

Allen & Hoshall, P.L.L.C.
Michael Leibel, Architect
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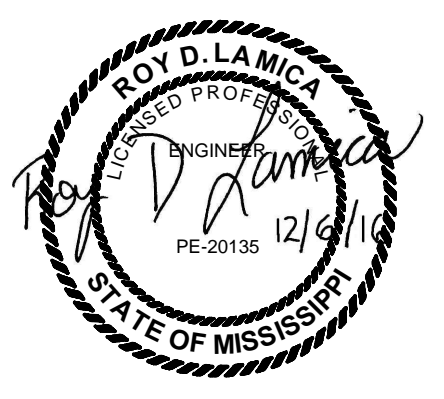
CLASSROOM ADDITION TO LEWISBURG PRIMARY SCHOOL

1707 Craft Road
Olive Branch, MS 38654

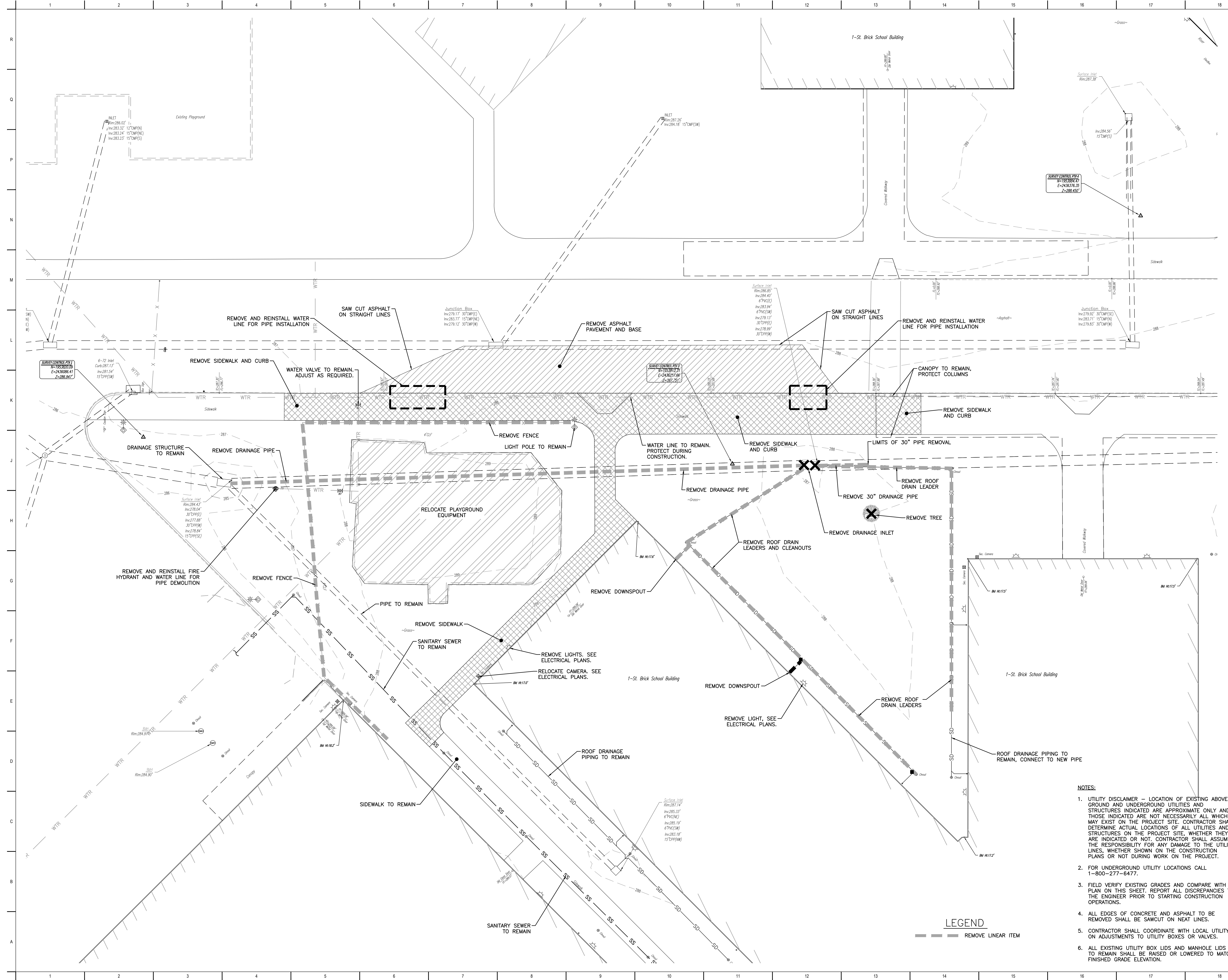
Desoto County School District
5 East South Street, Hernando, Mississippi 38632

EXISTING CONDITIONS AND DEMOLITION PLAN

JOB NO: 62557
DATE: 12.06.16
DRAWN: IFW
CHECKED: RDL
CAD FILE:

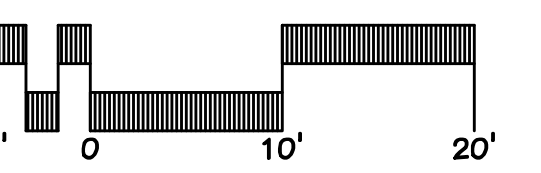
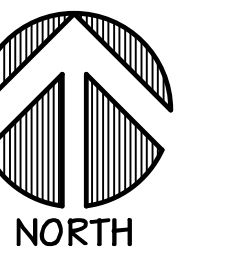


LEWISBURG PRIMARY
C0.1



LEGEND
--- REMOVE LINEAR ITEM

- NOTES:**
1. UTILITY DISCLAIMER — LOCATION OF EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES AND STRUCTURES INDICATED ARE APPROXIMATE ONLY AND THOSE INDICATED ARE NOT NECESSARILY ALL WHICH MAY EXIST ON THE PROJECT SITE. CONTRACTOR SHALL DETERMINE ACTUAL LOCATIONS OF ALL UTILITIES AND STRUCTURES ON THE PROJECT SITE, WHETHER THEY ARE INDICATED OR NOT. CONTRACTOR SHALL ASSUME THE RESPONSIBILITY FOR ANY DAMAGE TO THE UTILITY LINES, WHETHER SHOWN ON THE CONSTRUCTION PLANS OR NOT DURING WORK ON THE PROJECT.
 2. FOR UNDERGROUND UTILITY LOCATIONS CALL 1-800-277-6477.
 3. FIELD VERIFY EXISTING GRADES AND COMPARE WITH PLAN ON THIS SHEET. REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO STARTING CONSTRUCTION OPERATIONS.
 4. ALL EDGES OF CONCRETE AND ASPHALT TO BE REMOVED SHALL BE SAWCUT ON NEAT LINES.
 5. CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY ON ADJUSTMENTS TO UTILITY BOXES OR VALVES.
 6. ALL EXISTING UTILITY BOX LIDS AND MANHOLE LIDS TO REMAIN SHALL BE RAISED OR LOWERED TO MATCH FINISHED GRADE ELEVATION.



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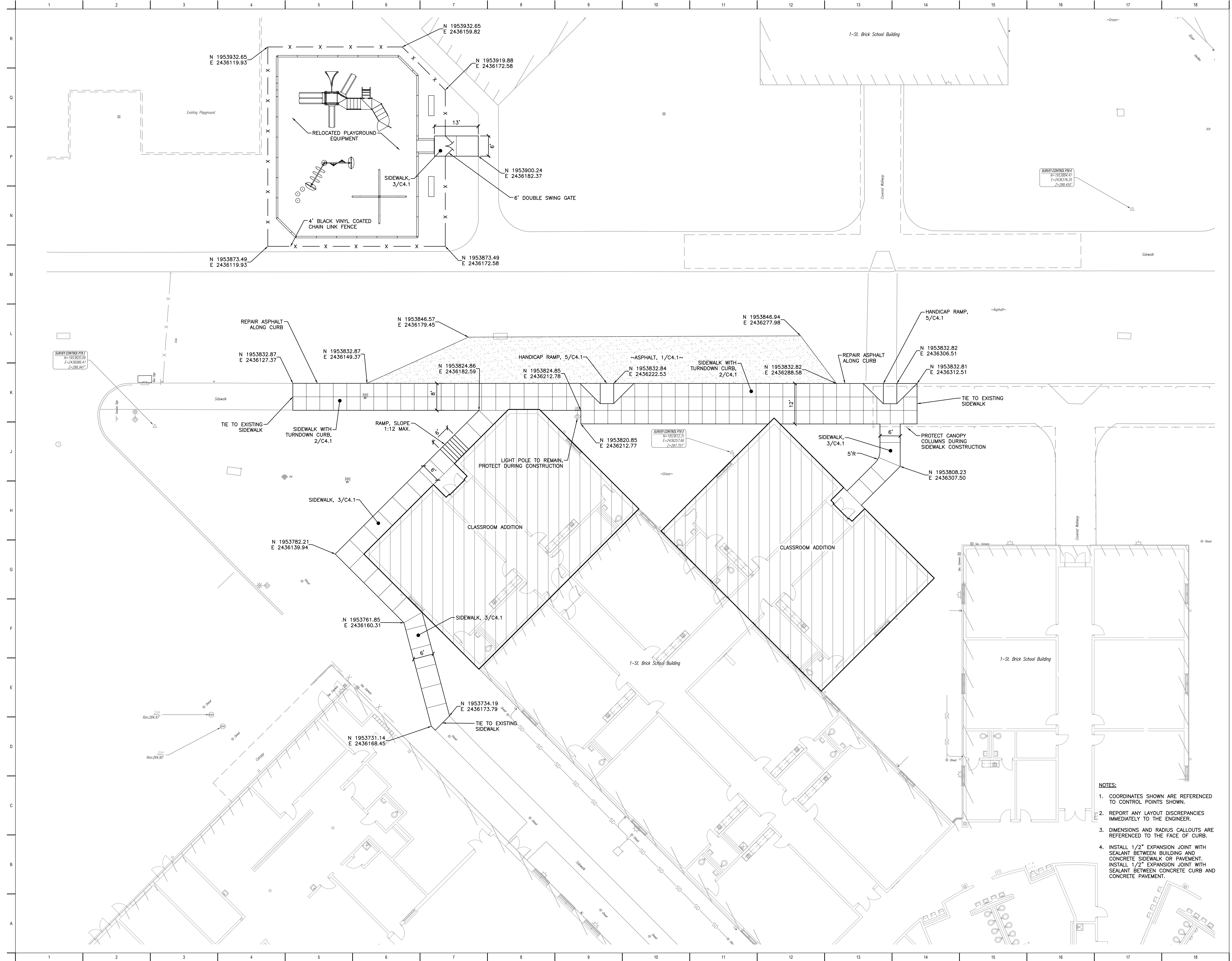
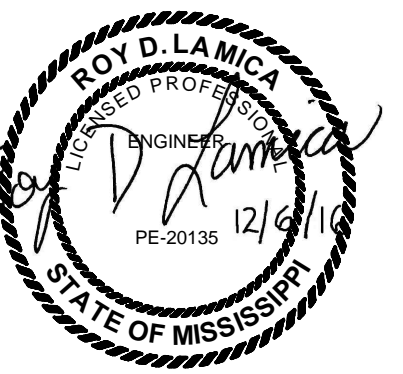
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5 East South Street, Hernando, Mississippi 38632

No.	Revision	Date

LAYOUT PLAN

JOB NO: 62557
DATE: 12.06.16
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CAD FILE:



- NOTES:**
- COORDINATES SHOWN ARE REFERENCED TO CONTROL POINTS SHOWN.
 - REPORT ANY LAYOUT DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
 - DIMENSIONS AND RADIUS CALLOUTS ARE REFERENCED TO THE FACE OF CURB.
 - INSTALL 1/2" EXPANSION JOINT WITH SEALANT BETWEEN BUILDING AND CONCRETE SIDEWALK OR PAVEMENT. INSTALL 1/2" EXPANSION JOINT WITH SEALANT BETWEEN CONCRETE CURB AND CONCRETE PAVEMENT.

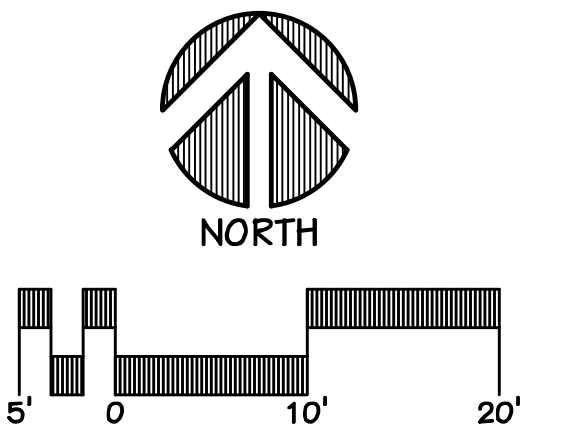
PROPOSED STORM DRAINAGE STRUCTURES						
NUMBER	NORTHING	EASTING	STRUCTURE TYPE	RIM ELEV	FLOW LINE ELEV	DRAINAGE AREA, AC
A1	1953741.06	2436316.97	NO. 10 INLET	287.60	285.43	0.04
A2	1953812.62	2436325.81	NO. 10 INLET	287.50	279.39	0.04
A3	1953812.11	2436294.75	6' DMH	288.67	279.18	N/A
A4	1953839.42	2436274.24	6' DMH	287.88	278.98	N/A
A5	1953839.07	2436181.09	6' DMH	287.42	278.46	N/A
A6	1953806.87	2436110.05	EX. NO. 11 INLET	284.43	277.88	0.06

* SEE NOTE #3

PROPOSED STORM DRAIN PIPES									
FROM	INV. ELEV	TO	INV. ELEV	DIA., in	SLOPE, %	LENGTH, ft	DESIGN Q, cfs	CAPACITY Q, cfs	VELOCITY, fps
A1	285.43	A2	284.71	12"	1.00%	72.11	0.09	3.56	4.53
A2	279.39	A3	279.21	EX. 30"	0.58%	31.06	28.44	31.23	6.36
* A3	279.18	A4	279.01	30"	0.50%	34.16	28.62	29.00	5.91
* A4	278.98	A5	278.49	30"	0.53%	93.16	29.14	29.86	6.08
* A5	278.46	A6	278.04	30"	0.54%	78.00	29.14	30.14	6.14

ABBREVIATIONS

FG	FINISHED GRADE
FFE	FINISHED FLOOR ELEV
TH	THRESHOLD
TW	TOP OF WALL
BW	BOTTOM OF WALL
TC	TOP OF CURB
BC	BOTTOM OF CURB
FL	FLOWLINE
RM	RIM
HP	HIGH POINT
LP	LOW POINT
TS	TOP OF STAIRS
BS	BOTTOM OF STAIRS



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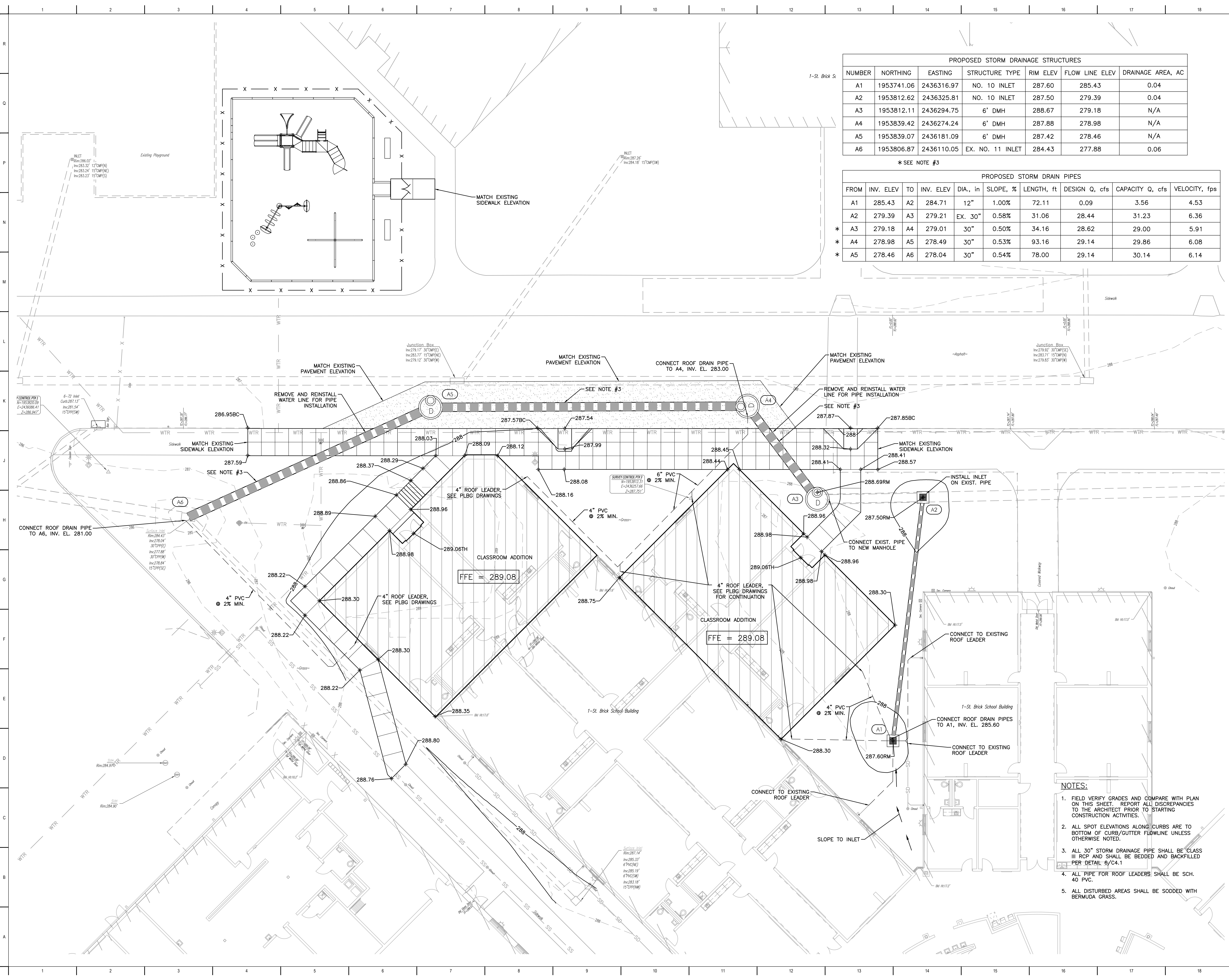
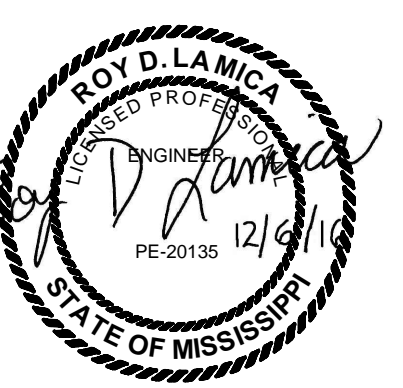
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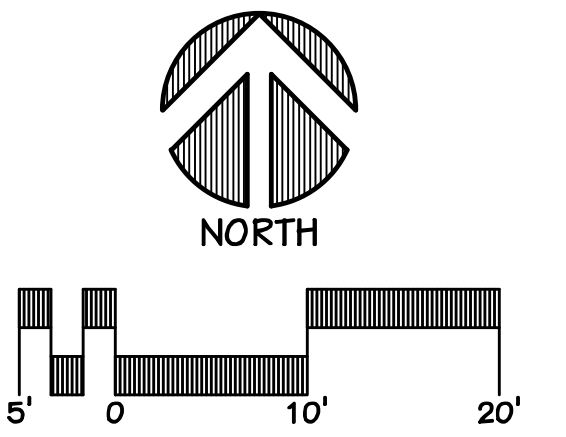
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GRADING AND DRAINAGE PLAN

JOB NO: 62557
DATE: 12.06.16
DRAWN: IFW
CHECKED: RDL
CAD FILE:



- NOTES:**
1. FIELD VERIFY GRADES AND COMPARE WITH PLAN ON THIS SHEET. REPORT ALL DISCREPANCIES TO THE ARCHITECT PRIOR TO STARTING CONSTRUCTION ACTIVITIES.
 2. ALL SPOT ELEVATIONS ALONG CURBS ARE TO BOTTOM OF CURB/GUTTER FLOWLINE UNLESS OTHERWISE NOTED.
 3. ALL 30" STORM DRAINAGE PIPE SHALL BE CLASS III RCP AND SHALL BE BEDDED AND BACKFILLED PER DETAIL 6/C4.1
 4. ALL PIPE FOR ROOF LEADERS SHALL BE SCH. 40 PVC.
 5. ALL DISTURBED AREAS SHALL BE SODDED WITH BERMUDA GRASS.



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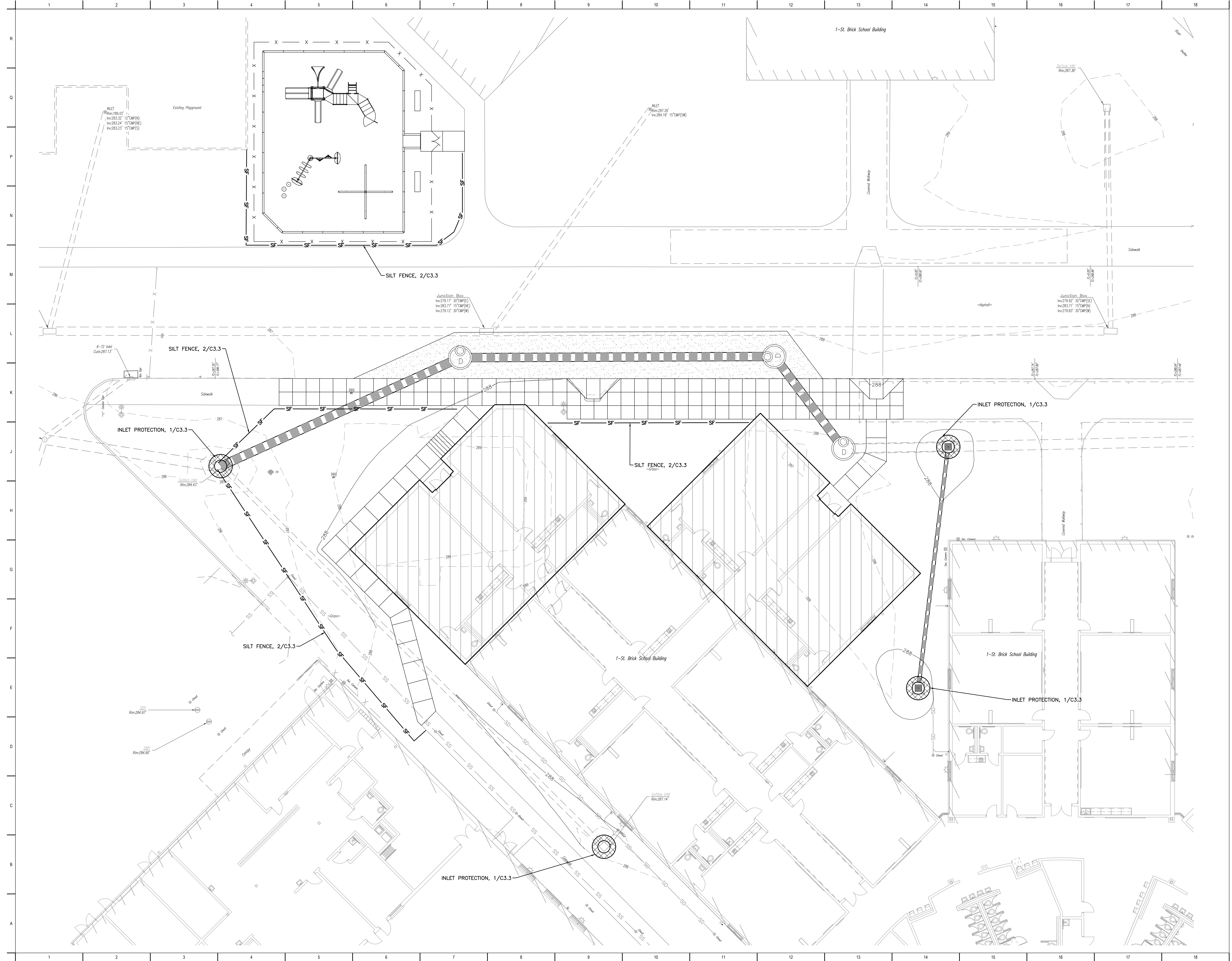
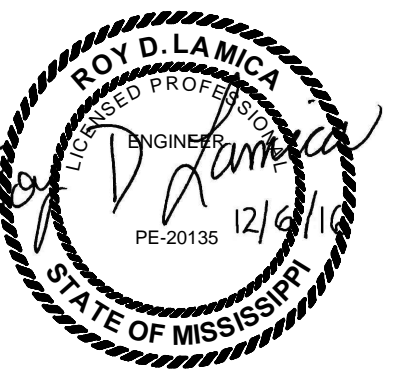
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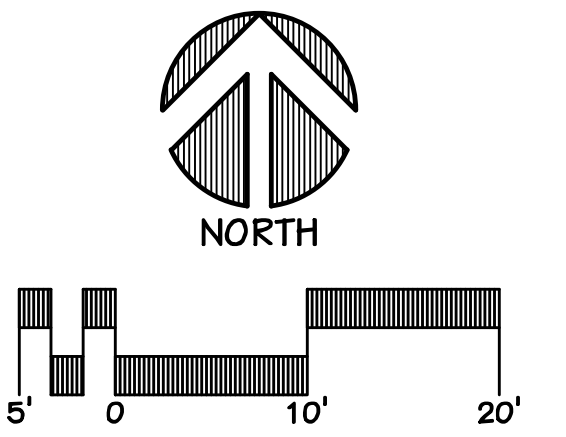
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5 East South Street, Hernando, Mississippi 38632

No.	Revision	Date

**EROSION CONTROL PLAN
PHASE 1**

JOB NO: 62557
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DRAWN: IFW
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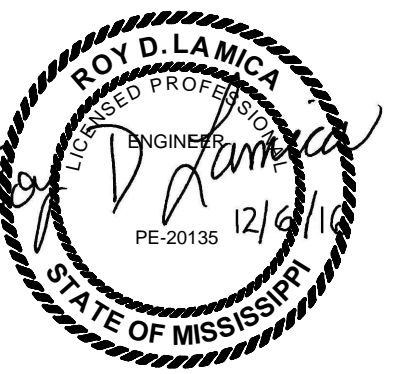
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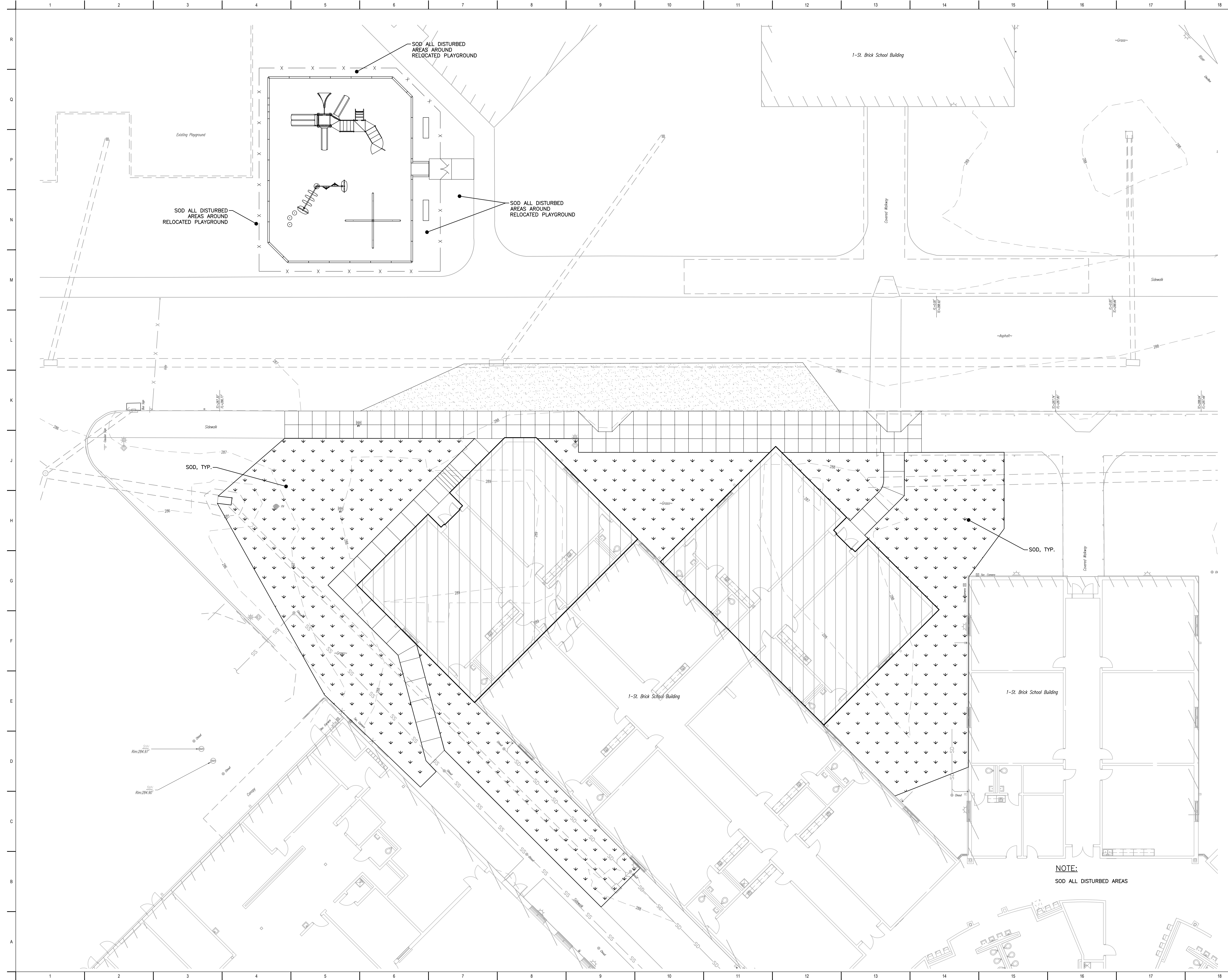
No.	Revision	Date

**EROSION CONTROL PLAN
PHASE 2**

JOB NO: 62557
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CAD FILE:

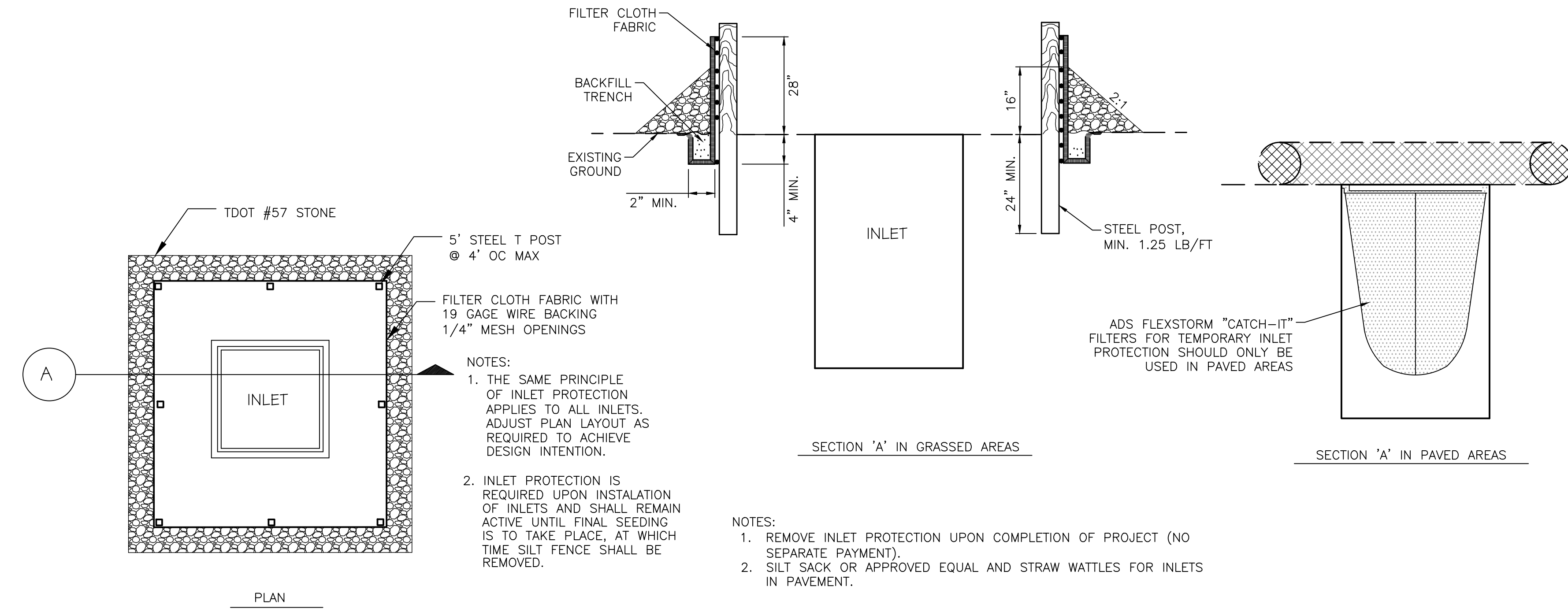


LEWISBURG PRIMARY
C3.2

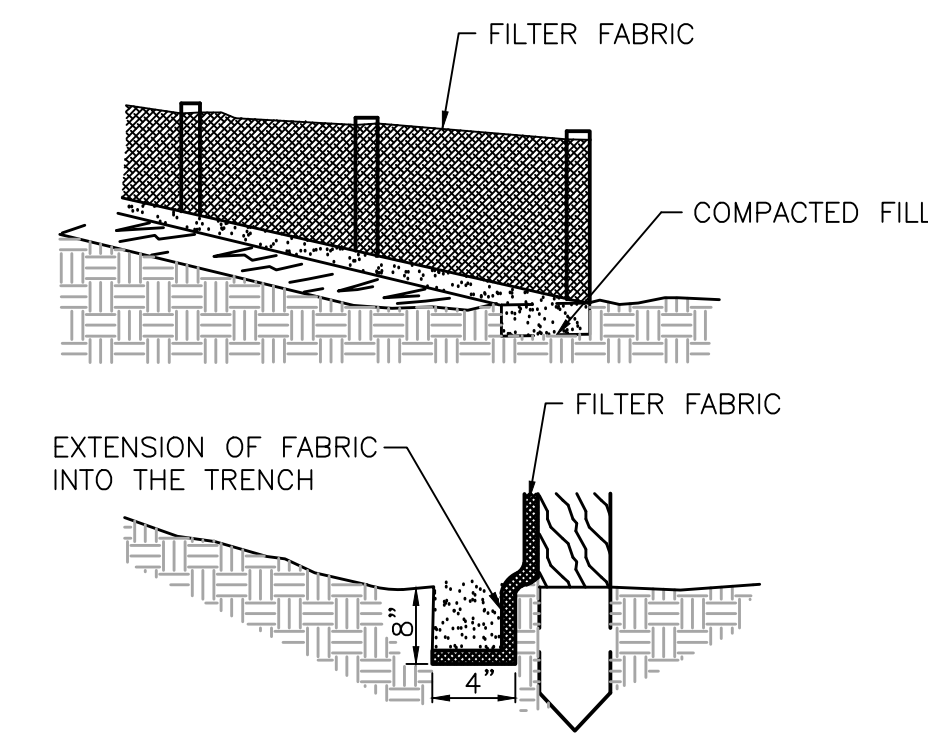


EROSION CONTROL NOTES

1. THE PURPOSE OF THIS EROSION CONTROL PLAN IS TO PREVENT SILTATION AND OTHER POLLUTANTS, DUE TO CONSTRUCTION, FROM ENTERING ADJACENT STREAMS AND PROPERTY.
2. CLEARING AND GRUBBING IS TO BE HELD TO THE MINIMUM WIDTH NECESSARY TO ACCOMMODATE SLOPES. UNNECESSARY CANOPY REMOVAL (TREES, SHRUBS, ETC.) IS PROHIBITED.
3. MAINTAIN ALL GROUND COVER WHENEVER POSSIBLE. ALL AREAS DISTURBED BY CONSTRUCTION THAT ARE NOT TO RECEIVE PAVING SHALL BE SODDED AS SOON AS POSSIBLE.
5. TO REDUCE SEDIMENT IN RUNOFF, EROSION CONTROL MEASURES SHALL BE INSTALLED PROMPTLY DURING ALL CONSTRUCTION PHASES.
6. SEDIMENT TRAPS SHALL BE LOCATED AS NEEDED BY THE ENGINEER.
7. SITE EROSION CONTROLS SHALL BE CHECKED AND IF NECESSARY REPAIRED WEEKLY AND WITHIN 24 HOURS AFTER EACH RAINFALL GREATER THAN 0.5", IN THE EVENT OF CONTINUOUS RAINFALL, EROSION CONTROLS SHALL BE CHECKED DAILY.
8. DURING SEDIMENT REMOVAL, THE CONTRACTOR SHALL TAKE CARE TO ENSURE THAT STRUCTURAL COMPONENTS OF EROSION CONTROL STRUCTURES ARE NOT DAMAGED AND THUS MADE INEFFECTIVE. IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL REPAIR THE STRUCTURES AT THE CONTRACTOR'S EXPENSE.
9. ALL AREAS TO REMAIN BARE GREATER THAN 14 DAYS MUST BE TEMPORARILY STABILIZED. ALL SLOPES 3:1 OR GREATER TO REMAIN BARE GREATER THAN 7 DAYS MUST BE TEMPORARILY STABILIZED.
10. SEDIMENT REMOVED FROM SEDIMENT CONTROL STRUCTURES IS TO BE PLACED AT A SITE APPROVED BY THE ENGINEER. IT SHALL BE TREATED IN A MANNER SO THAT THE AREA AROUND THE DISPOSAL SITE WILL NOT BE CONTAMINATED OR DAMAGED BY THE SEDIMENT IN RUN-OFF. ALL COST FOR SEDIMENT REMOVAL SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
11. UPON COMPLETE REMOVAL OF SEDIMENT TRAPS, SPECIAL DITCHES, ETC., THE AREA WHERE THEY WERE CONSTRUCTED IS TO BE TOPSOILED AND SEEDED.
12. ALL STOCKPILES TO BE CONTAINED BY SILT FENCE IN ORDER TO PREVENT SEDIMENT RUNOFF FROM ENTERING NEARBY STREAMS.
13. SHOULDERS AND EXCAVATED AREAS SHALL BE PROMPTLY STABILIZED AGAINST EROSION. SILTATION MEASURES SHALL BE IMPLEMENTED PROMPTLY TO REDUCE THE SEDIMENT IN RUN-OFF FROM THE CONSTRUCTION SITE.
14. EQUIPMENT STAGING AND MAINTENANCE AREAS SHALL BE DEVELOPED A SUFFICIENT DISTANCE FROM STREAMS TO ENSURE THAT OIL, GASOLINE, AND OTHER PETROLEUM POLLUTANTS DO NOT ENTER THE WATERWAYS.
15. FAILURE TO MAINTAIN GOOD EROSION CONTROL MEASURES COULD RESULT IN A FINE BEING ISSUED TO THE CONTRACTOR.
16. THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL DEVICES IN GENERAL CONFORMANCE TO THE EROSION CONTROL PLAN. THE EROSION CONTROL PLAN IS PROVIDED TO INDICATE MINIMUM EROSION CONTROL MEASURES REQUIRED OF THE CONTRACTOR AND DOES NOT TAKE INTO ACCOUNT THE CONTRACTOR'S SEQUENCE OF CONSTRUCTION. ADDITIONAL EROSION CONTROL MEASURES SHALL BE UNDERTAKEN BY THE CONTRACTOR AS REQUIRED TO MINIMIZE IMPACTS TO ADJACENT PROPERTIES AND THE DRAINAGE SYSTEM DOWNSTREAM OF THE SITE, AT NO ADDITIONAL COST.
17. INLET PROTECTION SHALL CONSIST OF TWO SEPARATE LAYERS OF SILT FENCE SURROUNDING THE DRAINAGE STRUCTURE WHEN IN GRASS AREAS, PLUS BELOW-GRADE GEOTEXTILE CATCH BASIN SEDIMENT TRAP (ADS FLEXSTORM "CATCH-IT" - OR APPROVED EQUAL). SEDIMENT SHALL BE REMOVED FROM BELOW-GRADE GEOTEXTILE CATCH BASIN SEDIMENT TRAP ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AT NO ADDITIONAL COST TO OWNER.
18. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL REQUIRED PERMITS HAVE BEEN OBTAINED PRIOR TO BEGINNING CONSTRUCTION OR OTHER ACTIVITIES.
19. A SPECIFIC INDIVIDUAL SHALL BE DESIGNATED TO BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS ON EACH PROJECT SITE.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SOIL EROSION CONTROL MEASURES AS NOTED ON THE PLANS AND AS REQUESTED BY THE OWNER DURING CONSTRUCTION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR SATISFYING THE REQUIREMENTS OF THE STATE OF MISSISSIPPI DEPARTMENT ENVIRONMENTAL QUALITY AS SET FORTH IN THE EROSION & SEDIMENT CONTROL HANDBOOK. ALL SOIL EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE CONTRACT SO AS TO PREVENT ANY SEDIMENTATION FROM WASHING OFF THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHTS-OF-WAY. STRAW BALE DAMS AND/OR SEDIMENT FENCE SHALL BE INSTALLED AS DIRECTED. THE CONTRACTOR SHALL MAINTAIN A LOG OF ALL MAINTENANCE ACTIVITIES FOR THE EROSION CONTROL ELEMENTS AS REQUIRED BY THE STATE OF MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY.
21. A COPY OF THE EROSION CONTROL PLAN MUST BE AVAILABLE ON SITE FOR THE DIVISION OF WATER POLLUTION CONTROL INSPECTOR ON REQUEST.
22. EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE EARTH MOVING OPERATIONS BEGIN, AND MUST BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORK DAY, BUT MUST BE REPLACED AT THE END OF THE WORK DAY OR PRIOR TO RAINFALL EVENTS.
23. ALL CONTROL MEASURES SHALL BE CHECKED AND REPAIRED AS NECESSARY, WEEKLY IN DRY PERIODS AND WITHIN 24 HOURS AFTER ANY RAINFALL OF 0.5 INCHES WITHIN A 24 HOUR PERIOD. DURING PROLONGED RAINFALL, DAILY CHECKING AND REPAIRING IS NECESSARY. THE PERMITTEE SHALL MAINTAIN RECORDS OF CHECKS AND REPAIRS.
24. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY REGULATIONS.
25. THERE MAY BE EXISTING SILT FENCE IN PLACE, HOWEVER, THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEETING THE REQUIREMENTS OF THIS PLAN AND FOR INSTALLING NEW SILT FENCE AS REQUIRED.
26. CONTRACTOR SHALL NOTIFY MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY A MINIMUM OF 24 HOURS PRIOR TO BEGINNING CONSTRUCTION.



1
C3.3 NIS
TYP. INLET PROTECTION



2
C3.3 NIS
SILT FENCE DETAIL

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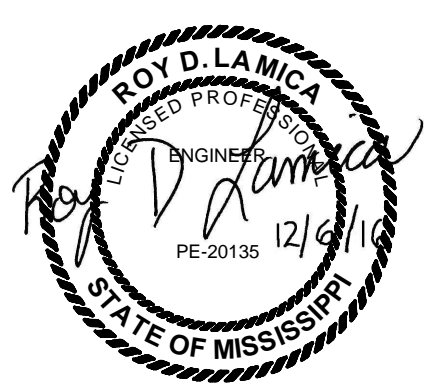
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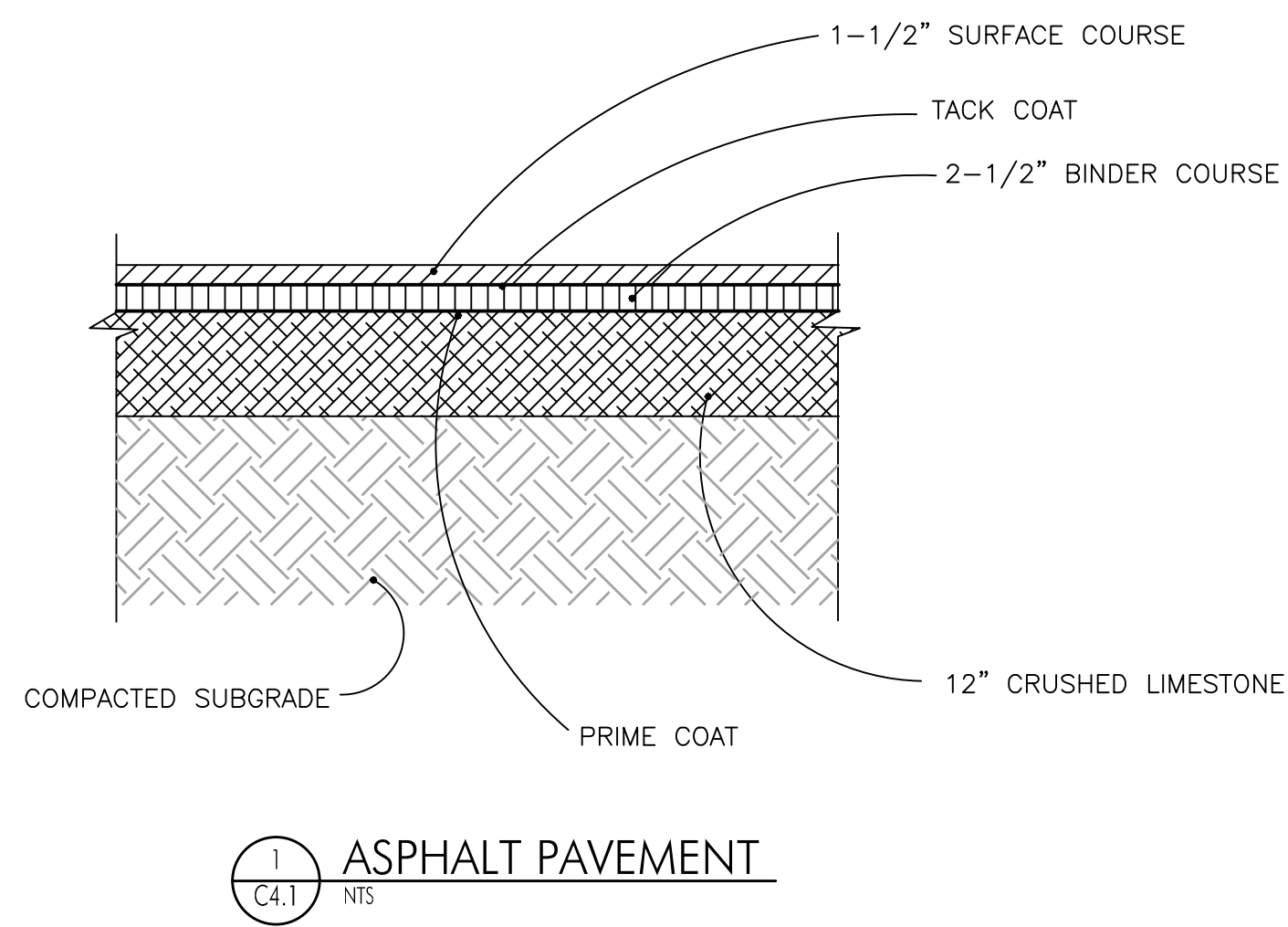
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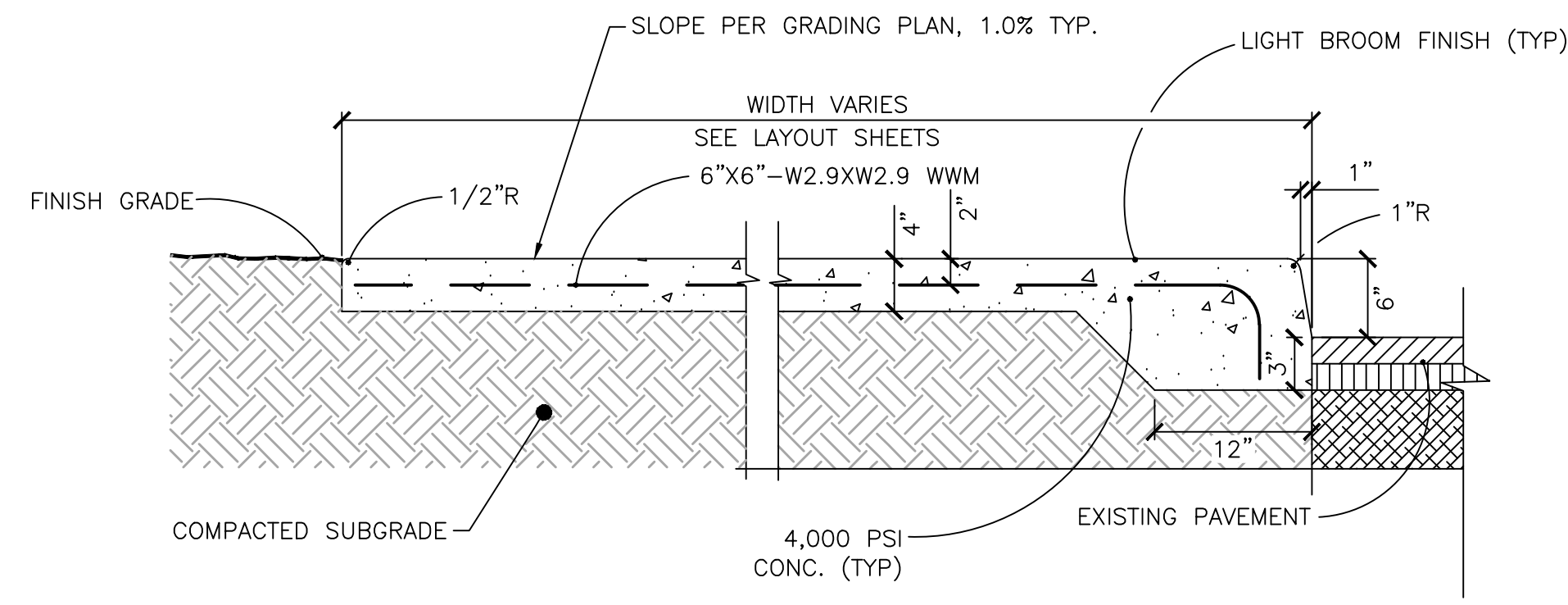
EROSION CONTROL NOTES AND DETAILS

JOB NO: 62557
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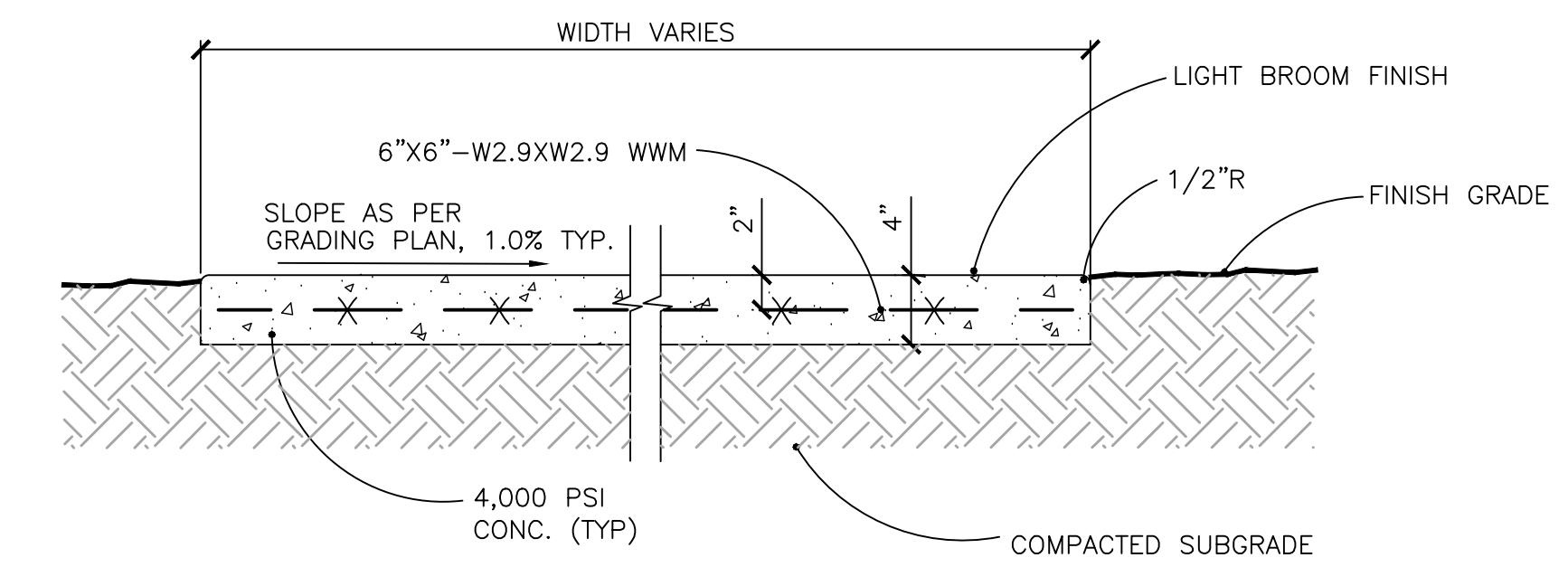




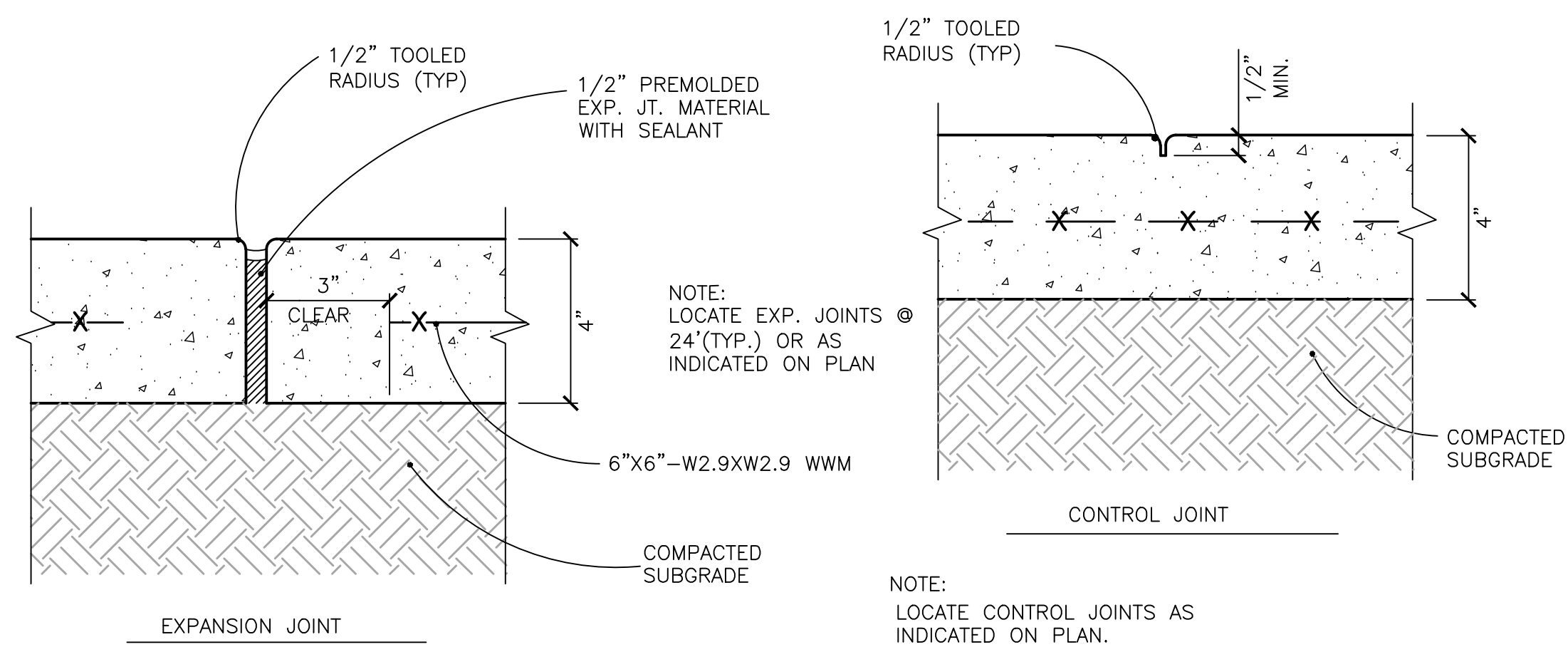
1 ASPHALT PAVEMENT
C4.1 NIS



2 TYP. SIDEWALK WITH TURN DOWN CURB
C4.1 NIS

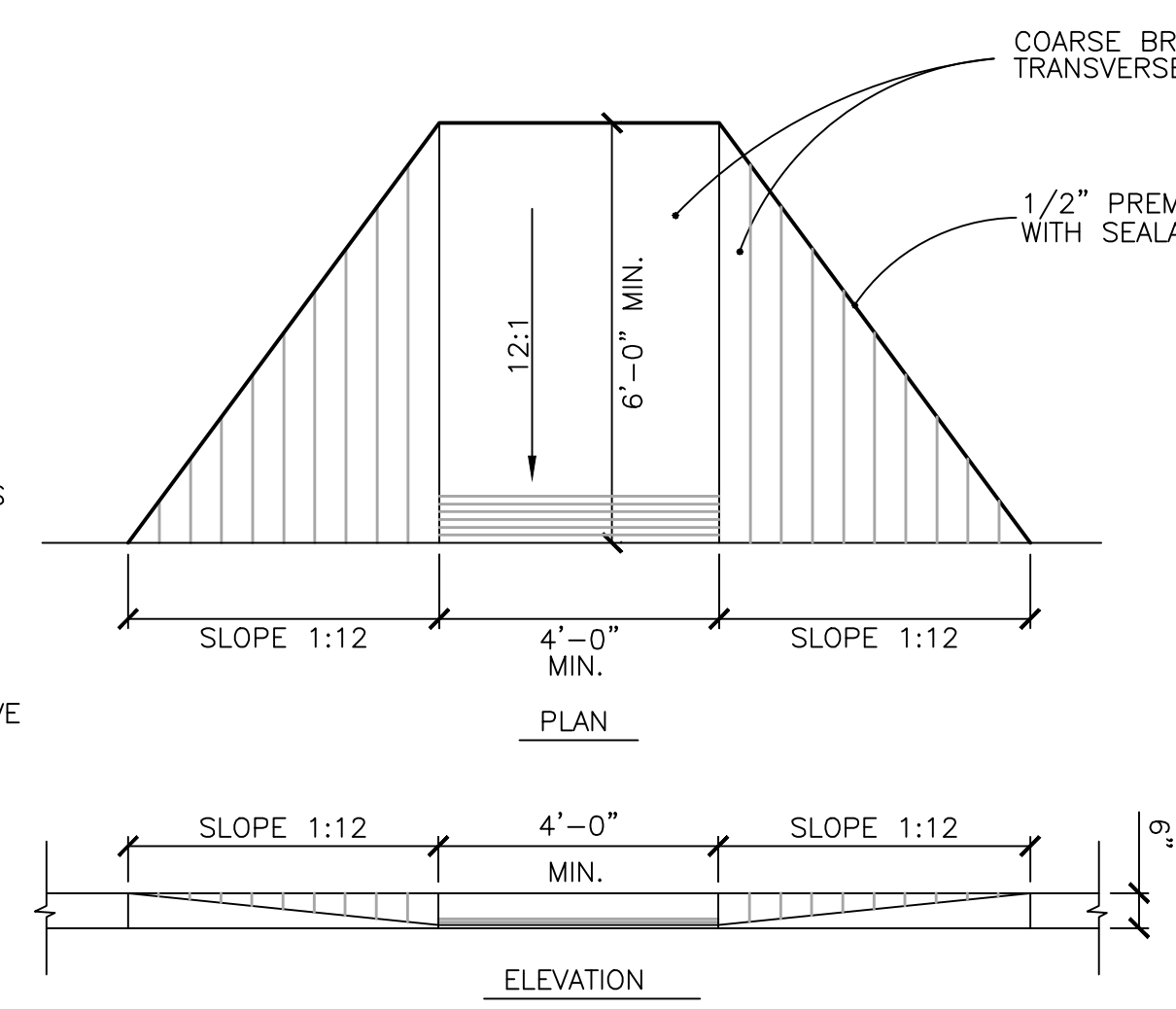


3 CONCRETE SIDEWALK
C4.1 NIS

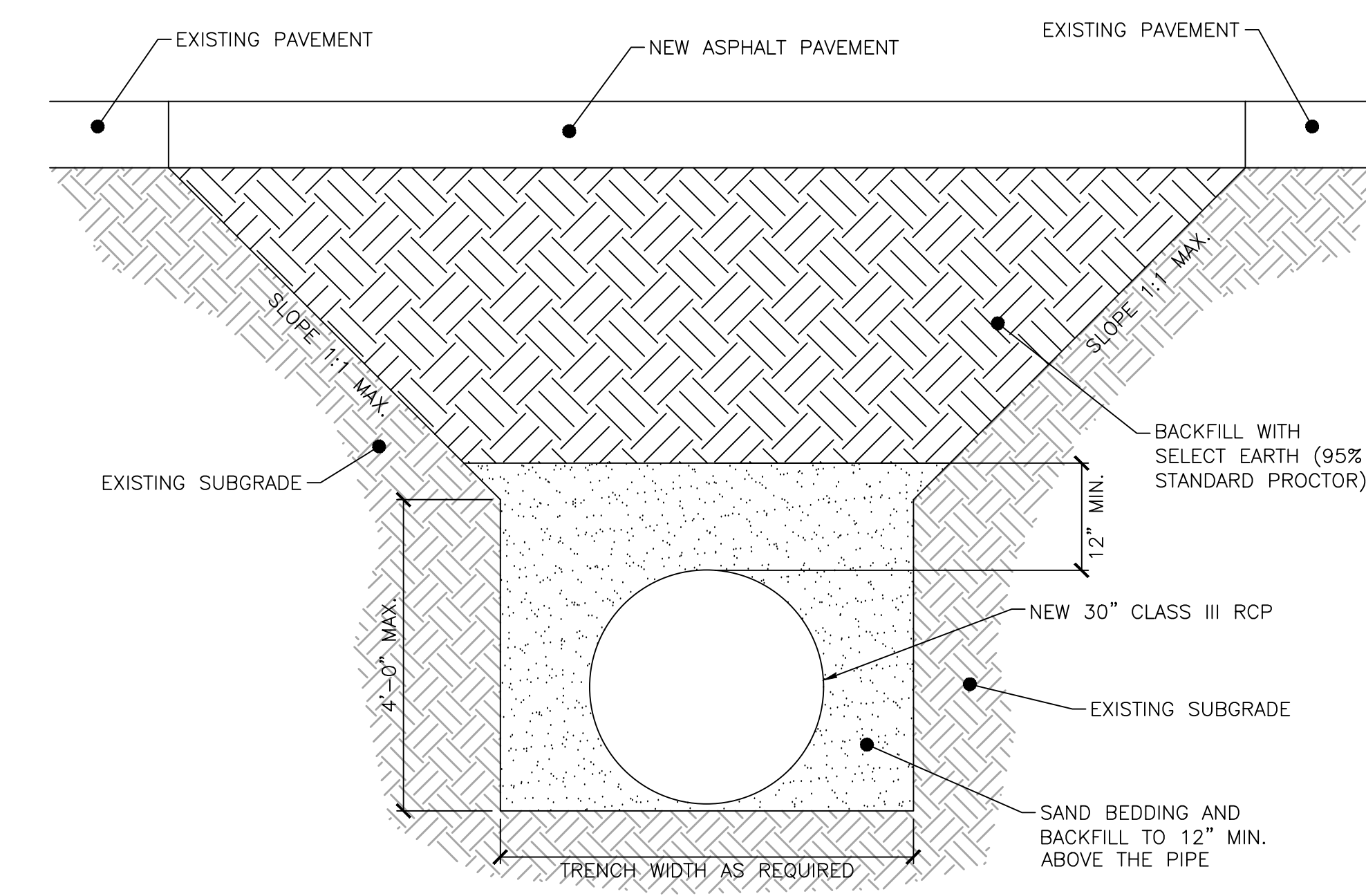


4 TYP. SIDEWALK JOINTS
C4.1 NIS

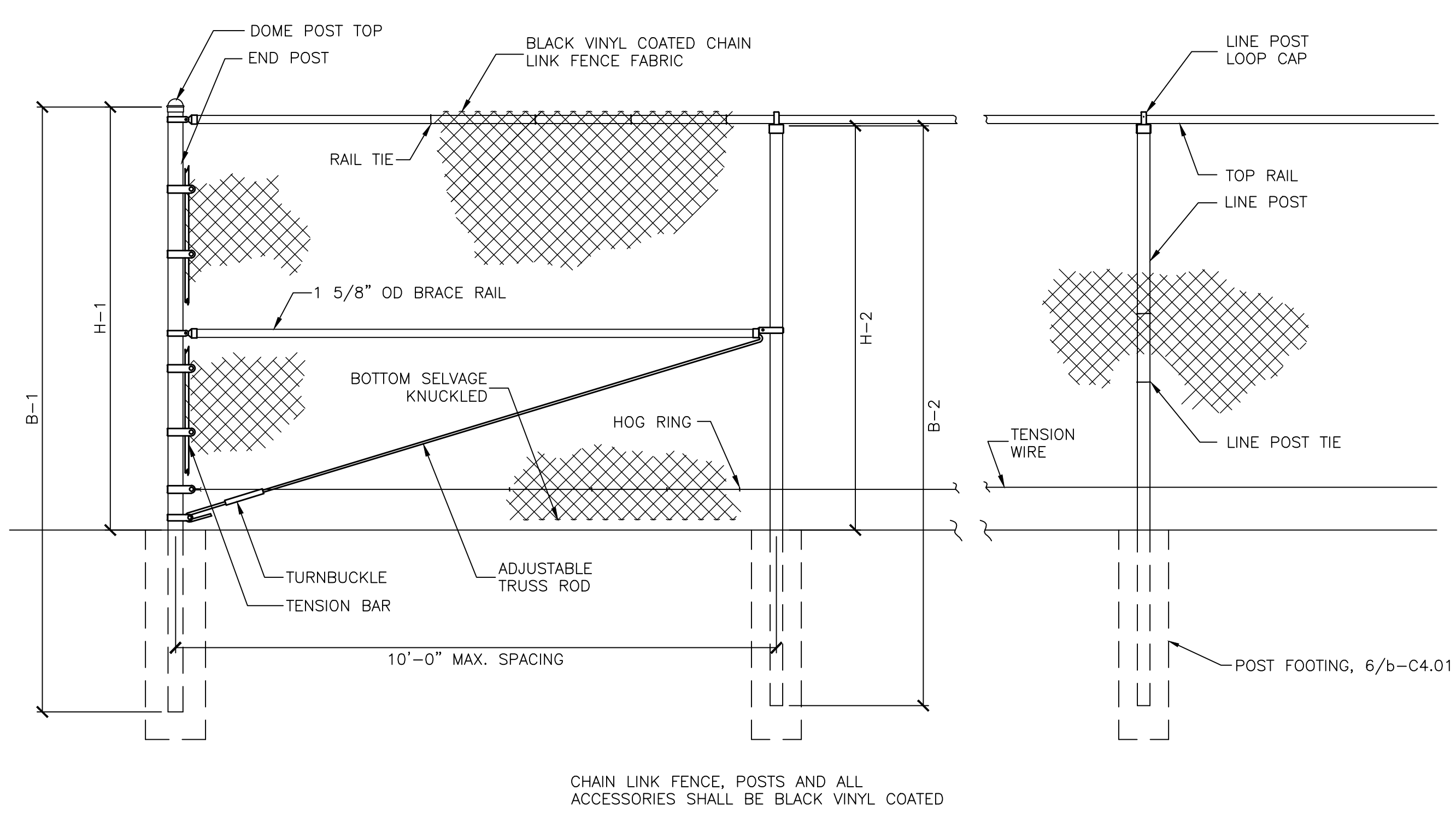
- NOTES:
1. SURFACE TEXTURE OF THE RAMP SHALL BE THAT OBTAINED BY A COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.
 2. A MINIMUM OF SIX SCORED LINES SPACED AT 2" CENTERS SHALL BE PLACED TRANSVERSE ON THE RAMP BEGINNING AT THE GUTTER. SCORED LINES SHALL BE PLACED @ 6" CENTERS PARALLEL TO THE RAMP ON THE SIDE SLOPES.
 3. THE LENGTH OF THE SIDE RAMP SHALL BE DETERMINED BY THE 1:12 MAX. SLOPE AND THE HEIGHT OF THE CURB. SIDEWALK BEHIND THE RAMP SHALL HAVE A CROSS SLOPE OF 1:20 (2.0%) MAX.
 4. RAMP SHALL HAVE UNIFORM GRADE, FREE OF SAGS AND SHORT GRADE CHANGES.



