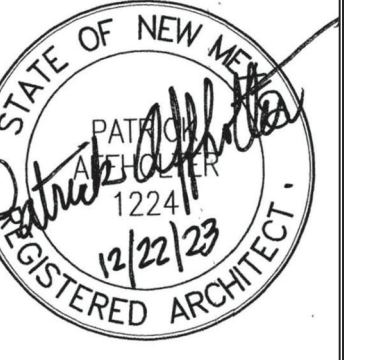


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NANCY LOPEZ ELEMENTARY SCHOOL

1600 E. TILDEN STREET

ROSWELL, NM

DECEMBER 22, 2023

PSFA PROJECT No.: P19-010

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NANCY LOPEZ
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1600 E. TILDEN
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88203

OWNER:
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PSFA JOB NO.: P19-010

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SHEET TITLE

INDEX TO
DRAWINGS
AND
GENERAL
INFORMATION

SHEET NO.

GI-001

GENERAL NOTES

A. GENERAL CONSTRUCTION NOTES

ALL TRADES AND SUBCONTRACTORS SHALL COORDINATE THEIR WORK, CHECKING WITH ONE ANOTHER BEFORE BIDDING TO BE SURE OF THE LIMITS OF REQUIRED WORK. LOCATE ALL EXISTING ACTIVE UTILITIES AND DETERMINE ALL REQUIREMENTS FOR DISCONNECTION, RECONNECTION, REROUTING, OR CAPPING. USE ALL MEANS NECESSARY TO PROTECT ALL UTILITIES DESIGNATED NOT TO BE ALTERED OR CHANGED IN ANY MANNER FROM DAMAGE.

B. OWNERSHIP OF DOCUMENTS

ALL DOCUMENTS ARE THE PROPERTY OF PA ARCHITECTS. HOWEVER, THESE PLANS AND SPECIFICATIONS WERE DEVELOPED FOR USE ONLY IN AND FOR THIS SPECIFIC PROJECT. NO PERMISSION, EXPRESS OR IMPLIED IS GIVEN OR GRANTED BY THE ARCHITECT FOR THE USE OR APPLICATION OF THESE PLANS AND/OR SPECIFICATIONS FOR ANY OTHER PROJECT, ANY OTHER PURPOSE, OR ANY OTHER LOCATION, AND THE ARCHITECT SPECIFICALLY DISCLAIMS AND DENIES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR THE USE AND APPLICATION OF THE PLANS AND SPECIFICATIONS, INCLUDING MODIFICATIONS, CHANGES, AND AMENDMENTS, THERETO, FOR ANY OTHER PROJECT OR LOCATION EXCEPTING THAT SPECIFIC PROJECT AND THAT SPECIFIC LOCATION IDENTIFIED IN THE PLANS AND SPECIFICATIONS. THE ARCHITECT SPECIFICALLY CLAIMS A RIGHT OF INDEMNIFICATION AGAINST ANY AND ALL CLAIMS WHICH MAY BE RAISED OR ASSERTED AGAINST THE ARCHITECT AS A RESULT OF SUCH UNAUTHORIZED USE OR APPLICATION.

C. UTILITY NOTE

IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED ON INFORMATION PROVIDED BY THE UTILITY OR PIPELINE COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE CONTRACTOR SHALL INFORM HIMSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDER-GROUND UTILITY IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY HIS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES, IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKE" PROCEDURES, OR OTHERWISE.

DESIGN TEAM

OWNER:

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300 NORTH KENTUCKY
ROSWELL, NEW MEXICO 88202
575.625.2700

OWNER:

NEW MEXICO PUBLIC SCHOOL FACILITIES AUTHORITY
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SUITE #200
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505.843.6272

USER:

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ARCHITECT:

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505.275.3890

CIVIL ENGINEER:

SCOTT M. MCGEE PE, LLC
PO BOX 93962
ALBUQUERQUE, NEW MEXICO 87199
505.263.2905

STRUCTURAL ENGINEER:

LUCHINI TRUJILLO STRUCTURAL ENGINEERS
2019 GALLESTEO STREET
SUITE D2
SANTA FE, NM 87505
505.424.3232

MECHANICAL/ PLUMBING:

TESTUDO ENGINEERING INC.
7007 WYOMING BLVD NE
SUITE E-1
ALBUQUERQUE, NEW MEXICO 87109
505.554.1282

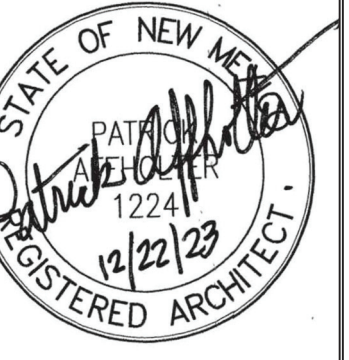
ELECTRICAL:

ALLIED ENGINEERING + DESIGN, INC.
5101 COORS BLVD NW
SUITE F
ALBUQUERQUE, NEW MEXICO 87120
505.262.1766



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GENERAL
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SHEET NO.

GI-002

VICINITY MAP



SITE

B4 VICINITY MAP - 1600 E. TILDEN ST
SCALE: NTS

DRAWING LEGEND

- ← DETAIL OR SECTION
← SHEET ON WHICH SHOWN
- ← ELEVATION
← SHEET ON WHICH SHOWN
- ← SECTION CUT
← SHEET ON WHICH SHOWN
- ROOM NUMBER
- DOOR ID
- KEYED NOTES
- WINDOW TYPE
- WALL TYPE
- NORTH ARROW
- ← NUMBER OR REVISIONS
← REVISION SERIES NUMBER

CODE NOTES/ EXCEPTIONS

DESIGN CRITERIA

- A. EXIT ACCESS TRAVEL DISTANCE (Table 1017.2) WITH AUTOMATIC SPRINKLER SYSTEM= 250 FEET. NO EXIT ACCESS TRAVEL DISTANCES EXCEED 250 FEET (EATD) IN THIS DESIGN.
- B. CORRIDOR FIRE RESISTANCE (Table 1020.1) = 0 HOUR DUE TO AUTOMATIC SPRINKLER SYSTEM.
- C. ICC A117.1:
 - a. EXCEPTION 603.2.2.2 CLEAR FLOOR SPACE: DOOR MAY SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE OF ANY PLUMBING FIXTURE.
 - b. EXCEPTION 606.2.1 CLEAR FLOOR SPACE: A PARALLEL APPROACH MAY BE USED FOR SINK WHERE COOKTOP IS NOT PROVIDED.
 - c. EXCEPTION 606.2.3 CLEAR FLOOR SPACE: A KNEE CLEARANCE OF 24 INCHES MINIMUM ABOVE THE FLOOR SHALL BE PERMITTED AT SINKS USED PRIMARILY BY CHILDREN AGES 6 -12 WHERE THE RIM IS UNDER 31 INCHES MAXIMUM ABOVE THE FLOOR.
 - d. EXCEPTION 606.2.4 CLEAR FLOOR SPACE: A PARALLEL APPROACH MAY BE USED AT SINKS USED PRIMARILY BY CHILDREN AGES 5 AND YOUNGER.
 - e. EXCEPTION 606.2.6 CLEAR FLOOR SPACE: A PARALLEL APPROACH SHALL BE PERMITTED AT WET BARS (i.e. CLASSROOM SINKS).

APPLICABLE CODES

- 2021 INTERNATIONAL BUILDING CODE (IBC)
- 2017 ICC/ ANS A117.1
- 2021 INTERNATIONAL FIRE CODE
- 2021 NEW MEXICO COMMERCIAL BUILDING CODE
- 2018 NEW MEXICO COMMERCIAL ENERGY CONSERVATION CODE
- 2021 NEW MEXICO PLUMBING CODE
- 2021 NEW MEXICO MECHANICAL CODE
- 2020 NEW MEXICO ELECTRICAL CODE (NMEC)
- 2012 NEW MEXICO ELECTRICAL SAFETY CODE (NMESC)

A. BUILDING ELEMENTS + CONSTRUCTION CLASSIFICATION

(Table 601)

- TYPE IIB
1. Primary Structural Frame 0 Hours
 2. Bearing Walls- Exterior 0 Hours
 3. Bearing Walls- Interior 0 Hours
 4. Non Bearing Walls and Partitions- Interior 0 Hours
 5. Floor Construction 0 Hours
 6. Roof Construction 0 Hours

B. SQUARE FEET: 41,112 GSF

C. USE AND OCCUPANCY CLASSIFICATION:

1. Section 305- Educational Group E
2. No occupancy separation required per Table 508.4.

D. OCCUPANT LOAD (Fully Occupied):

(Chapter 10, Table 1004.1.1)

1. Educational= 986
2. Assembly= 235 (no bleachers)

E. ALLOWABLE HEIGHT

(Tables 504.3 and 504.4)

Allowable Number of Stories Above Grade Plane: 3 stories; Provided: 1 story
 Allowable Building Height in Feet Above Grade Plane: 75'-0"; Provided: 29'-5"

F. ALLOWABLE AREA FACTOR

(Table 506.2)

ALLOWED (SM): 43,500 SF; Provided 41,112 SF

I. MIN. # OF REQUIRED PLUMBING FIXTURES-

(Table 2902.1)

Use Group E (Occupant Load 986):

Required-Men	Required-Women	Provided-Men	Provided-Women
1/50	1/50	10	12
WC/urinal	10	13	10
Lav.	10	13	10

Drinking fountains: 10 required 12 provided
 Note: the drinking fountain count does not include drinking bubblers in three Pre-K/ Kindergarten classrooms.

Use Group A-3-no bleachers (Dining + Multiuse Occupant Load 235):

Required-Men	Required-Women	Provided-Men	Provided-Women
1/125	1/65	1	2
WC/urinal	1	1	2
Lav.	1	1	2

Drinking fountains: 1 required 2 provided
 Note: the plumbing fixture count does not include 5 unisex toilet rooms.

J. FIRE PROTECTION SYSTEM

Section 903.2.3: The entire building is fully protected with an automatic sprinkler system

K. FIRE ALARM SYSTEM

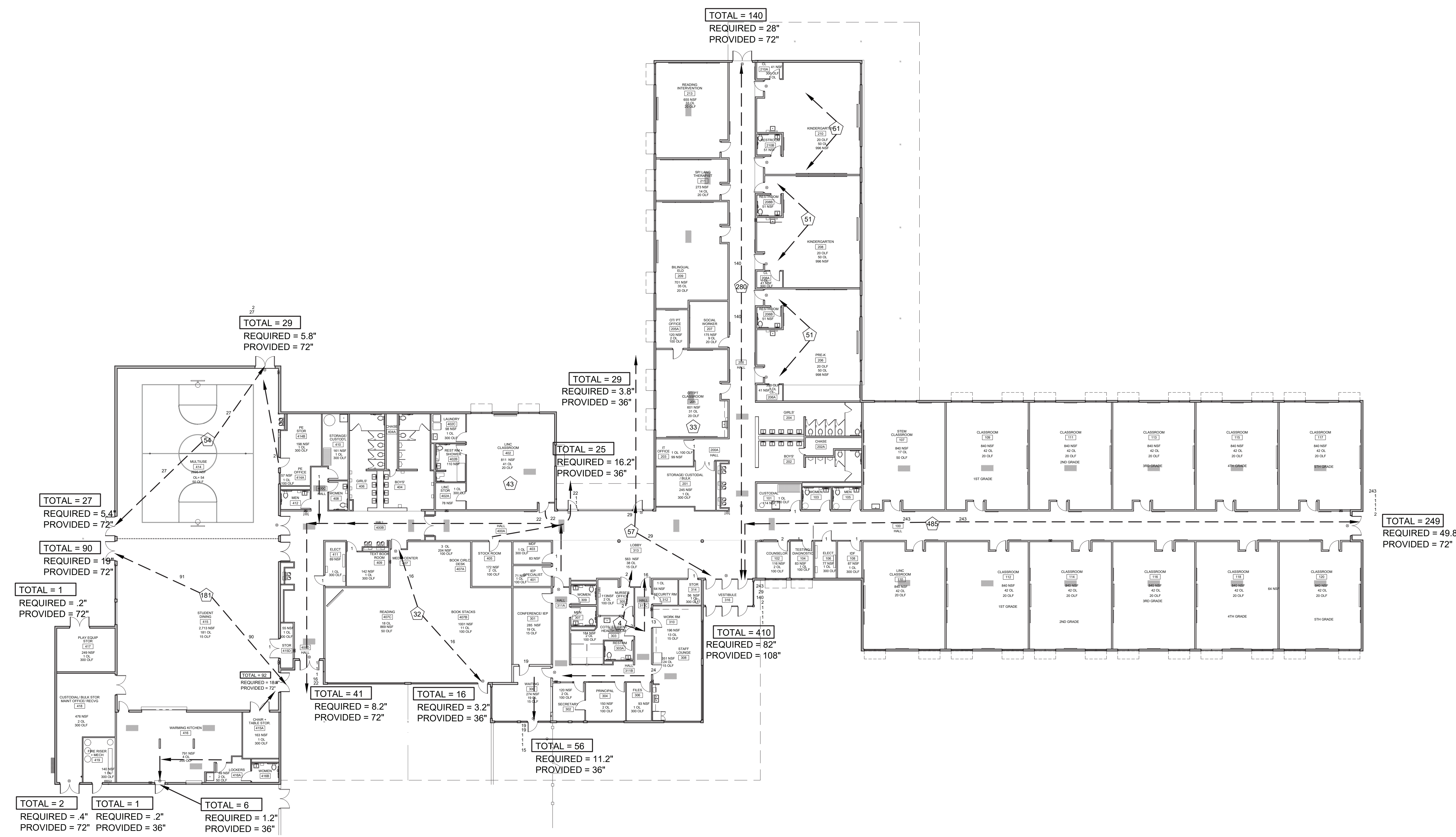
The fire alarm system will be conform to NPFA, Life Safety Code, and PSFA standards. Pull stations shall be provided at all exits from the building and shall be installed with a maximum of 200 feet between adjacent pull stations. Pull stations shall be single action type. Audible/visual strobe indicators shall be installed in all normally attended areas of the building including classrooms, storage rooms, and toilets. Heat detectors shall be installed in janitor closets and mechanical and electrical equipment rooms. Ionization smoke detectors shall be installed in corridors, paper storage areas, and supply/return ducts of mechanical equipment.

L. LAND USE ZONE

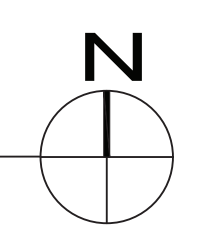
INST - Institutional District. Permitted use: public elementary schools

M. SEISMIC ZONE

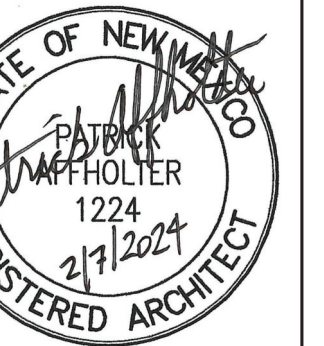
Seismic Design Category A
 Seismic Site Class D



A1 EXITING PLAN
 SCALE: 1/16" = 1'-0"



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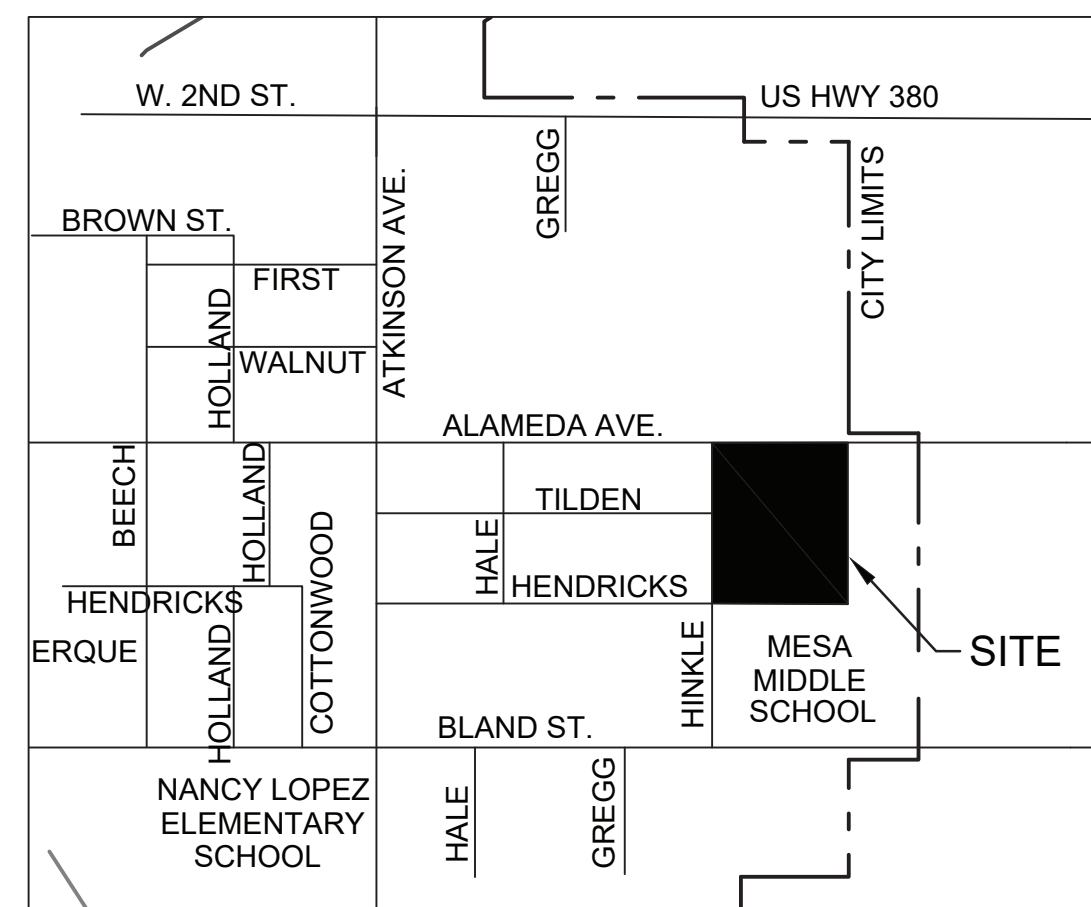
SHEET TITLE
**CODES,
 DESIGN
 CRITERIA +
 EXITING
 PLAN**

SHEET NO.

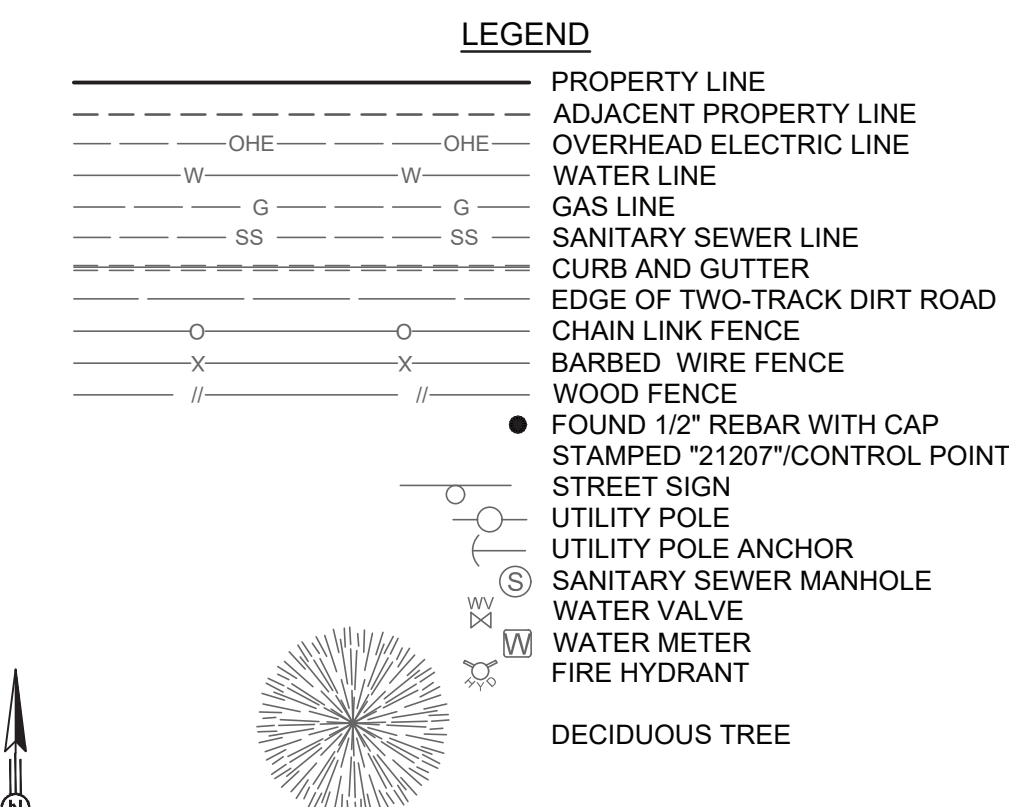
GI-003

ALAMEDA SUBDIVISION TOPOGRAPHIC SURVEY

ROSWELL CHAVES COUNTY NEW MEXICO



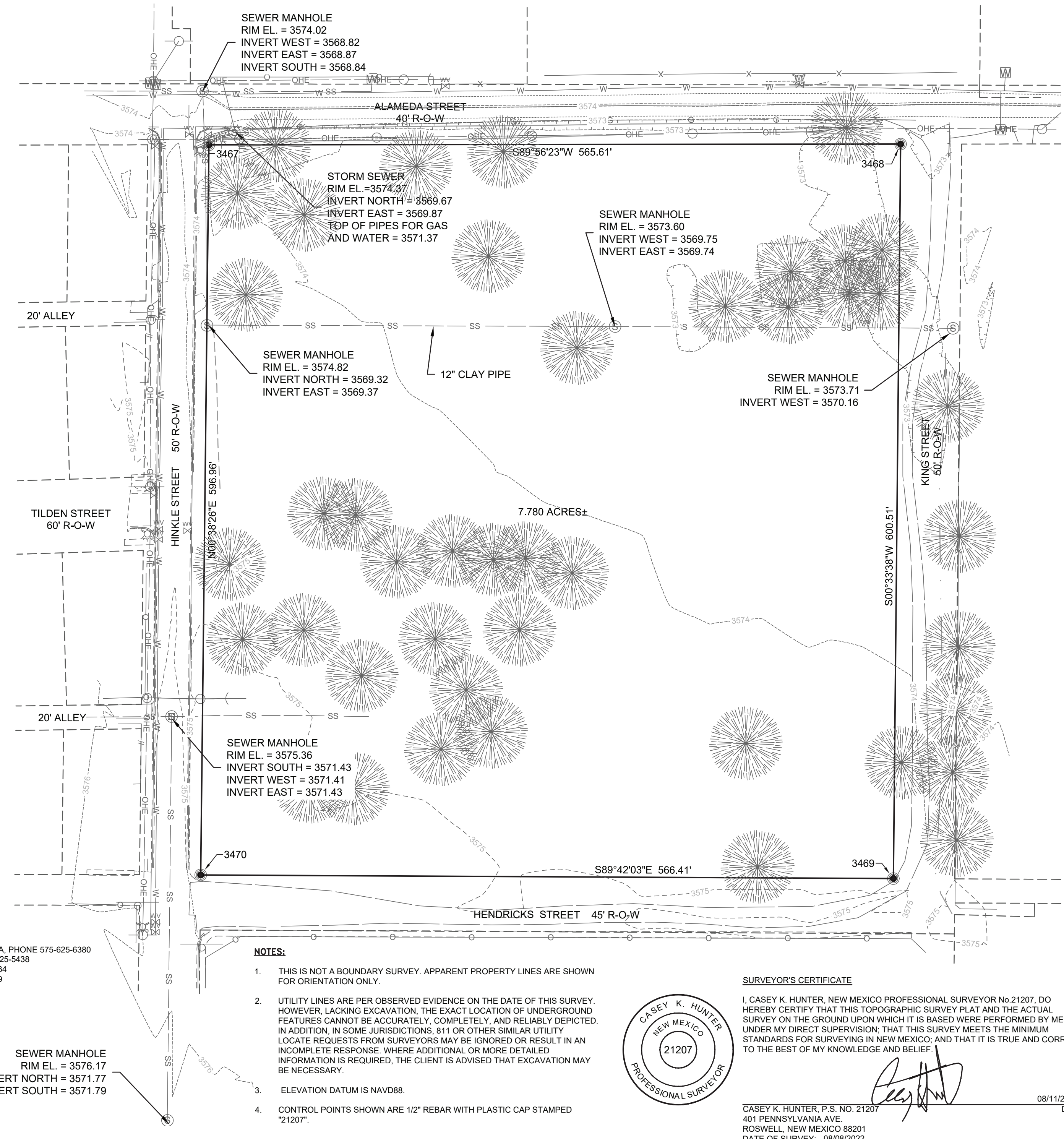
Point #	Raw Description	Elevation	Northing	Easting
3467	COR REB 21207	3574.186	869635.1480	490164.3330
3468	COR REB 21207	3573.159	869635.7430	490729.9430
3469	COR REB 21207	3574.635	869035.2650	490724.0670
3470	COR REB 21207	3575.435	869038.2220	490157.6600



P:\SEC-PROJECTS\2022\08\08\ALAMEDA\TOPO.dwg Aug 11, 2022 - 4:18pm Saved By: mhend

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- NOTES:**
- THIS IS NOT A BOUNDARY SURVEY. APPARENT PROPERTY LINES ARE SHOWN FOR ORIENTATION ONLY.
 - UTILITY LINES ARE PER OBSERVED EVIDENCE ON THE DATE OF THIS SURVEY. HOWEVER, LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY, AND RELIABLY DEPICTED. IN ADDITION, IN SOME JURISDICTIONS, 811 OR OTHER SIMILAR UTILITY LOCATE REQUESTS FROM SURVEYORS MAY BE IGNORED OR RESULT IN AN INCOMPLETE RESPONSE. WHERE ADDITIONAL OR MORE DETAILED INFORMATION IS REQUIRED, THE CLIENT IS ADVISED THAT EXCAVATION MAY BE NECESSARY.
 - ELEVATION DATUM IS NAVD88.
 - CONTROL POINTS SHOWN ARE 1/2\"/>



SURVEYOR'S CERTIFICATE

I, CASEY K. HUNTER, NEW MEXICO PROFESSIONAL SURVEYOR No. 21207, DO HEREBY CERTIFY THAT THIS TOPOGRAPHIC SURVEY PLAN AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

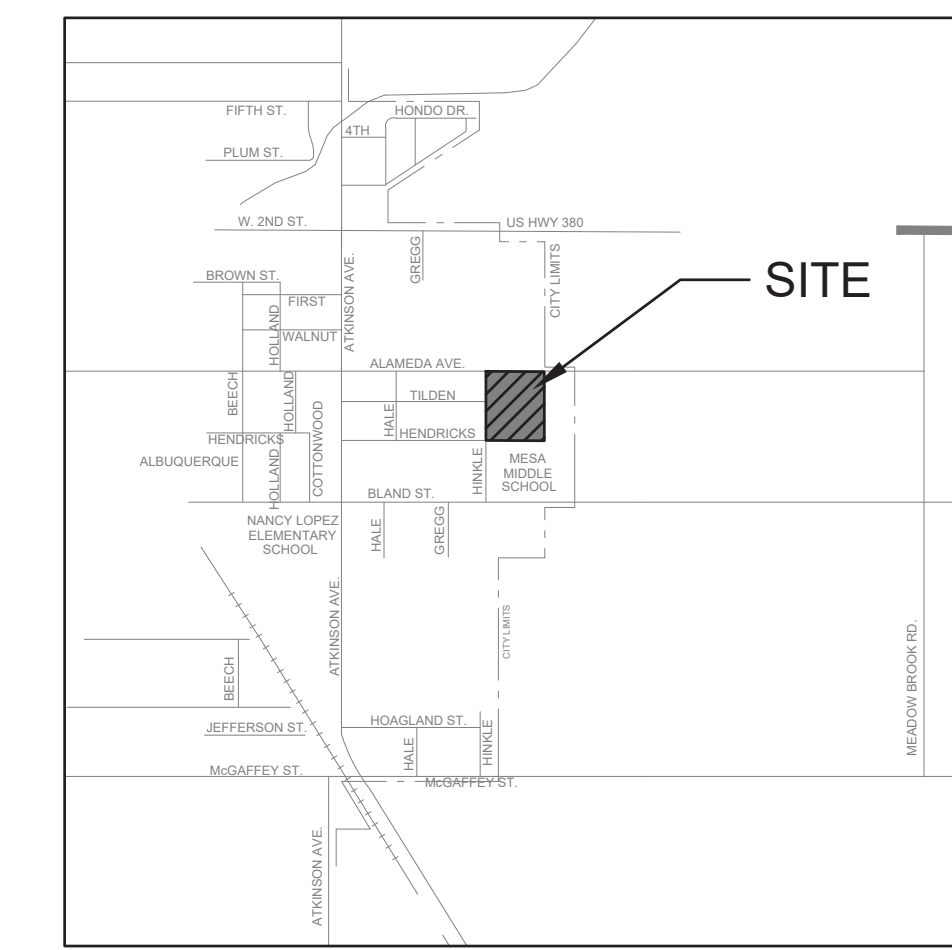
CASEY K. HUNTER, P.S. NO. 21207
401 PENNSYLVANIA AVE.
ROSWELL, NEW MEXICO 88201
DATE OF SURVEY: 08/08/2022

08/11/2022 DATE

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VICINITY MAP

LEGEND

- EXISTING CONSTRUCTION
- - - NEW CONTOUR
- FF = 3576.4 PROPOSED BUILDING FINISH FLOOR ELEV
- ◆ 36.5 NEW SPOT ELEVATION
- - - NEW CONSTRUCTION
- RD ROOF DRAIN
- TC TOP OF CURB

KEYED NOTES

A. INSTALL NEW HDPE CULVERTS (ADS N-12 DUAL WALL PIPE) WITH END SECTIONS AND ANIMAL GUARDS PER SIZE AS SHOWN.

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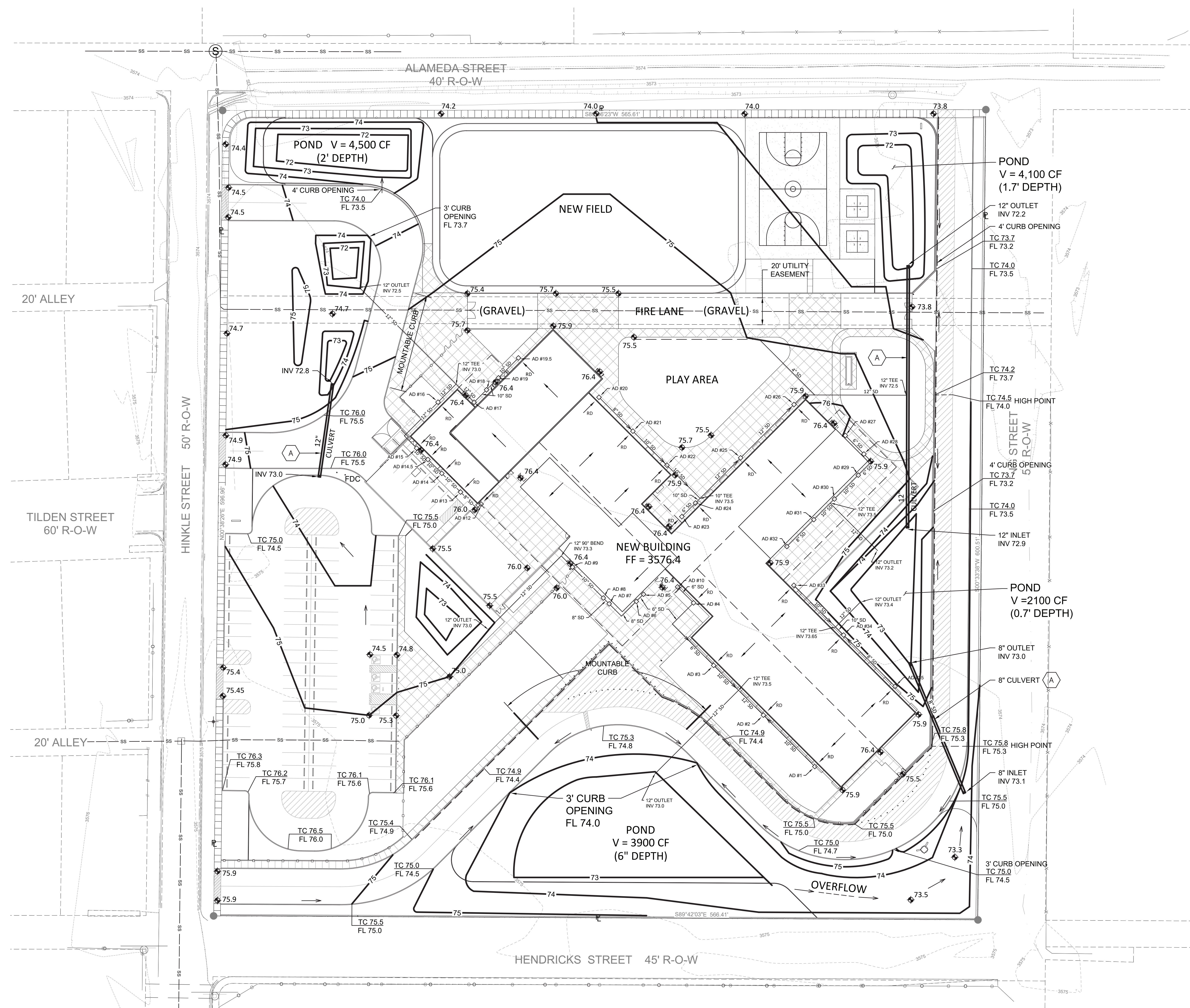
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MARK	DATE	DESCRIPTION

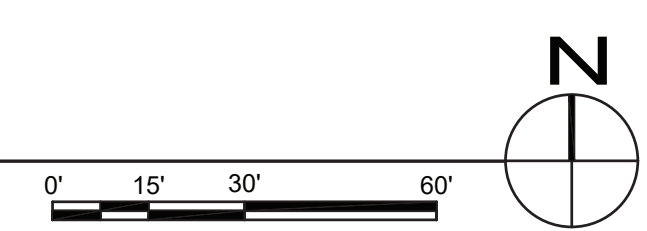
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SHEET TITLE	

GRADING &
DRAINAGE PLAN

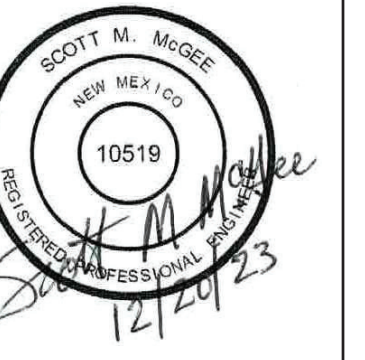
SHEET NO.



A1 GRADING & DRAINAGE PLAN
SCALE: 1" = 30'-0"



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SCHOOL

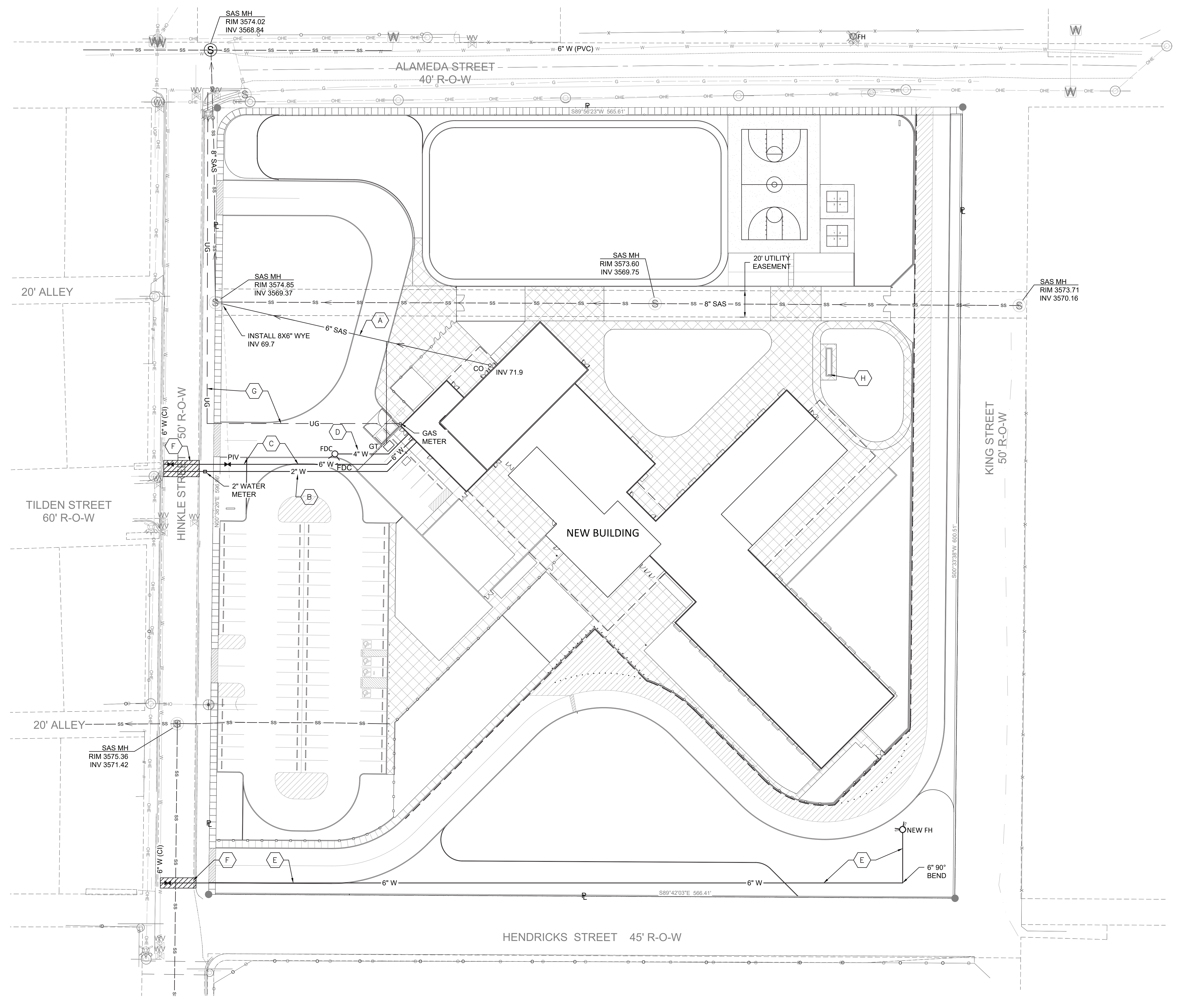
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UTILITY PLAN
SHEET NO.

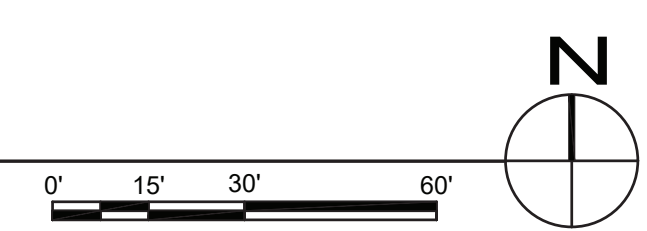


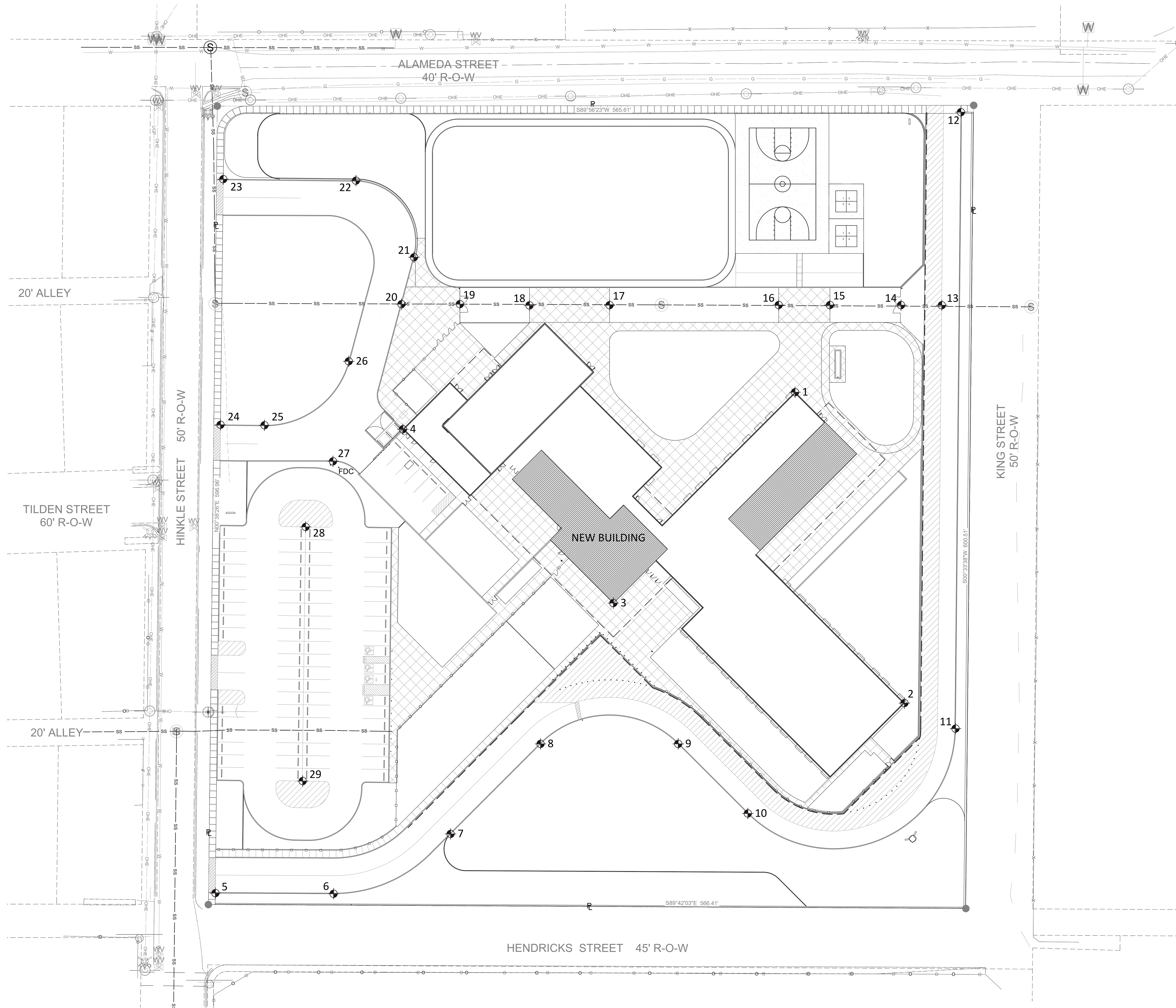
LEGEND

	OVERHEAD ELECTRICAL GAS LINE
	CLEAN OUT
	DOUBLE CLEAN OUT
	GREASE TRAP
	EXISTING WATER LINE
	EXISTING GAS LINE
	EXISTING SEWER LINE
	ELECTRIC LINE
	NEW WATER LINE
	NEW SEWER LINE
	NEW GAS LINE
	UNDERGROUND GAS LINE
	FIRE HYDRANT

- KEYED NOTES**
- INSTALL NEW 6-INCH PRIVATE SEWER SERVICE LINE WITH CLEANOUTS PER UPC (LATEST EDITION) AT 1% MINIMUM SLOPE. CONNECT TO MATCH EXISTING INVERT AS SHOWN.
 - INSTALL NEW 2-INCH WATER SERVICE LINE TO BUILDING AS SHOWN. SEE PLUMBING PLAN FOR CONTINUATION.
 - INSTALL NEW 6" BUILDING SPRINKLER SUPPLY LINE WITH BELOW GRADE POST INDICATOR VALVE (PIV) AS SHOWN. INSTALL NEW 6 x 6" TEE, 6" GATE VALVE, AND VALVE BOX AT POINT OF CONNECTION.
 - INSTALL NEW 4" WATER FROM FIRE RISER ROOM TO REMOTE STANDPIPE FIRE DEPARTMENT CONNECTION (FDC). FDC TO HAVE ROSWELL THREADS.
 - INSTALL NEW 6" WATERLINE TO ONSITE FIRE HYDRANT (WITH ROSWELL THREADS) AS SHOWN. INSTALL NEW 6 x 6" TEE, 6" GATE VALVE, AND VALVE BOX AT POINT OF CONNECTION.
 - REMOVE AND REPLACE EXISTING ASPHALT PAVING AS NEEDED TO INSTALL NEW UTILITIES. PLACE 4" ASPHALT PAVING IN 2 LIFTS OVER 6" ABC ON 8" SUBGRADE COMPACTED TO 95% MAXIMUM DENSITY.
 - CONTRACTOR SHALL COORDINATE WITH N M GAS CO. TO CONSTRUCT NEW GAS MAIN TO SITE AND NEW 2.5" GAS SERVICE LINE TO NEW GAS METER.
 - INSTALL NEW FREEZE-PROOF YARD HYDRANT - LOCATION PER ARCHITECTURAL SITE PLAN. EXTEND 3/4" WATER SUPPLY LINE FROM BUILDING PER PLUMBING PLAN.

A1 UTILITY PLAN
SCALE: 1" = 30'-0"





HORIZONTAL CONTROL POINTS			
PT #	DESCRIPTION	X	Y
1	BLDG NE CORNER	5887156.1348	10433055.2397
2	BLDG SE CORNER	5888137.8814	10430266.2474
3	BLDG SW CORNER	5885526.3910	10431163.5528
4	BLDG NW CORNER	5883637.7581	10432723.1769
5	TC	5881955.4209	10428561.3713
6	TC-PC	5883015.7518	10428555.8357
7	TC-PT	5884065.2594	10429092.8456
8	TC-PC	5884872.7878	10429900.3740
9	TC-PT	5886108.1033	10429900.3740
10	TC-PC	5886732.4872	10429275.9902
11	TC-PC	5888596.5955	10430037.4655
12	TC	5888644.7124	10435567.7954
13	CENTERLINE	5888473.0815	10433835.7501
14	GATE	5888107.0810	10433836.5562
15	CONCRETE	5887469.3581	10433837.5517
16	CONCRETE	5887009.3634	10433837.5926
17	CONCRETE	5885492.0165	10433836.2008
18	CONCRETE	5884773.2707	10433834.5864
19	CONCRETE	5884149.0981	10433845.2162
20	ROLL CURB	5883624.8841	10433845.3750
21	TC-PC	5883737.6013	10434266.0413
22	TC-PT	5883216.3065	10434953.3224
23	TC	5882025.6759	10434966.6268
24	TC	5882001.1387	10432763.2770
25	TC-PC	5882395.7520	10432758.8669
26	TC-PT	5883152.0282	10433332.4926
27	TC-PC	5883010.4118	10432435.3520
28	CENTERLINE	5882764.7387	10431846.9424
29	CENTERLINE	5882738.2019	10429567.0950



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CONSULTANTS

NANCY LOPEZ
ELEMENTARY
SCHOOL

1600 E. TILDEN
STREET
ROSWELL,
NEW MEXICO
88203

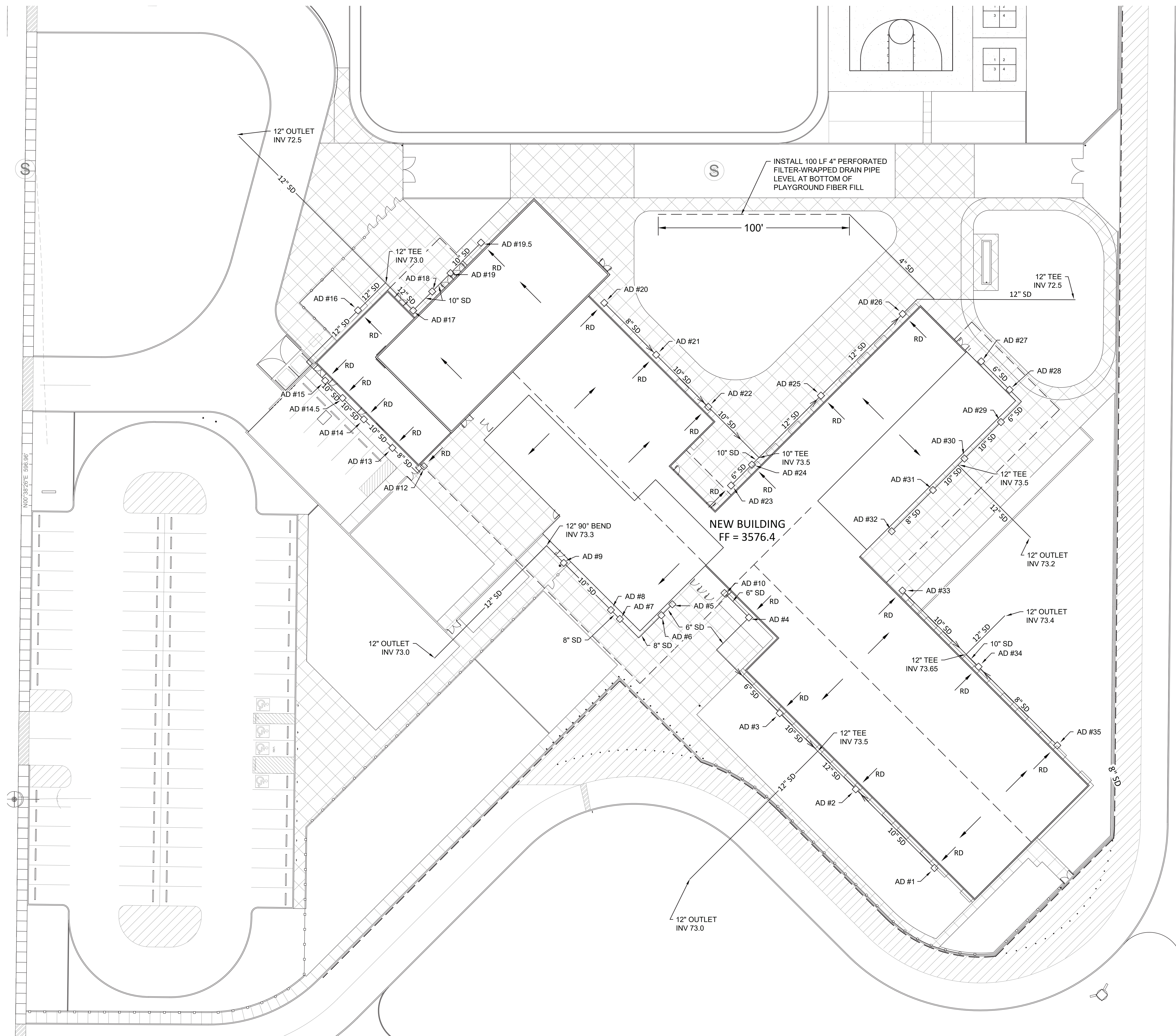
OWNER:
ROSWELL
INDEPENDENT
SCHOOL
DISTRICT

MARK	DATE	DESCRIPTION
CS	12.22.2023	PERMIT

PAA JOB NO. 202121
PSFA JOB NO. P19-010
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SHEET TITLE

HORIZONTAL
CONTROL PLAN

SHEET NO.



AREA DRAIN TABLE		
AREA DRAIN #	TOP OF GRATE	INVERT ELEVATION
1	76.0	73.9
2	76.0	73.6
3	76.0	73.6
4	76.2	73.9
5	76.1	74.0
6	76.0	73.9
7	76.0	73.8
8	76.0	73.7
9	76.0	73.4
10	76.3	74.1
11	(NOT USED)	
12	76.0	74.0
13	76.0	73.9
14	76.25	73.8
14.5	76.25	73.7
15	76.2	73.6
16	76.0	73.1
17	76.1	73.3
18	76.3	73.5
19	76.3	73.7
19.5	76.1	73.9
20	76.0	74.0
21	75.9	73.8
22	75.9	73.65
23	76.2	74.0
24	76.0	73.6
25	75.9	73.3
26	75.9	73.1
27	75.9	74.0
28	75.9	73.85
29	75.9	73.7
30	75.9	73.55
31	75.9	73.7
32	75.9	74.0
33	75.9	74.0
34	75.9	73.7
35	75.9	74.0

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88203

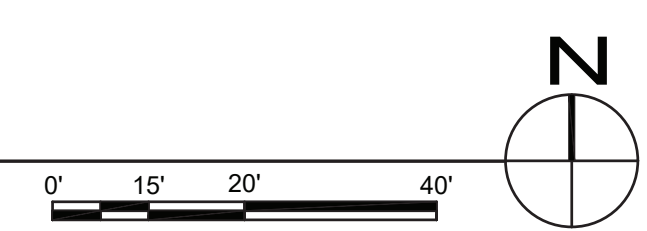
OWNER:
ROSWELL
INDEPENDENT
SCHOOL
DISTRICT

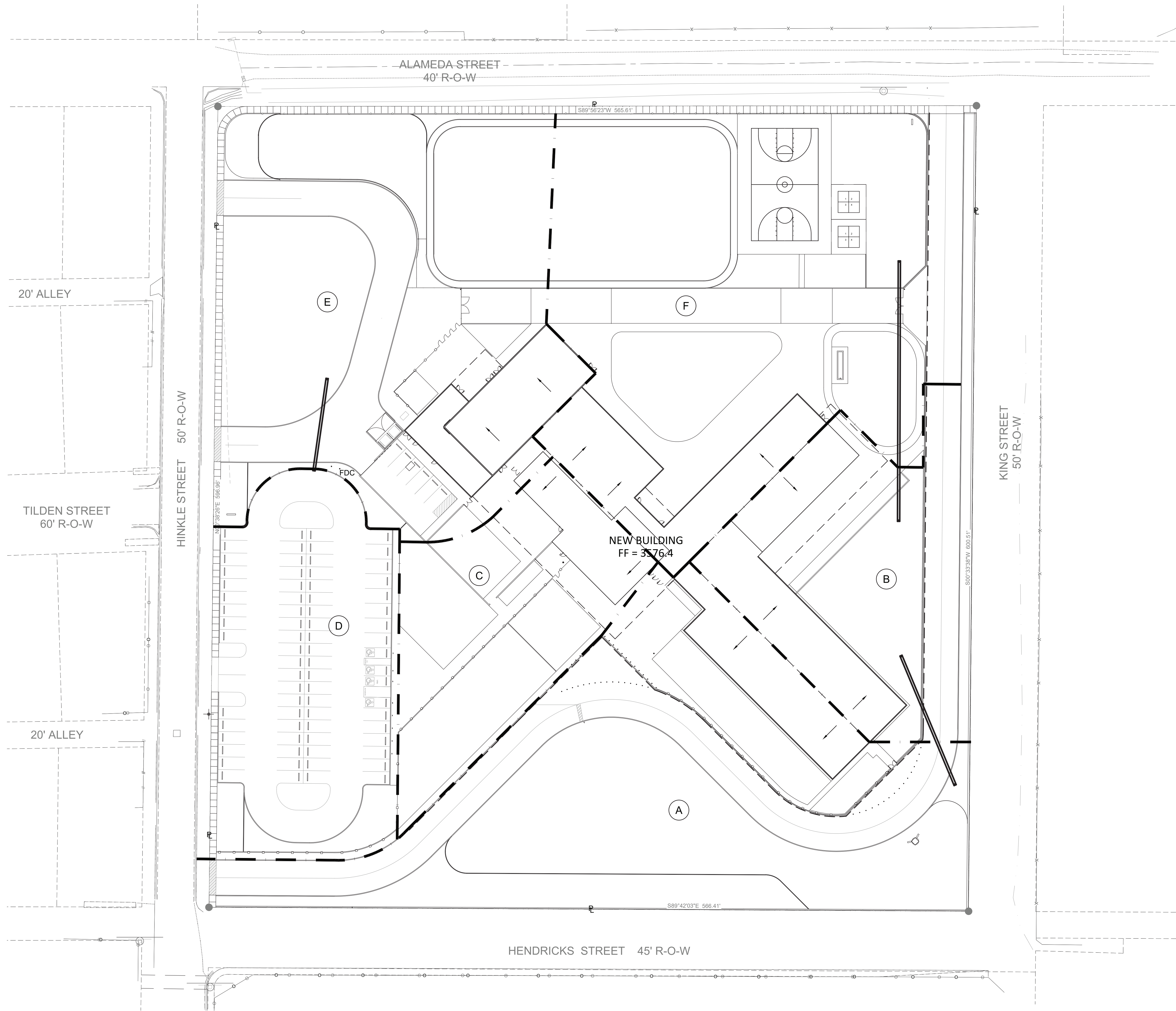
CD	DATE	PERMIT
MARK	DATE	DESCRIPTION

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SHEET TITLE

STORM DRAIN PLAN
SHEET NO.

A1 STORM DRAIN PLAN
SCALE: 1" = 20'-0"





LEGEND

- (A) DRAIN BASIN ID
- DRAIN BASIN EXTENTS

BASIN ID	BUILDING ROOF (SF)	CONCRETE/ ASPHALT (SF)	GRASS AREA (SF)	TOTAL AREA (SF)
A	7780	21876	55331	84987
B	12402	10024	1684	24110
C	9028	2788	18375	30191
D	0	34010	6956	40966
E	8630	19218	56655	84503
F	10072	21947	42108	74127

AREA (SF)	47912	109863	181109	338884
TOTALS				

C	0.8	0.8	0.07	
I (10 YR)	4.1	4.1	4.1	7.8
A (AC)	1.1	2.5	4.2	7.8
Q-10 YR (CFS)	3.608	8.2	1.2054	13.0134
I (100 YR)	6.4	6.4	6.4	
A (AC)	1.1	2.5	4.2	7.8
Q-100 YR (CFS)	5.632	12.8	1.8816	20.3136

UNDEVELOPED CONDITIONS
 Q (10 YR) = (0.2)(5.1)(7.78) = 7.9 CFS
 Q (100 YR) = (0.2)(7.8)(7.78) = 12.1 CFS
 INTENSITY FROM FIG. 1 (IDF CURVE CITY OF ROSWELL)
 FOR TIME OF CONCENTRATION OF 10 AND 15 MIN

DRAINAGE ANALYSIS

PROJECT: NANCY LOPEZ ELEMENTARY SCHOOL
 ADDRESS: 1600 E. TILDEN STREET ROSWELL, NEW MEXICO

AREA: 7.78 acres

TBM: Rim elevation of an existing sewer manhole in Hinkle Street south of Tilden Street as shown on the plan.
 ELEV = 3575.36 (NAVD88)

SURVEYOR: Smith Engineering dated August 11, 2022

FLOOD HAZARD: From FEMA Panel 35005C1370D and 1390D (09/25/2009), the site is noted within Zone 'X' which is outside the 0.2% annual chance floodplain.

EXISTING CONDITIONS: The site is an undeveloped tract which is bounded by Alameda Street to the north, Kings Street to the east, Hendricks Street to the south, and Hinkle Street to the west. The site slopes down from the southwest to the northeast at sloped from 0.2-0.4%. The site is bordered by Mesa Middle School to the south and single-family homes to the west. Sparse farmland exists to the north and east.

OFFSITE FLOWS: Offsite flows do not enter this site.

PROPOSED IMPROVEMENTS: The new single-story building is 42,200 SF. Also proposed is a parking lot, bus drop-off area, and outdoor playground areas. A partial loop parent drop-off lane is proposed along the east and south sides of the site.

DRAINAGE APPROACH: The proposed drainage plan will follow historic flow paths. Developed runoff is routed to proposed onsite retention pond locations.

HYDROLOGY: For the existing conditions C=0.2 is used for unimproved land. Intensity (10-YR) = 5.1 in/hr and using the Rational method gives:
 Existing $Q=C I A = (0.2)(5.1)(7.78) = 7.9$ CFS

The proposed building, impervious areas, and drop-off lane are 46% of the area with the balance of the site as grass with $C = 0.07$
 Proposed $Q = [(0.8)(0.46) + (0.07)(0.54)](4.1)(7.78) = 13.0$ CFS

This minor runoff increase (5.1 CFS) will be retained onsite and the proposed discharge rate will be reduced to the historic rate. Site maintenance will maintain the existing control of discharge from the site.

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 ALBUQUERQUE
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 PHONE: 505.275.3880
 FAX: 505.234.1633
 WWW.PAARCHITECTS.NET

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 SCHOOL

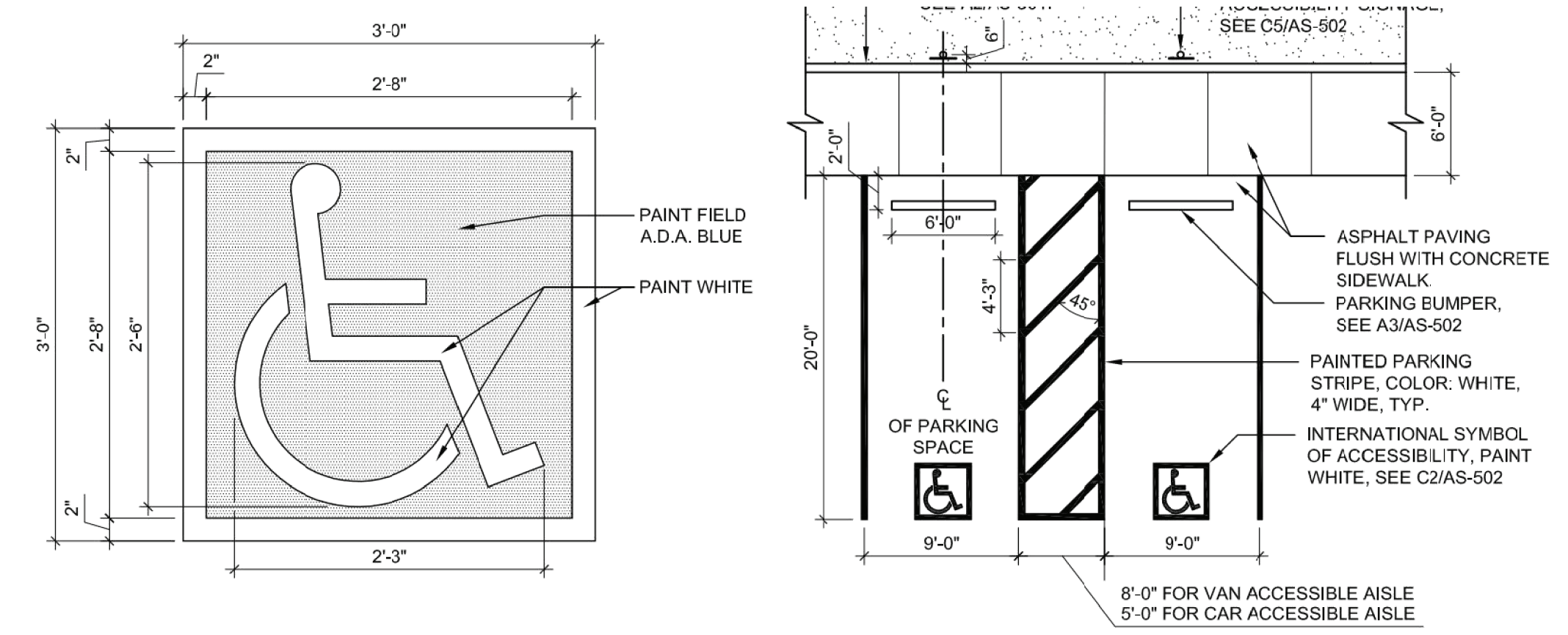
1600 E. TILDEN
 STREET
 ROSWELL,
 NEW MEXICO
 88203

OWNER:
 ROSWELL
 INDEPENDENT
 SCHOOL
 DISTRICT

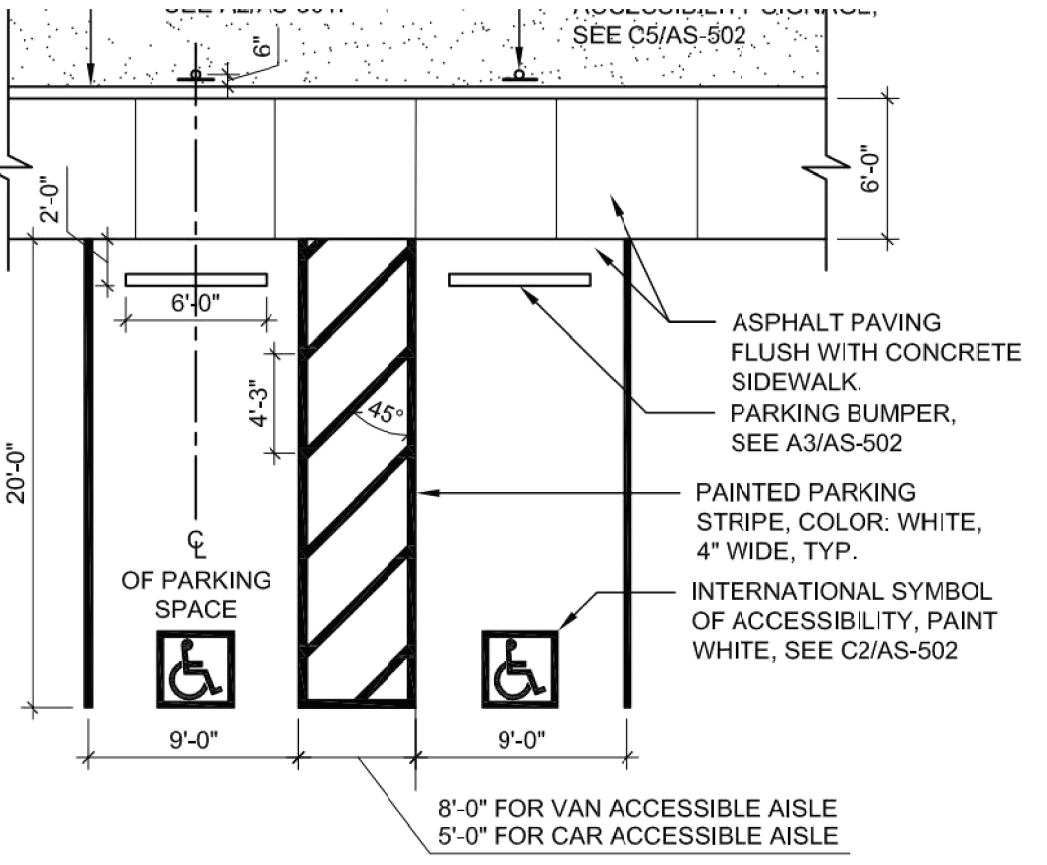
CD	DATE	REVISION

PAA JOB NO. 202121
 PSFA JOB NO. P19-010
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 SHEET TITLE

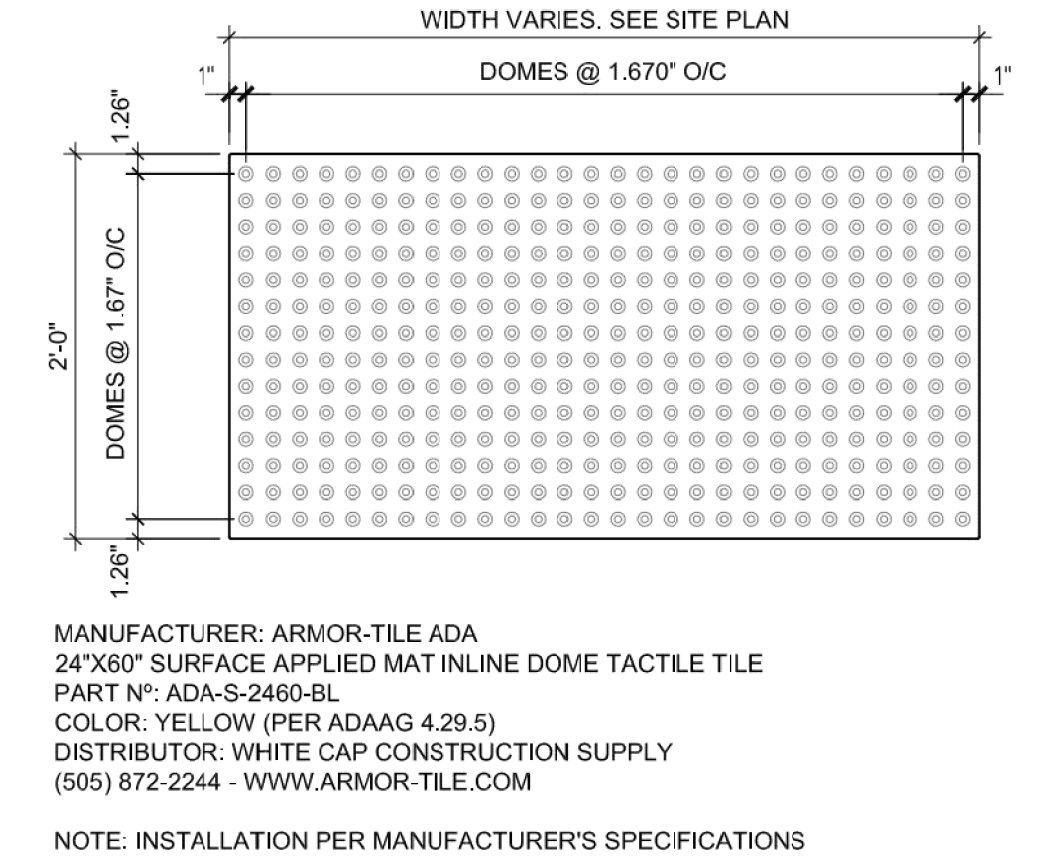
DRAIN BASIN MAP
 SHEET NO.



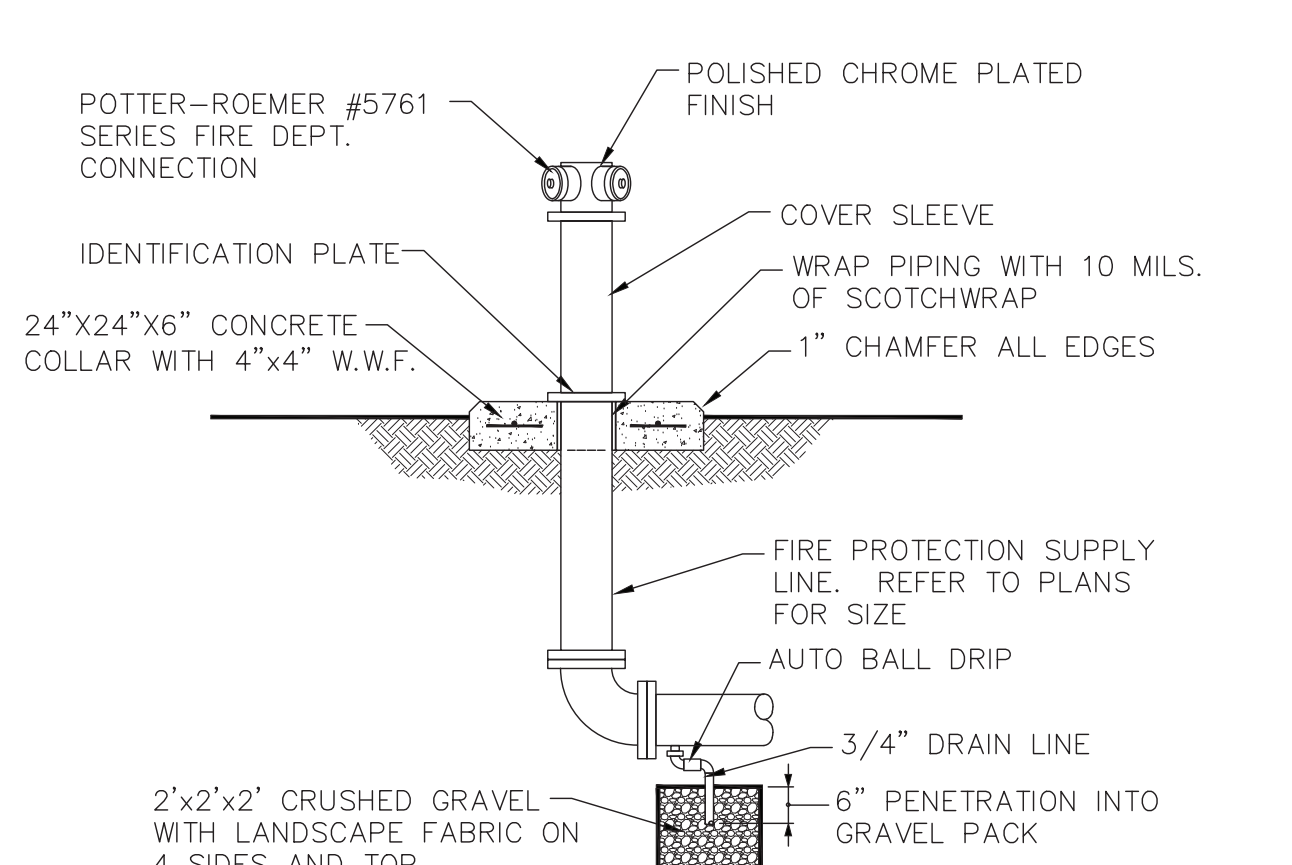
E1 ACCESSIBLE PVMT. MARKING
1" = 1'-0"



E2 ACCESSIBLE PARKING
1/8" = 1'-0"

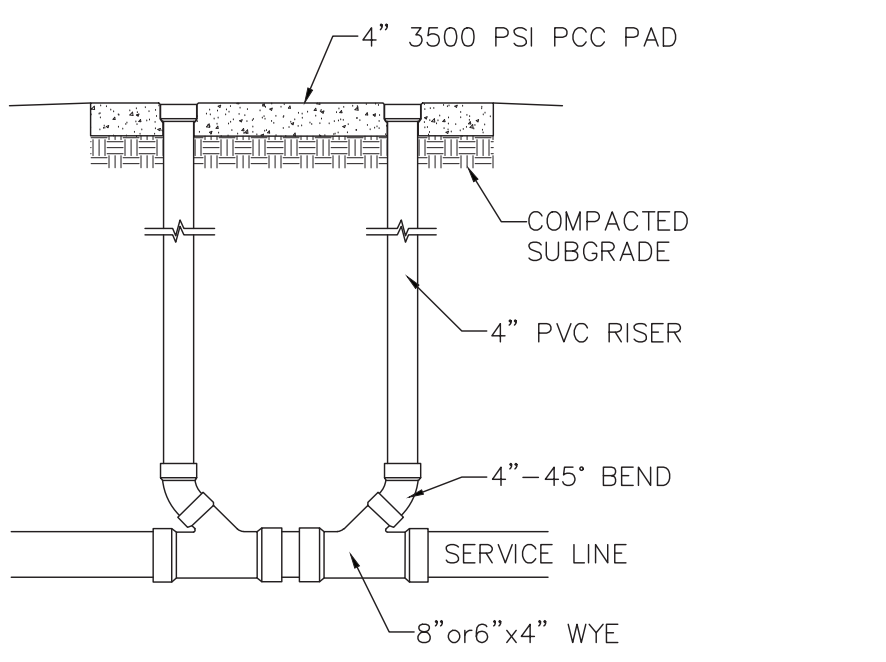
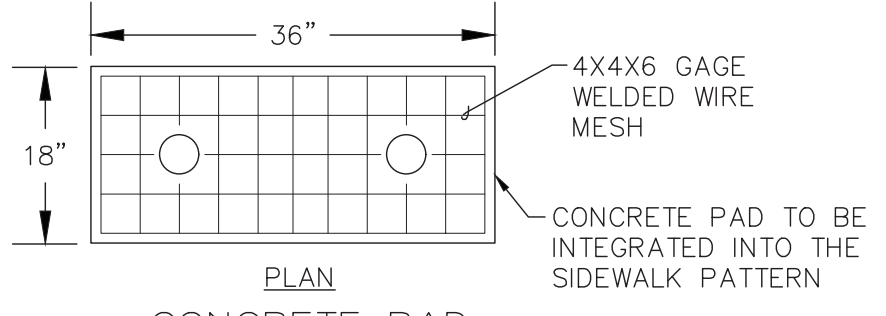


E3 DETECTABLE WARNING
1" = 1'-0"

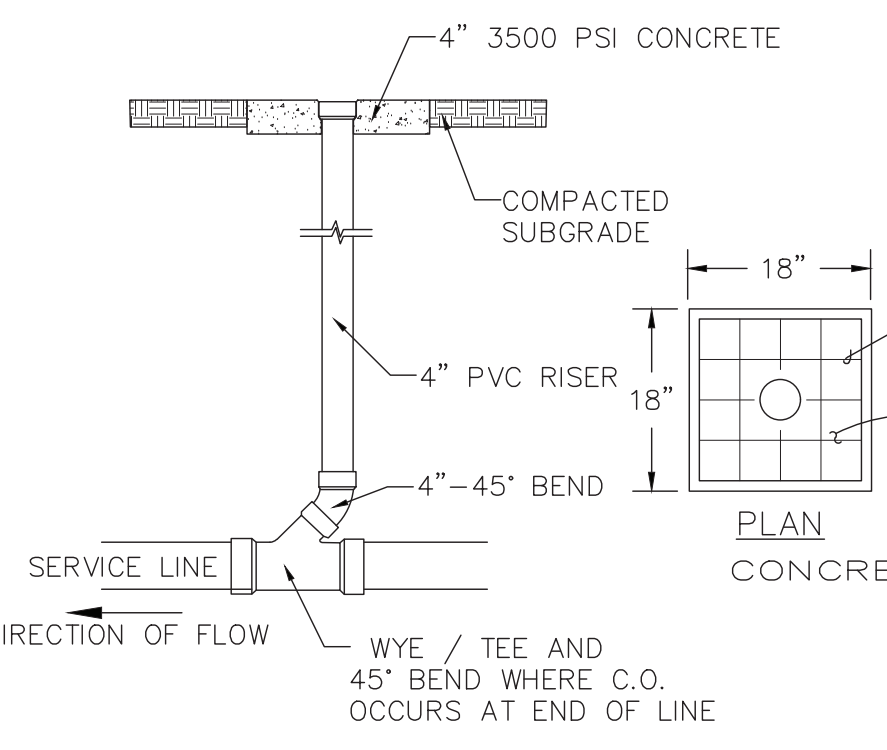


FREE-STANDING FIRE DEPARTMENT CONNECTION DETAIL
NTS

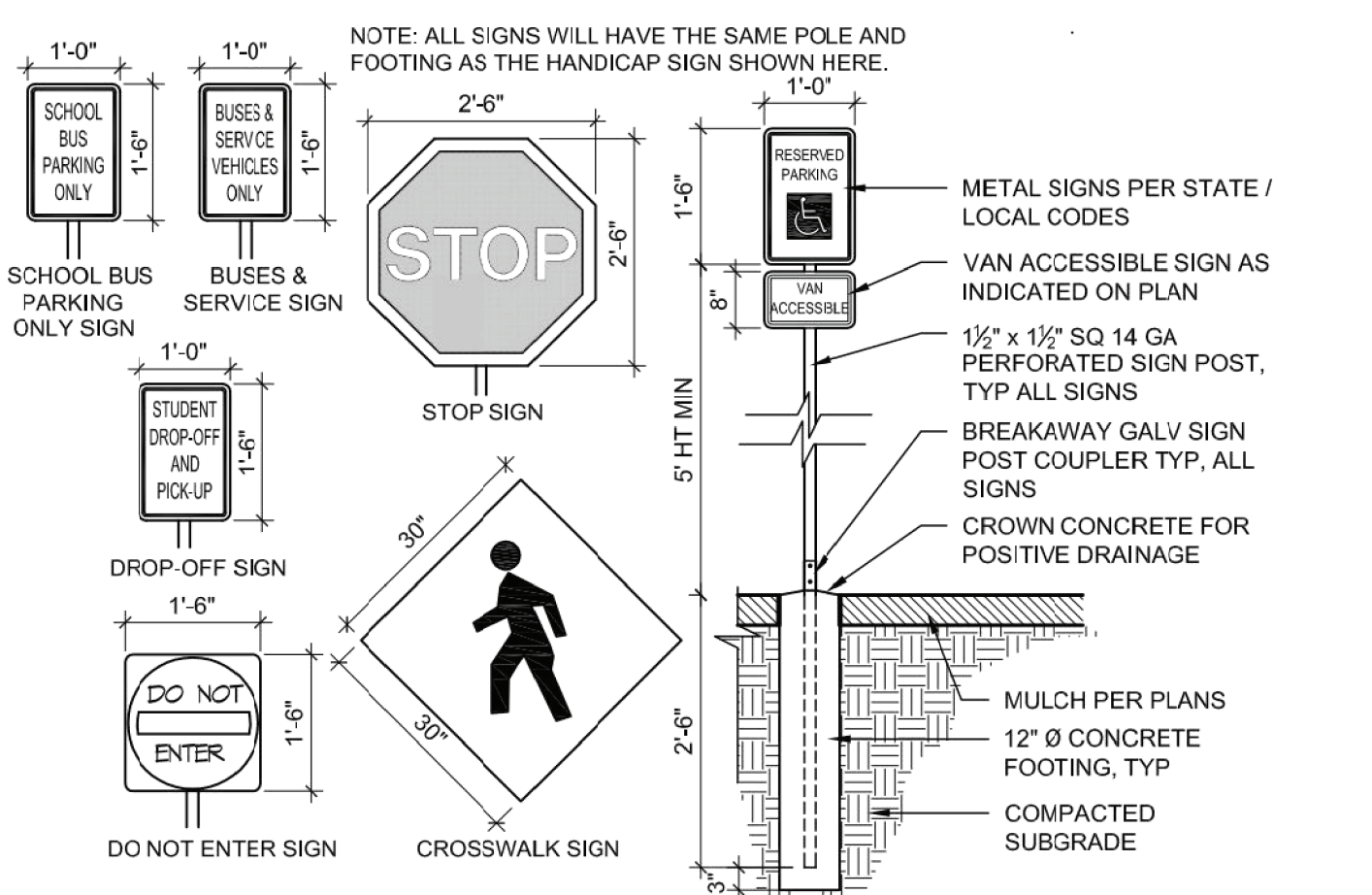
NOTE: DETAILS ARE NOT TO SCALE.



