN ITS ENTIRETY STARTING FROM 13'-4" (VERIFY) ABOVE FIRST FLOOR TO TOP OF WALL.
2. REMOVE METAL STORAGE SHELVES AND TURN OVER TO OWNER.
3. REMOVE WIRE MESH PARTITION AND GATES. TURN OVER TO OWNER.
4. REMOVE GYPSUM BOARD/PANEL BULKHEAD AND METAL STUD FRAMING IN ITS ENTIRETY.
5. ELECTRICAL TRADE TO REMOVE SCOREBOARD.
6. REMOVE METAL PAN STAIR AND HANDRAIL IN ITS ENTIRETY.
7. REMOVE BATTING CAGE AND RIGGING AND SALVAGE FOR REINSTALLATION IN MULTI-PURPOSE GYMNASIUM 368.
8. REMOVE BASKETBALL BACKBOARD AND SUPPORT SYSTEM IN ITS ENTIRETY. SALVAGE BACKBOARD AND GOALS FOR REUSE IN GYMNASIUM 307 AND BALCONY 397.
9. REMOVE DIVIDER CURTAIN, SUPPORT SYSTEM, AND GYPSUM BOARD AND METAL STUD BULKHEAD IN ITS ENTIRETY.
10. REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM IN ITS ENTIRETY.
11. REMOVE STEEL JOISTS, METAL DECK, INSULATION, AND SHINGLES IN THIS AREA.
12. REMOVE STEEL JOISTS, BEAMS METAL DECK, INSULATION, ROOF MEMBRANE, AND BALLAST IN THIS AREA. USE CAUTION WHEN REMOVING STRUCTURE FROM MASONRY WALL THAT IS TO REMAIN.
13. REMOVE LOUVER.
14. REMOVE MASONRY WALL FROM MECHANICAL ROOM FLOOR TO ROOF STRUCTURE ABOVE.
15. REMOVE CONCRETE CURB.
16. REMOVE MASONRY WALL FOR NEW STEEL COLUMN.
17. REMOVE CONCRETE HOUSEKEEPING PAD.
18. REMOVE MASONRY WALL IN ITS ENTIRETY.
19. REMOVE METAL PANEL FASCIA, PLASTER SOFFIT AND SUPPORT SYSTEM.
20. REMOVE METAL ROOF DECK, INSULATION, ROOF MEMBRANE, PLASTER SOFFIT AND SUSPENSION SYSTEM AND METAL PANEL FASCIA. CUT STEEL JOIST EXTENSIONS AT EXTERIOR FACE OF MASONRY WALL.
21. EXISTING CONCRETE HOUSEKEEPING PAD TO REMAIN.
22. EXISTING STEEL COLUMN TO REMAIN. SEE STRUCTURAL DRAWINGS.
23. REMOVE MASONRY IN THIS AREA FOR LOUVER IN NEW CONSTRUCTION.

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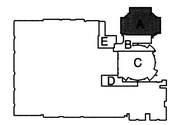

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY LDH
DRAWN BY MAM
CHECKED BY LDH

LAWRENCE D. HOYT REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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DRAWING
UNIT "A" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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GENERAL DEMOLITION NOTES:

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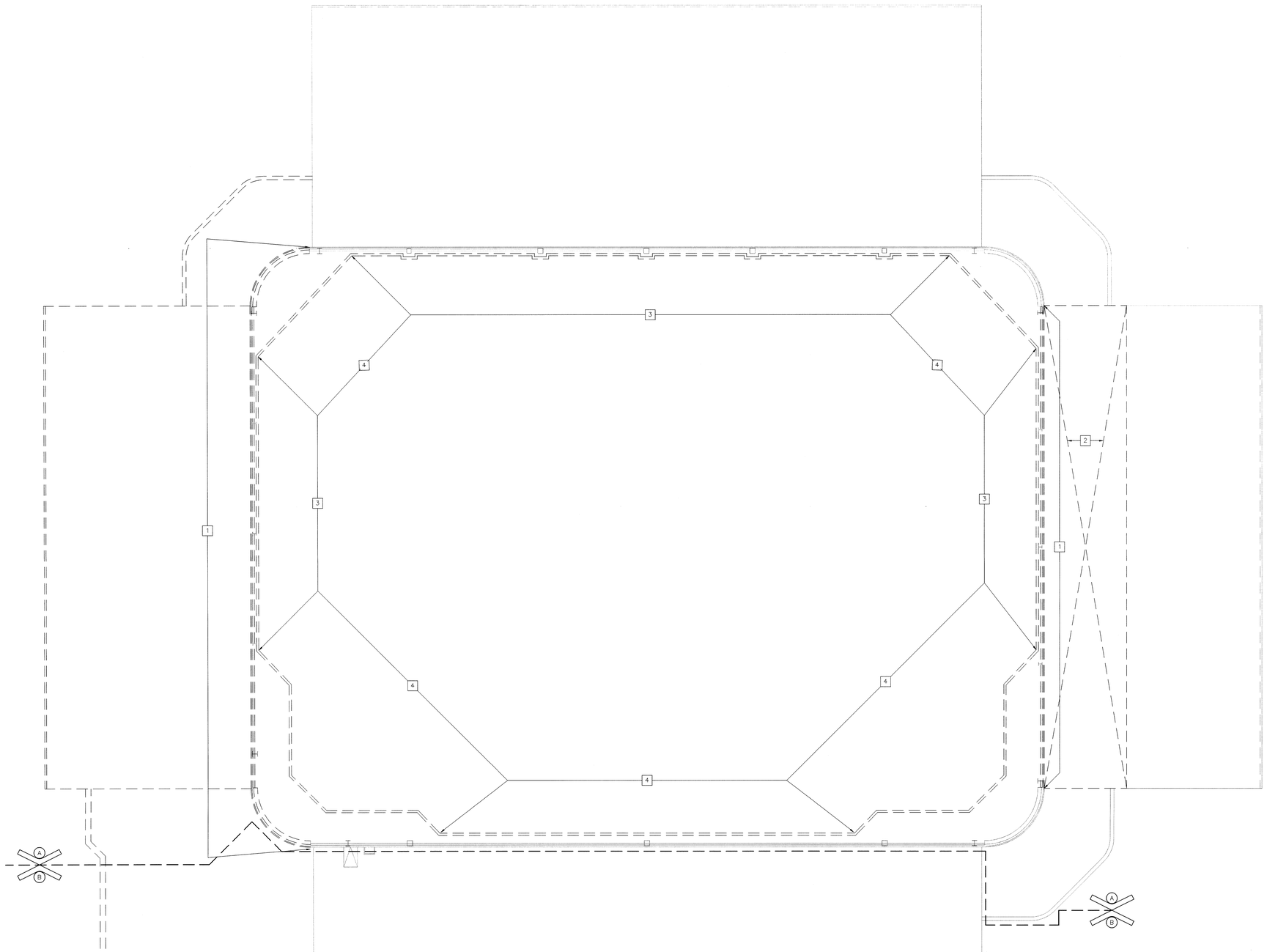
DEMOLITION PLAN NOTES:

(APPLY TO THIS SHEET ONLY)

1. REMOVE METAL PANEL WALL AND SUPPORT SYSTEM IN ITS ENTIRETY.
2. REMOVE METAL DECK, INSULATION, AND SHINGLES IN THIS AREA. REMOVE PORTION OF STEEL JOIST. SEE STRUCTURAL FOR MODIFICATION.
3. REMOVE GYPSUM BOARD/PANEL AND METAL WALL IN ITS ENTIRETY.
4. REMOVE GYPSUM BOARD/PANEL BULKHEAD AND SUPPORT SYSTEM IN ITS ENTIRETY.



UNIT "A" ARCHITECTURAL THIRD FLOOR DEMOLITION PLAN

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

NORTH

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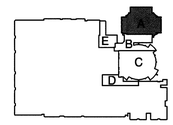

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PROJECT 06-612
DATE 03/19/07
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CHECKED BY LDH FGK

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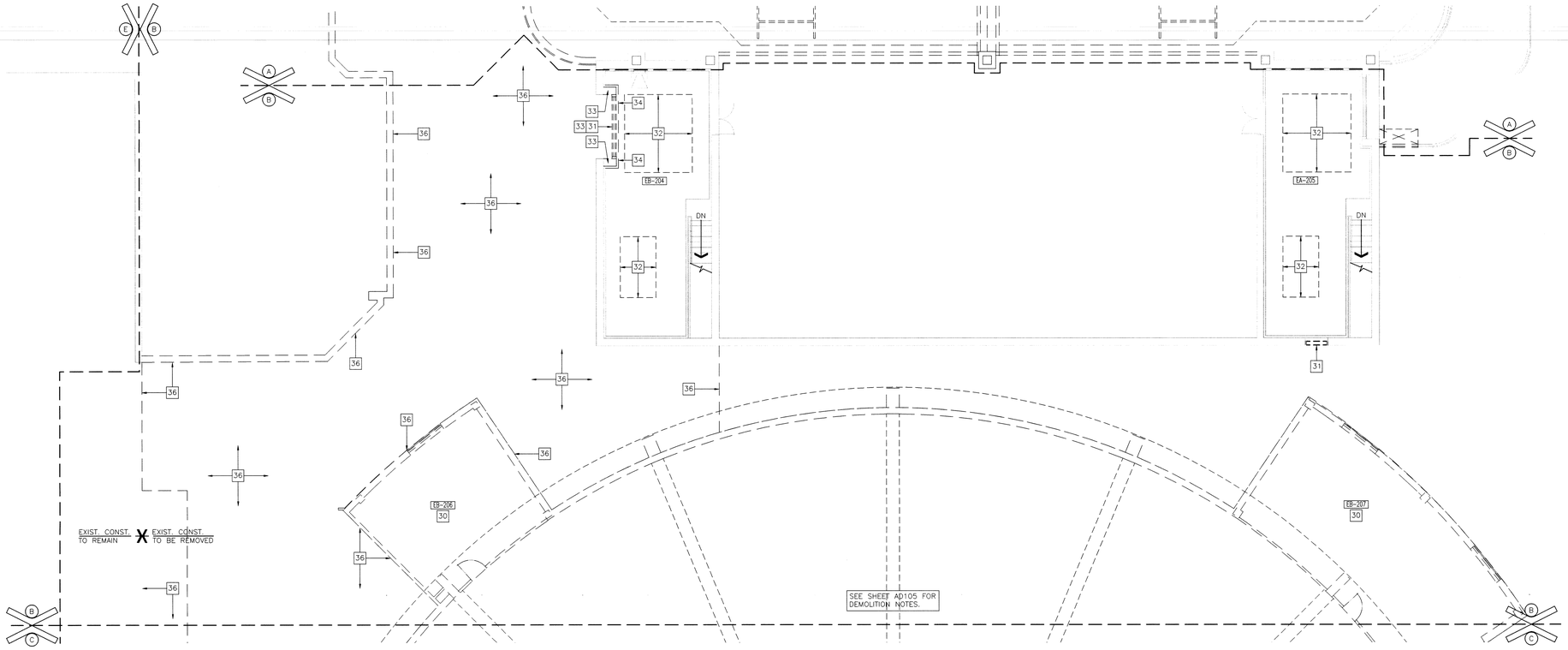
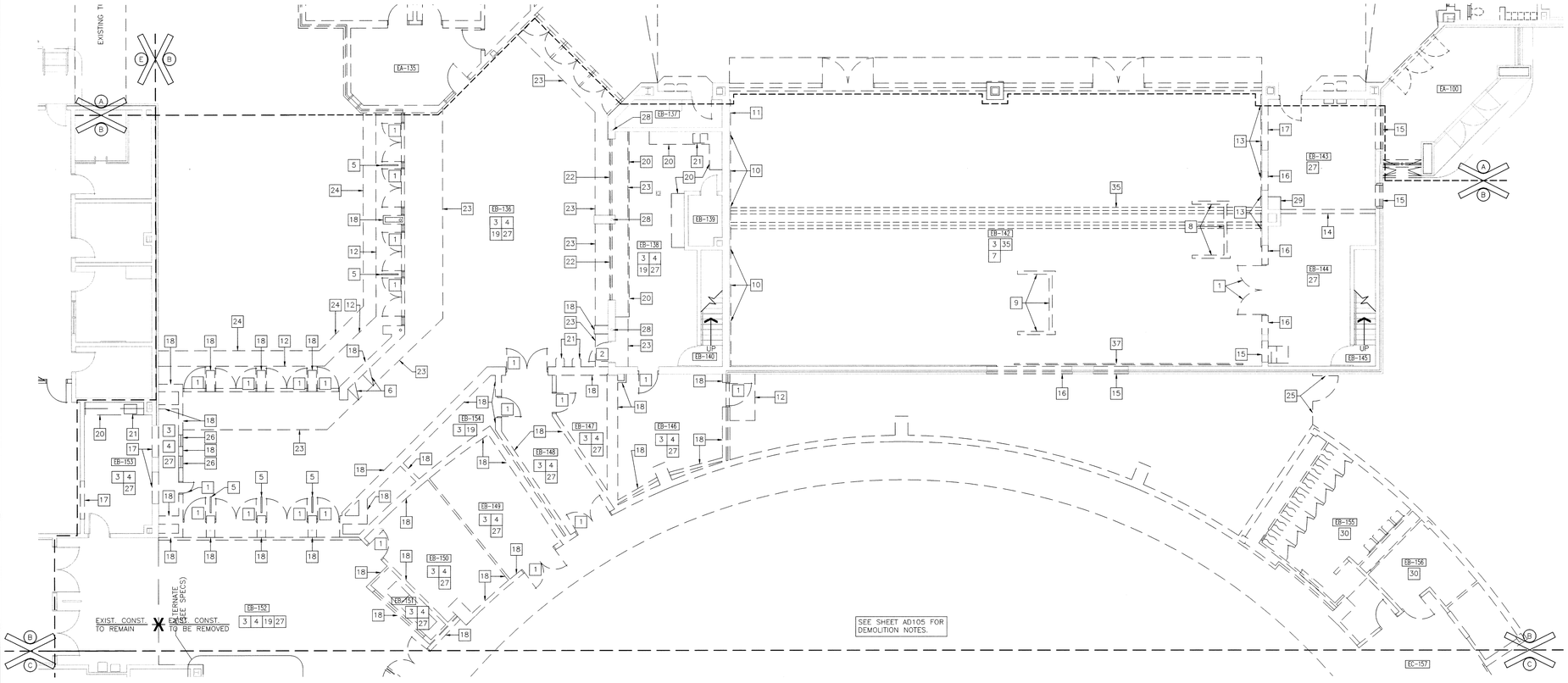


UNIT "B" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN

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



UNIT "B" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

GENERAL DEMOLITION NOTES:

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

DEMOLITION PLAN NOTES:

(APPLY TO THIS SHEET ONLY)

1. REMOVE DOOR(S) AND FRAME. TURN DOOR HARDWARE OVER TO OWNER.
2. REMOVE DOOR(S). FRAME TO REMAIN. TURN HARDWARE OVER TO OWNER.
3. REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM IN ITS ENTIRETY THIS ROOM/AREA.
4. REMOVE CONCRETE SLAB IN ITS ENTIRETY THIS ROOM/AREA.
5. REMOVE ALUMINUM DIVIDER RAIL.
6. PAY PHONES TO BE REMOVED BY PHONE COMPANY.
7. REMOVE WOOD FLOORING AND SUPPORT SYSTEM IN ITS ENTIRETY.
8. REMOVE ROPE CLIMBING APARATUS AND SUPPORT SYSTEM IN ITS ENTIRETY. SALVAGE AND TURN OVER TO OWNER.
9. REMOVE SUSPENDED GYMNASTIC RINGS AND SUPPORT SYSTEM IN ITS ENTIRETY. SALVAGE AND TURN OVER TO OWNER.
10. REMOVE MIRRORS AND PLYWOOD BACKING.
11. REMOVE SAFETY WAINSCOT IN ITS ENTIRETY.
12. REMOVE CONCRETE STOOP IN ITS ENTIRETY.
13. REMOVE CLIMBING WALL PANEL. SALVAGE AND TURN OVER TO OWNER.
14. REMOVE MASONRY WALL FROM 8" BELOW FLOOR LINE TO STRUCTURE ABOVE.
15. PROVIDE OPENING IN MASONRY WALL FOR NEW DOOR AND FRAME. SEE DOOR SCHEDULE. SEE STRUCTURAL FOR LINTEL.
16. PROVIDE OPENING IN MASONRY WALL FOR NEW DOOR FRAME CONSTRUCTION. SEE DOOR SCHEDULE. SEE STRUCTURAL FOR LINTEL.
17. PROVIDE OPENING IN MASONRY WALL. SEE STRUCTURAL FOR LINTEL.
18. REMOVE MASONRY WALL, FOUNDATION, AND FOOTING IN THEIR ENTIRETY.
19. REMOVE EXISTING QUARRY TILE.
20. REMOVE CASEWORK.
21. MECHANICAL TRADES TO REMOVE PLUMBING FIXTURES.
22. REMOVE ROLL-UP DOOR.
23. REMOVE PLASTER BULKHEAD AND SUSPENSION SYSTEM IN ITS ENTIRETY.
24. REMOVE FASCIA, PLASTER SOFFIT AND SUSPENSION SYSTEM IN ITS ENTIRETY.
25. REMOVE CHAIN LINK FENCE AND GATE.
26. REMOVE WINDOW CONSTRUCTION.
27. REMOVE VINYL BASE.
28. STEEL COLUMN TO REMAIN.
29. REMOVE FLOOR ACCESS PANEL.
30. COMPLETELY REMOVE ROUND GYMNASIUM IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO ROOF, ROOF DECK, LAMINATED WOOD STRUCTURE, CONCRETE WALLS, WOOD FLOOR, CONCRETE SLAB, FOUNDATION, FOOTINGS, PIERS, AND PADS. COORDINATE DEMOLITION WITH MECHANICAL AND ELECTRICAL DRAWINGS.
31. REMOVE LOUVER.
32. REMOVE CONCRETE HOUSEKEEPING PAD.
33. REMOVE MASONRY WALL FROM MECHANICAL ROOM FLOOR TO ROOF STRUCTURE ABOVE.
34. REMOVE CONCRETE CURB.
35. REMOVE CONCRETE SLAB AND TRENCH IN ITS ENTIRETY THIS ROOM/AREA.
36. REMOVE STEEL COLUMN, JOISTS, METAL DECK, INSULATION, ROOF MEMBRANE, AND BALLAST THIS AREA.
37. REMOVE 36'-0" WOOD BALLET BAR. SALVAGE AND RELOCATE IN GYMNASTICS 371.

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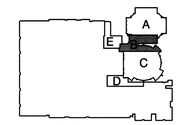
PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP



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PROJECT 06-612
DATE 03/19/07
COORDINATED BY LDH FGK
DRAWN BY MAM
CHECKED BY LDH FGK

LAWRENCE D. HOYT REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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DRAWING
UNIT "B" ARCHITECTURAL FIRST FLOOR AND SECOND FLOOR DEMOLITION PLANS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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B

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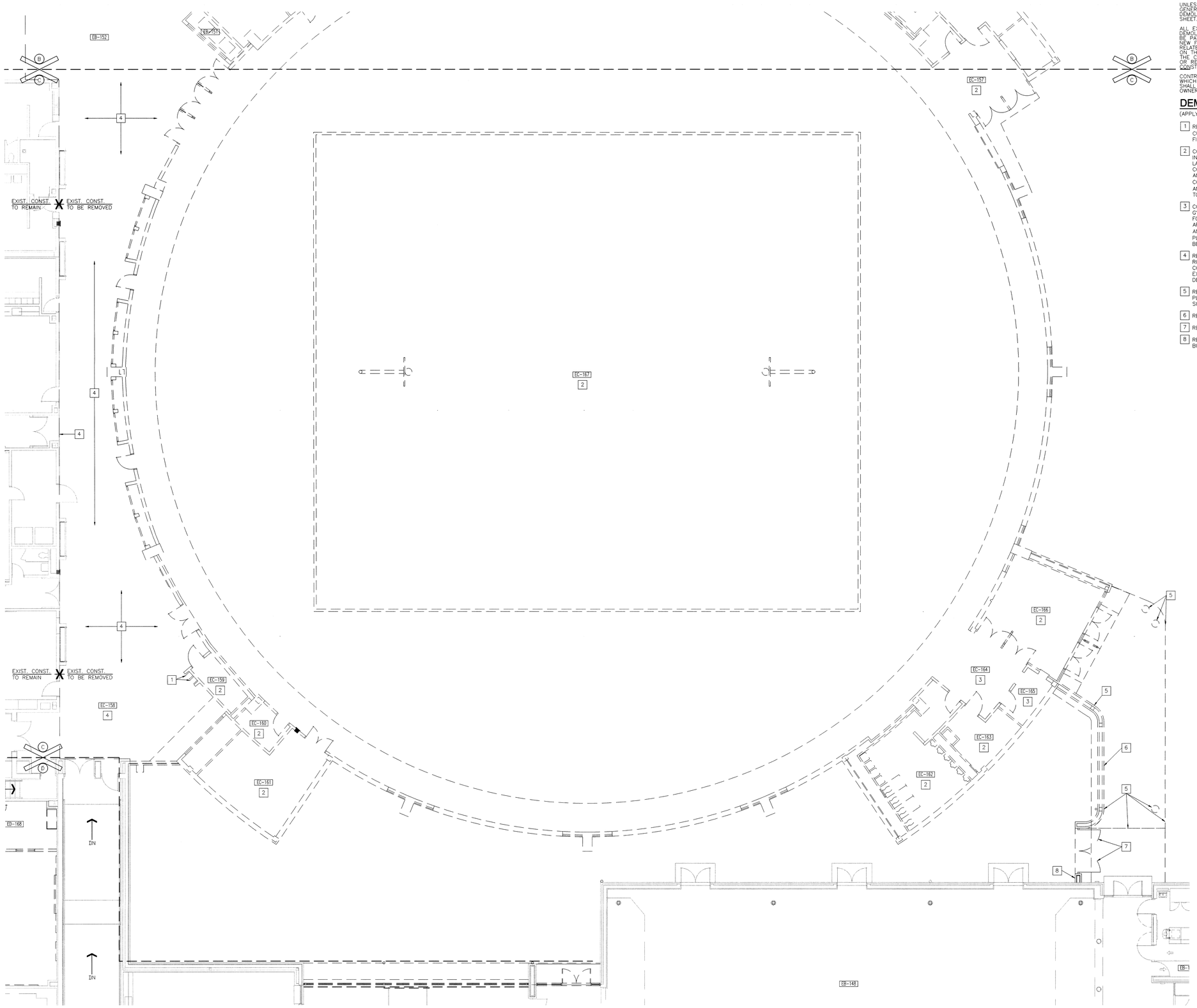

GENERAL DEMOLITION NOTES:

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DEMOLITION PLAN NOTES:

(APPLY TO THIS SHEET ONLY)

1. REMOVE PLUMBING FIXTURE(S). SEE PLUMBING DRAWINGS. CUT AND CAP ALL PIPING BELOW AND/OR BEHIND NEW FINISH SURFACES.
2. COMPLETELY REMOVE ROUND GYMNASIUM IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO: ROOF, ROOF DECK, LAMINATED WOOD STRUCTURE. WALLS, WOOD FLOOR, CONCRETE SLAB, FOUNDATIONS, FOOTINGS, PIERS, PADS, AND ALL ARCHITECTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS AND SYSTEMS (SEE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS). ITEMS NOTED "TO REMAIN" ARE TO BE LEFT IN PLACE.
3. COMPLETELY REMOVE ANCILLARY SPACES TO ROUND GYMNASIUM, INCLUDING BUT NOT LIMITED TO: ROOF, FOUNDATIONS, FOOTINGS, PIERS, PADS, AND ALL ARCHITECTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS AND SYSTEMS (SEE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS). ITEMS NOTE "TO REMAIN" ARE TO BE LEFT IN PLACE.
4. REMOVE CONCRETE SLAB, BASE, LAY-IN CEILING SYSTEM, ROOF, ROOF DECK, ROOF STRUCTURE IN THIS ENTIRE CORRIDOR AREA. COORDINATE TEMPORARY SUPPORT OF EXISTING MECHANICAL ITEMS TO REMAIN PRIOR TO START OF DEMOLITION. SEE CONSTRUCTION PHASING PLANS.
5. REMOVE ROOF, ROOF DECK, ROOF STRUCTURE, CEMENT PLASTER, SOFFIT, METAL PANEL FASCIA, COLUMN SURROUNDS, COLUMNS, PIERS, PADS, AND CONCRETE WALK.
6. REMOVE MASONRY WALL AND FOUNDATION IN ITS ENTIRETY.
7. REMOVE BOTH LEAVES OF GATE AND SUPPORT FRAME.
8. REMOVE PORTION OF MASONRY WALL CONNECTED TO BUILDING.

UNIT "C" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

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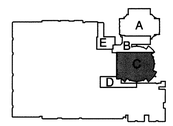

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DATE 03/19/07
COORDINATED BY LDH RTC
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CHECKED BY LDH RTC

LAWRENCE D HOYE REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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UNIT "C" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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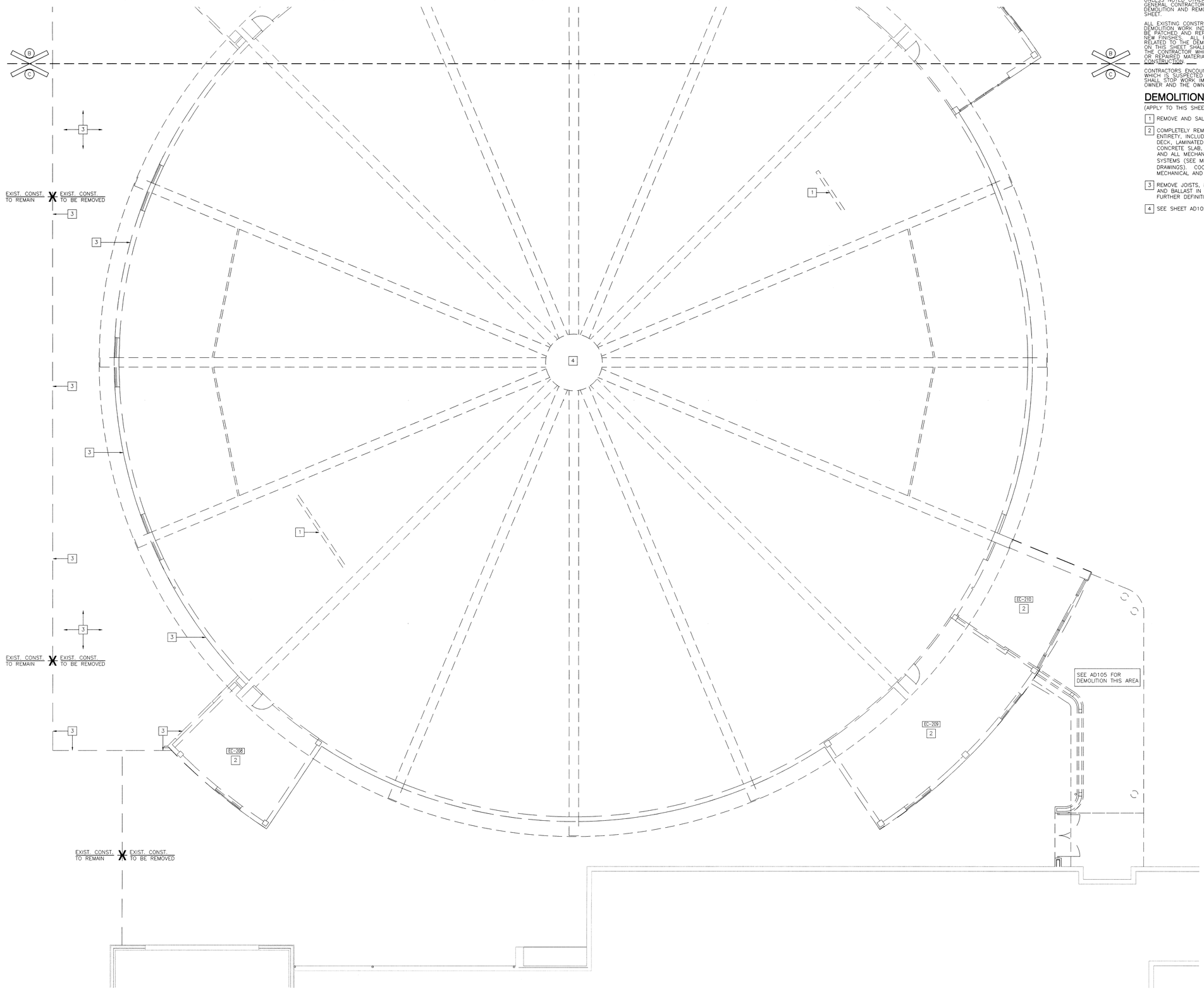

GENERAL DEMOLITION NOTES:

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DEMOLITION PLAN NOTES:

(APPLY TO THIS SHEET ONLY)

1. REMOVE AND SALVAGE SCOREBOARDS FOR REINSTALLATION.
2. COMPLETELY REMOVE ENTIRE ROUND GYMNASIUM IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO, ROOF, ROOF DECK, LAMINATED ROOF STRUCTURE, WALLS, WOOD FLOOR, CONCRETE SLAB, FOUNDATIONS, FOOTINGS, PIERS, PADS, AND ALL MECHANICAL AND ELECTRICAL COMPONENTS AND SYSTEMS (SEE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS). COORDINATE SHUTOFF AND DISCONNECTS OF MECHANICAL AND ELECTRICAL TRADES.
3. REMOVE JOISTS, METAL DECK, INSULATION, ROOF MEMBRANE, AND BALLAST IN THIS AREA. SEE WALL SECTIONS FOR FURTHER DEFINITION OF WEST LIMITS OF DEMOLITION.
4. SEE SHEET AD105 FOR DEMOLITION NOTES.

UNIT "C" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN

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

NORTH

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RENOVATIONS, ADDITIONS AND RELATED WORK
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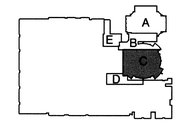

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DATE 03/19/07
COORDINATED BY LDH RTC
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CHECKED BY LDH RTC

LAWRENCE D. HOYT REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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UNIT "C" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN

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LAWRENCE CENTRAL HIGH SCHOOL

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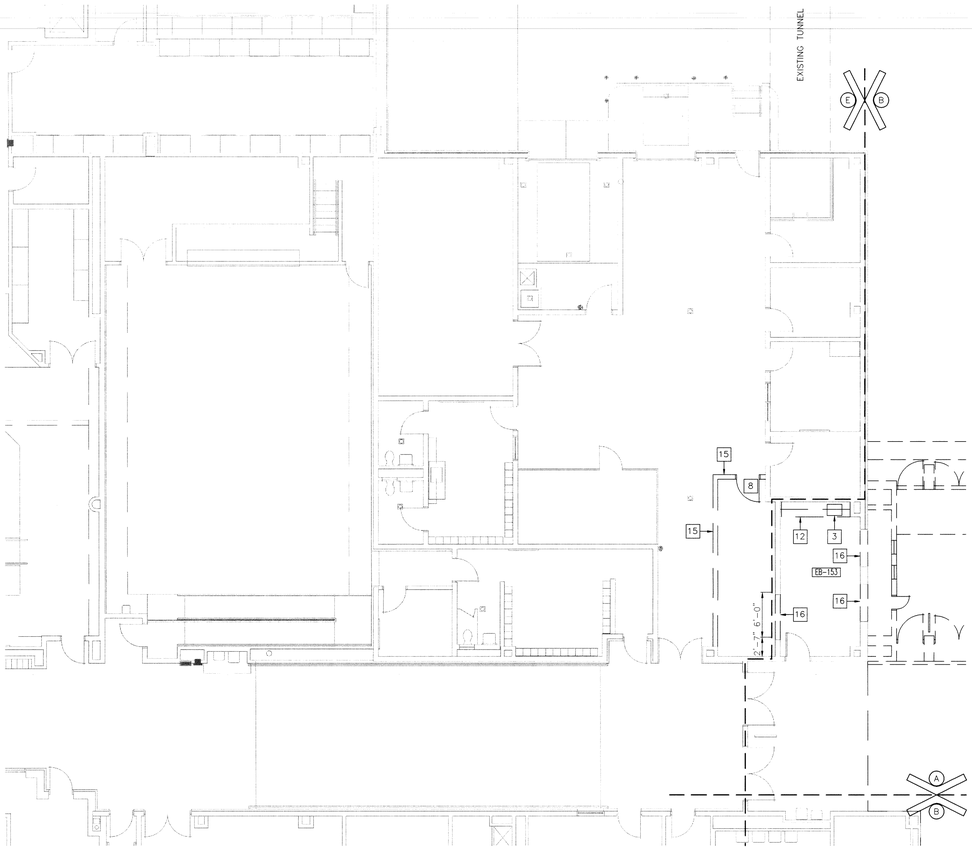
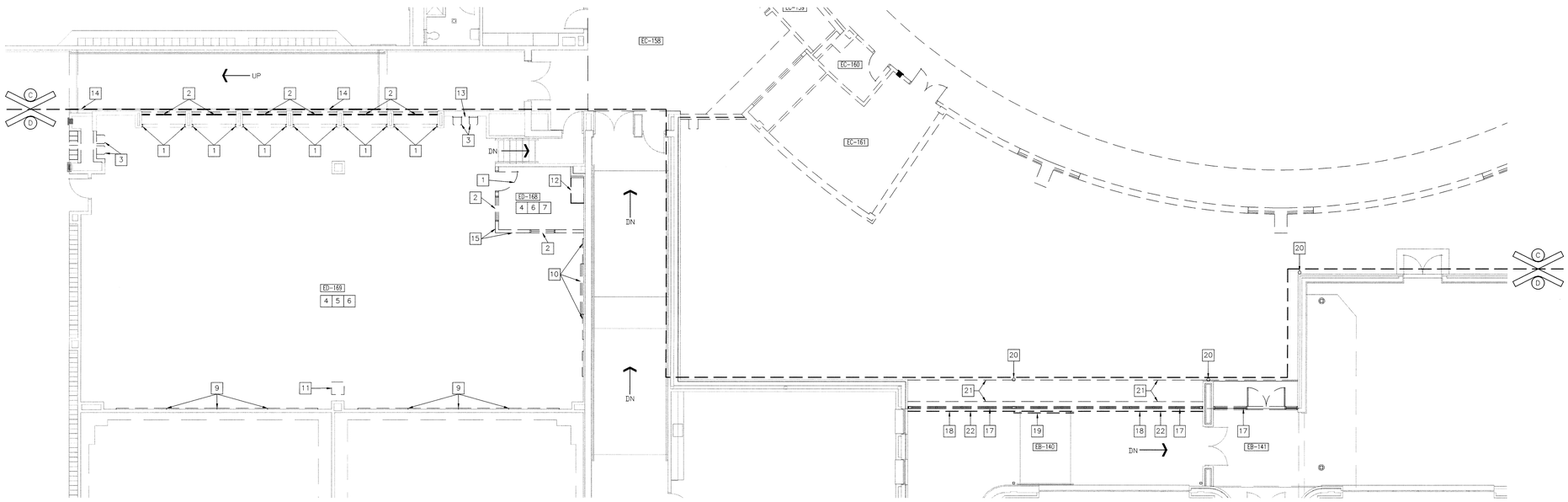


UNIT "E" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

NORTH



UNIT "D" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

NORTH

GENERAL DEMOLITION NOTES:

FOR GENERAL NOTES, MATERIAL INDICATIONS, LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. SEE FIRST FLOOR LIFE SAFETY PLAN.

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DEMOLITION PLAN NOTES:

(APPLY TO THIS SHEET ONLY)

1. REMOVE DOOR FRAMES. TURN DOOR HARDWARE OVER TO OWNER.
2. REMOVE GLAZING AND FRAME.
3. REMOVE PLUMBING FIXTURE(S). SEE PLUMBING DRAWINGS. CUT AND CAP ALL PIPING BELOW AND/OR BEHIND NEW FINISH SURFACES.
4. REMOVE ACOUSTICAL BOARD CEILING AND SUSPENSION SYSTEM IN ITS ENTIRETY IN THIS AREA.
5. REMOVE RUBBER SPORTS FLOOR IN ITS ENTIRETY.
6. REMOVE VINYL BASE IN ITS ENTIRETY.
7. REMOVE CARPET IN ITS ENTIRETY.
8. REMOVE DOOR(S) AND FRAME. TURN HARDWARE OVER TO OWNER.
9. REMOVE MIRROR(S) THIS WALL.
10. REMOVE CHALKBOARD AND TACKBOARD(S) THIS WALL.
11. REMOVE TV MONITOR AND TURN OVER TO OWNER. SEE ELECTRICAL DRAWINGS.
12. REMOVE CASEWORK AND GYPSUM BULKHEAD ABOVE IN THEIR ENTIRETY.
13. REMOVE TACKBOARD.
14. EXISTING ALUMINUM HANDRAIL TO REMAIN. REPAIR IN PLACE.
15. REMOVE GYPSUM BOARD AND STUD WALLS.
16. REMOVE PORTION OF EXISTING MASONRY FOR NEW MASONRY OPENING. COORDINATE WITH NEW CONSTRUCTION DRAWINGS.
17. REMOVE ALUMINUM STOREFRONT IN ITS ENTIRETY.
18. REMOVE PARTIAL HEIGHT WALL IN ITS ENTIRETY.
19. REMOVE AND SALVAGE ALUMINUM HANDRAIL.
20. REMOVE DOWNSPOUT.
21. REMOVE SOFFIT IN ITS ENTIRETY.
22. REMOVE GYPSUM BOARD SOFFIT IN ITS ENTIRETY.

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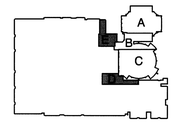

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DATE 03/19/07
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LAWRENCE D. HOTT REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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UNITS "D" AND "E" ARCHITECTURAL FIRST FLOOR DEMOLITION PLANS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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GENERAL NOTES:

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SEE DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

⟨--⟩ MISCELLANEOUS CASEWORK ELEVATION SYMBOL – SEE SHEET AI801 THRU AI802 FOR MISCELLANEOUS CASEWORK ELEVATIONS.

PLAN NOTES:

(APPLY TO THIS SHEET ONLY)

1. CONCRETE STOOP. SEE STRUCTURAL DRAWINGS.
2. EXPANSION JOINT. — 16/AE501
3. EXPANSION JOINT. — 17/AE501
4. EXTERIOR ALUMINUM DIVIDER RAIL. — 4/AE501
5. ALUMINUM GUARDRAIL. — 10/AE501
6. DATE STONE. — 18/AE501
7. DISPLAY CASE. — 6/AE501
8. DISPLAY CASE. — 5/AE503
9. ELECTRIC WATER COOLER.
10. 3'–1 1/2" GYPSUM BOARD BULKHEAD @ 11'–10" AFF. — 3/AE502
11. 5'–0" GYPSUM BOARD BULKHEAD @ 10'–8" AFF. — 2/AE501
12. STAIRS SIMILAR TO 13/AE502.
13. BRONZE PLAQUE.
14. ALUMINUM HANDRAIL.
15. RUBBER RAMP.
16. VOLLEYBALL FLOOR INSERT. — 4/AE501
17. SAFETY CUSHION WAINSCOT. — 4/AE502
18. RECESSED FIRE EXTINGUISHER CABINET. — 6/AE501
19. EXISTING FIRE EXTINGUISHER CABINET.

PLAN NOTES:

(APPLY TO THIS SHEET ONLY)

20. LINE OF SECOND FLOOR BALCONY ABOVE.
21. CERAMIC TILE AND VENTED BASE. — 8/AE501
22. ALUMINUM THRESHOLD.
23. ELECTRIC BASKETBALL BACKSTOP w/ SHOT CLOCK.
24. GYPSUM BOARD BULKHEAD @ 10'–0" AFF. — 2/AE501
25. LINE OF BLEACHERS IN FULLY EXTENDED POSITION. BLEACHERS NOT A PART OF THIS PROJECT.
26. MASONRY WALL INFILL. MATCH EXISTING THICKNESS.
27. LINE OF GYPSUM BOARD BULKHEAD @ 9'–10" AFF.
28. MASONRY SCREEN WALL. — 7/AE507
29. ELECTRIC BASKETBALL BACKSTOP. BACKSTOP AND GOAL SALVAGED AND RELOCATED FROM EA–141.
30. ALUMINUM GATE. — 12/AE501
31. PAINT EXISTING LOCKERS.
32. KNOX BOX AT HEIGHT PER LTFD.
33. ANNUNCIATOR PANEL.
34. VOLLEYBALL FLOOR MARKINGS.
35. 48"W×40"H ALUMINUM LOUVER. TOP @ ELEV. 115'–4" — 6/AE507
36. ELECTRONIC CARD READER. SEE ELECTRICAL DRAWINGS.

PLAN NOTES:

(APPLY TO THIS SHEET ONLY)

37. BENCH. — 8/AE502
38. SLOPE CONCRETE SLAB 1/4" PER 1'–0" THIS AREA. SLOPE TO START AT ELEV. 100'–0" AND SLOPE UP TO ELEV. 100'–1 7/8" OF WOOD FLOOR. VERIFY ELEVATION OF WOOD FLOOR WITH WOOD FLOOR MANUFACTURER.
39. 18"×18" REMOVABLE FLOOR PANEL. — 9/AE501
40. 24"×12" REMOVABLE FLOOR PANEL. — 5/AE501
41. INTERIOR ALUMINUM DIVIDER RAIL. — 15/AE501
42. PUSH PAD FOR POWER ASSISTED DOOR OPERATOR. SEE ELECTRICAL DRAWINGS.
43. EXISTING PULL UP BARS OVERHEAD.
44. ALUMINUM ROLLOUT MAT. — 15/AE507
45. ACOUSTICAL WALL TREATMENT INSTALLED TO FACE OF WALL.
46. SEE SHEET AE701 FOR INTERIOR ELEVATIONS. SEE SHEET AI402 FOR FLOOR PATTERN.
47. FREEE THROW LINE.
48. CEILING ACCESS PANEL.
49. EXISTING MASONRY OPENING @ ELEV. 110'–0".
50. WOOD FLOOR EXTENDS PAST DOOR INTO EXISTING TOILET ROOM.
51. SALVAGED MIRRORS AND LAVATORIES RELOCATED FROM EA101 AND EA115.
52. SEE SHEET AI401 FOR FLOOR PATTERN.

NOTE:
LIMITS OF EXISTING UTILITY TUNNEL AS SHOWN ARE FROM RECORD DRAWINGS AND ARE FOR INFORMATION ONLY. FIELD VERIFY EXACT LOCATION BEFORE CONSTRUCTION COMMENCES.

WALL TYPES

SEE SHEET GI202 FOR WALL TYPE DESCRIPTION.

A4	3 5/8"	B4	3 5/8"	C4	5"	E12	11 5/8"
A6	6 5/8"	B6	5 5/8"	C6	7"	F6	5 5/8"
A8	7 5/8"	B8	7 5/8"	D4	6"	F8	7 5/8"
A10	9 5/8"	B10	9 5/8"	D6	8"	F10	7 5/8"
A12	11 5/8"	B12	11 5/8"	E8	7 5/8"	F12	7 5/8"

UNIT "A" ARCHITECTURAL FIRST FLOOR PLAN

SCALE: 1/8" = 1'–0"

NORTH

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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

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PROJECT 06–612
DATE 03/19/07
COORDINATED BY LDH FGK
DRAWN BY MAM
CHECKED BY LDH FGK

LAWRENCE D. HAYES REGISTERED ARCHITECT NO. 4043 STATE OF INDIANA

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REVISIONS

MARK	DATE	ISSUED FOR

DRAWING
UNIT "A" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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SHEET
A AE101

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WALL TYPES

SEE SHEET GI202 FOR WALL TYPE DESCRIPTION.

A4 3 5/8"	B4 3 5/8"	C4 5"	E12 11 5/8"
A6 6 5/8"	B6 5 5/8"	C6 7"	F6 5 5/8"
A8 7 5/8"	B8 7 5/8"	D4 6"	F8 7 5/8"
A10 9 5/8"	B10 9 5/8"	D6 8"	F10 7 5/8"
A12 11 5/8"	B12 11 5/8"	E8 7 5/8"	F12 7 5/8"

GENERAL NOTES:

FOR GENERAL NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. SEE FIRST FLOOR LIFE SAFETY PLAN.

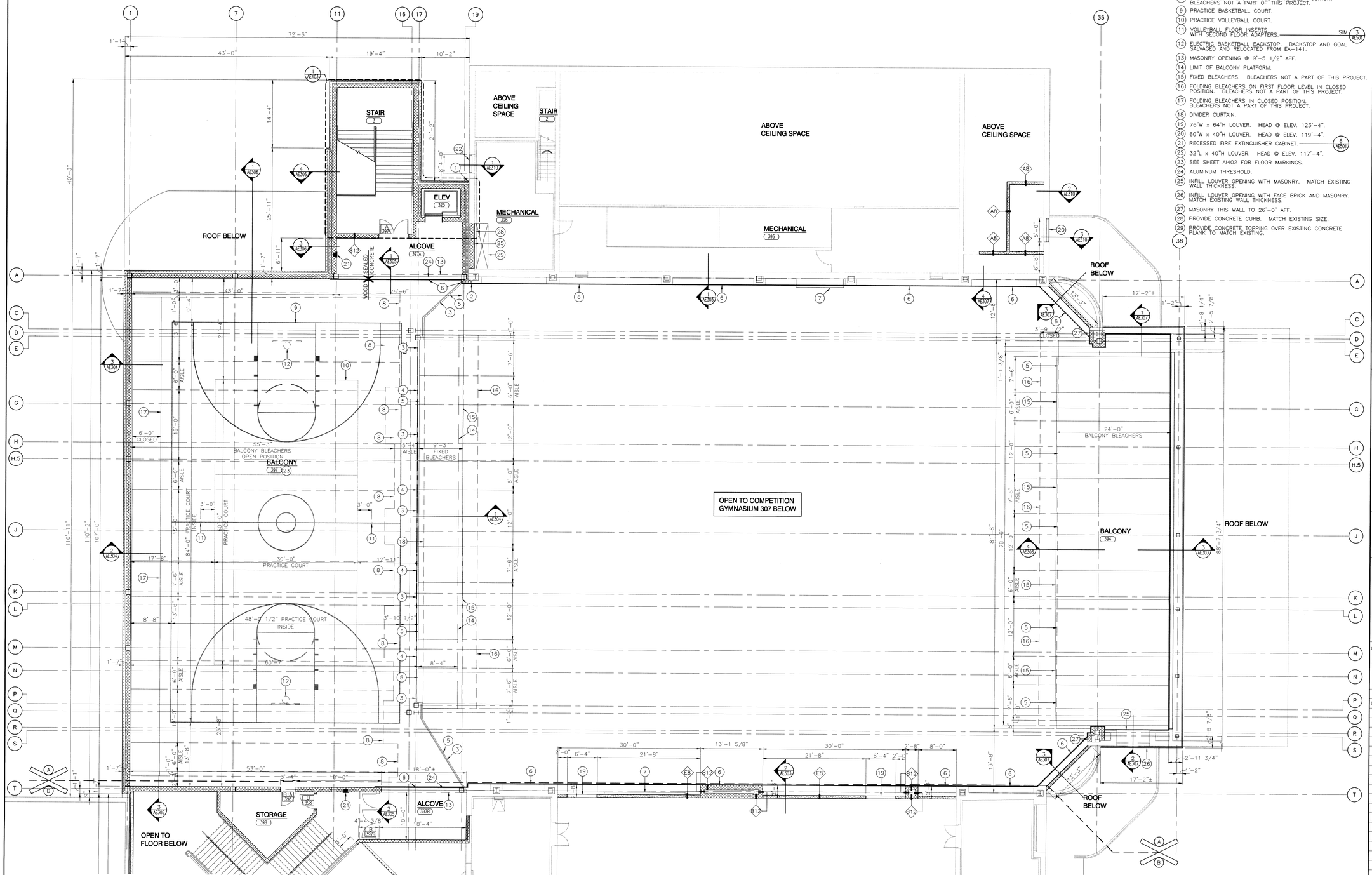
SEE DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

⟷ MISCELLANEOUS CASEWORK ELEVATION SYMBOL – SEE SHEET AI801 THRU AI802 FOR MISCELLANEOUS CASEWORK ELEVATIONS.

PLAN NOTES:

(APPLY TO THIS SHEET ONLY)

1. EXPANSION JOINT. — 18 AE501
2. EXPANSION JOINT. — 17 AE501
3. ALUMINUM GUARDRAIL. — 12 AE501
4. REMOVABLE ALUMINUM GUARDRAIL. — 12 AE501
5. LIMIT OF BALCONY FLOOR.
6. INTERIOR LINER PANEL OVERHEAD.
7. RELOCATED SCOREBOARD.
8. LINE OF BLEACHERS IN FULLY EXTENDED POSITION. BLEACHERS NOT A PART OF THIS PROJECT.
9. PRACTICE BASKETBALL COURT.
10. PRACTICE VOLLEYBALL COURT.
11. VOLLEYBALL FLOOR INSERTS WITH SECOND FLOOR ADAPTERS. — SIM 3 AE501
12. ELECTRIC BASKETBALL BACKSTOP. BACKSTOP AND GOAL SALVAGED AND RELOCATED FROM EA-141.
13. MASONRY OPENING @ 9'-5 1/2" AFF.
14. LIMIT OF BALCONY PLATFORM.
15. FIXED BLEACHERS. BLEACHERS NOT A PART OF THIS PROJECT.
16. FOLDING BLEACHERS ON FIRST FLOOR LEVEL IN CLOSED POSITION. BLEACHERS NOT A PART OF THIS PROJECT.
17. FOLDING BLEACHERS IN CLOSED POSITION. BLEACHERS NOT A PART OF THIS PROJECT.
18. DIVIDER CURTAIN.
19. 76"W x 64"H LOUVER. HEAD @ ELEV. 123'-4".
20. 60"W x 40"H LOUVER. HEAD @ ELEV. 119'-4".
21. RECESSED FIRE EXTINGUISHER CABINET. — 6 AE501
22. 32"L x 40"H LOUVER. HEAD @ ELEV. 117'-4".
23. SEE SHEET AI402 FOR FLOOR MARKINGS.
24. ALUMINUM THRESHOLD.
25. INFILL LOUVER OPENING WITH MASONRY. MATCH EXISTING WALL THICKNESS.
26. INFILL LOUVER OPENING WITH FACE BRICK AND MASONRY. MATCH EXISTING WALL THICKNESS.
27. MASONRY THIS WALL TO 26'-0" AFF.
28. PROVIDE CONCRETE CURB. MATCH EXISTING SIZE.
29. PROVIDE CONCRETE TOPPING OVER EXISTING CONCRETE PLANK TO MATCH EXISTING.



UNIT "A" ARCHITECTURAL SECOND FLOOR PLAN

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

NORTH

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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY LDH FGK
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CHECKED BY LDH FGK

LAWRENCE D HOYT REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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DRAWING
UNIT "A" ARCHITECTURAL SECOND FLOOR PLAN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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GENERAL NOTES:

FOR GENERAL NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. SEE FIRST FLOOR LIFE SAFETY PLAN.