5 HANDICAP RAMP
C4.1 NIS

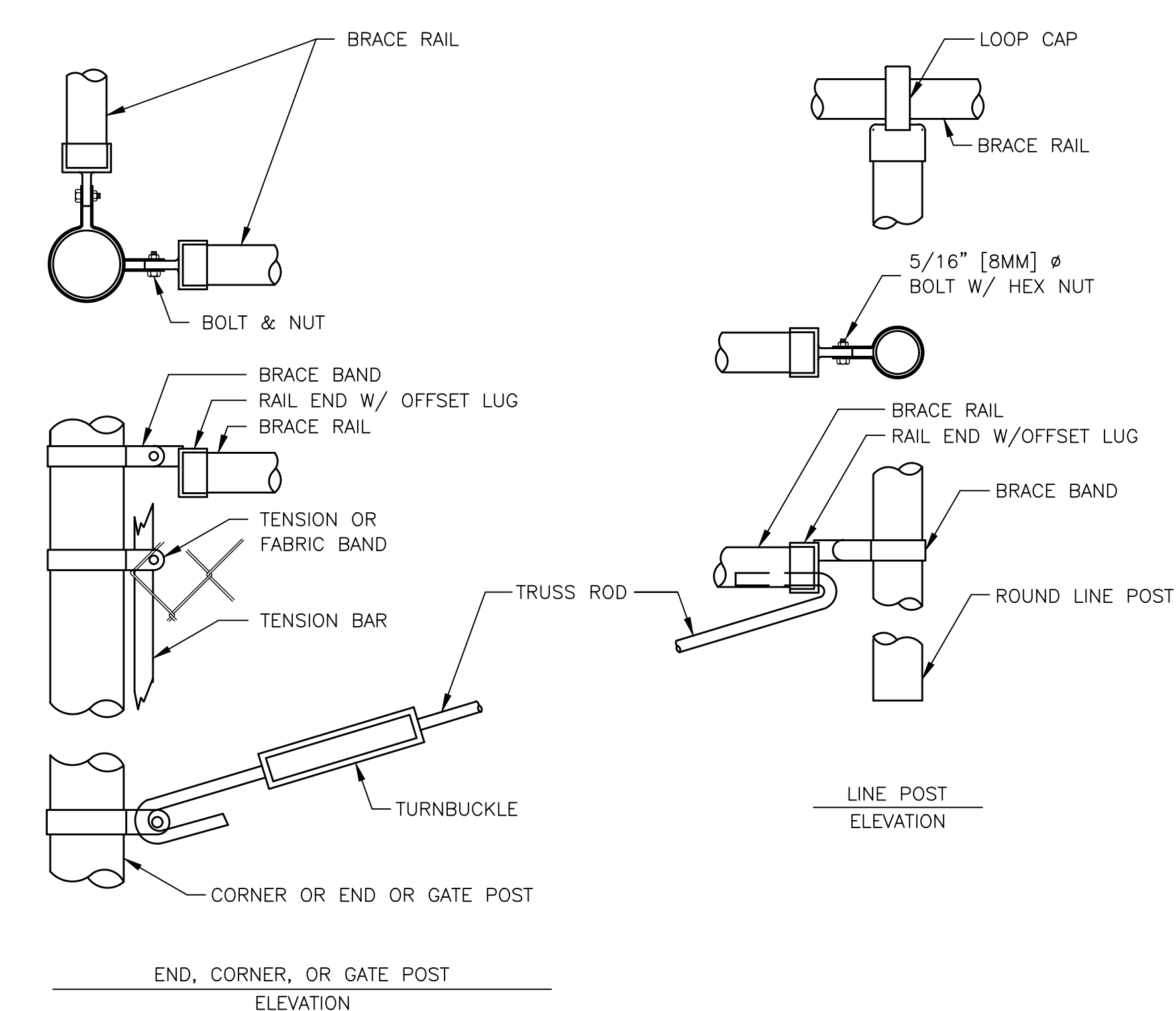


6 30" RCP BEDDING AND BACKFILL
C4.1 NIS

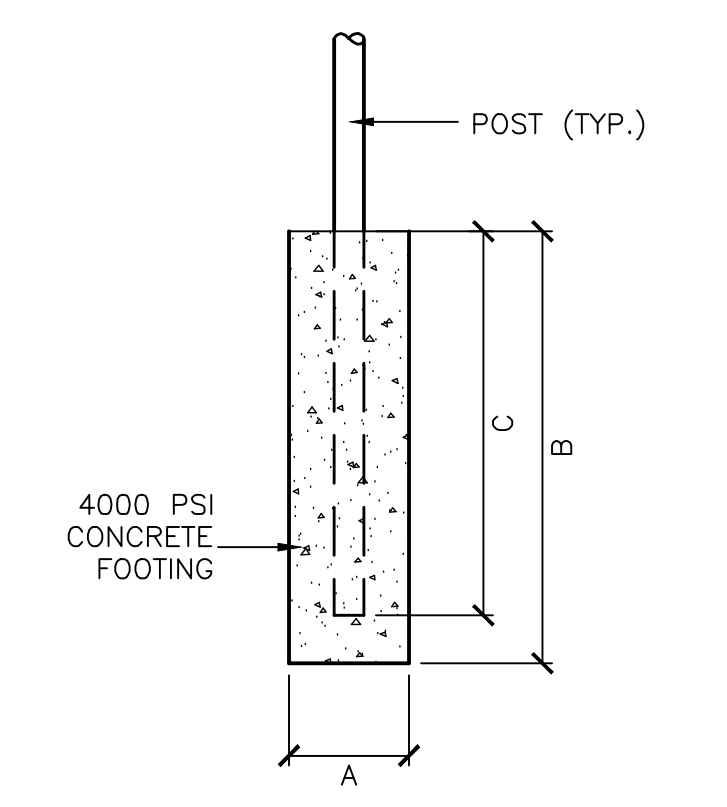


FENCE HEIGHT	END & CORNER POSTS		LINE POSTS	
	NOMINAL HEIGHT	END & CORNER POSTS	NOMINAL HEIGHT	LINE POSTS
4'-0"	7'-0"	4'-0 5/8"	6'-8"	3'-8 7/8"

7 TYPICAL CHAIN LINK FENCE
C4.1 NIS



8 TYPICAL FENCE DETAILS
C4.1 NIS



FABRIC HEIGHT	POST TYPE	DIAM A	DEPTH B	DEPTH C
4'-0"	LINE	10"	27"	24"
4'-0"	TERMINAL	12"	27"	24"
4'-0"	GATE	16"	33"	30"
6'-0"	LINE	12"	39"	36"
6'-0"	TERMINAL	15"	39"	36"
6'-0"	GATE	18"	43"	40"
8'-0"	LINE	12"	43"	40"
8'-0"	TERMINAL	15"	43"	40"
8'-0"	GATE	18"	47"	44"

9 TYPICAL FENCE POST FOOTING DETAIL
C4.1 NIS

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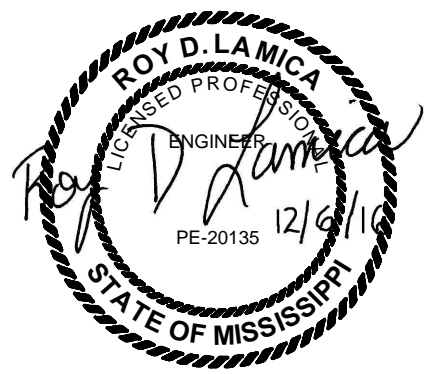
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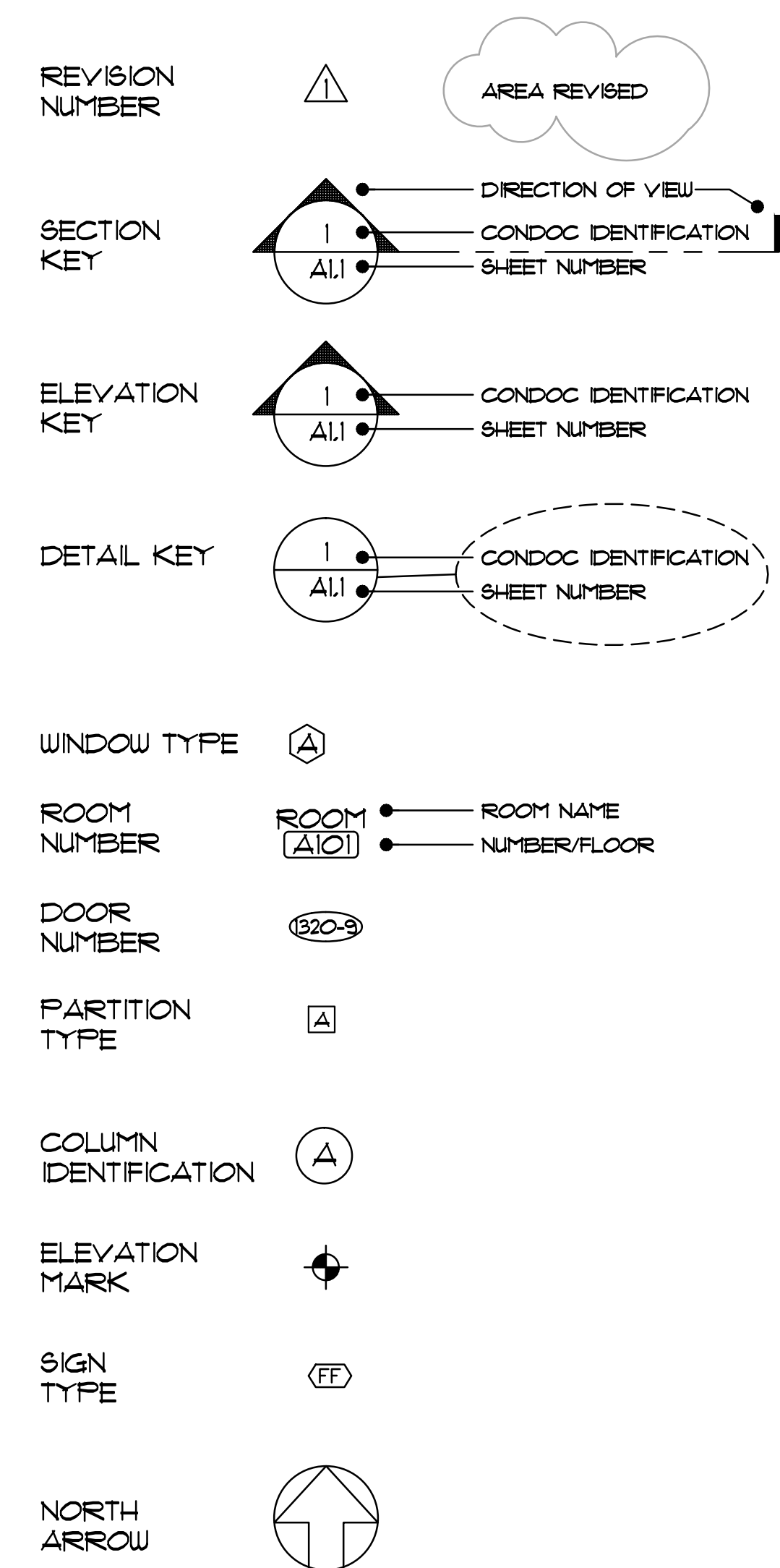
DETAILS

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LEWISBURG PRIMARY
C4.1

ARCH. SYMBOLS



CONDOC IDENTIFICATION

ID #	DWG. TITLE
FILENAME	SCALE

ABBREVIATIONS

A.F.F.	ABOVE FINISH FLOOR	JT	JOINT
ALUM.	ALUMINUM	MECH.	MECHANICAL
BD.	BOARD	M.O.	MASONRY OPENING
BLDG.	BUILDING	MTL.	METAL
B/N	BETWEEN	NC	NOT IN CONTRACT
BR.	BRICK	NO.	NUMBER
CLG.	CEILING	NTS	NOT TO SCALE
C	CENTER LINE	O.C.	ON CENTER
CONC.	CONCRETE	O.D.	OUTSIDE DIAMETER
CONT.	CONTINUOUS	O.H.	OPPOSITE HAND
CRS.	COURSES	OPP.	OPPOSITE
DBL.	DOUBLE	OSB	ORIENTED STRAND BOARD
DTLS.	DETAILS	O.F.O.I.	OWNER FURNISHED OWNER INSTALLED
DUGS.	DRAWINGS	O.F.C.I.	OWNER FURNISHED CONTRACTOR INSTALLED
EF	EXHAUST FAN	FLYWD.	FLYWOOD
EJ	EXPANSION JOINT	POLYETH.	POLYETHYLENE
ELEC.	ELECTRICAL	R45'-0"	RADIUS OF 45'-0"
EXP.	EXPANSION	RAD.	RADIUS
F.E.C.	FIRE EXTINGUISHER 4 CABINET	RTU	ROOF TOP UNIT
F.E.	FIRE EXTINGUISHER ON WALL BRACKET	SCHED.	SCHEDULE
F.F.E.	FINISH FLOOR ELEVATION	SIM. TO	SIMILAR TO
FLR.	FLOOR	S.S.	STAINLESS STEEL
FTG.	FOOTING	STL.	STEEL
GA.	GAUGE	STRUCT.	STRUCTURAL
GB	GYP-SUM BOARD	TN	TRUE NORTH
GL.	GLASS	T.O.S.	TOP OF STEEL
HD. HT.	HEAD HEIGHT	TYP.	TYPICAL
HM	HOLLOW METAL	U.O.N.	UNLESS OTHERWISE NOTED
HORIZ.	HORIZONTAL	VEND.	VENDING
INSUL.	INSULATION	VERT.	VERTICAL
		WD	WOOD
		WINDW.	WINDOW
		W	WITH

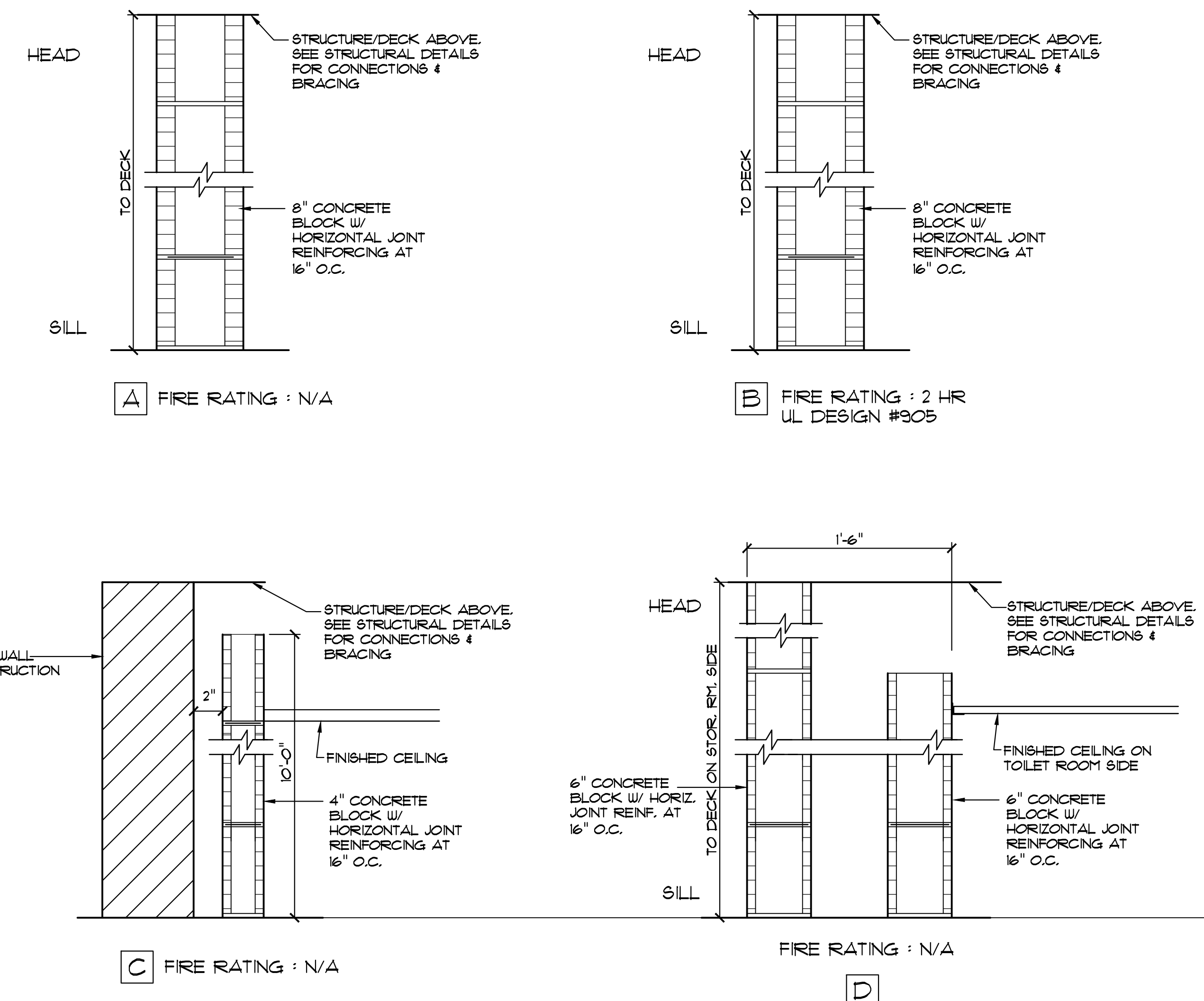
GENERAL NOTES

- PROVIDE TRANSITION BETWEEN NEW AND EXISTING WORK. PATCH AND RESTORE CONSTRUCTION AT TRANSITION AREAS DAMAGED BY CONSTRUCTION/DEMOLITION WITH MATERIALS OF TYPE AND QUALITY EQUAL TO ADJACENT FINISHES.
- PROTECT THE PUBLIC AT ALL TIMES FROM POTENTIAL CONSTRUCTION HAZARDS. SECURE AND CONTROL ACCESS TO WORK AREAS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A WEATHER TIGHT AND SECURE BUILDING AT ALL TIMES.
- THE CONTRACTOR SHALL VISIT THE SITE AND THOROUGHLY EXAMINE AND BECOME FAMILIAR WITH EXISTING CONDITIONS INCLUDING DELIVERY AND REMOVAL OF MATERIALS TO AND FROM THE SITE.
- THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS NECESSARY FOR THE PROPER EXECUTION OF THE WORK.
- FIELD DIMENSIONS AND DIMENSIONAL COORDINATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. REVIEW FIELD CONDITIONS THAT DIFFER FROM CONTRACT DOCUMENTS WITH ARCHITECT PRIOR TO PROCEEDING WITH WORK.
- SECTIONS AND DETAILS APPLY TO ALL SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
- MATERIALS REFERRED TO ON DRAWINGS AND DETAILS ARE NEW UNLESS NOTED AS EXISTING. WHERE WORK IS DESCRIBED AS "NEW" OR "REPLACEMENT" THE CONTRACTOR SHALL REMOVE AND LEGALLY DISPOSE OF EXISTING MATERIAL.
- RESTORE ALL DAMAGE TO BUILDING OR SITE CAUSED DURING CONSTRUCTION TO ITS CONDITION PRIOR TO THE START OF CONSTRUCTION.
- CONTROL NOISE, CONTAIN ALL DUST AND LEGALLY DISPOSE OF ALL CONSTRUCTION DEBRIS AND MATERIAL REMOVED THAT IS NOT SALVAGED, CONFORM TO ALL CITY CONSTRUCTION REQUIREMENTS.
- WHILE THE DRAWINGS ARE GENERALLY PRODUCED AT CONVENTIONAL SCALES, WRITTEN DIMENSIONS SUPERCEDE SCALE. DIMENSIONS GIVEN ARE APPROXIMATE AND DO NOT RELIEVE CONTRACTOR FROM MEASURING ACTUAL CONDITIONS IN THE FIELD PRIOR TO PRODUCTION OR ORDERING OF MATERIALS.

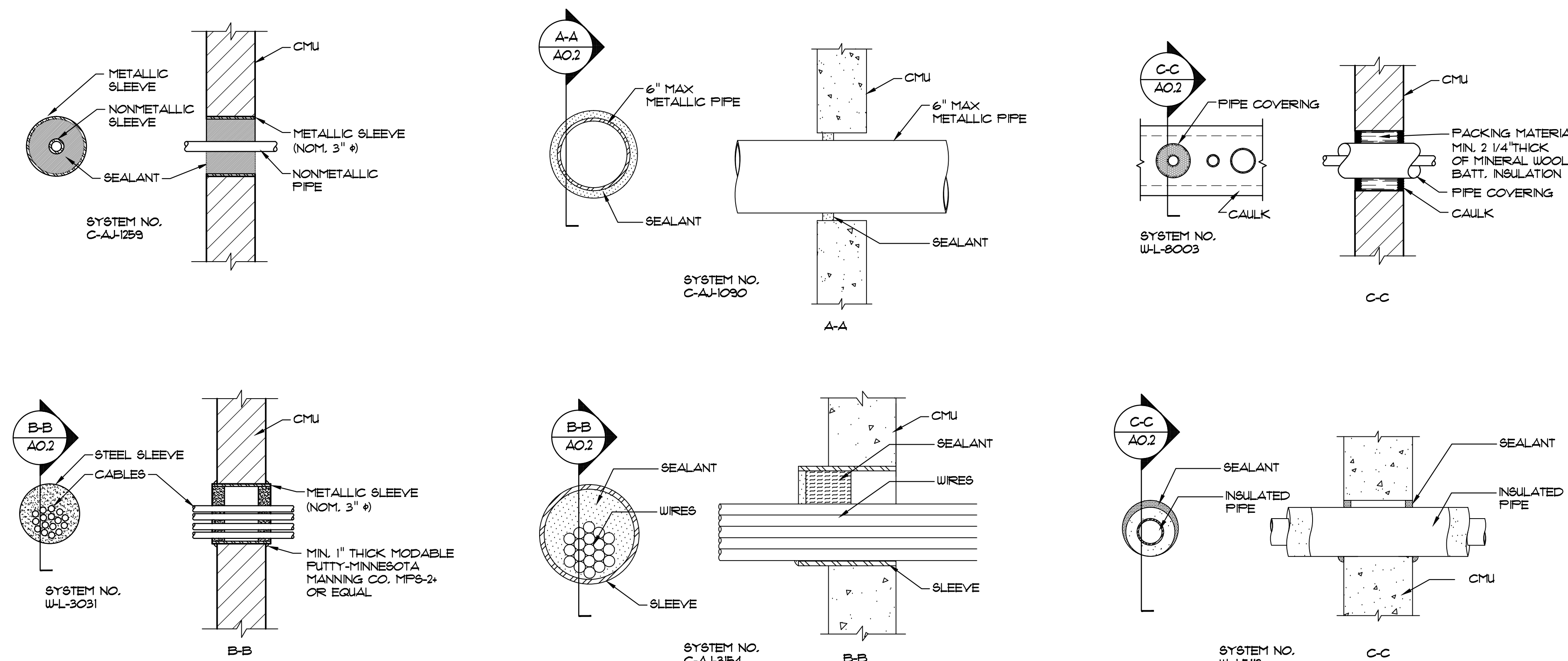
PHASING/SCHEDULING NOTES

- ALL WORK SHALL BE COORDINATED WITH PRINCIPAL AND DESOTO COUNTY SCHOOLS.
- WORK HOURS AND WEEKENDS WILL BE NOT BE RESTRICTED.
- PHASING PLAN SHALL ALSO IDENTIFY STAGING AREA, SECURITY, AND SITE ACCESS FOR OWNER REVIEW.

WALL TYPES



PENETRATIONS



NOTE! ALL PENETRATIONS THROUGH HORIZONTAL ASSEMBLIES, RATED OR NOT, SHALL HAVE THE ANNULAR SPACE FILLED WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME AND THE PRODUCTS OF COMBUSTION.

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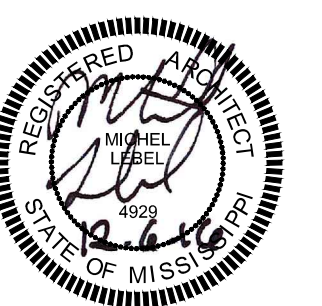
CLASSROOM ADDITION TO LEWISBURG PRIMARY SCHOOL

1707 Craft Road
Olive Branch, MS 38654

Desoto County School District
5 East South Street, Hernando, Mississippi 38632

WALL TYPES, ABBREVIATIONS, ARCHITECTURAL SYMBOLS, AND PENETRATIONS

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LEWISBURG PRIMARY

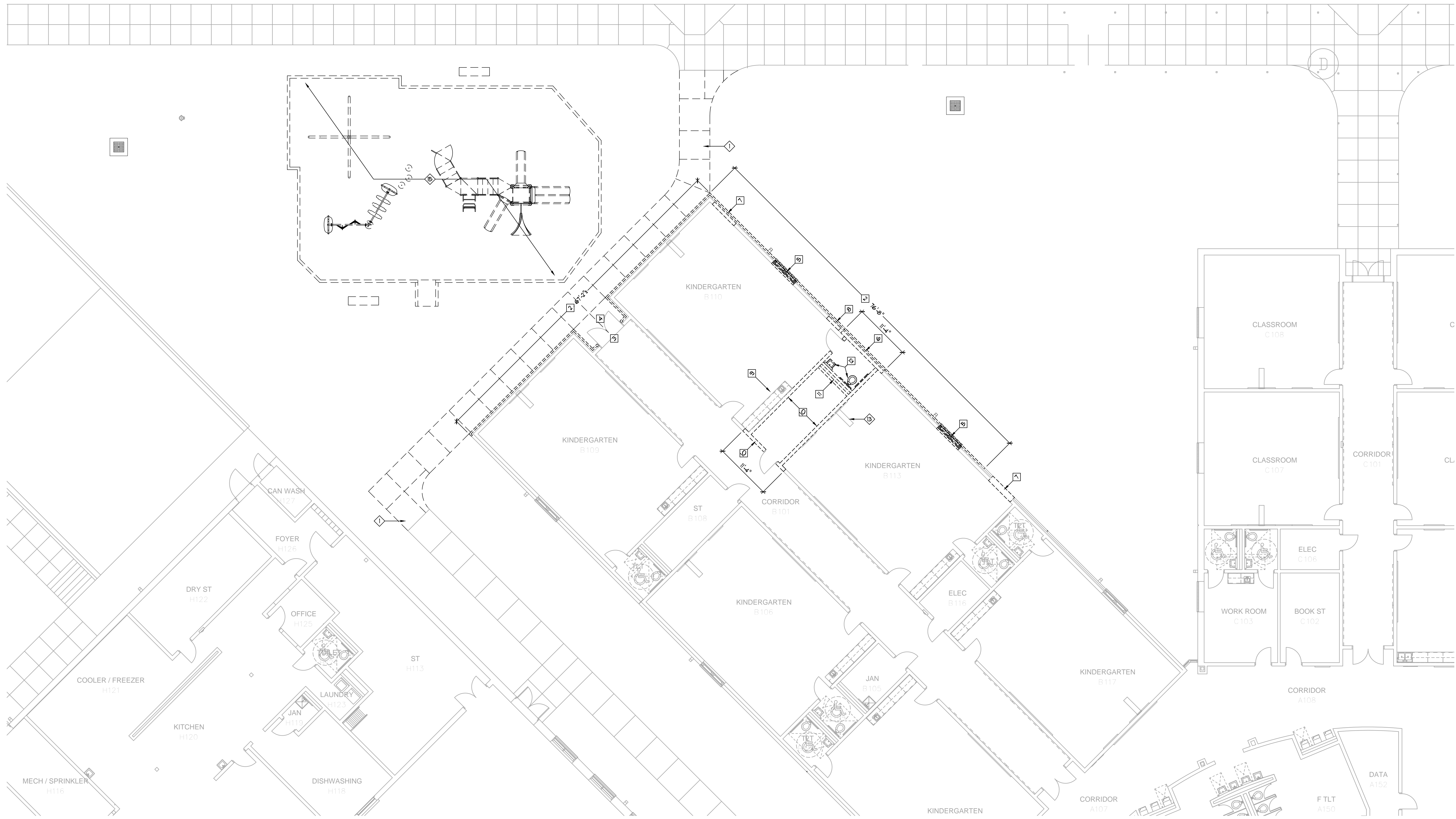
A0.1

DEMOLITION KEYNOTES:

1. REMOVE PORTIONS OF EXISTING CONCRETE SIDEWALK AS REQUIRED AND AS SHOWN TO ACCOMPLISH NEW CONSTRUCTION. BEGIN DEMO AT EXISTING EXPANSION JOINT OR SAWCUT SIDEWALK. SEE CIVIL DRAWINGS.
2. REMOVE EXISTING BRICK VENEER (FULL HEIGHT) & RIGID INSULATION FROM BLOCK WALL. CUT BRICK TIES FLUSH WITH WALL. SAW CUT BRICK AT VERTICAL MORTAR JOINT AT END OF SECTION OF BRICK BEING REMOVED.
3. REMOVE EXISTING DOOR FRAME AND THRESHOLD AND PREP EXISTING OPENING TO RECEIVE NEW DUAL EGRESS DOOR FRAME.
4. REMOVE EXISTING METAL SOFFIT AND METAL FRAMING ABOVE.
5. REMOVE EXISTING ALUM. WINDOW.
6. REMOVE PORTION OF EXISTING BRICK & BLOCK WALL TO PROVIDE NEW OPENING. SEE STRUCTURAL DRAWING FOR LINTEL REINFORCEMENT.
7. REMOVE PORTION OF EXISTING BRICK & BLOCK WALL TO PROVIDE NEW OPENING FOR NEW WINDOW. SEE STRUCTURAL DRAWING FOR LINTEL REINFORCEMENT.
8. REMOVE PORTION OF EXISTING BLOCK WALL TO PROVIDE NEW OPENING FOR NEW DOOR. SEE STRUCTURAL DRAWING FOR LINTEL REINFORCEMENT.
9. REMOVE EXISTING CASEWORK, COUNTERTOP AND SINK AND REINSTALL AS SHOWN ON SHEET A12.
10. REMOVE EXISTING 8" CMU WALL FULL HEIGHT. SEE STRUCTURAL DRAWING FOR ROOF SUPPORT.
11. REMOVE EXISTING CMU CHASE WALLS FULL HEIGHT.
12. REMOVE EXISTING PLUMBING FIXTURES. SEE PLUMBING DRAWINGS.
13. REMOVE EXISTING SMART BOARD AND ASSOCIATED ITEMS AND STORE AND PROTECT THEM FOR REINSTALLATION AT NEW WALL LOCATION.
14. REMOVE EXISTING SQUIPPER LEADER HEAD, DOWNPOUT, AND BOOT. SEE ROOFING DRAWINGS. SEE CIVIL DRAWINGS FOR UNDERGROUND SEWER PIPING DEMO & RENOVATIONS.
15. REMOVE EXISTING PLAYGROUND. STORE ALL BORDER PIECES AND PLAY EQUIPMENT FOR REINSTALLATION IN NEW LOCATION ACROSS THE DRIVE ADJACENT TO THE ELEMENTARY SCHOOL PLAYGROUND. - SEE CIVIL DWGS.

GENERAL DEMOLITION NOTES:

1. WHERE BRICK VENEER IS REMOVED TO EXPOSE CONCRETE BLOCK WALL, REMOVE MATERIALS ON BLOCK WALL AND CUT ALL BRICK TIES FLUSH WITH BLOCK FACE. PREPARE WALL TO RECEIVE NEW 1/2" HI-IMPACT DRYWALL LAMINATED TO EXISTING CMU.
2. SEE CIVIL DRAWINGS FOR SITE DEMOLITION.
3. CONTRACTOR SHALL REMOVE AND REINSTALL EXISTING CEILING TILE AND GRID AS NECESSARY TO FACILITATE NEW AND DEMO WORK. ANY EXISTING MATERIALS DAMAGED DURING THE WORK SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
4. PATCH PAINT AND FILL TO MATCH EXISTING WALLS, CEILINGS, AND FLOORS WHERE DAMAGED BY THE REMOVAL OF EXISTING MECHANICAL, ELECTRICAL, AND PLUMBING EQUIPMENT AND LINES. CONTRACTOR TO PROVIDE WALL TOUCH-UP PAINT TO ALL AREAS WHERE MECHANICAL, ELECTRICAL, AND PLUMBING EQUIPMENT AND LINES/CONDUITS ARE REMOVED. LARGER AREAS ARE IDENTIFIED ON PLANS BUT SMALLER AREAS ARE NOT.
5. PROVIDE TRANSITION BETWEEN NEW AND EXISTING WORK. PATCH AND RESTORE CONSTRUCTION AT TRANSITION AREAS DAMAGED BY CONSTRUCTION/DEMOLITION WITH MATERIALS OF TYPE AND QUALITY EQUAL TO ADJACENT FINISHES.
6. PROVIDE TRANSITION BETWEEN NEW AND EXISTING WORK. PATCH AND RESTORE CONSTRUCTION AT TRANSITION AREAS DAMAGED BY CONSTRUCTION/DEMOLITION WITH MATERIALS OF TYPE AND QUALITY EQUAL TO ADJACENT FINISHES.
7. PROTECT THE PUBLIC AT ALL TIMES FROM POTENTIAL CONSTRUCTION HAZARDS. SECURE AND CONTROL ACCESS TO WORK AREAS.
8. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS NECESSARY FOR THE PROPER EXECUTION OF THE WORK.
9. RESTORE ALL DAMAGE TO BUILDING OR SITE CAUSED DURING CONSTRUCTION TO ITS CONDITION PRIOR TO THE START OF CONSTRUCTION.
10. CONTROL NOISE. CONTAIN ALL DUST AND LEGALLY DISPOSE OF ALL CONSTRUCTION DEBRIS AND MATERIAL REMOVED THAT IS NOT SALVAGED, CONFORM TO ALL CITY CONSTRUCTION REQUIREMENTS.
11. WHILE THE DRAWINGS ARE GENERALLY PRODUCED AT CONVENTIONAL SCALES, WRITTEN DIMENSIONS SUPERCEDE SCALE. DIMENSIONS GIVEN ARE APPROXIMATE AND DO NOT RELIEVE CONTRACTOR FROM MEASURING ACTUAL CONDITIONS IN THE FIELD FOR BIDDING PURPOSES.
12. ALL EXISTING INTERIOR AND EXTERIOR WALLS OF THE EXISTING SCHOOL ARE MASONRY. ASSUME ALL INTERIOR MASONRY WALLS GO TO DECK. TYPICAL CEILING HEIGHT FOR CLASSROOMS IS 9'-0" - 10'-0".



A1 DEMOLITION FLOOR PLAN

1/8" = 1'-0"

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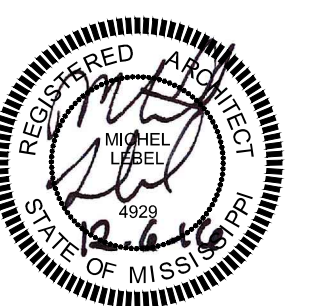
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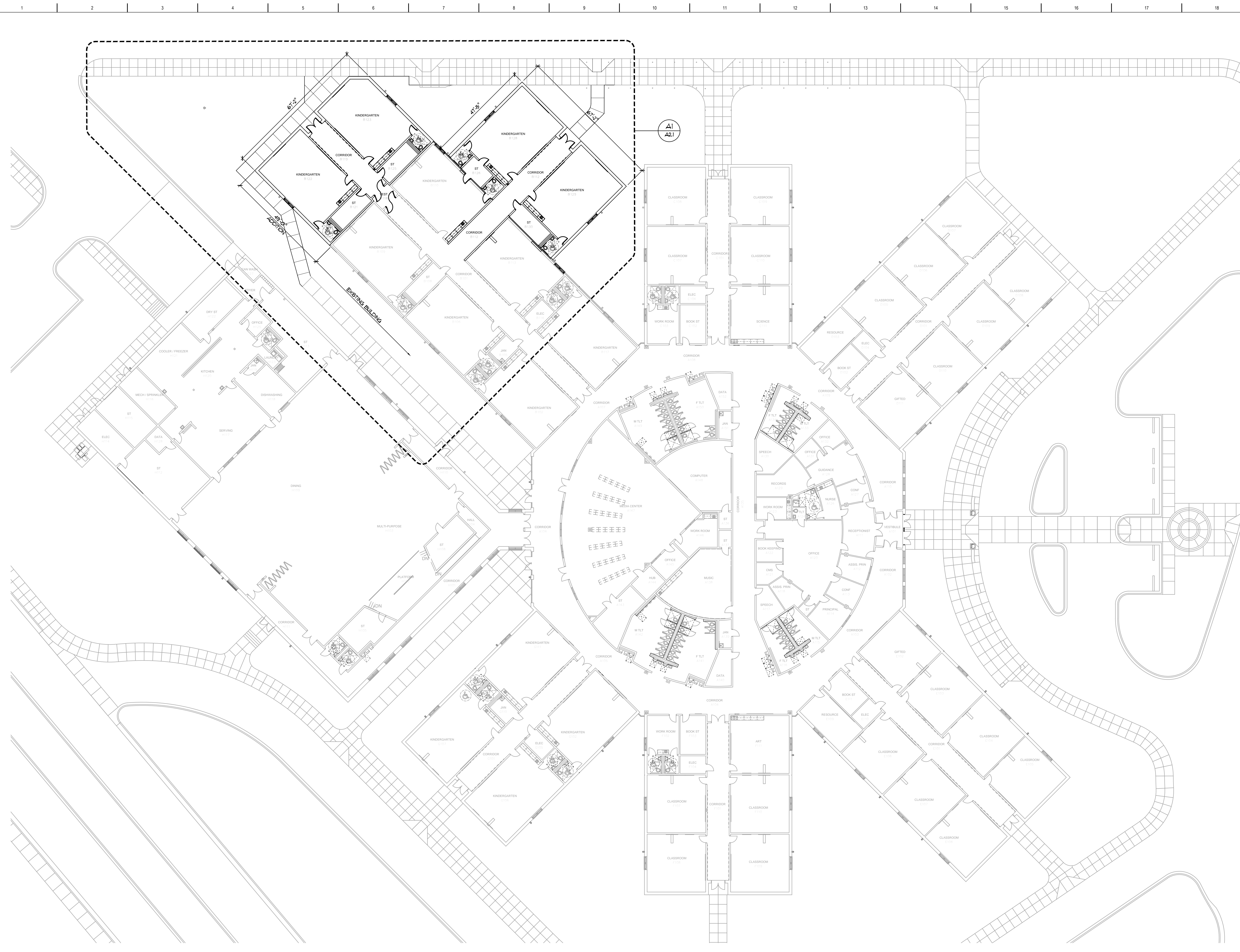
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DEMO FLOOR PLAN

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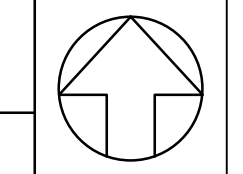
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COMPOSITE FLOOR PLAN

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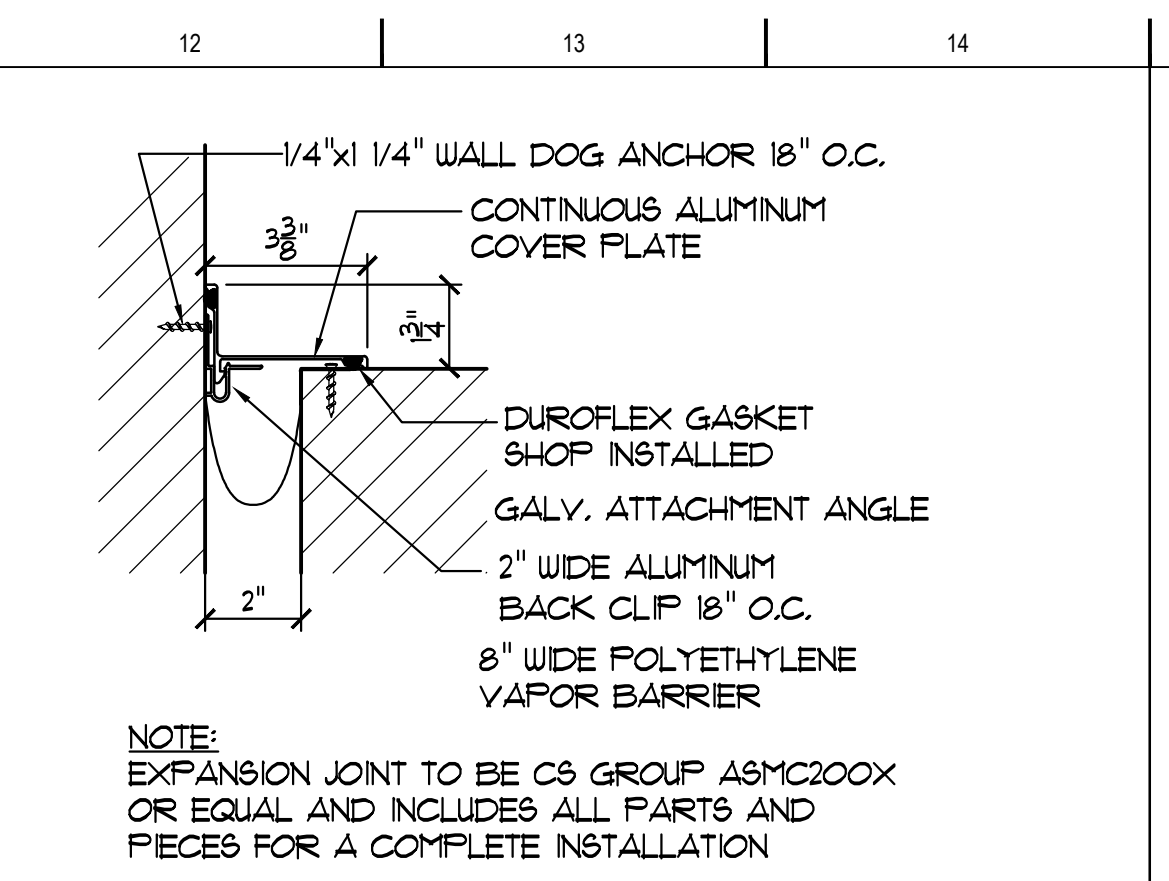
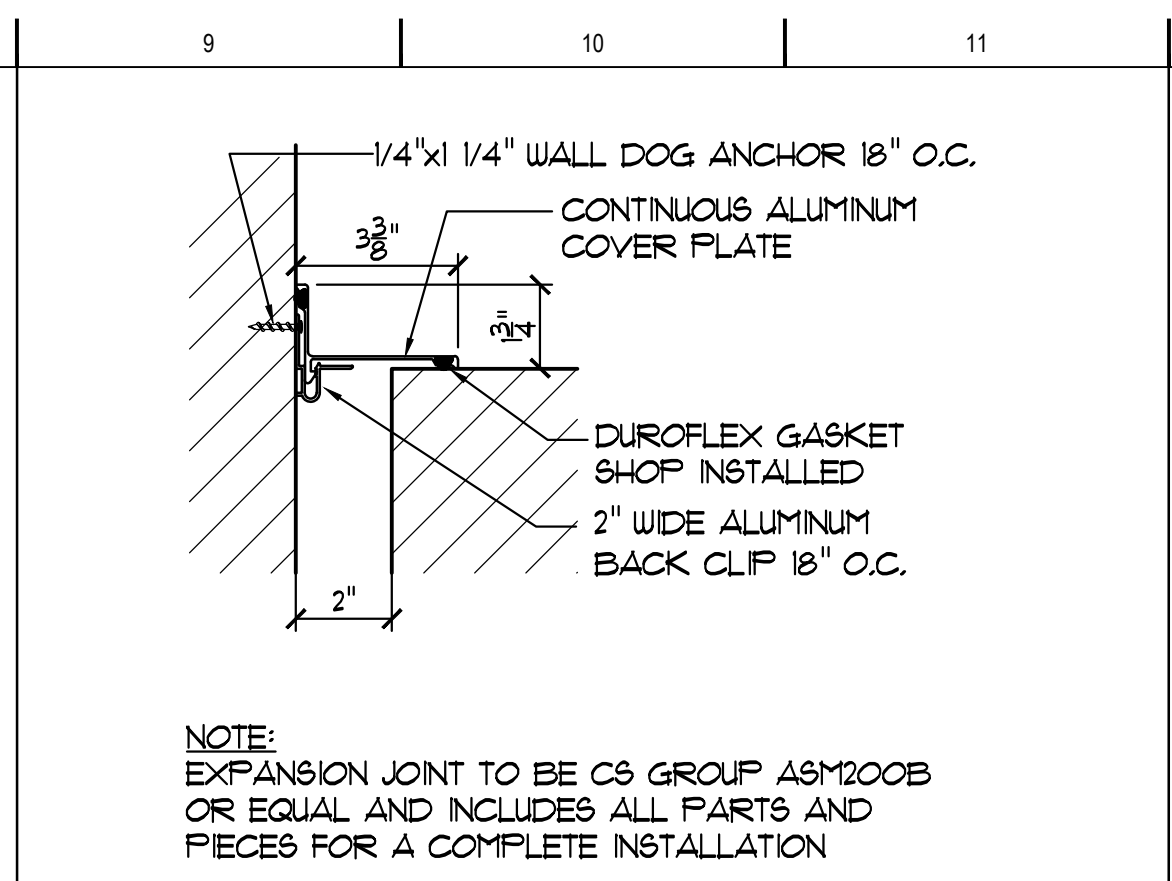
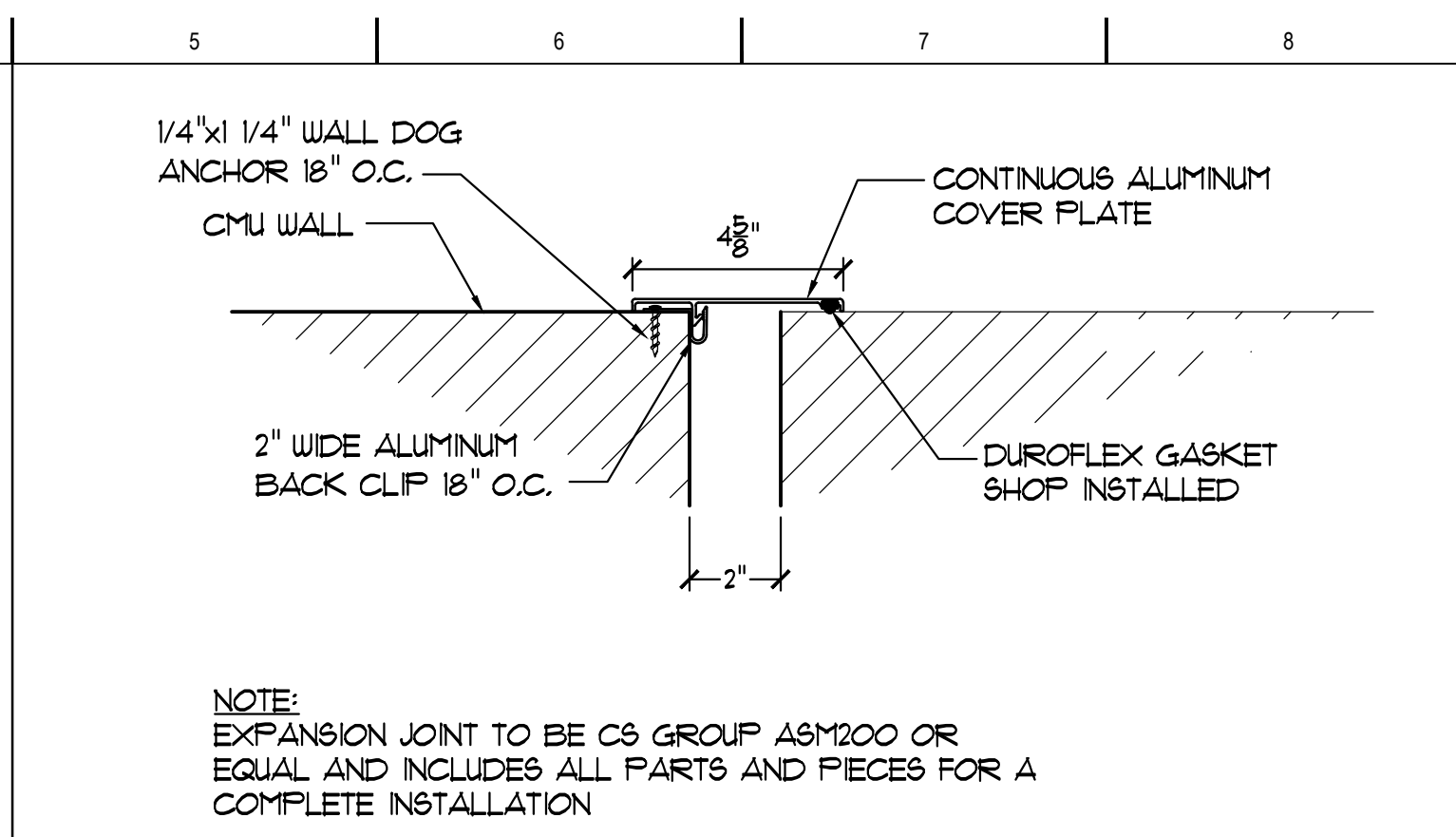
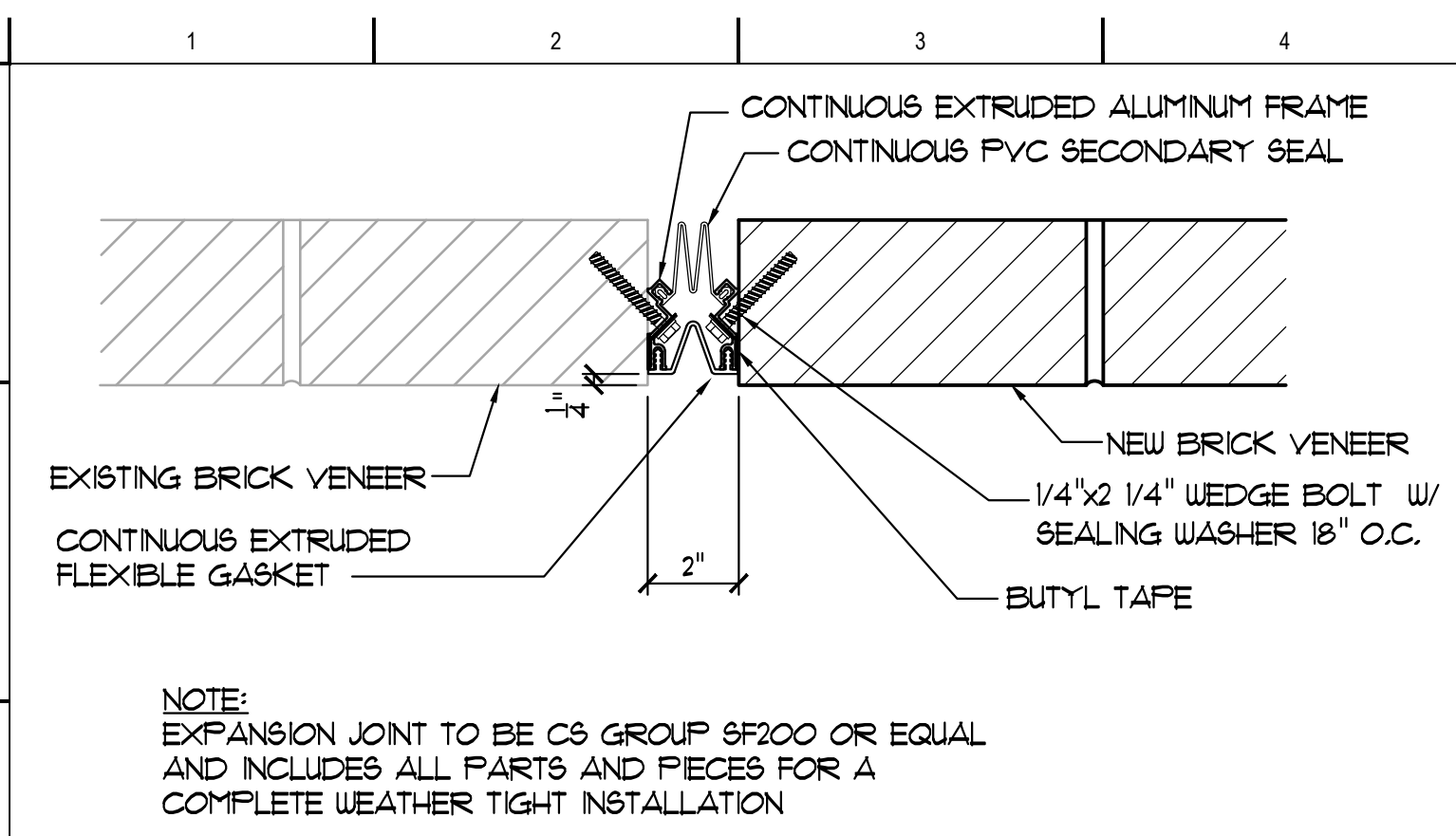


A1 **COMPOSITE FLOOR PLAN**
1/16" = 1'-0"

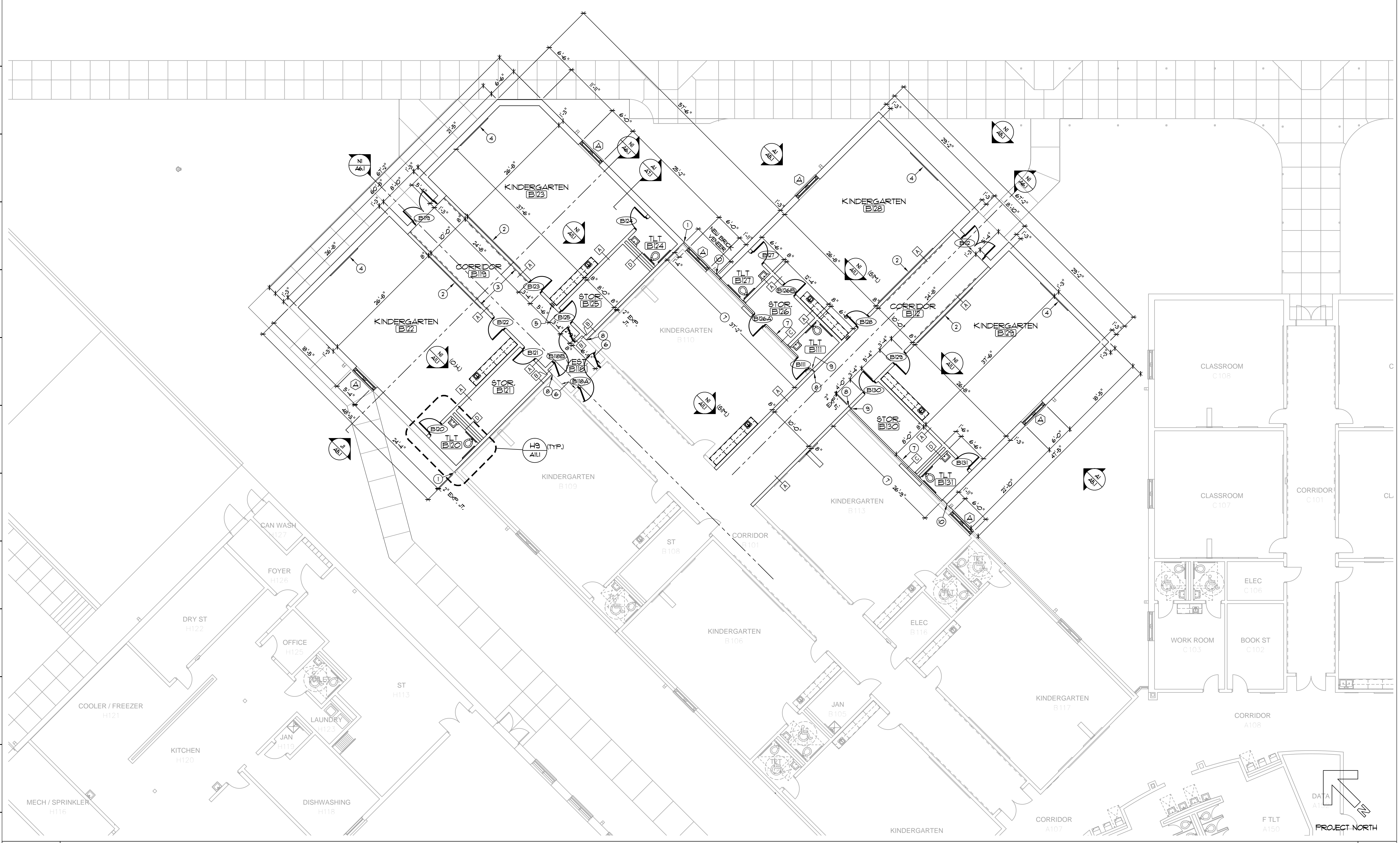


FLOOR PLAN NOTES

- ① EXPANSION JOINT. SEE DETAIL P1/A2.1
- ② NEW 16'-0" x 4'-0" WHITE BOARD AND PROJECTOR. COORDINATE EXACT LOCATION W/ ARCHITCT 4 OWNER
- ③ NEW 24" MAP RAIL, MOUNTED AT 7'-4" A.F.F.
- ④ NEW 4' x 8' TACK BOARD, COORDINATE EXACT LOCATION W/ ARCHITECT 4 OWNER
- ⑤ NEW FIRE EXTINGUISHER AND CABINET
- ⑥ NEW 1/2" HI-IMPACT DRYWALL LAMINATED TO EXISTING CMU WALL FROM FLOOR TO 6" ABOVE CEILING WHERE BRICK VENEER HAS BEEN REMOVED. FINISH AND PAINT.
- ⑦ NEW 4" CMU VENEER TO 9'-4" A.F.F. TO REPLACE BRICK VENEER REMOVED IN DEMO
- ⑧ EXPANSION JOINT. SEE DETAIL P8/A2.1
- ⑨ EXPANSION JOINT. SEE DETAIL P9/A2.1
- ⑩ EXPANSION JOINT. SEE DETAIL P12/A2.1



P1	EXTERIOR EXPANSION JOINT DETAIL	P5	INTERIOR EXPANSION JOINT DETAIL	P9	INTERIOR EXP. JT. DETAIL	P12	EXTERIOR EXP. JT. DETAIL
	3' = 1'-0"		3' = 1'-0"		3' = 1'-0"		3' = 1'-0"



A1 **ENLARGED FLOOR PLAN**
1/8" = 1'-0"

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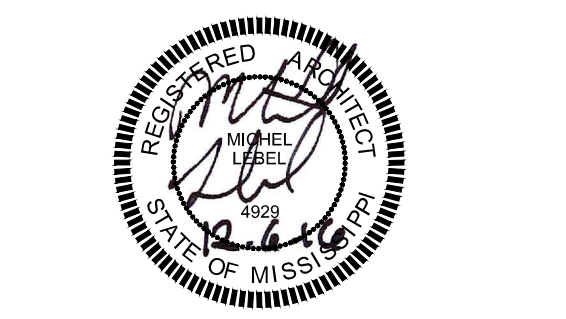
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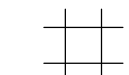

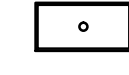
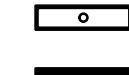



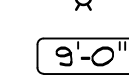


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ENLARGED FLOOR PLAN

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REFLECTED CEILING LEGEND

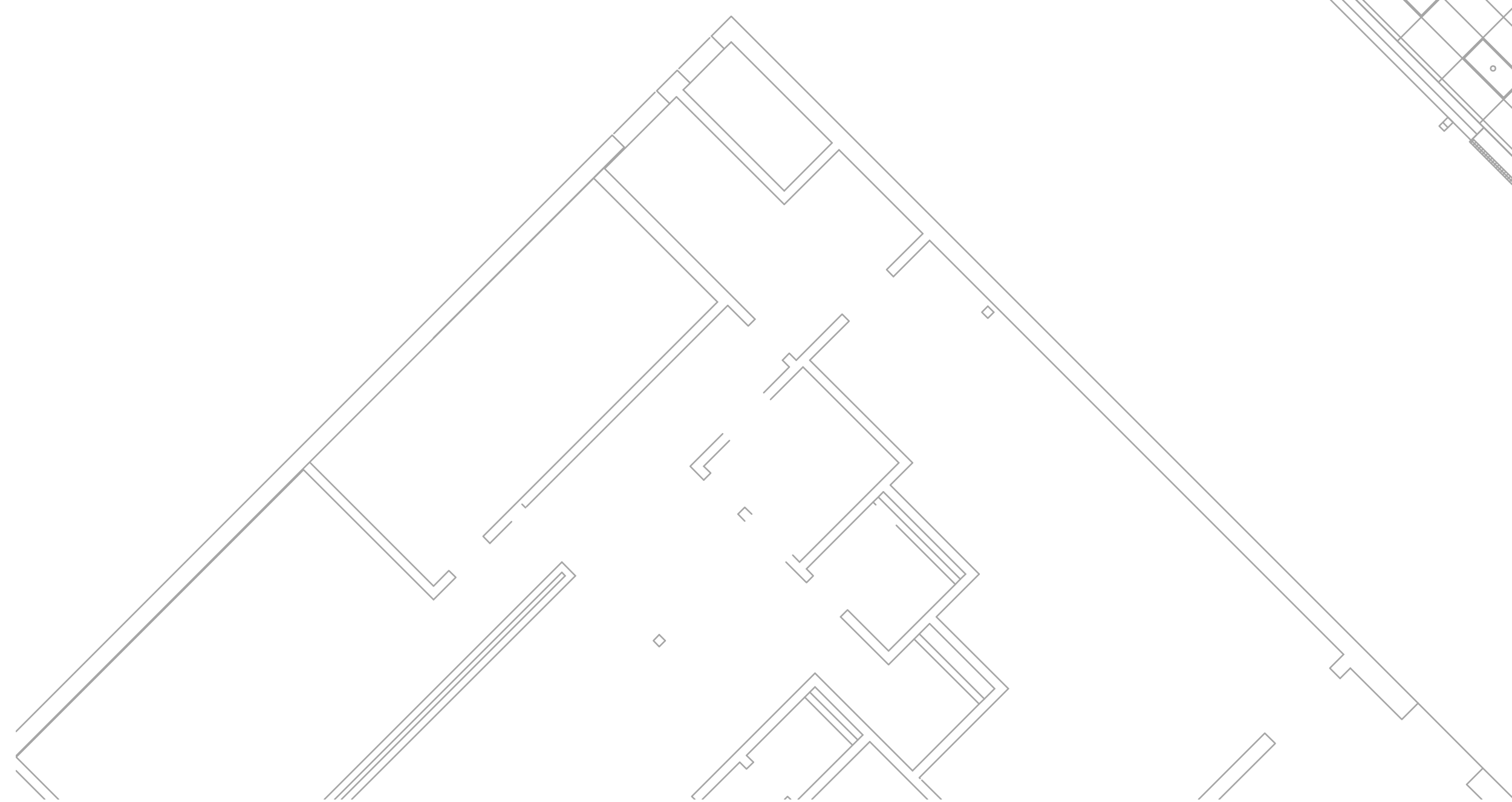
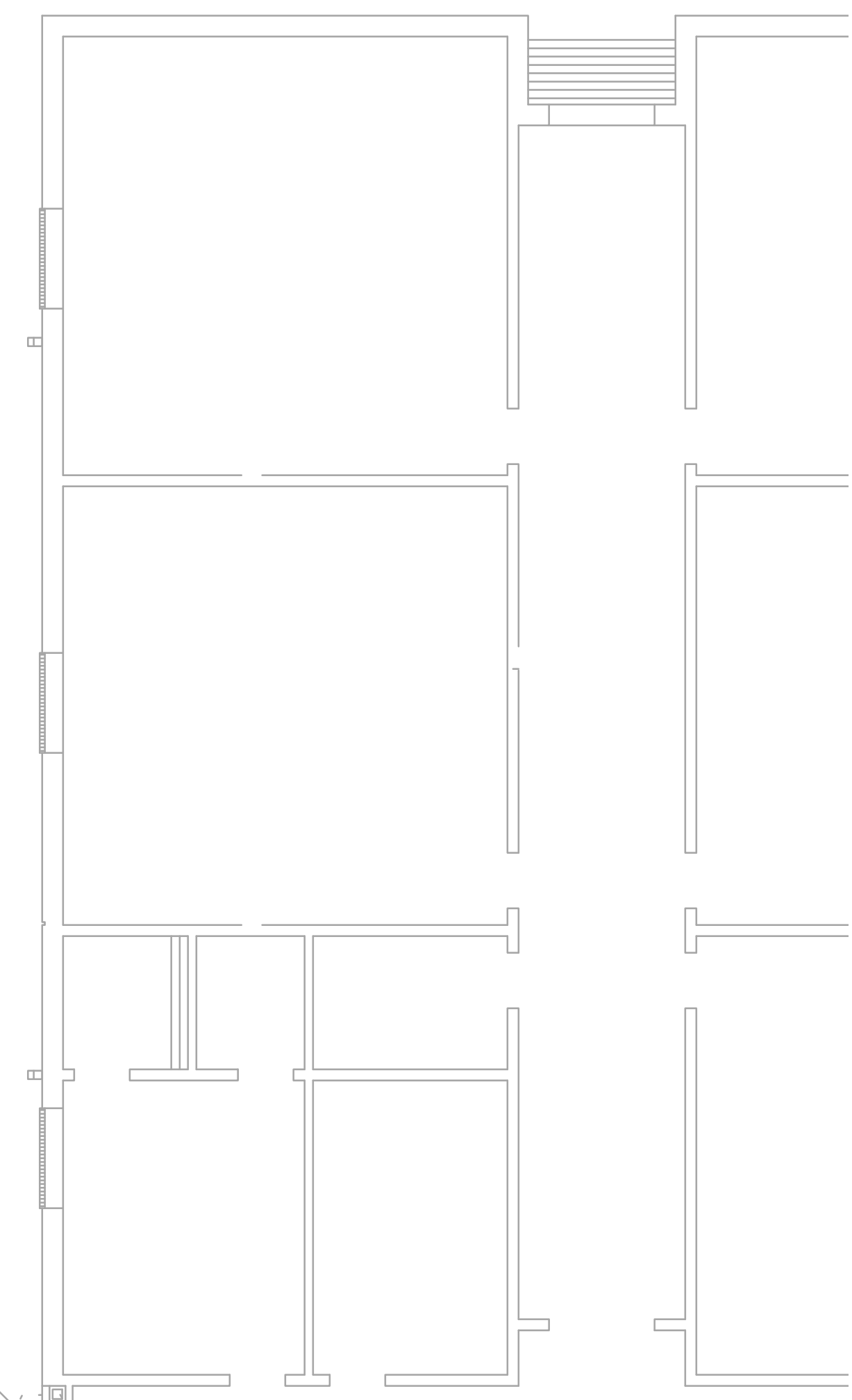
-  SUSPENDED ACOUSTICAL TILE CEILING SYSTEM
-  HVAC RETURN / SUPPLY GRILLE
-  LAY-IN / RECESSED 2'x4' FLUORESCENT LIGHT
-  LAY-IN / RECESSED 1'x4' FLUORESCENT LIGHT
-  SURFACE FLUORESCENT LIGHT STRIP
-  RECESSED CAN LIGHT
-  EXIT LIGHT, CEILING MOUNTED
-  AUTOMATIC SPRINKLER HEAD
-  SUSPENDED LIGHT (PENDANT OR CHANDLER)
-  NEW CEILING HEIGHT ABOVE FINISHED FLOOR

GENERAL NOTES FOR NEW CEILING WORK:

1. REFERENCE MECHANICAL DRAWINGS FOR MECHANICAL AIR DEVICES INCLUDING CEILING GRILLES AND DIFFUSERS.
2. REFERENCE ELECTRICAL DRAWINGS FOR LIGHTING

KEYNOTES (THESE NOTES APPLY TO THIS SHEET ONLY)

- ① SUSPENDED ACOUSTICAL TILE CEILING SYSTEM
- ② NO FINISHED CEILING, PAINT ALL EXPOSED STRUCTURE
- ③ METAL SOFFIT PANEL = MBCI 1" ARTISIAN



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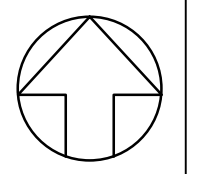
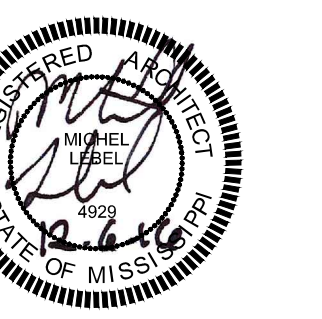
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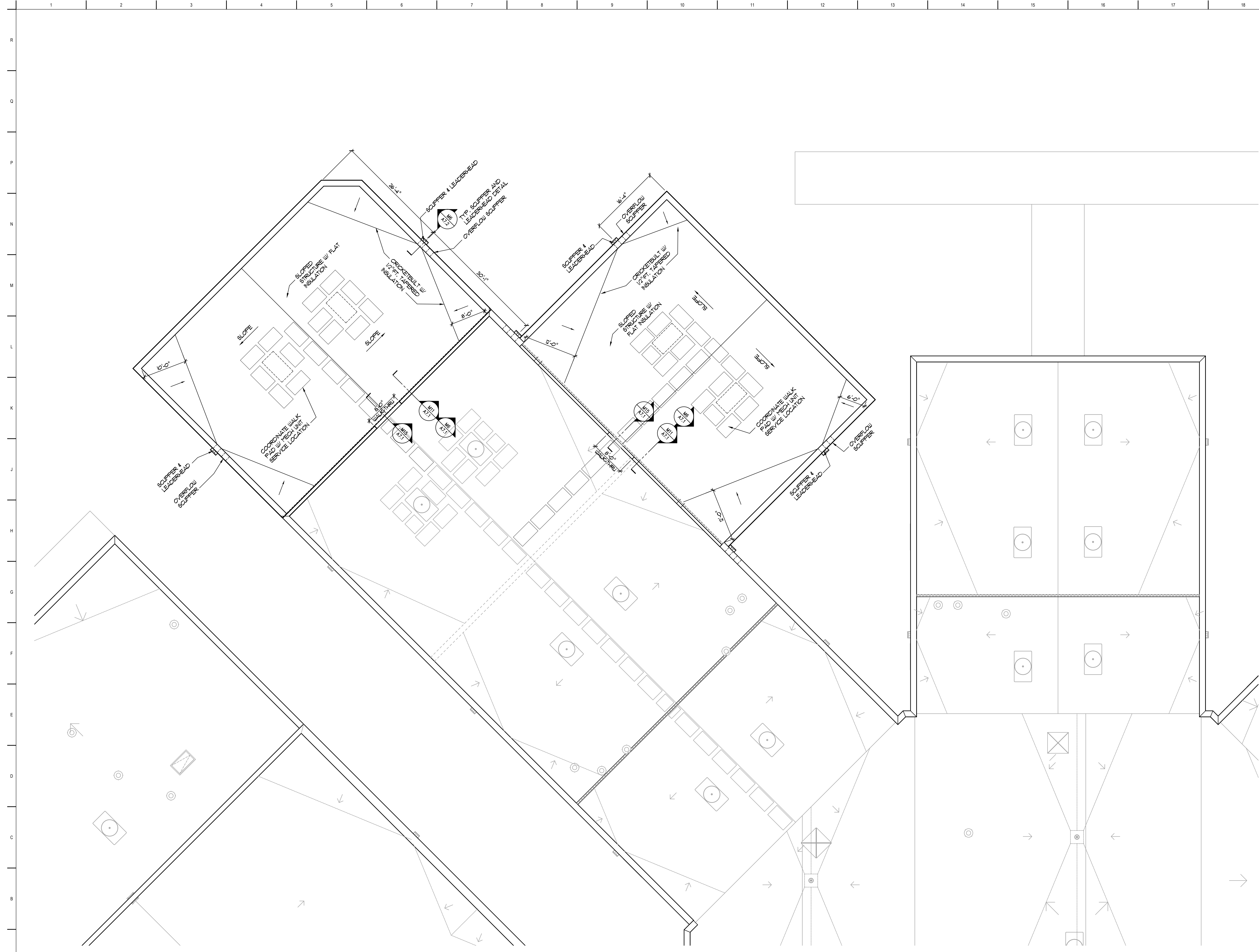
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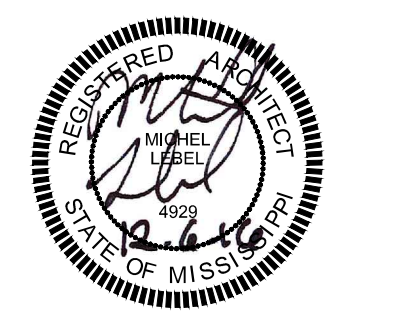
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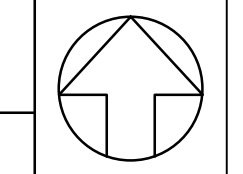
ROOF PLAN

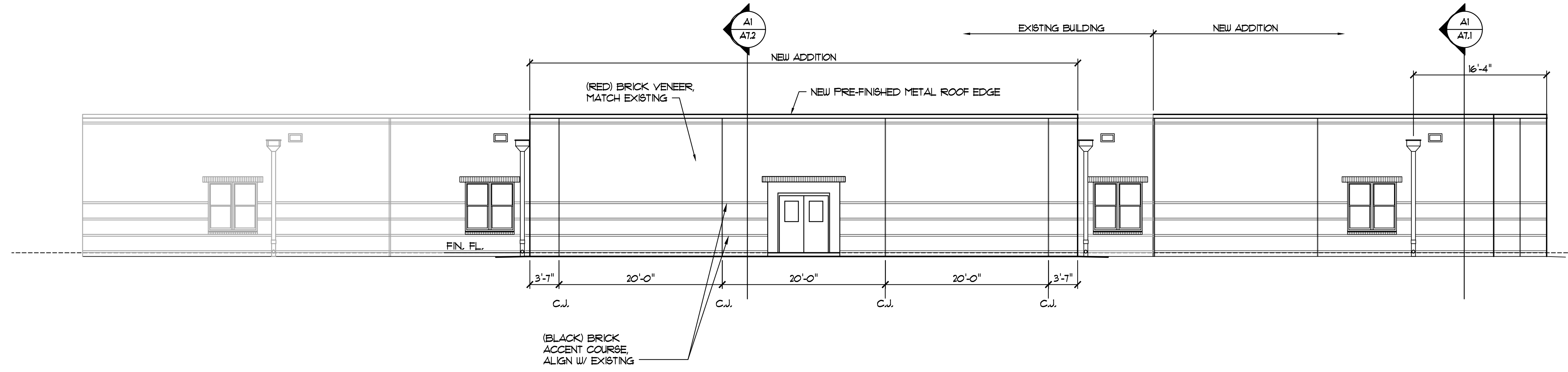
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A1 PARTIAL ROOF PLAN

1/8" = 1'-0"

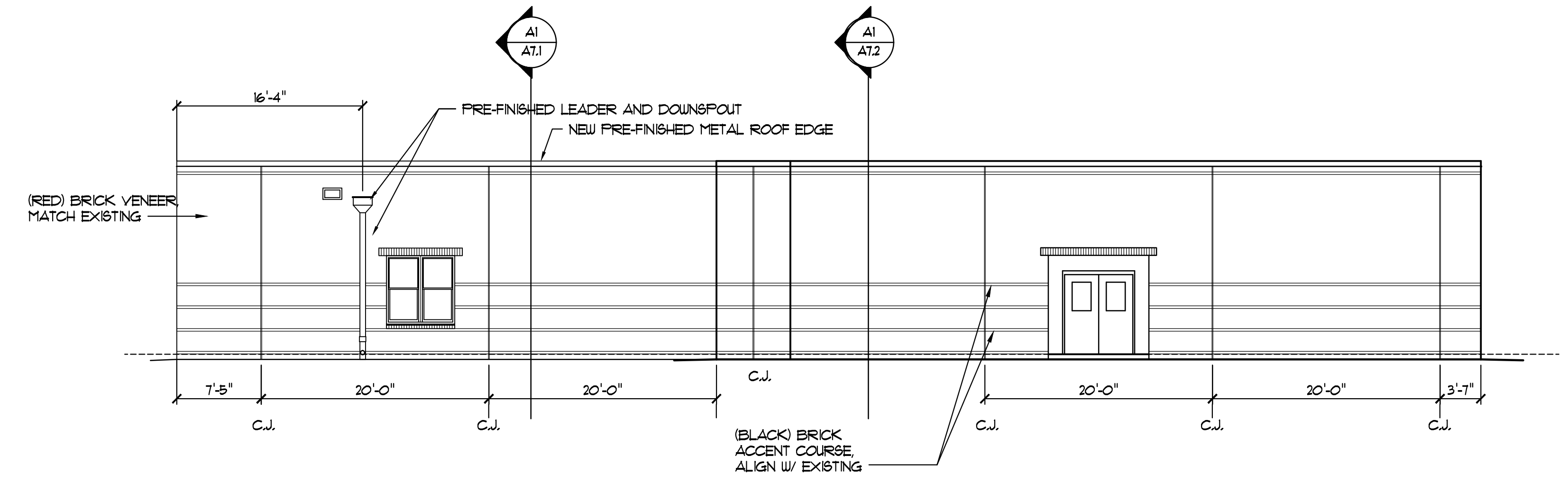




BRICK NOTE:
NEW BRICK IS TO MATCH EXISTING IN COLOR AND TEXTURE. FOR THE PURPOSE OF THIS DRAWING, THE FIELD BRICK COLOR WILL BE REFERRED TO AS RED BRICK AND THE ACCENT BRICK COLOR WILL BE REFERRED TO AS BLACK.