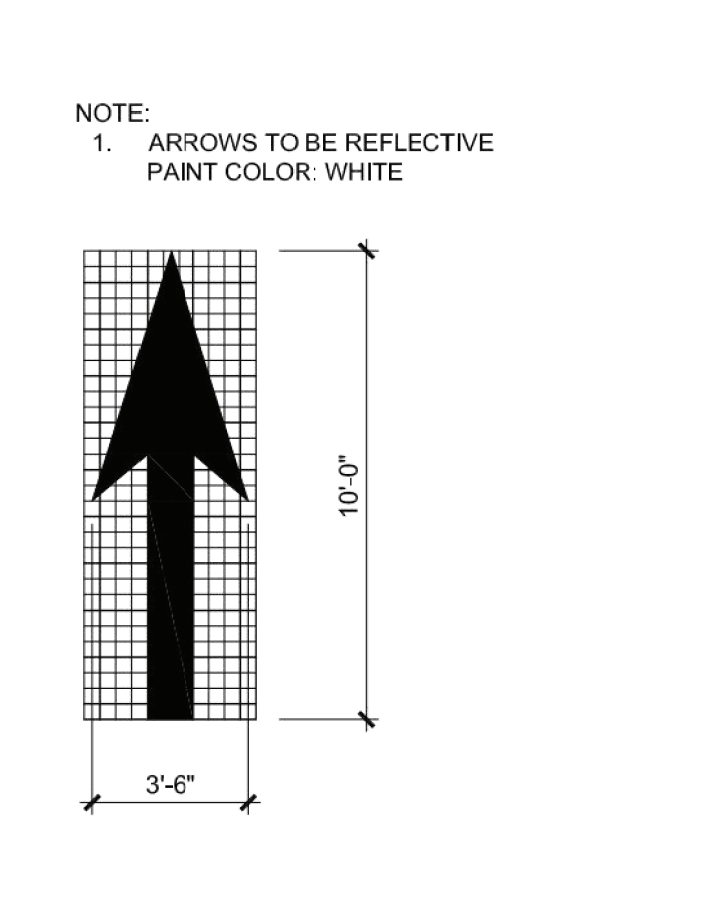
DOUBLE CLEANOUT
NTS



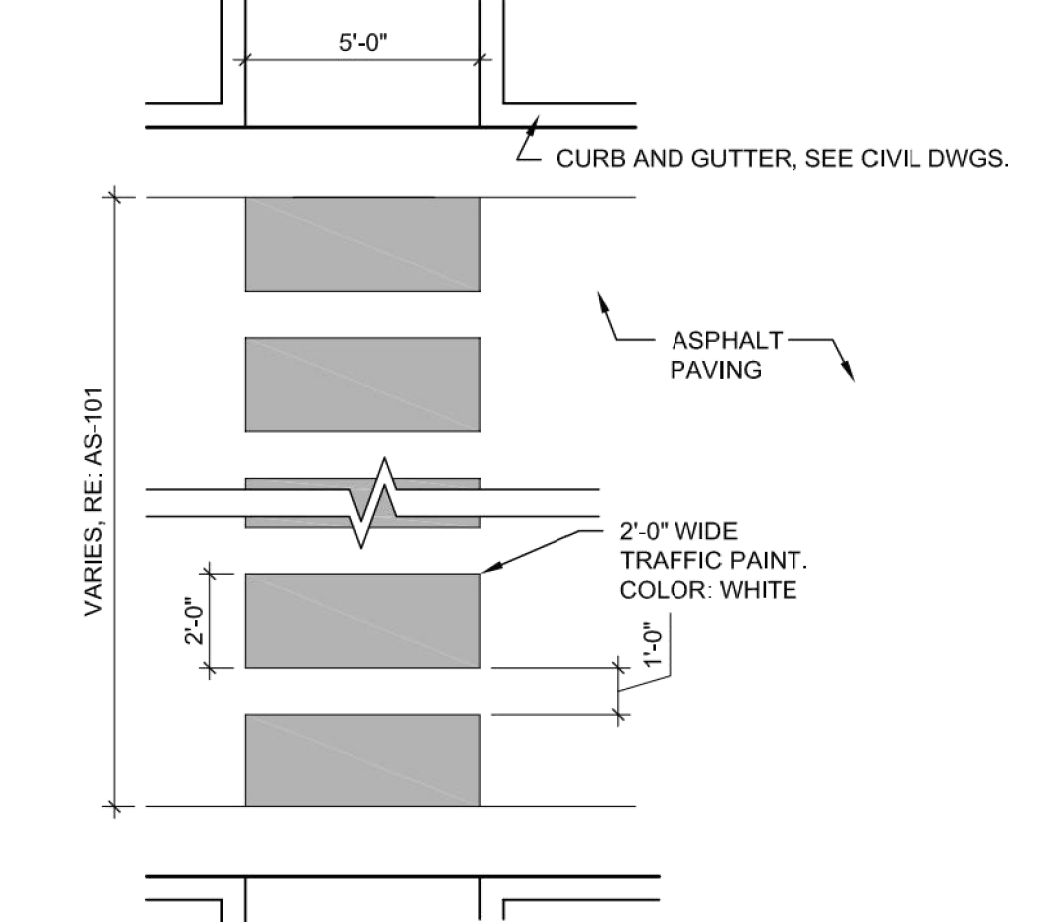
SINGLE CLEANOUT DETAIL
NTS



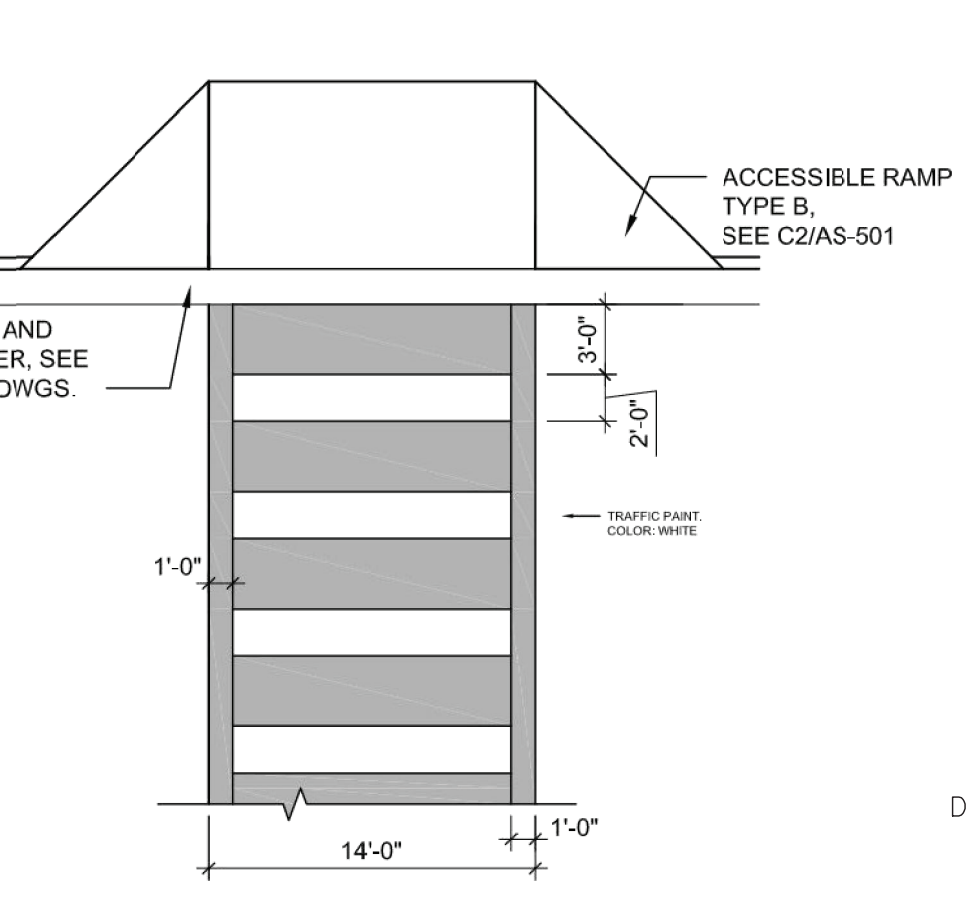
D1 SITE SIGNAGE
1/2" = 1'-0"



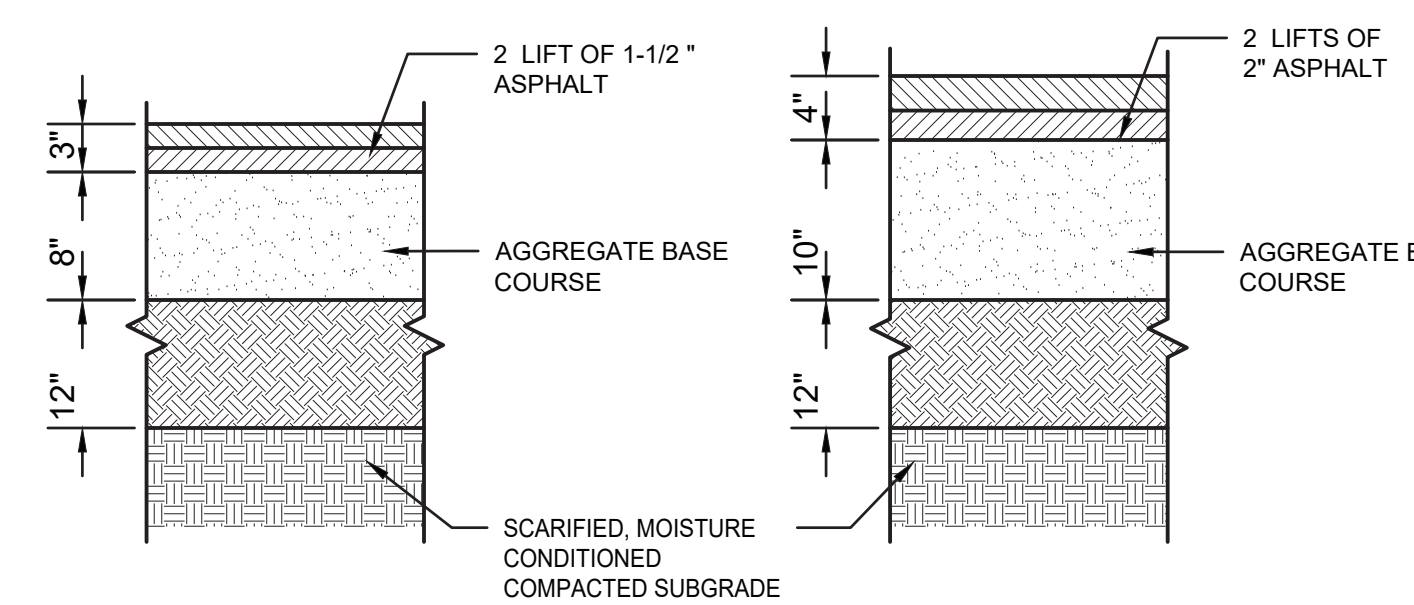
D2 PAVEMENT ARROWS
1/4" = 1'-0"



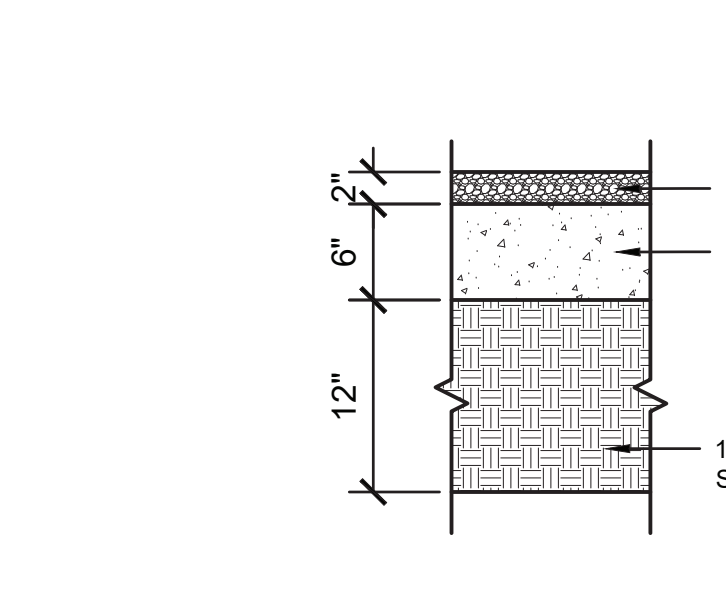
D3 CROSSWALK STRIPING
1/4" = 1'-0"



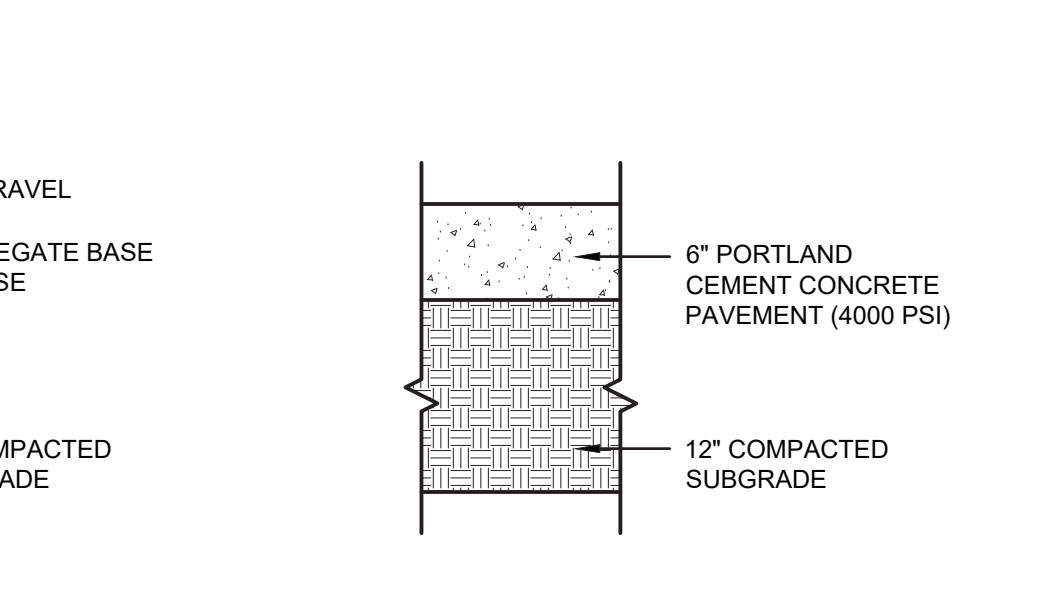
D4 CROSSWALK STRIPING
1/8" = 1'-0"



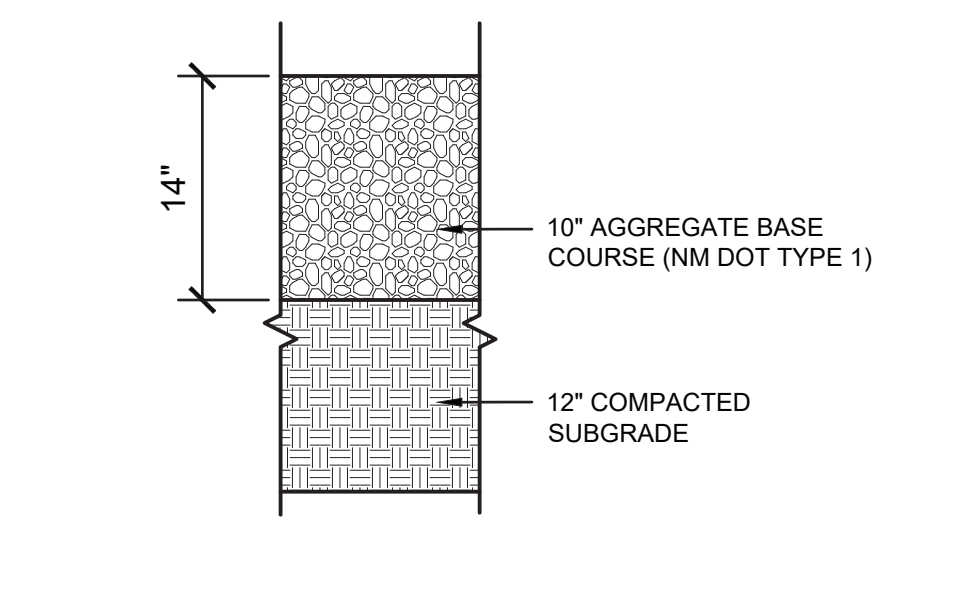
ASPHALT SECTIONS
SCALE: NTS



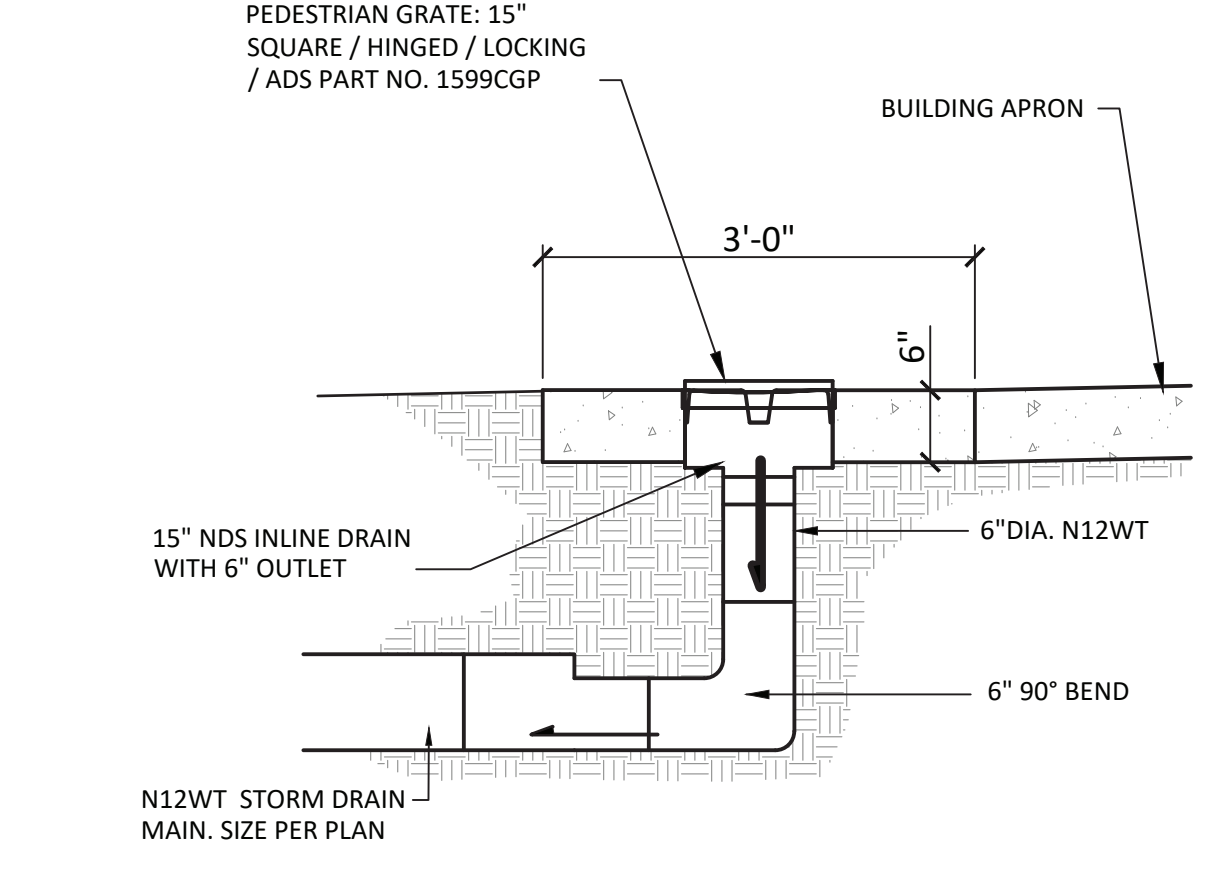
GRAVEL PARKING SECTION
SCALE: NTS



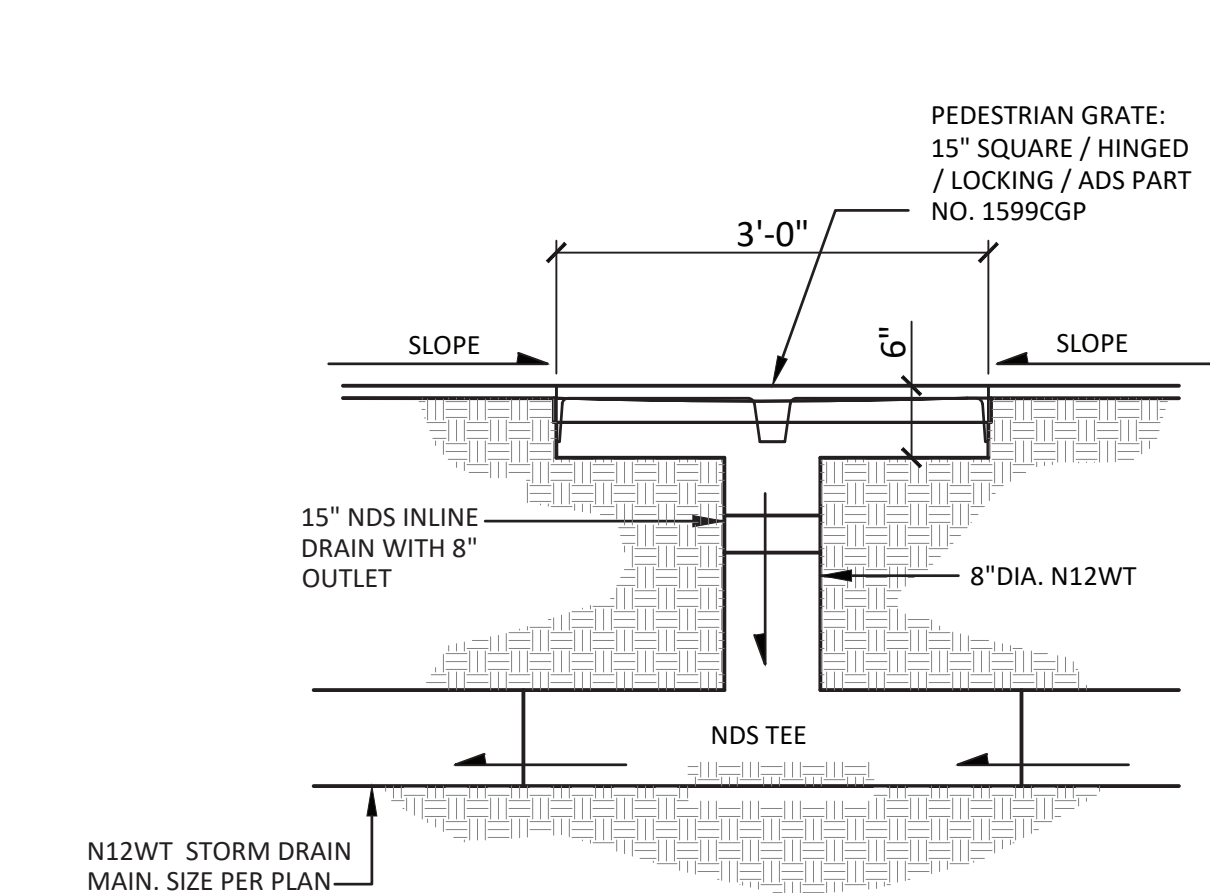
CONCRETE PAVEMENT SECTION
SCALE: NTS



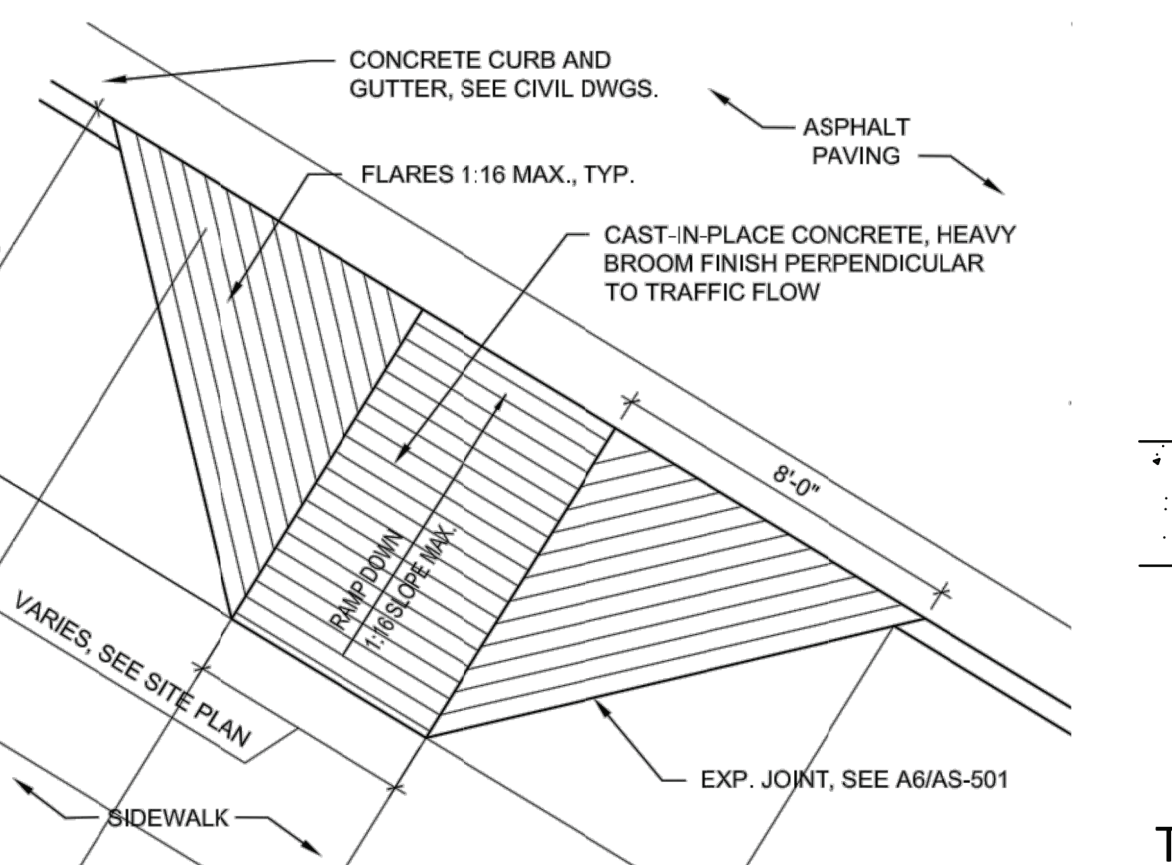
AGGREGATE FIRE LANE PAVEMENT SECTION
SCALE: NTS



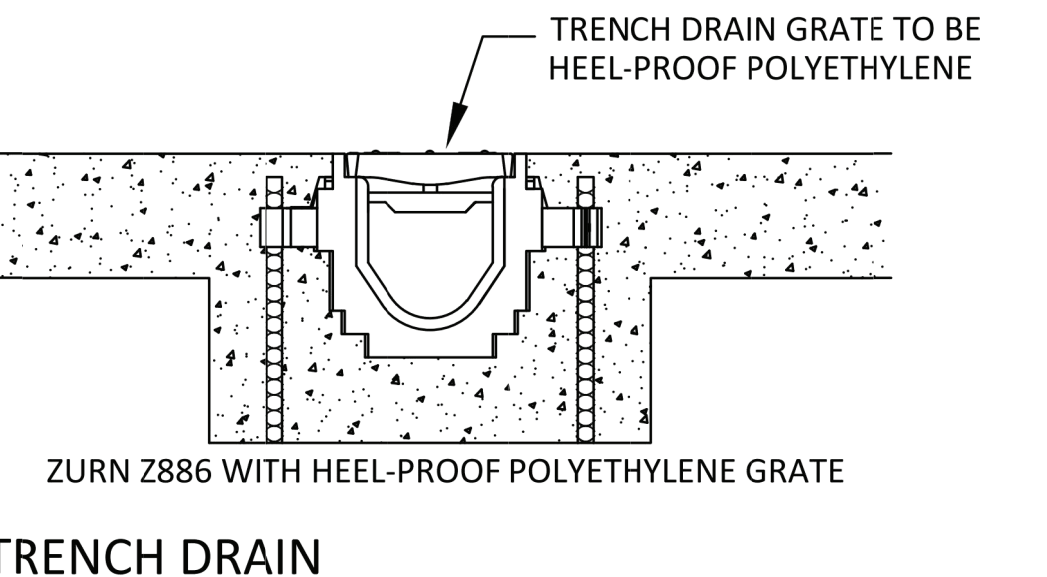
IN-LINE DRAIN
SCALE: NTS



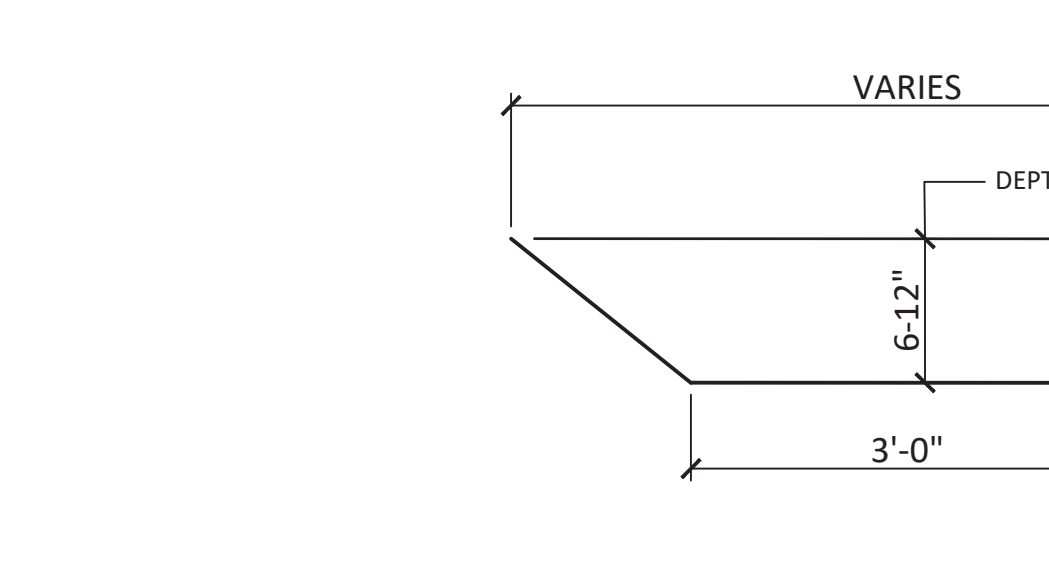
INLET DRAIN FLAT GRATE
SCALE: NTS



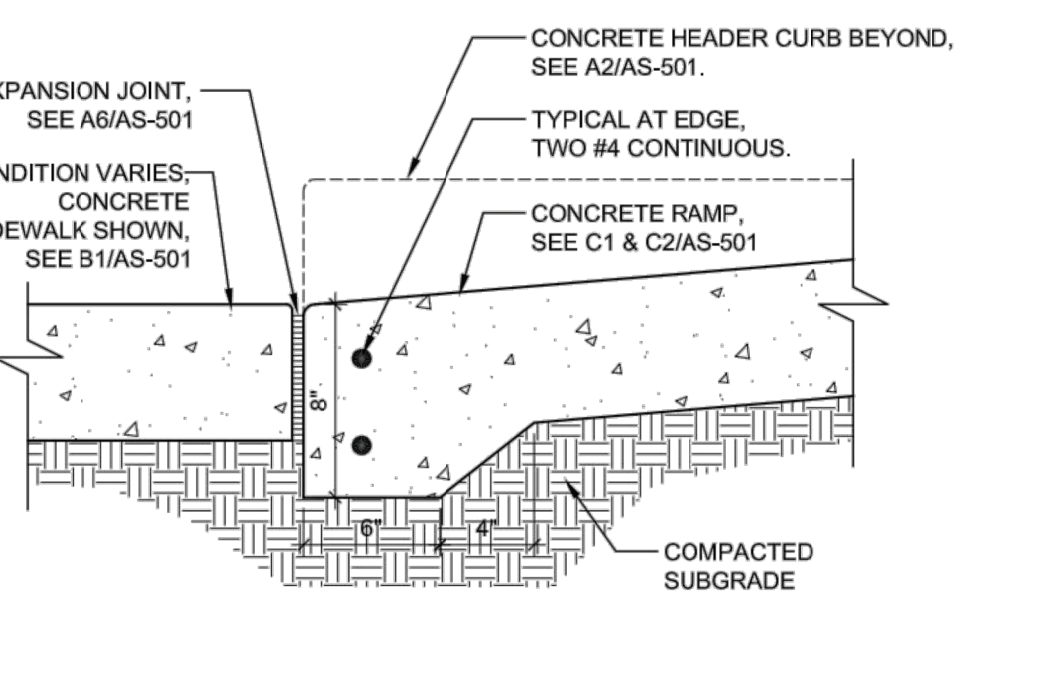
B1 ACCESSIBLE RAMP TYPE B
1/4" = 1'-0"



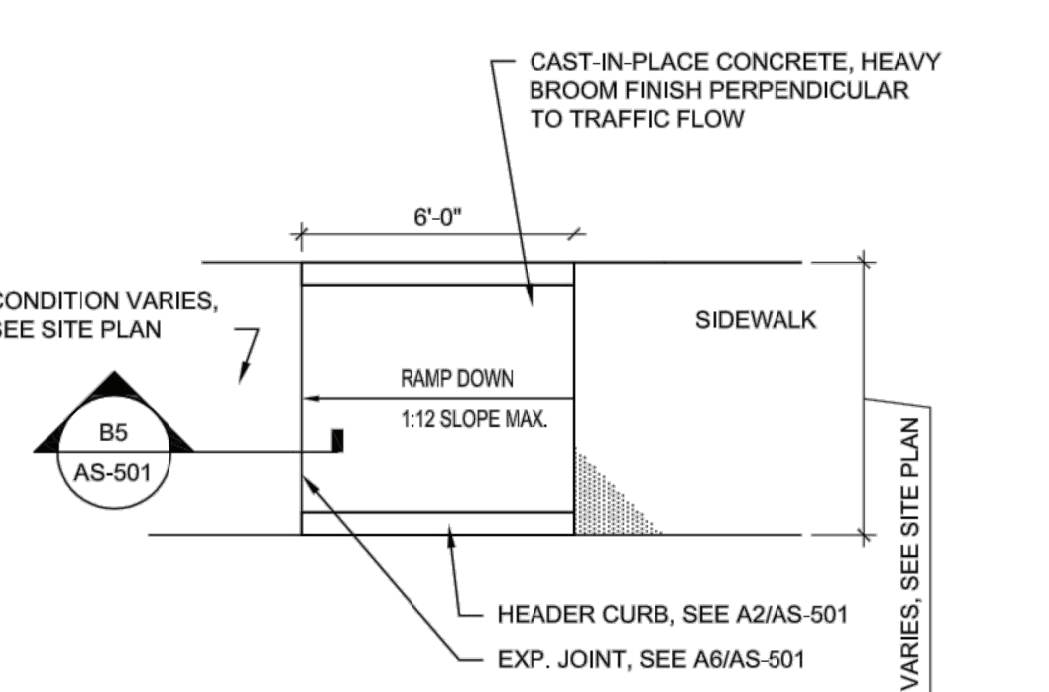
B2 TRENCH DRAIN
N.T.S.



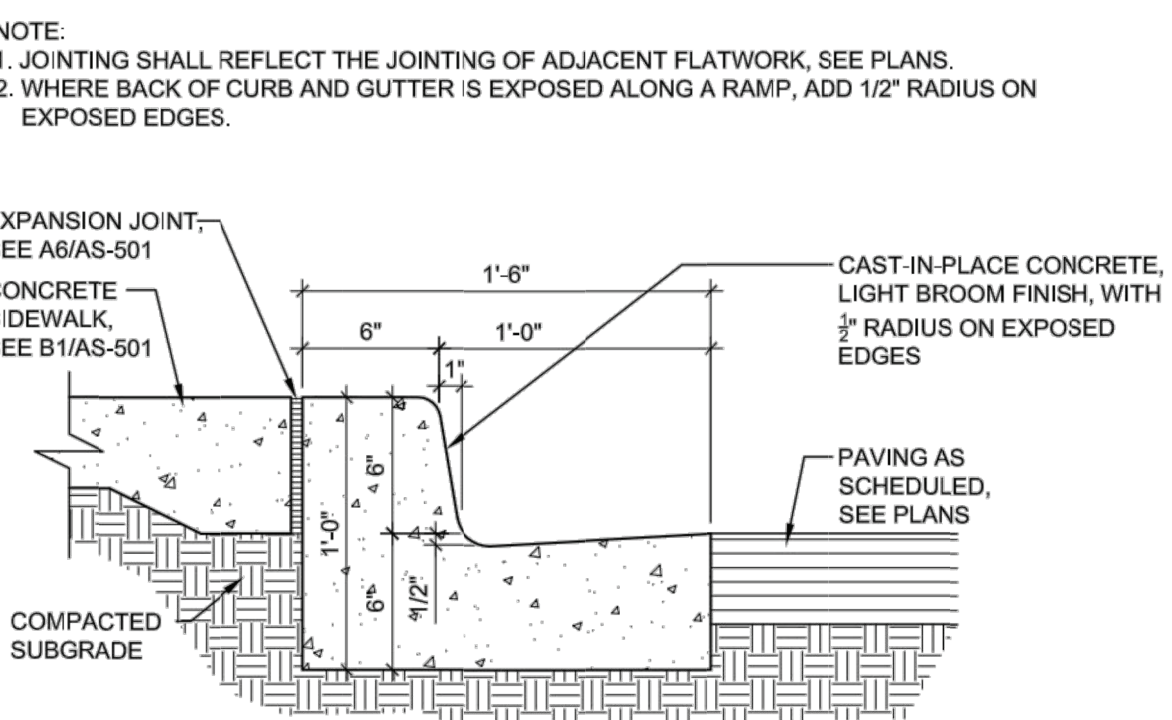
B3 GRASS SWALE
SCALE: NTS



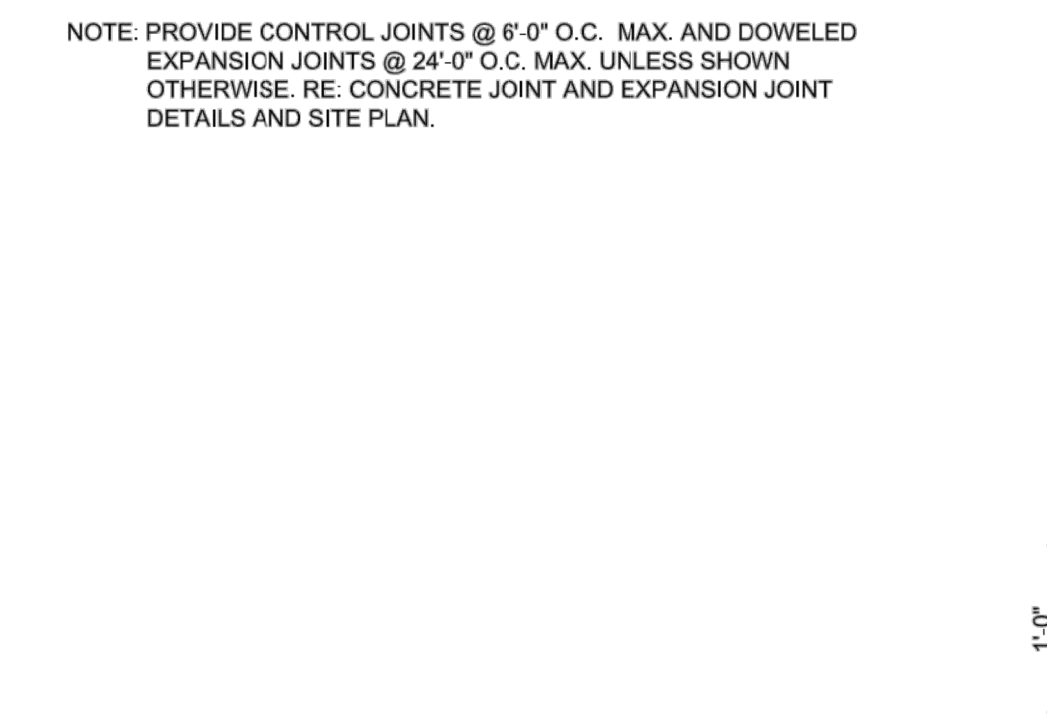
B5 RAMP TRANSITION
1 1/2" = 1'-0"



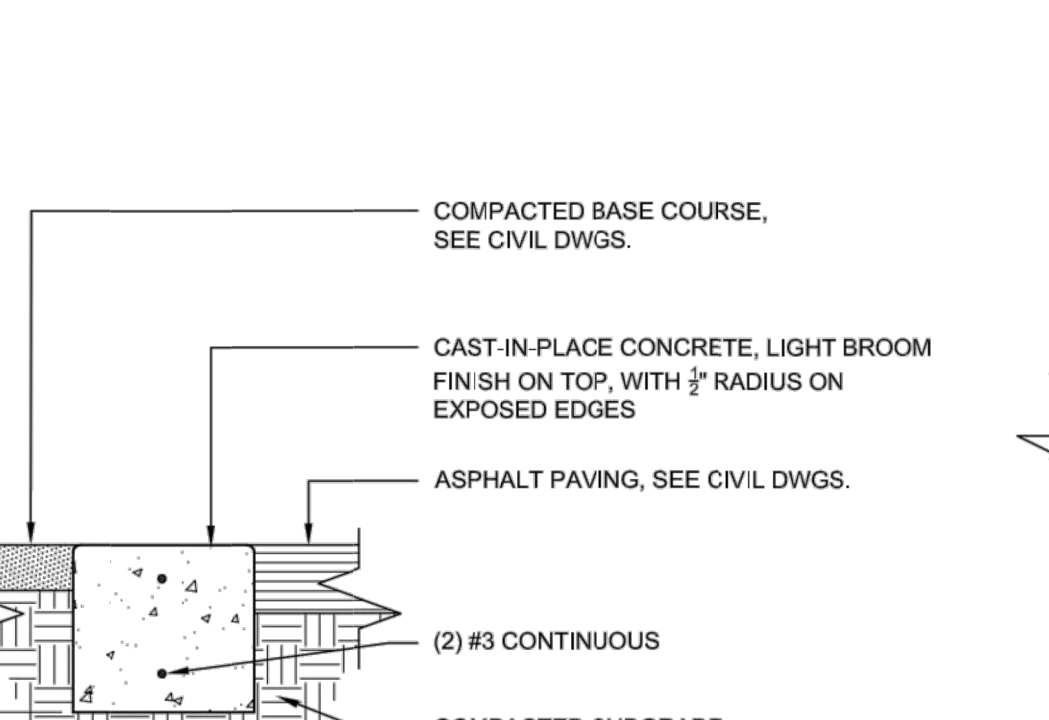
B6 ACCESSIBLE RAMP TYPE A
1/4" = 1'-0"



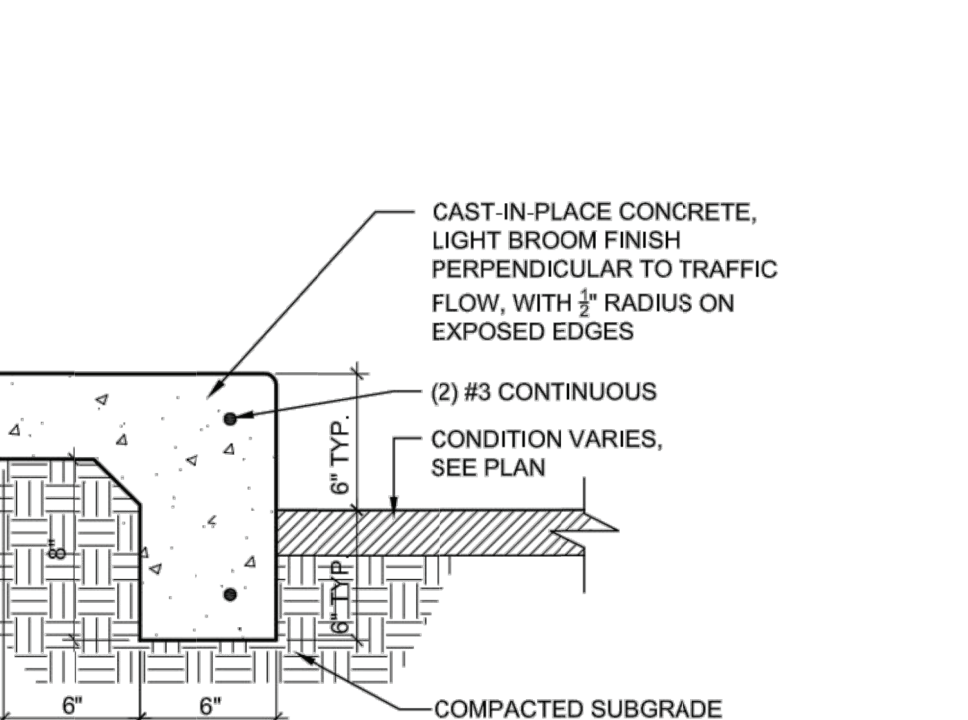
A1 CONCRETE CURB & GUTTER
1 1/2" = 1'-0"



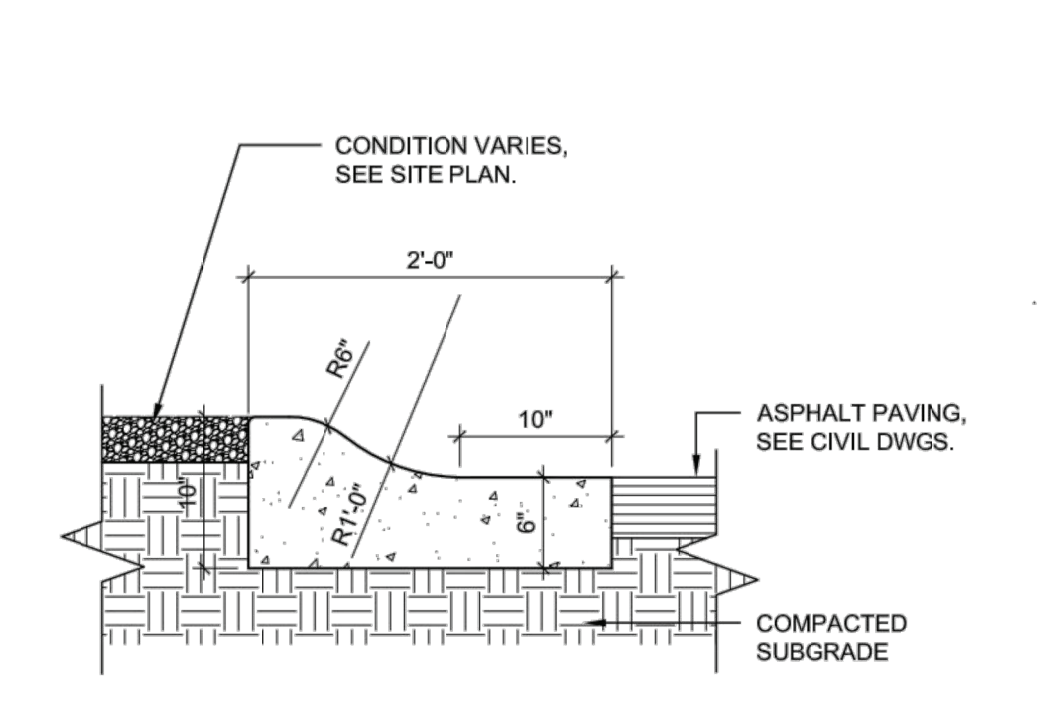
A3 CONCRETE FLUSH CURB
1" = 1'-0"



A4 CONCRETE TURNDOWN SIDEWALK
1 1/2" = 1'-0"



A5 CONCRETE ROLL CURB
1" = 1'-0"



A6 CONCRETE JOINT and EXPANSION JOINT
1 1/2" = 1'-0"

CONTROL AND EXPANSION JOINT SPACING - SEE PLANS FOR LOCATIONS			
APPROX WIDTH OF CONCRETE	CURB & GUTTER	5" WALK & BLDG APRON WALK	8" WALK
CONTROL JOINTS	4' OC	5' OC	8' OC
EXPANSION JOINTS	18' OC	18' OC	24' OC

CD	DATE	PERMIT
	12.22.2003	FERRIT

MARK	DATE	DESCRIPTION

PUBLIC IMPROVEMENT PLANS
FOR HINKLE AND ALAMEDA STREETS

**NANCY LOPEZ ELEMENTARY SCHOOL
ROSWELL, NM**

DECEMBER, 2023

OWNER
ROSWELL INDEPENDANT
SCHOOL DISTRICT

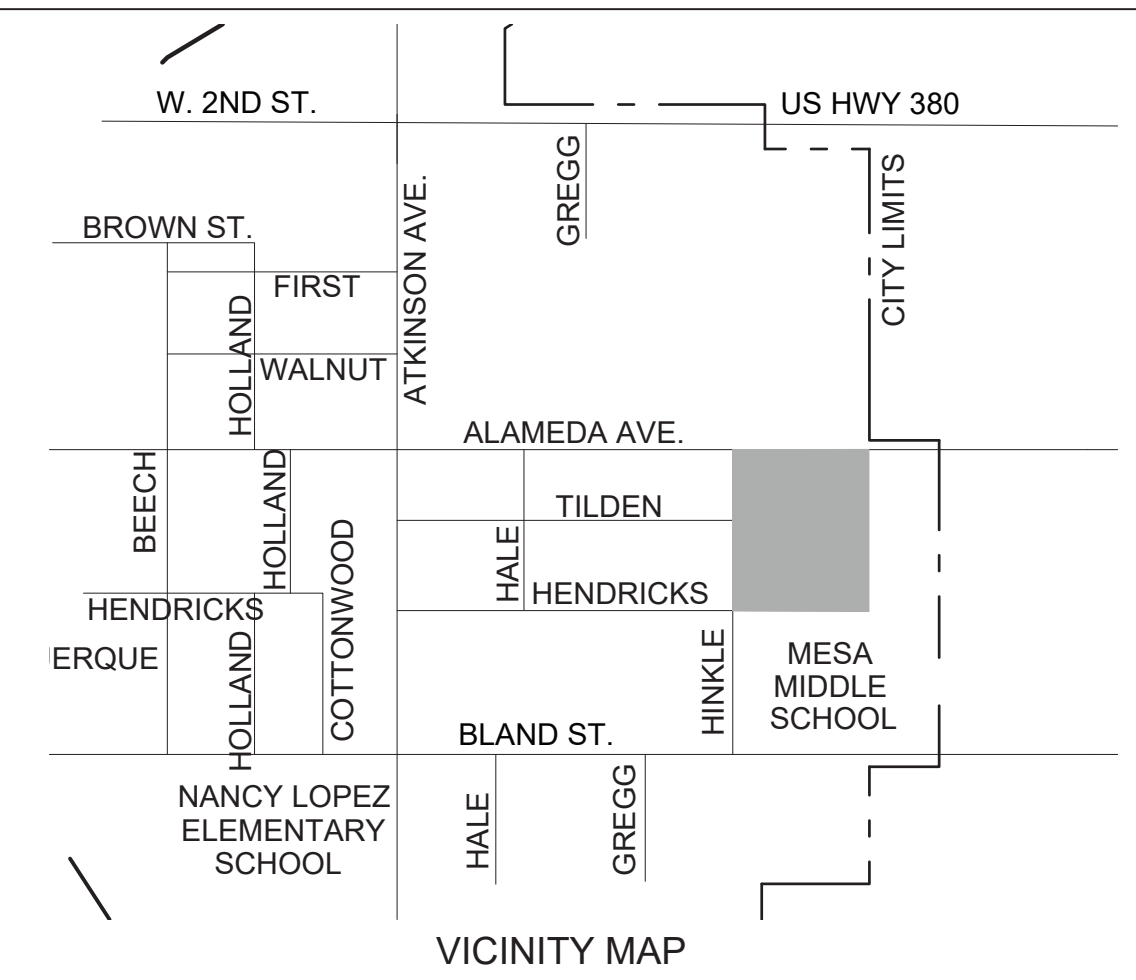
ENGINEER
SCOTT M MCGEE
P.O. BOX 93962
ALBUQUERQUE, NM 87199

INDEX TO DRAWINGS

SHEET NO.	TITLE
1	COVER SHEET
2	SURVEY
3 & 4	PLAN VIEWS HINKLE STREET AND ALAMEDA STREET
5 & 6	MISCELLANEOUS DETAILS

UTILITY CONTACTS:

NEW MEXICO GAS COMPANY - DANNY MENDOZA, PHONE 575-625-6380
XCEL ENERGY - RALPH SANCHEZ,
PHONE 575-625-5438
CENTURYLINK - KIM SNIPES, PHONE 575-291-5234
SPARKLIGHT - CLINT RABY, PHONE 575-317-5879



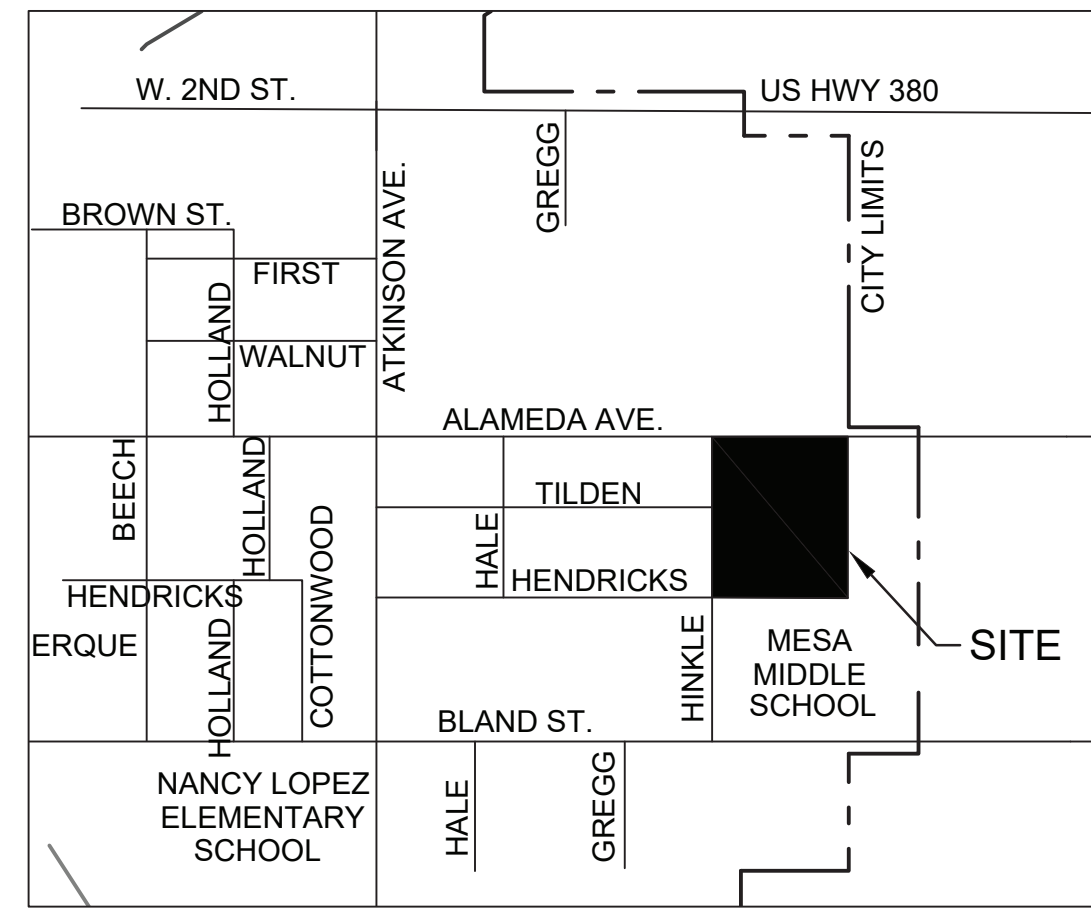
GENERAL NOTES

- GENERAL NOTES
- GENERAL: THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
 - SPECIFICATIONS: ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER A CONTRACT SHALL EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ROSWELL PUBLIC WORKS SPECIFICATIONS, FEBRUARY 25, 2005 EDITION AND WILL BE REFERRED TO HEREIN AS STANDARD SPECIFICATIONS.
 - BUSINESS ACCESS: THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO LOCAL BUSINESSES AND RESIDENCES FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL ADVISE OF AND SCHEDULE ACCESS CLOSURES AT LEAST 48 HOURS IN ADVANCE, WITH PROPERTY OWNERS AND THE CITY ENGINEER. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT PRICE.
 - CONSTRUCTION SCHEDULE: TEN (10) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION SERVICES DIVISION A DETAILED CONSTRUCTION SCHEDULE, THAT SHALL BE SUBMITTED AND UPDATED IN ACCORDANCE WITH THE CONTRACT. FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION SERVICES DIVISION. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER PRIOR TO OCCUPYING AN INTERSECTION.
 - PERMITS: THE CONTRACTOR SHALL NOT BEGIN WORK BEFORE 7:00 A.M. NOR CONTINUE WORK AFTER 7:00 P.M. WITHOUT THE APPROVAL OF THE CITY ENGINEER.
 - NON-ONE-CALL: TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT THE NEW MEXICO ONE CALL SYSTEM (505-260-1990) FOR LOCATION OF EXISTING UTILITIES.
 - PERMITS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS NECESSARY FOR CONSTRUCTION. PERMITS SHALL BE CONSIDERED INCIDENTAL TO THE ASSOCIATED WORK PERFORMED.
 - INTERSECTION WORK: CRITICAL INTERSECTION WORK SHALL NOT START UNTIL THE CONTRACTOR HAS ALL MATERIAL, EQUIPMENT, AND NECESSARY PERSONNEL ON-SITE. TRAFFIC CONTROL DEVICES SHALL NOT BE PLACED PREMATURELY.
 - OVERNIGHT PARKING: OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY. OVERNIGHT PARKING OF CONSTRUCTION VEHICLES ON PRIVATE PROPERTY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
 - CONSTRUCTION CLEAR ZONE: THE CONSTRUCTION CLEAR ZONE FOR THIS PROJECT IS 20 FEET FROM THE FACE OF CURB. THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL WITHIN THE CONSTRUCTION CLEAR ZONE UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. THE SAFETY DESIGN FOR SHIELDING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE APPROVED BY THE CONSTRUCTION ENGINEER BEFORE IMPLEMENTING.
 - REGULATORY SIGNS: THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEERING DIVISION FOURTEEN (14) WORKING DAYS IN ADVANCE OF ANY WORK REQUIRED REGARDING ALL EXISTING REGULATORY SIGNS AND SIGNALS THAT NEED TO BE REMOVED, RELOCATED, OR REINSTALLED.
 - SURVEY MONUMENTS: THE CONTRACTOR SHALL NOTIFY THE CITY SURVEYOR NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO ENSURE THE PRESERVATION OF SURVEY MONUMENTS. THE CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION.
 - CONSTRUCTION LIMITS: THE CONTRACTOR WILL BE REQUIRED TO CONFINE THEIR WORK WITHIN THE CONSTRUCTION LIMITS AND/OR ROW TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE AT THE COST OF THE CONTRACTOR.
 - BUILDING DAMAGE: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT BUILDING STRUCTURES ADJACENT TO THE PROJECT NOT BE DAMAGED DUE TO ANY CONSTRUCTION ACTIVITIES. DAMAGE CAUSED TO ANY BUILDING STRUCTURE WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, INCLUDING ALL COSTS INCURRED IN RESTORING/REPAIRING SAID DAMAGE.
 - AS-BUILTS: THE CONTRACTOR SHALL MAINTAIN AN UP TO DATE SET OF AS-BUILT PLANS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT, WITHIN TWO WEEKS, AT ALL TIMES AND SHALL BE SUBJECT TO THE REVIEW BY THE CITY PROJECT MANAGER THROUGHOUT THE PROJECT AND WILL BE REVIEWED BY THE CITY PROJECT MANAGER FOR ACCURACY AND COMPLETENESS AT LEAST ONCE EVERY 30 DAYS. THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED AND ACCEPTED BY THE PROJECT ENGINEER PRIOR TO FINAL PAYMENT. AS-BUILT PLANS SHALL BE INCIDENTAL TO THE CONSTRUCTION OF THE PROJECT.
 - GRAFFITI: THE CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE AND SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM ALL EQUIPMENT, FACILITIES, APPURTENANCES, AND ANY AND ALL BARRICADING AND SIGNAGE ASSOCIATED WITH THE PROJECT WHETHER PERMANENT OR TEMPORARY.
 - NON-VIBRATORY ROLLER: THE CONTRACTOR SHALL BE RESTRICTED TO THE USE OF A 35 TON MAXIMUM NON-VIBRATORY ROLLER TO OBTAIN THE REQUIRED COMPACTION IN PAVEMENT STRUCTURE, ROADWAY BACKFILL, EMBANKMENT, AND SUBGRADES IN URBAN AREAS WHERE THE USE OF HEAVIER EQUIPMENT COULD DAMAGE UNDERGROUND UTILITIES OR OTHER PERMANENT STRUCTURES.
 - EXISTING TIE-IN: ALL NEW STREET PAVING, CURB AND GUTTER, SIDEWALKS OR DRIVEPADS SHALL MATCH THE ELEVATIONS OF ABUTTING EXISTING AREAS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE CITY PROJECT ENGINEER.
 - CURB RAMPS: BEFORE SCHEDULING DELIVERY OF CONCRETE, CONTRACTOR SHALL MEET WITH CITY INSPECTOR/CONSTRUCTION PROJECT MANAGER TO ENSURE THE CONCRETE FORMWORK IS CONSTRUCTED TO DIMENSIONS AND GRADIES SHOWN ON PLANS AND MEETS ADA DESIGN CRITERIA. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE INSTALLATION OF THE ADA CURB RAMPS.
 - SAW-CUT: WHEN ABUTTING NEW PAVEMENT TO EXISTING, CONTRACTOR SHALL SAW-CUT TO FULL PAVEMENT DEPTH, THE EXISTING PAVEMENT TO A NEAR VERTICAL STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING. ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH JACK COAT.
 - FIELD VERIFICATION: THE CONTRACTOR SHALL VERIFY ALL EXISTING FIRE HYDRANT FLANGES, PADS, VALVE BOXES, MANHOLE RIMS AND TOP OF PIPE ELEVATIONS IN THE FIELD. ELEVATIONS SHALL BE ADJUSTED TO FINISHED GRADE TO COMPLY WITH THE REQUIREMENTS OF THE CITY STANDARD DETAILS.
 - DAMAGE REPAIR: THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, CURB RAMPS, SIGNAGE, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS.
 - REMOVALS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS REQUIRED TO COMPLETE THE PROJECT. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT PRICE FOR EACH REMOVAL ITEM.
 - CONCRETE REMOVAL: REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK, DRIVEPAD OR CONCRETE PAVEMENT SHALL BE TO THE NEAREST JOINT.
 - DISPOSALS: ALL CONSTRUCTION DEBRIS, SPOL, AND NON-SALVAGEABLE ITEMS BECOME THE PROPERTY OF THE CONTRACTOR. PROPER DISPOSAL OF THESE ITEMS IS THE RESPONSIBILITY OF THE CONTRACTOR. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL AND UNSUITABLE MATERIAL, SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION ENGINEER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERE TO SHALL BE CONSIDERED INCIDENTAL TO THIS CONTRACT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
 - BACKFILL COMPACTION: ALL TRENCH EXCAVATION BACKFILL WITHIN THE ROADWAY PRISM SHALL BE COMPACTED TO 80% OF THE MODIFIED PROCTOR PER ASTM D-698 OR D-1557.
 - OSHA REQUIREMENTS: ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926 SUBPART P. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THEIR EMPLOYEES.
 - EXISTING UTILITIES IN PLAN: ALL EXISTING UTILITIES SHOWN HEREIN WERE TAKEN FROM RECORD DRAWINGS, FIELD SURVEYS, UTILITIES MAPS AND INFORMATION PROVIDED BY THE UTILITY OWNERS AND ARE APPROXIMATE. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY HORIZONTAL AND VERTICAL LOCATIONS AND TYPE OF EXISTING UTILITIES TO BE ADJUSTED OR EXTENDED AND TO PROVIDE PROTECTION FOR ALL UTILITIES WITHIN THE CONSTRUCTION AREA.
 - AVOIDING UTILITIES: THE CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UTILITIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION THAT MIGHT RESULT FROM PROJECT CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND PRESERVE UTILITY EQUIPMENT AFFECTED BY PROJECT CONSTRUCTION. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION ENGINEER.
 - UTILITY RELOCATIONS: UTILITY RELOCATIONS BY THE UTILITY OWNERS WILL BE COMPLETED PRIOR TO CONSTRUCTION. HOWEVER, THE CONTRACTOR IS HEREBY ADVISED THAT SOME LIMITED UTILITY RELOCATION WORK BY THE UTILITY OWNERS MAY NEED TO BE PERFORMED CONCURRENT WITH CONSTRUCTION. THE CONTRACT SHALL PROVIDE FOR UTILITY WORK IN CONJUNCTION WITH CONSTRUCTION OPERATIONS AND SHALL BE REQUIRED TO COORDINATE THE SCHEDULING OF WORK WITH THE RESPECTIVE UTILITY OWNERS.
 - ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE THEIR ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
 - MATCHING EXISTING GRADES: WHERE A PROFILE GRADE IS NOT PROVIDED IN THE PLANS, STREET CENTERLINE GRADES SHALL BE RESTORED BY THE CONTRACTOR TO THE EXISTING CENTERLINE GRADES. CROSS SECTION OF THE EXISTING ROAD PRIOR TO CONSTRUCTION AS NEEDED TO MATCH EXISTING (50' INCREMENT MIN). MINOR ADJUSTMENTS TO THE STREET GRADES MAY BE NECESSARY AND WILL BE DIRECTED BY THE PROJECT ENGINEER. MINOR ADJUSTMENTS TO THE STREET GRADES SHALL BE INCLUDED IN PAYMENT FOR RESPECTIVE PAVING BID ITEMS. SMOOTH TRANSITIONS SHALL BE MADE BETWEEN EXISTING PAVEMENT WHICH REMAINS IN PLACE AND PAVEMENT WHICH IS BEING REPLACED. TRAFFIC CONTROL DEVICES INCLUDING PAVEMENT MARKINGS MUST BE RESTORED TO THE SAME OR BETTER CONDITION AS BEFORE CONSTRUCTION.
 - HUMAN REMAINS: IF HUMAN REMAINS ARE ENCOUNTERED, THE CONTRACTOR SHALL CEASE ALL WORK AND CONTACT THE OFFICE OF MEDICAL EXAMINER FOR FURTHER INSTRUCTIONS.
 - DROP-OFF POLICY: IF A PAVEMENT DROP-OFF IS CREATED DURING CONSTRUCTION, THE CONTRACTOR SHALL INITIATE PROTECTIVE ACTION TO MAINTAIN A SMOOTH TRANSITION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
 - SUBGRADE PREPARATION: THE SUBGRADE PREPARATION SHALL EXTEND ONE FOOT BEYOND THE FREE EDGE OF NEW CURB AND GUTTER AND SIDEWALK, OR TO THE RIGHT-OF-WAY.
 - UTILITY REPAIR: THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL REPAIR COSTS OF ANY AND ALL DAMAGE CAUSED BY THEIR OPERATIONS TO THE WORK OR ANY UTILITY IDENTIFIED IN THE PLANS. UTILITIES NOT SHOWN ON THE DRAWINGS SHALL BE PROTECTED AND MAINTAINED BY THE CONTRACTOR. UTILITIES WHICH ARE RELOCATED BY OTHERS AND CROSS THE WORK SHALL BE MAINTAINED IN THEIR RELOCATED POSITIONS BY THE CONTRACTOR. ALL COSTS FOR SUCH WORK SHALL BE AT THE CONTRACTOR'S EXPENSE WITHOUT REIMBURSEMENT.
 - PUBLIC UTILITY COORDINATION: THE CONTRACTOR SHALL GIVE ALL PUBLIC AND PRIVATE UTILITY COMPANIES PRIOR WRITTEN NOTICE AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE FOR ANY WORK THAT THE CONTRACTOR CONTEMPLATES, WHICH WOULD INTERFERE IN ANY WAY WHATSOEVER WITH THE SERVICE OF ANY EXISTING PUBLIC OR PRIVATE UTILITY.
 - CONSTRUCTION SIGNING: ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
 - THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
 - EDGE SMOOTHNESS: THE CONTRACTOR WILL ENSURE THE ASPHALT HAS A SMOOTH UNIFORM EDGE WHEN REMOVING AND REPLACING CURB AND GUTTER. IF THE ASPHALT EDGE IS NOT SMOOTH AND UNIFORM, THE CONTRACTOR SHALL SAWCUT AND REPLACE A ONE-FOOT WIDE STRIP OF ASPHALT ALONG THE FULL SECTION BEING REPLACED. REFER TO COA STANDARD DRAWING 2465 ARTERIAL SECTION.
 - ALL SWEEP EROSION CONTROL MEASURES MUST BE REMOVED FROM THE RIGHT-OF-WAY PRIOR TO FINAL ACCEPTANCE.
 - EXCAVATION PERMIT: AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
 - OBSTRUCTIONS: PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE CITY INSPECTOR IMMEDIATELY SO THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
 - UTILITY LINE RECORDING: THE CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS-BUILT" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
 - PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED BY THE CONTRACTOR PER PLAN.
 - POPS SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATIONS. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF PIPE. JOINTS SHALL NOT BE GROUDED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.
 - AT ALL PAVEMENT REMOVAL AND REPLACEMENTS, SAW-CUT EDGES SHALL BE STRAIGHT AND CLEAN, AND LONGITUDINAL JOINTS SHALL NOT BE PLACED WITHIN WHEEL PATHS. PATCHES SHALL BE REGULAR AND SQUARE OR RECTANGULAR, WITH FOUR STRAIGHT SIDES. FINISHED PAVEMENT SURFACE SHALL BE FLUSH WITH EXISTING PAVEMENT SURFACE, WITH NO SPRELOVER OF ASPHALT OR JACK COAT. CARE MUST BE TAKEN TO AVOID DAMAGING THE INTEGRITY OR APPEARANCE OF SURROUNDING PAVEMENTS. IF DAMAGED, THE ENTIRE SURFACE PATCH MUST BE EXPANDED TO COVER DAMAGES AT THE CONTRACTOR'S EXPENSE.
 - DUST CONTROL: THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS. THIS WORK SHALL BE INCIDENTAL TO NPDES PERMITTING.

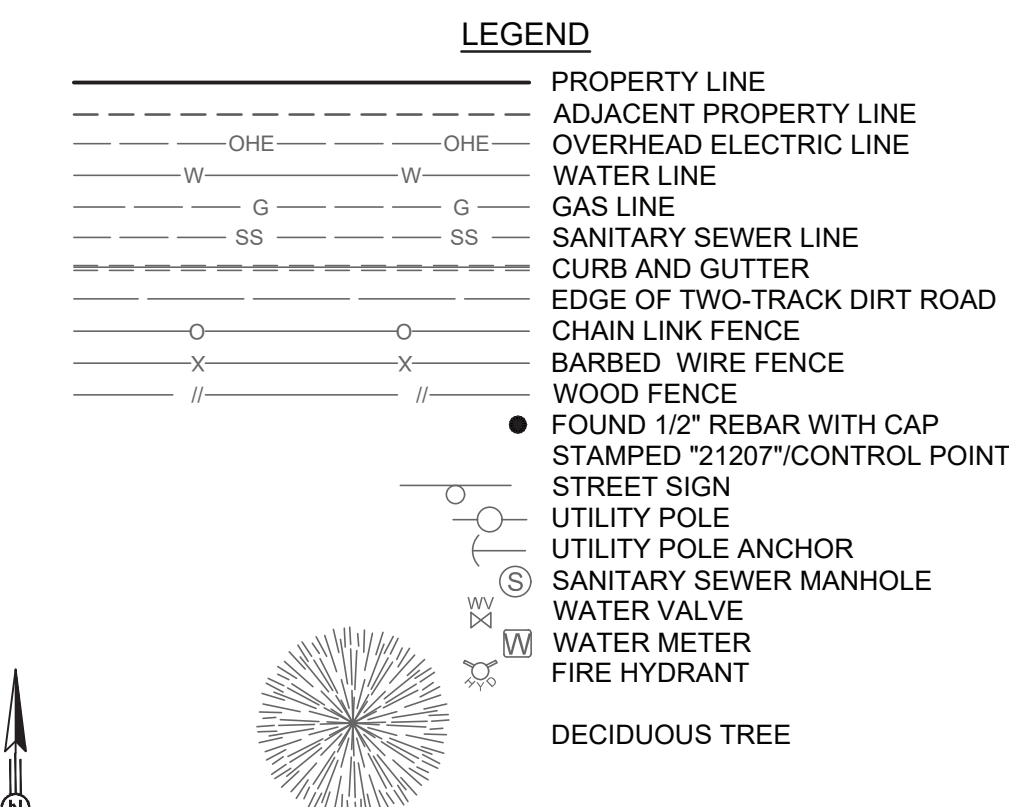
REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEER'S STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	APPROVED FOR CONSTRUCTION		
COR UTILITY STAFF		TRANSPORTATION	WATER/WASTEWATER	HYDROLOGY	COR UTILITY		
C.I.P.		CONSTR. MNGMT.	DATE				
CITY PROJECT No.		XXXXXX					
SHEET		1		OF		6	

ALAMEDA SUBDIVISION TOPOGRAPHIC SURVEY

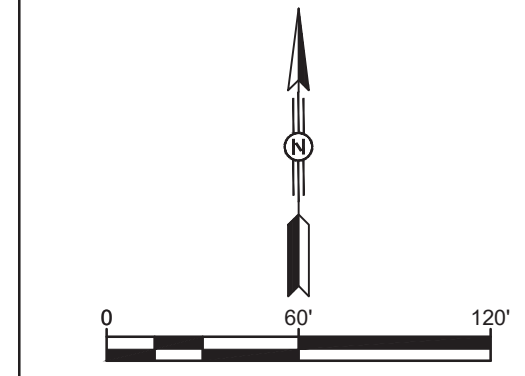
ROSWELL CHAVES COUNTY NEW MEXICO



Point #	Raw Description	Elevation	Northing	Easting
3467	COR REB 21207	3574.186	869635.1480	490164.3330
3468	COR REB 21207	3573.159	869635.7430	490729.9430
3469	COR REB 21207	3574.635	869035.2650	490724.0670
3470	COR REB 21207	3575.435	869038.2220	490157.6600



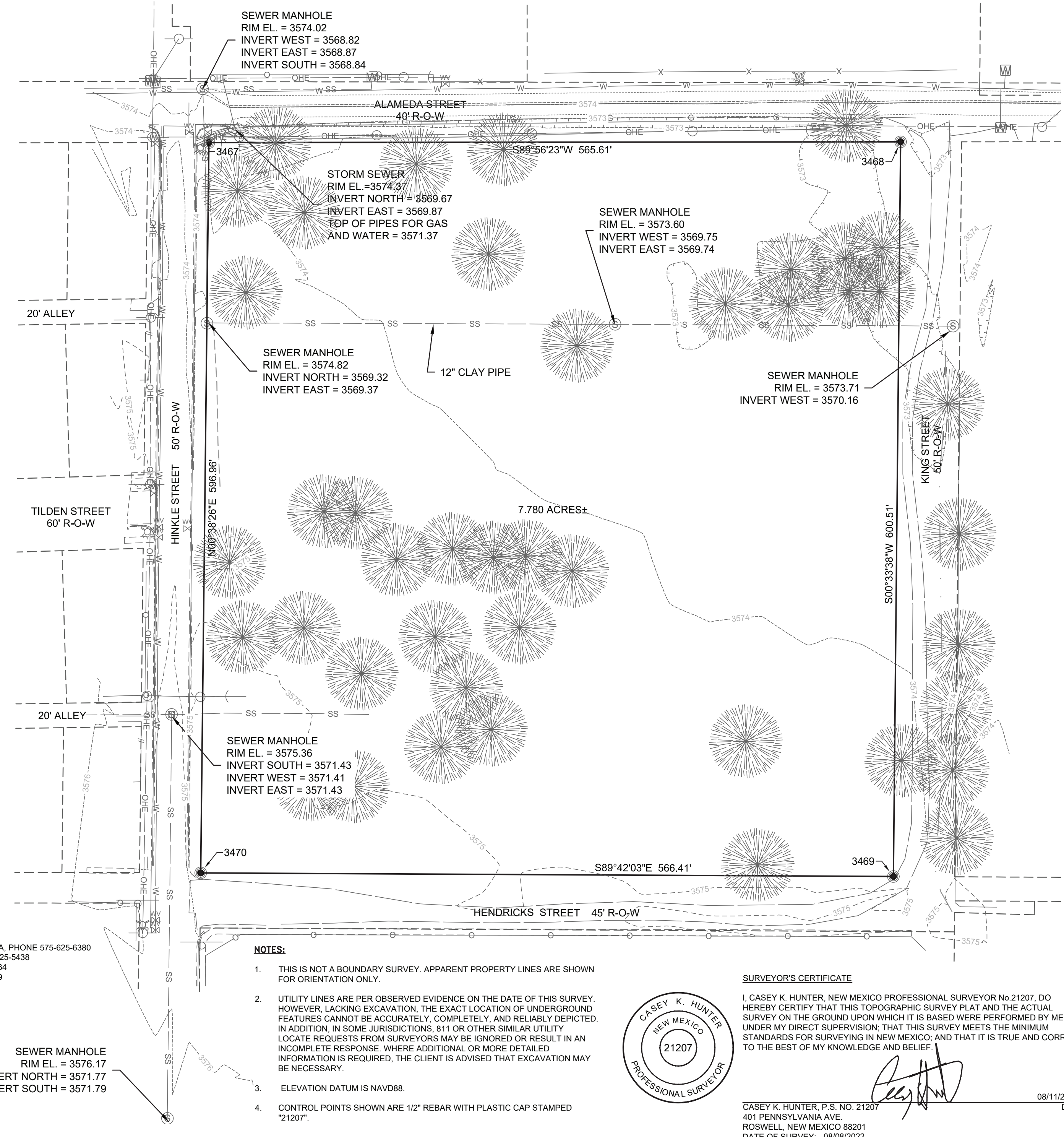
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UTILITY CONTACTS:
 NEW MEXICO GAS COMPANY - DANNY MENDOZA, PHONE 575-625-6380
 XCEL ENERGY - RALPH SANCHEZ, PHONE 575-625-5438
 CENTURYLINK - KIM SHIFFES, PHONE 575-291-5234
 SPARKLIGHT - CLINT RABY, PHONE 575-317-9879

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- NOTES:**
- THIS IS NOT A BOUNDARY SURVEY. APPARENT PROPERTY LINES ARE SHOWN FOR ORIENTATION ONLY.
 - UTILITY LINES ARE PER OBSERVED EVIDENCE ON THE DATE OF THIS SURVEY. HOWEVER, LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY, AND RELIABLY DEPICTED. IN ADDITION, IN SOME JURISDICTIONS, 811 OR OTHER SIMILAR UTILITY LOCATE REQUESTS FROM SURVEYORS MAY BE IGNORED OR RESULT IN AN INCOMPLETE RESPONSE. WHERE ADDITIONAL OR MORE DETAILED INFORMATION IS REQUIRED, THE CLIENT IS ADVISED THAT EXCAVATION MAY BE NECESSARY.
 - ELEVATION DATUM IS NAVD88.
 - CONTROL POINTS SHOWN ARE 1/2" REBAR WITH PLASTIC CAP STAMPED "21207".

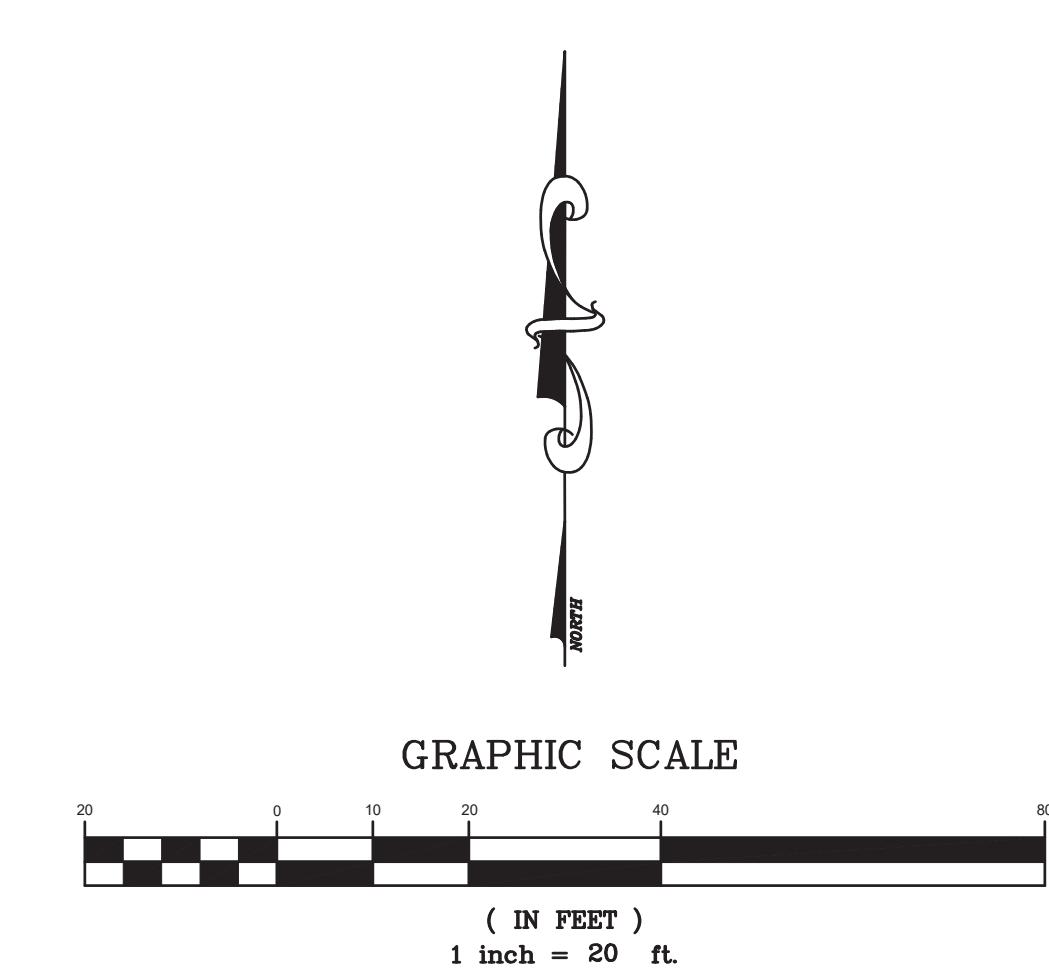
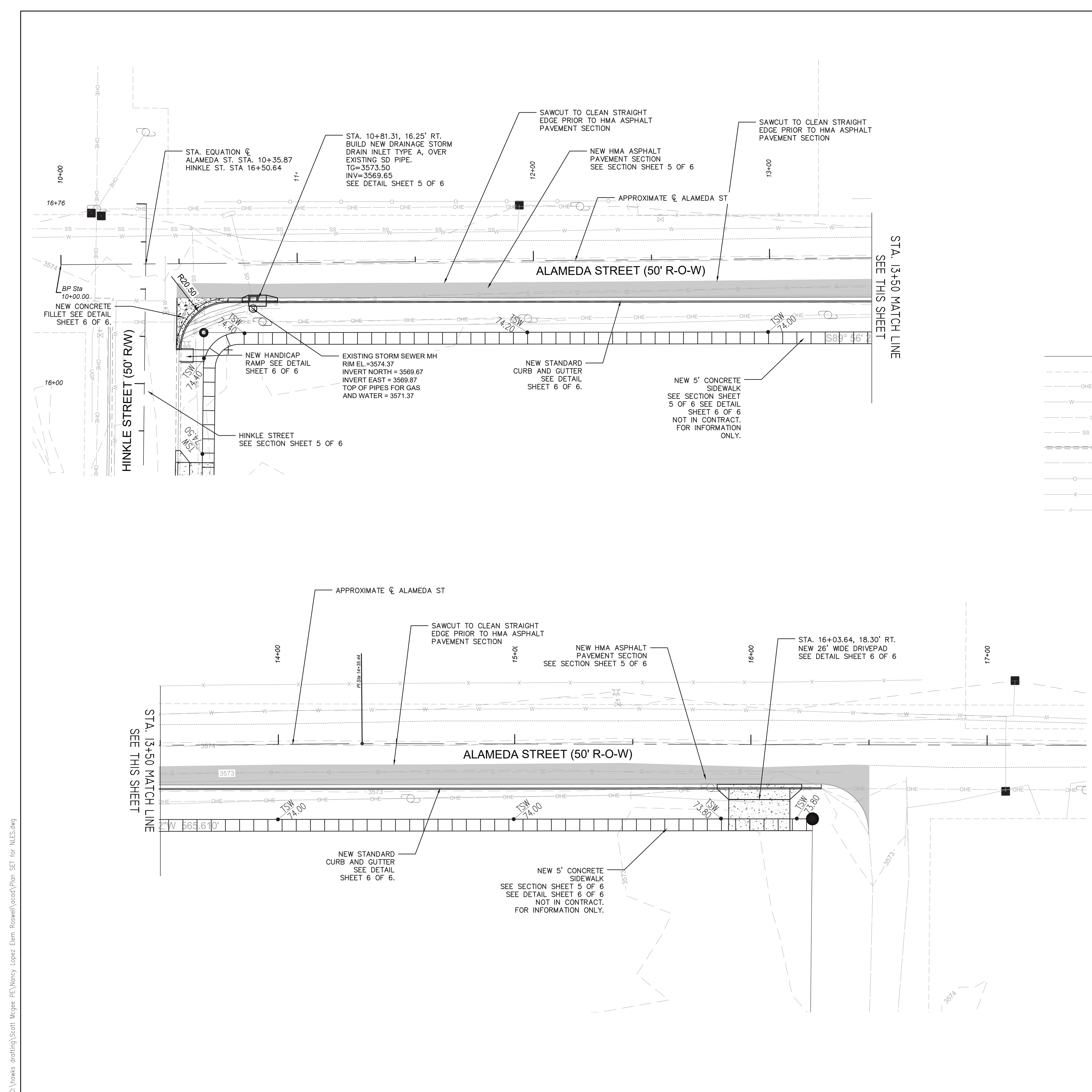


SURVEYOR'S CERTIFICATE

I, CASEY K. HUNTER, NEW MEXICO PROFESSIONAL SURVEYOR No. 21207, DO HEREBY CERTIFY THAT THIS TOPOGRAPHIC SURVEY PLAN AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CASEY K. HUNTER, P.S. NO. 21207
401 PENNSYLVANIA AVE.
ROSWELL, NEW MEXICO 88201
DATE OF SURVEY: 08/08/2022

08/11/2022 DATE

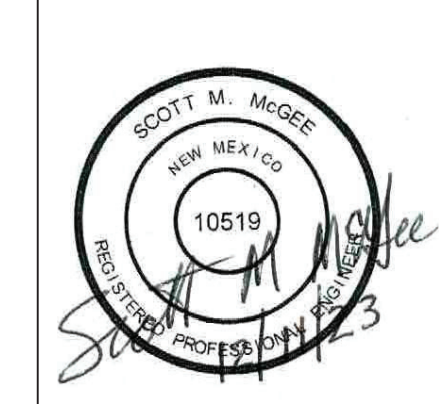


- LEGEND**
- PROPERTY LINE
 - - - ADJACENT PROPERTY LINE
 - OHE — OVERHEAD ELECTRIC LINE
 - W — WATER LINE
 - G — GAS LINE
 - SS — SANITARY SEWER LINE
 - C — CURB AND GUTTER
 - E — EDGE OF TWO-TRACK DIRT ROAD
 - X — CHAIN LINK FENCE
 - / — BARBED WIRE FENCE
 - // — WOOD FENCE
 - FOUND 1/2" REBAR WITH CAP
 - STAMPED "21207"/CONTROL POIN
 - STREET SIGN
 - UTILITY POLE
 - UTILITY POLE ANCHOR
 - SANITARY SEWER MANHOLE
 - WATER VALVE
 - WATER METER
 - FIRE HYDRANT

AS BUILT INFORMATION	
CONTRACTOR	DATE
WORK STAMPED BY	DATE
INSPECTOR'S APPROVAL	DATE
FIELD VERIFICATION BY	DATE
DRAWING CORRECTED BY	DATE
MICRO-FILM INFORMATION	DATE
RECORDED BY	DATE
NO.	

SURVEY INFORMATION	
FIELD NOTES	
BY	SMITH ENGINEERING
	AUGUST, 2022

REVISIONS/REMARKS	
NO.	DATE
DESIGNED BY:	SM 08/20/2023
DRAWN BY:	HD 08/20/2023
CHECKED BY:	SM 08/20/2023



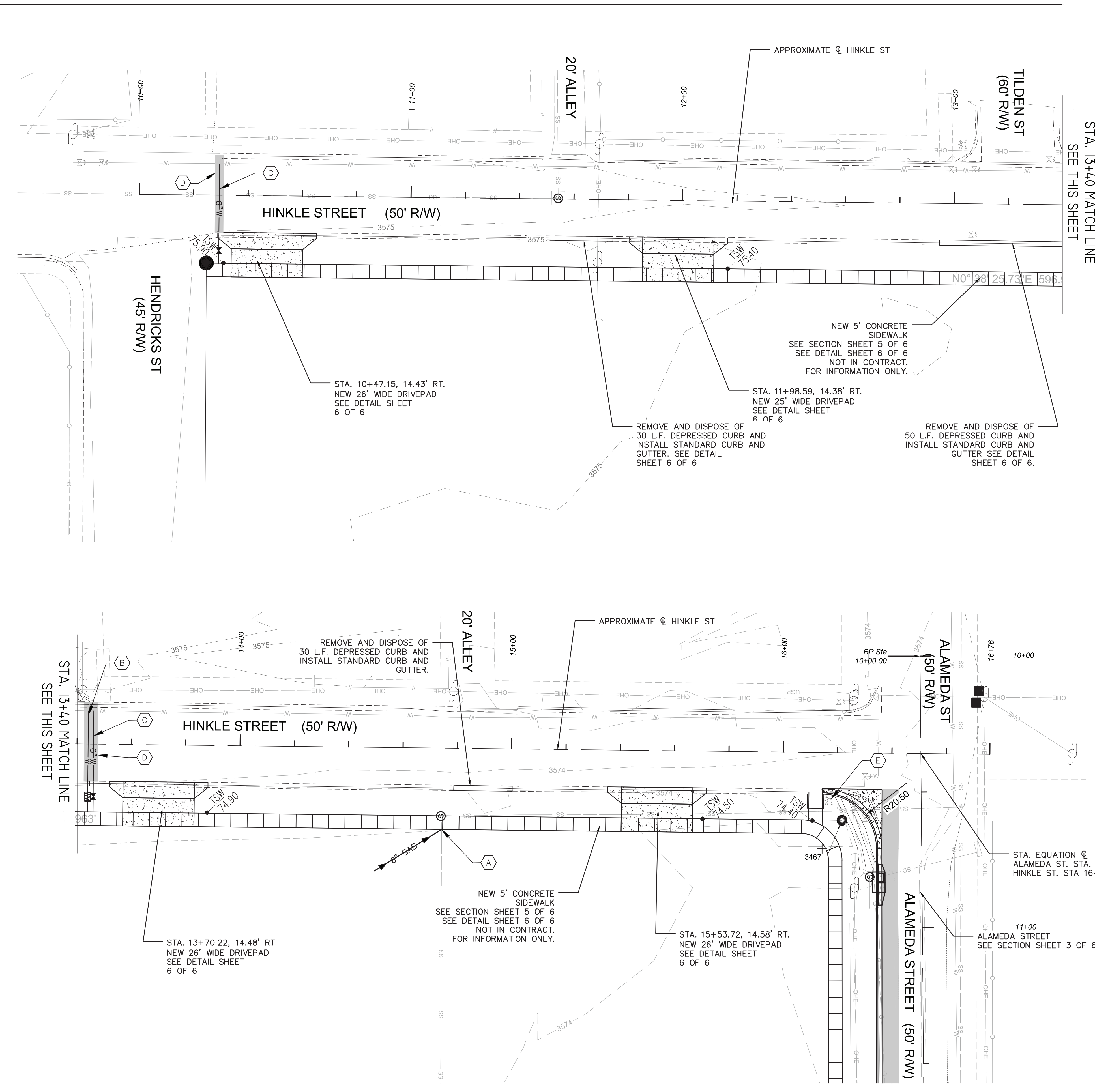
ROSWELL INDEPENDENT SCHOOL DISTRICT


TITLE: PUBLIC INFRASTRUCTURE PLANS FOR HINKLE AND ALAMEDA ST. ROSWELL, NM

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO. 1 DAY / 7 HR	NO. 2 DAY / 7 HR
CITY PROJECT NO.	ZONE MAP NO.	SHEET:	OF
XXXXXXX	XXXX	3	6

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GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft.