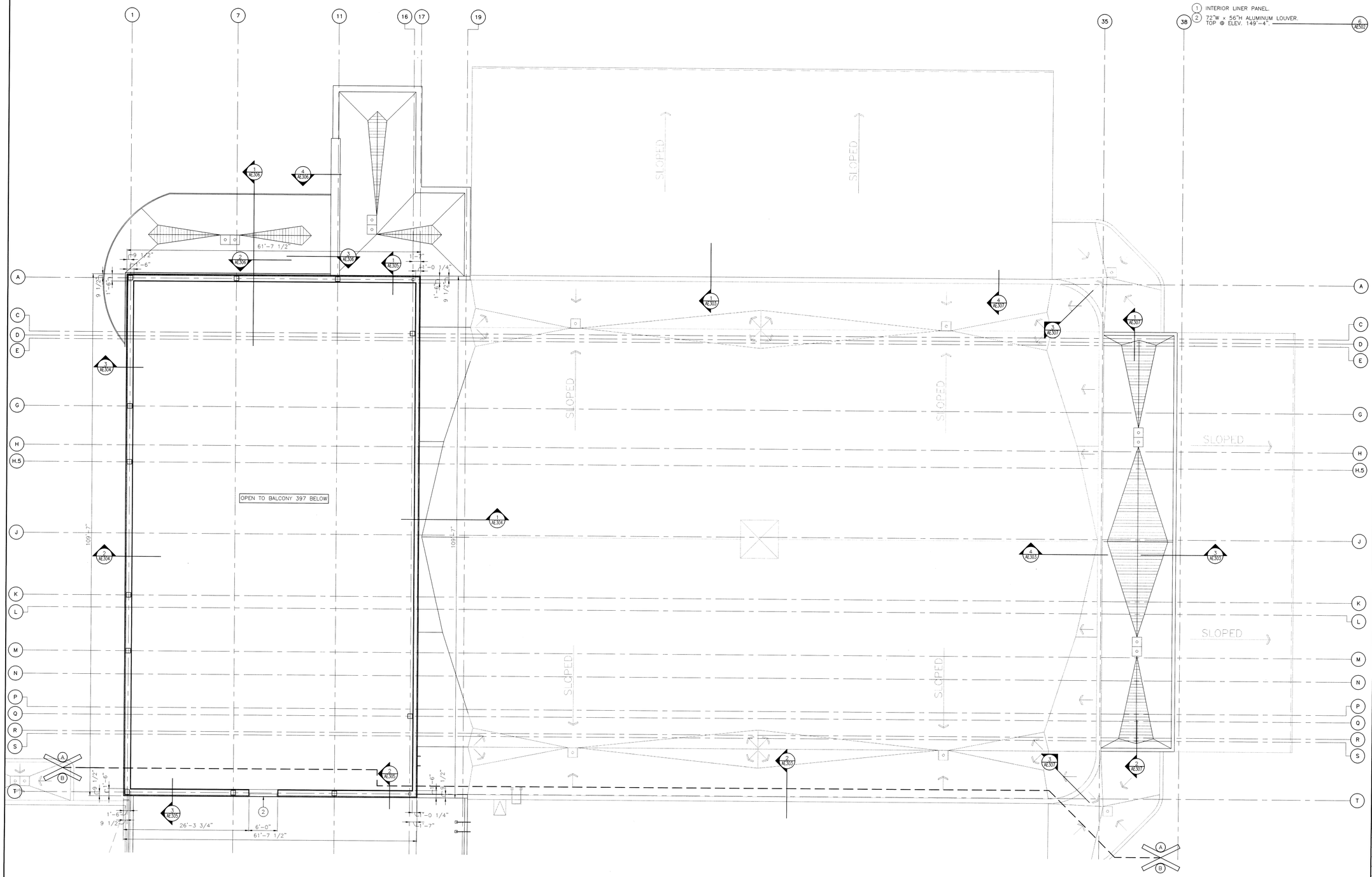
SEE DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

MISCELLANEOUS CASEWORK ELEVATION SYMBOL – SEE SHEET AI801 THRU AI802 FOR MISCELLANEOUS CASEWORK ELEVATIONS.

PLAN NOTES:

(APPLY TO THIS SHEET ONLY)

1. INTERIOR LINER PANEL.
2. 72"W x 56"H ALUMINUM LOUVER. TOP @ ELEV. 149'-4".



UNIT "A" ARCHITECTURAL UPPER BALCONY PLAN

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

NORTH

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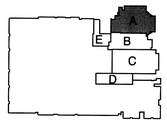
PROJECT

LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK

MSD OF LAWRENCE TOWNSHIP



KEY PLAN

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PROJECT 06-612

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UNIT "A" ARCHITECTURAL UPPER BALCONY PLAN

PROJECT

LAWRENCE CENTRAL HIGH SCHOOL

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A

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AE103

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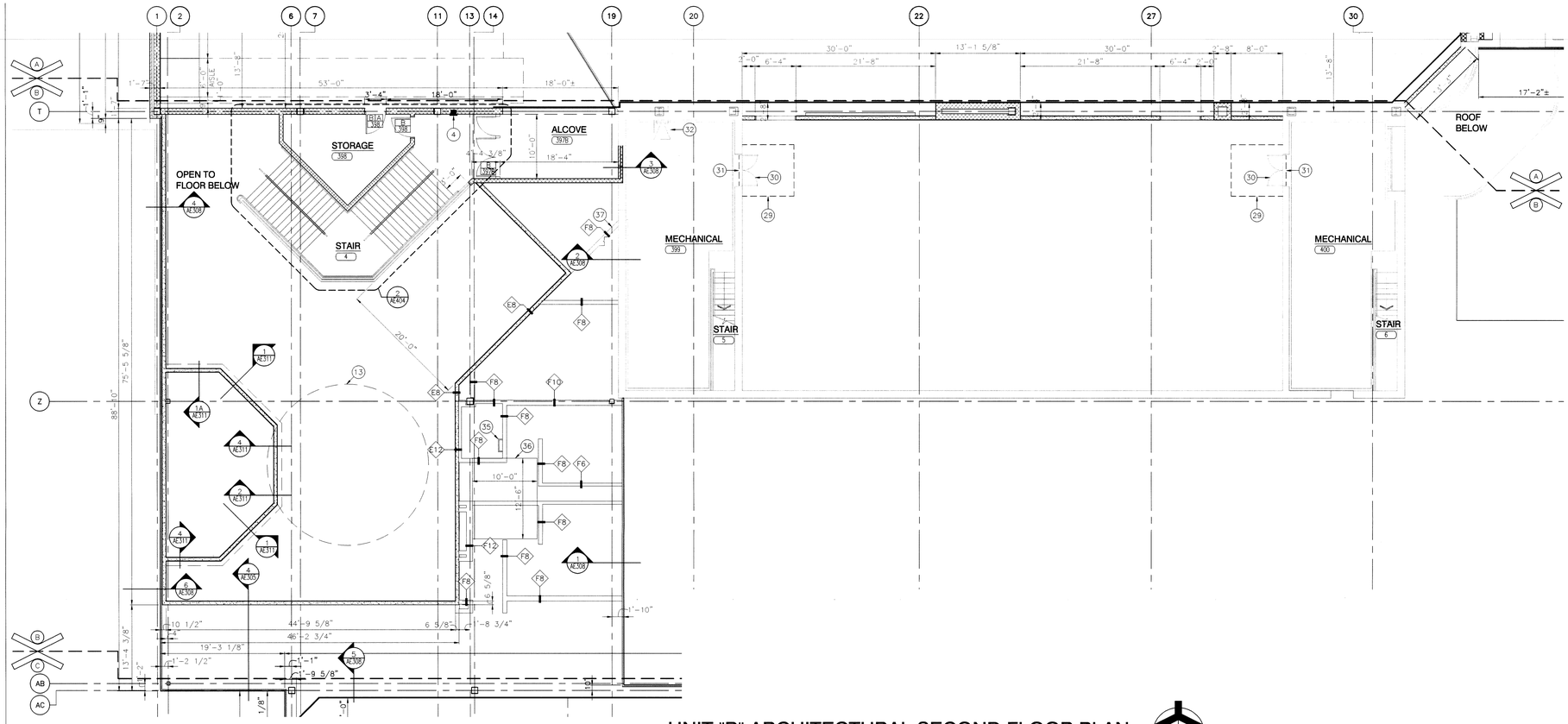
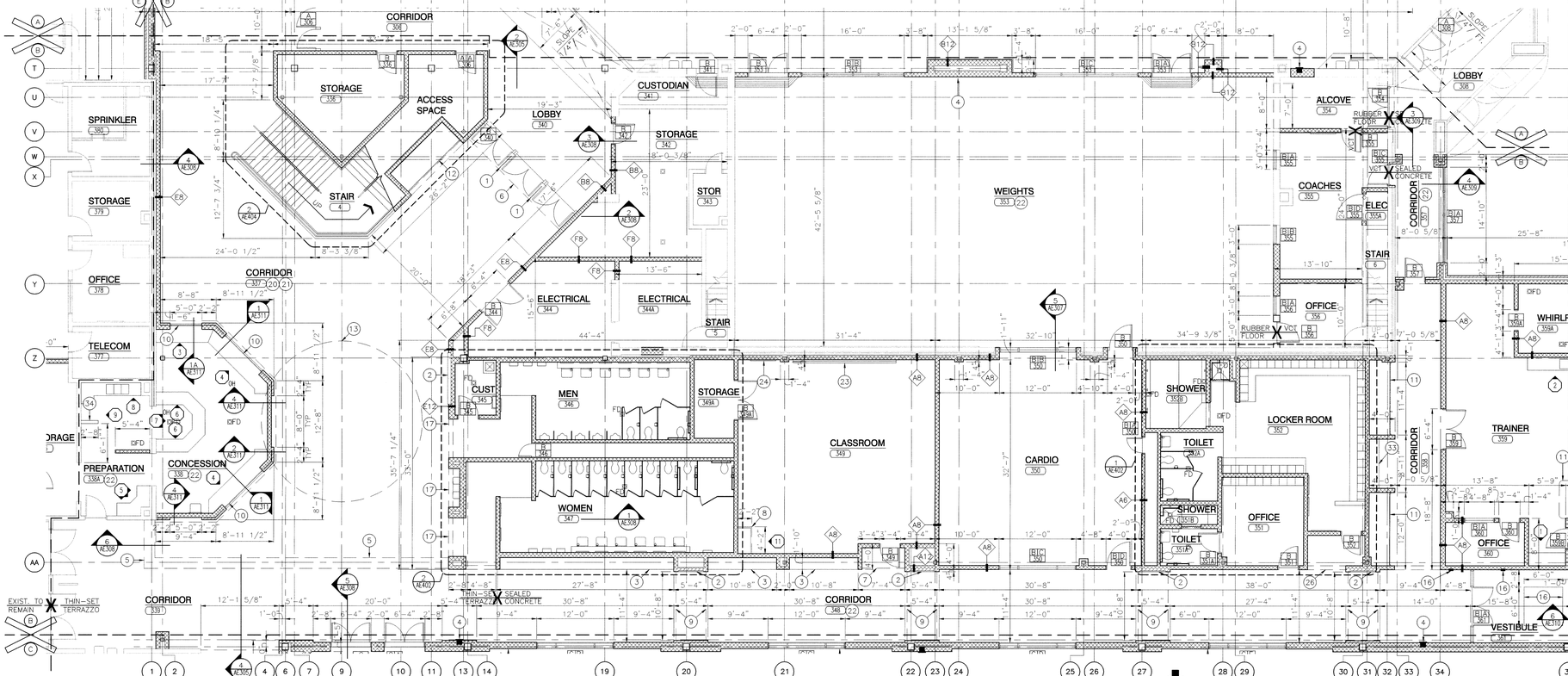


UNIT "B" ARCHITECTURAL SECOND FLOOR PLAN

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



UNIT "B" ARCHITECTURAL FIRST FLOOR PLAN

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

GENERAL NOTES:

FOR GENERAL NOTES, MATERIAL INDICATIONS, LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. SEE FIRST FLOOR LIFE SAFETY PLAN.

SEE DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

⟨→⟩ MISCELLANEOUS CASEWORK ELEVATION SYMBOL – SEE SHEET AI801 THRU AI802 FOR MISCELLANEOUS CASEWORK ELEVATIONS.

PLAN NOTES:

(APPLY TO THIS SHEET ONLY)

1. INTERIOR ALUMINUM DIVIDER RAIL. — 15 AE501
2. DISPLAY WALL AND GLAZED BRICK PIER. — 1 AE503
3. DISPLAY CASE. — 4 AE503
4. RECESSED FIRE EXTINGUISHER CABINET. — 6 AE501
5. 1'–8" GYPSUM BOARD BULKHEAD @ 9'–6" AFF. — 1 AE501
6. 3'–4" GYPSUM BOARD BULKHEAD @ 10'–0" AFF. — 2 AE501
7. 3'–6" GYPSUM BOARD BULKHEAD @ 8'–8" AFF. — 4 AE501
8. GYPSUM BOARD BULKHEAD @ 7'–0" AFF. — 2 AE501
9. 5'–0" GYPSUM BOARD BULKHEAD @ 8'–8" AFF. — 1 AE501
10. MANUAL ROLLING DOOR. — 1 AE311
11. ELECTRIC ROLLING DOOR. — 6 AE309
12. ELECTRIC ROLLING DOOR. — 7 AE309
13. FUTURE OVERHEAD GRAPHIC BY OWNER. SEE REFLECTED CEILING PLAN.
14. ALUMINUM THRESHOLD.
15. ELECTRONIC CARD READER. SEE ELECTRICAL DRAWINGS.
16. PUSH PAD FOR POWER ASSISTED DOOR OPERATOR. SEE ELECTRICAL DRAWINGS.
17. HEAD OF MASONRY OPENING @ 7'–4" AFF.
18. ALUMINUM HANDRAIL. — 13 AE501
19. ALUMINUM GUARDRAIL. — 11 AE502
20. SEE SHEET AE703 FOR INTERIOR ELEVATIONS.
21. SEE SHEET AI401 FOR FLOOR PATTERNS.
22. SEE SHEET AI402 FOR FLOOR PATTERNS.
23. MARKERBOARD. — 1 AE501
24. CORKBOARD. — 1 AE502
25. ALUMINUM ROLLOUT MAT. — 15 AE501
26. HEAD OF MASONRY OPENING AT 9'–4" AFF.
27. CURTAIN TRACK.
28. RECESSED CORKBOARD. — 7 AE501
29. PROVIDE 8'–0" x 8'–0" AREA IN ACOUSTICAL BOARD CEILING FOR EASY REMOVAL OF MAIN AND SECONDARY TEES.
30. EXISTING DOORS ABOVE NEW LAY–IN CEILING FOR ACCESS TO MECHANICAL ROOM.
31. PROVIDE SAFETY CHAIN WITH WARNING SIGN: WATCH YOUR STEP.
32. EXISTING STEEL LADDER AND ROOF ACCESS HATCH.
33. CONCRETE BENCH. — 8 AE507
34. 4'–0"H PARTIAL HEIGHT MASONRY WALL. — SIM. 11 AE401
35. 15'–6" TALL STEEL LADDER. — 2 SIM. AE315
36. MECHANICAL PLATFORM GRATING.
37. TOP OF MASONRY 10'–8" THIS WALL.

WALL TYPES

SEE SHEET GI202 FOR WALL TYPE DESCRIPTION.

A4 3 5/8"	B4 3 5/8"	C4 5"	E12 11 5/8"
A6 6 5/8"	B6 5 5/8"	C6 7"	F6 5 5/8"
A8 7 5/8"	B8 7 5/8"	D4 6"	F8 7 5/8"
A10 9 5/8"	B10 9 5/8"	D6 8"	F10 7 5/8"
A12 11 5/8"	B12 11 5/8"	E8 7 5/8"	F12 7 5/8"

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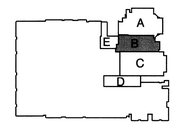
PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP



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DATE 03/19/07
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DRAWN BY MAM
CHECKED BY LDH FGK

LAWRENCE D. HOYE REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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DRAWING
UNIT "B" ARCHITECTURAL FIRST FLOOR AND SECOND FLOOR PLANS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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GENERAL NOTES:

FOR GENERAL NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. SEE FIRST FLOOR LIFE SAFETY PLAN.

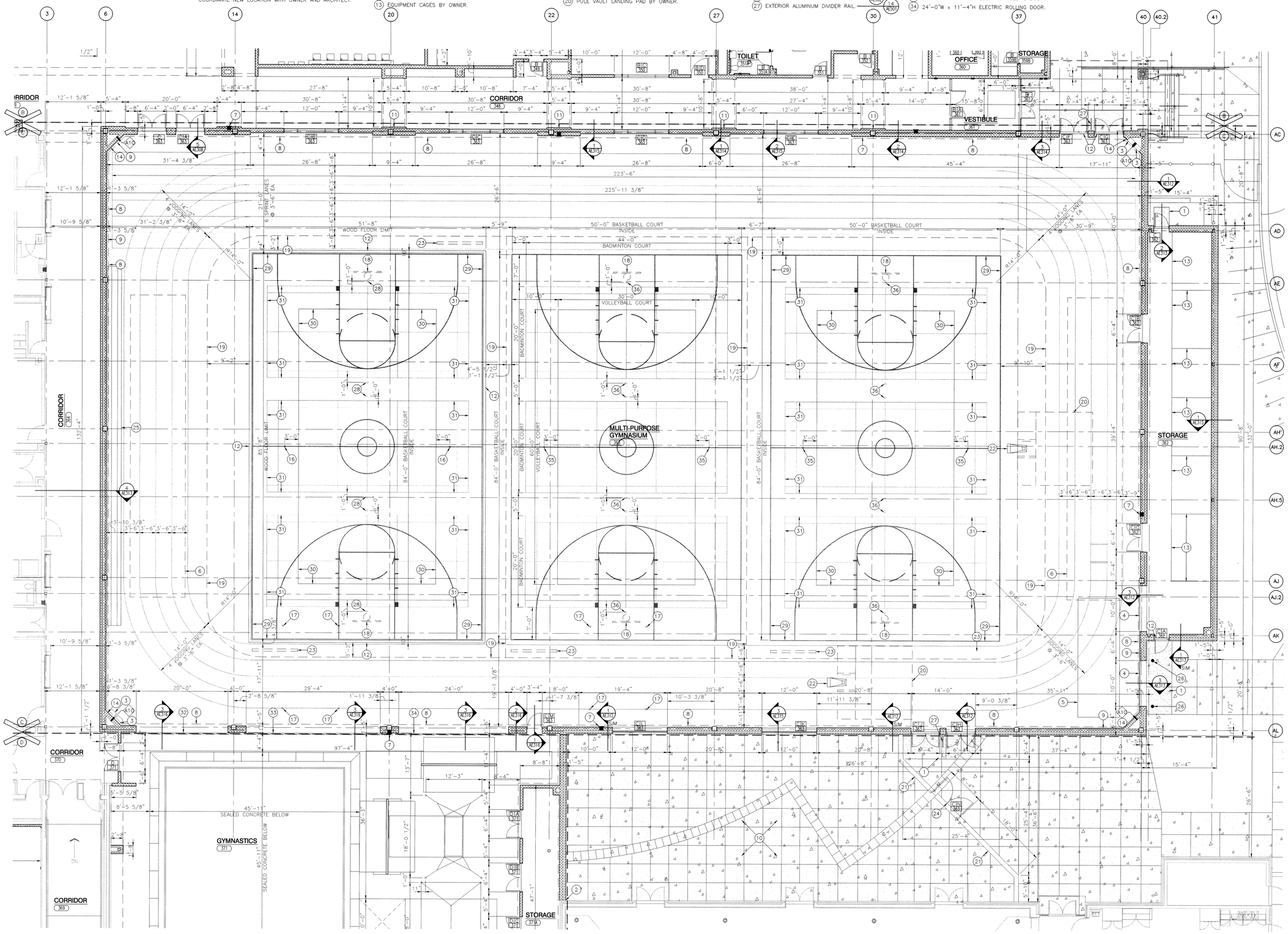
SEE DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

⟨→⟩ MISCELLANEOUS CASEWORK ELEVATION SYMBOL – SEE SHEET AI801 THRU AI802 FOR MISCELLANEOUS CASEWORK ELEVATIONS.

PLAN NOTES:

(APPLY TO THIS SHEET ONLY)

1. CONCRETE STOOP. SEE STRUCTURAL DRAWINGS.
2. EXPANSION JOINT. — 16 AE501
3. DRINKING FOUNTAIN.
4. 10'-0"W x 11'-4"H ELECTRIC ROLLING DOOR.
5. LONG JUMP LANDING PIT WITH COVER.
6. RELOCATED BATTING CAGES SUSPENDED FROM STRUCTURE. COORDIANTE NEW LOCATION WITH OWNER AND ARCHITECT.
7. RECESSED FIRE EXTINGUISHER CABINET. — 6 AE501
8. INTERIOR LINER PANEL OVERHEAD.
9. SAFETY CUSHION WAINSCOT. — 4 AE502
10. CONCRETE COURTYARD AREA. SEE CIVIL DRAWINGS.
11. GLAZED BRICK PIERS TO 10'-0" AFF.
12. ALUMINUM THRESHOLD.
13. EQUIPMENT CAGES BY OWNER.
14. TOP OF MASONRY ON THIS WALL @ 16'-0" AFF.
16. VOLLEYBALL FLOOR INSERT. — 3 AE501
17. GYMNASTICS FLOOR INSERT. VERIFY LOCATION WITH OWNER AND ARCHITECT. — 4 AE501
18. ELECTRIC BASKETBALL BACKSTOP WITH SHOT CLOCK.
19. DIVIDER CURTAIN.
20. POLE VAULT LANDING PAD BY OWNER.
21. SCREEN WALL. — 5 AE501
22. POLE VAULT PLANTING BOX WITH COVER.
23. SCOREBOARD. SEE ELECTRICAL DRAWINGS.
24. ALUMINUM GATE. — 7 AE501
25. BLEACHERS. NOT IN PROJECT.
26. BOLLARDS. SEE CIVIL DRAWINGS. — 9 AE501
27. EXTERIOR ALUMINUM DIVIDER RAIL. — 14 AE501
28. BADMINTON FLOOR INSERT. — 3 AE501
29. BASKETBALL COURT.
30. VOLLEYBALL COURT.
31. BADMINTON COURT.
32. 20'-0"W x 11'-4"H ELECTRIC ROLLING DOOR.
33. 29'-4"W x 11'-4"H ELECTRIC ROLLING DOOR.
34. 24'-0"W x 11'-4"H ELECTRIC ROLLING DOOR.
35. VOLLEYBALL FLOOR INSERT. — 4 AE504
36. BADMINTON FLOOR INSERT. — 2 AE504



UNIT "C" ARCHITECTURAL FIRST FLOOR PLAN

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

NORTH

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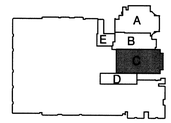
PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP



KEY PLAN

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LAWRENCE D HOYT REGISTERED NO 4043 STATE OF INDIANA ARCHITECT

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UNIT "C" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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C
AE105

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GENERAL NOTES:

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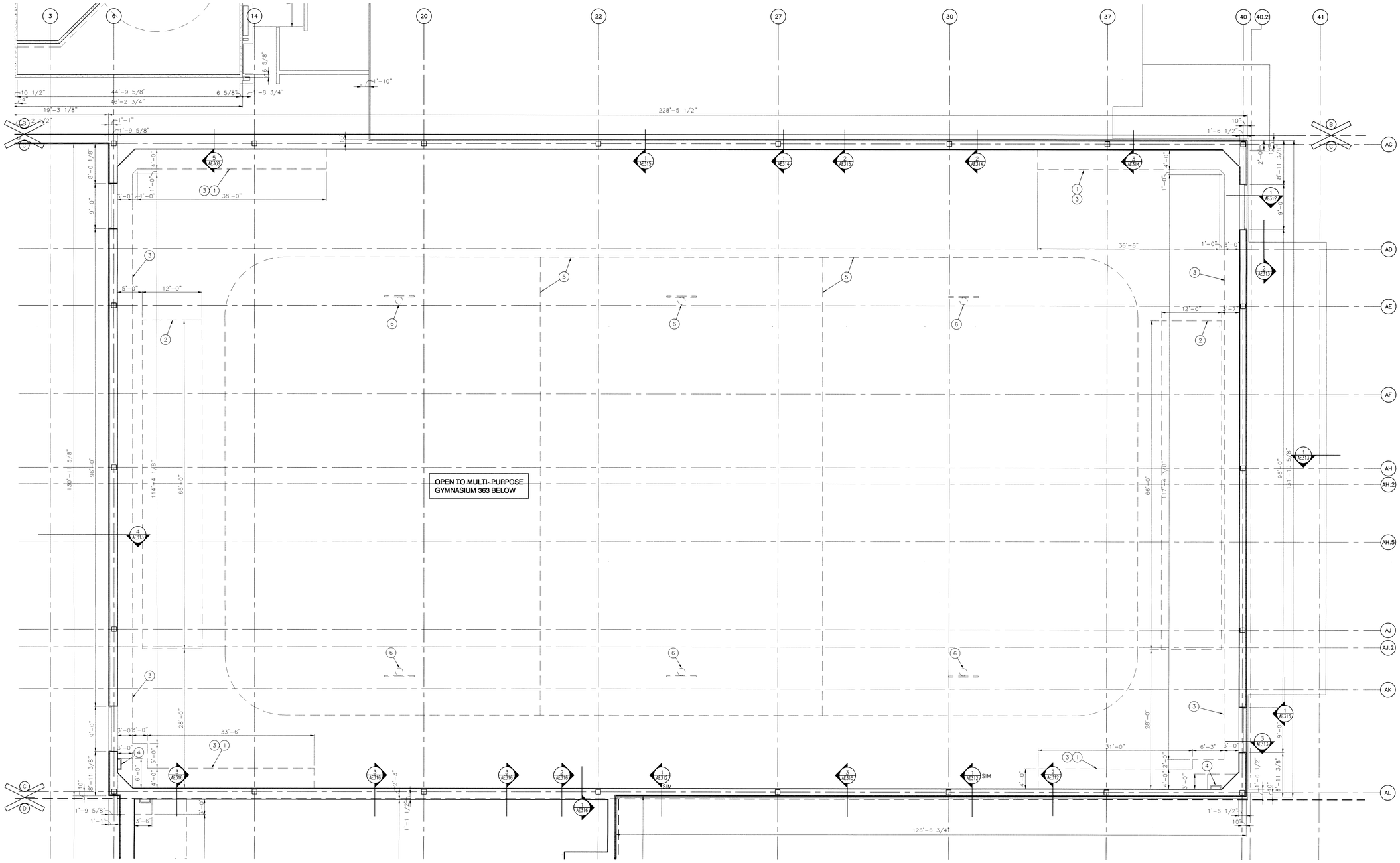
SEE DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

(...) MISCELLANEOUS CASEWORK ELEVATION SYMBOL - SEE SHEET AI801 THRU AI802 FOR MISCELLANEOUS CASEWORK ELEVATIONS.

PLAN NOTES:

(APPLY TO THIS SHEET ONLY)

1. VERIFY EDGE OF CATWALK LOCATION WITH MECHANICAL TRADES.
2. INSTALL SALVAGED BATTING CAGE FROM STRUCTURE ABOVE. COORDINATE LOCATION WITH OWNER AND ARCHITECT.
3. CATWALK. SEE STRUCTURAL DRAWINGS.
4. LADDER. SEE WALL SECTION 2/AE316 FOR DETAIL.
5. DIVIDER CURTAIN. SEE SHEET AE105 FOR LOCATION DIMENSIONS.
6. ELECTRIC BASKETBALL BACKSTOP. SEE SHEET AE105 FOR LOCATION DIMENSIONS.



UNIT "C" ARCHITECTURAL SECOND FLOOR PLAN

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

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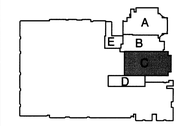
PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP



KEY PLAN

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UNIT "C" ARCHITECTURAL SECOND FLOOR PLAN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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GENERAL NOTES:

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SEE DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

(—) MISCELLANEOUS CASEWORK ELEVATION SYMBOL – SEE SHEET AI801 THRU AI802 FOR MISCELLANEOUS CASEWORK ELEVATIONS.

PLAN NOTES:

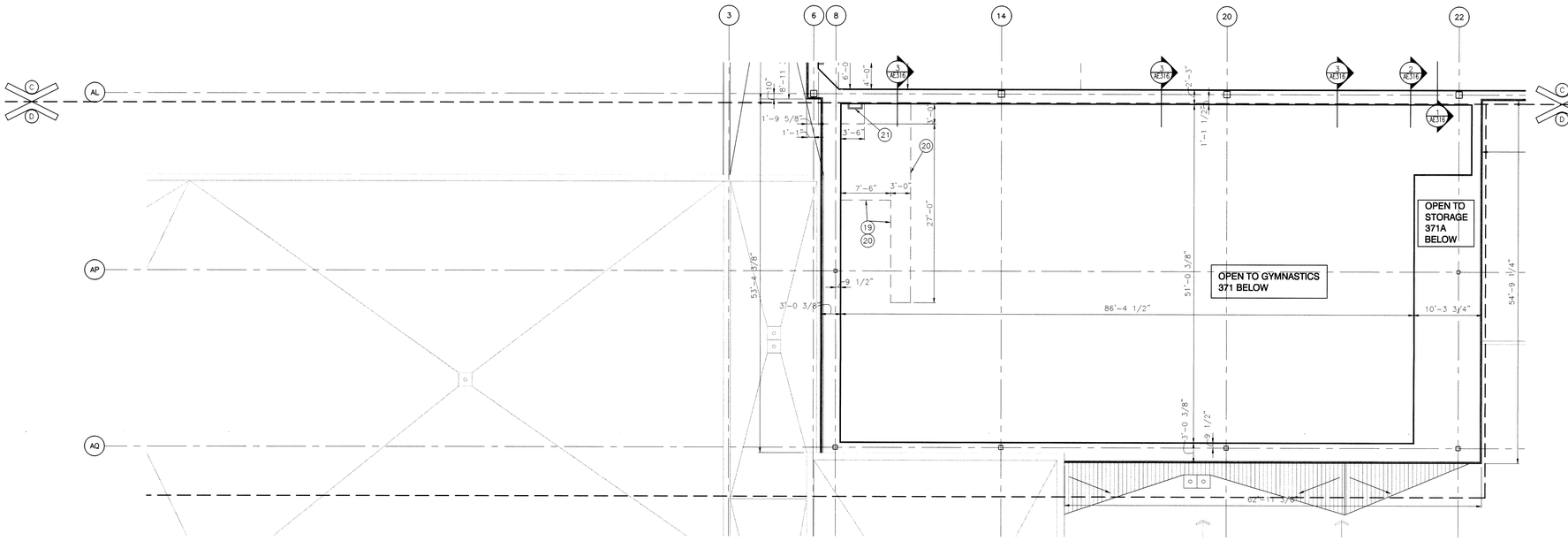
(APPLY TO THIS SHEET ONLY)

1. INTERIOR LINER PANEL.
2. JUMP PIT w/ FOAM BLOCK FILL. SEE STRUCTURAL DRAWINGS.
3. SPRING FLOOR (OFCI).
4. GYMNASTICS EQUIPMENT BY OWNER.
5. ALIGN WALLS.
6. GYPSUM BOARD BULKHEAD @ 7'-2" AFF. — 2/AE501
7. FLOOR INSERTS – GYMNASTICS UNEVEN BARS. — 4/AE504
8. FLOOR INSERTS – GYMNASTICS MENS HIGH BAR. — 4/AE504
9. EXPANSION JOINT. — 6/AE501
10. REINSTALL EXISTING ALUMINUM HANDRAIL.
11. MARKERBOARD. — 1/AE502
12. CORKBOARD. — 1/AE501
13. SAFETY CUSHION WAINSCOT. — 4/AE502
14. EXISTING 36"-0" BALLET BARRE RELOCATED. — 1/AE504, 2/AE504
15. EXPANSION JOINT. — 17/AE501
16. MIRRORS. — 1/AE504, 2/AE504
17. WALL INFILL.
18. GYPSUM BOARD BULKHEAD @ 8'-8" AFF. — 2/AE501
19. VERIFY EDGE OF CATWALK LOCATION WITH MECHANICAL TRADES.
20. CATWALK. SEE STRUCTURAL DRAWINGS.
21. LADDER. SEE WALL SECTION 2/AE316 FOR DETAIL.
22. ALUMINUM GUARDRAIL. — 5/AE502

WALL TYPES

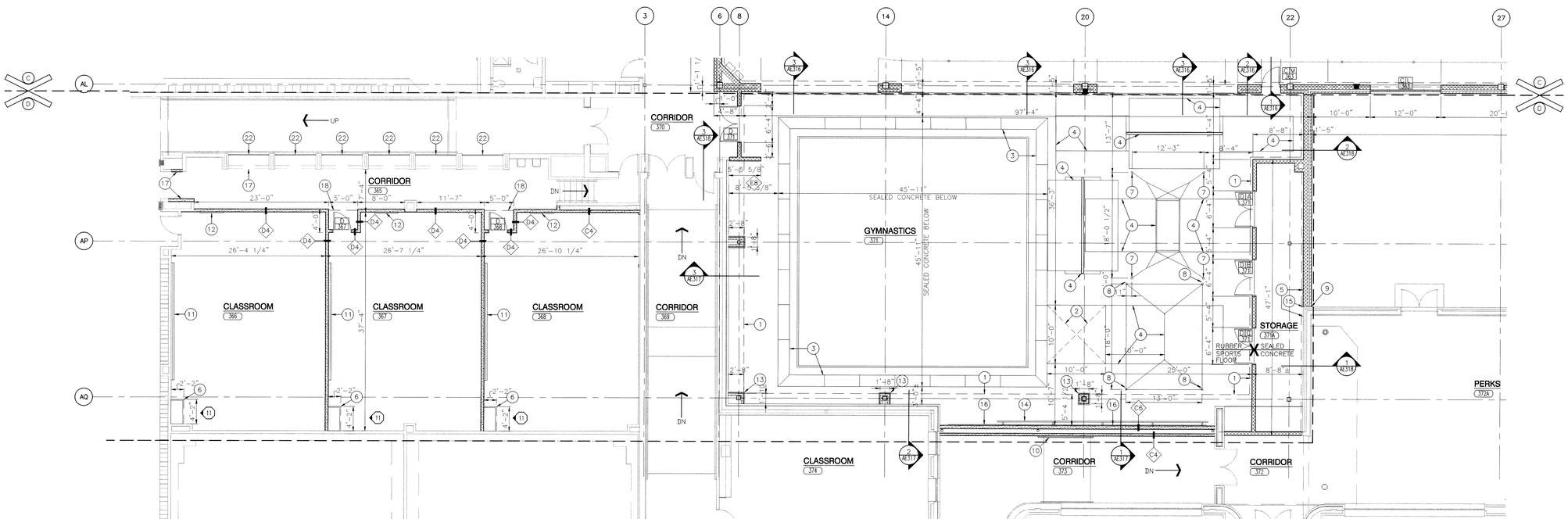
SEE SHEET GI202 FOR WALL TYPE DESCRIPTION.

A4 3 5/8"	B4 3 5/8"	C4 5"	E12 11 5/8"
A6 6 5/8"	B6 5 5/8"	C6 7"	F6 5 5/8"
A8 7 5/8"	B8 7 5/8"	D4 6"	F8 7 5/8"
A10 9 5/8"	B10 9 5/8"	D6 8"	F10 7 5/8"
A12 11 5/8"	B12 11 5/8"	E8 7 5/8"	F12 7 5/8"



UNIT "D" ARCHITECTURAL SECOND FLOOR PLAN

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



UNIT "D" ARCHITECTURAL FIRST FLOOR PLAN

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

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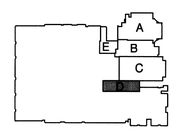
PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP



KEY PLAN

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PROJECT .06-612
DATE 03/19/07
COORDINATED BY RTC
DRAWN BY MAM
CHECKED BY LDH

LAWRENCE D. HIGGS REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR

DRAWING
UNIT "D" ARCHITECTURAL FIRST FLOOR AND SECOND FLOOR PLANS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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GENERAL NOTES:

FOR GENERAL NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. SEE FIRST FLOOR LIFE SAFETY PLAN.

SEE DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

MISCELLANEOUS CASEWORK ELEVATION SYMBOL – SEE SHEET AI801 THRU AI807 FOR MISCELLANEOUS CASEWORK ELEVATIONS.

PLAN NOTES:

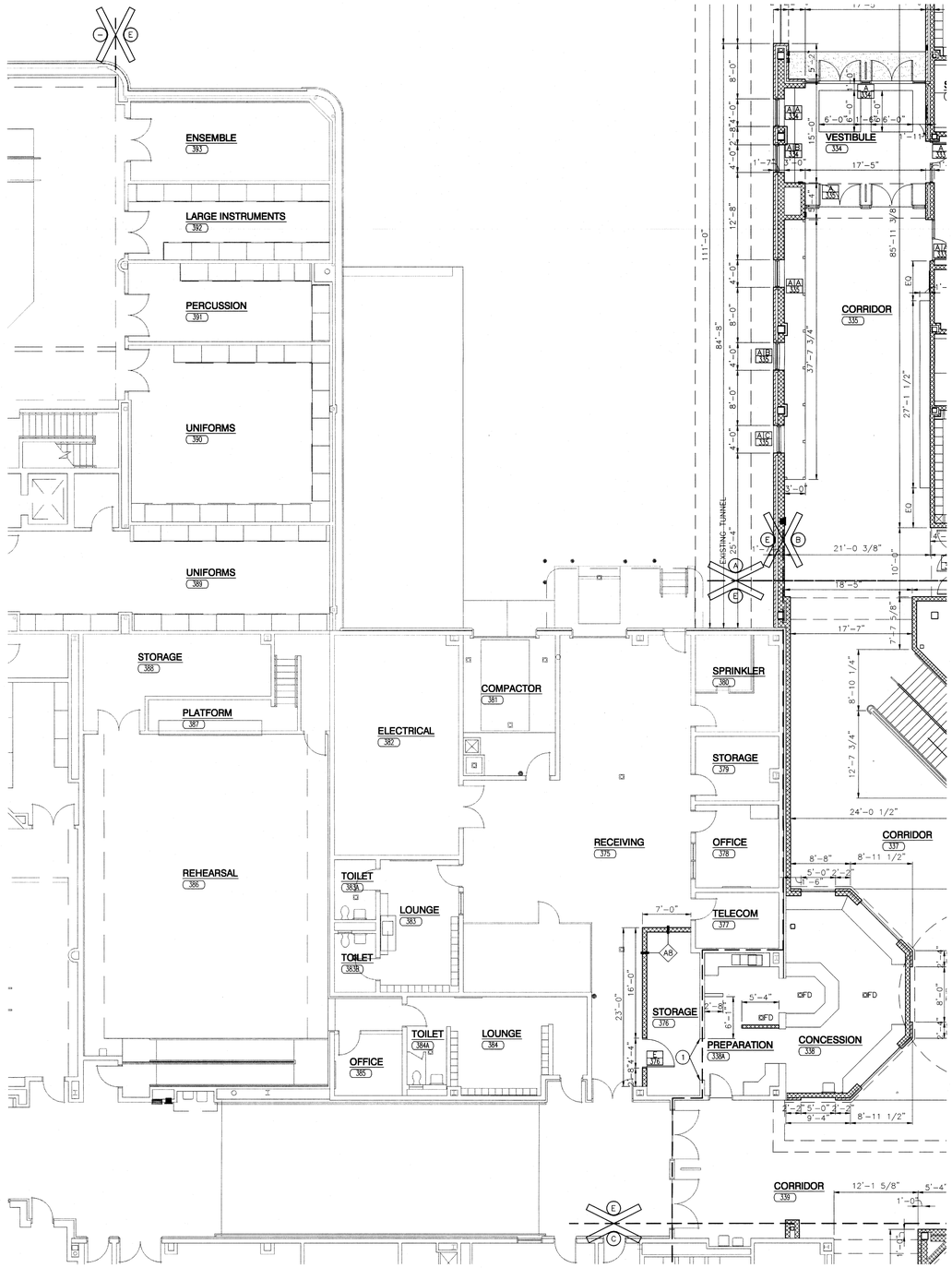
(APPLY TO THIS SHEET ONLY)

1. TOOTH-IN BULL NOSE BLOCK INTO EXISTING MASONRY WALL.

WALL TYPES

SEE SHEET GI202 FOR WALL TYPE DESCRIPTION.

A4 3 5/8"	B4 3 5/8"	C4 5"	E12 11 5/8"
A6 6 5/8"	B6 5 5/8"	C6 7"	F6 5 5/8"
A8 7 5/8"	B8 7 5/8"	D4 6"	F8 7 5/8"
A10 9 5/8"	B10 9 5/8"	D6 8"	F10 7 5/8"
A12 11 5/8"	B12 11 5/8"	E8 7 5/8"	F12 7 5/8"



UNIT "E" ARCHITECTURAL FIRST FLOOR PLAN

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

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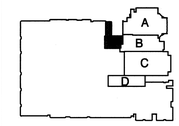
PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK

MSD OF LAWRENCE TOWNSHIP



KEY PLAN

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY LDH
DRAWN BY MAM
CHECKED BY LDH

LAWRENCE D ROYER REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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REVISIONS

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UNIT "E" ARCHITECTURAL FIRST FLOOR PLAN

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LAWRENCE CENTRAL HIGH SCHOOL

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ROOM FINISH SCHEDULE

NO.	DESCRIPTION	FLOOR FINISH	BASE MATERIAL	BASE HEIGHT	WALL MATERIAL	WALL N	WALL S	WALL E	WALL W	WINDOW STOOL	CEILING MATERIAL	CEILING HEIGHT	SEE NOTES
FIRST FLOOR - UNIT "D" (cont.)													
374	CLASSROOM	–	–	–	LIGHTWEIGHT BLOCK EXIST. FACE BRICK	– –	– –	– –	– –	–	–	–	–
FIRST FLOOR - UNIT "E"													
375	RECEIVING	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
376	STORAGE	VINYL COMPOSITION TILE	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	– W	W –	W –	– W	–			–
377	TELECOM	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
378	OFFICE	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
379	STORAGE	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
380	SPRINKLER	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
381	COMPACTOR	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
382	ELECTRICAL	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
383	LOUNGE	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
383A	TOILET	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
383B	TOILET	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
384	LOUNGE	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
384A	TOILET	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
385	OFFICE	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
386	REHEARSAL	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
387	PLATFORM	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
388	STORAGE	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
389	UNIFORMS	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
390	UNIFORMS	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
391	PERCUSSION	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
392	LARGE INSTRUMENTS	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
393	ENSEMBLE	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
SECOND FLOOR - UNIT "A"													
394	BALCONY	SEALED CONCRETE	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK LINER PANEL	P P P	P P P	P P P	– – –	–	EXPOSED STRUCTURE	–	4
395	MECHANICAL	EXIST. CONCRETE	–	–	EXIST. LIGHTWEIGHT BLOCK	–	–	–	–	–	EXPOSED STRUCTURE	–	–
396	MECHANICAL	EXIST. CONCRETE	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	– –	– –	– –	– –	–	EXPOSED STRUCTURE	–	–
397	BALCONY	WOOD	VENTED RUBBER BASE	–	LIGHTWEIGHT BLOCK LINER PANEL	W P	W P	– P	W P	–	EXPOSED STRUCTURE	–	6, 7
397A	ALCOVE	SEALED CONCRETE	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	W	W	–	ACOUSTICAL BOARD	10'–0"	–
SECOND FLOOR - UNIT "B"													
397B	ALCOVE	SEALED CONCRETE	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	W	W	–	ACOUSTICAL BOARD	10'–0"	–
398	STORAGE	SEALED CONCRETE	VINYL	4"	LIGHTWEIGHT BLOCK	P	P	P	P	–	ACOUSTICAL BOARD	9'–4"	–
399	MECHANICAL	EXIST. CONCRETE	–	–	EXIST. LIGHTWEIGHT BLOCK	–	–	–	–	–	EXPOSED STRUCTURE	–	–
400	MECHANICAL	EXIST. CONCRETE	–	–	EXIST. LIGHTWEIGHT BLOCK	–	–	–	–	–	EXPOSED STRUCTURE	–	–
401	MECHANICAL	EXIST. CONCRETE	–	–	EXIST. LIGHTWEIGHT BLOCK	–	–	–	–	–	EXPOSED STRUCTURE	–	–
STAIRS													
2	STAIR	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
3	STAIR	SEALED CONCRETE	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	W	W	–	–	–	2
4	STAIR	PRE-CAST TERRAZZO	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	W	W	–	OPEN CEILING GRID	26'–0"	6
5	STAIR	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXIST. LIGHTWEIGHT BLOCK	–	–	–	–	–	EXPOSED STRUCTURE	–	–
6	STAIR	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXIST. LIGHTWEIGHT BLOCK	–	–	–	–	–	EXPOSED STRUCTURE	–	–

NOTES:
1. P = PAINT. F = WALL FABRIC. W = WALL COATING.
2. SEE SHEET AE403 FOR CEILING LOCATION.
3. WALL COATING TO 10'–0", PAINT ABOVE.
4. PAINT EXPOSED STRUCTURE. SEE SHEET AC101 FOR ACOUSTICAL BAFFLES.
5. EXISTING CERAMIC TILE WAINSCOT AT 7'–4", WALL COATING ABOVE.
6. PAINT EXPOSED STRUCTURE.
7. WALL COATING TO 12'–1 1/2", PAINT ABOVE.
8. SEE INTERIOR ELEVATIONS ON

ROOM FINISH SCHEDULE

NO.	DESCRIPTION	FLOOR FINISH	BASE MATERIAL	BASE HEIGHT	WALL MATERIAL	WALL N	WALL S	WALL E	WALL W	WINDOW STOOL	CEILING MATERIAL	CEILING HEIGHT	SEE NOTES
FIRST FLOOR - UNIT "A" (cont.)													
333	WAITING	CARPET	VINYL	4"	LIGHTWEIGHT BLOCK	P	P	P	P	–	ACOUSTICAL BOARD	9'–4"	–
334	VESTIBULE	PORCELIN PAVERS	VINYL	4"	LIGHTWEIGHT BLOCK GLAZED BLOCK	W	W	W	W –	–	ACOUSTICAL BOARD	12'–0"	–
335	CORRIDOR	THIN-SET TERRAZZO	VINYL	4"	LIGHTWEIGHT BLOCK GLAZED BLOCK	W	W	W	W –	–	OPEN CEILING GRID	12'–0"	6
FIRST FLOOR - UNIT "B"													
336	STORAGE	SEALED CONCRETE	VINYL	4"	LIGHTWEIGHT BLOCK	P	P	P	P	–	ACOUSTICAL BOARD	9'–4"	–
337	CORRIDOR	THIN-SET TERRAZZO	VINYL	4"	LIGHTWEIGHT BLOCK GYPSUM BOARD GLAZED BRICK	W P	W P	P	W P	–	OPEN CEILING GRID	26'–0"	6, 8
338	CONCESSION	VINYL COMPOSITION TILE	VINYL	4"	LIGHTWEIGHT BLOCK EXIST. FACE BRICK EXIST. LIGHTWEIGHT BLOCK	W – –	W – –	W – W	W W W	–	ACOUSTICAL BOARD	9'–4"	–
338A	PREPARATION	VINYL COMPOSITION TILE	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	W W	W W	W W	W W	–	ACOUSTICAL BOARD	9'–4"	–
339	CORRIDOR	THIN-SET TERRAZZO	VINYL	4"	LIGHTWEIGHT BLOCK GLAZED BRICK	W	W	W –	W	–	ACOUSTICAL BOARD	9'–8"	–
340	LOBBY	THIN-SET TERRAZZO	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	W	W	–	ACOUSTICAL BOARD	10'–0"	–
341	CUSTODIAN	EXIST. CONCRETE	EXIST. RUBBER	4"	EXIST. LIGHTWEIGHT BLOCK	P	P	P	P	–	EXPOSED STRUCTURE	–	–
342	STORAGE	SEALED CONCRETE	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	P P	P P	P –	W P	–	ACOUSTICAL BOARD	9'–4"	–
343	STOR	EXIST. CONCRETE	EXIST. RUBBER	4"	EXIST. LIGHTWEIGHT BLOCK	P	P	P	P	–	ACOUSTICAL BOARD	9'–0"	–
344	ELECTRICAL	SEALED CONCRETE	VINYL	4"	LIGHTWEIGHT BLOCK EXIST. FACE BRICK	P –	P –	P P	– –	–	ACOUSTICAL BOARD	9'–4"	–
344A	ELECTRICAL	SEALED CONCRETE	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	– P	P P	P –	P P	–	ACOUSTICAL BOARD	9'–4"	–
345	CUST	SEALED CONCRETE	VINYL	4"	LIGHTWEIGHT BLOCK	P	P	P	P	–	EXPOSED STRUCTURE	–	–
346	MEN	PORCELAIN PAVERS	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	W	W	–	VINYL-FACED ACOUSTICAL BOARD	9'–4"	–
347	WOMEN	PORCELAIN PAVERS	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	W	W	–	VINYL-FACED ACOUSTICAL BOARD	9'–4"	–
348	CORRIDOR	SEALED CONCRETE	VINYL	4"	LIGHTWEIGHT BLOCK GLAZED BRICK	W –	W –	– –	– –	–	ACOUSTICAL BOARD	9'–8"	–
349	CLASSROOM	VINYL COMPOSITION TILE	VINYL	4"	LIGHTWEIGHT BLOCK	P	P	P	P	–	ACOUSTICAL BOARD	9'–4"	–
349A	STORAGE	SEALED CONCRETE	VINYL	4"	LIGHTWEIGHT BLOCK	P	P	P	P	–	ACOUSTICAL BOARD	9'–4"	–
350	CARDIO	RUBBER FLOORING	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	W	W	–	ACOUSTICAL BOARD	9'–8"	–
351	OFFICE	VINYL COMPOSITION TILE	VINYL	4"	LIGHTWEIGHT BLOCK	P	P	P	P	–	ACOUSTICAL BOARD	9'–4"	–
351A	TOILET	CERAMIC TILE	CERAMIC TILE	5"	LIGHTWEIGHT BLOCK	W	W	W	W	–	VINYL-FACED ACOUSTICAL BOARD	9'–4"	–
351B	SHOWER	ABRASIVE CERAMIC TILE	CERAMIC TILE	5"	LIGHTWEIGHT BLOCK	W	W	W	W	–	KEENES CEMENT PLASTER	9'–2"	–
352	LOCKER ROOM	SEALED CONCRETE	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	W	W	–	VINYL-FACED ACOUSTICAL BOARD	10'–0"	–
352A	TOILET	SEALED CONCRETE	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	W	W	–	VINYL-FACED ACOUSTICAL BOARD	10'–0"	–
352B	SHOWER	ABRASIVE CERAMIC TILE	CERAMIC TILE	5"	LIGHTWEIGHT BLOCK	W	W	W	W	–	KEENES CEMENT PLASTER	9'–10"	–
353	WEIGHTS	RUBBER FLOORING	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	– W	W W	W W	W –	–	IMPACT CEILING	12'–0"	–
354	ALCOVE	RUBBER FLOORING	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	W W	– W	W W	– W	–	ACOUSTICAL BOARD	9'–4"	–
355	COACHES	VINYL COMPOSITION TILE	VINYL	4"	LIGHTWEIGHT BLOCK	P	P	P	P	–	ACOUSTICAL BOARD	9'–4"	–
355A	ELEC	EXIST. CONCRETE	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	– P	P –	P –	– P	–	ACOUSTICAL BOARD	9'–4"	–
356	OFFICE	VINYL COMPOSITION TILE	VINYL	4"	LIGHTWEIGHT BLOCK EXIST. LIGHTWEIGHT BLOCK	P –	– P	– P	P –	–	ACOUSTICAL BOARD	9'–4"	–
357	CORRIDOR	SEALED CONCRETE	VINYL	4"	EXIST. BRICK LIGHTWEIGHT BLOCK	– –	– W	W W	– –	–	ACOUSTICAL BOARD	10'–0"	–
358	CORRIDOR	SEALED CONCRETE	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	W	W	–	ACOUSTICAL BOARD	9'–8"	–
359	TRAINER	SEALED CONCRETE	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	W	W	–	ACOUSTICAL BOARD	9'–4"	–
359A	WHIRLPOOL	SEALED CONCRETE (SLIP-RESISTANT)	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	W	W	–	ACOUSTICAL BOARD	9'–4"	–
359B	STORAGE	SEALED CONCRETE	VINYL	4"	LIGHTWEIGHT BLOCK	P	P	P	P	–	ACOUSTICAL BOARD	9'–4"	–
360	OFFICE	VINYL COMPOSITION TILE	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	W	W	–	ACOUSTICAL BOARD	9'–4"	–
361	VESTIBULE	PORCELIN PAVERS	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	–	–	–	ACOUSTICAL BOARD	9'–8"	–
FIRST FLOOR - UNIT "C"													
362	STORAGE	SEALED CONCRETE	VINYL	4"	LIGHTWEIGHT BLOCK	–	–	–	–	–	EXPOSED STRUCTURE	–	6
363	MULTI-PURPOSE GYMNASIUM	RUBBER SPORTS FLOOR COVERING, WOOD	VINYL	4"	LIGHTWEIGHT BLOCK LINER PANEL	W –	W –	W –	W –	–	EXPOSED STRUCTURE	–	6
364	CORRIDOR	VINYL COMPOSITION TILE	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	– –	W –	– W	W –	–	ACOUSTICAL BOARD	8'–8"	–
FIRST FLOOR - UNIT "D"													
365	CORRIDOR	VINYL COMPOSITION TILE	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK GYPSUM BOARD	W W	W W	W –	W –	–	ACOUSTICAL BOARD	9'–4"	–
366	CLASSROOM	CARPET	VINYL	4"	EXIST. GYPSUM BOARD GYPSUM BOARD	P P	P –	– P	P –	–	ACOUSTICAL BOARD	9'–4"	–
367	CLASSROOM	CARPET	VINYL	4"	EXIST. GYPSUM BOARD GYPSUM BOARD	– P	P –	– P	– P	–	ACOUSTICAL BOARD	9'–4"	–
368	CLASSROOM	CARPET	VINYL	4"	EXIST. GYPSUM BOARD GYPSUM BOARD	– P	P –	– P	– P	–	ACOUSTICAL BOARD	9'–4"	–
369	CORRIDOR	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
370	CORRIDOR	VINYL COMPOSITION TILE	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	– –	W –	– W	W –	–	ACOUSTICAL BOARD	9'–8"	–
371	GYMNASTICS	RUBBER FLOORING SEALED CONCRETE	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK LINER PANEL	– W –	W – W	– – W	– – W	–	EXPOSED STRUCTURE	–	6
371A	STORAGE	SEALED CONCRETE	VINYL	4"	LIGHTWEIGHT BLOCK EXIST. FACE BRICK	P –	P –	P P	P –	–	ACOUSTICAL BOARD	9'–4"	–
372	CORRIDOR	EXIST. TO REMAIN	VINYL	4"	LIGHTWEIGHT BLOCK EXIST. FACE BRICK	W –	– –	– –	– –	–	–	–	–
372A	PERKS	EXIST. TO REMAIN	EXIST. TO REMAIN	–	EXISTING	–	–	–	–	–	EXIST. TO REMAIN	–	–
373	CORRIDOR	EXIST. CARPET	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK EXIST. FACE BRICK GYPSUM BOARD	– – P	– – –	– – –	– – –	–	EXPOSED STRUCTURE	–	–