L1 PARTIAL BUILDING ELEVATION - EAST ELEVATION

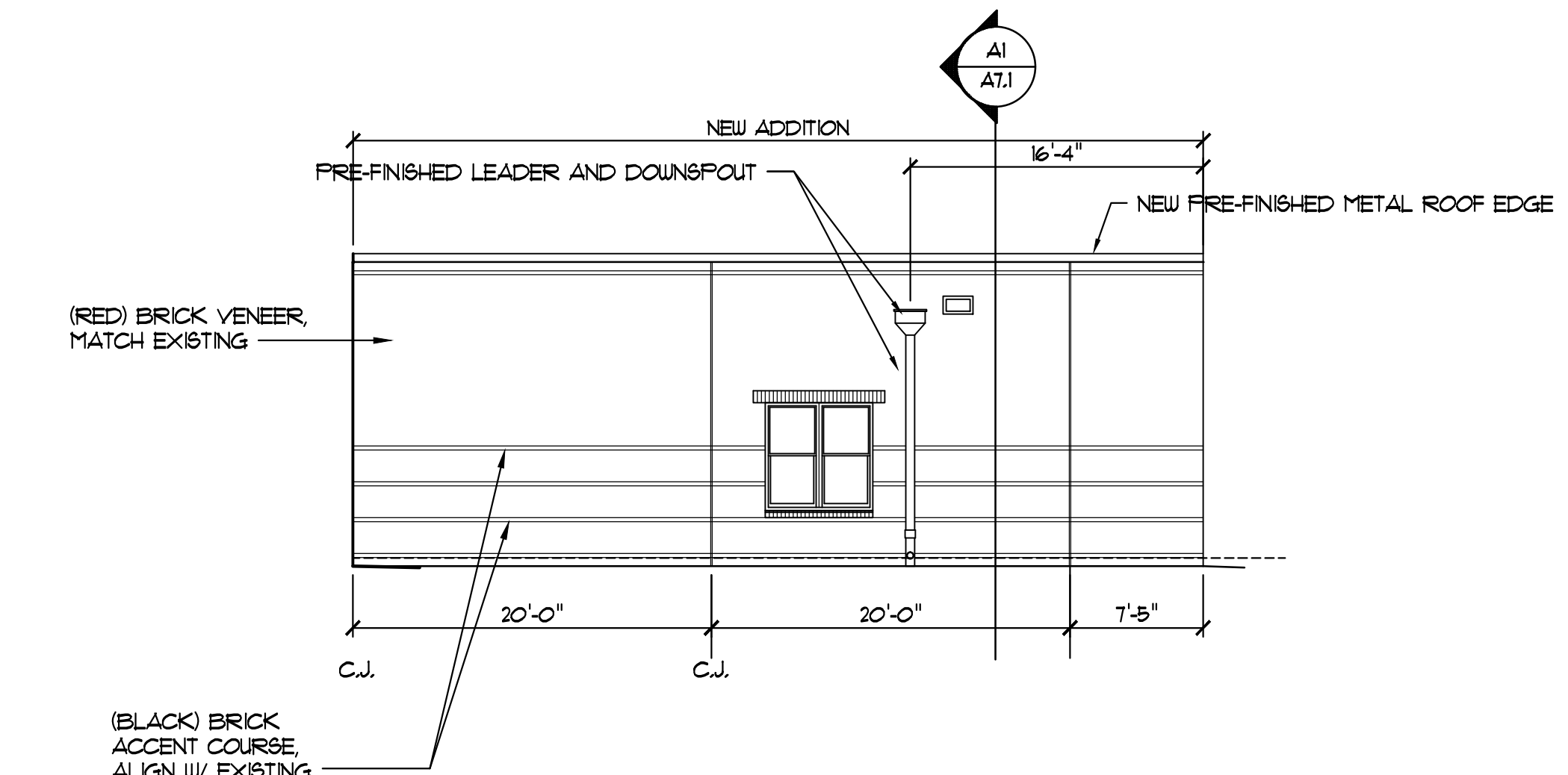
1/8" = 1'-0"



BRICK NOTE:
NEW BRICK IS TO MATCH EXISTING IN COLOR AND TEXTURE. FOR THE PURPOSE OF THIS DRAWING, THE FIELD BRICK COLOR WILL BE REFERRED TO AS RED BRICK AND THE ACCENT BRICK COLOR WILL BE REFERRED TO AS BLACK.

F1 PARTIAL BUILDING ELEVATION - NORTH ELEVATION

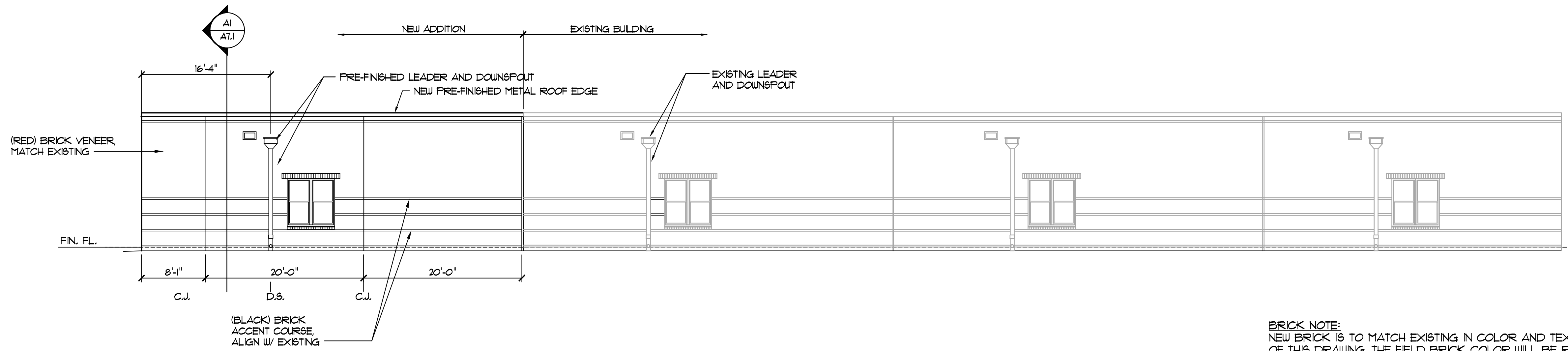
1/8" = 1'-0"



BRICK NOTE:
NEW BRICK IS TO MATCH EXISTING IN COLOR AND TEXTURE. FOR THE PURPOSE OF THIS DRAWING, THE FIELD BRICK COLOR WILL BE REFERRED TO AS RED BRICK AND THE ACCENT BRICK COLOR WILL BE REFERRED TO AS BLACK.

F11 PARTIAL BUILDING ELEVATION - SOUTH ELEVATION

1/8" = 1'-0"



BRICK NOTE:
NEW BRICK IS TO MATCH EXISTING IN COLOR AND TEXTURE. FOR THE PURPOSE OF THIS DRAWING, THE FIELD BRICK COLOR WILL BE REFERRED TO AS RED BRICK AND THE ACCENT BRICK COLOR WILL BE REFERRED TO AS BLACK.

A1 PARTIAL BUILDING ELEVATION - WEST ELEVATION

1/8" = 1'-0"

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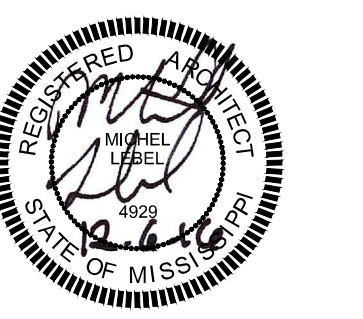
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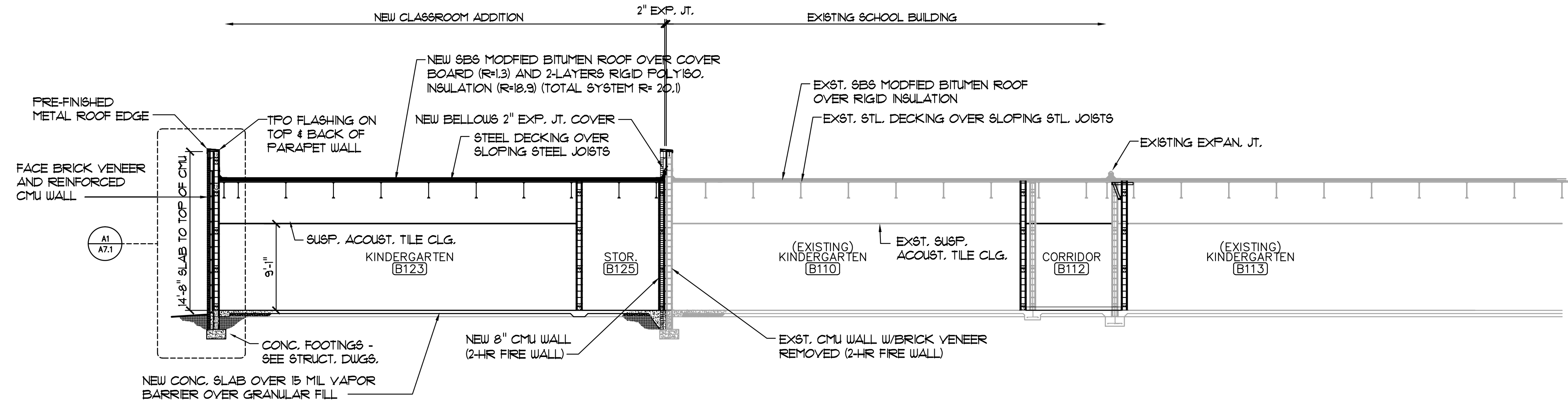
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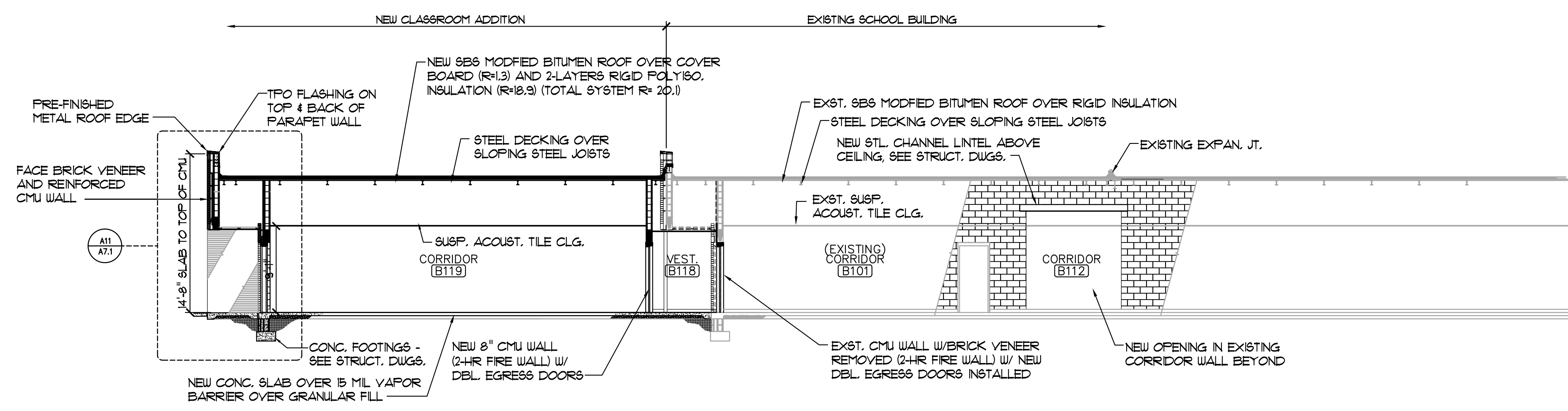
BUILDING ELEVATIONS

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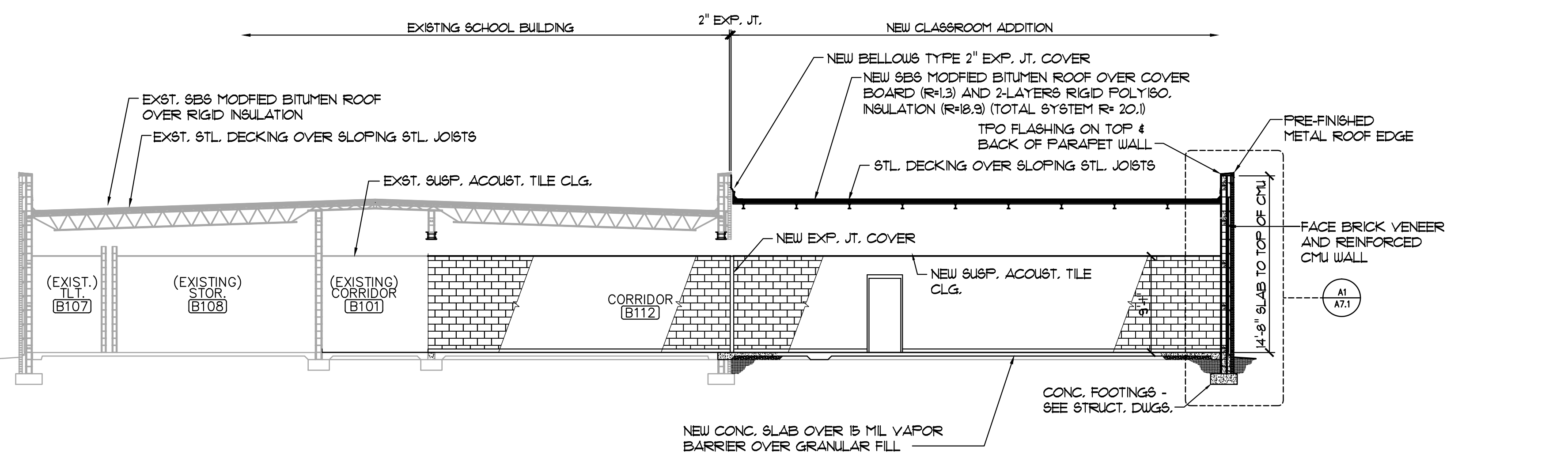




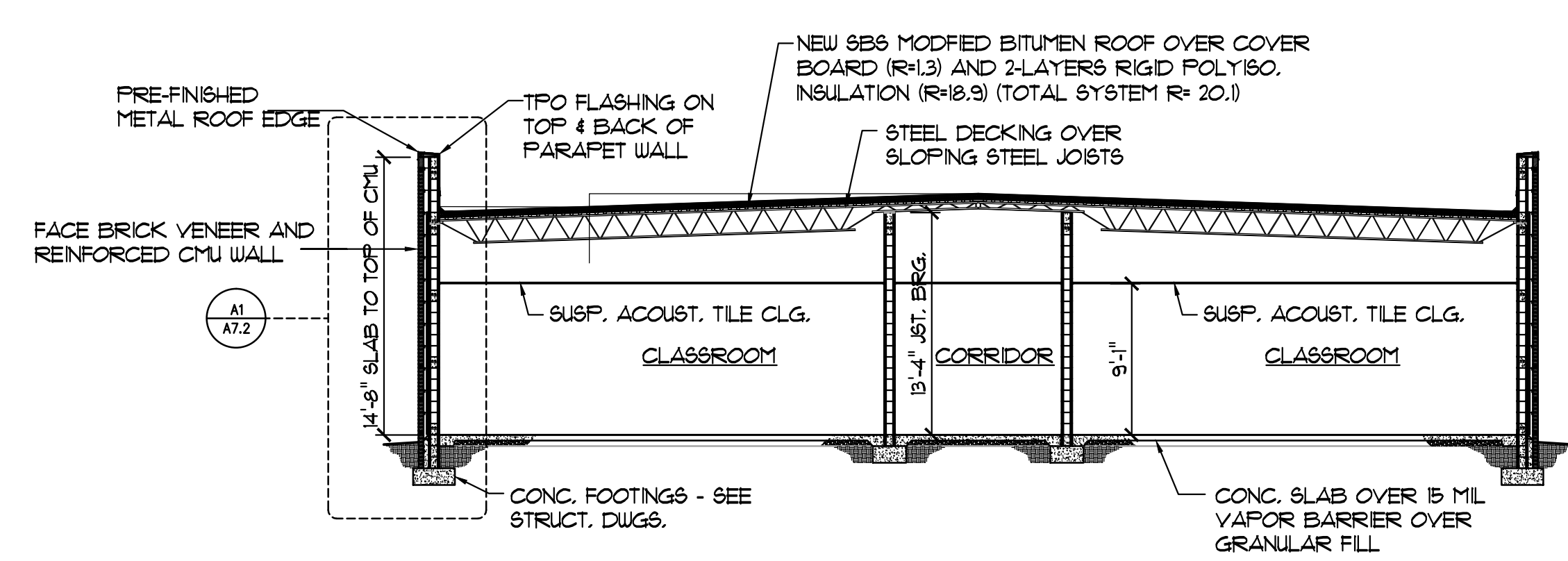
L1 PARTIAL BUILDING SECTION
1/8" = 1'-0"



F1 PARTIAL BUILDING SECTION
1/8" = 1'-0"



A1 PARTIAL BUILDING SECTION
1/8" = 1'-0"



A1 PARTIAL BUILDING SECTION
1/8" = 1'-0"

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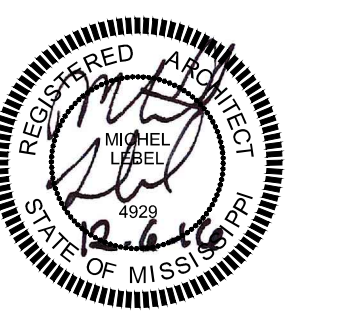
CLASSROOM ADDITION TO LEWISBURG PRIMARY SCHOOL
1707 Craft Road
Olive Branch, MS 38654

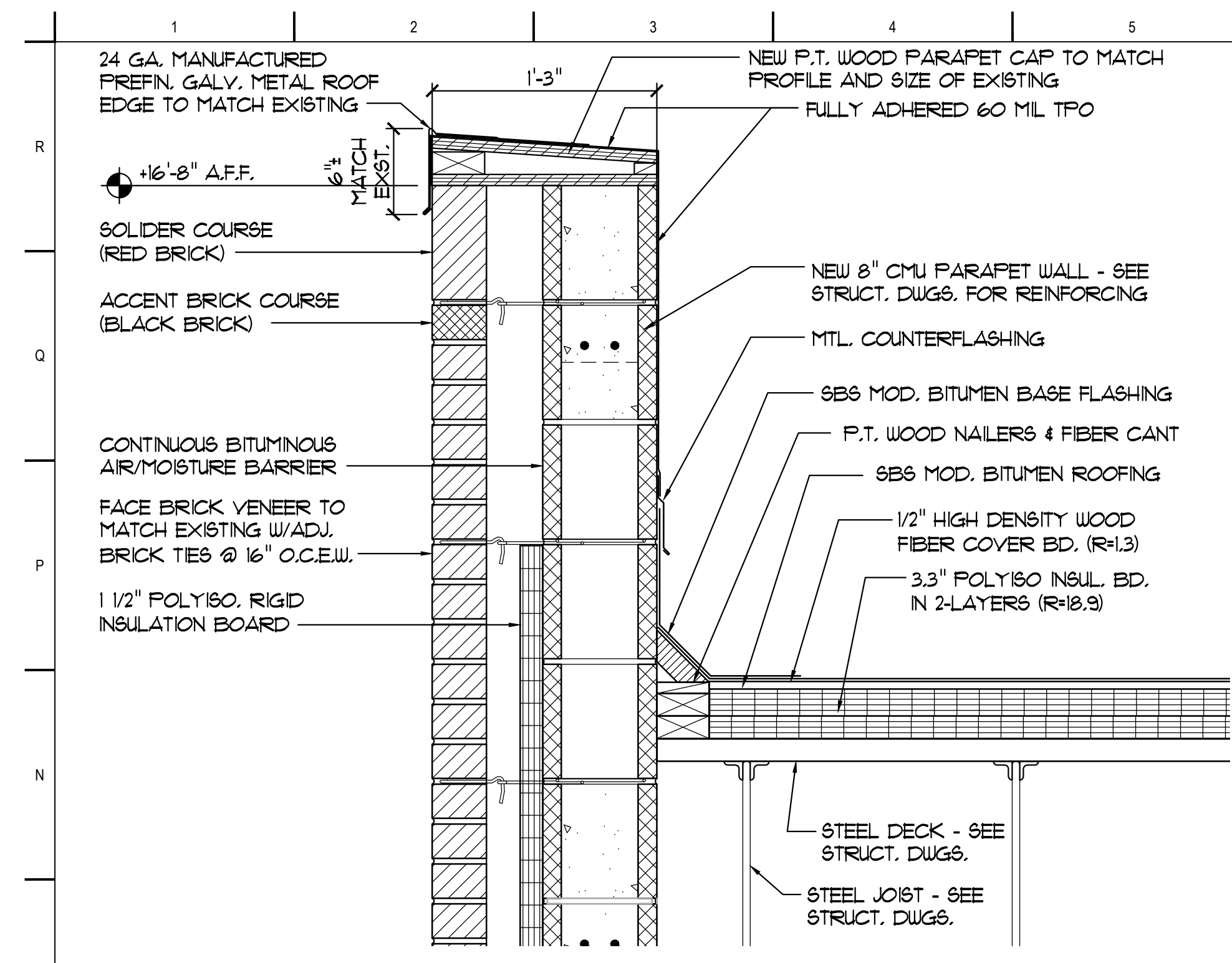
Desoto County School District
5 East South Street, Hernando, Mississippi 38632

No.	Revision	Date

BUILDING SECTIONS

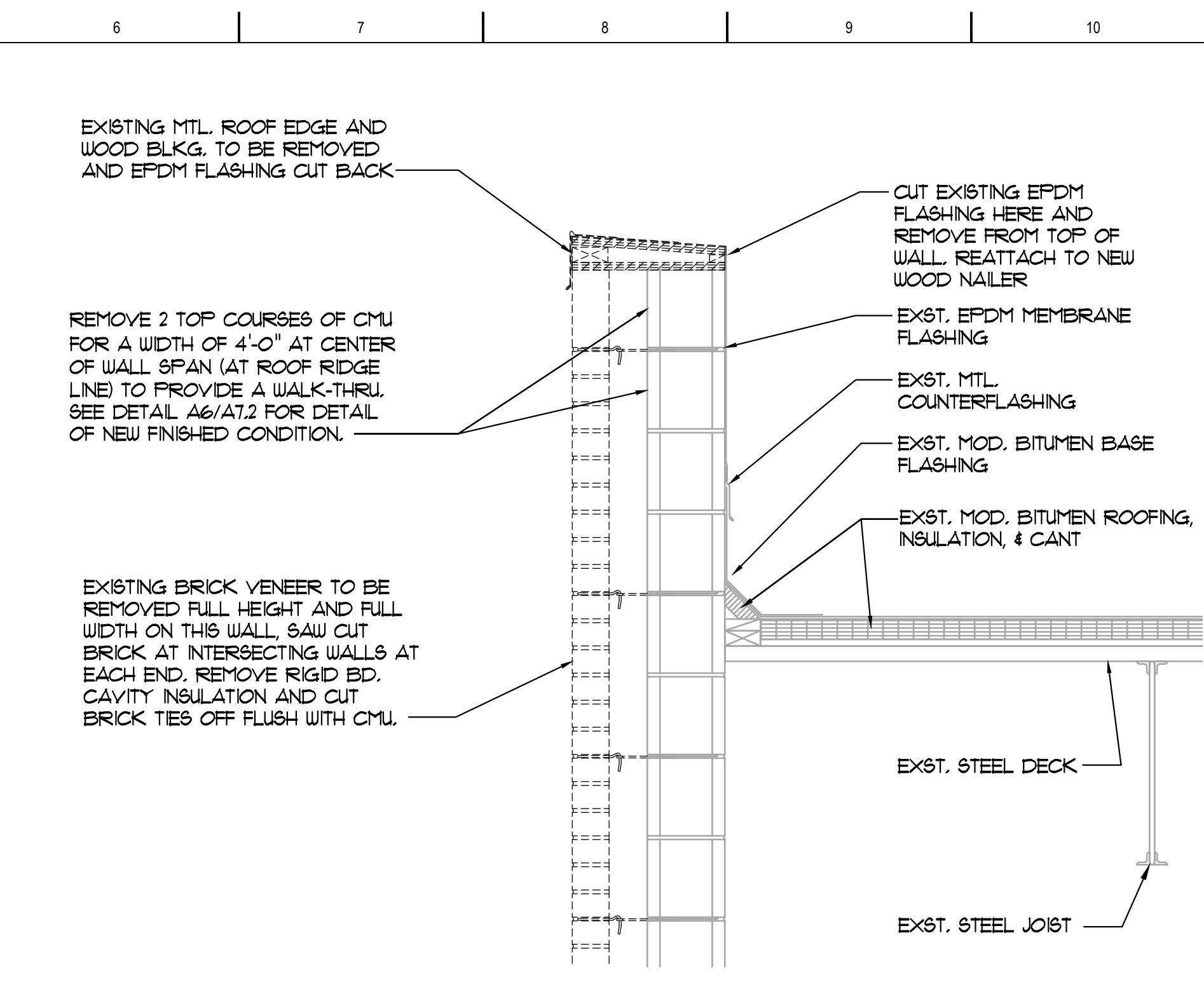
JOB NO: 62557
DATE: 12.06.16
DRAWN: NS
CHECKED: MHL
CAD FILE:





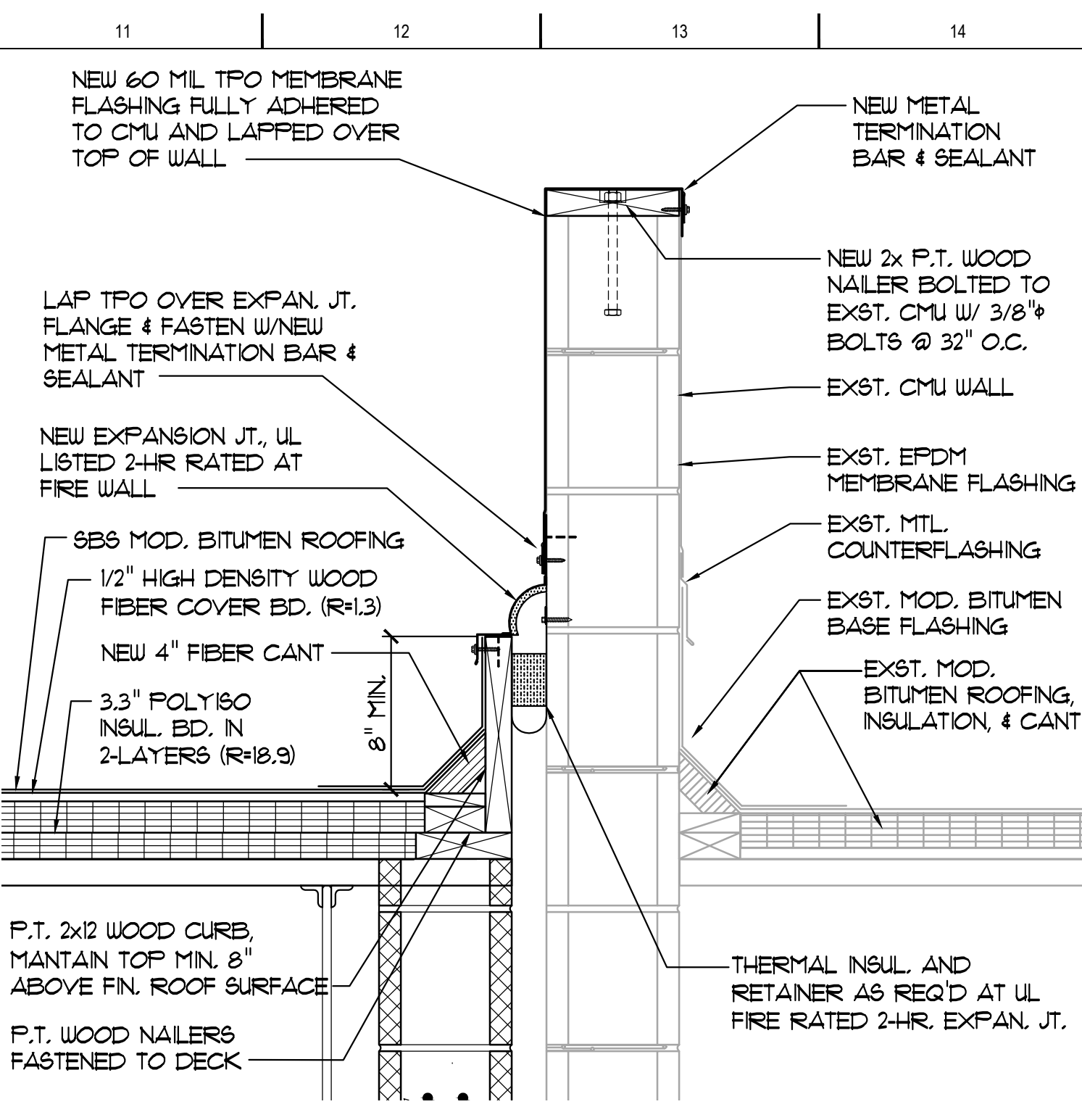
M1 TYP. PARAPET WALL DETAIL

1 1/2" = 1'-0"



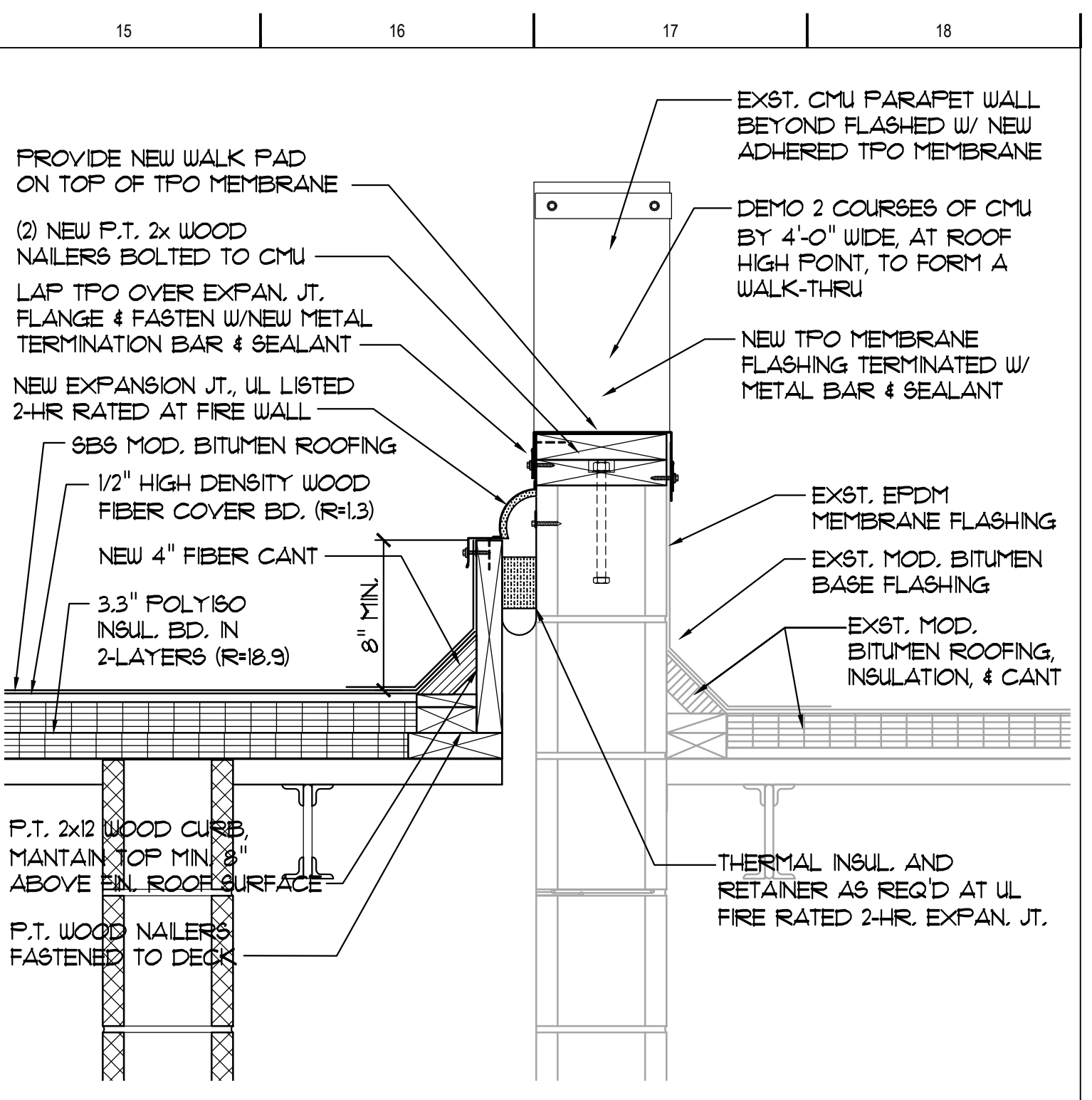
M6 PARTIAL WALL SECTION - DEMO

1" = 1'-0"



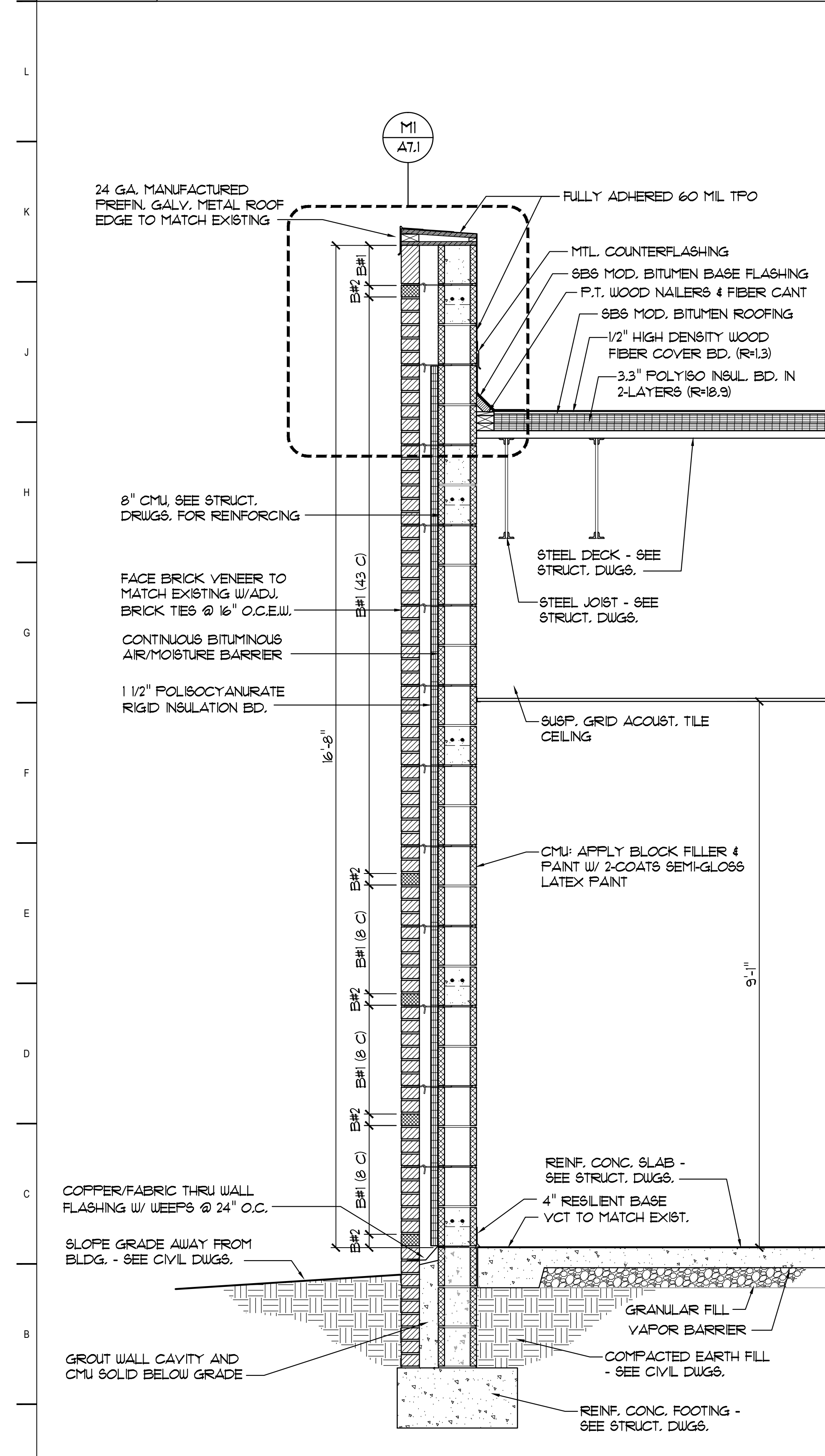
M11 PARAPET / EXPANSION JT. DETAIL

1 1/2" = 1'-0"



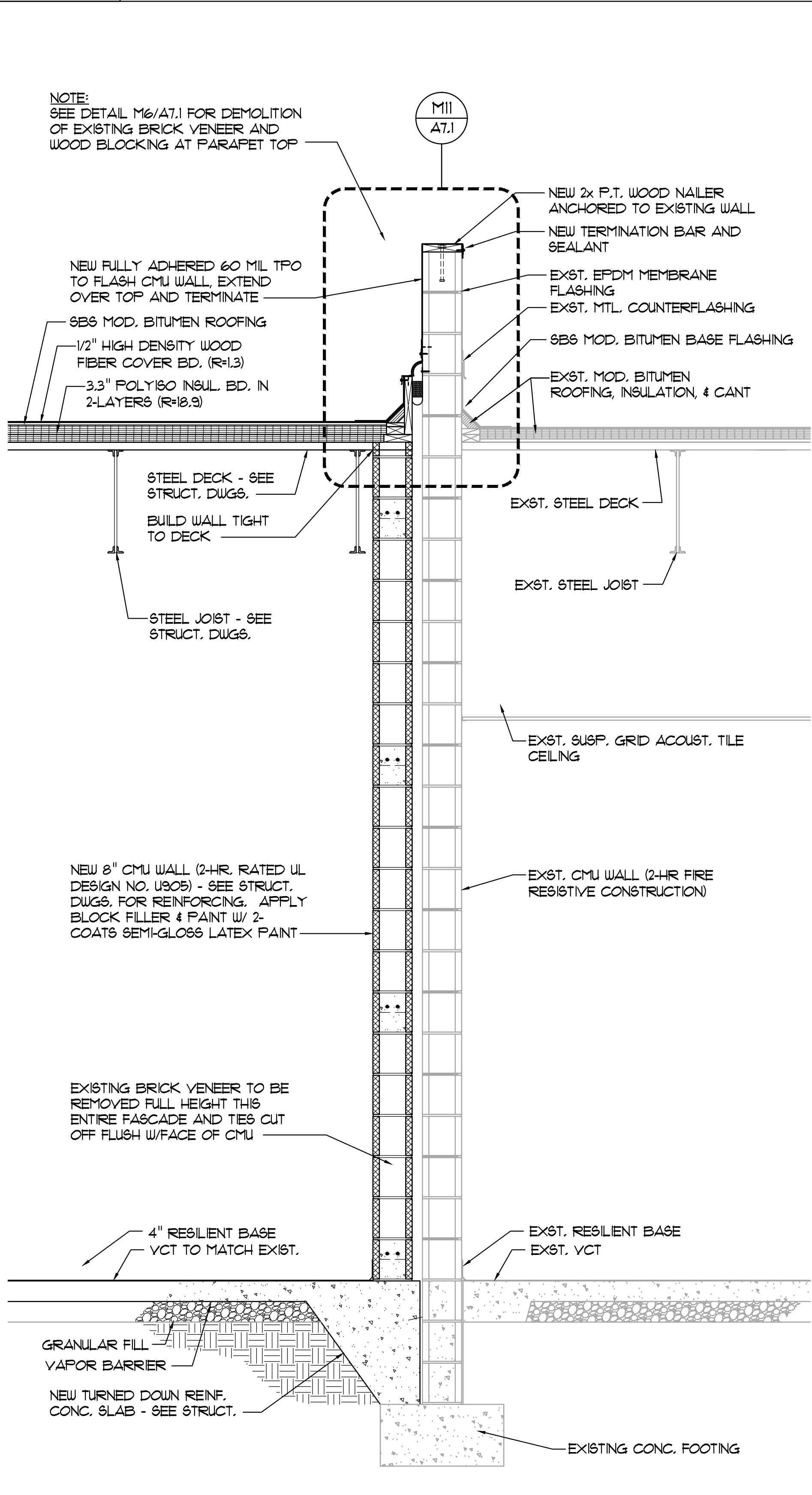
M15 PARAPET WALK-THRU DETAIL

1 1/2" = 1'-0"



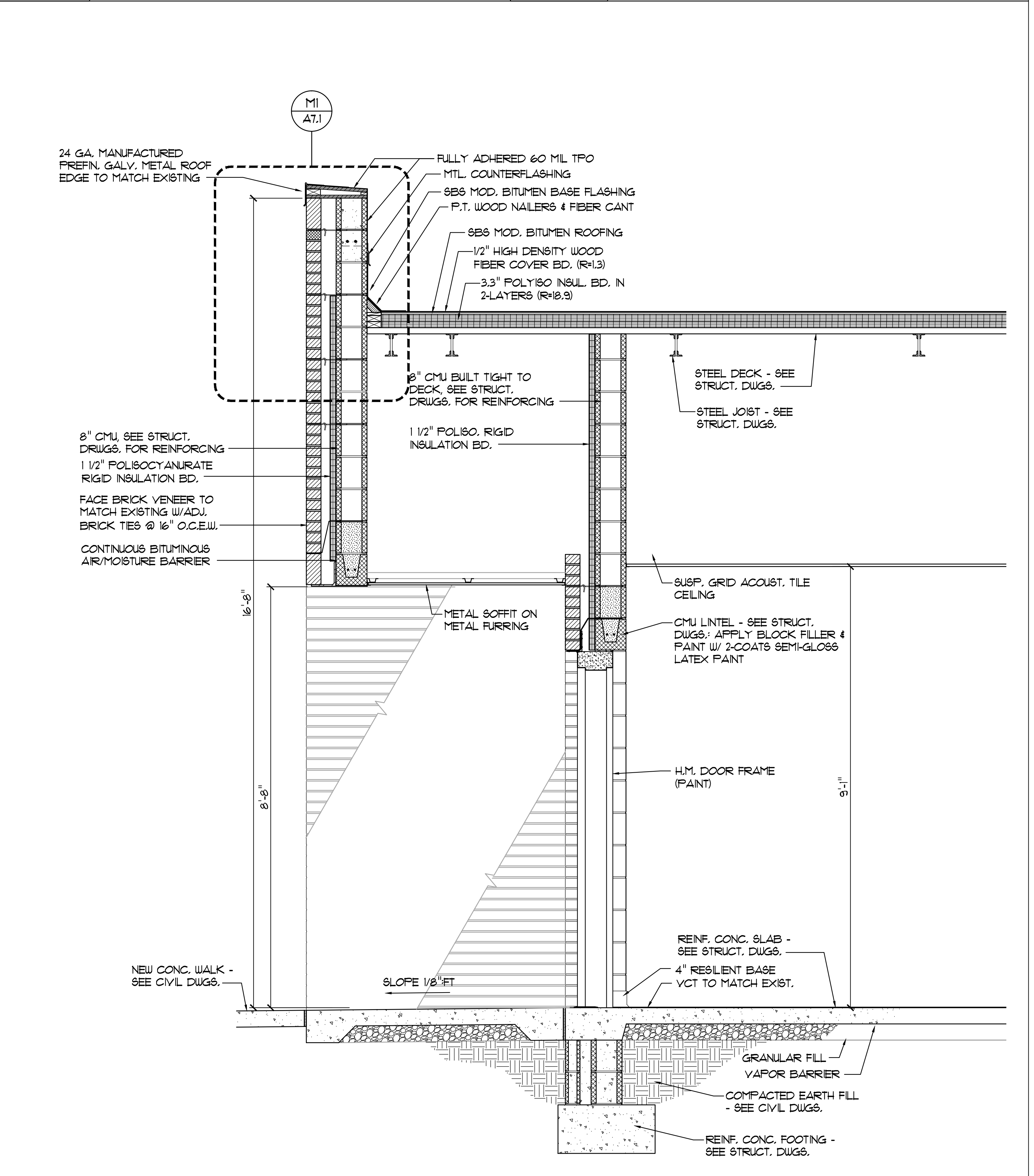
A1 WALL SECTION

3/4" = 1'-0"



A6 WALL SECTION

3/4" = 1'-0"



A11 WALL SECTION

3/4" = 1'-0"

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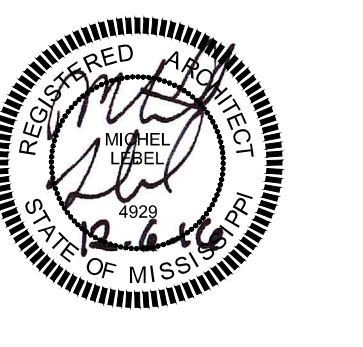
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Desoto County School District
5 East South Street, Hernando, Mississippi 38632

No. Revision Date

WALL SECTIONS

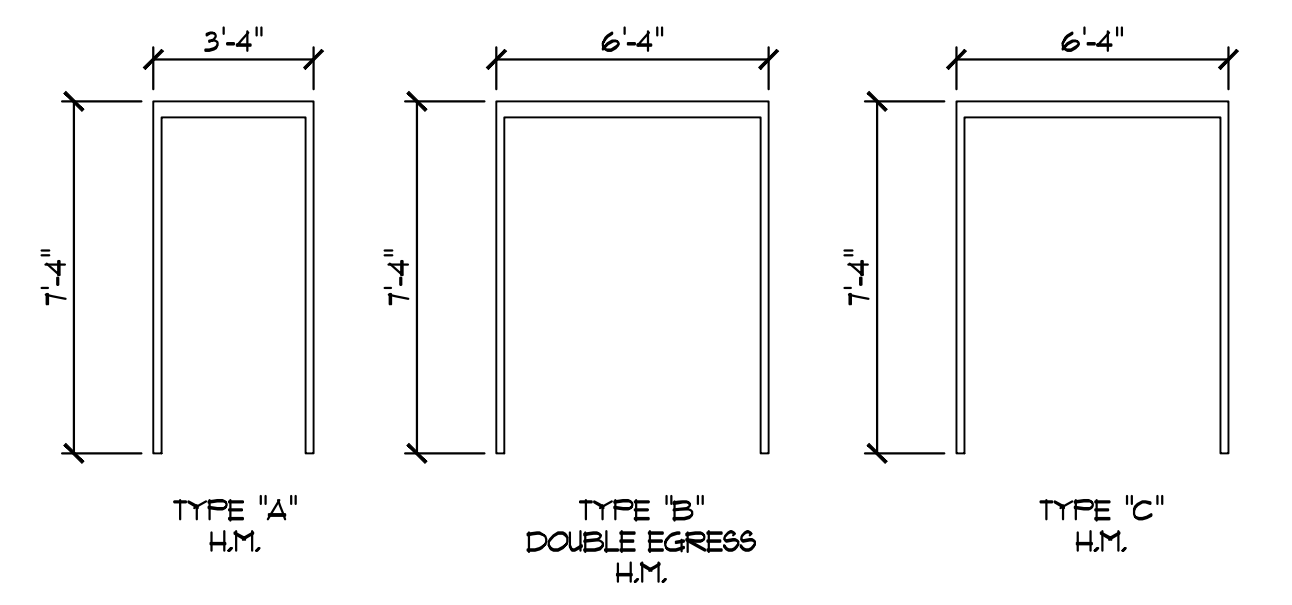
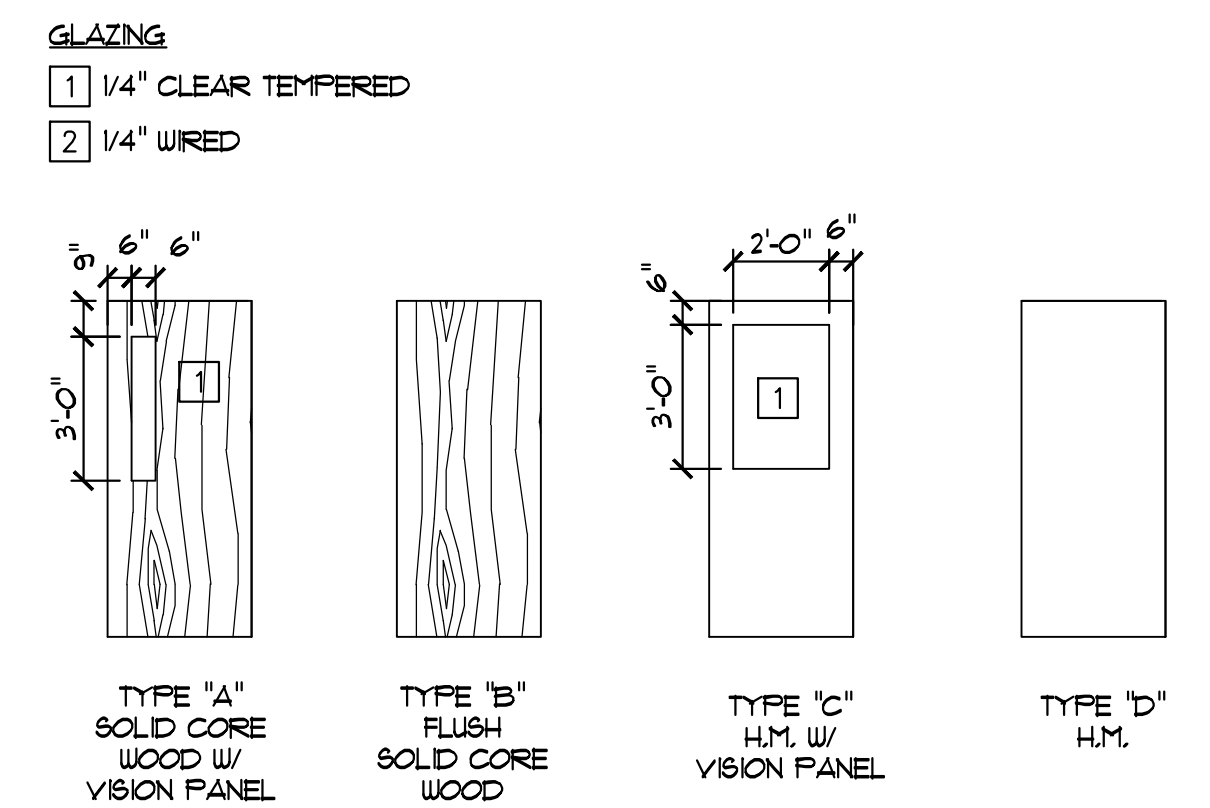
JOB NO: 62557
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DOOR SCHEDULE

DR. NO.	SIZE	DOOR	FRAME	DR. MAT.	FR. MAT.	HEAD	JAMB	SILL	RATING	HDWARE	REMARKS
B111	3'-0" x 7'-0" x 1-3/4"	B	A	SCUD	H.M.	J1 (S1M.)	E1 (S1M.)			4	
B112	FR. 3'-0" x 7'-0" x 1-3/4"	C	C	H.M./GLASS	H.M.	J1	E1	A1		1	1
B118A	FR. 3'-0" x 7'-0" x 1-3/4"	D	B	H.M.	H.M.	J7	J7		90 MIN.	2	2
B118B	FR. 3'-0" x 7'-0" x 1-3/4"	D	B	H.M.	H.M.	J4	E4		90 MIN.	2	2
B119	FR. 3'-0" x 7'-0" x 1-3/4"	C	C	H.M./GLASS	H.M.	J1	E1	A1		1	1
B120	3'-0" x 7'-0" x 1-3/4"	B	A	SCUD	H.M.	A4	A7			4	
B121	3'-0" x 7'-0" x 1-3/4"	B	A	SCUD	H.M.	A4	A7			5	
B122	3'-0" x 7'-0" x 1-3/4"	A	A	SCUD/GLASS	H.M.	A4	A7			3	
B123	3'-0" x 7'-0" x 1-3/4"	A	A	SCUD/GLASS	H.M.	A4	A7			3	
B124	3'-0" x 7'-0" x 1-3/4"	B	A	SCUD	H.M.	A4	A7			4	
B125	3'-0" x 7'-0" x 1-3/4"	B	A	SCUD	H.M.	A4	A7			5	
B1216A	3'-0" x 7'-0" x 1-3/4"	B	A	SCUD	H.M.	J1 (S1M.)	E1 (S1M.)			5	
B1216B	3'-0" x 7'-0" x 1-3/4"	B	A	SCUD	H.M.	A4	A7			5	
B127	3'-0" x 7'-0" x 1-3/4"	B	A	SCUD	H.M.	A4	A7			4	
B128	3'-0" x 7'-0" x 1-3/4"	A	A	SCUD/GLASS	H.M.	A4	A7			3	
B129	3'-0" x 7'-0" x 1-3/4"	A	A	SCUD/GLASS	H.M.	A4	A7			3	
B130	3'-0" x 7'-0" x 1-3/4"	B	A	SCUD	H.M.	A4	A7			5	
B131	3'-0" x 7'-0" x 1-3/4"	B	A	SCUD	H.M.	A4	A7			4	

NOTES:
 1. PROVIDE REMOVABLE MULLION. SEE HARDWARE SCHEDULE.
 2. DOUBLE EGRESS DOORS. PROVIDE ELECTRIFIED HOLD-OPEN/CLOSER INTER-CONNECTED TO FIRE ALARM TO RELEASE ON ALARM ACTIVATION. - SEE HARDWARE SCHEDULE.



N11 DOOR TYPE

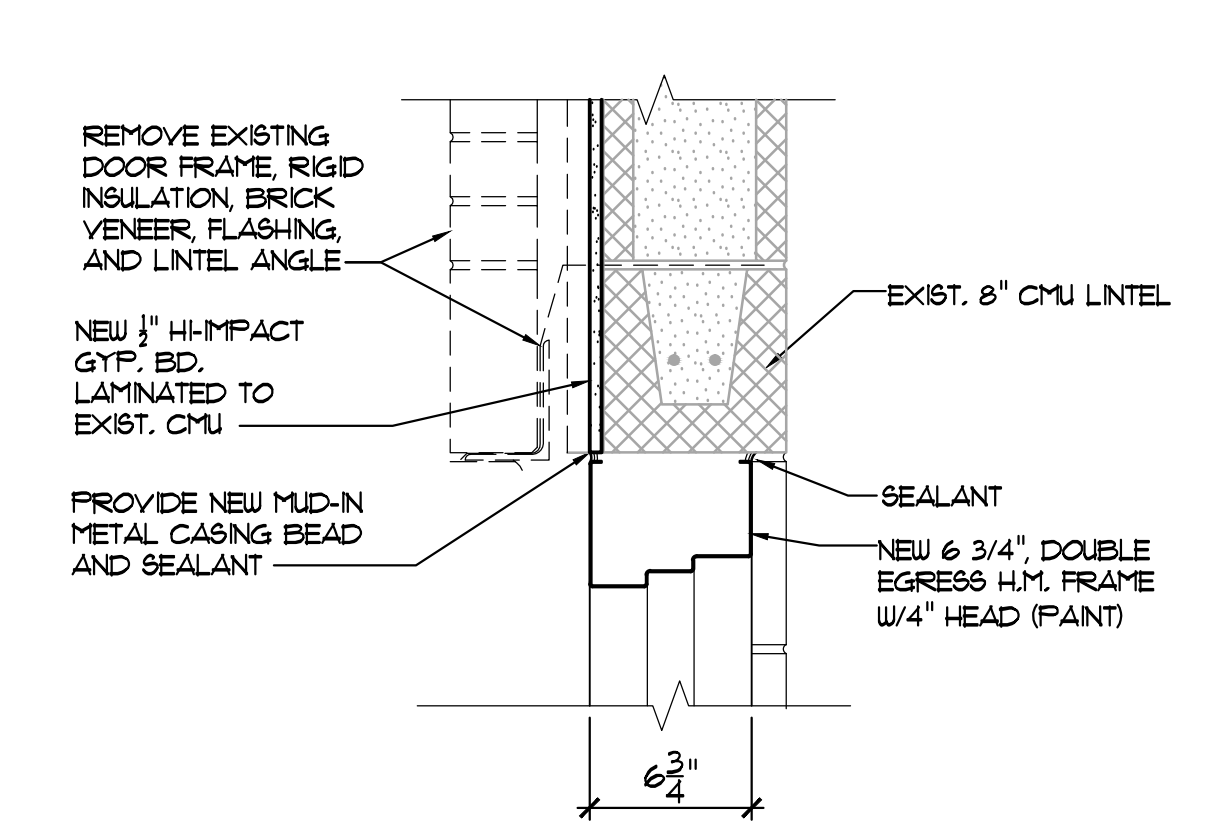
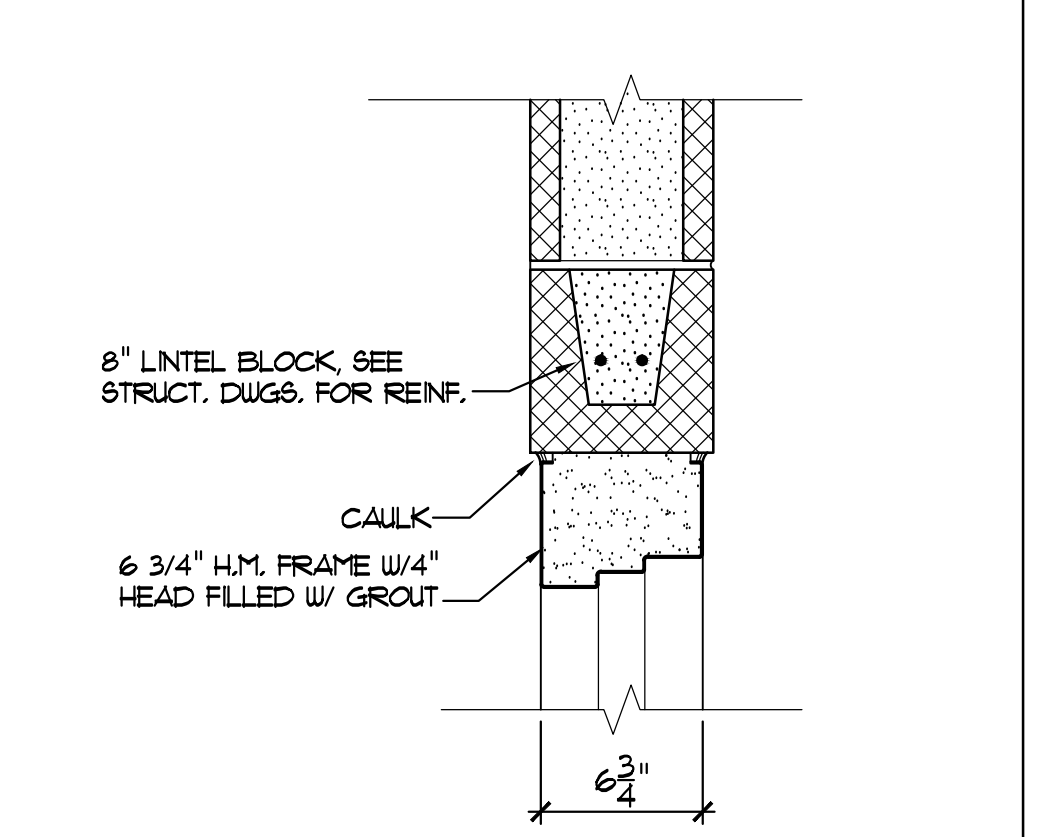
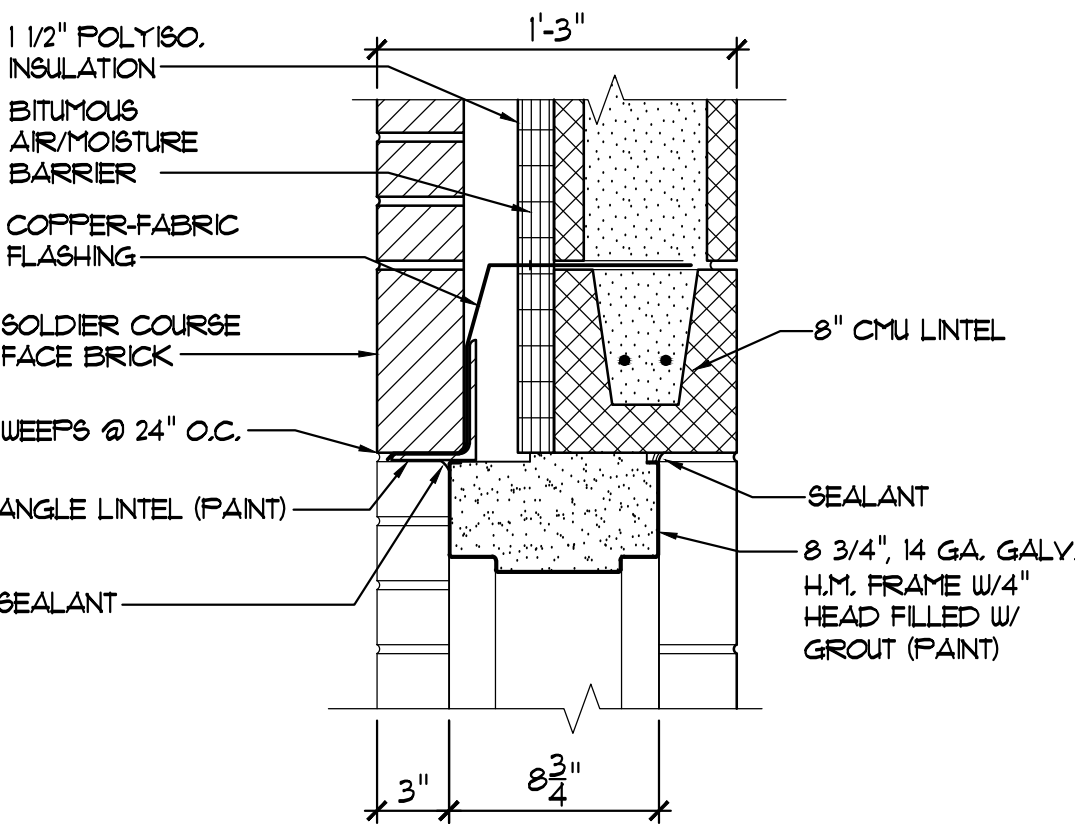
1/4" = 1'-0"

N15 DOOR FRAME ELEVATIONS

1/4" = 1'-0"

N1 DOOR SCHEDULE

NO SCALE



J1 DOOR HEAD

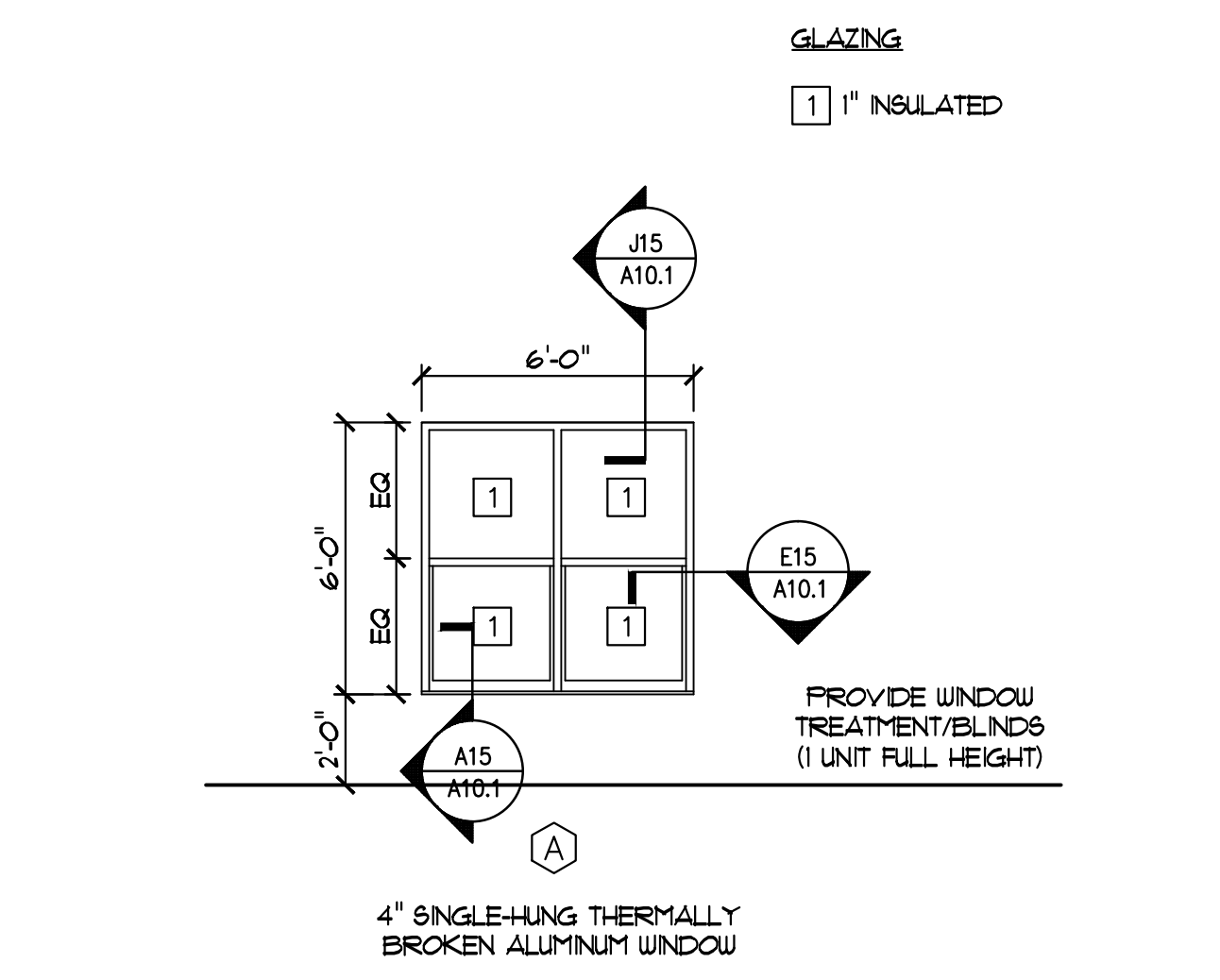
1 1/2" = 1'-0"

J4 DOOR HEAD

1 1/2" = 1'-0"

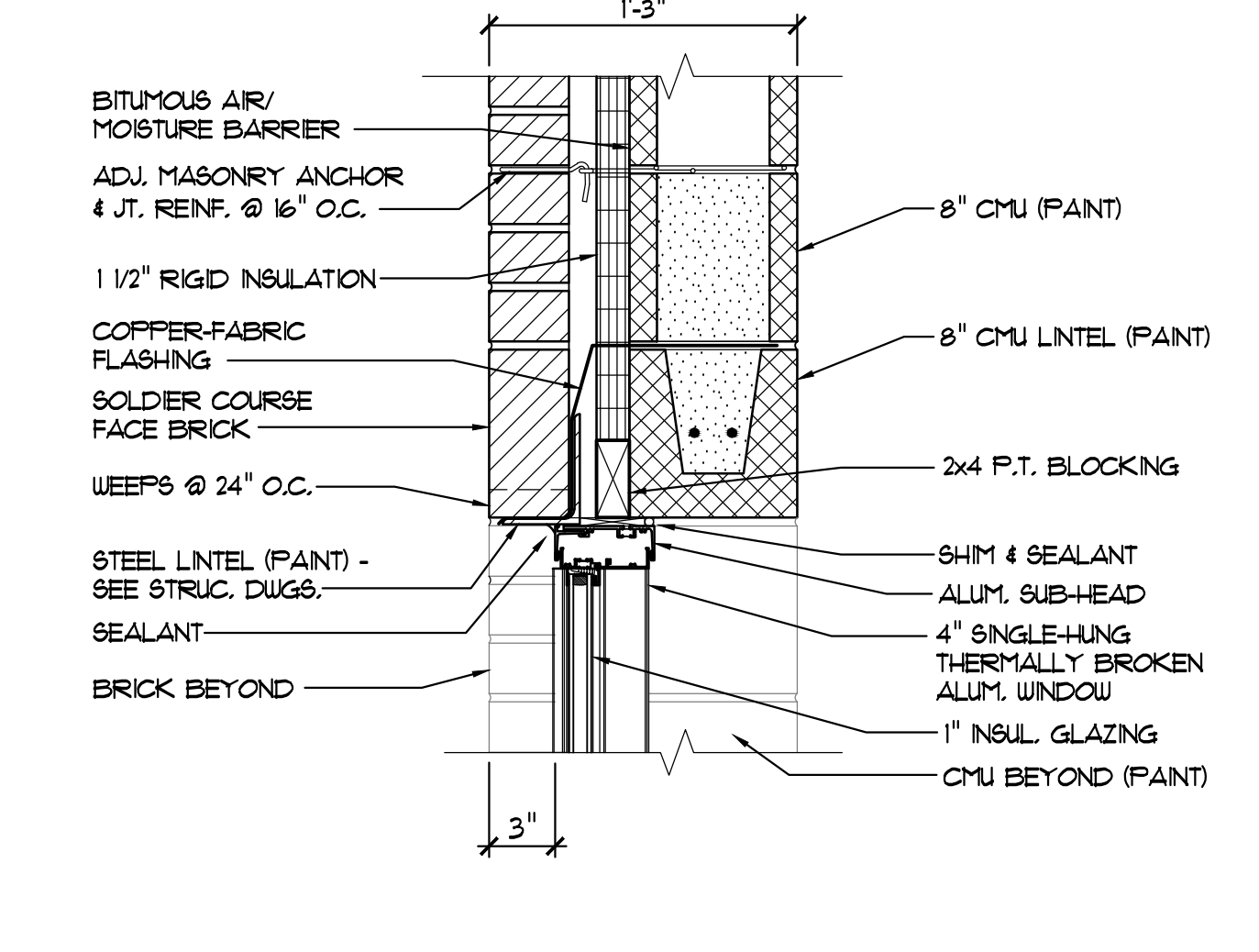
J7 DOOR JAMB

1 1/2" = 1'-0"