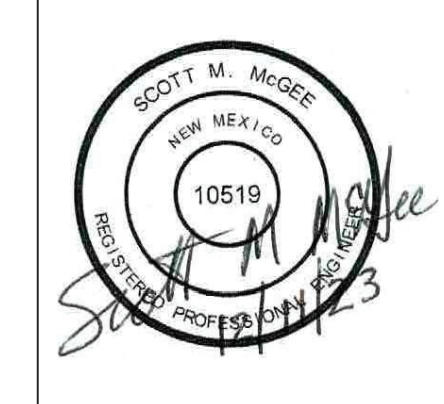
LEGEND

- PROPERTY LINE
- ADJACENT PROPERTY LINE
- OVERHEAD ELECTRIC LINE
- WATER LINE
- GAS LINE
- SANITARY SEWER LINE
- CURB AND GUTTER
- EDGE OF TWO-TRACK DIRT ROAD
- CHAIN LINK FENCE
- BARBED WIRE FENCE
- WOOD FENCE
- FOUND 1/2" REBAR WITH CAP
- STAMPED "21207"/CONTROL POINT
- STREET SIGN
- UTILITY POLE
- UTILITY POLE ANCHOR
- SANITARY SEWER MANHOLE
- WATER VALVE
- WATER METER
- FIRE HYDRANT

- PROPOSED 6" WATER LINE
- PROPOSED 6" SANITARY SEWER LINE
- PROPOSED 2" WATER SERVICE LINE
- PROPOSED 6" GATE VALVE
- PROPOSED WATER METER

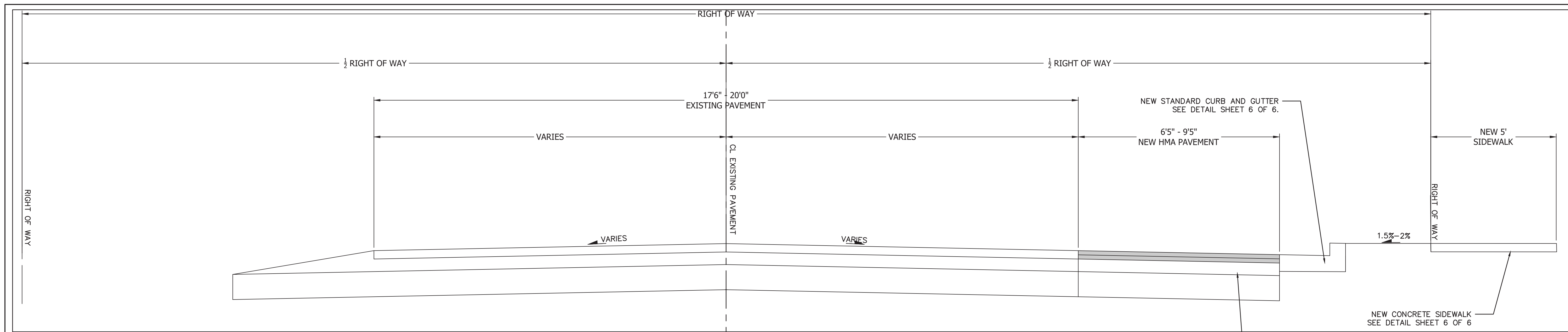
- UTILITY KEYED NOTES**
- A. INSTALL NEW 6" SANITARY SEWER SERVICE ONSITE PER UPC (LATEST EDITION) AT 1% MIN. SLOPE. CONNECT TO EXISTING 8" SEWER MAIN AS SHOWN JUST UPSTREAM OF EXISTING MANHOLE. SEE ONSITE UTILITY PLAN FOR CONTINUATION.
 - B. INSTALL NEW 40 L.F. 2" WATER SERVICE LINE TO PROPERTY LINE. INSTALL WATER METER PER ROSWELL STANDARDS. INSTALL 2" WATERLINE CAP AT PROPERTY LINE. SEE ONSITE UTILITY PLAN FOR CONTINUATION.
 - C. INSTALL NEW 6" FIRE LINE TO PROPERTY LINE. INSTALL 6" TEE, 6" GATE VALVE AND GATE VALVE BOX x 40 L.F. 6" FIRE LINE. INSTALL 6" WATERLINE CAP AT PROPERTY LINE. SEE ONSITE PLAN FOR CONTINUATION.
 - D. REMOVE AND REPLACE EXISTING ASPHALT PAVING AS NECESSARY TO INSTALL NEW UTILITIES. PLACE 4" ASPHALT PAVING OVER 6" AGGREGATE BASE COURSE ON 8" SUBGRADE PREPARATION COMPACTED TO 95% MAXIMUM DENSITY.
 - E. EXISTING PUBLIC FIRE HYDRANT TO REMAIN.

AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION	
CONTRACTOR	DATE	CONTRACTOR	DATE	FIELD NOTES	BY
XXX		XXX		SMITH ENGINEERING	SMITH ENGINEERING
WORK STAMPED BY	DATE	NAD 1983 Central Zone		FIELD NOTES	
INSPECTOR'S APPROVAL	DATE	X=XXX Y=XXX; U.S. Survey Feet		BY	
FIELD VERIFICATION BY	DATE	ELEV. =XXX (NAD 1988)		SMITH ENGINEERING	SMITH ENGINEERING
DRAWING CORRECTED BY	DATE			AUGUST, 2022	AUGUST, 2022
MICRO-FILM INFORMATION	DATE				
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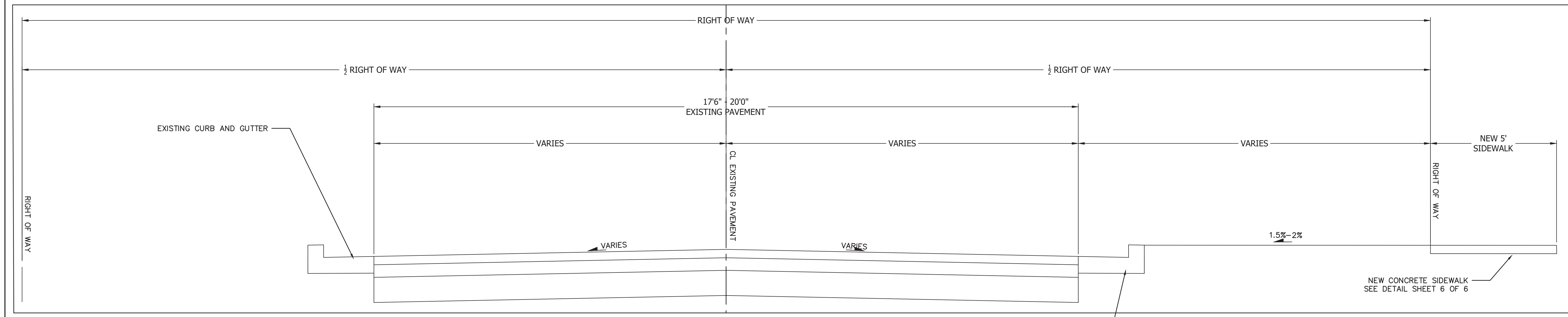


ROSWELL INDEPENDENT SCHOOL DISTRICT	
TITLE: PUBLIC INFRASTRUCTURE PLANS FOR HINKLE AND ALAMEDA ST. ROSWELL, NM	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
CITY PROJECT NO. XXXXXXXX	ZONE MAP NO. XXXX
SHEET: 4	OF 6

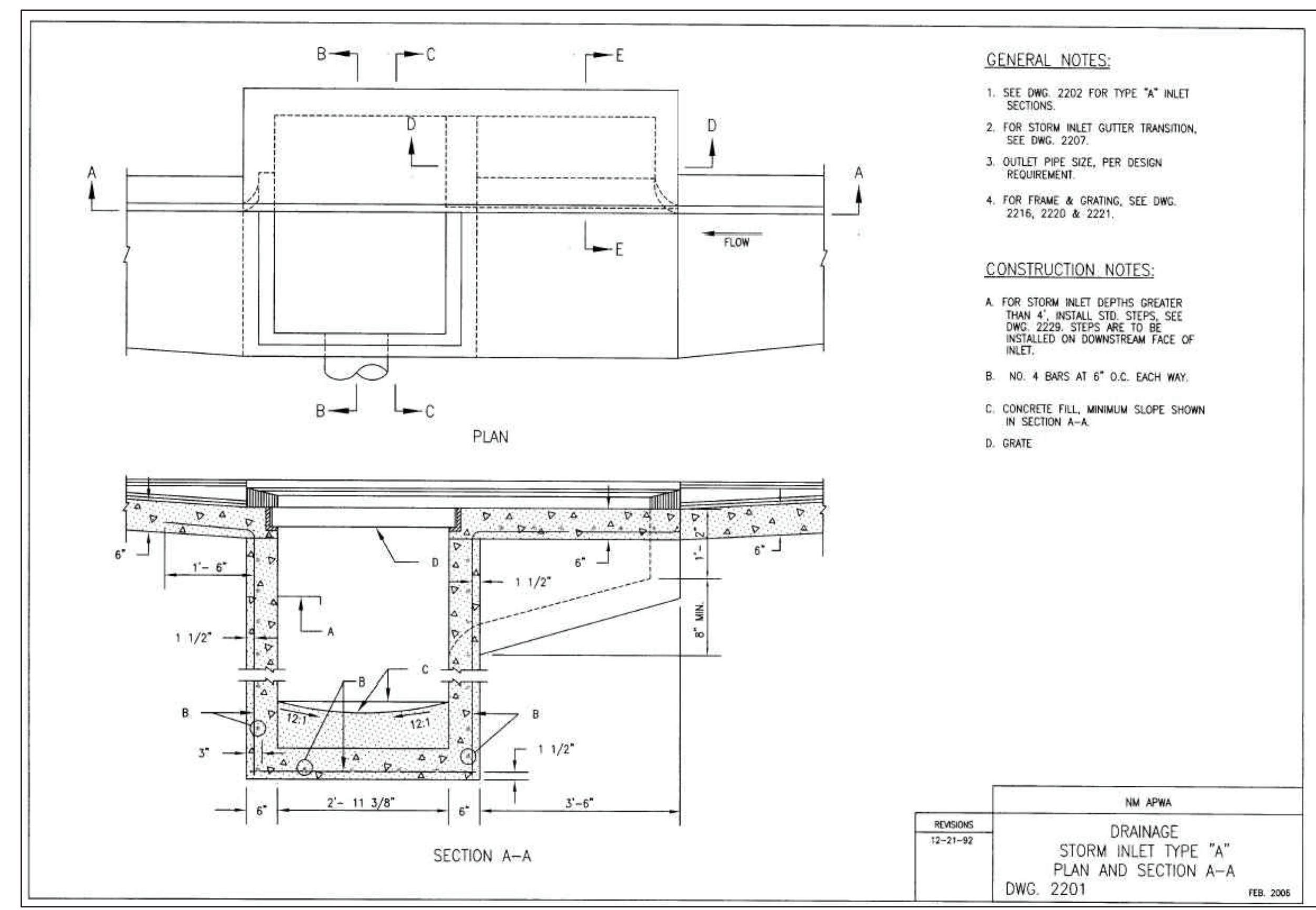
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TYPICAL SECTION A ALAMEDA ST.



TYPICAL SECTION A HINKLE ST.



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INSPECTOR'S APPROVAL	DATE
FIELD VERIFICATION BY	DATE
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MICRO-FILM INFORMATION	
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SURVEY INFORMATION	
FIELD NOTES	
BY	SMITH ENGINEERING
	AUGUST, 2022

REVISIONS/REMARKS	
NO.	DATE
BY	DATE
SM	08/20/2023
HD	08/20/2023
SM	08/20/2023



ROSWELL INDEPENDENT SCHOOL DISTRICT

TITLE: PUBLIC INFRASTRUCTURE PLANS FOR HINKLE AND ALAMEDA ST. ROSWELL, NM

DESIGN REVIEW COMMITTEE

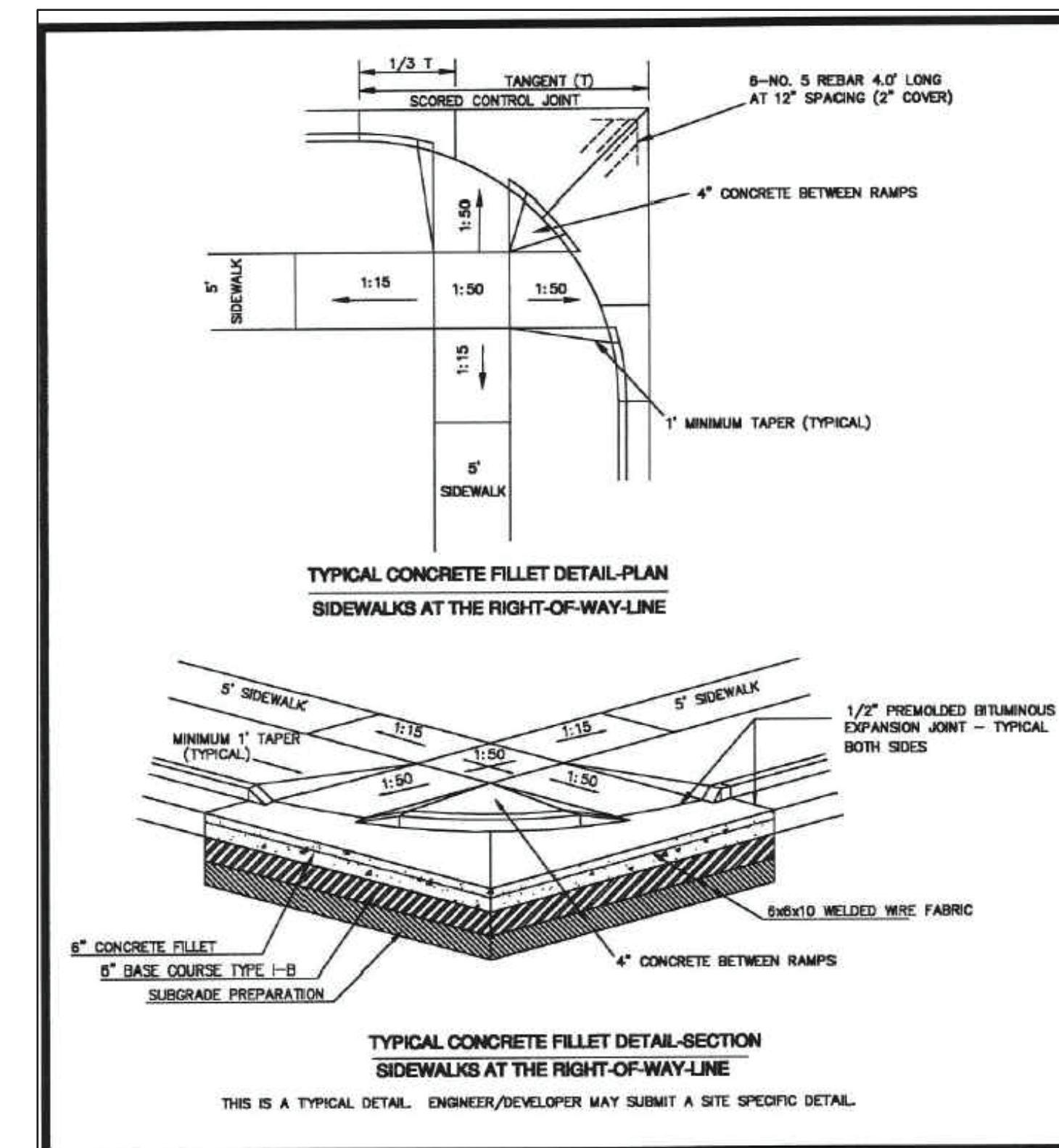
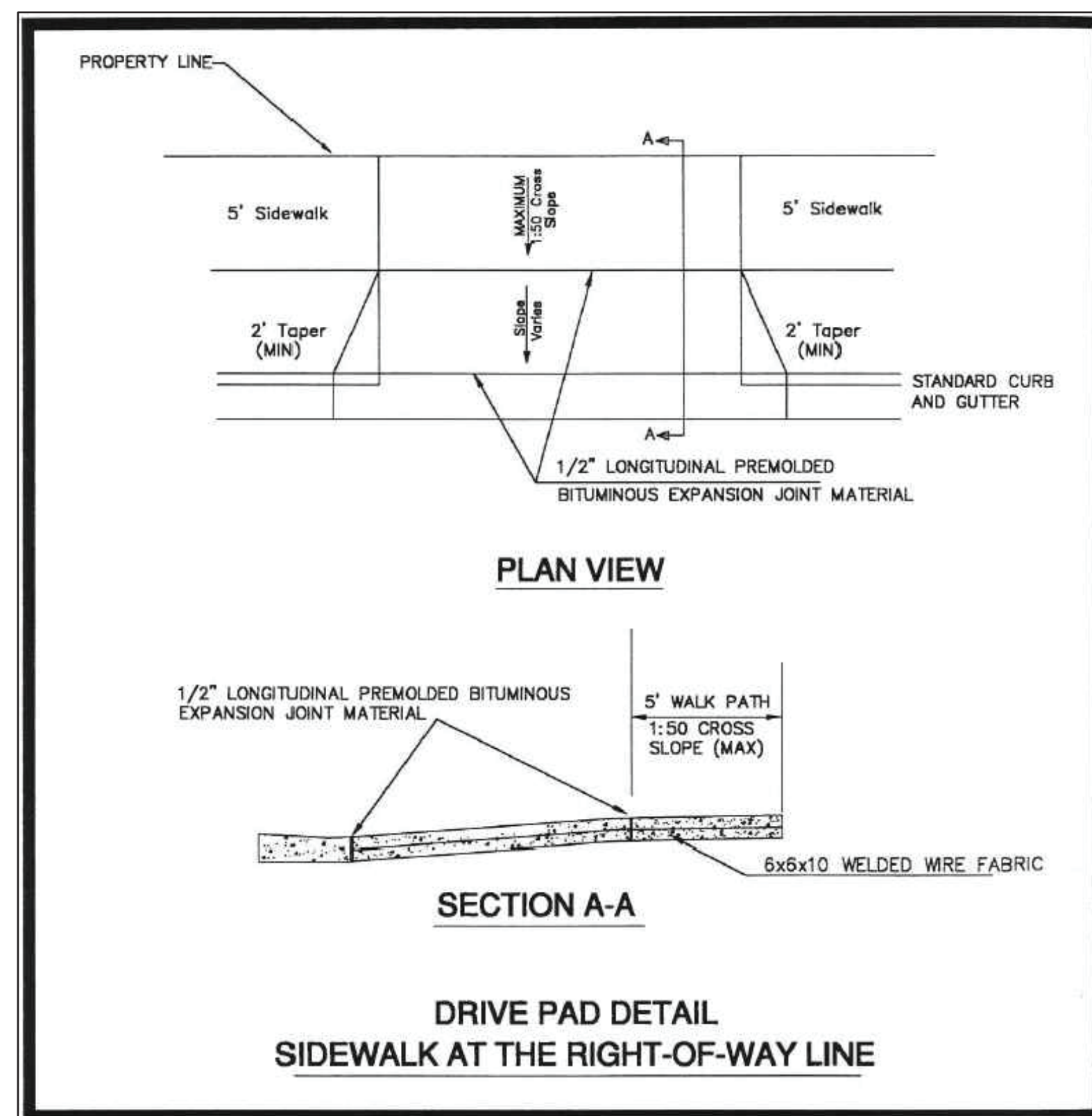
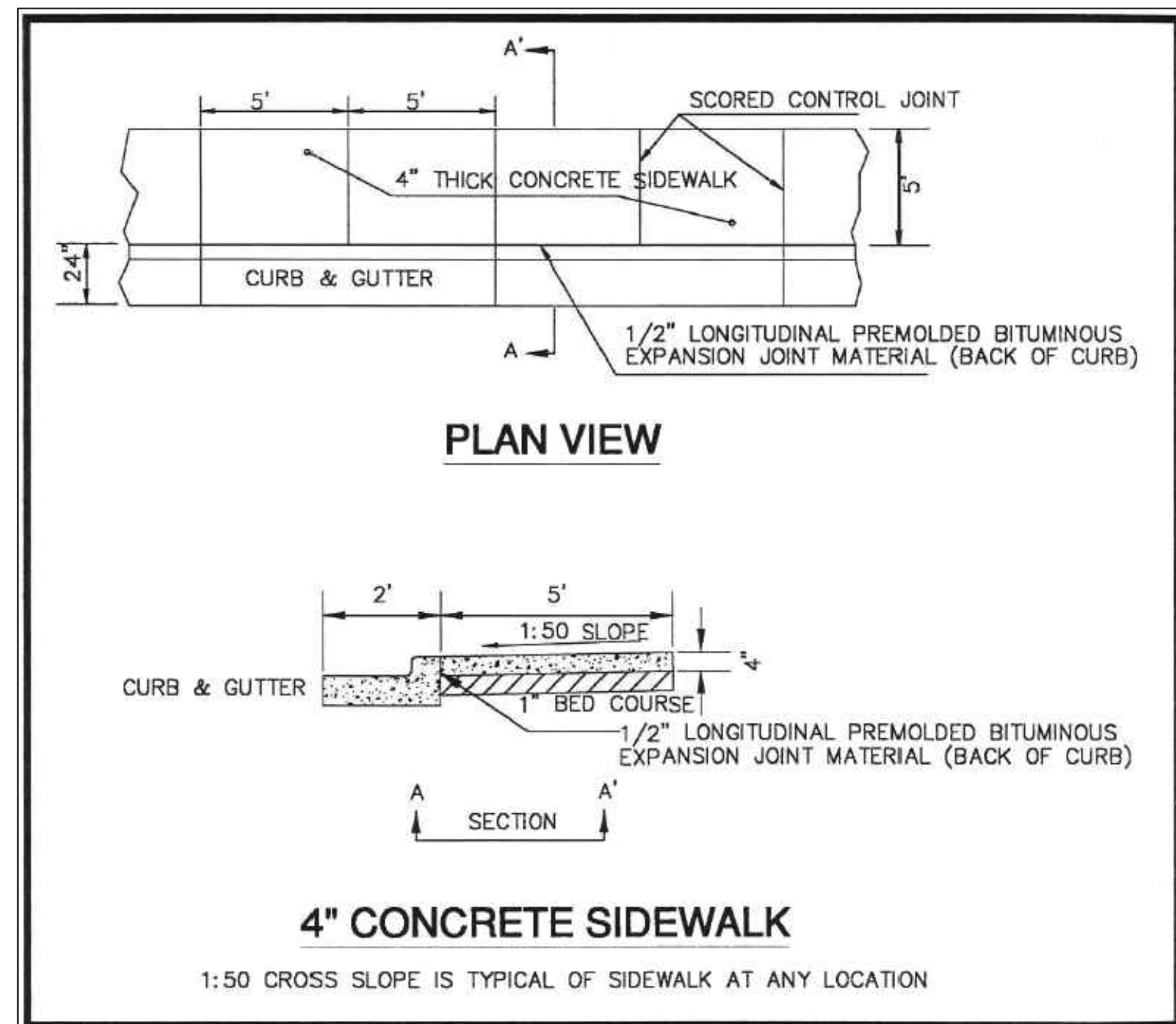
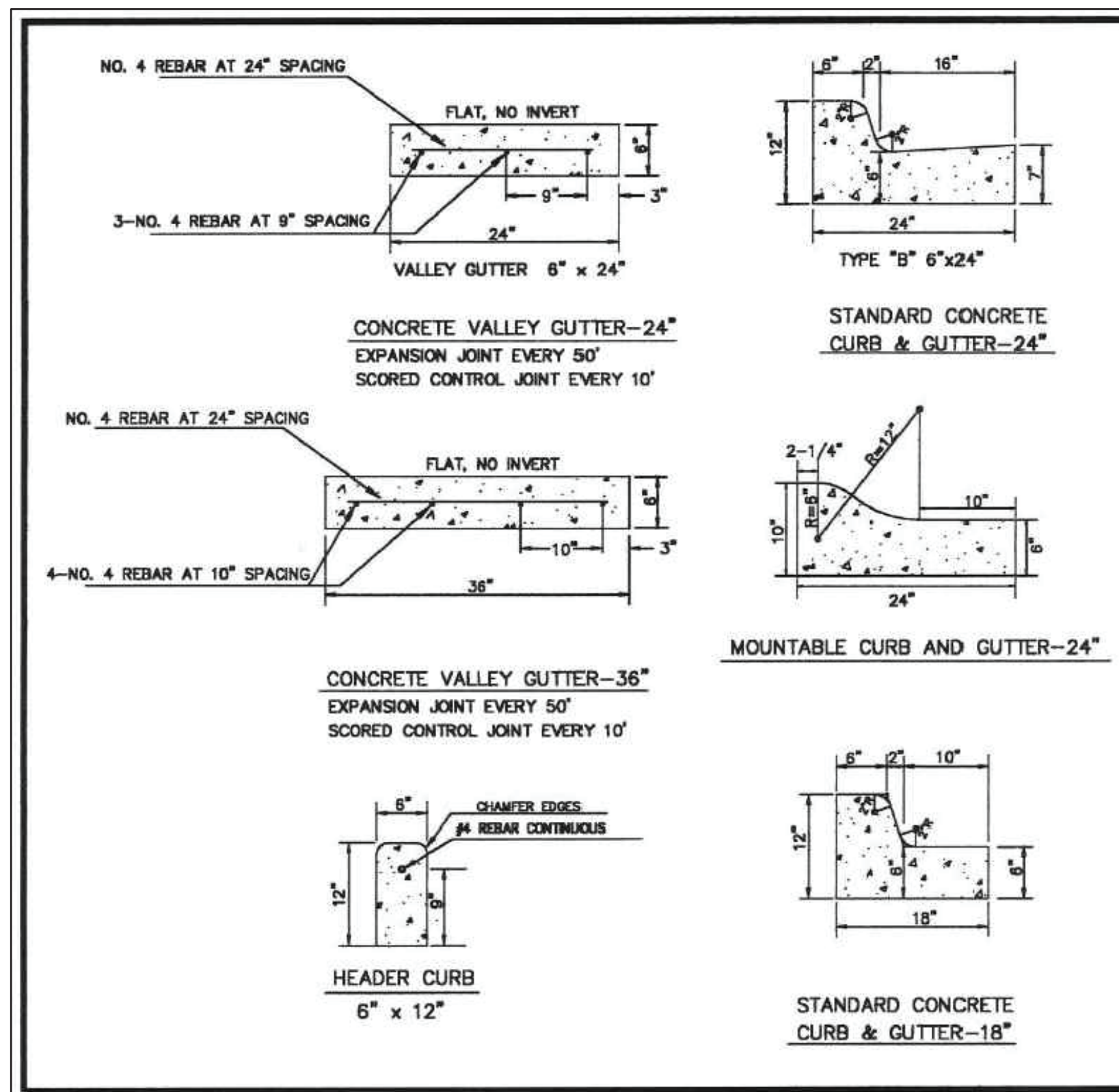
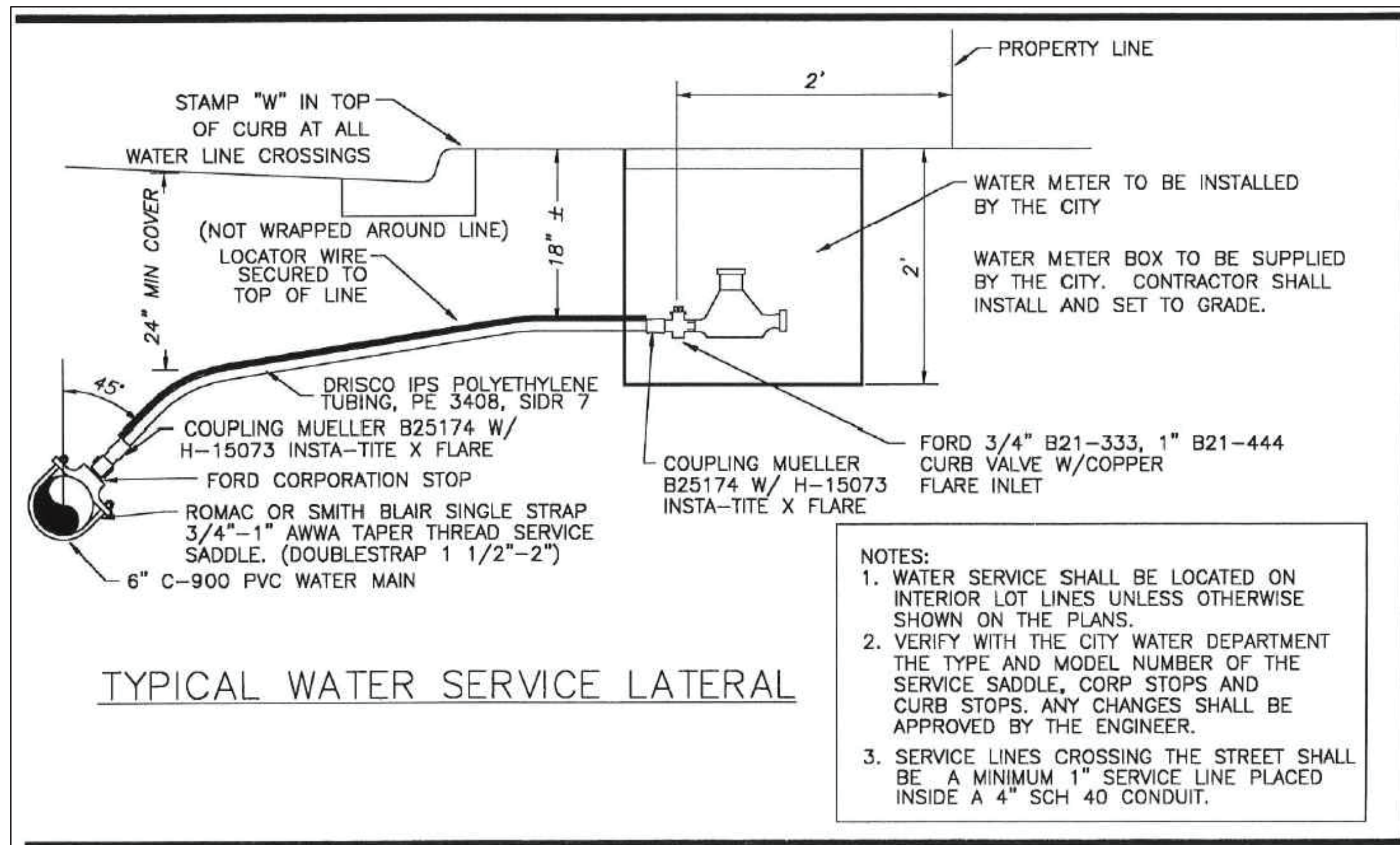
CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

CITY PROJECT NO. XXXXXXXX

ZONE MAP NO. XXXX

SHEET: 5 OF 6



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CONTRACTOR	DATE	CONTRACTOR	DATE	FIELD NOTES	NO.	DATE	NO.
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INSPECTOR'S APPROVAL	DATE	X=XXX Y=XXX; U.S. Survey Feet		SMITH ENGINEERING			
FIELD VERIFICATION BY	DATE	ELEV. =XXX (NAD 1983)		AUGUST, 2022			
DRAWING CORRECTED BY	DATE						
MICRO-FILM INFORMATION	DATE						
RECORDED BY	DATE						
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DRAWN BY:	HD	DATE:	08/20/2023
CHECKED BY:	SM	DATE:	08/20/2023

ROSWELL INDEPENDENT SCHOOL DISTRICT

TITLE: PUBLIC INFRASTRUCTURE PLANS FOR HINKLE AND ALAMEDA ST. ROSWELL, NM

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

CITY PROJECT NO. XXXXXXXX

ZONE MAP NO. XXXX

SHEET: 6 OF 6

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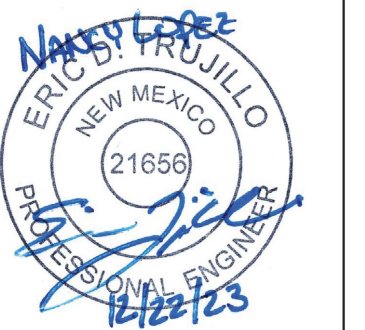
STRUCTURAL PLANS

NANCY LOPEZ ELEMENTARY SCHOOL

1600 E. TILDEN STREET, ROSWELL, NEW MEXICO 87203



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INDEPENDENT
SCHOOL
DISTRICT

ABBREVIATIONS

/	Per	FAB	Fabricate	OD	Outside Diameter
@	At	FF	Finished Floor	O.F.	Outside Face
AB	Anchor Bolt	FLG	Flange	OPNG	Opening
ADDNL	Additional	FLR	Floor	OPP	Opposite
ADJ	Adjacent	FDTN	Foundation	PAF	Powder Actuated Fastener
AFF	Above Finish Floor	FO	Face Of	PC	Precast
ALT	Alternative	FP	Full Penetration	PEN	Penetration
APA	American Plywood Association	FRMG	Framing	PERP	Perpendicular
APPROX	Approximate	FS	Far Side	PL	Plate
ARCH	Architect or Architectural	FT	Foot or Feet	PLF	Pounds Per Lineal Foot
		FTG	Footing	PREFAB	Prefabricated
B/, B.O.	Bottom of	FV	Field Verify	PRELIM	Preliminary
BG	Backgouge			PS	Prestressed
BLDG	Building	GA	Gage or Gauge	PSF	Pounds Per Square Foot
BLKG	Blocking	GALV	Galvanized	PSI	Pounds Per Square Inch
BM	Beam	GL	Glu-lam	PT	Pressure Treated
BN	Boundary Nail	GR	Grade		
BOT or B	Bottom	GR BM	Grade Beam	QTY	Quantity
BOF	Bottom of Footing	HAS	Headed Anchor Stud	RAD or R	Radius
BOS	Bottom of Steel	HD	Hold Down	RC	Reinforced Concrete
BRG	Bearing	HOG	Hot Dipped Galvanized	RE:	or REF Refer to (Reference)
BMT	Basement	HK	Hook	REINF	Reinforce(ing)(d)(ment)
BTWN	Between	HORIZ	Horizontal	RET	Return
		HT	Height	REQD	Required
CC	Center to Center	HVAC	Heating-Ventilating and A/C	REQT(S)	Requirement(s)
CG	Center of Gravity			RO	Rough Opening
CIP	Cast-In-Place	ID	Inside Diameter	(S)	Salvaged
CJ	Control Joint	I.F.	Inside Face	SCHED	Schedule
CJP	Complete Joint Penetration	IN	Inch	SEC	Section
CL	Centerline	INT	Interior	SIM	Similar
CLG	Ceiling	IT	Precast Inverted Tee Beam	SLH	Short Leg Horizontal
CLR	Clear	JST	Joist	SLV	Short Leg Vertical
CMU	Concrete Masonry Unit	JT	Joint	SOG	Slab on Grade
COL	Column	K	Kip	SP @	Space At
CONC	Concrete	KSI	Kips per Square Inch	SP	Space(s)
CONN	Connection			SPCL	Special
CONST	Construction	L or LG	Length	SPECS	Specifications
CONT	Continue or Continuous	LB (S)	Pound(s)	SPRT	Support
CONTR	Contractor	LL	Live Load	SS	Stainless Steel
COORD	Coordinate	LLH	Long Leg Horizontal	STD	Standard
CSJ	Construction Joint	LLV	Long Leg Vertical	STIFF	Stiffener
CTR(D)	Center(ed)	LOC (S)	Location(s) or Locate	STL	Steel
d	Penny	LONG	Longitudinal	STR	Structural
DBL	Double	LSL	Laminated Strand Lumber	SW	Shearwall
DEG	Degree	LT	Light	SYM	Symmetrical
DIA or Ø	Diameter	LT WT	Light Weight	T&B	Top & Bottom
DIAG	Diagonal	LVL	Level or Laminated Veneer Lumber	T	Top
DIM	Dimension	LWC	Light Weight Concrete	T/	Top of
DL	Dead Load	MAS	Masonry	TH	Thick or Thickness
DN	Down	MATL	Material	Th.ROD	Threaded Rod
DP	Drilled Pier	MAX	Maximum	TL	Total Load
DT	Precast Double Tee	MBS	Metal Building Supplier	T.O.	Top of
DTL (S)	Detail(s)	MCH	Masonry Control Joint	TOC	Top of Concrete
DWL(S)	Dowel(s)	MECH	Mechanical	TOF	Top of Footing
EXIST	Existing	MEP	Mechanical/Electrical/Plumbing	TOM	Top of Masonry
EA	Each	MIL(S)	Millimeter(s)	TOPG	Topping
EC	Epoxy Coated	MIN	Minimum	TOS	Top of Steel
EE	Each End	MISC	Miscellaneous	TOW	Top of Wall
EF	Each Face	ML	Micro-Lam	TRANS	Transverse
EJ	Expansion Joint	MNFR	Manufacturer	TYP	Typical
EL	Elevation	MO	Masonry Opening	ULT	Ultimate
EMBED	Embedded	MTL	Metal	UNO	Unless Noted Otherwise
EN	Edge Nail			VERT	Vertical
ENGR	Engineer	N	North	VIF	Verify In Field
EOR	Engineer-of-Record	NS	Non-Shrink or Near Side	W/O	Without
EOS	Edge of Slab	NIC	Not in Contact	W/	With
EQ	Equal	NO or #	Number	WD	Width or Wood
EQ SP	Equally Spaced	NOM	Nominal	WF	Wide Flange
EQUIP	Equipment	NTS	Not To Scale	WT	Weight
ES	Each Side	NWC	Normal Weight Concrete	WWR	Welded Wire Reinforcement
EW	Each Way	OAE	Or Approved Equivalent		
EXP ANCH	Expansion Anchor	OC	On Center		
EXP	Expansion	OCEW	On Center Each Way		
EXT	Exterior				

LEGEND

Width x Height	SYMBOL	DESCRIPTION
		ELEVATION SYMBOL
		HOLD DOWN LOCATION
		HELICAL PILE LOCATION
		KEYED NOTE
		DRAWING REVISION NUMBER
		CURRENT REVISION CLOUD
		SUBGRADE
		RIGID INSULATION
		CAST IN PLACE CONCRETE
		DETAIL CUT
		SHEET REFERENCE
		BEAM
		FOOTING

PLAN INDEX

S001	PLAN INDEX; LEGEND; ABBREVIATIONS
S002	OUTLINE SPECIFICATIONS
S003	TYPICAL DETAILS
S101	FOUNDATION PLAN - EAST
S102	FOUNDATION PLAN - WEST
S201	ROOF FRAMING PLAN - EAST
S202	ROOF FRAMING PLAN - WEST
S301	FOUNDATION DETAILS
S401	FRAMING DETAILS
S402	FRAMING DETAILS
S403	FRAMING DETAILS

CD	DATE	PERMIT

MARK	DATE	DESCRIPTION

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PSFA JOB NO. P19-010
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SHEET TITLE

PLAN INDEX;
LEGEND;
ABBREVIATIONS

SHEET NO.
S-001

STRUCTURAL OUTLINE SPECIFICATIONS NANCY LOPEZ ELEMENTARY SCHOOL, ROSWELL, NEW MEXICO 87203

PSFA PROJ. NO.: P19-010

I. DESIGN CRITERIA & GENERAL NOTES

- A. Design Codes and Manuals:
- 2021 International Building Code (IBC)
 - ASCE 7-16, Minimum Design Loads for Buildings and Other Structures
 - AISC Manual of Steel Construction, Latest Edition
 - ACI 318-19, Building Code Requirements for Reinforced Concrete
 - American Society for Testing and Materials (ASTM)
 - American Welding Society (AWS) D1.1, "Structural Welding Code - Steel", Latest Edition.

B. VERTICAL DESIGN LOADS:

- Live Roof Loads
 - Roof.....20 PSF
- Snow Loads
 - Roof Snow Load.....20 PSF
 - Ground Snow Load, p_g20 PSF
- Dead Loads
 - Roof.....20 PSF

C. HORIZONTAL DESIGN LOADS:

- Wind Loads
 - Risk Category III
 - Exposure "C"
 - Ultimate Design Wind Speed (V) - (3 SECOND GUST) - 112 MPH
 - Design Wind Pressures for Components and Cladding:
 $H = 10$ ft, Effective Wind Area = 10 sf
 - Roof:
 - Zone 1 $p = -37.07$ psf / +9.47 psf
 - Zone 1' $p = -21.30$ psf / +9.47 psf
 - Zone 2 $p = -48.91$ psf / +9.47 psf
 - Zone 3 $p = -66.65$ psf / +9.47 psf
 - Roof Overhang:
 - Zone 1 $p = -36.86$ psf
 - Zone 2 $p = -48.91$ psf
 - Zone 3 $p = -66.65$ psf
 - Walls:
 - Zone 4 $p = -25.24$ psf / +23.27 psf
 - Zone 5 $p = -31.16$ psf / +23.27 psf
 - $H = 19$ ft, Effective Wind Area = 10 sf
 - Roof:
 - Zone 1 $p = -38.82$ psf / +9.91 psf
 - Zone 1' $p = -22.30$ psf / +9.91 psf
 - Zone 2 $p = -51.21$ psf / +9.91 psf
 - Zone 3 $p = -69.79$ psf / +9.91 psf
 - Roof Overhang:
 - Zone 1 $p = -38.82$ psf
 - Zone 2 $p = -51.21$ psf
 - Zone 3 $p = -69.79$ psf
 - Walls:
 - Zone 4 $p = -26.43$ psf / +24.36 psf
 - Zone 5 $p = -32.62$ psf / +24.36 psf
 - $H = 32$ ft, Effective Wind Area = 10 sf
 - Roof:
 - Zone 1 $p = -43.18$ psf / +11.02 psf
 - Zone 1' $p = -24.80$ psf / +11.02 psf
 - Zone 2 $p = -56.96$ psf / +11.02 psf
 - Zone 3 $p = -77.63$ psf / +11.02 psf
 - Roof Overhang:
 - Zone 1 $p = -43.18$ psf
 - Zone 2 $p = -56.96$ psf
 - Zone 3 $p = -77.63$ psf
 - Walls:
 - Zone 4 $p = -29.40$ psf / +27.10 psf
 - Zone 5 $p = -36.29$ psf / +27.10 psf

- Seismic Loads
 - IBC Site Classification "D"
 - Risk Category III
 - Seismic Importance Factor: 1.0
 - Mapped Spectral Response Accelerations
 - Short period: $S_s = 0.092$
 - 2 Second period: $S_1 = 0.039$
 - Spectral Response Coefficients
 - Short period: $S_Ds = 0.098$
 - 2 Second period: $SD1 = 0.062$
 - Seismic Design Category: "A"
 - Basic Seismic-Force-Resisting System: Light framed walls sheathed with wood structural panels rated for shear resistance.
 - Seismic Response Coefficient: $C_s = 0.01885$
 - Response Modification Factor: $R = 6.5$
 - Analysis Procedure Used = Equivalent Lateral Force Procedure

D. GENERAL NOTES

- Drawings
 - Do not scale drawings
 - See architectural, mechanical, electrical, and plumbing drawings for exact location and arrangement of any pads, support frames, etc., required for mechanical and electrical equipment and not with other trades concerning plates, anchors, notches, etc., to be placed in concrete.
 - Any conflict between the structural drawings and specifications, and/or other discipline plans and/or specifications shall be brought to the attention of the architect prior to proceeding with the work affected.
 - Contractor shall verify all edge form setting dimensions as well as the location of elevation changes, off-sets, brick ledges, and block-outs with other disciplines and notify this office of any discrepancies that may exist prior to commencing construction.
- OPENINGS
 - Openings, sleeves, etc., to be placed through any structural member shall first be approved by the structural engineer. Sleeves shall be provided for openings prior to placing of concrete. Cutting of hardened concrete shall not be permitted except by special structural approval which will be on an individual basis.
 - The contractor shall provide all measures necessary to protect the structure during construction. Such measures shall include, but not be limited to bracing and shoring for loads due to hydrostatic, earth, wind or seismic forces, construction equipment, etc. Observation visits to the site by the structural engineer shall not include inspection of the above items.
 - The cost of additional field and office work necessitated by requests by the contractor for an option, or due to errors or omissions in construction, shall be borne by the contractor. Options are for the contractor's convenience; he shall be responsible for all changes necessary if he chooses an option, and he shall coordinate all details.

E. Foundation Notes

- Geotechnical engineering study and recommendations for this project has been prepared by Terracon Consultants Inc, project number 682125053, dated February 17, 2023.
 - Important additional information concerning specific soil conditions is contained in this report and shall be reviewed prior to the start of construction.
 - Design is based on recommendations provided by the geotechnical engineering study:
 - Allowable soil Bearing Pressure = 2000 psf
 - Frost Depth / Minimum Exterior Footing Embedment = 24"
 - Requirements for granular base and capillary (vapor) barriers are specified in this report. Areas where the capillary barriers are required shall be coordinated with the architect prior to construction. The barrier shall have a minimum thickness of 10 mils and shall conform to the requirements of ACI 302.1R-04.

- The contractor shall be responsible for providing positive water drainage away from structures, during and after construction.
 - It is important to understand that the performance of the foundation is linked directly to the consistency of the moisture content in the soil. The geotechnical engineering study provides recommendations for natural ground preparation, remedial earthwork, drainage, grading, and landscaping.
- The geotechnical engineering study contains specific requirements concerning clearing and grubbing, site, subfloor and bearing surface preparation, structural fill requirements, compaction requirements, and drainage and sloping requirements not necessarily shown on these drawings. Refer any conflicts between these drawings and the report to the architect for direction prior to beginning any work.
 - The contractor shall engage and bear the cost of a geotechnical engineer or designated representative to monitor site preparation, foundation construction and retaining wall construction. The geotechnical engineer shall provide continuous on-site observation by experienced personnel during construction of controlled earthwork. The contractor shall notify the geotechnical engineer at least two working days in advance of any field operations of controlled earthwork or of any resumption of operations after stoppages. Tests of fill materials and embankments shall be made in accordance with the recommendations for observation and testing provided within the geotechnical recommendations, and at the following suggested minimum rates:
 - At least one moisture-density (proctor) test, Atterberg limits test, and percent finer than #200 sieve test should be performed per each subgrade soil type and engineered fill material. The geotechnical engineer must review the test results for conformance with specifications and approve of fill materials and their intended use, prior to construction.
 - A minimum of one field density and moisture test should be performed per 2000 square feet of building pad fill or pavement subgrade per each 1 foot of compacted fill thickness (or at least one test per each 1 foot of compacted fill thickness in each area worked per day if smaller sections).
 - A minimum of one field density and moisture test should be performed per 50 linear feet of foundation excavation bottom prior to placement of reinforcing steel and concrete (or at least one test per area worked per day if smaller sections).
 - A minimum of one field density and moisture test should be performed per 100 linear feet of retaining wall backfill and/or utility trench backfill per each 1 foot of compacted fill thickness (or at least one test per each 1 foot of compacted fill thickness in each area worked per day if smaller sections).

- Slab and beam bolsters and hi-chairs shall have vinyl-tipped turned-up legs where soffits/underside of slab is exposed.
- All field bending of reinforcing shall be done cold. Heating of bars will not be permitted.
- Unless otherwise indicated, splice reinforcing as follows:
 - Reinforcing Bars.....48 Bar Diameters
 - Welded Wire Fabric....."6"

D. WALLS

- Exposed site walls, retaining walls, and stem walls greater than 30 feet in length shall have control joints installed and spaced no greater than 25 feet on center. Install joints within 10 feet of all wall corners.
- Contractor shall submit to architect, final locations of all control joints for approval, prior to construction.

E. SLAB-ON-GROUND CRITERIA

- Strict adherence to the specified water-to-cement ratio of 0.45 is required. Water shall not be added to the mix at the time of placement.
- Shrinkage shall not exceed 0.02% per ASTM C 157 at 28 days. Shrinkage-compensating concrete shall conform to the recommendations of ACI 223.
- Moist curing of slabs-on-ground is required.
- Care shall be taken to prevent water intrusion into the subgrade both prior to and after slab pours.
- Contractor joints (control joints) shall be installed on all concrete slabs on grade. Verify locations of all joints with Architect prior to placing concrete. The joints shall be spaced no further than 36 times the slab thickness or 15 ft. L or T shapes be avoided when placing crack control joints. If the shape of the area contained by the crack control joints is not square, the aspect ratio of this area should not exceed 1.5 to 1. The control joints should be placed such that they are continuous and not staggered or offset. Placement shall be in accordance with ACI 302.1.
 - The timing of early entry slab saw cuts is critical to slab curing performance. Saw cuts for control joints (contraction joints) shall be made at the earliest possible time so that the concrete will support the weight of saw cutting equipment and operations. The timing of early entry slab saw cuts shall vary between 1 hour in hot weather and 4 hours in cold weather. Early entry dry cut saws shall use a skip plate to prevent spalling.
 - Early entry dry cut saw should be 1 inch into the depth of the slab. The slab shall be cut to ¼ of the slab depth to deepen the 1-inch nominal early entry saw cut within 24 hours.
 - A construction or smooth doweled saw cut contraction joint shall be placed at a maximum of 125 ft.
 - All joints shall be filled to the full joint depth with semi-rigid joint filler in areas exposed to vehicular traffic. Overfill joint and trim joint filler flush with top of joint after hardening.
- Concrete containing air-entraining admixture shall not be trowel finished.

F. CONCRETE PLACEMENT & TESTING

- Unless otherwise indicated, five test cylinders shall be made every fifty cubic yards of concrete or fraction thereof on each day's pour. One cylinder shall be tested at 7 days and three at 28 days. The remaining cylinder shall be held in reserve as a spare. The making and testing of cylinders shall be conducted by an approved testing laboratory; contractor shall bear the cost of testing.
 - Before test sampling and placing concrete, water may be added at Project site, subject to limitations of ACI 301.
 - Do not add water to concrete after adding high-range water-reducing admixtures to mixture.
- Consolidate placed concrete with mechanical vibrating equipment according to ACI 301.
- Do not use vibrators to transport concrete inside forms. Insert and withdraw vibrators vertically at uniformly spaced locations to rapidly penetrate placed layer and at least 6 inches into preceding layer. Do not insert vibrators into lower layers of concrete that have begun to lose plasticity. At each insertion, limit duration of vibration to time necessary to consolidate concrete and complete embedment of reinforcement and other embedded items without causing mixture constituents to segregate.
- Maintain ALL reinforcement in position on chairs during concrete placement.

G. COLD WEATHER CONCRETING

- All cold weather concrete work shall meet the requirements of ACI Committee 306, latest edition for cold weather concreting, if, for 3 consecutive days the average daily temperature drops below 40°F and stays below 50°F for more than one-half of any 24-hour period.
 - Do not use frozen materials containing ice or snow.
 - Do not place concrete on frozen subgrade or on subgrade containing frozen materials.
 - The use of calcium chloride, salt, or other materials containing antifreeze agents or chemical accelerators is not permitted; the contractor shall utilize a high early strength mix design.
- Hot weather concreting
 - All hot weather concrete work shall be in accordance with ACI 301. Maintain concrete temperature below 90°F at time of placement. Chilled mixing water or chopped ice may be used to control temperature, provided water equivalent of ice is calculated to total amount of mixing water.
 - Fog-spray forms, steel reinforcement, and subgrade just before placing concrete. Keep subgrade uniformly moist without standing water, soft spots, or dry areas.

H. HOT WEATHER CONCRETING

- Embedded conduit
 - Embedded conduits and/or pipes shall not be installed in slabs or columns, unless approved by the structural engineer, prior to construction.
 - Conduits and/or pipes shall be protected against rusting. Aluminum conduits and/or pipes shall not be embedded in concrete.
- Reinforced masonry
 - Unit design and construction per National Concrete Masonry Association.
 - Concrete Masonry Units.....ASTM C90
 - Design Masonry Compressive, f_m1,500 PSI
 - Mortar shall be type "M" or "S"
 - Type "M" = 2500 PSI at 28 days
 - Type "S" = 1800 PSI at 28 days
 - Grout for reinforced masonry - $f_c = 3,000$ PSI @ 28 days. Grout to be an 8-bag mix per cu. yd. with 8" to 9" slump.
 - All masonry shall be installed in a running bond pattern unless otherwise noted on structural drawings.
 - All cells containing reinforcing steel shall be grouted solid.
 - Foundation dowels shall be provided to match all vertical steel locations in masonry walls and shall allow for a splice length of 48 bar diameters.
- All steel shall be braced against movement prior to grouting by bar positioners or an approved alternate.
 - Blocks should not be moistened before grouting.
- All masonry head joints, or end joints must be filled solidly with mortar for a distance in from the face of the wall no less than the thickness of the longitudinal face shells.
- To ensure proper placement of grout in vertical cells, cross webs must be fully bedded on mortar thus minimizing leakage.
 - The minimum continuous unobstructed cell area must not be less than 2" x 4" = 8 in. sq. and mortar fins must be removed before grouting.
- Mortar droppings must be kept out of cells which are to be grouted.
- Clean out holes are not required unless grouting is done in more than 4'-8" lifts.
- Bars need not be tied at splices but should be separated by not less than the nominal diameter of the bar, nor less than 1 in.
- All vertical reinforcement shall be in place and secured with bar positioners prior to grouting.
- All grout shall be puddled or rodded to ensure cells are completely filled.
- Grout placement stopped for one hour or more should be stopped 1 1/2" below the top of the masonry unit to provide key for subsequent grouting.

I. EMBEDDED CONDUIT

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L. ALL STEEL SHALL BE BRACED AGAINST MOVEMENT PRIOR TO GROUTING BY BAR POSITIONERS OR AN APPROVED ALTERNATE.

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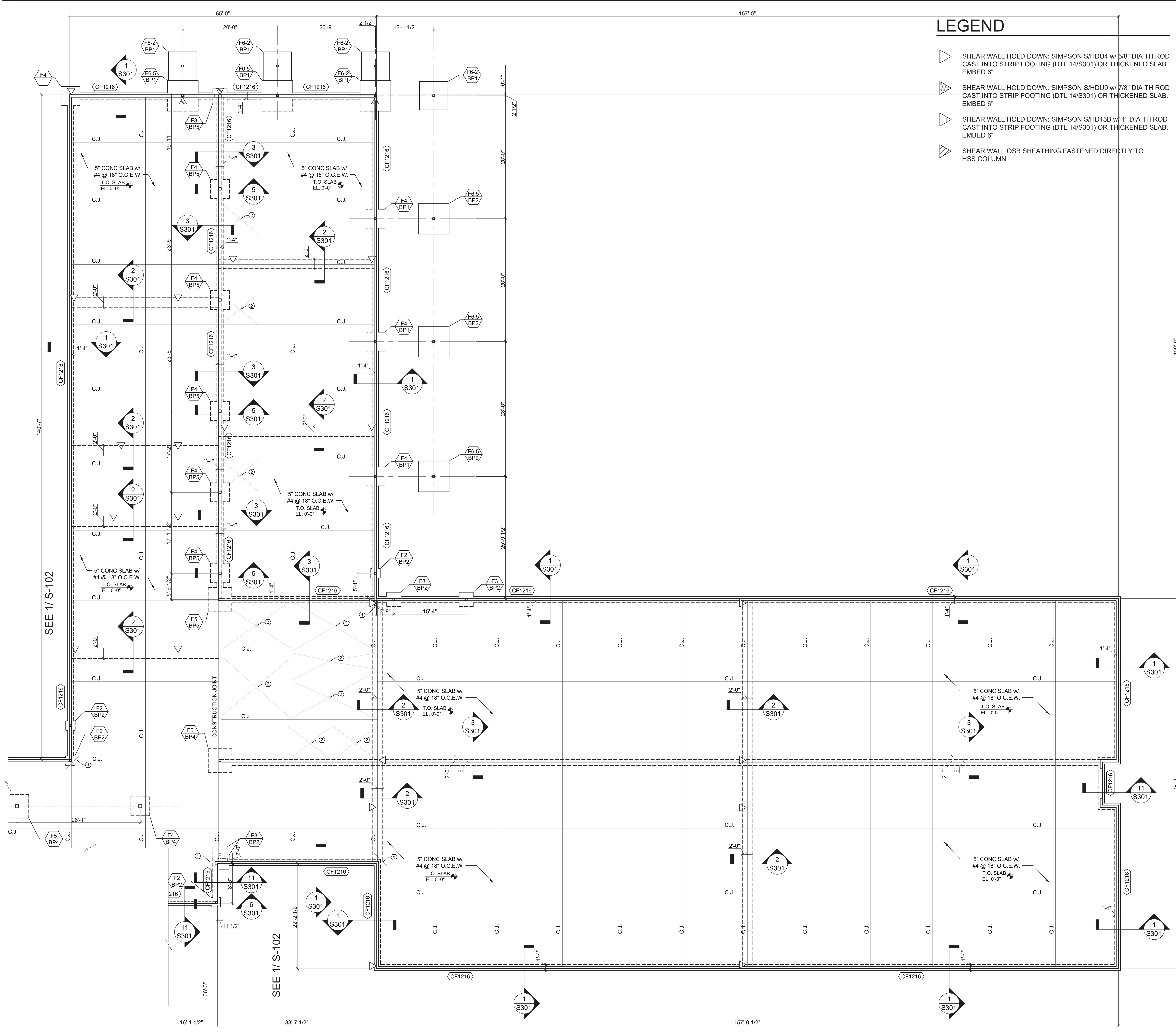
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LEGEND

- ▶ SHEAR WALL HOLD DOWN: SIMPSON S/HDU4 w/ 5/8" DIA TH ROD CAST INTO STRIP FOOTING (DTL 14/S301) OR THICKENED SLAB. EMBED 6"
- ▶ SHEAR WALL HOLD DOWN: SIMPSON S/HDU9 w/ 7/8" DIA TH ROD CAST INTO STRIP FOOTING (DTL 14/S301) OR THICKENED SLAB. EMBED 6"
- ▶ SHEAR WALL HOLD DOWN: SIMPSON S/HD15B w/ 1" DIA TH ROD CAST INTO STRIP FOOTING (DTL 14/S301) OR THICKENED SLAB. EMBED 6"
- ▶ SHEAR WALL OSB SHEATHING FASTENED DIRECTLY TO HSS COLUMN

GENERAL NOTES

- A. TURN DOWN CONCRETE SLAB EDGE AT PERIMETER COLUMN LOCATIONS AS REQUIRED TO COVER COLUMN BASE PLATE. REF DETAIL 6/S301

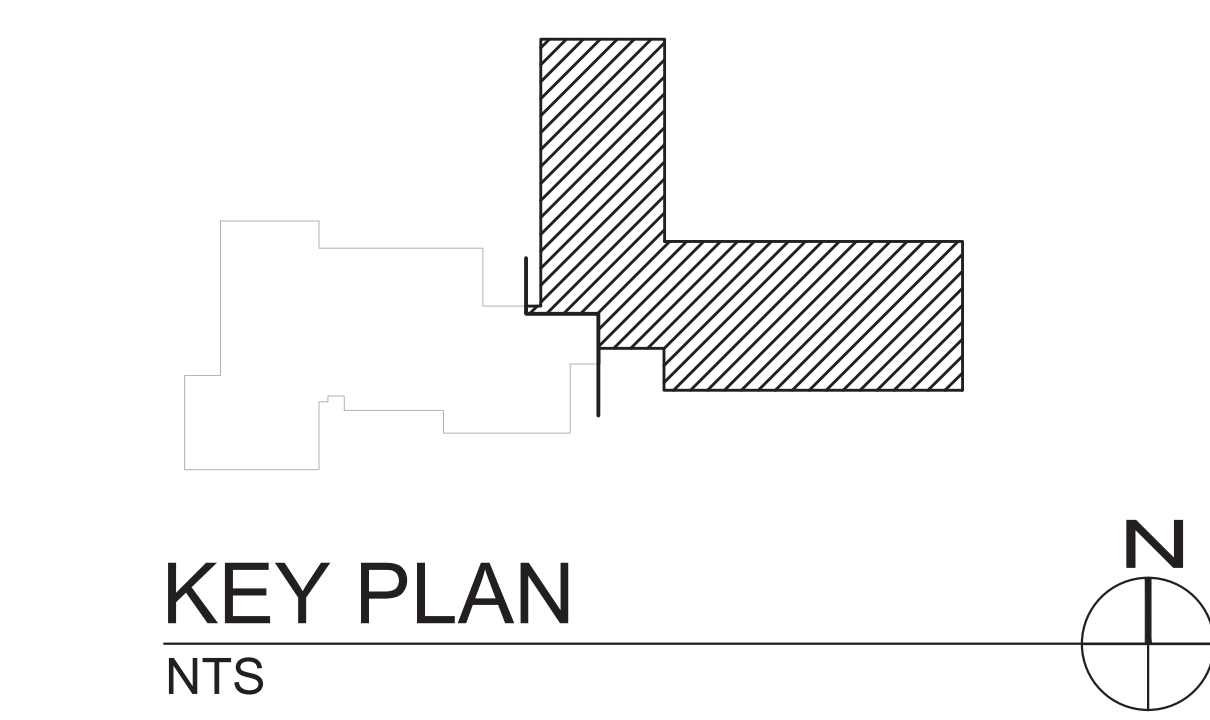
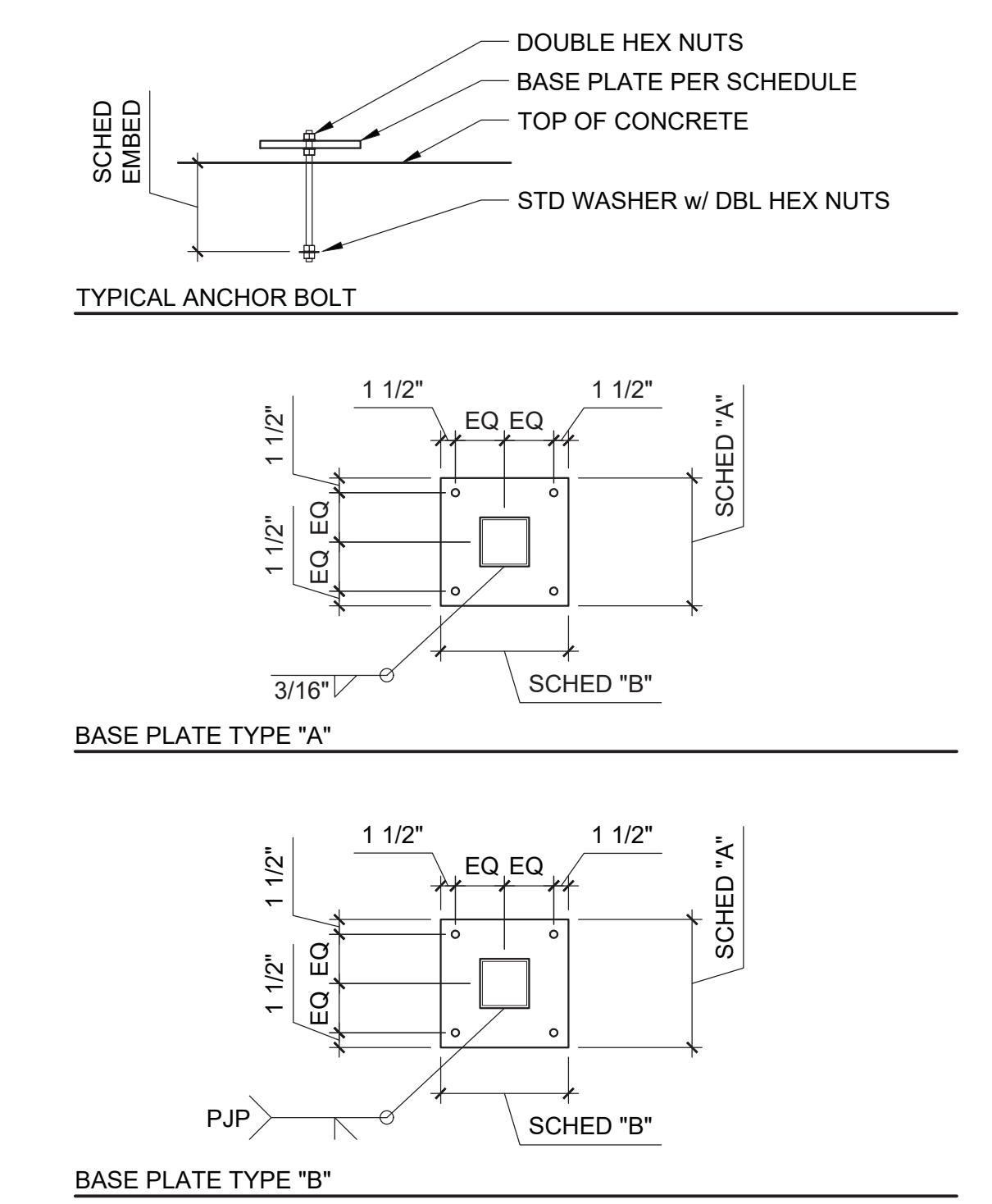
KEYED NOTES:

1. (2) #4 x 4'-0" ADDITIONAL REINF. AT RE-ENTRANT CORNERS
2. FLOOR DRAIN, SLOPE SLAB TO DRAIN. COORDINATE EXACT DRAIN LOCATION w/ ARCH AND PLUMBING. SEE DETAIL 3/S-003

CONTINUOUS FOOTING SCHEDULE			
MARK	SIZE	REINFORCING	
		CONTINUOUS	TRANSVERSE
CF1216	1'-0" D x 1'-4" W	(3) #4	#4 @ 48" O.C.
CF1224	1'-0" D x 2'-0" W	(3) #4	#4 @ 24" O.C.

FOOTING SCHEDULE			
MARK	SIZE	REINFORCING	
		CONTINUOUS	TRANSVERSE
F2	2'-0" SQ x 1'-0" D	(3) #4 EACH WAY	
F3	3'-0" SQ x 1'-0" D	(3) #5 EACH WAY	
F4	4'-0" SQ x 1'-0" D	(4) #5 EACH WAY	
F5	5'-0" SQ x 1'-0" D	(5) #5 EACH WAY	
F6.5	6'-6" SQ x 1'-0" D	(6) #5 EACH WAY	
F6-2	6'-0" SQ x 2'-0" D	(5) #5 EACH WAY TOP & BOT	

BASE PLATE SCHEDULE			
MARK	TYPE	SIZE	F1554
			ANCHOR BOLTS
BP1	B	PL 3/4"x11"x11"	(4) 3/4" DIA x 9"
BP2	A	PL 3/4"x11"x11"	(4) 3/4" DIA x 9"
BP3	A	PL 3/4"x15"x11"	(4) 3/4" DIA x 9"
BP4	A	PL 3/4"x15"x15"	(4) 3/4" DIA x 9"
BP5	A	PL 3/4"x12"x12"	(4) 3/4" DIA x 9"
BP6	C	PL 3/4"x10"x10"	(4) 3/4" DIA x 9"



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OWNER:
 ROSWELL
 INDEPENDENT
 SCHOOL DISTRICT

CD	DATE	DESCRIPTION

PA JOB NO.: 202121
 PSFA JOB NO.: P19-010
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 SHEET TITLE

EAST FOUNDATION PLAN
 SHEET NO.
 S-101

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

LEGEND

- ▷ SHEAR WALL HOLD DOWN: SIMPSON S/HDU4 w/ 5/8" DIA TH ROD CAST INTO STRIP FOOTING (DTL 14/S301) OR THICKENED SLAB. EMBED 6"
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GENERAL NOTES

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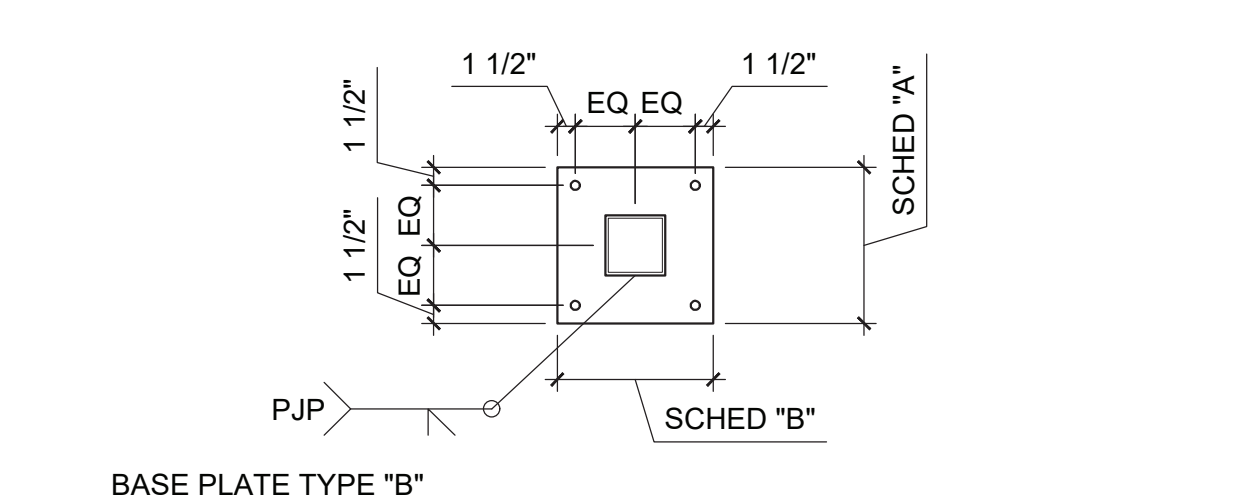
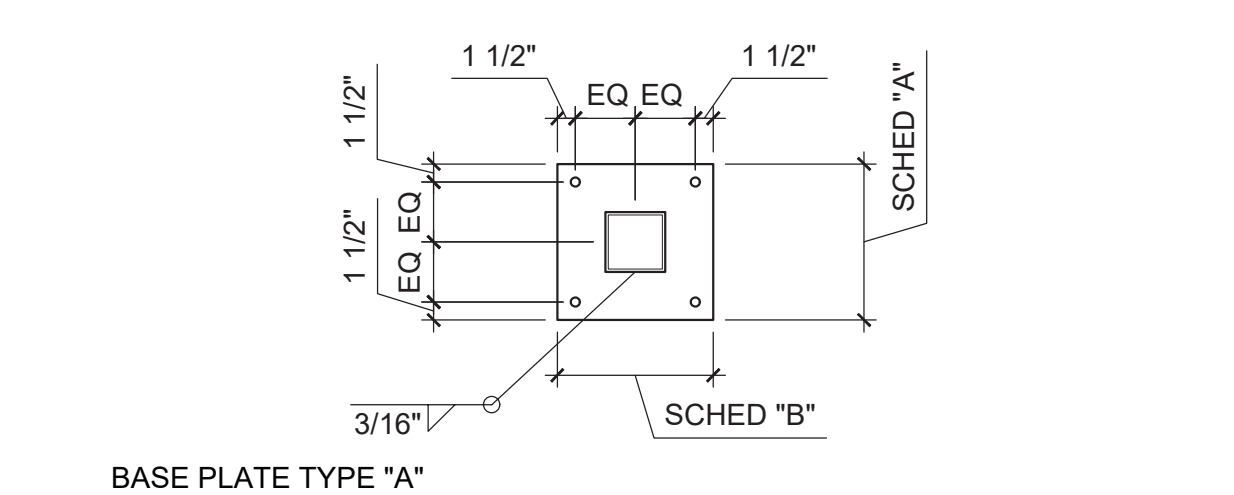
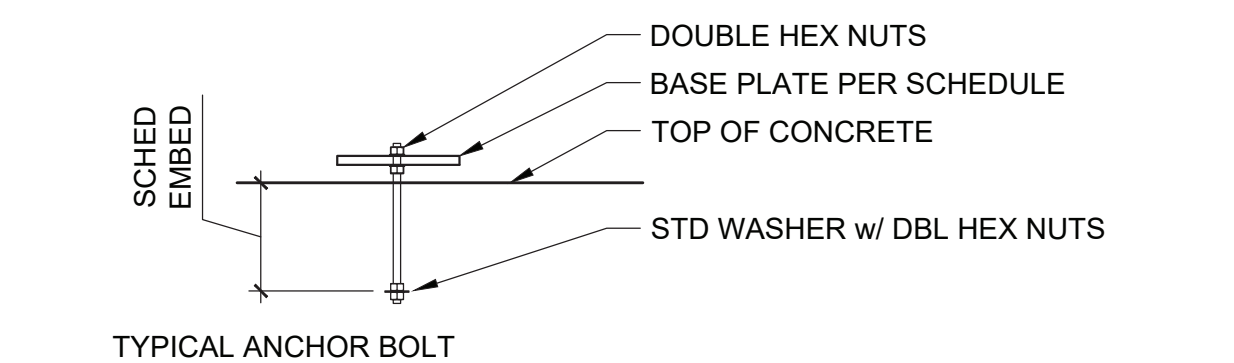
KEYED NOTES:

1. (2) #4 x 4'-0" ADDITIONAL REINF. AT RE-ENTRANT CORNERS
2. FLOOR DRAIN. SLOPE SLAB TO DRAIN. COORDINATE EXACT DRAIN LOCATION W/ ARCH AND PLUMBING. SEE DETAIL 3/S-003

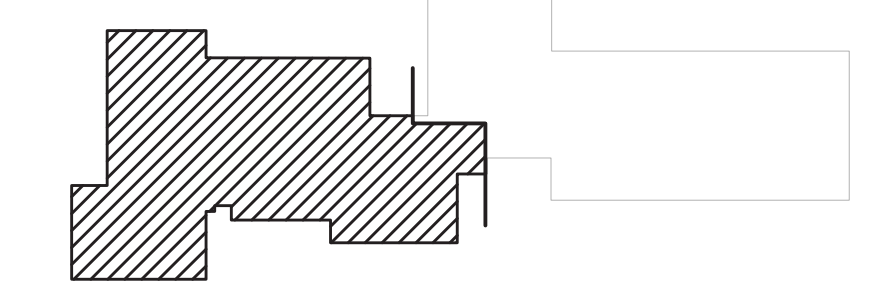
CONTINUOUS FOOTING SCHEDULE			
MARK	SIZE	REINFORCING	
		CONTINUOUS	TRANSVERSE
CF1216	1'-0" D x 1'-4" W	(3) #4	#4 @ 48" O.C.
CF1224	1'-0" D x 2'-0" W	(3) #4	#4 @ 24" O.C.
CF1232	1'-0" D x 2'-8" W	(4) #4	#4 @ 24" O.C.

FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
F2	2'-0" SQ x 1'-0" D	(3) #4 EACH WAY
F3	3'-0" SQ x 1'-0" D	(3) #5 EACH WAY
F4	4'-0" SQ x 1'-0" D	(4) #5 EACH WAY
F5	5'-0" SQ x 1'-0" D	(5) #5 EACH WAY
F6.5	6'-0" SQ x 1'-0" D	(6) #5 EACH WAY
F6-2	6'-0" SQ x 2'-0" D	(5) #5 EACH WAY TOP & BOT

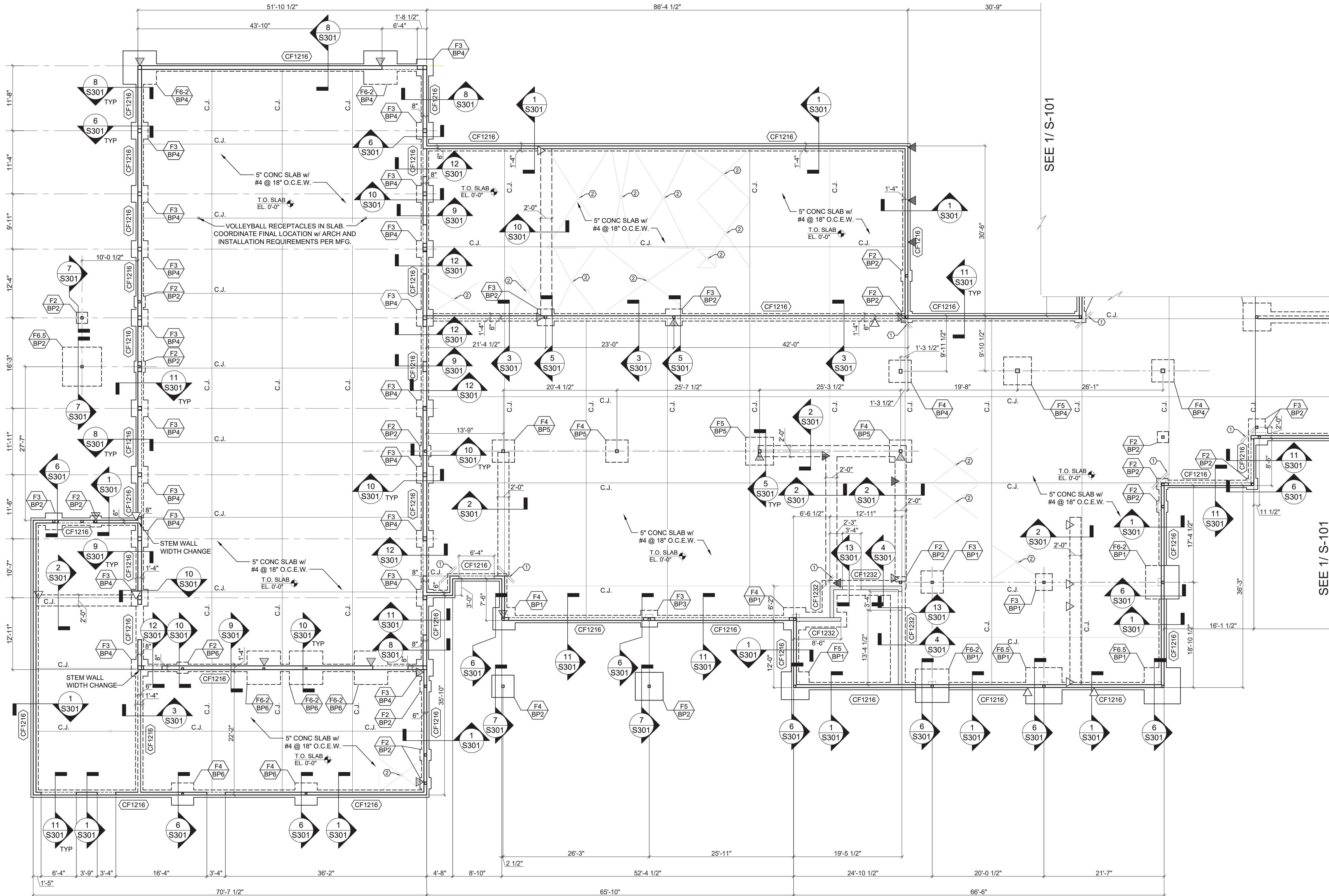
BASE PLATE SCHEDULE			
MARK	TYPE	SIZE "T" x "A" x "B"	F1554
			ANCHOR BOLTS
BP1	B	PL 3/4"x11"x11"	(4) 3/4" DIA x 9"
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BP5	A	PL 3/4"x12"x12"	(4) 3/4" DIA x 9"
BP6	A	PL 3/4"x10"x10"	(4) 3/4" DIA x 9"



CD	12.22.2003	FERRIT
MARK	DATE	DESCRIPTION



KEY PLAN
NTS



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

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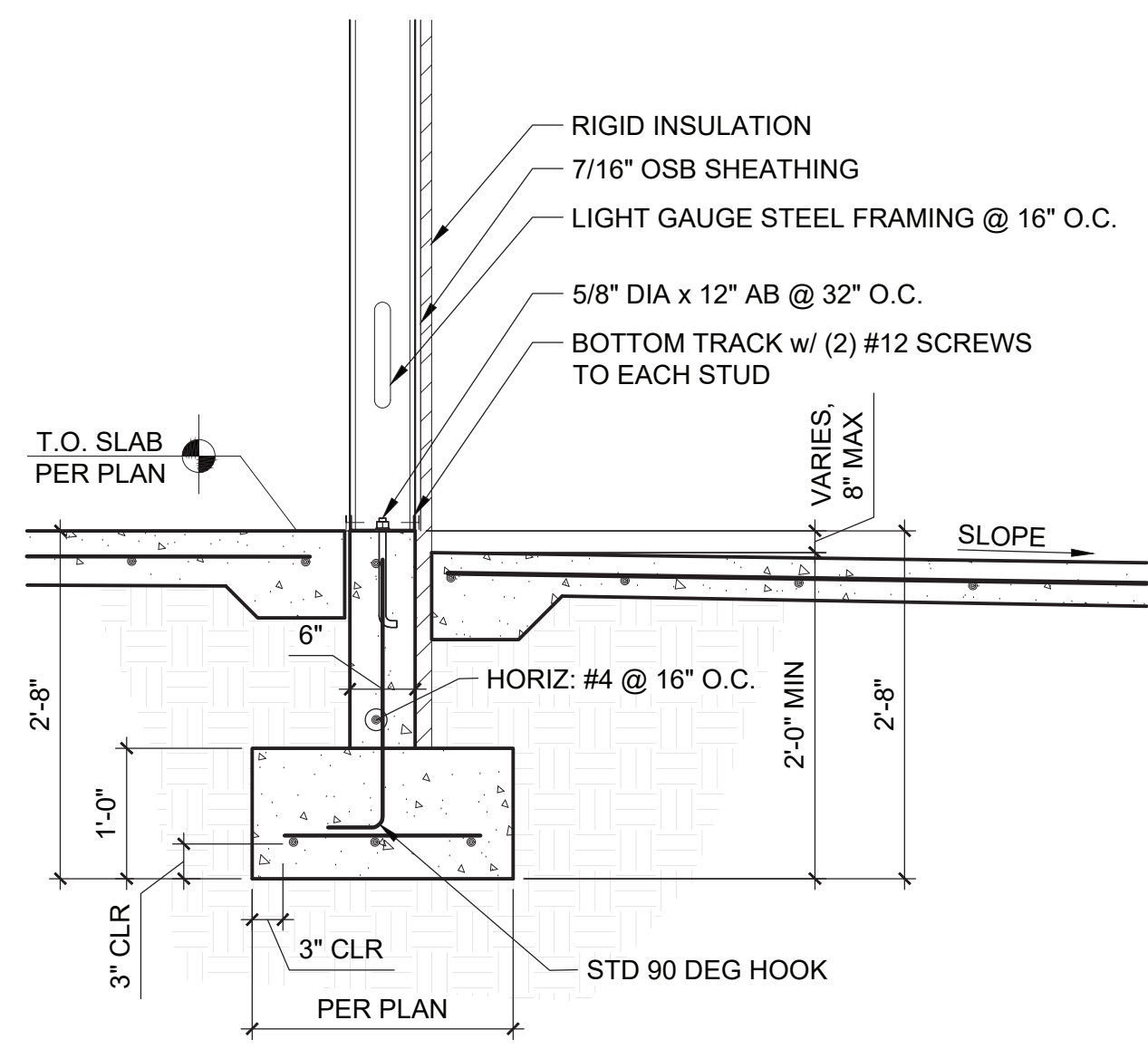


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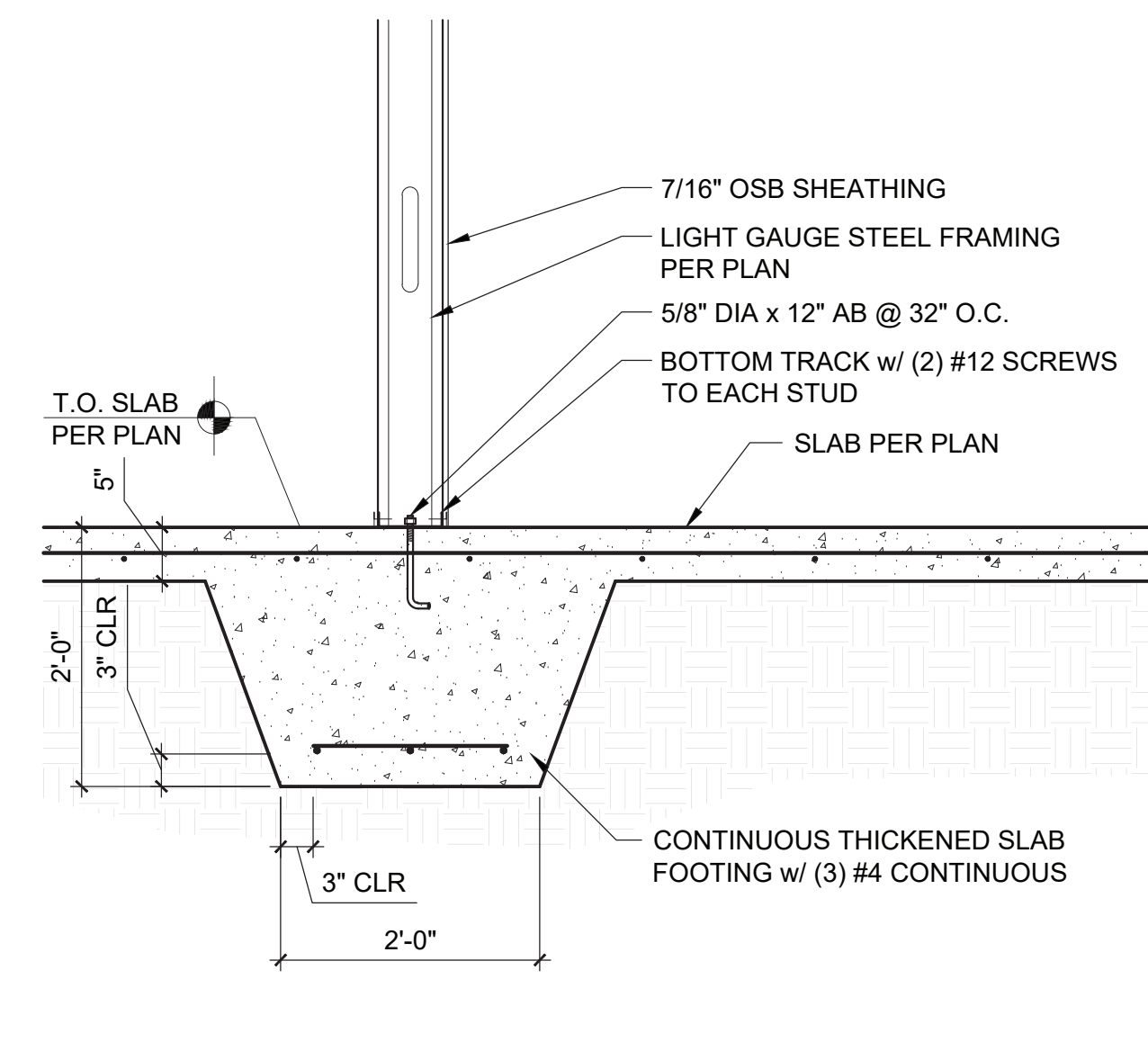
NANCY LOPEZ
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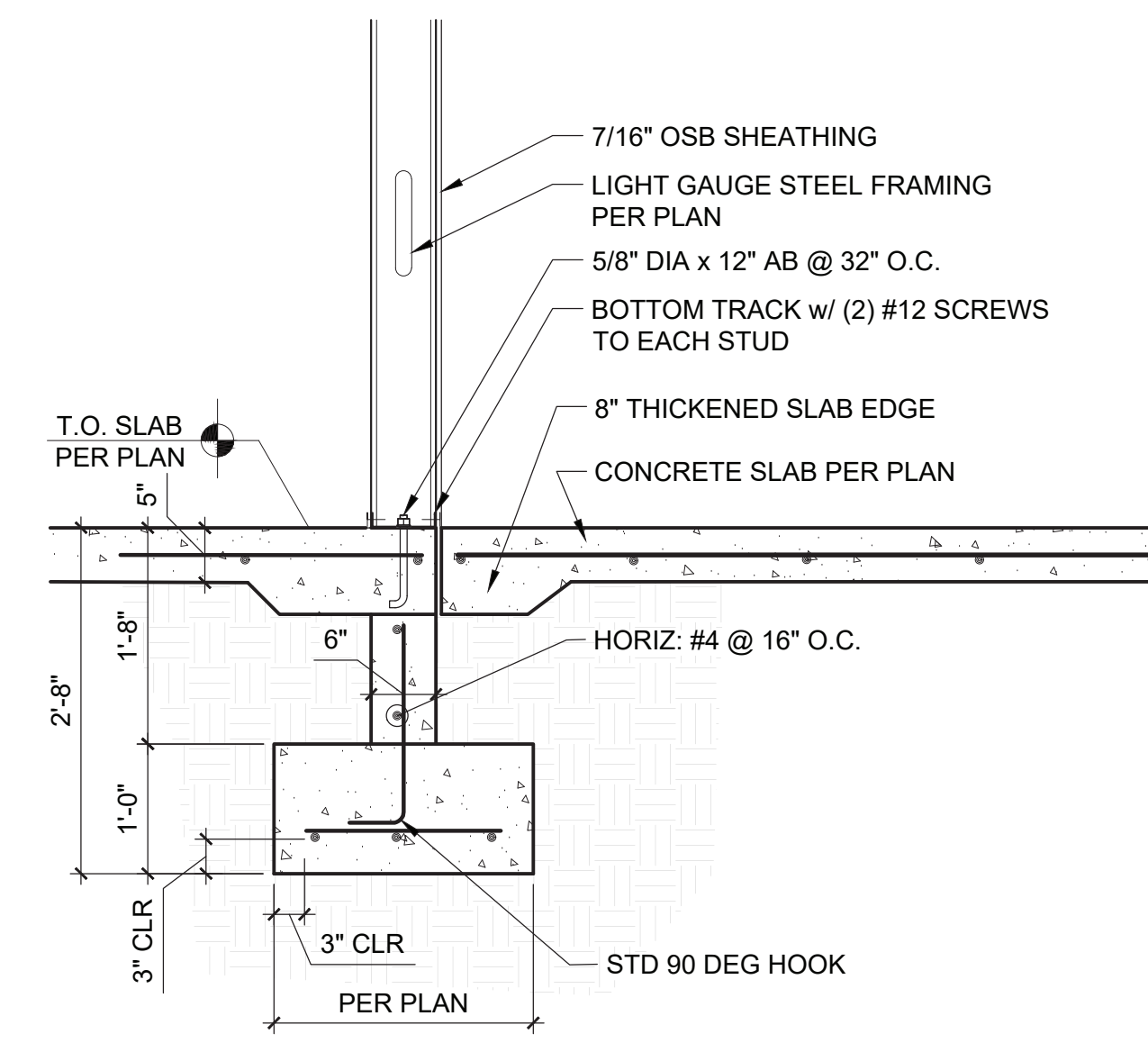
OWNER:
ROSWELL
INDEPENDENT
SCHOOL
DISTRICT