ROOM FINISH SCHEDULE

NO.	DESCRIPTION	FLOOR FINISH	BASE MATERIAL	BASE HEIGHT	WALL MATERIAL	WALL N	WALL S	WALL E	WALL W	WINDOW STOOL	CEILING MATERIAL	CEILING HEIGHT	SEE NOTES
FIRST FLOOR - UNIT "A"													
301	ATHLETIC DIRECTOR	CARPET	VINYL	4"	LIGHTWEIGHT BLOCK	P	P	P	P	–	ACOUSTICAL BOARD	9'–0"	–
302	CORRIDOR	VINYL COMPOSITION TILE	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	W	W	–	ACOUSTICAL BOARD	9'–0"	–
303	CUST & SOUND	SEALED CONCRETE	VINYL	4"	LIGHTWEIGHT BLOCK	P	P	P	P	–	ACOUSTICAL BOARD	9'–0"	–
304	GIRLS LOCKERS	CERAMIC TILE	CERAMIC TILE	5"	LIGHTWEIGHT BLOCK	W	W	W	W	–	VINYL-FACED ACOUSTICAL BOARD	10'–0"	–
304A	TOILET	CERAMIC TILE	CERAMIC TILE	5"	LIGHTWEIGHT BLOCK	W	W	W	W	–	VINYL-FACED ACOUSTICAL BOARD	10'–0"	–
304B	SHOWER	ABRASIVE CERAMIC TILE	CERAMIC TILE	5"	LIGHTWEIGHT BLOCK	W	W	W	W	–	KEENES CEMENT PLASTER	9'–10"	–
304C	DRYING	ABRASIVE CERAMIC TILE	CERAMIC TILE	5"	LIGHTWEIGHT BLOCK	W	W	W	W	–	KEENES CEMENT PLASTER	9'–10"	–
305	OFFICE	CARPET	VINYL	4"	LIGHTWEIGHT BLOCK	P	P	P	P	–	ACOUSTICAL BOARD	9'–0"	–
306	CORRIDOR	THIN-SET TERRAZZO	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	W	W	–	ACOUSTICAL BOARD	10'–0"	–
307	GYMNASIUM	WOOD CERAMIC TILE	VENTED RUBBER BASE	–	LIGHTWEIGHT BLOCK GYPSUM BOARD LINER PANEL	W P	W P	W P	W P	–	EXPOSED STRUCTURE ACOUST. BAFFLES	–	3, 4
308	LOBBY	SEALED CONCRETE	VINYL	4"	EXIST. FACE BRICK	–	–	–	–	–	ACOUSTICAL BOARD	10'–0"	–
309	OFFICE	CARPET	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	P –	P –	P –	P P	–	ACOUSTICAL BOARD	9'–0"	–
309A	TOILET	CERAMIC TILE	CERAMIC TILE	5"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	W –	W –	W W	– W	–	VINYL-FACED ACOUSTICAL BOARD	8'–8"	–
309B	SHOWER	ABRASIVE CERAMIC TILE	CERAMIC TILE	5"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	– W	W –	W –	– –	–	KEENES CEMENT PLASTER	8'–6"	–
310	MUD ROOM	EXIST. CONCRETE	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK	W	W	W	W	–	ACOUSTICAL BOARD	10'–0"	–
311	PE LOCKER	EXIST. CER. TILE	EXIST. CERAMIC TILE	4 1/4"	EXIST. CER. TILE EXIST. LIGHTWEIGHT BLOCK	– W	– W	– W	– W	–	VINYL-FACED ACOUSTICAL BOARD	8'–8" 10'–0"	5
311A	TOILET	EXIST. CER. TILE	EXIST. CERAMIC TILE	4 1/4"	EXISTING CER. TILE EXIST. LIGHTWEIGHT BLOCK	– W	– W	– W	– W	–	VINYL-FACED ACOUSTICAL BOARD	8'–8"	5
311B	SHOWER	EXIST. CER. TILE	EXIST. CERAMIC TILE	4 1/4"	EXIST. CER. TILE	–	–	–	–	–	KEENES CEMENT PLASTER	8'–8"	–
311C	DRY	EXIST. CER. TILE	EXIST. CERAMIC TILE	4 1/4"	EXIST. CER. TILE EXISTING LIGHTWEIGHT BLOCK	– W	– W	– W	– W	–	KEENES CEMENT PLASTER	8'–8"	5
312	CUST	EXIST. CONCRETE	EXIST. RUBBER	4"	EXIST. LIGHTWEIGHT BLOCK	P	P	P	P	–	ACOUSTICAL BOARD	8'–8"	–
313	CORRIDOR	VINYL COMPOSITION TILE	VINYL	4"	LIGHTWEIGHT BLOCK EXIST. LIGHTWEIGHT BLOCK	– –	– –	W W	W –	–	ACOUSTICAL BOARD	9'–0"	–
314	CUST	EXIST. CONCRETE	EXIST. RUBBER	4"	EXIST. LIGHTWEIGHT BLOCK	P	P	P	P	–	ACOUSTICAL BOARD	8'–8"	–
315	PE LOCKER	EXIST. CER. TILE	EXIST. CERAMIC TILE	4 1/4"	EXISTING CER. TILE EXIST. LIGHTWEIGHT BLOCK	– W	– W	– W	– W	–	VINYL-FACED ACOUSTICAL BOARD	8'–8" 10'–0"	5
315A	TOILET	EXIST. CER. TILE	EXIST. CERAMIC TILE	4 1/4"	EXISTING CER. TILE EXIST. LIGHTWEIGHT BLOCK	– W	– W	– W	– W	–	VINYL-FACED ACOUSTICAL BOARD	8'–8"	5
315B	SHOWER	EXIST. CER. TILE	EXIST. CERAMIC TILE	4 1/4"	EXIST. CER. TILE	–	–	–	–	–	EXISTING PLASTER	8'–9"	–
315C	DRY	EXIST. CER. TILE	EXIST. CERAMIC TILE	4 1/4"	EXIST. CER. TILE EXIST. LIGHTWEIGHT BLOCK	– –	– W	– W	– –	–	EXISTING PLASTER	8'–9"	5
316	MUD ROOM	EXIST. CONCRETE	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK	W	W	W	W	–	ACOUSTICAL BOARD	10'–0"	–
316A	CHASE	EXIST. CONCRETE	–	–	EXIST. LIGHTWEIGHT BLOCK	–	–	–	–	–	EXPOSED STRUCTURE	–	–
317	OFFICE	CARPET	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	P –	P –	P –	P P	–	ACOUSTICAL BOARD	9'–0"	–
317A	TOILET	CERAMIC TILE	CERAMIC TILE	5"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	W –	W –	– W	– W	–	VINYL-FACED ACOUSTICAL BOARD	8'–8"	–
317B	SHOWER	ABRASIVE CERAMIC TILE	CERAMIC TILE	5"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	W –	– W	W W	– –	–	KEENES CEMENT PLASTER	8'–6"	–
318	WOMEN	EXIST. CER. TILE, WOOD	EXIST. CERAMIC TILE	4 1/4"	EXIST. CER. TILE EXIST. LIGHTWEIGHT BLOCK	– W	– W	– W	– W	–	VINYL-FACED ACOUSTICAL BOARD	9'–0"	5
319	MEN	EXIST. CER. TILE, WOOD	EXIST. CERAMIC TILE	4 1/4"	EXIST. CER. TILE EXIST. LIGHTWEIGHT BLOCK	– W	– W	– W	– W	–	VINYL-FACED ACOUSTICAL BOARD	9'–0"	5
320	VESTIBULE	SEALED CONCRETE	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	– W	W W	W W	– –	–	ACOUSTICAL BOARD	9'–4"	–
320A	ALCOVE	SEALED CONCRETE	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	W W	W –	W –	W –	–	ACOUSTICAL BOARD	10'–1"	–
321	STORAGE	VINYL COMPOSITION TILE	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	P –	P P	P P	P –	–	ACOUSTICAL BOARD	9'–0"	–
321A	WET AREA	EXIST. CER TILE	EXIST. CERAMIC TILE	4 1/4"	EXIST. LIGHTWEIGHT BLOCK	W	W	W	W	–	EXIST. PLASTER	8'–11"	–
322	WRESTLING	EXIST. VINYL COMPOSITION TILE	EXIST. RUBBER	4"	EXIST. LIGHTWEIGHT BLOCK	W	W	W	W	–	IMPACT CEILING	9'–4"	–
322A	STORAGE	EXIST. CONCRETE	EXIST. RUBBER	4"	EXIST. LIGHTWEIGHT BLOCK	–	–	–	–	–	EXPOSED STRUCTURE	–	–
323	STORAGE	EXIST. CONCRETE	EXIST. RUBBER	4"	EXIST. LIGHTWEIGHT BLOCK	–	–	–	–	–	ACOUSTICAL BOARD	9'–6"	–
324	STORAGE	EXIST. CONCRETE	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	P P	P –	P –	P P	–	EXPOSED STRUCTURE	–	–
325	ELEV	–	–	–	–	–	–	–	–	–	–	–	–
325A	ELEV. EQUIP.	EXIST. CONCRETE	VINYL	4"	EXIST. LIGHTWEIGHT BLOCK LIGHTWEIGHT BLOCK	P –	– P	– P	P –	–	EXIST. CONCRETE UNIT SLAB	10'–8"	–
326	LOBBY	SEALED CONCRETE	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	W	W	–	ACOUSTICAL BOARD	10'–0"	–
326A	VEST.	SEALED CONCRETE	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	W	W	–	ACOUSTICAL BOARD	10'–0"	–
327	OFFICE	CARPET	VINYL	4"	LIGHTWEIGHT BLOCK	P	P	P	P	–	ACOUSTICAL BOARD	9'–0"	–
328	BOYS LOCKER	CERAMIC TILE	CERAMIC TILE	5"	LIGHTWEIGHT BLOCK	W	W	W	W	–	VINYL-FACED ACOUSTICAL BOARD	10'–0"	–
328A	TOILET	CERAMIC TILE	CERAMIC TILE	5"	LIGHTWEIGHT BLOCK	W	W	W	W	–	VINYL-FACED ACOUSTICAL BOARD	10'–0"	–
328B	SHOWER	ABRASIVE CERAMIC TILE	CERAMIC TILE	5"	LIGHTWEIGHT BLOCK	W	W	W	W	–	KEENS CEMENT PLASTER	9'–10"	–
328C	DRYING	ABRASIVE CERAMIC TILE	CERAMIC TILE	5"	LIGHTWEIGHT BLOCK	W	W	W	W	–	KEENS CEMENT PLASTER	9'–10"	–
329	OFFICIALS	CARPET	VINYL	4"	LIGHTWEIGHT BLOCK	W	W	W	W	–	ACOUSTICAL BOARD	9'–0"	–
329A	TOILET	CERAMIC TILE	CERAMIC TILE	5"	LIGHTWEIGHT BLOCK	W	W	W	W	–	VINYL-FACED ACOUSTICAL BOARD	9'–0"	–
329B	SHOWER	ABRASIVE CERAMIC TILE	CERAMIC TILE	5"	LIGHTWEIGHT BLOCK	W	W	W	W	–	KEENES CEMENT PLASTER	8'–10"	–
330	ASST. ATHL. DIRECTOR	CARPET	VINYL	4"	LIGHTWEIGHT BLOCK	P	P	P	P	–	ACOUSTICAL BOARD	9'–0"	–
331	RECEPTION	CARPET	VINYL	4"	LIGHTWEIGHT BLOCK	P	P	P	P	–	ACOUSTICAL BOARD	9'–4"	–
332	STORAGE	VINYL COMPOSITION TILE	VINYL	4"	LIGHTWEIGHT BLOCK	P	P	P	P	–	ACOUSTICAL BOARD	9'–4"	–

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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY LDH FGK
DRAWN BY MAM
CHECKED BY LDH FGK

LAWRENCE D. HOYLE REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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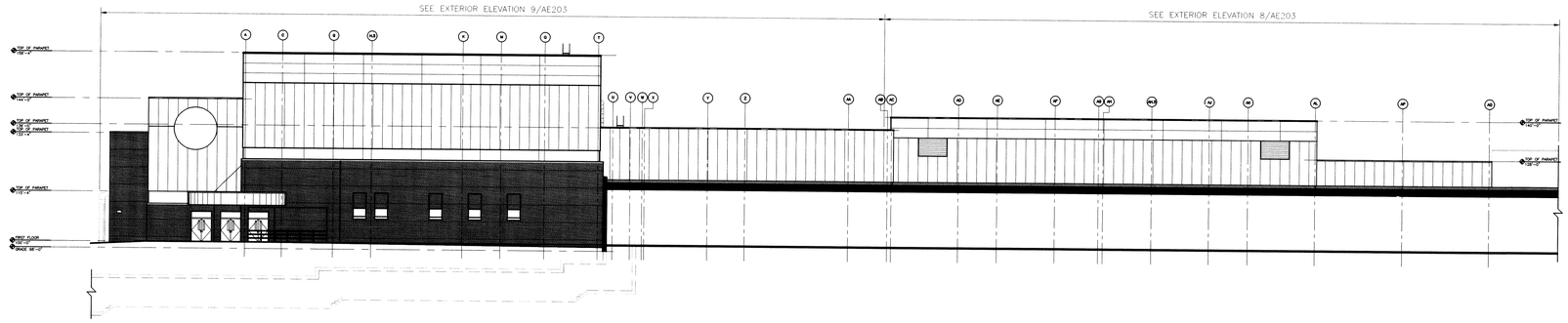
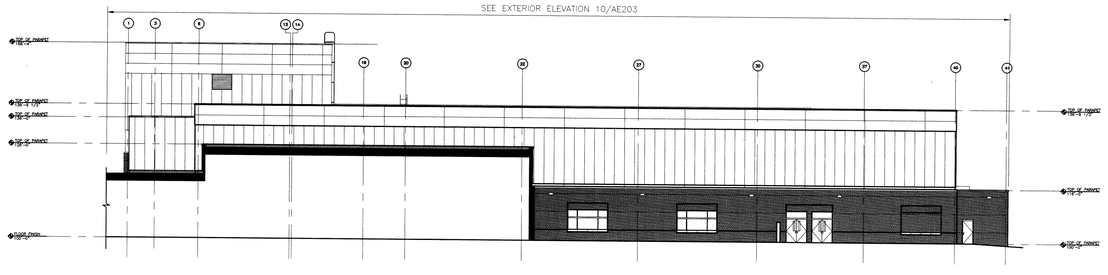


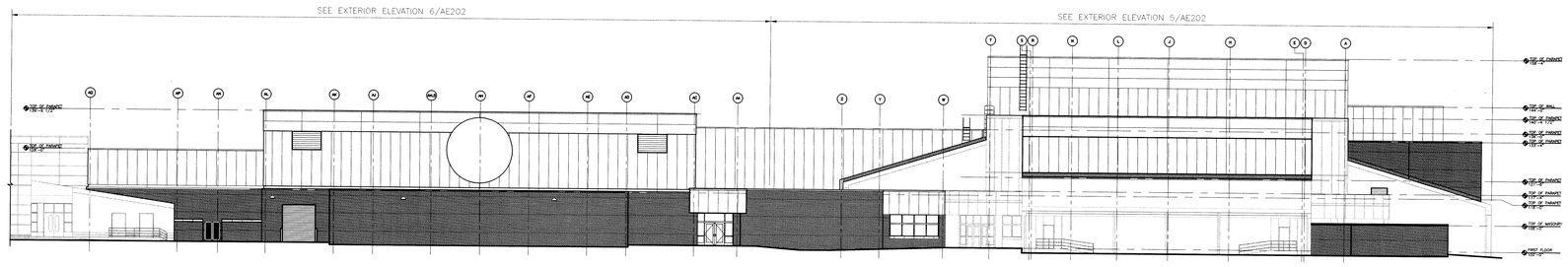
EXTERIOR ELEVATION 4 (WEST)

SCALE: 1/16" = 1'-0"



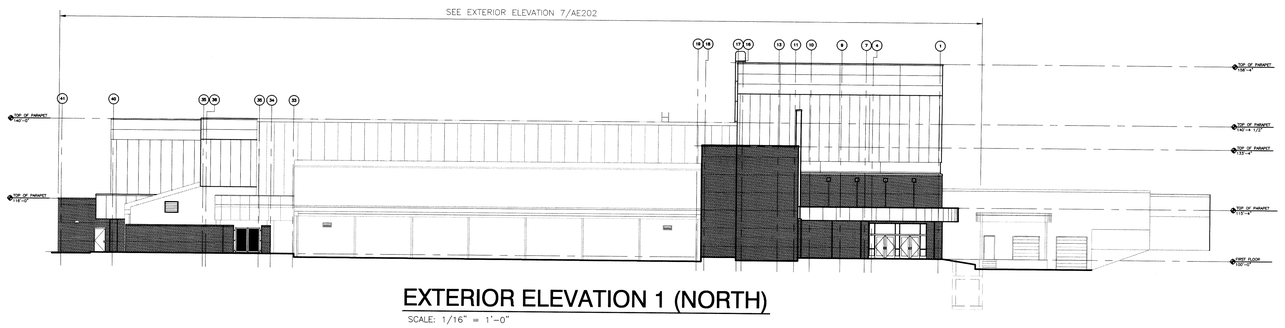
EXTERIOR ELEVATION 3 (SOUTH)

SCALE: 1/16" = 1'-0"



EXTERIOR ELEVATION 2 (EAST)

SCALE: 1/16" = 1'-0"



EXTERIOR ELEVATION 1 (NORTH)

SCALE: 1/16" = 1'-0"

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY FGK RTC
DRAWN BY MRH
CHECKED BY LDH

LAWRENCE D. HOYT REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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REVISIONS

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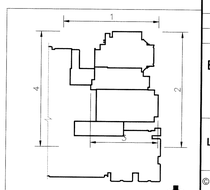

KEY PLAN

DRAWING
BUILDING ELEVATIONS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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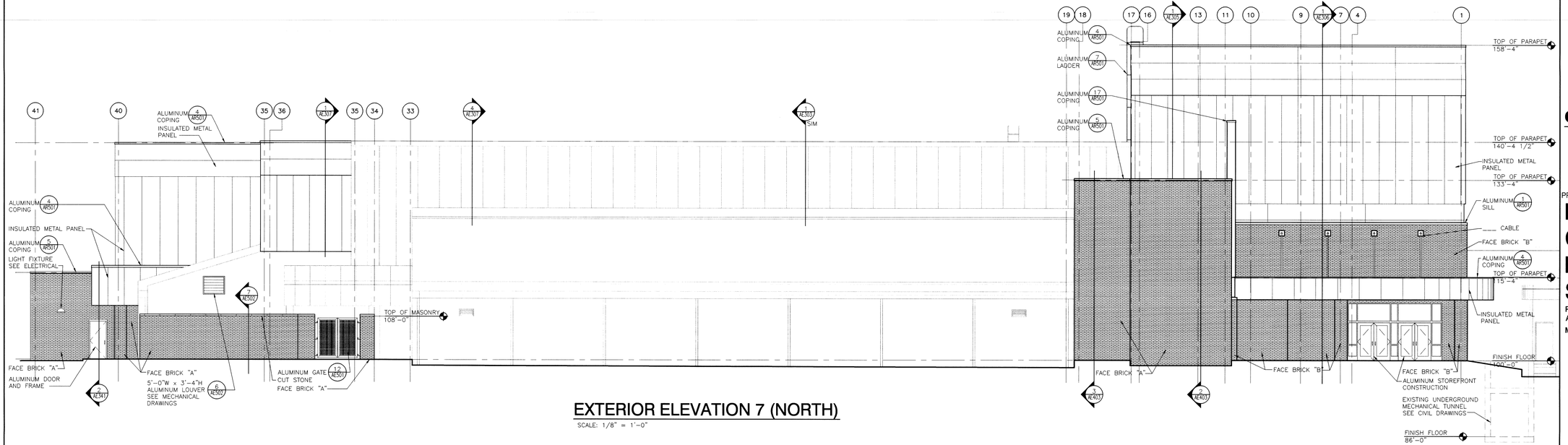
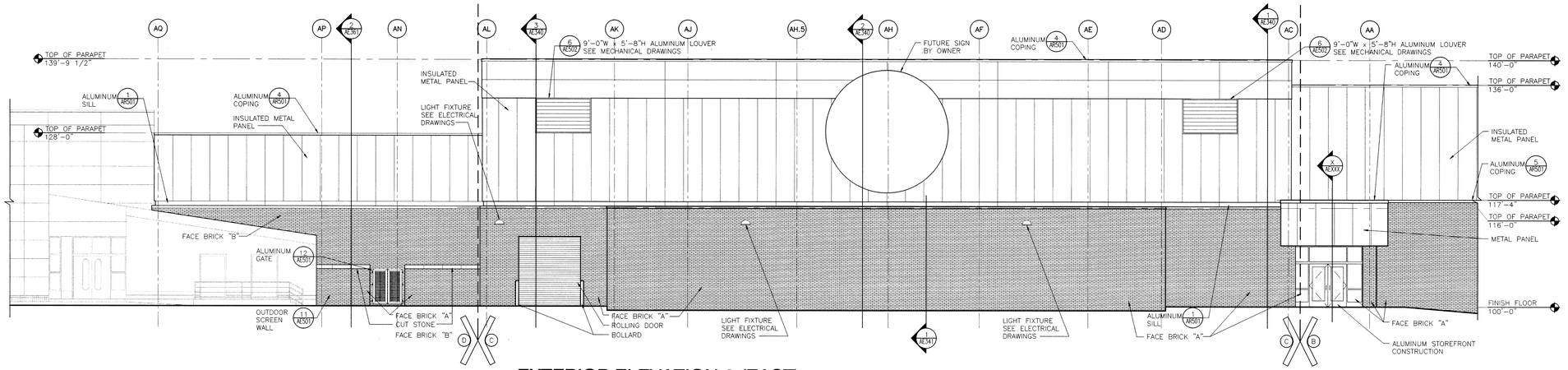


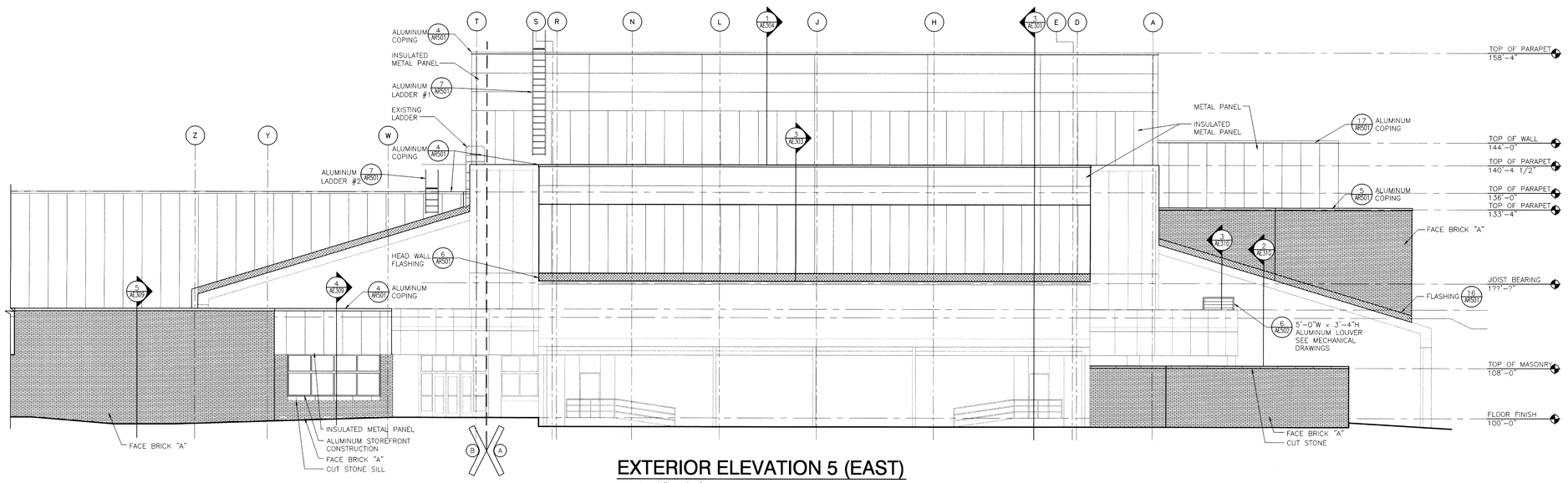
EXTERIOR ELEVATION 7 (NORTH)

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



EXTERIOR ELEVATION 6 (EAST)

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



EXTERIOR ELEVATION 5 (EAST)

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

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY FGK RTC
DRAWN BY MRH
CHECKED BY LDH

LAWRENCE D. HOYT REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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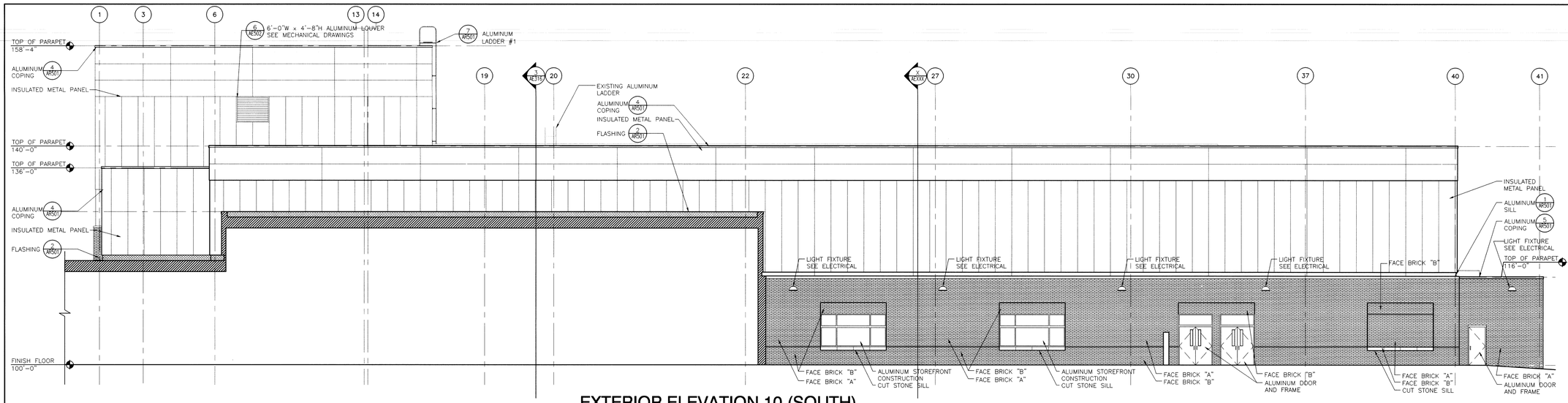
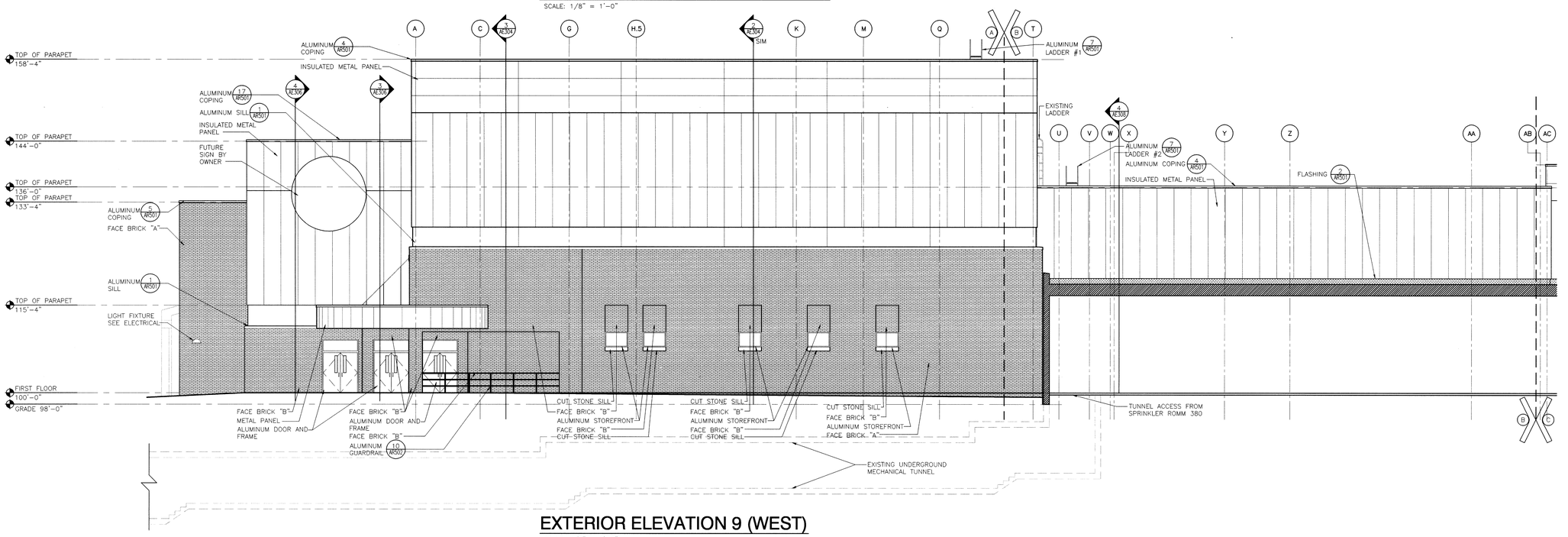


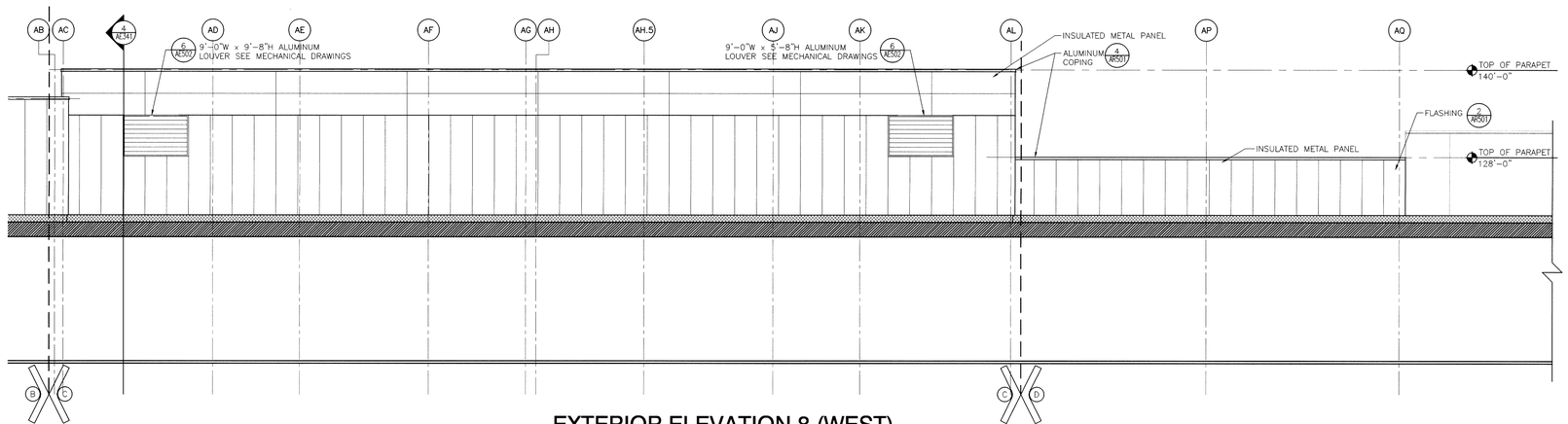
EXTERIOR ELEVATION 10 (SOUTH)

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



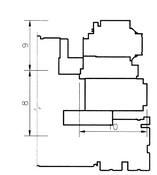
EXTERIOR ELEVATION 9 (WEST)

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



EXTERIOR ELEVATION 8 (WEST)

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



KEY PLAN

PLAN NORTH

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PROJECT 06-612
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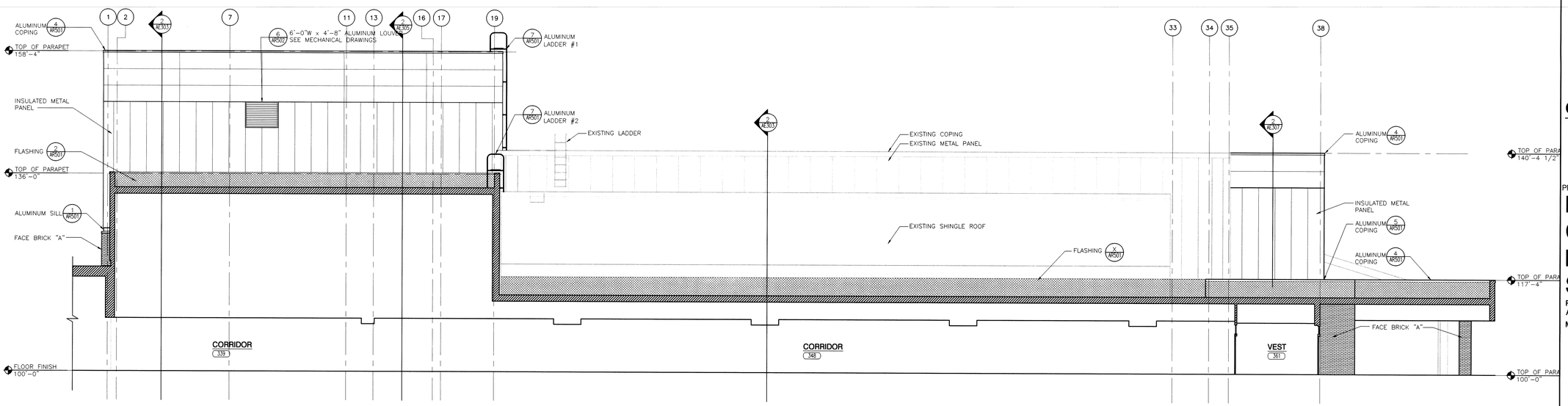
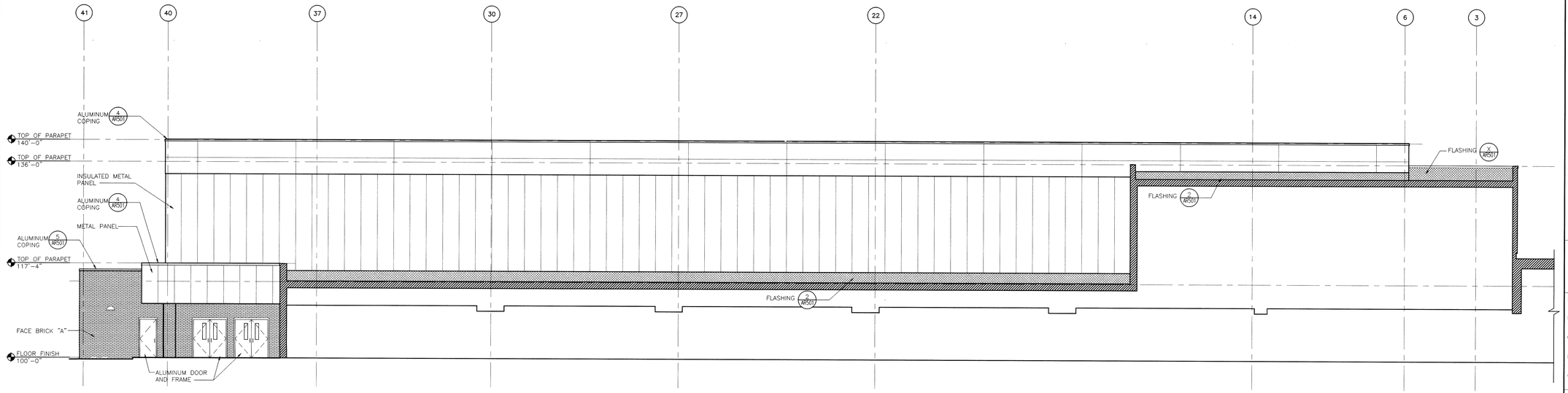


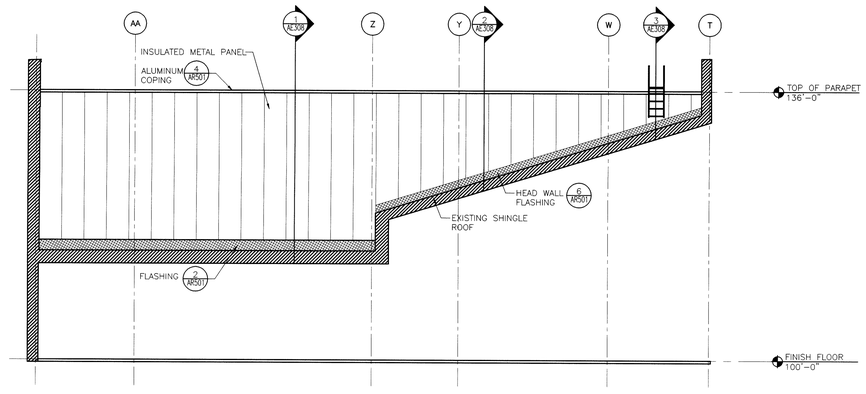
EXTERIOR ELEVATION 13 (NORTH)

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



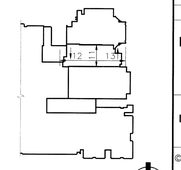
EXTERIOR ELEVATION 12 (SOUTH)

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



EXTERIOR ELEVATION 11 (EAST)

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



KEY PLAN

PLAN NORTH

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PROJECT

LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK

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PROJECT 06-612

DATE 03/19/07

COORDINATED BY FGK RTC

DRAWN BY MRH

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LAWRENCE D. HOYLE REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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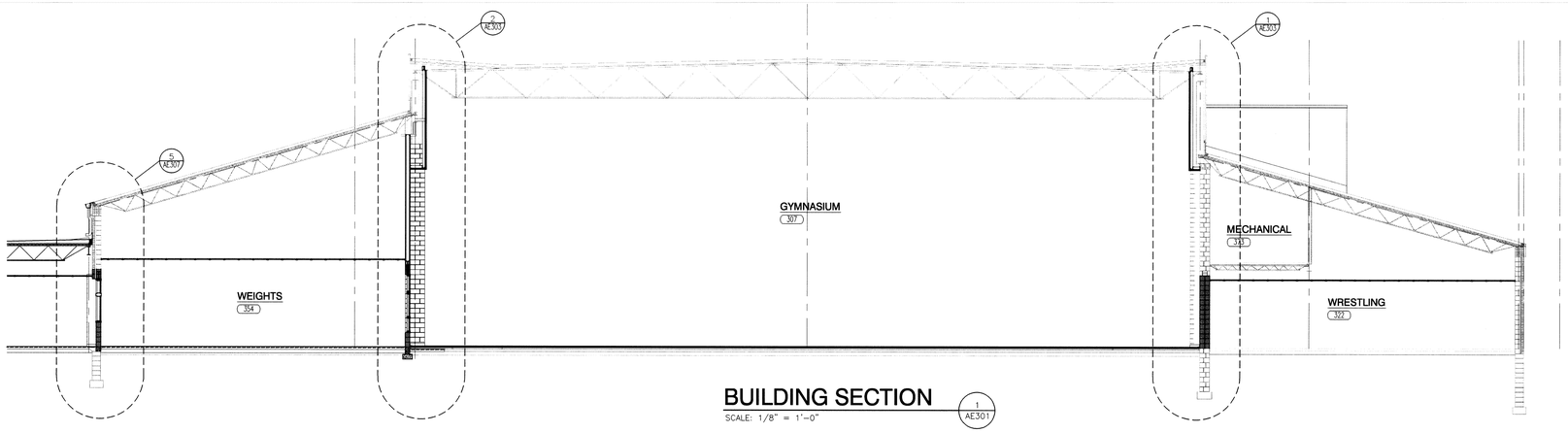
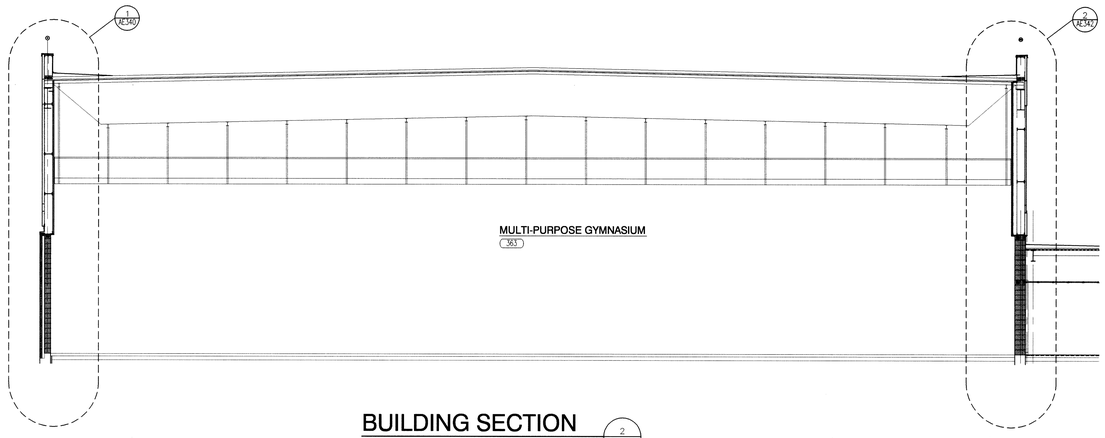
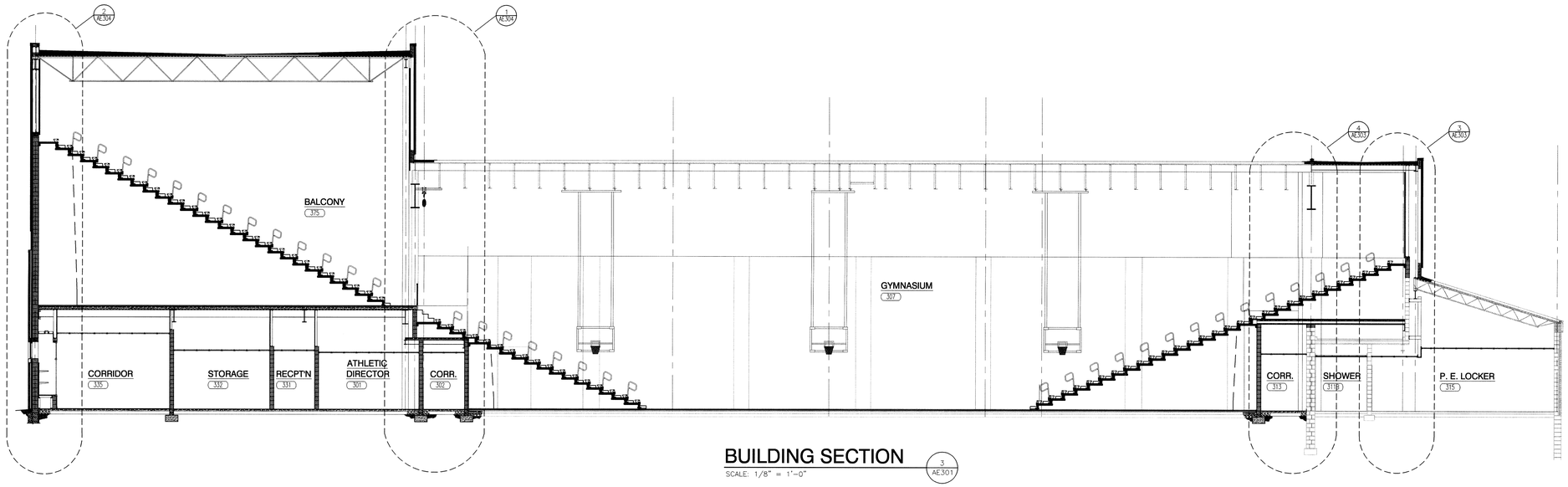


BUILDING SECTION
SCALE: 1/8" = 1'-0"
1 AE301



BUILDING SECTION
SCALE: 1/8" = 1'-0"
2 AE301



BUILDING SECTION
SCALE: 1/8" = 1'-0"
3 AE301

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DRAWN BY MRH
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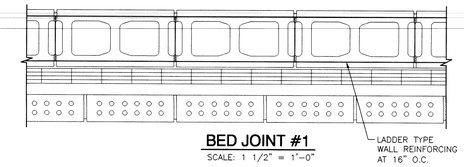
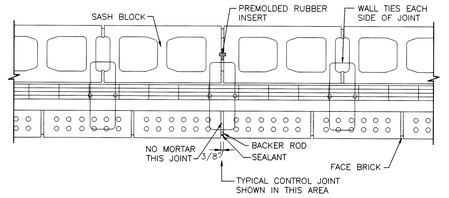


BED JOINT #1
SCALE: 1 1/2" = 1'-0"



BED JOINT #2
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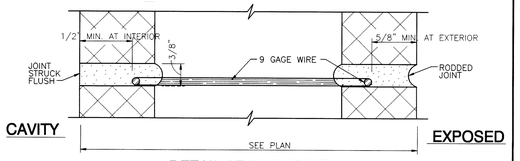
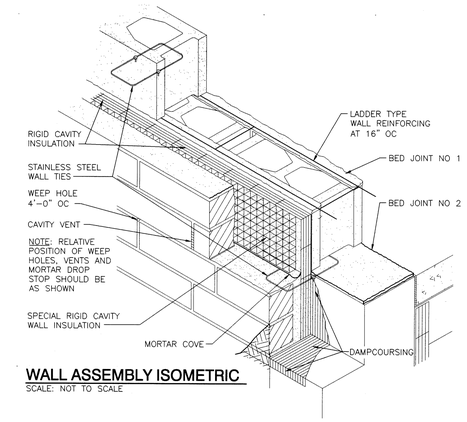
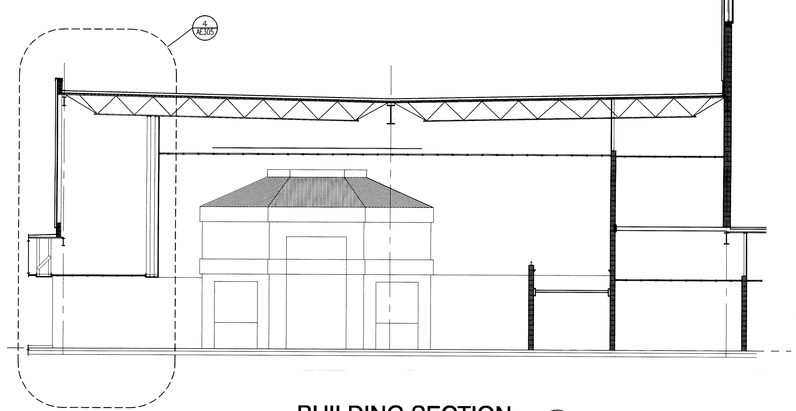


DETAIL AT BED JOINT #1
SCALE: FULL SIZE

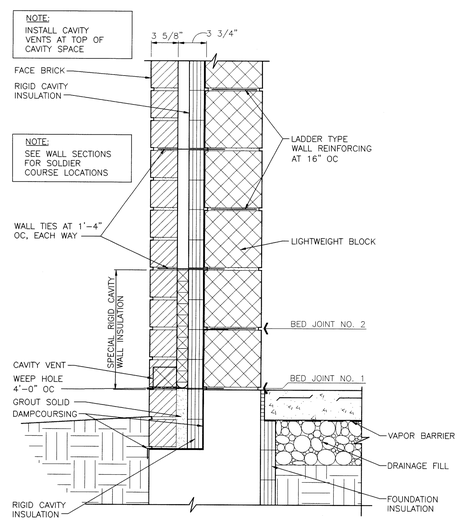


WALL ASSEMBLY ISOMETRIC
SCALE: NOT TO SCALE



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

2 AE302



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

TYPICAL MASONRY WALL CONSTRUCTION DETAILS
SCALE: 1 1/2" = 1'-0"

1 AE302

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LAWRENCE D HOYER
REGISTERED
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ARCHITECT