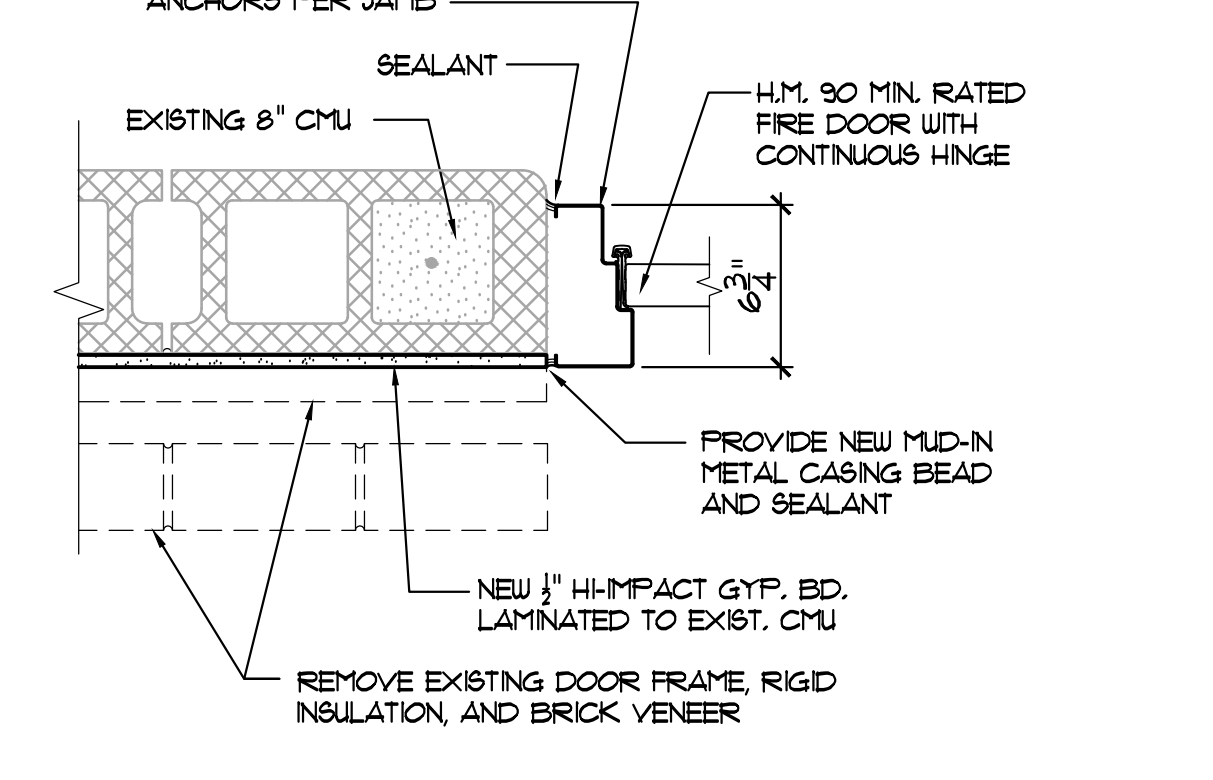
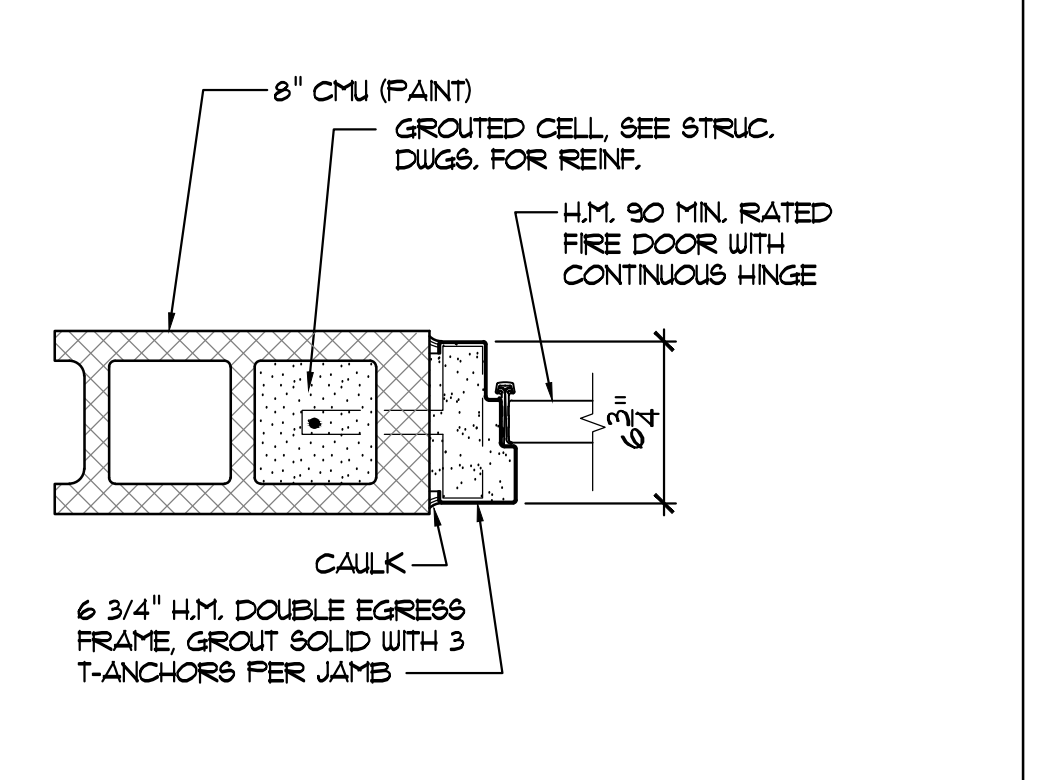
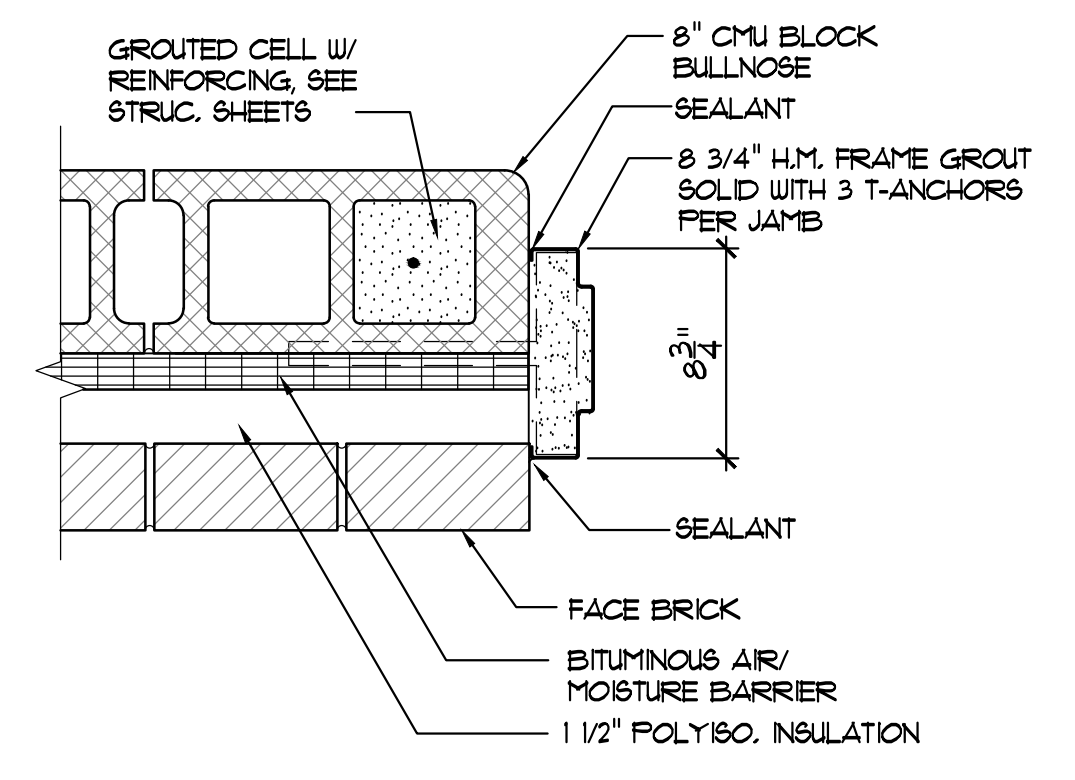
J11 WINDOW TYPES

1/4" = 1'-0"



J15 WINDOW HEAD DETAIL

1 1/2" = 1'-0"



E1 DOOR JAMB

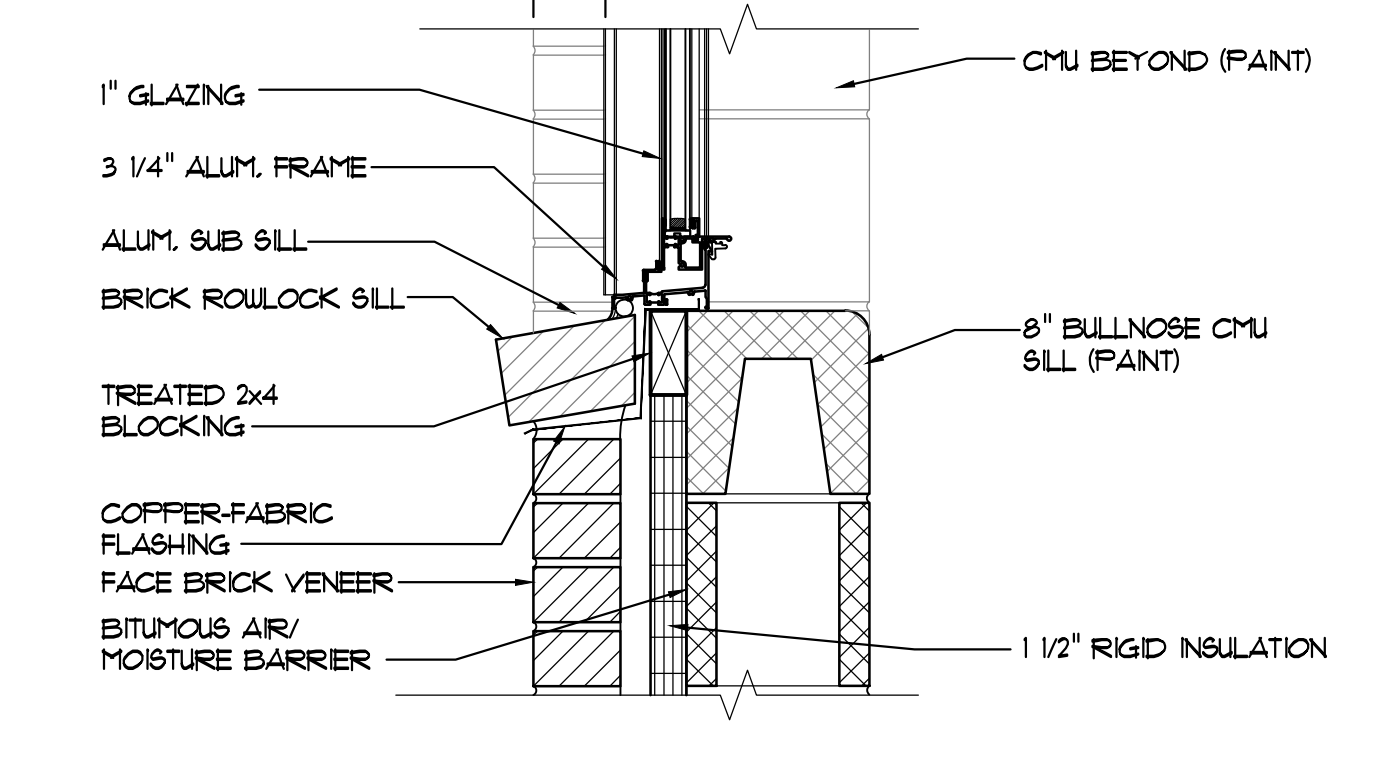
1 1/2" = 1'-0"

E4 DOOR JAMB

1 1/2" = 1'-0"

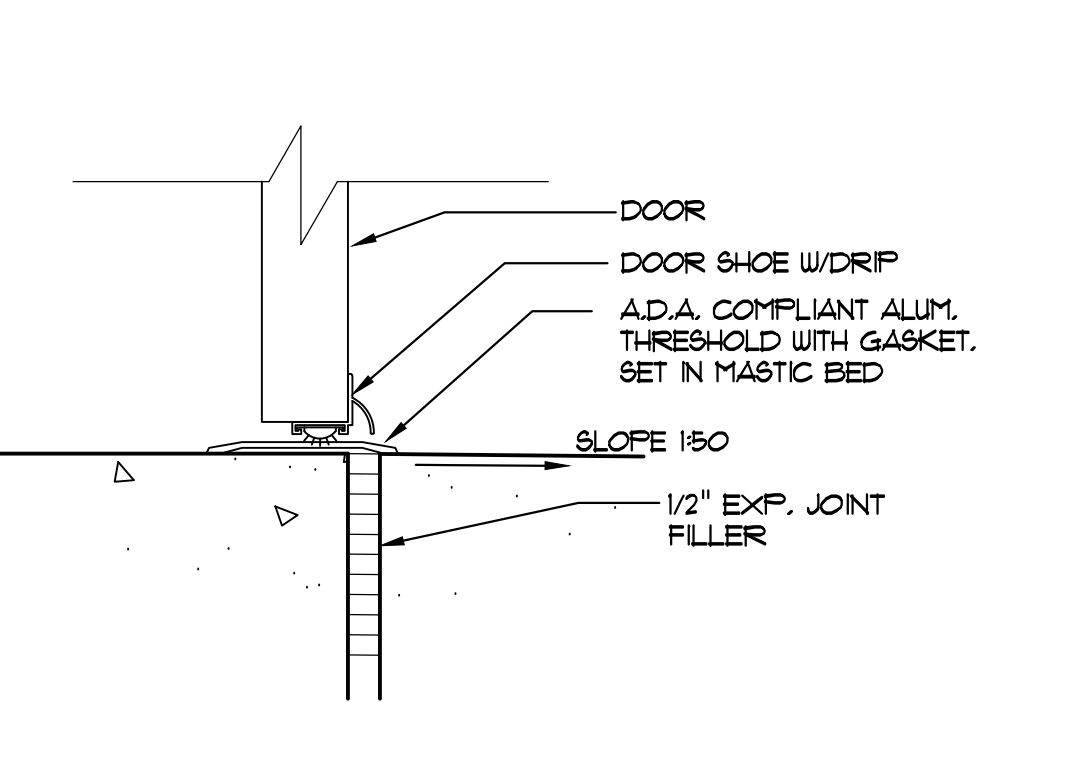
E7 DOOR JAMB

1 1/2" = 1'-0"



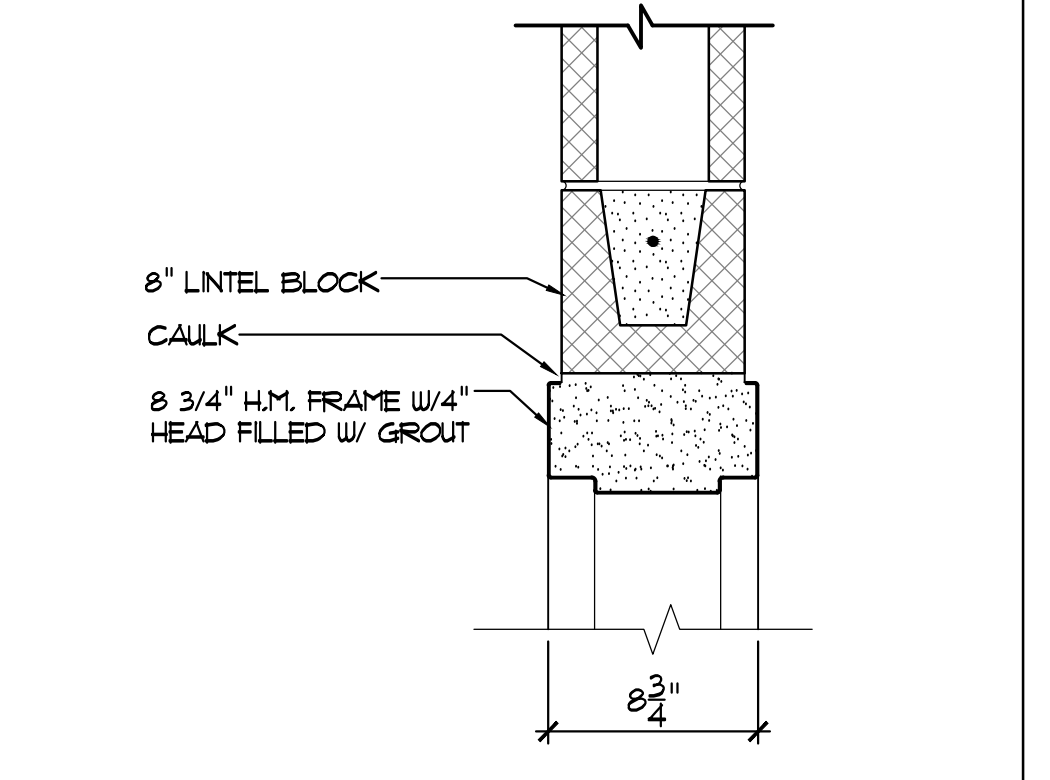
E15 WINDOW SILL DETAIL

1 1/2" = 1'-0"



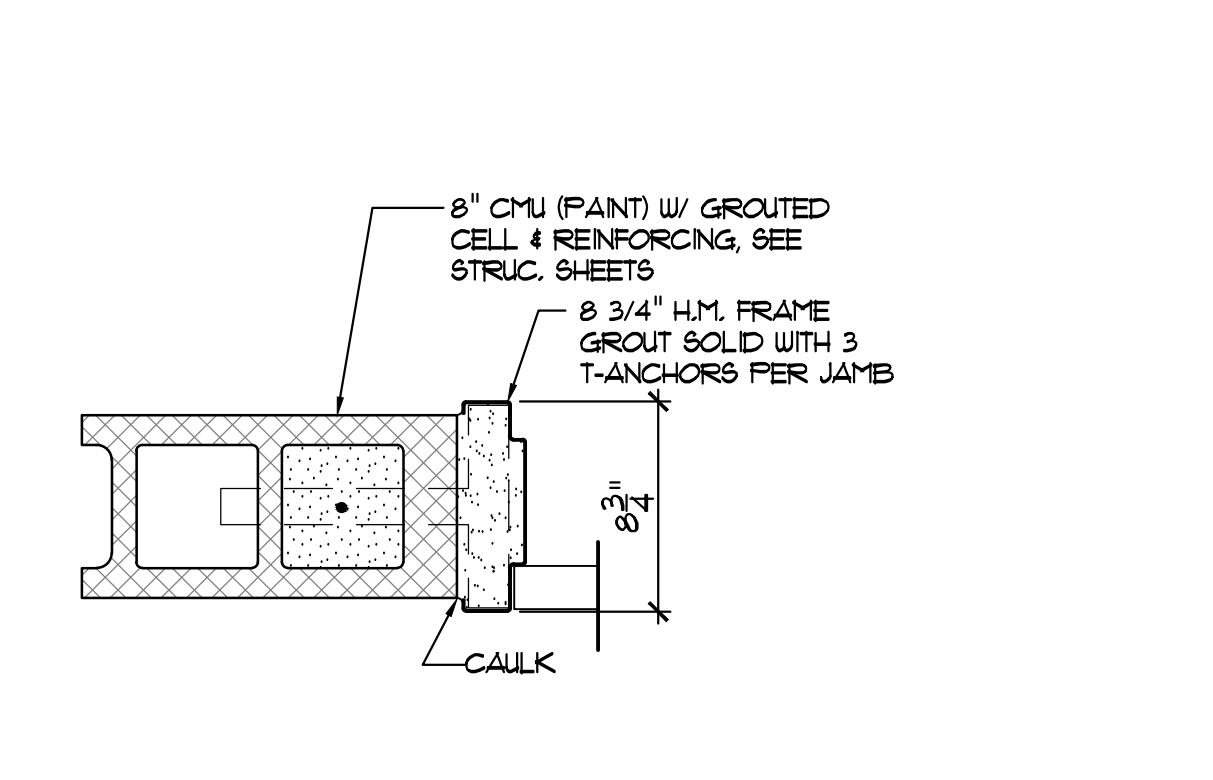
A1 THRESHOLD

3" = 1'-0"



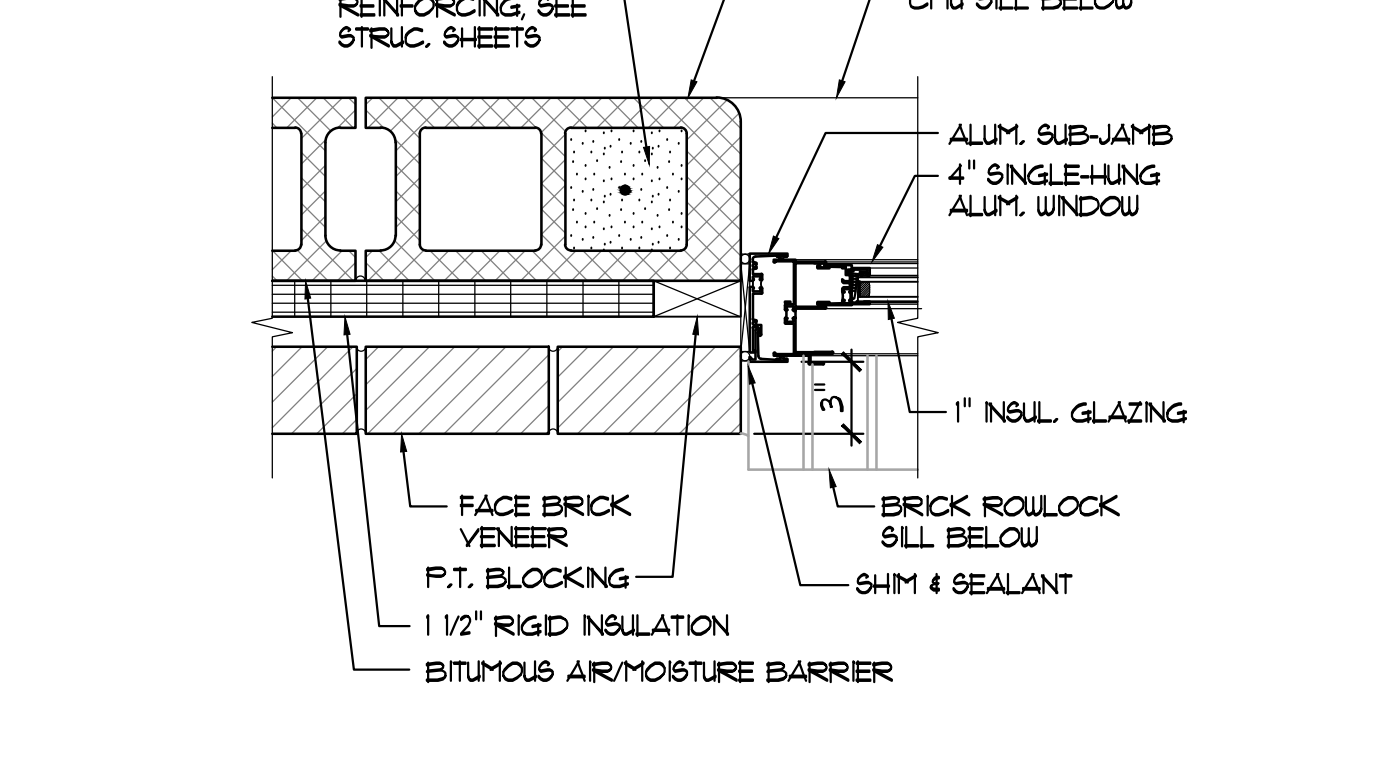
A4 DOOR HEAD

1 1/2" = 1'-0"



A7 DOOR JAMB

1 1/2" = 1'-0"



A15 WINDOW JAMB DETAIL

1 1/2" = 1'-0"

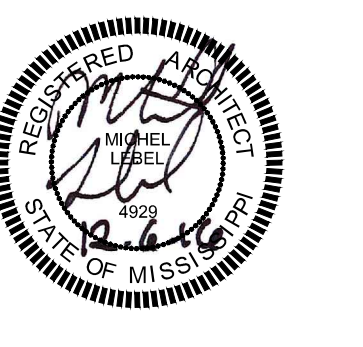
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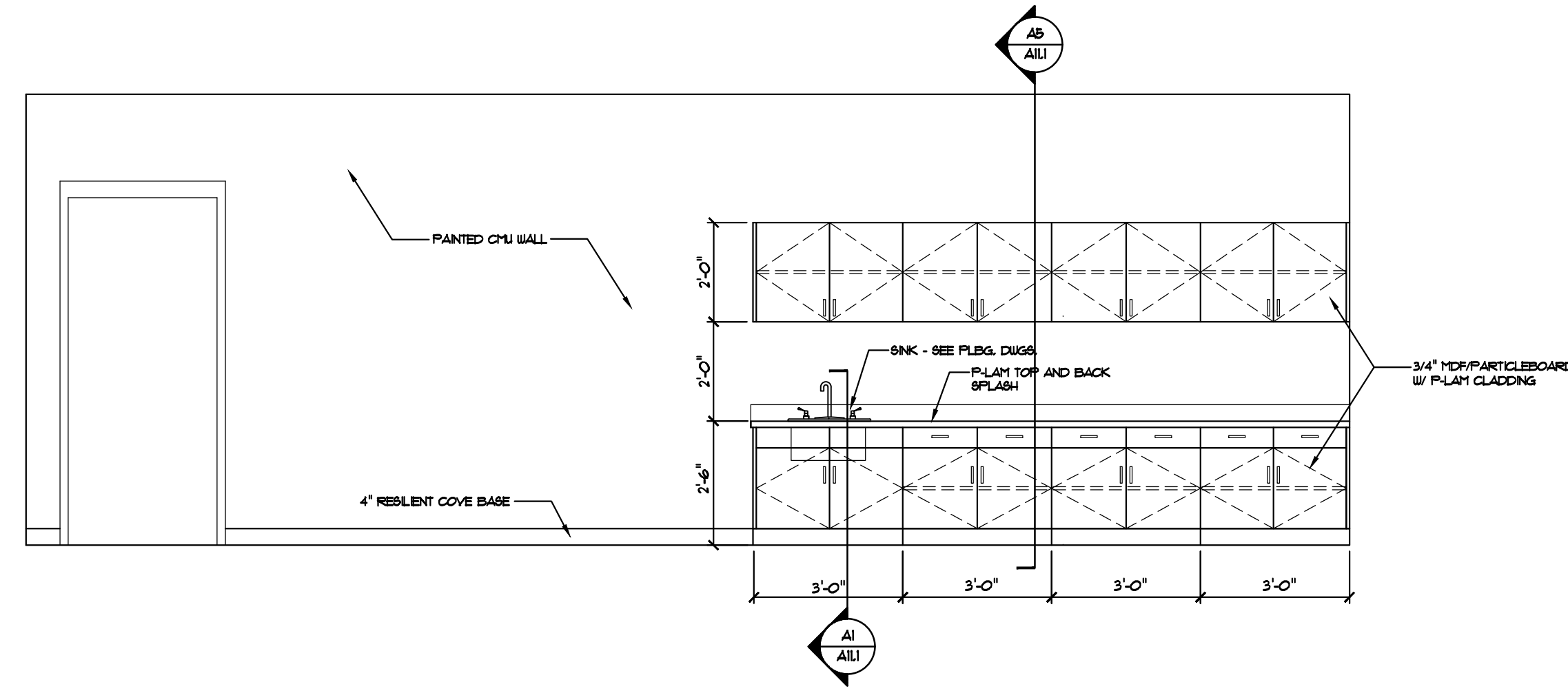
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DOOR SCHEDULE AND DETAILS

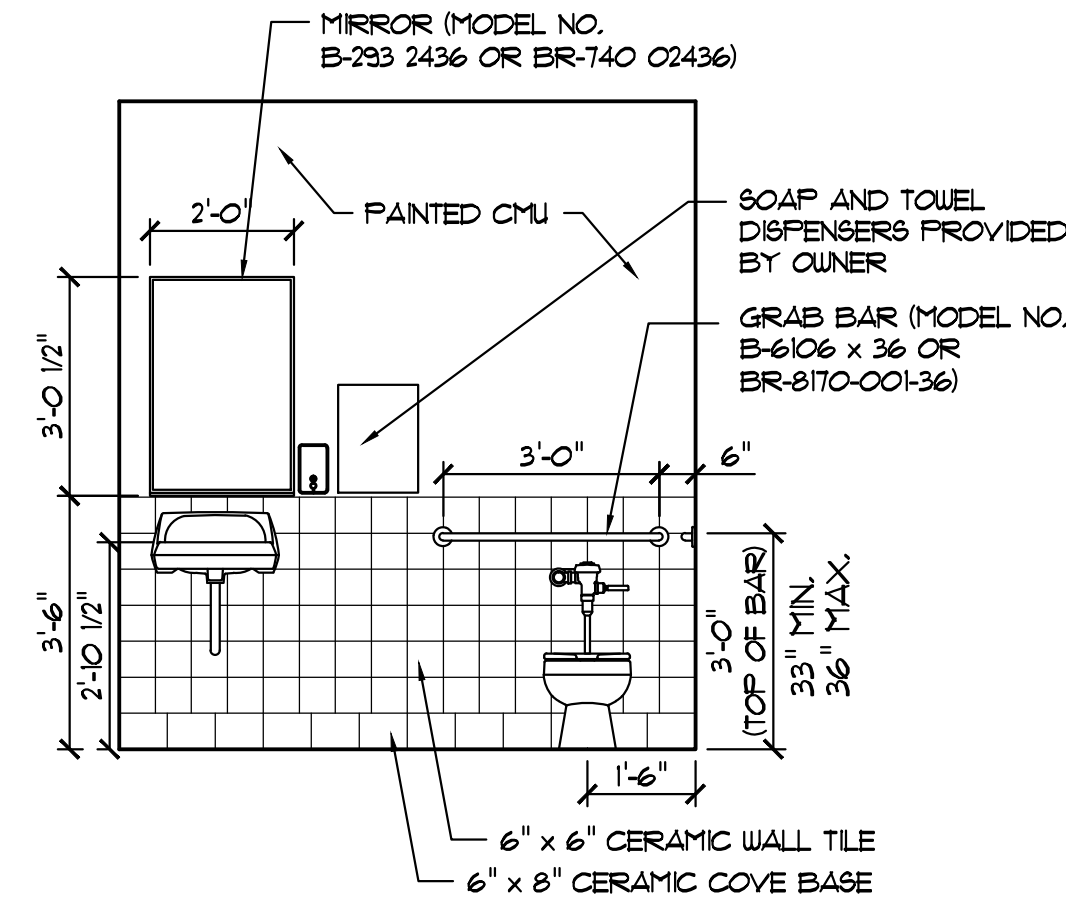
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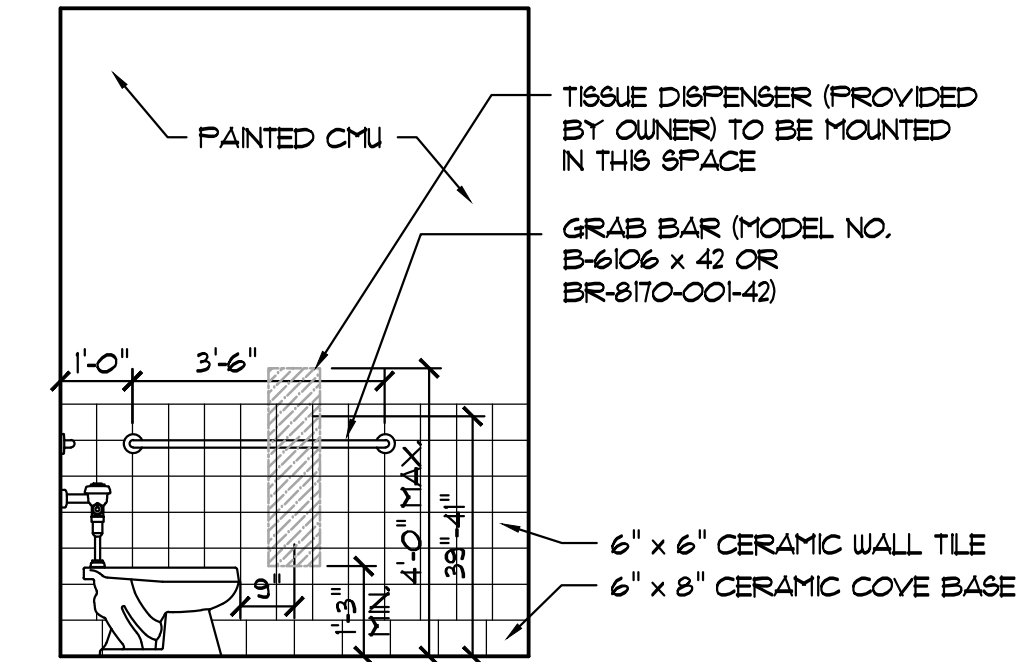
N1 INTERIOR ELEVATION

3/8" = 1'-0"



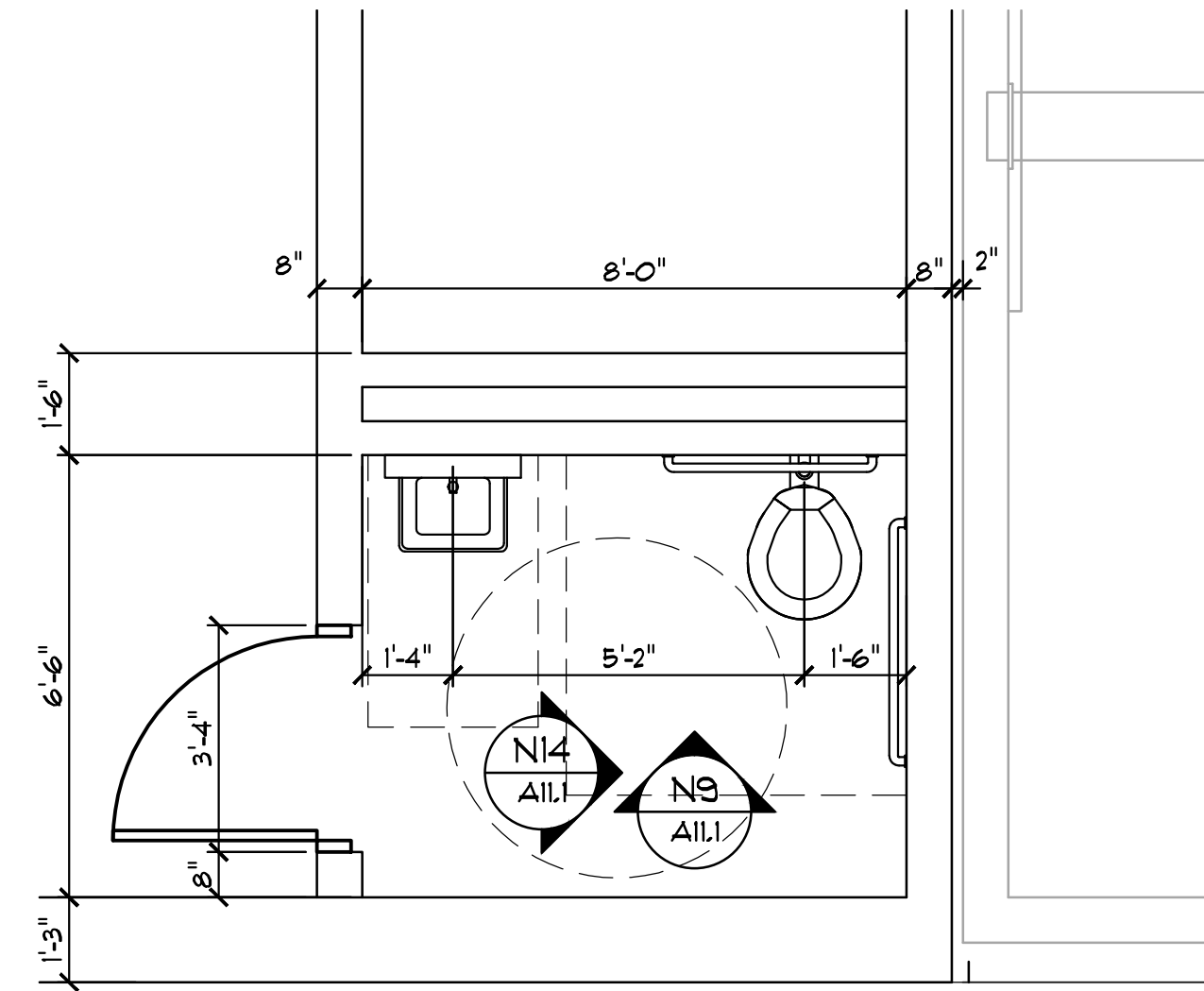
N9 TYP. TOILET FIXTURE WALL ELEV.

3/8" = 1'-0"



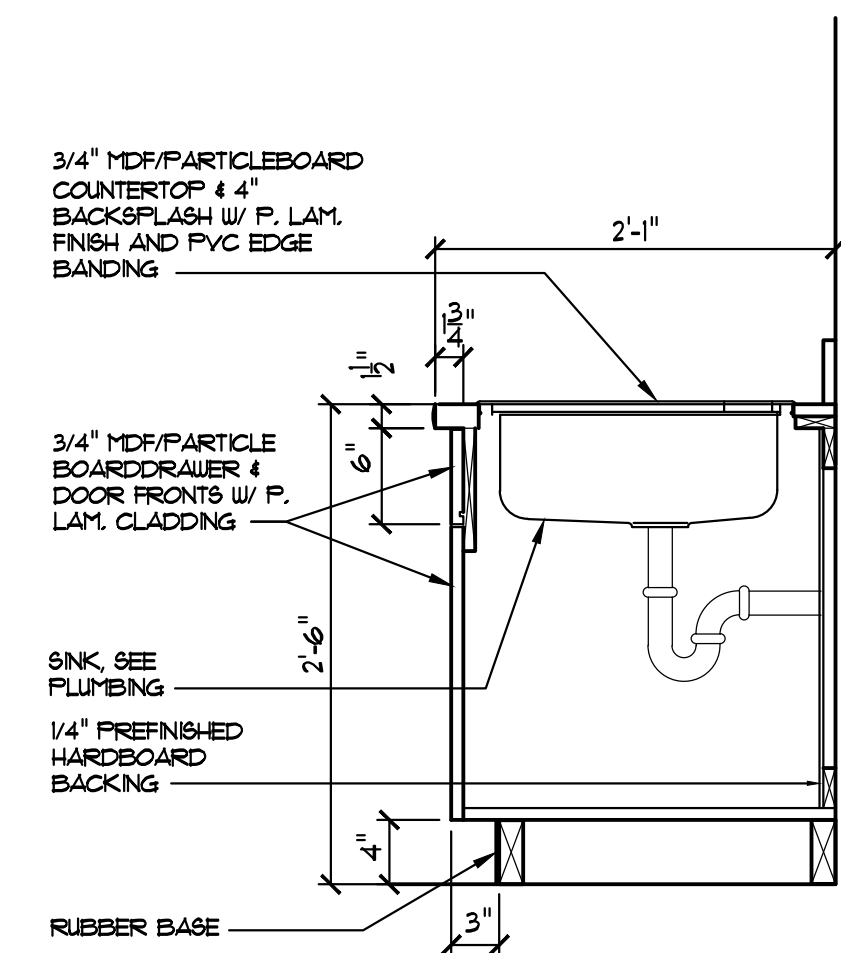
N14 TYP. TOILET SIDE WALL ELEV.

3/8" = 1'-0"



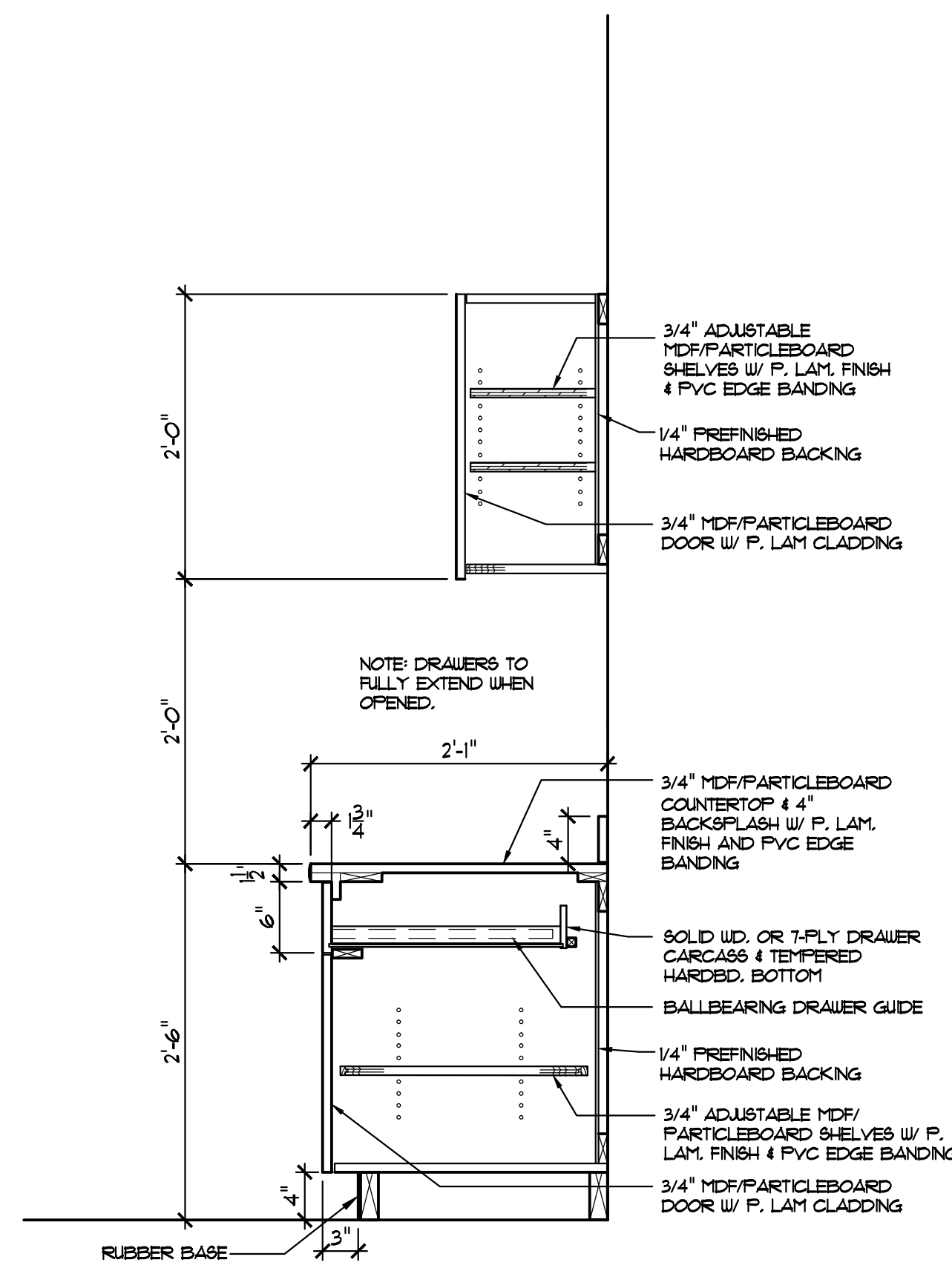
H9 TYP. TOILET PLAN

3/8" = 1'-0"



A1 CABINET SECTION

1" = 1'-0"



A5 CABINET SECTION

1" = 1'-0"

FINISH SCHEDULE										
NO.	ROOM NAME	FLOOR	BASE	N. WALL	S. WALL	E. WALL	W. WALL	CEILING	HEIGHT	NOTES
B110	KINDERGARTEN (EXIST'G)	VCT (EXIST'G)								
B111	TOILET	CFT	CTB	CUT/PT-2	CUT/PT-2	CUT/PT-2	CUT/PT-2	ACT	9'-0"	
B112	CORRIDOR	VCT-1 / VCT-2	RB-1	PT-1	PT-1	PT-1	PT-1	ACT	9'-0"	
B113	KINDERGARTEN (EXIST'G)	VCT (EXIST'G)	RB-1	PT-1	PT-1	PT-1	PT-1	ACT	9'-0"	
B118	VESTIBULE	VCT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT	9'-0"	
B119	CORRIDOR	VCT-1 / VCT-2	RB-1	PT-1	PT-1	PT-1	PT-1	ACT	9'-0"	
B120	TOILET	CFT	CTB	CUT/PT-2	CUT/PT-2	CUT/PT-2	CUT/PT-2	ACT	9'-0"	
B121	STORAGE	VCT-1	RB-1	PT-1	PT-1	PT-1	PT-1	NONE	VARIABLES	PT-3 ON EXPOSED STRUCTURE
B122	KINDERGARTEN	VCT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT	9'-0"	
B123	KINDERGARTEN	VCT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT	9'-0"	
B124	TOILET	CFT	CTB	CUT/PT-2	CUT/PT-2	CUT/PT-2	CUT/PT-2	ACT	9'-0"	
B125	STORAGE	VCT-1	RB-1	PT-1	PT-1	PT-1	PT-1	NONE	VARIABLES	PT-3 ON EXPOSED STRUCTURE
B126	TOILET	CFT	CTB	CUT/PT-2	CUT/PT-2	CUT/PT-2	CUT/PT-2	ACT	9'-0"	
B127	STORAGE	VCT-1	RB-1	PT-1	PT-1	PT-1	PT-1	NONE	VARIABLES	PT-3 ON EXPOSED STRUCTURE
B128	KINDERGARTEN	VCT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT	9'-0"	
B129	KINDERGARTEN	VCT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT	9'-0"	
B130	STORAGE	VCT-1	RB-1	PT-1	PT-1	PT-1	PT-1	NONE	VARIABLES	PT-3 ON EXPOSED STRUCTURE
B131	TOILET	CFT	CTB	CUT/PT-2	CUT/PT-2	CUT/PT-2	CUT/PT-2	ACT	9'-0"	

SCHEDULE NOTES:

FINISH MATERIALS LEGEND			
KEY	DESCRIPTION	MANUFACTURER	PRODUCT INFORMATION
VCT-1	VINYL COMPOSITION TILE	AZROCK	V-780 SUNBURST
VCT-2	VINYL COMPOSITION TILE	AZROCK	V-617 AMETHYST
CFT	CERAMIC FLOOR TILE	CROSSVILLE	CROSS TECH 12"x12" A3000FS MICA, GROUT/LATICRETE 45 RAVEN
RB-1	4" RUBBER BASE	ARMSTRONG	12 SHADOW GRAY
CTB	CERAMIC TILE BASE	CROSSVILLE	CROSS TECH 6"x8" A3000FS MICA, GROUT/LATICRETE 45 RAVEN
PT-1	PAINT - SATIN FINISH	BENJAMIN MOORE	INTENSE WHITE OC-51
PT-2	PAINT - SEMI GLOSS	BENJAMIN MOORE	INTENSE WHITE OC-51
PT-3	DRY-FALL PAINT	SEE SPECS.	WHITE
PT-4	PAINT - SATIN FINISH	BENJAMIN MOORE	FIRE AND ICE 1992
CUT	CERAMIC WALL TILE	AMERICAN CLEAN	BRIGHT GLAZED CERAMIC, 25 ICE WHITE - 6" x 6", GROUT/LATICRETE 44 BRIGHT WHITE
ACT	ACOUSTICAL TILE	SEE SPECS.	2' x 4' SUSPENDED LATIN TILE 4 GRID

GENERAL FINISH NOTES:
1. PAINT ALL H.M. FRAMES, INTERIOR H.M. DOORS, AND INTERIOR SIDE OF EXTERIOR DOORS AND FRAMES, BENJAMIN MOORE FIRE AND ICE 1992 SEMI-GLOSS

TILE TYPE: VCT-1: FIELD COLOR
V-780 SUNBURST
 TILE TYPE: VCT-2: ACCENT COLOR
V-617 AMETHYST



A1 FLOOR TILE PATTERN
1/8"=1'-0"



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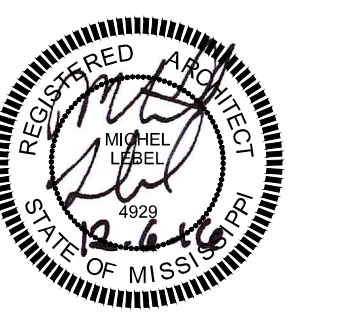
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LEWISBURG PRIMARY
A12.1



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engineers - architects - surveyors

ABBREVIATIONS

Table with 2 columns: Abbreviation and Description. Includes ADJ, AFF, APPROX, ARCH, BC, BLDG, BM, BTM, etc.

GENERAL NOTES

- 1. NO PROVISION OF ANY REFERENCED STANDARD SPECIFICATION, MANUAL OR CODE (WHETHER OR NOT SPECIFICALLY INCORPORATED BY REFERENCE IN THE CONTRACT DOCUMENTS) SHALL BE EFFECTIVE TO CHANGE THE DUTIES AND RESPONSIBILITIES OF THE OWNER, CONTRACTOR, ARCHITECT, ENGINEER, SUPPLIER, OR ANY OF THE CONSULTANTS, AGENTS, OR EMPLOYEES FROM THOSE SET FORTH IN THE CONTRACT DOCUMENTS...

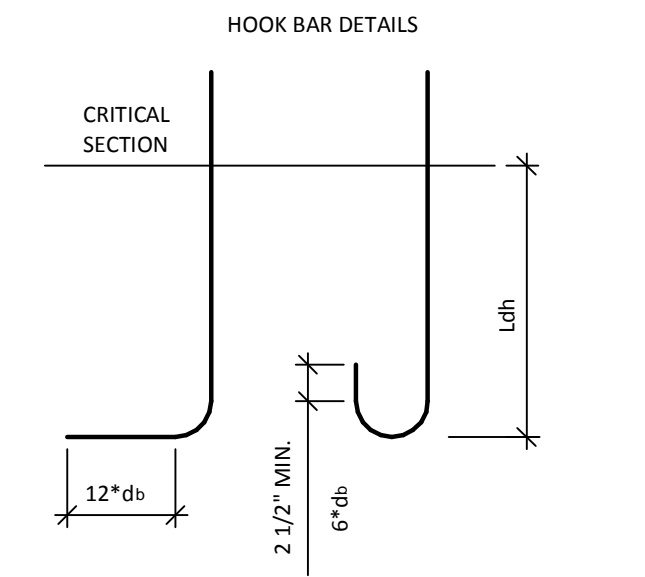
MASONRY

- 1. CONCRETE MASONRY UNITS FOR LOAD BEARING WALLS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF FM = 1500 PSI.
A. HOLLOW UNITS: ASTM C90 GRADE N, LIGHTWEIGHT TYPE I (MOISTURE CONTROLLED)
B. SOLID UNITS: ASTM C145 GRADE N, TYPE I (MOISTURE CONTROLLED)

REINFORCING

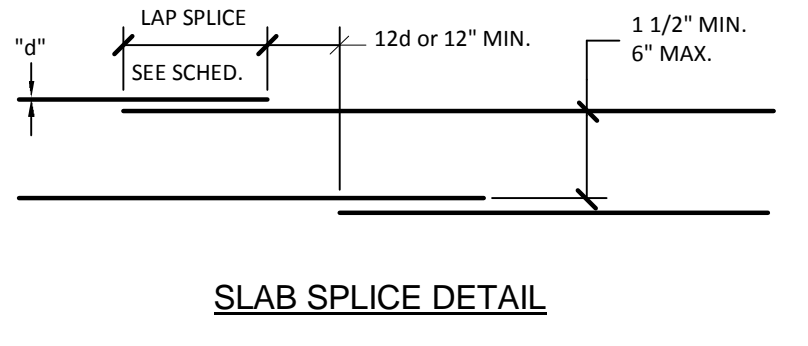
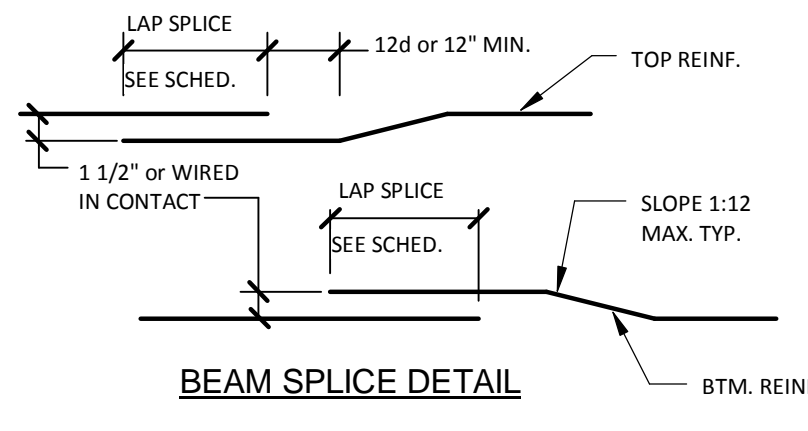
- 1. REINFORCING SHALL BE DETAILED AND PLACED IN CONFORMANCE WITH ACI DETAILING MANUAL.
2. REINFORCING BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60 EXCEPT ALL REINFORCING IN CONCRETE MOMENT FRAMES AND SHEAR WALLS AND ALL WELDED REINFORCEMENT SHALL CONFORM TO ASTM A706 GRADE 60.

Table: REINFORCING EMBEDMENT / DEVELOPMENT LENGTH. Columns: BAR SIZE, Fc = 3000 PSI, Fc = 4000 PSI, Fc = 5000 PSI. Rows: #3, #4, #5, #6, #7, #8, #9, #10, #11.



- Notes:
1. Fy = 60 ksi.
2. Ld = STRAIGHT BAR DEVELOPMENT LENGTH.
3. Ldb = DEVELOPMENT LENGTH w/ STANDARD HOOK.

Table: REINFORCING LAP SPlice LENGTH SCHEDULE. Columns: BAR SIZE, Fc = 3000 PSI, Fc = 4000 PSI, Fc = 5000 PSI. Rows: #3, #4, #5, #6, #7, #8, #9, #10, #11.



- Notes:
1. Fy = 60 ksi.
2. SPlice LENGTHS ARE FOR NORMAL WEIGHT CONCRETE.
3. ALL SPlices SHALL BE STAGGERED AS SHOWN. IF MORE THAN 50% OF THE REINFORCING IS LAP SPliced WITHIN THE REQUIRED LAP SPlice LENGTH, THE LAP SPlice LENGTH SHALL BE INCREASED BY 30%.

CONCRETE

- 1. ALL PHASES OF WORK PERTAINING TO THE CONCRETE CONSTRUCTION SHALL CONFORM TO THE "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI 318), LATEST EDITION WITH MODIFICATIONS AS NOTED IN THE DRAWINGS OR SPECIFICATIONS.
2. CONCRETE MIXES SHALL BE DESIGNED BY A QUALIFIED TESTING LABORATORY AND APPROVED BY THE STRUCTURAL ENGINEER.

Table: SCHEDULE OF CONCRETE STRENGTHS. Columns: USE (LOCATION), 28 Day Strength, Slump (Max), Air Entrainment. Rows: SLAB ON GRADE (INTERIOR), EXPOSED CONCRETE, FOOTINGS.

DESIGN CRITERIA

- 1. 2012 INTERNATIONAL BUILDING CODE (IBC)
2. LIVE LOADS (REDUCED AS ALLOWED BY THE BUILDING CODE):
A. ROOF = 20 PSF
3. DEAD LOADS:
A. ROOF: 20 PSF

METAL DECKING

- 1. PROVIDE DESIGN, FABRICATION, AND ERECTION OF METAL DECK CONFORMING TO THE STEEL DECK INSTITUTES' "CODE OF RECOMMENDED STANDARD PRACTICE AND BASIC DESIGN SPECIFICATIONS".
2. FORM ROOF DECK FROM STEEL SHEETS CONFORMING TO ASTM A611 OR A663 OR HIGHER SPECIFICATIONS WITH MINIMUM YIELD STRENGTH OF 33 KSI.

JOISTS + JOIST GIRDERS

- 1. PROVIDE OPEN WEB UNDER SLIP, PARALLEL CHORD JOISTS AND JOIST GIRDERS UNLESS NOTED OTHERWISE ON THE DRAWINGS.
2. DESIGN, FABRICATE, AND ERECT OPEN WEB STEEL JOISTS AND JOIST GIRDERS TO THE SPECIFICATIONS OF THE STEEL JOIST INSTITUTE, LATEST EDITION.

SHALLOW FOUNDATIONS

- 1. FOUNDATIONS ARE DESIGNED BASED UPON ASSUMED SOIL BEARING CAPACITIES AS STATED BELOW. FOUNDATION DESIGN SUBJECT TO CHANGE UPON RECEIPT AND REVIEW OF THE REQUESTED GEOTECHNICAL REPORT.
2. ALLOWABLE SOIL BEARING PRESSURES USED IN DESIGN:
A. SPREAD FOOTINGS: 2000 PSF
B. CONTINUOUS FOOTINGS: 2000 PSF

STRUCTURAL STEEL

- 1. STRUCTURAL STEEL SHALL CONFORM TO ASTM A992, UNLESS NOTED OTHERWISE. PIPE COLUMNS SHALL CONFORM TO ASTM A53 TYPE E OR S GRADE B. TUBES SHALL CONFORM TO ASTM A500 GRADE B.
2. DESIGN, FABRICATION, AND ERECTION SHALL BE IN ACCORDANCE WITH AISC SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL BUILDINGS.

Allen & Hoshall, P.L.L.C.
Michael Lebel, Architect
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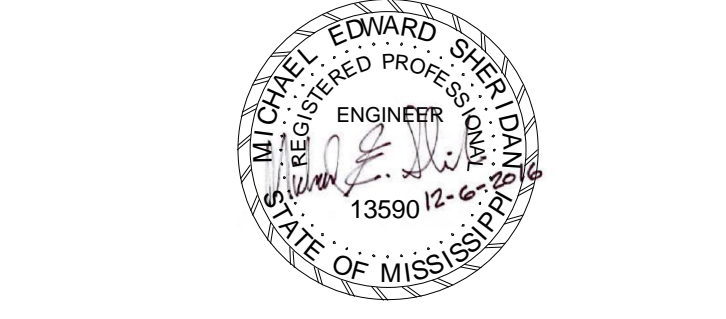
CLASSROOM ADDITION TO LEWISBURG PRIMARY SCHOOL

DESOTO COUNTY SCHOOL BOARD
DESOTO COUNTY, MISSISSIPPI

Table: REVISIONS. Columns: No., Revision, Date.

STRUCTURAL GENERAL NOTES

JOB NO: 62557
DATE: 12.06.16
DRAWN: TBH
CHECKED:
CAD FILE:



LEWISBURG PRIMARY

S1.00



Allen & Hoshall
engineers-architects-surveyors

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CLASSROOM ADDITION TO LEWISBURG PRIMARY SCHOOL

DESOTO COUNTY SCHOOL BOARD
DESOTO COUNTY, MISSISSIPPI

STRUCTURAL SPECIAL INSPECTIONS

JOB NO.: 62557
DATE: 12.06.16
DRAWN: TBH
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LEWISBURG PRIMARY

S1.01

STATEMENT OF SPECIAL INSPECTIONS AGREEMENT

TO PERMIT APPLICANTS OF PROJECTS REQUIRING SPECIAL INSPECTION AND/OR TESTING IN ACCORDANCE WITH SECTION 1704 OF THE INTERNATIONAL BUILDING CODE (IBC):

PROJECT ADDRESS: LEWISBURG PRIMARY SCHOOL
1707 GRAFF RD, OLIVE BRANCH, MS 38654
PERMIT NO:

APPROVAL OF SPECIAL INSPECTIONS: SPECIAL INSPECTORS SHALL HAVE NO FINANCIAL INTEREST IN PROJECTS FOR WHICH THEY PROVIDE SPECIAL INSPECTION. SPECIAL INSPECTORS SHALL BE APPROVED BY THE BUILDING DEPARTMENT PRIOR TO PERFORMING ANY DUTIES. SPECIAL INSPECTORS SHALL SUBMIT THEIR QUALIFICATIONS AND ARE SUBJECT TO PERSONAL INTERVIEWS FOR PREQUALIFICATION. SPECIAL INSPECTORS SHALL DISPLAY APPROVED IDENTIFICATION, AS STIPULATED BY THE BUILDING OFFICIAL, WHEN PERFORMING THE FUNCTION OF SPECIAL INSPECTOR.

SPECIAL INSPECTION AND TESTING SHALL MEET THE MINIMUM REQUIREMENTS OF SECTIONS 1704 AND 1705 OF THE IBC. THE FOLLOWING CONDITIONS ARE ALSO APPLICABLE:

A) DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR

- 1) GENERAL REQUIREMENTS. SPECIAL INSPECTORS SHALL REVIEW APPROVED PLANS AND SPECIFICATIONS FOR SPECIAL INSPECTION REQUIREMENTS. SPECIAL INSPECTORS SHALL COMPLY WITH THE SPECIAL INSPECTION REQUIREMENTS OF THE ENFORCING JURISDICTION FOUND IN THE STATEMENT OF SPECIAL INSPECTIONS, INCLUDING WORK AND MATERIALS.
2) SIGNIFY PRESENCE AT JOB SITE. SPECIAL INSPECTORS SHALL NOTIFY CONTRACTOR PERSONNEL OF THEIR PRESENCE AND RESPONSIBILITIES AT THE JOB SITE. IF REQUIRED BY THE BUILDING OFFICIAL, THEY SHALL SIGN IN ON THE APPROPRIATE FORM POSTED WITH THE BUILDING PERMIT.
3) OBSERVE ASSIGNED WORK. SPECIAL INSPECTORS SHALL INSPECT ALL WORK ACCORDING TO THE STATEMENT OF SPECIAL INSPECTIONS FOR WHICH THEY ARE RESPONSIBLE FOR COMPLIANCE WITH THE BUILDING-DEPARTMENT-APPROVED (STAMPED) PLANS AND SPECIFICATIONS, AND THE APPLICABLE PROVISIONS OF SECTION 1704 OF THE IBC.
4) REPORT NONCONFORMING ITEMS (DISCREPANCIES). SPECIAL INSPECTORS SHALL BRING ALL NONCONFORMING ITEMS TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR. IF ANY SUCH ITEM IS NOT RESOLVED IN A TIMELY MANNER OR IS ABOUT TO BE INCORPORATED INTO THE WORK, THE DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AND THE BUILDING OFFICIAL SHALL BE NOTIFIED IMMEDIATELY AND THE ITEM NOTED IN THE SPECIAL INSPECTOR'S WRITTEN REPORT (SEE SECTION 1704.2.4). THE SPECIAL INSPECTOR SHALL INCLUDE IN THE REPORT AT A MINIMUM THE FOLLOWING FOR EACH NONCONFORMING ITEM:
- DESCRIPTION AND EXACT LOCATION.
- REFERENCE TO APPLICABLE DETAIL OF APPROVED PLANS/SPECIFICATIONS.
- NAME AND TITLE OF EACH INDIVIDUAL NOTIFIED AND METHOD OF NOTIFICATION.
- RESOLUTION OF CORRECTIVE ACTION TAKEN.

- 5) PROVIDE TIMELY PROGRESS REPORTS. THE SPECIAL INSPECTOR SHALL COMPLETE WRITTEN INSPECTION REPORTS FOR EACH INSPECTION VISIT AND PROVIDE THE REPORTS ON A TIMELY BASIS AS DETERMINED BY THE BUILDING OFFICIAL. THE SPECIAL INSPECTOR HAS TIME TO BECOME FAMILIAR WITH THE PROJECT.
6) PROVIDE ACCESS TO APPROVED PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE SPECIAL INSPECTOR WITH ACCESS TO APPROVED PLANS.
7) RETAIN SPECIAL INSPECTION RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RETAINING, AT THE JOB SITE, ALL SPECIAL INSPECTION RECORDS SUBMITTED BY THE INSPECTOR AND PROVIDING THESE RECORDS FOR REVIEW BY THE BUILDING DEPARTMENT'S INSPECTOR UPON REQUEST.

- 6) SUBMIT FINAL REPORT. SPECIAL INSPECTORS OR INSPECTION AGENCIES SHALL SUBMIT A FINAL SIGNED REPORT TO THE BUILDING DEPARTMENT, AS REQUIRED BY THE BUILDING DEPARTMENT, STATING THAT ALL ITEMS REQUIRING SPECIAL INSPECTION AND TESTING BY THE STATEMENT OF SPECIAL INSPECTIONS WERE FULFILLED AND REPORTED, AND, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, CONFORM TO THE APPROVED PLANS AND SPECIFICATIONS (SEE SECTION 1704.2.4). ITEMS NOT IN CONFORMANCE, UNRESOLVED ITEMS OR ANY DISCREPANCIES IN INSPECTION COVERAGE (i.e. MISSED INSPECTIONS, PERIODIC INSPECTION WHEN CONTINUOUS WAS REQUIRED, ETC.) SHALL BE SPECIFICALLY ITEMIZED IN THIS REPORT.

B) OWNER RESPONSIBILITIES

THE PROJECT OWNER OR AN AGENT OF THE OWNER SHALL BE RESPONSIBLE FOR PROCURING AND FUNDING SPECIAL INSPECTION SERVICES. MEASURES SHALL BE TAKEN TO ENSURE THAT THE SCOPE OF WORK AND DUTIES OF THE SPECIAL INSPECTOR AS OUTLINED IN THE STATEMENT OF SPECIAL INSPECTIONS ARE NOT COMPROMISED.

C) CONTRACTOR RESPONSIBILITIES

- 1) CONTRACTOR SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE, BUILDING OFFICIAL AS REQUIRED BY THE BUILDING OFFICIAL, AND TO THE OWNER, AS REQUIRED BY THE OWNER, PRIOR TO COMMENCEMENT OF THE WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN THE FOLLOWING:
- ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS.
- ACKNOWLEDGEMENT THAT CONTROL SHALL BE EXERCISED TO OBTAIN COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL.
- PROCEDURES FOR EXERCISING CONTROL WITHIN THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING, AND THE DISTRIBUTION OF REPORTS, AND
- IDENTIFICATION AND QUALIFICATIONS OF THE PERSON(S) EXERCISING SUCH CONTROL AND THE POSITION(S) IN THE ORGANIZATION.

- 2) MINIMUM JOB-SITE PROTOCOL FOR SPECIAL INSPECTION:
- NOTIFY THE SPECIAL INSPECTOR. ADEQUATE NOTICE SHALL BE PROVIDED SO THAT THE SPECIAL INSPECTOR HAS TIME TO BECOME FAMILIAR WITH THE PROJECT.
- PROVIDE ACCESS TO APPROVED PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE SPECIAL INSPECTOR WITH ACCESS TO APPROVED PLANS.
- RETAIN SPECIAL INSPECTION RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RETAINING, AT THE JOB SITE, ALL SPECIAL INSPECTION RECORDS SUBMITTED BY THE INSPECTOR AND PROVIDING THESE RECORDS FOR REVIEW BY THE BUILDING DEPARTMENT'S INSPECTOR UPON REQUEST.

ACI 530-11 TABLE 1.19.3
CONCRETE MASONRY LEVEL C QUALITY ASSURANCE

Table with columns: INSPECTION TASK, APPLICABLE TO THIS PROJECT, CONTINUOUS, PERIODIC, TMS 402/ACI 530/ASCE 5, TMS 602/ACI 530.1/ASCE 6, REFERENCE FOR CRITERIA. Rows include: VERIFICATION OF Fm and f'cc, VERIFICATION OF PROPORTIONS OF MATERIALS, VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI), MINIMUM INSPECTION, 1. VERIFY COMPLIANCE WITH APPROVED SUBMITTALS, 2. VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE: a. PROPORTIONS OF SITE-MIXED MORTAR, b. GRADE, TYPE AND SIZE OF REINFORCEMENT, c. PLACEMENT OF MASONRY UNITS, d. PLACEMENT OF REINFORCEMENT, e. GROUT SPACING, f. GROUTING, g. SIZE AND LOCATION OF STRUCTURAL ELEMENTS, h. ANCHORAGE OF MASONRY, i. WELDING OF REINFORCEMENT, j. PREPARATION OF MASONRY DURING COLD WEATHER, k. APPLICATION OF PRESTRESSING FORCE, l. PLACEMENT OF AAC MASONRY, m. PROPERTIES OF THIN-BED MORTAR, 3. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS.

(A) FREQUENCY REFERS TO THE FREQUENCY OF INSPECTION, WHICH MAY BE CONTINUOUS DURING THE TASK LISTED OR PERIODICALLY DURING THE LISTED TASK, AS DEFINED IN THE TABLE.

MINIMUM QUALIFICATIONS FOR STRUCTURAL SPECIAL INSPECTORS^{a,b}

Table with columns: SPECIAL INSPECTION CATEGORY, REQUIRED EXPERIENCE, REQUIRED CERTIFICATION(S), NOTES. Categories include: CONCRETE CONSTRUCTION (PRESTRESSED/PRECAST), REINFORCED CONCRETE, NDT, PIER AND PILE FOUNDATIONS, POST-INSTALLED STRUCTURAL ANCHORS IN CONCRETE, SOILS, STEEL (HIGH-STRENGTH BOLTING), STEEL (WELDING), MASONRY CONSTRUCTION, WOOD CONSTRUCTION, STRUCTURAL COLD-FORMED STEEL, EXCAVATION - SHEETING, CHORING AND BRACING, STRUCTURAL SAFETY - STABILITY AND MECHANICAL DEMOLITION, SEISMIC ISOLATION SYSTEMS, SPECIAL CASES.

ABBREVIATIONS

Table with columns: PE/SE, PE/GE, EIT, AMERICAN CONCRETE INSTITUTE (ACI) CERTIFICATION, AMERICAN WELDING SOCIETY (AWS) CERTIFICATION, AMERICAN SOCIETY OF NON-DESTRUCTIVE TESTING (ASNT) CERTIFICATION, INTERNATIONAL CODE COUNCIL (ICC) CERTIFICATION, NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET), EXTERIOR DESIGN INSTITUTE (EDI) CERTIFICATION.

IBC 2012 - TABLE 1705.2.2
REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL

Table with columns: VERIFICATION AND INSPECTION, APPLICABLE TO THIS PROJECT, CONTINUOUS, PERIODIC, REFERENCED STANDARD. Rows include: 1. MATERIAL VERIFICATION OF COLD-FORMED STEEL DECK, 2. INSPECTION OF WELDING, 3. COLD-FORMED STEEL DECK, 4. REINFORCING STEEL.

IBC 2012 - TABLE 1705.3
REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION

Table with columns: VERIFICATION AND INSPECTION, APPLICABLE TO THIS PROJECT, CONTINUOUS, PERIODIC, REFERENCED STANDARD, IBC REFERENCE. Rows include: 1. INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS AND PLACEMENT, 2. INSPECTION OF REINFORCING STEEL WELDING, 3. INSPECTION OF ANCHORS CAST IN CONCRETE, 4. INSPECTION OF ANCHORS POST-INSTALLED, 5. VERIFY USE OF REQUIRED DESIGN MIX, 6. AT THE TIME FRESH CONCRETE IS SAMPLED, 7. INSPECTION OF CONCRETE AND SHOTCRETE, 8. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE, 9. INSPECTION OF PRESTRESSED CONCRETE, 10. ERECTION OF PRECAST CONCRETE MEMBERS, 11. VERIFICATION OF IN-SITU CONCRETE STRENGTH, 12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS.

a. WHERE APPLICABLE, SEE ALSO SECTION 1705.11, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.
b. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH ACI 355.2 OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

IBC 2012 - TABLE 1705.6
REQUIRED VERIFICATION AND INSPECTION OF SOILS

Table with columns: VERIFICATION AND INSPECTION TASK, APPLICABLE TO THIS PROJECT, CONTINUOUS, PERIODIC. Rows include: 1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS, 2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH, 3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS, 4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES, 5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED.

- a. IF IT IS RECOGNIZED THAT THE DEVELOPMENT OF QUALIFIED INSPECTORS REQUIRES THOSE INDIVIDUALS TO OBTAIN EXPERIENCE PERFORMING INSPECTIONS OF ACTUAL WORK, THE REQUIREMENTS HEREIN INCLUDE SUCH EXPERIENCE, AS DO SOME OF THE REQUIRED CERTIFICATIONS. TO PROVIDE A VEHICLE FOR INDIVIDUALS TO OBTAIN THIS EXPERIENCE, THEY SHALL PERFORM INSPECTIONS IN ACCORDANCE WITH WRITTEN ASSOCIATE OR APPRENTICE PROGRAMS THAT ARE PREPARED BY THE SIA, APPROVED BY THE SIA AND MEET THE REQUIREMENTS OF THE LOCAL GOVERNING AUTHORITY. THESE PROGRAMS MUST INCLUDE, AT A MINIMUM, PASSING CERTIFICATION EXAMS, WHEN AVAILABLE, ADMINISTERED BY THIRD-PARTY AGENCIES, SUCH AS ICC AND ACI; IN-HOUSE SIA AND THIRD-PARTY TRAINING; OBSERVATION BY THE ASSOCIATE OR APPRENTICE OF INSPECTIONS PERFORMED BY CERTIFIED INSPECTORS; AND PERFORMANCE BY THE ASSOCIATE OR APPRENTICE INSPECTORS OF DUPLICATE INSPECTIONS WITH CERTIFIED INSPECTORS. THIS WRITTEN PROGRAM WILL ALSO DEFINE THE USE OF ASSOCIATE OR APPRENTICE INSPECTORS AND WILL LIMIT THEIR USE BASED UPON THE LEVEL OF SUPERVISION AND THE COMPLEXITY OF THE INSPECTION ASSIGNMENT. THE COMPLEXITY OF AN ASSIGNMENT SHALL BE MINIMAL AND/OR TASK SPECIFIC. SUPERVISION SHALL BE DIRECT, WITH A CERTIFIED INSPECTOR BEING PRESENT AT THE SITE WITH THE ASSOCIATE OR APPRENTICE. THE ASSOCIATE OR APPRENTICE TO CERTIFIED INSPECTOR RATIO ON A PROJECT SITE SHALL NOT EXCEED 1:1. ALL DOCUMENTS RELATED TO WORK BY AN ASSOCIATE OR APPRENTICE INSPECTOR MUST BE COSIGNED BY A CERTIFIED INSPECTOR. THE WRITTEN PROGRAM MUST INCLUDE DOCUMENTATION OF COMPLIANCE WITH THE PROGRAM.
b. WHEN QUALIFICATIONS FOR SPECIAL INSPECTORS ARE LOCALLY DEFINED, BY STATUTE, ORDINANCE OR RULE THAT MEET OR EXCEED THE REQUIREMENTS OUTLINED IN THIS CRITERIA, THESE LOCAL REQUIREMENTS SHALL BE RECOGNIZED.
c. APPLICANTS SHALL COMPLY WITH ONE OF THE FOLLOWING EDUCATION AND EXPERIENCE REQUIREMENTS:
1. PE, LICENSED ARCHITECTS OR DRP, AND A MINIMUM OF THREE MONTHS OF RELEVANT WORK EXPERIENCE; OR
2. BS IN ENGINEERING, ARCHITECTURE OR PHYSICAL SCIENCE, AND A MINIMUM OF SIX MONTHS OF RELEVANT WORK EXPERIENCE; OR
3. TWO YEARS OF VERIFIED COLLEGE OR TECHNICAL SCHOOL (A COPY OF DIPLOMA OR TRANSCRIPT REQUIRED), AND A MINIMUM OF ONE YEAR OF RELEVANT WORK EXPERIENCE; OR
4. HIGH SCHOOL OR EQUIVALENT GRADUATE (A COPY OF DIPLOMA OR CERTIFICATE REQUIRED), AND A MINIMUM OF TWO YEARS OF VERIFIED RELEVANT WORK EXPERIENCE; OR
5. A MINIMUM OF THREE YEARS OF VERIFIED RELEVANT WORK EXPERIENCE.
d. PE, LICENSED ARCHITECTS OR DRP ARE EXEMP FROM THE REQUIRED CERTIFICATIONS LISTED ON THIS TABLE, BUT ARE SUBJECT TO ON-SITE ASSESSMENT OF COMPETENCE BY IAS.

a. WHERE APPLICABLE, SEE ALSO SECTION 1705.11, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.