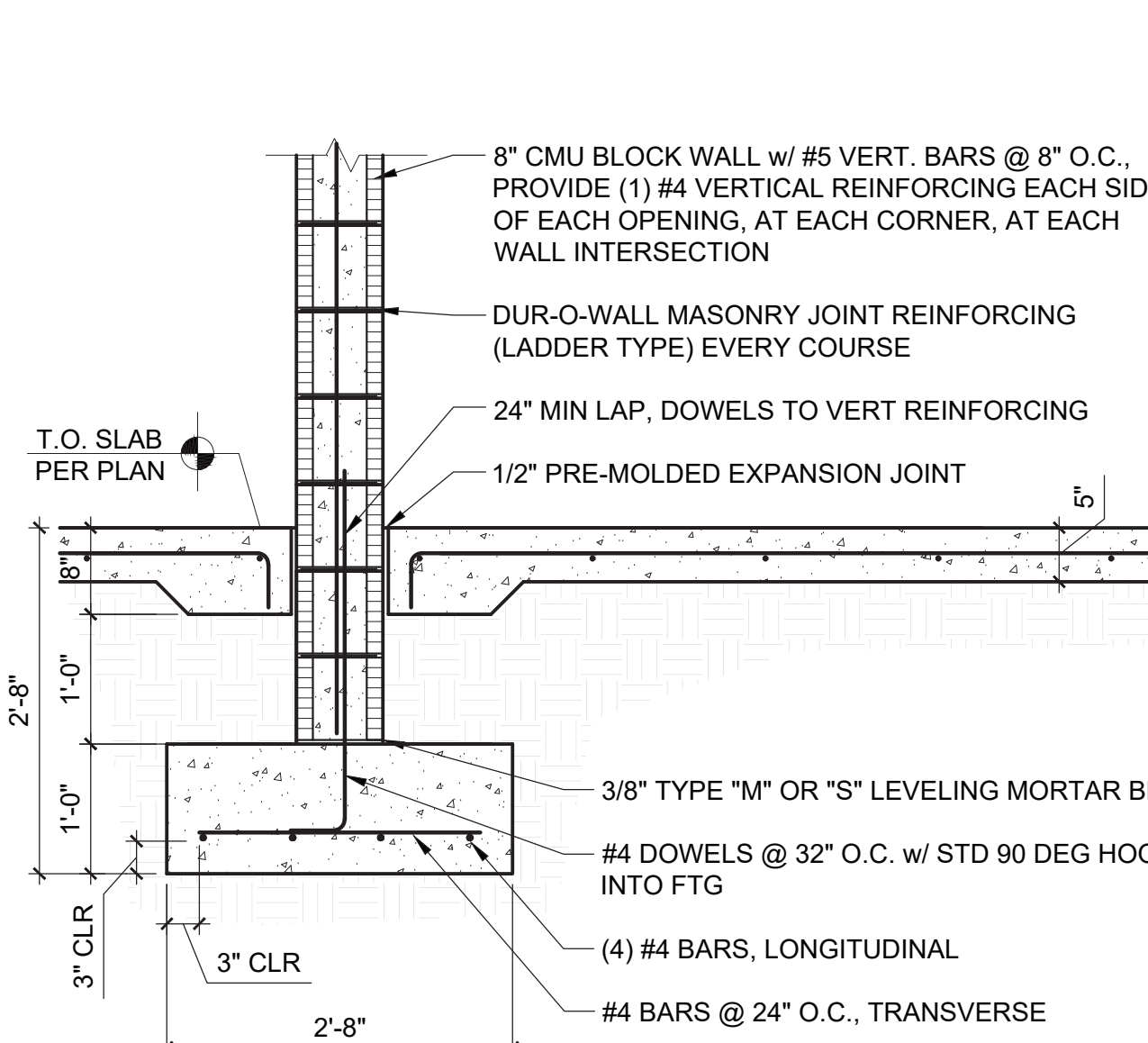
1 LIGHT GAUGE STEEL WALL TO FOUNDATION
S301/ 3/4" = 1'-0" EXTERIOR WALL



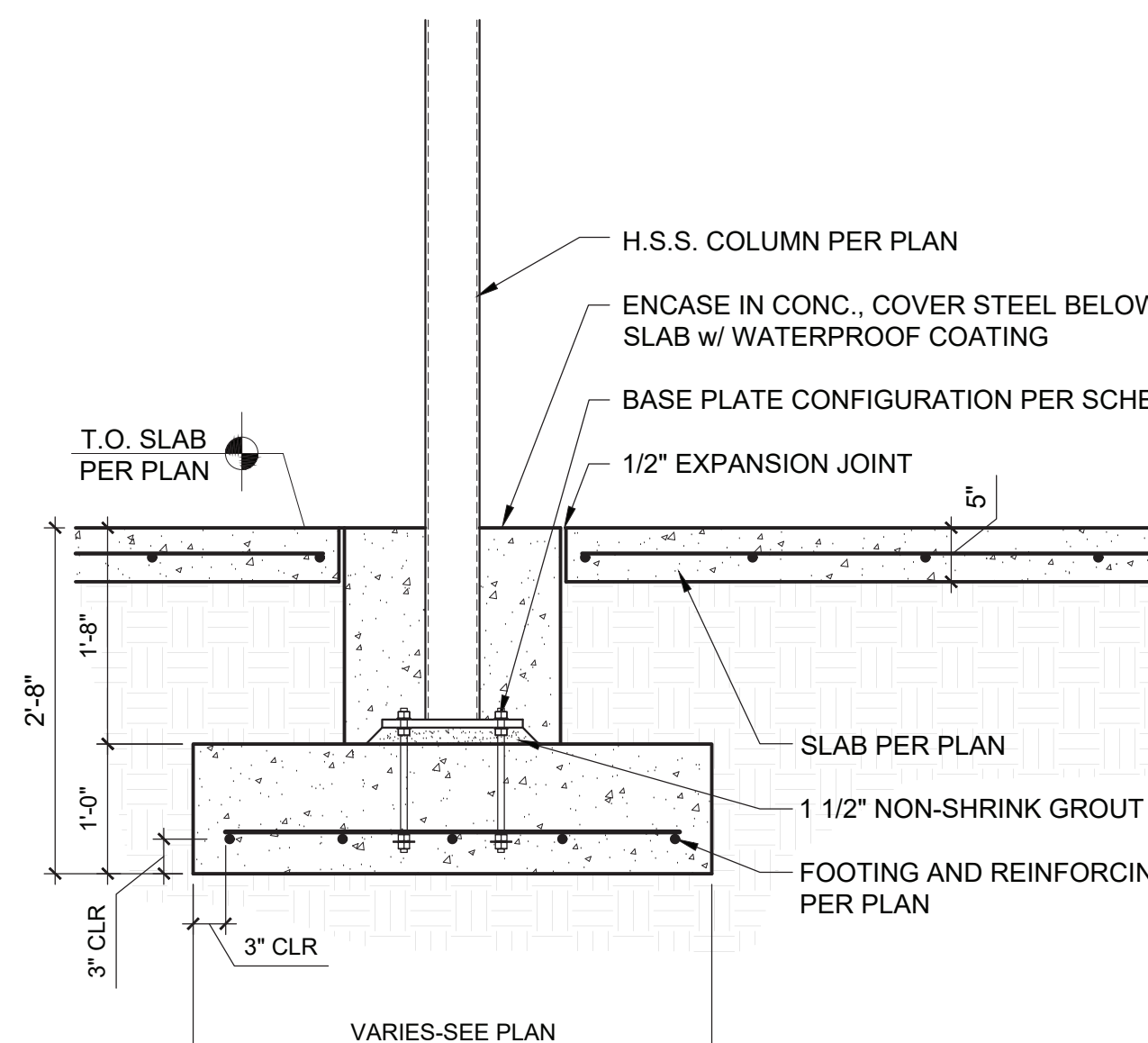
2 LIGHT GAUGE STEEL WALL TO FOUNDATION
S301/ 3/4" = 1'-0" INTERIOR WALL



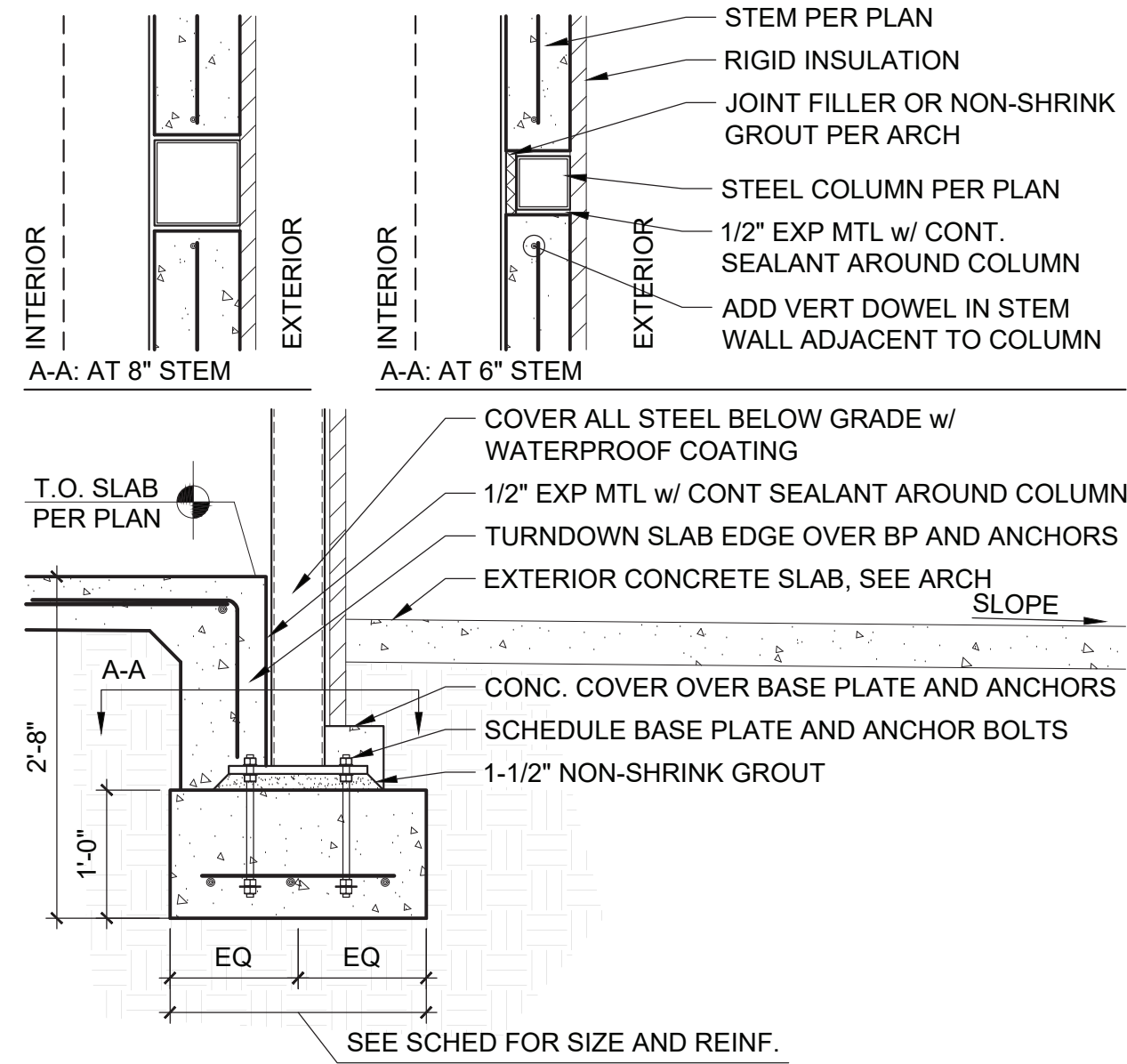
3 LIGHT GAUGE STEEL WALL TO FOUNDATION
S301/ 3/4" = 1'-0" EXTERIOR WALL



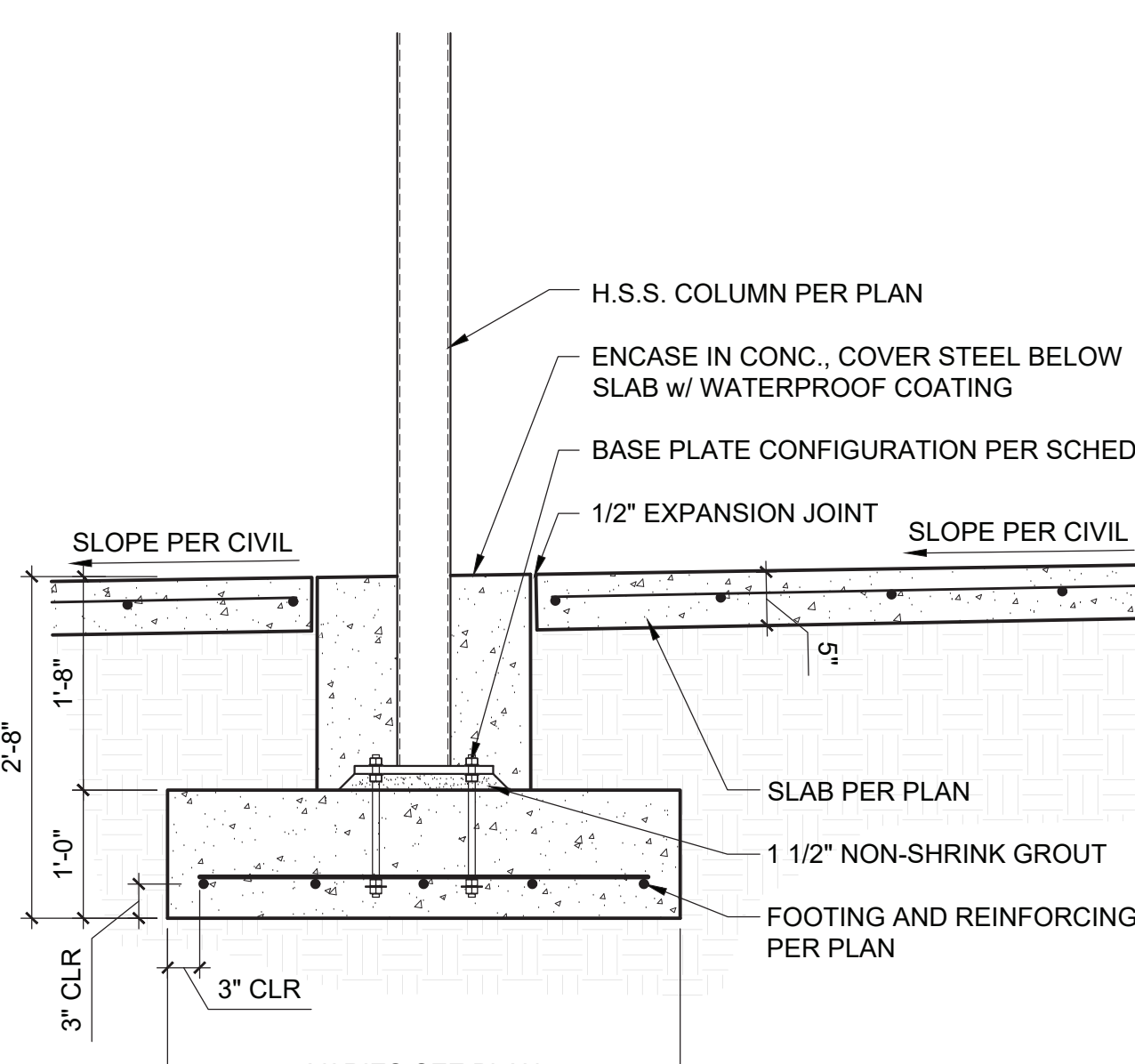
4 CMU WALL TO CONTINUOUS STRIP FOOTING
S301



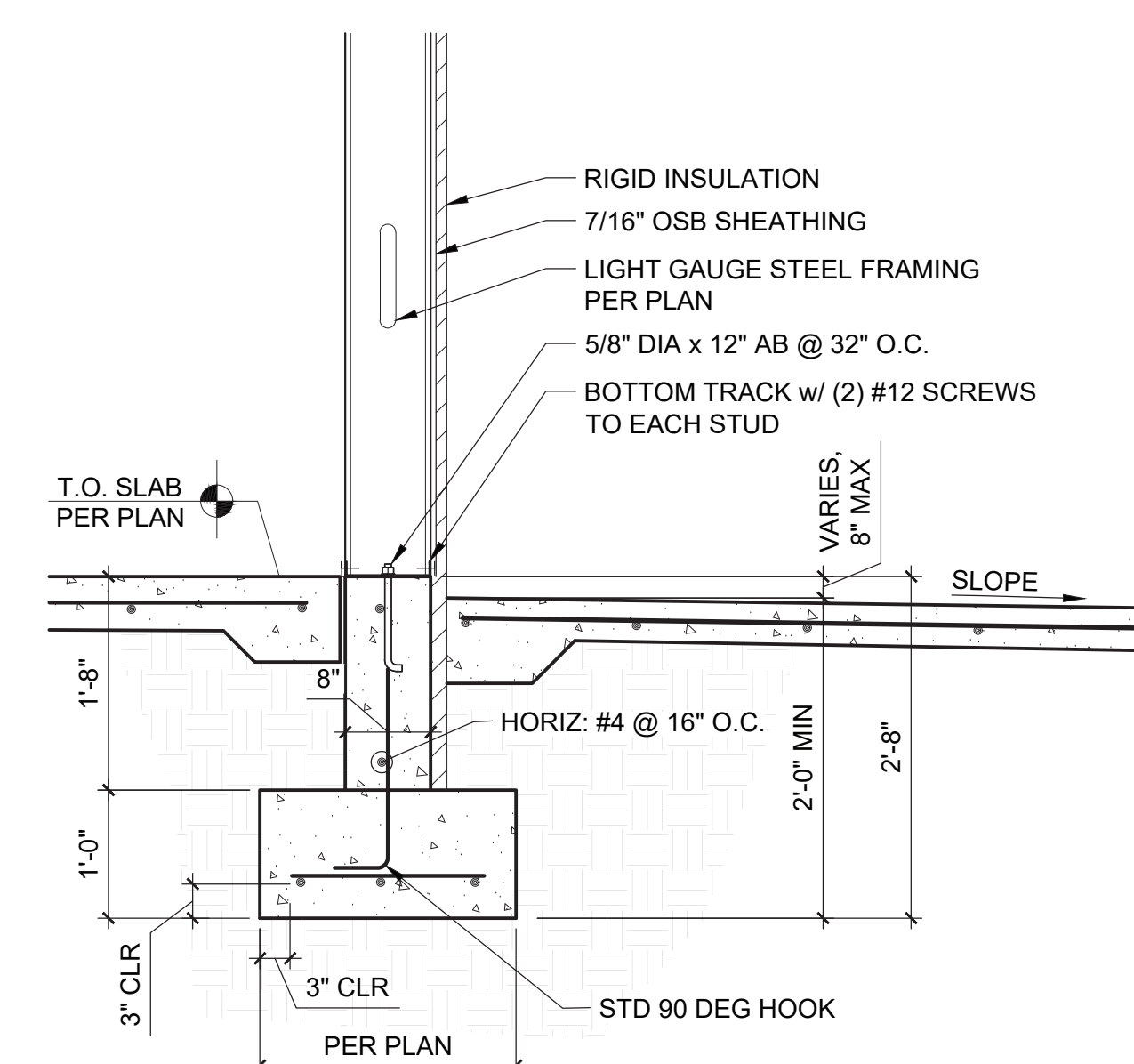
5 HSS COLUMN TO INTERIOR SPOT FOOTING
S301



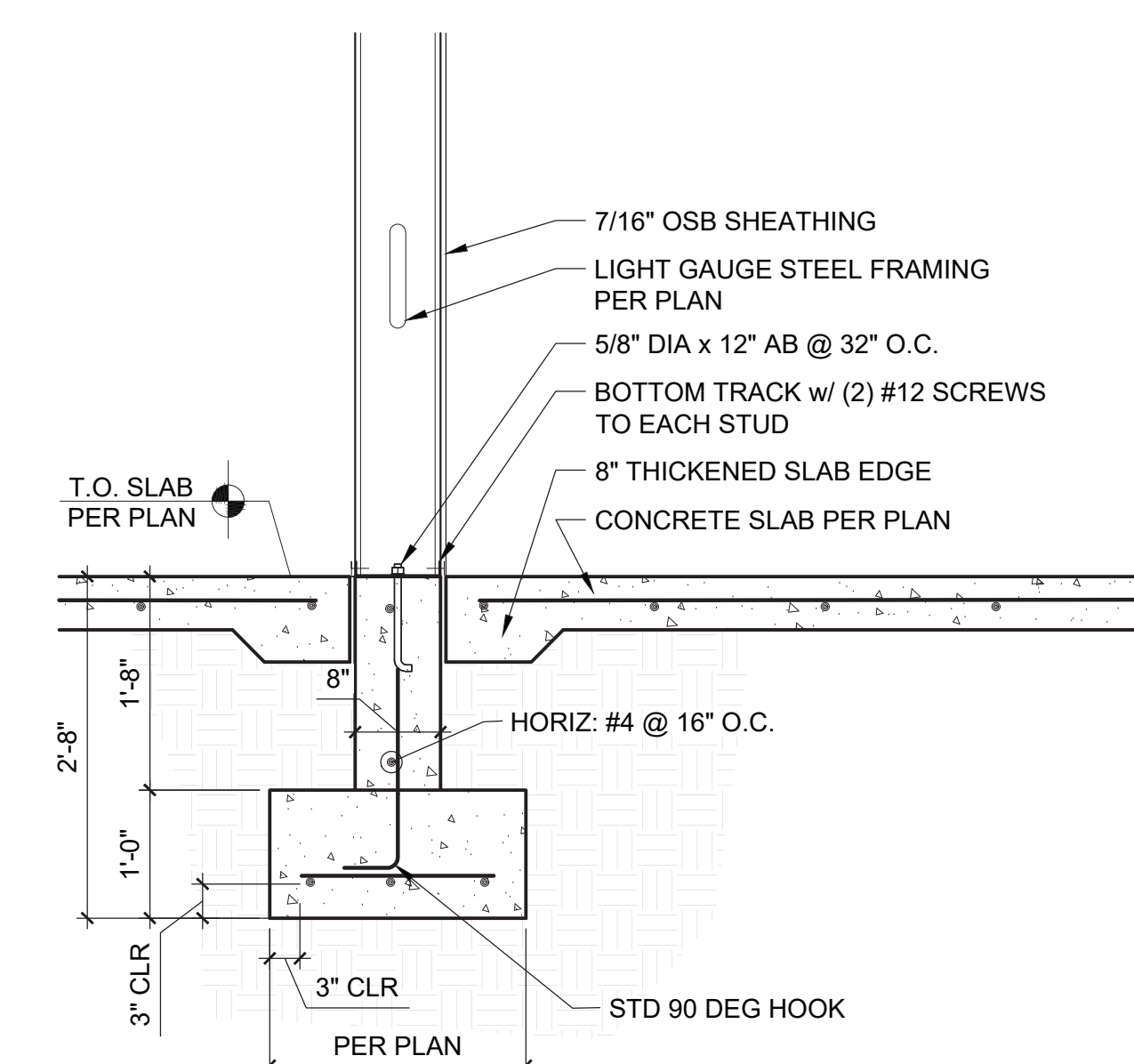
6 HSS COLUMN AT EXTERIOR STEM WALL
S301/ 3/4" = 1'-0"



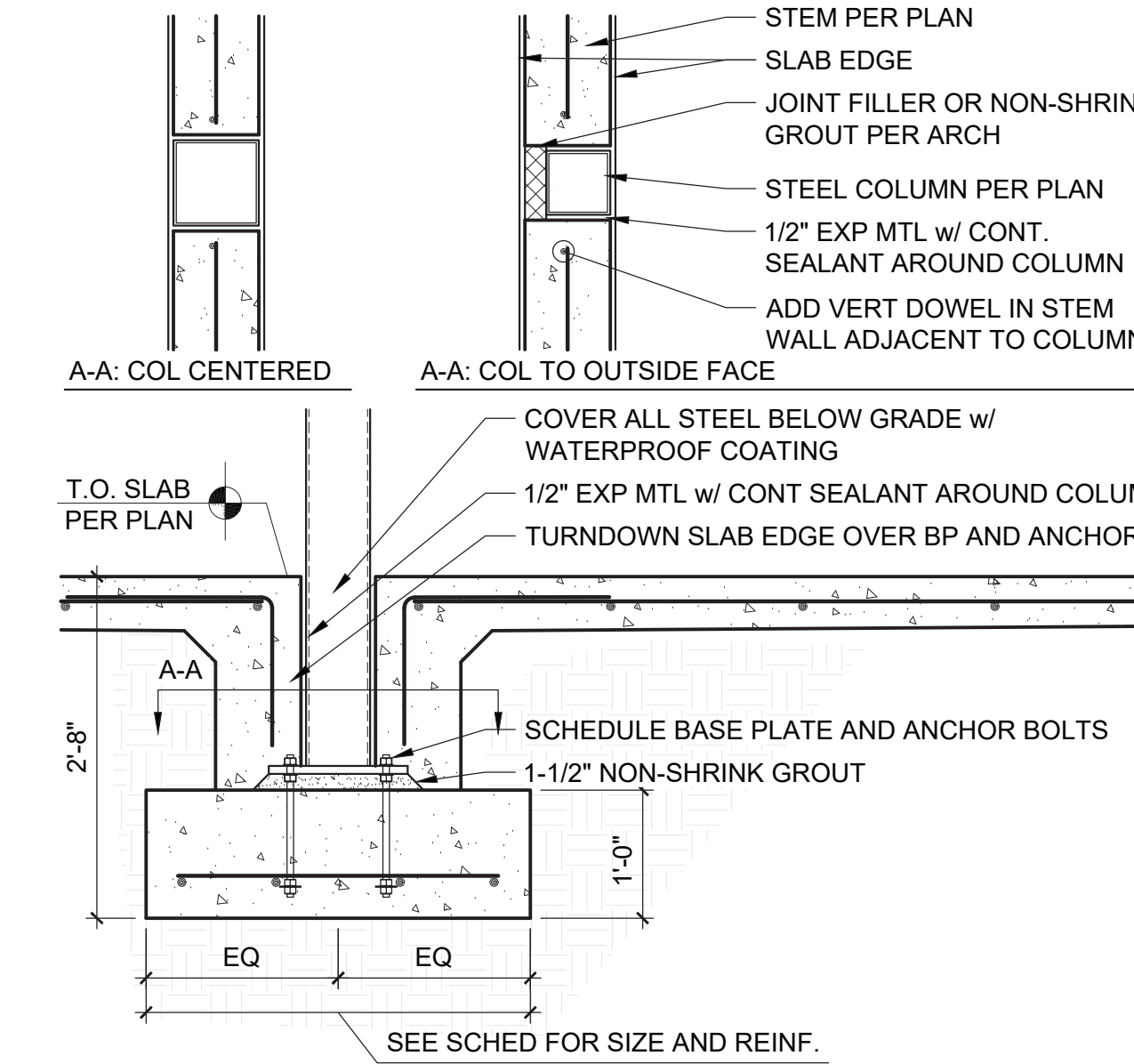
7 HSS COLUMN TO EXTERIOR SPOT FOOTING
S301



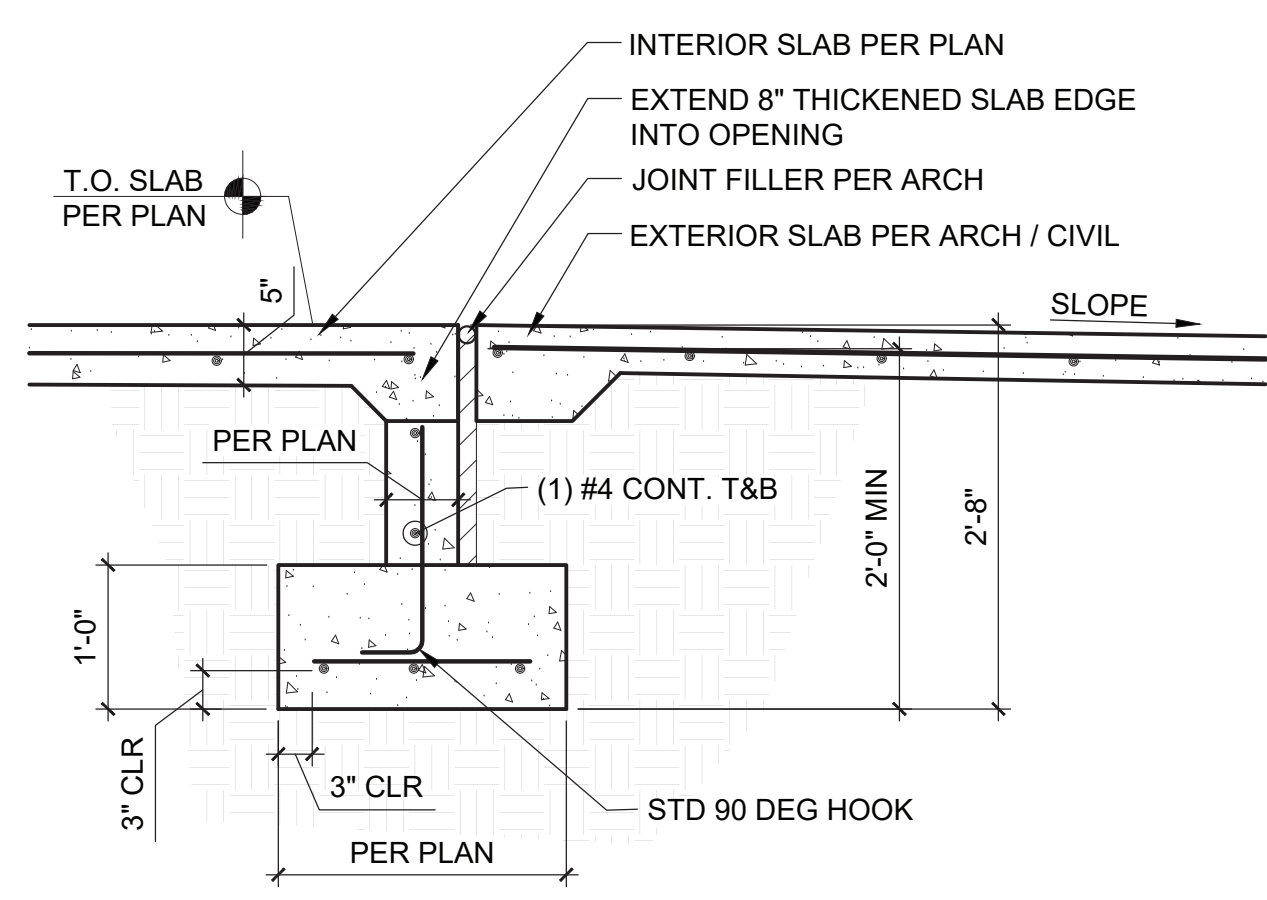
8 8" LIGHT GAUGE STEEL WALL TO FOUNDATION
S301/ 3/4" = 1'-0" EXTERIOR WALL



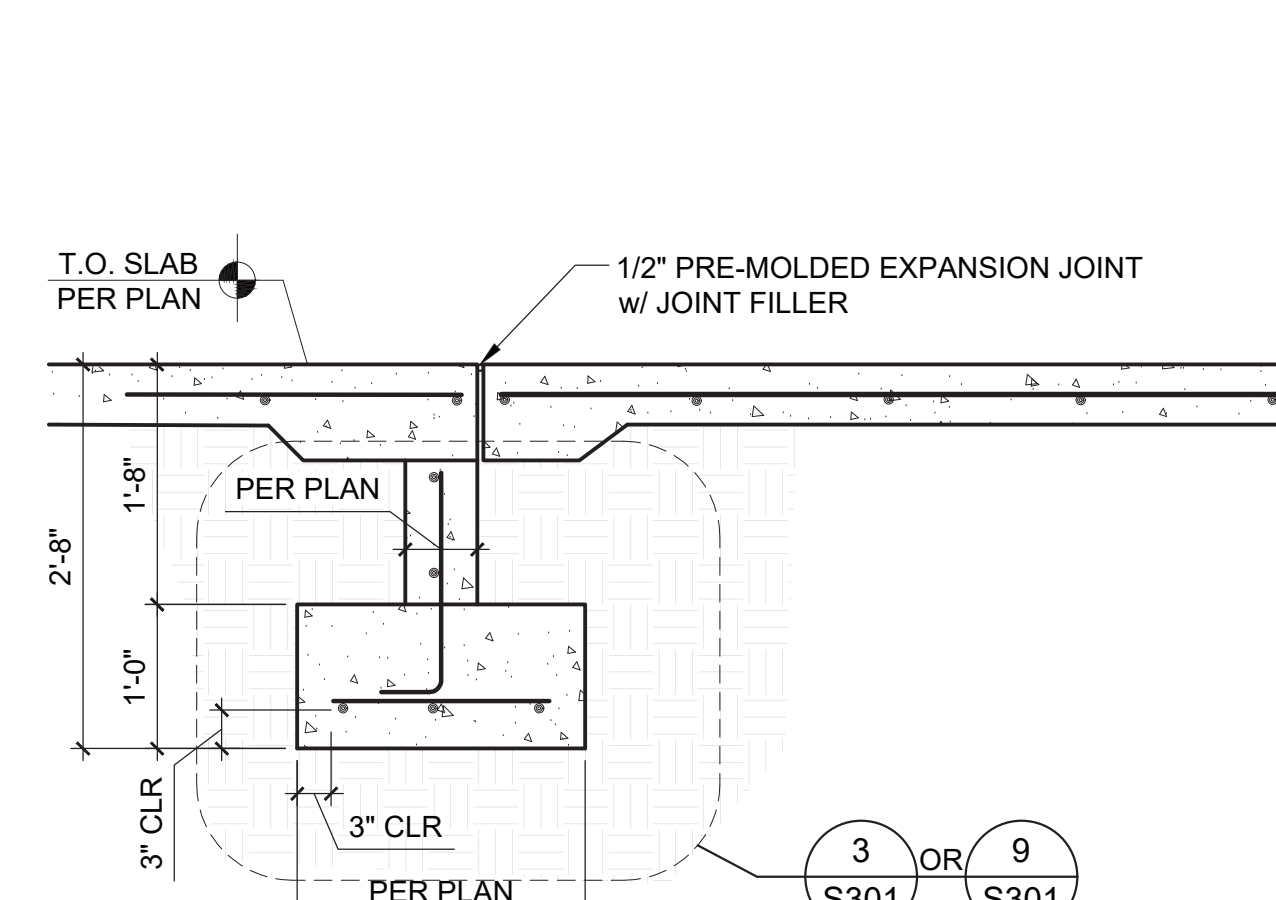
9 8" LIGHT GAUGE STEEL WALL TO FOUNDATION
S301/ 3/4" = 1'-0" INTERIOR WALL



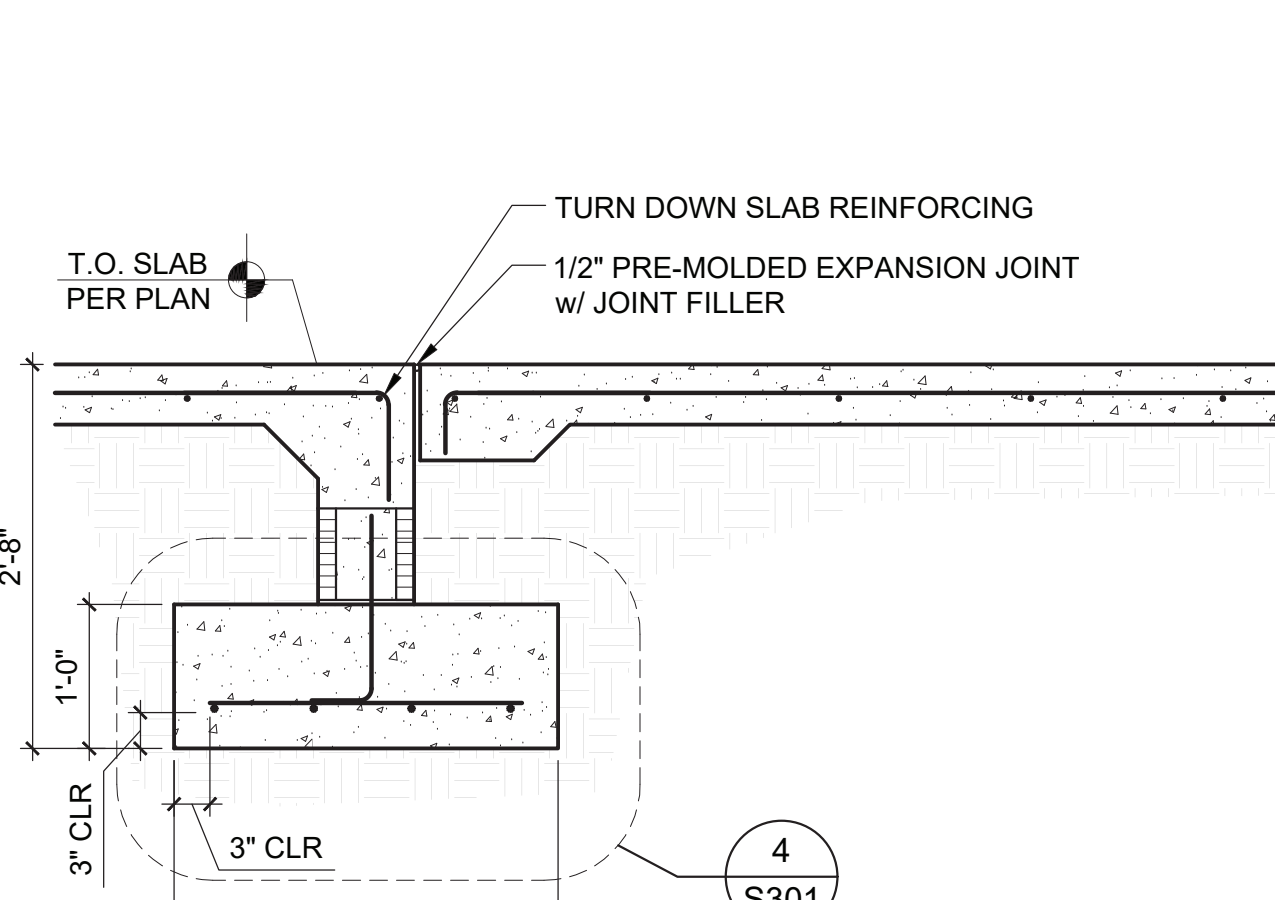
10 HSS COLUMN AT 8" INTERIOR STEM WALL
S301/ 3/4" = 1'-0"



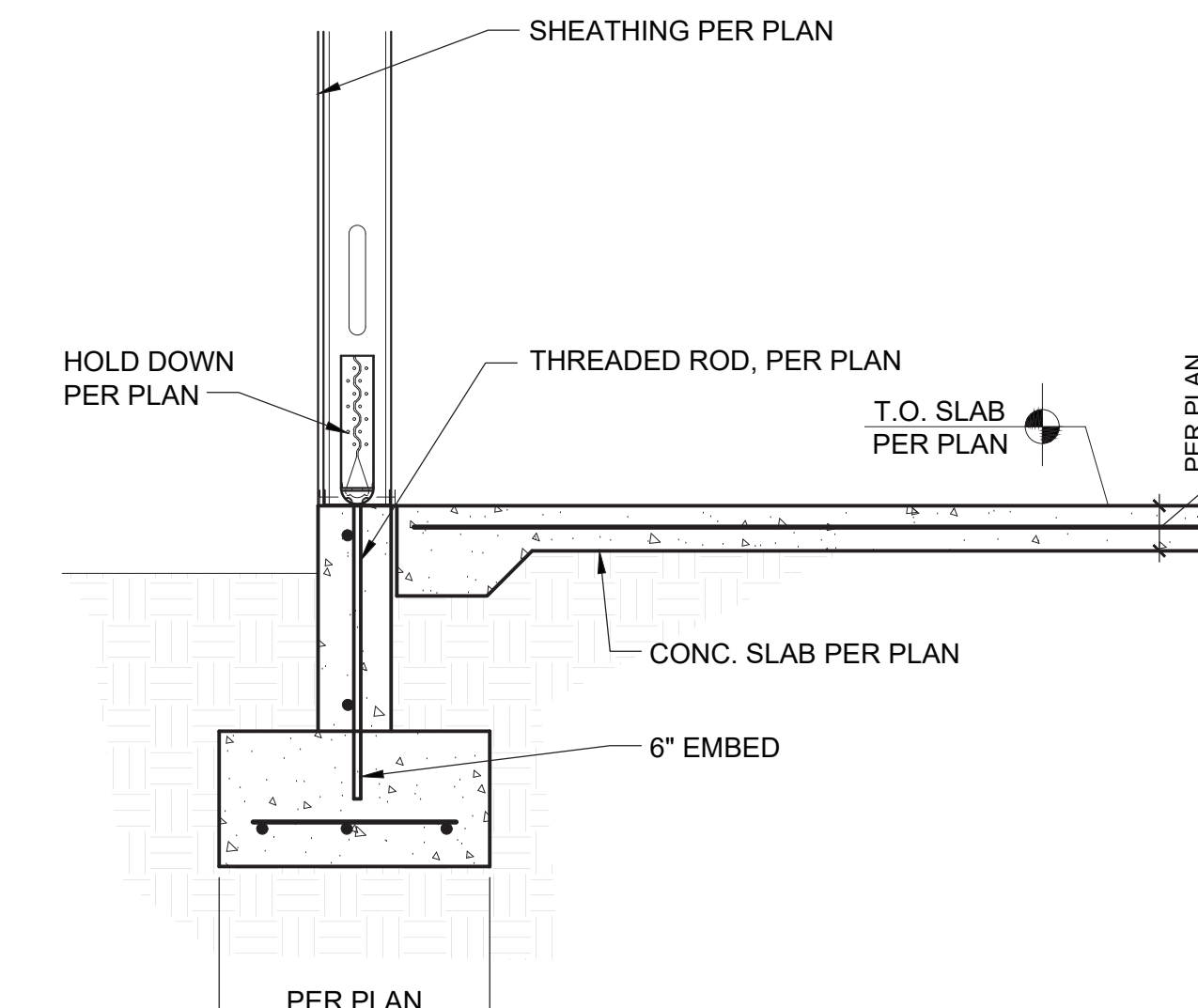
11 SLAB OVER STEM AT OPENINGS
S301/ 3/4" = 1'-0"



12 CONC SLAB POUR OVER AT INTERIOR DOORWAY
S301/ 3/4" = 1'-0"



13 CONC SLAB POUR OVER AT CMU DOORWAY
S301/ 3/4" = 1'-0"



14 LT GA FRAMED SHEAR WALL HOLD DOWN TO FDTN
S301/ 3/4" = 1'-0"

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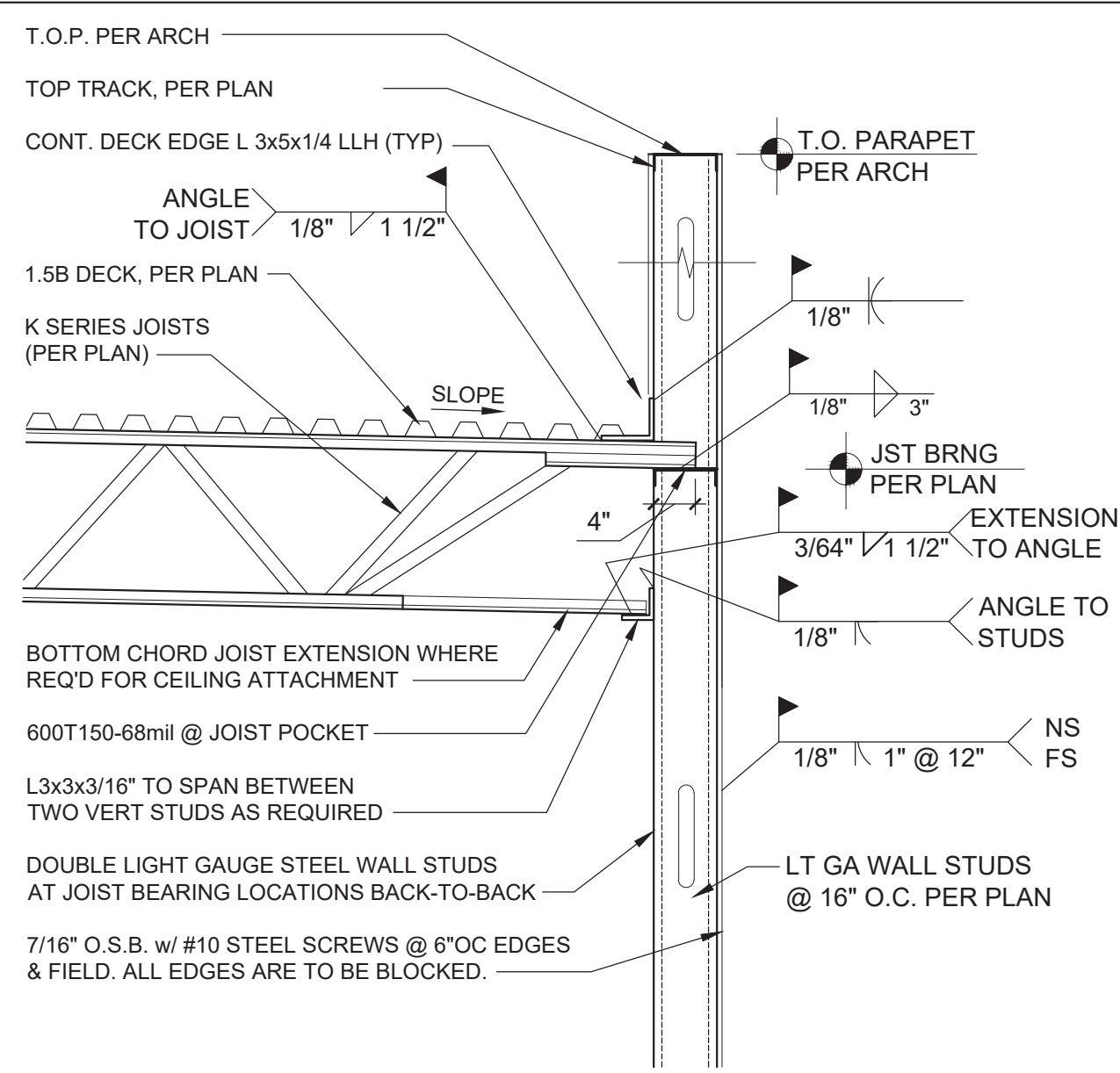
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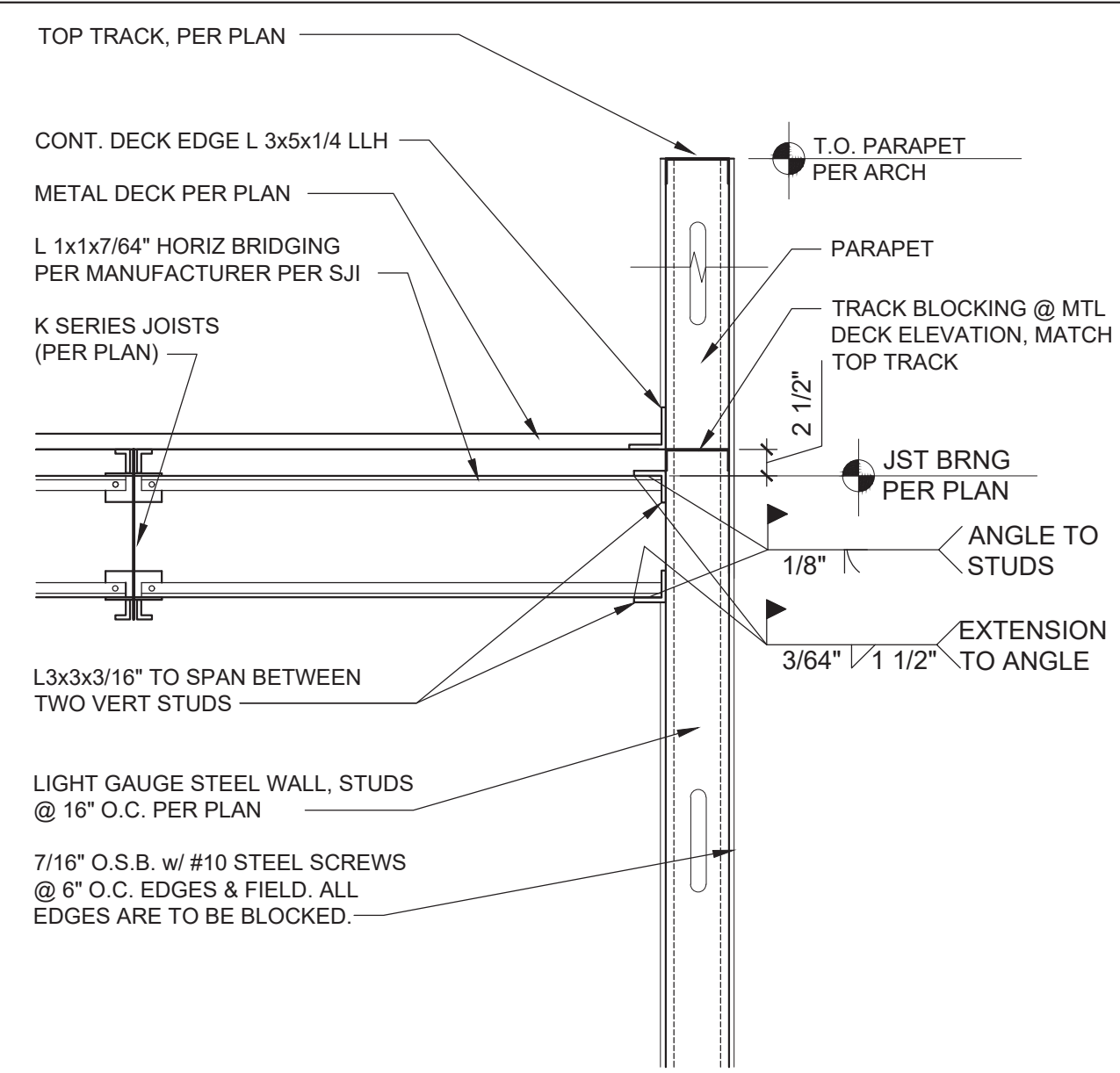
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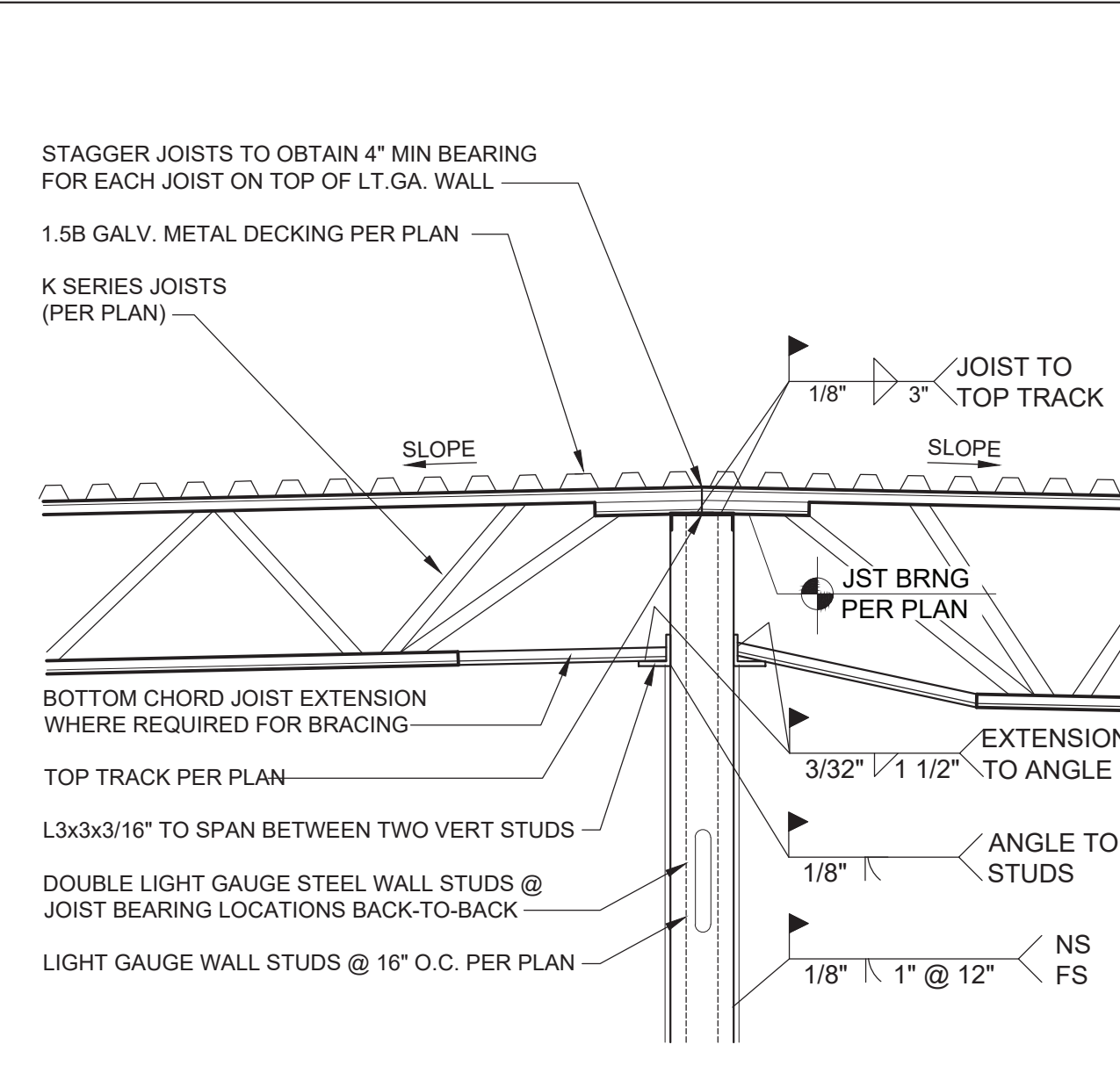
CD	DATE	DESCRIPTION



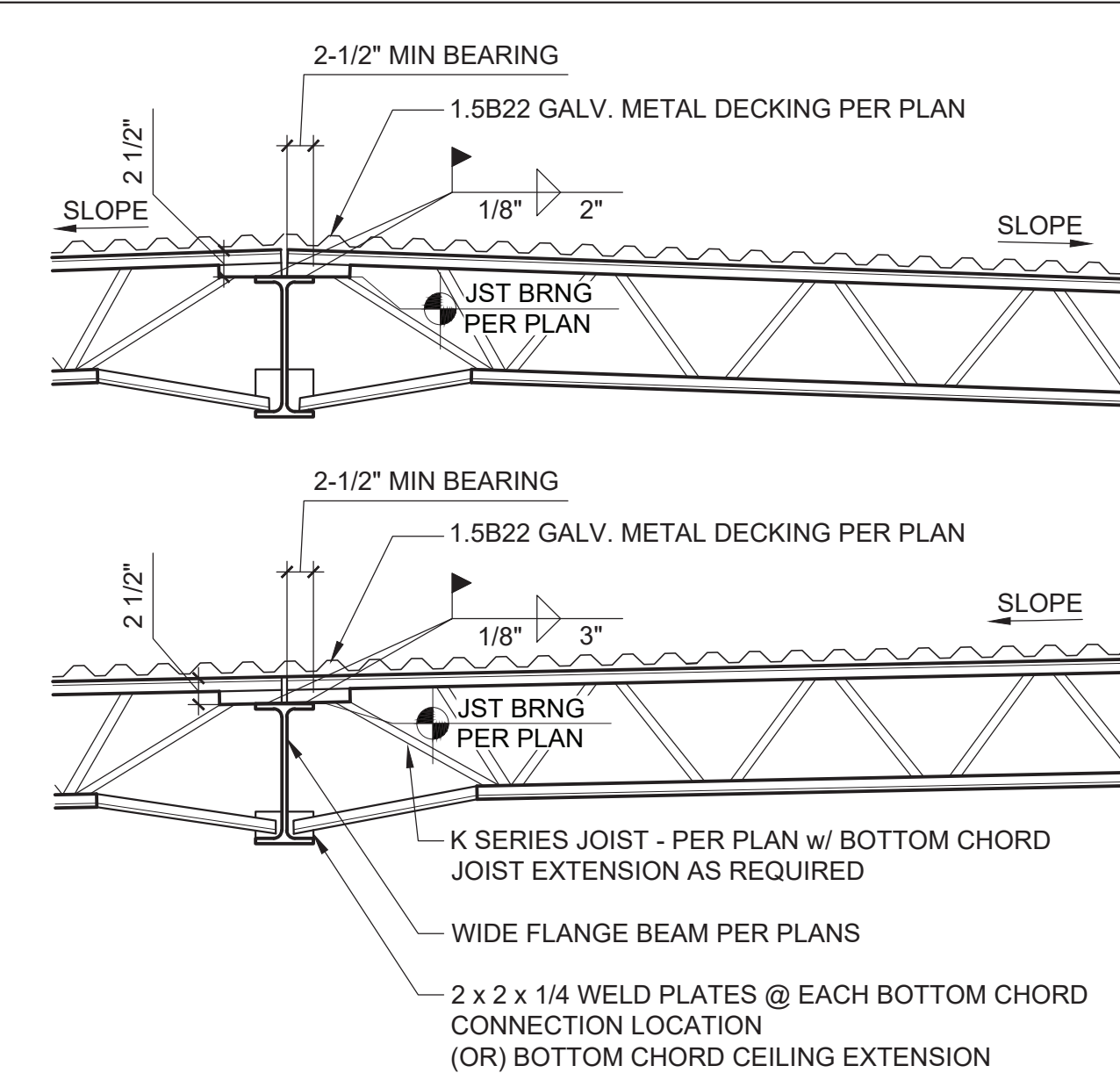
1 K SERIES JOIST BEARING ON LT GAUGE WALL
S401/ 3/4" = 1'-0"



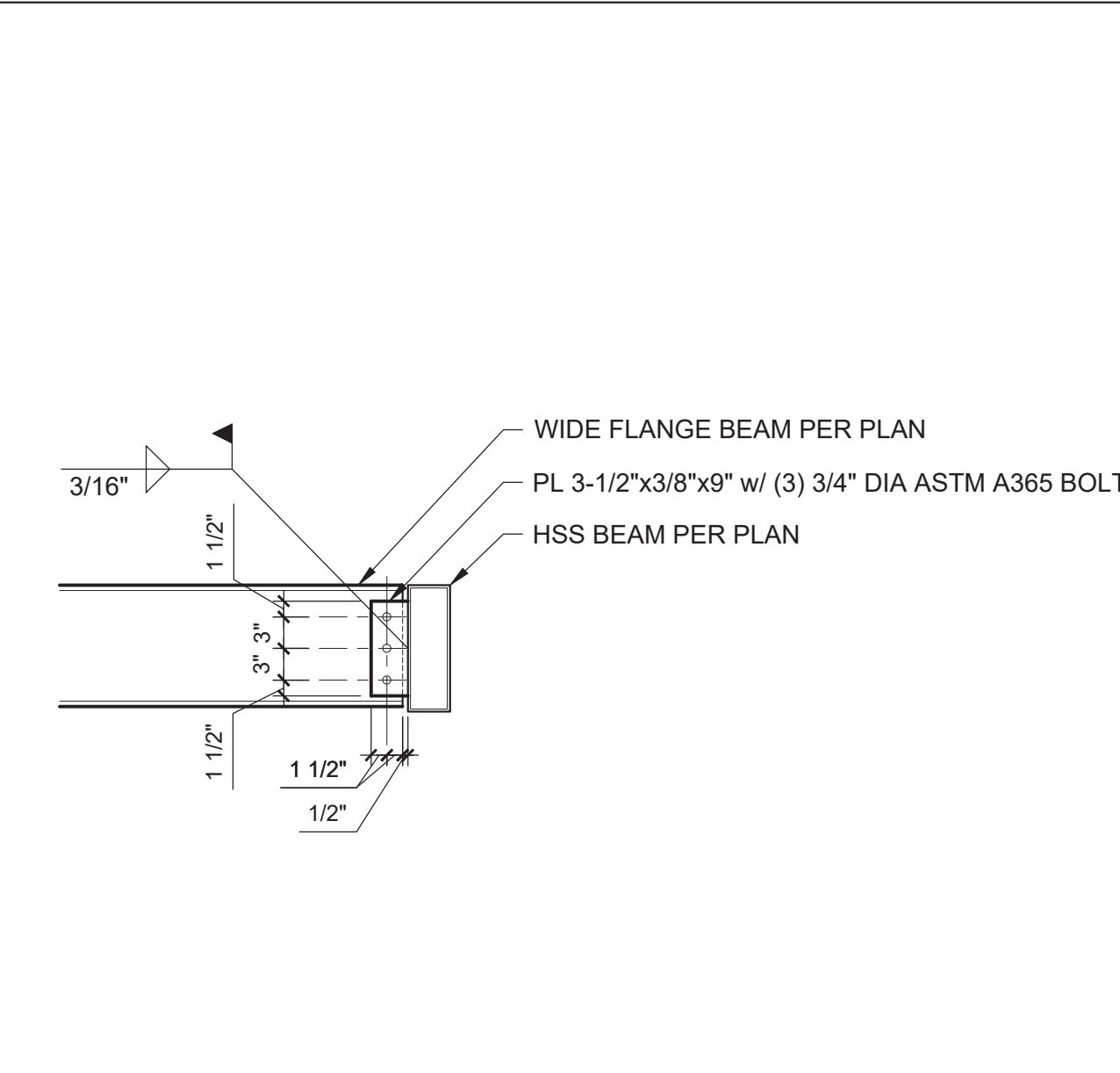
2 K SERIES JOIST PARALLEL TO EXTERIOR WALL
S401/ 3/4" = 1'-0" LIGHT GA. STEEL WALL



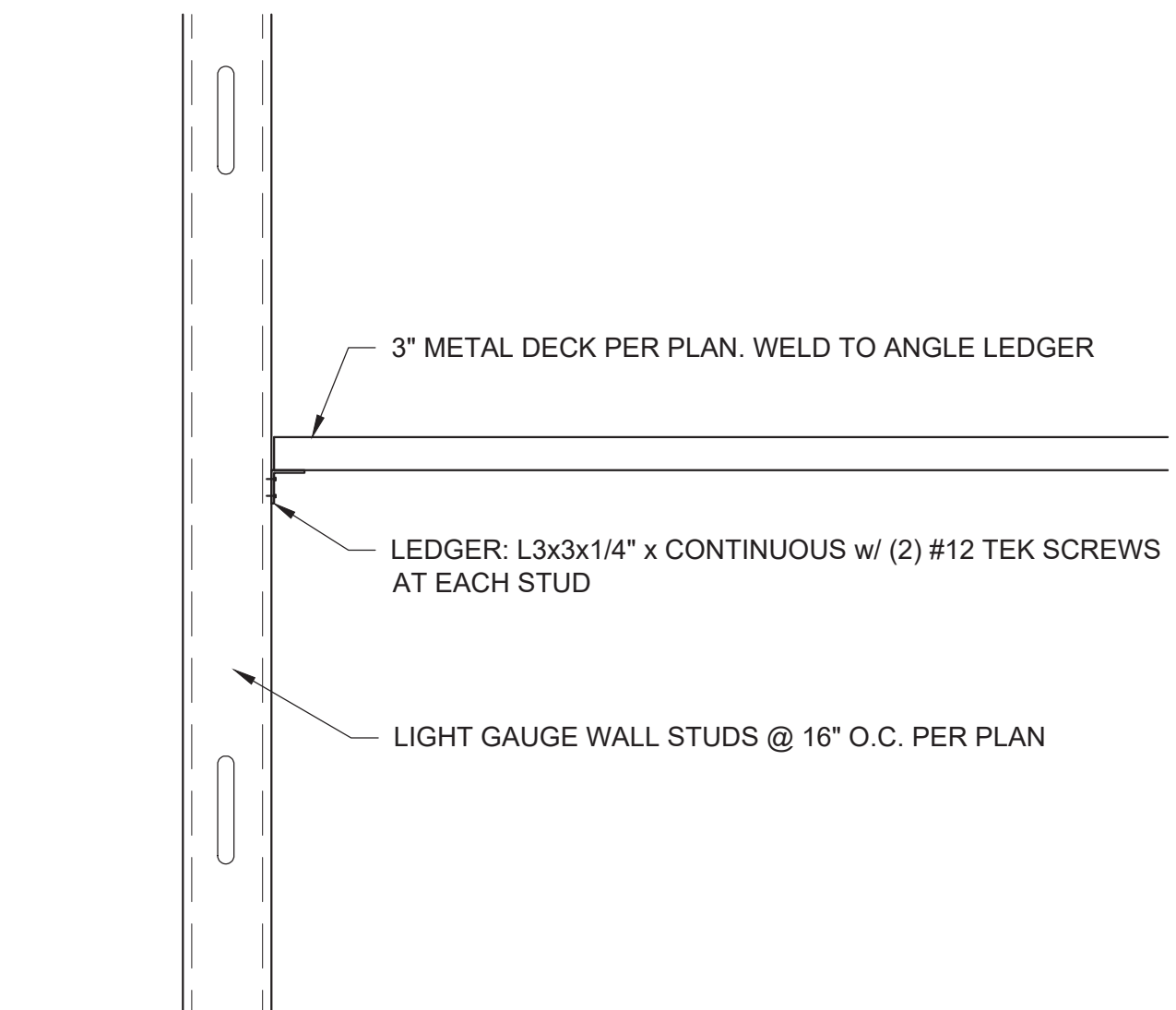
3 K SERIES JOIST TO LT GAUGE STEEL STUDS
S401/ 3/4" = 1'-0" INTERIOR LOAD BEARING WALL



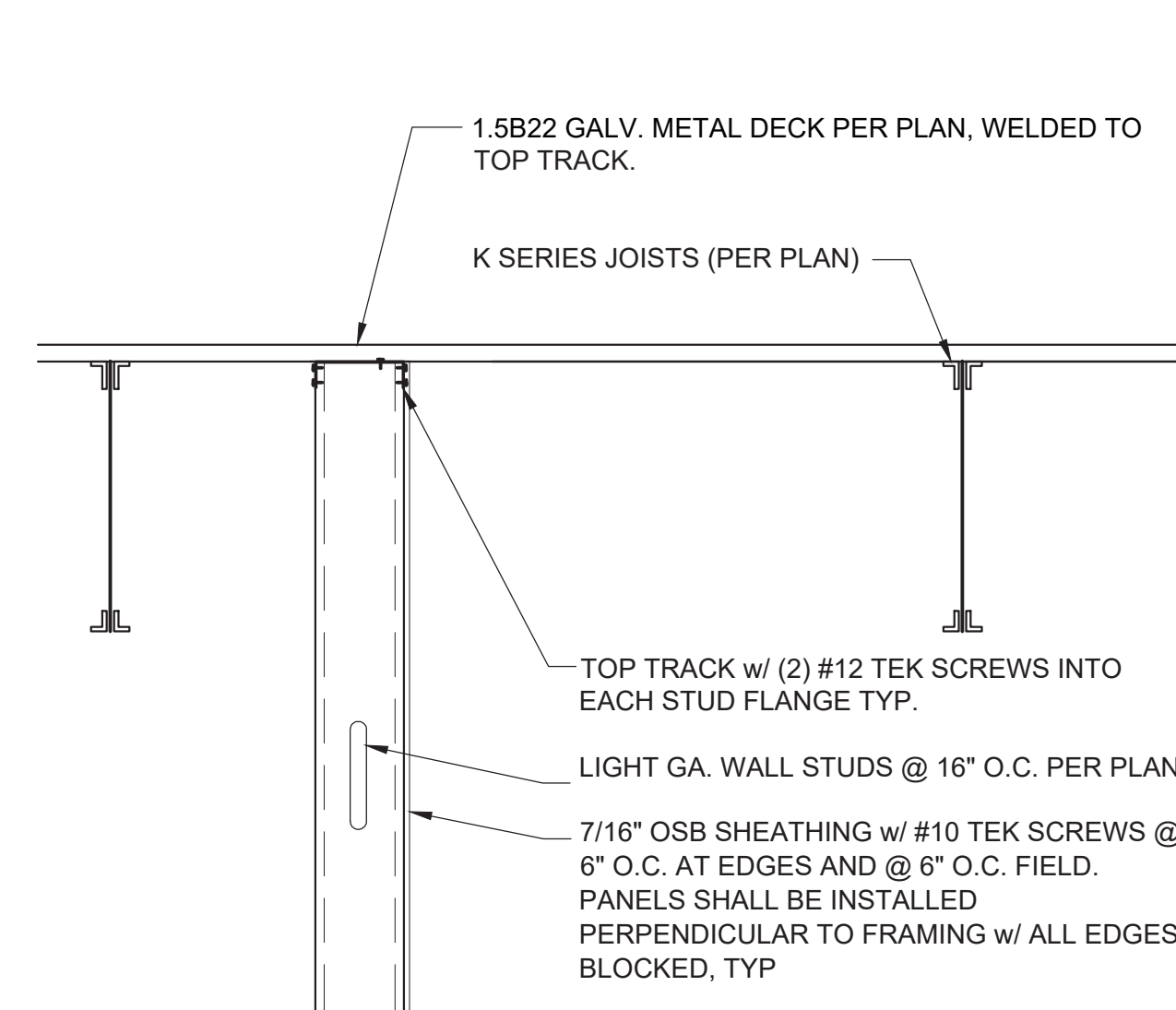
4 K SERIES JOISTS TO WIDE FLANGE BEAM
S401/ 3/4" = 1'-0"



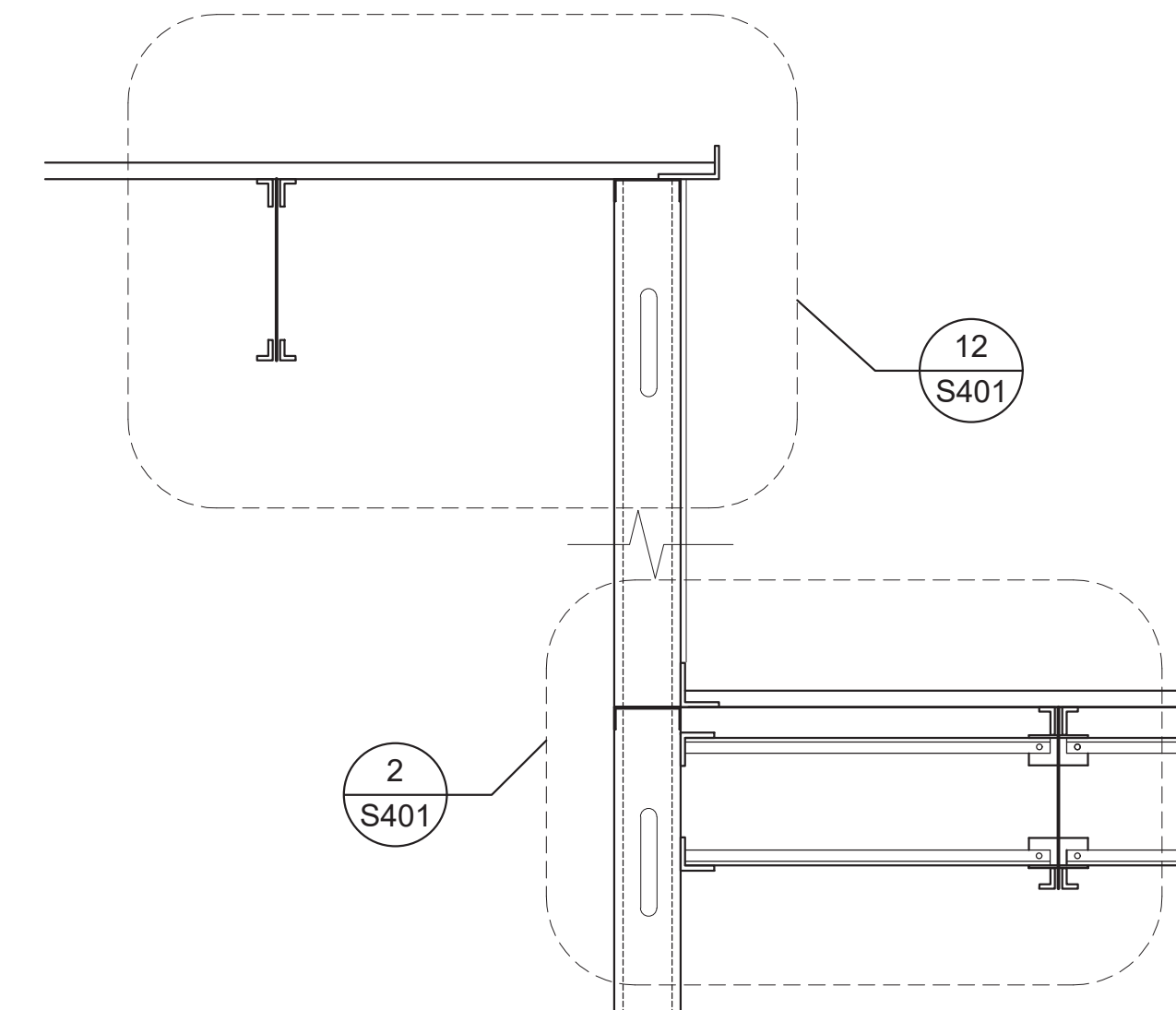
5 WIDE FLANGE BEAM TO HSS BEAM CONNECTION
S401/ 3/4" = 1'-0"



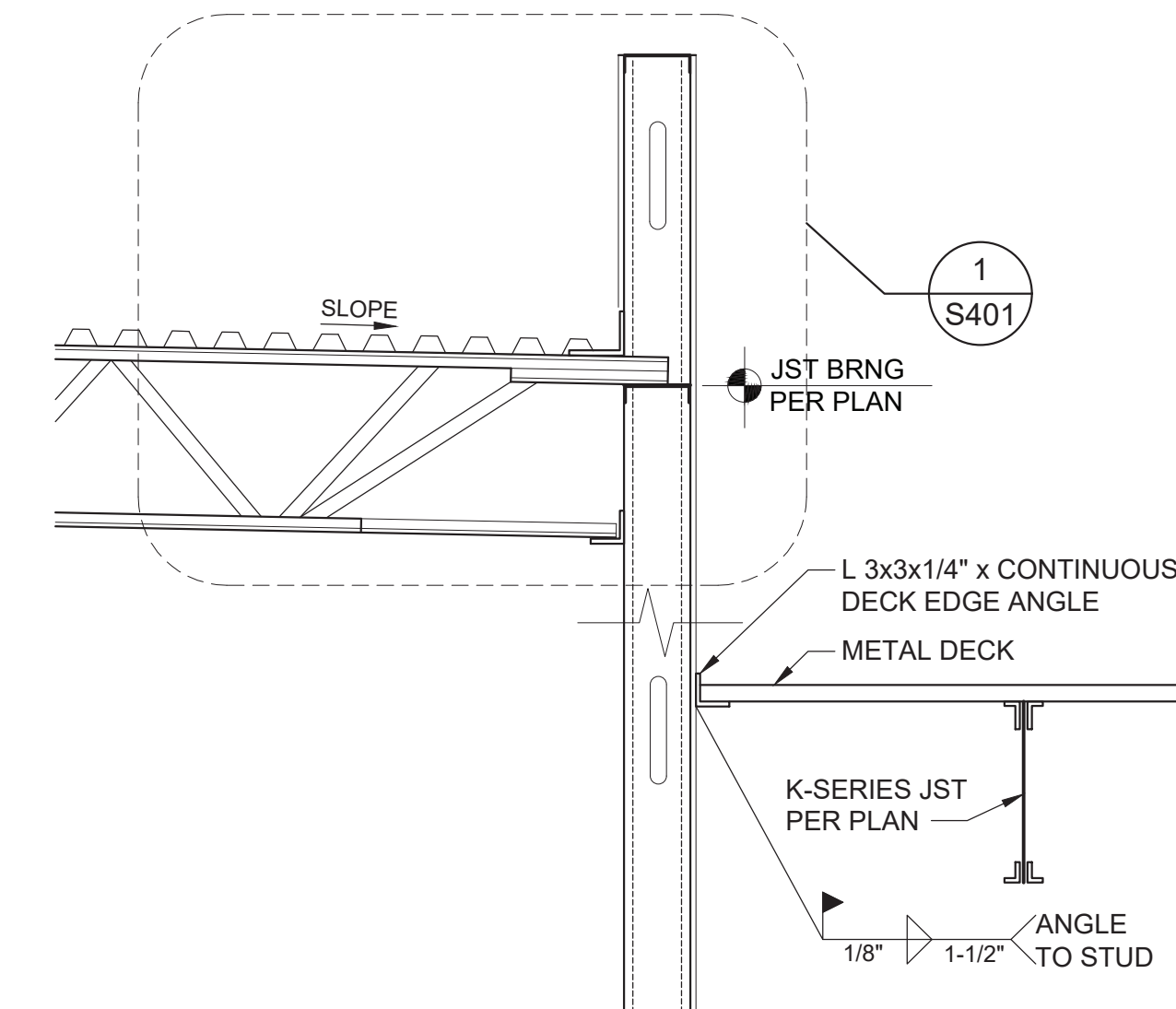
6 CANOPY DECK TO EXTERIOR WALL
S401/ 3/4" = 1'-0"



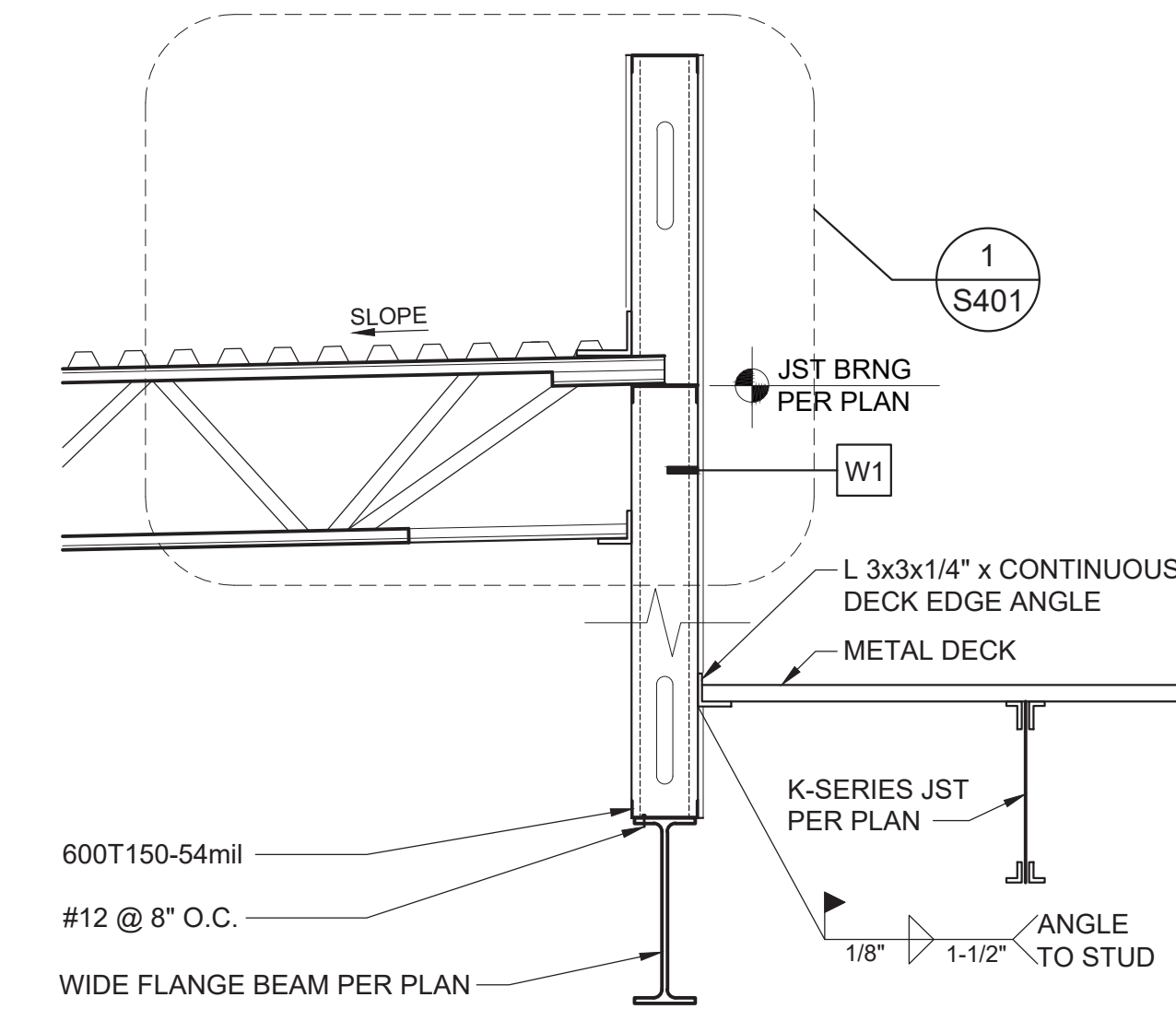
7 SHEAR WALL PARALLEL TO FRAMING
S401/ 3/4" = 1'-0"



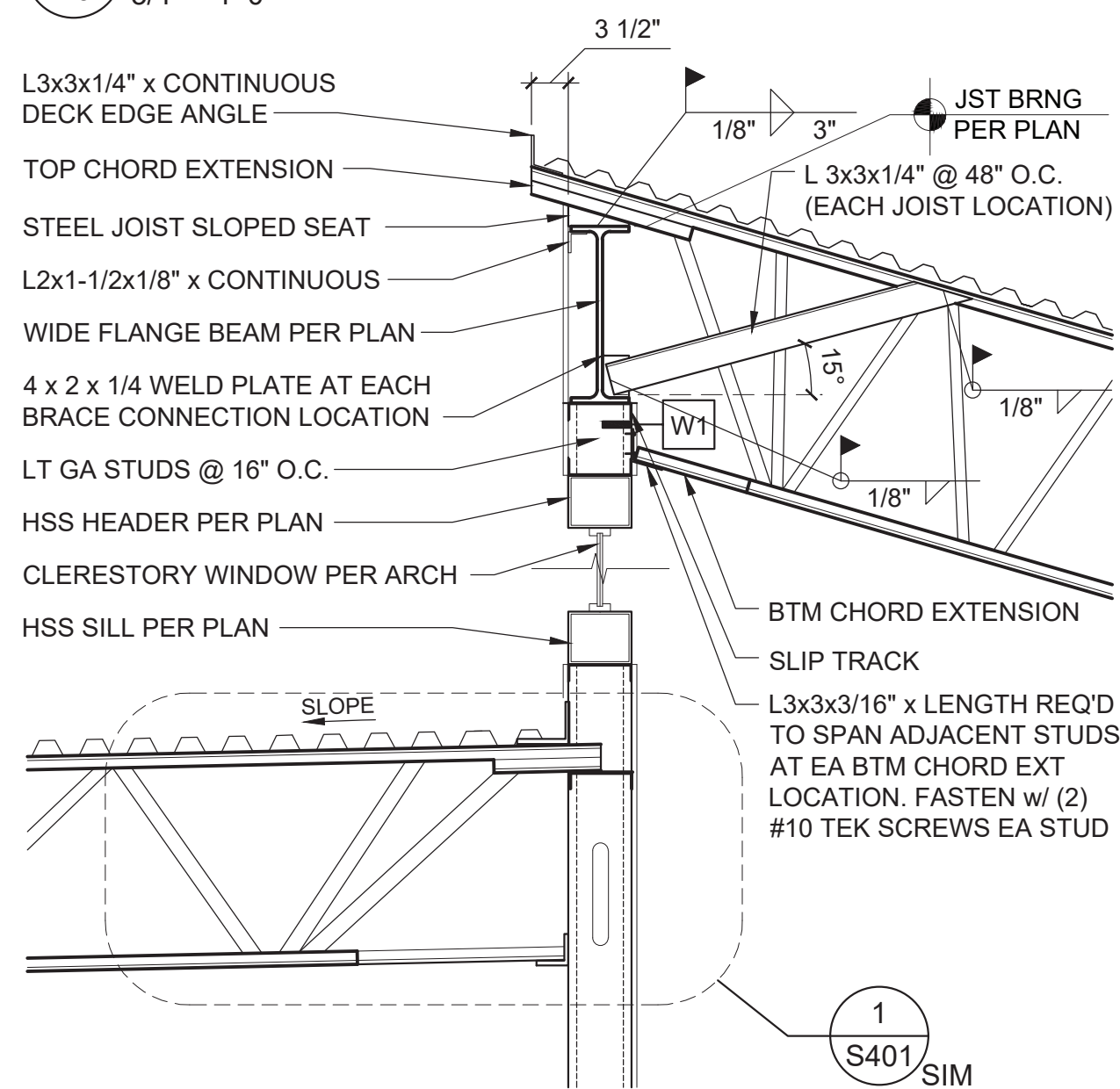
8 K-SERIES JOISTS AT VARYING ELEVATIONS
S401/ 3/4" = 1'-0"