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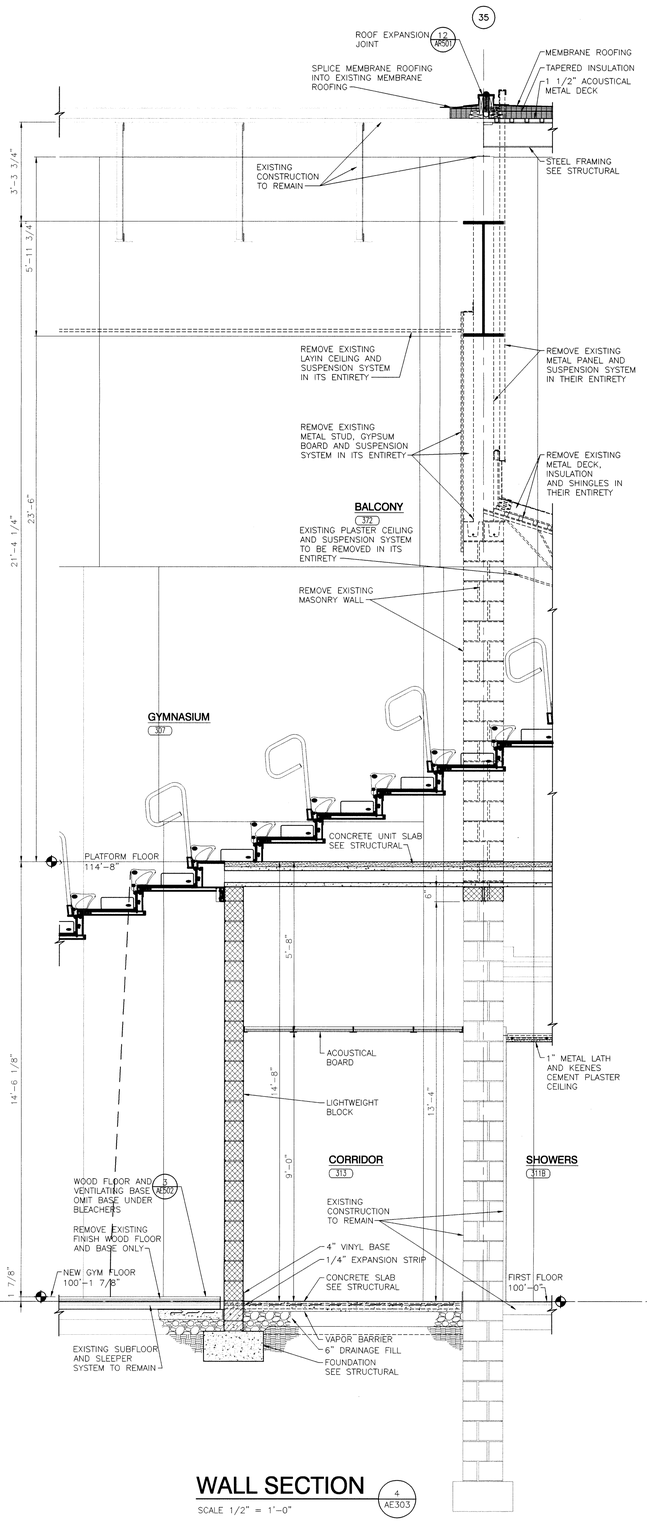

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SCALE 1/2" = 1'-0"

WALL SECTION 3 AE303
SCALE 1/2" = 1'-0"

WALL SECTION 2 AE303
SCALE 1/2" = 1'-0"

WALL SECTION 1 AE303
SCALE 1/2" = 1'-0"

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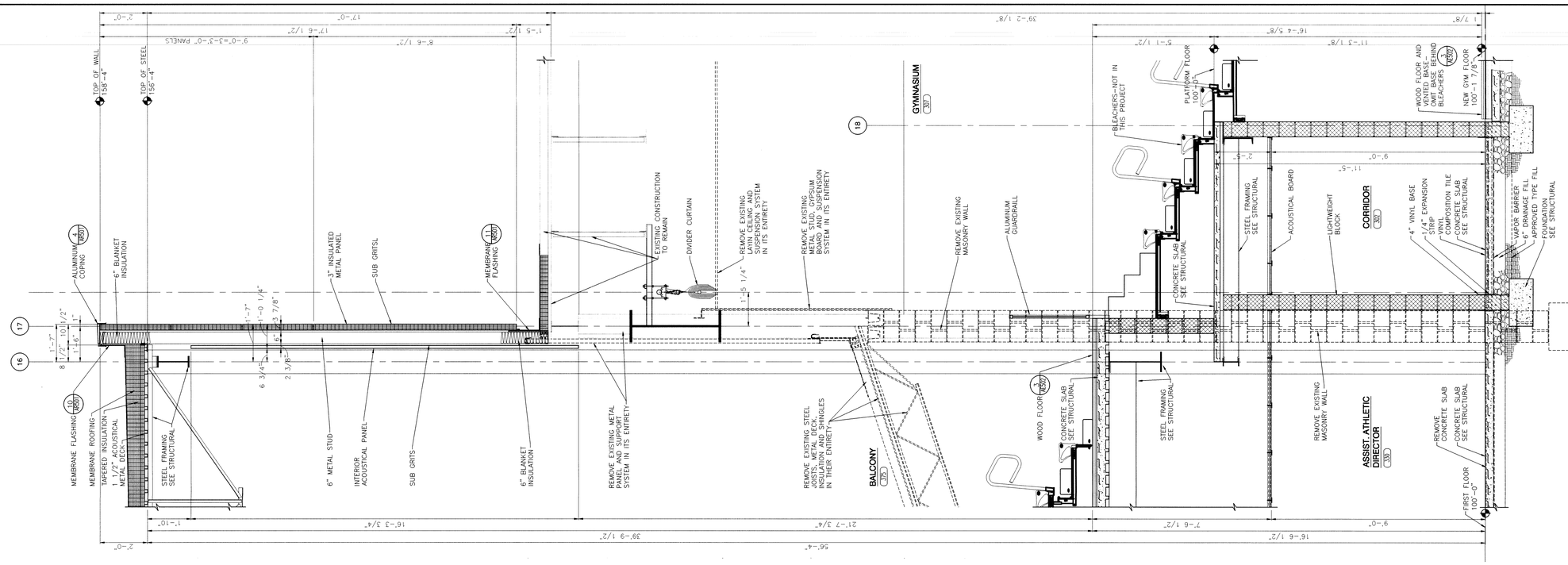

WALL SECTION 1/AE304
SCALE 1/2" = 1'-0"

WALL SECTION 2/AE304
SCALE 1/2" = 1'-0"

WALL SECTION 3/AE304
SCALE 1/2" = 1'-0"

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WALL SECTION 1 AE305
SCALE 1/2" = 1'-0"

WALL SECTION 2 AE305
SCALE 1/2" = 1'-0"

WALL SECTION 3 AE305
SCALE 1/2" = 1'-0"

WALL SECTION 4 AE305
SCALE 1/2" = 1'-0"

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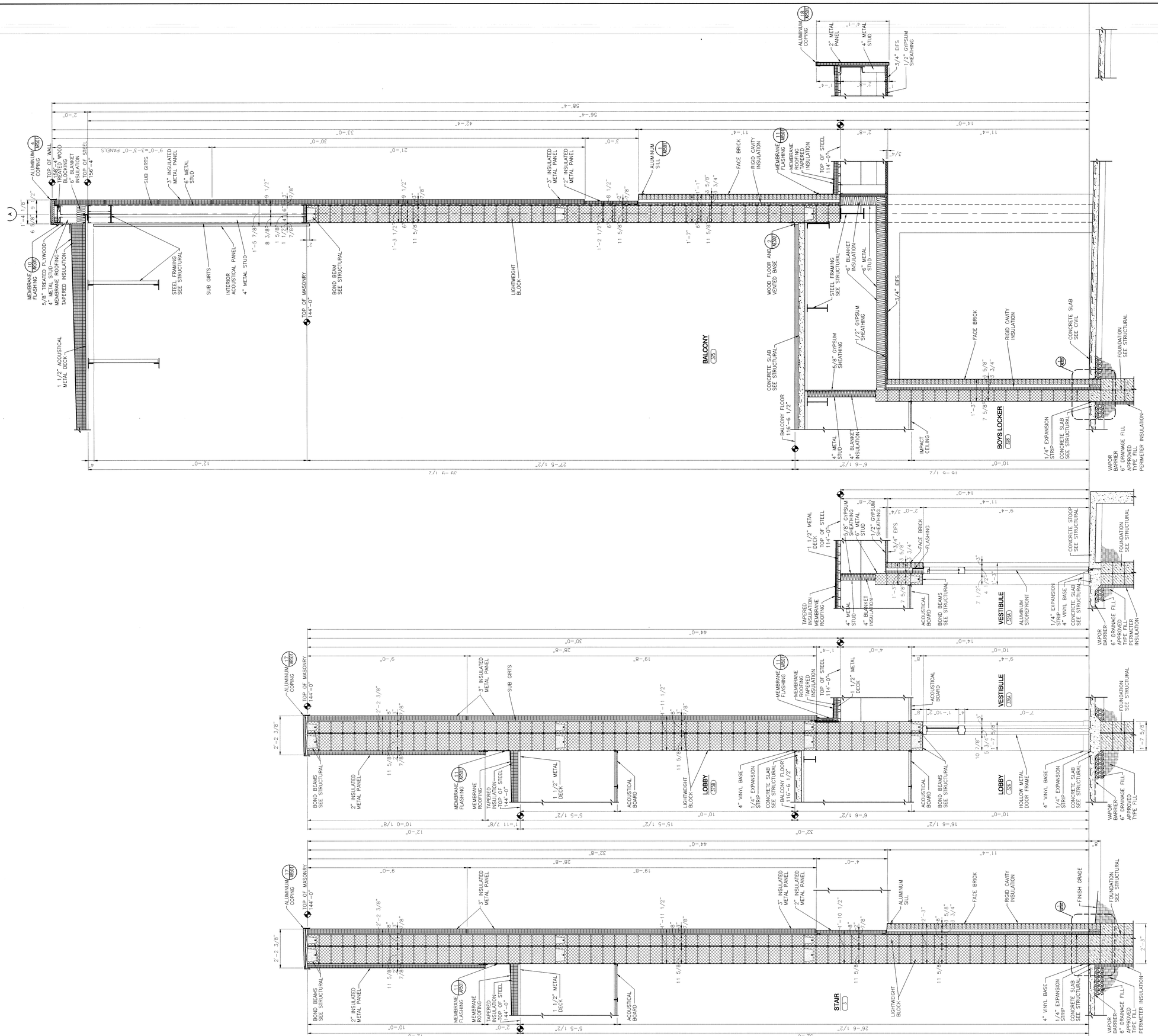

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SCALE 1/2" = 1'-0"

WALL SECTION 2 AE306
SCALE 1/2" = 1'-0"

WALL SECTION 3 AE306
SCALE 1/2" = 1'-0"

WALL SECTION 4 AE306
SCALE 1/2" = 1'-0"

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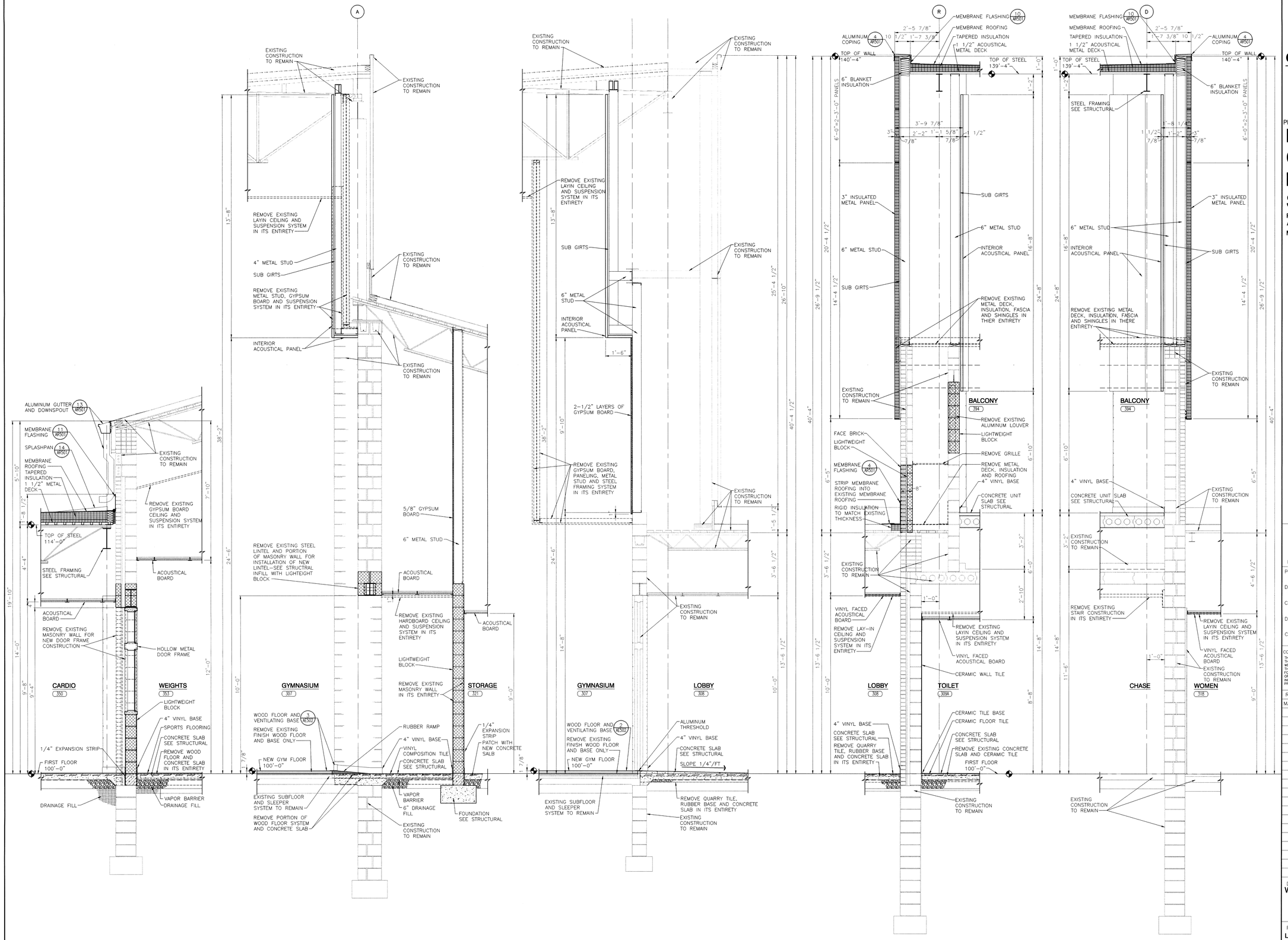

WALL SECTION 5 AE307
SCALE 1/2" = 1'-0"

WALL SECTION 4 AE307
SCALE 1/2" = 1'-0"

WALL SECTION 3 AE307
SCALE 1/2" = 1'-0"

WALL SECTION 2 AE307
SCALE 1/2" = 1'-0"

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SCALE 1/2" = 1'-0"

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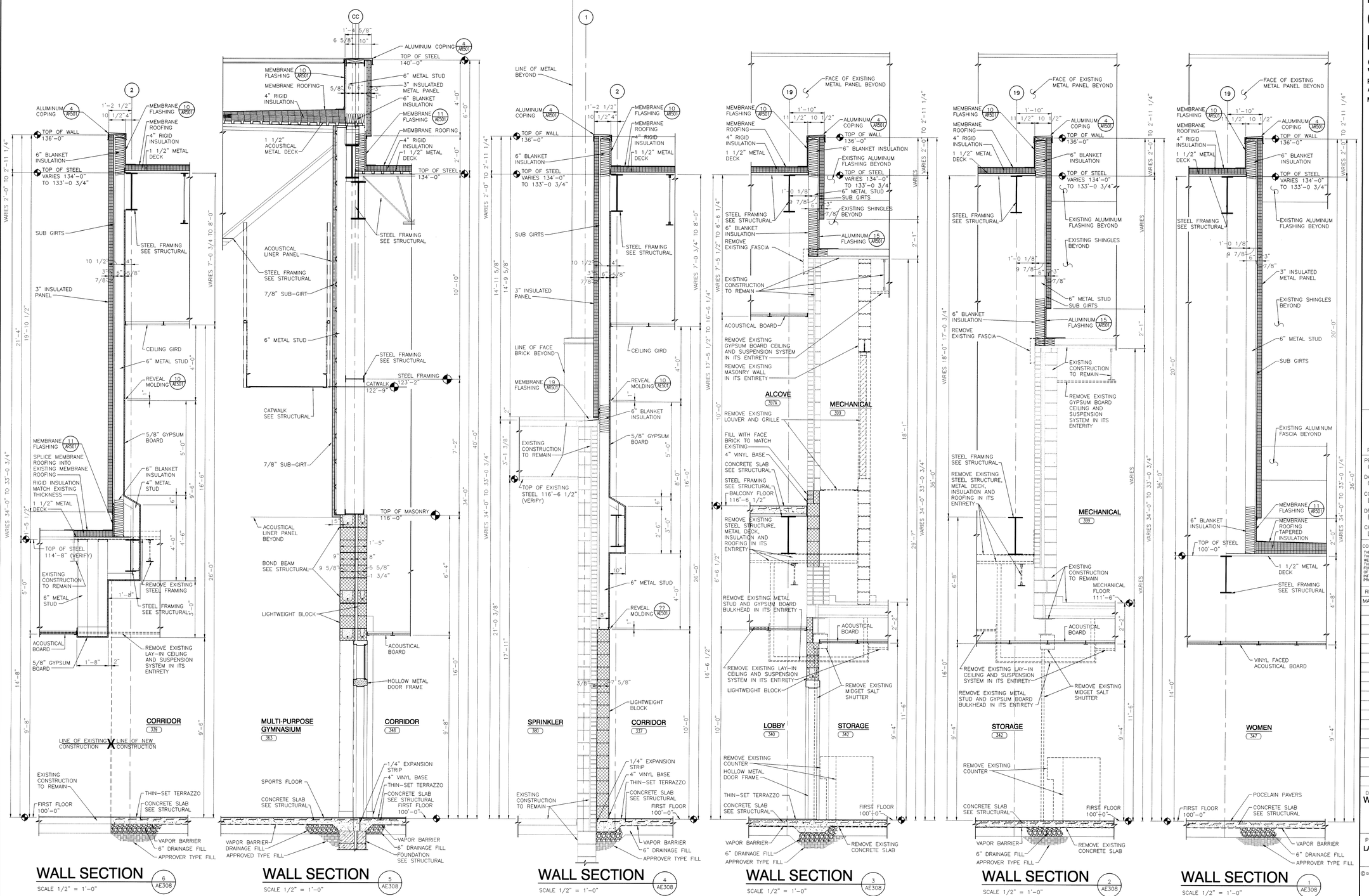

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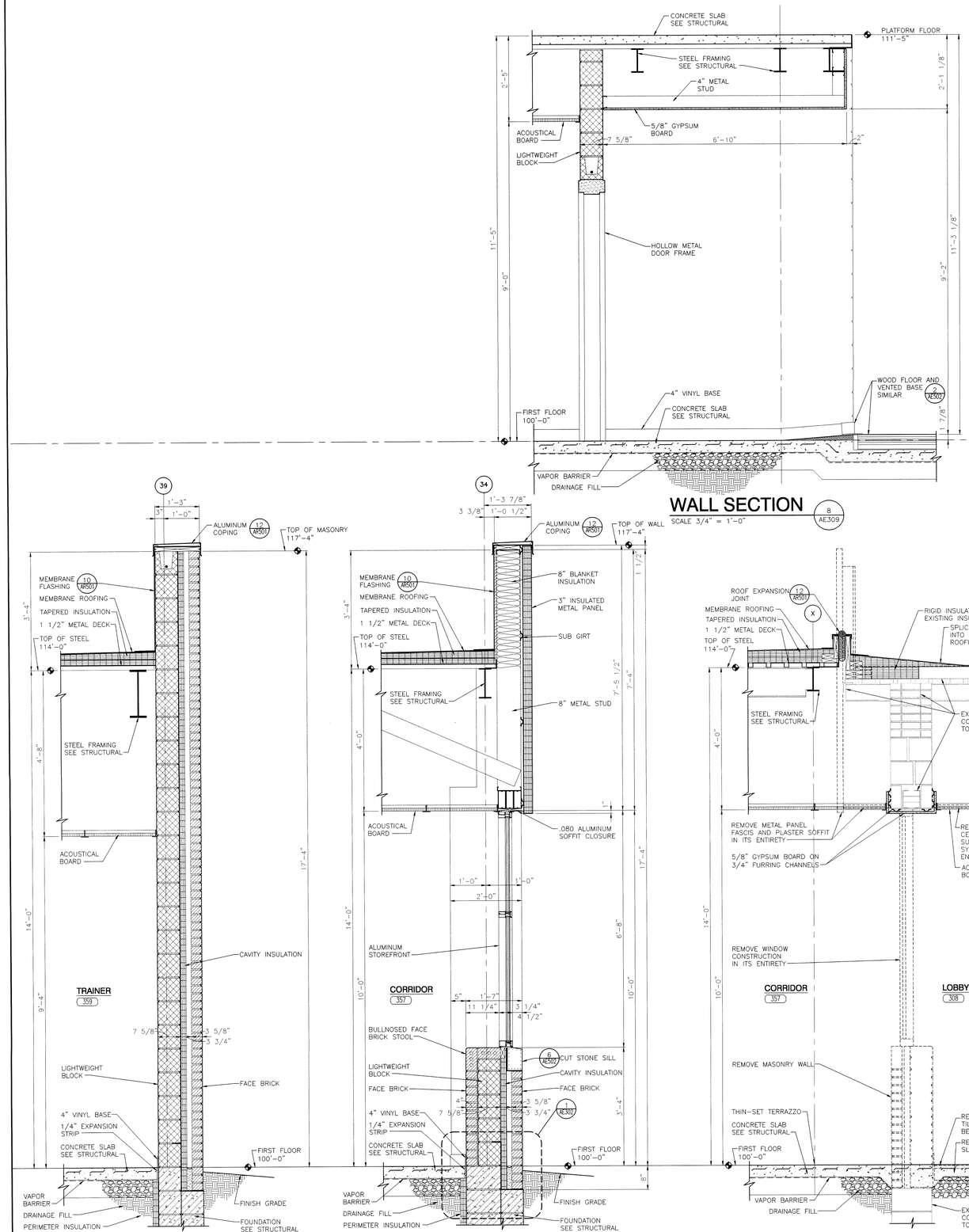
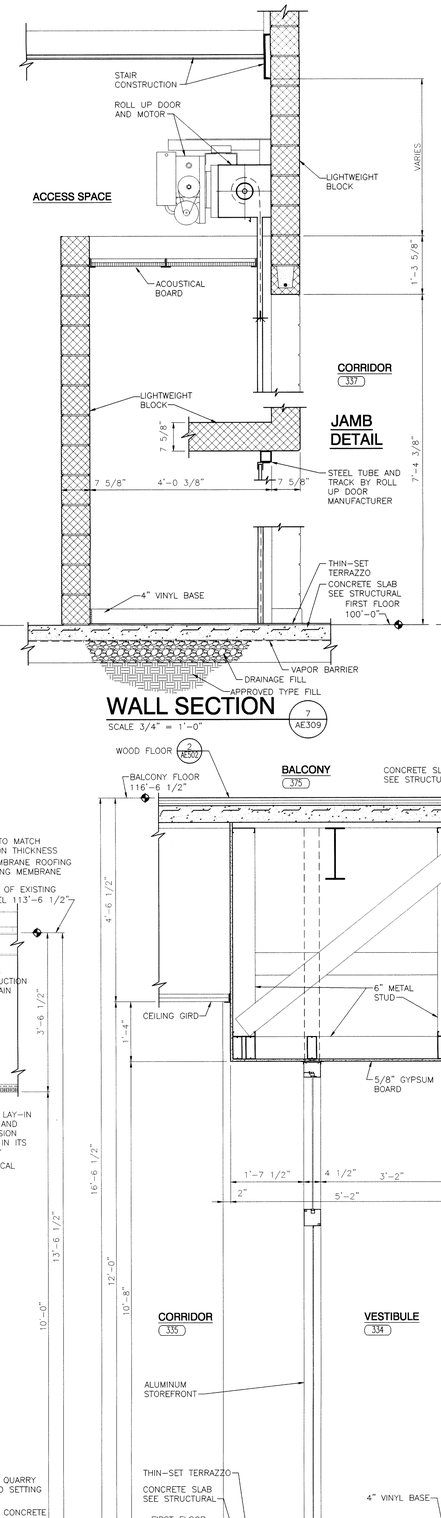


WALL SECTION

SCALE 3/4" = 1'-0"

8 AE309



WALL SECTION

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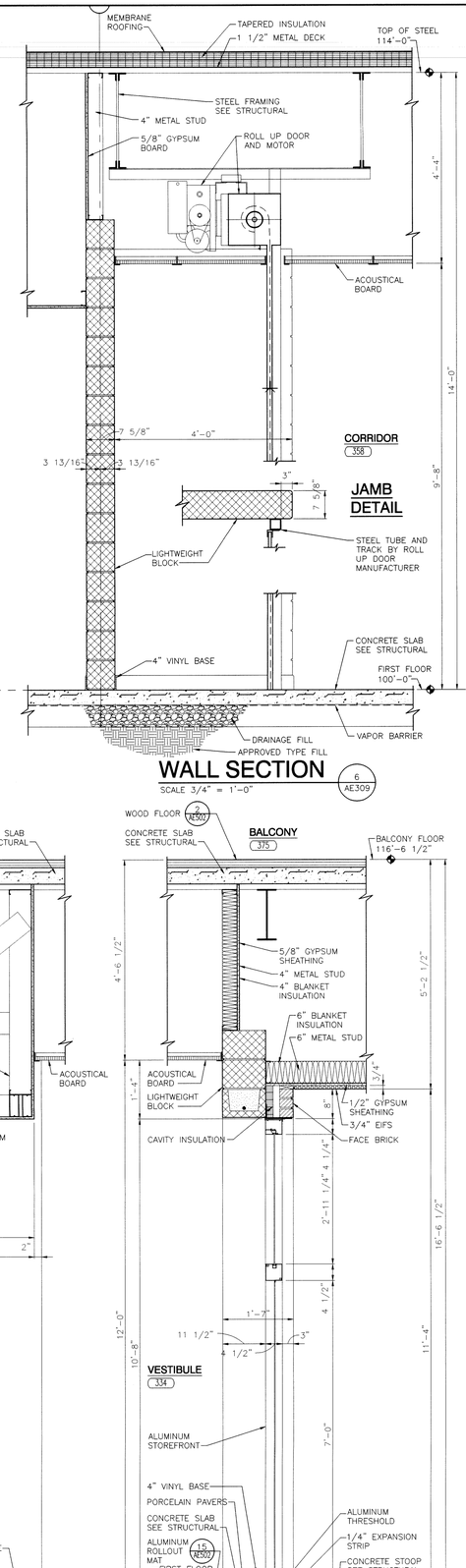
7 AE309



WALL SECTION

SCALE 3/4" = 1'-0"

6 AE309

WALL SECTION

SCALE 3/4" = 1'-0"

5 AE309

WALL SECTION

SCALE 3/4" = 1'-0"

4 AE309

WALL SECTION

SCALE 3/4" = 1'-0"

3 AE309

WALL SECTION

SCALE 3/4" = 1'-0"

2 AE309

WALL SECTION

SCALE 3/4" = 1'-0"

1 AE309

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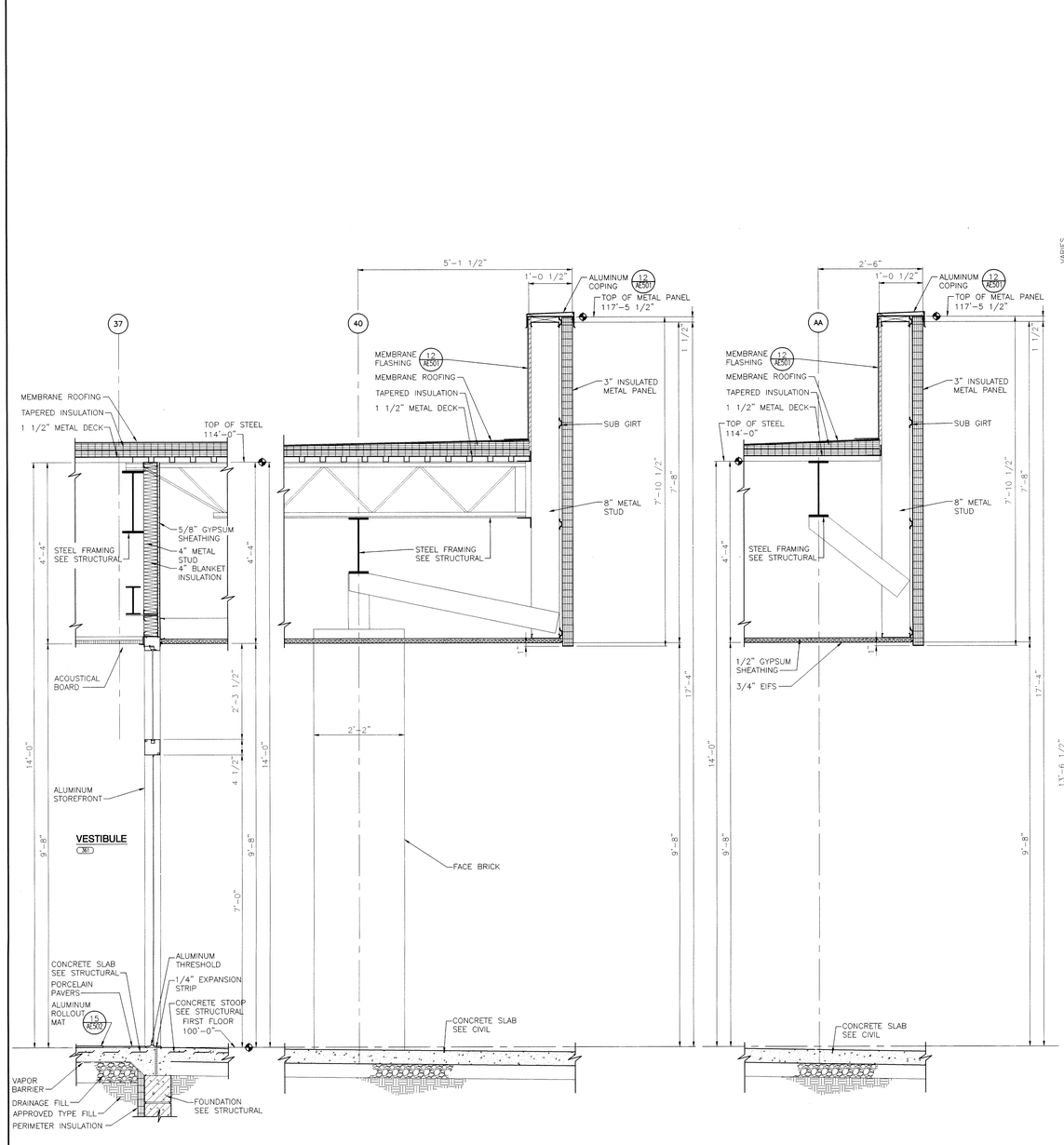

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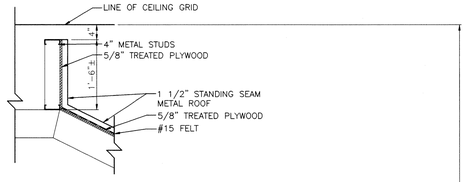

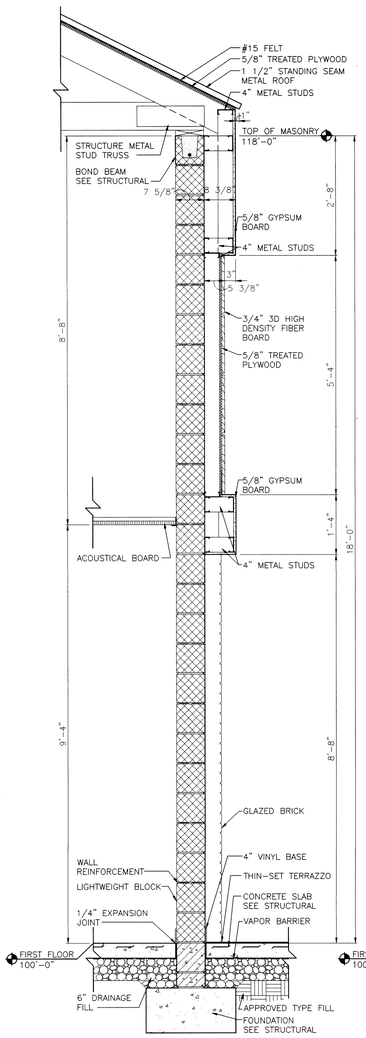

WALL SECTION 4 / AE311
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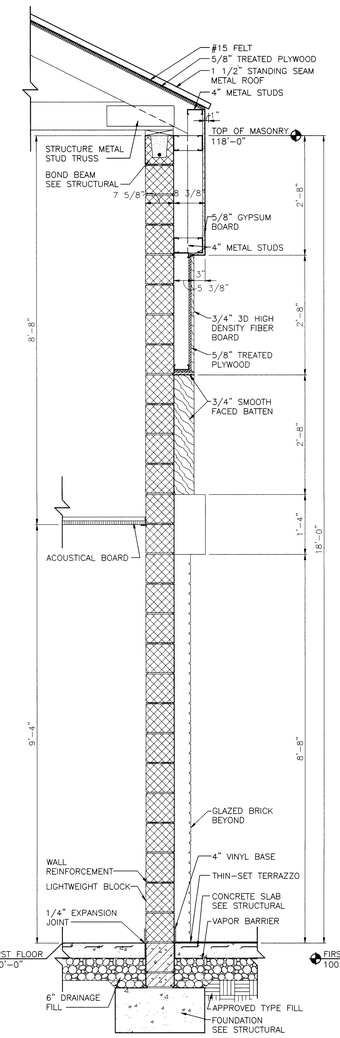
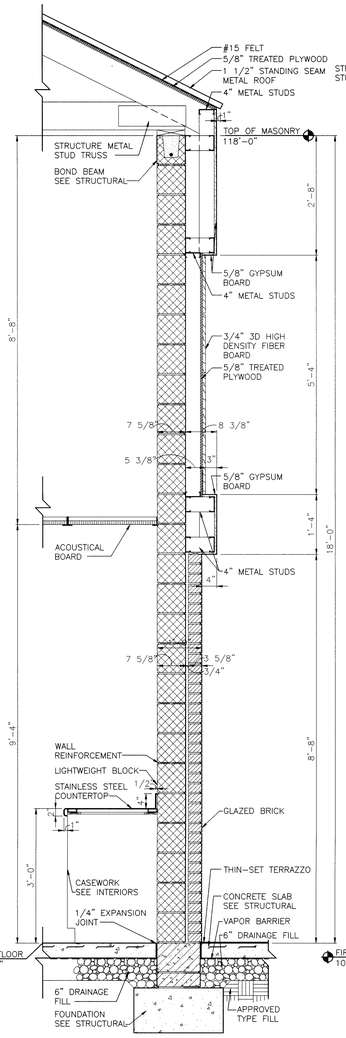
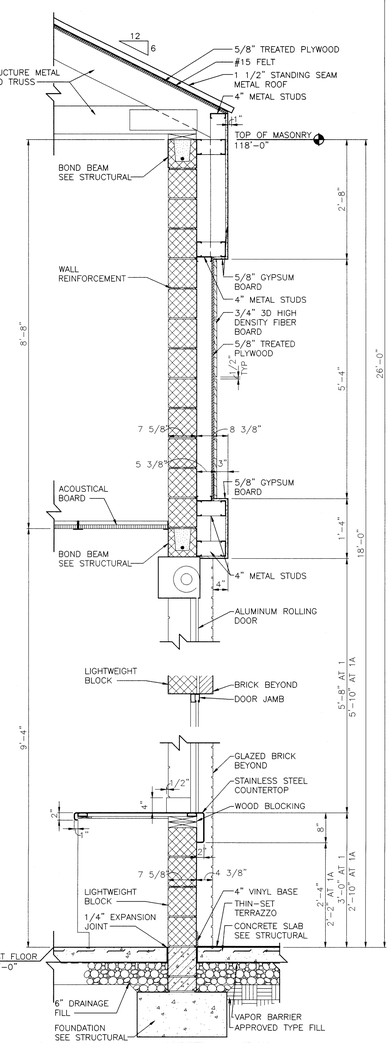


WALL SECTION 3 / AE311
SCALE 3/4" = 1'-0"



WALL SECTION 2 / AE311
SCALE 3/4" = 1'-0"



WALL SECTION 1 / AE311 1A / AE311
SCALE 3/4" = 1'-0"

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DATE 03/19/07
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DRAWN BY MRH
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LAWRENCE D. HOYT REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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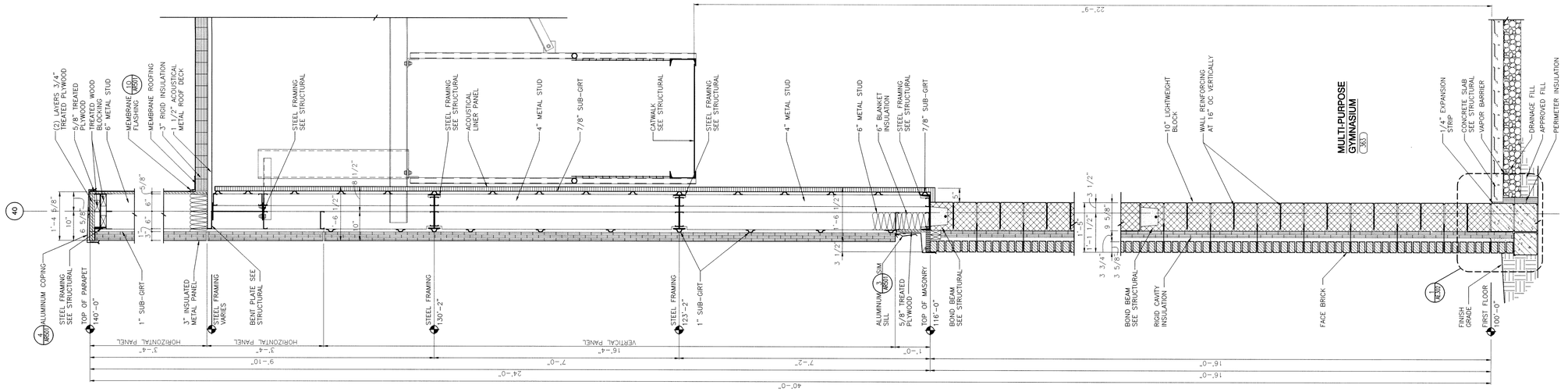

WALL SECTION

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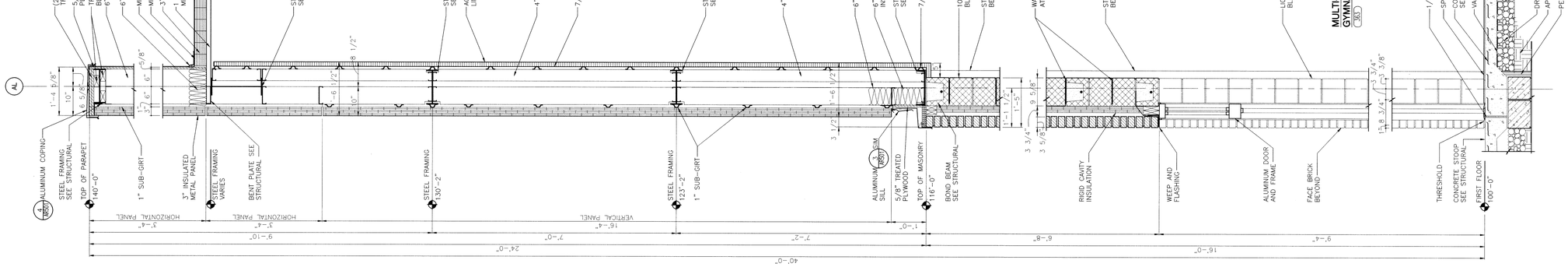

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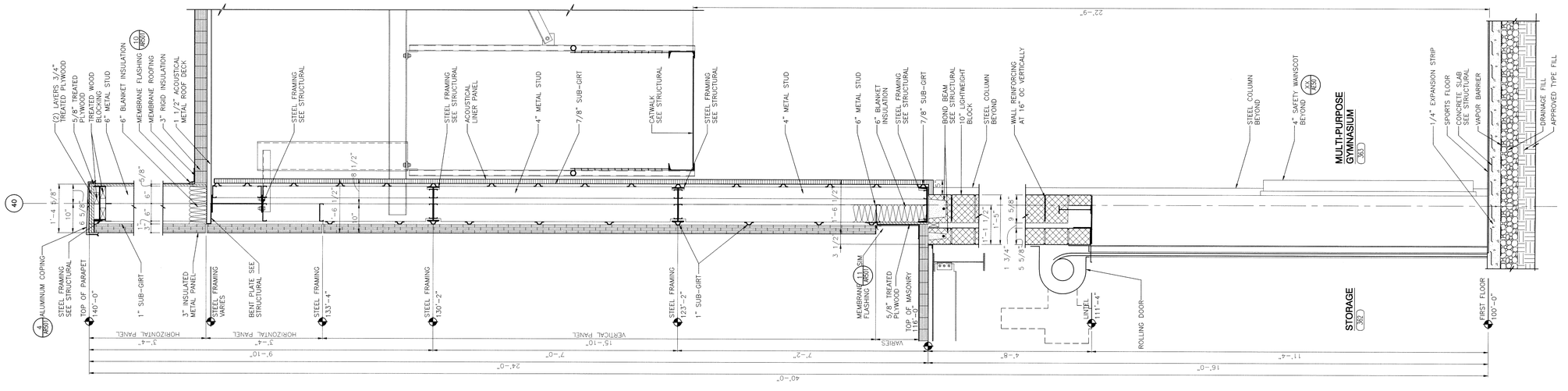

WALL SECTION

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

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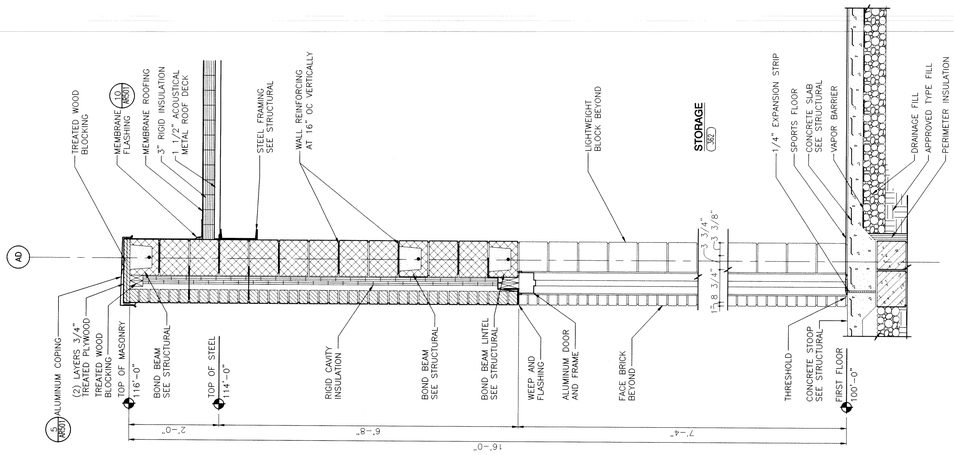

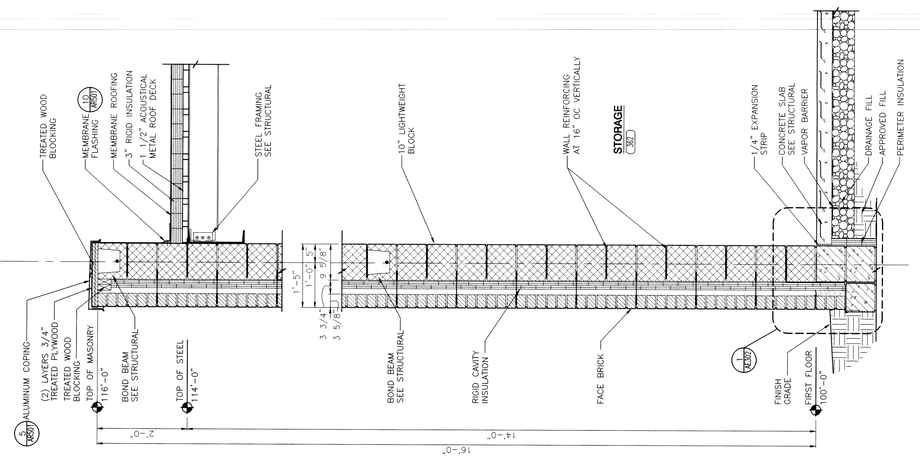

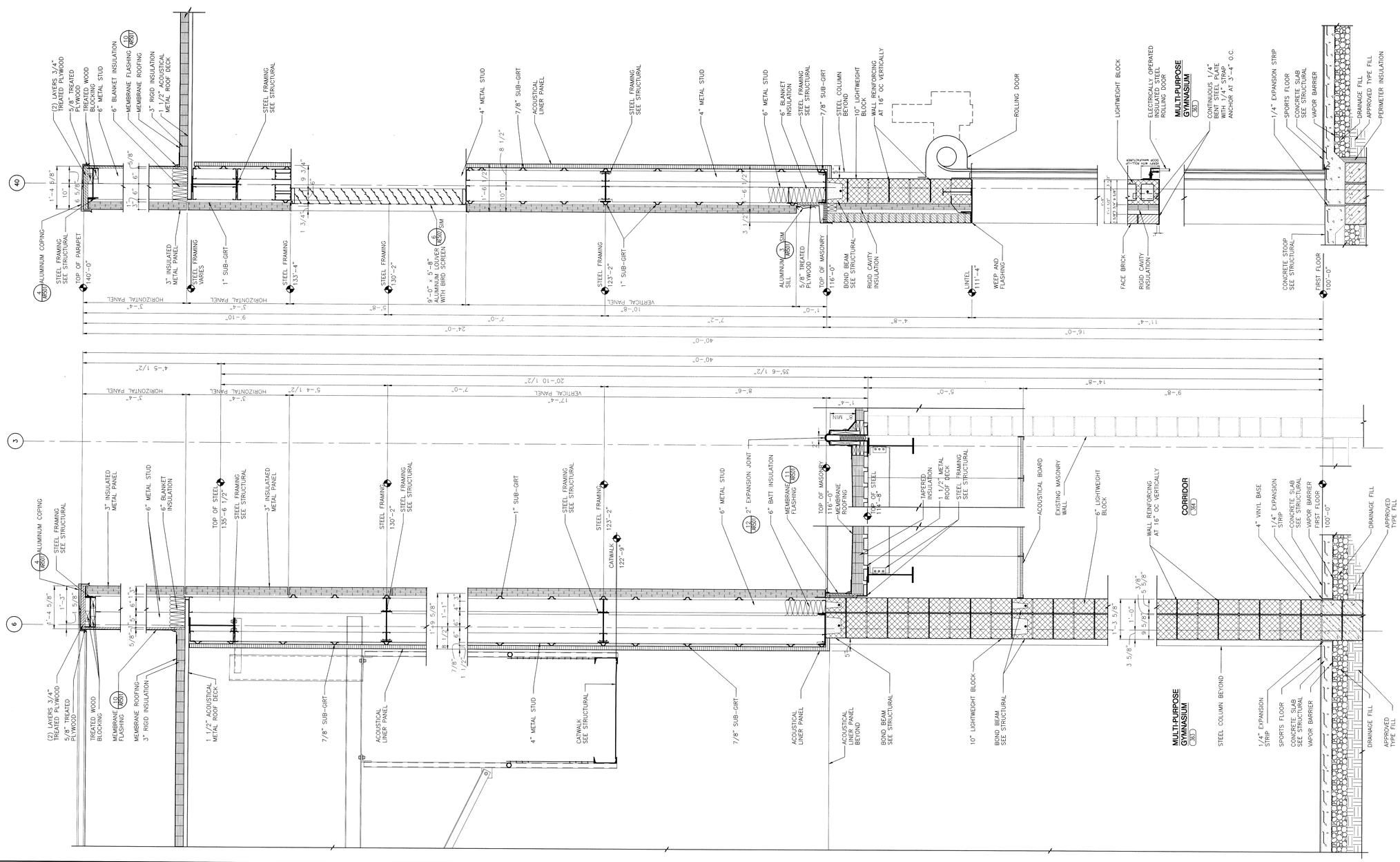

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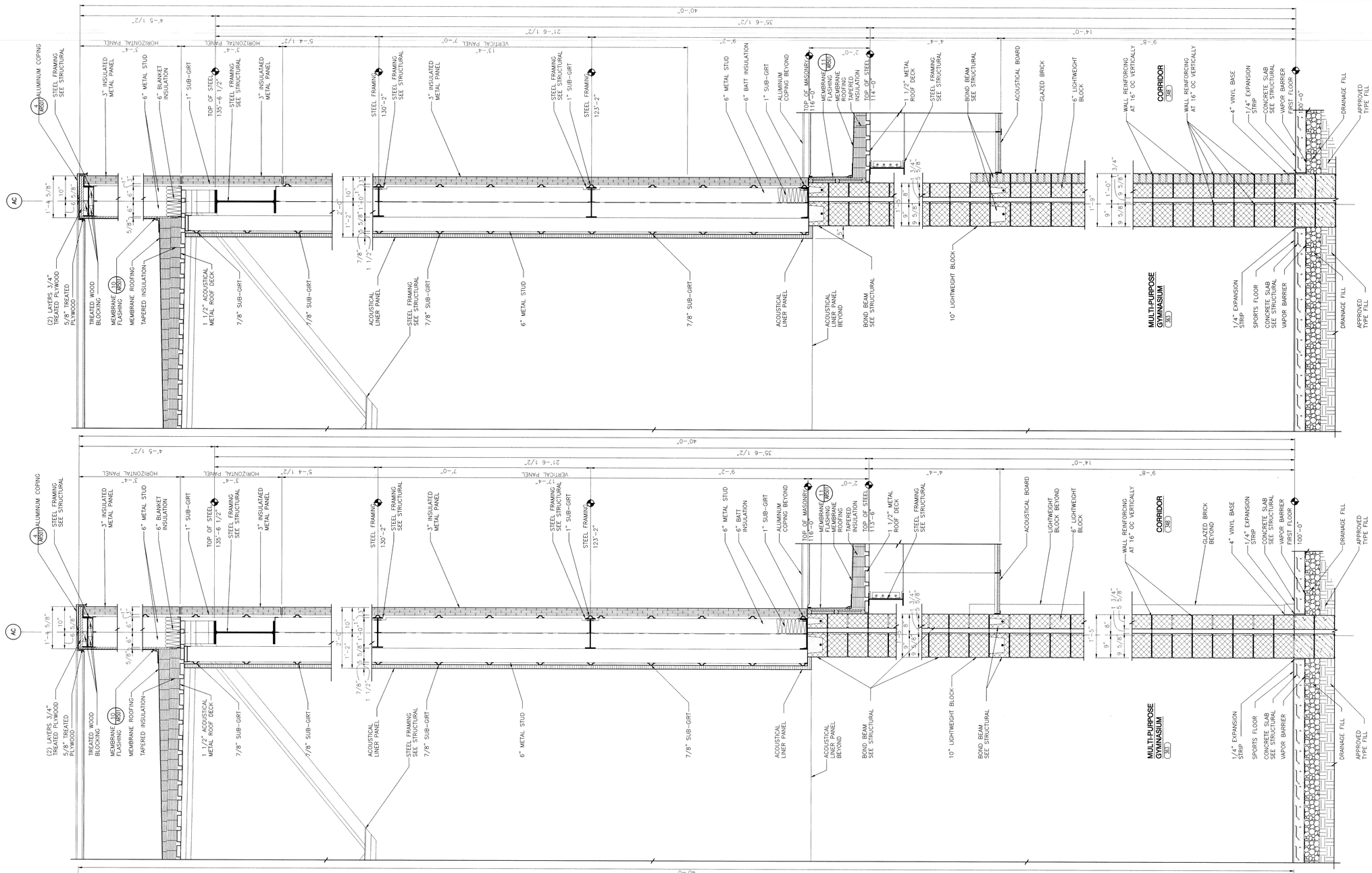

WALL SECTION 1/AE314
SCALE: 3/4" = 1'-0"

WALL SECTION 2/AE314
SCALE: 3/4" = 1'-0"

WALL SECTION 3/AE314
SCALE: 3/4" = 1'-0"