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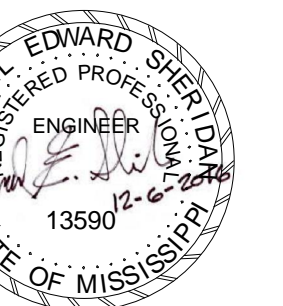
CLASSROOM ADDITION TO
LEWISBURG PRIMARY
SCHOOL

DESOTO COUNTY SCHOOL
BOARD
DESOTO COUNTY, MISSISSIPPI

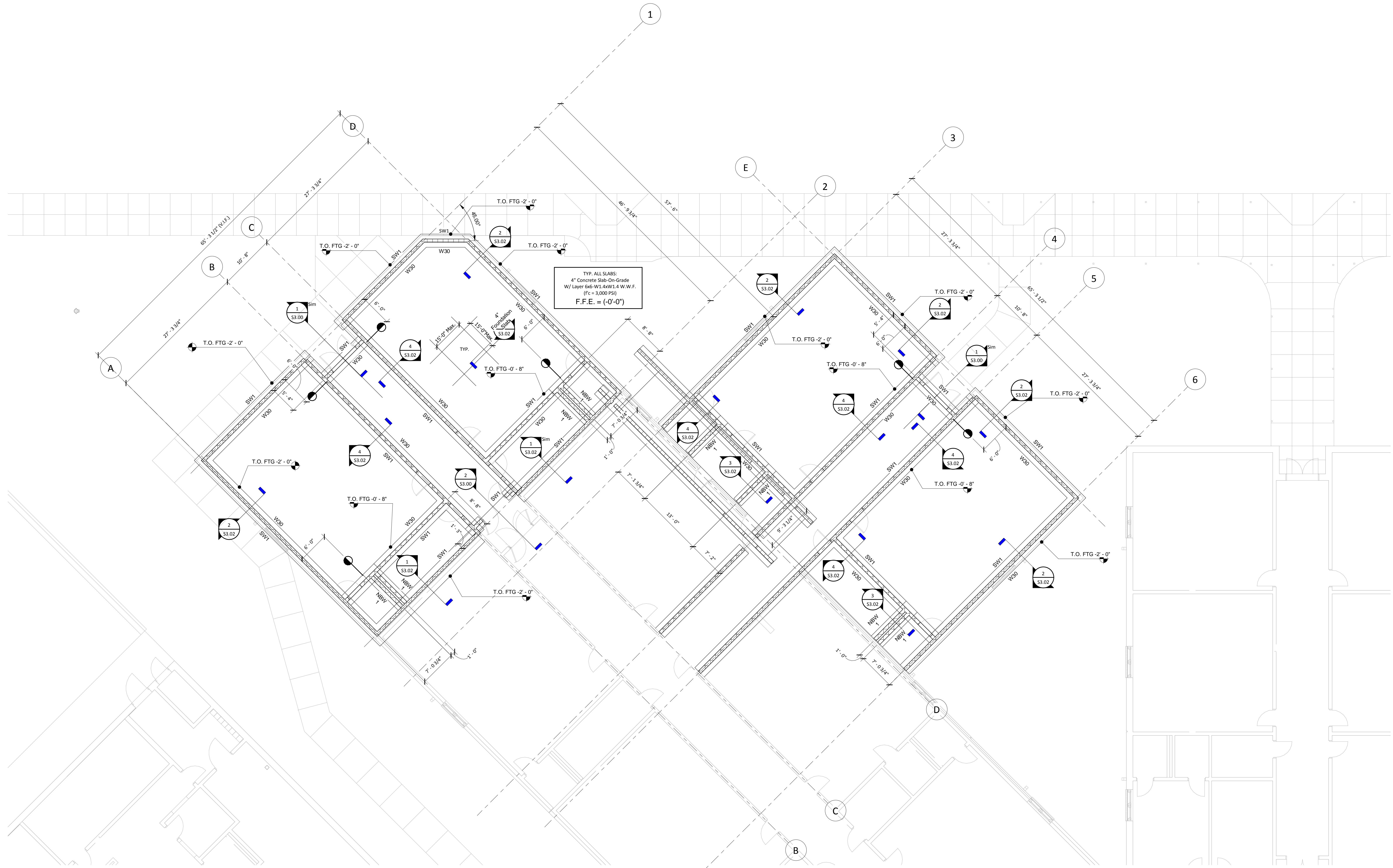
No.	Revision	Date

FOUNDATION PLAN

JOB NO: 62557
DATE: 12.06.16
DRAWN: TBH
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CAD FILE:



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1 FOUNDATION PLAN
1/8" = 1'-0"

- PLAN NOTES:**
- 4" SLAB ON GRADE W/ LAYER 6#1-W1, 4x1, 4 W.W.F. (FC=3000 PSI)
 - 4" STONE SUB-BASE W/ 10 MIL. VAPOR BARRIER
 - FINISHED FLOOR ELEVATION = 0'-0" ⇒ 200'-0" M.S.L. U.N.O. ON PLAN
 - SEE S3.00 FOR GENERAL NOTES
 - SEE S3.00/S3.01 FOR TYPICAL MASONRY WALL SECTIONS AND DETAILS
 - SEE S4.00 SERIES FOR FRAMING DETAILS
 - SEE SHEET S4.03 FOR ALL INFILL/CUTOUT DETAILS WITH EXISTING STRUCTURE
 - COORDINATE & VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS & EXISTING BUILDING DIMENSIONS
 - FOOTING STEPS SHOWN ARE FOR ESTIMATING PURPOSES ONLY. CONTRACTOR TO STEP FOOTINGS AS REQUIRED.

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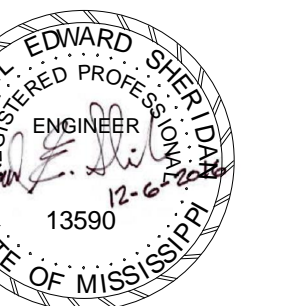
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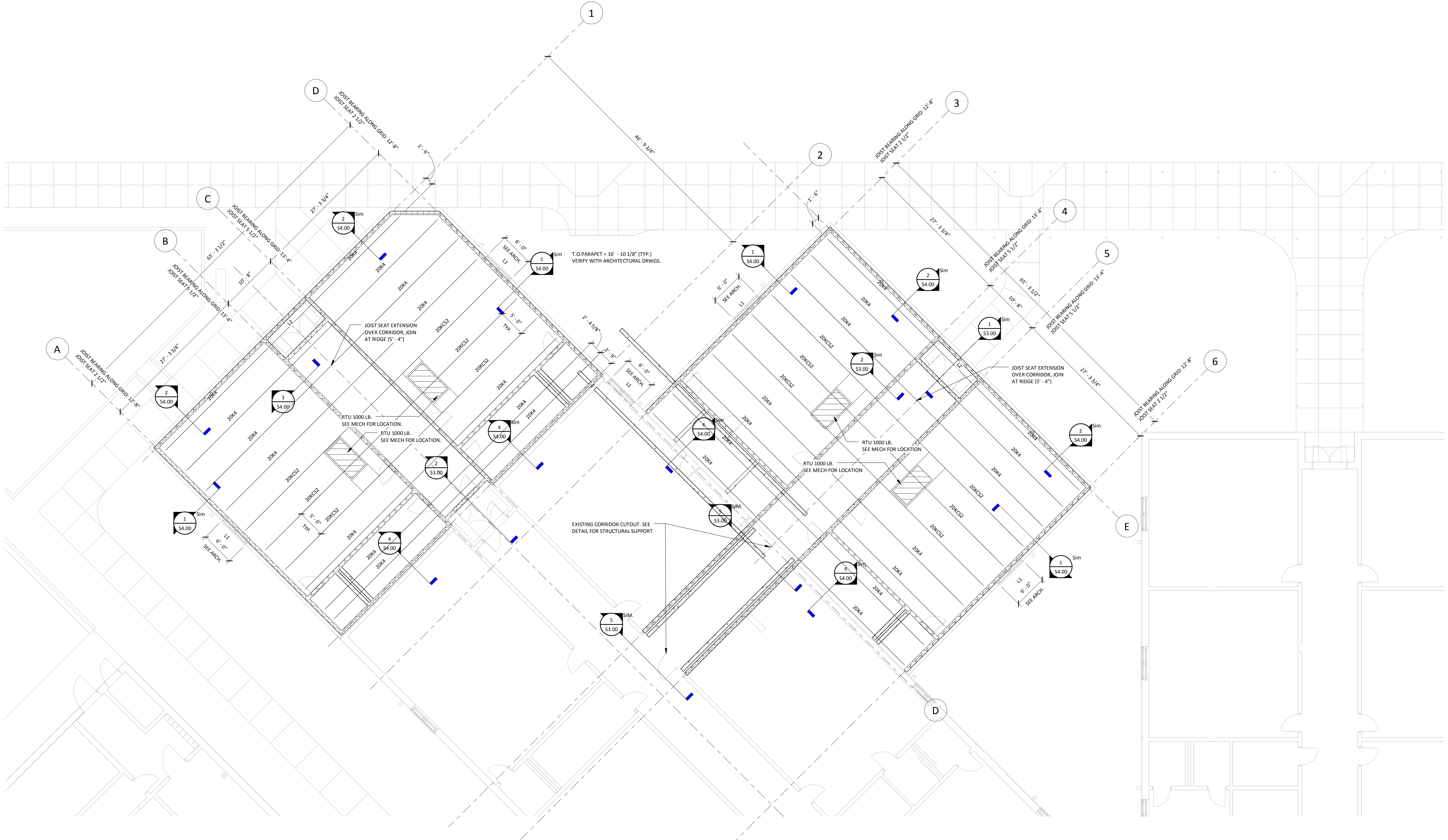
No.	Revision	Date

ROOF FRAMING PLAN

JOB NO: 62557
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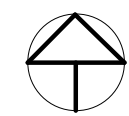
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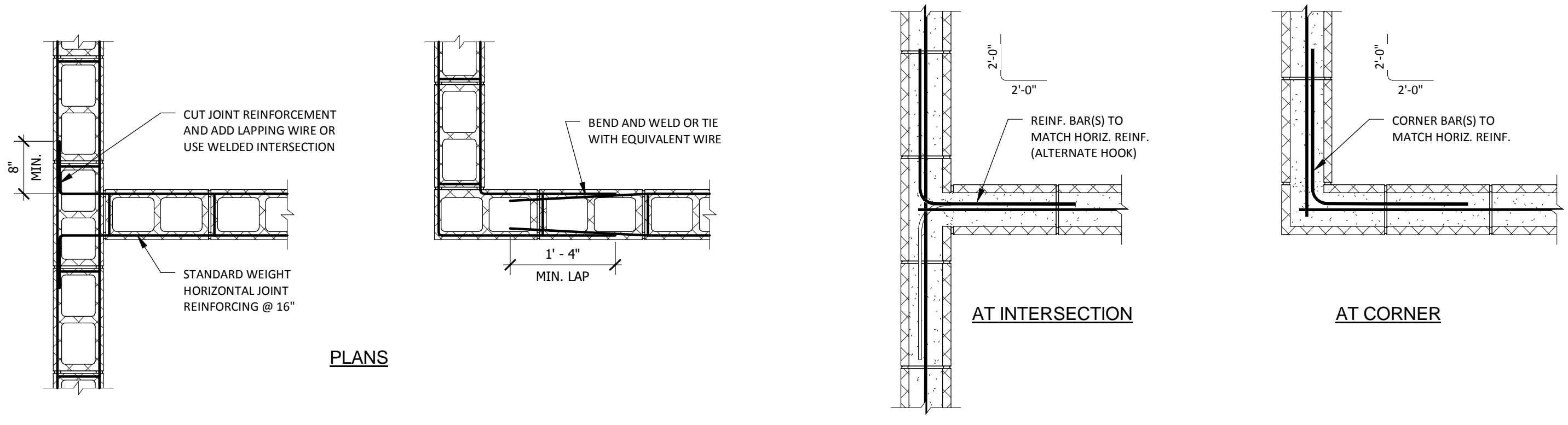


1 ROOF FRAMING
1/8" = 1'-0"

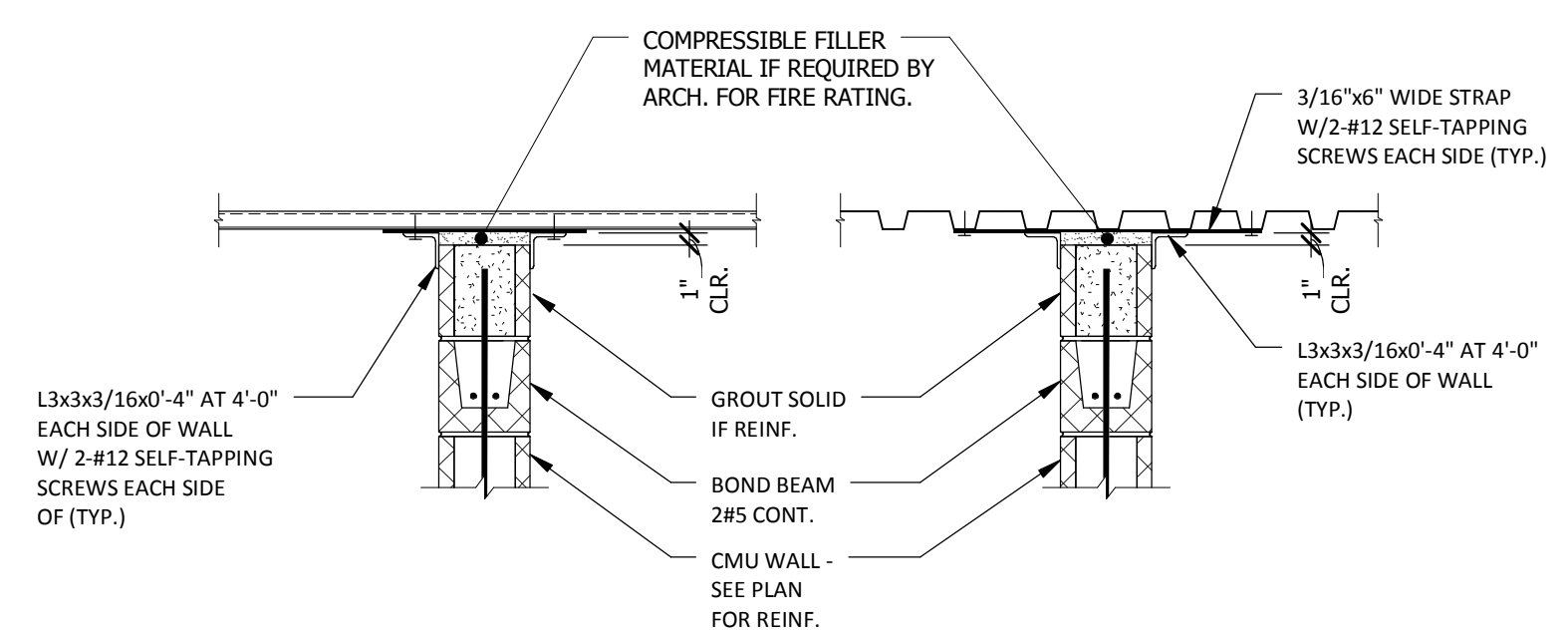
PLAN NOTES:

- SEE S1.00 FOR GENERAL NOTES
- SEE S3.00 SERIES FOR TYPICAL MASONRY SECTIONS AND DETAILS
- SEE S4.00 SERIES FOR FRAMING DETAILS
- DECK: 1 1/2" TYPE B 22GA STEEL ROOF DECK, TYP. U.N.O.
- ALL JOISTS TO BE SPACED EQUALLY IN BAYS U.N.O. ON PLANS
- COORDINATE AND VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS
- JOIST BEARING ELEVATIONS NOTED ON PLAN, TYP. U.N.O.
- ALL MASONRY LINTELS SHALL BE CONSIDERED TO BE TYPE L2 LINTELS, TYP. U.N.O. & L3 LINTELS AT VESTIBULES, TYP. U.N.O.
- ALL JOISTS SUPPORTING MECHANICAL TO BE VERIFIED BY JOIST MANUFACTURER

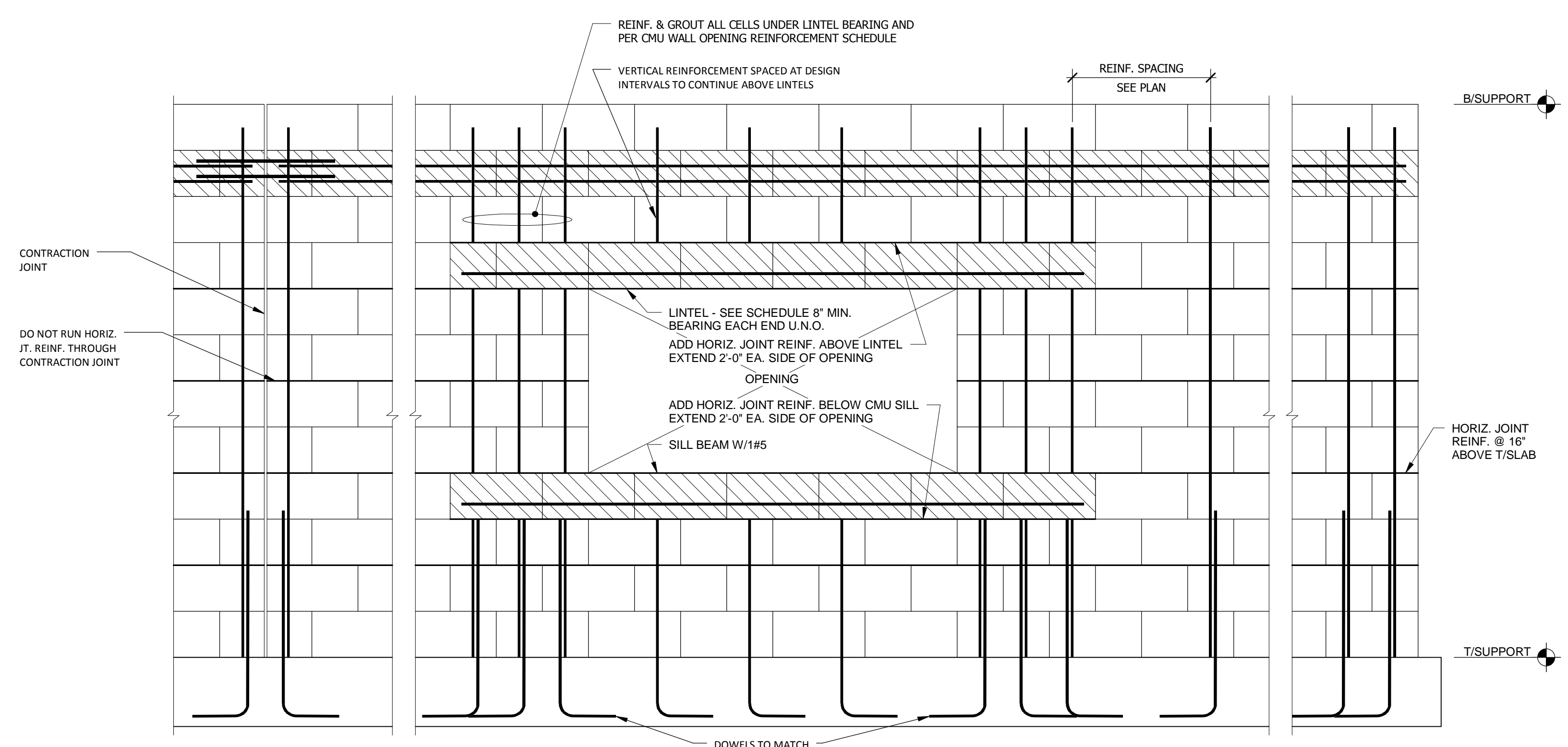




1 JOINT REINF. AT INTERSECTING CMU WALLS
3/4" = 1'-0"
2 BOND BEAM REINF. AT INTERSECTING CMU WALL
3/4" = 1'-0"



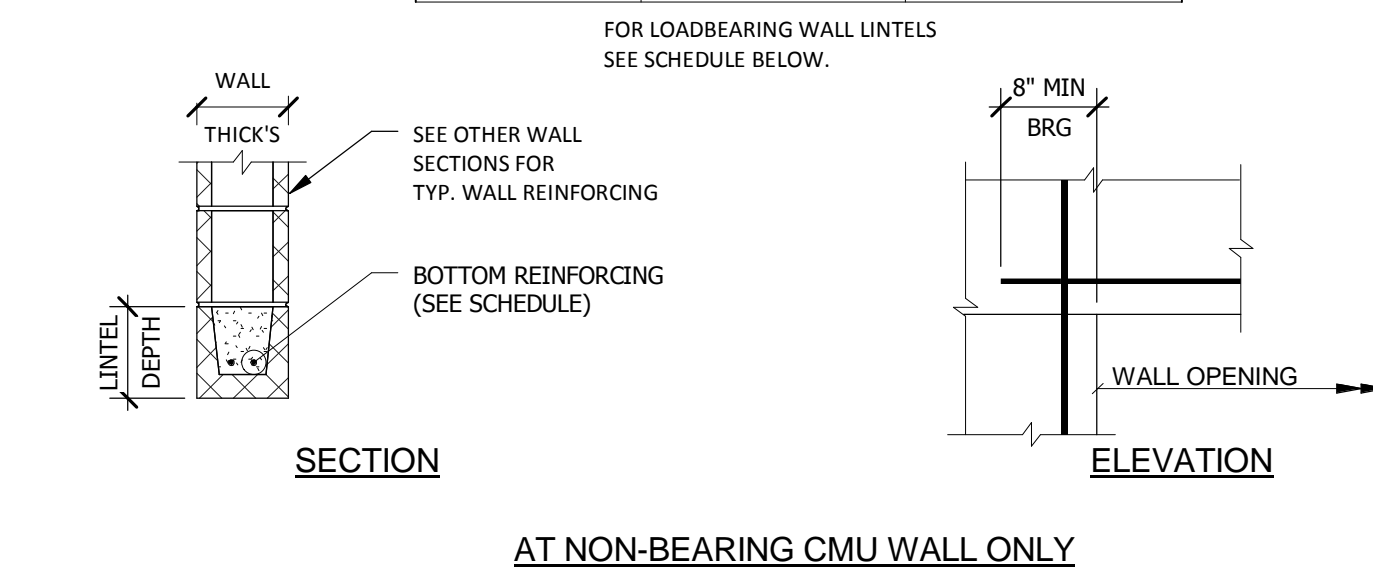
3 TYP. CMU WALL BRACING DETAIL AT ROOF DECK - NON-BEARING WALL
3/4" = 1'-0"



4 TYPICAL CMU WALL REINFORCING - ELEVATION (NON-LOAD BEARING WALLS)
3/4" = 1'-0"

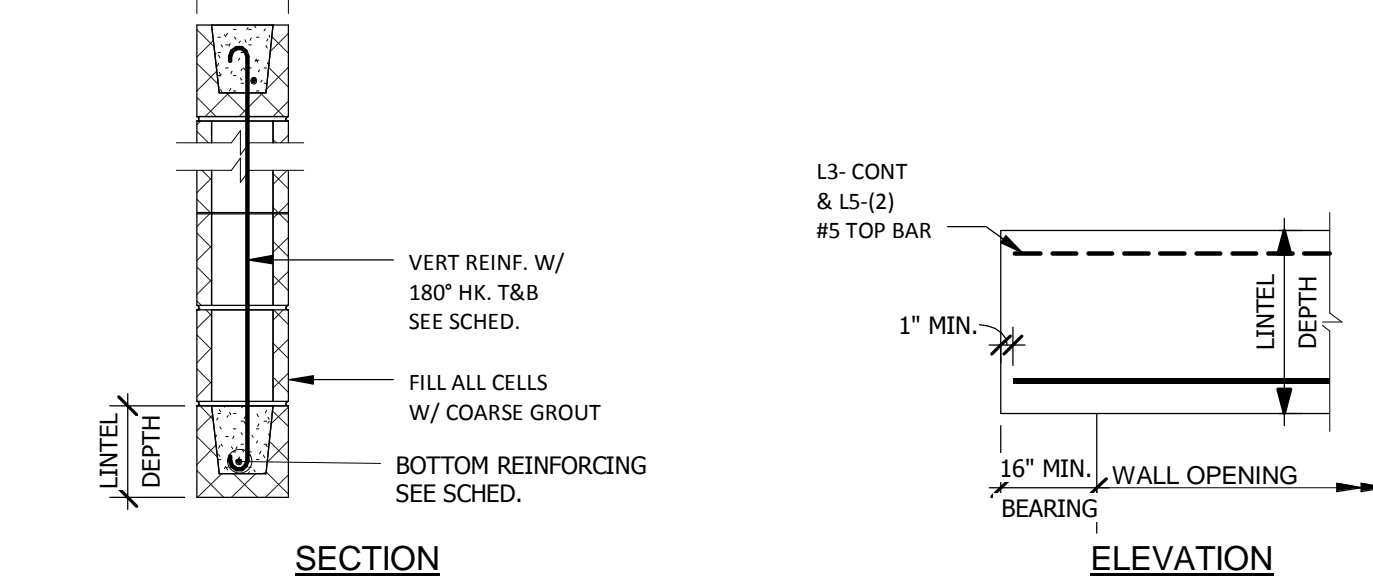
UN-MARKED CMU LINTEL REINFORCEMENT

WALL OPENING WIDTH	LINTEL DEPTH	REINFORCING
UP TO 4'-0"	8"	2#4 BOTTOM
4'-1" TO 6'-0"	8"	2#5 BOTTOM
6'-1" TO 8'-0"	16"	2#5 BOTTOM
8'-1" TO 10'-0"	16"	2#6 BOTTOM



MARKED CMU LINTEL REINFORCEMENT

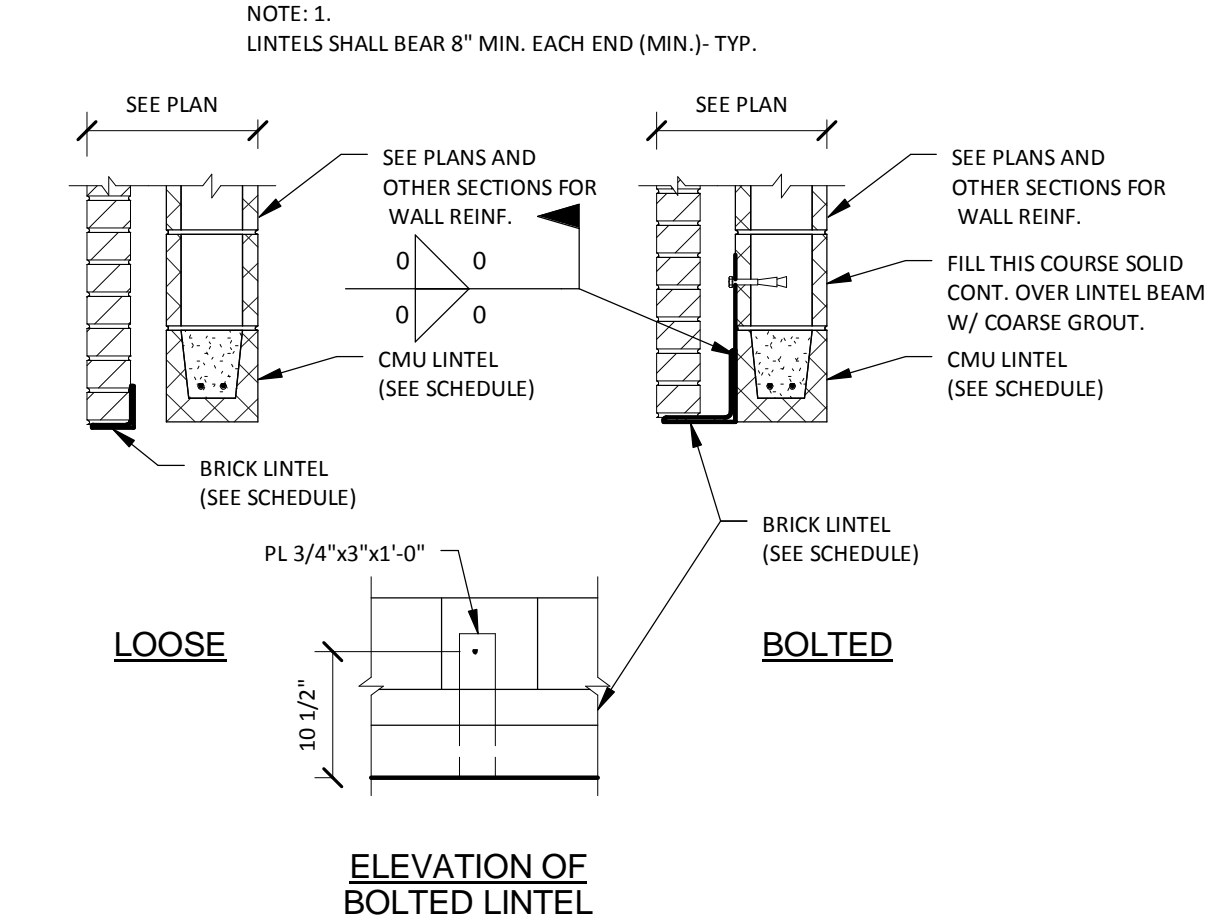
MARK	WALL THICK	LINTEL DEPTH	REINFORCEMENT	
			BOTTOM	VERTICAL
L1	8"	16"	2-#5	-
L2	8"	24"	2-#5	#4@16"



5 CMU LINTEL SCHEDULE
3/4" = 1'-0"

BRICK LINTEL SCHEDULE

OPENING WIDTH	ANGLE SIZE	REMARKS
UP TO 4'-0"	L3 1/2"x3 1/2" x 1/4"	LOOSE
4'-1" TO 8'-0"	L6"x3 1/2" x 5/16" (LLV)	LOOSE
OVER 8'-0"	L6"x6"x5/8"	BOLTED W/ 5/8" EXPANSION ANCHORS @ 2'-0" (4 1/2" EMBED.)



6 BRICK LINTEL SCHEDULE
3/4" = 1'-0"

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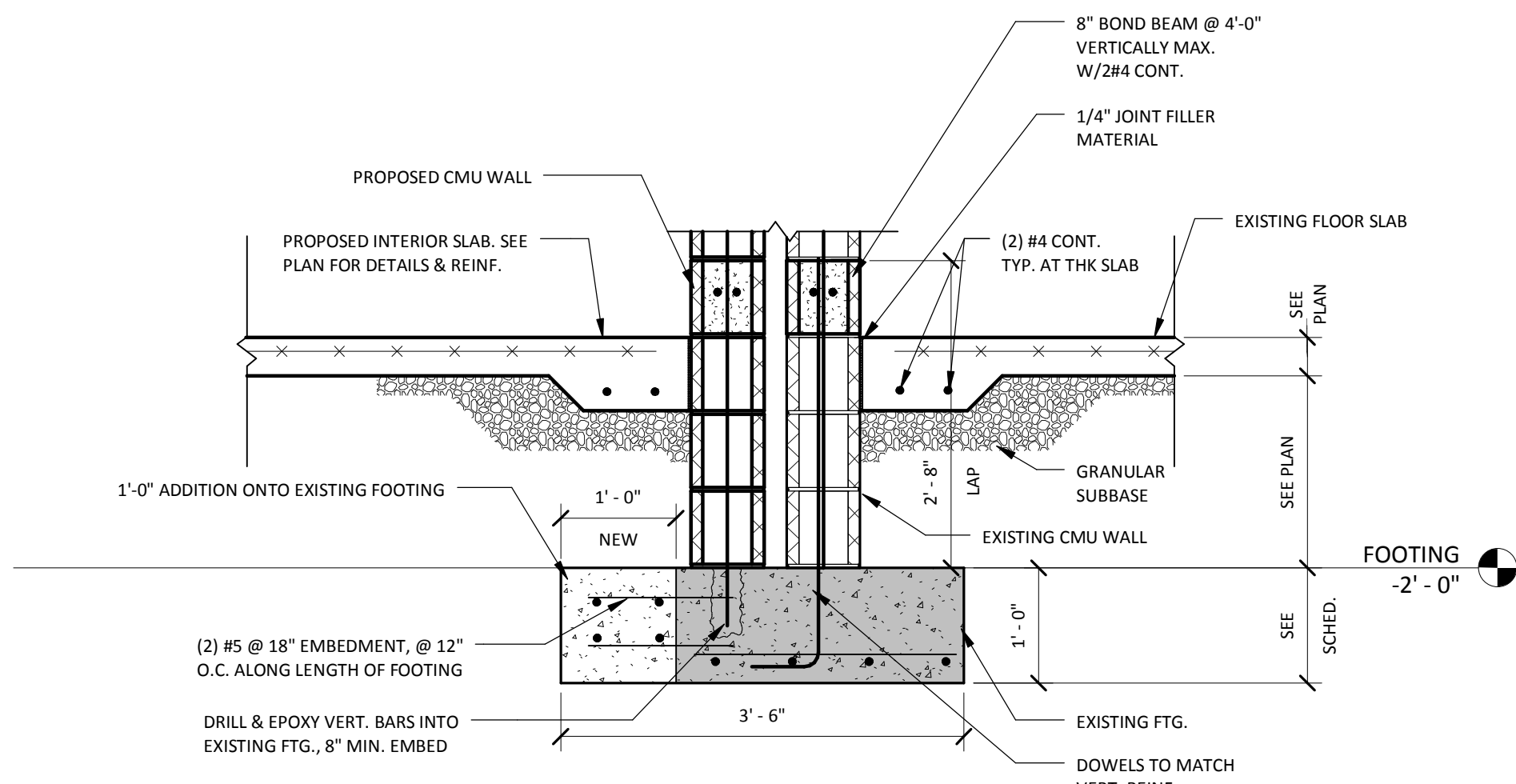
No.	Revision	Date

WALL SECTIONS/DETAILS

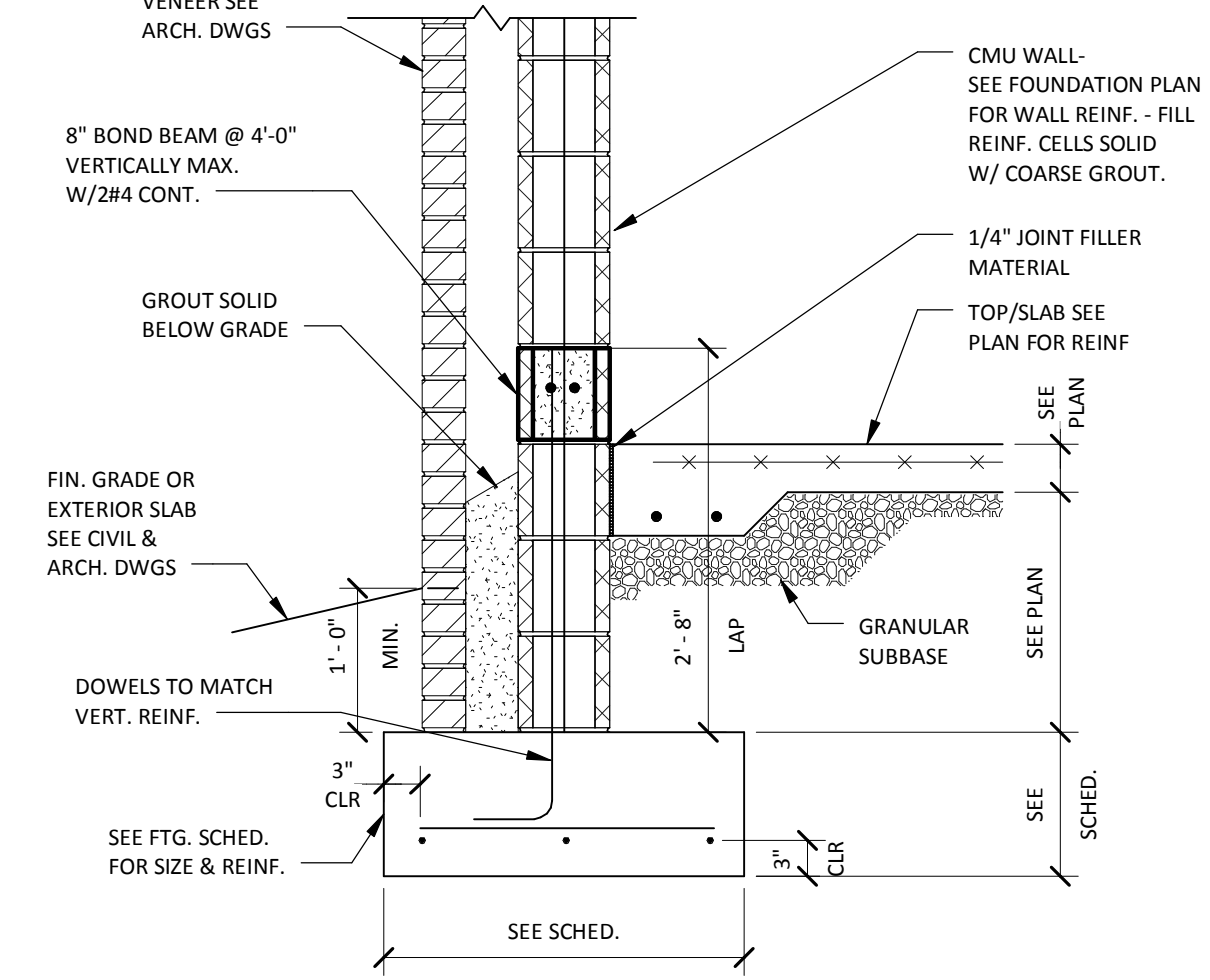
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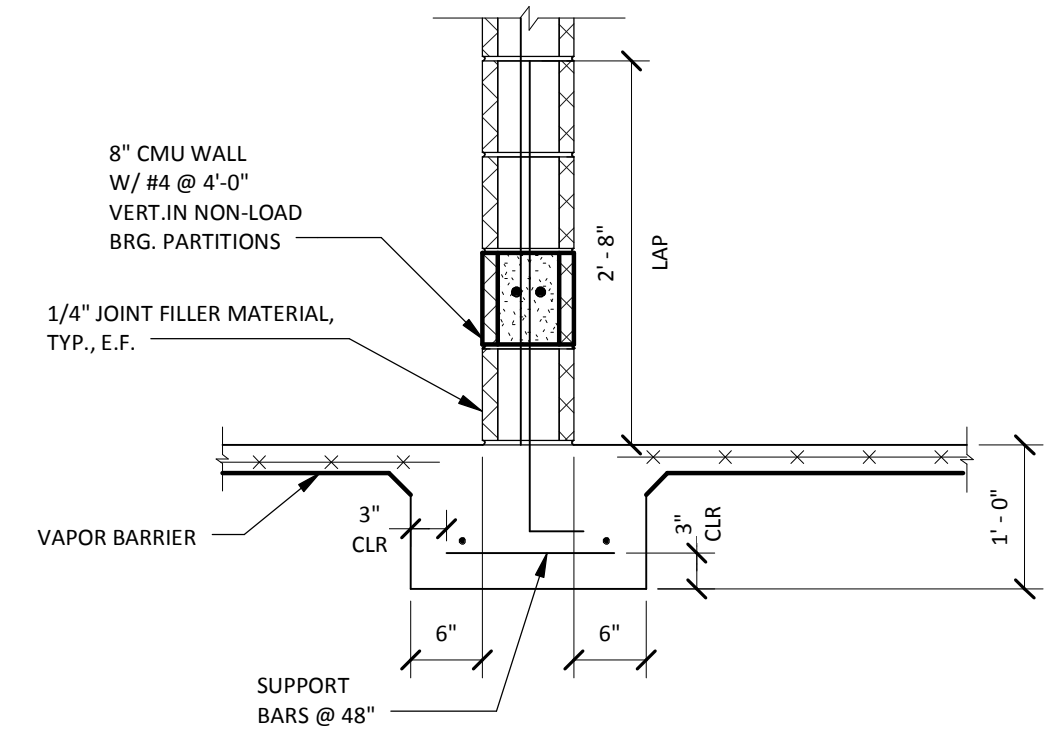
LEWISBURG PRIMARY



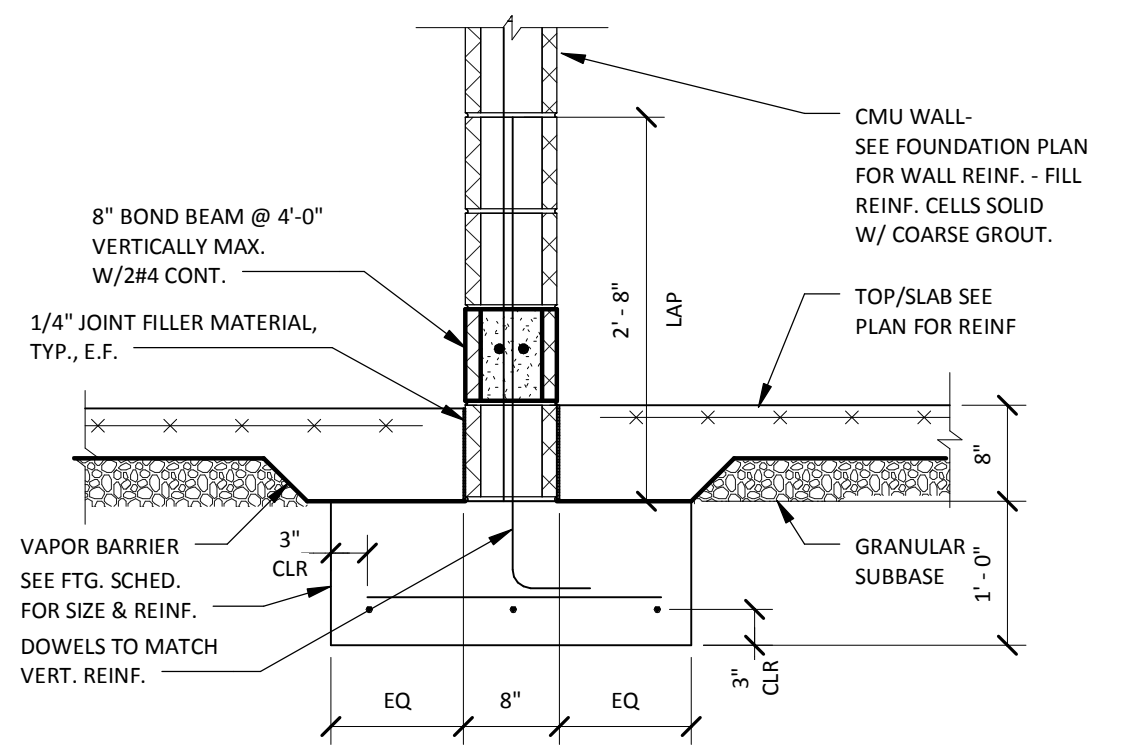
1 SECTION @ FOOTING ADDITION
3/4" = 1'-0"



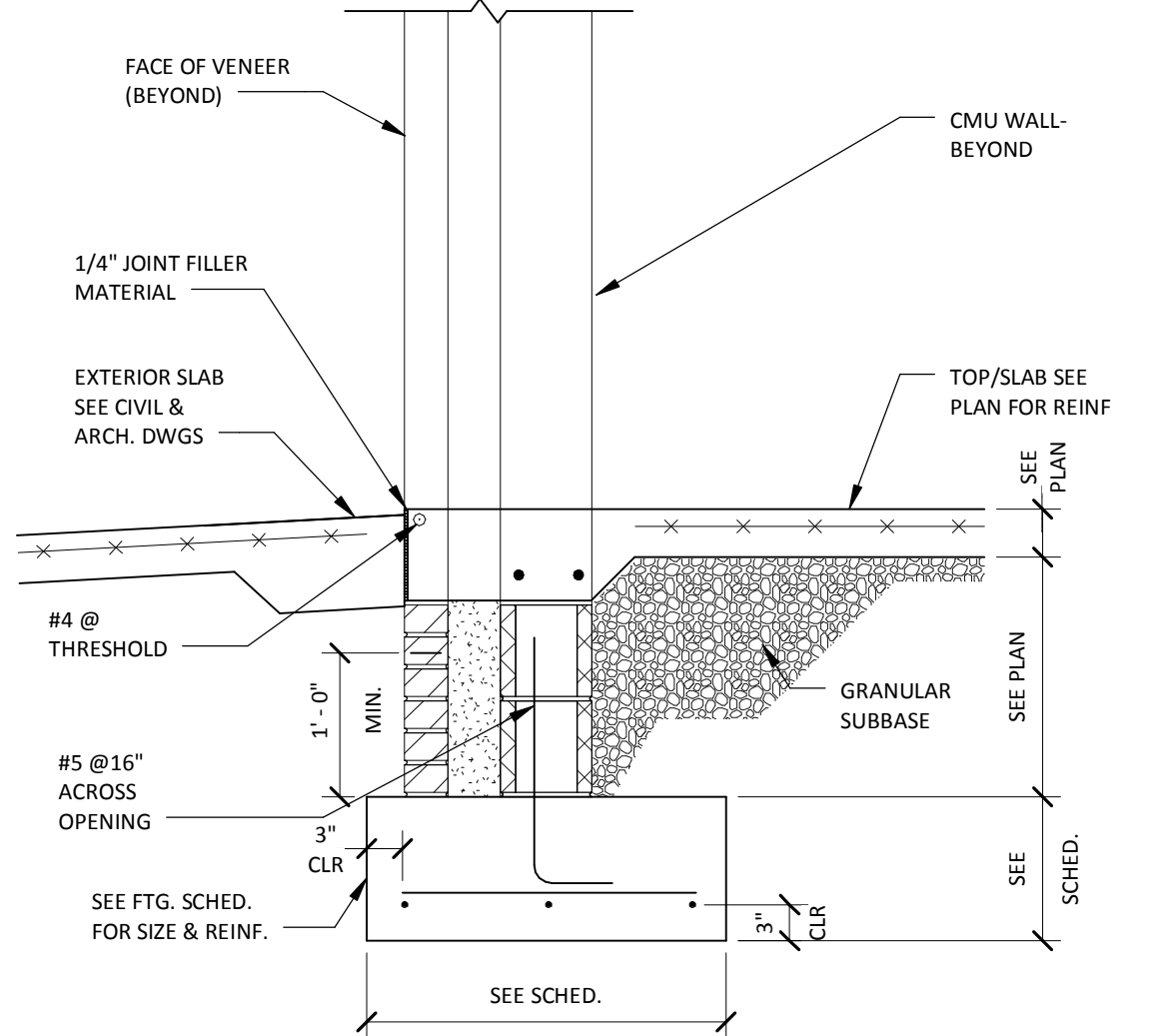
2 EXTERIOR WALL FOOTING
3/4" = 1'-0"



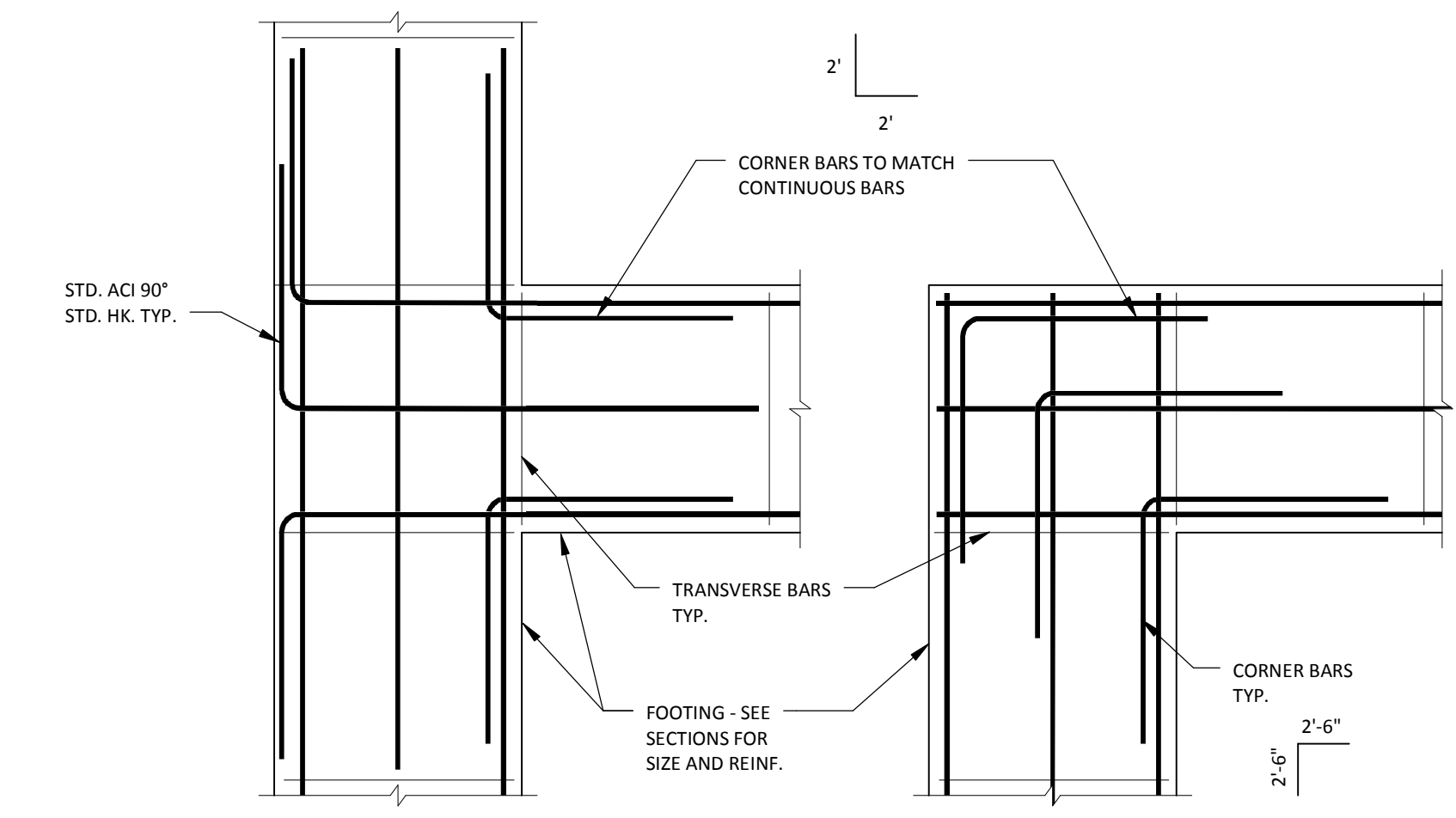
3 THICKENED SLAB AT NON LOAD BEARING CMU WALLS
3/4" = 1'-0"



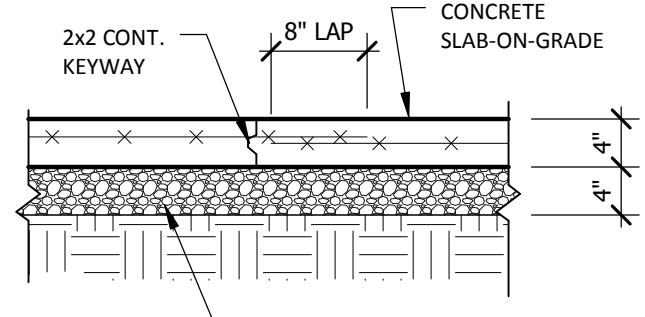
4 SECTION AT INTERIOR LOAD BEARING WALL
3/4" = 1'-0"



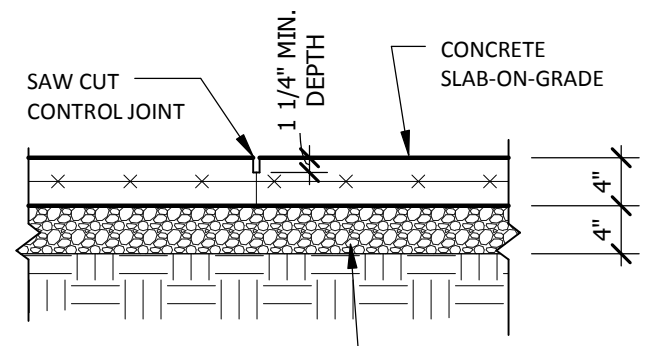
5 SECTION AT DOOR OPENING
3/4" = 1'-0"



6 TYPICAL WALL FOOTING INTERSECTION REINFORCING PLAN
3/4" = 1'-0"



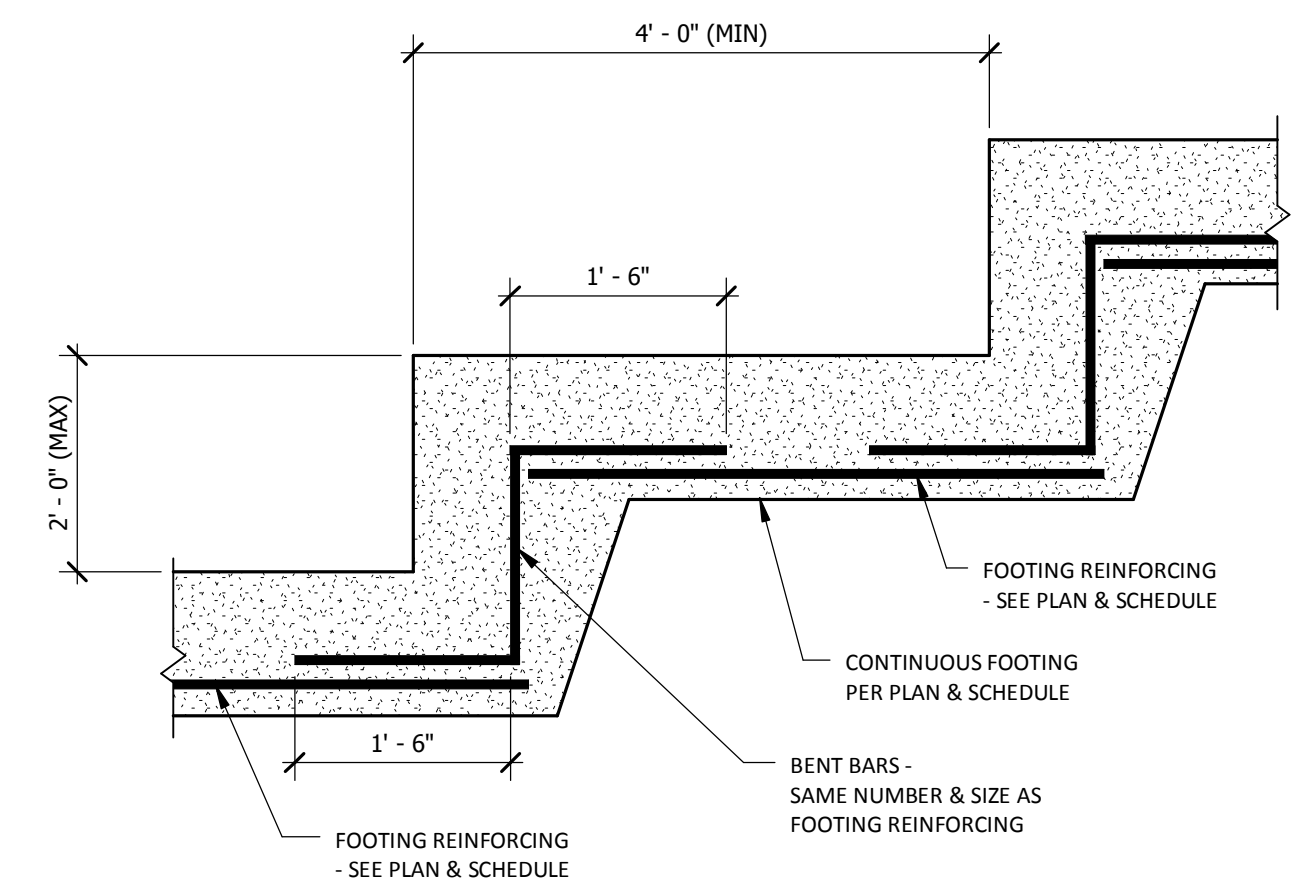
CONSTRUCTION JOINT



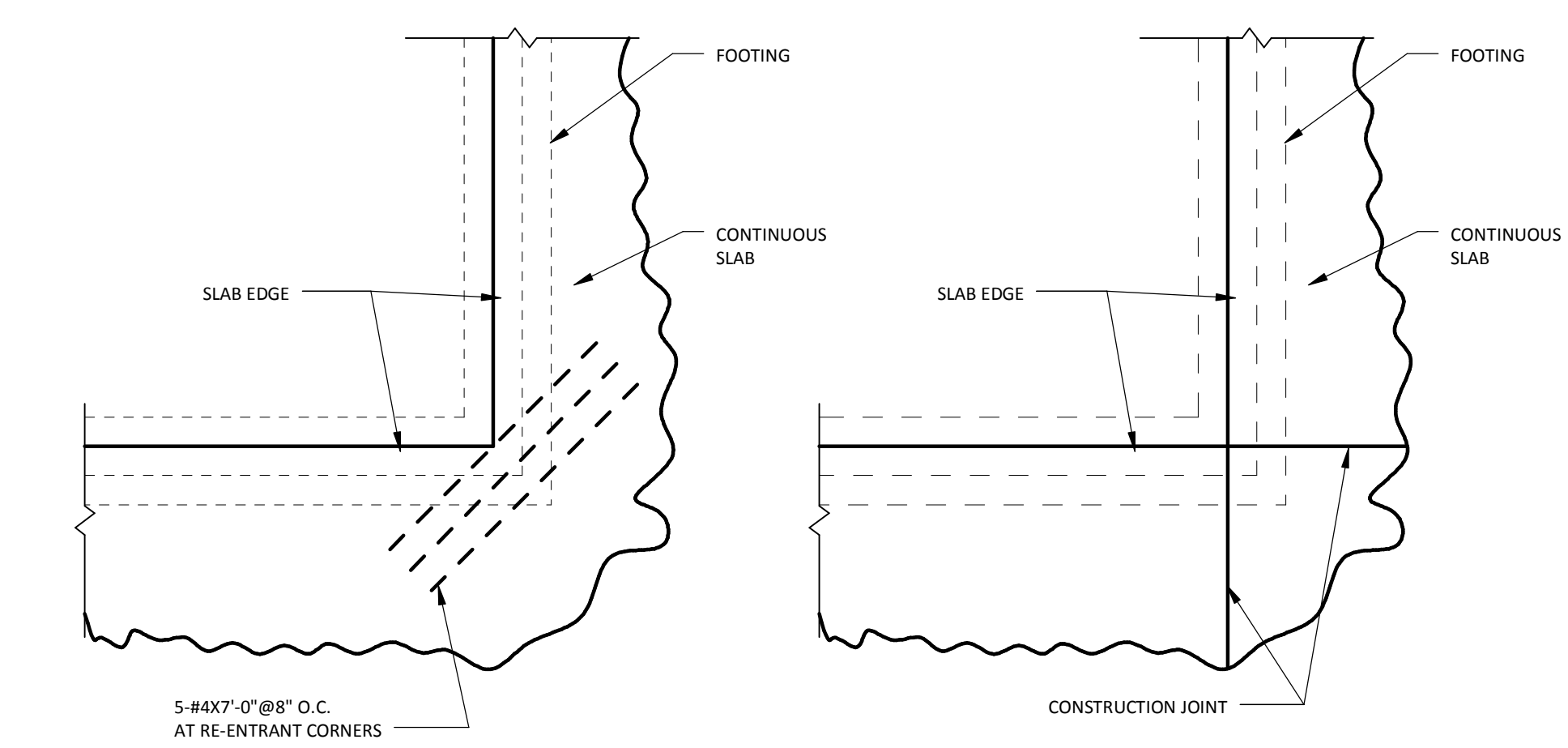
CONTROL JOINT

- NOTES:
1. MAXIMUM SPACING OF CONTROL JOINTS SHALL BE 15'-0" O.C. (U.N.O.).
2. LOCATE CONTROL JOINTS AS SPECIFIED ON ARCHITECTURAL DRAWINGS (WHEN APPLICABLE).
3. PROVIDE 10 MIL VAPOR BARRIER BELOW SLAB (U.N.O.).

7 SLAB-ON-GRADE DETAILS
3/4" = 1'-0"



8 TYPICAL FOOTING STEP DETAIL
3/4" = 1'-0"



9 FLOOR SLAB PLACEMENT
3/4" = 1'-0"

FOOTING SCHEDULE				
Type	WIDTH	THICKNESS	LONGITUDINAL REINF.	TRANSVERSE REINF.
V30	2'-6"	1'-0"	(4) #4 x cont.	#5 @ 40" o.c.

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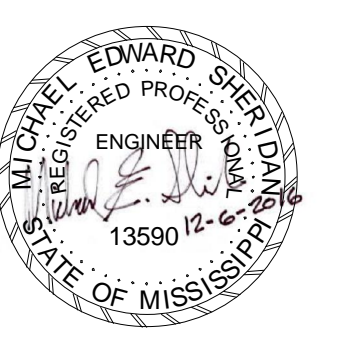
CLASSROOM ADDITION TO
LEWISBURG PRIMARY
SCHOOL

DESOTO COUNTY SCHOOL
BOARD
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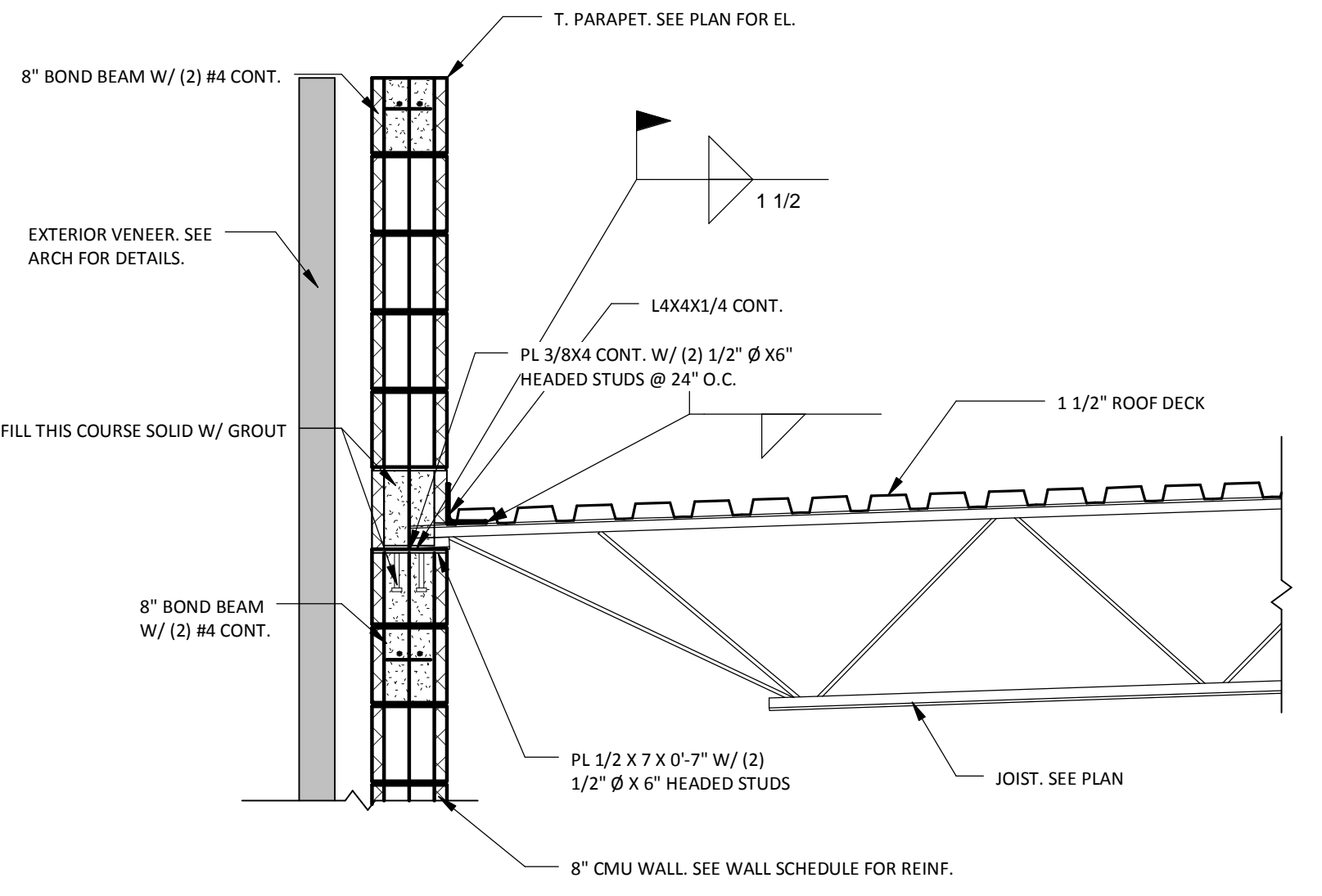
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FOUNDATION DETAILS

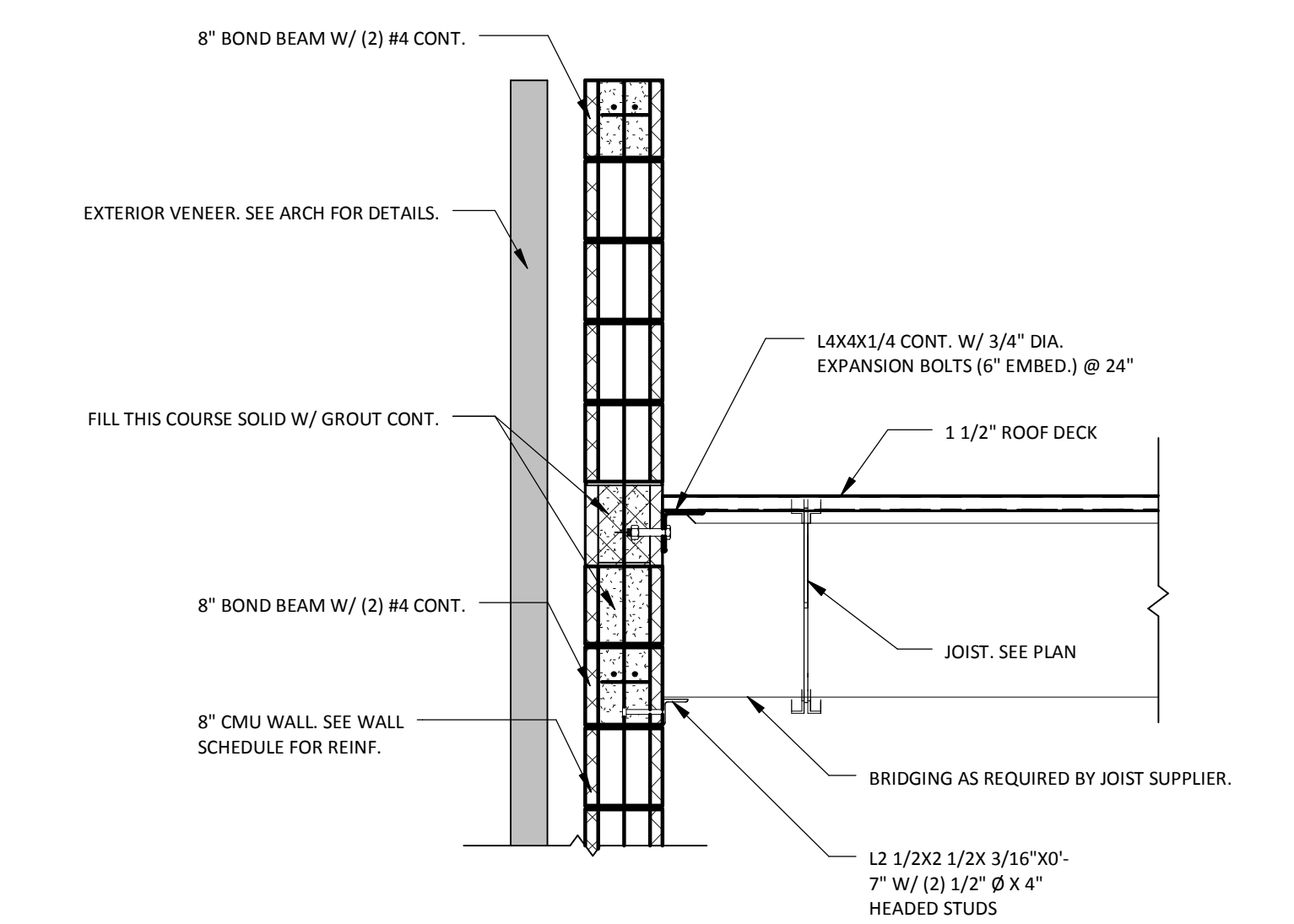
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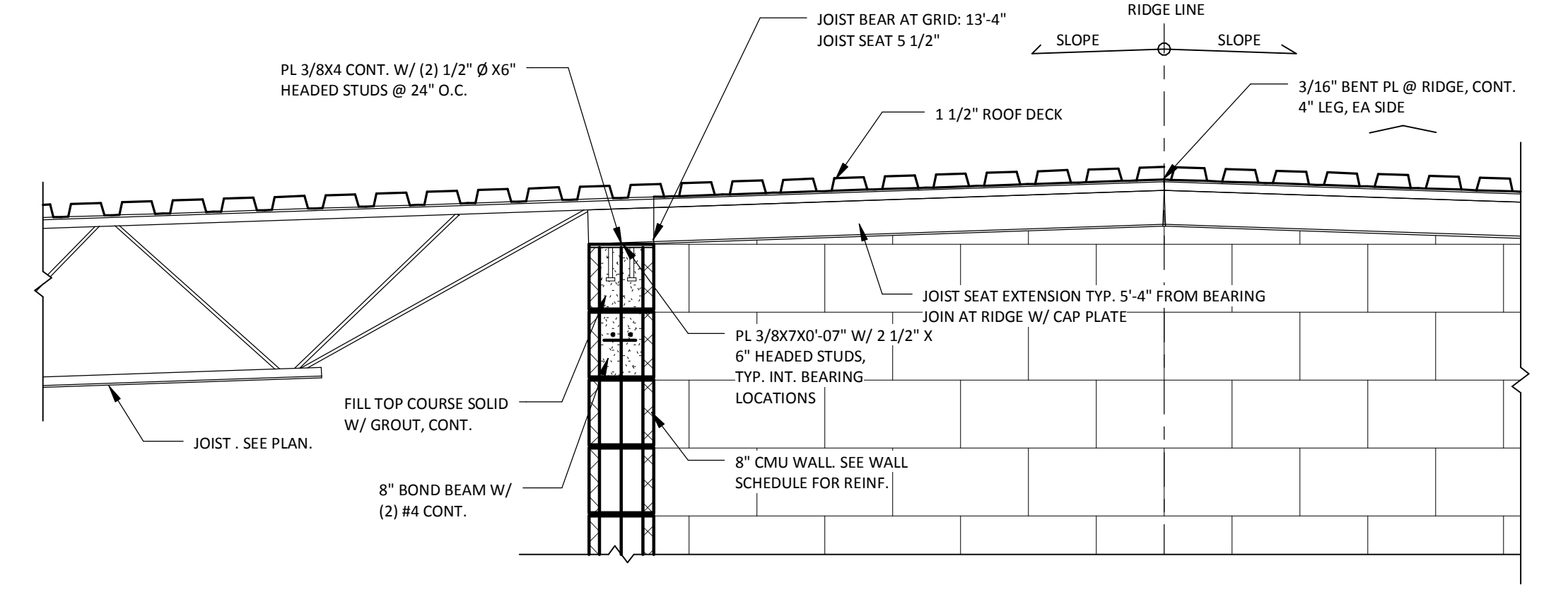
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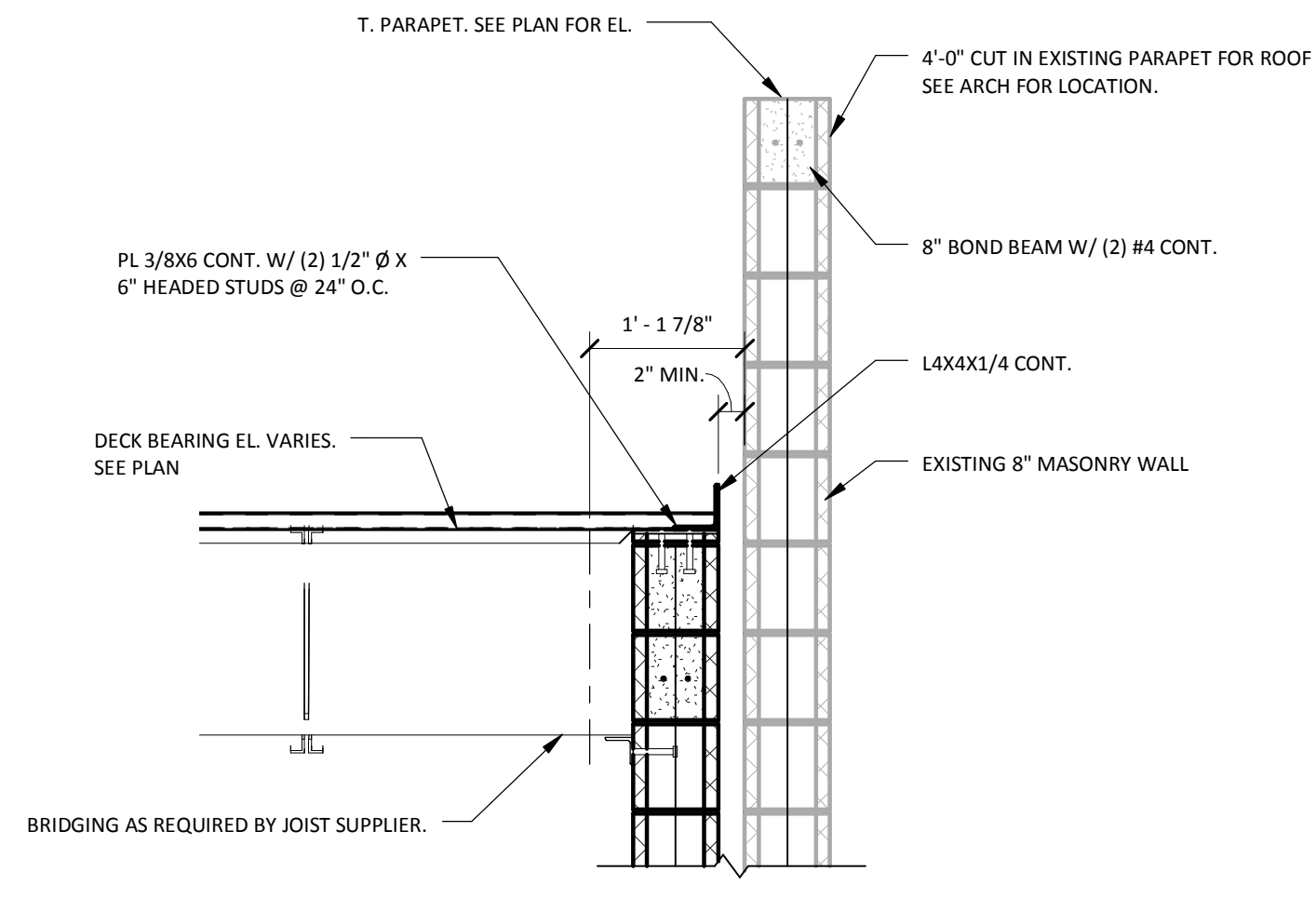
1 SECTION @ EXTERIOR JOIST BEAR TYP
3/4" = 1'-0"