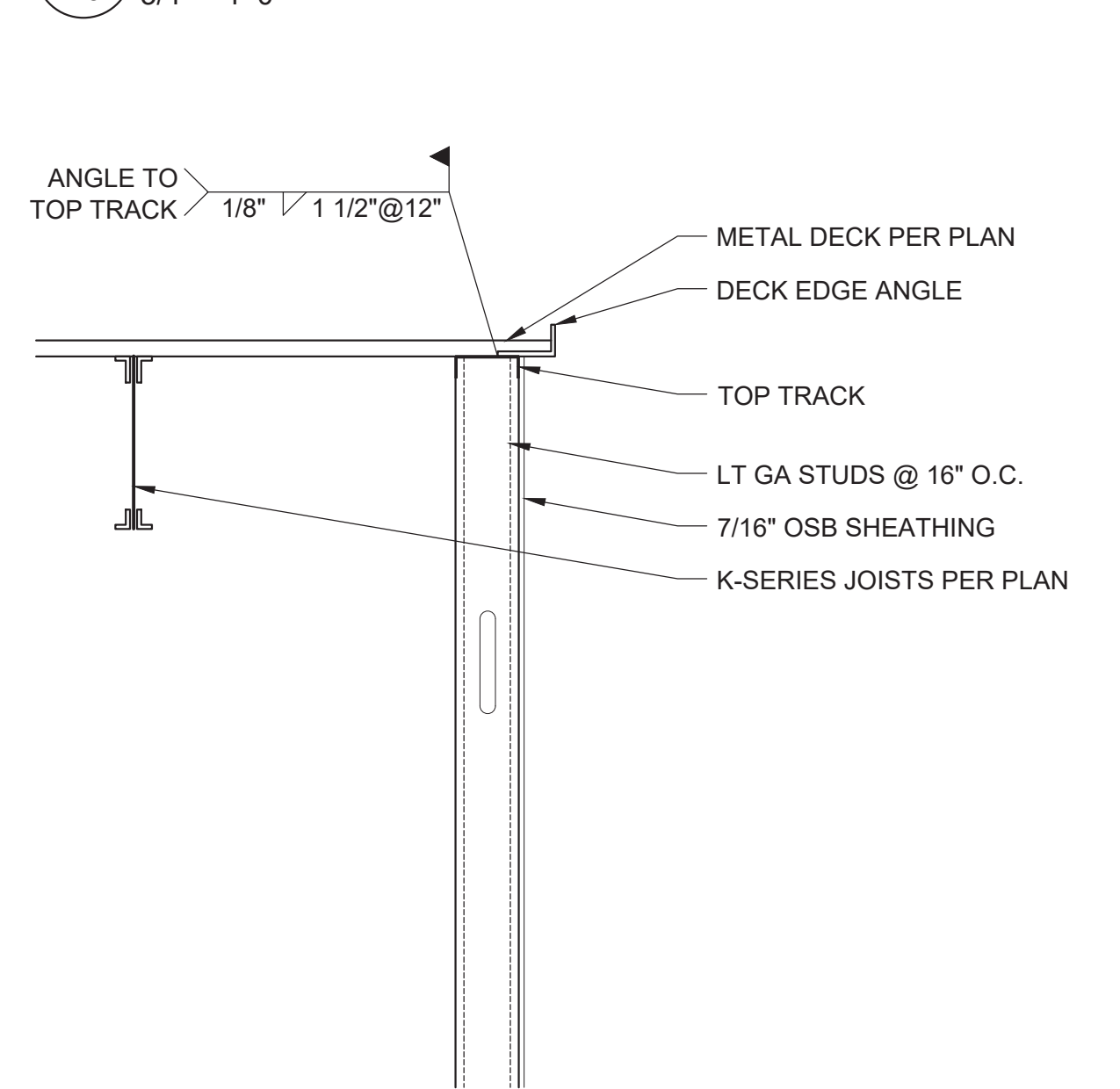
9 K-SERIES JOIST AT VARYING ORIENTATION
S401/ 3/4" = 1'-0"



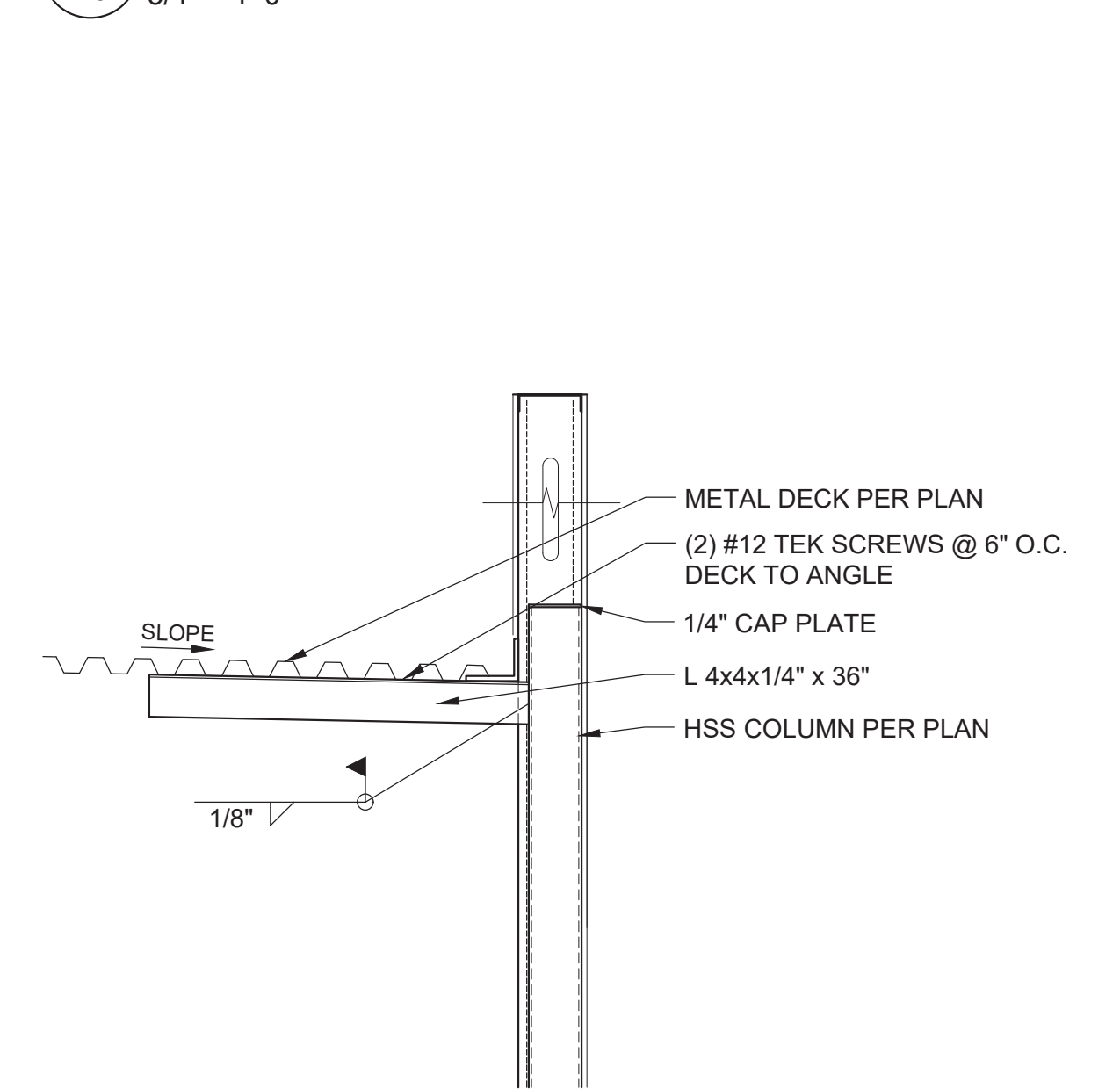
10 K-SERIES JOIST AT VARYING ORIENTATION
S401/ 3/4" = 1'-0"



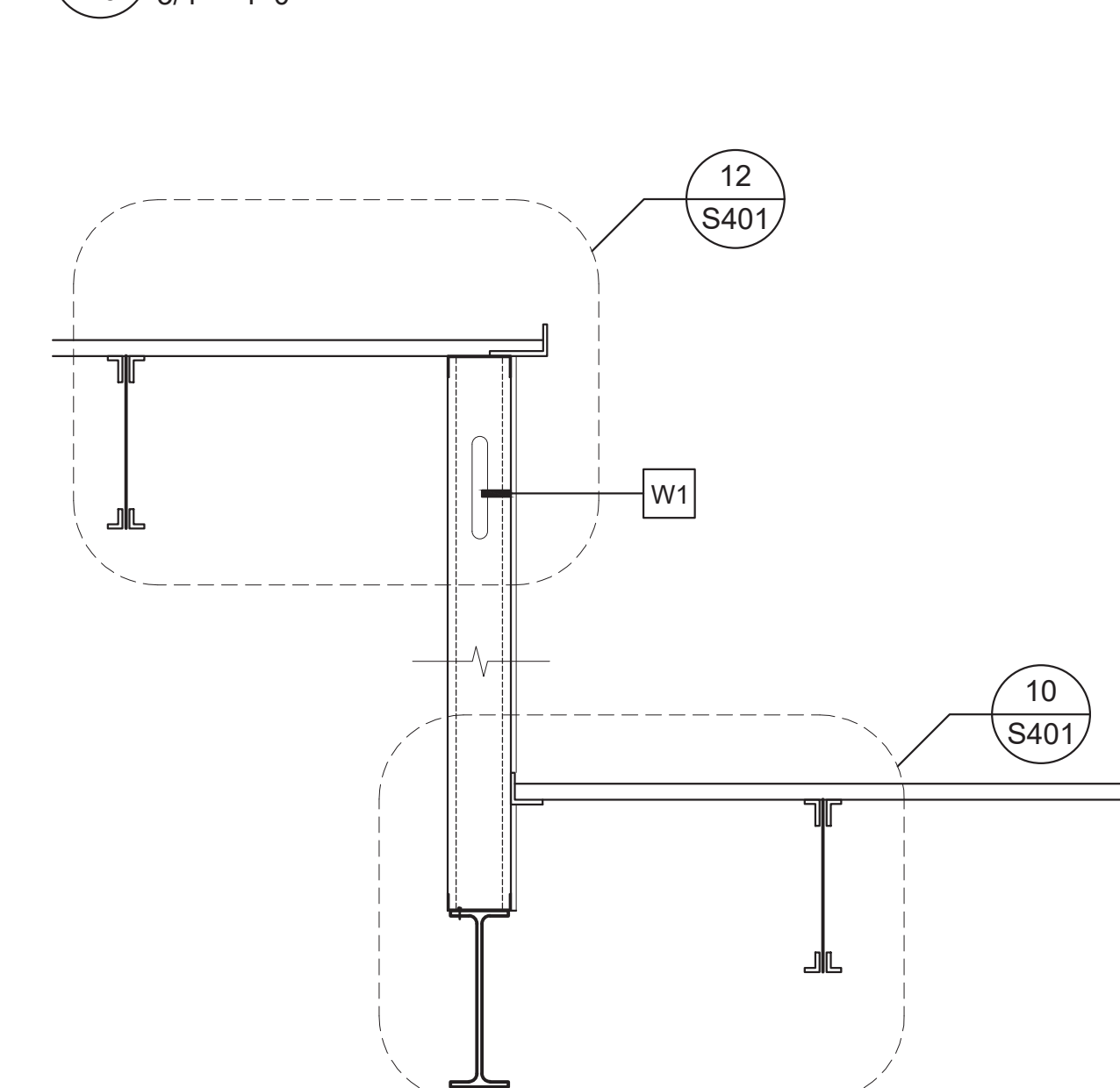
11 K-SERIES JOISTS BEARING AT CLERESTORY
S401/ 3/4" = 1'-0"



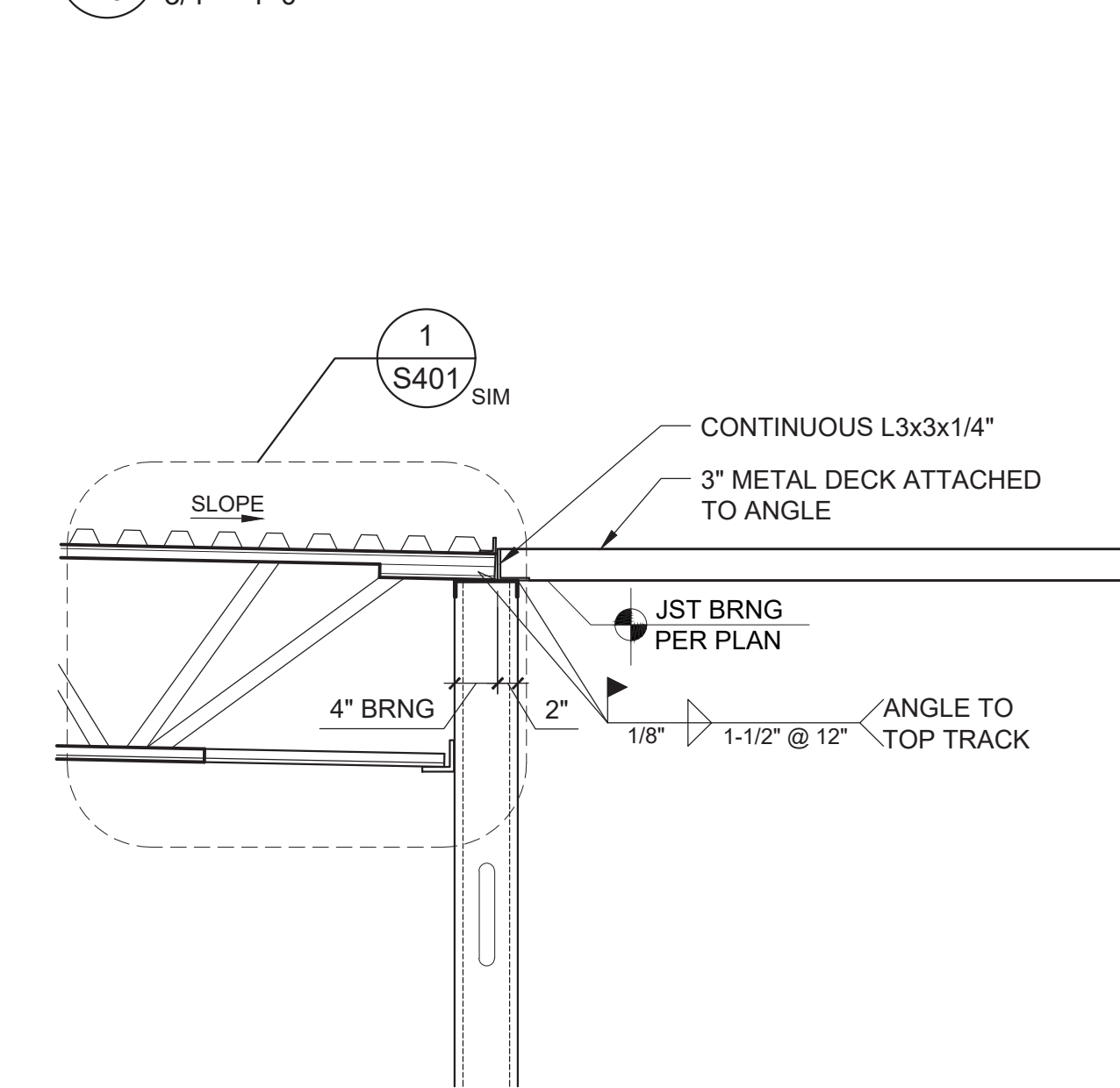
12 ROOF DECK EXTENSION OVER TOP OF WALL
S401/ 3/4" = 1'-0"



13 HSS COLUMN WITH DRAG STRUT
S401/ 3/4" = 1'-0"



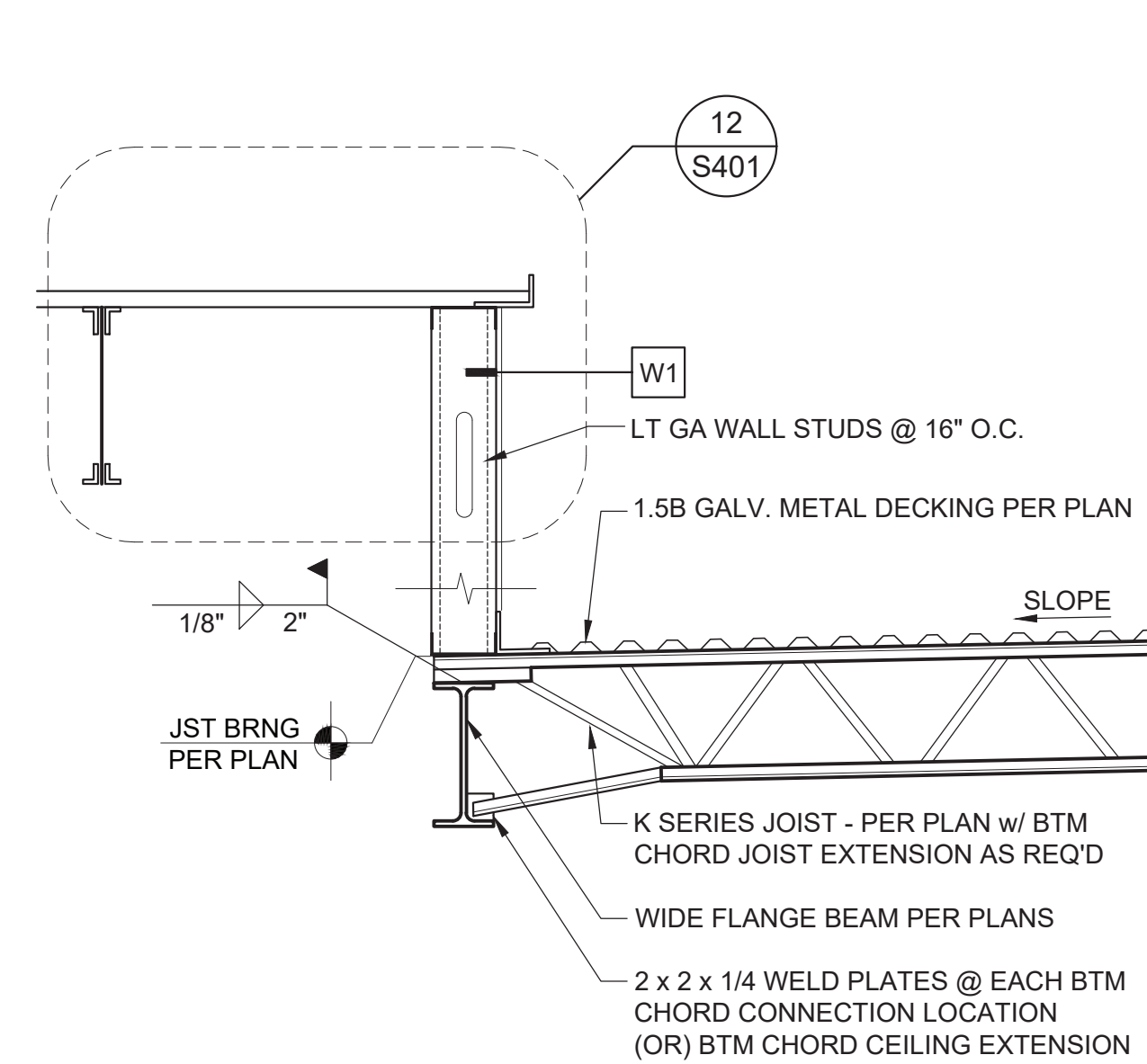
14 CHANGE IN ROOF ELEVATION AT WF BEAM
S401/ 3/4" = 1'-0"



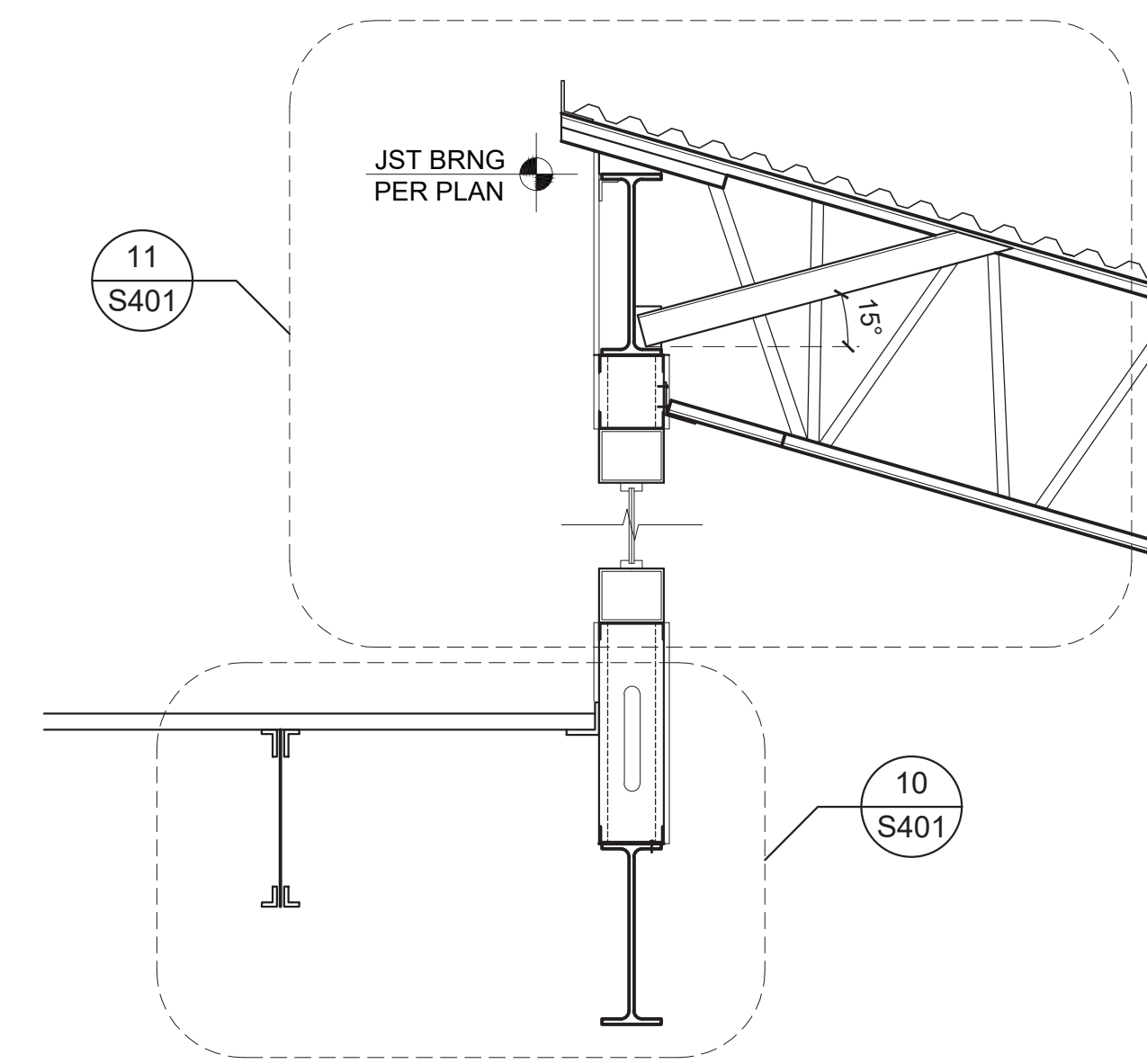
15 K-SERIES AND LT GA JOISTS TO EXTERIOR WALL
S401/ 3/4" = 1'-0" ROOF DECKING IS FLUSH AT BEARING



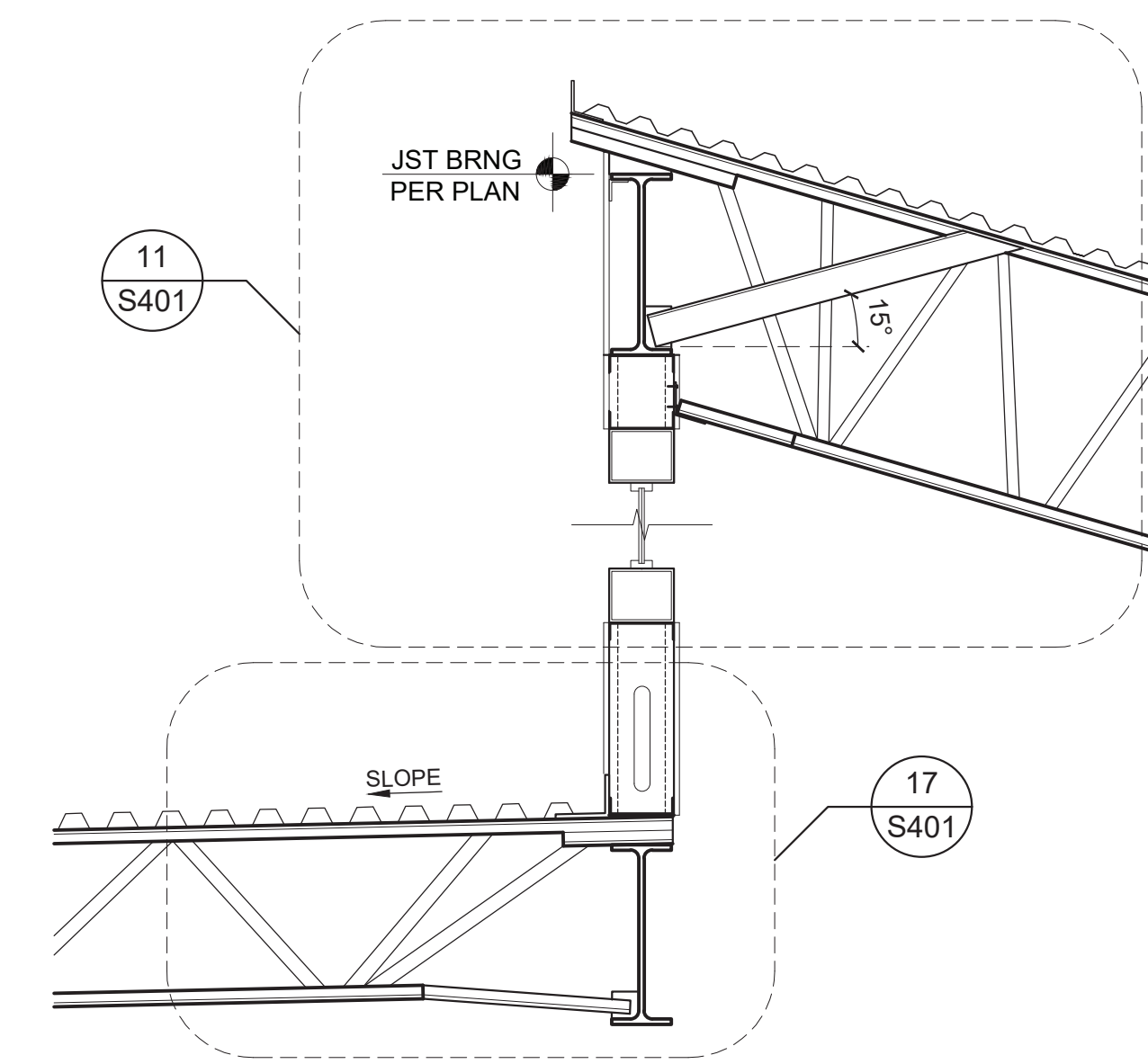
16 NOT USED
S401/ 3/4" = 1'-0"



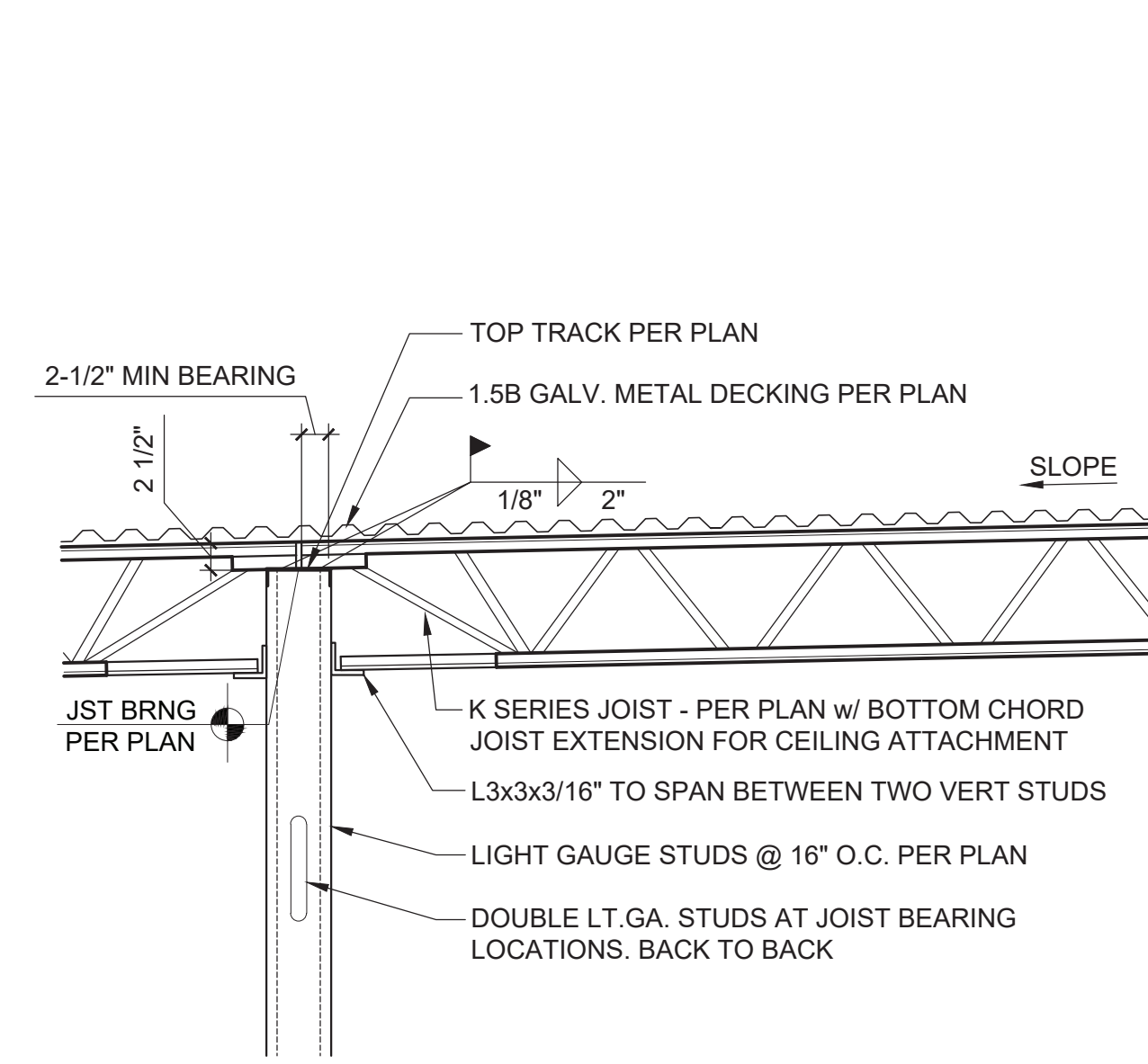
17 CHANGE IN ELEVATION AND DIRECTION AT WF BEAM
S401/ 3/4" = 1'-0"



18 FRAMING AT CLERESTORY
S401/ 3/4" = 1'-0"

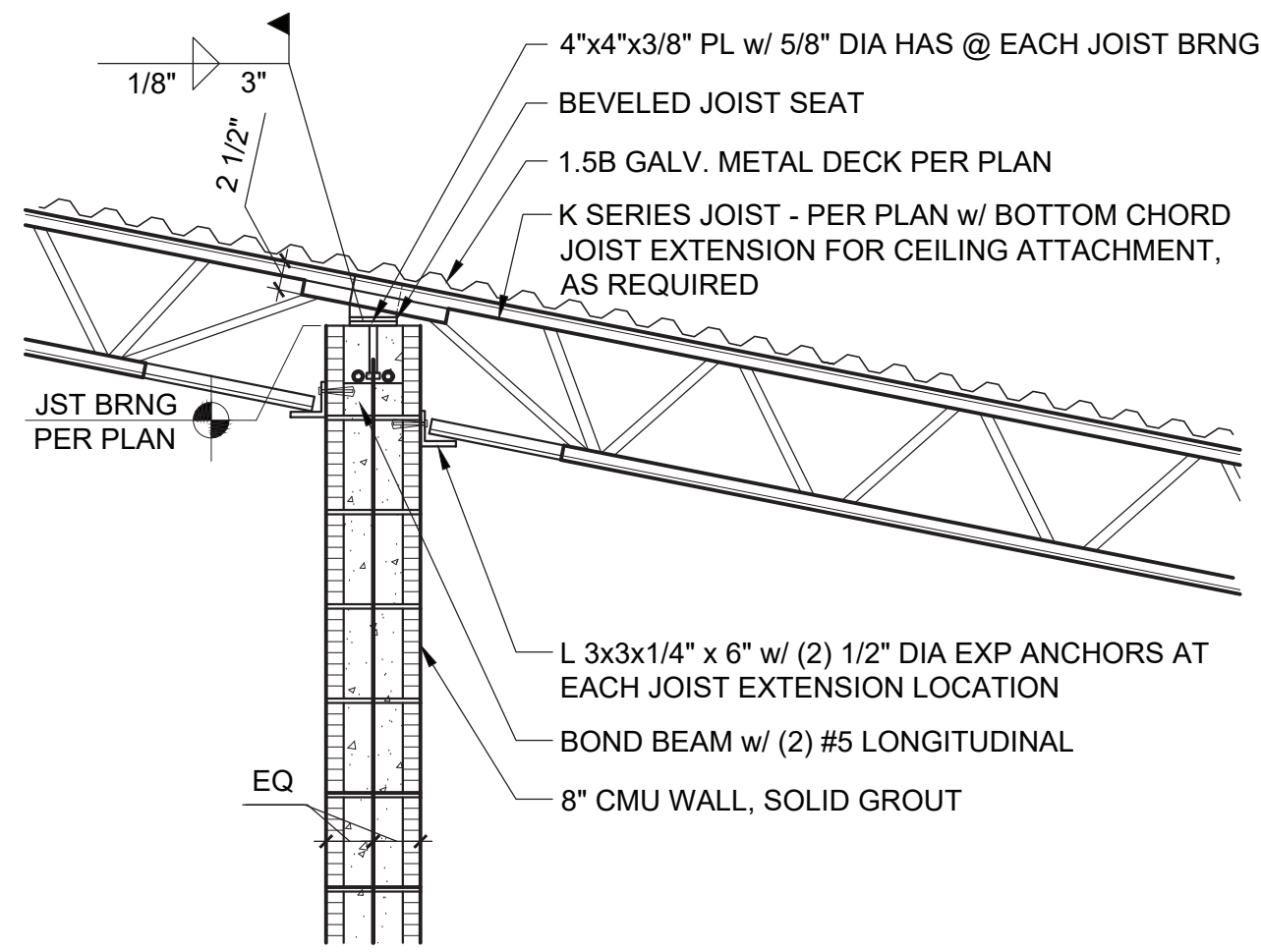


19 FRAMING AT CLERESTORY
S401/ 3/4" = 1'-0"

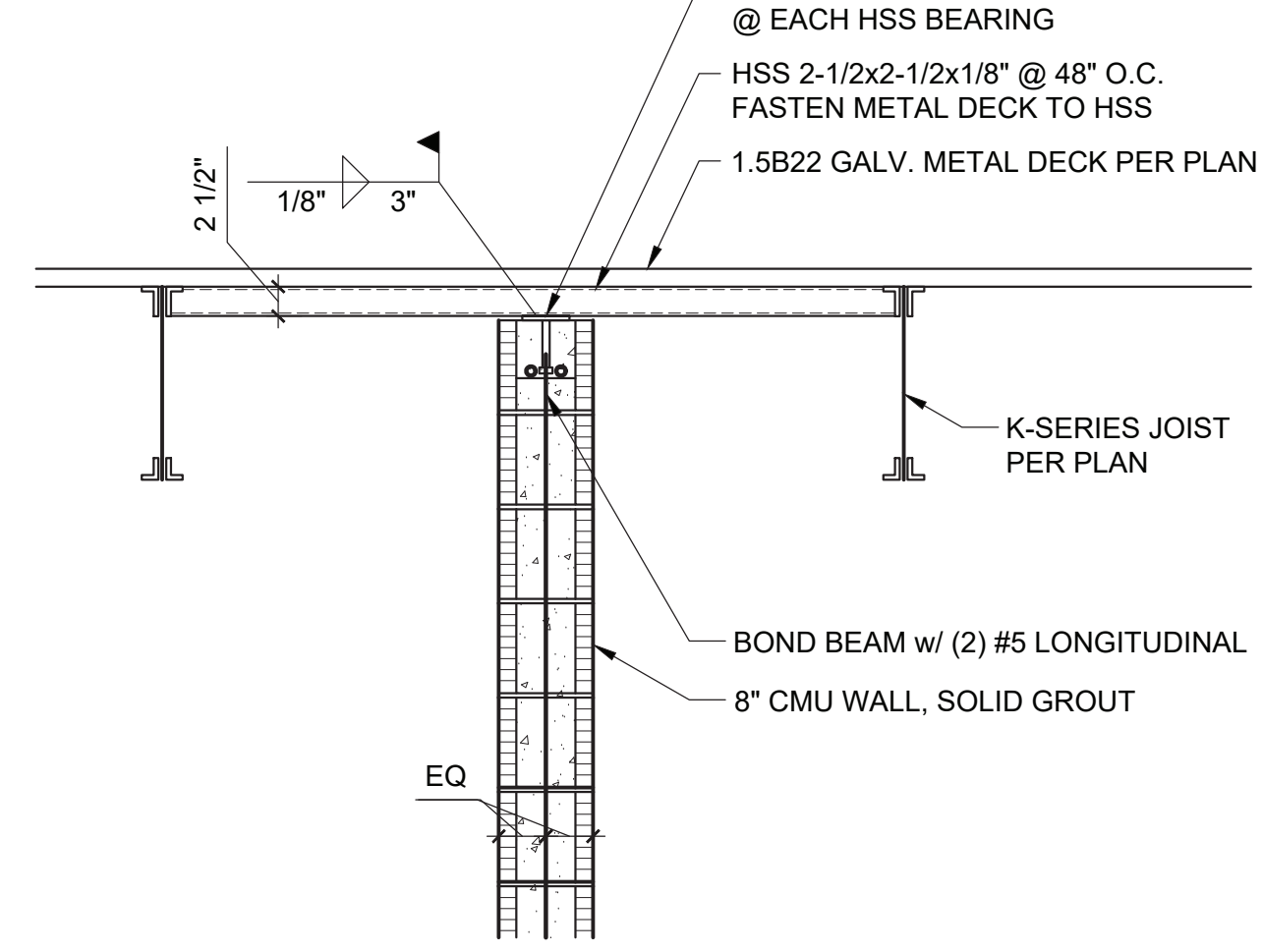


20 K SERIES JOISTS TO INTERMEDIATE BEARING WALL
S401/ 3/4" = 1'-0" JOISTS ARE SLOPED

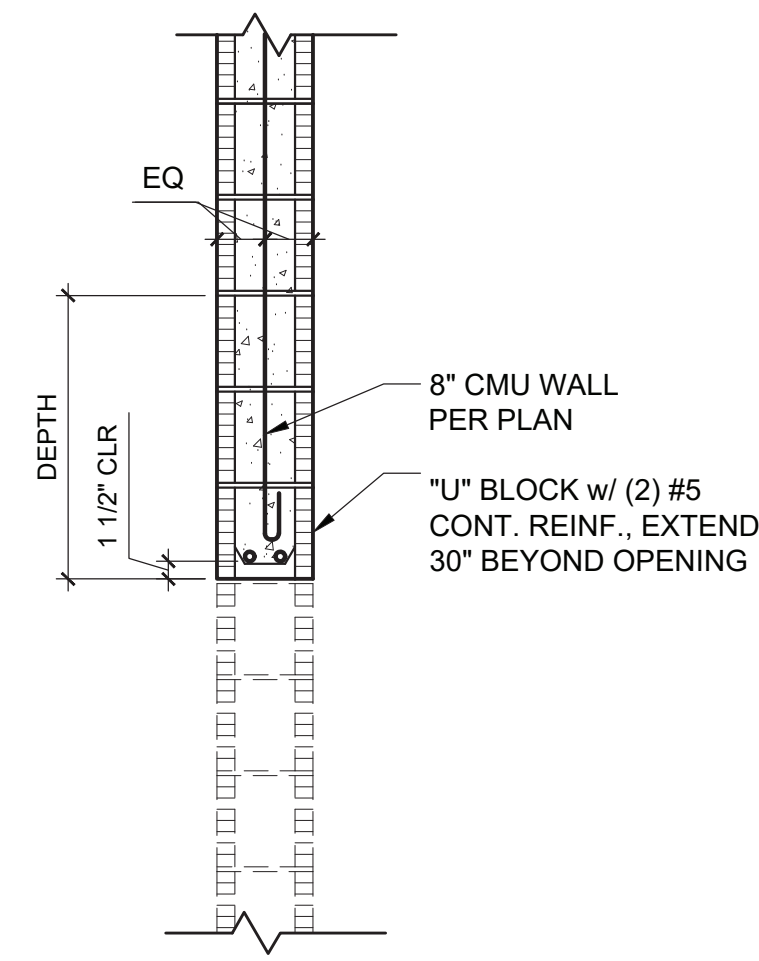
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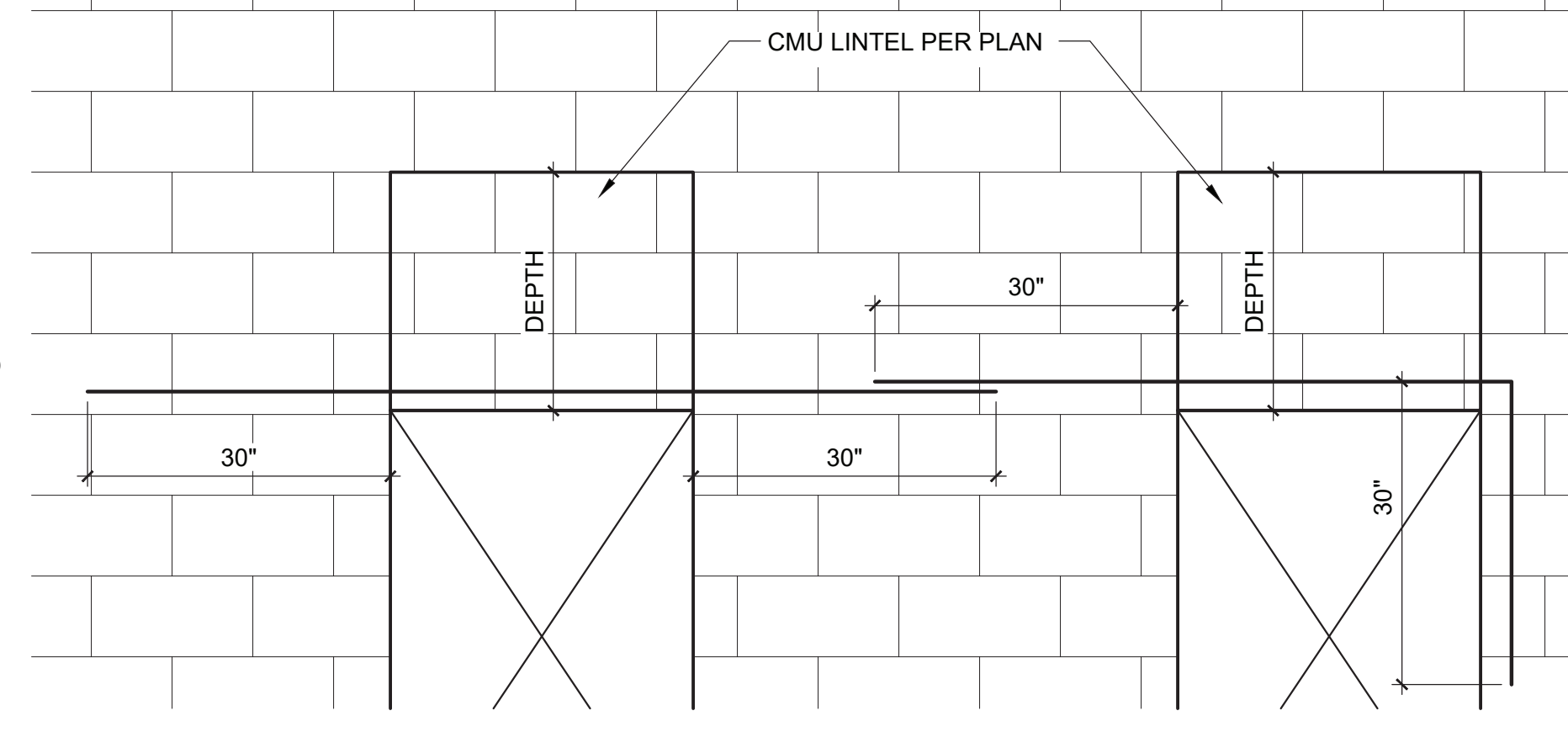
1 K SERIES JOIST BEARING ON CMU WALL
S402/ 3/4" = 1'-0"



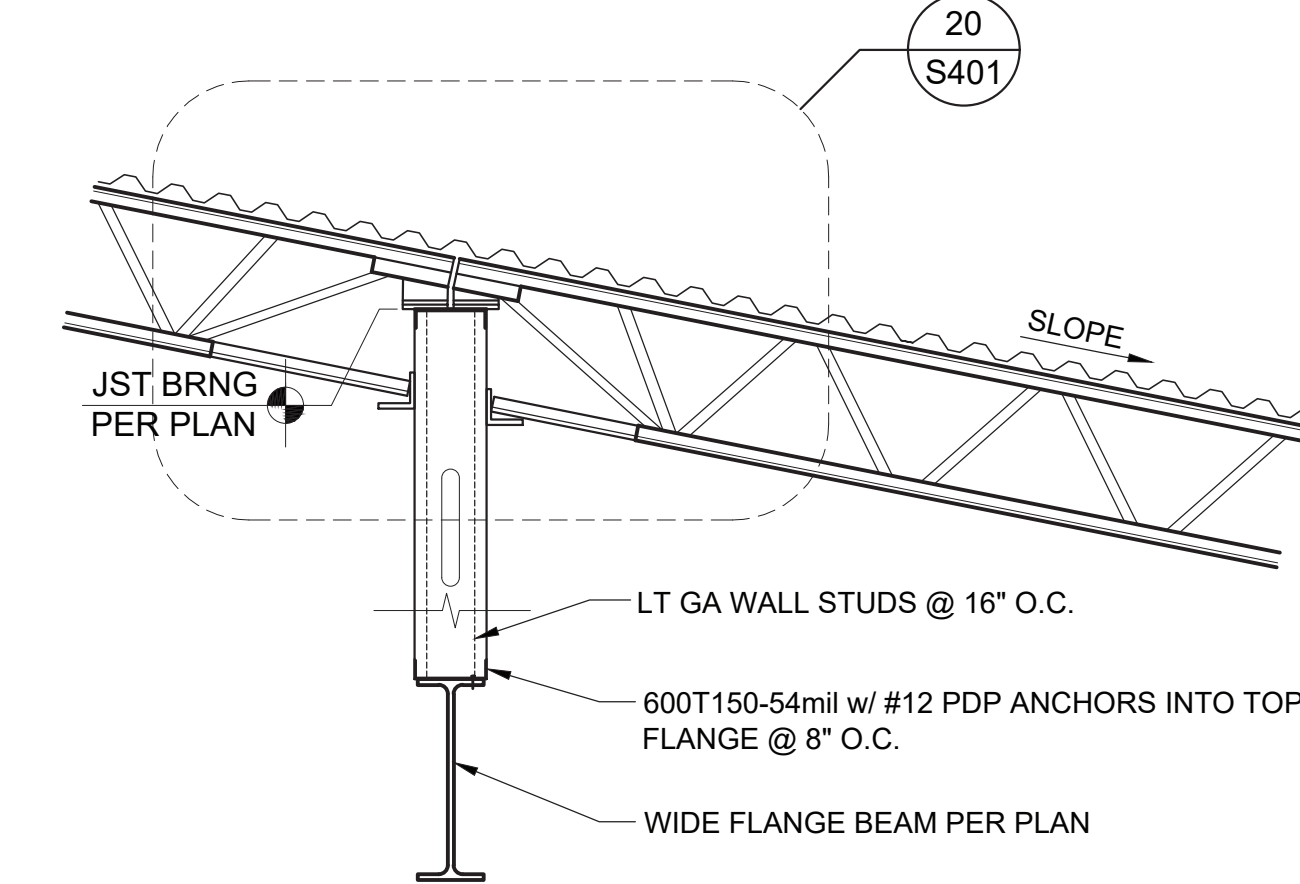
2 K SERIES JOISTS PARALLEL TO CMU WALL
S402/ 3/4" = 1'-0"



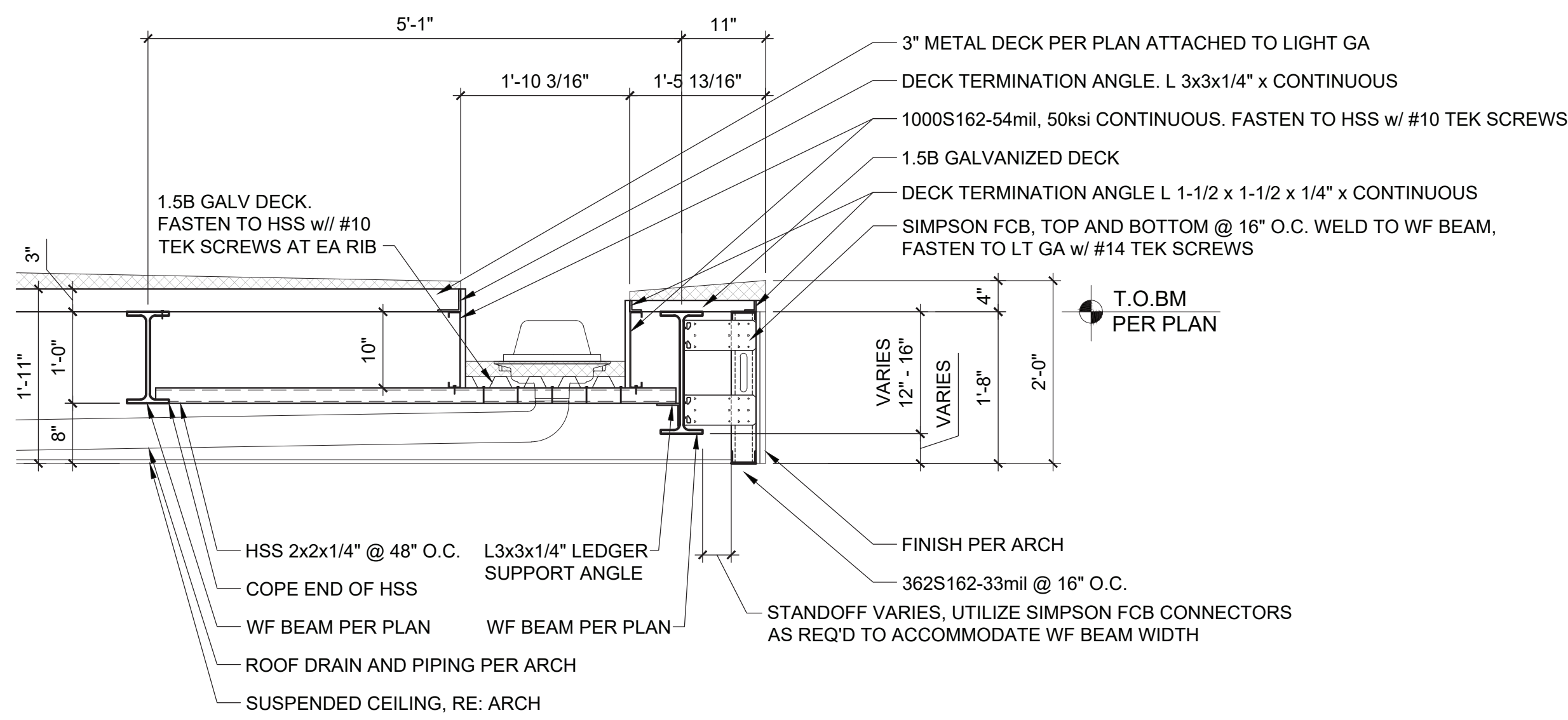
3 CMU LINTEL
S402/ 3/4" = 1'-0"



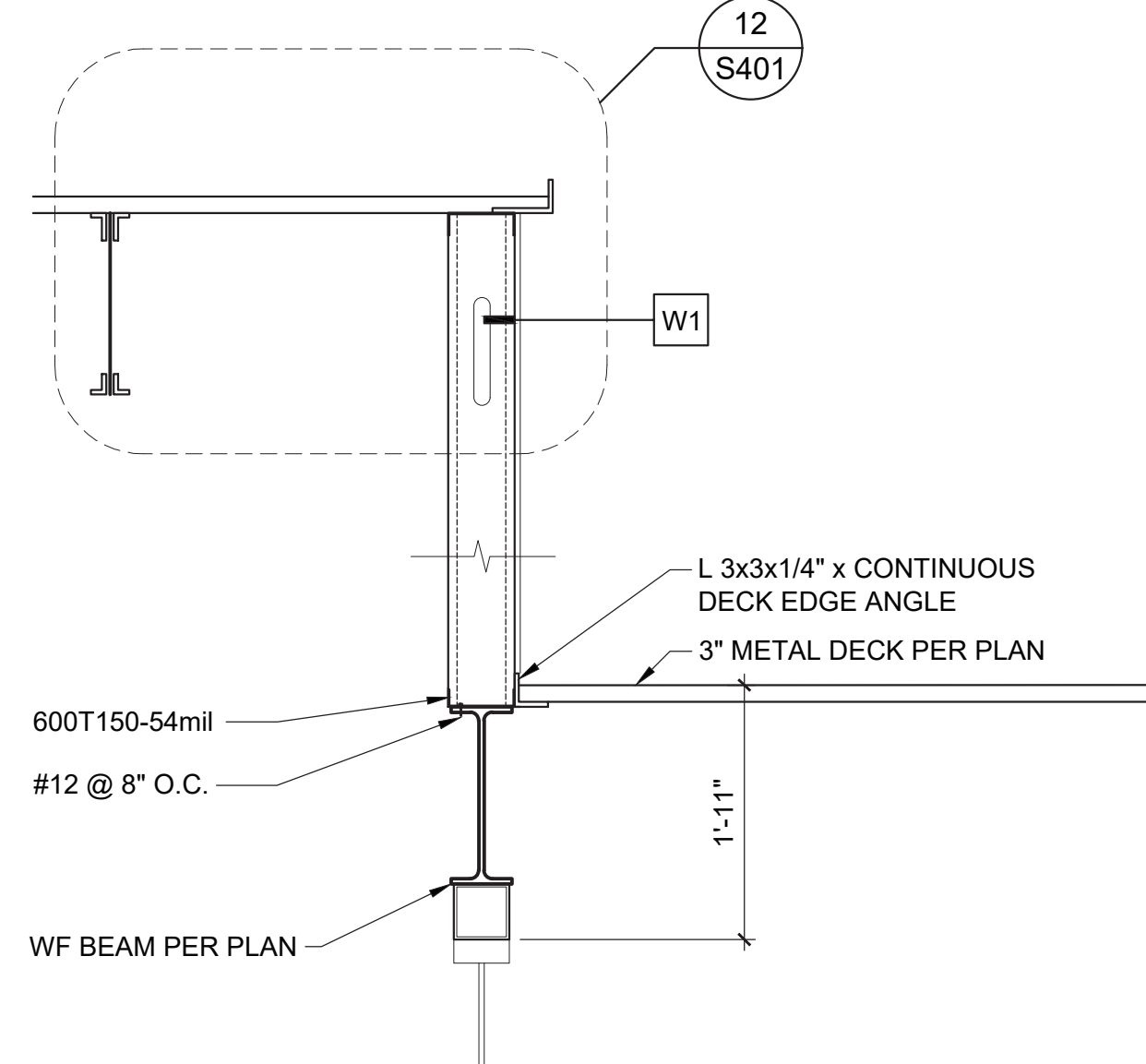
ELEVATION



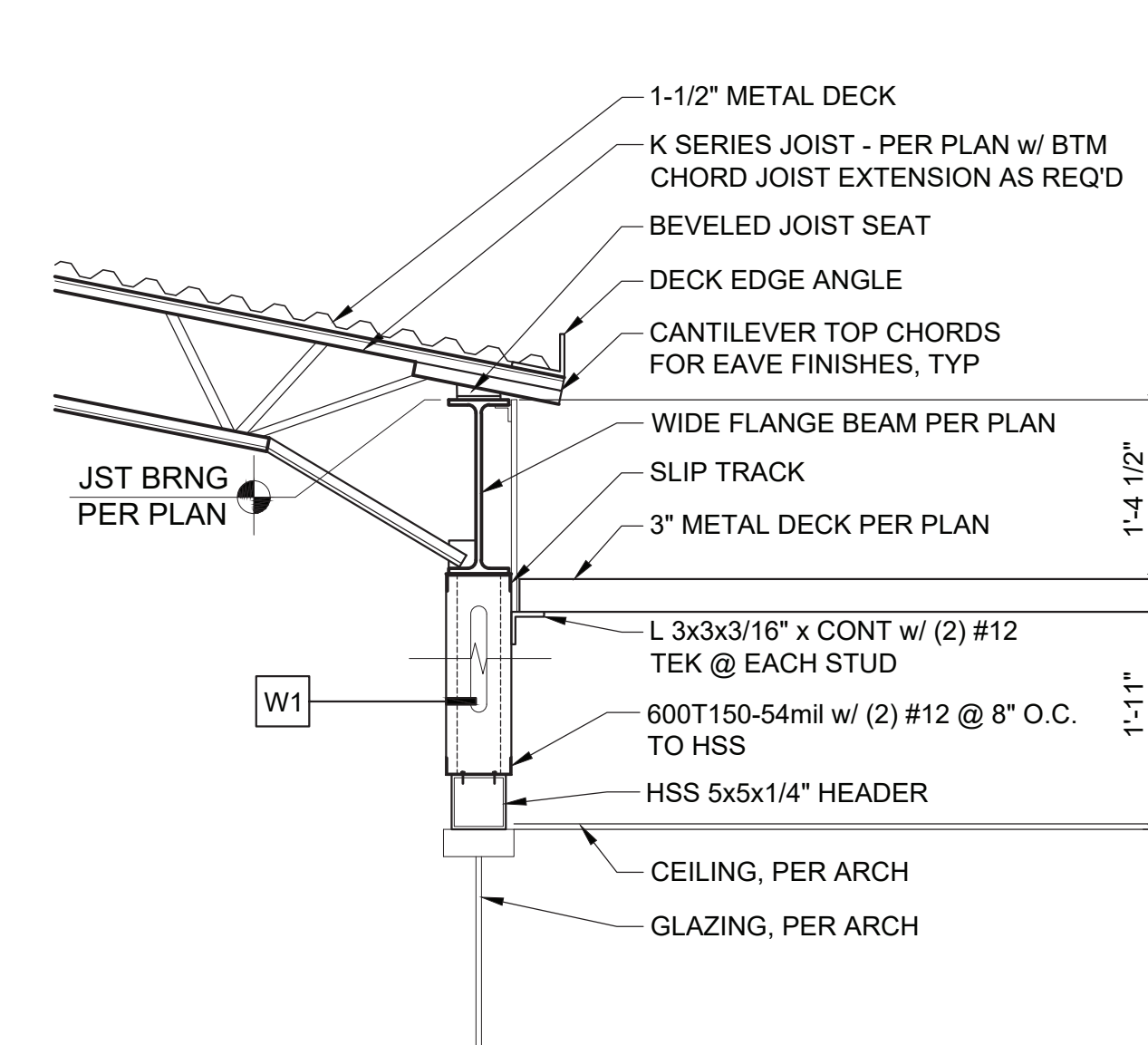
4 K SERIES JOISTS TO LT GA WALL OVER WF BEAM
S402/ 3/4" = 1'-0"



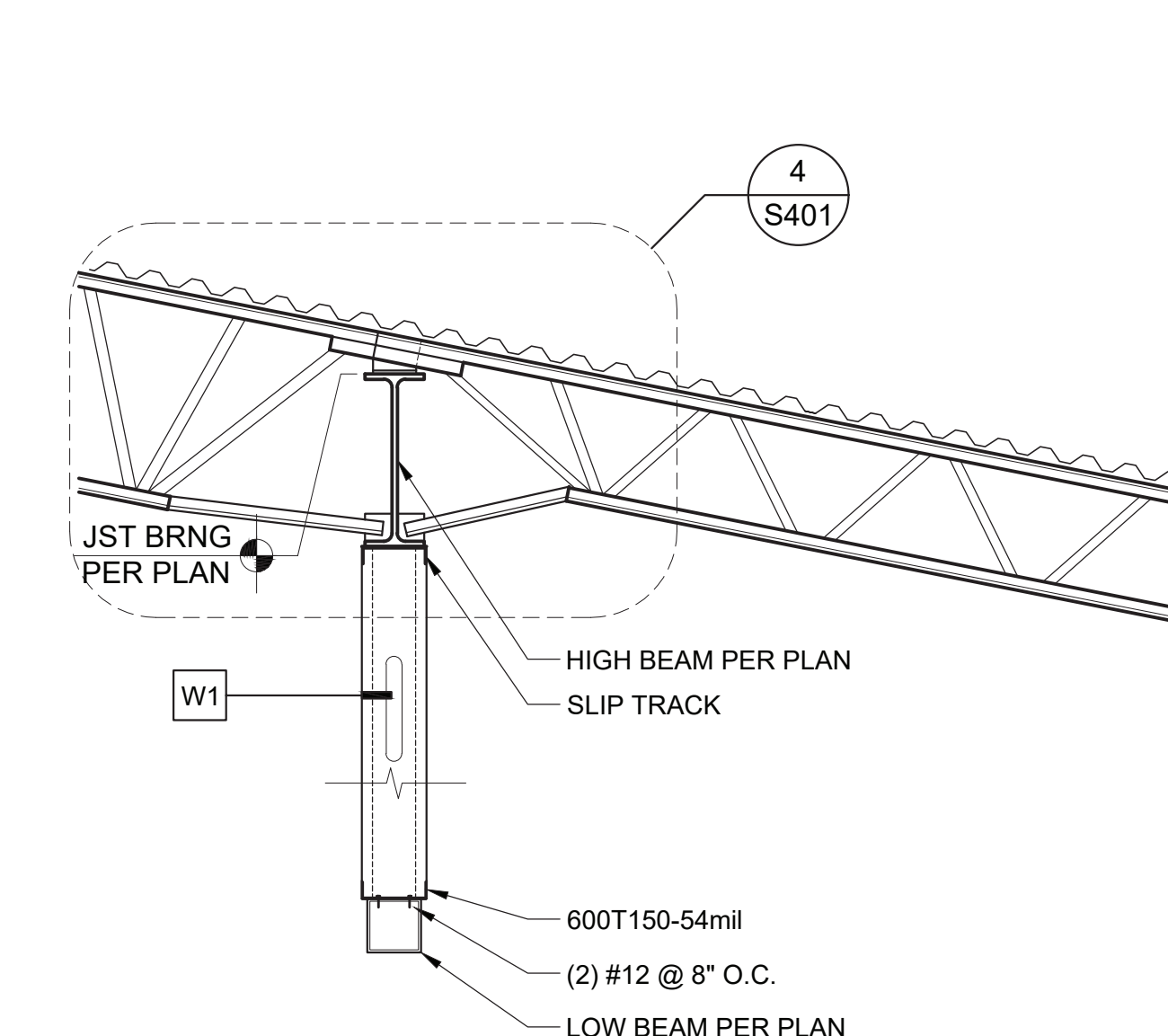
5 FRAMING AT ROOF GUTTER
S402/ 3/4" = 1'-0"



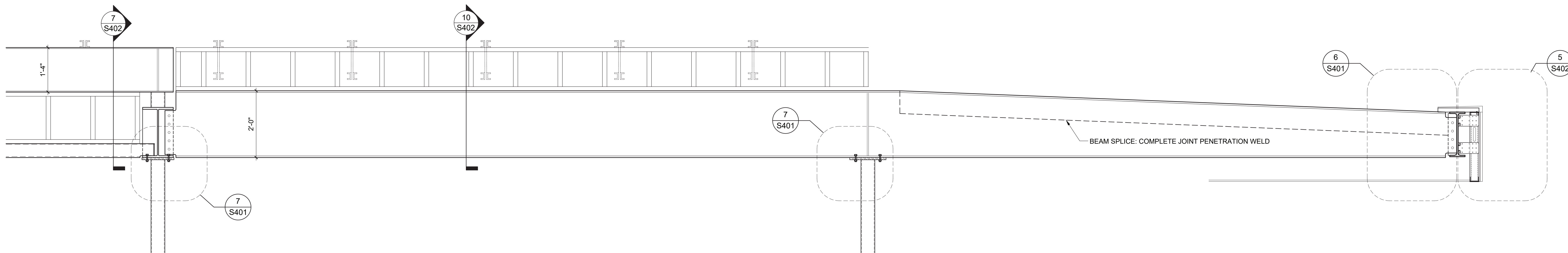
6 METAL DECK TO END WALL FRAMING OVER WF BM
S402/ 3/4" = 1'-0"



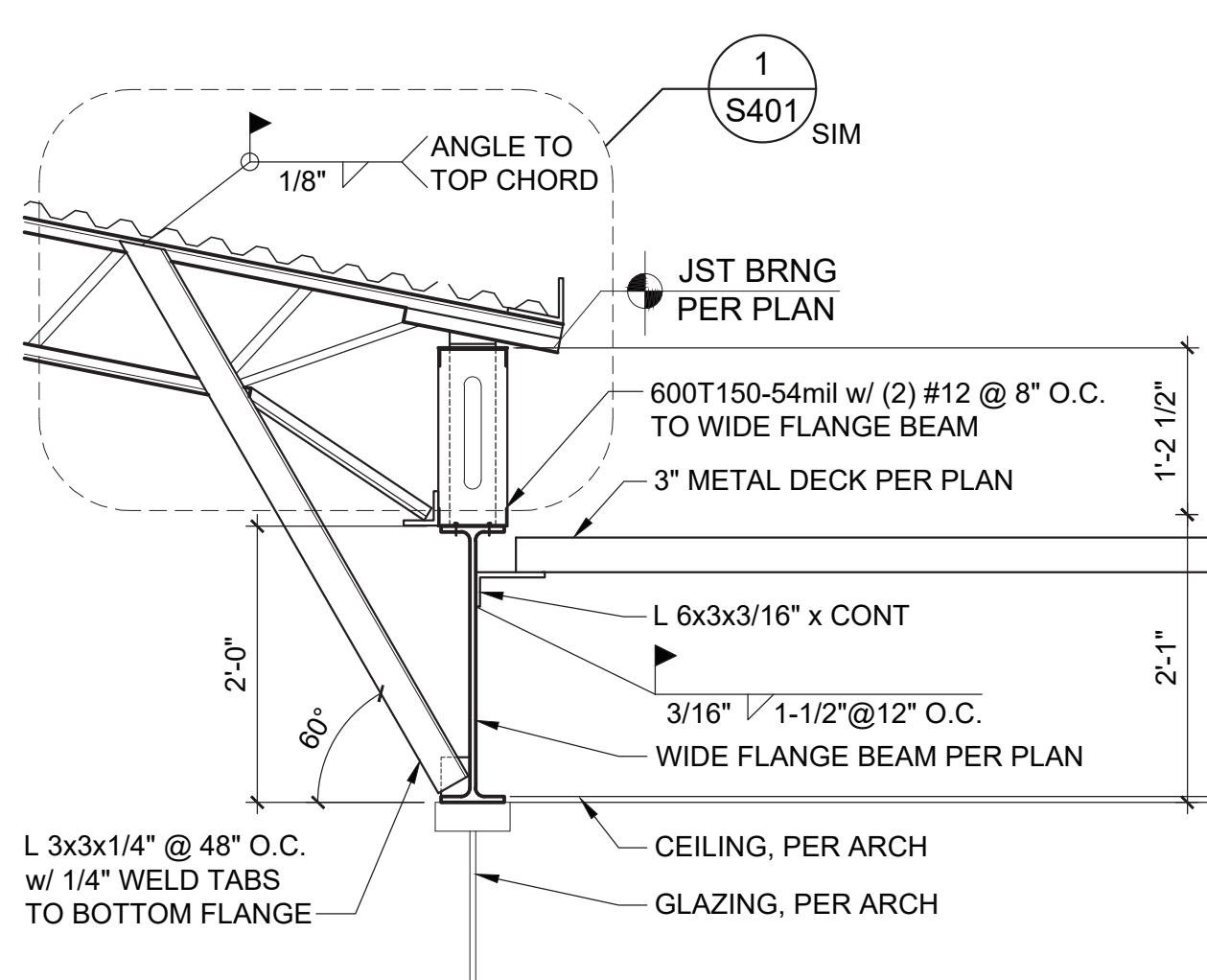
7 CANOPY TO WIDE FLANGE BEAM
S402/ 3/4" = 1'-0"



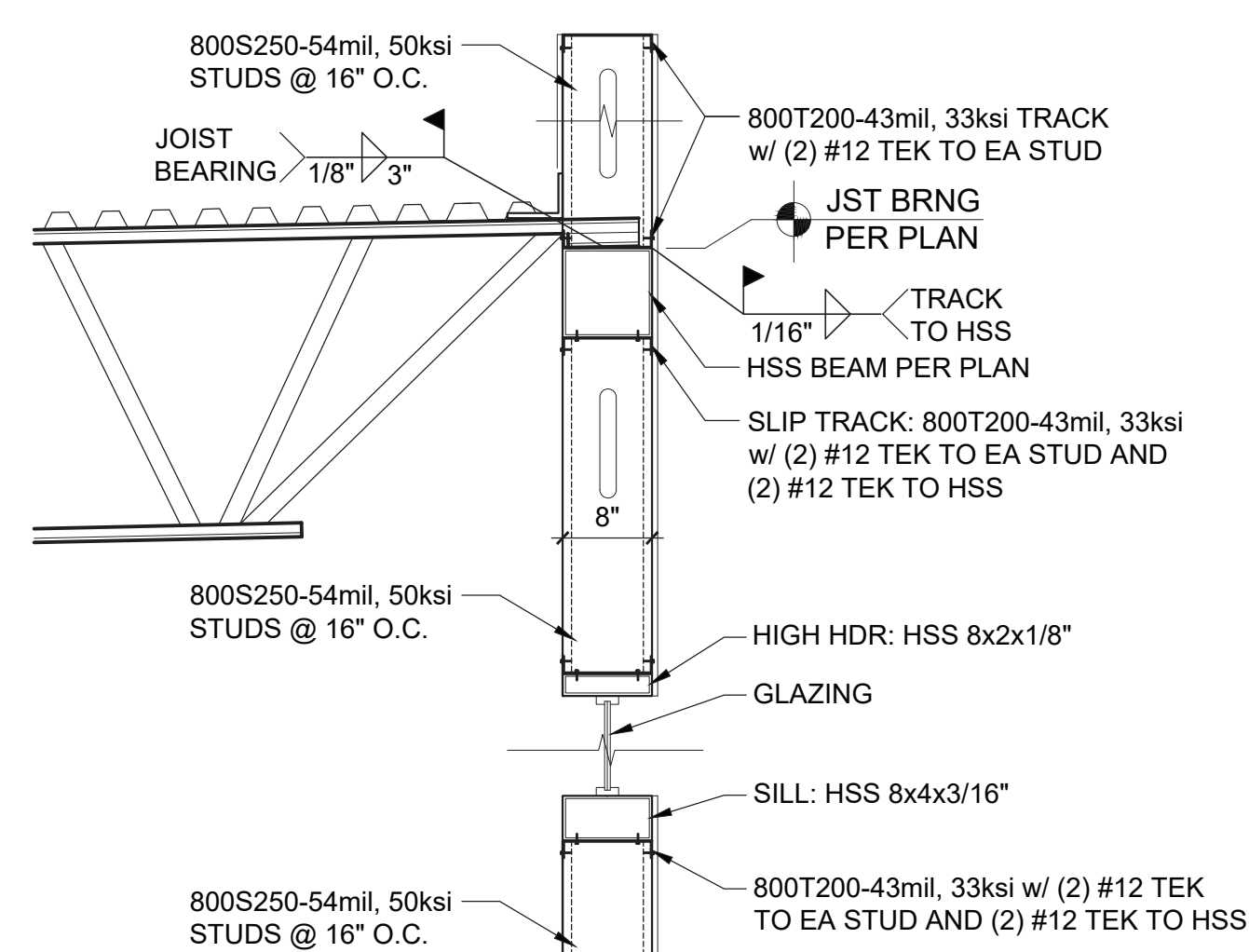
8 ROOF BEARING AT HIGH AND LOW BEAMS
S402/ 3/4" = 1'-0"



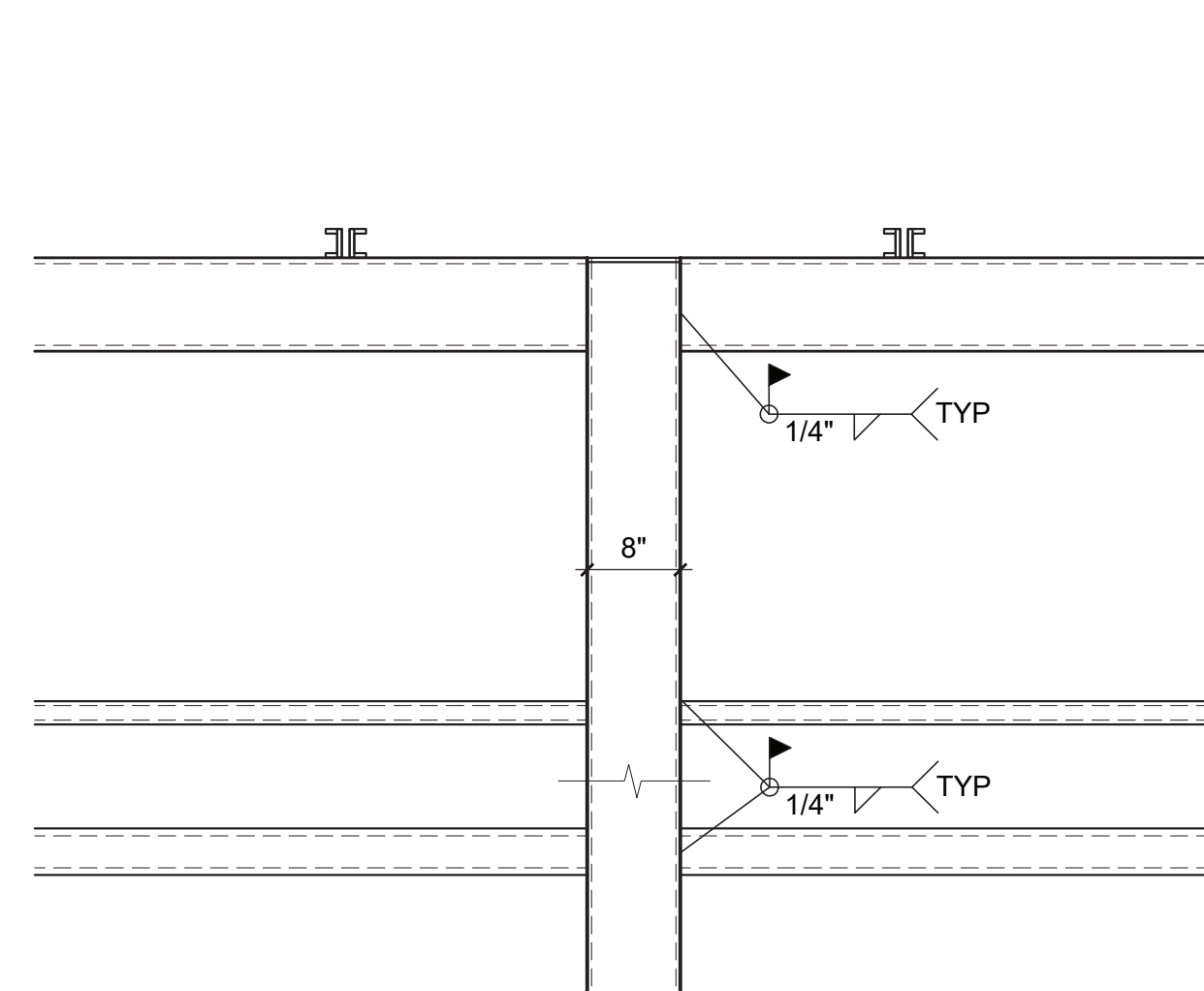
9 FRAMING AT TAPERED WIDE FLANGE BEAM
S402/ 3/4" = 1'-0"



10 CANOPY TO 24" WIDE FLANGE BEAM
S402/ 3/4" = 1'-0"



11 FRAMING AT GYMNASIUM ROOF TO EXTERIOR WALL
S402/ 3/4" = 1'-0"



12 CHANGE IN DECK DIRECTION
S402/ 3/4" = 1'-0"

INTERIOR LOAD BEARING WALL

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CD	DATE	DESCRIPTION
CS	12.22.2003	PERMIT

MARK

PAA JOB NO: 201211

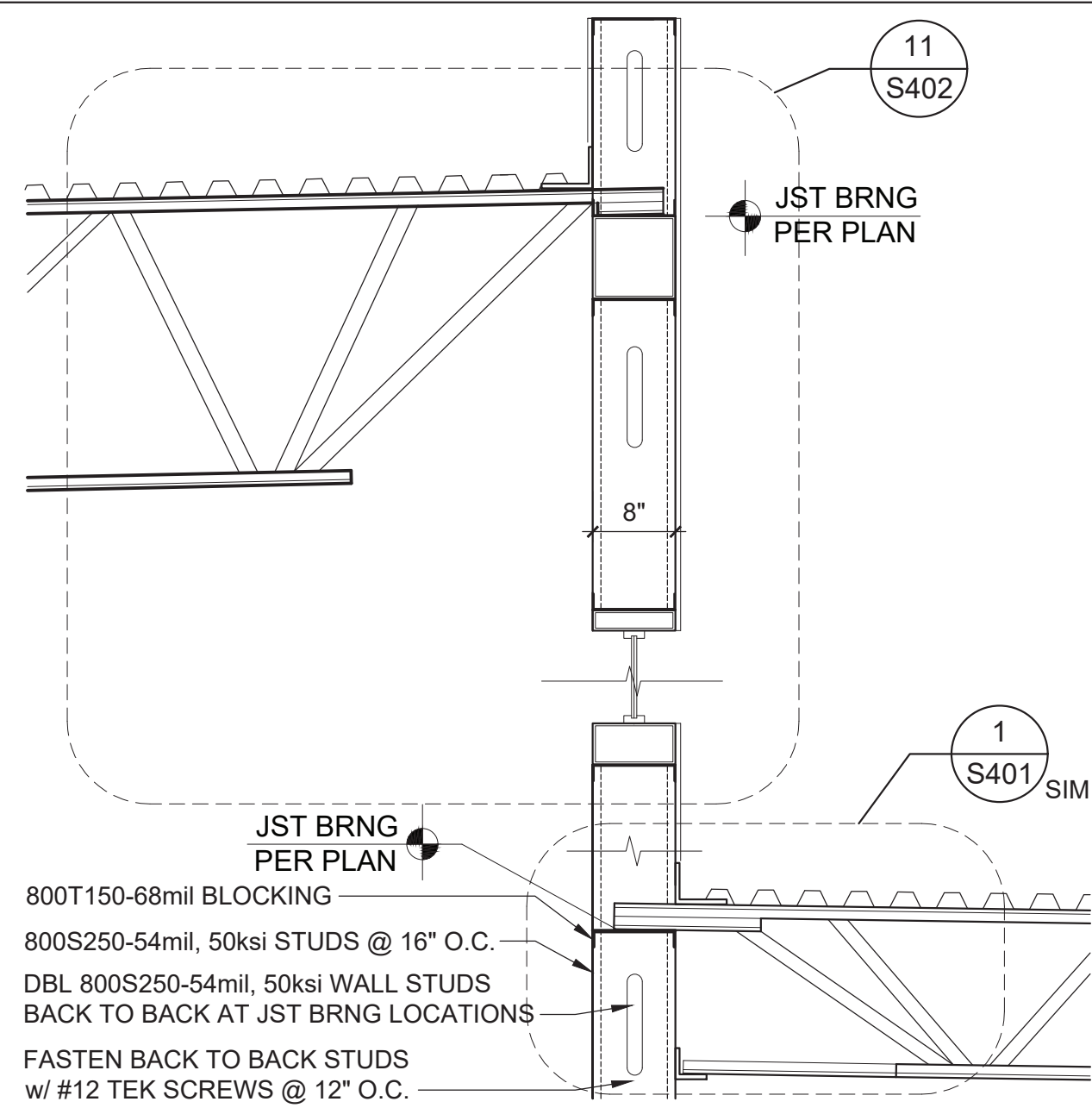
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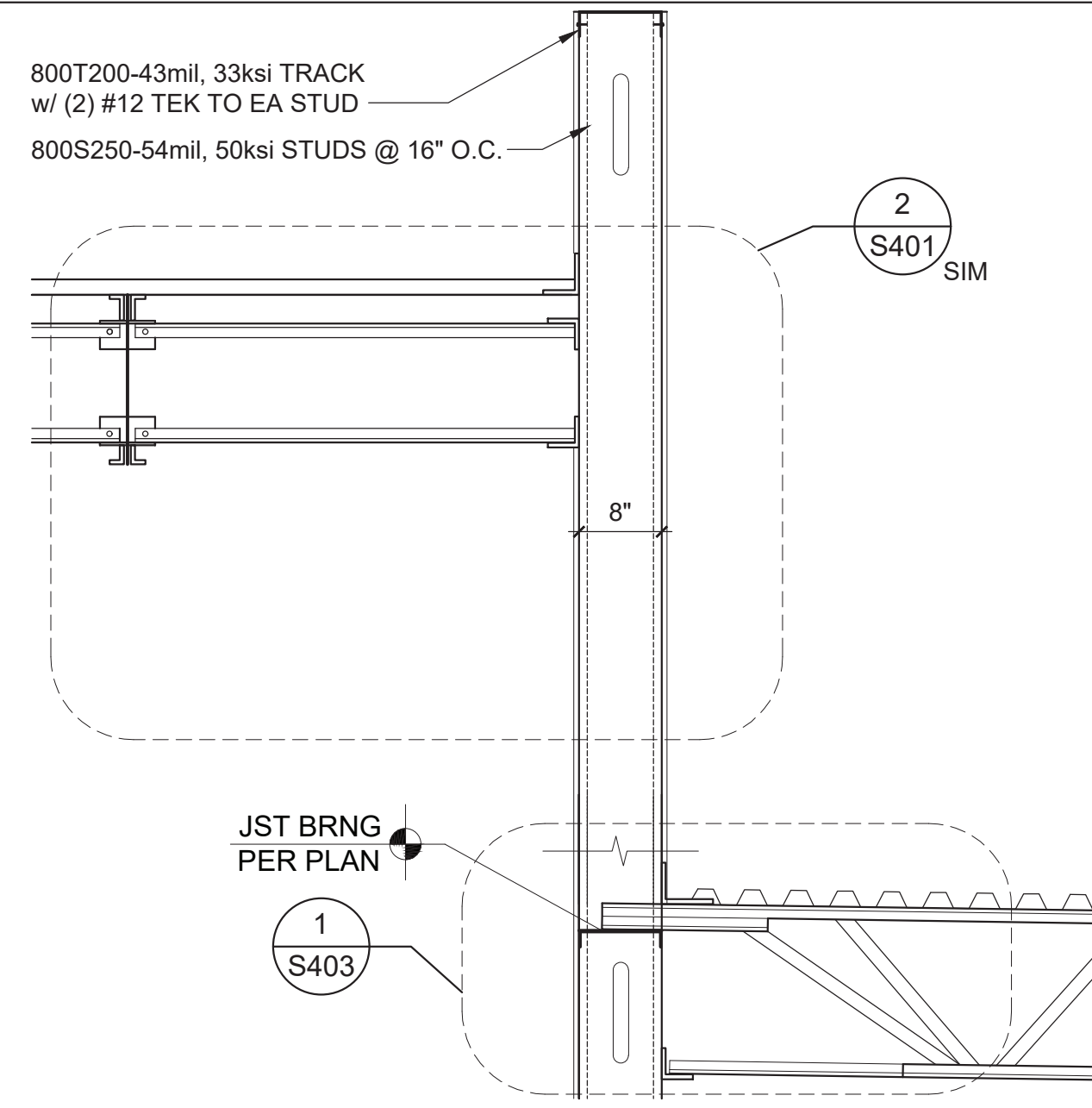
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FRAMING
DETAILS

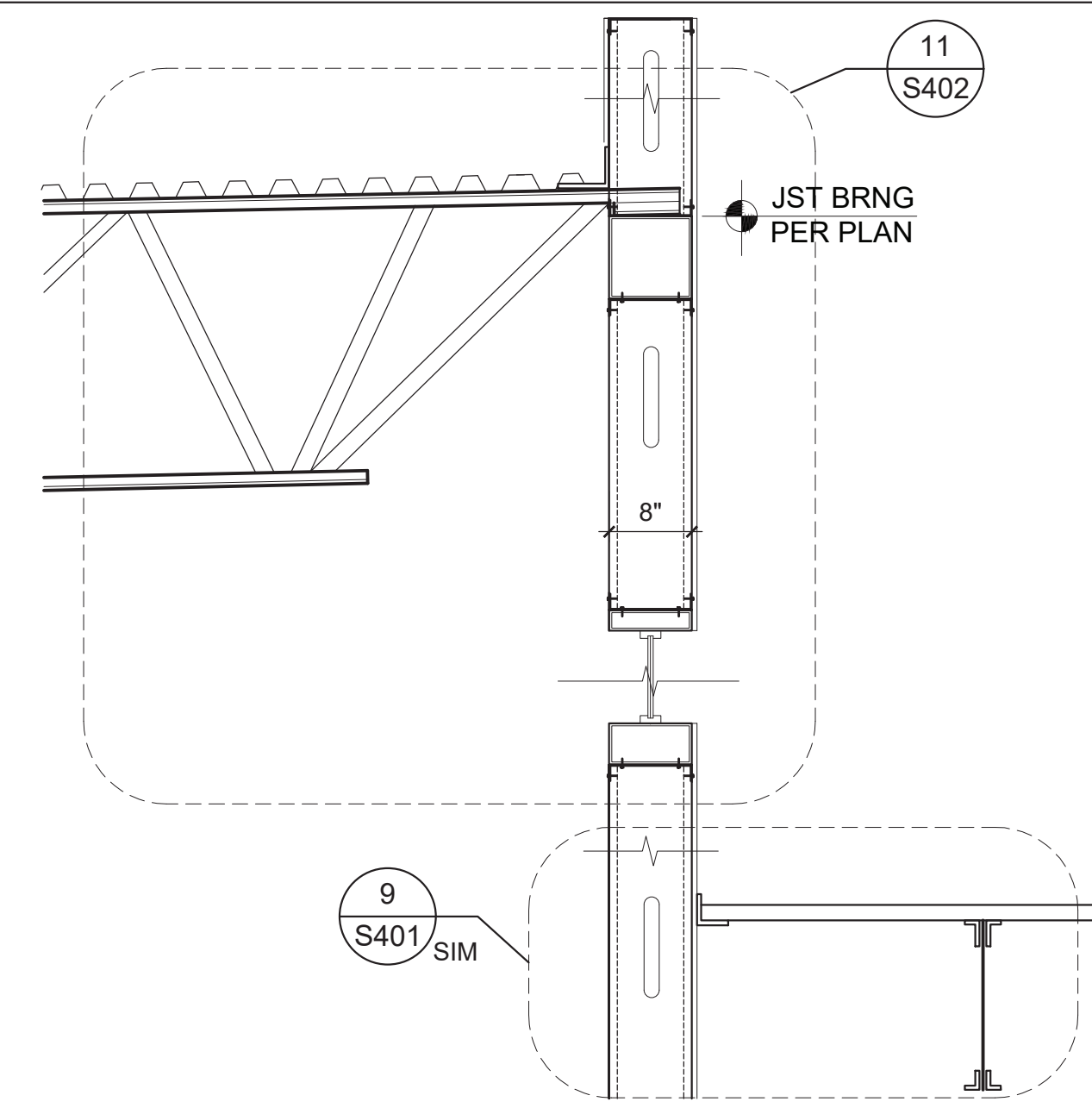
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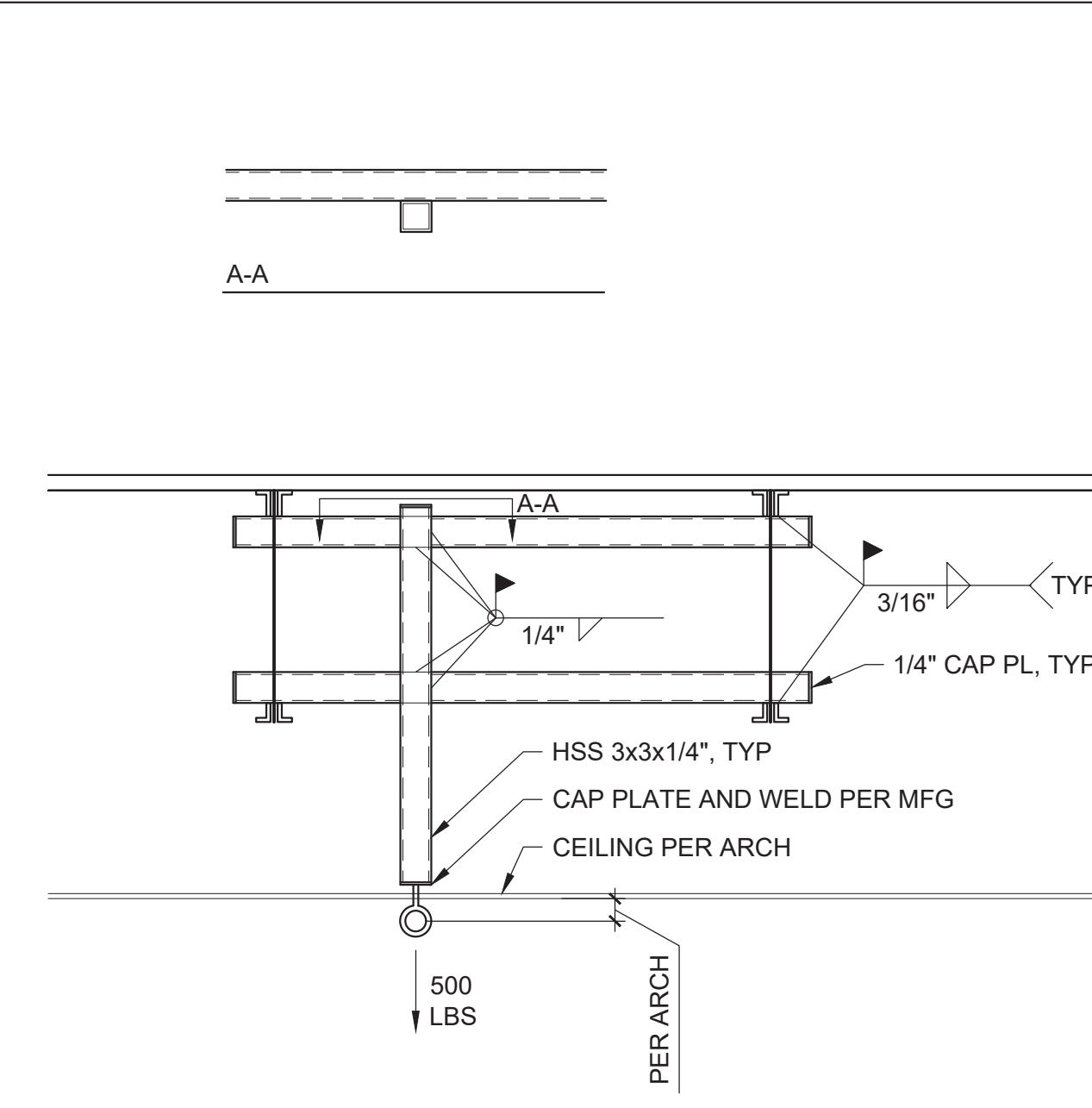
1 JOISTS AT VARYING HEIGHTS
S403 / 3/4" = 1'-0"