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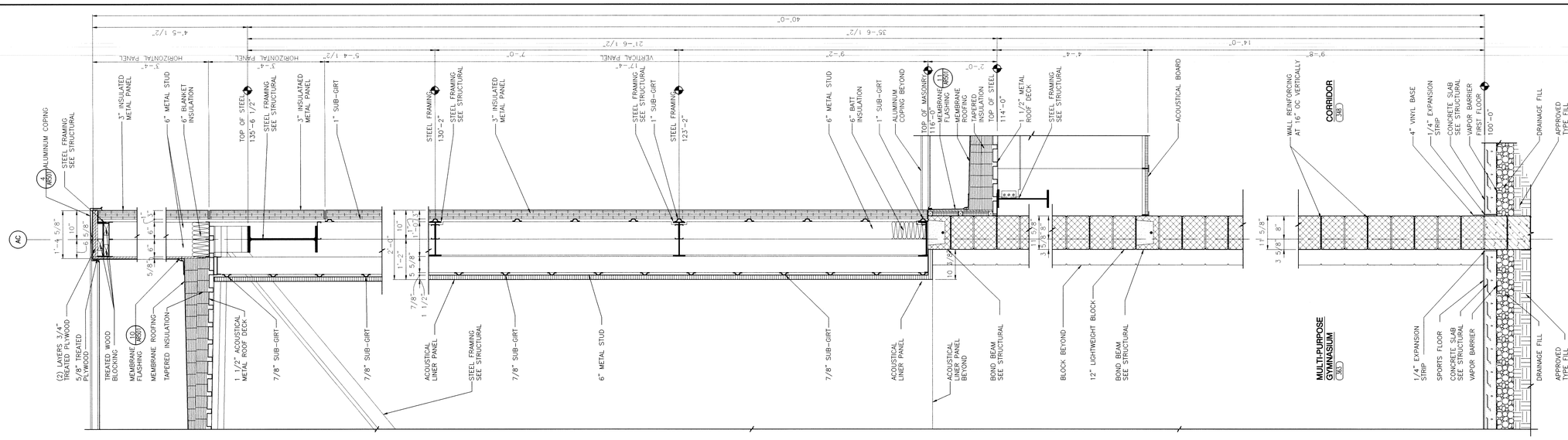

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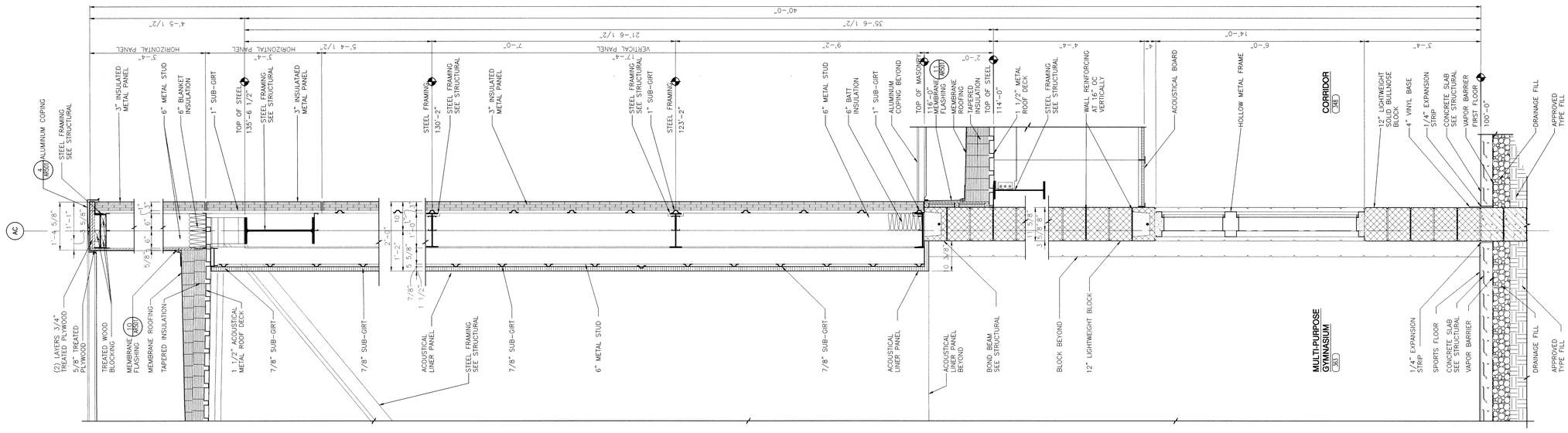

WALL SECTION 2 / AE315
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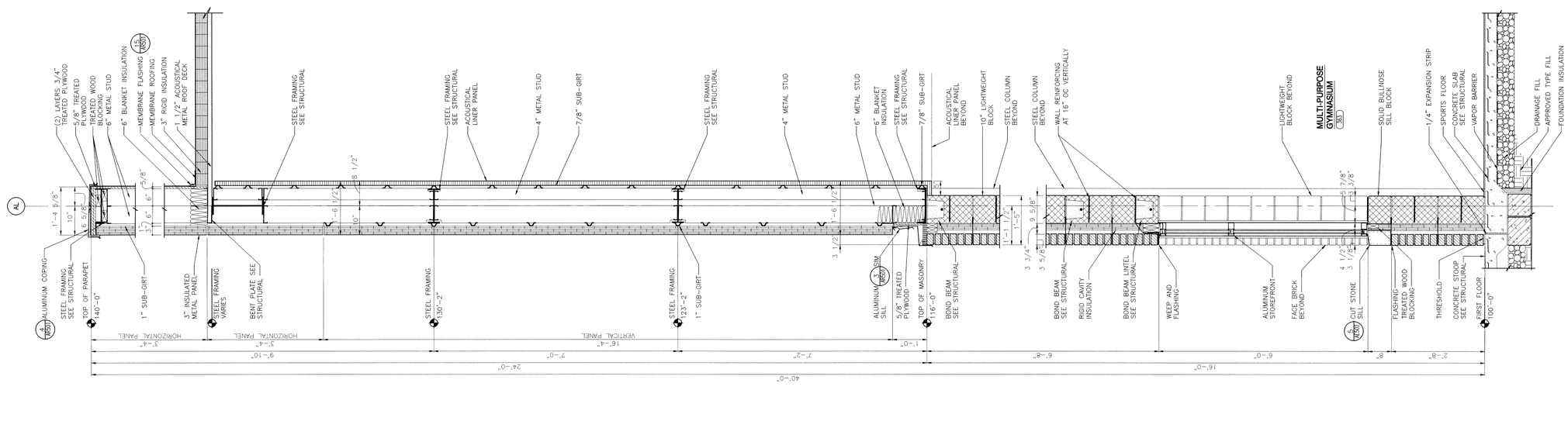

WALL SECTION 3 / AE315
SCALE: 3/4" = 1'-0"

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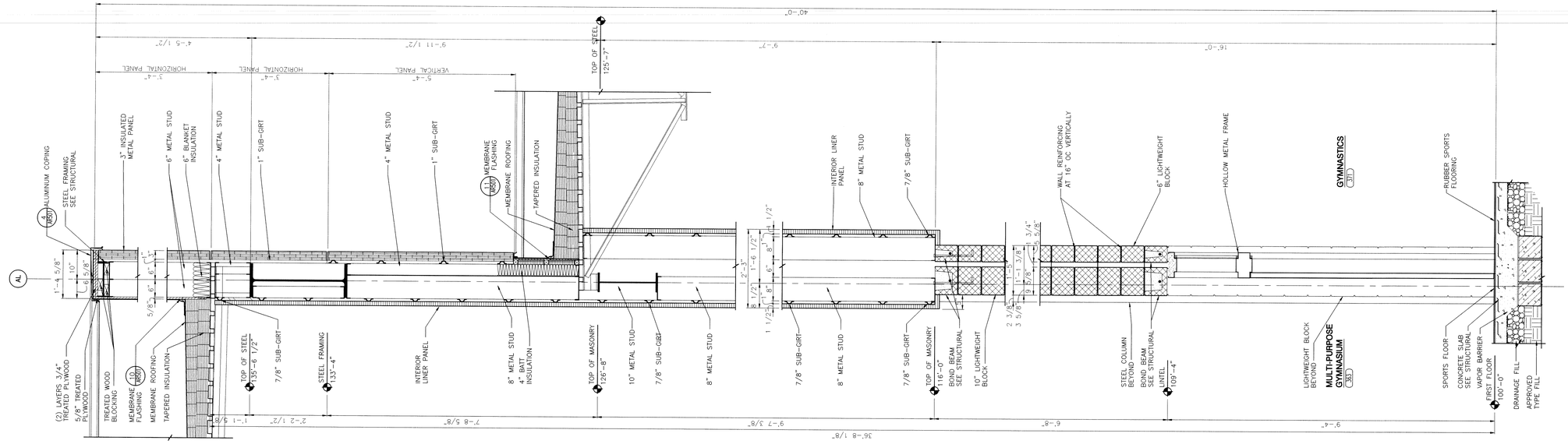

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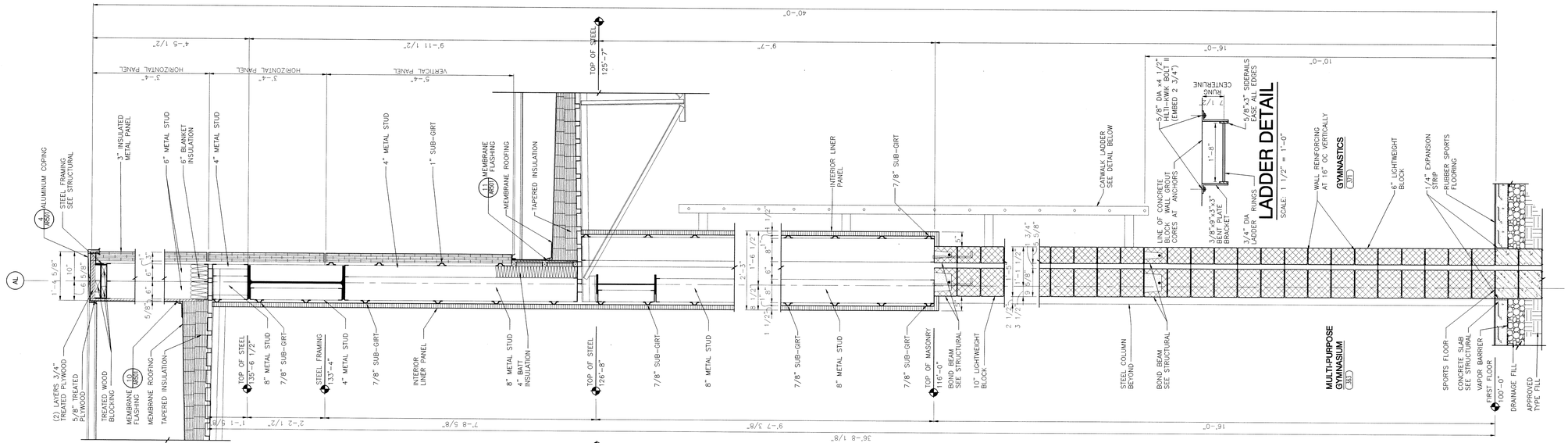

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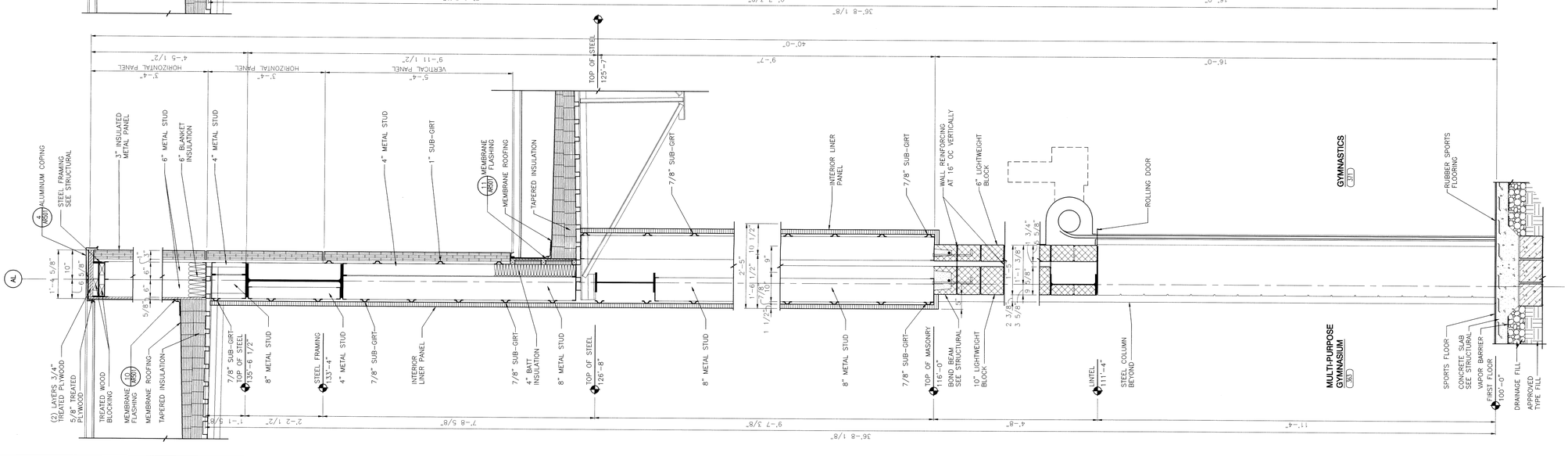
SCALE: 3/4" = 1'-0"

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



WALL SECTION 3/AE316
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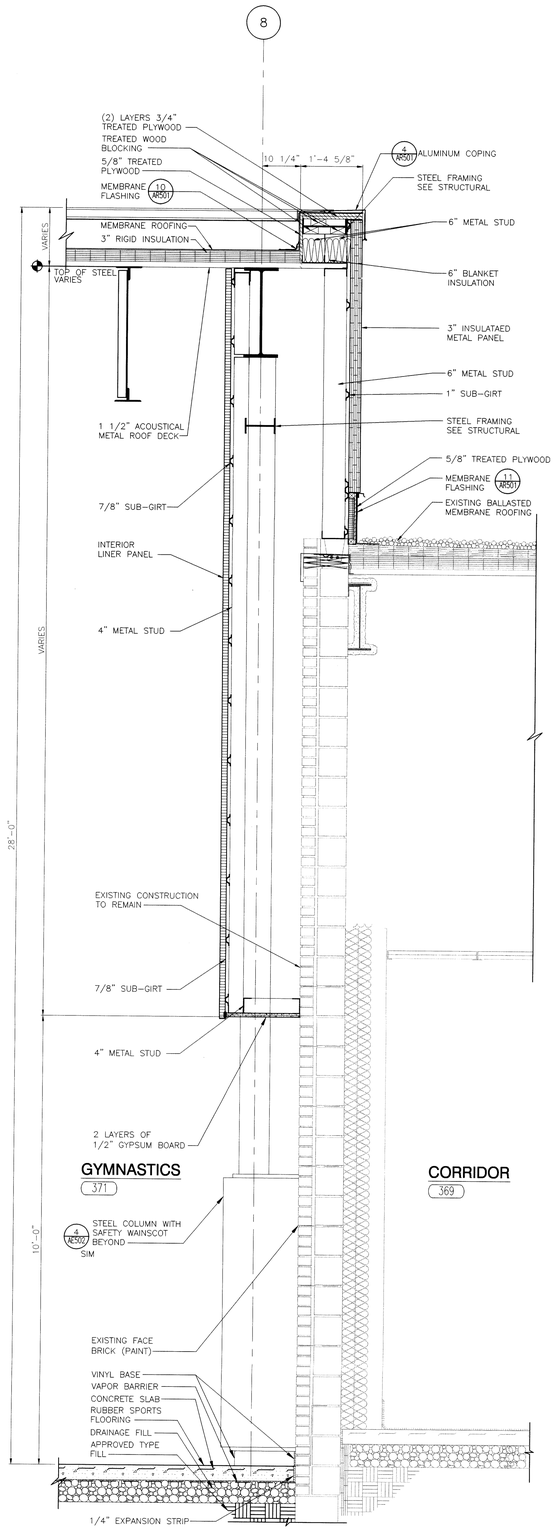
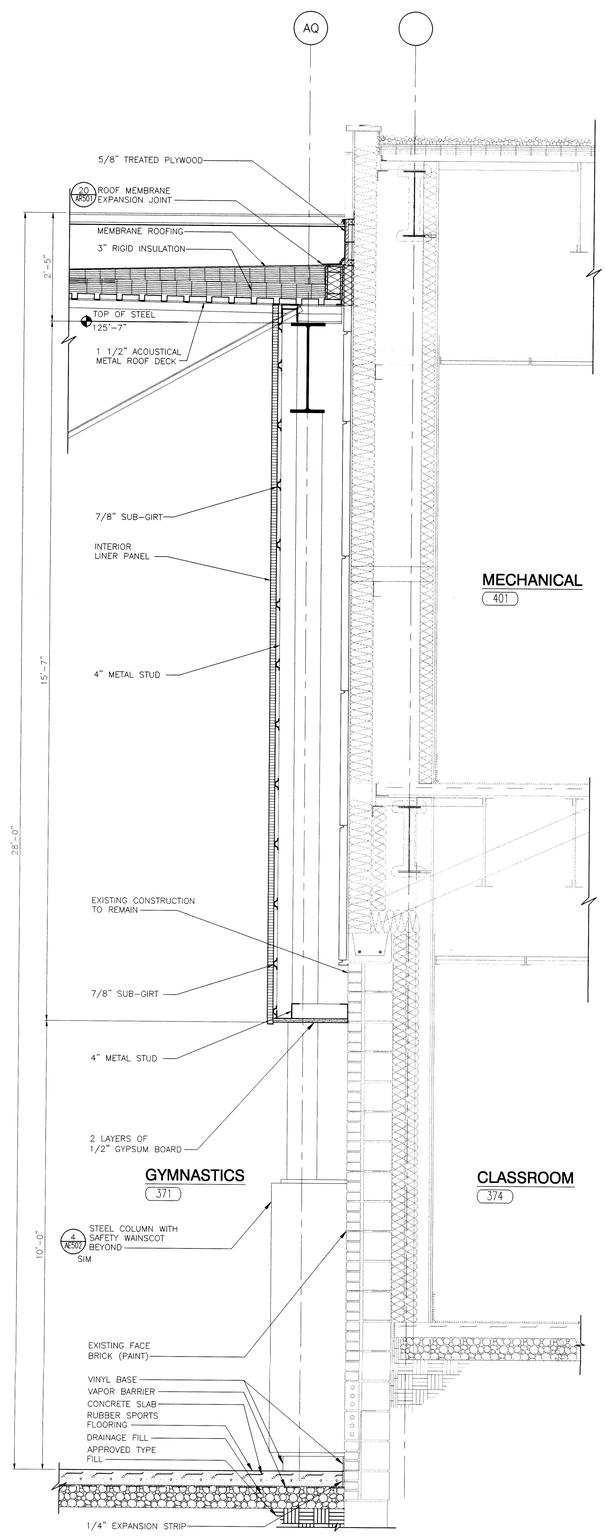


WALL SECTION

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

3 AE317



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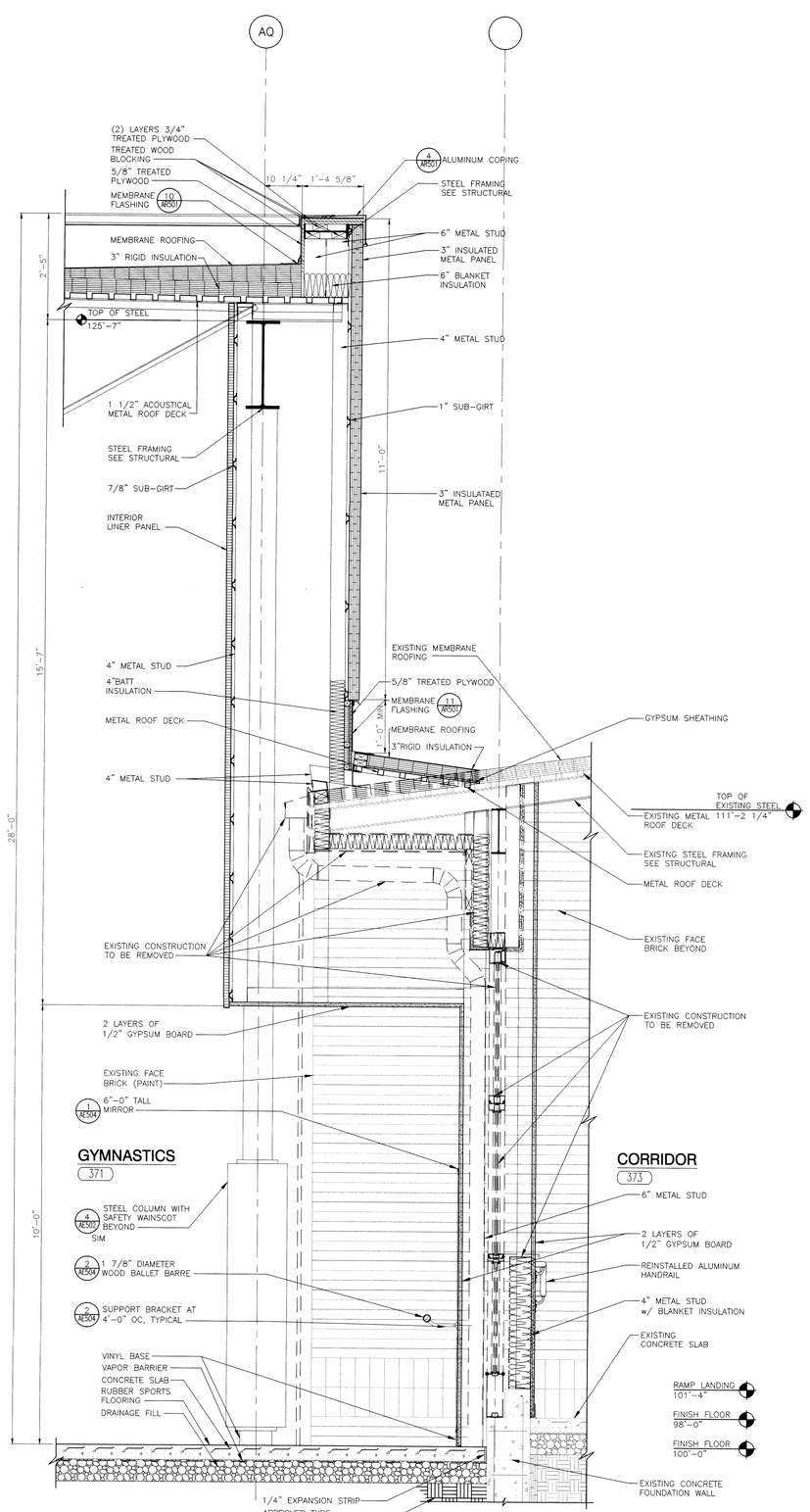
2 AE317



WALL SECTION

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

1 AE317

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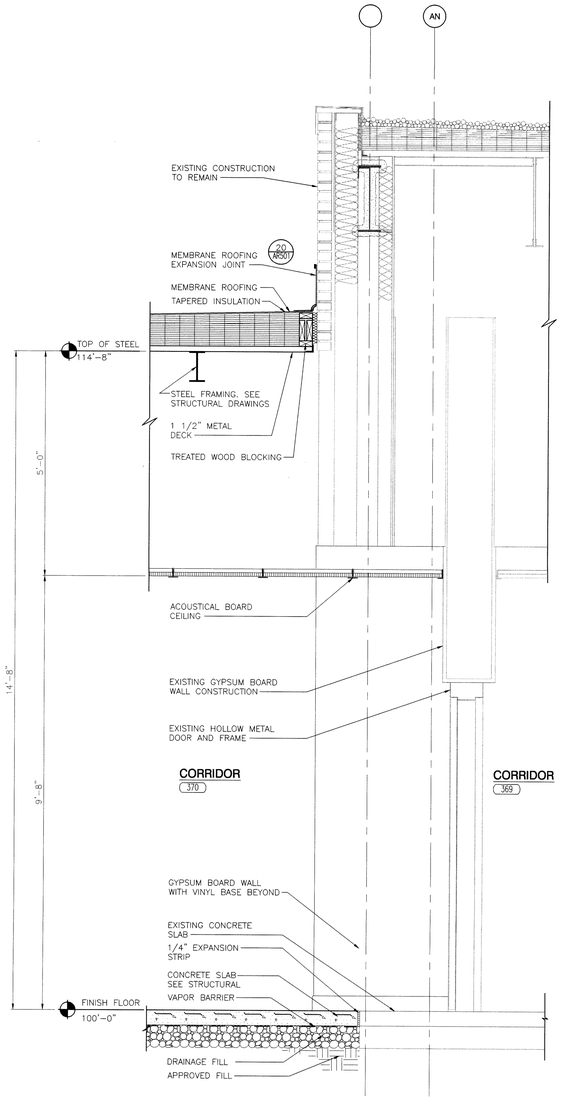

WALL SECTION

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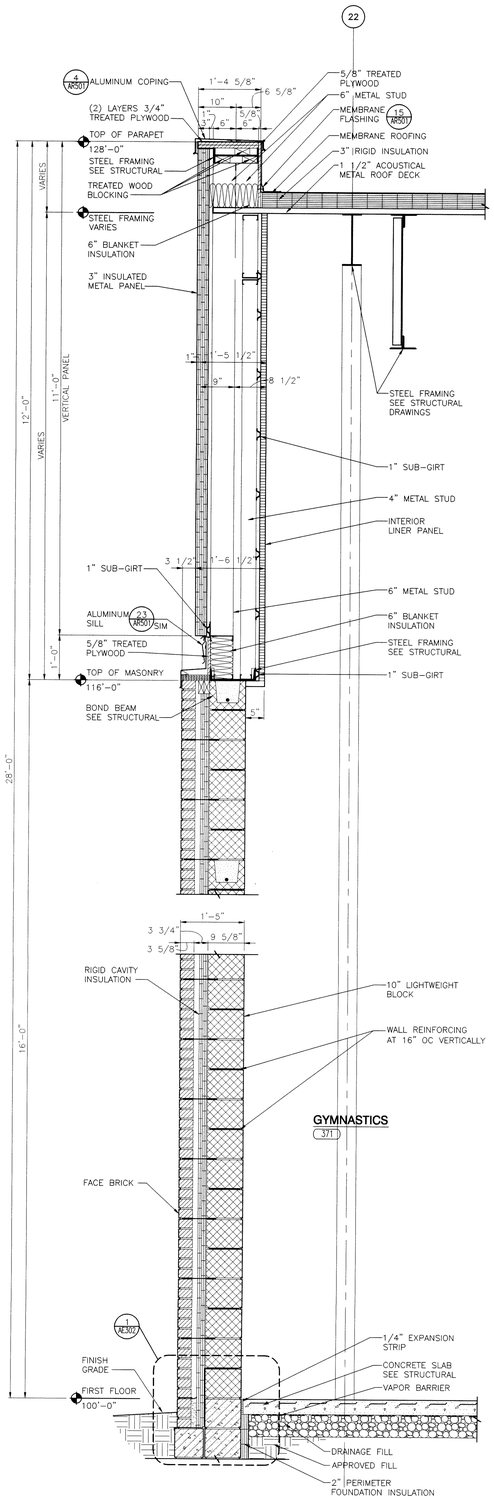
3 AE318



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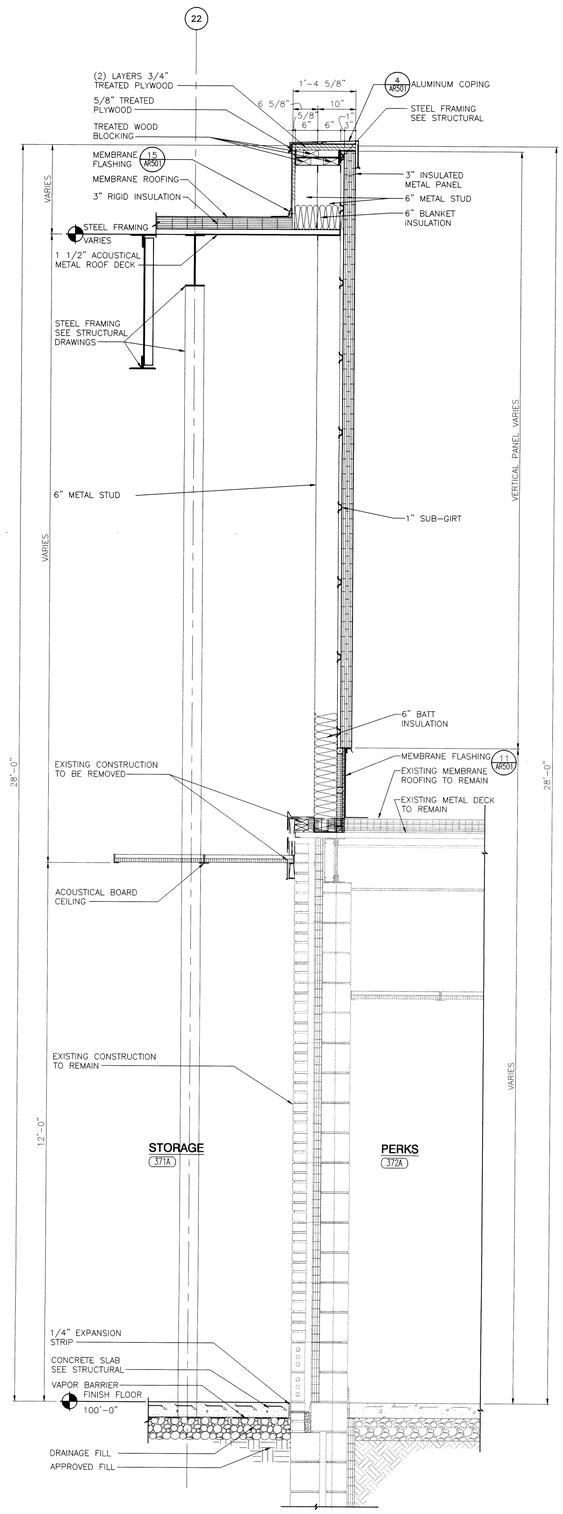

WALL SECTION

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1 AE318

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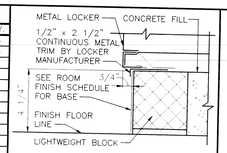
LOCKER SCHEDULE

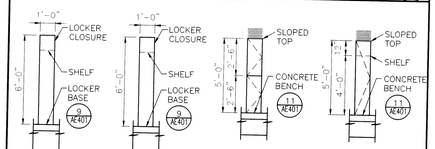
TYPE	LOCATION	QTY.
A	304: GIRLS LOCKERS	15
B	304: GIRLS LOCKERS	24
B	309A: TOILET	6
B	317A: TOILET	6
A	328: BOYS LOCKERS	15
B	328: BOYS LOCKERS	22
C	329: OFFICIALS	5
D	352: OFFICE	10
B	353: LOCKER ROOM	43



LOCKER BASE

SCALE: 3" = 1'-0"

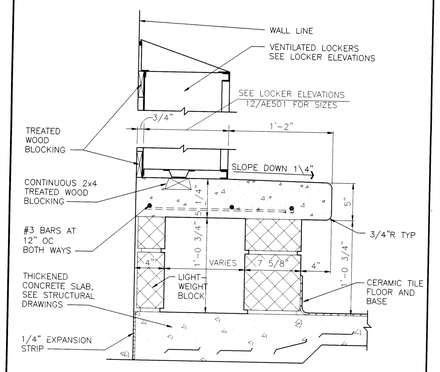
9 AE401



LOCKER ELEVATIONS

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

10 AE401



CONCRETE LOCKER BENCH

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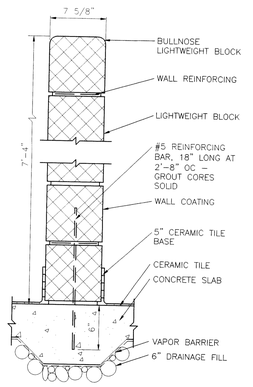
11 AE401



LIGHTWEIGHT BLOCK PARTITION

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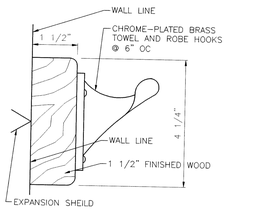
12 AE401



HOOK STRIP

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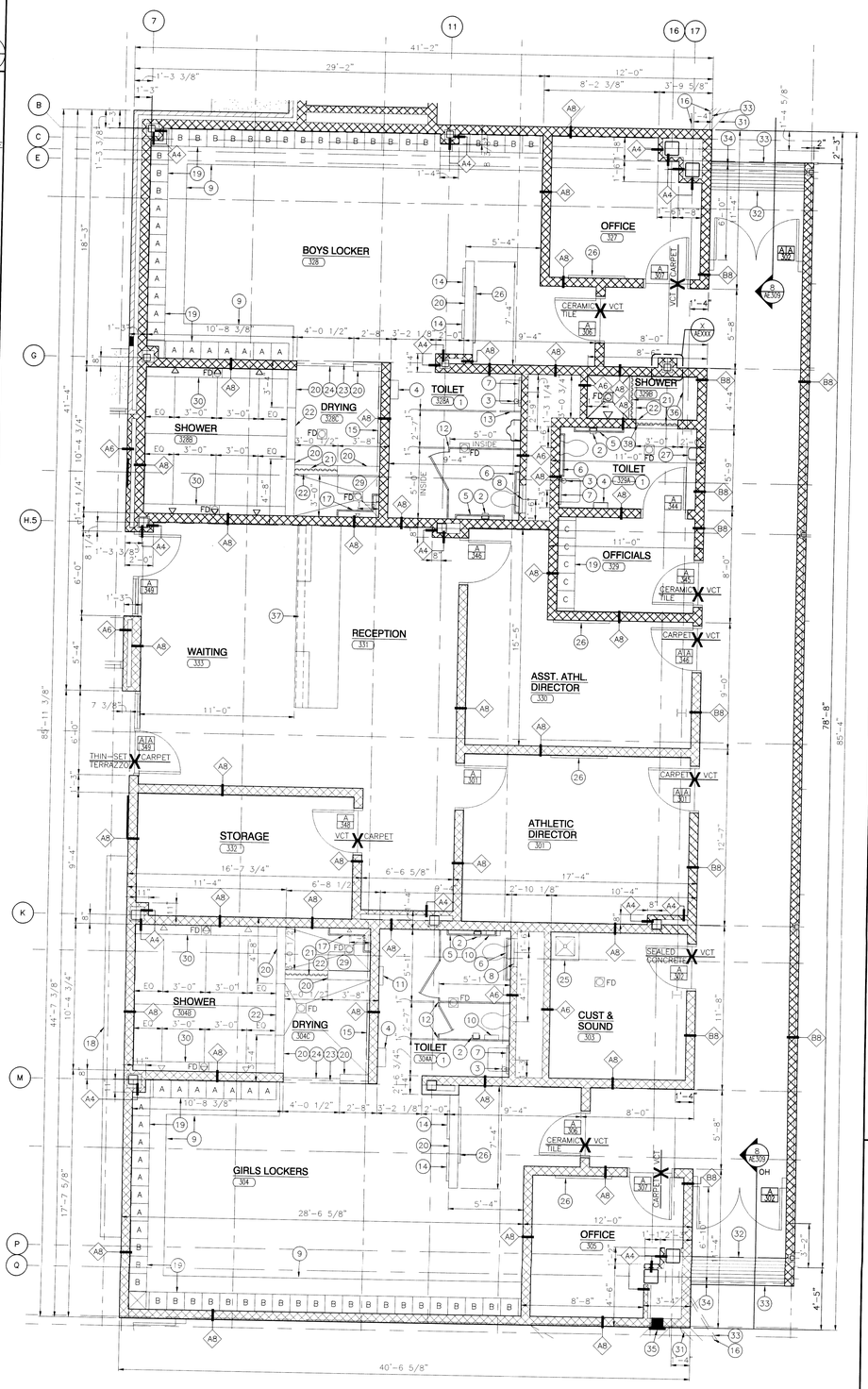
13 AE401



ENLARGED FLOOR PLAN

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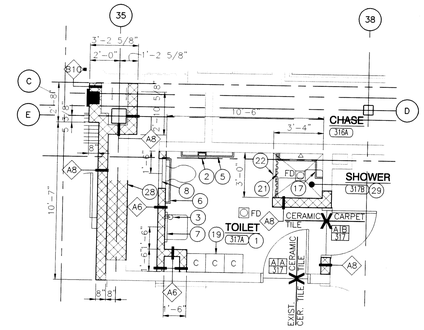
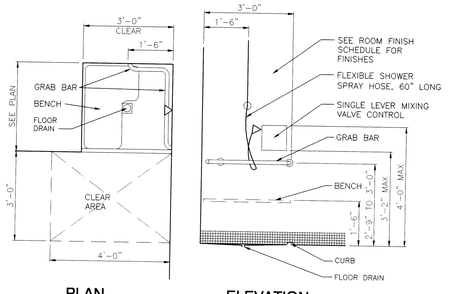
8 AE401



ENLARGED FLOOR PLAN

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

3 AE401

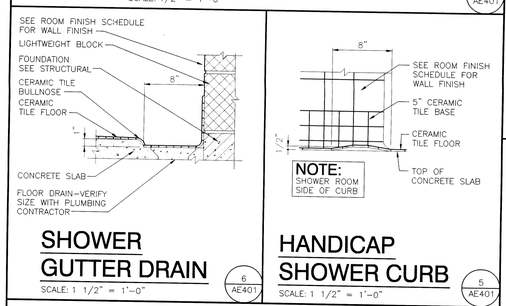


PLAN ELEVATION

INDIVIDUAL SHOWER

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

4 AE401



SHOWER GUTTER DRAIN

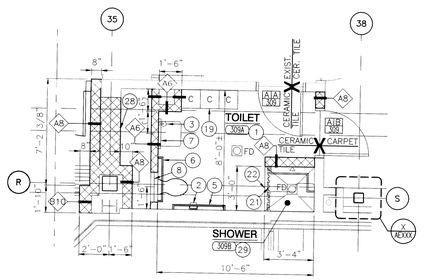
SCALE: 1 1/2" = 1'-0"

6 AE401

HANDICAP SHOWER CURB

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

5 AE401



ENLARGED FLOOR PLAN

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

7 AE401

GENERAL NOTES:

FOR GENERAL NOTES, MATERIAL INDICATIONS, LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. SEE FIRST FLOOR LIFE SAFETY PLAN.

SEE SHEET G1201 FOR MOUNTING HEIGHTS OF TOILET ACCESSORIES UNLESS NOTED OTHERWISE.

ENLARGED TOILET PLAN NOTES:

(APPLY TO THIS SHEET ONLY)

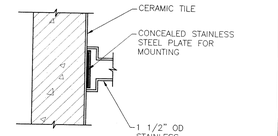
1. ACCESSIBLE FACILITIES. — 1 AE401
2. TOILET PAPER DISPENSER PROVIDED BY OWNER, CONTRACTOR INSTALLED.
3. SOAP DISPENSER PROVIDED BY OWNER, CONTRACTOR INSTALLED.
4. PAPER TOWEL DISPENSER PROVIDED BY OWNER, CONTRACTOR INSTALLED.
5. 42" GRAB BAR. — 2 AE401
6. 36" GRAB BAR. — 2 AE401
7. 2'-0" x 3'-0" MIRROR.
8. 2'-0" x 2'-0" ACCESS PANEL. TOP AT 5'-4" AFF.
9. CONCRETE LOCKER BENCH. — 11 AE401
10. FEMININE NAPKIN DISPOSAL.
11. FEMININE NAPKIN DISPENSER.
12. SOLID PLASTIC TOILET PARTITION.
13. SOLID PLASTIC URINAL SCREEN.
14. 2'-0" x 5'-0" MIRROR.
15. 4'-0" HOOK STRIP. — 13 AE401
16. LINE OF BULKHEAD ABOVE AT 9'-10" AFF. — 6 AE401
17. 52"x42" CONTINUOUS GRAB BAR.
18. DISPLAY CASE. — 3 AE501
19. LOCKERS. — 10 AE401
20. PARTIAL HEIGHT WALL TO 7'-4" AFF. — 12 AE401
21. SHOWER CURTAIN AND ROD.
22. SHOWER CURB. — 5 AE401
23. KEENES CEMENT PLASTER CEILING @ 9'-8" AFF.
24. ABRASIVE CERAMIC TILE IN SHOWER AND DRY AREAS.
25. MOP SINK.
26. CORKBOARD.
27. HAIR DRYER.
28. INFILL WITH MASONRY TO MATCH EXISTING WALL THICKNESS
29. INDIVIDUAL SHOWER. — 4 AE401
30. SHOWER GUTTER DRAIN. — 6 AE401
31. ALUMINUM THRESHOLD.
32. RUBBER RAMP.
33. LINE OF SECOND FLOOR BALCONY ABOVE.
34. 6'-10" GYPSUM BOARD BULKHEAD @ 9'-8" AFF.
35. RECESSED FIRE EXTINGUISHER CABINET.
36. WOOD BENCH. — 4 AE401
37. SEE MILLWORK. — 1 AB02
38. KEENES CEMENT PLASTER CEILING @ 8'-10" AFF.

WALL TYPES

SEE SHEET G1202 FOR WALL TYPE DESCRIPTION.

A4	3 5/8"	B4	3 5/8"	C4	5"	E12	11 5/8"
A6	6 5/8"	B6	5 5/8"	C6	7"	F6	5 5/8"
A8	7 5/8"	B8	7 5/8"	D4	6"	F8	7 5/8"
A10	9 5/8"	B10	9 5/8"	D6	8"	F10	7 5/8"
A12	11 5/8"	B12	11 5/8"	E8	7 5/8"	F12	7 5/8"

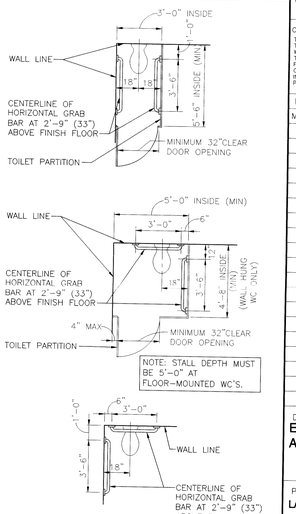
NOTE: REFER TO SHEET G1201 FOR MOUNTING HEIGHTS



GRAB BAR ANCHORAGE DETAIL

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

2 AE401



ACCESSIBLE FACILITIES

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

1 AE401

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ARCHITECTURE + ENGINEERING + INTERIOR DESIGN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY LDH FGK
DRAWN BY MAM
CHECKED BY LDH FGK

REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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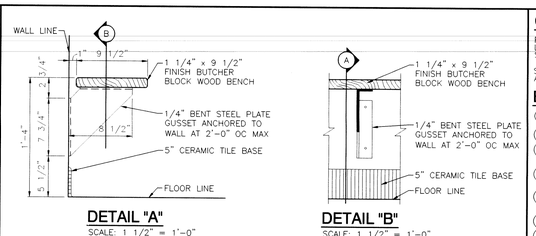
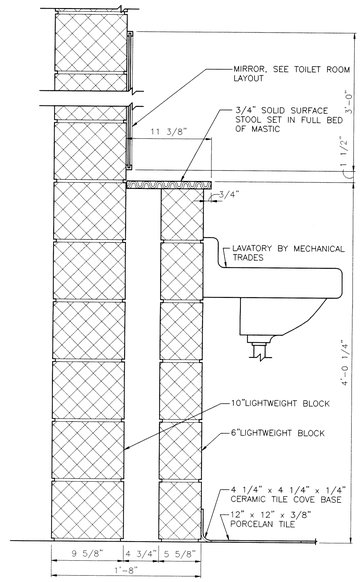


DETAIL "A"
SCALE: 1 1/2" = 1'-0"

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

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

4 AE402



LAVATORY SHELF DETAIL
SCALE: 1 1/2" = 1'-0"

3 AE402

GENERAL NOTES:

FOR GENERAL NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., SEE FIRST FLOOR LIFE SAFETY PLAN.

SEE SHEET GI201 FOR MOUNTING HEIGHTS OF TOILET ACCESSORIES UNLESS NOTED OTHERWISE.

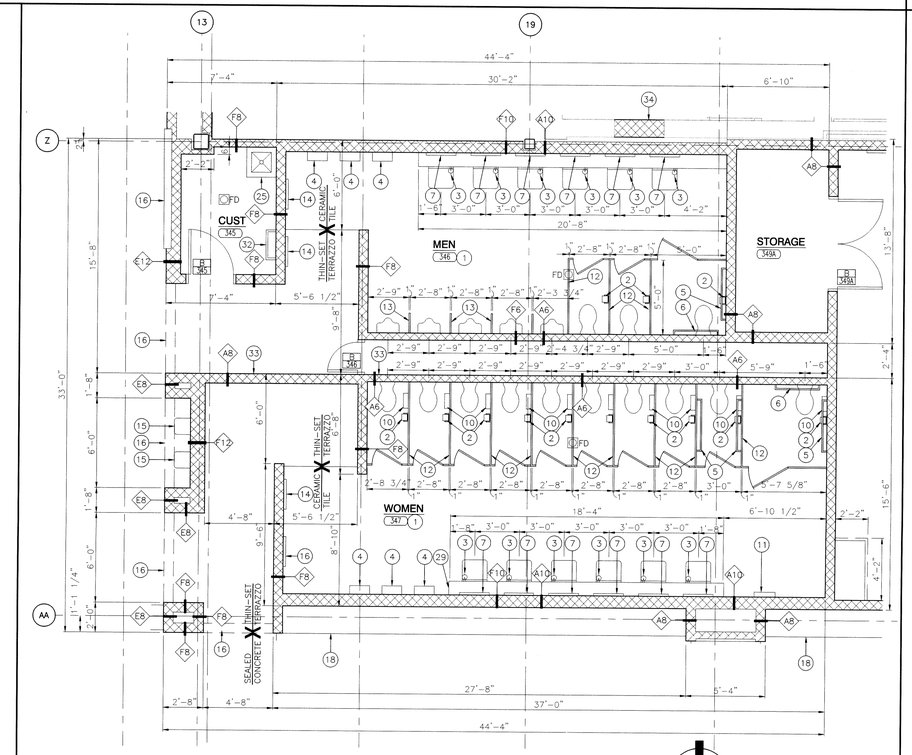
ENLARGED TOILET PLAN NOTES:

(APPLY TO THIS SHEET ONLY)

1. ACCESSIBLE FACILITIES. — 1/AE401
2. TOILET PAPER DISPENSER PROVIDED BY OWNER, CONTRACTOR INSTALLED.
3. SOAP DISPENSER PROVIDED BY OWNER, CONTRACTOR INSTALLED.
4. PAPER TOWEL DISPENSER PROVIDED BY OWNER, CONTRACTOR INSTALLED.
5. 42" GRAB BAR. — 7/AE401
6. 36" GRAB BAR. — 2/AE401
7. 2'-0" x 3'-0" MIRROR.
8. CONCRETE LOCKER BENCH. — 11/AE401
9. LOCKER TYPE "B" — 10/AE401
10. FEMININE NAPKIN DISPOSAL.
11. FEMININE NAPKIN DISPENSER.
12. SOLID PLASTIC TOILET PARTITION.
13. SOLID PLASTIC URINAL SCREEN.
14. 2'-0" x 5'-0" MIRROR.
15. ELECTRIC WATER COOLER.
16. HEAD OF MASONRY OPENING @ 7'-4" AFF.
17. 52"x42" CONTINUOUS GRAB BAR.
18. DISPLAY CASE. — 3/AE501, 4/AE503
19. LOCKER TYPE "D". — 10/AE401
20. PARTIAL HEIGHT WALL TO 7'-4" AFF. — 13/AE401
21. SHOWER CURTAIN AND ROD.
22. SHOWER CURB. — 5/AE401
23. KEENES CEMENT PLASTER CEILING @ 9'-2" AFF.
24. ABRASIVE CERAMIC TILE IN SHOWER AND DRY AREAS.
25. MOP SINK.
26. CORKBOARD. — 1/AE501
27. 3'-0" HOOK STRIP. — 13/AE401
28. WOOD BENCH. — 4/AE402
29. LAVATORY SHELF DETAIL. — 3/AE402
30. SHOWER GUTTER DRAIN. — 7/AE401
31. INDIVIDUAL SHOWER. — 4/AE401
32. 15'-6" TALL STEEL LADDER. — SIM 4/AE316
33. STUD AND GYPSUM BOARD ON THIS WALL EXTENDS TO 20'-0" AFF. KICKERS TO SUPPORT TOP OF WALL EVERY 4'-0" OC. THIS CONDITION EXISTS WEST OF COL. LINE 19.
34. INFILL WITH MASONRY. MATCH EXISTING THICKNESS.

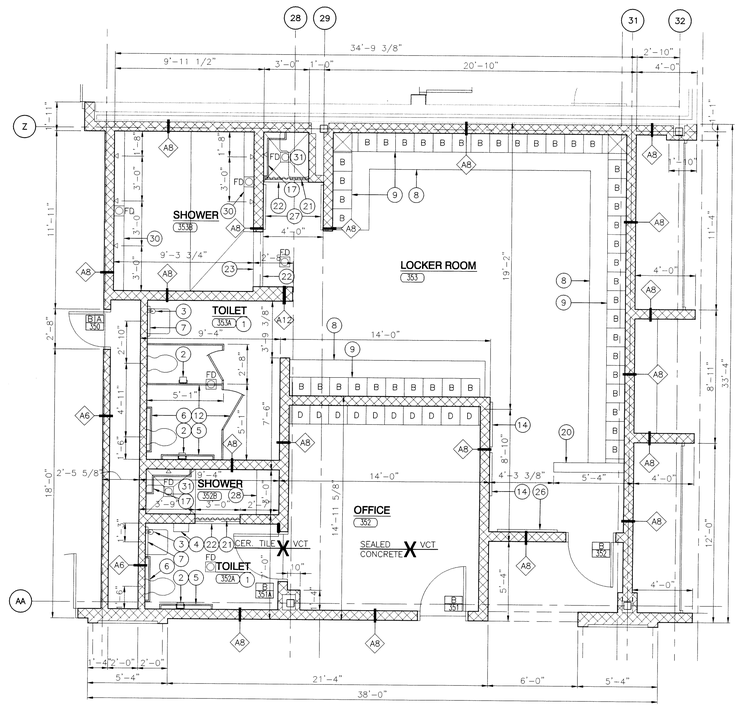
WALL TYPES
SEE SHEET GI202 FOR WALL TYPE DESCRIPTION.