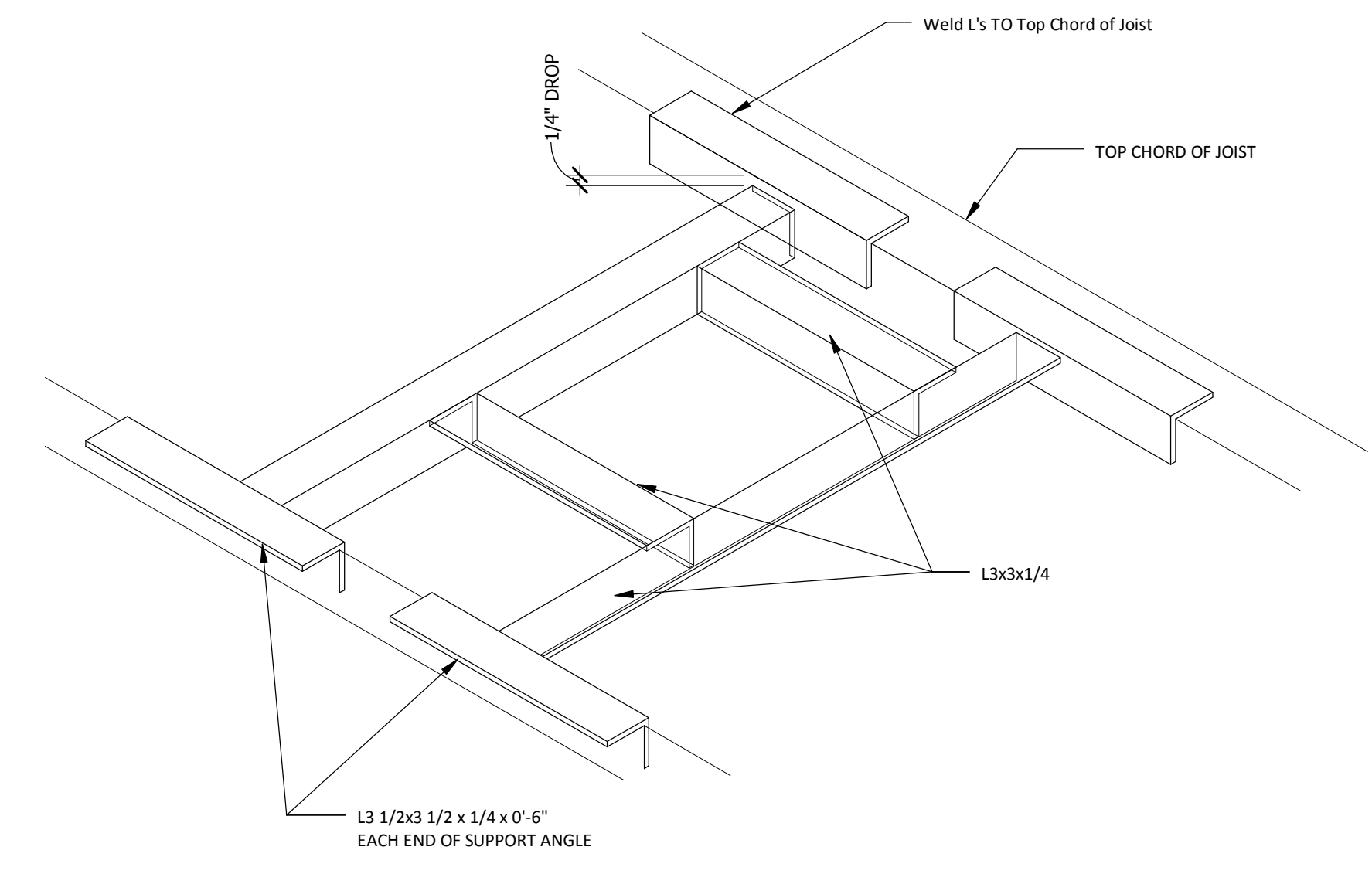
2 SECTION @ EXTERIOR JOIST PARALLEL
3/4" = 1'-0"



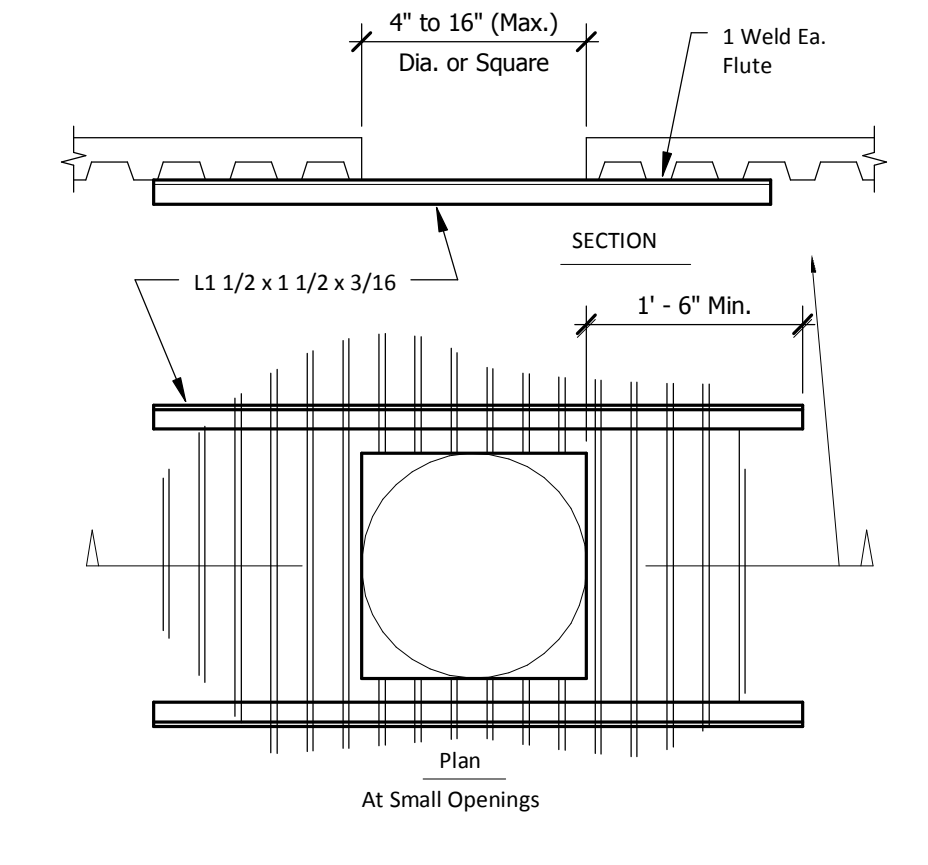
3 SECTION @ INTERIOR BEARING CONDITION
3/4" = 1'-0"



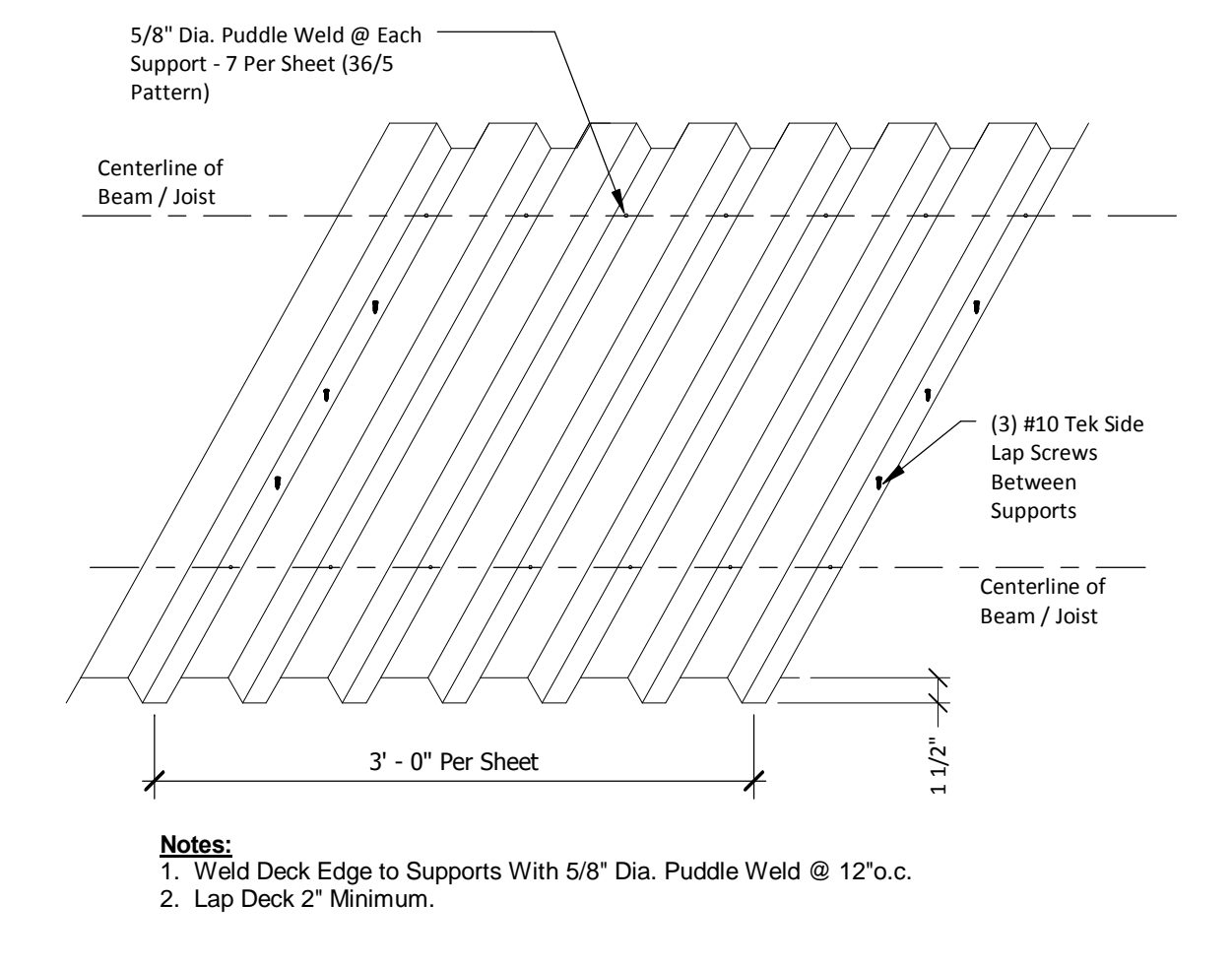
4 EXP JT. TYPICAL
3/4" = 1'-0"



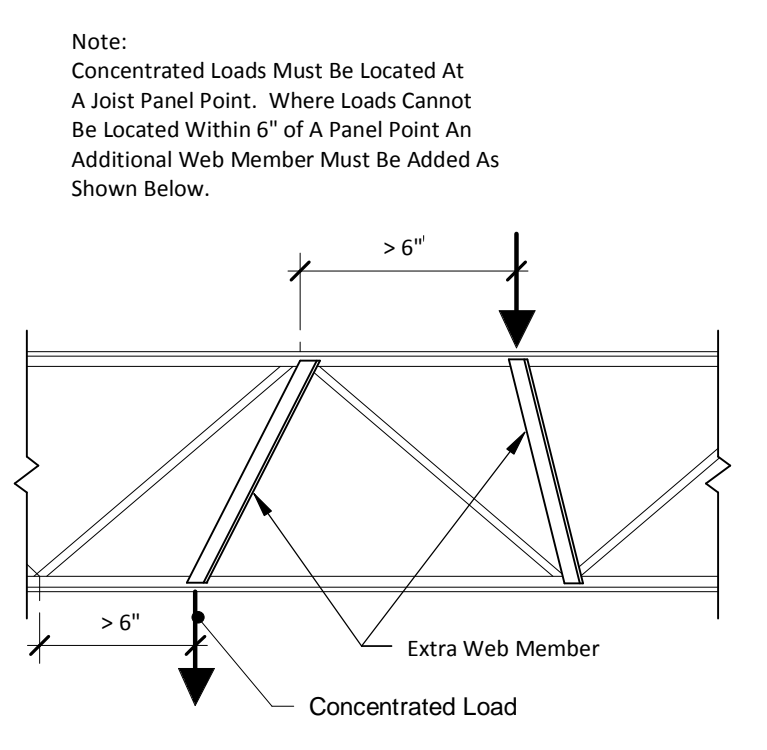
5 TYPICAL ROOF OPENING LARGER THAN (16"Ø OR SQUARE)
3/4" = 1'-0"



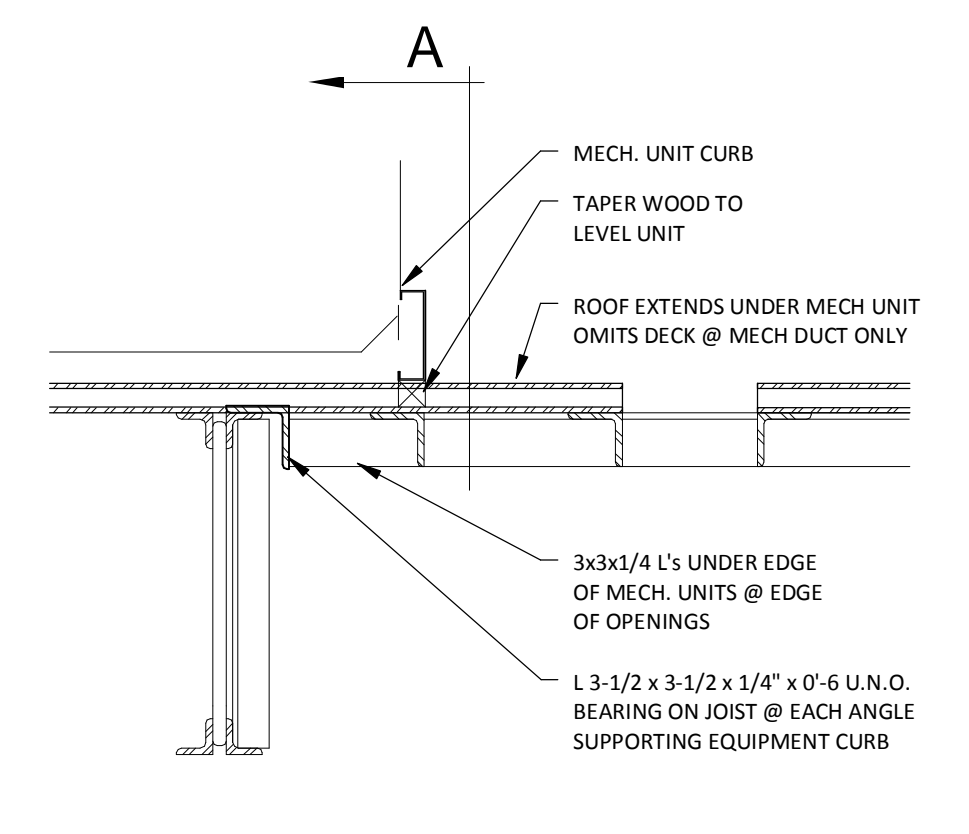
6 TYPICAL ROOF OPENING (4" TO 16"Ø OR SQUARE)
3/4" = 1'-0"



7 ROOF DECK ATTACHMENT DETAIL
3/4" = 1'-0"



8 TYPICAL JOIST MODIFICATION DETAIL
3/4" = 1'-0"



9 DETAIL @ MECHANICAL UNIT SUPPORT
3/4" = 1'-0"

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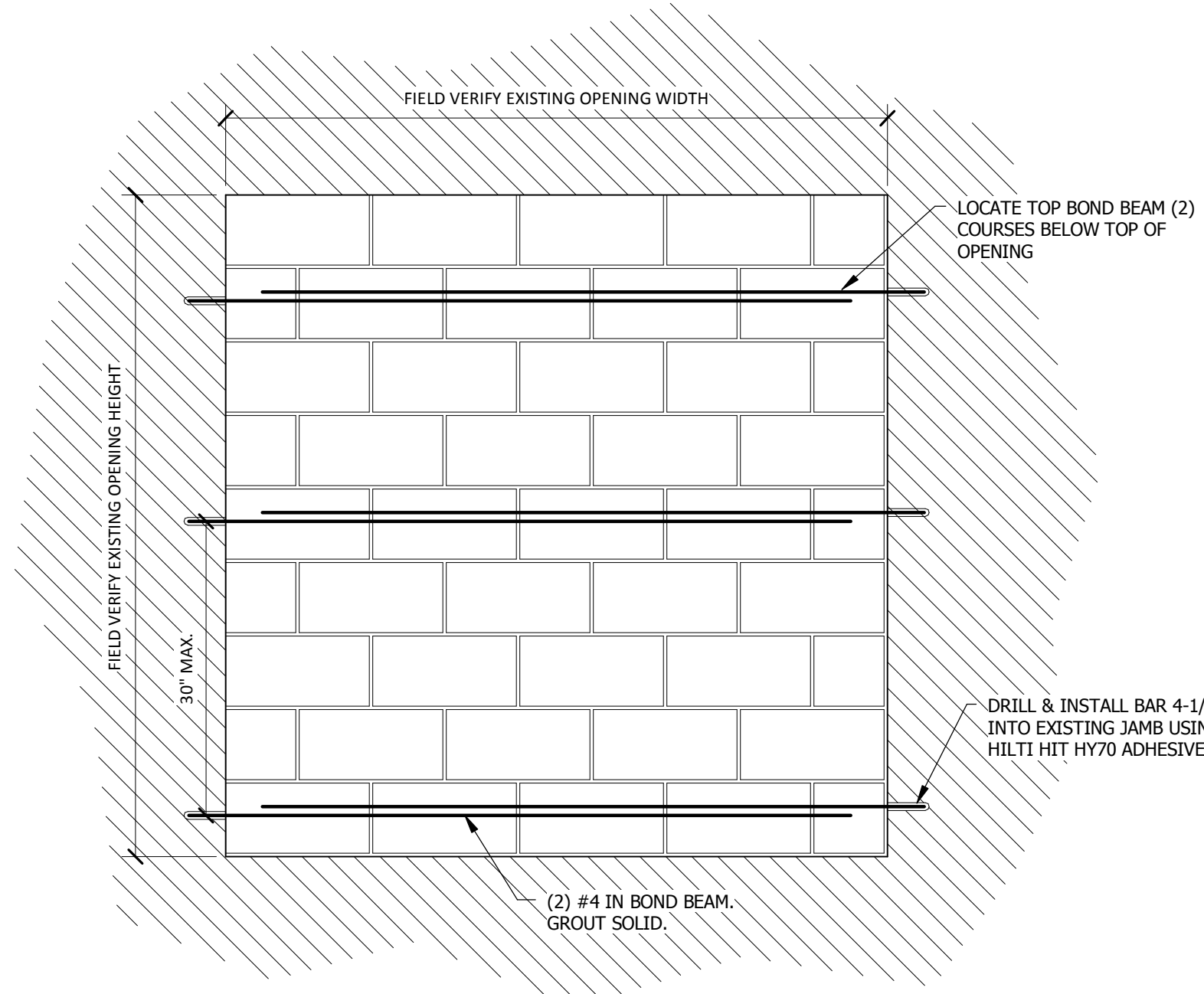
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FRAMING
SECTIONS/DETAILS

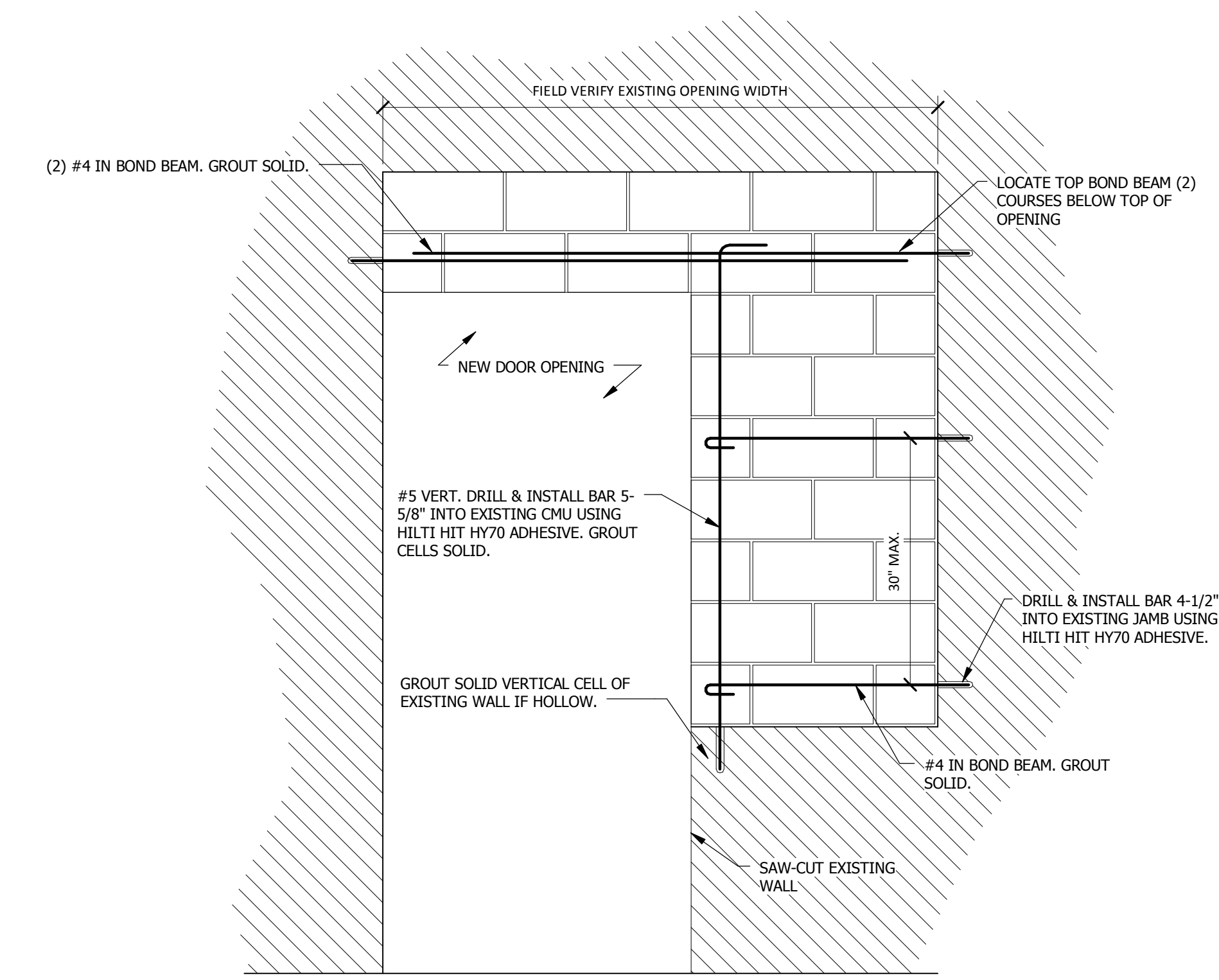
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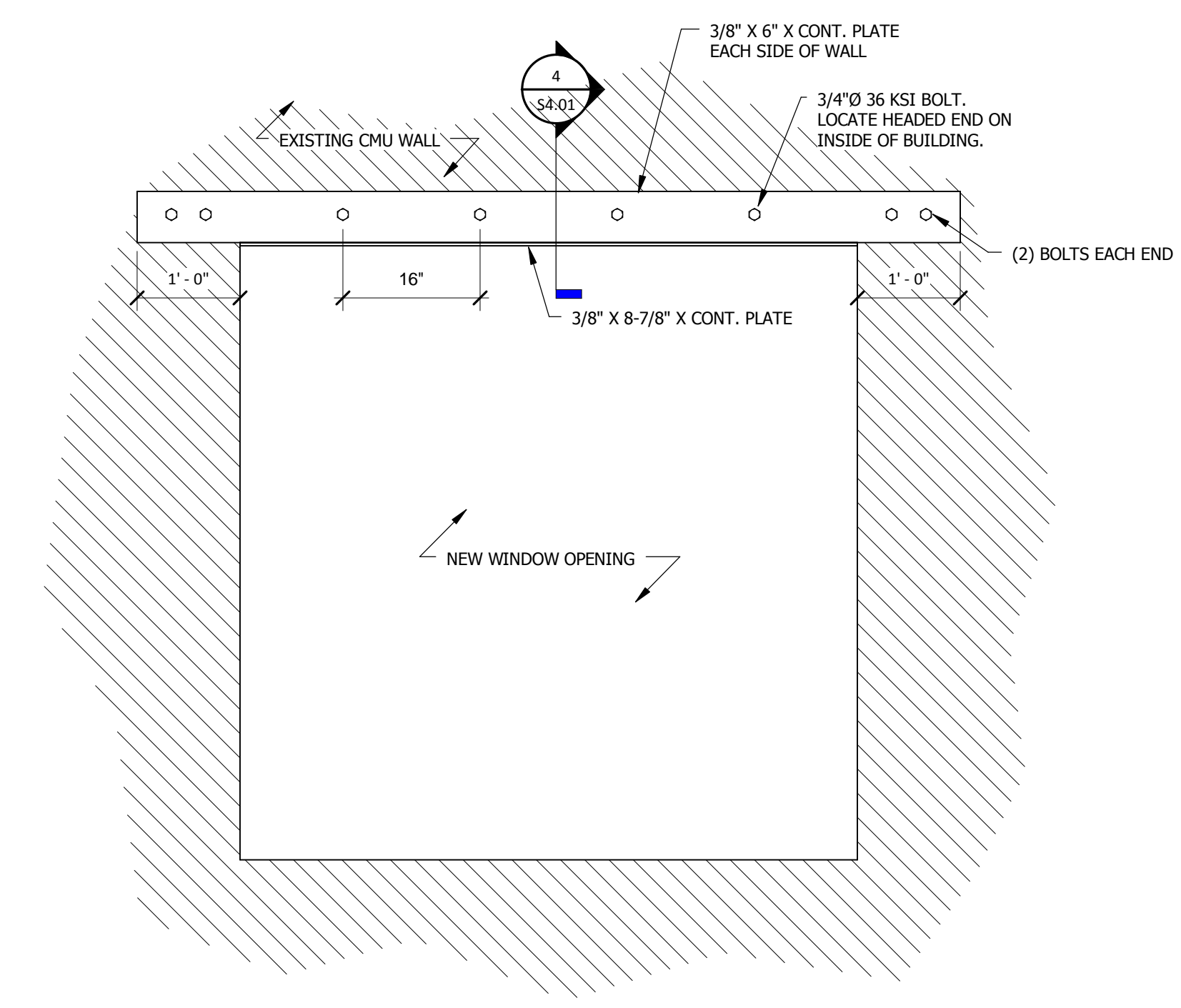
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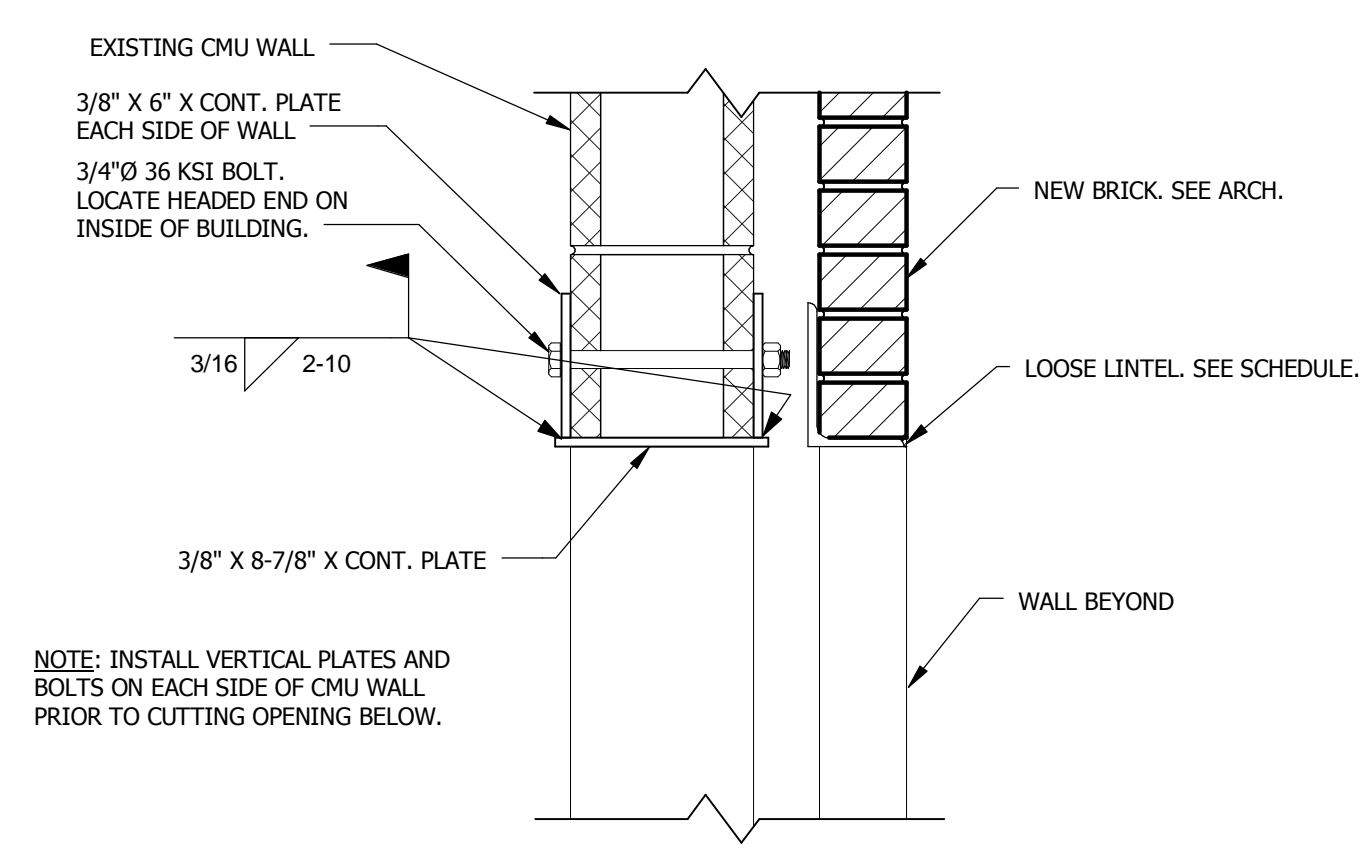
1 INFILL OF EXISTING WINDOW OPENING
3/4" = 1'-0"



2 NEW DOOR AT EXISTING WINDOW OPENING
3/4" = 1'-0"



3 NEW WINDOW OPENING IN EXISTING WALL
3/4" = 1'-0"



4 SECTION AT NEW WINDOW OPENING IN EXISTING WALL
1 1/2" = 1'-0"

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MECHANICAL LEGEND

	G	LOW PRESSURE NATURAL GAS (0.5 PSIG)	SP	STATIC PRESSURE		SUPPLY DUCT IN SECTION
	V	VENT PIPE	ESP	EXTERNAL STATIC PRESSURE		RETURN/EXHAUST DUCT IN SECTION
	D	COIL CONDENSATE	LAT	LEAVING AIR TEMPERATURE		SMOKE DETECTOR
		GATE VALVE	EAT	ENTERING AIR TEMPERATURE	10x6	RECTANGULAR DUCT (WIDTHxDEPTH)
		SQUARE HEAD COCK	EWT	ENTERING WATER TEMPERATURE		ACOUSTICAL LINING
	#	UNION	LWT	LEAVING WATER TEMPERATURE		AIRFLOW UNDER DOOR
	X	SEISMIC PIPE SUPPORT	UH-A1	GAS UNIT HEATER		VOLUME DAMPER
	J	PIPE CAP	EF-A1	EXHAUST FAN		MOTORIZED DAMPER
		DIRECTION OF DOWNWARD PIPE SLOPE	RTU-A1	ROOF TOP UNIT		ROOM NUMBER
		FLEXIBLE DUCT CONNECTION	DN	DOWN		TURNING VANES
	M	MOTORIZED DAMPER	OSA	OUTSIDE AIR		RELIEF DAMPER
	K	OPPOSED BLADE DAMPER	EAD	EXHAUST AIR DUCT		FIRESTAT
		FLEXIBLE DUCTWORK	RA	RETURN AIR		TIME SWITCH
		FIRE DAMPER	RAD	RETURN AIR DUCT		MANUAL PUSH BUTTON INTERLOCK W/ HOOD FIRE SUPPRESSION SYSTEM
		FIRE/SMOKE DAMPER	SA	SUPPLY AIR		HUMIDITY SENSOR
		SUPPLY DIFFUSER	SAD	SUPPLY AIR DUCT		CO2 SENSOR
100 CFM		DIFFUSER CFM AND TYPE	TAD	TRANSFER AIR DUCT		CONNECT TO EXISTING
		RETURN/EXHAUST AIR DEVICE	AFF	ABOVE FINISHED FLOOR		
		PRESSURE REDUCING VALVE	RV	RELIEF HOOD		
			CFM	CUBIC FEET PER MINUTE		
			T	THERMOSTAT		
			BDD.	BACKDRAFT DAMPER		
			TYP	TYPICAL		
			HV-F1	HEATING-VENTILATION UNIT		
			RL	REFRIGERANT LIQUID		
			RS	REFRIGERANT SUCTION		
				AIRFLOW DIRECTION		
			Ø	ROUND DUCTWORK		
			EUH-A1	ELECTRIC UNIT HEATER		
			VAD	VOLUME DAMPERS		
			HPG	HIGH PRESSURE GAS		
			LPG	LOW PRESSURE GAS		
			EH-C1	EXHAUST HOOD		
			CH-1	AIR CURTAIN		
			MD	MOTORIZED DAMPER		
			OA-A1	OUTSIDE AIR UNIT		

GENERAL NOTES

- ALL PIPING AND DUCTS IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN FURRED CHASES OR SUSPENDED CEILING UNLESS OTHERWISE NOTED.
- ACCESS PANELS IN SUSPENDED CEILINGS ARE REQUIRED FOR ALL VALVES, DAMPERS, CONTROLS, ETC., AND SHALL BE FURNISHED AND INSTALLED UNDER ARCHITECTURAL SPECIFICATIONS.
- VERIFY LOCATION OF NEW EQUIPMENT AND APPURTENANCES.
- COORDINATE THE HEATING, VENTILATION AND AIR CONDITIONING WORK WITH THE WORK OF ALL OTHER TRADES INVOLVED WITH THIS PROJECT.
- SEE ARCHITECTURAL CEILING PLAN FOR EXACT LOCATION OF CEILING AIR DEVICES. AIR DEVICE LOCATION ON MECHANICAL SHEETS ARE FOR QUANTITY AND REFERENCE.
- DUCTWORK DIMENSIONS ARE INSIDE CLEAR DIMENSIONS.
- CONTRACTOR TO COORDINATE RTU #'S ON ID TAGS TO MATCH ROOM NUMBERS. LABEL RTU & T-STAT.

BALANCING NOTES:

TESTING & BALANCING TO BE PERFORMED BY ONE OF THE FOLLOWING CONTRACTORS. NO SUBSTITUTES.

- ENVIRONMENTAL TEST & BALANCE
- AIR TECHNICAL SERVICES

CONTROLS

- ALL CONSTANT VOLUME RTU TO HAVE PROGRAMMABLE ELECTRONIC NIGHT SETBACK THERMOSTAT WITH BATTERY BACKUP. HEATING SETBACK AND COOLING SETUP WITH 7 DAY, 5-1-1 PROGRAMMING CAPABILITY.
- THERMOSTATS FOR RTU-B7, B8, B9 AND B10 SHALL BE HEATING COOLING WITH AUTOMATIC CHANGEOVER. EACH RTU SHALL HAVE A CONTROL PANEL WITH A 2 WIRE TEMPERATURE SENSOR FOR EACH VAD DAMPER. PROVIDE ONE CENTRAL PANEL PER EACH VARIABLE VOLUME RTU SYSTEM EQUAL TO TRANE VARITRAC II.

CONTROLS ADD ALTERNATE

PROVIDE DDC CONTROLS PER SPECIFICATIONS CONNECT TO EXISTING FMCS

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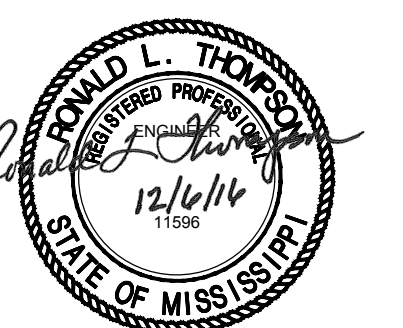
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LEGEND AND GENERAL NOTES -
MECHANICAL

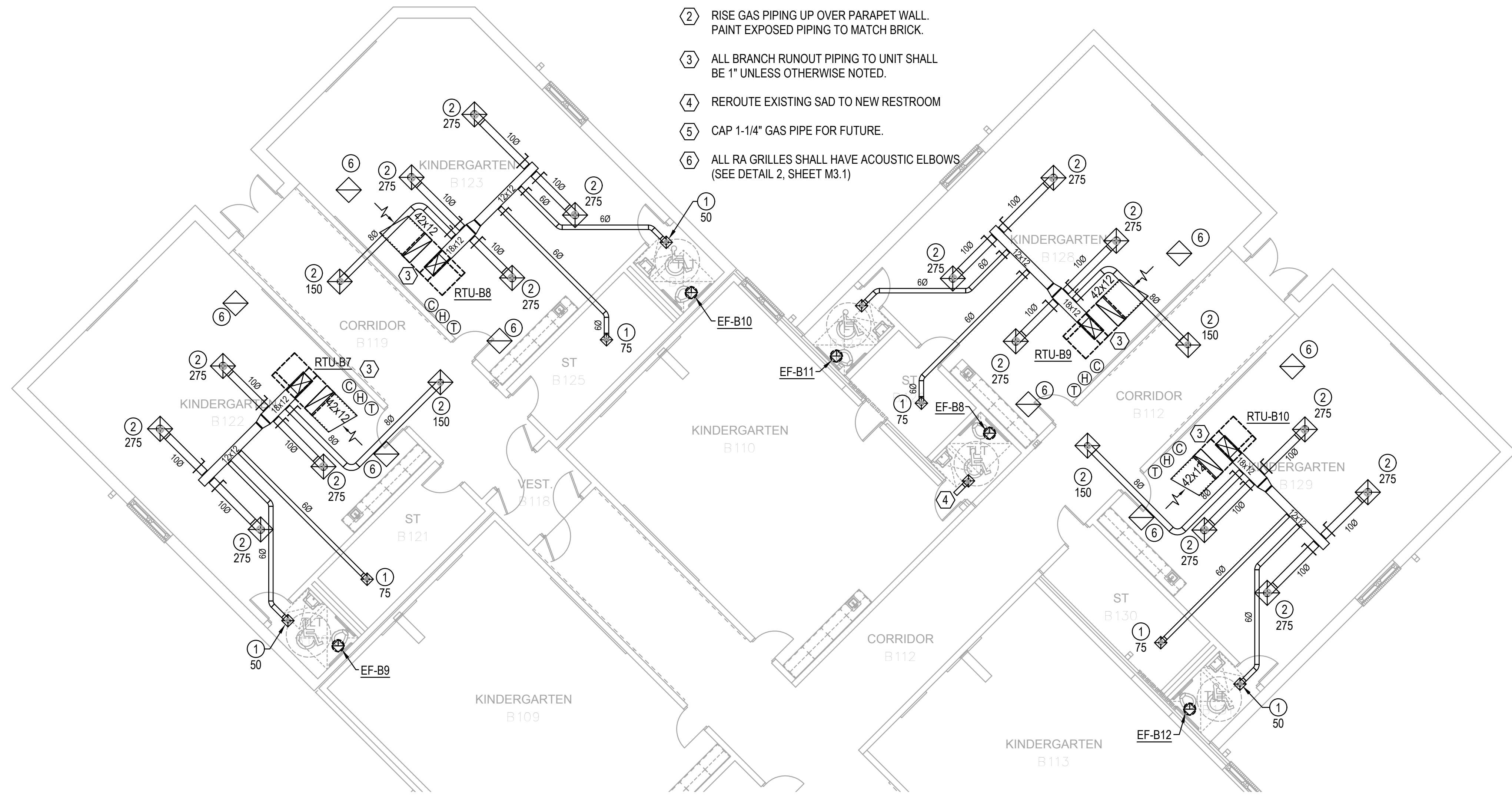
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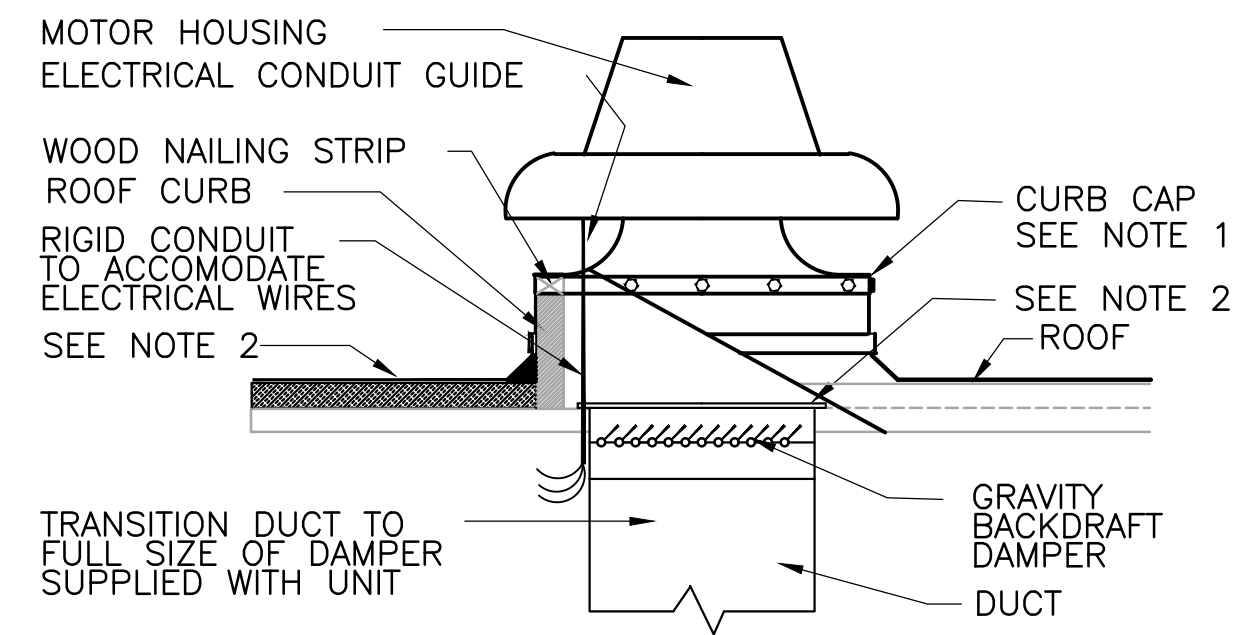


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MO.1

NOTES:

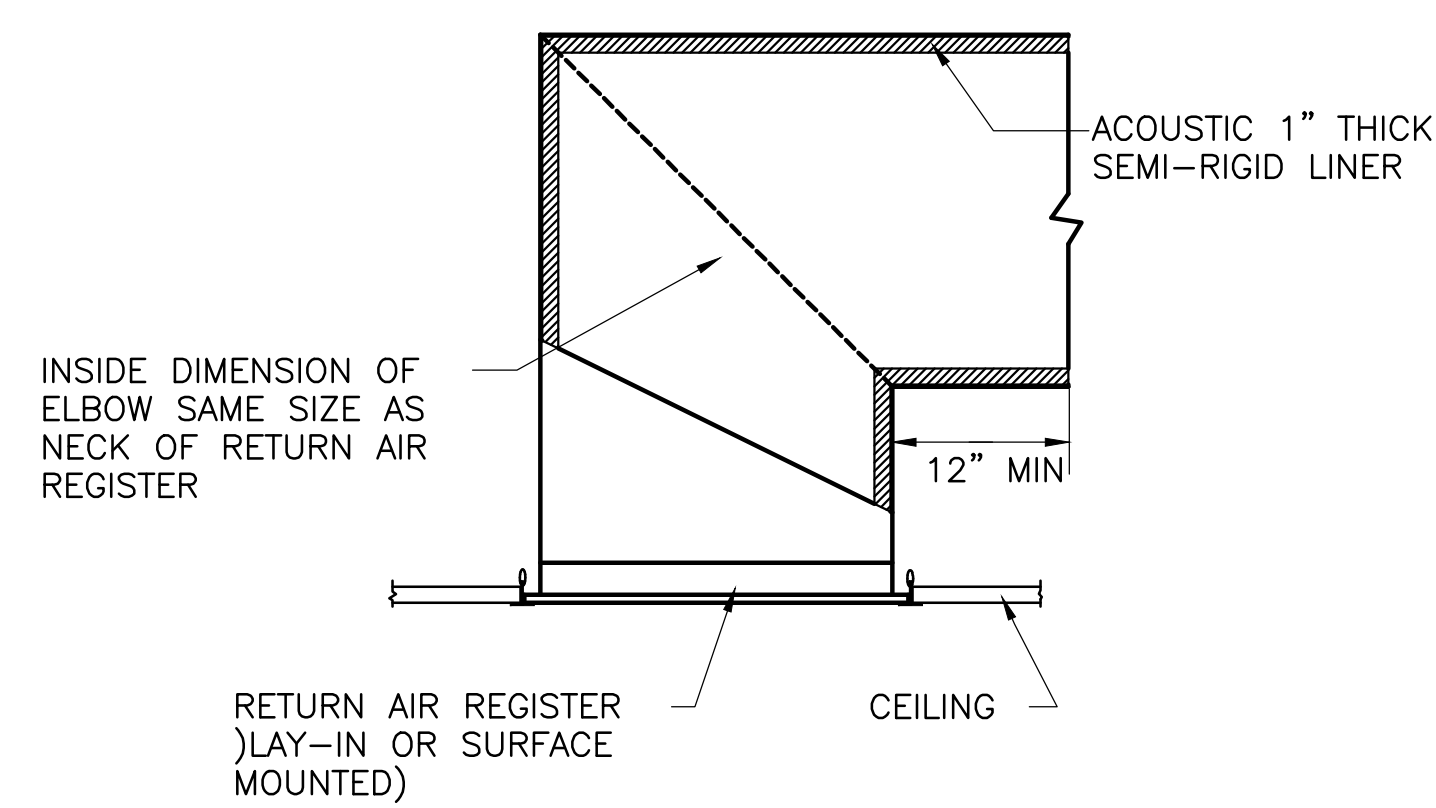
- ① ALL GAS PIPING SHALL BE ROUTED ON ROOF.
- ② RISE GAS PIPING UP OVER PARAPET WALL. PAINT EXPOSED PIPING TO MATCH BRICK.
- ③ ALL BRANCH RUNOUT PIPING TO UNIT SHALL BE 1" UNLESS OTHERWISE NOTED.
- ④ REROUTE EXISTING SAD TO NEW RESTROOM
- ⑤ CAP 1-1/4" GAS PIPE FOR FUTURE.
- ⑥ ALL RA GRILLES SHALL HAVE ACOUSTIC ELBOWS (SEE DETAIL 2, SHEET M3.1)



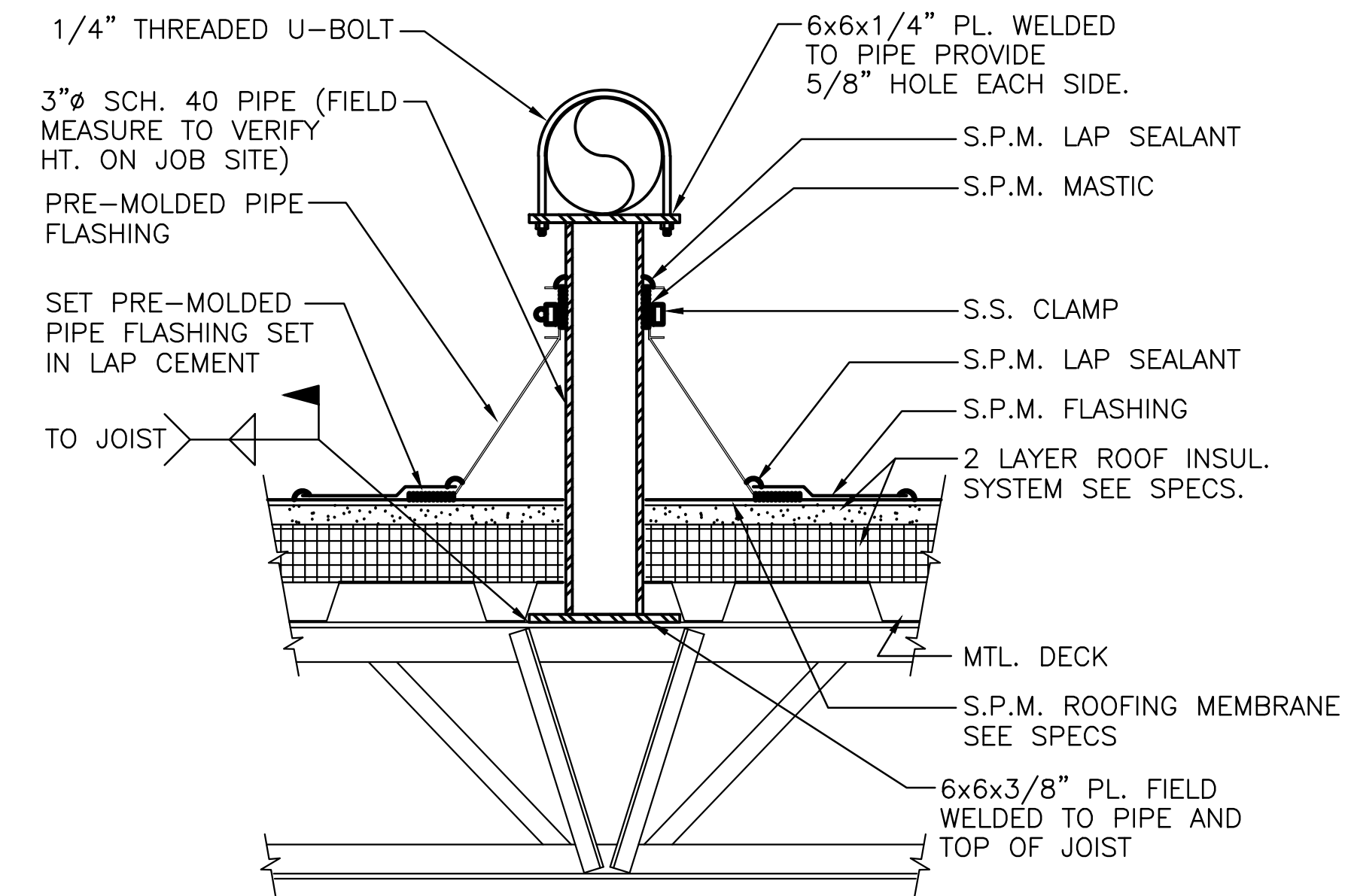


- NOTES:**
1. SECURE CURB CAP TO WOOD NAILING STRIP WITH 3/8" CADMIUM PLATED LAG BOLTS NOT OVER 12" ON CENTER.
 2. SECURE ROOF CURB, DUCTWORK, AND DAMPER TO ROOF WITH EXPANSION BOLTS, (CONCRETE ROOF) OR RUST RESISTANT BOLTS (METAL DECK AND BAR JOIST ROOF)
 3. SIZE OF DUCT THROUGH ROOF SHALL NOT BE LARGER THAN CURB SUPPLIED WITH ROOF VENTILATOR.
 4. RUN ELECTRIC LINES THROUGH CLEARANCE HOLE PROVIDED IN GRAVITY DAMPER THEN THROUGH VENTILATOR ELECTRICAL CONDUIT GUIDE.

1 ROOF VENTILATOR DETAIL
NOT TO SCALE

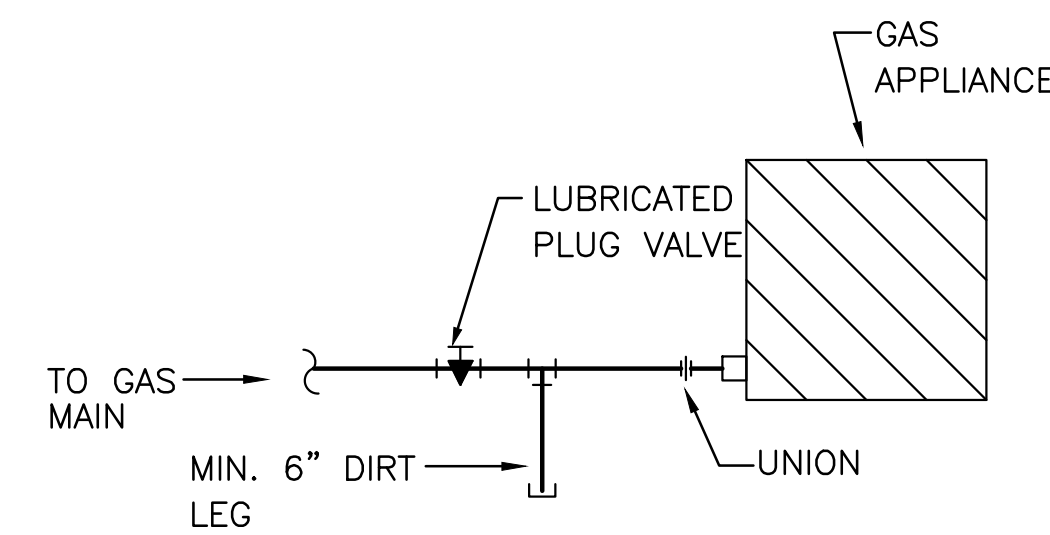


2 RETURN AIR REGISTER W/ACOUSTIC ELBOW
NOT TO SCALE

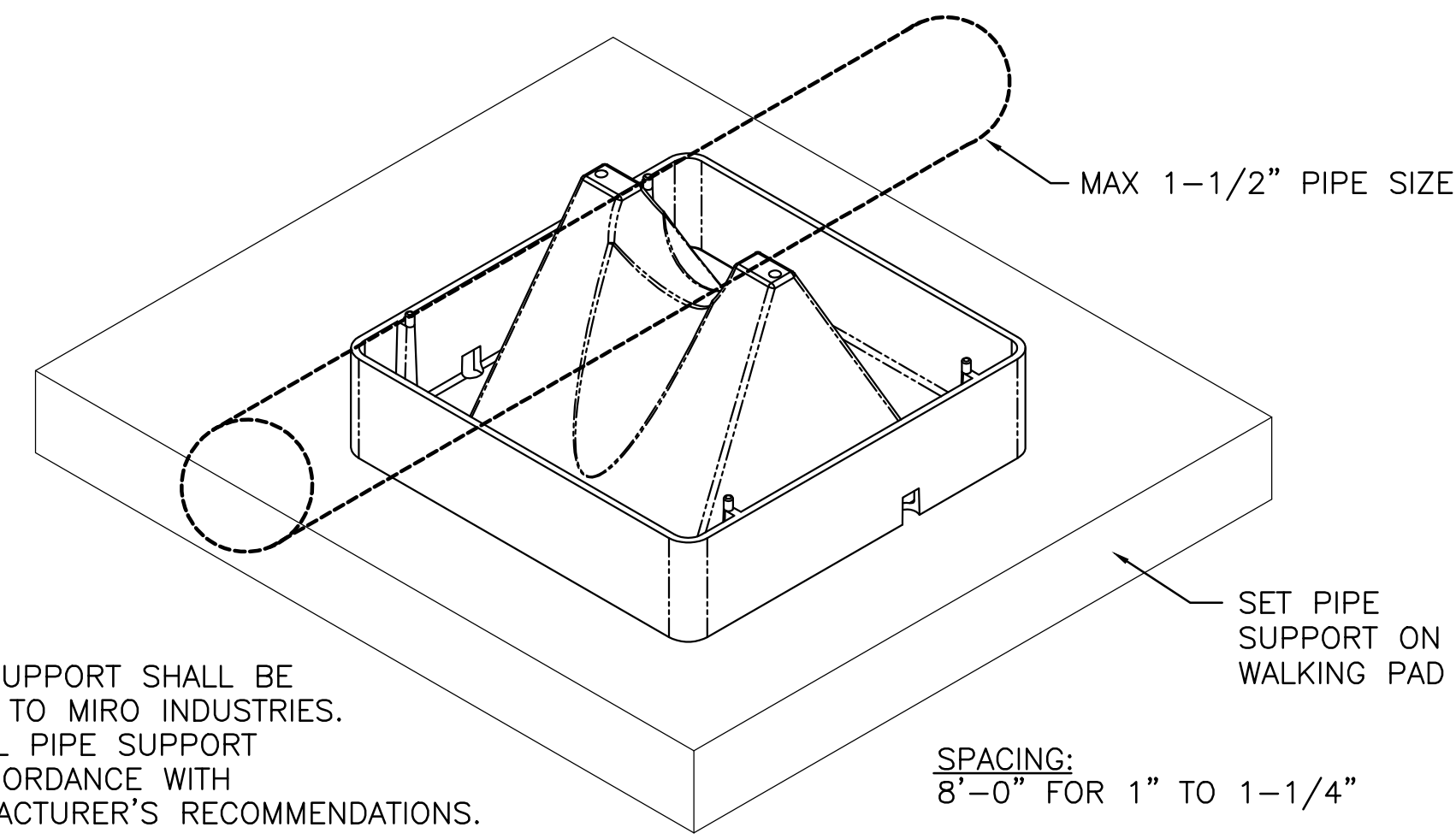


- COORDINATION NOTES:**
1. MECHANICAL CONTRACTOR SHALL PROVIDE ROOF GAS PIPE SEISMIC BRACING AND SHALL COORDINATE LOCATIONS WITH JOIST SUPPLIER.
 2. JOIST SUPPLIER SHALL DESIGN JOISTS FOR 700 FT-LB OF MOMENT AT LOCATIONS OF SEISMIC BRACING.
 3. LOCATIONS OF SEISMIC BRACING SHALL BE COORDINATED WITH G.C. FOR ROOF FLASHING OF PIPE SUPPORTS.

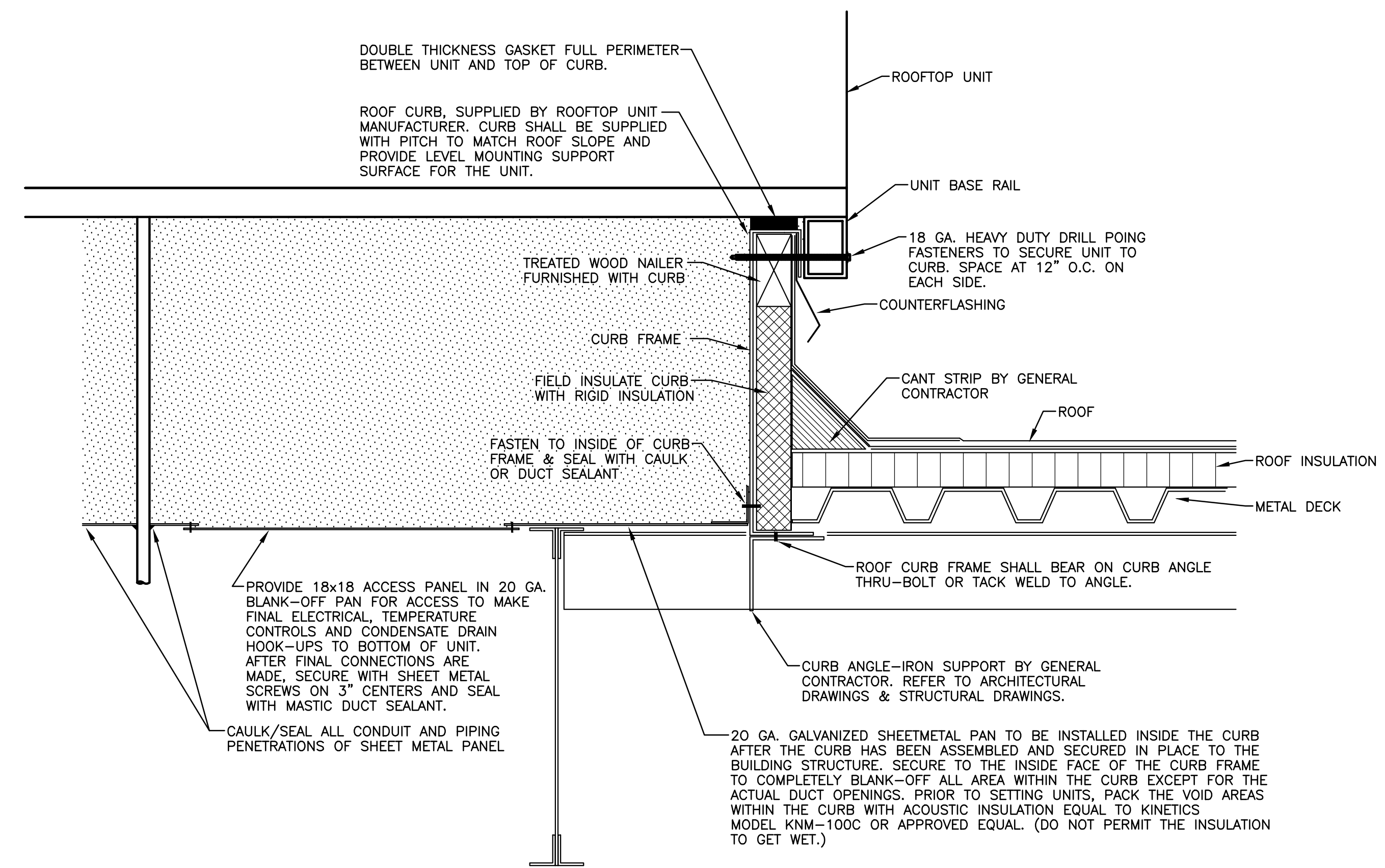
3 GAS PIPE SEISMIC SUPPORT ON ROOF DETAIL
NOT TO SCALE



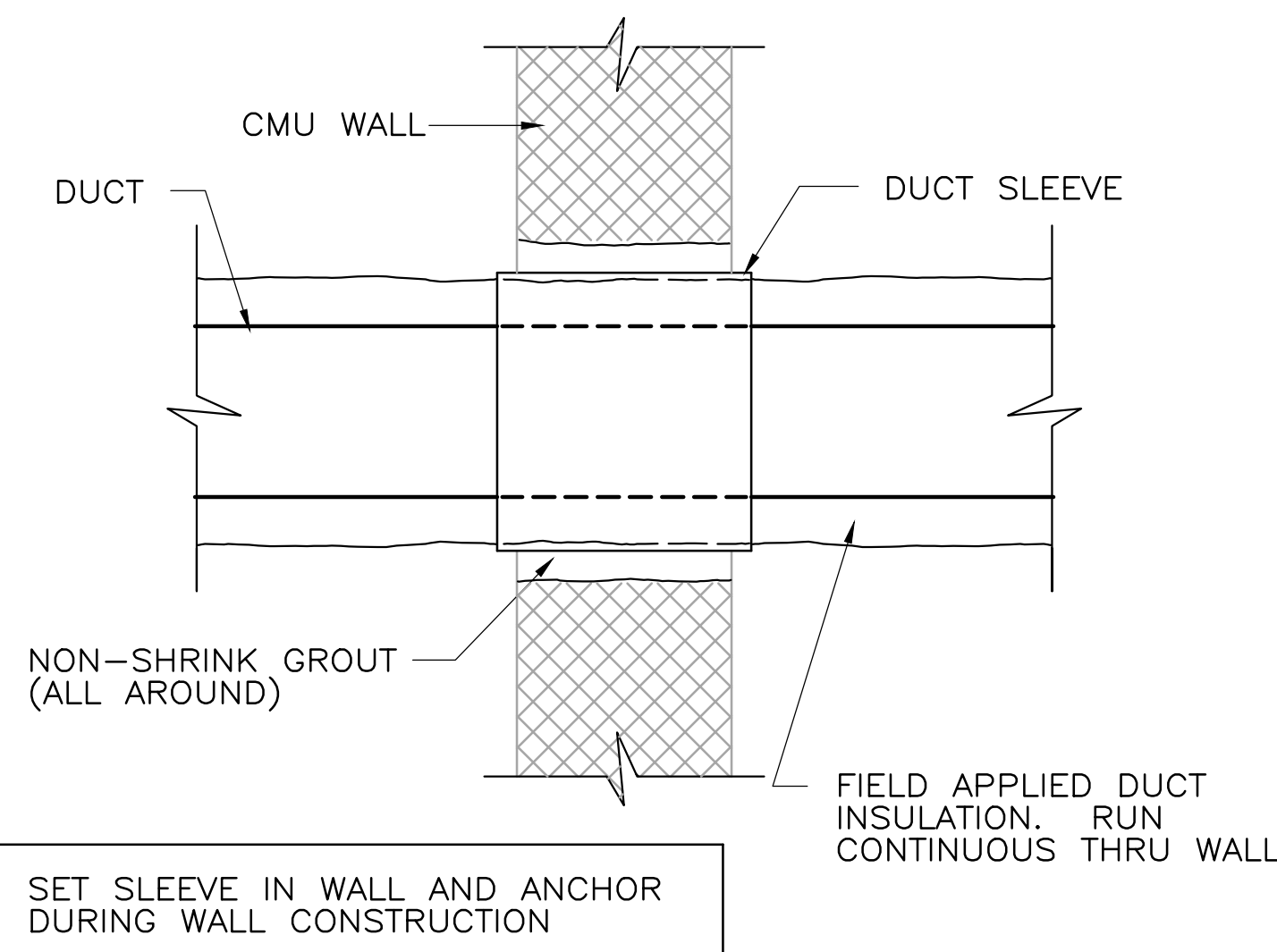
4 GAS EQUIPMENT CONNECTION DETAIL
NOT TO SCALE



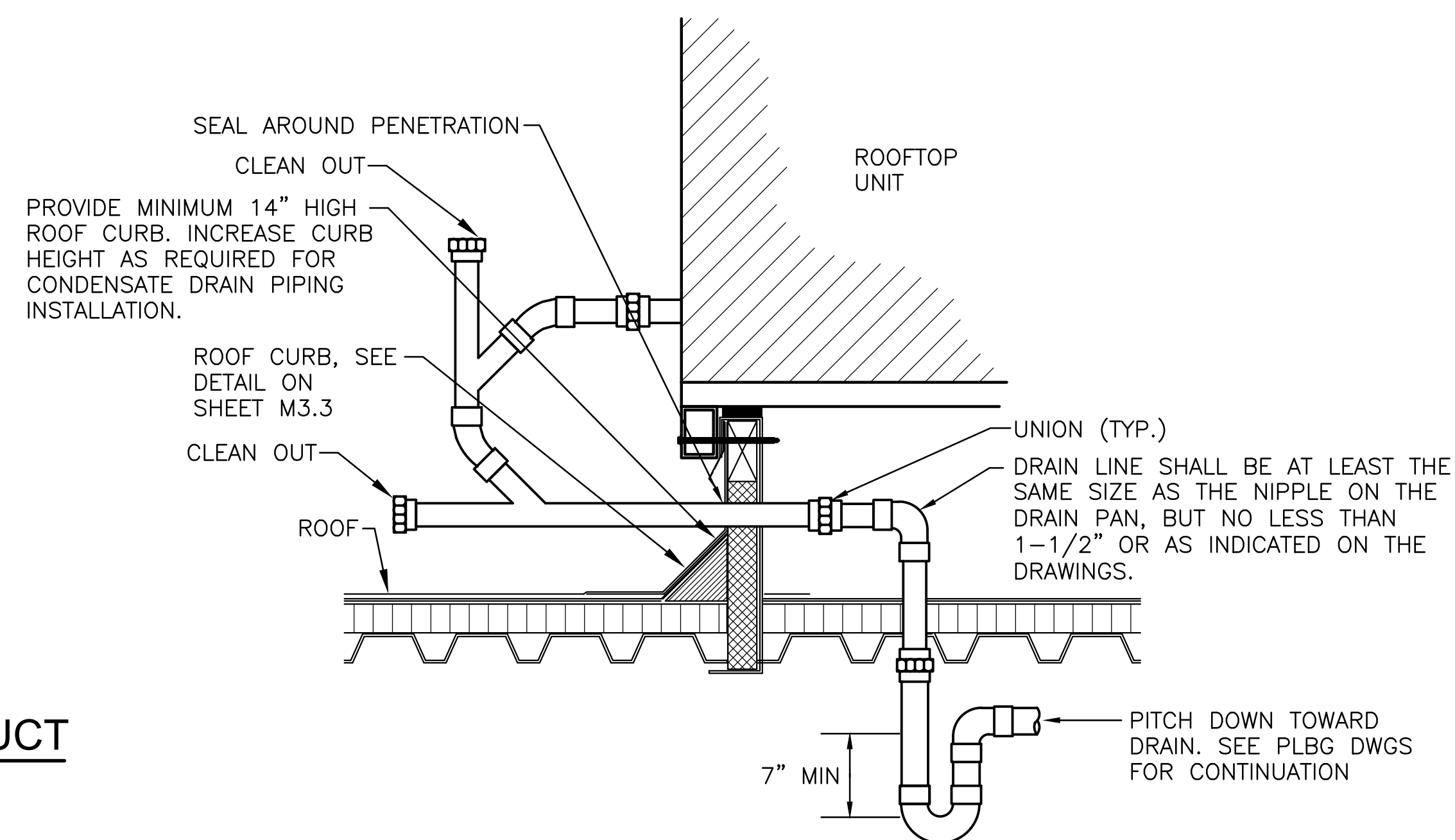
5 GAS PIPE SUPPORT ON ROOF DETAIL
NOT TO SCALE



6 ROOF CURB & FLASHING DETAIL
NOT TO SCALE



7 WALL PENETRATION - EXTERNALLY INSULATED DUCT
NOT TO SCALE



8 CONDENSATE DRAIN TRAP DETAIL FOR LENNOX TYPE ROOFTOP UNIT
NOT TO SCALE

FAN SCHEDULE

MARK	SERVICE	CFM	MAX SONE RATING	EST. S.P.W.G.	MOTOR H.P.	VOLTS/PHASE	FAN WHEEL			DISCHARGE	TYPE	REMARKS
							MAX. RPM	DRIVE	DIA. IN.			
EF-B9	RESTROOM	75	10	0.10	1/30	277/1	1550	DIRECT	—	ROOF	ROOF	(1)(3)
EF-B10	RESTROOM	75	10	0.10	1/30	277/1	1550	DIRECT	—	ROOF	ROOF	(1)(3)
EF-B11	RESTROOM	75	10	0.10	1/30	277/1	1550	DIRECT	—	ROOF	ROOF	(1)(3)
EF-B12	RESTROOM	75	10	0.10	1/30	277/1	1550	DIRECT	—	ROOF	ROOF	(1)(3)
EF-B8	RESTROOM	75	—	—	—	—	—	—	—	ROOF	ROOF	(2)(3)

- ① PROVIDE INTEGRAL DISCONNECT, BIRDSCREEN, AND BACKDRAFT DAMPER.
- ② RELOCATE EXISTING EXHAUST FAN FOR RELOCATED RESTROOM
- ③ INTERLOCK W/ LIGHT SWITCH

AIR DISTRIBUTION DEVICE SCHEDULE

MARK	NECK SIZE	FACE SIZE	MAX. N.C. RATING	MAXIMUM S.P. DROP, IN.	REMARKS
①	6"ø	12x12	30	0.1	①
②	8"ø	24x24	30	0.1	①
③	22x22	24x24	30	0.1	②

- ① SUPPLY AIR DEVICE TO BE LOUVERED FACE TYPE EQUAL TO TITUS TMS
- ② RETURN/EXHAUST AIR DEVICE TO BE EGG CRATE TYPE EQUAL TO TITUS 45F SERIES

PACKAGED ROOFTOP UNIT SCHEDULE

MARK	SUPPLY AIR CFM	OSA CFM	SEER	EXT. S.P.W.G.	VOLTS/PHASE	MCA/MOCP	REFR. TYPE	DX COOLING COIL			GAS HEATING SECTION			REMARKS	
								ENT. AIR TEMP db°F	SENSIBLE MBTU/HR	TOTAL BTU/HR	ENT. AIR TEMP °F	LVG. AIR TEMP °F	OUTPUT MBTU/HR		
RTU-B7	1375	415	17	0.5	460/3	15.2/20	R410a	83.5	69.5	41.97	59.53	49	90	64	(1)(2)(3)
RTU-B8	1375	415	17	0.5	460/3	15.2/20	R410a	84.0	69.9	42.18	59.96	49	90	64	(1)(2)(3)
RTU-B9	1375	415	17	0.5	460/3	15.2/20	R410a	83.5	69.5	41.97	59.53	49	90	64	(1)(2)(3)
RTU-B10	1375	415	17	0.5	460/3	15.2/20	R410a	83.9	69.7	42.66	60.06	49	90	64	(1)(2)(3)

- ① RTU TO BE PER SPEC 23 82 00 WITH CO2 MONITOR, ECONOMIZER W/ BAROMETRIC RELIEF, DISCONNECT, HINGE FILTER DOOR, 2 STAGE COMPRESSOR, AND SEISMIC ROOF CURB
- ② HOT GAS REHEAT
- ③ VAV SUPPLY FAN

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SEQUENCE OF OPERATIONS

RTU FLOW

BUILDING AUTOMATION SYSTEM INTERFACE:

THE BUILDING AUTOMATION SYSTEM (BAS) WILL SEND THE CONTROLLER OCCUPIED BYPASS, MORNING WARM-UP / PRE-COOL, OCCUPIED / UNOCCUPIED AND HEAT / COOL MODES. IF A BAS IS NOT PRESENT, OR COMMUNICATION IS LOST WITH THE BAS THE CONTROLLER WILL OPERATE USING DEFAULT MODES AND SETPOINTS.