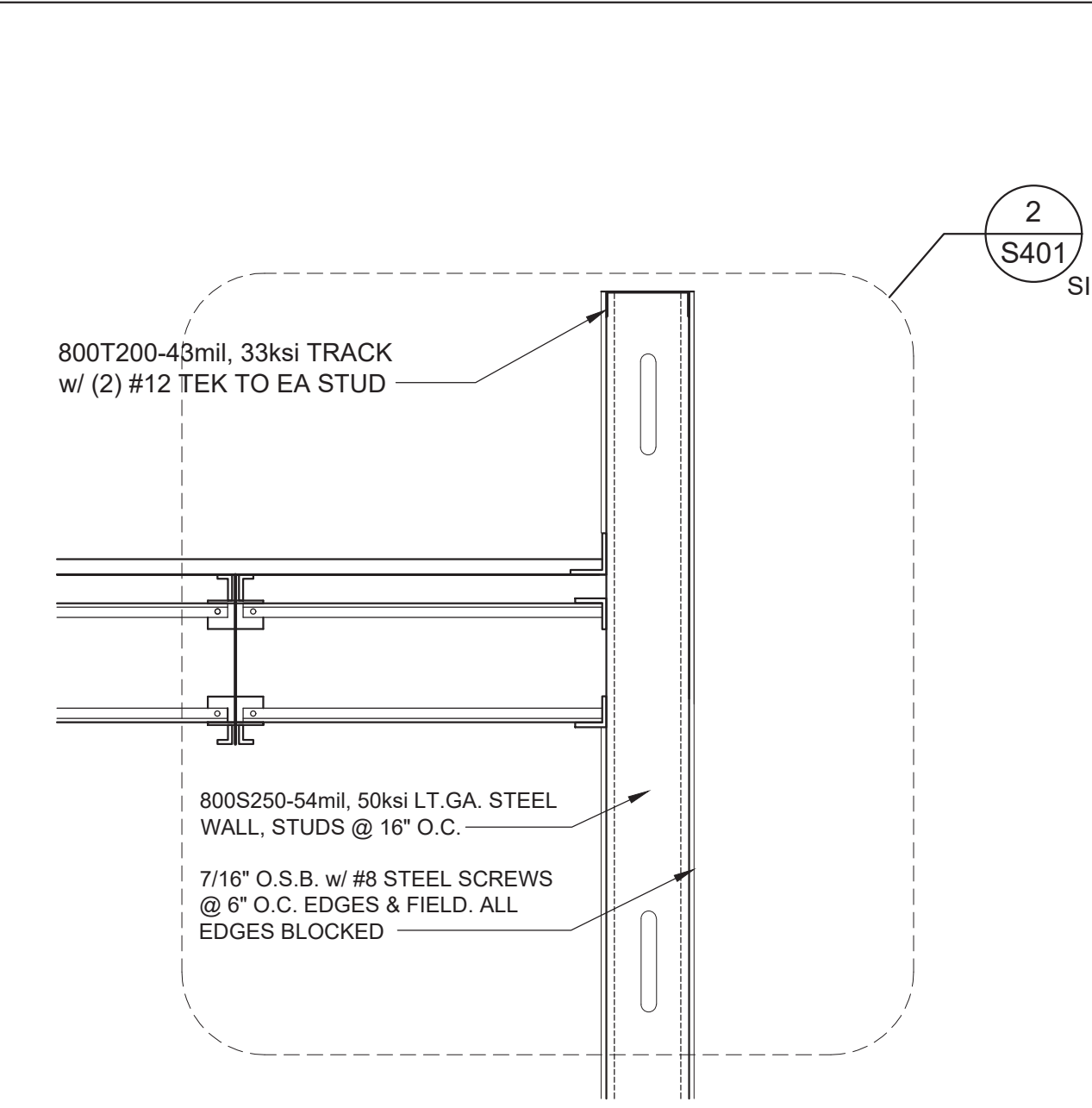
2 JOISTS AT VARYING HEIGHTS
S403 / 3/4" = 1'-0"



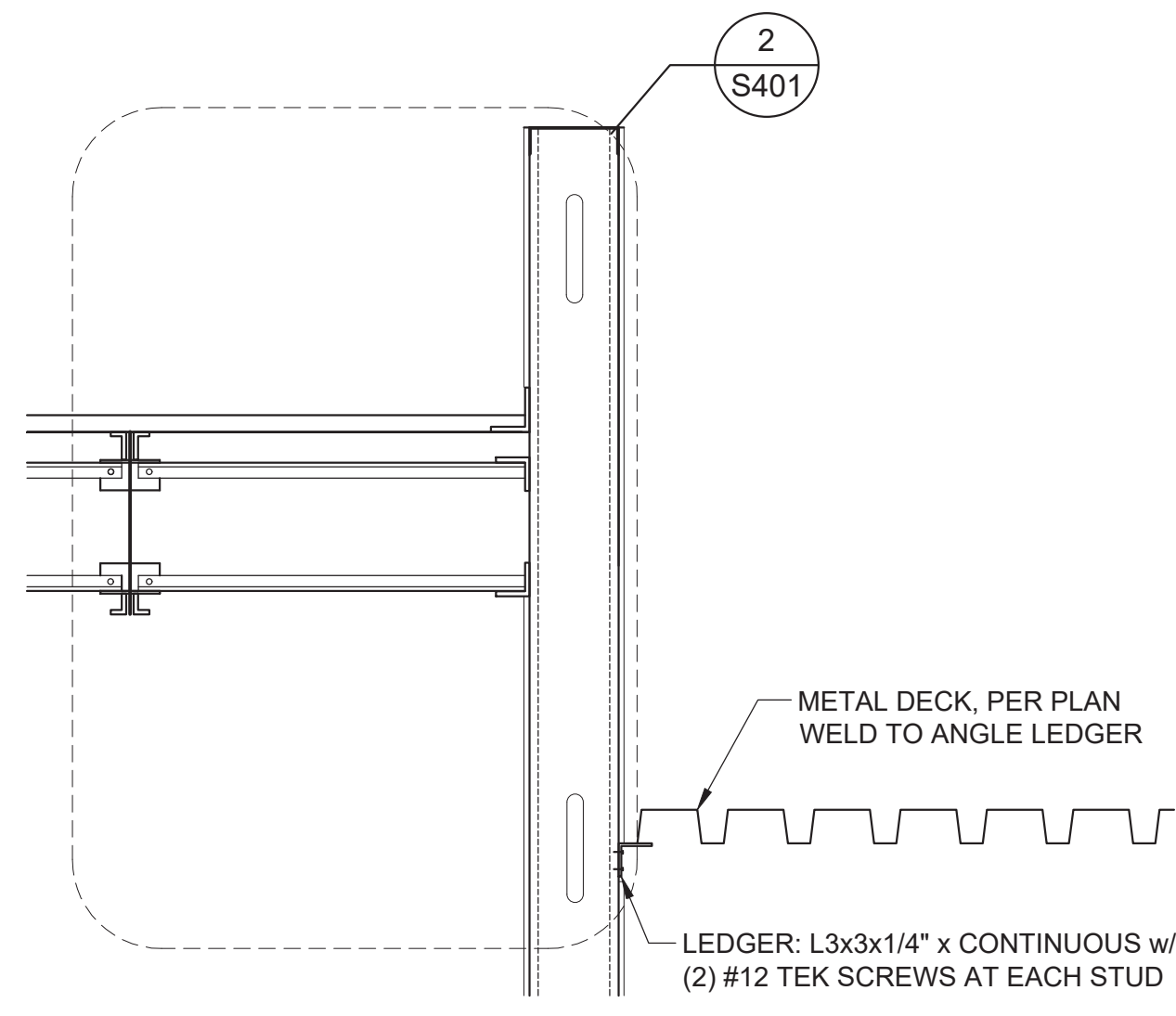
3 JOISTS AT VARYING HEIGHTS AND ORIENTATION
S403 / 3/4" = 1'-0"



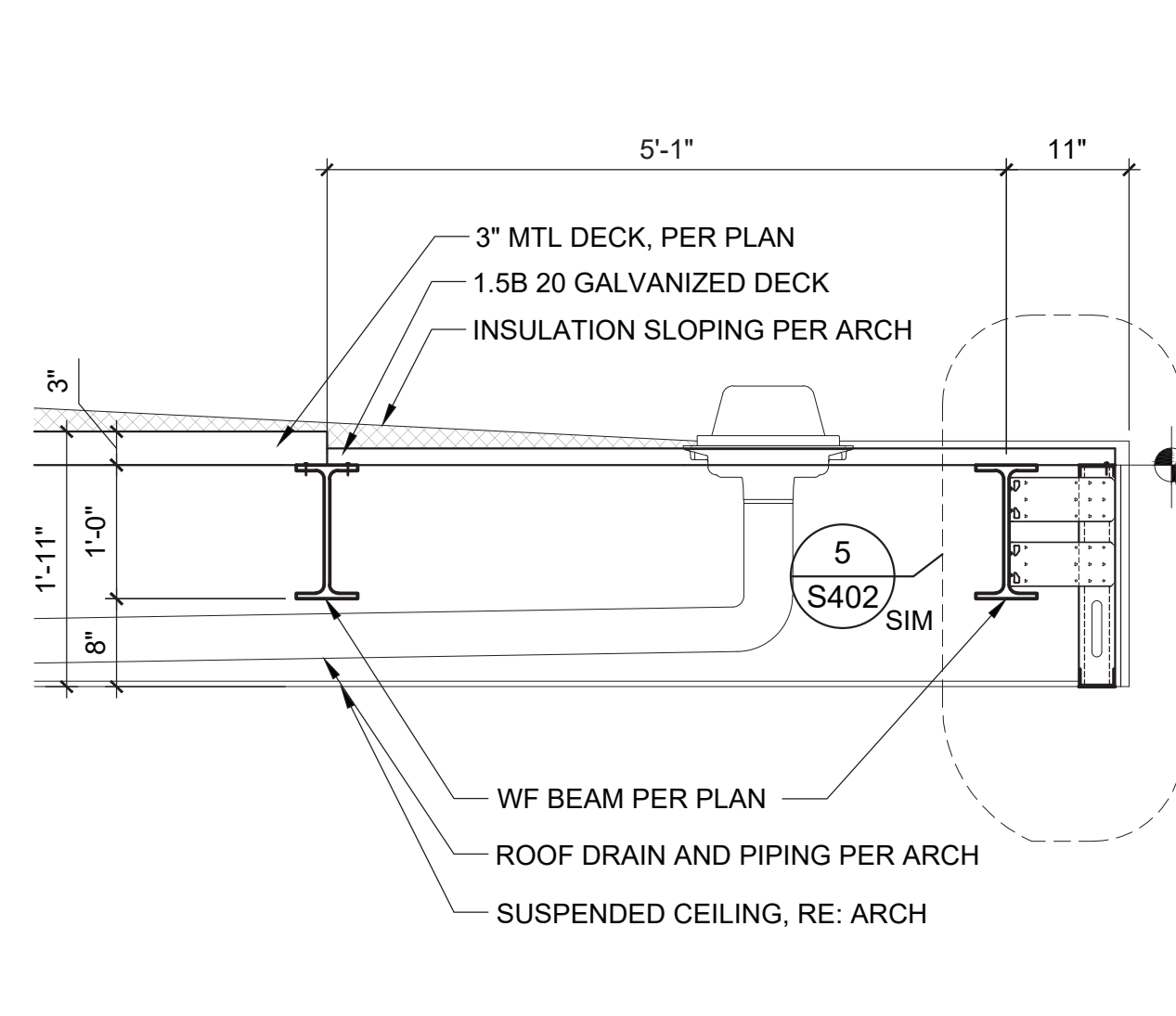
4 PHYSICAL THERAPY APPARATUS HOOK
S403 / 3/4" = 1'-0"



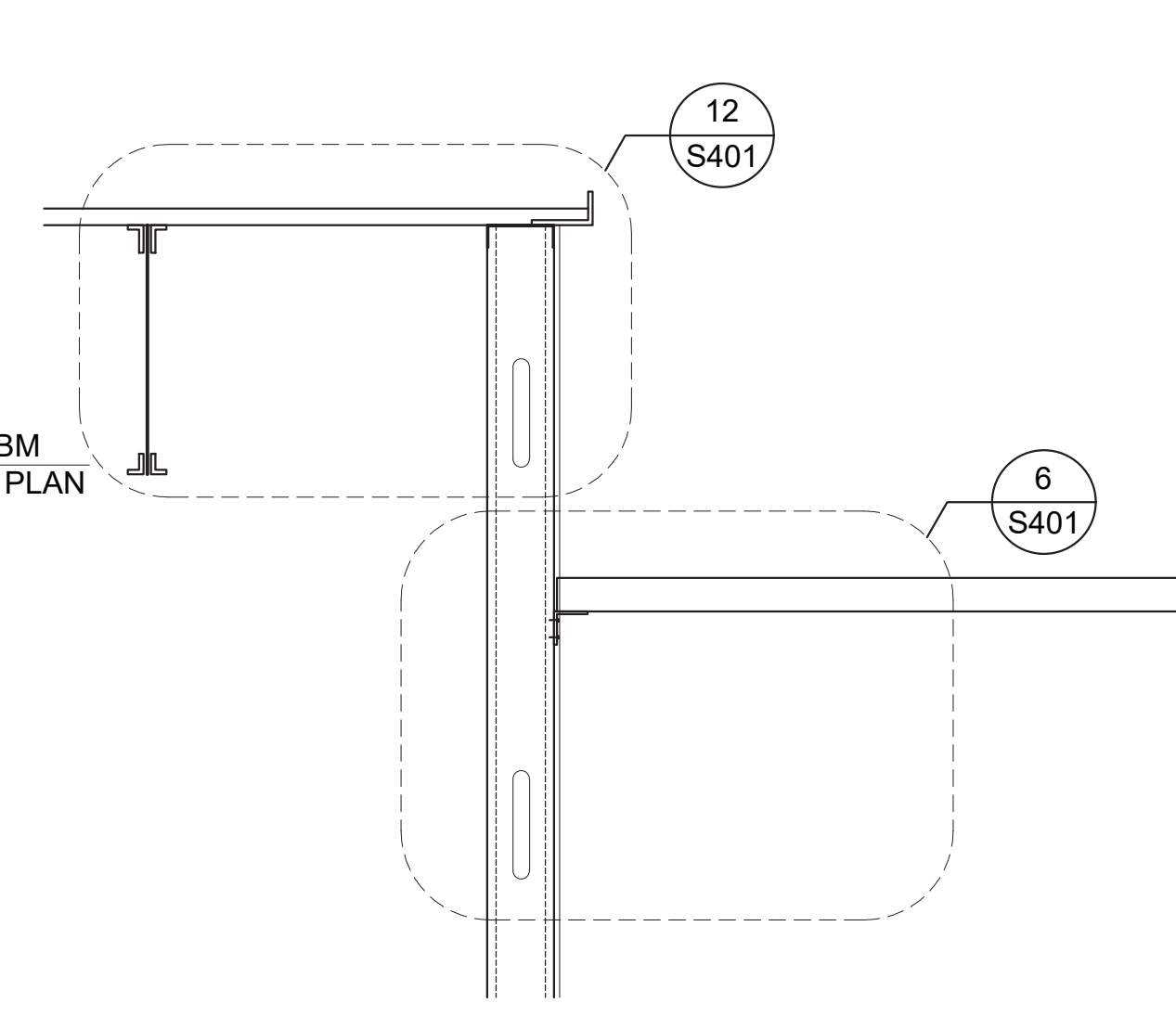
5 K SERIES JOIST PARALLEL TO EXTERIOR WALL
S403 / 3/4" = 1'-0"



6 CANOPY DECK EDGE AT EXTERIOR WALL
S403 / 3/4" = 1'-0"



7 CANOPY ROOF DRAIN
S403 / 3/4" = 1'-0"



8 CANOPY DECK EDGE AT EXTERIOR WALL
S403 / 3/4" = 1'-0"

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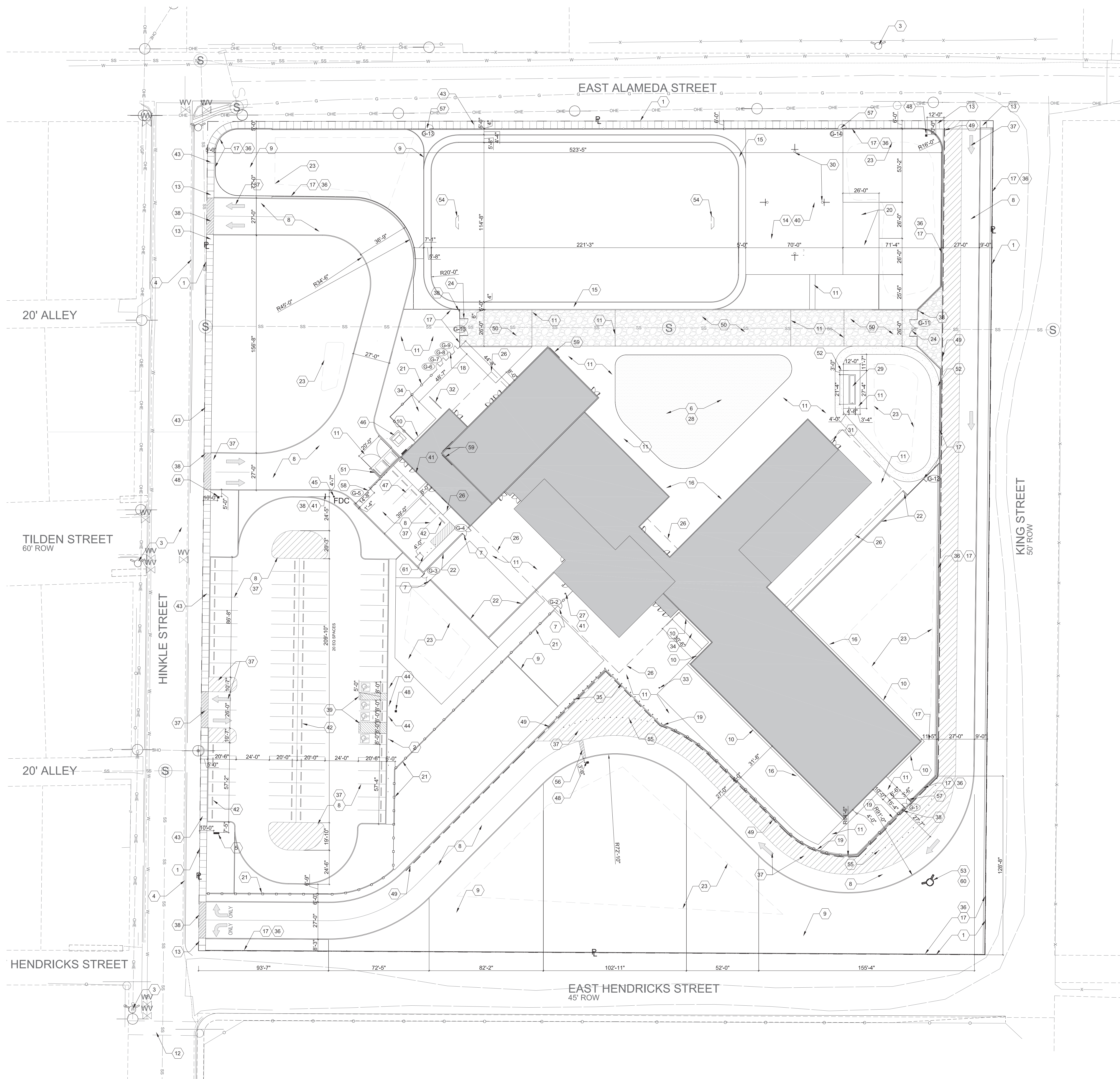
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SHEET TITLE

**FRAMING
DETAILS**

SHEET NO.

S-403



A1 SITE PLAN
SCALE: 1" = 30'-0"



GENERAL NOTES

- A. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS
- B. SEE CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL FOR ADDITIONAL SCOPE OF WORK.
- C. DIMENSIONS ARE TO BACK OF CURB UNLESS NOTED OTHERWISE.
- D. ALL NEW CONSTRUCTION ON CITY PROPERTY SHALL COMPLY WITH CITY OF ROSWELL REGULATIONS AND STANDARDS.

KEYED NOTES:

1. PROPERTY LINE.
2. HANDICAP PARKING SIGNAGE- VAN ACCESSIBLE.
3. EXISTING FIRE HYDRANT.
4. EXISTING CURB.
5. MONUMENT PEDESTAL FOR FUTURE ELECTRONIC MARQUEE SIGN. SEE ELECTRICAL.
6. PLAY EQUIPMENT FALL SURFACE.
7. GATE AS SCHEDULED.
8. ASPHALT PAVEMENT. SEE CIVIL.
9. CONCRETE LANDSCAPING CURB. SEE DETAIL B4/AS-501.
10. CONCRETE BUILDING APRON. 4" DEEP x 18" WIDE, TYP. SLOPE TO DRAIN AWAY FROM BUILDING. SEE CIVIL.
11. CONCRETE PAVING. SEE CIVIL.
12. EXISTING PEDESTRIAN CROSSWALK.
13. HANDICAP ACCESSIBLE CURB RAMP. SEE CIVIL.
14. CONCRETE BASKET BALL COURT PAVING. SEE CIVIL.
15. CRUSHER FINES TRACK WITH CONCRETE CURB EACH SIDE. SEE DETAIL B4/AS-501.
16. LINE OF WINDOW SUNSHADE OUTRIGGER ABOVE.
17. 6'-0" HIGH CHAIN LINK FENCE. SEE DETAIL E4/ AS-501.
18. 3'-0" WIDE 6'-0" HIGH ORNAMENTAL GATE WITH EGRESS HARDWARE (QTY. 4).
19. 6'-0" HIGH ORNAMENTAL FENCE. SEE DETAIL C1/ AS-501.
20. "FOUR SQUARE" CONCRETE COURT MARKINGS + CONCRETE PAVING. SEE CIVIL.
21. 6'-0" PATTERNED HIGH ORNAMENTAL FENCE. SEE DETAIL E1/AS-501.
22. 8'-0" HIGH INTEGRALLY COLORED, BURNISHED FACE CMU YARD WALL. SEE DETAIL C4/AS-501.
23. APPROXIMATE LOCATION OF EROSION CONTROL POND. SEE CIVIL.
24. 12'-0" OVERALL CLEAR WIDTH, DOUBLE LEAF, 6'-0" HIGH CHAIN LINK GATE WITH PADLOCK HASP.
25. CURB CUT. SEE CIVIL.
26. OVERHANG OF BUILDING CANOPY/ SOFFIT.
27. SECURITY ACCESS BOLLARD.
28. PLAY EQUIPMENT AND SHADE STRUCTURES.
29. RAISED GARDEN PLANTER. SEE DETAIL C5/ AS-501.
30. BASKETBALL STANDARD AND BACKBOARD (QTY 4).
31. HAIRPIN DOOR STOP. TYPICAL AT EACH EXTERIOR DOOR LEAF, EXCEPT WHERE IMMEDIATELY ADJACENT TO A WALL. SEE DETAIL A4/ AS-501.
32. BIKE RACK.
33. FLAG POLE AND FOUNDATION.
34. PLANTING AREA. SEE SHEET AS-102.
35. FIXED SECURITY BOLLARD, QUANTITY (25) TWENTY FIVE.
36. CONCRETE MOW STRIP AT FENCE LINE. SEE DETAIL E5/ AS-501.
37. PARKING SPACE PAVEMENT + TRAFFIC CONTROL MARKINGS.
38. KNOX BOX ON 4" x 6" x 7'-8" HSS PEDESTAL (PAINT). KNOXBOX 3200 HINGED DOOR SURFACE MOUNT AS MANUFACTURED BY KNOX COMPANY (KNOXBOX.COM), FASTEN WITH FOUR 3/8" GRADE 5 OR GRADE 8 FASTENERS WITH LARGE THICK STEEL WASHER ON BACK SIDE OF POST. HSS POST WITH WELDED 3/4" THICK STEEL CAP, AND SET IN 3'-6" DEEP x 18" DIA CONCRETE FOOTING, 4'-6" ABOVE FINISHED GRADE. QTY 3.
39. HANDICAP ACCESSIBLE PARKING PAVEMENT MARKINGS WITH HANDICAP SYMBOL + PEDESTRIAN ACCESS STRIPING. SLOPE SHALL NOT EXCEED 2% IN ALL DIRECTIONS. SEE CIVIL.
40. 2" WIDE PAVEMENT MARKINGS FOR BASKETBALL GAME LINES.
41. KNOXBOX 3200 HINGED DOOR RECESS MOUNT AS MANUFACTURED BY KNOX COMPANY (KNOXBOX.COM). QTY 2.
42. PRE-CAST 7'-0" WIDE CONCRETE WHEEL STOP, TYP. QUANTITY: 80. SEE DETAIL A5/ AS-501.
43. CONCRETE SIDEWALK PER CITY OF ROSWELL STANDARDS. SEE CIVIL.
44. HANDICAP PARKING SIGN- "HANDICAP PARKING." SEE CIVIL.
45. FIRE DEPARTMENT CONNECTION. SEE CIVIL + PLUMBING.
46. ELECTRICAL TRANSFORMER AND CONCRETE PAD. SEE ELECTRICAL.
47. BELOW GRADE GREASE TRAP. SEE CIVIL + PLUMBING.
48. MONUMENT SIGN. SEE DETAIL A3/ AS-501.
49. PAINTED FIRE LANE MARKING ON CURB TO READ "FIRE LANE - NO PARKING" AT 25 FOOT INTERVALS PER CITY OF ROSWELL FIRE DEPARTMENT STANDARDS.
50. AGGREGATE FIRE DEPARTMENT ACCESS ROAD. SEE CIVIL.
51. INTEGRALLY COLORED BURNISHED 6'-0" HIGH CMU TRASH ENCLOSURE AND PIPE BOLLARDS. SEE DETAILS ON SHEET AS-501.
52. INTEGRALLY COLORED CONCRETE TRIKE TRACK, 6'-0" WIDE WITH PAINTED 2" CENTER LANE STRIPE.
53. FIRE HYDRANT. SEE CIVIL.
54. PLAY EQUIPMENT: SQUASH NET. QTY 2.
55. PAVEMENT MARKERS. QTY 30.
56. 4'-0" HIGH CHAIN LINK FENCE.
57. 6'-0" HIGH CHAIN LINK GATE.
58. 8'-0" HIGH CHAIN LINK GATE.
59. BUILDING STREET ADDRESS. SEE BUILDING ELEVATIONS SHEET A-201.
60. 4'-0" x 4'-0" x 4" THICK 4000 PSI CONCRETE COLLAR AROUND NEW FIRE HYDRANT.
61. 4-INCH DIAMETER PIPE BOLLARDS. QTY: 5.

LEGEND

- 26' WIDE AGGREGATE FIRE LANE
- 4" CONCRETE OVER AGGREGATE FIRE LANE
- "FIRE LANE - NO PARKING" PAINTED ON CURB

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CD	11.14.202	CD REVIEW
CD	12.22.2023	PERMIT
MARK	DATE	DESCRIPTION

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SITE PLAN

SHEET NO.

AS-101

GENERAL NOTES

- A. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS
- B. DIMENSIONS ARE TO FACE OF STUD OR FACE OF CONCRETE BLOCK, UNLESS NOTED OTHERWISE.

KEYED NOTES:

1. 4000 PSI CONCRETE @ 28 DAYS WITH 6% AIR MOW STRIP, 1'-6" W x 4" D ALL FOUR SIDES.
2. STANDARD 90 DEGREE HOOK.
3. VERTICAL: #4 @ 8 OC.
4. (4) #4 LONGITUDINAL AND #4 @ 24" TRANSVERSE.
5. 3,000 PSI CONCRETE WHEEL STOP 7" H x 10" W x 6'-0" L.
6. 8" H x 12" W x 16" L BURNISHED (BOTH SIDES) CMU. GROUT TO MATCH BLOCK. GROUT ALL CELLS SOLID.
7. FINISH GRADE / PAVING. SEE CIVIL.
8. SEE LANDSCAPE PLAN AS-102 FOR MATERIAL.
9. 2" ROUND STEEL TUBE, PAINTED.
10. FENCE OR GATE POST.
11. 3000 PSI CONCRETE.
12. SURFACE APPLIED SIGNAGE.
13. BOND BEAM: (2) #5 LONGITUDINAL IN KNOCK-OUT BLOCK.
14. 1/2" EXPANSION JOINT, EXTERIOR GRADE SEALANT, TYPICAL.
15. COMPACTED EARTH, SEE CIVIL.
16. CONCRETE SIDEWALK / BUILDING APRON. SEE CIVIL.
17. CONCRETE TURNDOWN EDGE, TYPICAL ALL SIDES.
18. (2) - #4 REBAR CONTINUOUS TOP + BOTTOM.
19. RUBBER MULCH PLAYGROUND SURFACE, 5" DEEP MIN.
20. METAL CAP. BRONZE POWDER COAT, 24 GAUGE.
21. FUTURE ELECTRONIC MESSAGE BOARD (ACRYLIC/ ALUMINUM FRAME).
22. FORM FINISHED 4000 PSI CONCRETE @ 28 DAYS WITH 6% AIR STEM.
23. 4000 PSI CONCRETE @ 28 DAYS WITH 6% AIR FOOTING.
24. 6" X 6" CONCRETE HEADER CURB.
25. #4s CONTINUOUS @ 12" OC MIN.
26. VERTICAL: #5 @ 32" OC. HORIZONTAL: DUROWALL LADDER TYPE EVERY OTHER COURSE.
27. (2) 18-INCH #4 REBAR PEGS.
28. DOWNSPOUT STRAP: 6" x 4" x 2" W x 1/4" THICK.
29. CRUSHER FINES. SEE LANDSCAPE SHEET AS-102.
30. (3) - #4 REBAR CONTINUOUS.
31. 12" OF 2" - 4" DIAMETER ROUND ROCKS.
32. WATERPROOFING, CONTINUOUS.
33. COLLECTION BOX, GRATE + DRAIN. SEE CIVIL.
34. CONTINUOUS PERIMETER INSULATION WITH FLASHING 6" VERTICAL BELOW FINISHED GRADE AND 2" VERTICAL AFF BEHIND BUILDING WATER RESISTIVE AND AIR BARRIER COATING.
35. 1/4" STEEL ANGLE WIDTH TO MATCH DOWNSPOUT, ANCHOR TO CONCRETE.
36. 10 GAUGE HEAVY DUTY DOWNSPOUT BOOT. UP 4'-0", TYPICAL.
37. EXTERIOR INSULATION FINISH SYSTEM (EIFS) EXTERIOR WALL ASSEMBLY.
38. TRASH CONTAINER, NIC.
39. POWER AND DATA FROM THE BUILDING. J-BOX FLUSH WITH TOP OF CONCRETE. SEE ELECTRICAL FOR CONTINUATION OF DATA AND POWER TO BUILDING.
40. 8" x 8" x 16" BURNISHED (BOTH SIDES) CMU. GROUT TO MATCH BLOCK. GROUT SOLID ALL REINFORCED CELLS.
41. #4s @ 16" OC, MAX.
42. (2) #5s CONTINUOUS IN KNOCK OUT BOND BEAM.
43. 8" x 12" x 16" BURNISHED CMU WITH #5s @ 32" OC VERTICAL + STANDARD TRUSS TYPE JOINT REINFORCING @ 16" OC. GROUT ALL REINFORCED CELLS SOLID. BURNISHED SIDE ON OUTSIDE OF TRASH ENCLOSURE. EXPOSED GROUT TO MATCH CMU.
44. (3) #5s CONTINUOUS.
45. 1" SQ WROUGHT IRON, EVENLY SPACED @ 4" OC, MAX. PAINT.
46. 3" SQ CAPPED HSS POST SET IN CONCRETE TO TOP OF FOOTING. PAINT.
47. 2" SQ WROUGHT IRON. PAINT.
48. CANE BOLT. DRILL 2" DEEP HOLES IN CONCRETE PAD AT GATE OPEN AND GATE CLOSED POSITION.
49. LATCH WITH PADLOCK HASP. PAINT.
50. EXPANDED METAL LATH. PAINT.
51. (3) 3/4" EXTRA HEAVY DUTY METAL HINGES SPACED EVENLY. WELD TO HSS. PAINT.
52. 3" OUTSIDE DIA CONCRETE FILLED STEEL PIPE. PAINT. ONE-INCH SMOOTH TROWELED CROWN.
53. CONCRETE SLAB + FOUNDATION. SEE STRUCTURAL.
54. 6" OUTSIDE DIA CONCRETE FILLED STEEL PIPE. PAINT. ENCASE IN 12" CONCRETE ALL AROUND AND EMBED 2'-0" BELOW FINISHED PAVING. SMOOTH TROWEL 1 INCH CROWN.
55. 3" x 3" x 1/2" STEEL ANGLE WITH CONCRETE ANCHOR BOLT, TOP + BOTTOM, WELDED TO HSS. PAINT.
56. 2 1/2" SQUARE x 14 GAUGE POST. PAINT.
57. 3/4" SQUARE x 16 GAUGE PICKETS. PAINT.
58. 1 1/2" SQUARE x 16 GAUGE RAIL, TOP AND BOTTOM. PAINT.
59. ONE PIECE ASSEMBLY OF FLUSH 1" WIDE x 3/8" THICK STEEL BANDS, PRE-DRILLED, POWDER COAT BLACK. COUNTERSINK SCREWS ATTACH TO HORIZONTAL FENCE RAILS. ENTIRE ASSEMBLY FITS BETWEEN POSTS, FLUSH WITH TOP AND BOTTOM RAILS (69" X 69 3/8" WIDE) TYPICAL.
60. #5 @ 32" OC TRANSVERSE.
61. (3) #5 LONGITUDINAL.
62. VERTICAL: (4) #4.
63. HORIZONTAL: #3 CLOSED TIES @ 10" OC.
64. LAP BARS 24".
65. (4) #4 EACH WAY.
66. (3) #4 LONGITUDINAL.
67. HORIZONTAL: DUROWALL LADDER TYPE EXTRA HEAVY DUTY GAUGE @ EACH COURSE.
68. LAP 30".
69. 16" SQUARE BURNISHED CMU.

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12/22/23
REGISTERED ARCHITECT

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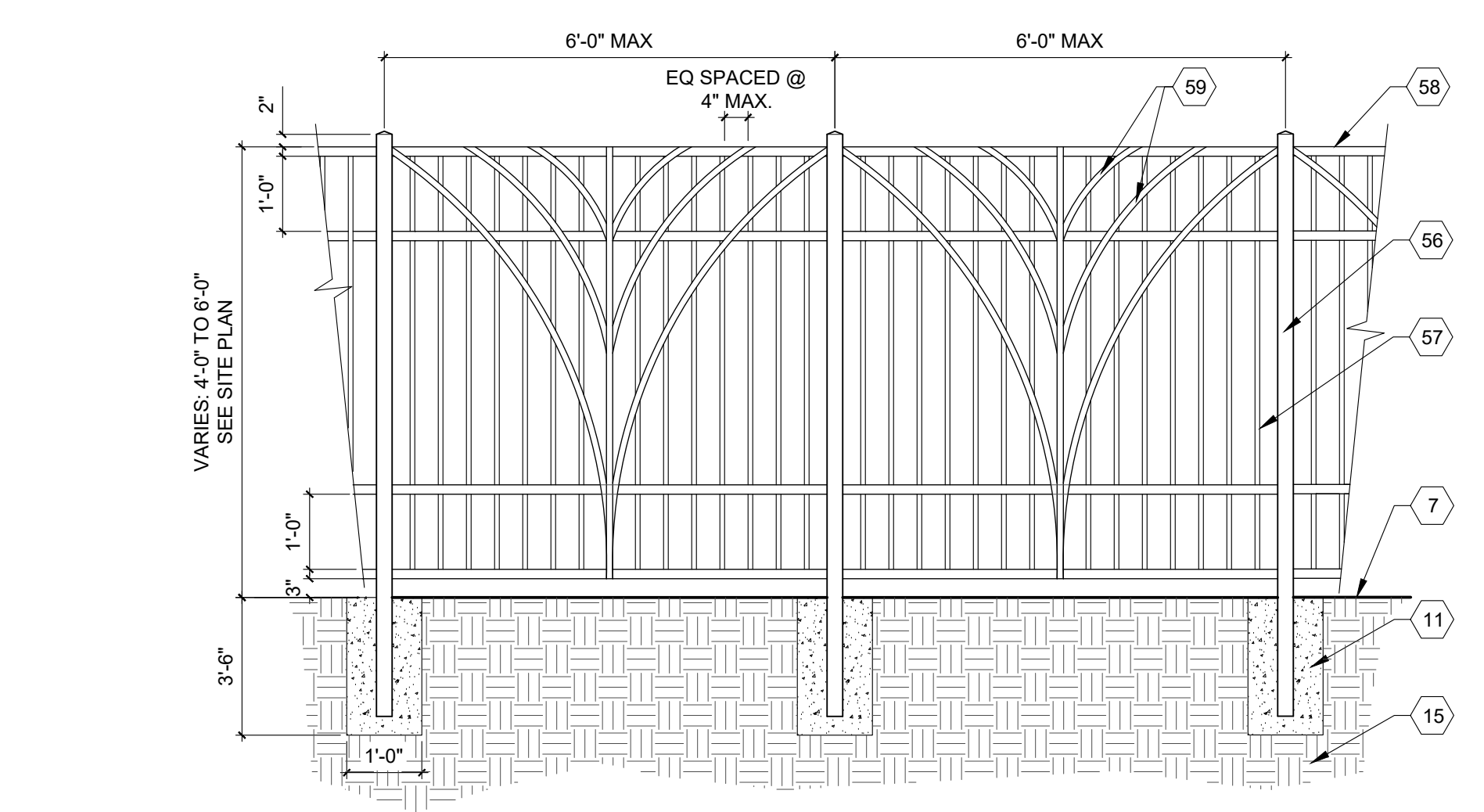
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MARK	DATE	DESCRIPTION

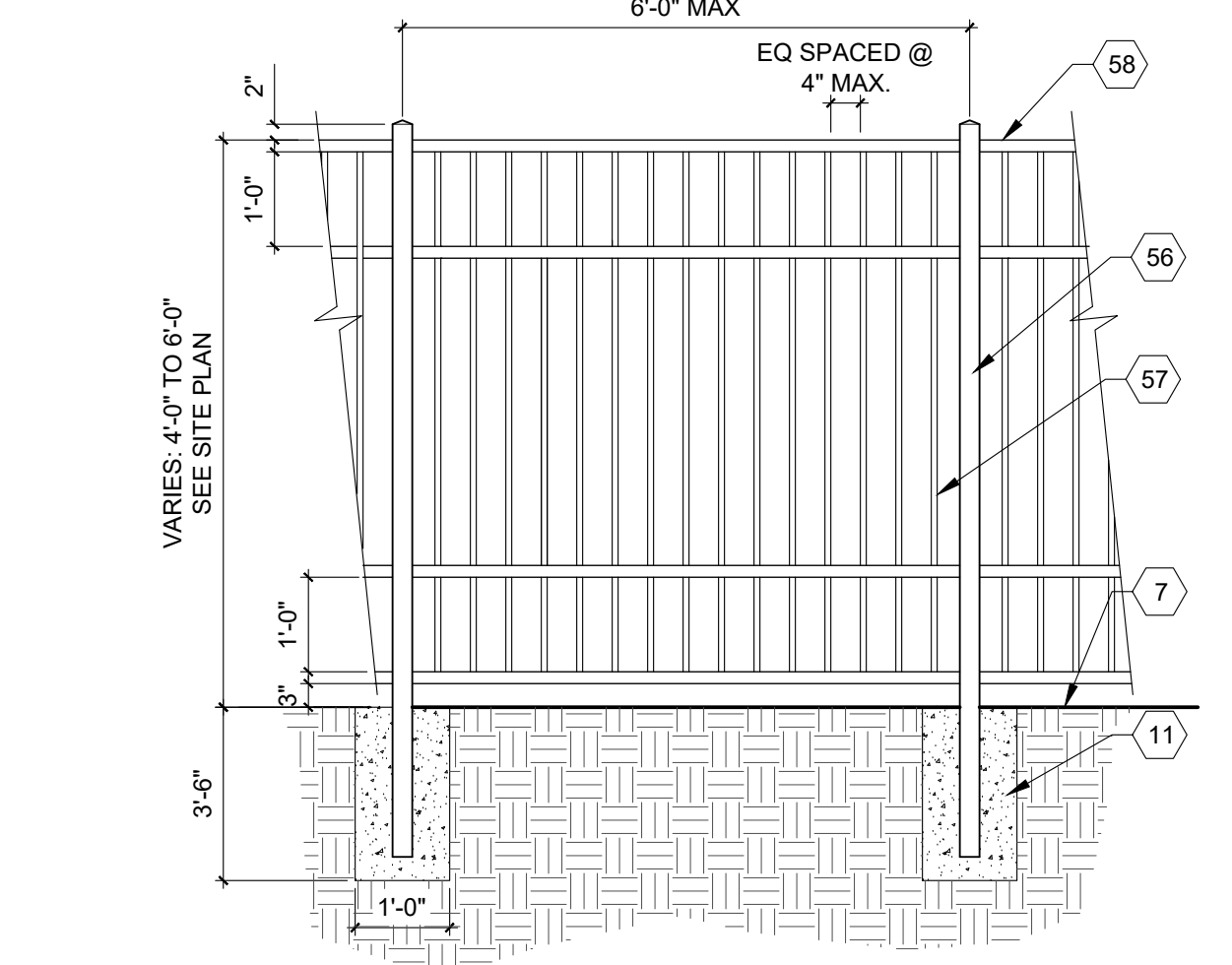
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SITE DETAILS

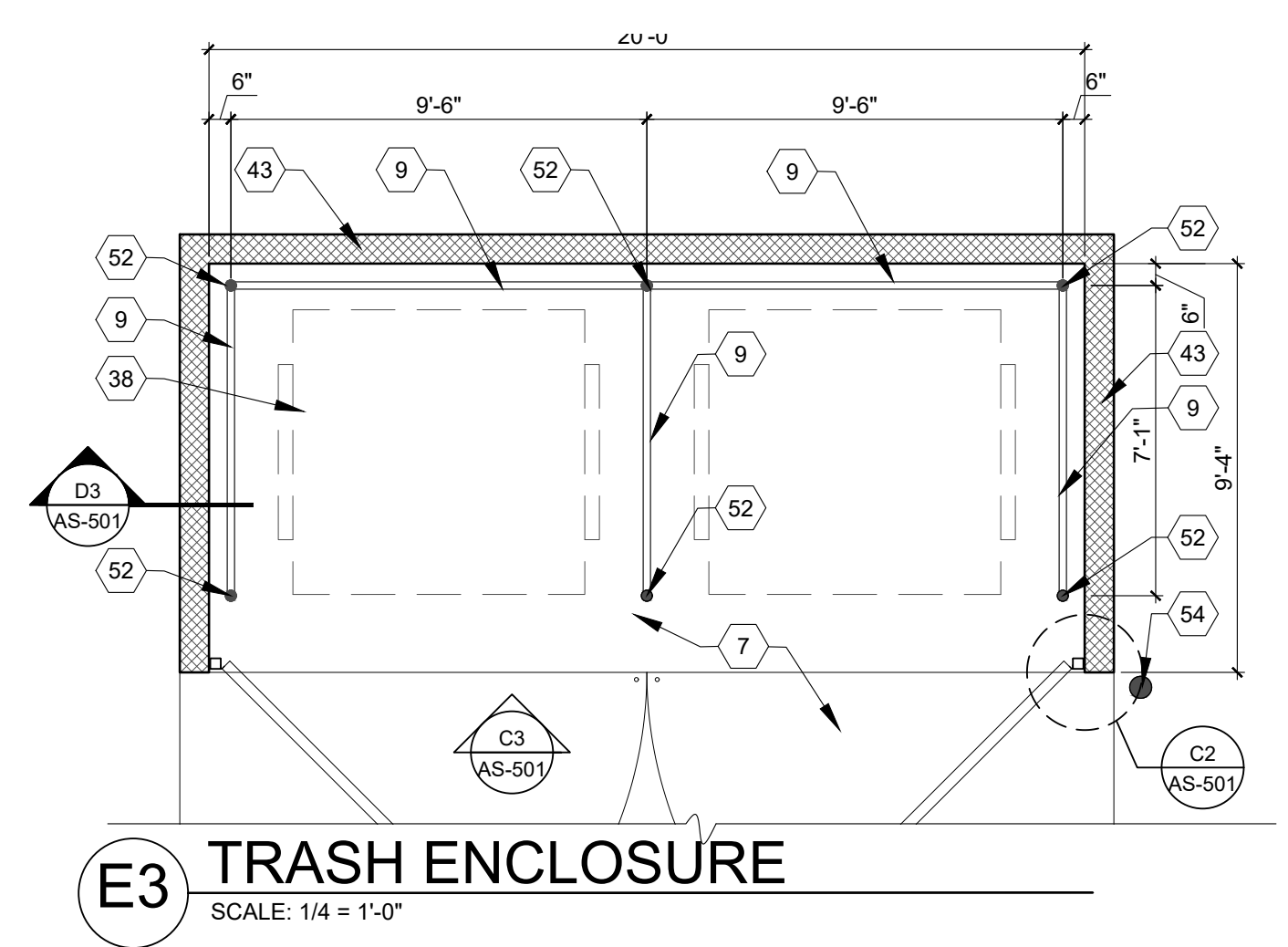
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AS-01



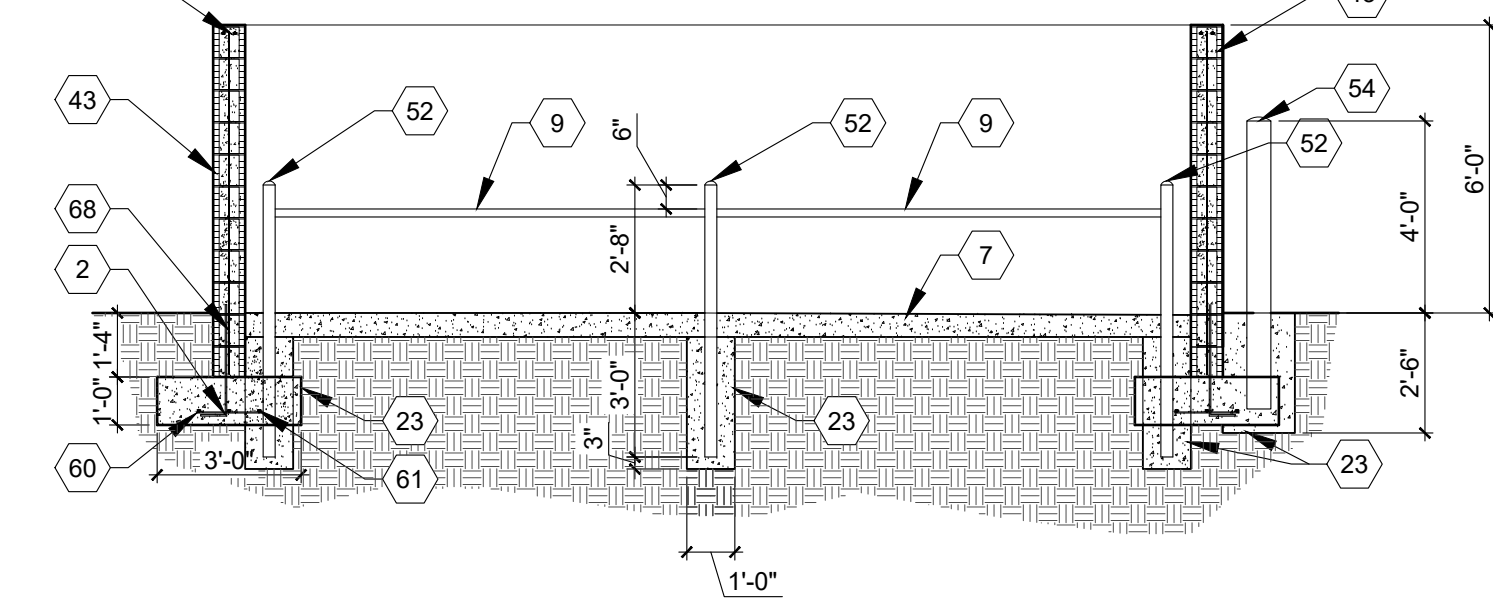
E1 ORNAMENTAL FENCE
SCALE: 1/2" = 1'-0"



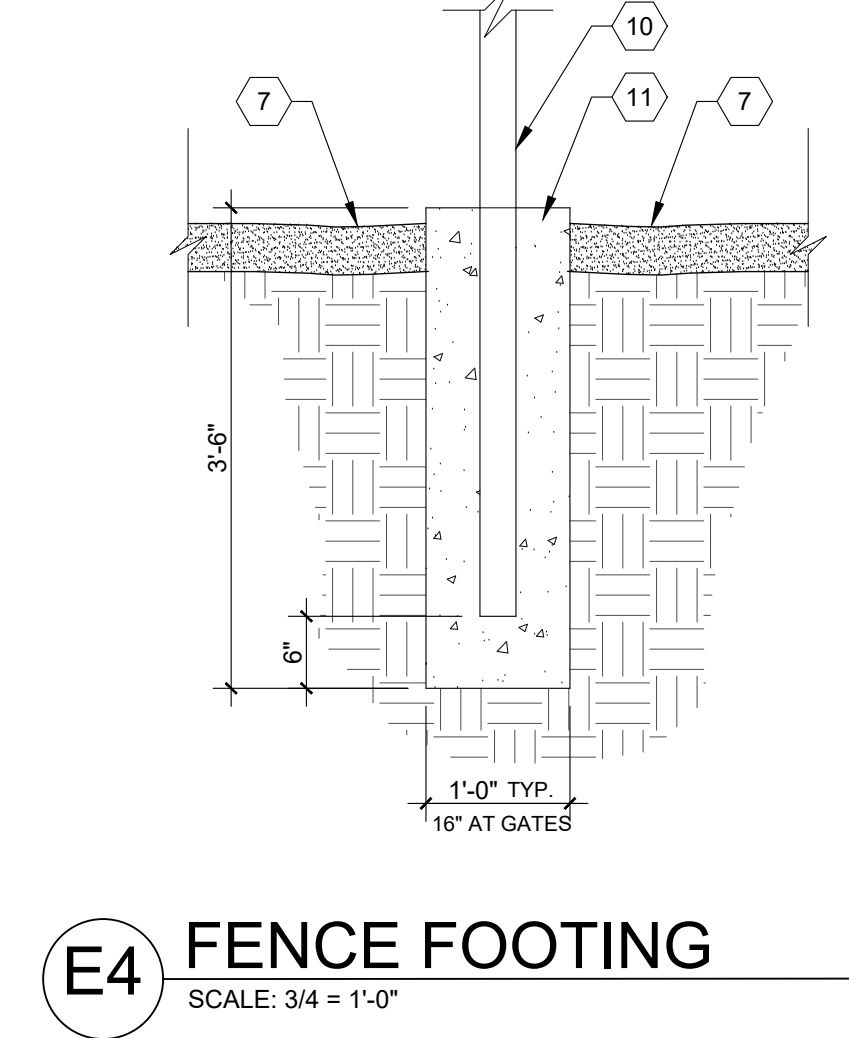
C1 ORNAMENTAL FENCE
SCALE: 1/2" = 1'-0"



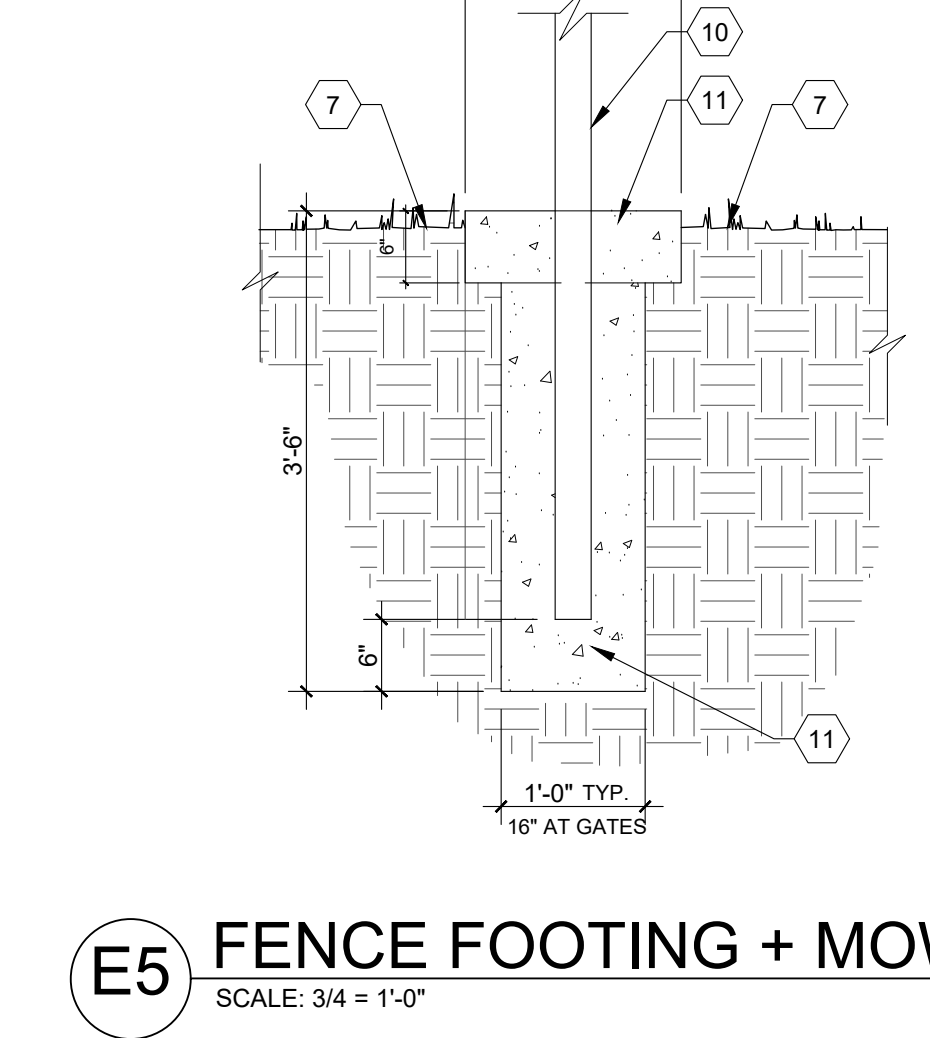
E3 TRASH ENCLOSURE
SCALE: 1/4" = 1'-0"



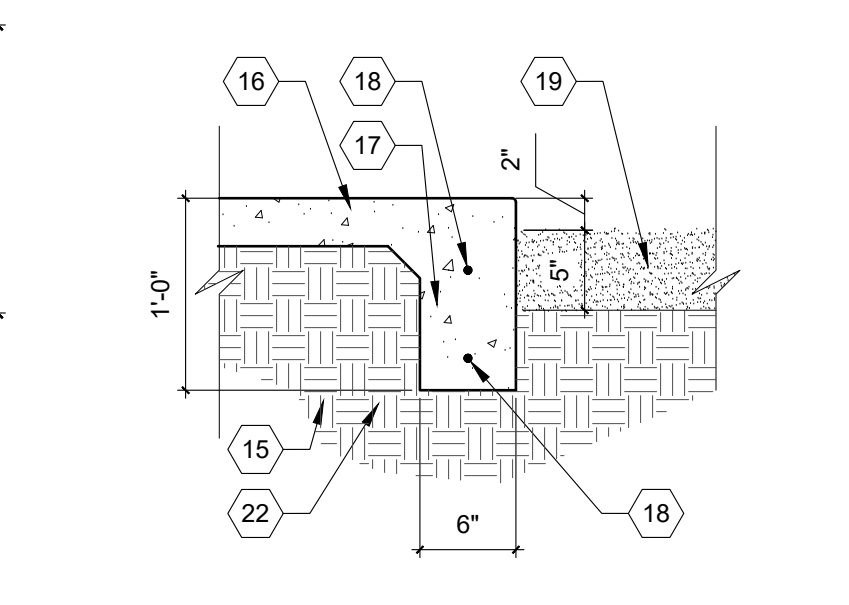
D3 TRASH ENCLOSURE -ERIC CONFIRM
SCALE: 1/4" = 1'-0"



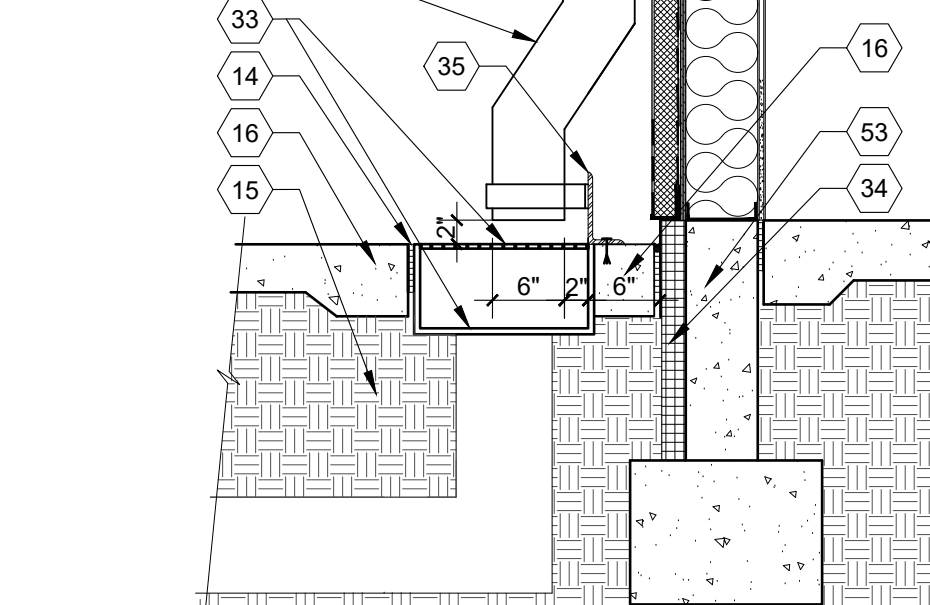
E4 FENCE FOOTING
SCALE: 3/4" = 1'-0"



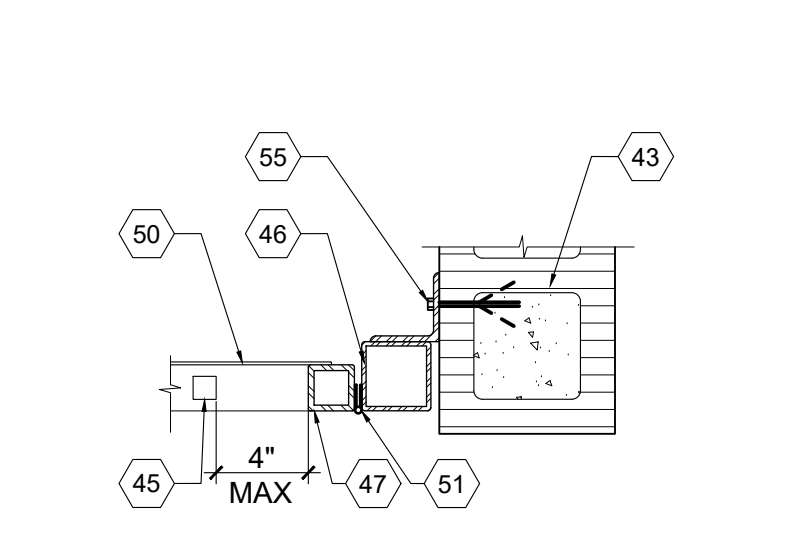
E5 FENCE FOOTING + MOW STRIP
SCALE: 3/4" = 1'-0"



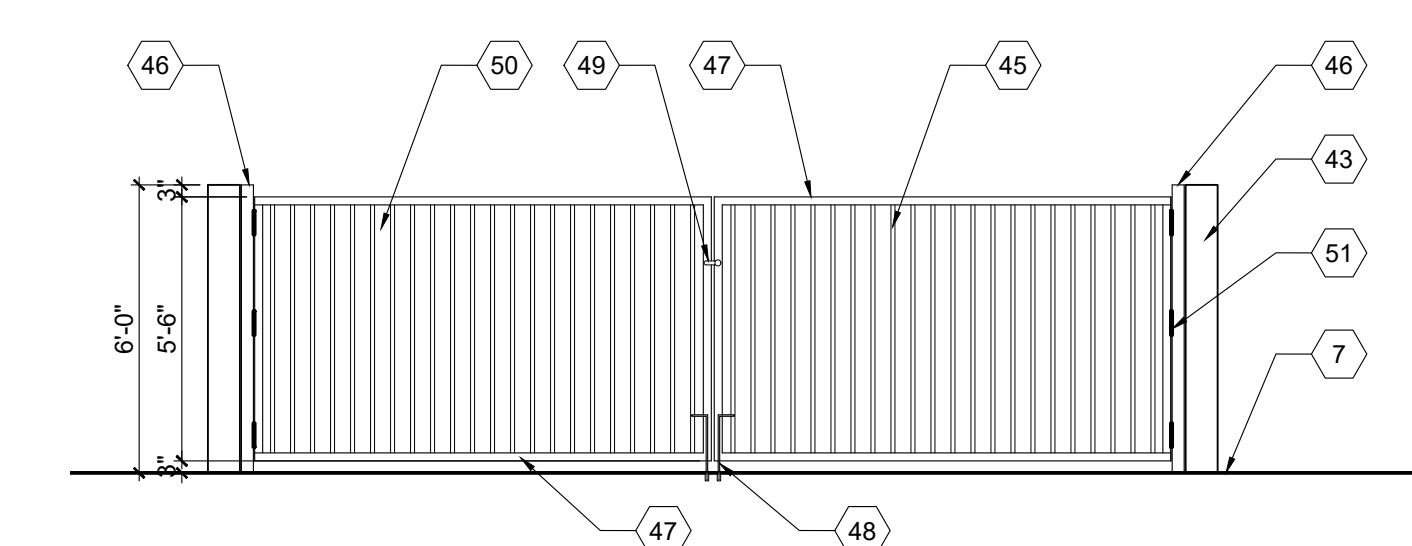
D4 PLAYGROUND SECTION
SCALE: 1" = 1'-0"



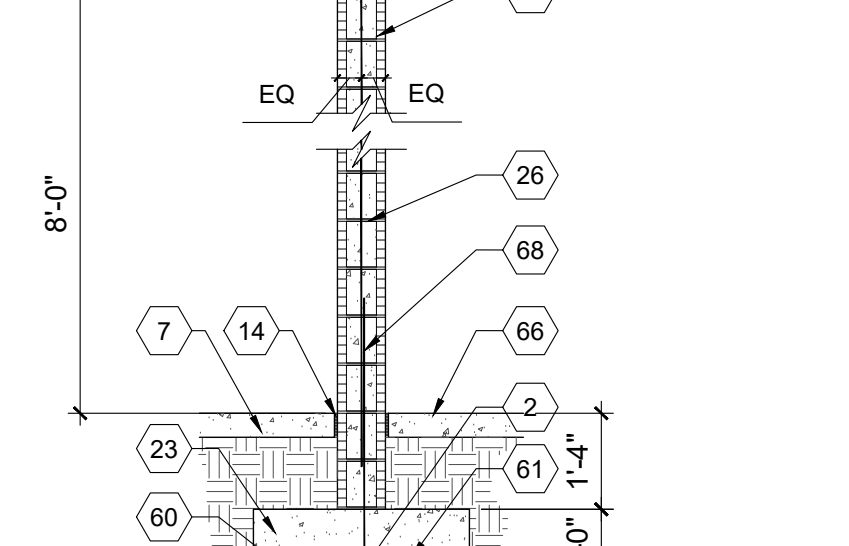
D5 RAIN LEADER DETAIL
SCALE: 3/4" = 1'-0"



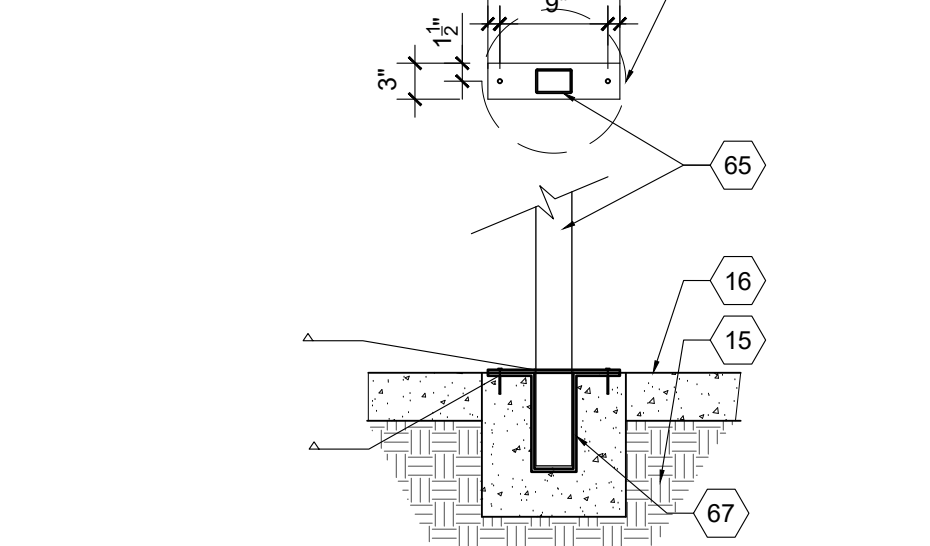
C2 GATE DETAIL
SCALE: 1 1/2" = 1'-0"



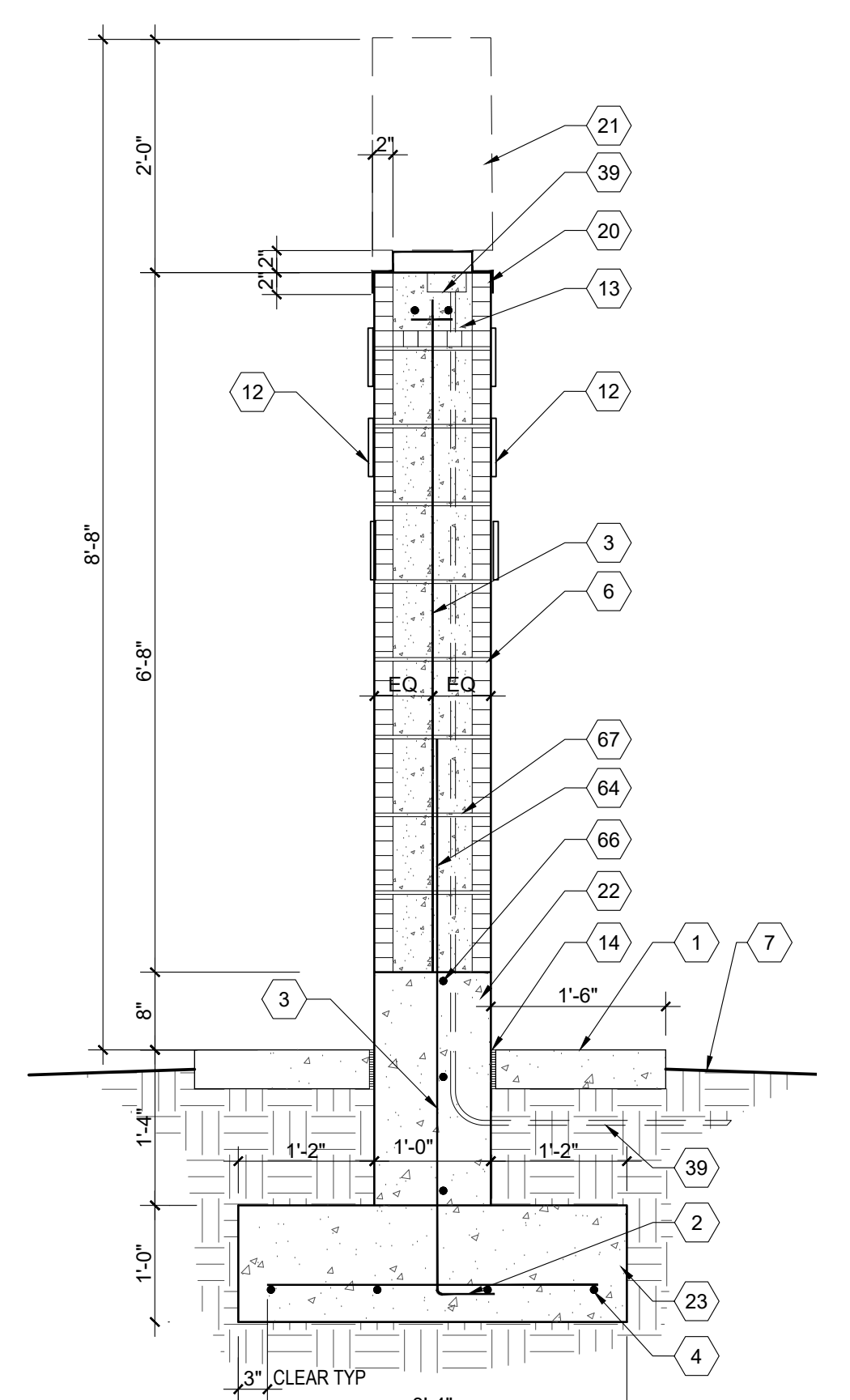
C3 TRASH ENCLOSURE GATE
SCALE: 1/4" = 1'-0"



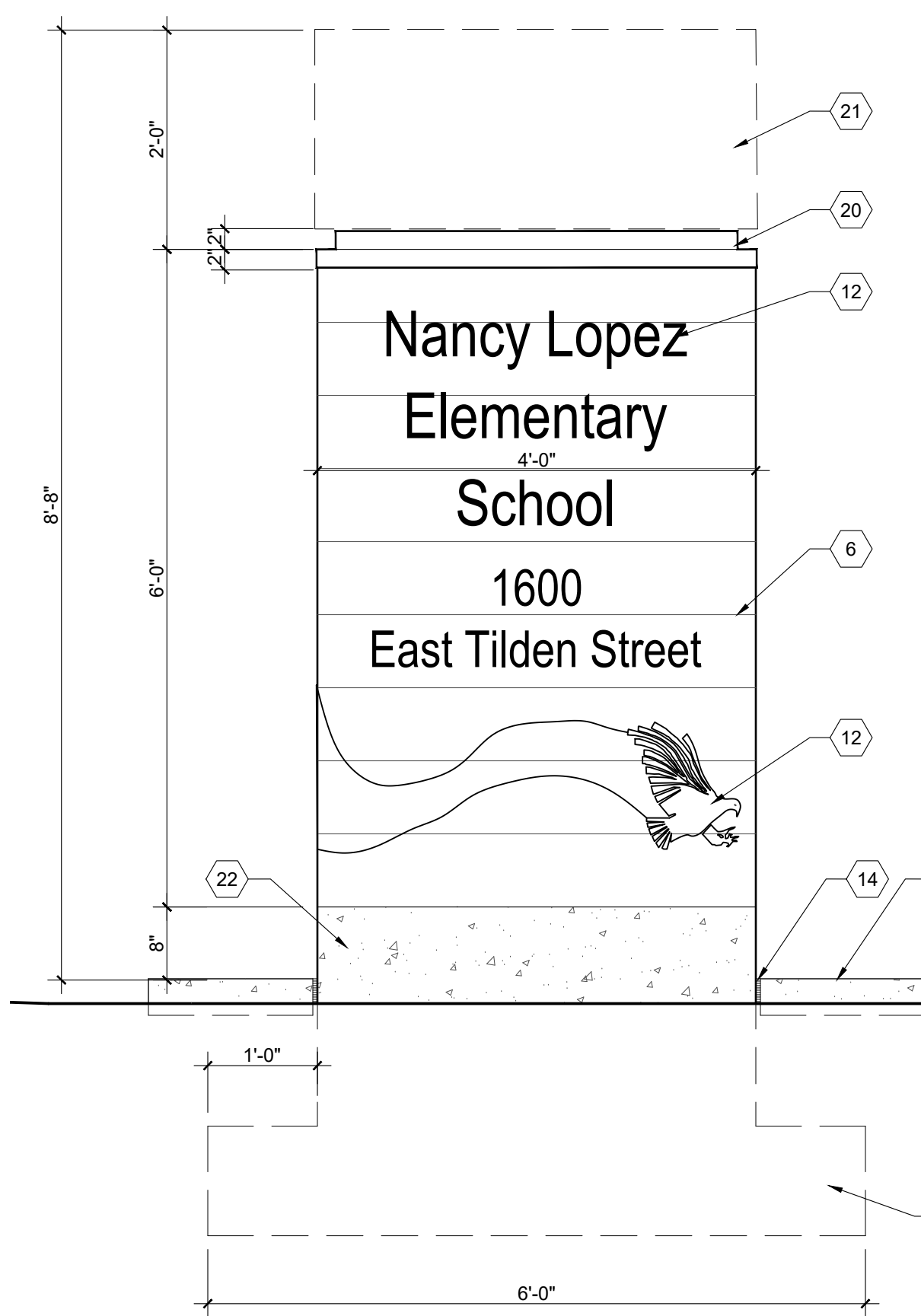
C4 CMU YARD WALL
SCALE: 3/8" = 1'-0"



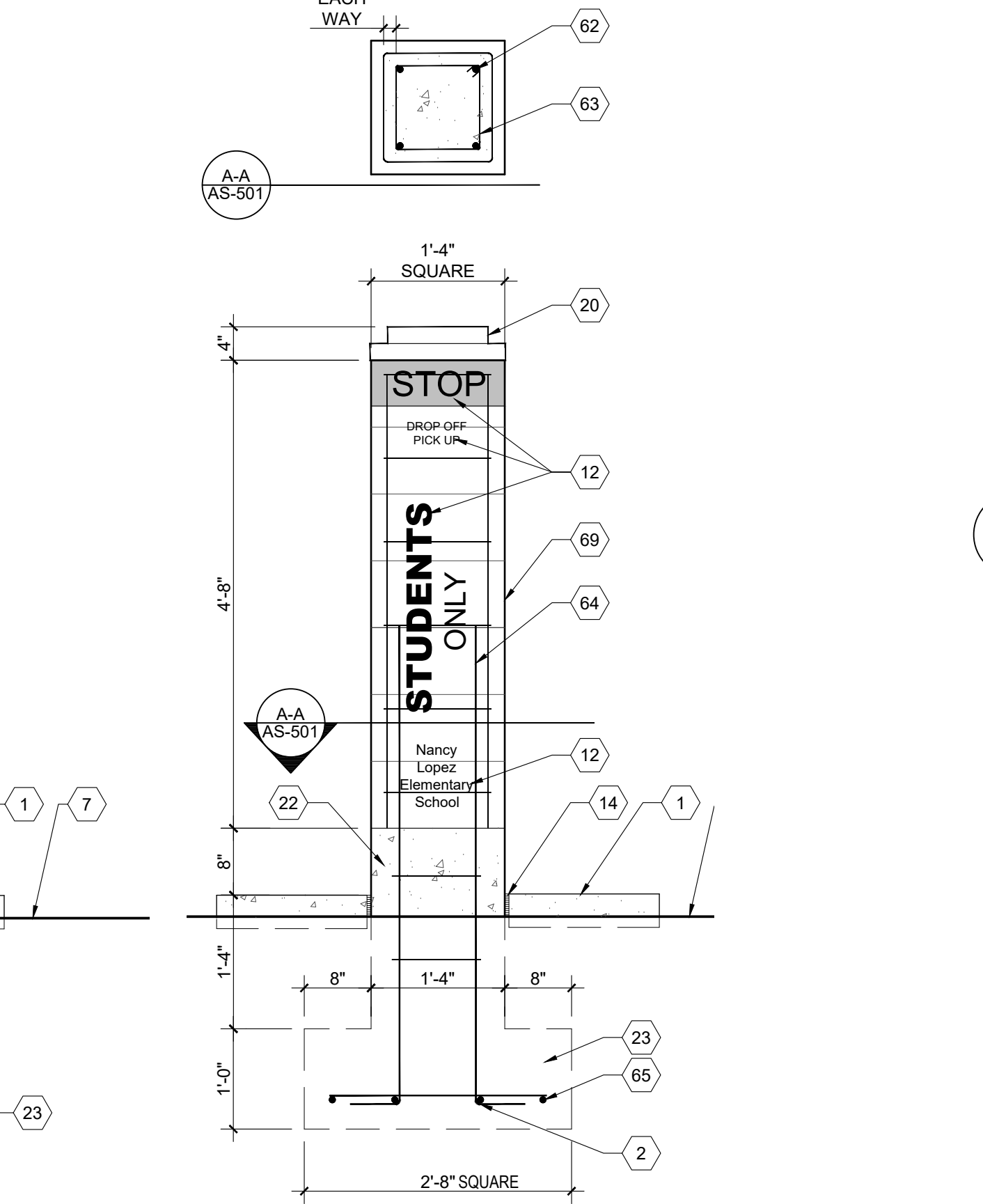
C5 DOUBLE GATE MULLION
SCALE: 3/4" = 1'-0"



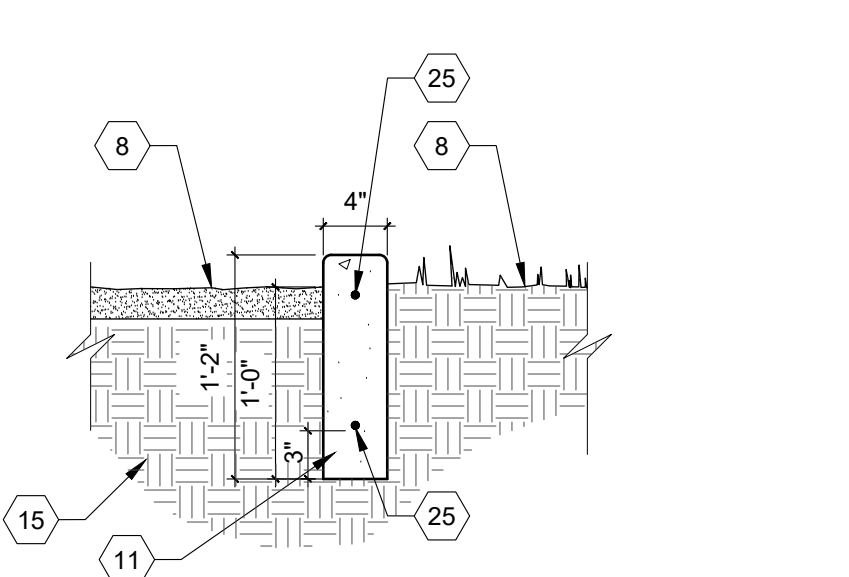
A1 MONUMENT SIGN SECTION
SCALE: 3/4" = 1'-0"



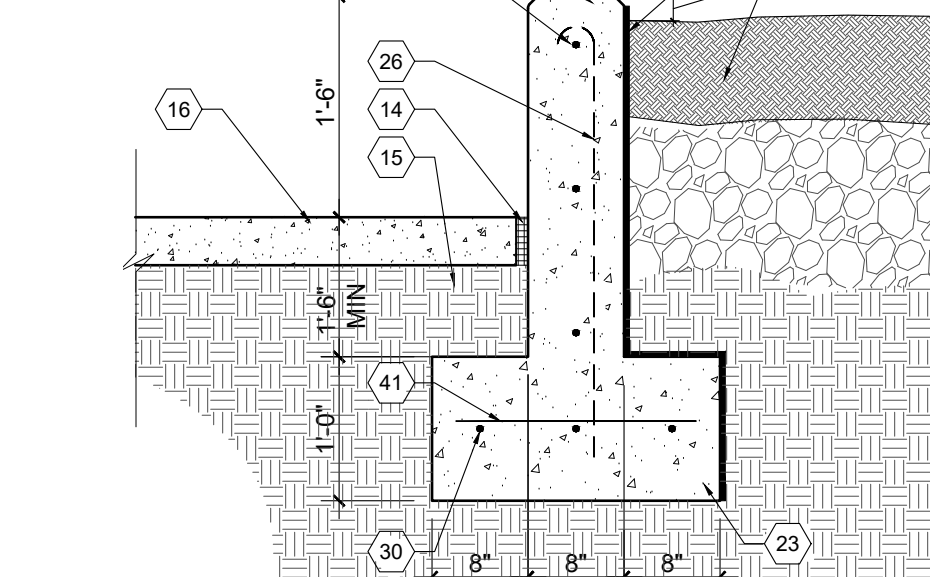
A2 MONUMENT SIGN ELEVATION
SCALE: 3/4" = 1'-0"



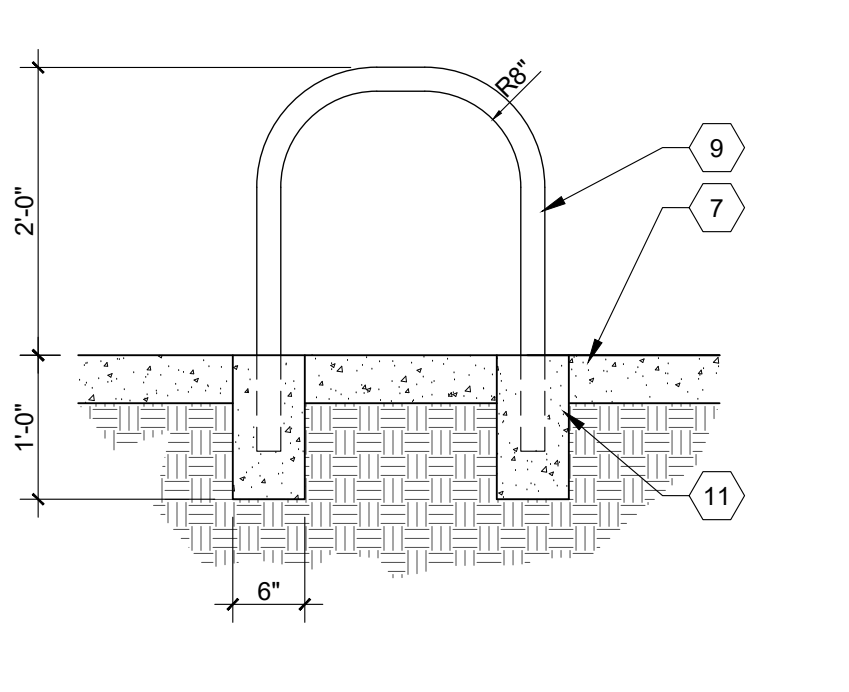
A3 INFORMATION SIGN ELEVATION
SCALE: 3/4" = 1'-0"



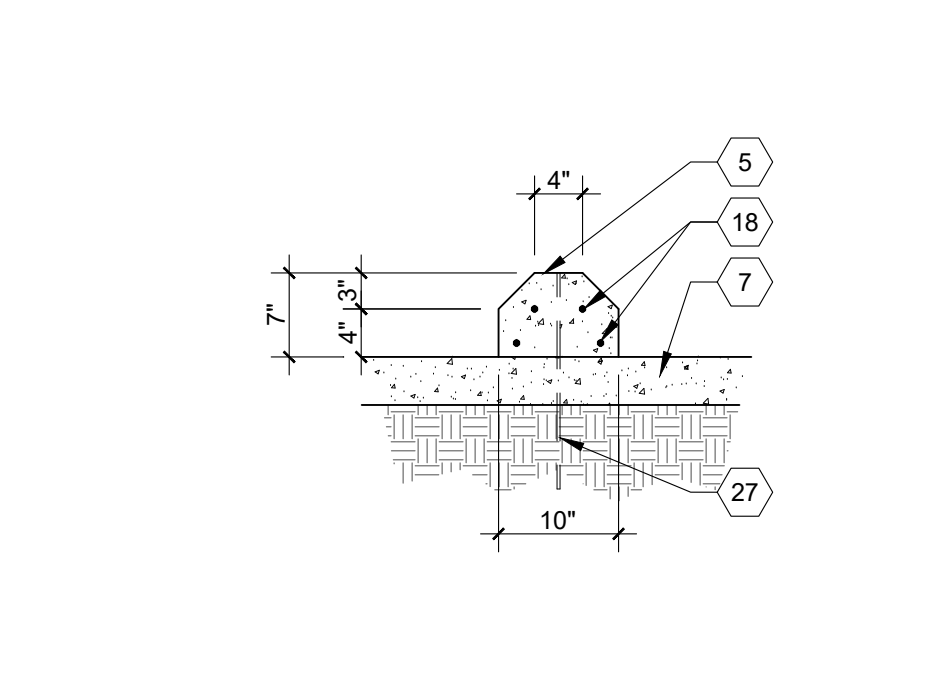
B4 LANDSCAPE CURB SECTION
SCALE: 1" = 1'-0"



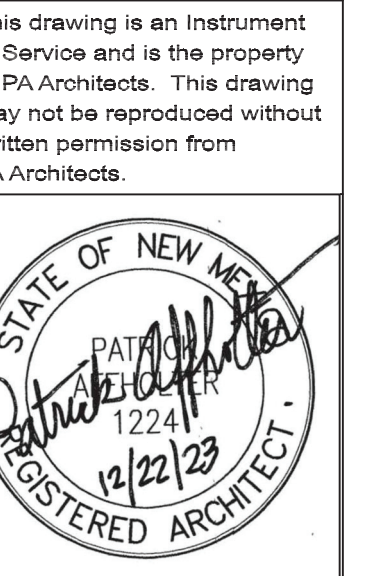
B5 PLANTER SECTION
SCALE: 3/4" = 1'-0"



A4 HAIRPIN DOOR STOP
SCALE: 3/4" = 1'-0"



A5 CONCRETE WHEEL STOP
SCALE: 3/4" = 1'-0"



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LANDSCAPE
PLAN

SHEET NO.