A4 3 5/8"	B4 3 5/8"	C4 5"	E12 11 5/8"
A6 6 5/8"	B6 5 5/8"	C6 7"	F6 5 5/8"
A8 7 5/8"	B8 7 5/8"	D4 6"	F8 7 5/8"
A10 9 5/8"	B10 9 5/8"	D6 8"	F10 7 5/8"
A12 11 5/8"	B12 11 5/8"	E8 7 5/8"	F12 7 5/8"



ENLARGED FLOOR PLAN
SCALE: 1/4" = 1'-0"

2 AE402



ENLARGED FLOOR PLAN
SCALE: 1/4" = 1'-0"

1 AE402

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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY LDH
DRAWN BY MRH
CHECKED BY LDH

LAWRENCE D. HOYE REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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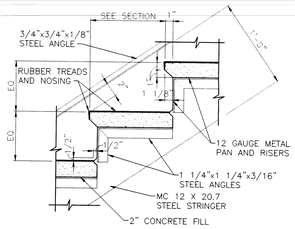
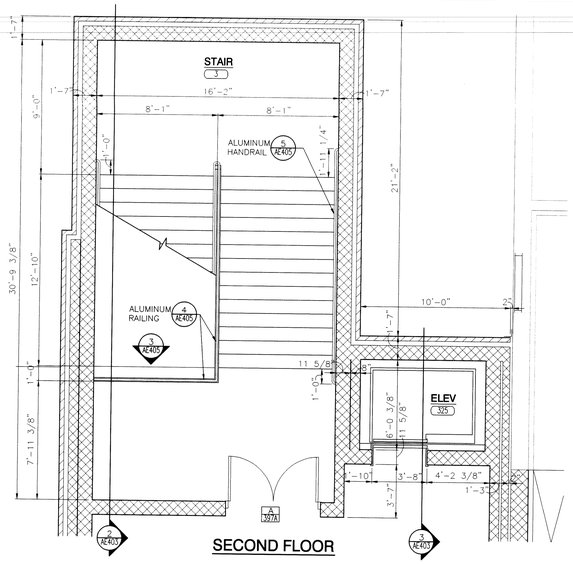
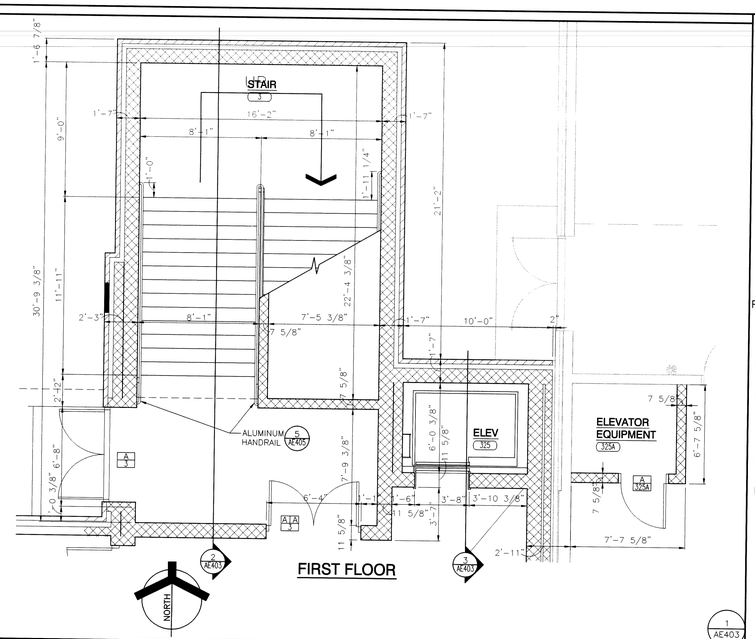


METAL PAN TREAD

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

4 AE403

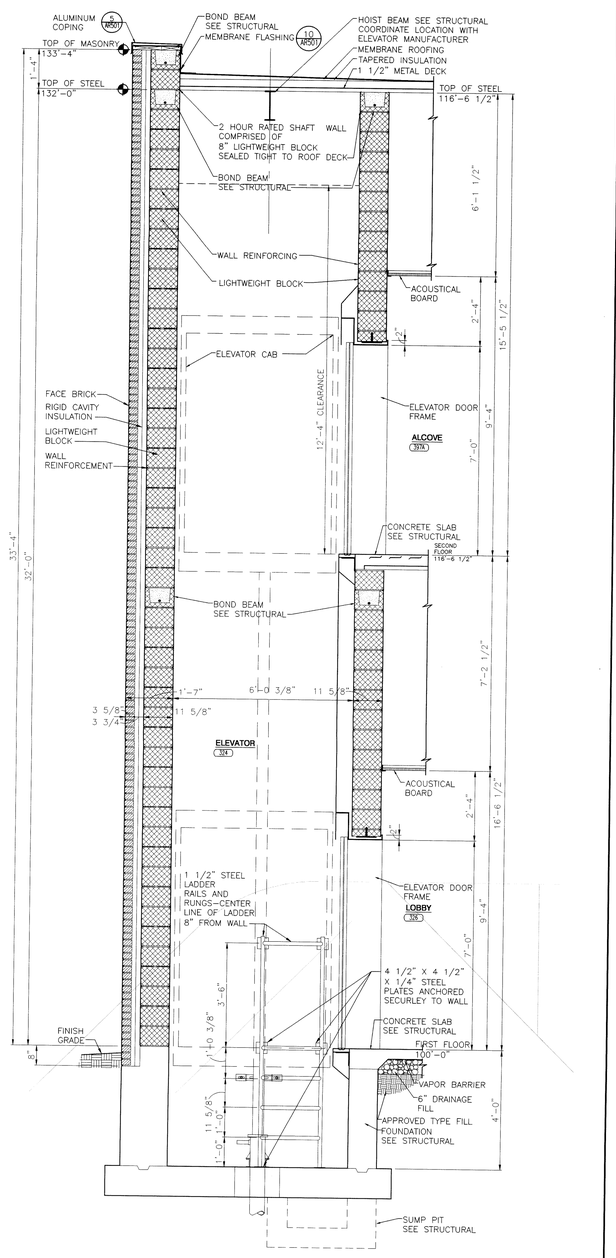




STAIR #3

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

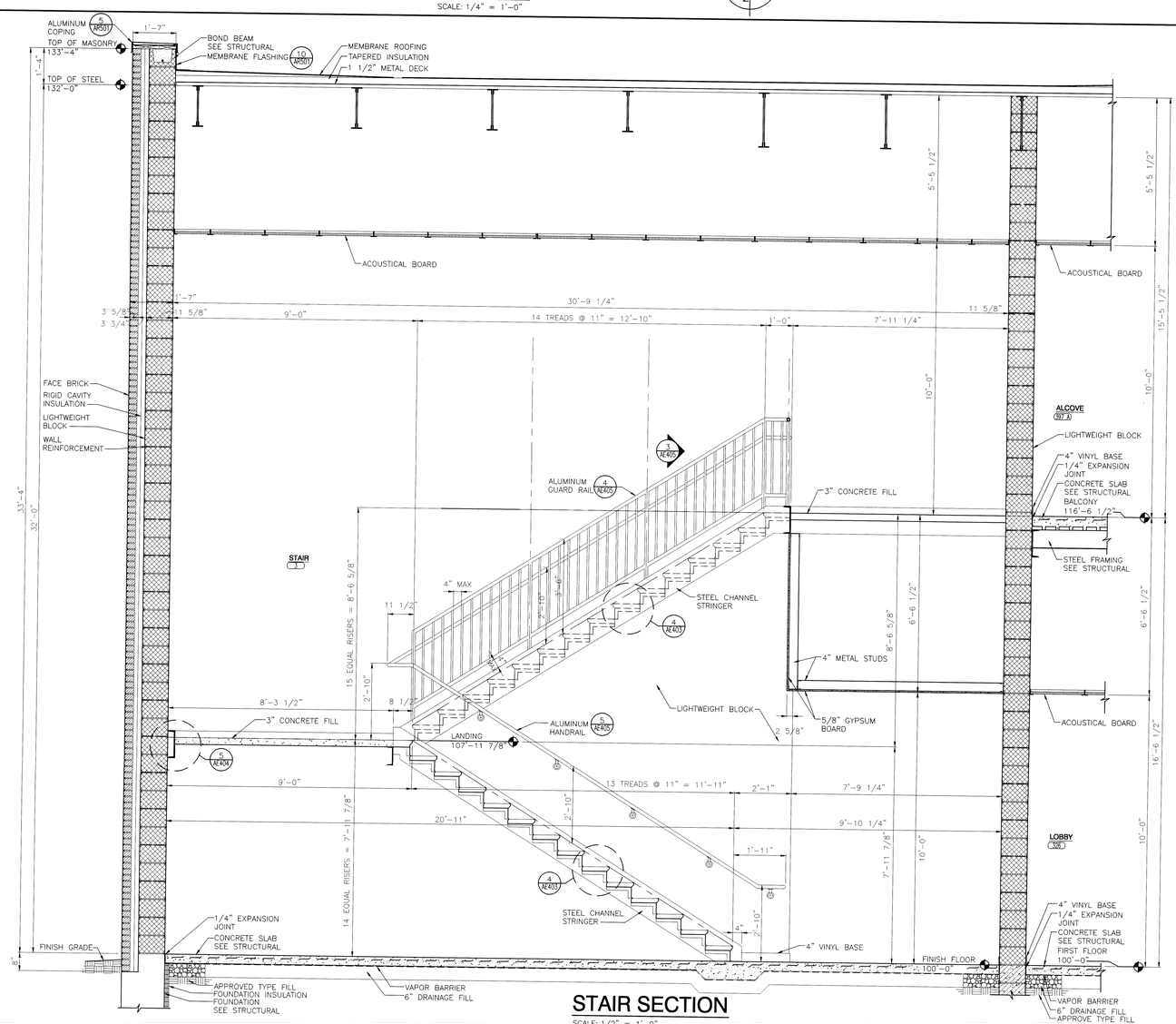
1 AE403



ELEVATOR #324 SECTION

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

3 AE403



STAIR SECTION

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

2 AE403

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STAIR #3 AND ELEVATOR #324 ENLARGED FLOOR PLANS AND SECTIONS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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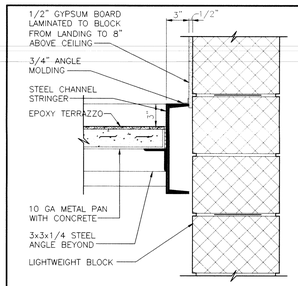
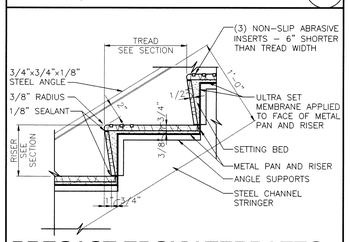


STRINGER DETAIL

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

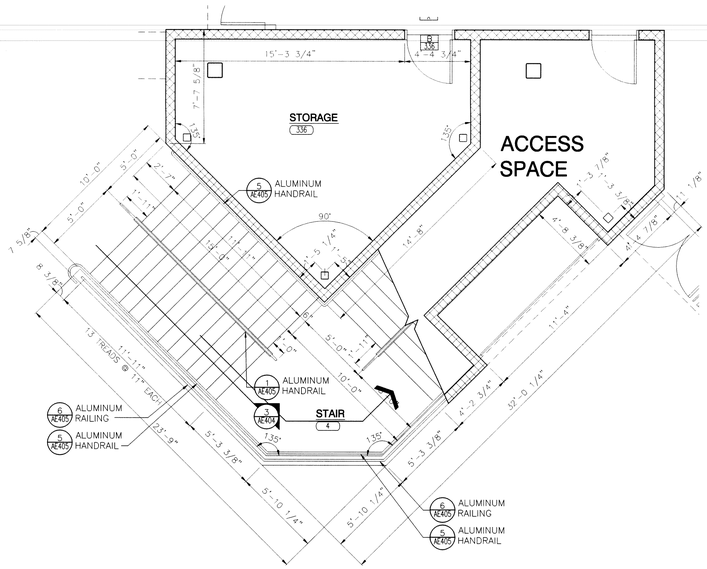
5 / AE404



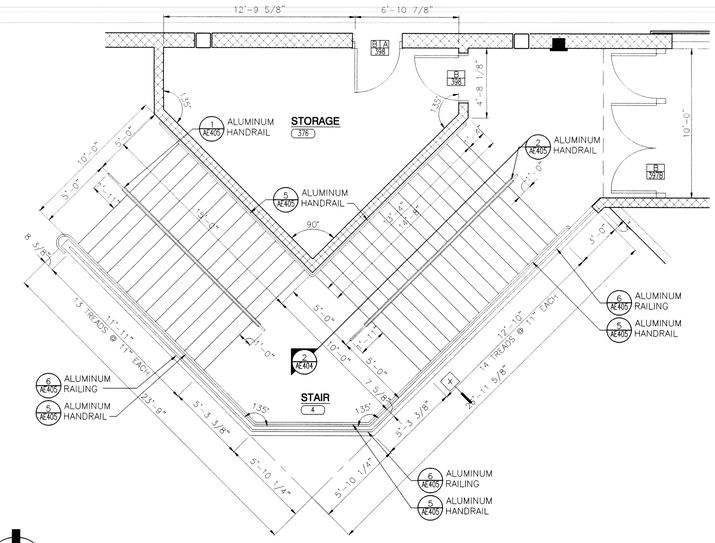
PRECAST EPOXY TERRAZZO TREAD AND RISER

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

4 / AE404



FIRST FLOOR



SECOND FLOOR

STAIR #4

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

NORTH

1 / AE404

STAIR SECTION

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

3 / AE404

STAIR SECTION

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

2 / AE404

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LAWRENCE D HOYE REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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STAIR #4 ENLARGED FLOOR PLANS AND SECTIONS

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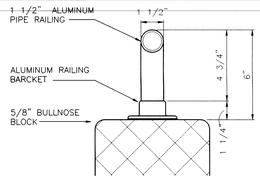
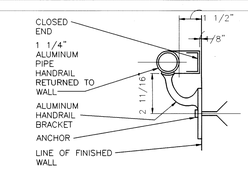


ALUMINUM RAILING

SCALE: 3" = 1'-0"

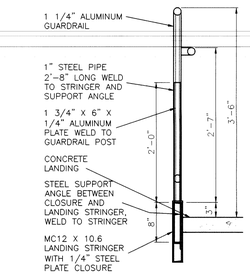
6 AE405



ALUMINUM HANDRAIL BRACKET

SCALE: 3" = 1'-0"

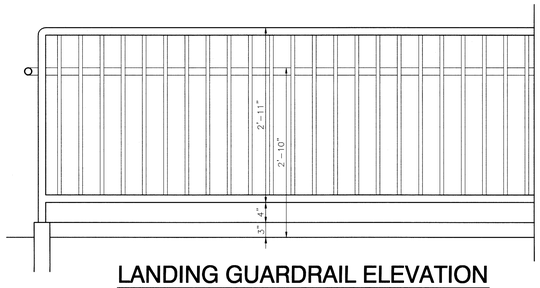
5 AE405



LANDING GUARDRAIL

SCALE: 1" = 1'-0"

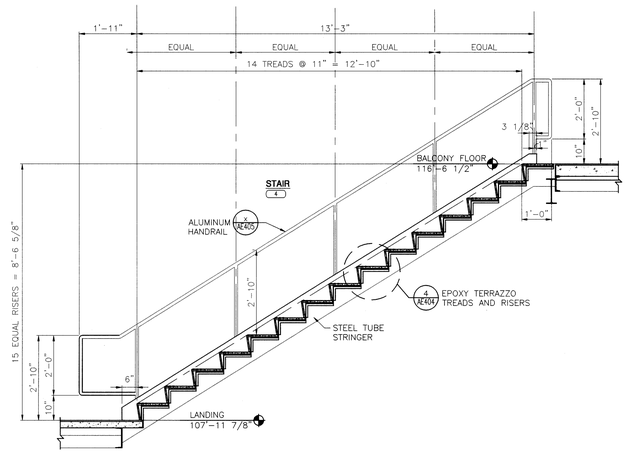
4 AE405



LANDING GUARDRAIL ELEVATION

SCALE: 1" = 1'-0"

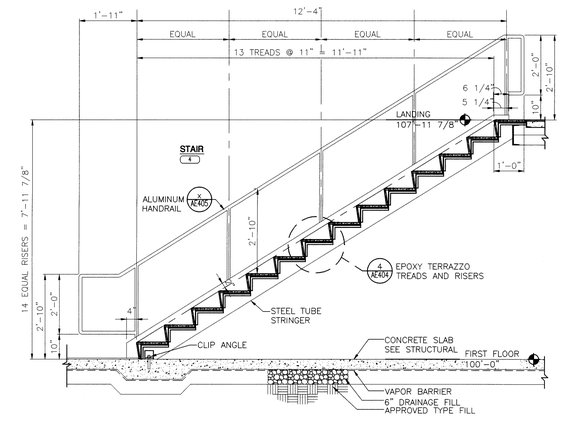
3 AE405



HAND RAIL TOP RUN STAIR #4 SECTION

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

2 AE405



HAND RAIL BOTTOM RUN STAIR #4 SECTION

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

1 AE405

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DRAWN BY MRH
CHECKED BY LDH

LAWRENCE D. HOYT REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR

DRAWING
STAIR SECTIONS AND DETAILS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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SHEET
AE405

Tue, 3/20/2007 - 7:37 am
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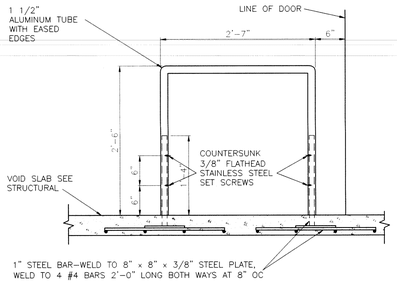
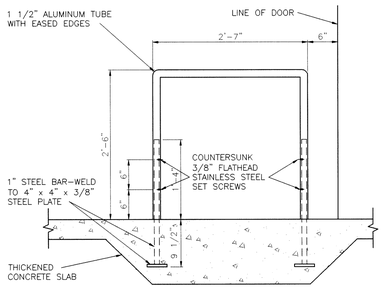


EXTERIOR ALUMINUM DIVIDER RAIL

SCALE: 1" = 1'-0"

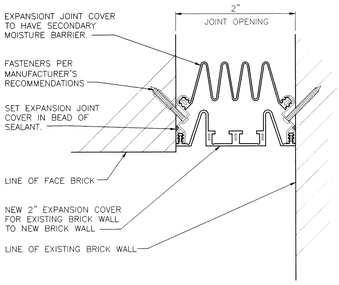
14 AE501



INTERIOR ALUMINUM DIVIDER RAIL

SCALE: 1" = 1'-0"

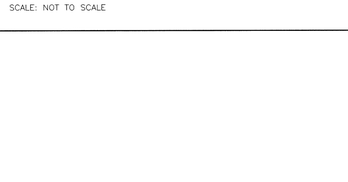
15 AE501



EXTERIOR EXPANSION JOINT WALL TO WALL

SCALE: NOT TO SCALE

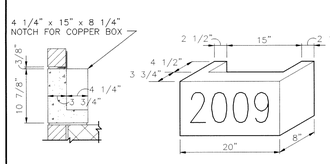
16 AE501



EXPANSION JOINT

SCALE: NOT TO SCALE

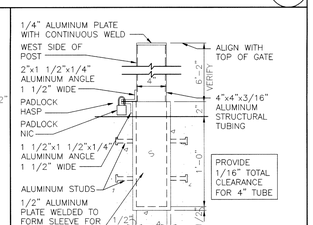
17 AE501



DATE STONE

SCALE: 1" = 1'-0"

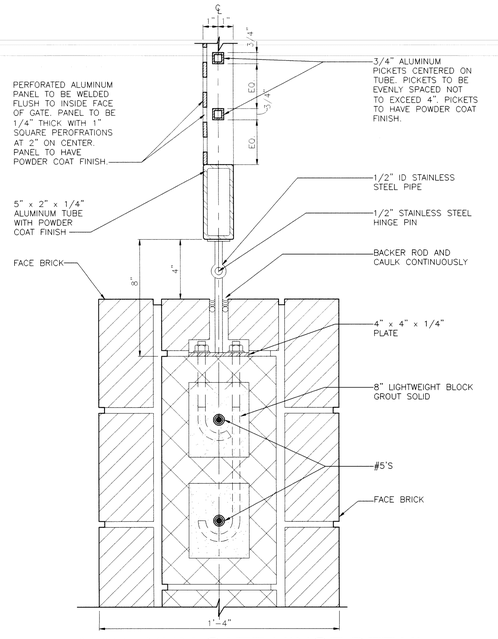
19 AE501



REMOVABLE MULLION

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

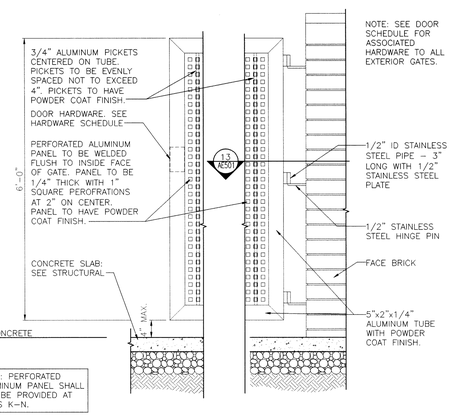
18 AE501



ALUMINUM GATE HINGE DETAIL

SCALE: 3" = 1'-0"

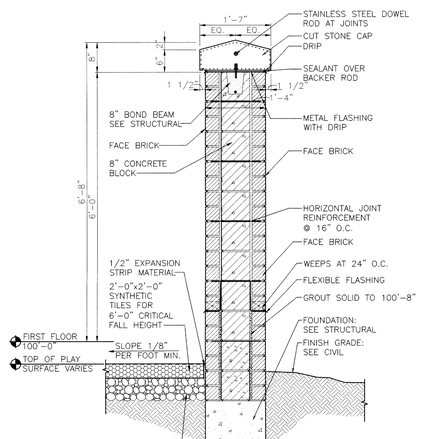
13 AE501



ALUMINUM GATE DETAIL

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

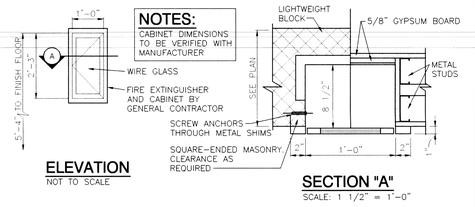
12 AE501



OUTDOOR "PERKS" AREA SCREEN WALL

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

11 AE501



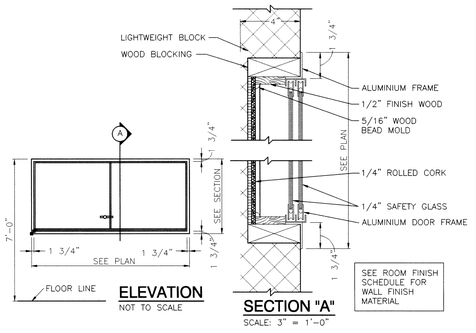
ELEVATION
NOT TO SCALE

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

FIRE EXTINGUISHER CABINET

SCALE: AS NOTED

6 AE501



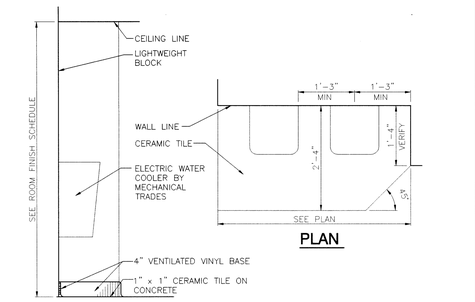
ELEVATION
NOT TO SCALE

SECTION "A"
SCALE: 3" = 1'-0"

RECESSED CORKBOARD

SCALE: AS NOTED

7 AE501



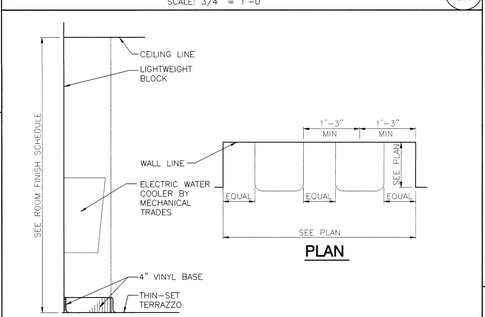
PLAN

SECTION

CERAMIC TILE- WATER COOLER RECESS

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

8 AE501



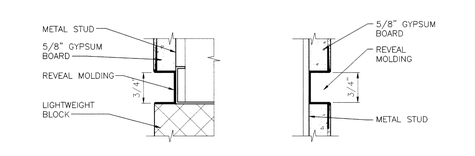
PLAN

SECTION

TERRAZZO - WATER COOLER RECESS

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

9 AE501



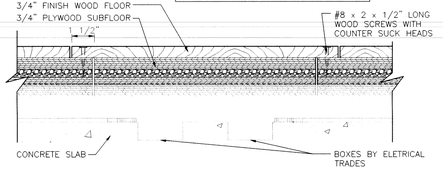
CMU AND GYPSUM BOARD

GYPSUM BOARD

REVEAL MOLDING

SCALE: NOT TO SCALE

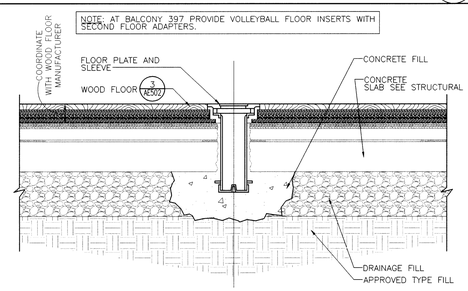
10 AE501



REMOVABLE FLOOR INSERT

SCALE: 3" = 1'-0"

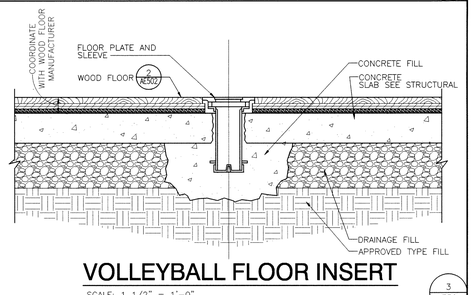
5 AE501



VOLLEYBALL FLOOR INSERT

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

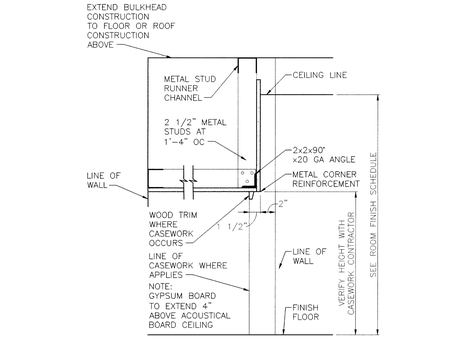
4 AE501



VOLLEYBALL FLOOR INSERT

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

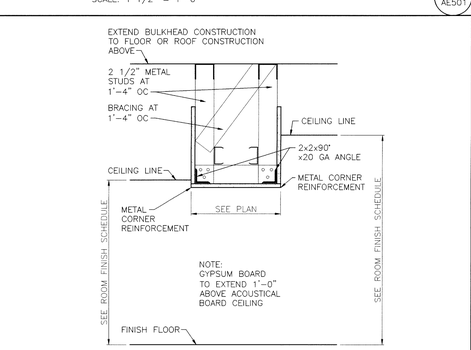
3 AE501



GYPSUM BOARD BULKHEAD

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

2 AE501



GYPSUM BOARD BULKHEAD

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

1 AE501

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK

MSD OF LAWRENCE TOWNSHIP

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
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PROJECT 06–612
DATE 03/19/07
COORDINATED BY LDH
DRAWN BY MRH
CHECKED BY LDH

LAWRENCE D. HOLT REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR

DRAWING
TYPICAL DETAILS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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AE501

Tue, 3/20/2007 – 7:40 am
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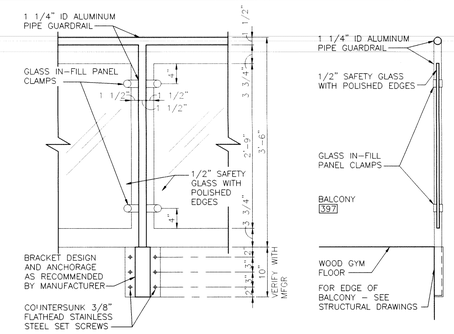
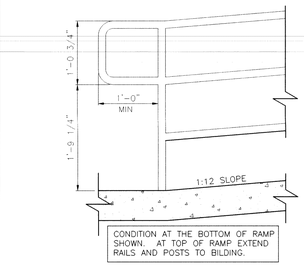


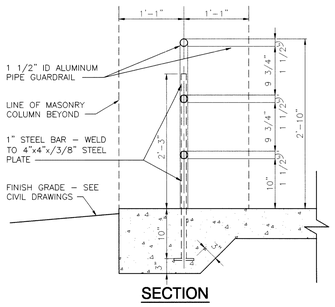
ALUMINUM GUARDRAIL AT BALCONY

SCALE: 1" = 1'-0"

12 AE502



SIDE VIEW

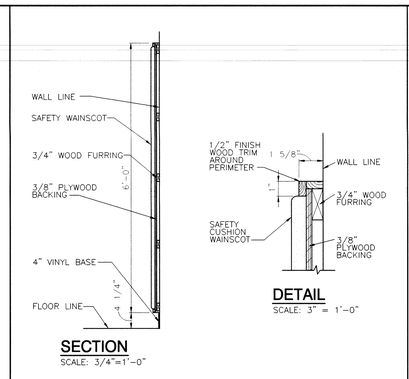


SECTION

ALUMINUM HANDRAIL

SCALE: 1" = 1'-0"

11 AE502



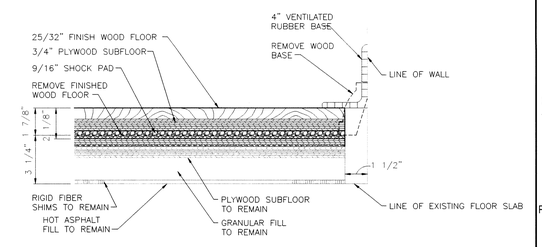
SECTION
SCALE: 3/4"=1'-0"

DETAIL
SCALE: 3" = 1'-0"

SAFETY CUSHION WAINSCOT

SCALE: AS NOTED

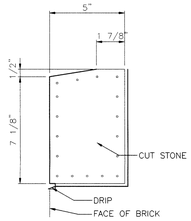
4 AE502



WOOD FLOOR AND BASE

SCALE: 3" = 1'-0"

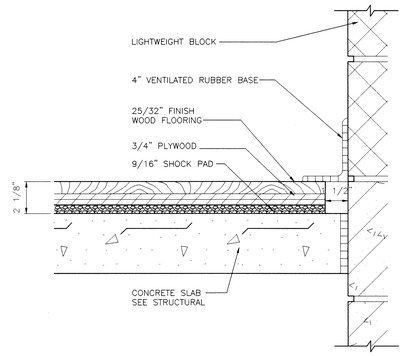
3 AE502



CUT STONE SILL

SCALE: 3" = 1'-0"

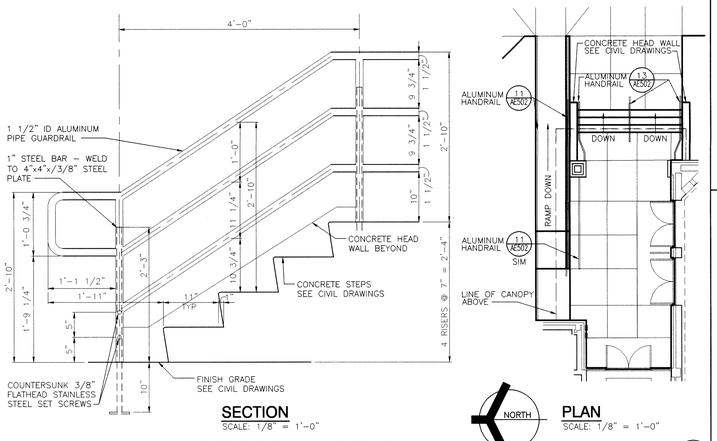
5 AE502



WOOD FLOOR

SCALE: 3" = 1'-0"

2 AE502



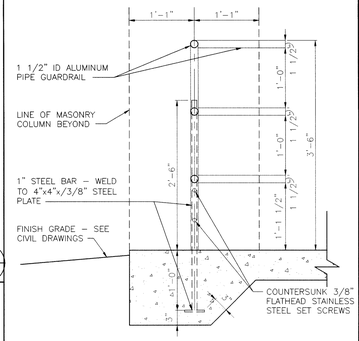
SECTION
SCALE: 1/8" = 1'-0"

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

ALUMINUM HANDRAIL

SCALE: AS NOTED

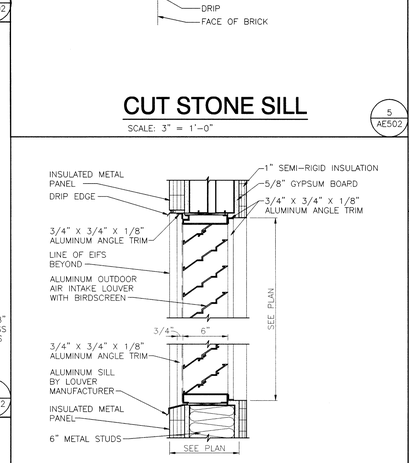
13 AE502



ALUMINUM GUARDRAIL

SCALE: 1" = 1'-0"

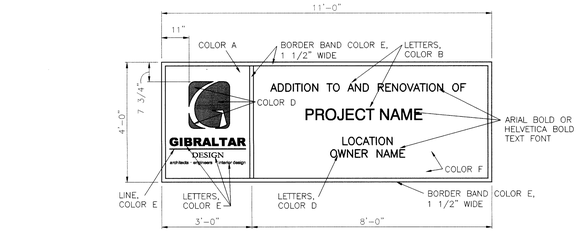
10 AE502



LOUVER

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

6 AE502



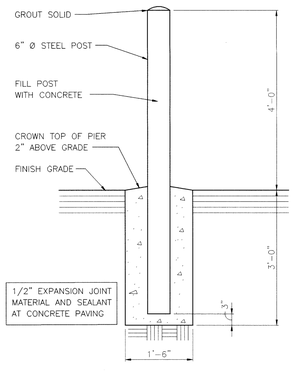
NOTE:
1. COLORS TO BE VERIFIED WITH OWNER.
2. ART WORK WILL BE FURNISHED BY THE ARCHITECT TO THE PAINTER.
3. 1 1/2" BLACK BORDER AROUND ENTIRE SIGN.

COLORS:
REFERENCE PANTONE COLOR FORMULA GUIDE
COLOR A = WHITE
COLOR B = 295 U (BLUE)
COLOR C = 422 U (GRAY)
COLOR D = 194 U (BURGUNDY)
COLOR E = BLACK
COLOR F = 420 U (LIGHT GRAY)

PROJECT SIGN

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

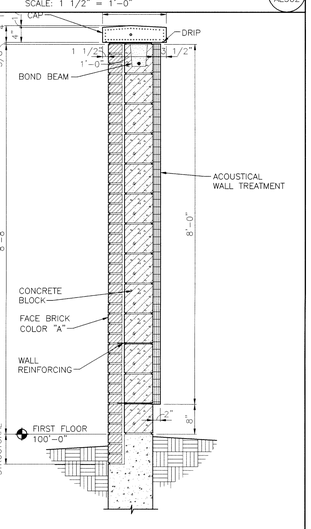
14 AE502



BOLLARD

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

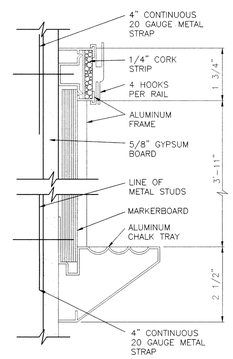
9 AE502



OUTDOOR SCREEN WALL

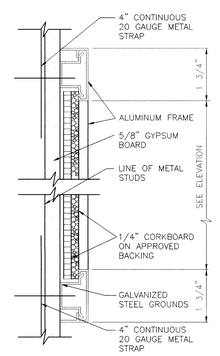
SCALE: 3/4" = 1'-0"

7 AE502



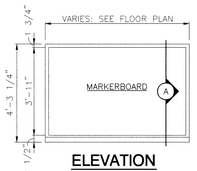
FIXED MARKERBOARD "A"

SCALE: HALF SIZE



CORKBOARD "B"

SCALE: HALF SIZE



ELEVATION
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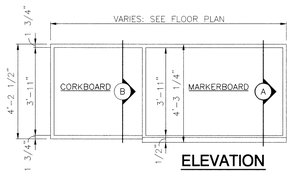

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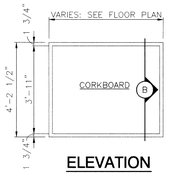


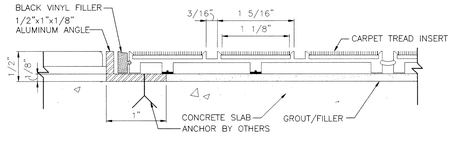
ELEVATION
NOT TO SCALE

NOTES:
1. SEE FLOOR PLANS FOR LOCATION.
2. SEE ROOM FINISH SCHEDULE FOR WALL FINISH.
3. MOUNTING HEIGHT AS DIRECTED BY ARCHITECT.

TYPICAL MARKERBOARD/ CORKBOARD DETAILS

SCALE: 6" = 1'-0"

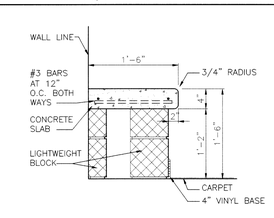
1 AE502



ALUMINUM ROLLOUT MAT

SCALE: FULL SIZE

15 AE502



CONCRETE BENCH

SCALE: 1" = 1'-0"

8 AE502

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 06-612
DATE 03/19/07
COORDINATED BY LDH
DRAWN BY MRH
CHECKED BY LDH

LAWRENCE D. HOYT REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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PLAN DETAILS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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SHEET
AE502

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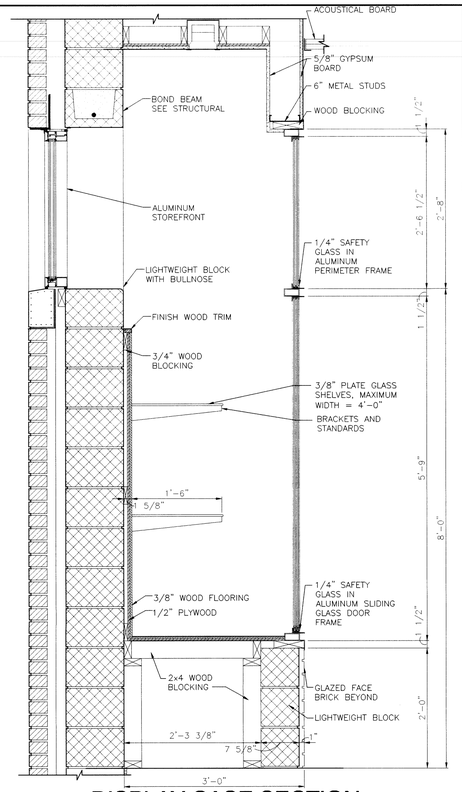
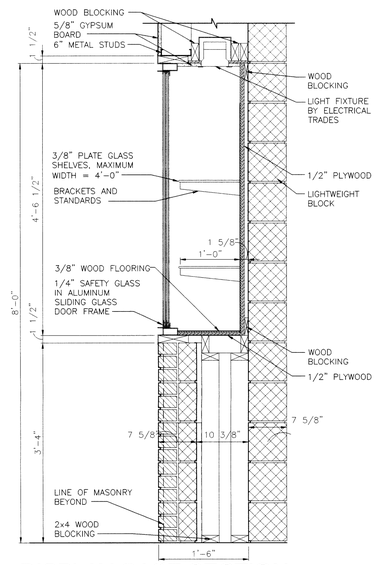


DISPLAY CASE SECTION

SCALE: 1" = 1'-0"

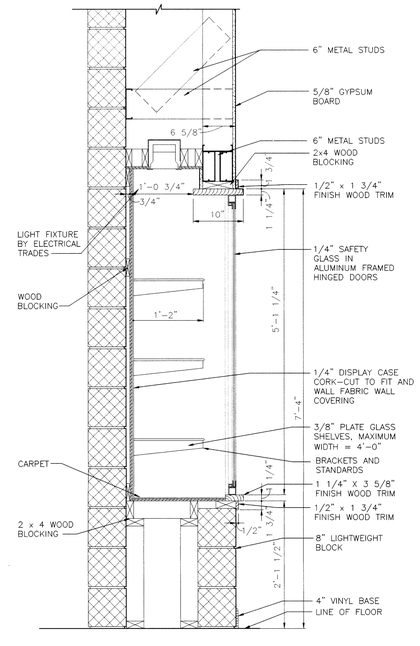
6 AE503



DISPLAY CASE SECTION

SCALE: 1" = 1'-0"

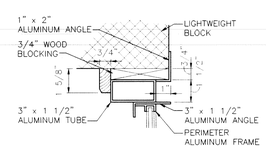
5 AE503



DISPLAY CASE SECTION

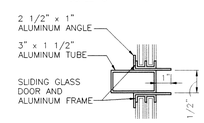
SCALE: 1" = 1'-0"

4 AE503



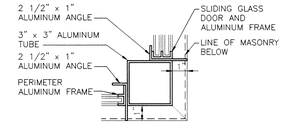
JAMB "F"

SCALE: 3" = 1'-0"



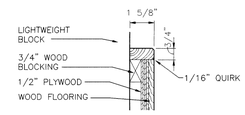
MULLION "G"

SCALE: 3" = 1'-0"



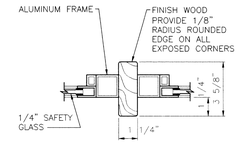
CORNER "H"

SCALE: 3" = 1'-0"



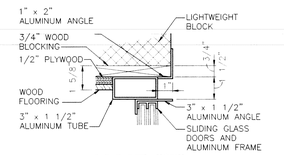
WOOD TRIM "J"

SCALE: 3" = 1'-0"



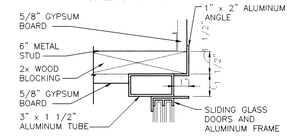
MULLION "K"

SCALE: 3" = 1'-0"



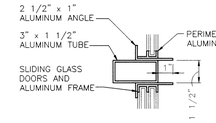
JAMB "E"

SCALE: 3" = 1'-0"



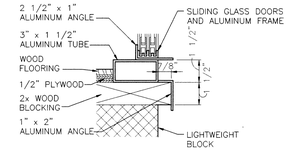
HEAD "D"

SCALE: 3" = 1'-0"



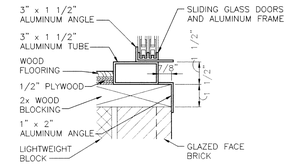
MUNTIN "C"

SCALE: 3" = 1'-0"



SILL "B"

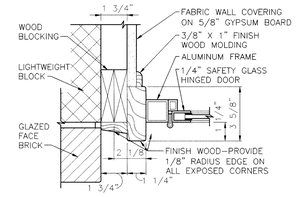
SCALE: 3" = 1'-0"



SILL "A"

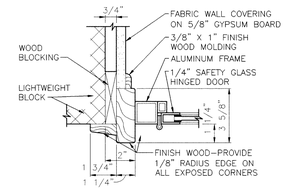
SCALE: 3" = 1'-0"

2 AE503



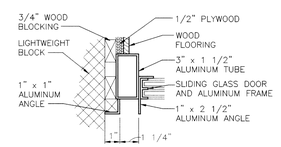
JAMB "L"

SCALE: 3" = 1'-0"



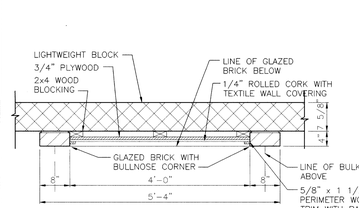
JAMB "M"

SCALE: 3" = 1'-0"



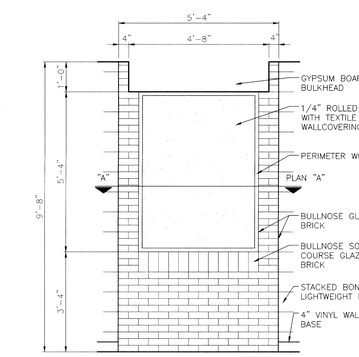
JAMB "N"

SCALE: 3" = 1'-0"



PLAN "A - A"

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



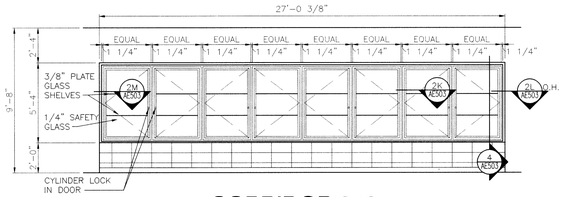
ELEVATION

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

DISPLAY WALL

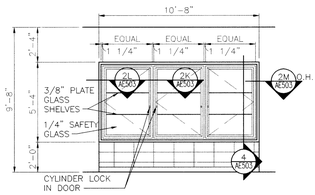
SCALE AS NOTED

1 AE503



CORRIDOR 348

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



CORRIDOR 348

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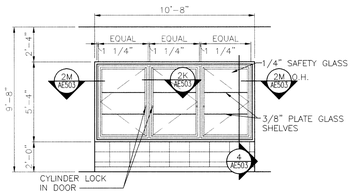
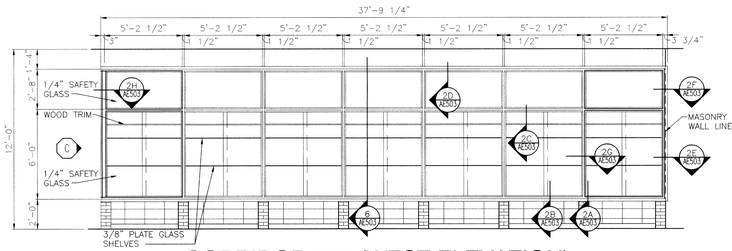


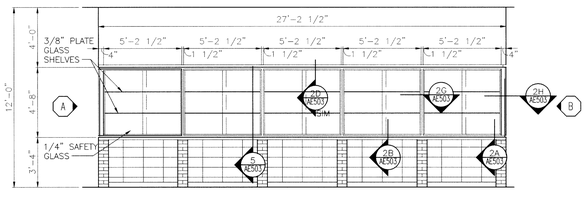
CORRIDOR 348

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



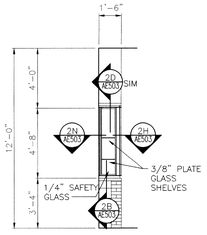
CORRIDOR 335 (WEST ELEVATION)

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



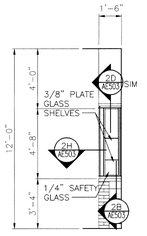
CORRIDOR 335 (EAST ELEVATION)

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



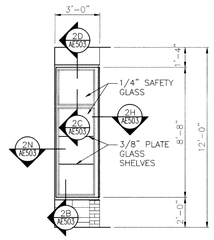
CORRIDOR 335 "A"

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



CORRIDOR 335 "B"

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



CORRIDOR 335 "C"

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

3 AE503

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PROJECT

LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK

MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612

DATE 03/19/07

COORDINATED BY LDH

DRAWN BY MRH

CHECKED BY LDH FGK

LAWRENCE D. HOOVE REGISTERED NO 4043 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR

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PLAN DETAILS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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Tue, 3/20/2007 - 7:40 am
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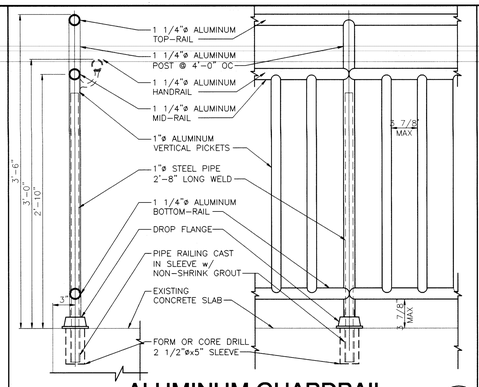
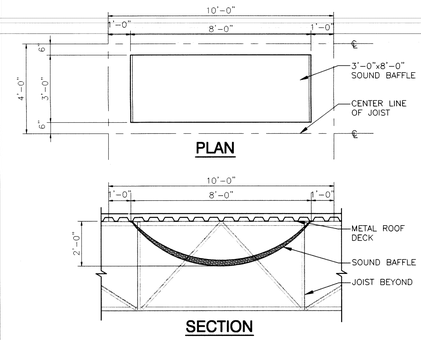


ALUMINUM GUARDRAIL

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

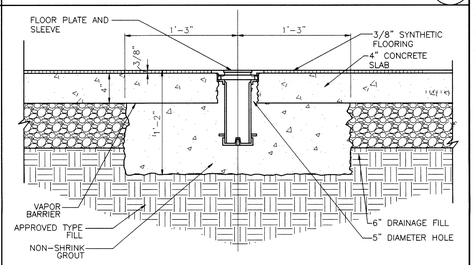
6 AE504



SOUND BAFFLE

SCALE: 3/8" = 1'-0"

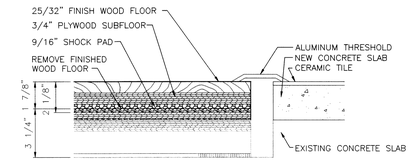
5 AE504



FLOOR INSERT DETAIL (SYNTHETIC)

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

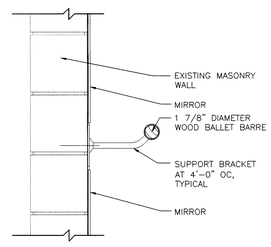
4 AE504



CERAMIC TILE - WOOD FLOOR JOINT

SCALE: 3" = 1'-0"

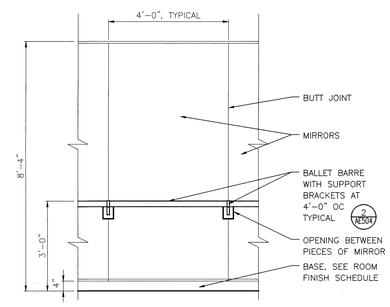
3 AE504



BALLET BARRE AND MIRROR

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

2 AE504



BALLET BARRE AND MIRROR

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

1 AE504

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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY LDH
DRAWN BY MRH
CHECKED BY LDH

LAWRENCE D HOYE REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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REVISIONS

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PLAN DETAILS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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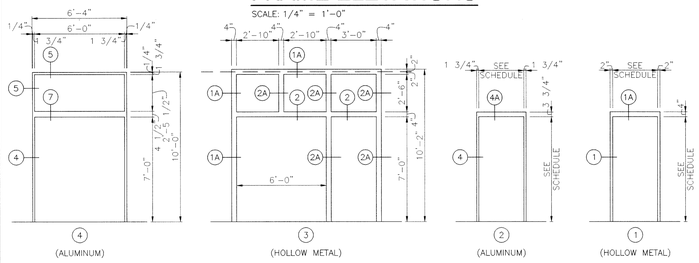
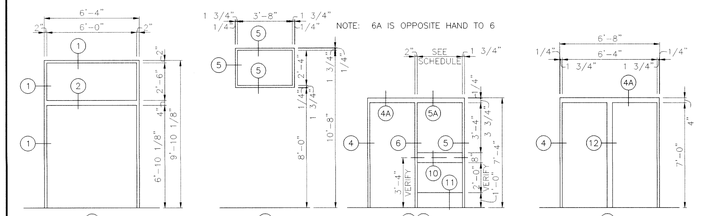
DOOR SCHEDULE

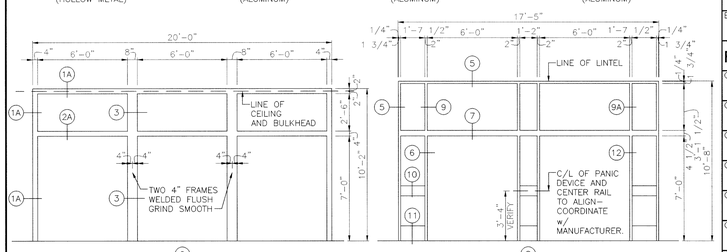
NO	DESCRIP	TYPE	WIDTH	HEIGHT	MATERIAL	LOU	GLASS DOOR	GLASS SIDE LGT	GLASS TRA	FRAME MAT'L	FRAME WIDTH	FRAME JAMB	FRAME HEAD	FRAME SIL	FRAME ELE	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLO SER	SEE NOTES
FIRST FLOOR - UNIT "C" (cont.)																			
C-363M	SINGLE	1	3'-0"	7'-0"	WOOD	–	A	–	A	HM	5 3/4"	1	1,2A	–	13B	–	YES	YES	–
C-363N	PAIR	–	4'-0"	7'-0"	ALUM	–	–	–	–	ALUM	–	–	–	–	–	–	YES	YES	–
FIRST FLOOR - UNIT "D"																			
D-367	SINGLE	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	7 1/4"	1	1A	–	1	–	–	YES	–
D-368	SINGLE	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	7 1/4"	1	1A	–	1	–	–	YES	–
D-371	PAIR	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	8 3/4"	1	1A	–	1	–	YES	YES	–
D-371A	PAIR	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
D-371B	PAIR	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
D-371C	PAIR	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
FIRST FLOOR - UNIT "E"																			
E-376	SINGLE	2	4'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	–	–
SECOND FLOOR - UNIT "A"																			
A--397A	PAIR	1	3'-0"	7'-0"	WOOD	–	A	–	A	HM	8 3/4"	1	1A	–	1	–	YES	YES	–
SECOND FLOOR - UNIT "B"																			
B-397B	PAIR/	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	8 3/4"	1A,2A	1A	–	19	–	YES	YES	–
B-398	2	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	–	–
B-398A	SINGLE	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	5 3/4"	1	1A	–	1	–	–	–	–