OPTIMAL START:

THE BAS WILL MONITOR THE SCHEDULED OCCUPIED TIME, OCCUPIED SPACE SETPOINTS AND SPACE TEMPERATURE TO CALCULATE WHEN THE OPTIMAL START OCCURS.

MORNING WARM-UP MODE:

DURING OPTIMAL START, IF THE SPACE TEMPERATURE IS BELOW THE OCCUPIED HEATING SETPOINT A MORNING WARM-UP MODE WILL BE ACTIVATED. WHEN MORNING WARM-UP IS INITIATED THE UNIT WILL ENABLE THE HEATING AND SUPPLY FAN. THE OUTSIDE AIR DAMPER WILL REMAIN CLOSED. WHEN THE SPACE TEMPERATURE REACHES THE OCCUPIED HEATING SETPOINT (ADJ.), THE UNIT WILL TRANSITION TO THE OCCUPIED MODE.

OPTIMAL STOP:

THE BAS WILL MONITOR THE SCHEDULED UNOCCUPIED TIME, OCCUPIED SETPOINTS AND SPACE TEMPERATURE TO CALCULATE WHEN THE OPTIMAL STOP OCCURS. WHEN THE OPTIMAL STOP MODE IS ACTIVE THE UNIT CONTROLLER WILL MAINTAIN THE SPACE TEMPERATURE TO THE SPACE TEMPERATURE OFFSET SETPOINT.

OCCUPIED BYPASS:

THE BAS WILL MONITOR THE STATUS OF THE "ON" AND "CANCEL" BUTTONS OF THE SPACE TEMPERATURE SENSOR. WHEN AN OCCUPIED BYPASS REQUEST IS RECEIVED FROM A SPACE SENSOR, THE UNIT WILL TRANSITION FROM ITS CURRENT OCCUPANCY MODE TO OCCUPIED BYPASS MODE AND THE UNIT WILL MAINTAIN THE SPACE TEMPERATURE TO THE OCCUPIED SETPOINTS (ADJ.).

HEATING MODE:

THE UNIT CONTROLLER WILL MONITOR SPACE TEMPERATURE AND SPACE TEMPERATURE HEATING SETPOINT TO DETERMINE WHEN TO INITIATE REQUESTS FOR HEAT. WHEN THE SPACE TEMPERATURE DROPS BELOW THE SPACE TEMPERATURE HEATING SETPOINT, THE CONTROLLER WILL ENABLE THE FIRST STAGE OF HEAT. IF ADDITIONAL HEATING CAPACITY IS REQUIRED THE SECOND STAGE OF HEAT WILL BE ENABLED. THE SUPPLY FAN WILL REMAIN AT 100% DURING HEATING OPERATION. ONCE THE SPACE TEMPERATURE RISES ABOVE THE SETPOINT, THE HEATING STAGES WILL BE DISABLED AND THE SUPPLY FAN SPEED WILL VARY ACCORDING TO VENTILATION AND COOLING MODES.

DEHUMIDIFICATION:

FACTORY INSTALLED HOT GAS REHEAT WILL ALLOW APPLICATION OF DEHUMIDIFICATION. DEHUMIDIFICATION WILL BE ALLOWED ONLY WHEN THE OUTSIDE AIR TEMPERATURE IS ABOVE 40.0 DEG. F AND BELOW 100.0 DEG. F. THE ECONOMIZER OUTSIDE AIR DAMPER WILL DRIVE TO MINIMUM POSITION DURING DEHUMIDIFICATION.

ON A CALL FOR DEHUMIDIFICATION, THE REHEAT VALVE WILL ENERGIZE AND THE COMPRESSOR WILL ENABLE. WHEN THE HUMIDITY CONTROL SETPOINT IS SATISFIED, THE VALVE WILL BE DE-ENERGIZED AND THE COMPRESSOR WILL BE DISABLED. IF THERE IS A CALL FOR COOLING FROM THE SPACE TEMPERATURE CONTROLLER, WHILE IN REHEAT, THE REHEAT VALVE WILL BE DE-ENERGIZED AND THE COMPRESSOR CONTINUES TO RUN.

DEMAND CONTROL VENTILATION (DCV):

AS THE SUPPLY FAN SPEED COMMAND VARIES BETWEEN MINIMUM AND MAXIMUM, THE BUILDING DESIGN AND DCV MINIMUM POSITION TARGETS WILL BE CALCULATED LINEARLY BETWEEN THE USER SELECTED SETPOINTS BASED ON THE INSTANTANEOUS SUPPLY FAN SPEED. THE BLDG. DESIGN AND DCV MINIMUM POSITION TARGETS WILL BE USED TO CALCULATE THE ACTIVE OA DAMPER MINIMUM POSITION TARGET BASED ON CO2 LEVELS RELATIVE TO THE ACTIVE DESIGN AND DCV CO2 SETPOINTS (1000 PPM).

THE DESIGN MINIMUM AND DCV MINIMUM OA DAMPER POSITION SETPOINTS AT MINIMUM FAN SPEED COMMAND AND THE DESIGN MINIMUM OA DAMPER POSITION SETPOINT AT MIDDLE FAN SPEED COMMAND WILL HAVE A RANGE OF 0-100% WHILE THE DESIGN MINIMUM AND DCV MINIMUM OA DAMPER POSITION SETPOINTS AT FULL FAN SPEED WILL HAVE A RANGE OF 0-50%.

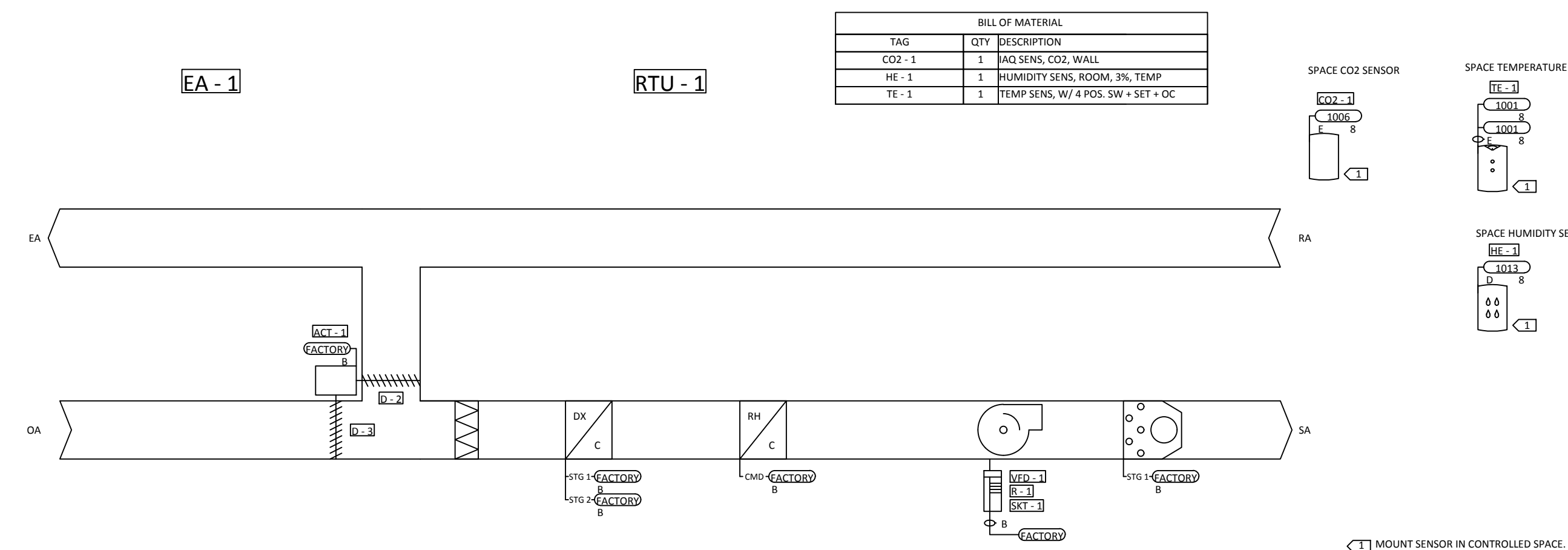
SUPPLY FAN OPERATION:

THE SUPPLY FAN WILL BE ENABLED WHILE IN THE OCCUPIED MODE AND CYCLED ON DURING THE UNOCCUPIED MODE. THE UNIT CONTROLLER WILL VARY THE SUPPLY FAN SPEED TO OPTIMIZE MINIMUM FAN SPEED IN ALL COOLING MODES.

ENHANCED DEHUMIDIFICATION:

IF SPACE HUMIDITY EXCEEDS THE DEHUMIDIFICATION SETPOINTS, THE UNIT WILL ENERGIZE THE FIRST STAGE OF COMPRESSOR OPERATION WITH SUPPLY FAN AT MEDIUM SPEED. IF SPACE HUMIDITY FALLS BELOW THE DEHUMIDIFICATION SETPOINT, THE UNIT WILL TRANSITION BACK TO NORMAL HEATING OR COOLING CONTROL. IF THE SPACE HUMIDITY IS NOT RECOVERING TOWARDS THE DEHUMIDIFICATION SETPOINT IN ENHANCED DEHUMIDIFICATION MODE THEN THE UNIT WILL TRANSITION TO FULL HOT GAS REHEAT DEHUMIDIFICATION MODE.

TAG	QTY	DESCRIPTION
CO2 - 1	1	100% STK. CO2 WALL
HT - 1	1	HUMIDITY SENS. ROOM, RN, TEMP
TT - 1	1	TEMP SENS, W/4 POS. SW + SET + DC



Desoto County School District

5 East South Street, Hernando, Mississippi 38632

No.	Revision	Date

SCHEDULES - MECHANICAL

JOB NO: 62557
DATE: 12.06.16
DRAWN: CDL
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FIXTURE SCHEDULE

FIXTURE	DESCRIPTION	TRAP SIZE	MIN. SIZE CONN.			
			SW	SV	CW	HW
P-1A	WATER CLOSET: (FLOOR MOUNTED, FLUSH VALVE, REGULAR) STANDARD WHITE VITREOUS CHINA, ELONGATED BOWL, FLOOR MOUNTED, FLOOR OUTLET, SIPHON JET ACTION. 1-1/2" TOP SPUD, 1.6 GPF, FLUSH VALVE OPERATED, KOHLER WELLCOME K-4350. SEAT TO BE ELONGATED, OPEN FRONT, SOLID PLASTIC LESS COVER, AND WHITE WITH SELF-SUSTAINING CHECK HINGES, BEMIS 1955SSC. FLUSH VALVE TO BE 1.6 GPF, ZURN Z-6000XL-WS1 WITH TRAP PRIMER WHERE INDICATED, SEE FLOOR PLANS.	INT.	4"	2"	1"	---
P-2A	LAVATORY (WALL-HUNG, GENERAL): WHITE VITREOUS CHINA, KOHLER KINGSTON K-2005. FAUCET SHALL BE CHROME-PLATED BRASS, DUAL HANDLES WITH 4" CENTERSET, DELTA 2500. LAVATORY P. O.'S SHALL BE MCGUIRE 155-A2 C. P. CAST BRASS P.O. WITH 1-1/4" X 17 GAUGE THREADED TAILPIECE P-TRAP TO BE 1-1/2" SEMI-CAST BRASS LESS CLEANOUT, EBC, INC TAN-150. LAVATORY CARRIER SHALL BE MADE 520. SUPPLIES AND LOOSE-KEY STOPS, BRASSCRAFT. REFER TO ARCHITECTURAL SERIES FOR MOUNTING HEIGHTS. PROVIDE INSULATION, HANDI-LAV-GUARD BY TRUEBRO ON ALL EXPOSED FIXTURE TRIM.	1-1/4"	1-1/4"	2"	1/2"	1/2"
P-3A	SINK (KINDERGARTEN CLASSROOM): SINGLE BOWL, 304 TYPE 18 GA. STAINLESS STEEL, SLX-2217-A-GR. FAUCET SHALL BE CHROME-PLATED BRASS GOOSENECK WITH 8" DECKMOUNT, DELTA 26T2943. PROVIDE STRAINER BASKET. P-TRAP SHALL BE 17-GAUGE WITH CP CAST BRASS NUTS LESS CLEANOUT, BRASSCRAFT. SUPPLIES AND LOOSE-KEY STOPS, BRASSCRAFT.	1-1/2"	1-1/2"	2"	1/2"	1/2"
P-3B	SINK, EXISTING (KINDERGARTEN CLASSROOM): RELOCATE EXISTING SINGLE BOWL STAINLESS STEEL SINK AND FAUCET. PROVIDE NEW STRAINER BASKET. P-TRAP SHALL BE 17-GAUGE WITH CP CAST BRASS NUTS LESS CLEANOUT, BRASSCRAFT. SUPPLIES AND LOOSE-KEY STOPS, BRASSCRAFT.	1-1/2"	1-1/2"	2"	1/2"	1/2"
P-4A	WALL HYDRANT (EXTERIOR NON-FREEZE, BOX): NON-FREEZE WALL HYDRANT WITH COLD WATER STRAIGHT INLET CONNECTIONS; BRONZE HEAD, CASING, AND BOX WITH LOCKING LID; ANTI-SIPHON BACKFLOW PREVENTER; LOOSE KEY OPERATION; WADE 8600L+2-175. REFER TO ARCHITECTURAL SERIES FOR MOUNTING HEIGHTS.	---	---	---	3/4"	---

LEGEND

SYMBOL	DESCRIPTION
	SANITARY WASTE (S.W.)
	SANITARY VENT (S.V.)
	STORM DRAIN (S.D.)
	CONDENSATE DRAIN (C.D.)
	COLD WATER (C.W.)
	HOT WATER SUPPLY (H.W.)
	HOT WATER RETURN (H.W.R.)
	EXISTING SANITARY WASTE
	EXISTING SANITARY VENT
	EXISTING STORM DRAIN
	EXISTING CONDENSATE DRAIN
	EXISTING COLD WATER
	EXISTING HOT WATER SUPPLY
	EXISTING HOT WATER RETURN
	PIPING TO BE DEMOLISHED
	BALANCING VALVE (B.V.)
	CLEAN-OUT (C.O.)
	VENT THRU ROOF (V.T.R.)
	NEW CONNECTION

ABBREVIATIONS	
A.F.F. ABOVE FINISHED FLOOR	ELEC. ELECTRICAL
AB. ABOVE	F.F. FINISHED FLOOR
BEL. BELOW	FCO. FLOOR CLEANOUT
B.V. BALANCING VALVE	HORIZ. HORIZONTAL
ELEC. ELECTRICAL	MECH. MECHANICAL
C'TOP. COUNTERTOP	OPNG. OPENING
CLG. CEILING	REQD. REQUIRED
CONN. CONNECT(ION)	S.A. SHOCK ABSORBER
CO. CLEANOUT	SECT. SECTION
CONC. CONCRETE	STRUCT. STRUCTURAL
DN. DOWN	S.S. STAINLESS STEEL
DISCH. DISCHARGE	TYP. TYPICAL
DWG. DRAWING	U.N.O. UNLESS NOTED OTHERWISE
ELEV. ELEVATION	

DRAIN SCHEDULE

FIXTURE	DESCRIPTION	TRAP SIZE	MIN. SIZE CONN.	
			SW	SV
FD-1	FLOOR DRAIN (STANDARD): CAST IRON FLOOR DRAIN WITH FLANGE, 1/2" PRIMER TAP, COLLAR, SEEPAGE OPENINGS, ADJUSTABLE 8" DIAMETER NICKEL-BRONZE STRAINER WITH VANDAL-PROOF SCREW, WADE 1103STD8-TY. PROVIDE 12" DEEP SEAL P-TRAP. SET TOP AT 1/2" BFF.	3"	3"	2"

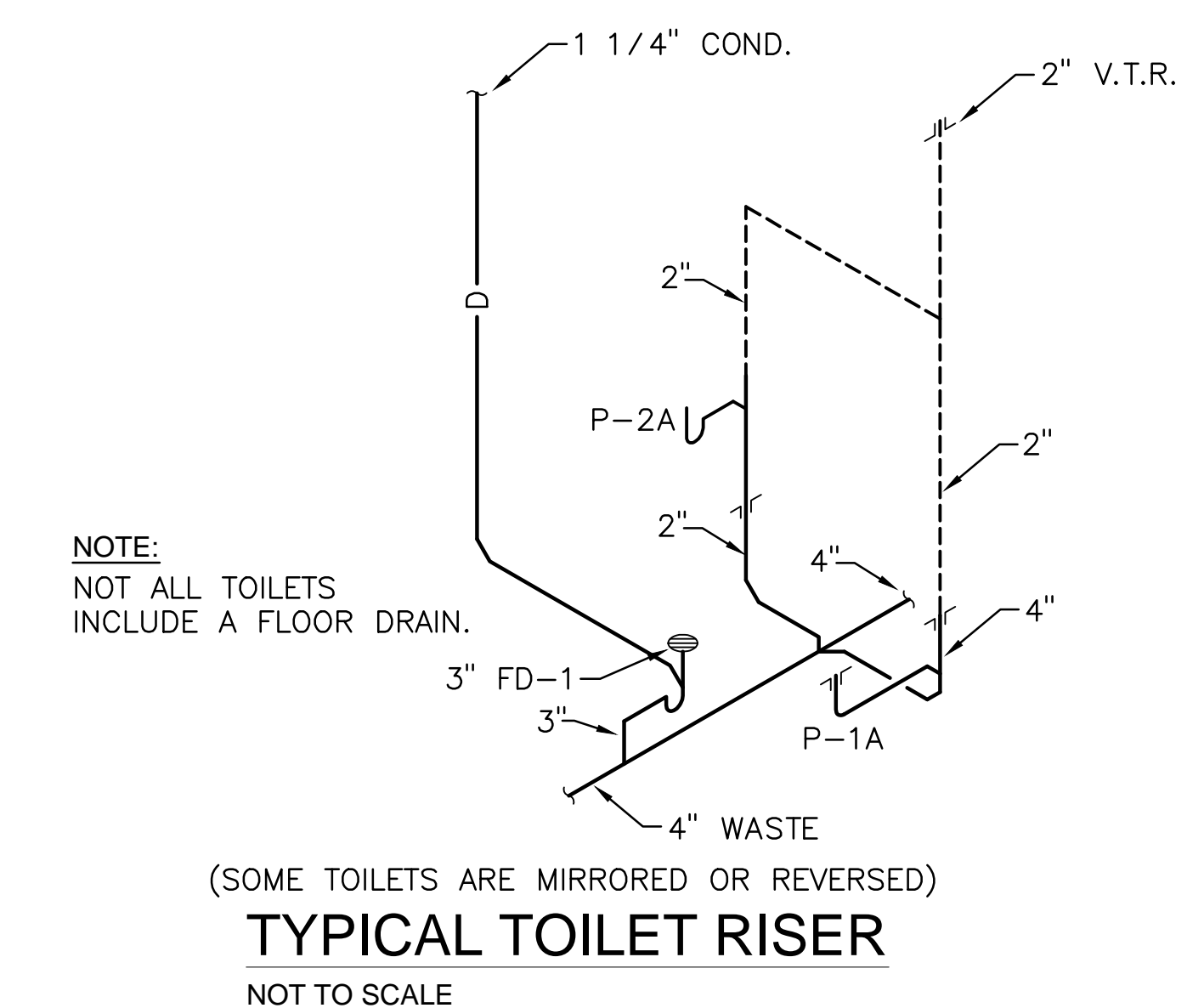
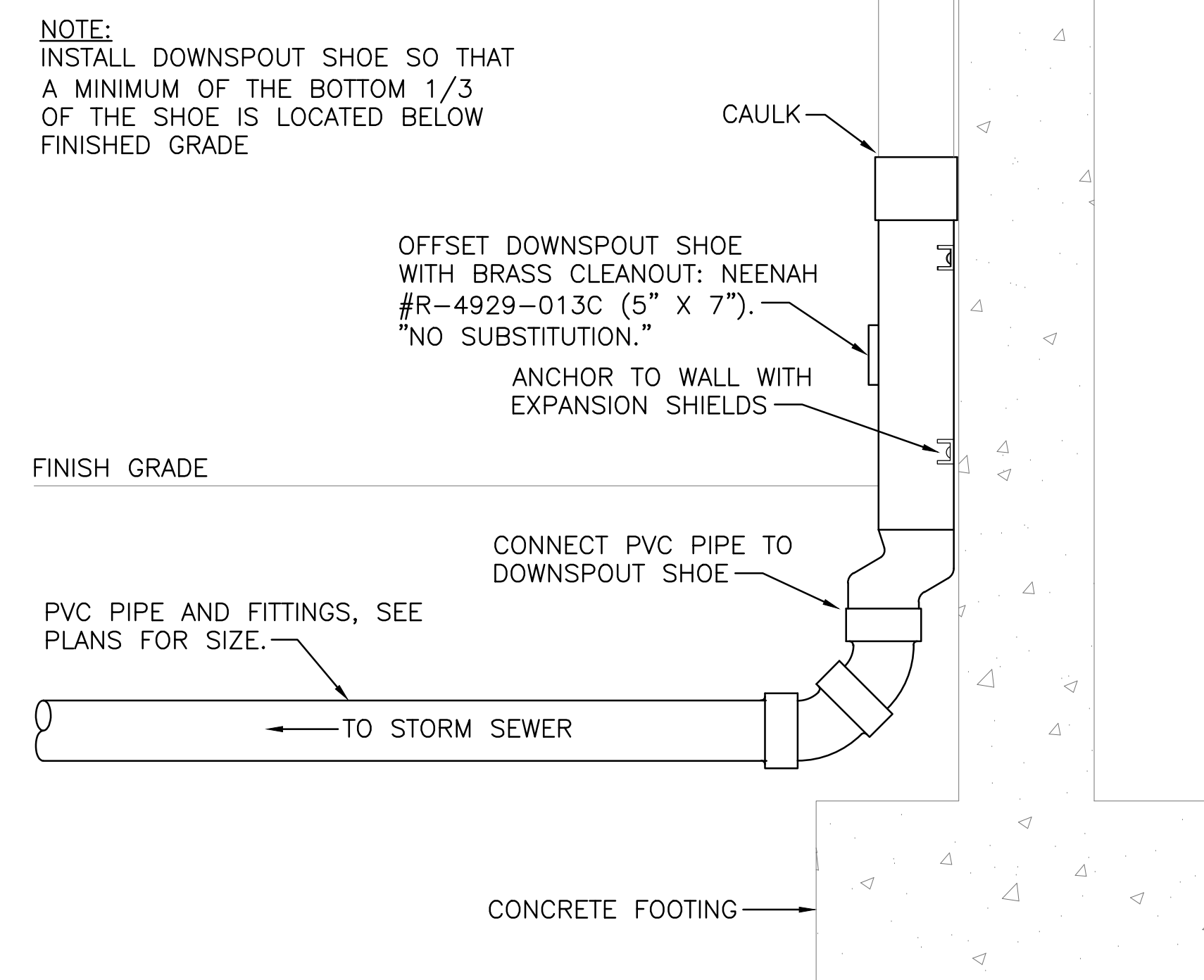
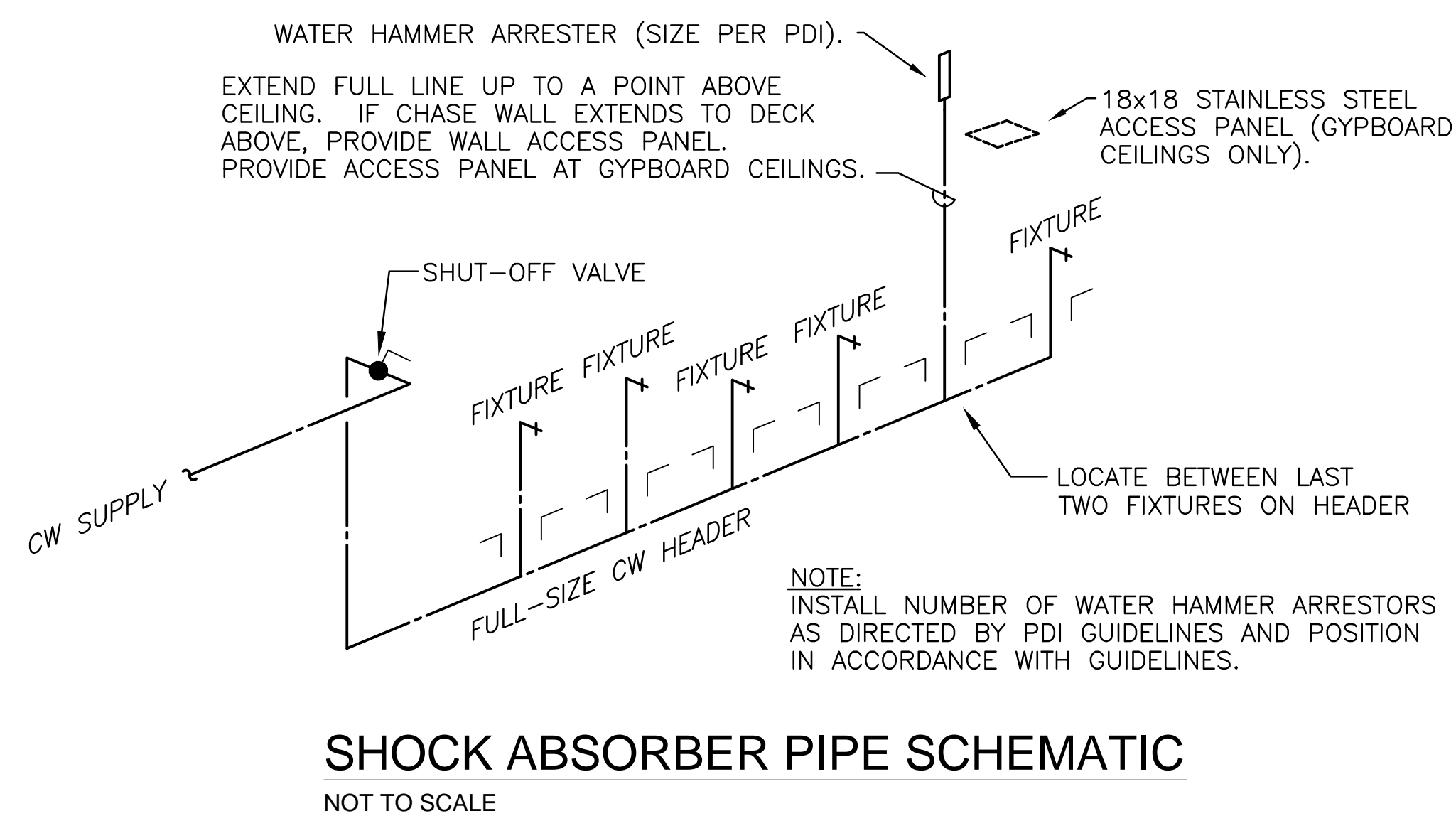
NOTE: SEE STRUCTURAL (S-SERIES) DRAWINGS FOR FLOORS SLOPING TO DRAIN. IN ALL OTHER FLOOR DRAIN LOCATIONS, FLOOR SHALL SLOPE IN A 4' RADIUS DIMPLE WHERE APPROPRIATE. COORDINATE ALL FLOOR DRAIN LOCATIONS WITH TOILET PARTITION LAYOUT.

CLEANOUT SCHEDULE

FIXTURE	DESCRIPTION
WCO	WALL ACCESS COVER (ALL AREAS): ROUND ST STL ACCESS COVER WITH 1/4"-20 X 3-1/2" CENTER SCREW TO BE USED WITH 3" COUNTERSINK CO PLUG W/ A 1/4"-20 TAPPED HOLE, WADE W-8480RB.
FCO	FLOOR CLEANOUT (GENERAL): CAST IRON CLEANOUT W/ THREADED, ADJUSTABLE HOUSING, FLANGED FERRULE W/ TAPERED BRASS PLUG, ROUND SECURED NICKEL BRONZE SCORRIATED TOP. WADE W-6004Z-TY.
GCO	GRADE CLEANOUT (GENERAL): CAST IRON CLEANOUT W/ THREADED, ADJUSTABLE HOUSING, FLANGED FERRULE W/ TAPERED BRASS PLUG, ROUND SECURED NICKEL BRONZE VENEER TRACTOR TYPE COVER WITH SECURITY SCREWS, WADE W-6004Z-179-TY.

GENERAL NOTES:

- DRAWINGS SHOW ONLY THE KNOWN SERVICES IN THE VICINITY OF THE PROJECT AREA.
- CONTRACTOR SHALL REMOVE, REWORK AND/OR REROUTE EXISTING SERVICES AS REQUIRED TO ACCOMPLISH THE WORK REQUIRED BY THIS CONTRACT.
- CONTRACTOR SHALL VISIT THE PROJECT SITE AND FIELD VERIFY LOCATIONS, ELEVATIONS, SIZES AND DIRECTION OF FLOW FOR ALL EXISTING SERVICES PRIOR TO STARTING CONSTRUCTION.
- EXISTING SERVICES TO REMAIN OR TO BE RELOCATED SHALL BE REPAIRED TO ORIGINAL OPERATION OR REPLACED SHOULD THEY BE DAMAGED DURING CONSTRUCTION.
- ALL EXISTING WORK NOT SHOWN ON THESE DRAWINGS SHALL REMAIN AS-IS UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL COORDINATE THE DISRUPTION OF ANY SERVICE WITH THE LOCAL OWNER'S REPRESENTATIVE A MINIMUM OF 72 HOURS PRIOR TO SAID DISRUPTION TO MINIMIZE ANY INCONVENIENCE TO THE OWNER/USER.
- CONTRACTOR SHALL COORDINATE INSTALLATION WITH ALL DISCIPLINES INVOLVED TO AVOID ANY PIPE ROUTING PROBLEMS. IN THE EVENT CONFLICTS ARE ENCOUNTERED WHICH CANNOT BE RESOLVED BY THE TRADES INVOLVED, THE ENGINEER SHALL BE CONSULTED AND HIS DECISION SHALL GOVERN.
- ALL VENTS SHALL BE A MINIMUM OF 12'-0" AWAY FROM ALL FRESH AIR INTAKES FOR AIR HANDLING UNITS.
- ALL PIPING SHOWN ON THESE DRAWINGS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODE REQUIREMENTS.
- PENETRATIONS THROUGH WALLS AND FLOORS SHALL BE SLEEVED AND/OR PATCHED AS DIRECTED BY THE SPECIFICATIONS. SEE ARCHITECTURAL DRAWINGS FOR FINAL FINISHES.
- ALL WORK SHOWN IS PART OF BASE BID EXCEPT WHERE OTHERWISE DESIGNATED.
- SEISMICALLY BRACE ALL PIPE AS REQUIRED BY LOCAL CODE.
- FIELD VERIFY CEILING SPACES AND CONDENSATE DRAIN PIPE ROUTING PRIOR TO CONSTRUCTION.



PD1.1 KEYNOTES

- 1 EXISTING PLUMBING TO REMAIN.
- 2 REMOVE PORTION OF EXISTING SANITARY BUILDING DRAIN FOR NEW CONNECTION.



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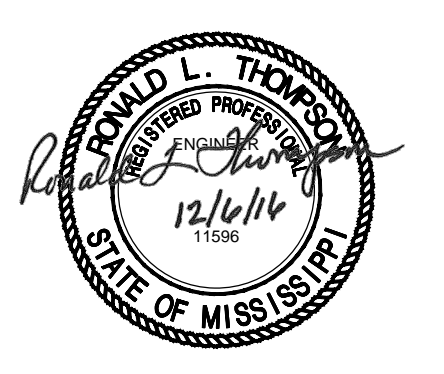
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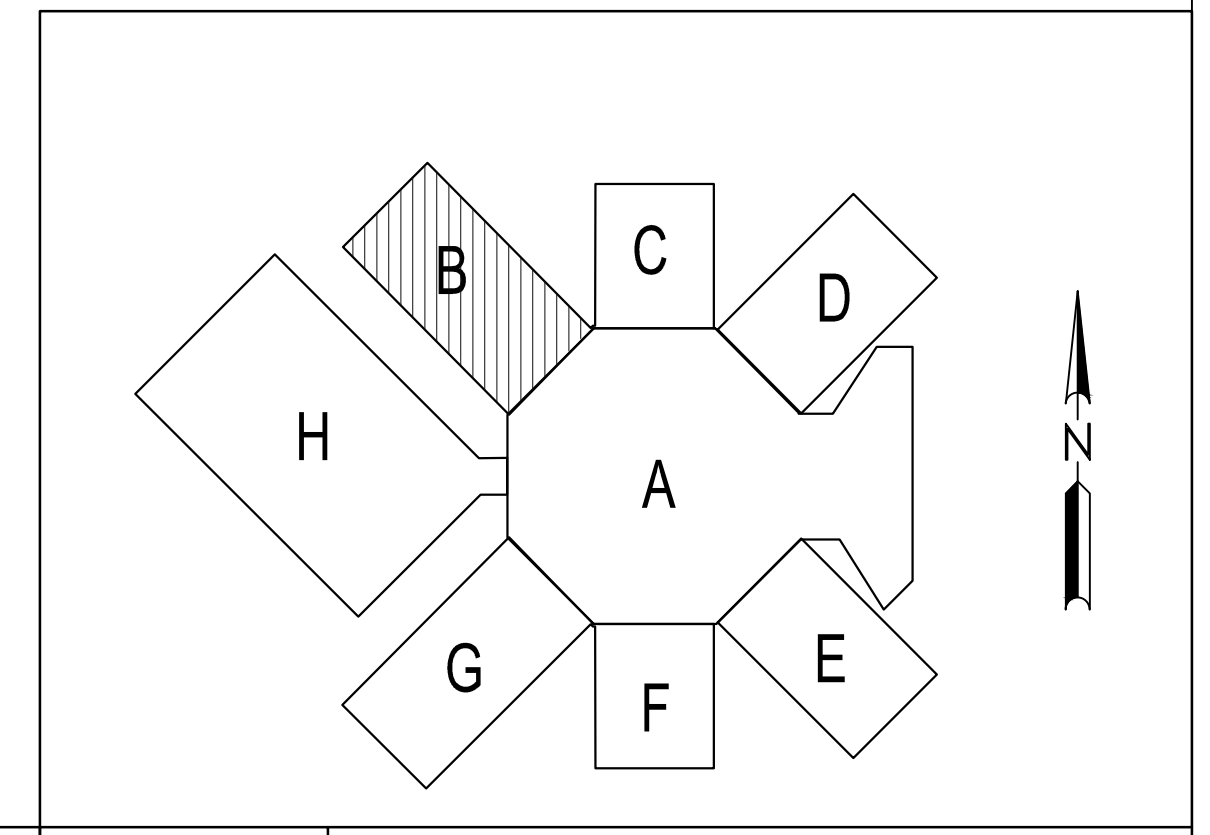
No.	Revision	Date

DEMOLITION FLOOR PLAN - UNDERGROUND PLUMBING

JOB NO: 62557
DATE: 12.06.16
DRAWN: TLJ
CHECKED: RLT
CAD FILE: PD1.1.dwg



LEWISBURG PRIMARY
PD1.1



PD2.1 KEYNOTES

- 1 EXISTING CONDENSATE DRAIN AND ROOFTOP UNIT TO REMAIN.
- 2 REMOVE EXISTING TOILET CW, HW, WASTE AND VENT PIPING. PREPARE EXISTING PIPING ABOVE CEILING FOR NEW CONNECTIONS.
- 3 EXISTING PIPING ABOVE CEILING TO REMAIN.
- 4 EXISTING CONDENSATE DRAIN PIPING ABOVE CEILING TO REMAIN.
- 5 INDICATES PIPING TO BE DEMOLISHED.
- 6 MARK INDICATES LIMIT POINTS OF DEMOLITION (TYPICAL).
- 7 EXISTING 3/4" CW UP TO ROOF HYDRANT TO REMAIN.
- 8 REMOVE EXISTING CW, HW, WASTE AND VENT PIPING FOR EXTENSION TO NEW SINK. PREPARE EXIST. PIPING FOR NEW CONNECTIONS.



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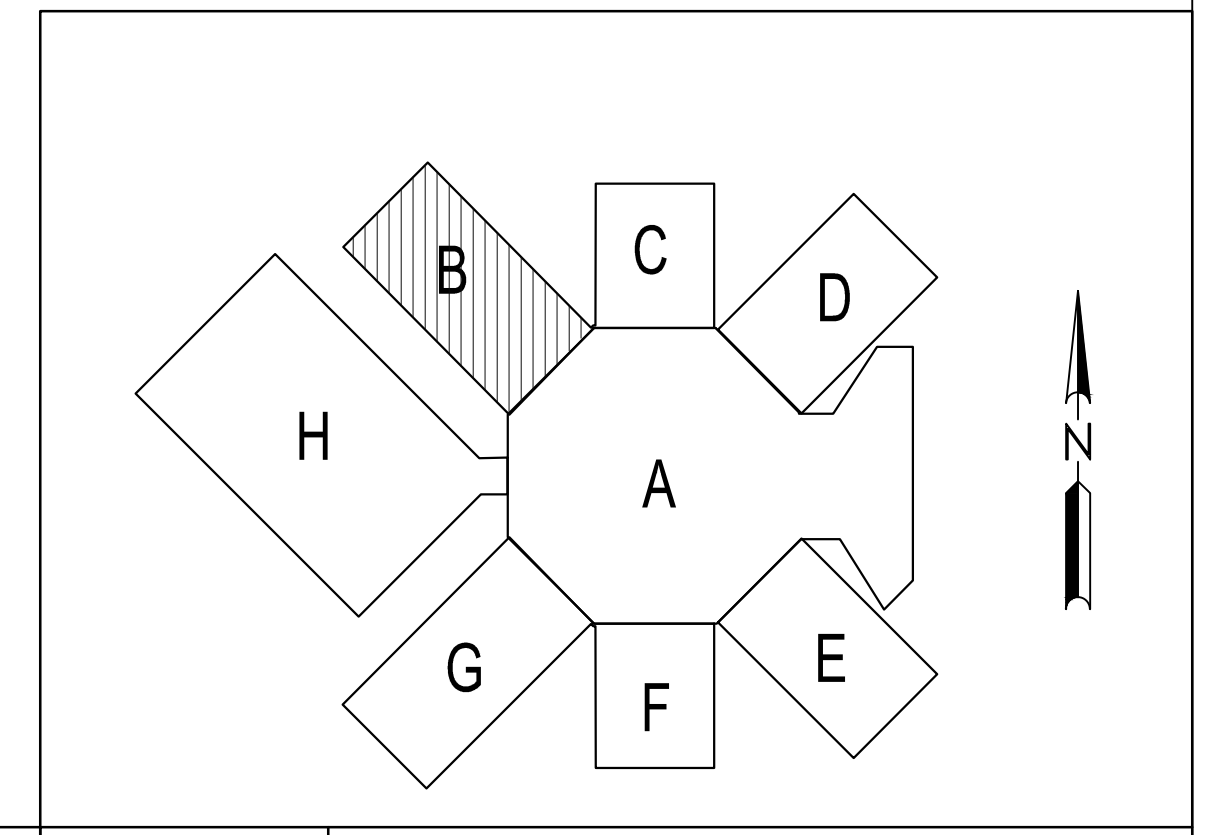
DEMOLITION FLOOR PLAN - ABOVE GROUND PLUMBING

No.	Revision	Date

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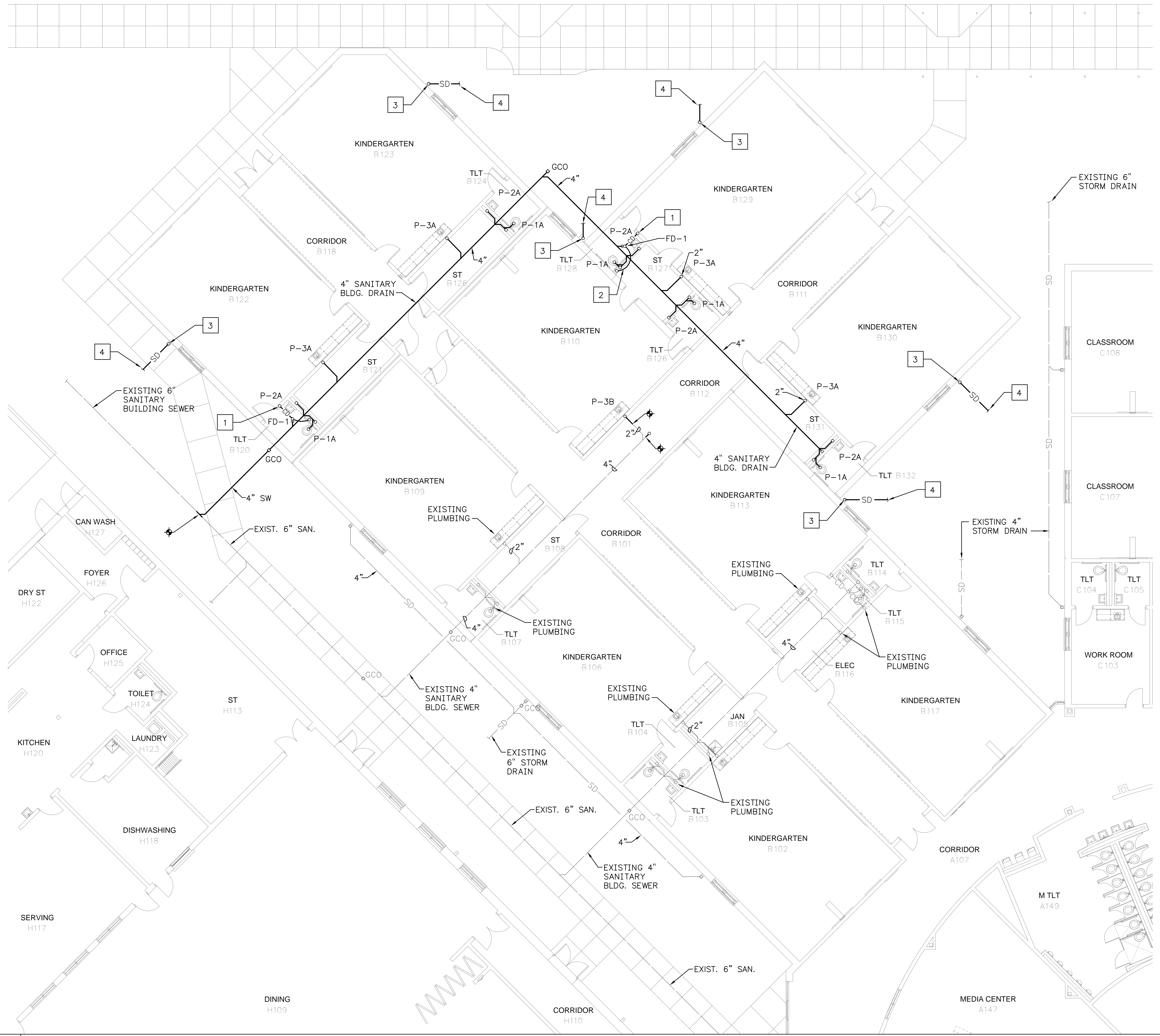


LEWISBURG PRIMARY
PD2.1



P1.1 KEYNOTES

- 1 CONDENSATE DRAIN FROM ABOVE. ROUTE 2" UNDER GROUND AND CONNECT TO HOUSE SIDE OF FLOOR DRAIN P-TRAP.
- 2 1/2" TRAP PRIMER LINE.
- 3 PROVIDE DOWNSPOUT BOOT WITH CLEANOUT: NEENAH #R-4929-013C, OR EQUIVALENT. INSTALL SHOE IN COMPLIANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- 4 4" STORM DRAIN. SEE CIVIL DRAWINGS FOR CONTINUATION. REFER TO CIVIL SPECIFICATION SECTION 334000 STORM SEWER SYSTEM FOR PIPING MATERIALS.



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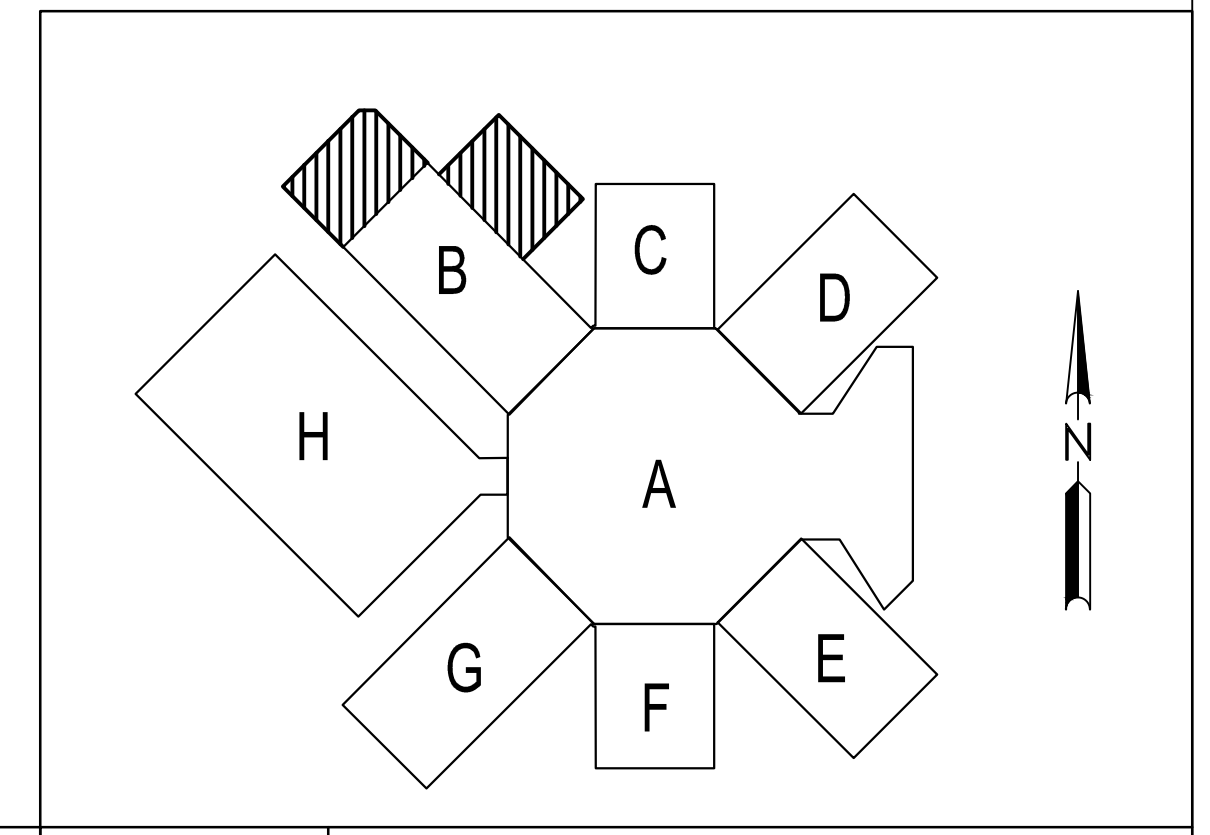
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FLOOR PLAN - UNDERGROUND PLUMBING

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LEWISBURG PRIMARY
P1.1

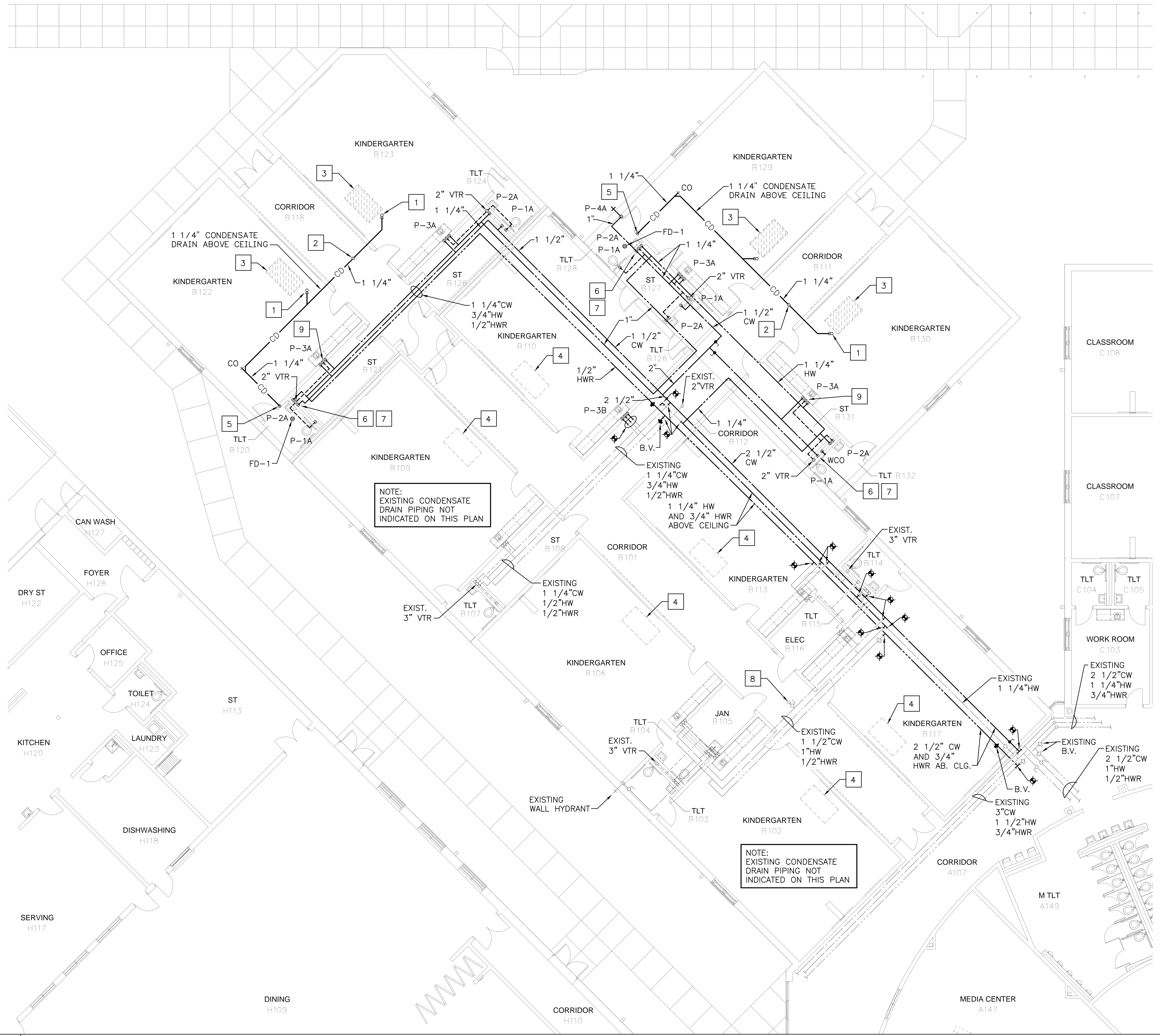


A1	FLOOR PLAN - UNDERGROUND PLUMBING	
P1.1.dwg	1/8" = 1' - 0"	

A16	KEYPLAN
	NOT TO SCALE

KEYNOTES

- 1 1 1/4" HUB DRAIN WITH INLET EXTENDED UP THRU, AND TERMINATED 4" ABOVE FINISHED ROOF WITHIN 24" OF ROOF TOP UNIT DRIP PAN CONNECTION. COORDINATE EXACT LOCATION IN FIELD WITH HVAC CONTRACTOR PRIOR TO INSTALLATION. HUB DRAIN P-TRAP SHALL BE LOCATED IN CEILING SPACE BELOW ROOF.
- 2 EXTEND 2" CONDENSATE VENT UP THRU ROOF AND TERMINATE 12" ABOVE FINISHED ROOF.
- 3 ROOF TOP UNIT, SEE HVAC (M-SERIES) DRAWINGS FOR FURTHER INFORMATION.
- 4 EXISTING ROOF TOP UNIT. EXISTING CONDENSATE DRAIN PIPING NOW SHOWN FOR CLARITY.
- 5 CONDENSATE DRAIN DOWN TO BELOW SLAB. SEE SHEET P1.1 FOR CONTINUATION.
- 6 1 1/4" CW AND 1/2" HW DOWN (TYPICAL AT TOILETS). INSTALL SHOCK ABSORBER ABOVE CEILING ELEVATION ON CW STANDPIPE ACCESSIBLE THROUGH REMOVABLE CEILING TILE OR ACCESS PANEL. SHOCK ABSORBER SHALL BE SIZED AND POSITIONED IN ACCORDANCE WITH PDI GUIDELINES.
- 7 DROP TO FULL SIZE HEADER IN CHASE, SEE SHOCK ABSORBER DETAIL SHEET P0.1.
- 8 EXISTING 3/4" CW UP TO ROOF HYDRANT.
- 9 2" VENT UP TO RUN ABOVE CEILING. 1/2" CW AND HW DOWN TO SINK (TYPICAL AT FIXTURE P-3A).



NOTE:
EXISTING CONDENSATE
DRAIN PIPING NOT
INDICATED ON THIS PLAN

NOTE:
EXISTING CONDENSATE
DRAIN PIPING NOT
INDICATED ON THIS PLAN

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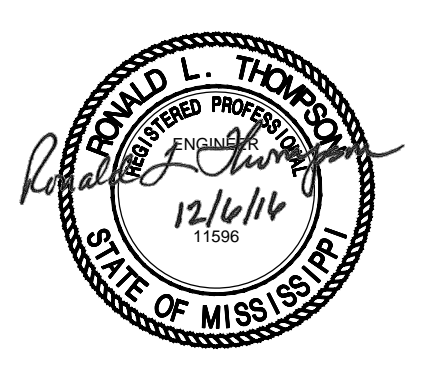
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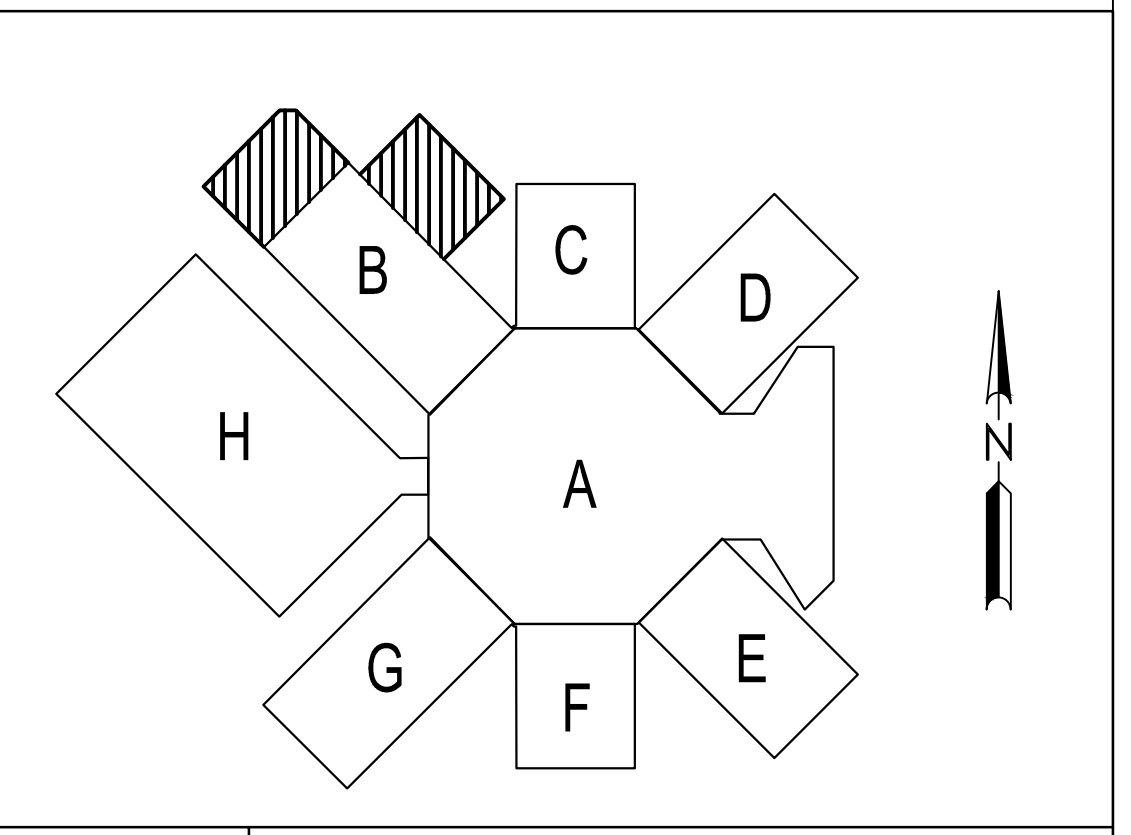
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LEGEND, NOTES AND FLOOR PLAN -
ABOVE GROUND PLUMBING

JOB NO: 62557
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CAD FILE: P2.1.dwg



LEWISBURG PRIMARY
P2.1



LEGEND	
SYMBOL	DESCRIPTION
— A/S —	AUTOMATIC SPRINKLER
- - - A/S - - -	EXISTING AUTOMATIC SPRINKLER
+	NEW CONNECTION
ABBREVIATIONS	
A.F.F. ABOVE FINISHED FLOOR	F.F. FINISHED FLOOR
AB. ABOVE	F.C.O. FLOOR CLEANOUT
ARCH. ARCHITECTURAL	HORIZ. HORIZONTAL
BEL. BELOW	MECH. MECHANICAL
CLG. CEILING	OPNG. OPENING
CONN. CONNECTION	REQD. REQUIRED
CONC. CONCRETE	SECT. SECTION
DN. DOWN	STRUCT. STRUCTURAL
DWG. DRAWING	S.S. STAINLESS STEEL
ELEV. ELEVATION	TYP. TYPICAL
ELEC. ELECTRICAL	U.N.O. UNLESS NOTED OTHERWISE

FIRE PROTECTION NOTES:

- FURNISH AND INSTALL A COMPLETE 100% HYDRAULICALLY CALCULATED AUTOMATIC SPRINKLER WET PIPE SPRINKLER SYSTEM AS SPECIFIED UNDER DIVISION 21 OF THE SPECIFICATIONS, SERVING AREAS OF BUILDING AS INDICATED ON THE PLANS.
- USE THE FOLLOWING NFPA-13 OCCUPANCY CLASSIFICATIONS IN THE DESIGN OF AND CALCULATIONS FOR THE NEW AUTOMATIC SPRINKLER SYSTEM: LIGHT HAZARD.
- REFER TO THE DRAWINGS FOR SPACE OCCUPANCY CLASSIFICATIONS.
- COORDINATE WITH THE OWNER, LOCAL WATER UTILITY, AND/OR THE LOCAL FIRE DEPARTMENT FOR THE PERFORMANCE OF A FLOW TEST IN ACCORDANCE WITH NFPA-13 REQUIREMENTS. CONDUCT THE FLOW TEST USING TWO FIRE HYDRANTS: THE FIRST FOR THE PRESSURE READINGS WHILE THE SECOND HYDRANT IS FLOWING.
- ALL A/S HEADS SHOWN IN SPACES WITHOUT CLGS. SHALL BE INSTALLED WITHIN 12" OF UNDERSIDE OF ROOF DECK AND IN ACCORDANCE WITH NFPA-13. ADDITIONAL HEADS MAY BE REQUIRED AND SHALL BE PROVIDED AROUND OBSTRUCTIONS IN ACCORDANCE WITH NFPA-13.
- INSTALL SPRINKLER HEADS IN CENTER OF 24" X 24" CEILING TILES AND AT 12" INTERVALS ALONG THE LONG AXIS OF 24" X 48" CEILING TILES. INSTALL HEADS A MINIMUM OF 12" OFF CEILING TILE SUPPORT GRID.
- INSTALL A/S SPRINKLER PIPING AS CLOSE TO STRUCTURE AS POSSIBLE. COORDINATE CEILING CLEARANCES WITH ALL OTHER TRADES PRIOR TO SYSTEM FABRICATION.
- INSTALL ALL SYSTEMS TO MEET THE REQUIREMENTS OF IFC (CURRENT EDITION), NFPA 13, THESE DOCUMENTS, FEDERAL, STATE AND LOCAL AUTHORITIES HAVING JURISDICTION, AND THE OWNER'S INSURANCE UNDERWRITER. NO PART OR SECTION OF NFPA (ALL CHAPTERS) SHALL BE VIOLATED. WHERE THE REQUIREMENTS OF THE CONTRACT DOCUMENTS ARE LESS STRINGENT THAN THE REQUIREMENTS OF THE INSURANCE UNDERWRITER, THE UNDERWRITER'S REQUIREMENTS SHALL TAKE PRECEDENCE.
- THE AUTOMATIC SPRINKLER SYSTEM SHALL BE SUPERVISED IN COMPLIANCE WITH NFPA 13, 8.15.1.1.2.
- COORDINATE WITH ALL DISCIPLINES INVOLVED PRIOR TO FABRICATION OR INSTALLATION TO AVOID ANY PIPE ROUTING PROBLEMS.
- INSTALL PIPE PENETRATIONS THROUGH WALLS AND FLOORS AS DIRECTED BY THE SPECIFICATIONS AND DETAILS. SEE ARCHITECTURAL DRAWINGS FOR FINAL FINISHES.
- ALL SYSTEM VALVES AND GAUGES SHALL BE ACCESSIBLE FOR INSPECTION AND MAINTENANCE.
- SEISMICALLY BRACE ALL PIPING.
- PRIOR TO CONSTRUCTION, SUBMIT SHOP DRAWINGS FOR THE AUTOMATIC SPRINKLER SYSTEM FOR REVIEW AND APPROVAL. SHOP DRAWINGS SHALL BE PREPARED ACCORDING TO NFPA 13, AND APPROVED AND STAMPED BY THE AUTHORITIES HAVING JURISDICTION. INCLUDE HYDRAULIC CALCULATIONS.

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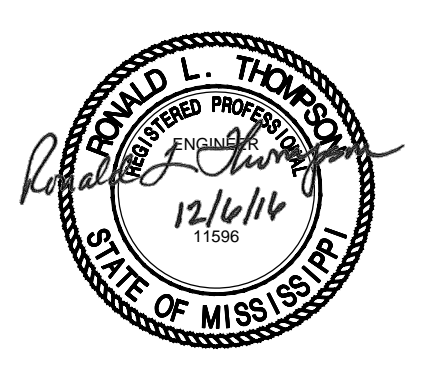
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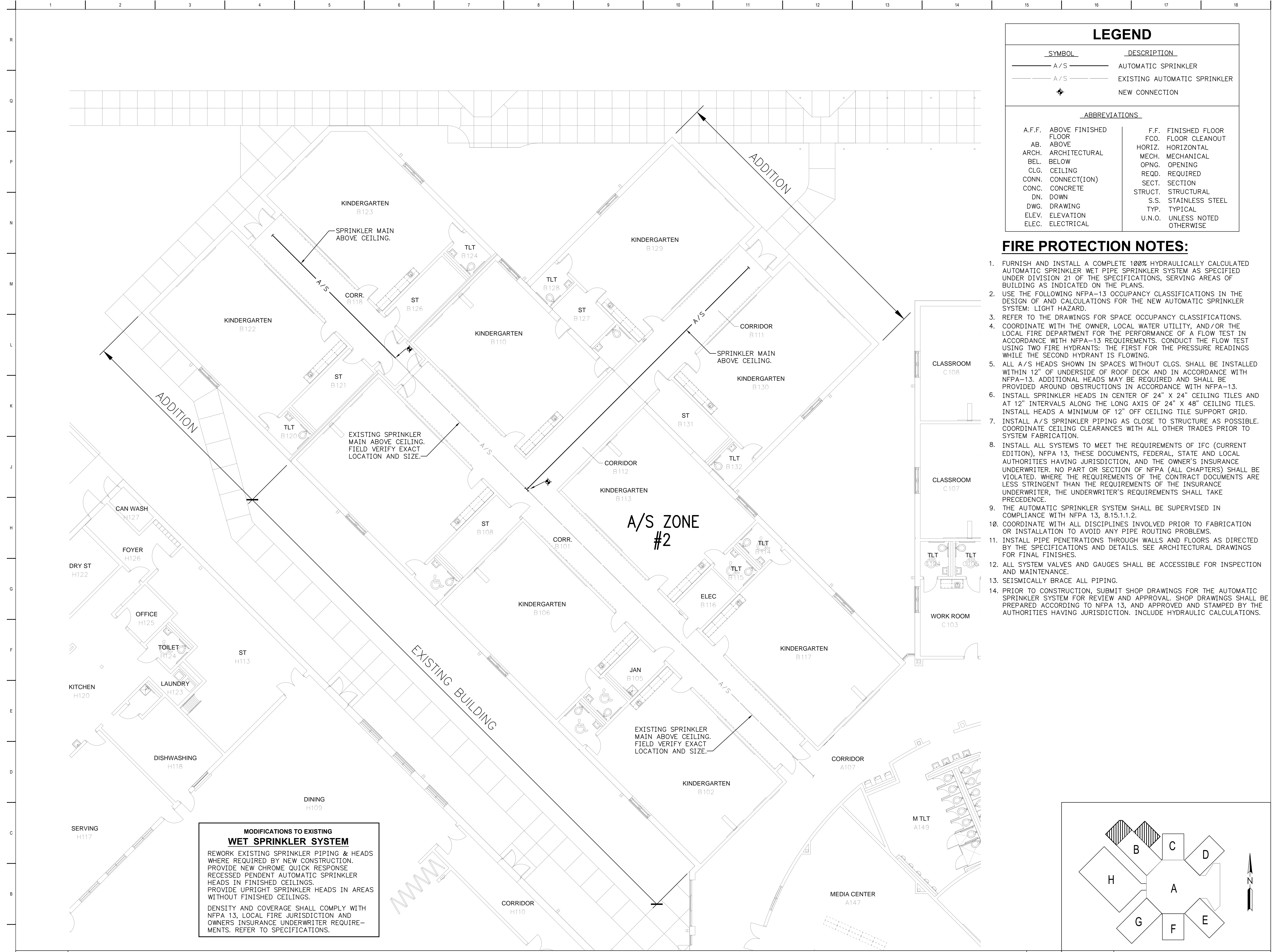
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FLOOR PLAN, LEGEND AND NOTES - FIRE PROTECTION

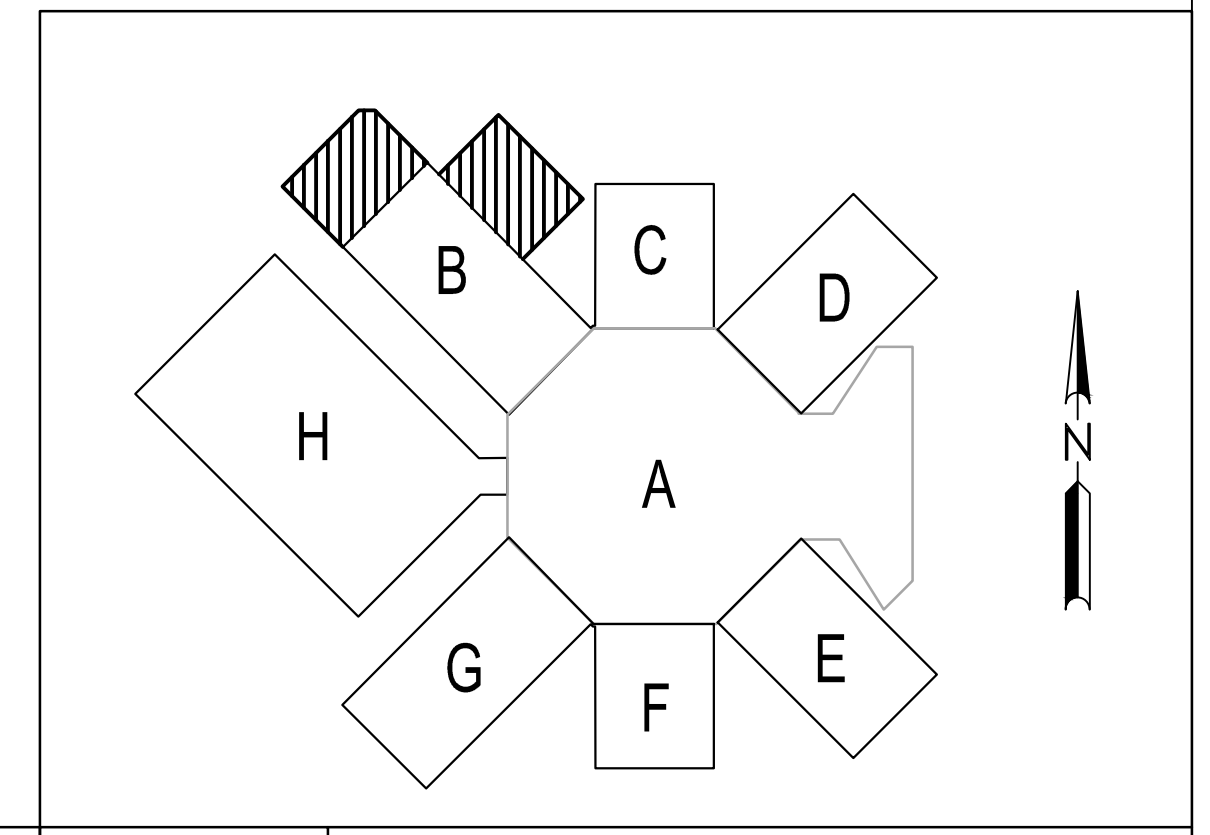
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FP1.1

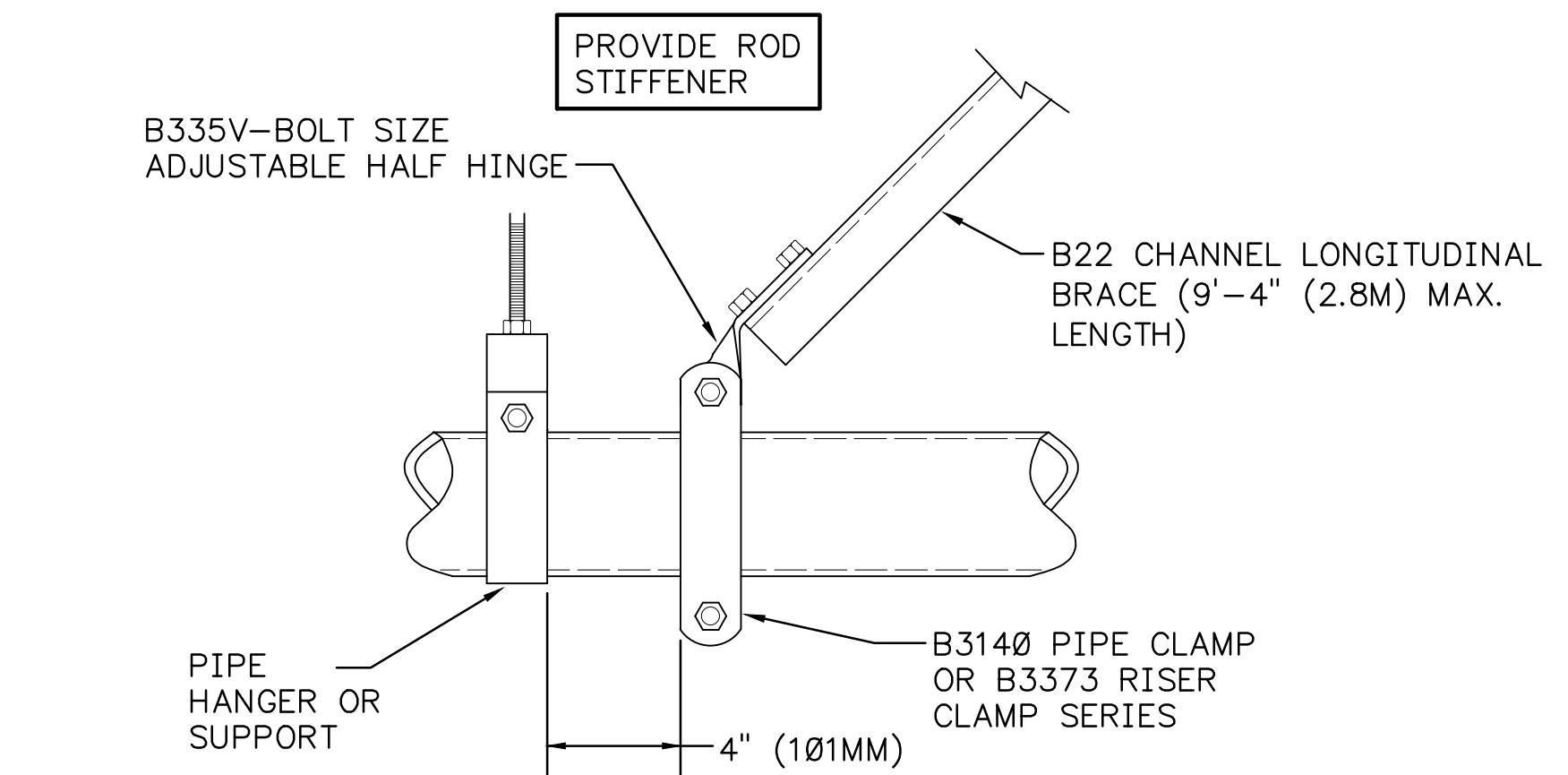


MODIFICATIONS TO EXISTING WET SPRINKLER SYSTEM
REWORK EXISTING SPRINKLER PIPING & HEADS WHERE REQUIRED BY NEW CONSTRUCTION. PROVIDE NEW CHROME QUICK RESPONSE RECESSED PENDENT AUTOMATIC SPRINKLER HEADS IN FINISHED CEILINGS. PROVIDE UPRIGHT SPRINKLER HEADS IN AREAS WITHOUT FINISHED CEILINGS.
DENSITY AND COVERAGE SHALL COMPLY WITH NFPA 13, LOCAL FIRE JURISDICTION AND OWNERS INSURANCE UNDERWRITER REQUIREMENTS. REFER TO SPECIFICATIONS.