AS-102

GENERAL NOTES

- A. COORDINATION - LANDSCAPE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR AND OWNER TO ENSURE ALL PROPOSED SLEEVING, CURB CUTS FOR WATER DRAINAGE, AND GRADING ARE INSTALLED PRIOR TO PAVING AND HARDSCAPE.
- B. STAKE ALL UTILITIES INCLUDING SANITARY AND STORM SEWERS/LINES, PRIOR TO COMMENCING WORK.
- C. REFER TO CIVIL FOR FINAL GRADING AND UTILITY LOCATIONS.
- D. FINISH GRADES OF PLANTING AREAS SHALL BE 2 1/2" BELOW ADJACENT PAVING, HEADERS, OR EDGING. MULCH SURFACES AND SEEDING BEDS SHALL BE 1/2" BELOW SAME.
- E. FINISH GRADES AND ANY PROPOSED GRADING WORK SHALL BE COMPLETED BEFORE ANY PLANTINGS ARE PLACED OR INSTALLED.
- F. BACKFLOW PREVENTER NOTES (SEE PLUMBING):
 - a. INSTALL BACKFLOW PREVENTER (BFP) AS REQUIRED BY LOCAL CODES AND ENVIRONMENTAL HEALTH DEPARTMENT. VERIFY LOCAL CODE REQUIREMENTS PRIOR TO INSTALLATION.
 - b. LANDSCAPE CONTRACTOR SHALL COORDINATE ELECTRICAL SUPPLY AND CONNECTION.
 - c. BFP SHALL BE TESTED AFTER INSTALLATION AND CERTIFIED BY A QUALIFIED TECHNICIAN AT CONTRACTOR'S EXPENSE.

KEYED NOTES:

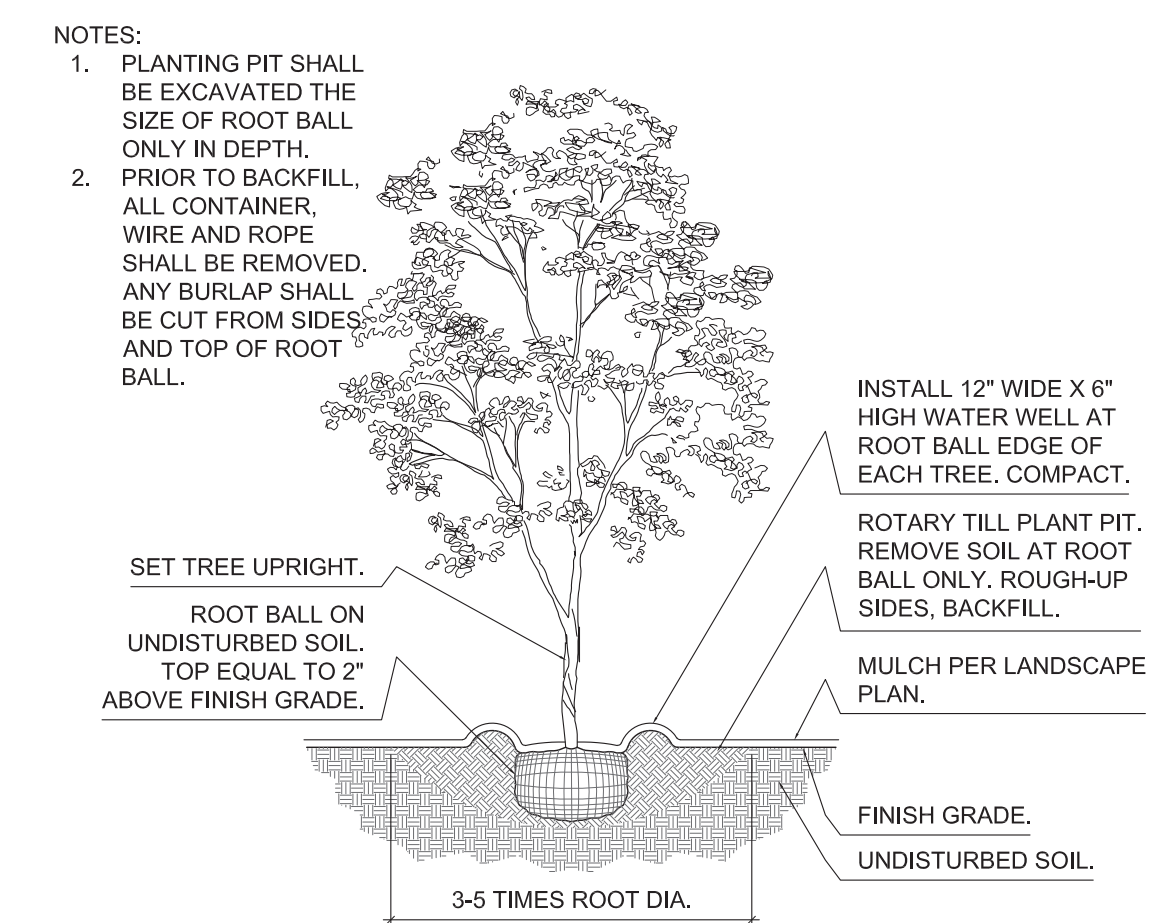
- 1. INSTALL 2-INCH MINIMUM THICKNESS OF CRUSHER FINES UNDER ALL TREES OR ORNAMENTAL GRASSES TO LANDSCAPE EDGE, AND IN LOCATIONS AS NOTED.
- 2. 4" LANDSCAPE CONCRETE CURB. SEE DETAIL B4/AS-501.
- 3. FIRE DEPARTMENT CONNECTION.
- 4. FILL PLANTER WITH GARDEN SOIL TO 2" FROM TOP. SEE DETAIL B5/ AS-501.
- 5. FIRE HYDRANT IN CONCRETE COLLAR.
- 6. LOCATION OF IRRIGATION CONTROLLER. SEE PLUMBING AND ELECTRICAL.

PLANTING LEGEND (ALL PLANTING SHALL BE IRRIGATED; ALL PLANTS AND TREES SHALL BE GUARANTEED FOR 2 YEARS. SEE SPECIFICATIONS)

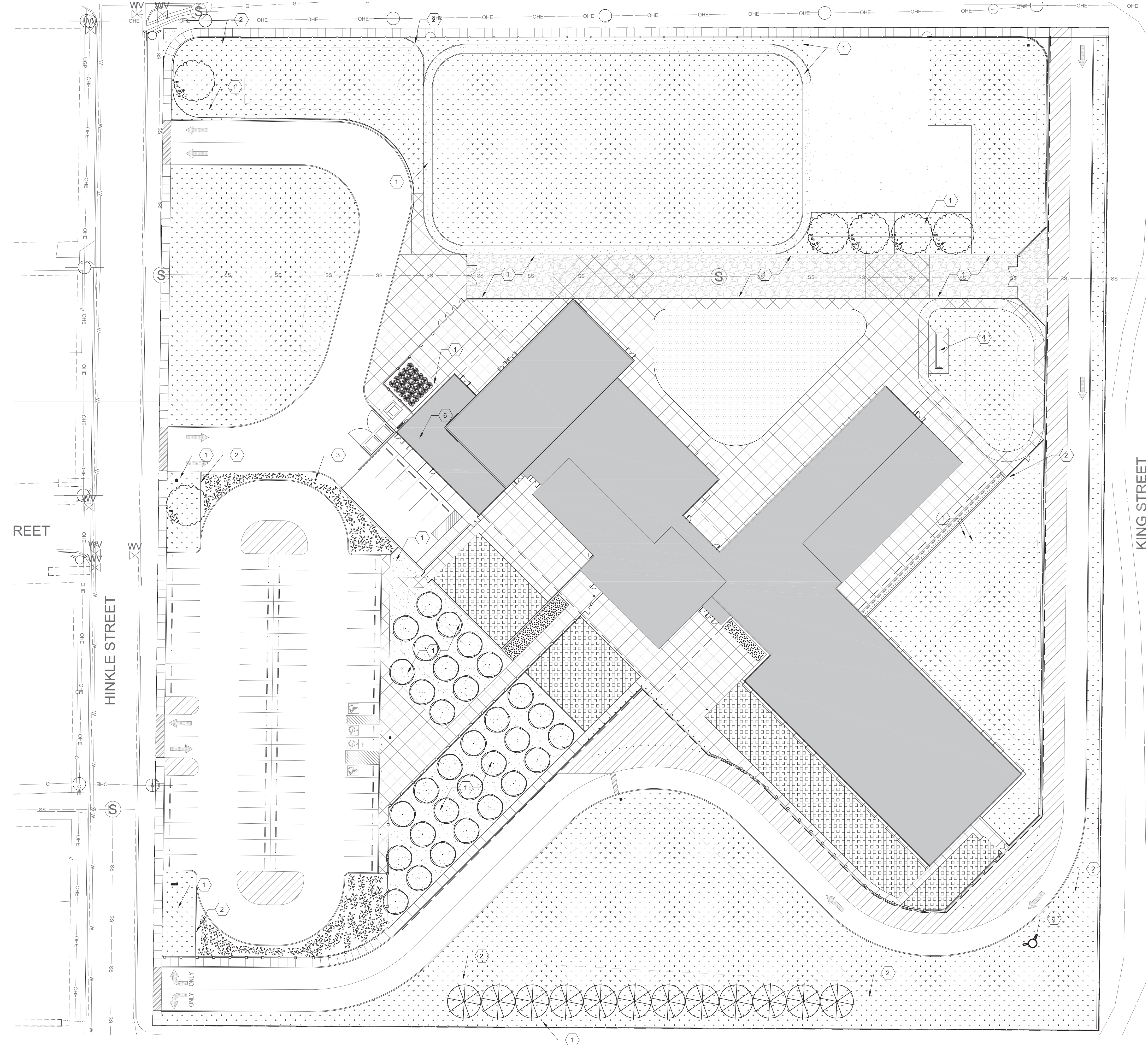
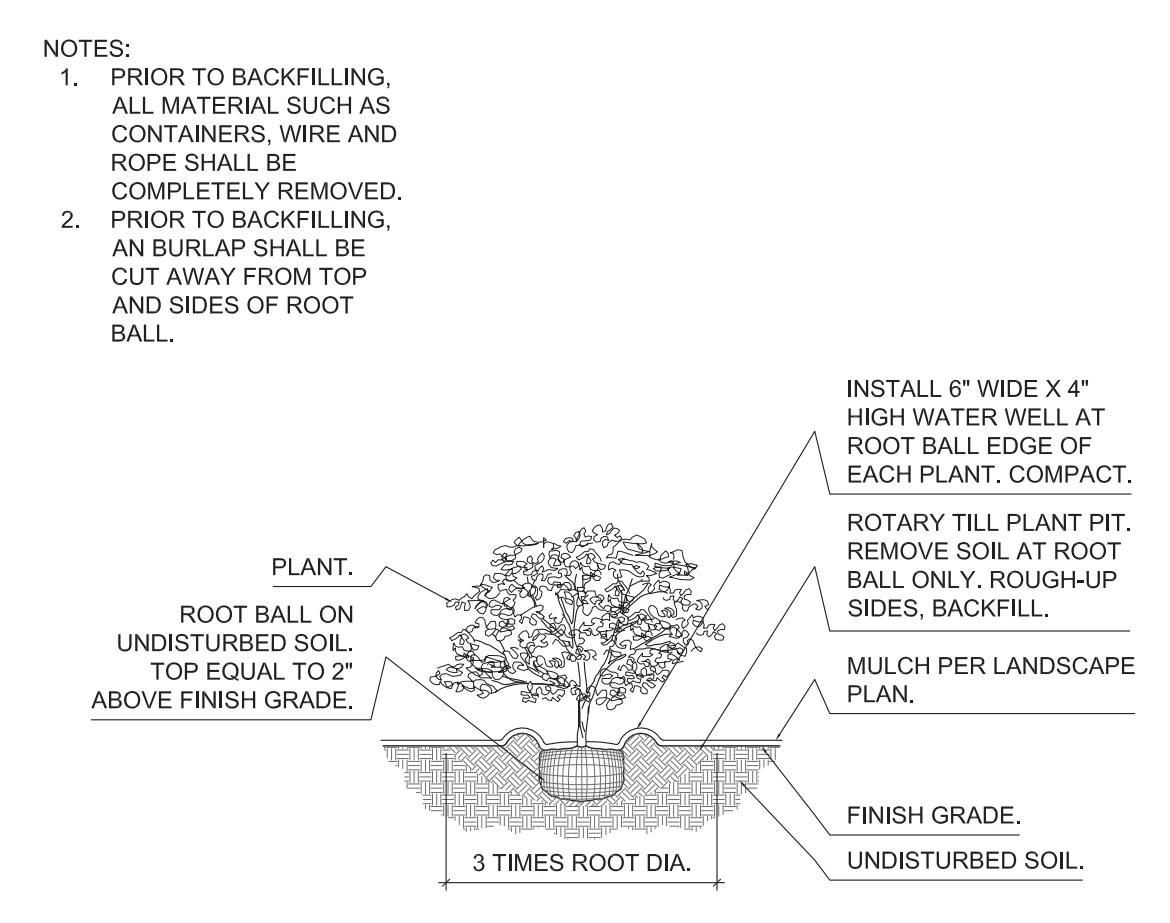
TREES	SYMBOL	EST QTY	SIZE @ MIN	COMMON NAME	BOTANICAL NAME	IRRIGATION NOTES
		6	8 FT TALL (MIN) 2" CALIPER (MIN)	GOLDEN RAIN TREE (DRIP IRRIGATED)	KOELREUTERIA PANICOLATA	2-3X/ WEEK 1ST YEAR; PLANT EARLY SPRING
		32	24" BOX 8 FT TALL (MIN)	EASTERN REDBUD (DRIP IRRIGATED)	CERCIS CANADENSIS	SINGLE TRUNK 2-3X/ WEEK 1ST YEAR; PLANT EARLY SPRING
		12	24" BOX 8 FT TALL (MIN) 2" CALIPER (MIN)	ROCKY MOUNTAIN JUNIPER (DRIP IRRIGATED)	JUNIPERUS SCOPULORUM	PLANT EARLY SPRING OR FALL

SHRUBS AND PERENNIALS	SYMBOL	EST QTY	SIZE @ MIN	COMMON NAME	BOTANICAL NAME	IRRIGATION NOTES
		200	#1 CONTAINER	WINTER CREEPER CREEPING EUONYMUS	EUONYMUS FORTUNEI (DRIP IRRIGATED)	2 FT ON CENTER EACH WAY (DRIP IRRIGATED)
		25	#1 CONTAINER	FOUNTAIN GRASS (DRIP IRRIGATED)	FENNETUM SETACEUM	4 FT ON CENTER EACH WAY (DRIP IRRIGATED)
		140	#1 CONTAINER	PURPLE CONEFLOWER (DRIP IRRIGATED)	ECHINACEA	1 FT ON CENTER EACH WAY (DRIP IRRIGATED)
		60	2 QUART	CREEPING PHLOX SCARLETT FLAME (DRIP IRRIGATED)	PHLOX SUBULATA	1 FT ON CENTER, 1 ROW
		200	#1 CONTAINER	BLUE LEADWORT (DRIP IRRIGATED)	CERAFASIGMA FLUMBAGINOIDES	1 FT ON CENTER EACH WAY

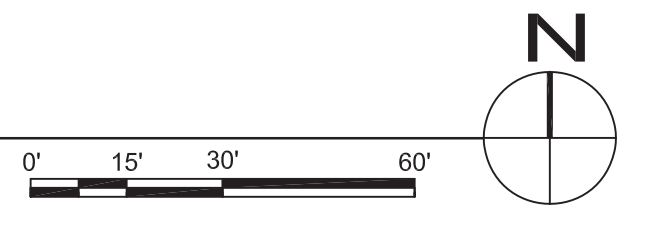
ACCENTS	SYMBOL	EST QTY	SIZE @ MIN	COMMON NAME
			2" MIN DEPTH AWENDED SOIL INCORPORATED IF MIN DEPTH NATIVE SOIL	"SILVER SPORT" GRASS - SEED (SPRINKLER IRRIGATED)
				CRUSHER FINES (2" MINIMUM)
			2" MIN DEPTH AWENDED SOIL INCORPORATED IF MIN DEPTH NATIVE SOIL	800 GRASS (SPRINKLER IRRIGATED)

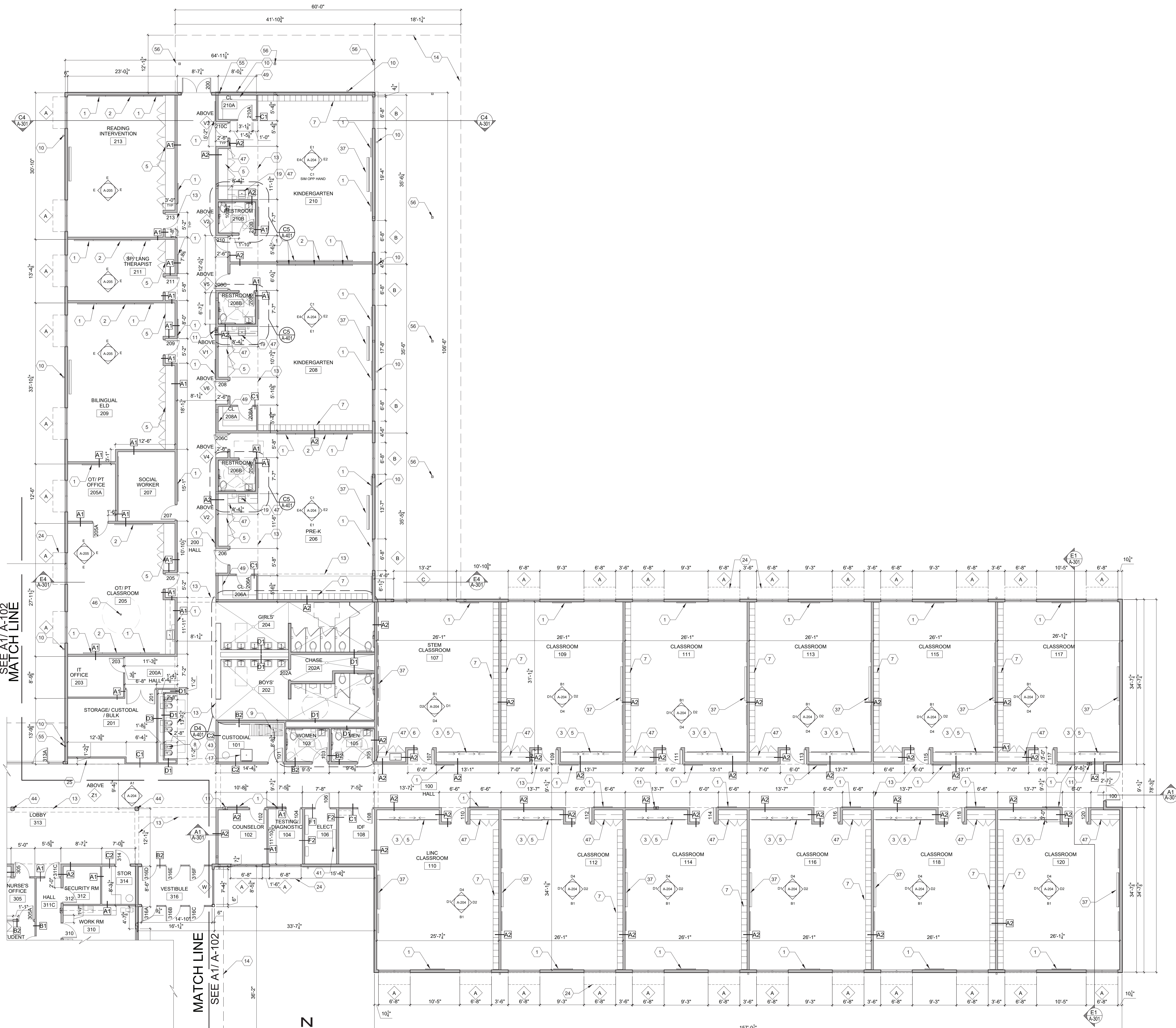


E3 PLANTING DETAILS
SCALE: NTS



A2 LANDSCAPE PLAN
SCALE: 1" = 30'-0"





A1 FLOOR PLAN - EAST
SCALE: 1/8" = 1'-0"

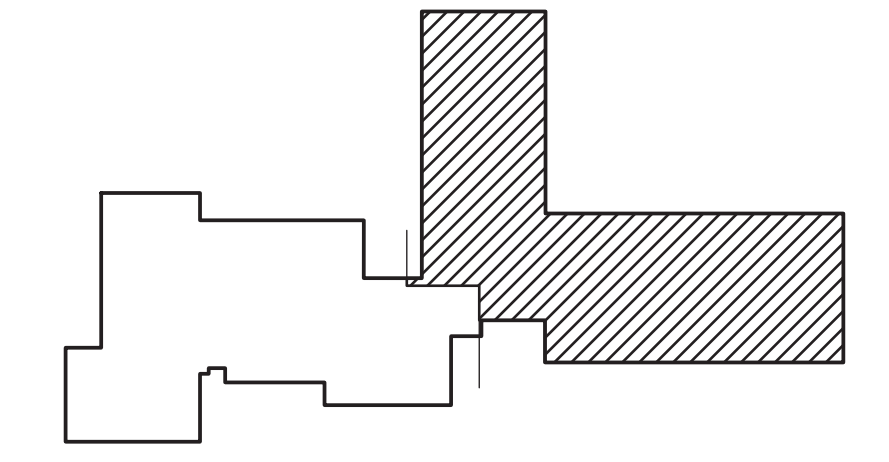


GENERAL NOTES

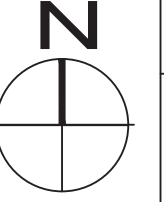
- A. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
- B. DIMENSIONS ARE FACE OF STUD TO FACE OF STUD, UNLESS NOTED OTHERWISE.
- C. NOT ALL KEYED NOTES ARE USED ON THIS SHEET.
- D. SEE SHEET A-102 FOR WALL TYPES.

KEYED NOTES:

1. 4'-0" X 4'-0" TACK BOARD.
2. 8'-0" X 4'-0" WHITE BOARD.
3. SLIDING WHITE BOARD. SEE INTERIOR ELEVATIONS + A4/A-503.
4. BUILT-IN PLASTIC LAMINATE CASEWORK. SEE INTERIOR ELEVATIONS. ENLARGED PLANS + CASEWORK DETAILS.
5. FULL HEIGHT BUILT-IN PLASTIC LAMINATE CASEWORK. SEE A5/A-504.
6. ADA ACCESSIBLE SINK. SEE SHEET A-203 FOR ACCESSIBLE MOUNTING HEIGHTS. SEE PLUMBING.
7. METAL STUDENT LOCKERS WITH SOLID SURFACING TOP.
8. ELECTRIC WATER COOLER. SEE PLUMBING + ELECTRICAL.
9. MOP SINK AND MOP RACK. SEE PLUMBING.
10. EXTERIOR DOWNSPOUT. SEE ROOF + PLUMBING PLANS.
11. RECESSED FIRE EXTINGUISHER AND CABINET.
12. HANDICAP ASSIST DOOR OPERATOR BUTTON. SEE HARDWARE AND ELECTRICAL.
13. LINE OF SOFFIT/HEADWALL ABOVE.
14. LINE OF EXTERIOR SHADE CANOPY ABOVE.
15. CMU YARD WALL. SEE SHEET AS-501.
16. 6'-0" HIGH ORNAMENTAL FENCE. SEE AS-101.
17. ROOF HATCH AND SHIP'S LADDER. SEE DETAIL.
18. WALL HYDRANT. SEE PLUMBING.
19. SINK WITH DRINKING BUBBLER. SEE PLUMBING.
20. OVERHEAD COILING SHUTTER. SEE ELECTRICAL.
21. ROOM DIVIDING CURTAIN. SEE ELECTRICAL.
22. PAINTED 2 INCH WIDE BASKETBALL GAME LINES.
23. LINE OF ROOF ABOVE, TYPICAL.
24. LINE OF WINDOW SUNSHADE ABOVE, TYPICAL.
25. DISPLAY CASE.
26. FIRE EXTINGUISHER AND BRACKET.
27. KNOX BOX. MODEL #3200 RECESSED MOUNT, COLOR DARK BRONZE.
28. SECURE ACCESS VIDEO CAMERA AND SPEAKER FURNISHED AND INSTALLED BY OWNER.
29. CLOTHES WASHING MACHINE.
30. CLOTHES DRYER.
31. STAFF LOCKERS.
32. IN-FLOOR VOLLEYBALL STANDARD RECEPTACLE WITH COVER.
33. CHEMICAL STORAGE CABINET.
34. REFRIGERATOR. SEE PLUMBING AND ELECTRICAL.
35. DOUBLE LOCKING NARCOTICS CABINET.
36. PRIVACY CURTAINS AND TRACK.
37. SMART DISPLAY BOARD. NIC.
38. BASKETBALL GOALS. SEE ELECTRICAL.
39. ACOUSTICAL PANELS ABOVE. SEE INTERIOR ELEVATIONS.
40. 4'-0" X 4'-0" WHITE BOARD.
41. ELECTRICAL PANEL. SEE ELECTRICAL.
42. SEE SHEETS QFS-101-104 FOR EQUIPMENT DETAIL IN THIS AREA.
43. WATER HEATER. SEE PLUMBING.
44. COLUMN AND COLUMN COVER.
45. 4'-0" X 8'-0" TACK BOARD.
46. SWING LOOP IN CEILING ABOVE. SEE STRUCTURAL.
47. PLASTIC LAMINATE UPPER AND LOWER CABINETS. SEE A3/A-504.
48. FULL HEIGHT, LOCKABLE WARDROBE UNIT WITH COAT ROD AND SHELF.
49. FIXED SHELVING. SEE C5/A-504.
50. CORNER WALL PADS.
51. AED IN CABINET.
52. VENDING MACHINE. NIC.
53. SECURITY/ ACCESS BOLLARD.
54. NOT USED.
55. ACCESS CARD READER. NIC. SEE ELECTRICAL.
56. STRUCTURAL COLUMN. SEE STRUCTURAL.

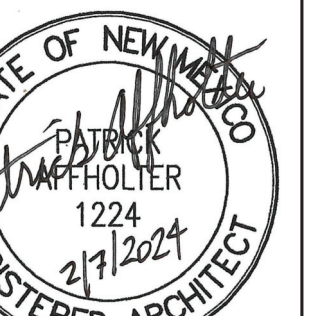


KEY PLAN
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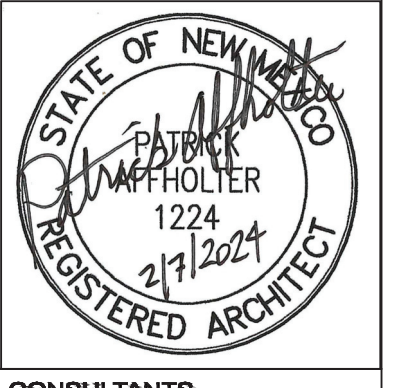
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FLOOR PLAN
-EAST

SHEET NO.

A-101

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FLOOR PLAN
 - WEST

SHEET NO.

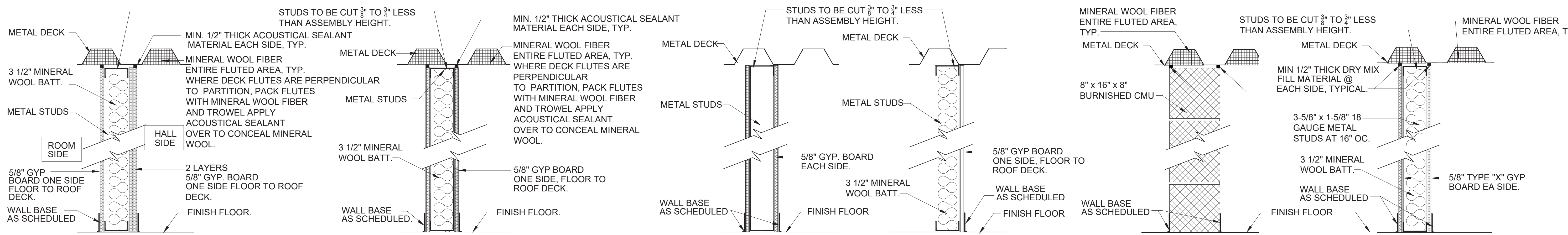
A-102

GENERAL NOTES

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- B. DIMENSIONS ARE FACE OF STUD TO FACE OF STUD, UNLESS NOTED OTHERWISE.
- C. NOT ALL KEYED NOTES ARE USED ON THIS SHEET.
- D. SEE SHEET A-102 FOR WALL TYPES.

KEYED NOTES:

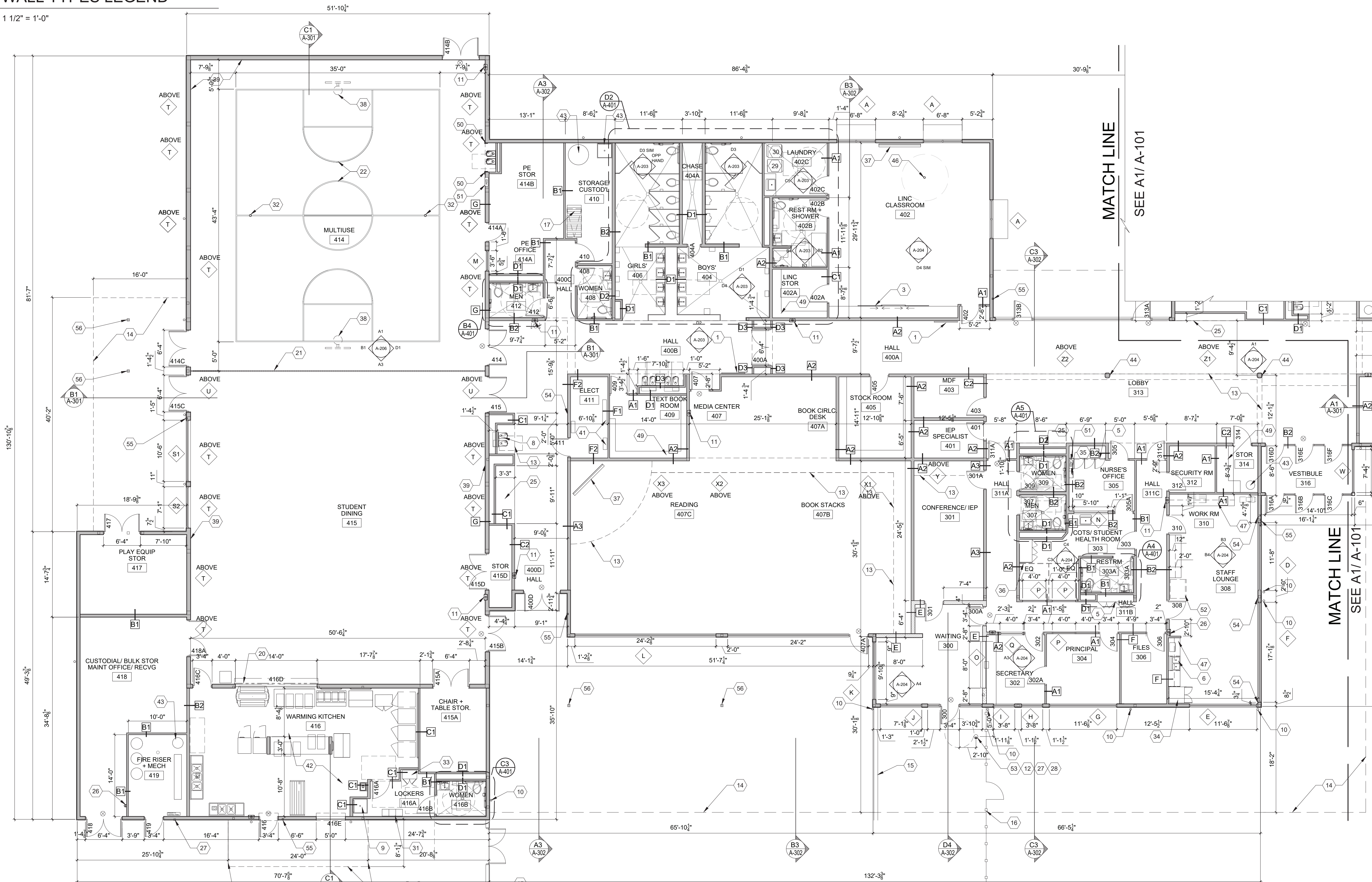
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3. SLIDING WHITE BOARD. SEE INTERIOR ELEVATIONS + A4/A-503.
4. BUILT-IN PLASTIC LAMINATE CASEWORK. SEE INTERIOR ELEVATIONS. ENLARGED PLANS + CASEWORK DETAILS.
5. FULL HEIGHT BUILT-IN PLASTIC LAMINATE CASEWORK. SEE A5/A-504.
6. ADA ACCESSIBLE SINK. SEE SHEET A-203 FOR ACCESSIBLE MOUNTING HEIGHTS. SEE PLUMBING.
7. METAL STUDENT LOCKERS WITH SOLID SURFACING TOP. ELECTRIC WATER COOLER. SEE PLUMBING + ELECTRICAL.
8. MOP SINK AND MOP RACK. SEE PLUMBING.
9. EXTERIOR DOWNSPOUT. SEE ROOF + PLUMBING PLANS.
10. RECESSED FIRE EXTINGUISHER AND CABINET.
11. HANDICAP ASSIST DOOR OPERATOR BUTTON. SEE HARDWARE AND ELECTRICAL.
12. LINE OF SOFFIT/ HEADWALL ABOVE.
13. LINE OF EXTERIOR SHADE CANOPY ABOVE.
14. CMU YARD WALL. SEE SHEET AS-501.
15. 6'-0" HIGH ORNAMENTAL FENCE. SEE AS-101.
16. ROOF HATCH AND SHIP'S LADDER. SEE DETAIL.
17. WALL HYDRANT. SEE PLUMBING.
18. SINK WITH DRINKING BUBBLER. SEE PLUMBING.
19. OVERHEAD COILING SHUTTER. SEE ELECTRICAL.
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31. IN-FLOOR VOLLEYBALL STANDARD RECEPTACLE WITH COVER.
32. CHEMICAL STORAGE CABINET.
33. REFRIGERATOR. SEE PLUMBING AND ELECTRICAL.
34. DOUBLE LOCKING NARCOTICS CABINET.
35. PRIVACY CURTAINS AND TRACK.
36. SMART DISPLAY BOARD. NIC.
37. BASKETBALL GOALS. SEE ELECTRICAL.
38. ACOUSTICAL PANELS ABOVE. SEE INTERIOR ELEVATIONS.
39. 4'-0" X 4'-0" WHITE BOARD.
40. ELECTRICAL PANEL. SEE ELECTRICAL.
41. SEE SHEETS QFS-101-104 FOR EQUIPMENT DETAIL IN THIS AREA.
42. WATER HEATER. SEE PLUMBING.
43. COLUMN AND COLUMN COVER.
44. 4'-0" X 8'-0" TACK BOARD.
45. SWING LOOP IN CEILING ABOVE. SEE STRUCTURAL.
46. PLASTIC LAMINATE UPPER AND LOWER CABINETS. SEE A3/A-504.
47. FULL HEIGHT, LOCKABLE WARDROBE UNIT WITH COAT ROD AND SHELF.
48. FIXED SHELVING. SEE C5/A-504.
49. CORNER WALL PADS.
50. AED IN CABINET.
51. VENDING MACHINE. NIC.
52. SECURITY/ ACCESS BOLLARD.
53. NOT USED.
54. ACCESS CARD READER. NIC. SEE ELECTRICAL.
55. STRUCTURAL COLUMN. SEE STRUCTURAL.



- A1 WALL TYPE**
 3-5/8" x 1-5/8" 18 GAUGE METAL STUDS AT 16" OC. SYSTEM PERFORMANCE: STC 49 MINIMUM. FRAME AROUND JOISTS TO MAINTAIN RATING. CAULK PERIMETER.
- A2**
 6" x 1-1/4" 22 GAUGE METAL STUDS AT 16" OC. SYSTEM PERFORMANCE: STC 49 MINIMUM. FRAME AROUND JOISTS TO MAINTAIN RATING. CAULK PERIMETER.
- A3**
 ONE LAYER 5/8" OSB UNDER 5/8" GYP ON ONE SIDE. SEE STRUCTURAL.
- B1 WALL TYPE**
 3-5/8" x 1-5/8" 18 GAUGE METAL STUDS AT 16" OC. FRAME AROUND JOISTS. CAULK PERIMETER.
- B2**
 6" x 1-1/4" 22 GAUGE METAL STUDS AT 16" OC. FRAME AROUND JOISTS. CAULK PERIMETER.
- G**
 8" METAL STUDS PER STRUCTURAL. 5/8" HIGH-IMPACT RESISTANT GYP BOARD ON ROOM SIDE OF MULTI-USE AND DINING UP 8'-0" AFF. FRAME AROUND JOISTS. CAULK PERIMETER.
- C1 WALL TYPE**
 3-5/8" x 1-5/8" 18 GAUGE METAL STUDS AT 16" OC.
- C2**
 6" x 1-1/4" 22 GAUGE METAL STUDS AT 16" OC.
- D1 WALL TYPE**
 3-5/8" x 1-5/8" 18 GAUGE METAL STUDS AT 16" OC.
- D2**
 6" x 1-1/4" 22 GAUGE METAL STUDS AT 16" OC.
- D3**
 3-5/8" x 1-5/8" 18 GAUGE METAL STUDS AT 16" OC. WITHOUT WOOL BATT INSULATION
- D4**
 6" x 1-1/4" 22 GAUGE METAL STUDS AT 16" OC. WITHOUT WOOL BATT INSULATION
- E WALL TYPE**
 8" CMU. BURNISHED BOTH SIDES. SEE STRUCTURAL
- F WALL TYPE**
 1 HOUR RATED PER UL DESIGN NO U465. FRAME AROUND JOISTS TO MAINTAIN RATING.
- F2**
 1 HOUR RATED PER UL DESIGN NO U465. FRAME AROUND JOISTS TO MAINTAIN RATING. 6-INCH STUDS.

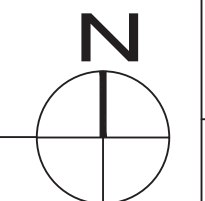
D1 WALL TYPES LEGEND

1 1/2" = 1'-0"

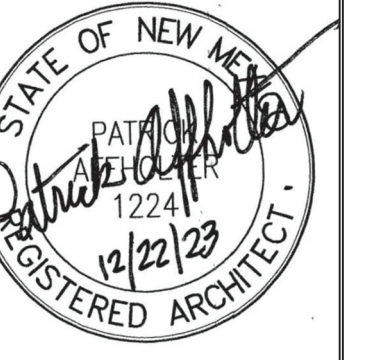


A1 FLOOR PLAN - WEST
 SCALE: 1/8" = 1'-0"

KEY PLAN
 NTS



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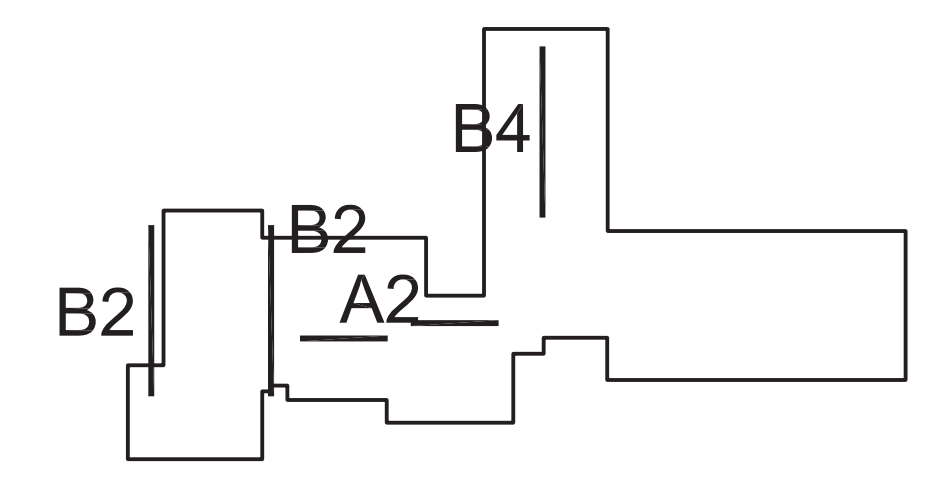
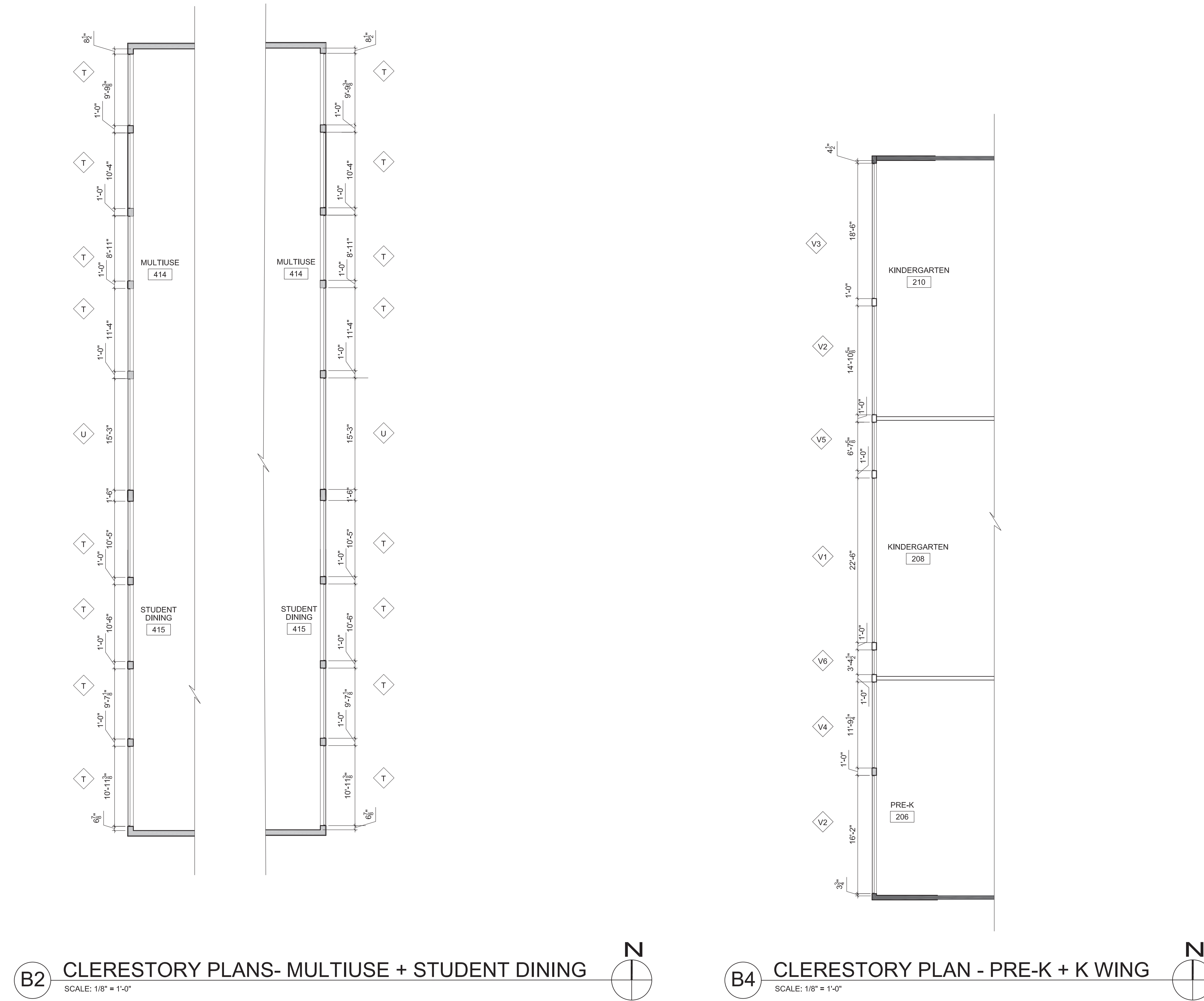
OWNER:
ROSWELL
INDEPENDENT
SCHOOL
DISTRICT

CD	12.22.2023	PERMIT
MARK	DATE	DESCRIPTION

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PSFA JOB NO.: P19-010
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SHEET TITLE

CLERESTORY
WINDOW
PLANS

SHEET NO.
A-103



KEY PLAN
NTS



GENERAL NOTES

- A. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
- B. DIMENSIONS ARE FACE OF STUD TO FACE OF STUD, UNLESS NOTED OTHERWISE.
- C. NOT ALL KEYED NOTES ARE USED ON THIS SHEET.
- D. SEE SHEET A-102 FOR WALL TYPES.
- E. SEE STRUCTURAL FOR SHEAR WALL LOCATIONS.

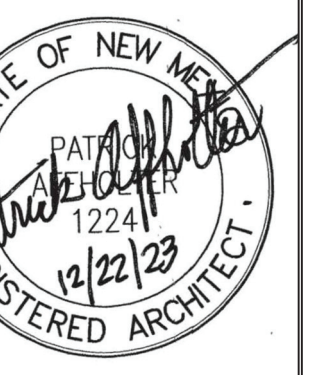
KEYED NOTES:

1. EXPOSED METAL DECK AND STRUCTURE. PAINT ALL MECHANICAL DUCTS, AND ALL EXPOSED ITEMS.
2. SUSPENDED ACOUSTICAL CEILING SYSTEM, TILE TYPE 2.
3. SUSPENDED GYPSUM BOARD CEILING.
4. NOT USED.
5. GYPSUM BOARD SOFFIT. SEE DETAIL D2/A-503.
6. GYPSUM BOARD HEADWALL. 3-5/8" METAL STUDS AT 18" OC TO DECK.
7. GYPSUM BOARD SOFFIT. 6" METAL STUDS AT 18" OC TO DECK. SEE DETAIL D1/A-503.
8. WINDOW OUTRIGGER. TYPICAL.
9. ROOF HATCH AND SHIP'S LADDER. SEE DETAIL.
10. GYPSUM BOARD SOFFIT OVER CASEWORK.
11. METAL PANEL SOFFIT. SEE DETAIL C3/A-108.
12. PRIVACY CURTAIN TRACKS.
13. SWING LOOP IN CEILING. CONFIRM PRECISE LOCATION WITH ARCHITECT AND OWNER. SEE STRUCTURAL.
14. SUSPENDED ACOUSTICAL CEILING SYSTEM, TILE TYPE 1.
15. ROOM DIVIDER CURTAIN. SEE ELECTRICAL.
16. LIGHTING FIXTURE. SEE ELECTRICAL.
17. EXTERIOR LIGHTING. SEE ELECTRICAL.
18. HVAC GRILLE. SEE MECHANICAL.
19. BUILDING COLUMN. TYPICAL.
20. SUSPENDED ACOUSTICAL CEILING SYSTEM, TILE TYPE 3.
21. SUSPENDED WOOD GRILLE CEILING SYSTEM.
22. SEE UPPER REFLECTED CEILING PLAN C4/A-103 FOR CEILING TYPE ABOVE.
23. GYPSUM BOARD SOFFIT. SEE SECTION C4/A-301.
24. POCKET FOR MOTORIZED WINDOW BLIND.



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 PATENT 1224
 12/22/23
 REGISTERED ARCHITECT

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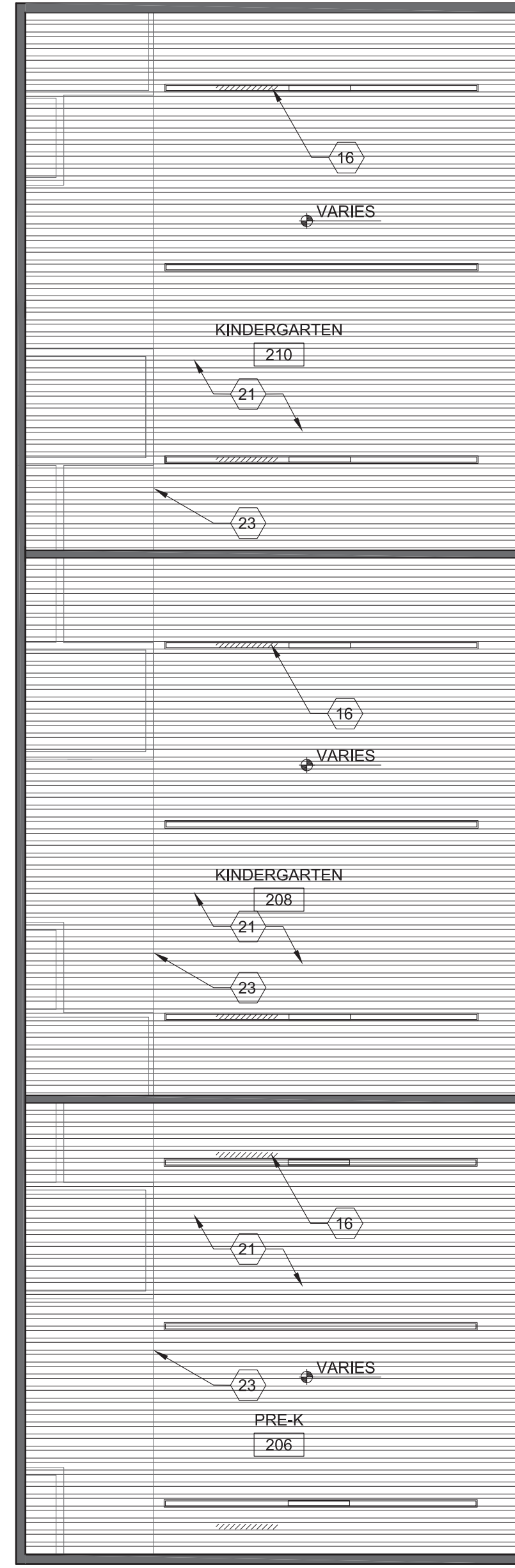
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 ROSWELL
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CD	12.22.2023	PERMIT
MARK	DATE	DESCRIPTION

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 PSFA JOB NO.: P19-010
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 SHEET TITLE

REFLECTED
 CEILING
 PLAN - EAST

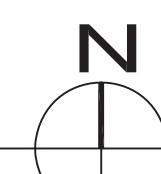
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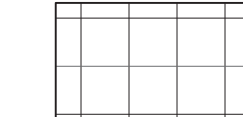


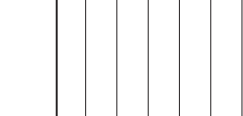
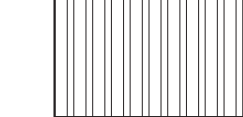
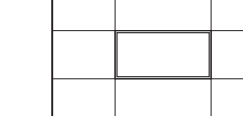
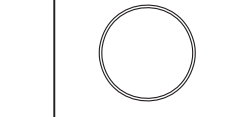

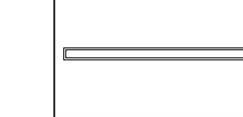

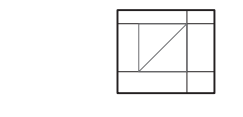

C4 UPPER REFLECTED CEILING PLAN
 SCALE: 1/8" = 1'-0"
 ROOMS 206, 208 + 210

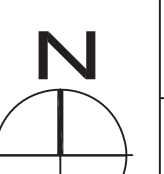
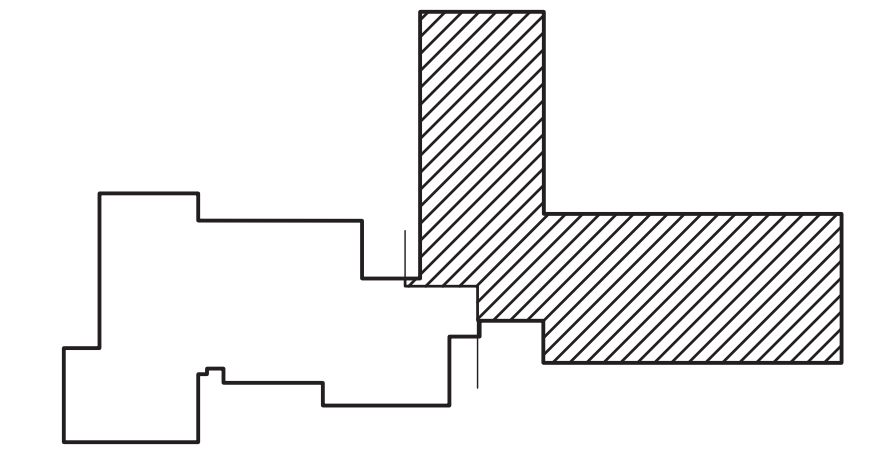


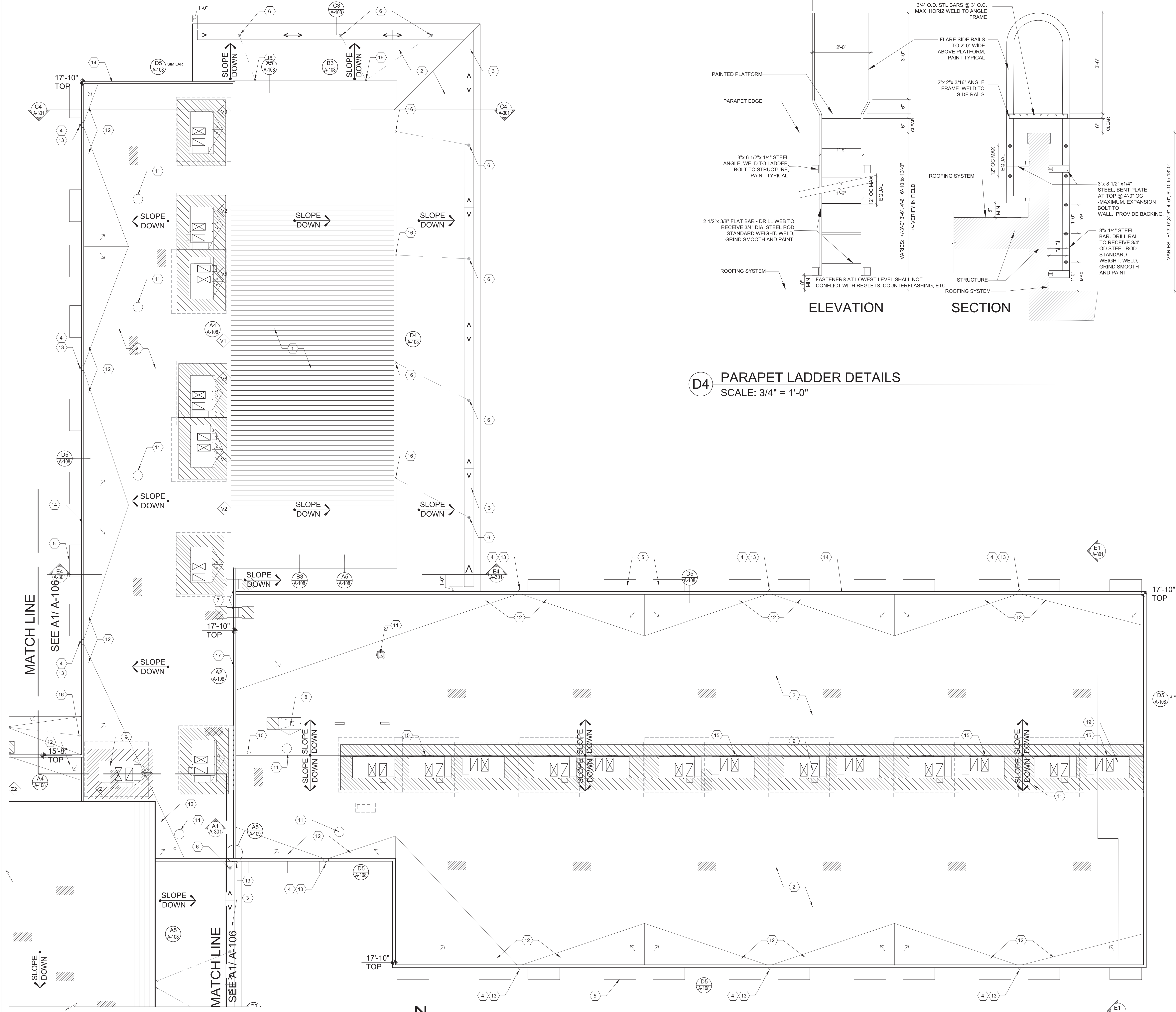
A1 EAST REFLECTED CEILING PLAN
 SCALE: 1/8" = 1'-0"



LEGEND

-  SUSPENDED ACOUSTICAL TILE CEILING SYSTEM.
-  SUSPENDED GYPSUM BOARD CEILING/SOFFIT.
-  METAL PANEL SOFFIT SYSTEM.
-  SUSPENDED WOOD GRILLE CEILING SYSTEM.
-  LAY-IN LIGHTING. SEE ELECTRICAL.
-  SUSPENDED LIGHT FIXTURE. SEE ELECTRICAL.
-  RECESSED LIGHT FIXTURE. SEE ELECTRICAL.
-  STRIP LIGHT FIXTURE. SEE ELECTRICAL.
-  EXIT LIGHT FIXTURE. SEE ELECTRICAL.
-  RETURN AIR GRILLE. SEE MECHANICAL.
-  SUPPLY AIR REGISTER. SEE MECHANICAL.
-  SUPPLY AIR REGISTER. SEE MECHANICAL.





D4 PARAPEET LADDER DETAILS
SCALE: 3/4" = 1'-0"

A1 ROOF PLAN - EAST
SCALE: 1/8" = 1'-0"

GENERAL NOTES

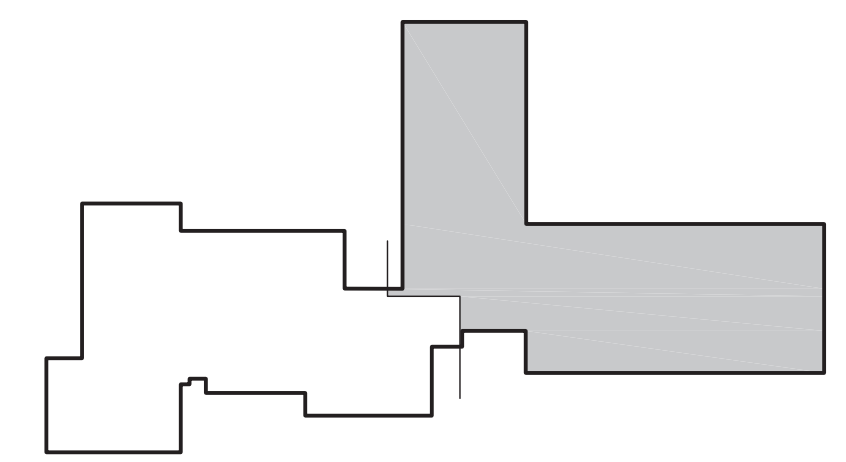
- A. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
- B. DIMENSIONS ARE FACE OF STUD TO FACE OF STUD, UNLESS NOTED OTHERWISE.
- C. NOT ALL KEYED NOTES ARE USED ON THIS SHEET.
- D. TYPICAL LOW-SLOPE SHALL BE (1/4" : 12").
- E. 30" WIDE TPO WALKPAD AROUND ENTIRE RTU, TYPICAL.
- F. CRICKETS ARE SHOWN FOR INTENT ONLY; CRICKETS SHALL BE INSTALLED ON HIGH SIDES OF ALL CURBS 24" OR GREATER AND BE BUILT TO MEET NRCA MINIMUM LENGTH TO WIDTH RATIO (3:1) WITH A MINIMUM 1/4" GREATER SLOPE THAN THE ROOF. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETE ROOF DRAINAGE.
- G. PANELS MUST BE CONTINUOUS FROM EAVE TO RIDGE / PEAK WITH NO SEAMS EXCEPT AT FULL CURBS.
- H. NIGHT SEALS MUST BE INSTALLED TO PREVENT ANY MOISTURE PENETRATION INTO, OR UNDER COMPLETED ROOFING. ANY ROOFING WHERE MOISTURE HAS PENETRATED INTO THE ROOF SYSTEM WILL HAVE TO BE REMOVED AND REPLACE.
- I. WIND PRESSURE UPLIFT: SEE SHEET S-002.

KEYED NOTES:

- 1. STANDING SEAM METAL ROOFING SYSTEM.
- 2. TPO ROOF.
- 3. TPO MEMBRANE COATED METAL INTEGRALTROUGH. SLOPE TO DRAIN IN TROUGH 1/8" PER FOOT, MIN. SEE DETAIL C3/ A-108.
- 4. SCUPPER COLLECTION BOX. SEE DETAILS A1 + B1/ A-108.
- 5. SUNSHADE SYSTEM BY ALUMINUM STOREFRONT MANUFACTURER.
- 6. ROOF DRAIN. SEE PLUMBING AND DETAIL C3/ A-108.
- 7. PARAPEET LADDER. SEE DETAIL D4/ A-106.
- 8. ROOF ACCESS HATCH.
- 9. MECHANICAL UNIT, REFER TO MECHANICAL DRAWINGS.
- 10. FLUE OR VENT PIPE PENETRATION, SEE MECHANICAL + PLUMBING.
- 11. EXHAUST FAN. SEE MECHANICAL.
- 12. CRICKET TO DRAIN. SEE GENERAL NOTE "F".
- 13. DOWNSPOUT LOCATION.
- 14. METAL PARAPEET COPING. SEE DETAIL D5/ A-108.
- 15. CRICKET AT ALL ROOF TOP MECHANICAL UNITS, TYPICAL.
- 16. DOWNSPOUT LOCATION UNDER CANOPY, BELOW. SEE PLUMBING + CIVIL.
- 17. TPO MEMBRANE COPING AT KNEE WALL. SEE DETAIL A2/ A-108.
- 18. PARAPEET LADDER +/- 13'-0" WITH FALL ARRESTER. SEE DETAIL D4/A-106.
- 19. PROVIDE THIS RTU WITH OSHA COMPLIANT FALL RESTRAINT PER MECHANICAL. SEE M-601.
- 20. ROOF DRAIN AND PIPING. SEE PLUMBING.
- 21. BUILD UP ROOF SLOPE (TO DRAIN TO ROOF DRAIN) WITH TAPERED INSULATION. MINIMUM BASE INSULATION 1 1/2" THICK.
- 22. ROOF ACCESS HATCH DRIP FLASHING.
- 23. FRT WOOD BLOCKING.
- 24. DECK ANGLE. SEE STRUCTURAL.
- 25. 5/8" GYPSUM DRYWALL.
- 26. 6" METAL STUD BOX HEADER.
- 27. BONDING/ FLASHING ADHESIVE.
- 28. FASTENERS AND SEAM PLATES PER TPO MANUFACTURER'S RECOMMENDATION.
- 29. HOT-AIR WELD, TYP.
- 30. TPO CUT-EDGE SEALANT.
- 31. 1/2" COVER BOARD.
- 32. R-25 MINIMUM RIGID INSULATION.
- 33. STEEL DECKING. SEE STRUCTURAL.
- 34. JOIST BEYOND. SEE STRUCTURAL.
- 35. WALL TYPE PER FLOOR PLAN.
- 36. ROOF ACCESS SHIP'S LADDER.
- 37. ROOF ACCESS HATCH CURB.
- 38. THROUGH-WALL SCUPPER. SEE DETAIL E4/ A-109.
- 39. TPO WALK PAD AT UPPER ROOF DISCHARGE.

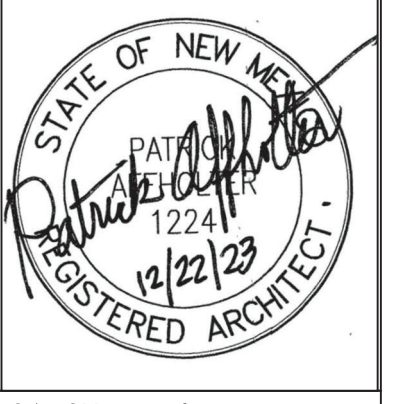
LEGEND:

- SLOPE DOWN DIRECTION OF SLOPE
- ROOF TOP MECHANICAL UNIT. SEE MECHANICAL
- ROOF ACCESS HATCH WITH TPO WALK PAD
- ROOF WALKPAD
- CRICKET. SLOPE TO DRAIN 1/2" PER FOOT MINIMUM
- WINDOW SUNSHADE BELOW
- WINDOW TYPE (CLERESTORY)



KEY PLAN
NTS

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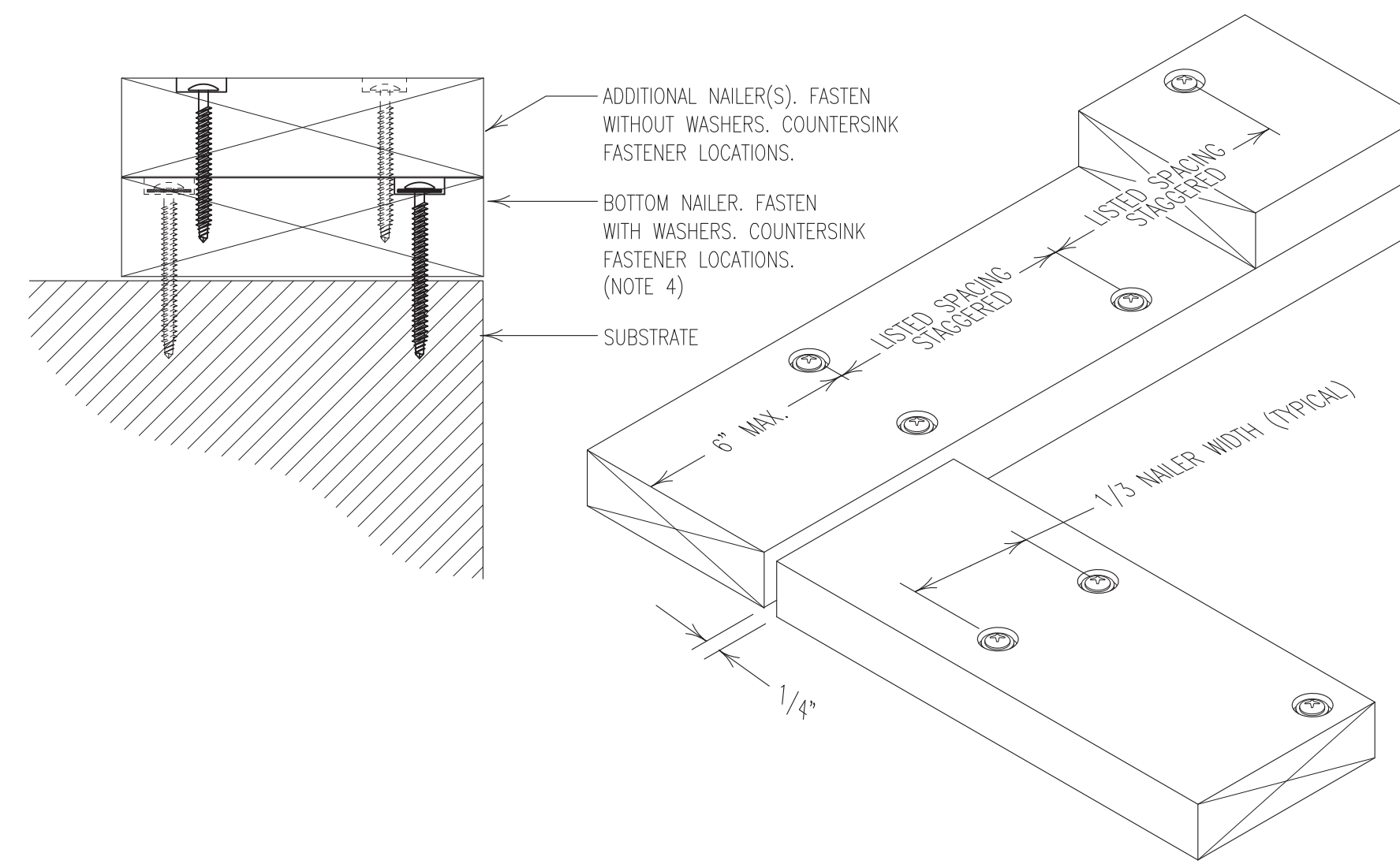
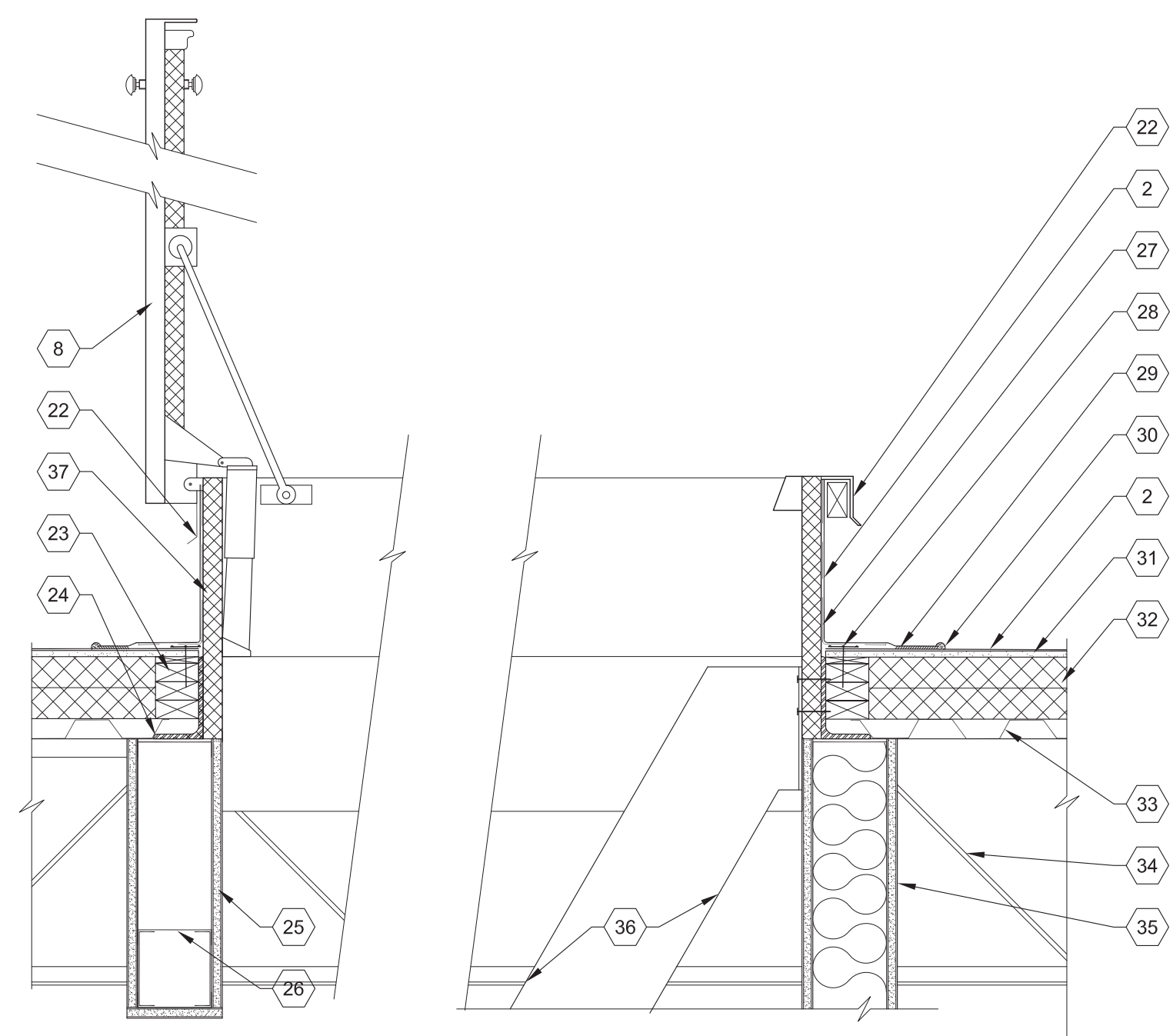
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DISTRICT

CD	DATE	DESCRIPTION



ALL PERIMETER NAILERS SHALL BE FASTENED IN ACCORDANCE WITH THE FOLLOWING SCHEDULE (UNLESS NOTED OTHERWISE ON DETAIL DRAWINGS)

ATTACHMENT SUBSTRATE	PERIMETER FASTENER SPACING (MAXIMUM)	CORNER FASTENER SPACING (MAXIMUM)
STRUCTURAL CONCRETE	12" O.C.	6" O.C.
CMU (FASTENER INTO SOLID MATERIAL)	12" O.C.	6" O.C.
STEEL DECK	12" O.C.	6" O.C.
WOOD	12" O.C.	6" O.C.

- NOTES:
- FASTENERS IN 6" OR WIDER (NOMINAL) LUMBER SHALL BE INSTALLED IN TWO (2) ROWS, STAGGERED 1/3 OF NAILER WIDTH.
 - TWO (2) FASTENERS SHALL BE INSTALLED WITHIN 6" OF EACH NAILER END.
 - CORNER FASTENER SPACING SHALL EXTEND 8" FROM ALL OUTSIDE BUILDING CORNERS.
 - WHERE TWO OR MORE NAILERS ARE INSTALLED, EACH NAILER SHALL BE FASTENED INDEPENDENTLY.
 - OVER ALL DECK TYPES, THE BOTTOM NAILER SHALL BE FASTENED USING THE SPECIFIED FASTENERS AND 5/8" DIAMETER WASHERS, COUNTERSINK WASHERS AND FASTENERS LEVEL WITH TOP OF WOOD USING SPADE BIT OR SIMILAR METHOD, FASTEN SUBSEQUENT NAILERS, WHERE SPECIFIED, USING THE SPECIFIED SCREWS WITHOUT WASHERS.
 - FASTENER TYPES ARE DETERMINED BY SUBSTRATE MATERIALS AND SECTION 06100 ROUGH CARPENTRY.
 - NAILERS SHALL BE INSTALLED WITH 1/4" GAP BETWEEN ENDS OF ADJOINING PIECES.
 - REFER TO SECTION 06100 FOR ADDITIONAL REQUIREMENTS.

GENERAL NOTES

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- DIMENSIONS ARE FACE OF STUD TO FACE OF STUD, UNLESS NOTED OTHERWISE.
- NOT ALL KEYED NOTES ARE USED ON THIS SHEET.
- TYPICAL LOW-SLOPE SHALL BE (1/4" : 12").
- 30" WIDE TPO WALKPAD AROUND ENTIRE RTU, TYPICAL.
- CRICKETS ARE SHOWN FOR INTENT ONLY; CRICKETS SHALL BE INSTALLED ON HIGH SIDES OF ALL CURBS 24" OR GREATER AND BE BUILT TO MEET NRCA MINIMUM LENGTH TO WIDTH RATIO (3:1) WITH A MINIMUM 1/4" GREATER SLOPE THAN THE ROOF. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETE ROOF DRAINAGE.
- PANELS MUST BE CONTINUOUS FROM EAVE TO RIDGE / PEAK WITH NO SEAMS EXCEPT AT FULL CURBS.
- NIGHT SEALS MUST BE INSTALLED TO PREVENT ANY MOISTURE PENETRATION INTO, OR UNDER COMPLETED ROOFING. ANY ROOFING WHERE MOISTURE HAS PENETRATED INTO THE ROOF SYSTEM WILL HAVE TO BE REMOVED AND REPLACE.
- WIND PRESSURE UPLIFT: SEE SHEET S-002.

KEYED NOTES:

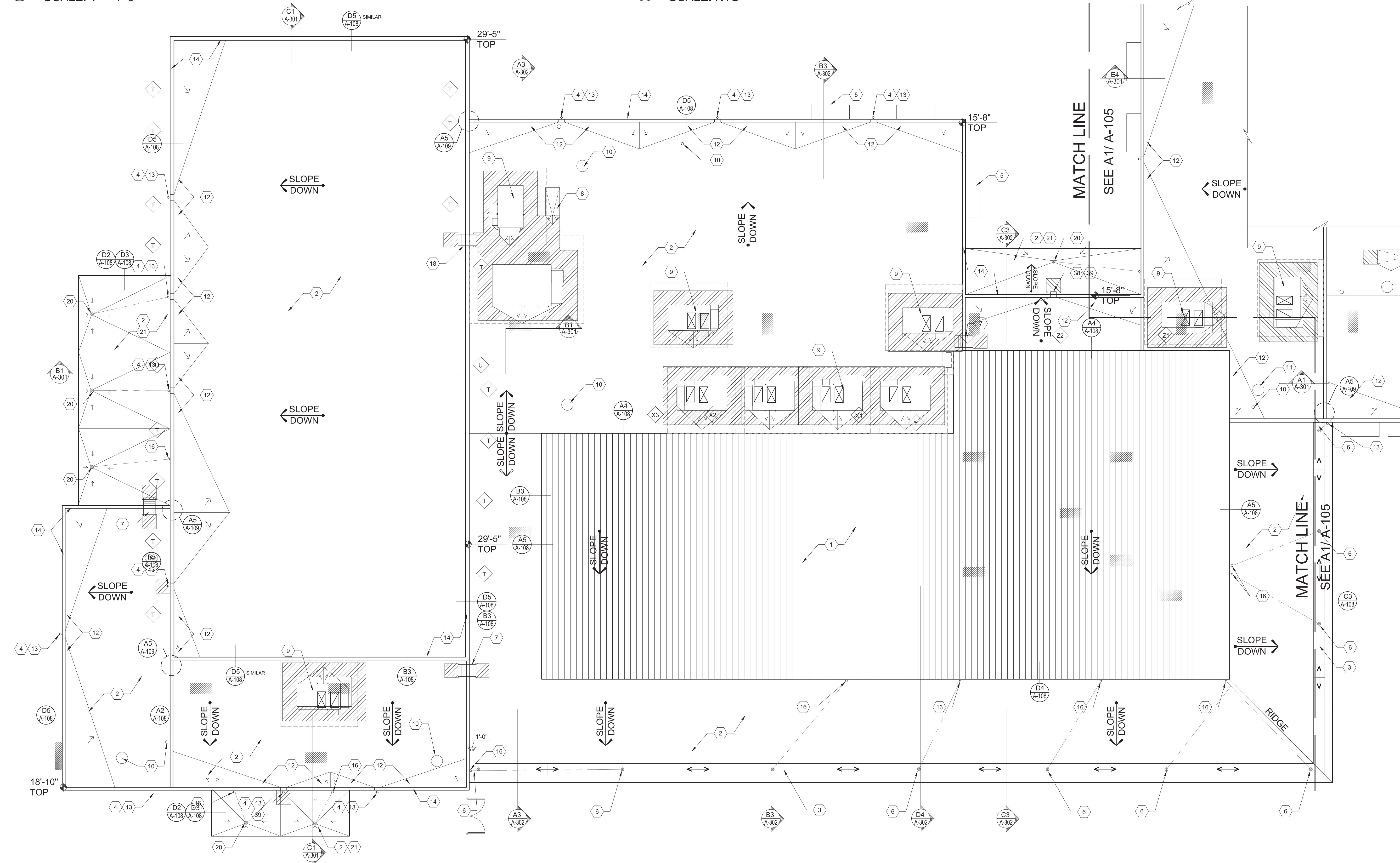
- STANDING SEAM METAL ROOFING SYSTEM.
- TPO ROOF.
- TPO MEMBRANE COATED METAL INTEGRALTROUGH. SLOPE TO DRAIN IN TROUGH 1/8" PER FOOT, MIN. SEE DETAIL C3/ A-108.
- SCUPPER COLLECTION BOX. SEE DETAILS A1 + B1/ A-108.
- SUNSHADE SYSTEM BY ALUMINUM STOREFRONT MANUFACTURER.
- ROOF DRAIN, SEE PLUMBING AND DETAIL C3/ A-108.
- PARAPET LADDER, SEE DETAIL D4/ A-106.
- ROOF ACCESS HATCH.
- MECHANICAL UNIT, REFER TO MECHANICAL DRAWINGS.
- FLUE OR VENT PIPE PENETRATION, SEE MECHANICAL + PLUMBING.
- EXHAUST FAN, SEE MECHANICAL.
- CRICKET TO DRAIN. SEE GENERAL NOTE "F".
- DOWNSPOUT LOCATION.
- METAL PARAPET COPING. SEE DETAIL D5/ A-108.
- CRICKET AT ALL ROOF TOP MECHANICAL UNITS, TYPICAL.
- DOWNSPOUT LOCATION UNDER CANOPY, BELOW. SEE PLUMBING + CIVIL.
- TPO MEMBRANE COPING AT KNEE WALL. SEE DETAIL A2/ A-108.
- PARAPET LADDER +/- 13'-0" WITH FALL ARRESTER. SEE DETAIL D4/A-106.
- PROVIDE THIS RTU WITH OSHA COMPLIANT FALL RESTRAINT PER MECHANICAL. SEE M-601.
- ROOF DRAIN AND PIPING. SEE PLUMBING.
- BUILD UP ROOF SLOPE (TO DRAIN TO ROOF DRAIN) WITH TAPERED INSULATION. MINIMUM BASE INSULATION 1 1/2" THICK
- ROOF ACCESS HATCH DRIP FLASHING.
- FRT WOOD BLOCKING.
- DECK ANGLE. SEE STRUCTURAL.
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- 6" METAL STUD BOX HEADER.
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- STEEL DECKING. SEE STRUCTURAL.
- JOIST BEYOND. SEE STRUCTURAL.
- WALL TYPE PER FLOOR PLAN.
- ROOF ACCESS SHIP'S LADDER.
- ROOF ACCESS HATCH CURB.
- THROUGH-WALL SCUPPER. SEE DETAIL E4/ A-109.
- TPO WALK PAD AT UPPER ROOF DISCHARGE.

LEGEND:

- DIRECTION OF SLOPE
- ROOF TOP MECHANICAL UNIT. SEE MECHANICAL
- ROOF ACCESS HATCH WITH TPO WALK PAD
- ROOF WALKPAD
- CRICKET. SLOPE TO DRAIN 1/2" PER FOOT MINIMUM
- WINDOW SUNSHADE BELOW
- WINDOW TYPE (CLERESTORY)

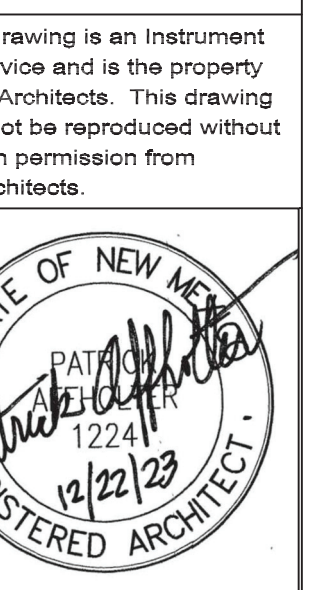
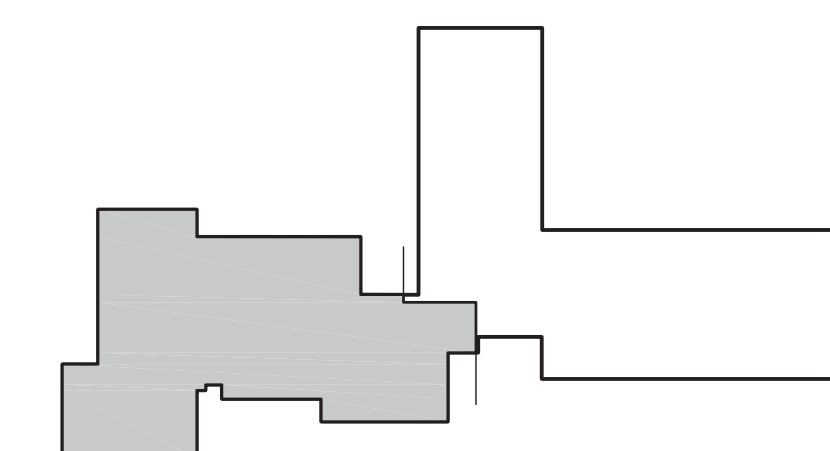
D1 ROOF HATCH CURB
SCALE: 1" = 1'-0"

D3 NAILER ATTACHMENT GUIDELINES AT PERIMETER
SCALE: NTS



A1 ROOF PLAN - WEST
SCALE: 1/8" = 1'-0"

KEY PLAN
NTS



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MARK	DATE	DESCRIPTION

GENERAL NOTES

- A. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
- B. DIMENSIONS ARE FACE OF STUD TO FACE OF STUD, UNLESS NOTED OTHERWISE.
- C. NOT ALL KEYED NOTES ARE USED ON THIS SHEET.

KEYED NOTES:

- 1. STANDING SEAM METAL ROOF.
- 2. EIFS SYSTEM.
- 3. ALUMINUM FRAMED WINDOW AS SCHEDULED.
- 4. ALUMINUM FRAMED DOOR AS SCHEDULED.
- 5. STEEL COLUMN. SEE STRUCTURAL.
- 6. CLERESTORY BEYOND.
- 7. WINDOW OUTRIGGER.
- 8. COLLECTION BOX, DOWNSPOUT AND PREFINISHED KYNAR BRACKETS. HEAVY-DUTY BOOT UP 4'-0" ABOVE FINISHED GRADE. SEE SHEETS A-106 + A-107 AND DETAIL A1/ A-108.
- 9. EIFS JOINT.
- 10. BRAKE METAL, TYP.
- 11. METAL PARAPET COPING.
- 12. ORNAMENTAL FENCE. SEE SITE PLAN FOR EXTENT.
- 13. NOT USED.
- 14. DOWNSPOUT AND HEAVY DUTY BOOT.
- 15. BURNISHED CMU YARD WALL. SEE SITE PLAN FOR EXTENT.
- 16. BUILDING CANOPY.
- 17. LIGHT FIXTURE. SEE ELECTRICAL.
- 18. HOSE BIB. SEE PLUMBING.
- 19. NOT USED.
- 20. HOLLOW METAL DOOR AND FRAME AS SCHEDULED.
- 21. HIGH IMPACT MESH, UP 10'-0" AFF, TYPICAL.
- 22. TRANSLUCENT GLAZING AS SCHEDULED.
- 23. PARAPET LADDER. SEE DETAIL D4/A-106.
- 24. BUILDING IDENTIFICATION SIGNAGE.
- 25. KNOX BOX.