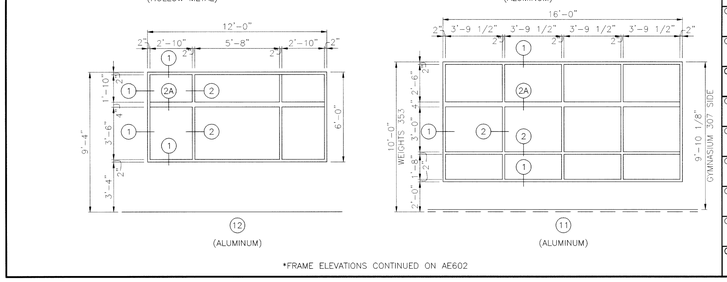
FRAME ELEVATIONS

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









*FRAME ELEVATIONS CONTINUED ON AE602

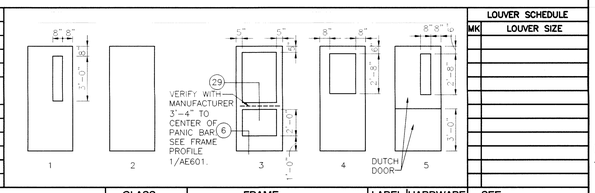
DOOR SCHEDULE

NO	DESCRIP	TYPE	WIDTH	HEIGHT	MATERIAL	LOU	GLASS DOOR	GLASS SIDE LGT	GLASS TRA	FRAME MAT'L	FRAME WIDTH	FRAME JAMB	FRAME HEAD	FRAME SIL	FRAME ELE	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLO SER	SEE NOTES
FIRST FLOOR - UNIT "B"																			
B-336	SINGLE	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
B-340	(3) PAIR	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	8 1/4"	1A,3	1A,2A	–	9	–	YES	YES	–
B-341	SINGLE	2	3'-0"	6'-10" VERIFY	WOOD	–	–	–	–	EXIST HM	–	–	–	–	–	–	–	–	2
B-342	SINGLE	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
B-344	PAIR	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	–	–
B-345	SINGLE	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	–	–
B-346	SINGLE	2	2'-0"	7'-0"	WOOD	–	–	–	–	HM	5 3/4"	1	1A	–	1	–	–	–	–
B-349	SINGLE	1	3'-0"	7'-0"	WOOD	–	–	–	A	HM	8 3/4"	1	1A	–	1	–	–	–	–
B-349A	PAIR	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	–	–
B-350	SINGLE	1	3'-8"	7'-0"	WOOD	–	A	–	A	HM	5 3/4"	1	1,2A	–	13	–	–	YES	–
B-350A	SINGLE	2	2'-4"	7'-0"	WOOD	–	–	–	–	HM	6 3/4"	1	1A	–	1	–	–	–	–
B-350B	DOOR FRAME CONSTRUCTION							–	–	HM	8 3/4"	1,2	1,2A	1	12	–	–	–	–
B-350C	DOOR FRAME CONSTRUCTION							A	A	HM	8 3/4"	1,2	1,2A	1	12	–	–	–	–
B-350D	SINGLE	1	3'-8"	7'-0"	WOOD	–	A	–	A	HM	8 3/4"	1	1,2A	–	13	–	–	YES	–
B-351	SINGLE	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
B-351A	SINGLE	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	–	–
B-352	SINGLE	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
B-353	PAIR	1	3'-0"	6'-10"	WOOD	–	A	–	A	HM	8 3/4"	1	1,2	–	10	–	YES	YES	–
B-353A	PAIR	1	3'-0"	6'-10"	WOOD	–	A	–	A	HM	8 3/4"	1	1,2	–	10	–	YES	YES	–
B-353B	DOOR FRAME CONSTRUCTION							A	A	HM	5 3/4"	1,2	1,2,2A	1	11	–	–	–	–
B-353C	DOOR FRAME CONSTRUCTION							A	A	HM	5 3/4"	1,2	1,2,2A	1	11	–	–	–	–
B-354	PAIR	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	5 3/4"	1	1A	–	1	–	–	YES	–
B-355	SINGLE	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
B-355A	DOOR FRAME CONSTRUCTION							A	–	HM	5 3/4"	1	1A	1	14	–	–	–	–
B-355B	DOOR FRAME CONSTRUCTION							A	–	HM	5 3/4"	1	1A	1	14	–	–	–	–
B-355C	SINGLE	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	5 3/4"	1	1A	–	1	–	–	–	–
B-355D	SINGLE	2	4'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	–	–
B-356	SINGLE	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	5 3/4"	1	1A	–	1	–	–	–	–
B-356A	DOOR FRAME CONSTRUCTION							A	–	HM	5 3/4"	1	1A	1	14	–	–	–	–
B-357	SINGLE	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	8 3/4"	1	1A	–	1	–	YES	YES	–
B-357A	ALUMINUM STOREFRONT							B	B	ALUM	4 1/2"	5,9	5,9A	5	17	–	–	–	–
B-359	PAIR	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	5 3/4"	1	1A	–	1	–	–	–	–
B-359A	CASED OPENING							–	–	HM	8 3/4"	1	1A	–	15	–	–	–	–
B-359B	SINGLE	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	–	–
B-360	SINGLE	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	8 3/4"	1	1A	–	1	–	–	–	–
B-360A	DOOR FRAME CONSTRUCTION							A	–	HM	8 3/4"	1	1A	1	14A	–	–	–	–
B-361	PAIR	3	3'-0"	7'-0"	ALUM	–	A	B	B	ALUM	4 1/2"	4,9	7,8,9, 9A	11	22	–	YES	YES	3,4
B-361A	PAIR	3	3'-0"	7'-0"	ALUM	–	A	A	A	ALUM	4 1/2"	4,9	7,8,9, 9A	11	22	–	YES	YES	4
FIRST FLOOR - UNIT "C"																			
C-362	SINGLE	–	3'-0"	7'-0"	ALUM	–	–	–	–	ALUM	4 1/2"	4	4A	–	–	–	YES	YES	–
C-362A	SINGLE	2	3'-0"	7'-0"	ALUM	–	–	–	–	ALUM	4 1/2"	4	4A	–	–	–	YES	YES	–
C-362B	PAIR	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	5 3/4"	1	1A	–	1	–	–	YES	–
C-362C	PAIR	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	5 3/4"	1	1A	–	1	–	–	YES	–
C-363	PAIR	1	3'-0"	7'-0"	WOOD	–	A	–	A	HM	8 3/4"	1	1,2A	–	13A	–	YES	YES	–
C-363A	PAIR	1	3'-0"	7'-0"	WOOD	–	A	–	A	HM	8 3/4"	1	1,2A	–	13A	–	YES	YES	–
C-363B	DOOR FRAME CONSTRUCTION							C	C	HM	8 3/4"	1,2	1,2A	1	12	–	–	–	–
C-363C	DOOR FRAME CONSTRUCTION							C	C	HM	8 3/4"	1,2	1,2A	1	12	–	–	–	–
C-363D	DOOR FRAME CONSTRUCTION							C	C	HM	8 3/4"	1,2	1,2A	1	12	–	–	–	–
C-363E	DOOR FRAME CONSTRUCTION							C	C	HM	8 3/4"	1,2	1,2A	1	12	–	–	–	–
C-363F	PAIR	1	3'-0"	7'-0"	ALUM	–	A	–	–	ALUM	4 1/2"	4,5	5,7	11	18	–	YES	YES	3
C-363G	PAIR	1	3'-0"	7'-0"	ALUM	–	A	–	–	ALUM	4 1/2"	4,5	5,7	11	18	–	YES	YES	–
C-363H	PAIR	1	3'-0"	7'-0"	ALUM	–	A	–	B	ALUM	4 1/2"	4,5	5,7	11	18	–	YES	YES	–
C-363J	PAIR	1	3'-0"	7'-0"	ALUM	–	A	–	B	ALUM	4 1/2"	4,5	5,7	11	18	–	YES	YES	–
C-363K	ALUMINUM STOREFRONT							D	D	ALUM	4 1/2"	5,9	5,9A	5	16	–	–	–	–
C-363L	ALUMINUM STOREFRONT							D	D	ALUM	4 1/2"	5,9	5,9A	5	16	–	–	–	–

DOOR SCHEDULE

GLASS SCHEDULE

MK	GLASS TYPE
A	1/4" CLEAR TEMPERED
B	1" CLEAR INSULATED
C	HIGH-IMPACT GLASS
D	1" CLEAR INSULATED HIGH IMPACT GLASS
E	
F	
G	
H	
J	
K	



LOUVER SCHEDULE

MK	LOUVER SIZE

NO	DESCRIP	TYPE	WIDTH	HEIGHT	MATERIAL	LOU	GLASS DOOR	GLASS SIDE LGT	GLASS TRA	FRAME MAT'L	FRAME WIDTH	FRAME JAMB	FRAME HEAD	FRAME SIL	FRAME ELE	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLO SER	SEE NOTES
FIRST FLOOR - UNIT "A"																			
A-3	PAIR	1	3'-0"	7'-0"	ALUM	–	A	–	A	ALUM	4 1/2"	4,5	5,7	–	4	–	YES	YES	–
A-3A	PAIR	1	3'-0"	7'-0"	ALUM	–	A	–	A	ALUM	4 1/2"	4,5	5,7	–	4	–	YES	YES	–
A-301	SINGLE	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	8 3/4"	1	1A	–	1	–	–	–	–
A-301A	SINGLE	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
A-302	PAIR	1	3'-0"	7'-0"	HM	–	A	–	–	HM	8 3/4"	1A	1	–	20	–	YES	YES	–
A-302A	PAIR	1	3'-0"	7'-0"	HM	–	–	–	–	HM	8 3/4"	1A	1	–	20	–	YES	YES	–
A-303	SINGLE	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
A-304	SINGLE	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
A-305	SINGLE	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	8 3/4"	1	1A	–	1	–	–	–	–
A-306	PAIR/ SINGLE	1	3'-0"	7'-0"	HM	–	A	–	–	HM	8 1/4"	1A/ 2A	1A/2	–	3	–	YES	YES	–
A-306A	SINGLE	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	–	–
A-308	PAIR/ SINGLE	1	VERIFY	VERIFY	WOOD	–	A	–	–	EXIST HM	5 3/4"	–	–	–	–	–	YES	YES	–
A-309	SINGLE	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
A-309A	SINGLE	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
A-313	PAIR	1	3'-0"	7'-0"	HM	–	A	–	–	HM	8 3/4"	1A	1A	–	20	–	YES	YES	–
A-313A	PAIR	1	3'-0"	7'-0"	HM	–	A	–	–	HM	8 3/4"	1A	1A	–	20	–	YES	YES	–
A-317	SINGLE	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
A-317A	SINGLE	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
A-318	SINGLE	2	3'-0" VERIFY	6'-10" VERIFY	WOOD	–	–	–	–	EXIST HM	–	–	–	–	–	–	–	YES	2
A-319	SINGLE	2	3'-0" VERIFY	6'-10" VERIFY	WOOD	–	–	–	–	EXIST HM	–	–	–	–	–	–	–	YES	2
A-320	(2) SINGLE	1	3'-0"	7'-0"	ALUM	–	A	–	–	ALUM	4 1/2"	4,12	4A	–	5	–	YES	YES	3
A-320A	PAIR	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	8 3/4"	1	1A	–	1	–	YES	YES	–
A-321	SINGLE	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
A-322	PAIR	1	3'-0"	6'-10" VERIFY	WOOD	–	A	–	–	HM	5 3/4"	1	1A	–	1	–	YES	YES	–
A-322A	SINGLE	2	3'-0"	6'-10" VERIFY	WOOD	–	–	–	–	EXIST HM	–	–	–	–	–	–	–	–	2
A-324	SINGLE	2	3'-0"	6'-10" VERIFY	WOOD	–	–	–	–	EXIST HM	–	–	–	–	–	–	–	YES	2, 3
A-325A	SINGLE	2	3'-0"	7'-0"	HM	–	–	–	–	HM	8 3/4"	1	1A	–	1	90 MIN	–	YES	–
A-326	PAIR	1	3'-0"	7'-0"	ALUM	–	A	–	A	ALUM	4 1/2"	4,5	5,7	–	4	–	YES	YES	–
A-326A	PAIR	1	3'-0"	7'-0"	ALUM	–	A	–	A	ALUM	4 1/2"	4,5	5,7	–	4	–	YES	YES	–
A-326B	PAIR	1	3'-0"	7'-0"	ALUM	–	A	–	B	ALUM	4 1/2"	4,5	5,7	–	4	–	YES	YES	–
A-326C	PAIR	1	3'-0"	7'-0"	ALUM	–	A	–	B	ALUM	4 1/2"	4,5	5,7	–	4	–	YES	YES	–
A-327	SINGLE	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	8 3/4"	1	1A	–	1	–	–	–	–
A-328	SINGLE	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
A-329	SINGLE	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
A-329A	SINGLE	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
A-330	SINGLE	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	8 3/4"	1	1A	–	1	–	–	–	–
A-330A	SINGLE	1	3'-0"	7'-0"	WOOD	–	A	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
A-332	SINGLE	2	3'-0"	7'-0"	WOOD	–	–	–	–	HM	8 3/4"	1	1A	–	1	–	–	YES	–
A-333	SINGLE	3	3'-0"	7'-0"	ALUM	–	A	A	–	ALUM	4 1/2"	4,5,6	4A,5A, 10	11	6	–	–	YES	–
A-333A	SINGLE	3	3'-0"	7'-0"	ALUM	–	A	A	–	ALUM	4 1/2"	4,5,6	4A,5A, 10	11	6A	–	–	YES	5
A-334	(2) PAIR	3	3'-0"	7'-0"	ALUM	–	A	B	B	ALUM	4 1/2"	5,6,9	5,7,10	11	8	–	YES	YES	1
A-334A	ALUMINUM STOREFRONT							B	–	ALUM	4 1/2"	5	5	5	7	–	–	–	–
A-334B	ALUMINUM STOREFRONT							B	–	ALUM	4 1/2"	5	5	5	7	–	–	–	–
A-335	(2) PAIR	3	3'-0"	7'-0"	ALUM	–	A	A	A	ALUM	4 1/2"	5,6,9	5,7,10	11	8	–	YES	YES	1
A-335A	ALUMINUM STOREFRONT							B	–	ALUM	4 1/2"	5	5	5	7	–	–	–	–
A-335B	ALUMINUM STOREFRONT							B	–	ALUM	4 1/2"	5	5	5	7	–	–	–	–
A-335C	ALUMINUM STOREFRONT							B	–	ALUM	4 1/2"	5	5	5	7	–	–	–	–

NOTES:

1. AUTOMATIC DOOR DEVICE @ WEST-MOST DOOR LEAF.
2. FIELD VERIFY HARDWARE LOCATION ON NEW DOOR TO EXIST. FRAME.
3. EXIST. DOOR MODIFIED IN FIELD. REMOVE 2" OFF BOTTOM.
4. AUTOMATIC DOOR DEVICE @ NORTH-MOST DOOR LEAF.
5. FRAME 6A IS OPPOSITE HAND TO FRAME ELEV. #6.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY LDH
DRAWN BY MAM
CHECKED BY LDH

LAWRENCE D. HOYLE REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR

DRAWING
DOOR SCHEDULE AND FRAME ELEVATIONS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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SHEET
AE601

Tue, 3/20/2007 - 7:45 am
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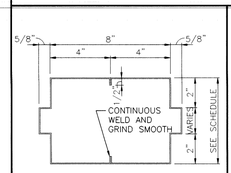
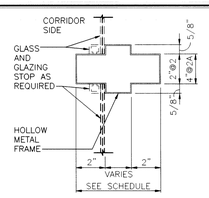
DOOR FRAME PROFILES

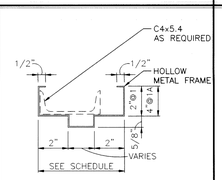
SCALE: = 1'-0"



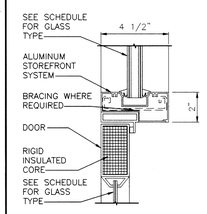
HOLLOW METAL 3



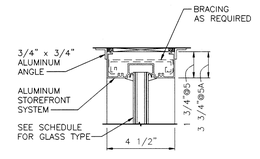
HOLLOW METAL 2 2A



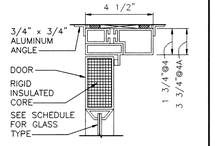
HOLLOW METAL 1 1A



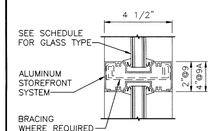
ALUMINUM 6



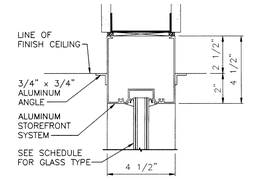
ALUMINUM 5 5A



ALUMINUM 4 4A



ALUMINUM 9 9A



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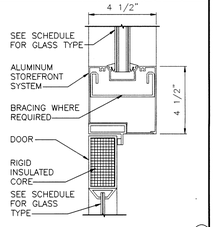

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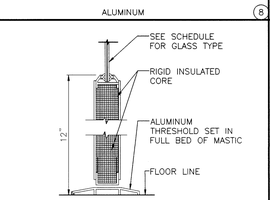

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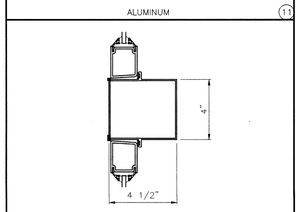

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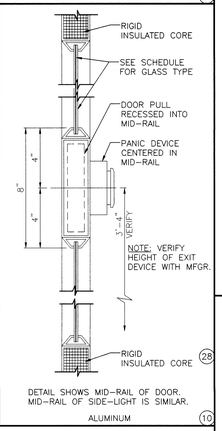
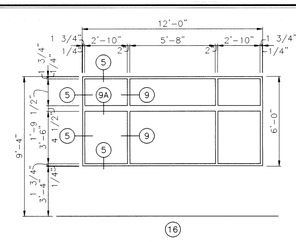


DETAIL SHOWS MID-RAIL OF DOOR. MID-RAIL OF SIDE-LIGHT IS SIMILAR.

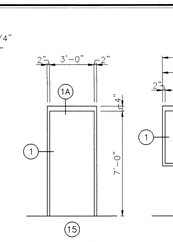
ALUMINUM 10

FRAME ELEVATIONS (cont.)

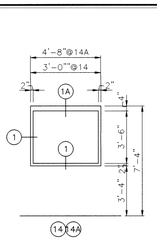
SCALE: 1/4" = 1'-0"



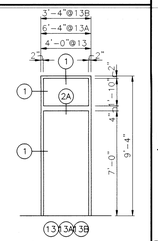
(16) (ALUMINUM)



(15) (HOLLOW METAL)



(14) (14A) (HOLLOW METAL)



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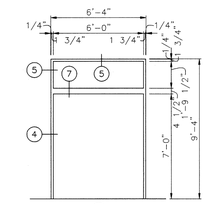

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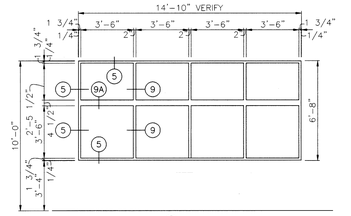

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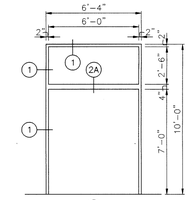

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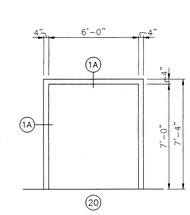

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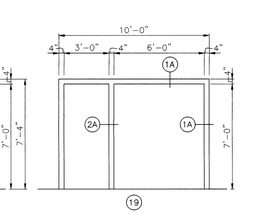

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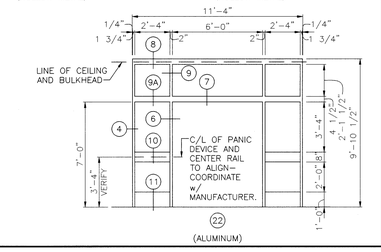

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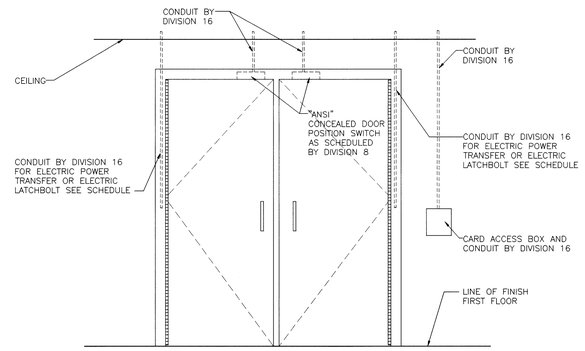
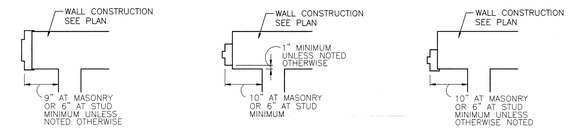


ELECTRICAL ROUGH-IN A DOOR FRAME

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

2 AE602



TYPICAL DOOR FRAME MOUNTING

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

1 AE602

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LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK

MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY LDH
DRAWN BY MAM
CHECKED BY LDH

LAWRENCE D. HOVIS REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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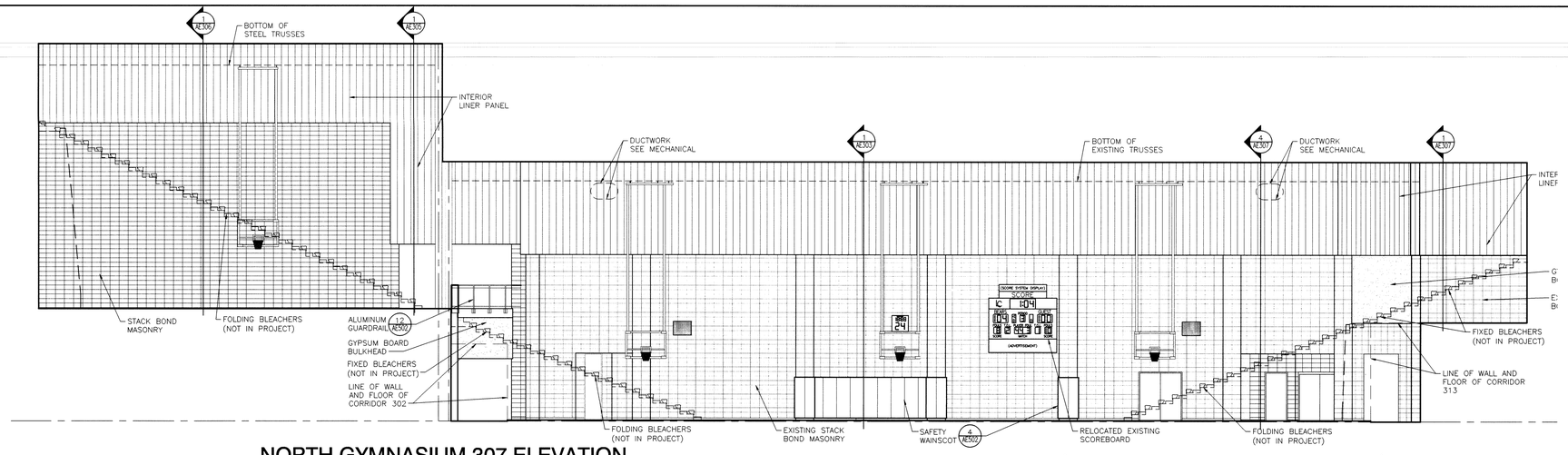
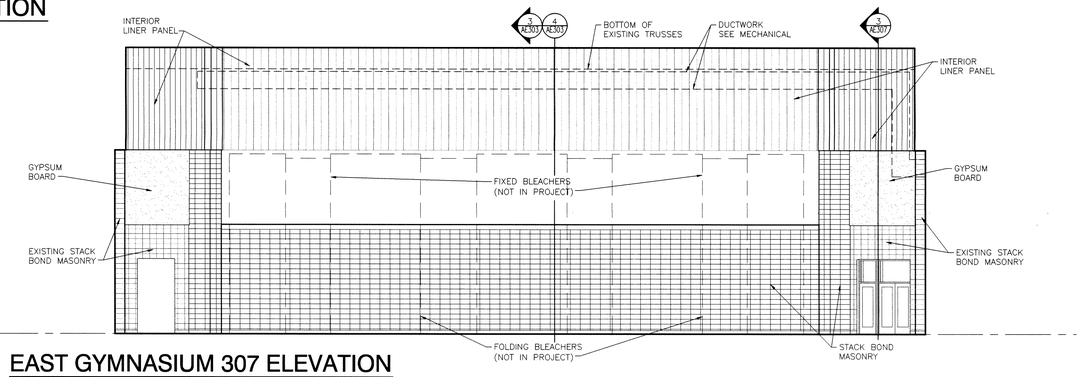


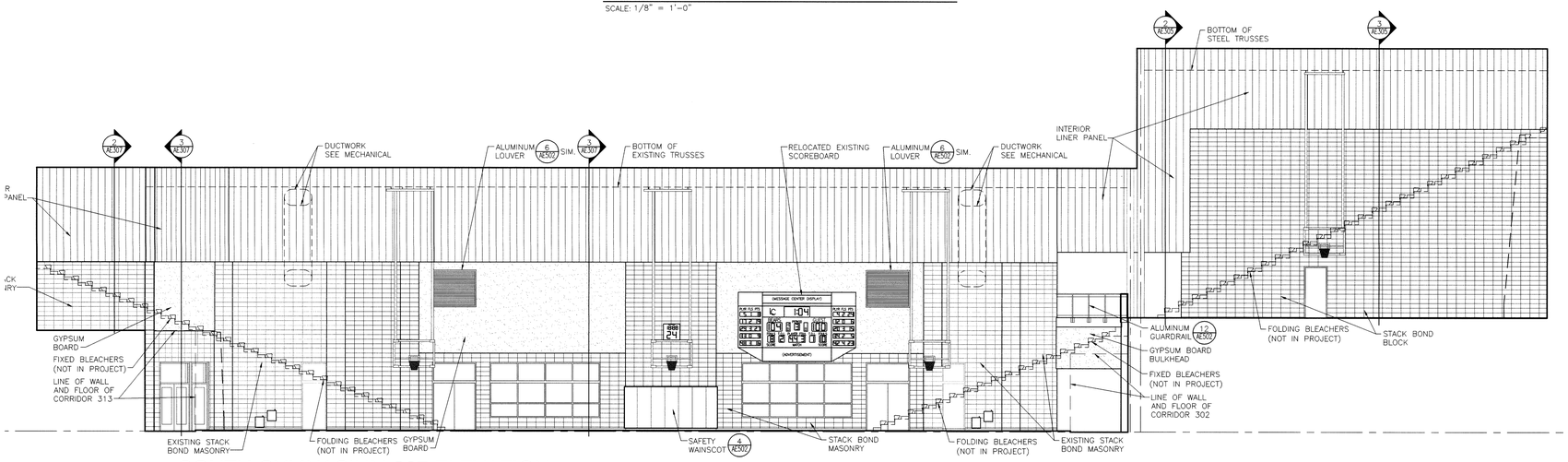
NORTH GYMNASIUM 307 ELEVATION

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



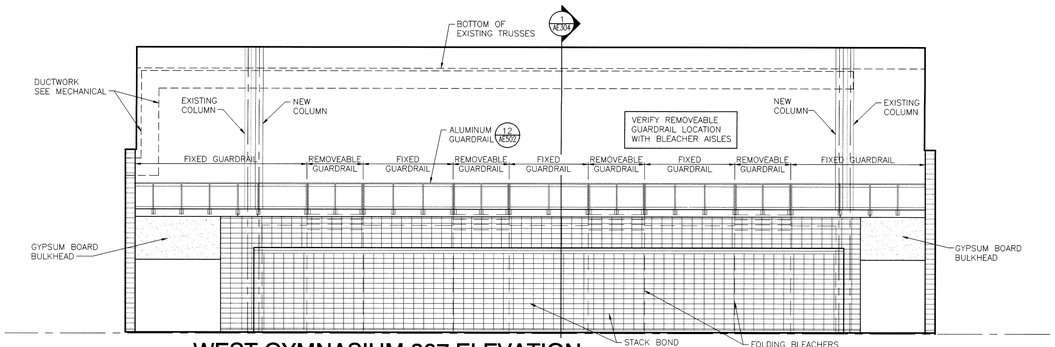
EAST GYMNASIUM 307 ELEVATION

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



SOUTH GYMNASIUM 307 ELEVATION

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



WEST GYMNASIUM 307 ELEVATION

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

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PROJECT 06-612

DATE 03/19/07

COORDINATED BY LDH

DRAWN BY FGK

CHECKED BY LDH

LAWRENCE D. HOYE REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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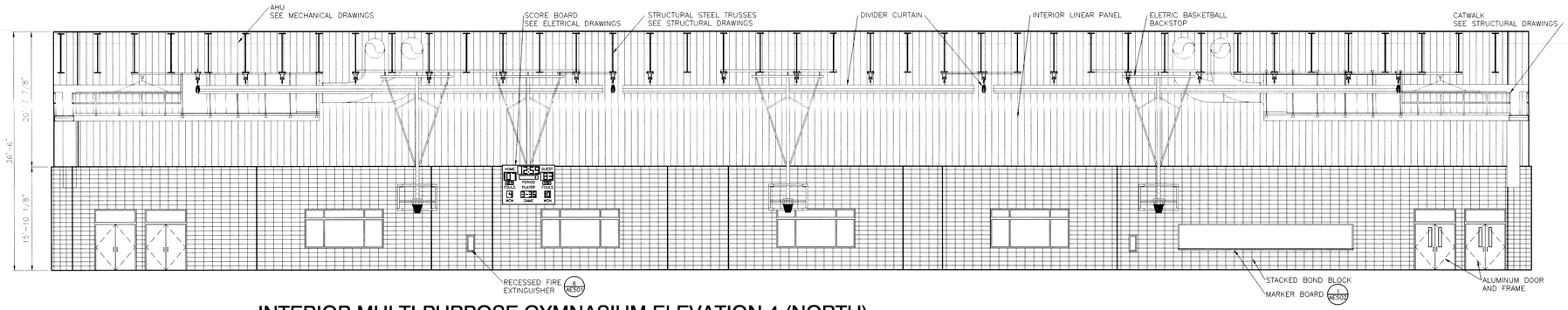
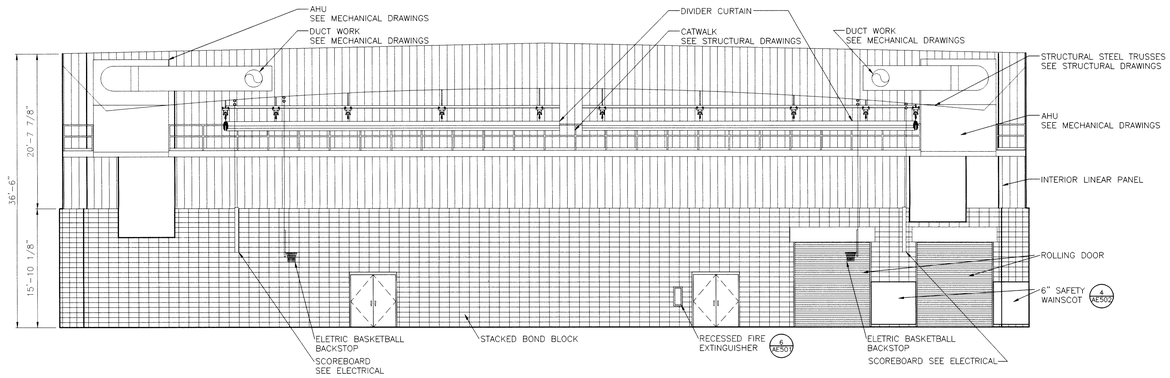


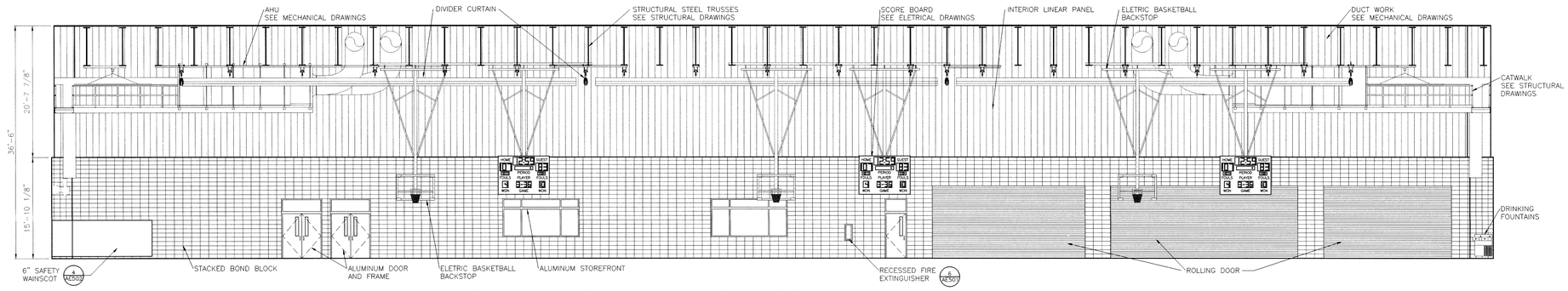
INTERIOR MULTI-PURPOSE GYMNASIUM ELEVATION 4 (NORTH)

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



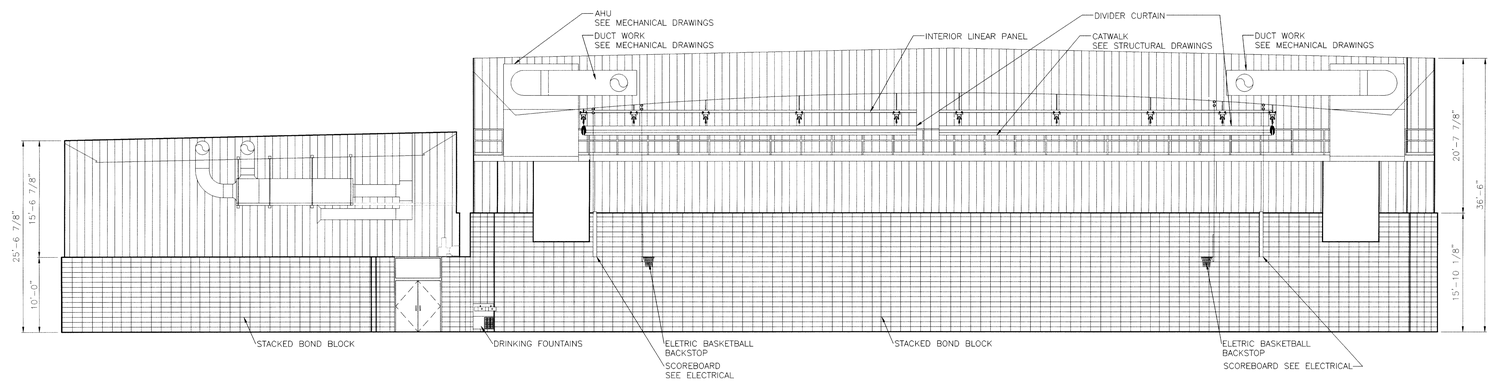
INTERIOR MULTI-PURPOSE GYMNASIUM ELEVATION 3 (EAST)

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



INTERIOR MULTI-PURPOSE GYMNASIUM ELEVATION 2 (SOUTH)

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



INTERIOR MULTI-PURPOSE GYMNASIUM ELEVATION 1 (WEST)

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

GENERAL NOTES:

FOR GENERAL NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. SEE FIRST FLOOR LIFE SAFETY PLAN.

INTERIOR WALLS ARE WALL TYPES ARE <AS> UNLESS NOTED OTHERWISE.

SEE SHEET GI201 FOR MOUNTING HEIGHTS OF TOILET ACCESSORIES UNLESS NOTED OTHERWISE.

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY LDH
DRAWN BY MRH
CHECKED BY LDH

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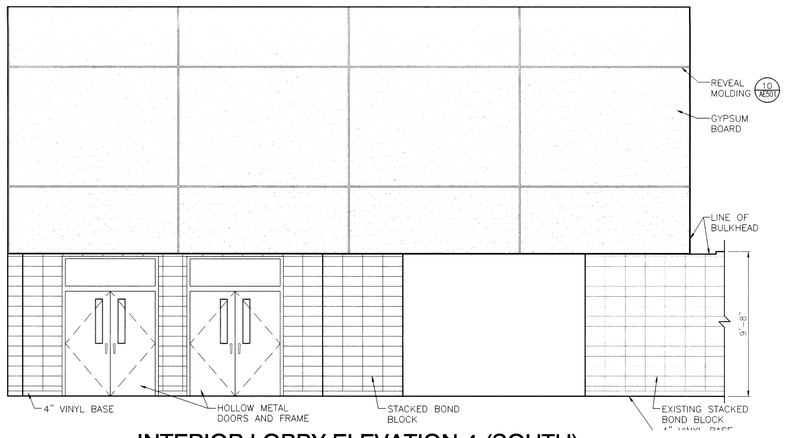
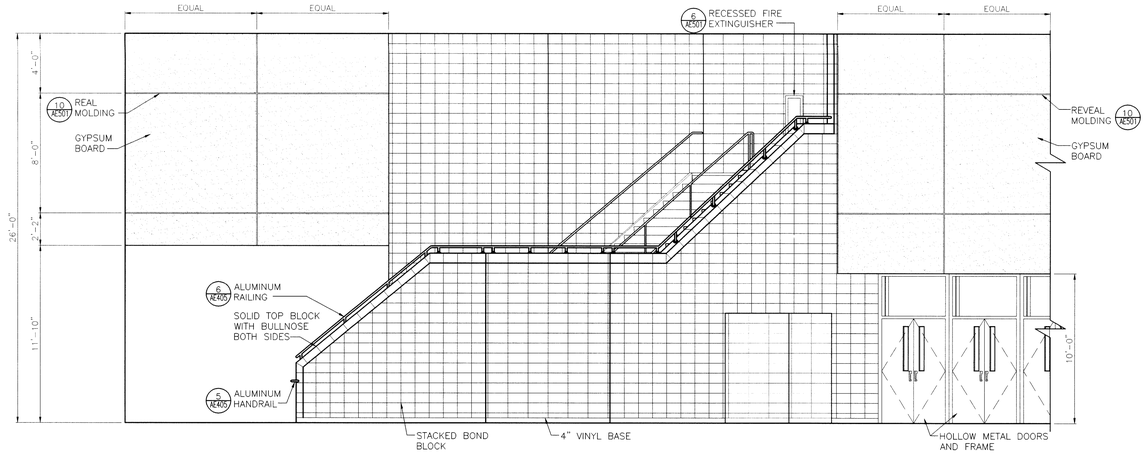


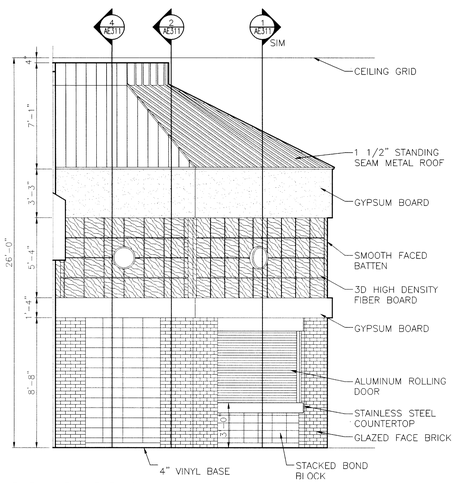
INTERIOR LOBBY ELEVATION 4 (SOUTH)

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



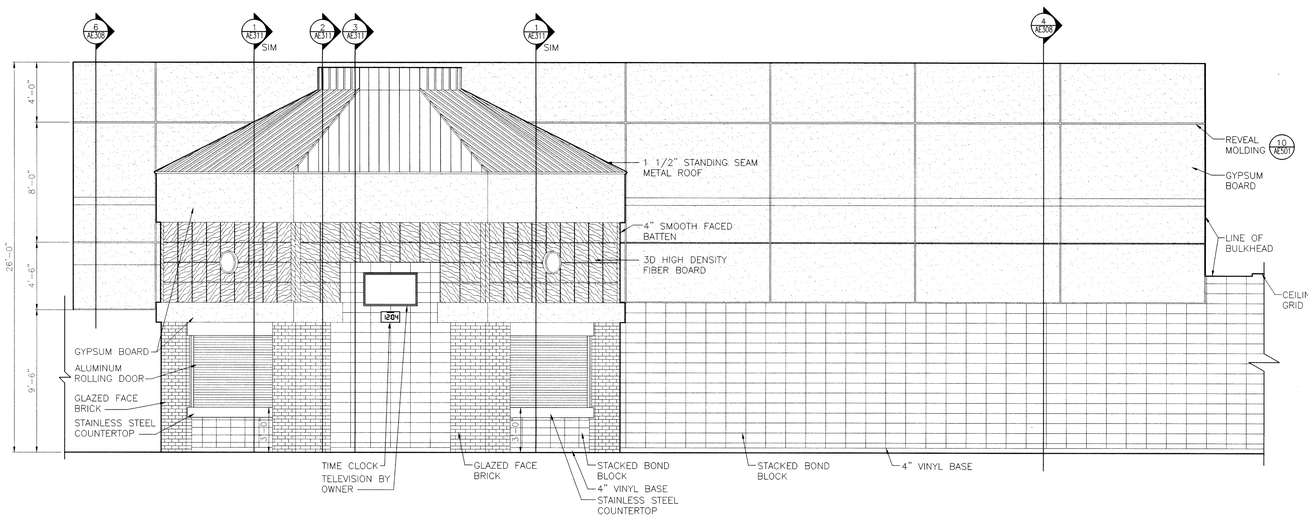
INTERIOR LOBBY ELEVATION 3 (NORTH)

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



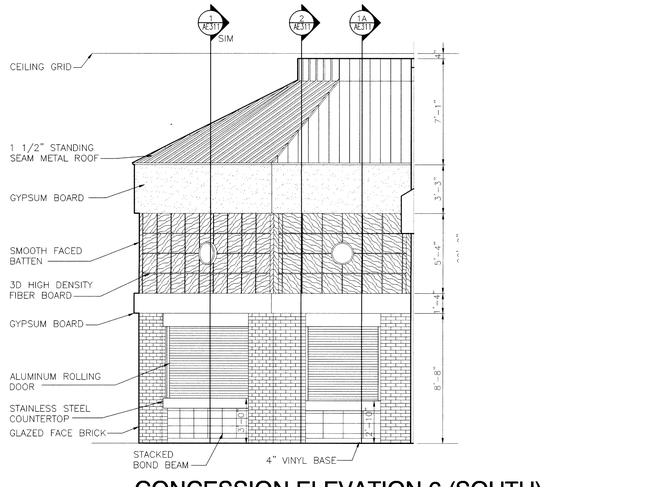
CONCESSION ELEVATION 7 (NORTH)

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



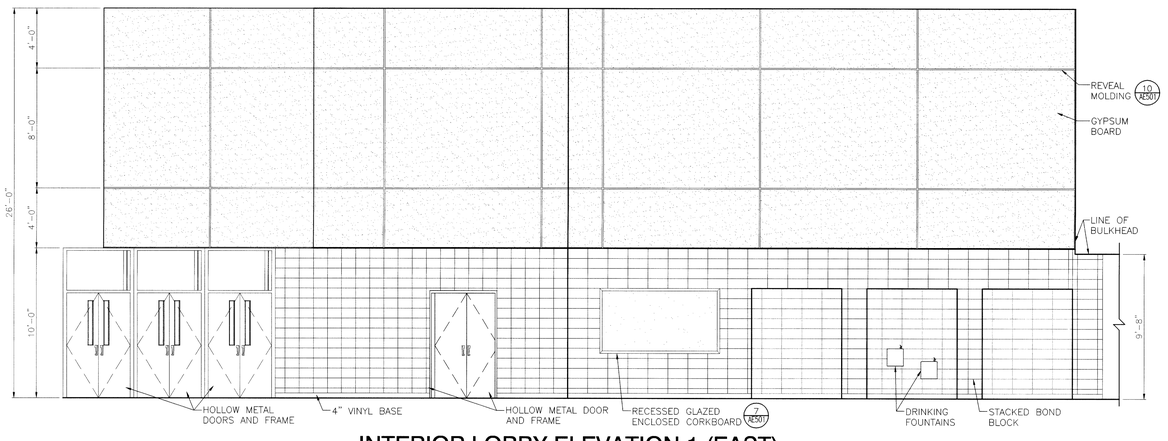
INTERIOR LOBBY ELEVATION 2 (WEST)

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



CONCESSION ELEVATION 6 (SOUTH)

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



INTERIOR LOBBY ELEVATION 1 (EAST)

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

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PROJECT 06-612
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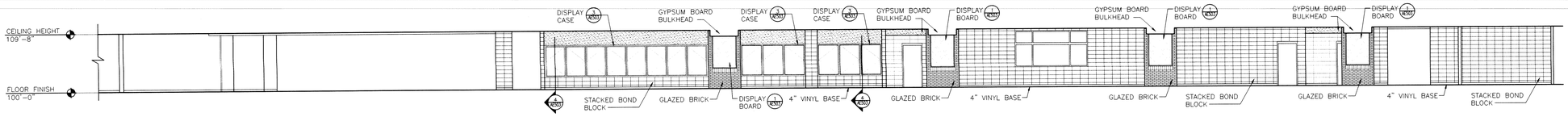
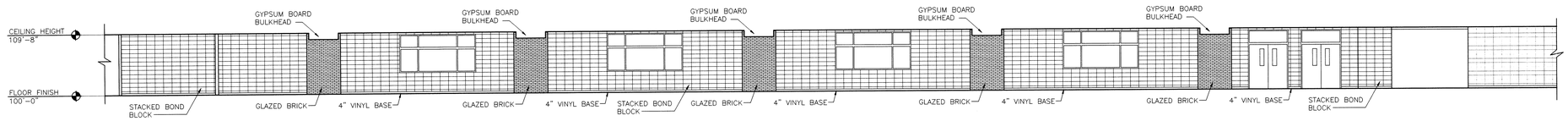


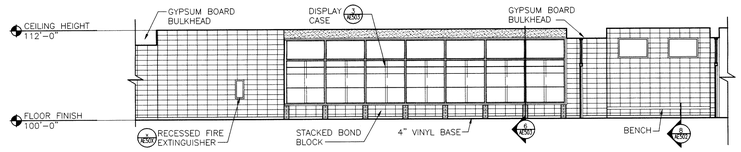
CORRIDOR 348 ELEVATION (NORTH SIDE)

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



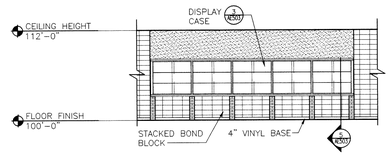
CORRIDOR 348 ELEVATION (SOUTH SIDE)

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



CORRIDOR 335 ELEVATION #3 (WEST SIDE)

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



CORRIDOR 335 ELEVATION #4 (EAST SIDE)

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

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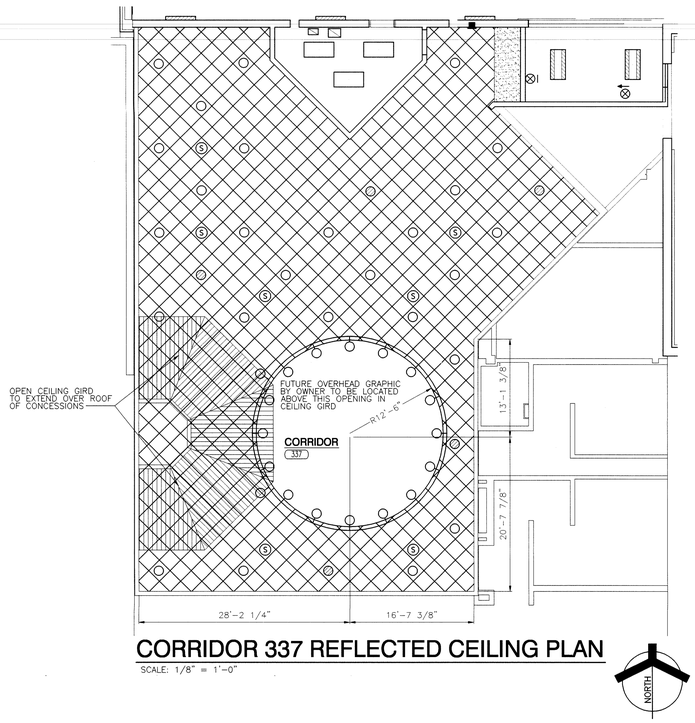
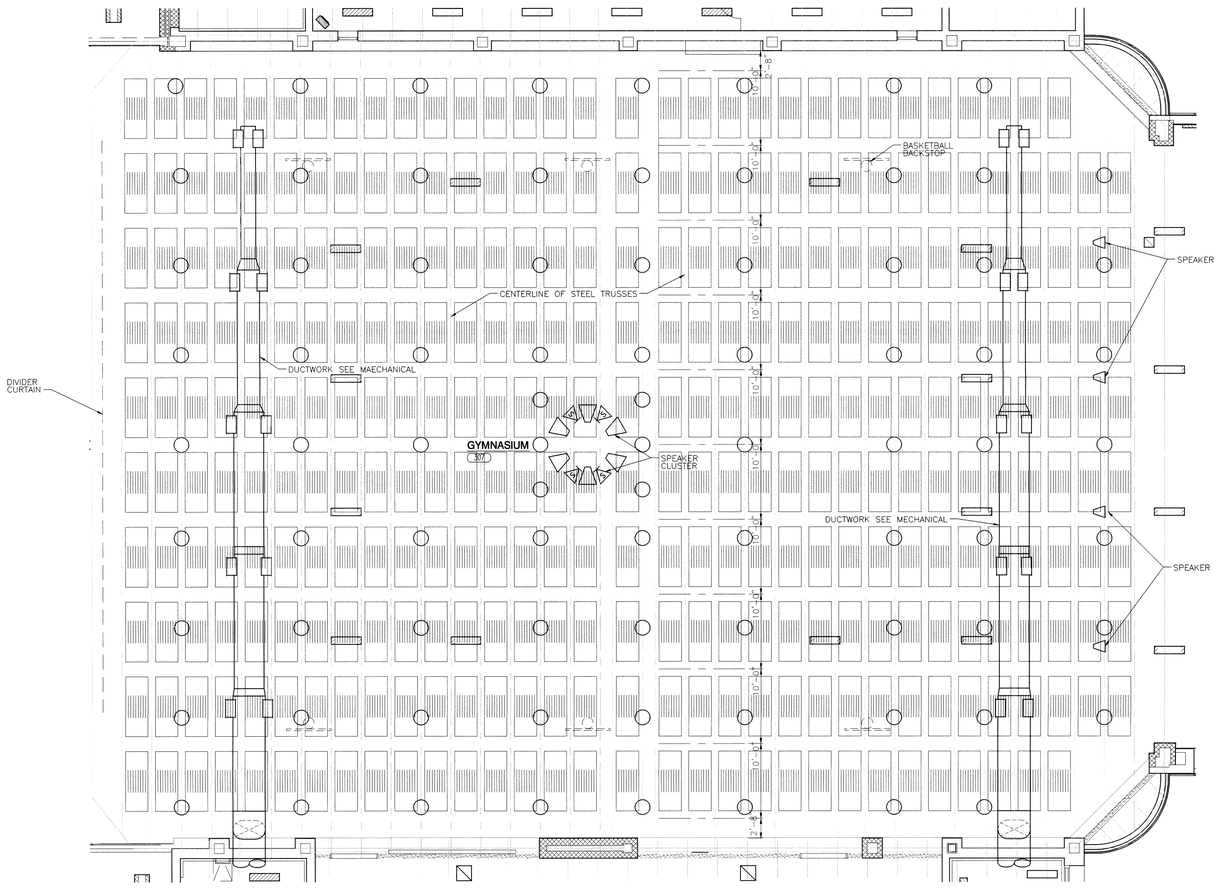


CORRIDOR 337 REFLECTED CEILING PLAN

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

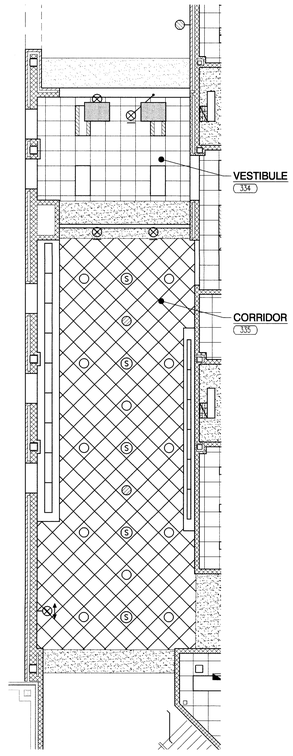
CEILING LEGEND:

- 2'-0" x 2'-0" LAY-IN CEILING SEE ROOM FINISH SCHEDULE
- GYPSUM BOARD
- 2'-0" x 2'-0" OPEN CEILING GIRD AT 45°
- 3'-0" X 8'-0" SOUND BAFFLE (5/A504)
- 1x4 LIGHT FIXTURE
- INCANDESCENT LIGHT
- EXIT LIGHT
- CEILING SPEAKER
- 2 X 4 LIGHT FIXTURE



GYMNASIUM 307 REFLECTED CEILING PLAN

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



VESTIBULE 334 AND CORRIDOR 335 REFLECTED CEILING PLAN

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

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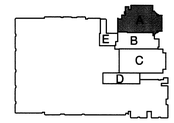

KEY PLAN

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MARK	DATE	ISSUED FOR

DRAWING
UNITS "A" & "B"
ARCHITECTURAL PARTIAL REFLECTED CEILING PLANS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

© GIBRALTAR DESIGN

SHEET
A AC101

Tue, 3/20/2007 - 7:10 am
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ROOFING NOTES:

1. ALL DIMENSIONS INDICATED ON THE ROOF PLAN ARE APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ACCURATE FIELD MEASUREMENTS FOR THE EXECUTION OF HIS WORK AND PRIOR TO ANY FABRICATION OF THE VARIOUS MATERIALS.
2. LOCATION AND QUANTITY OF ALL ROOF DRAINS, FLUES, VENTS, POWER AND GRAVITY VENTILATORS, ETC., SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD.
3. DEMOLITION AND REMOVAL OPERATIONS ARE TO BE PERFORMED CAREFULLY AND ALL PORTIONS OF THE BUILDING SHALL BE PROTECTED DURING THESE OPERATIONS. ITEMS TO BE REUSED AND REINSTALLED ARE TO BE CAREFULLY REMOVED AND STORED. DAMAGES INCURRED DURING REMOVAL OR STORAGE SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
4. FLASHING OF ALL VENTS, FAN CURBS, MASONRY WALLS, FLUES, DRAINS, FASCIAS, ETC., SHALL BE PERFORMED IN ACCORDANCE WITH THESE SPECIFICATIONS AND DRAWINGS, AND WITH ROOFING MANUFACTURERS STANDARD DETAILS AND SPECIFICATIONS.
5. REMOVE ALL EXISTING ROOF GRAVEL, RESIDUE, AND ALL PROJECTIONS WHICH WOULD PREVENT THE NEW ROOF INSULATION FROM LAYING FLAT OVER THE EXISTING ROOF SURFACES.
6. APPLY TAPERED INSULATION TO ASSURE POSITIVE FLOW TO ROOF DRAINS.
7. PROVIDE TAPERED EDGE STRIPS ALONG THE LOW EDGE OF ISOCYANURATE SADDLES OR CRICKETS.
8. INSTALL A MINIMUM OF 48" TAPERED INSULATION AROUND DRAIN SUMPS TO PROVIDE A SMOOTH TRANSITION TO THE DRAIN BOWL.
9. PROVIDE CRICKETS AROUND ALL MECHANICAL UNITS SUCH THAT WATER WILL NOT STAND AT CURBING.
10. INSTALL METAL WORK INCLUDING EDGING FASCIA, COPING CAPS AND CONTINUOUS CLEATS, PER SECTION 1-49 OF THE FM GLOBAL LOSS PREVENTION DATA GUIDE. COMPLY WITH THE MINIMUM REQUIREMENTS PUBLISHED BY SMACNA AND THE ROOFING SYSTEM MANUFACTURER.