A1	FLOOR PLAN - FIRE PROTECTION	
FP1.1 FP2.1	1/8" = 1' - 0"	

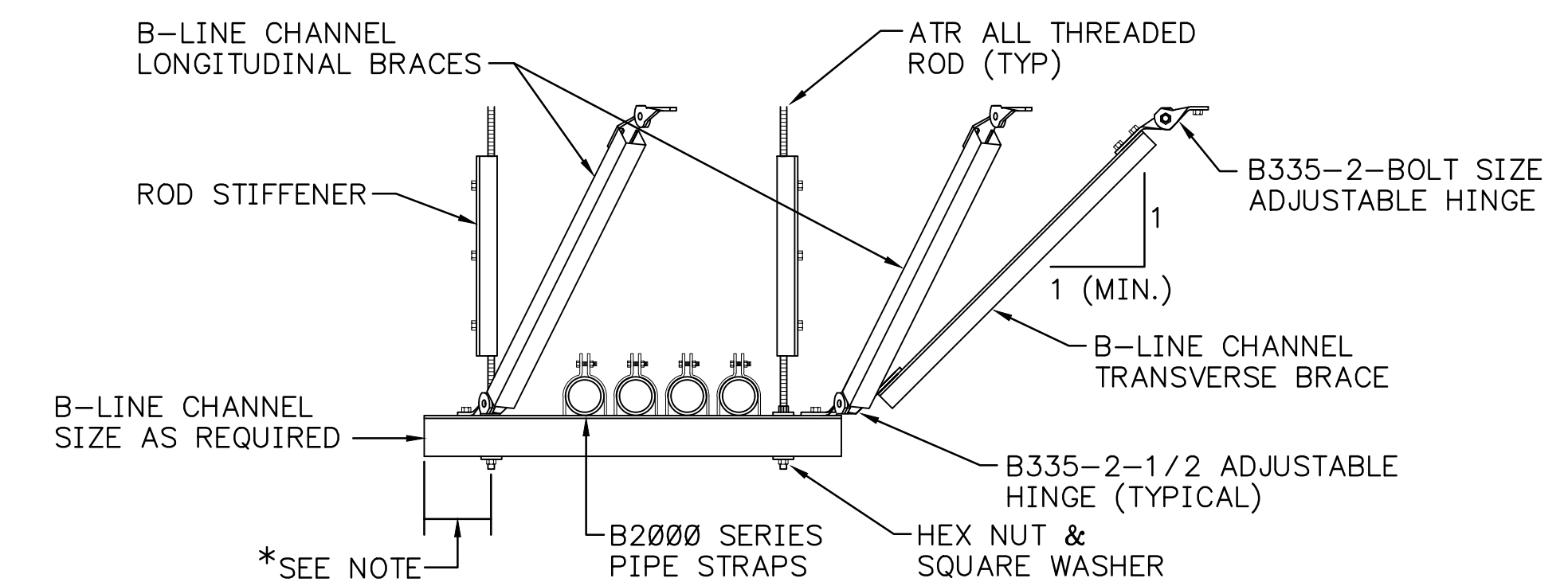
A16	KEYPLAN
	NOT TO SCALE



PIPE SIZE	PIPE CLAMP* NO.	ADJUSTABLE HALF HINGE PART NO.	RISER CLAMP* PART NO.	ADJUSTABLE HALF HINGE PART NO.
1" (25)	B3140-1	B335V-1/2	B3373-1	B335V-1/2
1 1/4" (32)	B3140-1 1/4	B335V-1/2	B3373-1 1/4	B335V-1/2
1 1/2" (40)	B3140-1 1/2	B335V-1/2	B3373-1 1/2	B335V-1/2
2" (50)	B3140-2	B335V-1/2	B3373-2	B335V-1/2
2 1/2" (65)	B3140-2 1/2	B335V-1/2	B3373-2 1/2	B335V-1/2
3" (80)	B3140-3	B335V-1/2	B3373-3	B335V-1/2
3 1/2" (90)	B3140-3 1/2	B335V-1/2	B3373-3 1/2	B335V-1/2
4" (100)	B3140-4	B335V-1/2	B3373-4	B335V-1/2
5" (125)	B3140-5	B335V-1/2	B3373-5	B335V-1/2
6" (150)	B3140-6	B335V-1/2	B3373-6	B335V-1/2
8" (200)	B3140-8	B335V-1/2	B3373-8	B335V-1/2
10" (250)	---	B335V-1/2	B3373-10	B335V-1/2
12" (300)	---	B335V-1/2	B3373-12	B335V-1/2

B-LINE PRODUCTS LISTED. ACCEPTABLE MANUFACTURERS: GRINNEL, PHD, TOLCO.

LONGITUDINAL SEISMIC BRACING DETAIL
NO SCALE



TRAPEZE TRANSVERSE AND LONGITUDINAL BRACING

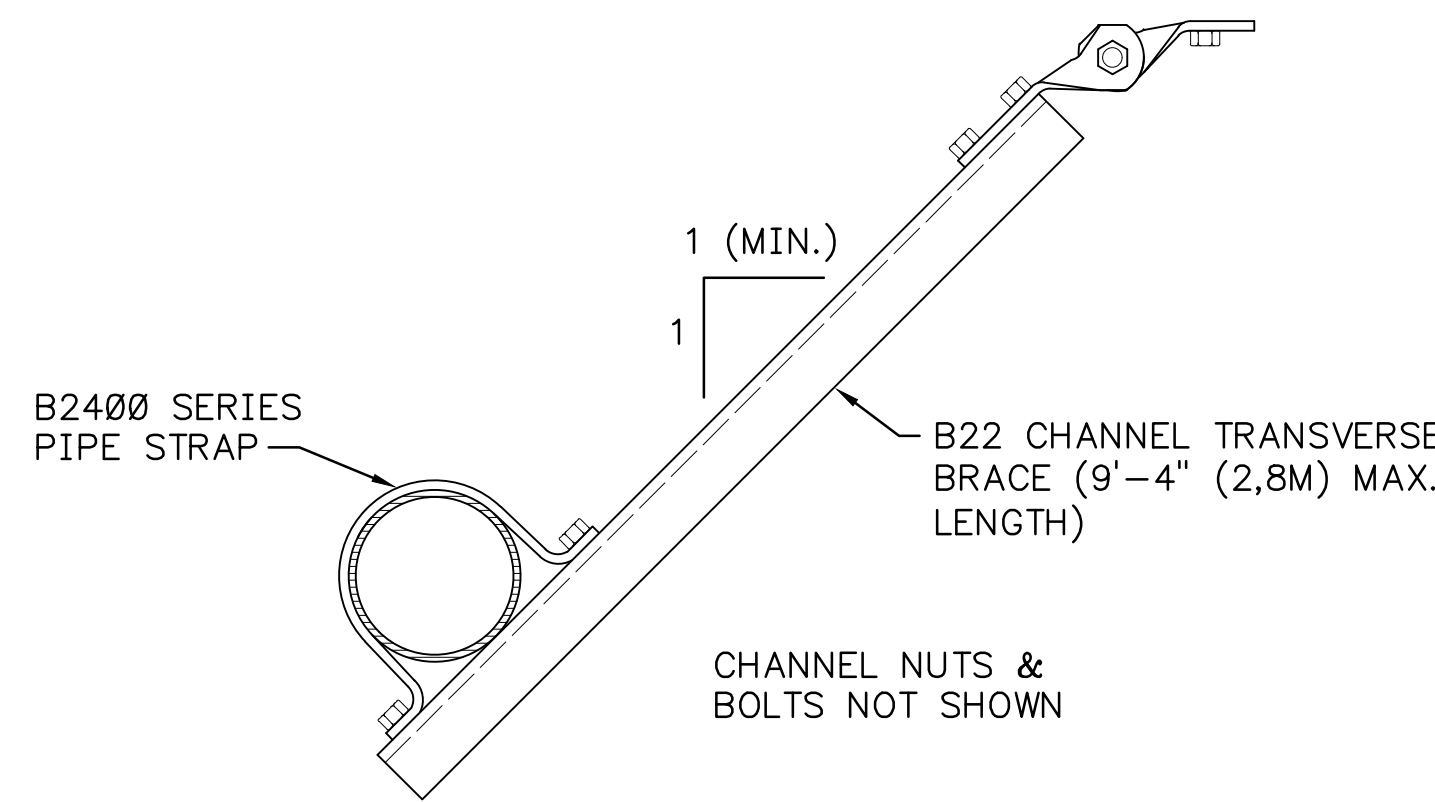
TOLCO PRODUCTS LISTED. ACCEPTABLE SUBSTITUTIONS: GRINNEL, PHD, B-LINE.

NOTES:

- B335-2 ADJUSTABLE HINGES FOR LONGITUDINAL BRACES MAY BE ATTACHED ON EITHER SIDE ADJACENT TO THE ALL THREAD ROD ITSELF.
- B335-2 ADJUSTABLE HINGES FOR TRANSVERSE BRACES MAY BE ATTACHED TO THE ALL THREAD ROD.
- TWO B335-2 ADJUSTABLE HINGES MAY BE ATTACHED TO THE STRUT TRAPEZE USING THE SAME BOLT OR ALL THREAD ROD.
- IT IS NOT NECESSARY TO INSTALL BOTH TRANSVERSE BRACES AND LONGITUDINAL BRACES ON THE SAME TRAPEZE SUPPORT. EITHER SET OF BRACES MAY BE REMOVED TO FORM A LONGITUDINAL BRACE ONLY OR A TRANSVERSE BRACE ONLY IF DESIRED.
- LONGITUDINAL BRACES, WHEN NEEDED, MUST BE INSTALLED AT BOTH ENDS OF TRAPEZE.
- BRACING ATTACHMENTS SHALL BE CONNECTION TYPE I WITH 3/8" DIA. ANCHOR BOLTS EQUAL TO HILTI KWIK BOLT II. MINIMUM EMBEDMENT SHALL BE 2-1/2".
- ALL THREAD RODS SHALL BE CONNECTED TO 3/8" DIA. ANCHOR BOLTS WITH ROD COUPLER, HEX NUT & B2000 SERIES SQUARE WASHER. ANCHOR BOLTS SHALL BE EQUAL TO HILTI HEX NUT & B2000 SERIES SQUARE WASHER.
- LOCATION AND SPACING OF SEISMIC BRACING AS FOLLOWS:
LONGITUDINAL BRACING AT 30 FT MAXIMUM INTERVALS. TRANSVERSE BRACING AT 20 FT MAXIMUM INTERVALS.

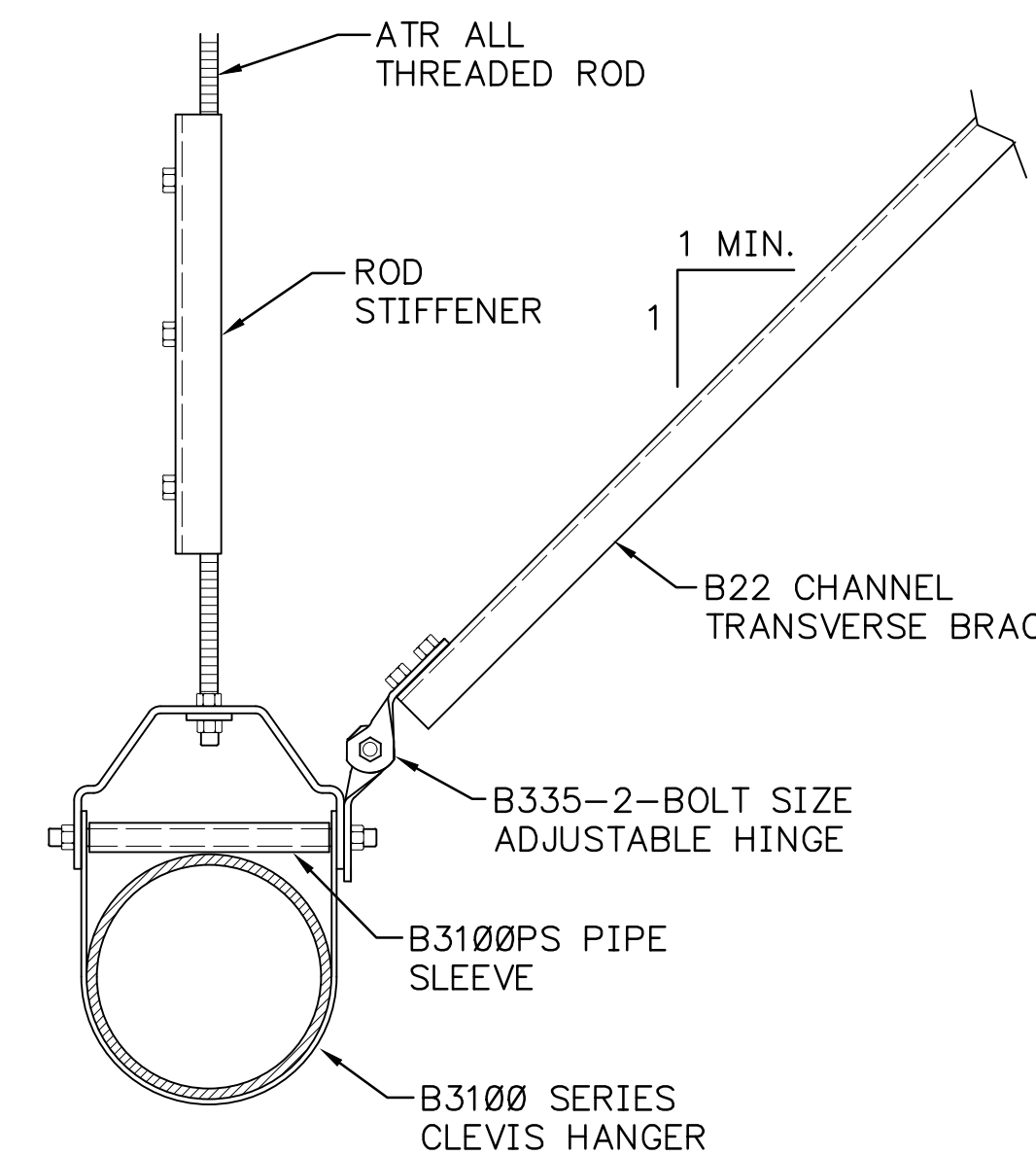
*DETERMINE LENGTH OF TRAPEZE, MAKING SURE SUFFICIENT LENGTH IS ADDED TO ATTACH THE ALL THREAD ROD AND BRACING ATTACHMENTS.

TRAPEZE SEISMIC BRACING DETAIL
NO SCALE



B-LINE PRODUCTS LISTED. ACCEPTABLE MANUFACTURERS: GRINNEL, PHD, TOLCO.
NOTE: INSTALL BRACE WITHIN 4" (101MM) OF HANGER. (HANGER NOT SHOWN FOR CLARITY. SEE LONGITUDINAL DETAIL, THIS SHEET)

TRANSVERSE SEISMIC BRACING DETAIL
NO SCALE



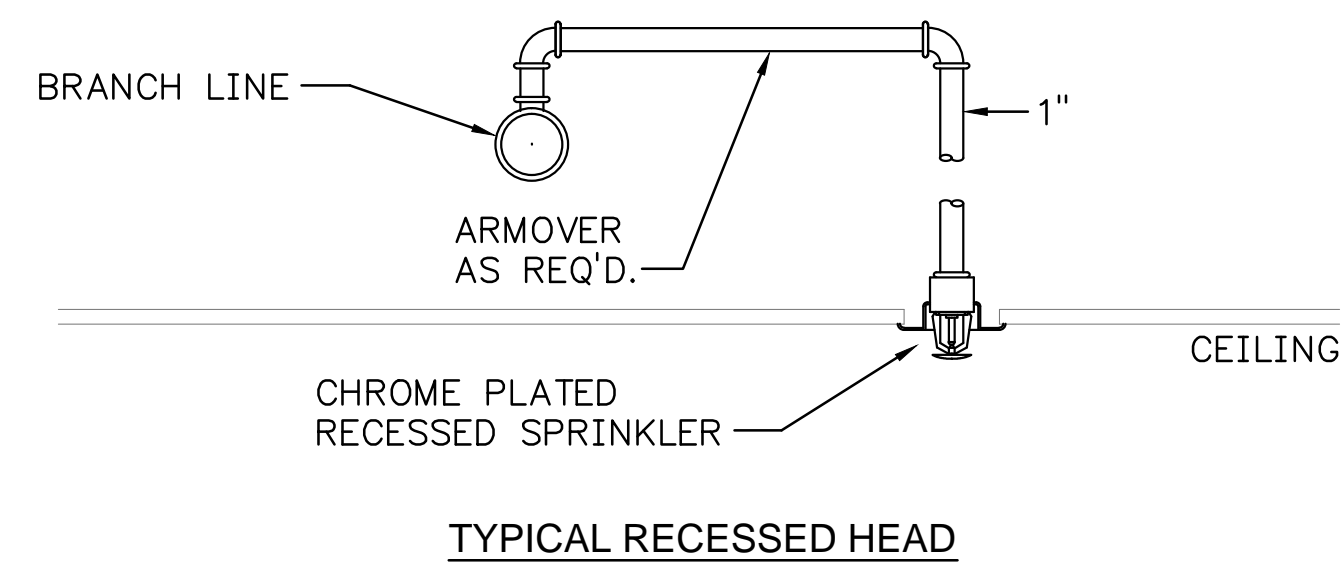
PIPE SIZE	CLEVIS HANGER PART NO.	ADJUSTABLE HINGE PART NO.	PIPE SLEEVE PART NO.*
1/2 (15)	B3100-1/2	N/A	N/A
3/4 (20)	B3100-3/4	N/A	N/A
1 (25)	B3100-1	B335-2-3/8	B3100PS-1
1 1/4 (32)	B3100-1 1/4	B335-2-3/8	B3100PS-1 1/4
1 1/2 (40)	B3100-1 1/2	B335-2-3/8	B3100PS-1 1/2
2 (50)	B3100-2	B335-2-3/8	B3100PS-2
2 1/2 (65)	B3100-2 1/2	B335-2-3/8	B3100PS-2 1/2
3 (80)	B3100-3	B335-2-3/8	B3100PS-3
3 1/2 (90)	B3100-3 1/2	B335-2-3/8	B3100PS-3 1/2
4 (100)	B3100-4	B335-2-3/8	B3100PS-4
5 (125)	B3100-5	B335-2-1/2	B3100PS-5
6 (150)	B3100-6	B335-2-1/2	B3100PS-6

*NOT INCLUDED WHEN ORDERING STANDARD B3100 SERIES CLEVIS HANGER.

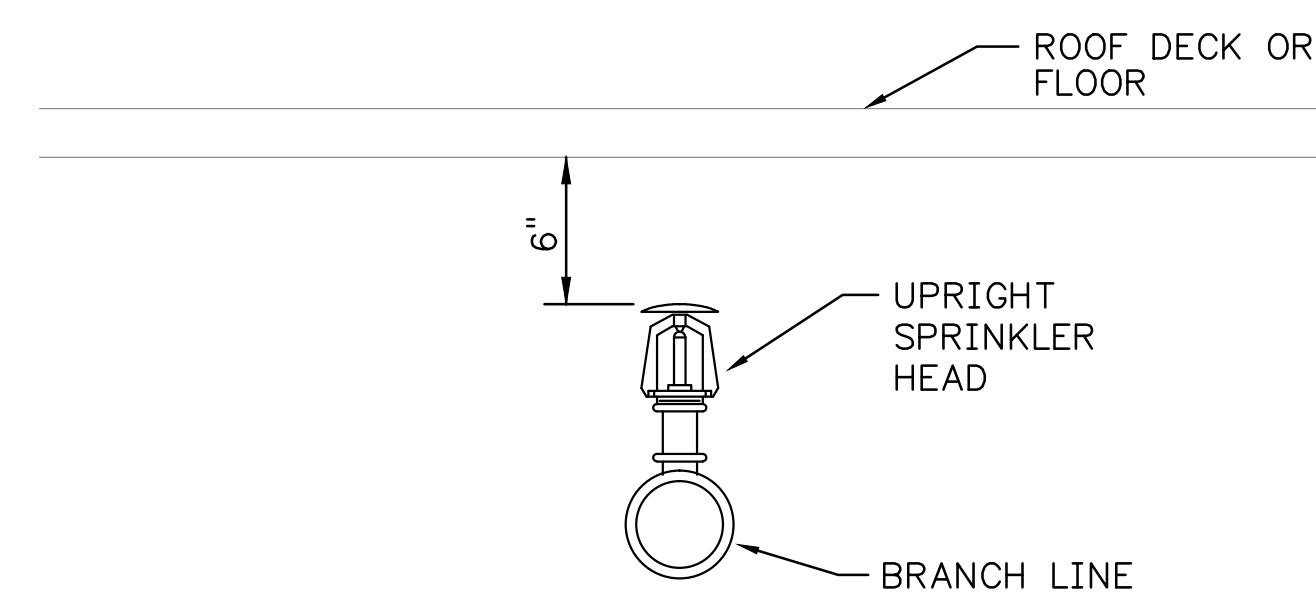
B-LINE PRODUCTS LISTED. ACCEPTABLE MANUFACTURERS: GRINNEL, PHD, TOLCO.

NOTE: PIPE SLEEVE REQUIRED OVER CROSS BOLT OF CLEVIS HANGER WHEN USING THE BRACE CONNECTION SHOWN ABOVE (FIGURE 1). PIPE SLEEVE IS NOT REQUIRED WHEN CLEVIS HANGER IS USED IN CONJUNCTION WITH THE BRACING SHOWN IN TRANSVERSE BRACING DETAIL.

CLEVIS HANGER SEISMIC BRACING DETAIL
NO SCALE



TYPICAL RECESSED HEAD



TYPICAL UPRIGHT HEAD

NOTES:

- INSTALLATION AND MATERIALS SHALL MEET THE REQUIREMENTS OF THE OWNER'S INSURANCE UNDERWRITER.
- REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS, INCLUDING EXACT TYPES OF SPECIFIED AUTOMATIC SPRINKLER HEADS. REFER TO FLOOR PLANS FOR LOCATIONS OF DIFFERENT TYPES OF SPECIFIED A/S HEADS.

SPRINKLER HEAD INSTALLATION DETAILS
NO SCALE

FIXTURE MOUNTING		FIXTURE TYPE		LENS		FINISH	
R-RECESSED	U-UNIVERSAL	F-FLUORESCENT	A-ACRYLIC	WH-WHITE			
S-SURFACE	W-WALL	LED-LIGHT EMITTING DIODE	P-POLYCARBONATE	CB-CARBON BRONZE			
			G-GLASS	DB-DARK BRONZE			

TYPE NO.	MANUF'R	CATALOG NO.	FIX. MTG.	FIX. TYPE	LENS	FIN.	LAMP NO.	WATTS	VOLTS	COMMENTS
A	METALUX	24SR-LD1-48-C-UNV-L840	R	LED	A	WH	-	49	UNV	LED VOLUMETRIC TROFFER - PROVIDE WITH DIMMING BALLAST, UOI
AE	METALUX	24SR-LD1-48-C-UNV-EL14-L840	R	LED	A	WH	-	49	UNV	LED VOLUMETRIC TROFFER - PROVIDE WITH DIMMING BALLAST AND 1400 LUMEN EMERGENCY OPTION, UOI
C	METALUX	APLBA-232	S	F	-	WH	2	32	UNV	INDUSTRIAL STRIP
D	PRESCOLITE	LF6LED-6LFLED5-40K-WT	R	LED	G	WH	-	25	UNV	LED DOWNLIGHT WITH WET-LOCATION LENS
DE	LITHONIA	AFN-DB-EXT-FWD	W	LED	G	DB	-	11	UNV	LED ARCHITECTURAL EMERGENCY LIGHT
E	SURE-LITES	EEX-2-R	U	LED	P	WH	-	4.6	UNV	LED EXIT SIGN - MTD. ABOVE DOOR HEADER AS REQUIRED
J	LUMARK	XTOR5A-MS/DIM-L20	W	LED	A	CB	-	50	UNV	LED WALL PACK WITH INTEGRAL PHOTOCELL AND DIMMING DRIVER - SEE NOTE 4

GENERAL LIGHTING NOTES:

1. ALL BALLASTS SHALL BE ELECTRONIC WITH ≤ 20% THD.
2. ALL "EQUAL" ALTERNATE FIXTURES ARE SUBJECT TO APPROVAL BY ARCHITECT/ENGINEER, 10 DAYS PRIOR TO BID.
3. ALL EXIT FIXTURES SHALL BE WALL, CENTER MOUNTED ABOVE DOOR HEADER, UOI.
4. FIXTURE MOUNTING SHALL BE COORDINATED WITH ARCHITECTURAL ELEVATIONS.

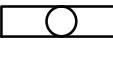


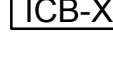

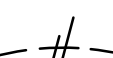
2 FIXTURE SCHEDULE
NO SCALE











GENERAL NOTES:

1. CONTRACTOR SHALL PROVIDE ALL ACCESSORIES AND CIRCUITRY AS REQUIRED FOR OPERATION OF ALL OCCUPANCY SENSORS. CONTRACTOR SHALL PROVIDED OCCUPANCY SENSORS RATED FOR EXHAUST FANS AS REQUIRED.
2. CONTRACTOR SHALL PROVIDE PROJECTORS, DATA, AND INTERCOM SYSTEMS INCLUDING WIRING AS DESCRIBED IN THE SPECIFICATIONS.
3. CONTRACTOR SHALL TIE ALL FIRE ALARM DEVICES INTO EXISTING FIRE ALARM SYSTEM IN EXISTING SCHOOL. CONTRACTOR SHALL PROVIDE (1) NEW LOOP CARD AND (2) NEW POWER SUPPLIES TO ALLOW INTEGRATION OF NEW FIRE ALARM DEVICES.

3 GENERAL NOTES
NO SCALE

1 LEGEND
NO SCALE

-  RECESSED LIGHTING FIXTURE
-  SURFACE, PENDANT OR BRACKET MTD. LIGHTING FIXTURE
-  RECESSED LIGHTING FIXTURE WITH 1400 LUMEN EMERGENCY BALLAST. PROVIDE AN ADDITIONAL UNSWITCHED "HOT" CONDUCTOR TO FIXTURE.
-  RECESSED LIGHTING FIXTURE
-  WALL MTD. EMERGENCY LIGHTING FIXTURE
-  SURFACE, PENDANT OR BRACKET MTD. LIGHTING FIXT.
-  EXIT FIXTURE - FACE & DIRECTIONAL ARROWS AS INDICATED, TYPE "E", UOI
- A DENOTES FIXTURE TYPE A - SEE FIXTURE SCHEDULE
- S SPST SWITCH - CENTER MTD. 48" AFF, UOI
-  WALL MTD. WIRELESS WALL SWITCH WITH DIMMING. TIME-OUT SHALL BE SET TO 5 MINUTES FOR ALL AREAS, UOI. LUTRON PX-3BRL-GWH-01 OR APPROVED EQUIVALENT - MTD. 48" AFF, UOI
-  SPST MULTI-TECHNOLOGY OCCUPANCY SWITCH WITH MANUAL SWITCH - CENTER MTD. 48" AFF, UOI LEVITON "OSSMT-MDW" OR APPROVED EQUIVALENT. DELAY TIME = 10 MINUTES IN OFFICES, CLASSROOMS AND CORRIDORS. 30 MINUTES FOR BATHROOMS/LOCKER AREAS.
-  WALL-MOUNTED WIRED OCCUPANCY SENSOR. DELAY TIME SHALL BE SET TO 5 MINUTES FOR ALL AREAS, UOI. LUTRON LOX-WDT-WH OR APPROVED EQUIVALENT.
-  CEILING MOUNTED WIRED OCCUPANCY SENSOR. DELAY TIME SHALL BE SET TO 5 MINUTES FOR ALL AREAS, UOI. LUTRON LOS-CDT-2000-WH OR APPROVED EQUIVALENT.
-  CORNER MOUNTED WIRED OCCUPANCY SENSOR. DELAY TIME SHALL BE SET TO 5 MINUTES FOR ALL AREAS, UOI. LUTRON OR APPROVED EQUIVALENT.
-  NOTE INDICATION
-  DUPLEX RECEPTACLE, CENTER MTD. 18" AFF, UOI
-  GROUND FAULT INTERRUPTER RECEPTACLE, CENTER MTD. 44" AFF, UOI
-  DOUBLE DUPLEX RECEPTACLE, CENTER MTD. 18" AFF, UOI
-  RECEPTACLE FOR TV EQUIPMENT, CENTER MTD. 96" AFF, UOI
- CKT CIRCUIT
- UOI UNLESS OTHERWISE INDICATED
- GFCI GROUND FAULT CIRCUIT INTERRUPT
- WP WEATHERPROOF
- AC ABOVE COUNTER - CENTER MTD. 4" ABOVE BACKSPLASH - COORDINATE WITH ARCH.
-  120/208V 3PH, 4W PANELBOARD - EXISTING
-  277/480V 3PH, 4W PANELBOARD - EXISTING
-  TRANSFORMER
-  MOTOR CONNECTION - NO. INDICATES HORSEPOWER
-  FUSED DISCONNECT SWITCH IN WP ENCLOSURE - SIZE AS INDICATED
-  TV DEVICE CENTER MTD. 96" AFF. UOI, SEE ARCH. ELEVATIONS FOR EXACT LOCATION RUN 1" CONDUIT UP TO NEAREST ACCESSIBLE CEILING SPACE - PROVIDE BLANK COVERPLATE AS NECESSARY. CABLING & TERMINATIONS PER SPECS.
-  OUTLET FOR INTERCOM CABLE CENTER MTD. 60" AFF. UOI - RUN 1" EMPTY CONDUIT UP TO NEAREST ACCESSIBLE CEILING SPACE. DEVICE, CABLING, & TERMINATIONS PER SPECS.
-  OUTDOOR INTERCOM PAGING HORN - BY DIV. 27 - SEE SPECIFICATIONS. ELECTRICAL CONTRACTOR SHALL PROVIDE 2-GANG BOX WITH 1-GANG REDUCER RING AT 12" AFG. STUB 3/4"C ABOVE NEAREST ACCESSIBLE CEILING SPACE.
-  INTERCOM SPEAKER - BY DIVISION 27 - SEE SPECS
-  INTERCOM PUNCH BLOCK - EXISTING
-  SECURITY CAMERA - ELECTRICAL CONTRACTOR SHALL PROVIDE EMPTY BOX, CONDUIT, AND 120V CONNECTION FROM NEAREST "COMPUTER" PANEL. CAMERA & DATA CABLING BY DIVISION 27.
-  CABLE TRAY - MTD. WITH SEISMIC RESTRAINTS PER CONTRACTOR. PROVIDE SEISMIC EVALUATION & STRUCTURAL SUPPORT. SEE SPECIFICATIONS.
-  DATA/PHONE OUTLET MOUNTED 18" AFF. - PROVIDE 1 1/4"C TO NEAREST ACCESSIBLE CEILING SPACE. RANDL, INC 5 SQUARE 2 1/4" BOX (CAT. T-55017 & D-51G034) OR APPROVED EQUIVALENT. CABLING & TERMINATIONS PER SPECS
- D-X INDICATES NUMBER OF DATA DROPS - BY DIVISION 27 - SEE SPECS
-  SINGLE-FACE WIRELESS CLOCK - 2-GANG BOX FOR MOUNTING BY DIV 26. SEE SPECIFICATIONS
-  DOUBLE-FACE WIRELESS CLOCK - 2-GANG BOX FOR MOUNTING BY DIV 26. SEE SPECIFICATIONS
-  WIRE IN CONDUIT RUN OVERHEAD - CONCEALED IN OR ABOVE CEILING IN WALL OR EXPOSED ON STRUCTURE
-  WIRE IN CONDUIT RUN CONCEALED BELOW FLOOR, IN WALL OR BELOW GRADE
-  INDICATES GROUNDING CONDUCTOR

-  RECESSED CONNECTION BLOCK FOR POWER, COAXIAL, USB AND HDMI CABLES (DATACOMM ELECTRONICS MODEL # 45-0010-WH OR APPROVED EQUAL). SHALL HAVE (1) DUPLEX PLATE, (1) COAXIAL PLATE, AND (1) DATA PLATE. FLUSH MOUNT IN CEILING, AGAINST WALL, CENTERED ABOVE WALL MOUNTED PROJECTOR. USB AND HDMI CABLING SHALL BE PER SMART TV MANUFACTURER'S REQUIREMENTS. ROUTE FROM TEACHER'S DESK LOCATION TO SMART TV LOCATION AS INDICATED ON PLANS.
-  FIRE STOPPING COMMUNICATIONS PENETRATION. EZ PATH BY STI FIRE STOP - NO SUBSTITUTE. 22 INDICATES EZD22. 33 INDICATES EZDP33FWS, & 44 INDICATES EZD44. LOCATIONS WITH (3) 44'S REQUIRE A EZP544W WALL KIT. FURNISHED AND INSTALLED BY DIVISION 26. PENETRATION SHALL BE ABOVE FINISHED CEILING, AS APPLICABLE.
-  2-GANG, RECESSED, DEEP OUTLET BOX WITH 1-GANG PLASTER RING AT 12" ABOVE LAY-IN TILE CEILING WITH 1"C TO CEILING SPACE FOR WIRELESS ACCESS POINT - PROVIDE DATA DROP TO NEAREST DATA CLOSET
-  FIRE ALARM SYSTEM - MANUAL STATION, MTD. 48" AFF, UOI
-  FIRE ALARM SYSTEM - COMBINATION AUDIBLE & VISUAL INDICATOR
-  FIRE ALARM SYSTEM - CONTROL PANEL
-  FIRE ALARM SYSTEM - VISUAL SIGNAL DEVICE
-  FIRE ALARM SYSTEM - NONDISPOSABLE SMOKE DETECTOR IN DUCT
-  FIRE ALARM SYSTEM - CEILING MTD. SMOKE DETECTOR
-  DOOR HOLDER

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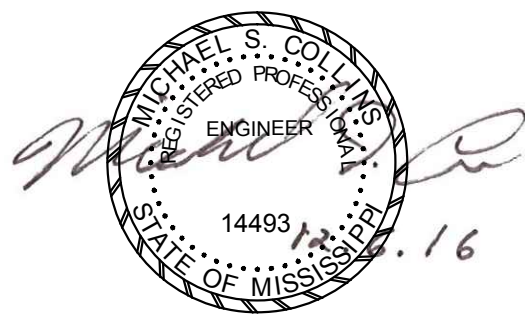
CLASSROOM ADDITION TO
LEWISBURG PRIMARY SCHOOL

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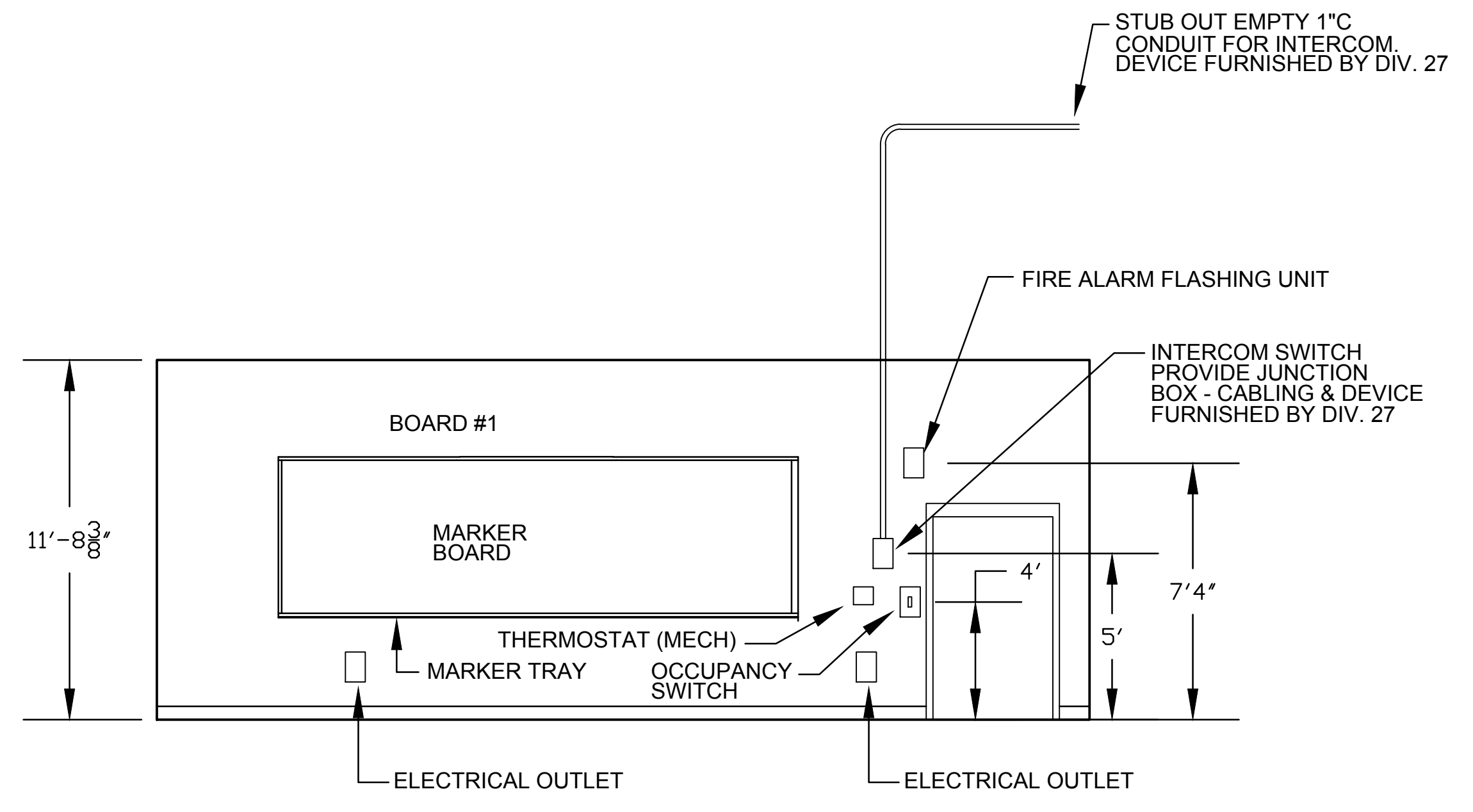
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LEGEND & LIGHTING FIXTURE
SCHEDULE - ELECTRICAL

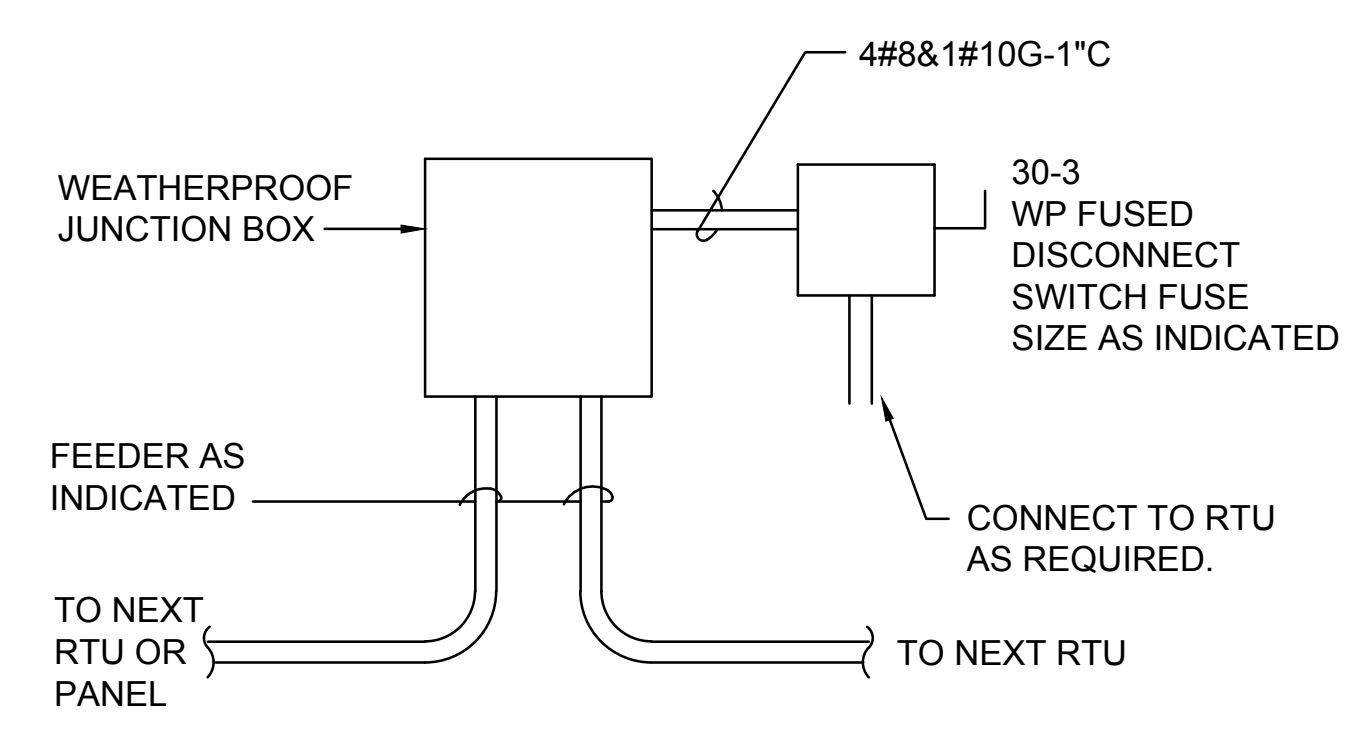
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LEWISBURG PRIMARY
EO.1



1 CLASSROOM WALL SCHEMATIC
NO SCALE



2 RTU FEEDER TAP DETAIL
NO SCALE

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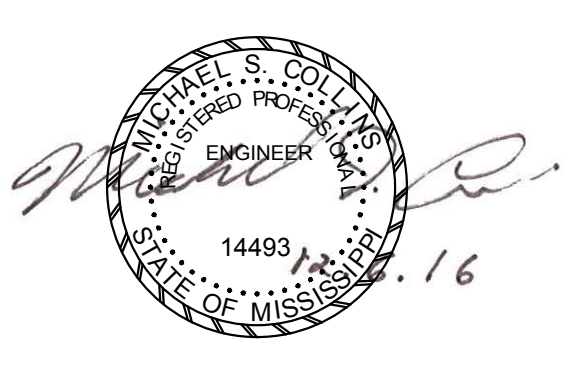
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DETAILS - ELECTRICAL

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- REFERENCE NOTES:**
1. REMOVE WP RECEPTACLE. RE-POSITION BOX TO BE FLUSH WITH NEW WALL FINISH. PROVIDE NEW RECEPTACLE AND COVER PLATE.
 2. DEMOLISH EXISTING WALLPACK. SEE E2.1 FOR NEW WORK. EXTEND CIRCUIT TO NEW FIXTURE.
 3. DEMOLISH EXISTING DOWNLIGHT AND RELOCATE EMERGENCY EGRESS LIGHT TO NEW VESTIBULE. CLEAN FIXTURE BEFORE REINSTALLING. EXTEND EXISTING CIRCUITS TO NEW LOCATION. SEE E2.1 FOR NEW WORK.
 4. RELOCATE EXISTING SECURITY CAMERA TO NEW EXTERIOR WALL, AT SAME HEIGHT ABOVE FINISHED FLOOR. EXTEND SECURITY CIRCUIT TO NEW LOCATION.
 5. RELOCATE EXISTING P.A. SPEAKER TO NEW EXTERIOR WALL AT SAME HEIGHT ABOVE FINISHED FLOOR. EXTEND SPEAKER WIRING TO NEW LOCATION.



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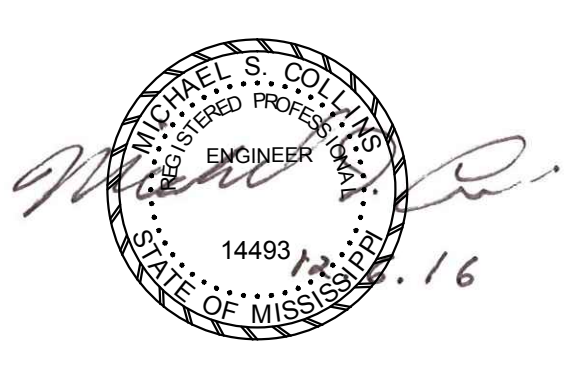
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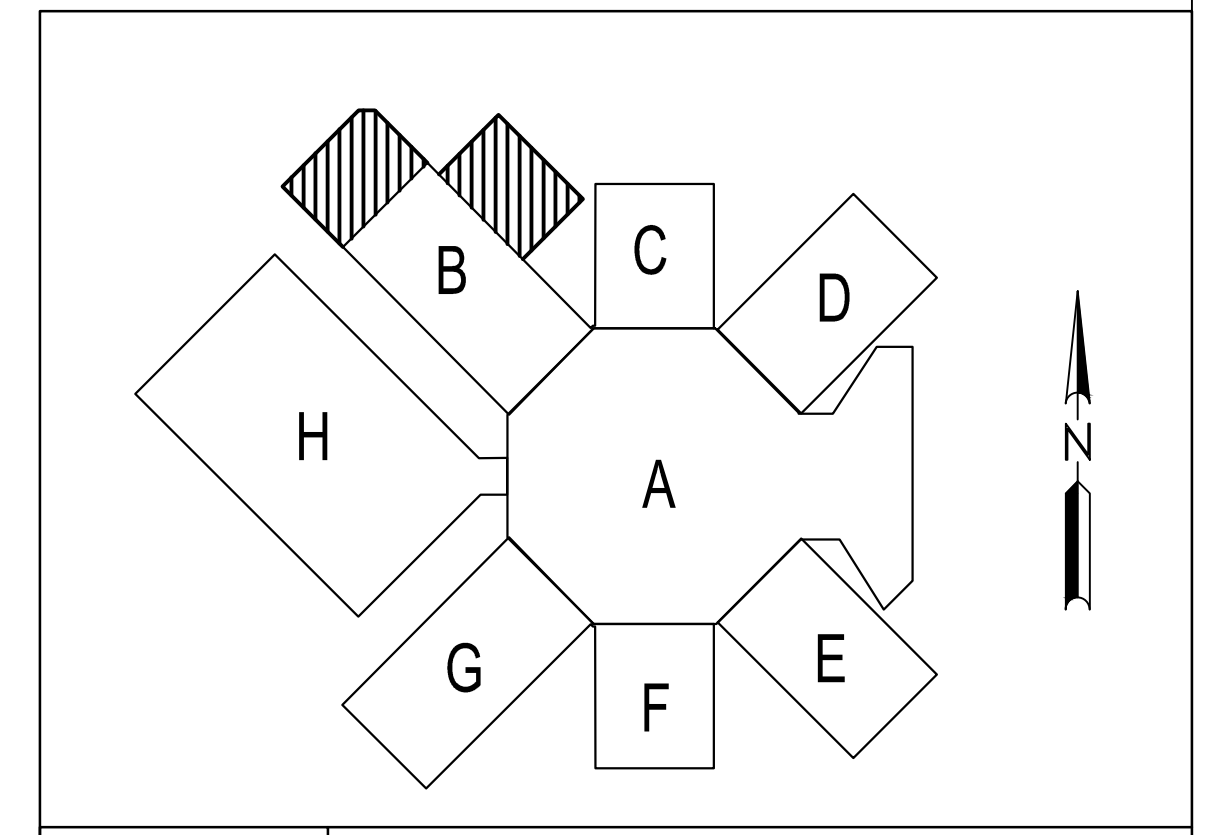
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PARTIAL FLOOR PLAN - AREA B DEMOLITION - ELECTRICAL

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LEWISBURG PRIMARY
E1.1



A1 PARTIAL FLOOR PLAN - AREA B DEMOLITION - ELECTRICAL
1/8"=1'-0"

A16 KEYPLAN
NOT TO SCALE

GENERAL NOTES: (SHEET E2.1)

1. ALL LIGHTING LAYOUTS ARE BASED ON REFLECTED CEILING PLAN. DO NOT ALTER THE NUMBER OF FIXTURES INDICATED ON DRAWINGS. SEE FIXTURE SCHEDULE FOR APPLICABLE NOTES.
2. ALL FIXTURES ARE TYPE "A", UOI.
3. LIGHT FIXTURES SHALL BE CENTERED IN CORRIDOR. COORDINATE WITH ARCHITECTURAL PLANS.
4. COORDINATE EXACT LOCATION OF EXTERIOR FIXTURES WITH ARCHITECTURAL DRAWINGS.
5. CONTRACTOR SHALL PROVIDE POWER PACKS FOR OCCUPANCY SENSORS AS REQUIRED BY MANUFACTURER. PROVIDE 120V, CIRCUITS FROM NEAREST "NORMAL" PANEL AS REQUIRED.
6. CONTRACTOR SHALL RUN #10 WIRE IN 3/4" C TO ALL EXTERIOR FIXTURES, MINIMUM.

REFERENCE NOTES: (SHEET E2.1)

1. CORNER AND WALL MOUNTED OCCUPANCY SENSOR SHALL BE MTD. CLEAR OF DOOR SWING. COORDINATE WITH ARCHITECTURAL PLANS. (TYP.)
2. OCCUPANCY SWITCHES SHALL CONTROL CORRIDOR FIXTURES, UOI. (TYP.)
3. NEW LOCATION FOR EMERGENCY LIGHT FIXTURE REMOVED DURING DEMOLITION.



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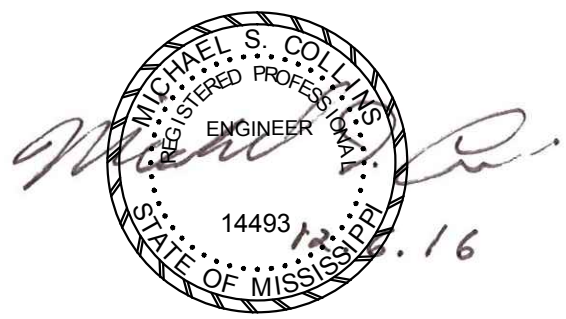
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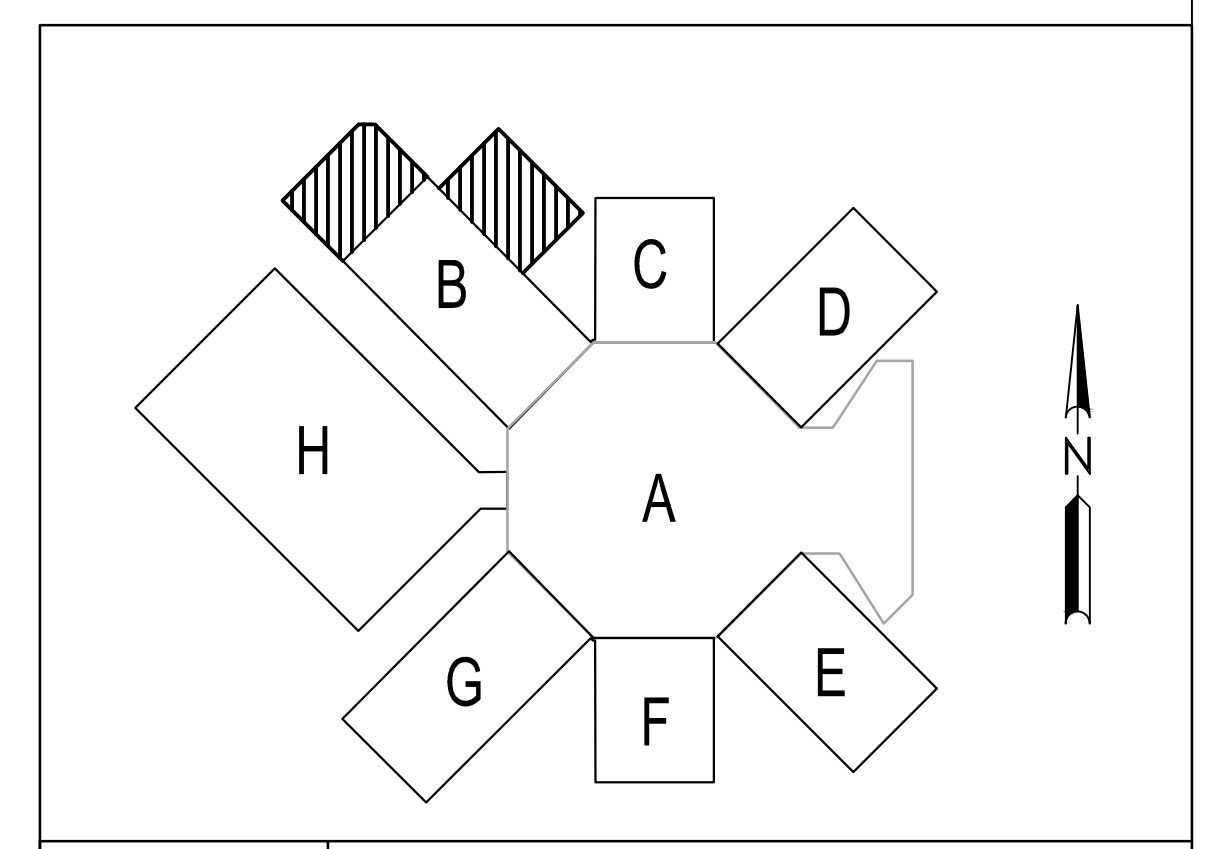
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PARTIAL FLOOR PLAN -
AREA B LIGHTING -
ELECTRICAL

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LEWISBURG PRIMARY
E2.1



A16	KEYPLAN
NOT TO SCALE	

A1	PARTIAL FLOOR PLAN - AREA B - LIGHTING - ELECTRICAL
1/8" = 1'-0"	

CLASSROOM ADDITION TO LEWISBURG PRIMARY SCHOOL

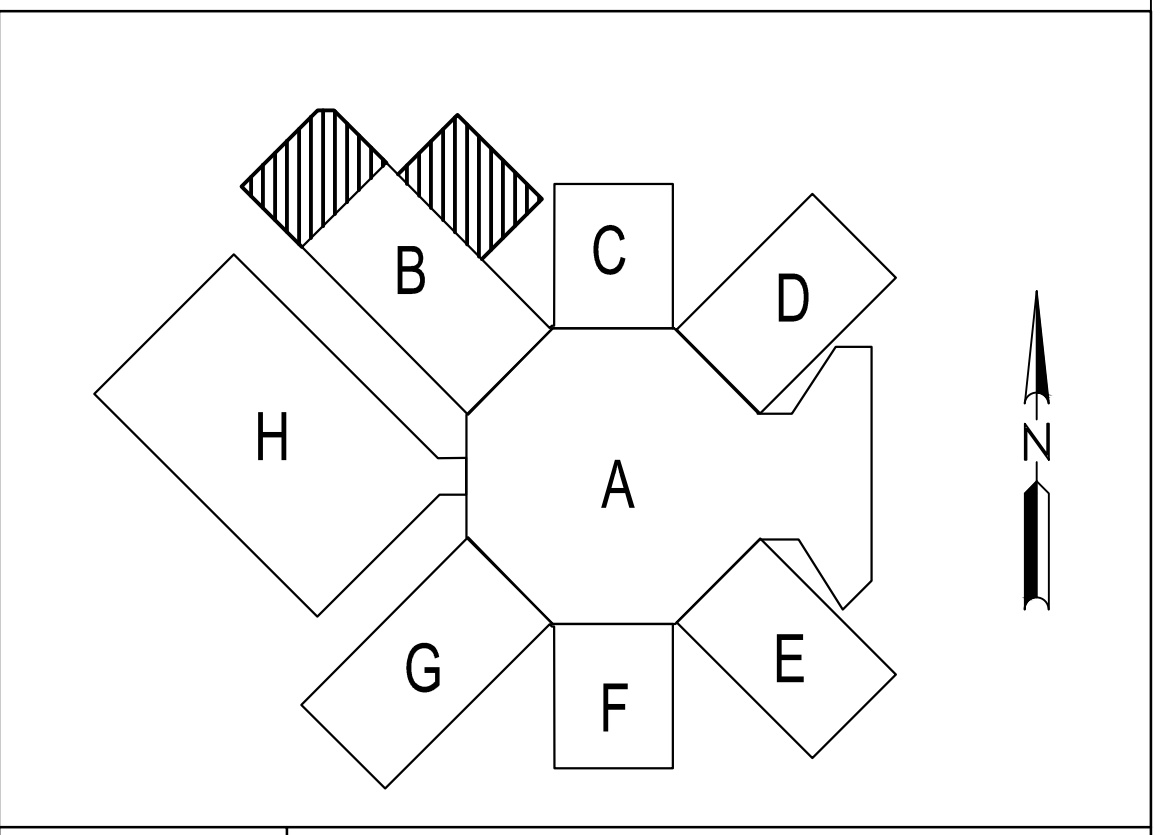
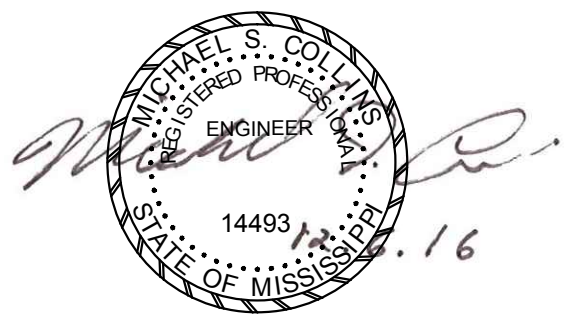
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PARTIAL FLOOR PLAN - AREA B POWER & FIRE ALARM - ELECTRICAL

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A16 KEYPLAN
NOT TO SCALE

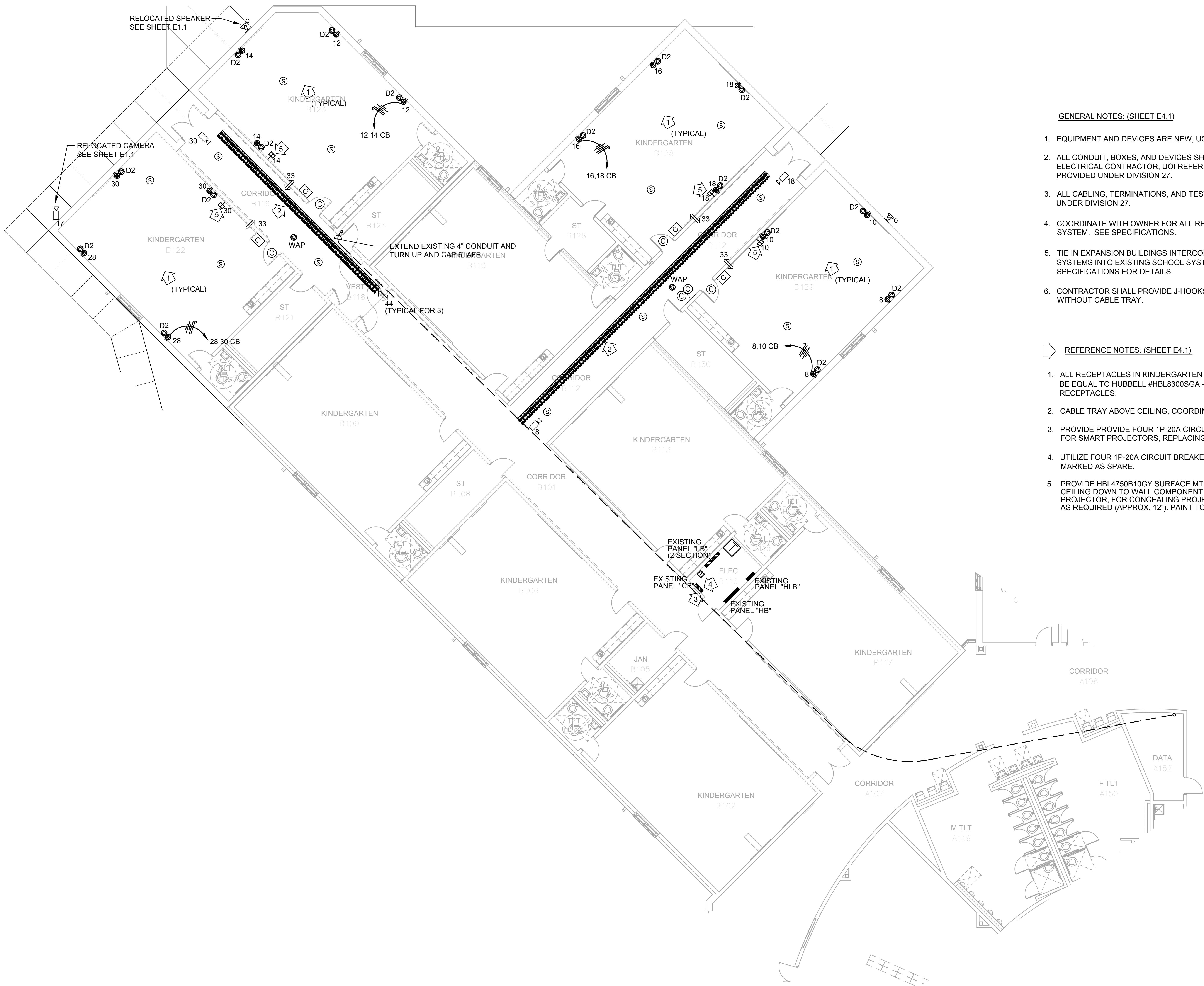
GENERAL NOTES:

- DISCONNECTS ARE PROVIDED BY MECHANICAL (UOI) AND SHALL BE CIRCUITED BY ELECTRICAL CONTRACTOR. COORDINATE WITH MECHANICAL.

REFERENCE NOTES: (SHEET E3.1)

- INTERLOCK FAN WITH LIGHT SWITCH AND LIGHT CIRCUIT. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL PLANS.
- PROVIDE TWO 3P-40A BREAKERS IN EXISTING SPACES IN PANEL HB FOR NEW RTUs.
- ALL RECEPTACLES IN KINDERGARTEN CLASSROOMS SHALL BE EQUAL TO HUBBELL #HBL8300SGA - SAFETY GRADE RECEPTACLES.
- EXPAND EXISTING FIRE ALARM SYSTEM TO ACCOMMODATE NEW DEVICES. (TYPICAL).
- EXTEND EXISTING CIRCUITRY TO NEW DEVICE LOCATIONS AS REQUIRED. (TYPICAL).
- EXTEND EXISTING CIRCUITRY TO NEW FAN LOCATION AS REQUIRED. PROVIDE NEW FAN DISCONNECT.

A1 PARTIAL FLOOR PLAN - AREA B POWER & FIRE ALARM - ELECTRICAL
1/8"=1'-0"



GENERAL NOTES: (SHEET E4.1)

- EQUIPMENT AND DEVICES ARE NEW, UOI.
- ALL CONDUIT, BOXES, AND DEVICES SHOWN ON DRAWING ARE BY ELECTRICAL CONTRACTOR, UOI REFER TO LEGEND FOR DEVICES PROVIDED UNDER DIVISION 27.
- ALL CABLING, TERMINATIONS, AND TESTING SHALL BE PROVIDED UNDER DIVISION 27.
- COORDINATE WITH OWNER FOR ALL REQUIREMENTS OF CLOCK SYSTEM. SEE SPECIFICATIONS.
- TIE IN EXPANSION BUILDINGS INTERCOM, COMMUNICATIONS AND DATA SYSTEMS INTO EXISTING SCHOOL SYSTEMS AND NETWORK. SEE SPECIFICATIONS FOR DETAILS.
- CONTRACTOR SHALL PROVIDE J-HOOKS AS REQUIRED IN AREAS WITHOUT CABLE TRAY.

REFERENCE NOTES: (SHEET E4.1)

- ALL RECEPTACLES IN KINDERGARTEN CLASSROOMS SHALL BE EQUAL TO HUBBELL #HBL8300SGA - SAFETY GRADE RECEPTACLES.
- CABLE TRAY ABOVE CEILING, COORDINATE ROUTING WITH ALL TRADES.
- PROVIDE PROVIDE FOUR 1P-20A CIRCUIT BREAKERS IN PANEL "CB" FOR SMART PROJECTORS, REPLACING BLANK SPACES.
- UTILIZE FOUR 1P-20A CIRCUIT BREAKERS IN PANEL "CB" THAT ARE MARKED AS SPARE.
- PROVIDE HBL4750B10GY SURFACE MTD RACEWAY WITH COVER FROM CEILING DOWN TO WALL COMPONENT OF WALL. MOUNTED EPSON EB-585WI PROJECTOR. FOR CONCEALING PROJECTOR CABLES. FIELD-CUT RACEWAY AS REQUIRED (APPROX. 12"). PAINT TO MATCH WALL.

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CLASSROOM ADDITION TO LEWISBURG PRIMARY SCHOOL

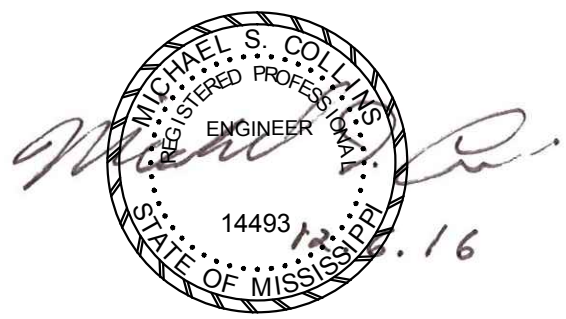
1707 Craft Road
Olive Branch, MS 38654

Desoto County School District
5 East South Street, Hernando, Mississippi 38632

No.	Revision	Date

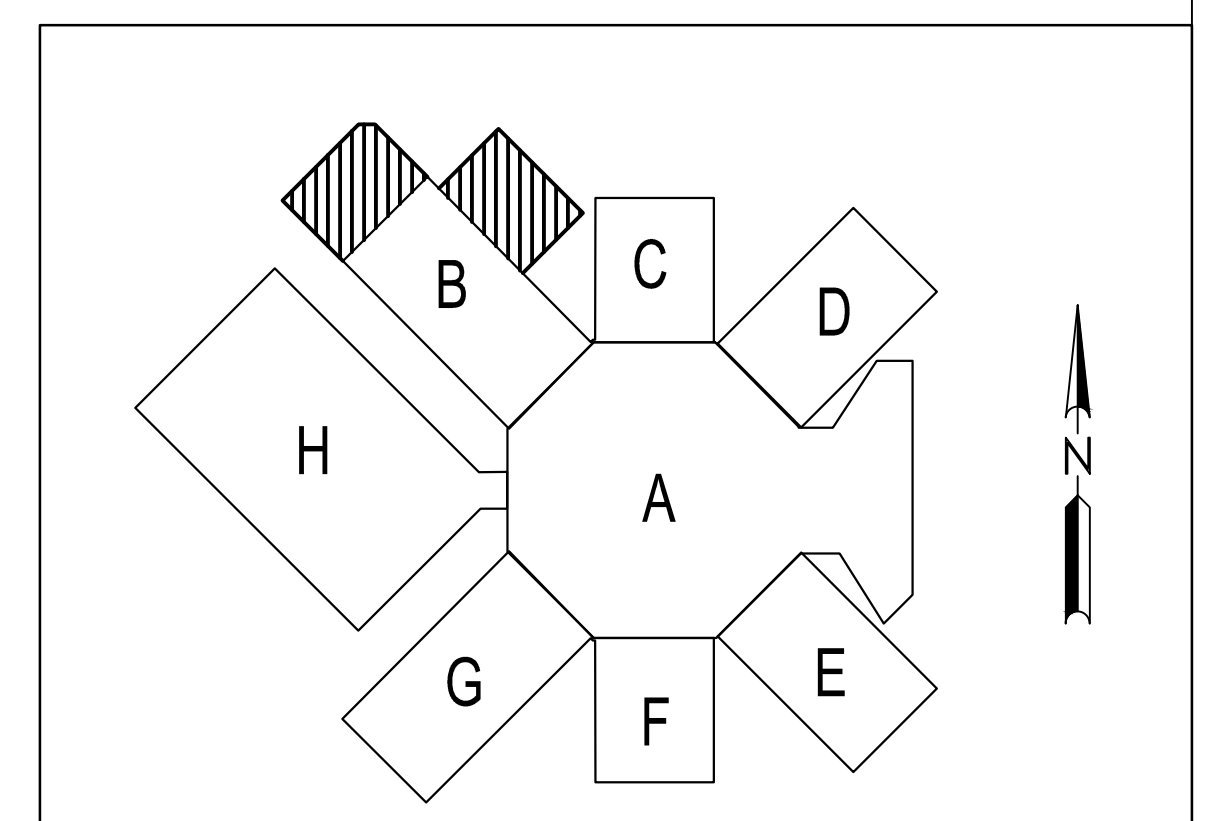
PARTIAL FLOOR PLAN - AREA B COMMUNICATIONS, AUDIO/VISUAL, & COMPUTER POWER - ELECTRICAL

JOB NO: 62557
DATE: 12.06.16
DRAWN: HW
CHECKED: MSC
CAD FILE: E4-1



LEWISBURG PRIMARY

E4.1



A16 KEYPLAN
NOT TO SCALE

A1 PARTIAL FLOOR PLAN - AREA B COMMUNICATIONS, AUDIO/VISUAL, & COMPUTER POWER - ELECTRICAL
1/8"=1'-0"