ROOF PLAN NOTES: (APPLY TO THIS SHEET ONLY)

1. HEAD WALL FLASHING — 6 AR501
2. GUTTER — 13 AR501
3. COPING — 4 AR501
4. FLASHING — 15 AR501
5. COPING — 5 AR501
6. FLASHING — 11 AR501
7. COPING — 18 AR501
8. EXPANSION JOINT — 12 AR501
9. FLASHING — 19 AR501
10. SPLASH-PAN — 14 AR501
11. EXPANSION JOINT — 20 AR501
12. ALUMINUM SILL — 1 AR501
13. COPING — 17 AR501
14. FLASHING — 2 AR501
15. ALUMINUM LADDER #1 — 7 AR501
16. VENT FLASHING — 8 AR501
17. VENT FLASHING — 9 AR501
18. FLASHING — 10 AR501
19. FLASHING — 16 AR501
20. FLASHING — 3 AR501
21. NEW ALUMINUM DOWNSPOUT AT EXISTING GUTTER WITH DOWNSPOUT BOOT.
22. SEE STRUCTURAL DRAWINGS FOR INFILL WITH NEW METAL ROOF DECK. PROVIDE INSULATION TO PROVIDE POISITIVE DRAINAGE. TIE MEMBRANE ROOFING INTO EXISTING.
23. TAPERED INSULATION
24. ALUMINUM LADDER #2 — 7 AR501

ROOF LEGEND:

ELEVATION TOP OF NEW ROOF DECK	ELEVATION TOP OF EXISTING ROOF DECK
RELIEF VENT	EXISTING RELIEF VENT
EXHAUST FAN	EXISTING EXHAUST FAN
GRAVITY VENT	EXISTING GRAVITY VENT
ROOF DRAIN	EXISTING ROOF DRAIN
PLUMBING VENT	EXISTING PLUMBING VENT
PITCH POCKET	EXISTING PITCH POCKET
ROOF DRAINAGE SADDLE	EXISTING ROOF DRAINAGE SADDLE
PENTHOUSE	EXISTING PENTHOUSE
ROOF HATCH	EXISTING ROOF HATCH

ENLARGED AUXILARY PLAN

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

ROOF PLAN

SCALE: 1/16" = 1'-0"

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ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

KEY PLAN

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY JDH
DRAWN BY FGK
CHECKED BY LDH

LAWRENCE D. HYDE REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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ARCHITECTURAL ROOF PLAN

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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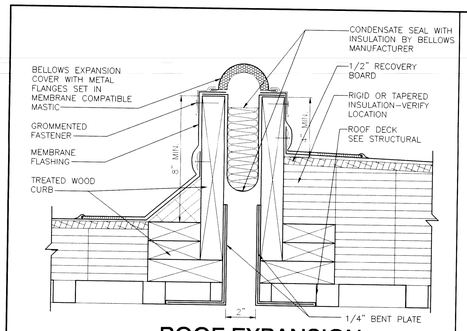
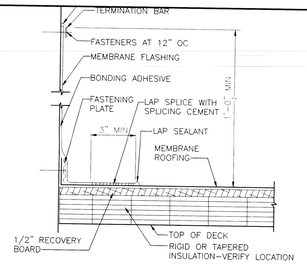


ROOF EXPANSION

SCALE: 3"=1'-0"

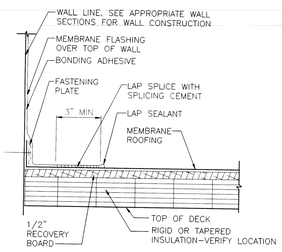
12 AR501



MEMBRANE FLASHING

SCALE: 3"=1'-0"

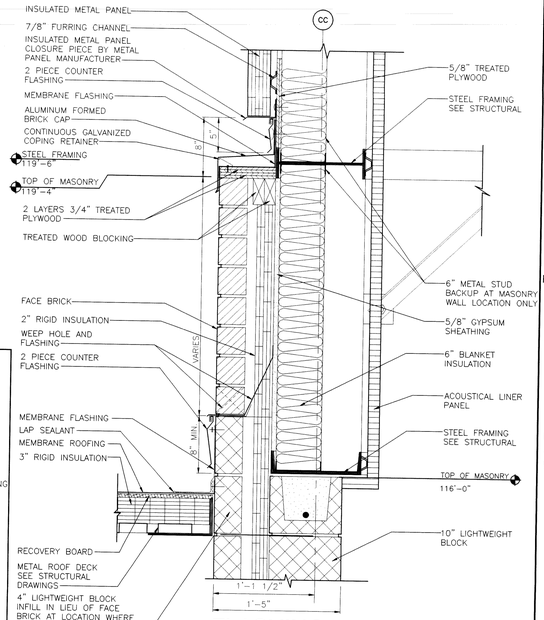
11 AR501



MEMBRANE FLASHING

SCALE: 3"=1'-0"

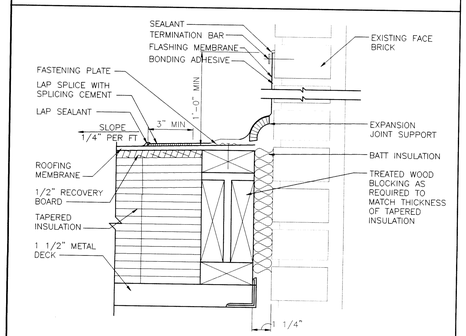
10 AR501



FLASHING

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

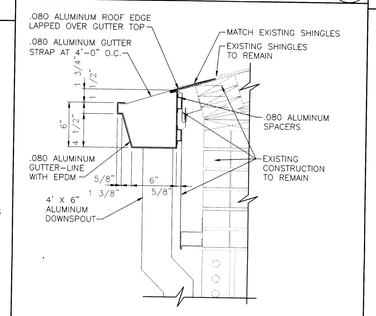
3 AR501



EXPANSION JOINT

SCALE: 3"=1'-0"

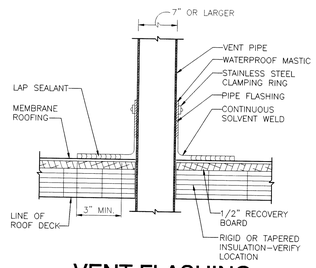
20 AR501



GUTTER

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

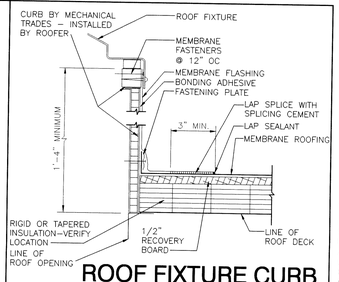
13 AR501



VENT FLASHING

SCALE: 3"=1'-0"

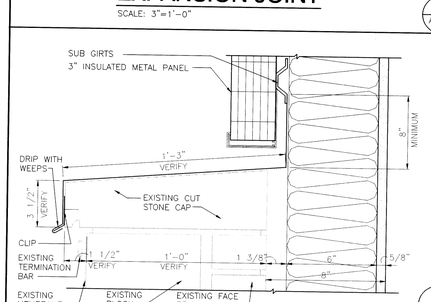
9 AR501



ROOF FIXTURE CURB FLASHING

SCALE: 3"=1'-0"

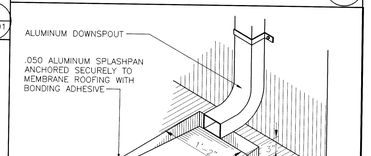
21 AR501



FLASHING

SCALE: 3"=1'-0"

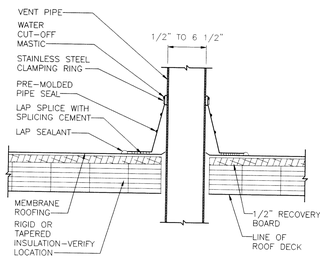
19 AR501



SPLASH PAN

SCALE: 1"=1'-0"

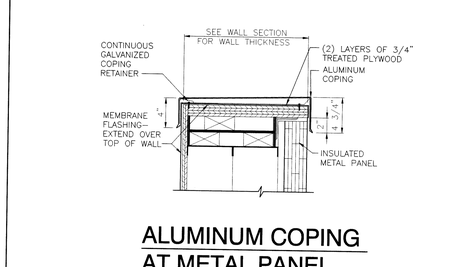
14 AR501



VENT FLASHING

SCALE: 3"=1'-0"

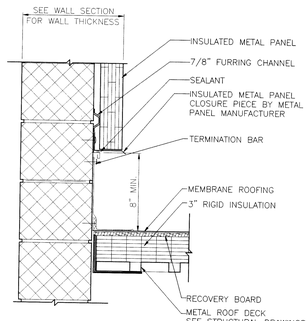
8 AR501



ALUMINUM COPING AT METAL PANEL

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

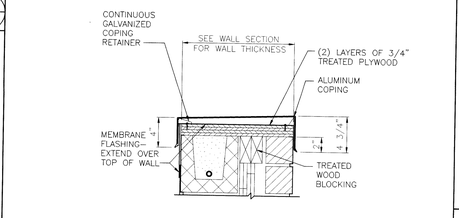
4 AR501



FLASHING

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

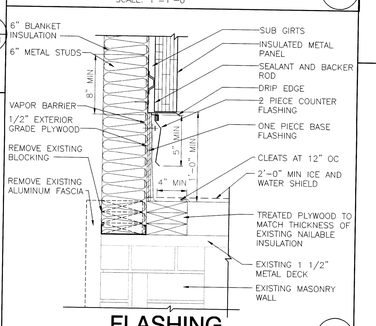
2 AR501



ALUMINUM COPING AT MASONRY WALL

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

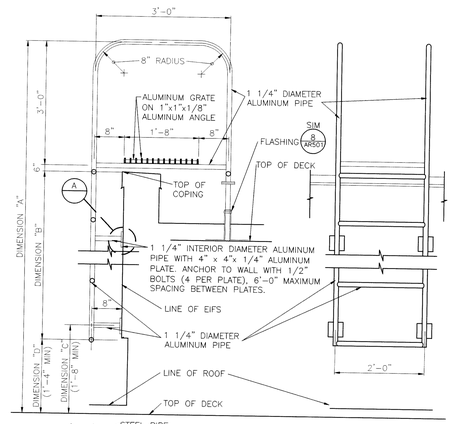
5 AR501



FLASHING

SCALE: 1"=1'-0"

15 AR501



EXTERIOR ALUMINUM LADDER

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

7 AR501

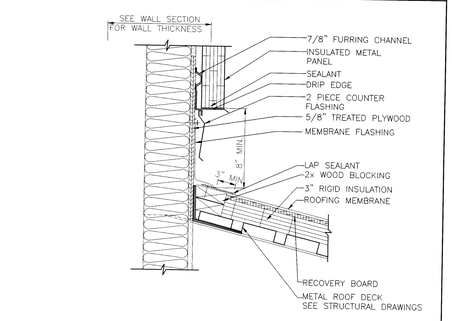
STEEL PIPE SLEEVE AS REQUIRED
LINE OF EIFS
LINE OF STEEL SEE STRUCTURAL

DETAIL "A"

NO SCALE

LADDER SCHEDULE

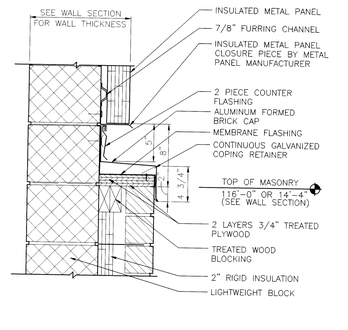
NO.	A	B	C	D
–	–	–	–	–



HEAD WALL FLASHING

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

6 AR501



ALUMINUM SILL

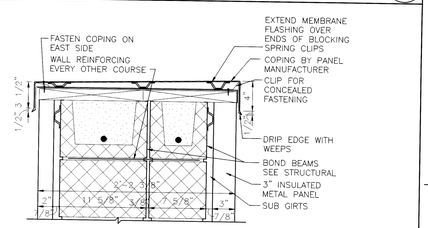
SCALE: 1 1/2"=1'-0"

1 AR501

COPING AND FLASHING

SCALE: 3"=1'-0"

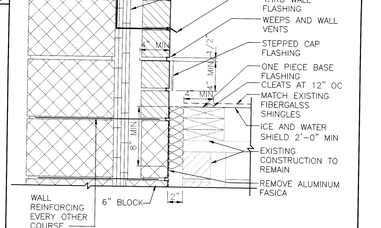
18 AR501



COPING

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

17 AR501



FLASHING

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

16 AR501

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK

MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612

DATE 03/19/07

COORDINATED BY LDH

DRAWN BY FGK

CHECKED BY LDH XXX

LAWRENCE D. HOVEY REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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REVISIONS

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ARCHITECTURAL ROOF AND FASCIA DETAILS

PROJECT

LAWRENCE CENTRAL HIGH SCHOOL

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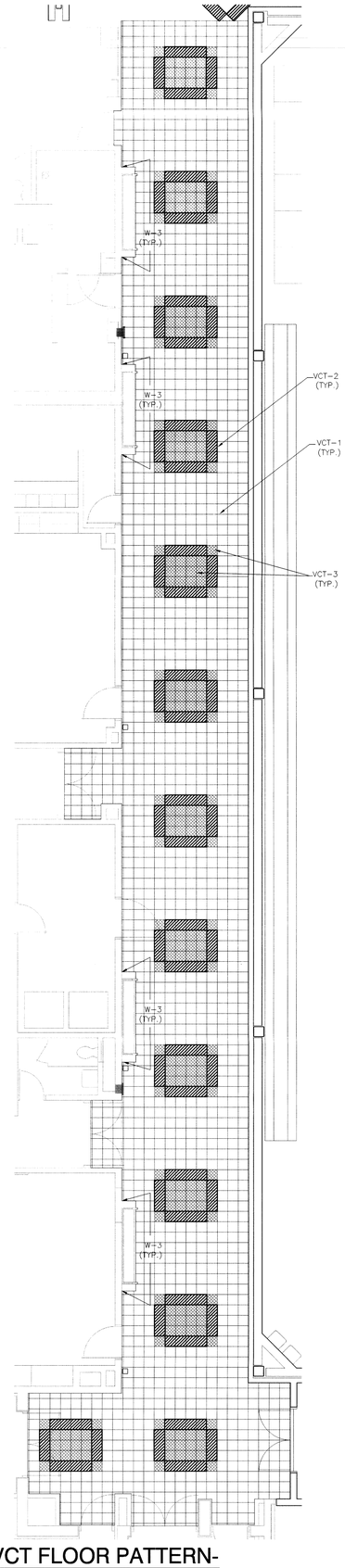
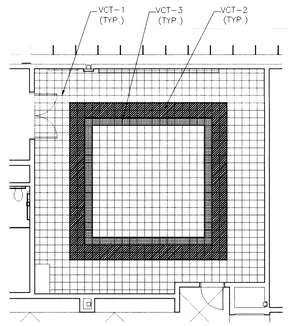


VCT FLOOR PATTERN- CORRIDOR 364 & 370

SCALE: 3/16"=1'-0"

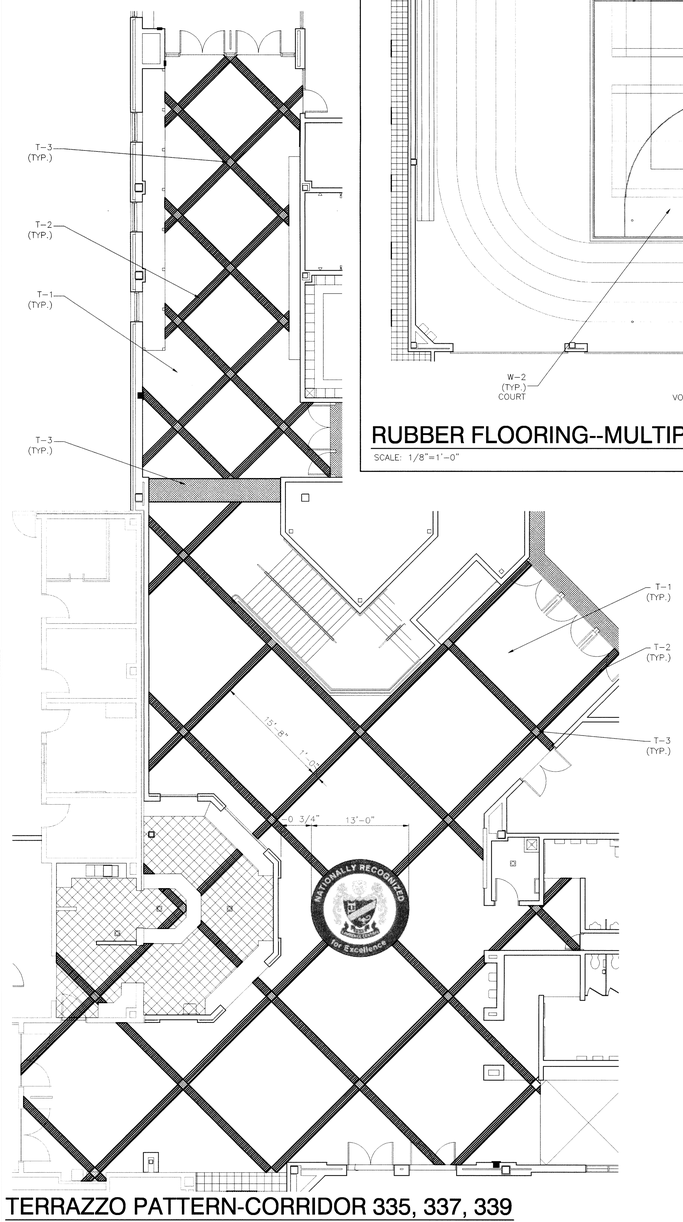
3 A1401



VCT PATTERN- CLASSROOM 349

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

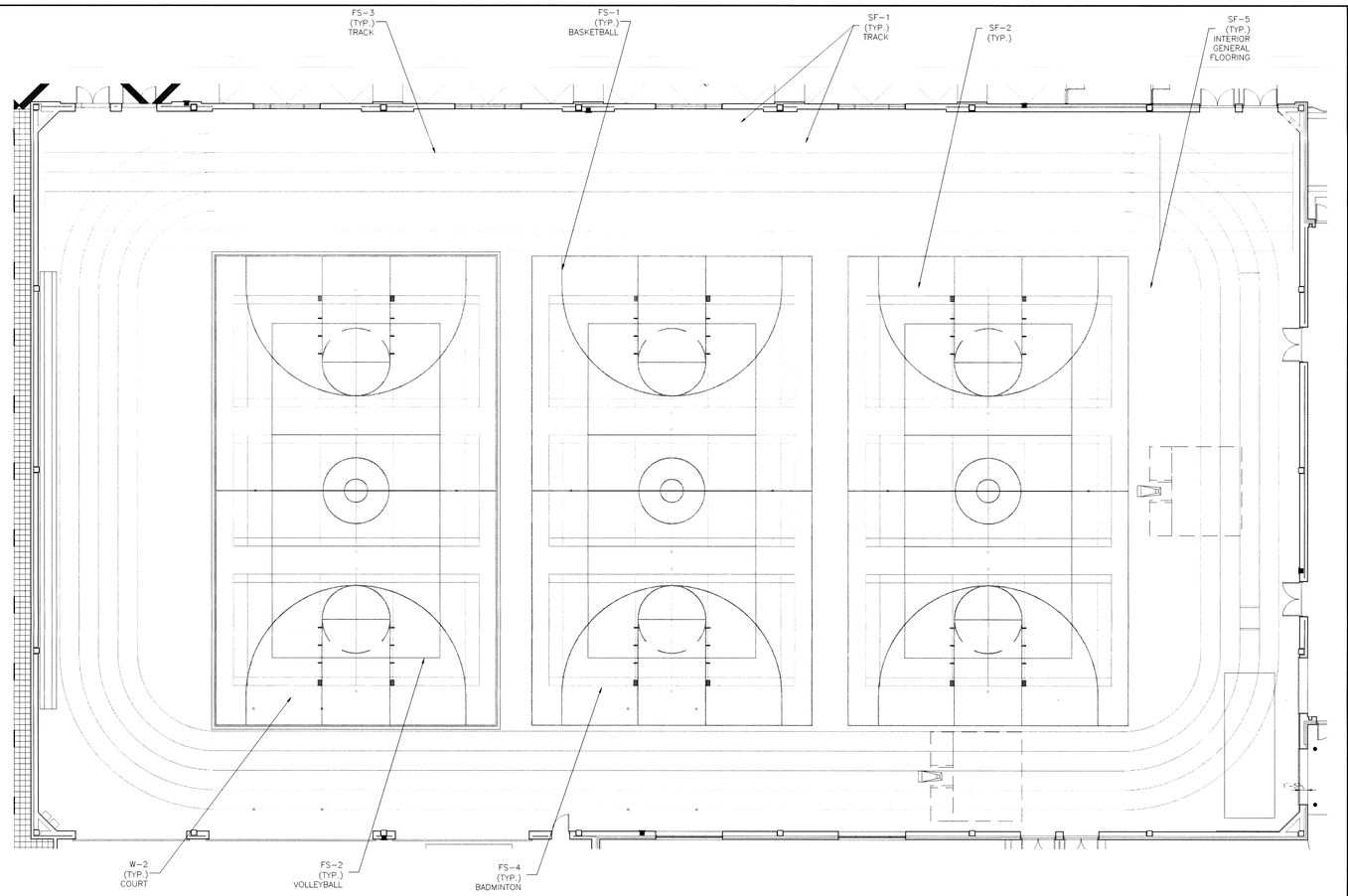
5 A1401



TERRAZZO PATTERN-CORRIDOR 335, 337, 339 (VCT ALTERNATE)

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

2 A1401

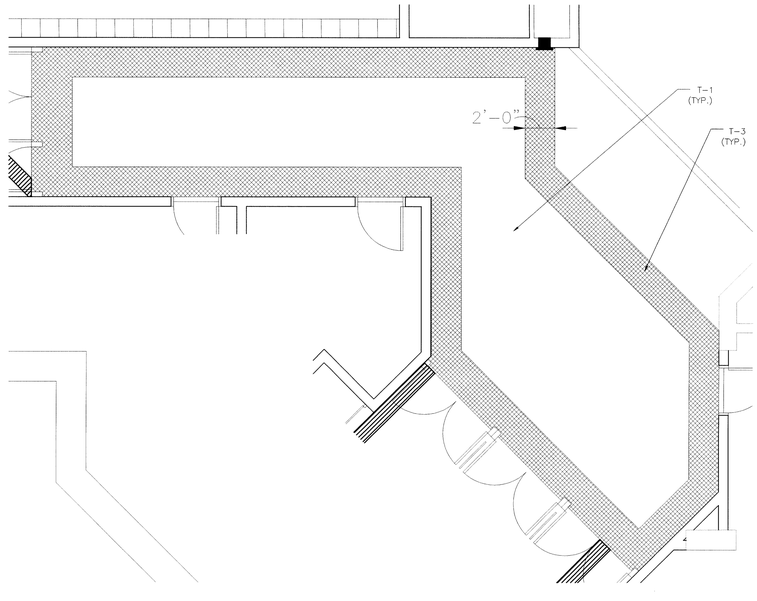


RUBBER FLOORING--MULTIPURPOSE GYMNASIUM 363

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

4 A1401

SEE SPECIFICATION SECTION 09001 FOR ABBREVATIONS AND MANUFACTURERS



TERRAZZO PATTERN- LOBBY 340 AND CORRIDOR 306 (VCT ALTERNATE)

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

1 A1401

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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK

MSD OF LAWRENCE TOWNSHIP

PROJECT 06-612
DATE 03/19/07
COORDINATED BY ELI
DRAWN BY ELI
CHECKED BY JPL

LAWRENCE D. ROYSE REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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REVISIONS

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DRAWING
FLOOR PATTERNS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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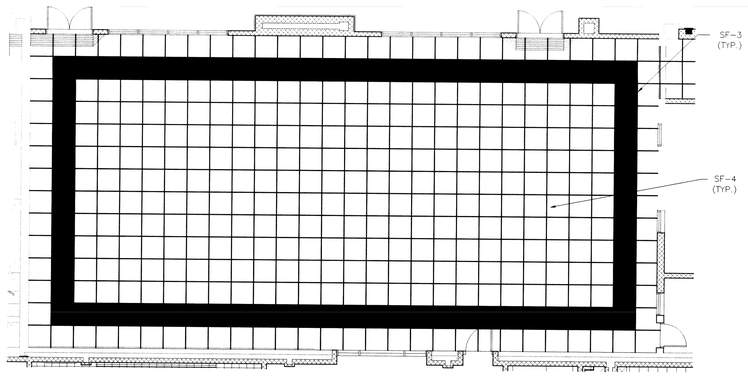
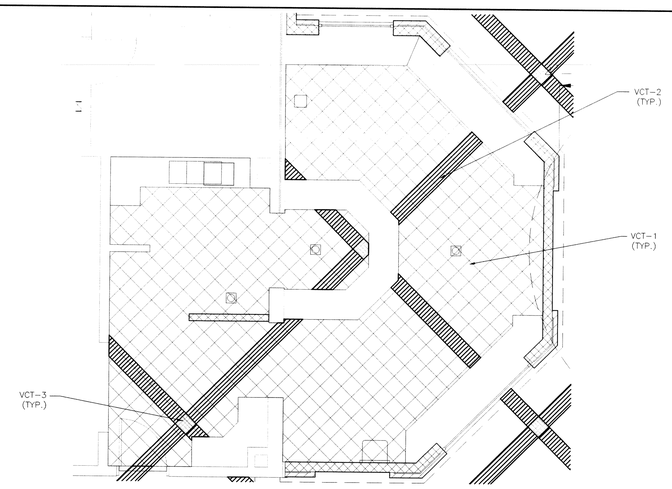


RUBBER FLOORING-WEIGHTS 353

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

5
A1402

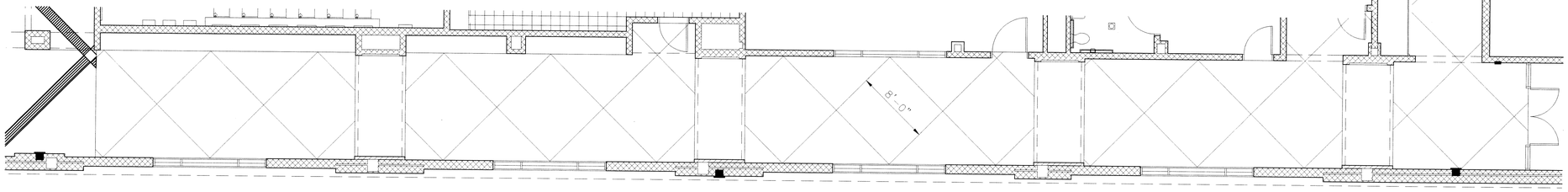


VCT FLOOR PATTERN-CONCESSIONS 338 & PREPARATION 338A

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

4
A1402

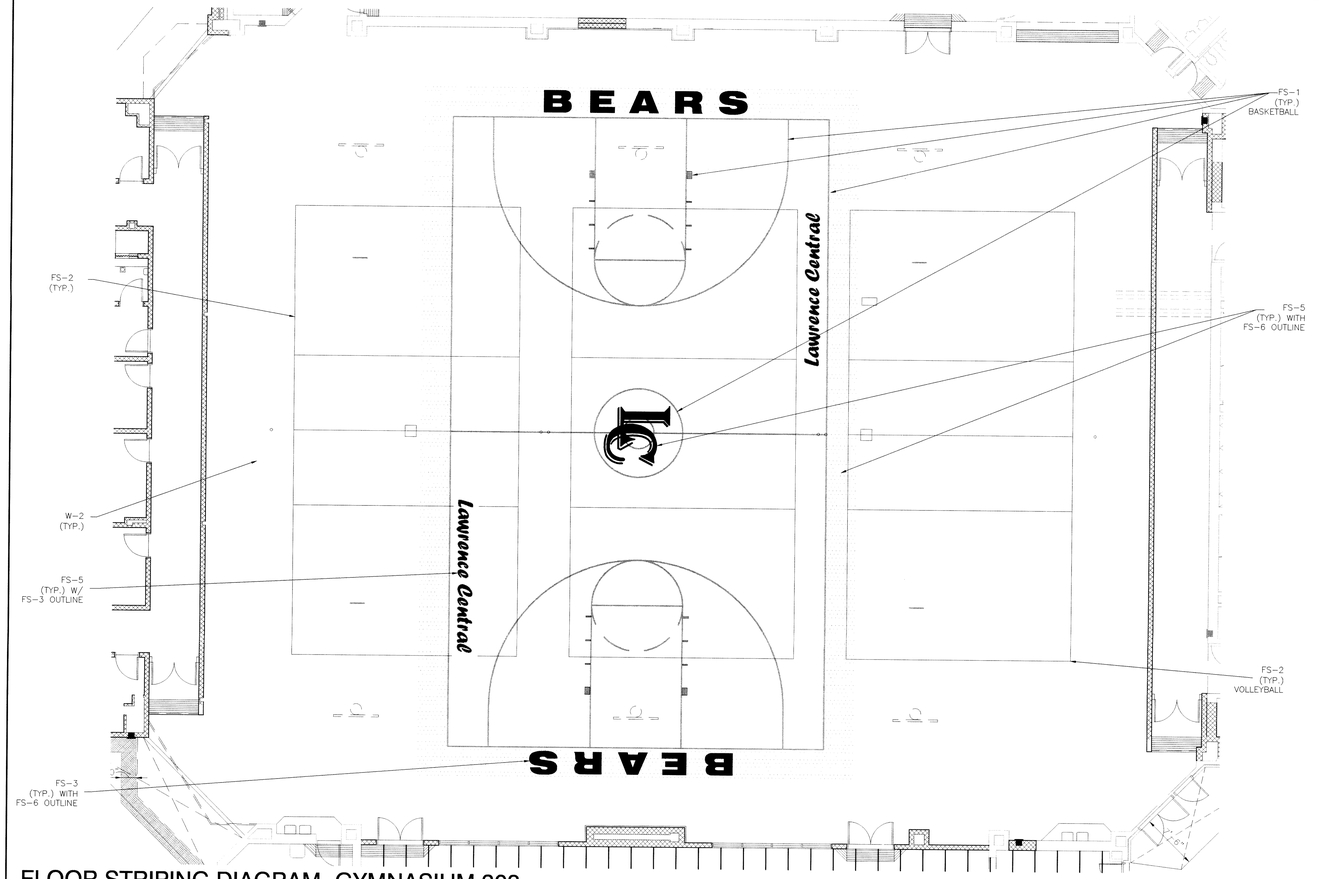
SEE SPECIFICATION SECTION 09001 FOR ABBREVATIONS AND MANUFACTURERS



SEALED CONCRETE SCORING FLOOR PATTERN- CORRIDORS 348 AND 358

SCALE: 3/16"=1'-0"

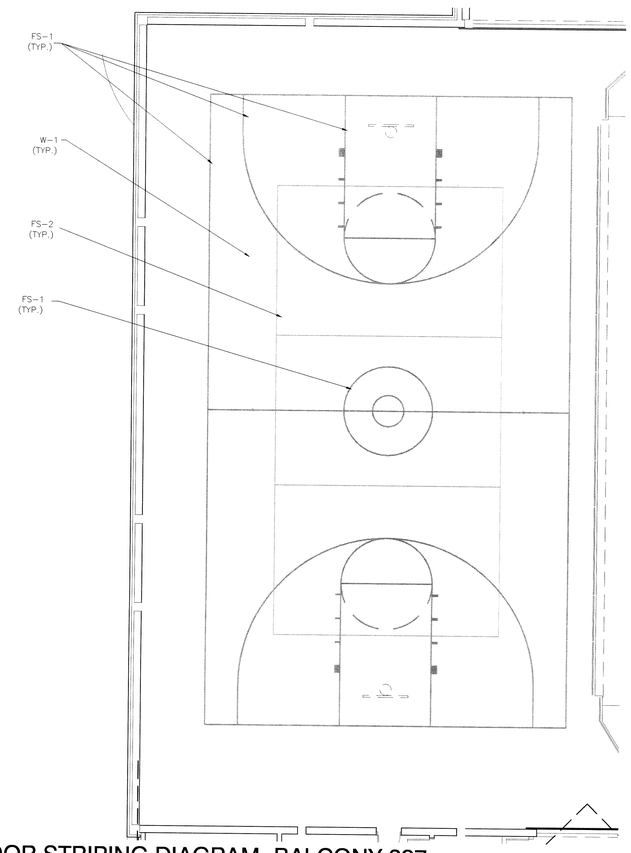
3
A1402



FLOOR STRIPING DIAGRAM- GYMNASIUM 308

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

2
A1402



FLOOR STRIPING DIAGRAM- BALCONY 397

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

1
A1402

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LAWRENCE D. HOYLE REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR

DRAWING
FLOOR PATTERNS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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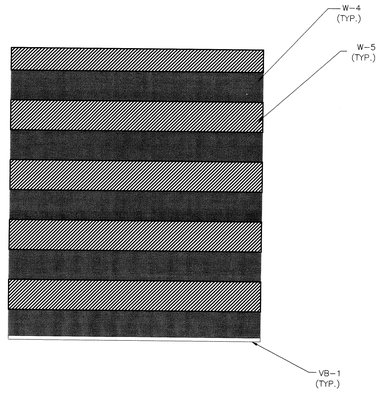
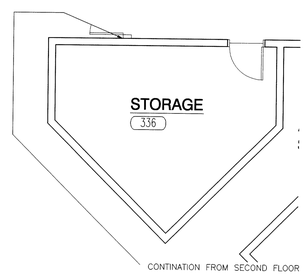
SHEET
A AI402

Mon, 3/19/2007 - 7:52 am
Y:\06-612 Lawrence Central H.S. Renv-Add\Drawings\Interior Design\06-6124-AI402.dwg

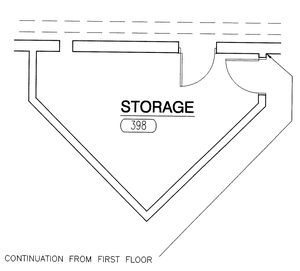


CORRIDOR 348 WALL PATTERN

SCALE: 3/16"=1'-0"



FIRST FLOOR PLAN



SECOND FLOOR PLAN

2
A1701

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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK

MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY ELI
DRAWN BY ELI
CHECKED BY XXX

LAWRENCE D. BOYLE REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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WALL PATTERNS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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PLASTIC LAMINATE CASEWORK SCHEDULE

MARK	CATALOG NUMBER	WIDTH	DESCRIPTION
A	10120	12	36"H X 24"D ONE DOOR BASE STORAGE UNIT-RH
B	10120	15	36"H X 24"D ONE DOOR BASE STORAGE UNIT-RH
C	10120	24	36"H X 24"D ONE DOOR BASE STORAGE UNIT-RH
D	10121	24	36"H X 24"D ONE DOOR BASE STORAGE UNIT-LH
E	10129	30	36"H X 24"D TWO DOOR BASE STORAGE UNIT
F	10129	48	36"H X 24"D TWO DOOR BASE STORAGE UNIT
G	10101	24	36"H X 24"D OPEN BASE STORAGE UNIT
H	10101	33	36"H X 24"D OPEN BASE STORAGE UNIT
J	10101	48	36"H X 24"D OPEN BASE STORAGE UNIT
K	10432	30	36"H X 24"D TWO DOOR, TWO DRAWER BASE STORAGE UNIT
L	10432	36	36"H X 24"D TWO DOOR, TWO DRAWER BASE STORAGE UNIT
M	10492	30	34"H X 24"D ROLLOUT SHELVES, TWO DOOR BASE STORAGE UNIT
N	10492	36	36"H X 24"D ROLLOUT SHELVES, TWO DOOR BASE STORAGE UNIT
P			NOT USED
Q	10492	48	36"H X 24"D ROLLOUT SHELVES, TWO DOOR BASE STORAGE UNIT
R	10429	36	34"H X 24"D ROLLOUT SHELVES, TWO DOOR BASE STORAGE UNIT
S	10479	36	36"H X 24"D SINK BASE STORAGE UNIT CHICAGO FAUCET #201-AGN8AE3-317CP JUST #J-35 STRAINER/CRUMB CUP/TAILPIECE
T	10480	60	36"H X 24"D SINK BASE STORAGE UNIT JUST #TLX-2249-A-GR CHICAGO FAUCET #201-AGN8AE3-317CP SEE DIVISION 15 FOR GARBAGE DISPOSER
U	10421	12	36"H X 24"D ONE DOOR, ONE DRAWER-BASE STORAGE UNIT-RH
V	10422	15	36"H X 24"D ONE DOOR, ONE DRAWER BASE STORAGE UNIT-LH
W	15101	30	30"H X 12"D OPEN WALL STORAGE UNIT
X	15101	36	30"H X 12"D OPEN WALL STORAGE UNIT
Y	15120	12	18"H X 12"D ONE DOOR WALL STORAGE UNIT-RH
Z	15120	24	18"H X 12"D ONE DOOR WALL STORAGE UNIT-RH
AA	15129	27	18"H X 12"D TWO DOOR WALL STORAGE UNIT
AB	15129	30	18"H X 12"D TWO DOOR WALL STORAGE UNIT
AC	15129	36	18"H X 12"D TWO DOOR WALL STORAGE UNIT
AD	15120	24	30"H X 12"D ONE DOOR WALL STORAGE UNIT-RH
AE	15129	30	30"H X 12"D TWO DOOR WALL STORAGE UNIT
AF	15129	48	30"H X 12"D TWO DOOR WALL STORAGE UNIT
AG	25129	48	84"H X 24"D FIVE ADJUSTABLE TALL STORAGE UNIT
AH	10332	24	36"H X 24"D THREE DRAWER BASE STORAGE UNIT

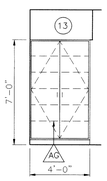
GENERAL NOTES APPLIES TO SHEETS AI801

1. FOR SCHEDULING PURPOSES ONLY, MODEL NUMBERS ARE TAKEN FROM STEVENS INDUSTRIES, INC. AND ARE FOR CABINET REQUIREMENTS ONLY. SEE SPECIFICATIONS FOR CABINET CONSTRUCTION METHODS.
2. FILLER PANELS, TRIM, AND MOLDING PROVIDED SHALL BE CONTINUOUS AS NECESSARY TO MAKE CASEWORK CONTINUOS TO ADJACENT PARTITION, CEILING, AND/OR BULKHEAD.
3. WHERE CASEWORK REQUIRES SHIMMING, ONLY APPROVED METAL SHIMS SHALL BE USED.
4. CABINETS LOCATED IN FRONT OF A PIPE CHASE SHALL HAVE REMOVABLE BACKS.
5. ALL BACKSPLASHES AND ENDSPLASHES SHALL BE 4" HIGH UNLESS OTHERWISE NOTED.
6. VERIFY ALL CASEWORK DIMENSIONS WITH CASEWORK MANUFACTURER.
7. 4" HIGH VINYL COVE BASE AT ALL TOE SPACE AREAS AND AT EXPOSED SURFACES AND SIDES OF CABINETS ADJACENT TO TOE SPACES. BY OTHERS
8. FIELD VERIFY ALL DIMENSIONS.
9. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR DEVICE TYPES, HEIGHTS AND LOCATIONS.
10. ALL EXPOSED SURFACES TO BE PLASTIC LAMINATE FINISHED, INCLUDING OPEN INTERIORS OF CABINETRY
11. ALL ADJOINING CABINETS SHALL BE ALIGNED.
12. ALL EXPOSED ENDS ARE TO BE FINISHED.

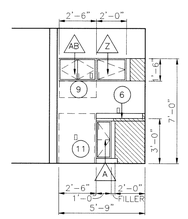
KEY NOTES APPLIES TO SHEETS AI801

SEE ELEVATION 2/AI801 FOR TYPICAL KEYNOTES UNLESS OTHERWISE NOTED.

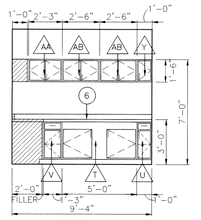
1. LINE OF FINISHED FLOOR
2. WALL LINE.
3. CEILING LINE.
4. 4" TOE SPACE.
5. 25"D PLASTIC LAMINATE COUNTERTOP WITH BACK AND OR ENDSPLASH AS REQUIRED
6. 25"D STAINLESS STEEL COUNTERTOP WITH BACK AND OR ENDSPLASH AS REQUIRED
7. ELECTRICAL DEVICE BY DIVISION 16.
8. LINE TURN IN WALL
9. MICROWAVE BY OWNER
10. COOLER BY OWNER
11. STOVE BY OWNER
12. OPENING IN WALL
13. BULKHEAD



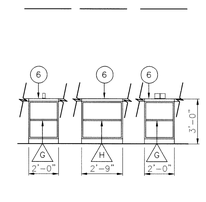
ELEVATION 11
SCALE: 1/4"=1'-0"
ROOM: CLASSROOMS 366, 377, 368, 349



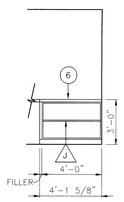
ELEVATION 10
SCALE: 1/4"=1'-0"
ROOM: CONCESSIONS 353



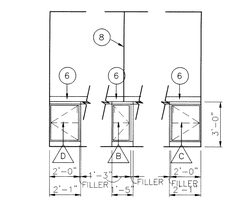
ELEVATION 9
SCALE: 1/4"=1'-0"
ROOM: CONCESSIONS 353



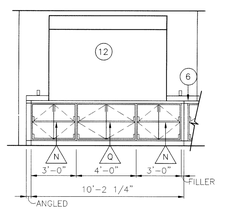
ELEVATION 8
SCALE: 1/4"=1'-0"
ROOM: CONCESSIONS 353



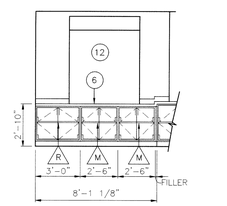
ELEVATION 6
SCALE: 1/4"=1'-0"
ROOM: CONCESSIONS 353
OPPOSITE HAND: CONCESSIONS 353



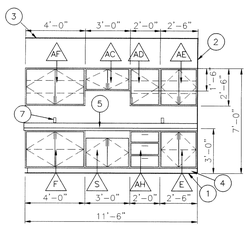
ELEVATION 5
SCALE: 1/4"=1'-0"
ROOM: CONCESSIONS 353



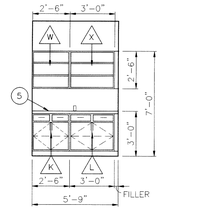
ELEVATION 4
SCALE: 1/4"=1'-0"
ROOM: CONCESSIONS 353
OPPOSITE HAND: CONCESSIONS 353



ELEVATION 3
SCALE: 1/4"=1'-0"
ROOM: CONCESSIONS 353



ELEVATION 2
SCALE: 1/4"=1'-0"
ROOM: TRAINER 379



ELEVATION 1
SCALE: 1/4"=1'-0"
ROOM: TRAINER 379

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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL
RENOVATIONS, ADDITIONS AND RELATED WORK
MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612
DATE 03/19/07
COORDINATED BY ELI
DRAWN BY ELI
CHECKED BY JPL

LAWRENCE D HOYT REGISTERED NO. 4043 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR

DRAWING
PLASTIC LAMINATE CASEWORK SCHEDULE AND ELEVATIONS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

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SHEET
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AI801

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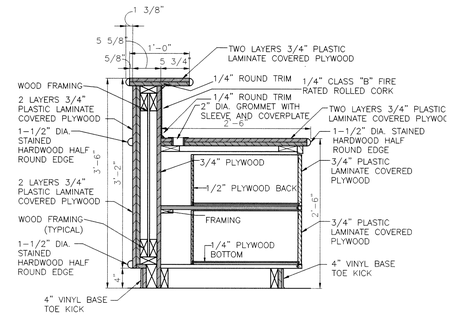
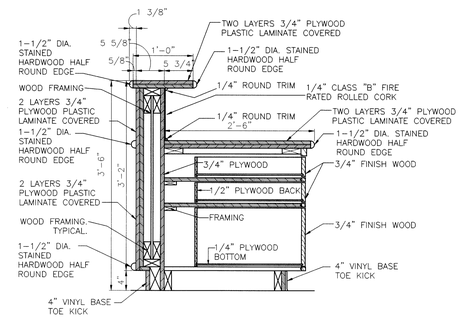


DETAIL

SCALE: 1"=1'-0"

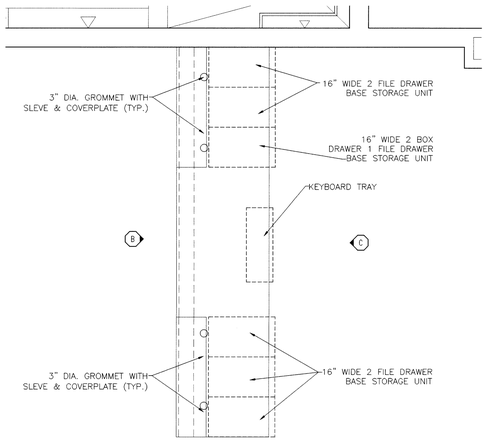
3 AI802



DETAIL

SCALE: 1"=1'-0"

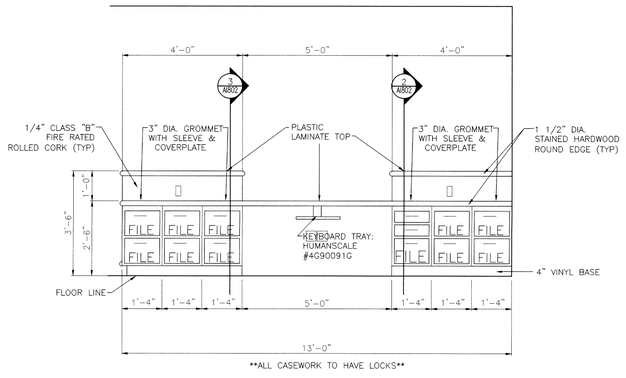
2 AI802



FLOOR PLAN

A

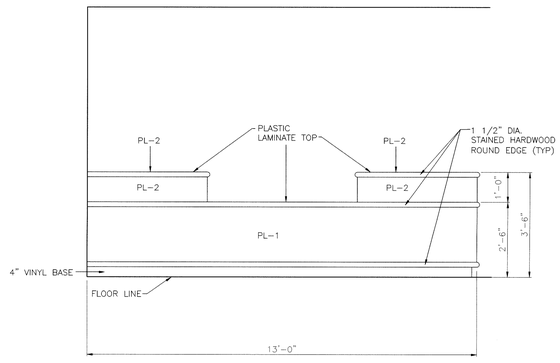
SCALE: 1/2"=1'-0"



ALL CASEWORK TO HAVE LOCKS

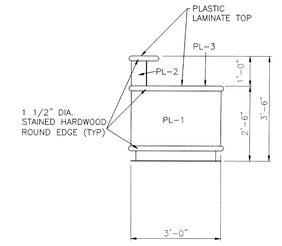
ELEVATION C

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



ELEVATION B

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



ELEVATION A

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

RECEPTION 331-RECEPTION DESK

1 AI810

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PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK

MSD OF LAWRENCE TOWNSHIP

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PROJECT 06-612

DATE 03/19/07

COORDINATED BY ELI

DRAWN BY ELI

CHECKED BY JPL

LAWRENCE D. ROYE REGISTERED ARCHITECT NO. 4043 STATE OF INDIANA

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