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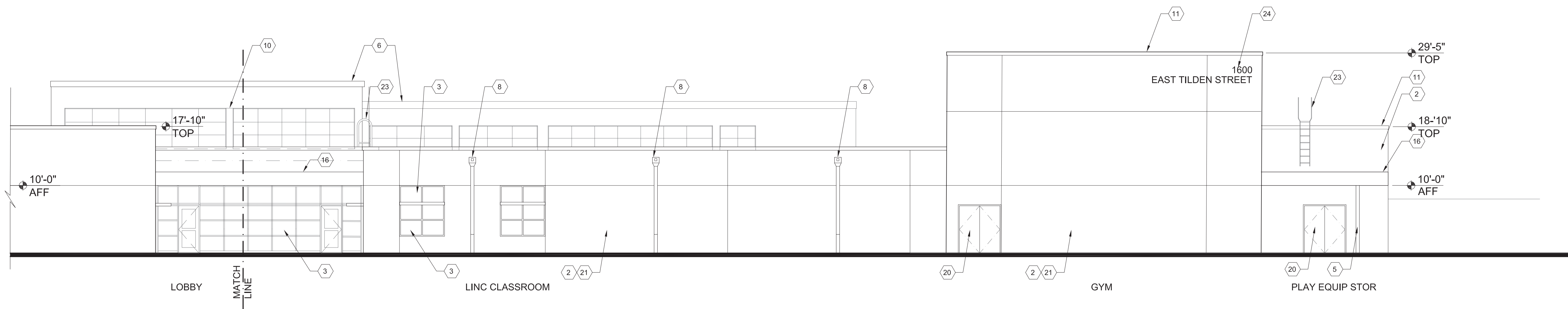
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SCHOOL
DISTRICT

CD	DATE	DESCRIPTION

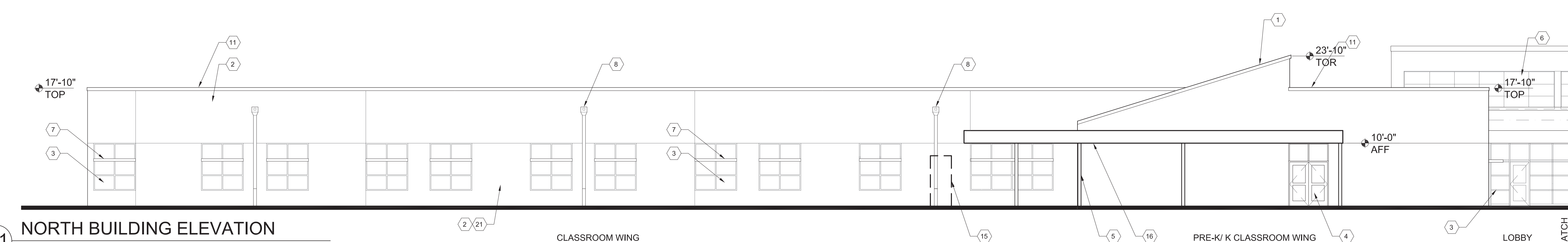
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SHEET TITLE

BUILDING
ELEVATIONS
- NORTH
+ SOUTH

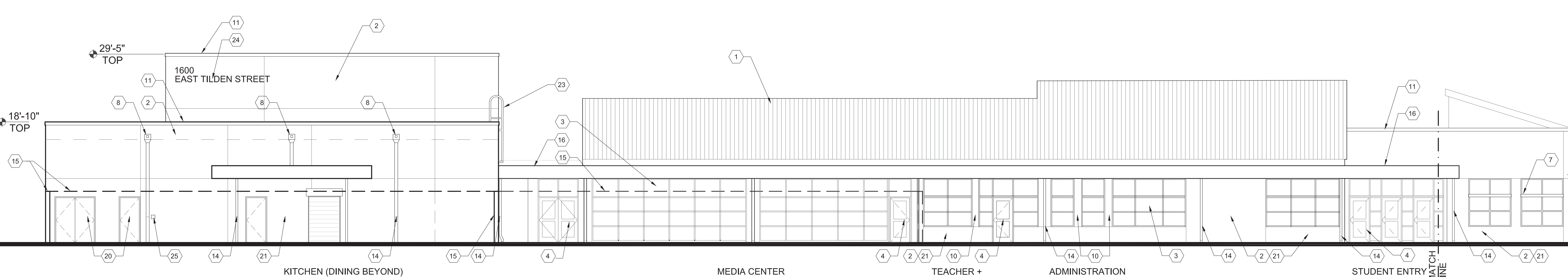
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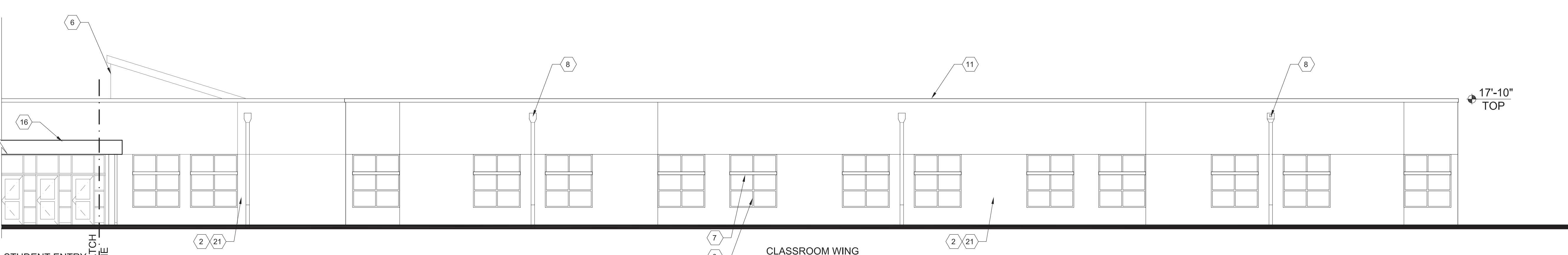
D1 NORTH BUILDING ELEVATION
SCALE: 1/8"= 1'-0"



C1 NORTH BUILDING ELEVATION
SCALE: 1/8"= 1'-0"



B1 SOUTH BUILDING ELEVATION
SCALE: 1/8"= 1'-0"



A1 SOUTH BUILDING ELEVATION
SCALE: 1/8"= 1'-0"

GENERAL NOTES

- A. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
- B. DIMENSIONS ARE FACE OF STUD TO FACE OF STUD, UNLESS NOTED OTHERWISE.
- C. NOT ALL KEYED NOTES ARE USED ON THIS SHEET.

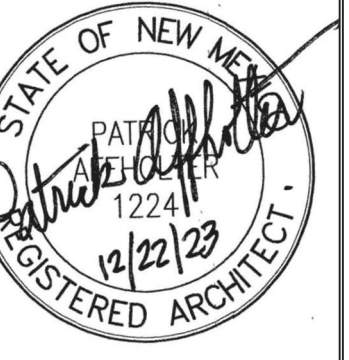
KEYED NOTES:

1. STANDING SEAM METAL ROOF.
2. EIFS SYSTEM.
3. ALUMINUM FRAMED WINDOW AS SCHEDULED.
4. ALUMINUM FRAMED DOOR AS SCHEDULED.
5. STEEL COLUMN. SEE STRUCTURAL.
6. CLERESTORY BEYOND.
7. WINDOW OUTRIGGER.
8. COLLECTION BOX, DOWNSPOUT AND PREFINISHED KYNAR BRACKETS. HEAVY-DUTY BOOT UP 4'-0" ABOVE FINISHED GRADE. SEE SHEETS A-106 + A-107 AND DETAIL A1/ A-108.
9. EIFS JOINT.
10. BRAKE METAL. TYP.
11. METAL PARAPET COPING.
12. ORNAMENTAL FENCE. SEE SITE PLAN FOR EXTENT.
13. NOT USED.
14. DOWNSPOUT AND HEAVY DUTY BOOT.
15. BURNISHED CMU YARD WALL. SEE SITE PLAN FOR EXTENT.
16. BUILDING CANOPY.
17. LIGHT FIXTURE. SEE ELECTRICAL.
18. HOSE BIB. SEE PLUMBING.
19. NOT USED.
20. HOLLOW METAL DOOR AND FRAME AS SCHEDULED.
21. HIGH IMPACT MESH. UP 10'-0" AFF, TYPICAL.
22. TRANSLUCENT GLAZING AS SCHEDULED.
23. PARAPET LADDER. SEE DETAIL D4/A-106.
24. BUILDING IDENTIFICATION SIGNAGE.
25. KNOX BOX.



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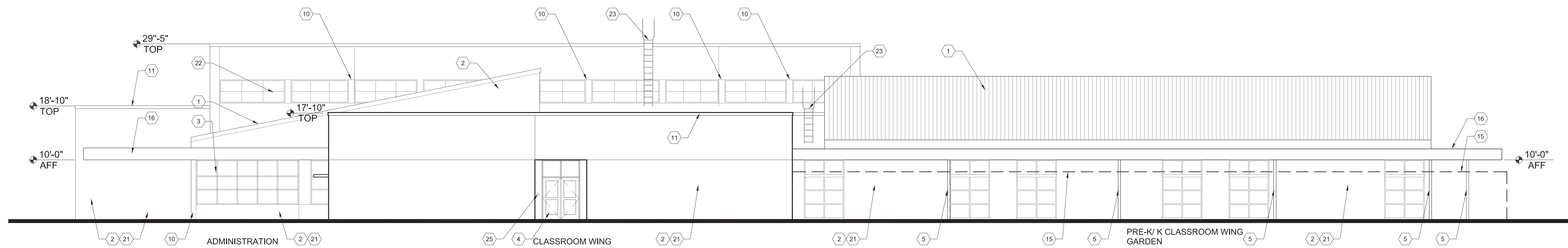


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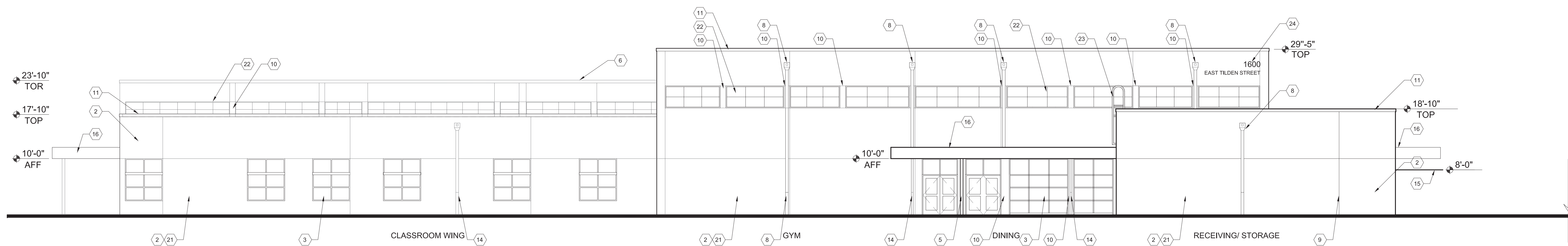
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B1 EAST BUILDING ELEVATION
SCALE: 1/8"= 1'-0"



A1 WEST BUILDING ELEVATION
SCALE: 1/8"= 1'-0"

CD	12.22.2023	FERRIT
MARK	DATE	DESCRIPTION

PA JOB NO. 202151
PSFA JOB NO. P19-010
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SHEET TITLE

BUILDING
ELEVATIONS
- EAST +
WEST

SHEET NO.

GENERAL NOTES

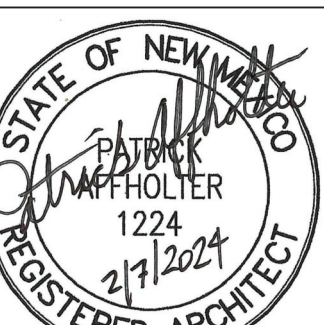
- A. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
- B. NOT ALL KEYED NOTES ARE USED ON THIS SHEET.
- C. WALL TILE SHALL BE FULL HEIGHT AND CONTINUOUS BEHIND ALL ACCESSORIES AND FIXTURES.

KEYED NOTES:

- 1. TOILET PARTITION.
- 2. URINAL SCREEN/ PARTITION
- 3. WATER CLOSET. SEE PLUMBING.
- 4. URINAL. SEE PLUMBING.
- 5. SINK. SEE PLUMBING.
- 6. STACK BOND WALL TILE.
- 7. 1-INCH THICK SOLID SURFACE SILL.
- 8. SHOWER HEAD AND CONTROLS. SEE PLUMBING.
- 9. DOOR AS SCHEDULED.
- 10. PAINTED DRYWALL SOFFIT.
- 11. OPEN BEYOND.
- 12. BASE AS SCHEDULED.



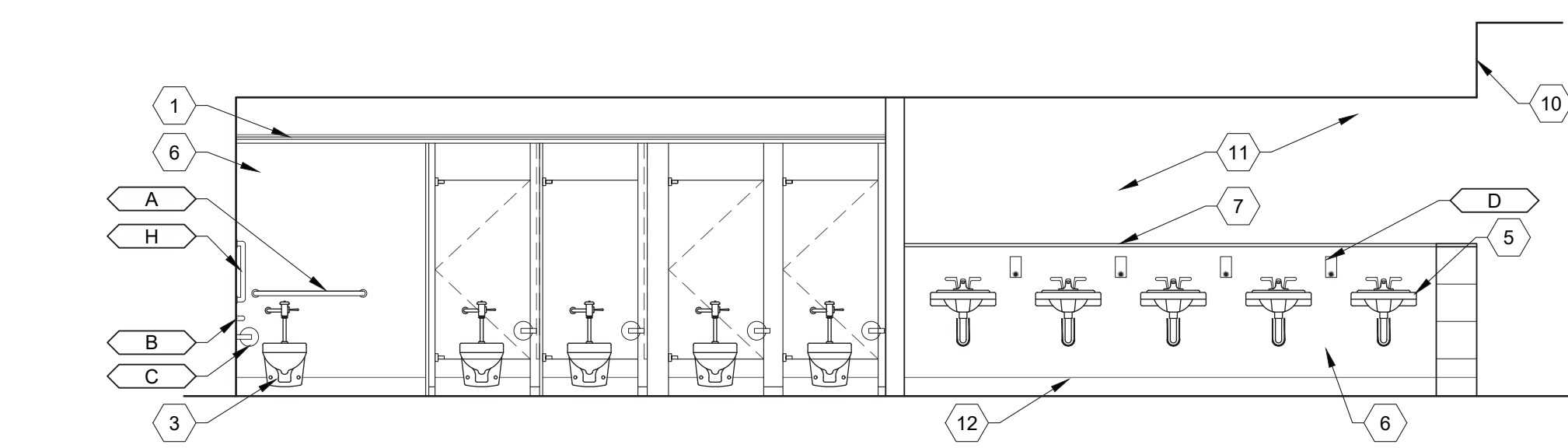
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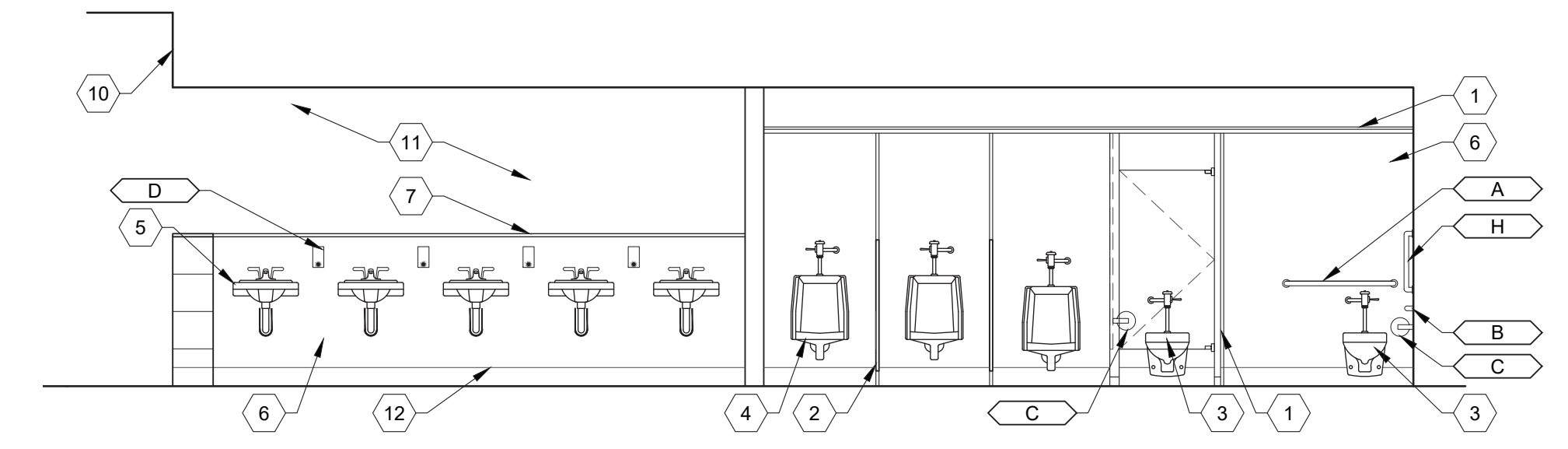
CONSULTANTS

ACCESSORIES LEGEND

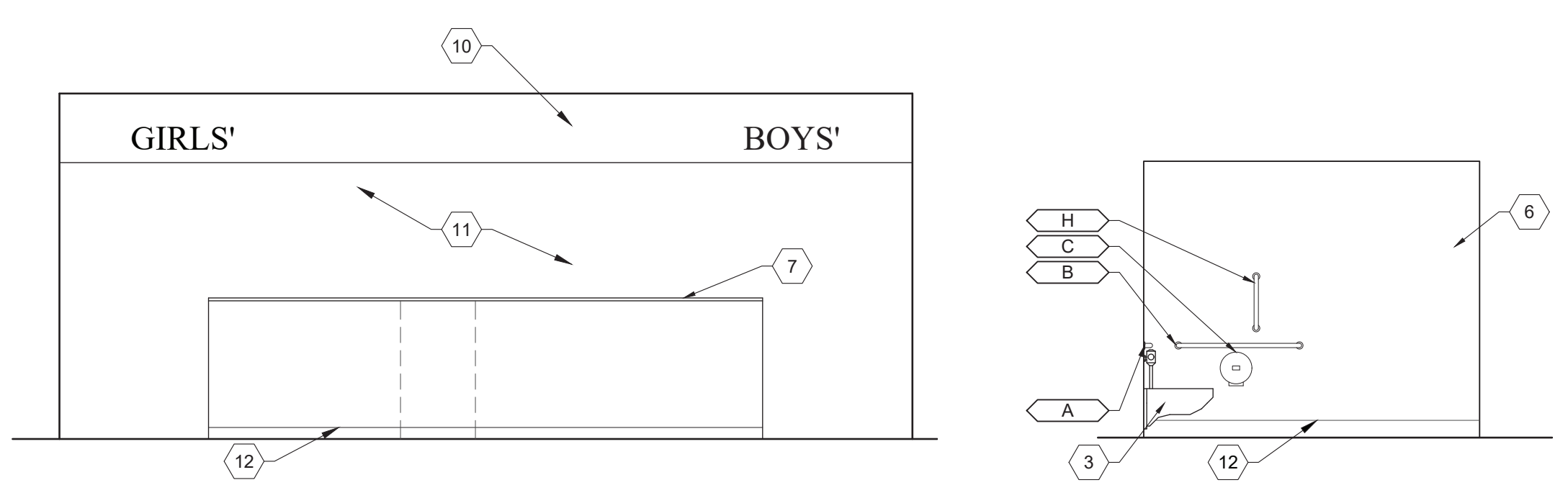
- A GRAB BAR - 1 1/2" DIA X 36"
- B GRAB BAR - 1 1/2" DIA X 42"
- C TOILET TISSUE DISPENSER (OWNER PROVIDED, GC INSTALLED)
- D SOAP DISPENSER (OWNER PROVIDED, GC INSTALLED)
- E MIRROR
- F PAPER TOWEL DISPENSER (OWNER PROVIDED, GC INSTALLED)
- G SANITARY PRODUCTS DISPOSAL (OWNER PROVIDED, OWNER INSTALLED)
- H GRAB BAR - 1 1/2" DIA X 18"
- I RETRACTABLE SHOWER SEAT
- J MOP RACK
- K FULL LENGTH MIRROR (2 FURNISHED EA IN ROOMS 202 + 204, 404 +406, LOCATION TBD BY OWNER)
- L WASTE RECEPTACLE (OWNER PROVIDED, OWNER INSTALLED)
- M TWO WALL SHOWER GRAB BAR
- N SHOWER ROD + CURTAIN



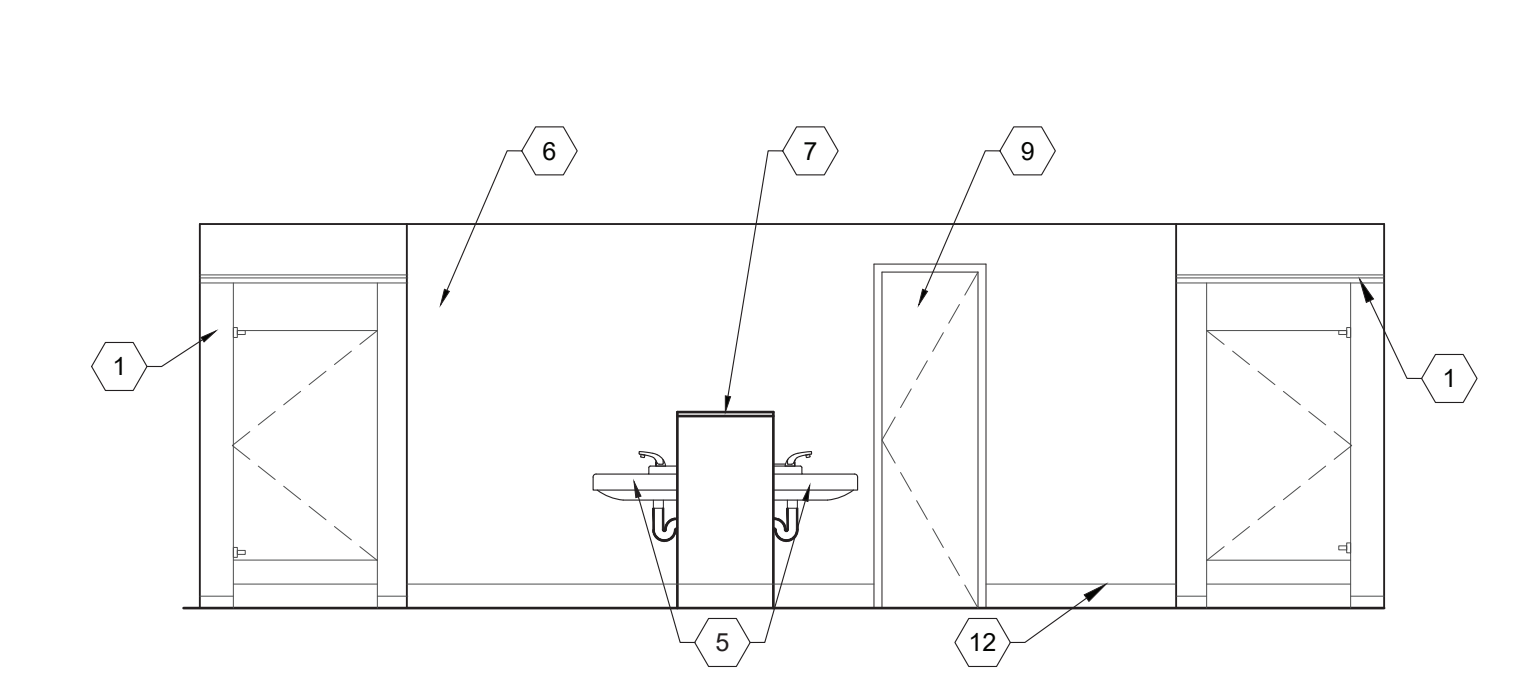
E4 GIRLS RESTROOM ELEVATION
SCALE: 1/4" = 1'-0" 204, 406



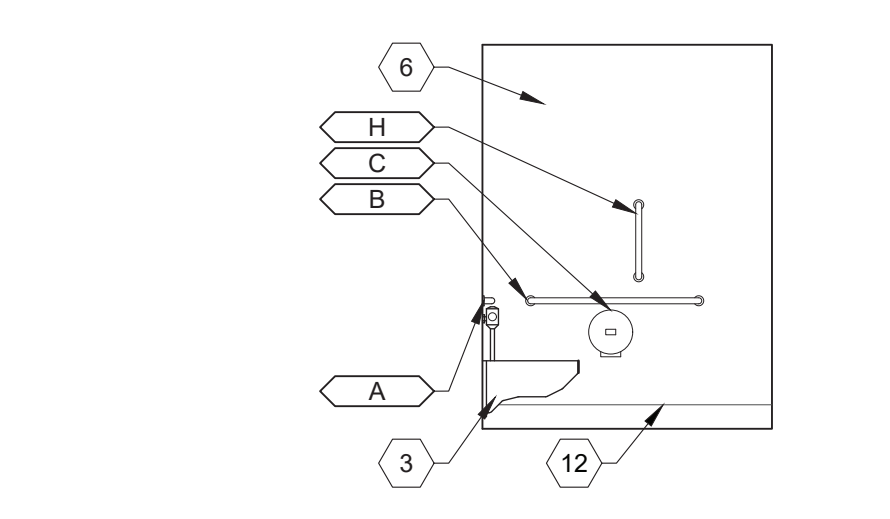
D4 BOYS RESTROOM ELEVATION
SCALE: 1/4" = 1'-0" 202, 404 SIM



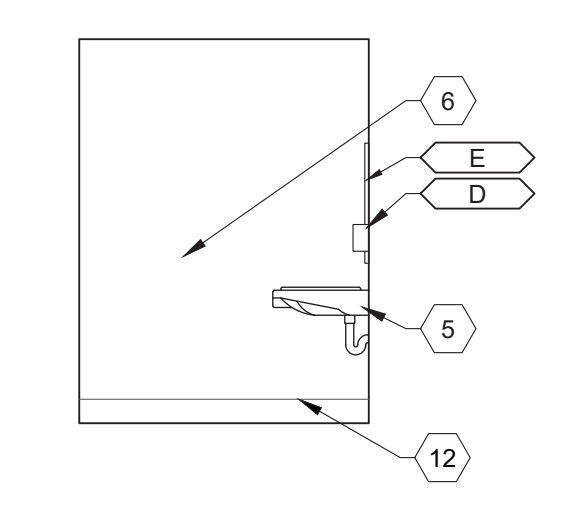
D2 GROUP RESTROOM ELEVATION
SCALE: 1/4" = 1'-0" 202, 204, 404, 406 SIM



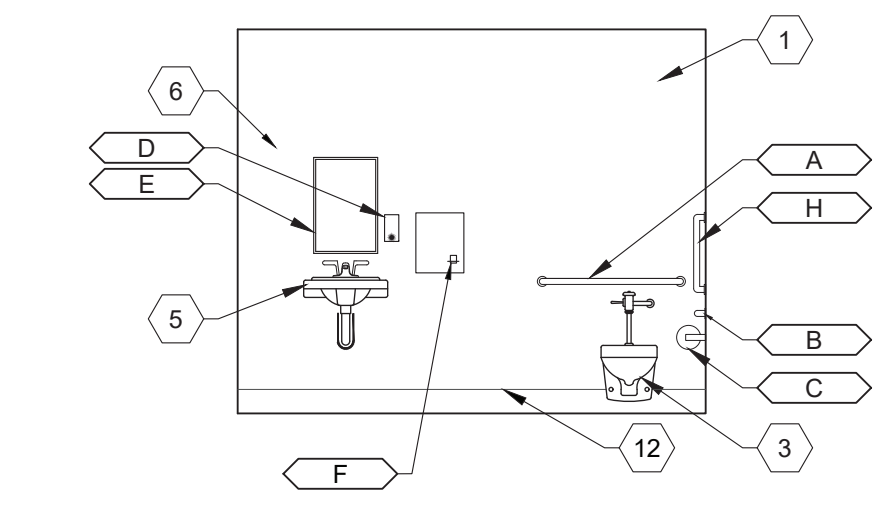
D1 GROUP RESTROOM ELEVATION
SCALE: 1/4" = 1'-0" 202, 204, 404, 406 SIM



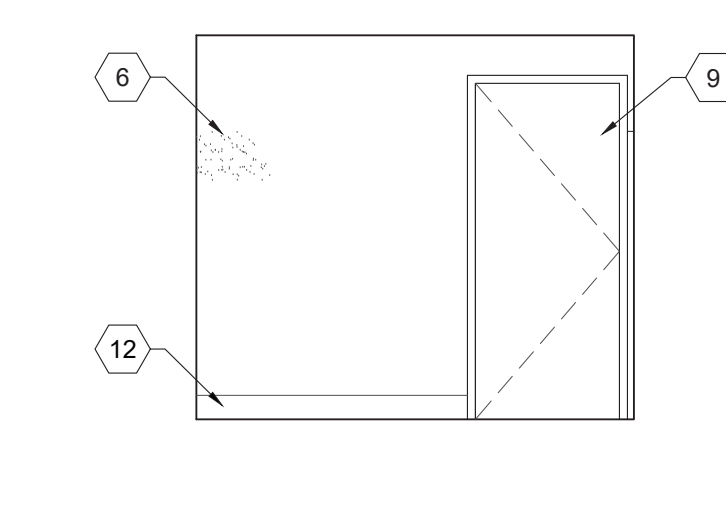
C1 RESTROOM ELEVATION
SCALE: 1/4" = 1'-0" 104, 123B, 405A, 507, 607 SIM OPP HAND



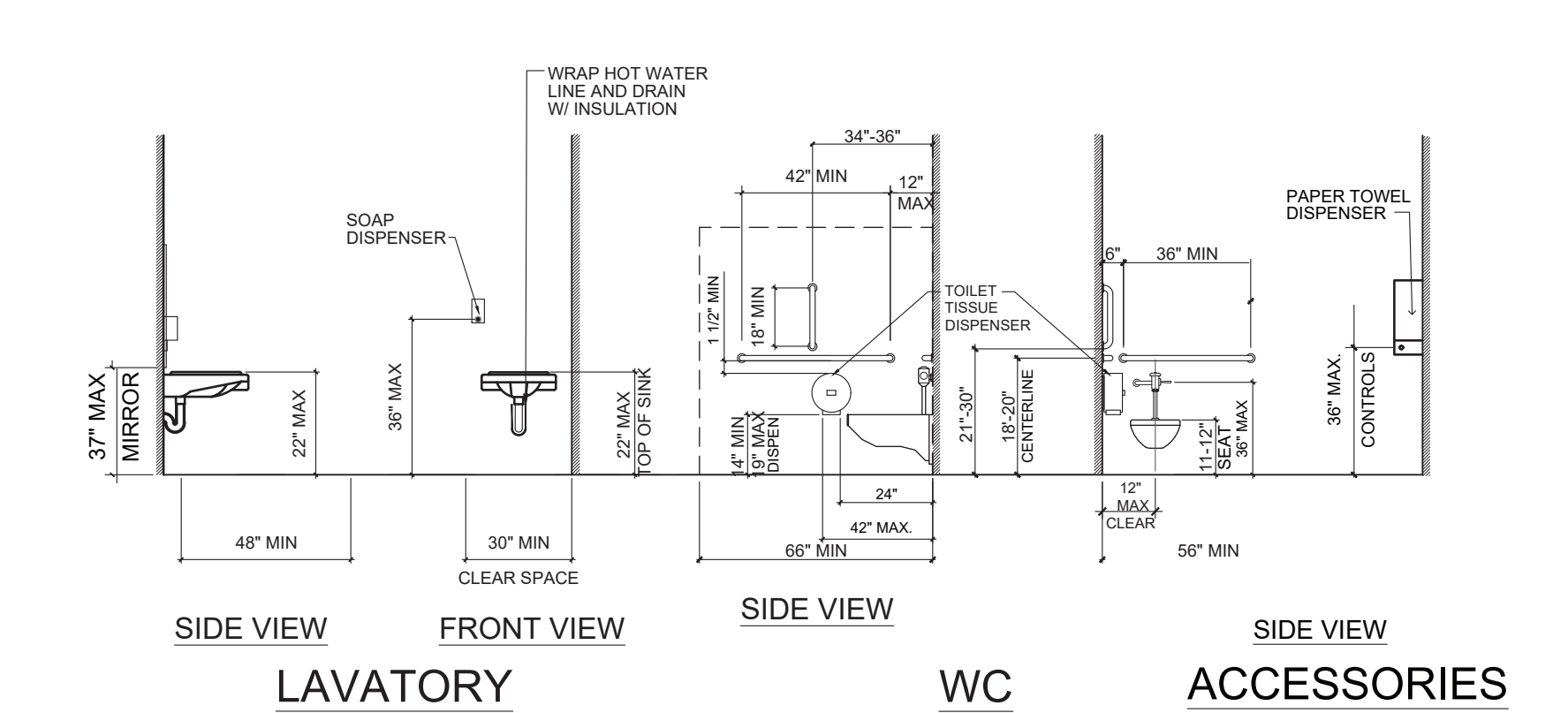
C2 RESTROOM ELEVATION
SCALE: 1/4" = 1'-0" 104, 123B, 405A, 507, 607 SIM OPP HAND



C3 RESTROOM ELEVATION
SCALE: 1/4" = 1'-0" 104, 123B, 405A, 507, 607 SIM OPP HAND

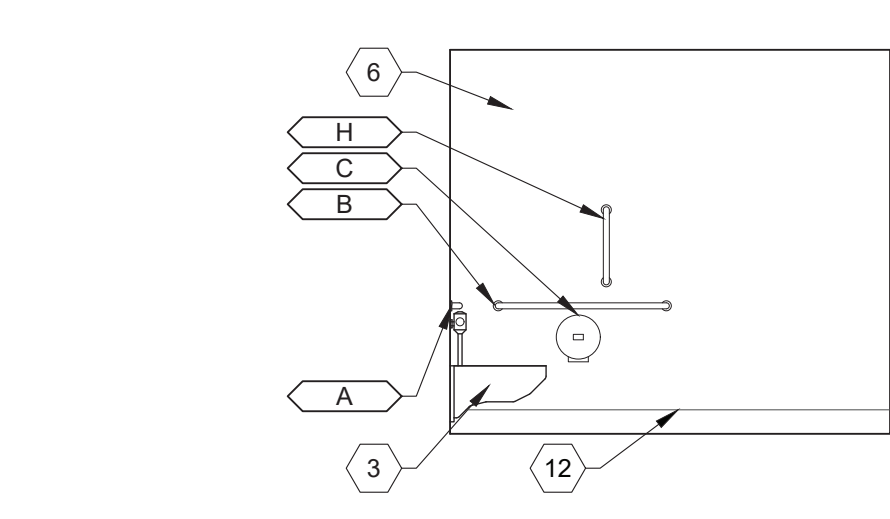


C4 RESTROOM ELEVATION
SCALE: 1/4" = 1'-0" 104, 123B, 405A, 507, 607 SIM OPP HAND

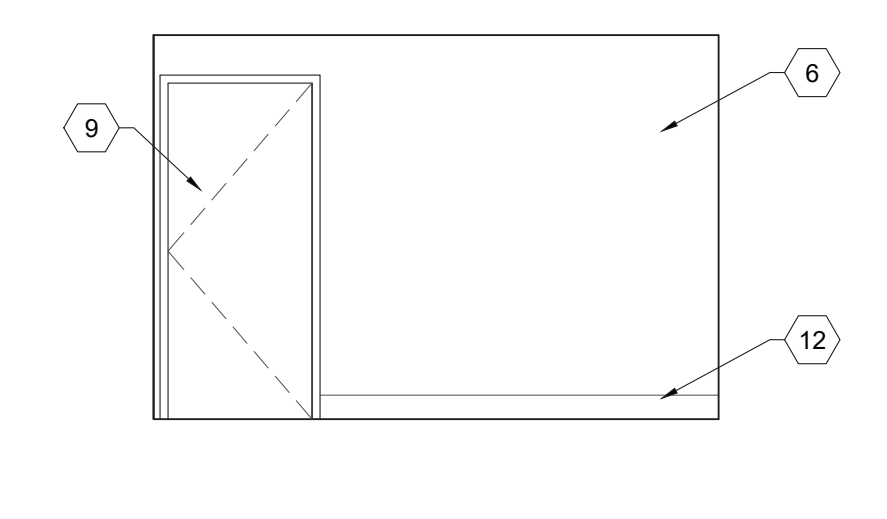


AGES 3+ 4 PRE-K CHILDREN'S ACCESSIBLE ELEMENTS

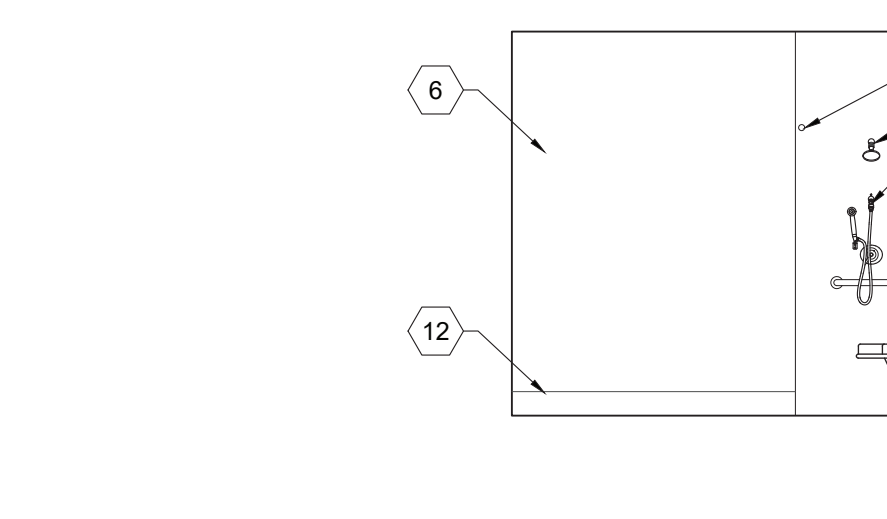
SCALE: 1/4"=1'-0"
NOTE: ACTUAL ACCESSORIES MAY VARY FROM DIAGRAM SHOWN ABOVE. SEE SPECIFICATION SECTION 10 2813.



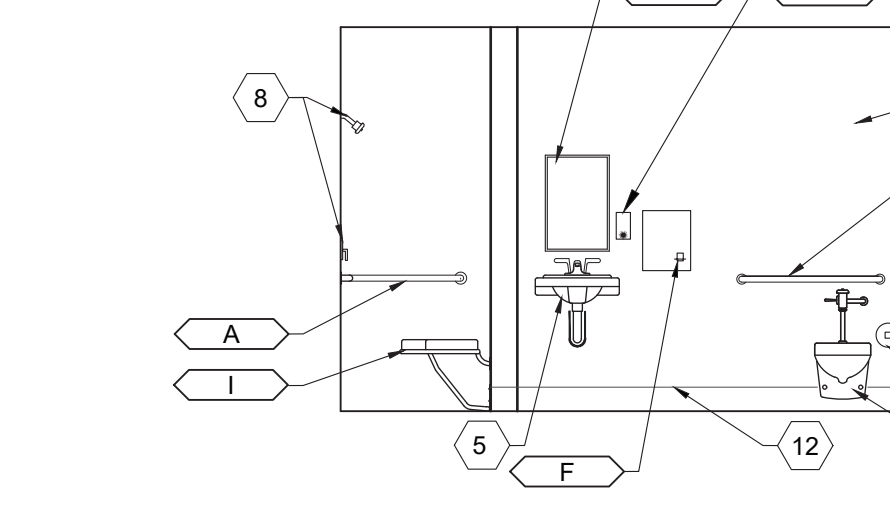
B1 RESTROOM/SHOWER ELEVATION
SCALE: 1/4" = 1'-0" 402B



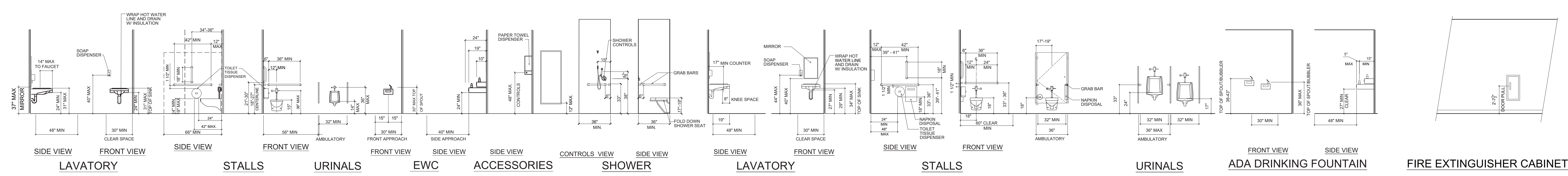
B2 RESTROOM/SHOWER ELEVATION
SCALE: 1/4" = 1'-0" 402B



B3 RESTROOM/SHOWER ELEVATION
SCALE: 1/4" = 1'-0" 402B



B4 RESTROOM/SHOWER ELEVATION
SCALE: 1/4" = 1'-0" 402B



AGES 5-12 CHILDREN'S ACCESSIBLE ELEMENTS

SCALE: 1/4"=1'-0"
NOTE: ACTUAL ACCESSORIES MAY VARY FROM DIAGRAM SHOWN ABOVE. SEE SPECIFICATION SECTION 10 2813.

TYPICAL ADULT ACCESSIBLE ELEMENTS

SCALE: 1/4"=1'-0"
NOTE: 1. ACTUAL ACCESSORIES MAY VARY FROM DIAGRAM SHOWN ABOVE. SEE SPECIFICATION SECTION 10 2813.

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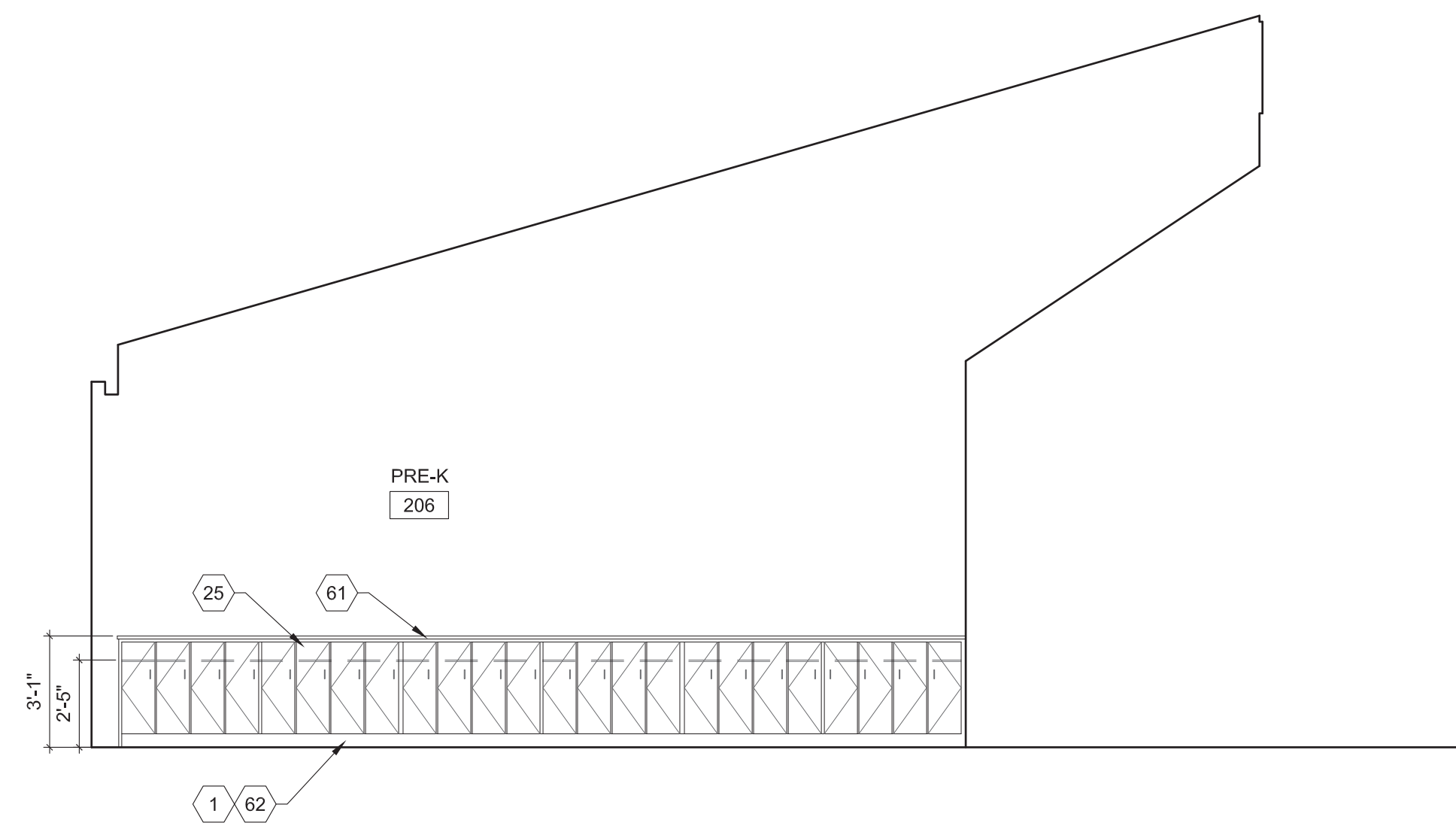
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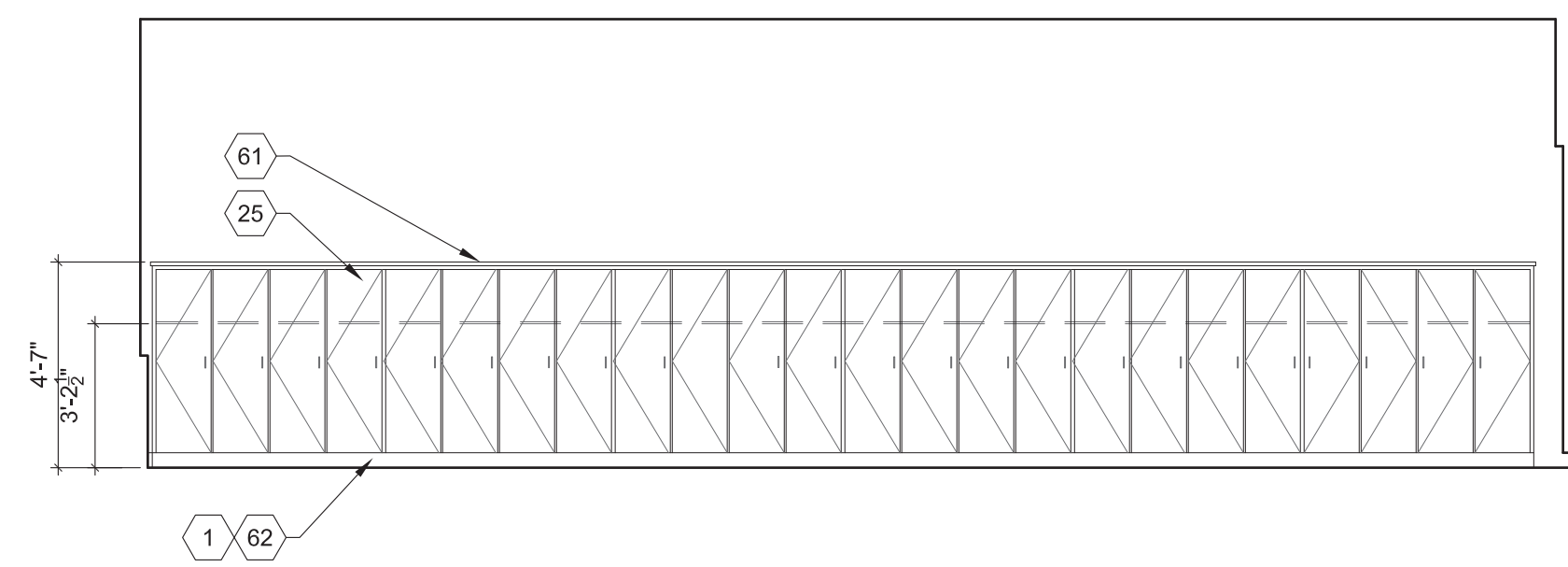
SHEET TITLE

INTERIOR
ELEVATIONS

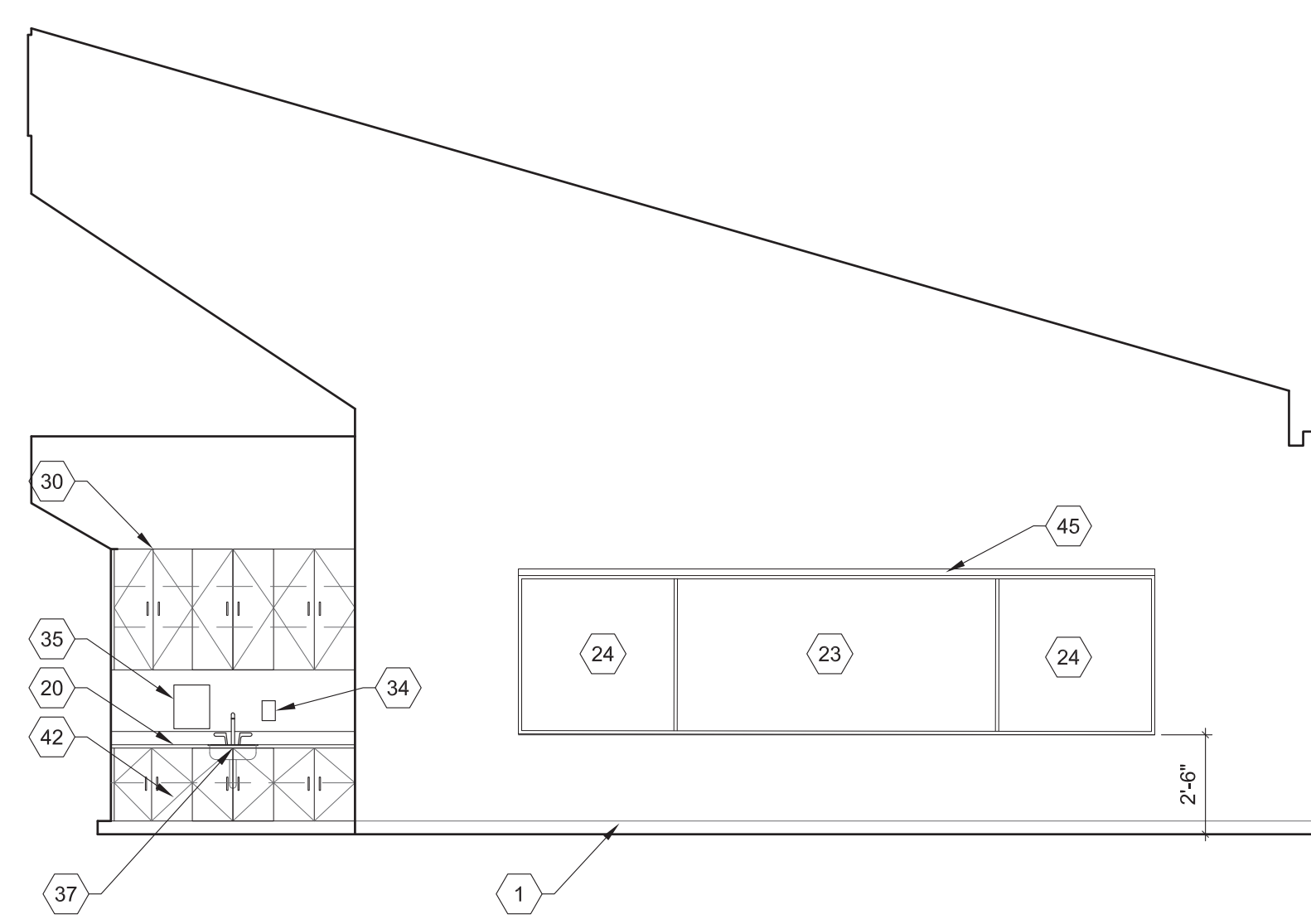
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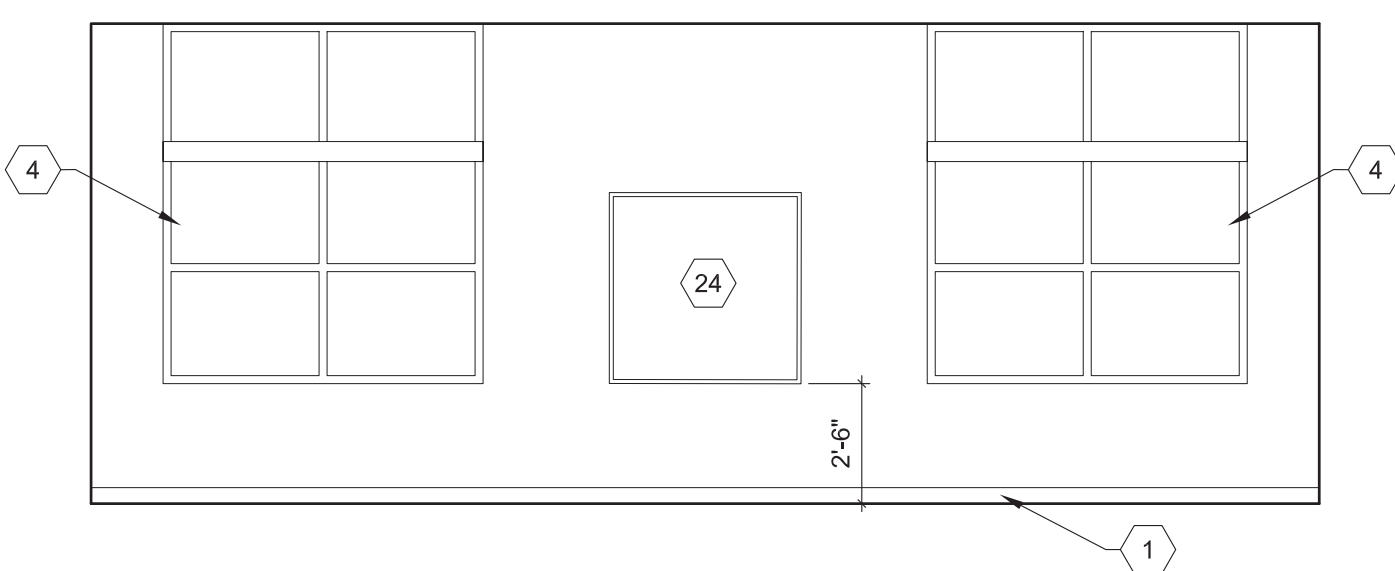
E1 TYPICAL PRE-K/ K CUBBIES
SCALE: 1/4" = 1'-0"
SIM OPP HAND



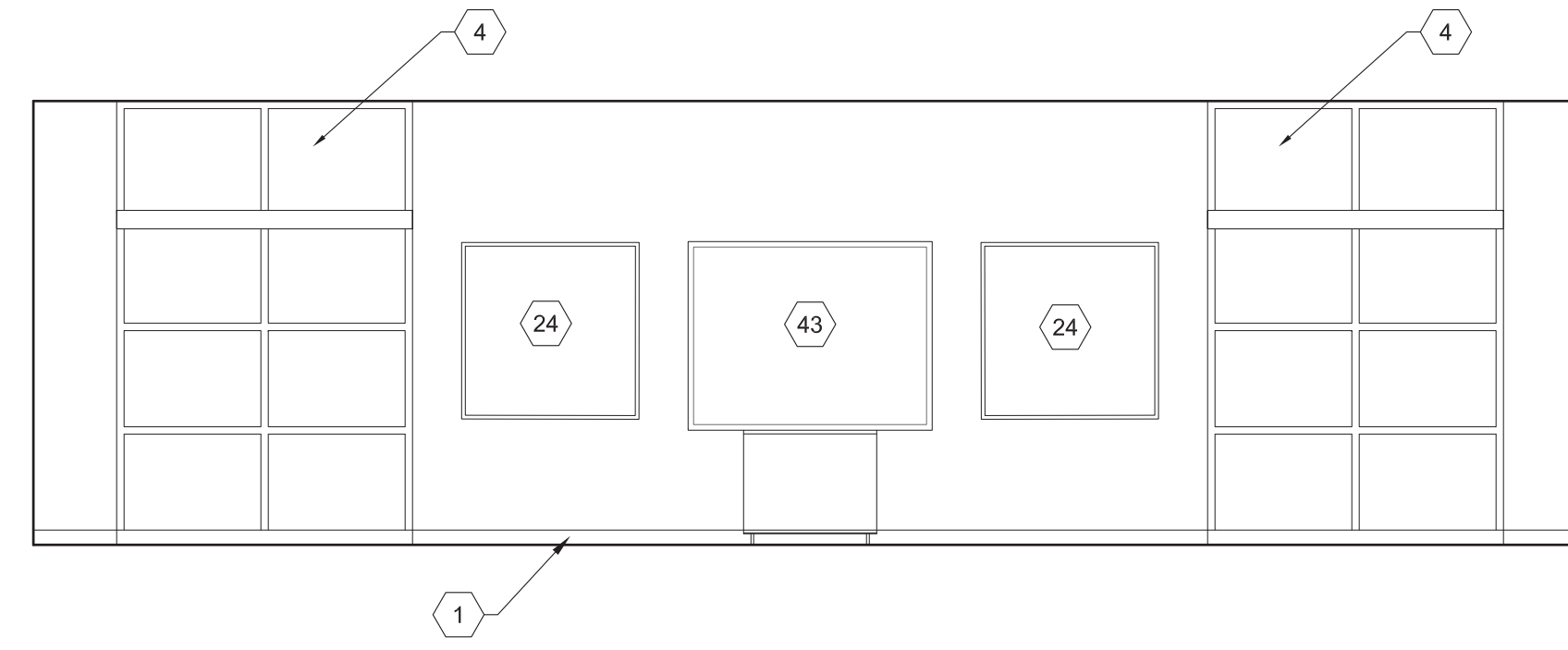
D1 TYPICAL CLASSROOM CUBBIES
SCALE: 1/4" = 1'-0"
SIM OPP HAND



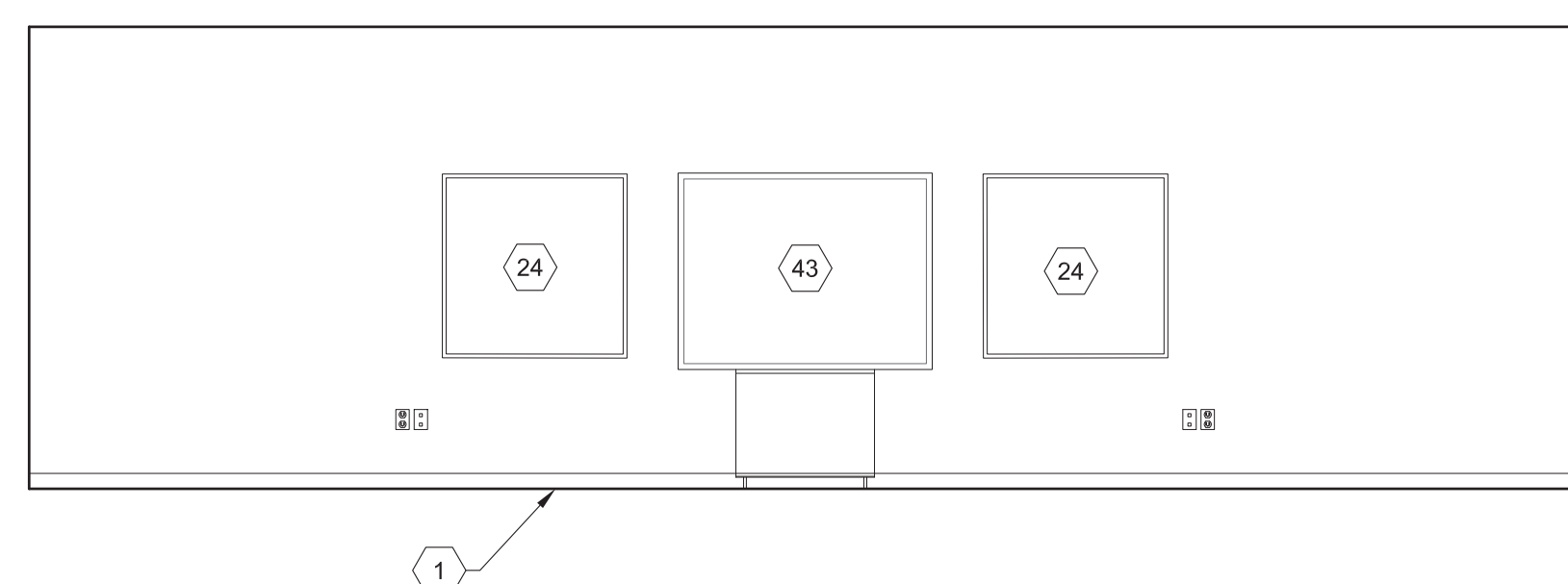
C1 PRE-K/ K
SCALE: 1/4" = 1'-0"



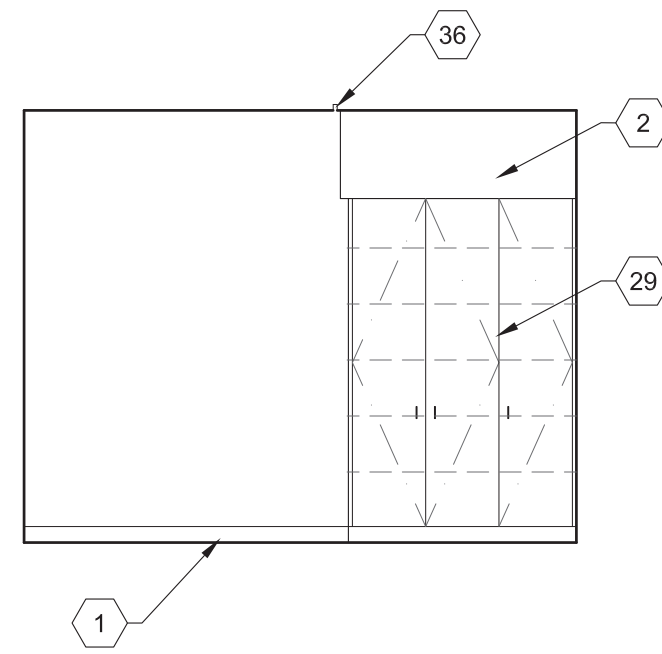
B1 TYPICAL CLASSROOM
SCALE: 1/4" = 1'-0"



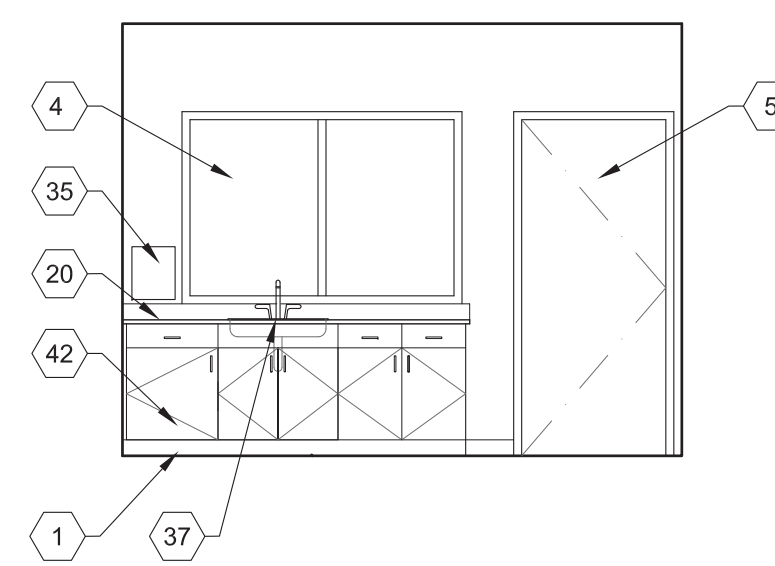
E2 TYPICAL PRE-K/ K SMARTBOARD WALL
SCALE: 1/4" = 1'-0"
SIM OPP HAND



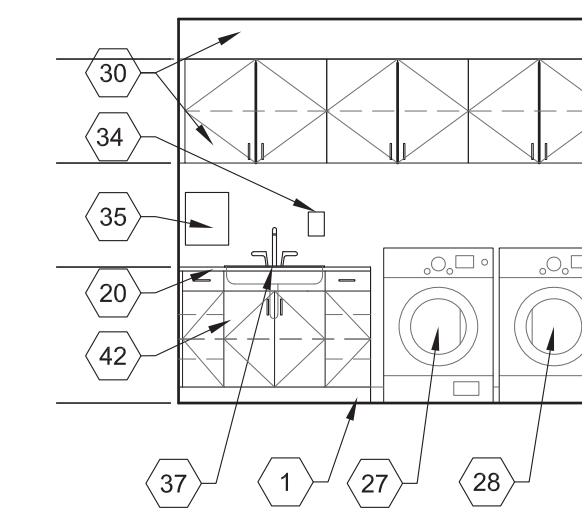
D2 TYPICAL SMARTBOARD WALL
SCALE: 1/4" = 1'-0"
SIM OPP HAND



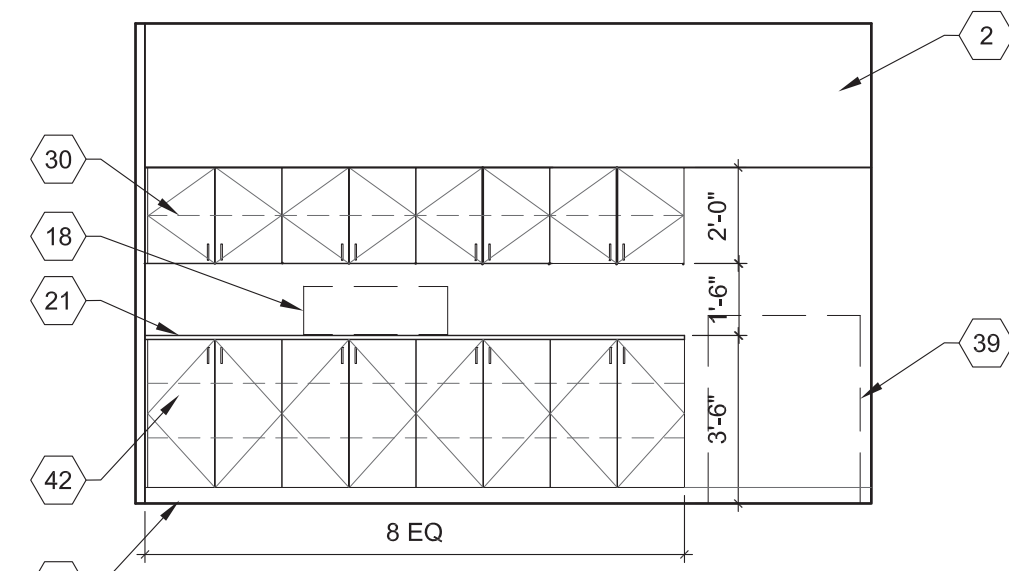
C3 COT ROOM
SCALE: 1/4" = 1'-0"



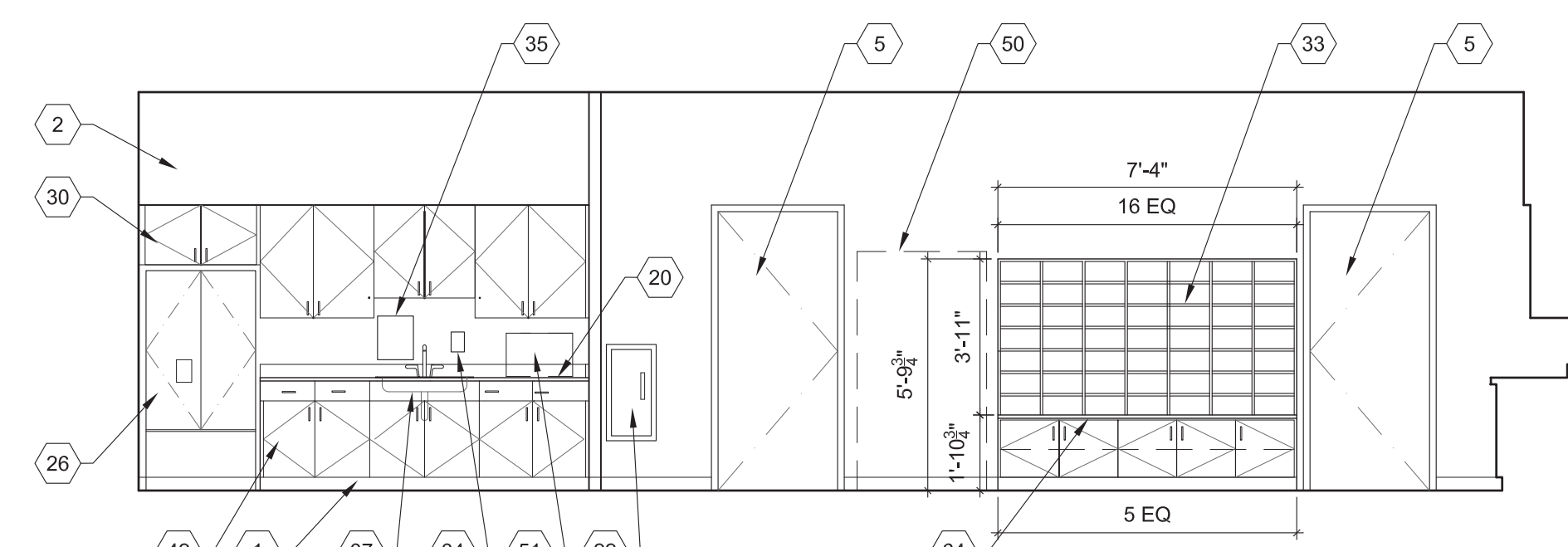
C4 COT ROOM
SCALE: 1/4" = 1'-0"



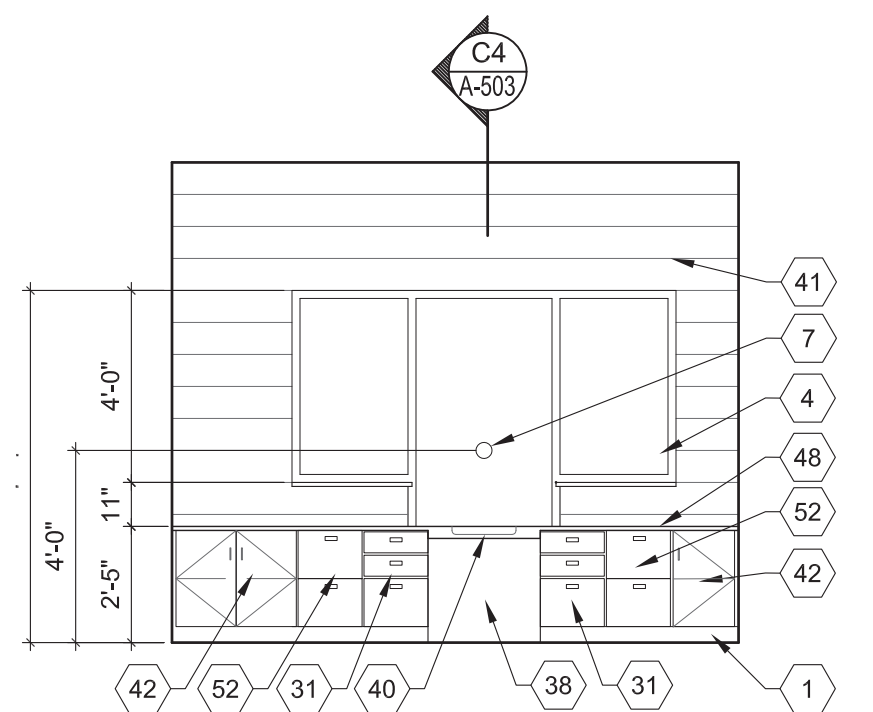
C5 LAUNDRY ROOM
SCALE: 1/4" = 1'-0"



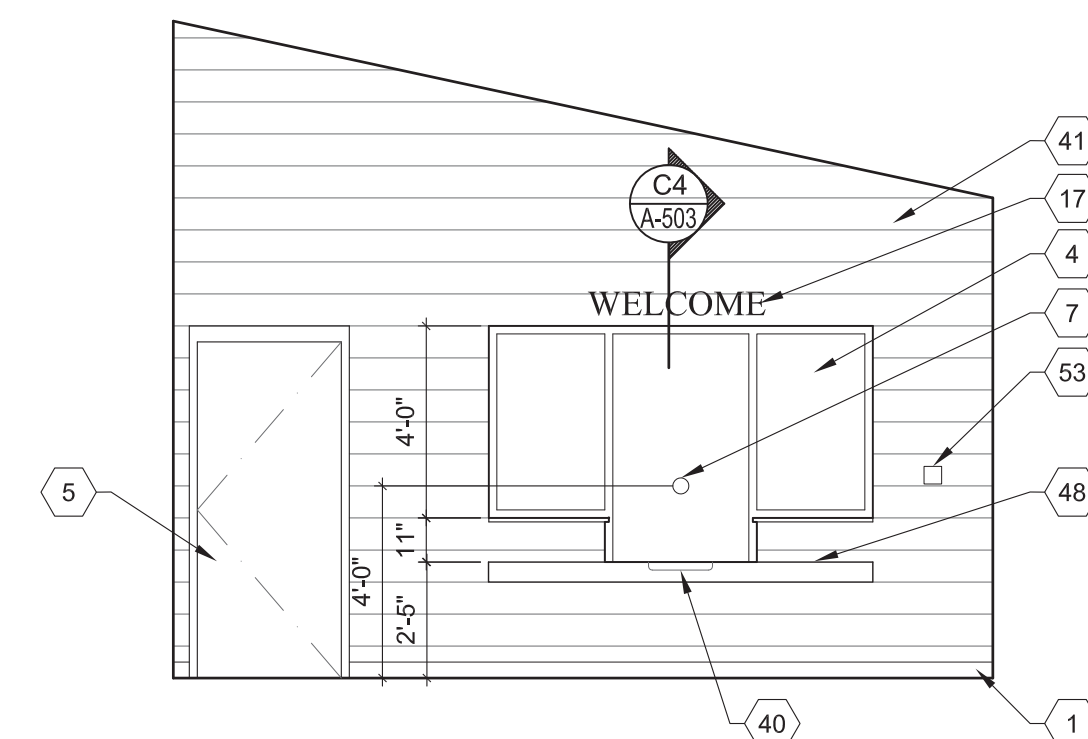
B3 STAFF LOUNGE/ WORK RM
SCALE: 1/4" = 1'-0"



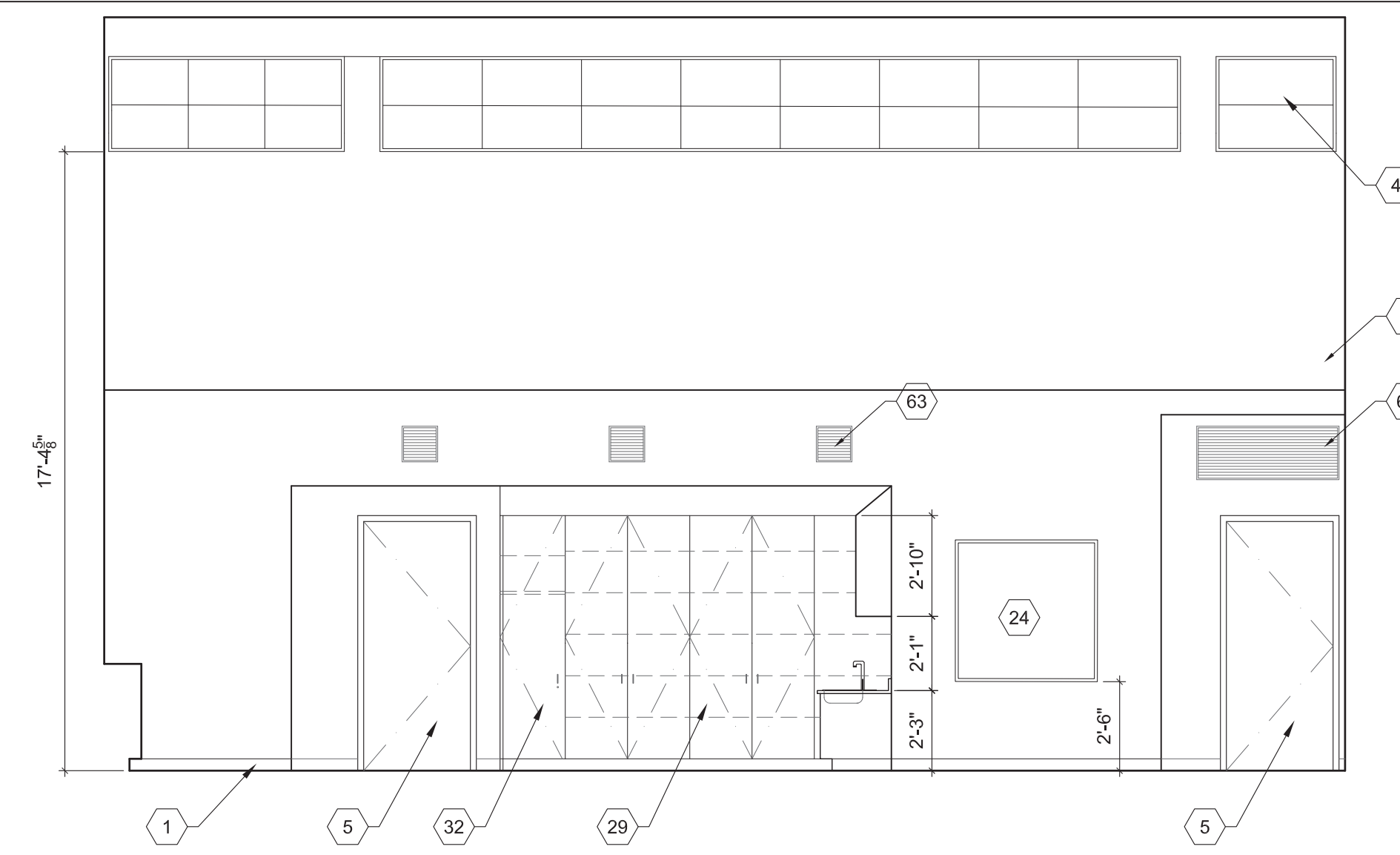
B4 STAFF LOUNGE/ WORK RM
SCALE: 1/4" = 1'-0"



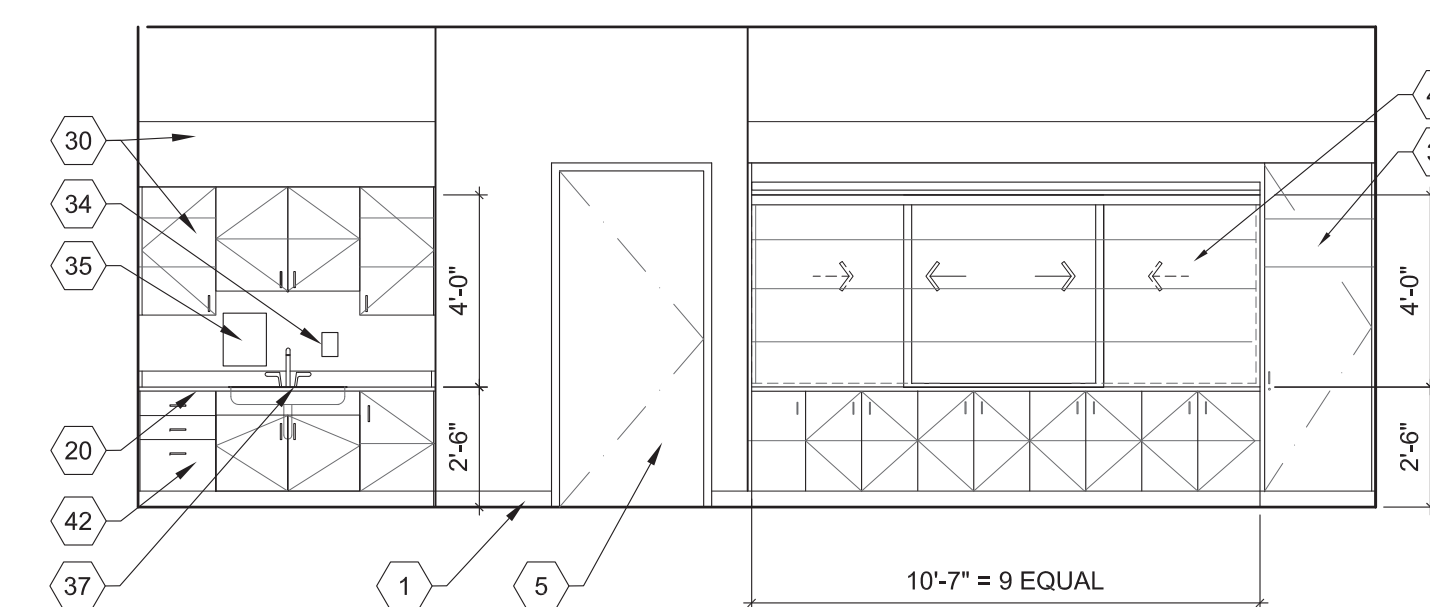
A3 SECRETARY'S DESK
SCALE: 1/4" = 1'-0"
SECRETARY 302



A4 RECEPTION COUNTER
SCALE: 1/4" = 1'-0"
WAITING ROOM 300



E4 TYPICAL PRE-K/ K STORAGE WALL
SCALE: 1/4" = 1'-0"
SIM OPP HAND



D4 TYPICAL CLASSROOM STORAGE WALL
SCALE: 1/4" = 1'-0"
SINK + ACCESSORIES IN STEM ROOM 107 ONLY

GENERAL NOTES

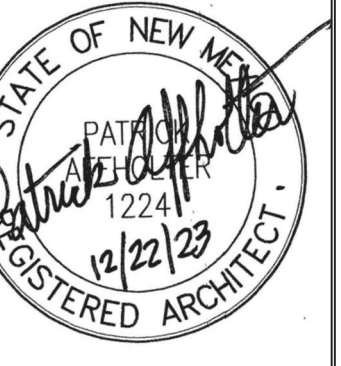
- A. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
- B. NOT ALL KEYED NOTES ARE USED ON THIS SHEET.
- C. SEE SHEET A-503 FOR CASEWORK DETAILS.

KEYED NOTES:

1. BASE AS SCHEDULED.
2. GYPSUM BOARD SOFFIT, PAINT.
3. LINE OF CEILING.
4. WINDOW FRAME AND GLAZING AS SCHEDULED.
5. DOOR AS SCHEDULED.
6. OVERHEAD COILING DOOR AS SCHEDULED. PAINT FASCIA/ METAL HOUSING COLOR #2.
7. TRANSLUCENT BACK PLATE BALLISTIC SPEAK THRU.
8. BASKETBALL BACKBOARD.
9. STEEL JOIST. SEE STRUCTURAL.
10. FIRE EXTINGUISHER AND BRACKET.
11. OPEN BEYOND.
12. WALL PROTECTION PADS.
13. ROLL-UP ROOM DIVIDER. SEE ELECTRICAL.
14. ELECTRIC WATER COOLER. SEE PLUMBING AND ELECTRICAL.
15. WALL TILE. TYPICAL.
16. DISPLAY CASE.
17. 8" HIGH DIMENSIONAL LETTERS SURFACE MOUNTED, TO READ: "WELCOME".
18. LAMINATOR (NIC). SEE ELECTRICAL.
19. LIGHT FIXTURE. SEE ELECTRICAL.
20. SOLID SURFACING COUNTERTOP WITH 4" HIGH BACKSPLASH.
21. PLASTIC LAMINATE COUNTERTOP.
22. FIRE EXTINGUISHER AND CABINET.
23. WHITE BOARD.
24. TACK BOARD.
25. METAL LOCKERS.
26. REFRIGERATOR. SEE PLUMBING AND ELECTRICAL.
27. CLOTHES WASHER. SEE ELECTRICAL AND PLUMBING.
28. CLOTHES DRYER. SEE ELECTRICAL.
29. PLASTIC LAMINATE CASEWORK WITH ADJUSTABLE SHELVES. SEE DETAIL A5/ A-503.
30. PLASTIC LAMINATE UPPER CABINET WITH ADJUSTABLE SHELVES. SEE DETAIL A3/ A-503, SIMILAR.
31. PLASTIC LAMINATE DRAWER BASE: BOX, BOX, FILE.
32. PLASTIC LAMINATE LOCKABLE WARDROBE WITH COAT ROD AND SHELF. SEE DETAIL A5/ A-503, SIMILAR.
33. PLASTIC LAMINATE MAIL BOXES.
34. SOAP DISPENSER FURNISHED BY OWNER, INSTALLED BY GC.
35. PAPER TOWEL DISPENSER FURNISHED BY OWNER, INSTALLED BY GC.
36. PRIVACY CURTAIN.
37. SINK. SEE PLUMBING.
38. OPEN BELOW.
39. COPY MACHINE (NIC).
40. BALLISTIC 14" x 13" x 2 1/2" COUNTER RECESSED DEAL TRAY.
41. INTEGRALLY COLORED BURNISHED CMU.
42. PLASTIC LAMINATE BASE CABINET. SEE SHEET A-503.
43. INTERACTIVE WHITEBOARD (NIC. FURNISHED AND INSTALLED BY THE OWNER). SEE ELECTRICAL.
44. SLIDING WHITE BOARDS WITH SHELVING BEHIND. SEE DETAIL A4/ A-503.
45. MAP RAIL.
46. ELECTRICAL OUTLET AND DATA PORT. SEE ELECTRICAL.
47. NOT USED.
48. PLASTIC LAMINATE RECEPTION DESK WITH SOLID SURFACING COUNTERTOP. SEE DETAIL C4/ A-503.
49. ACOUSTIC WALL PANELS, 4'X8' PANELS, PAINTED.
50. VENDING MACHINE (NIC).
51. MICROWAVE OVEN (NIC).
52. PLASTIC LAMINATE FILING DRAWERS.
53. REMOTE ANNUNCIATOR FIRE ALARM PANEL. SEE ELECTRICAL.
54. LINE OF HIGH IMPACT RESISTANT GYPSUM BOARD (8'-0" AFF).
55. AUTOMATED EXTERIOR DEFIBRILLATOR [AED] (NIC).
56. PAINT COLOR #1.
57. PAINT COLOR #2.
58. PAINT COLOR #3.
59. PAINT COLOR #4.
60. PAINT COLOR #5.
61. SOLID SURFACE TOP, 1-INCH THICK CONTINUOUS THE LENGTH OF LOCKERS X 12 3/4" DEEP. EASE EXPOSED EDGES.
62. 4-INCH HIGH FRT WOOD FRAME BASE.
63. HVAC DUCT/ GRILLE. SEE MECHANICAL.
64. PLASTIC LAMINATE COUNTERTOP.



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INDEPENDENT
SCHOOL
DISTRICT

MARK	DATE	DESCRIPTION

GENERAL NOTES

- A. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
- B. NOT ALL KEYED NOTES ARE USED ON THIS SHEET.



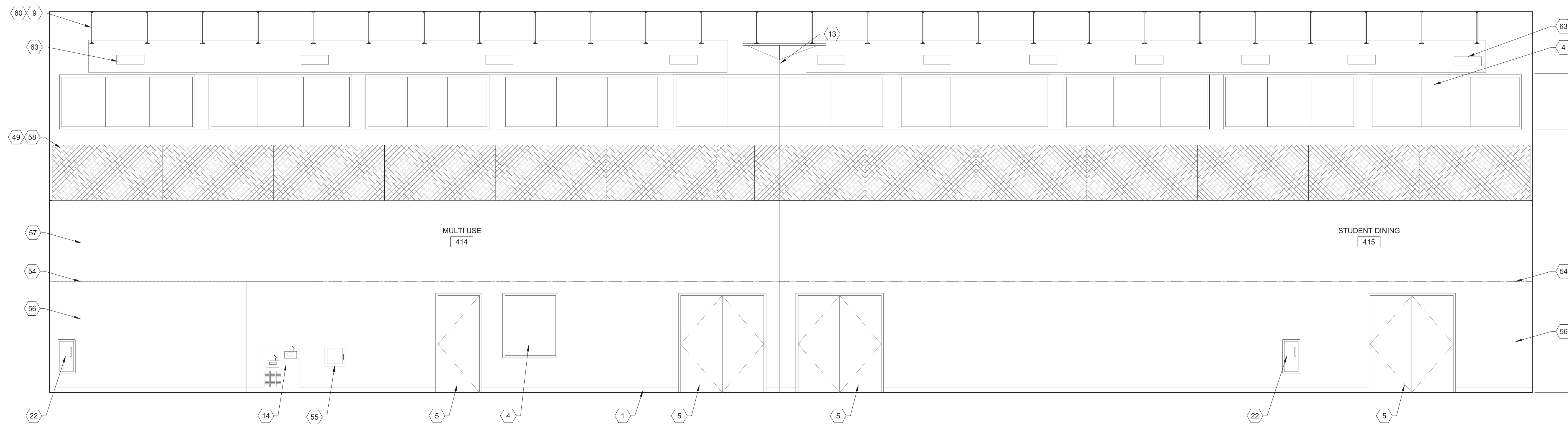
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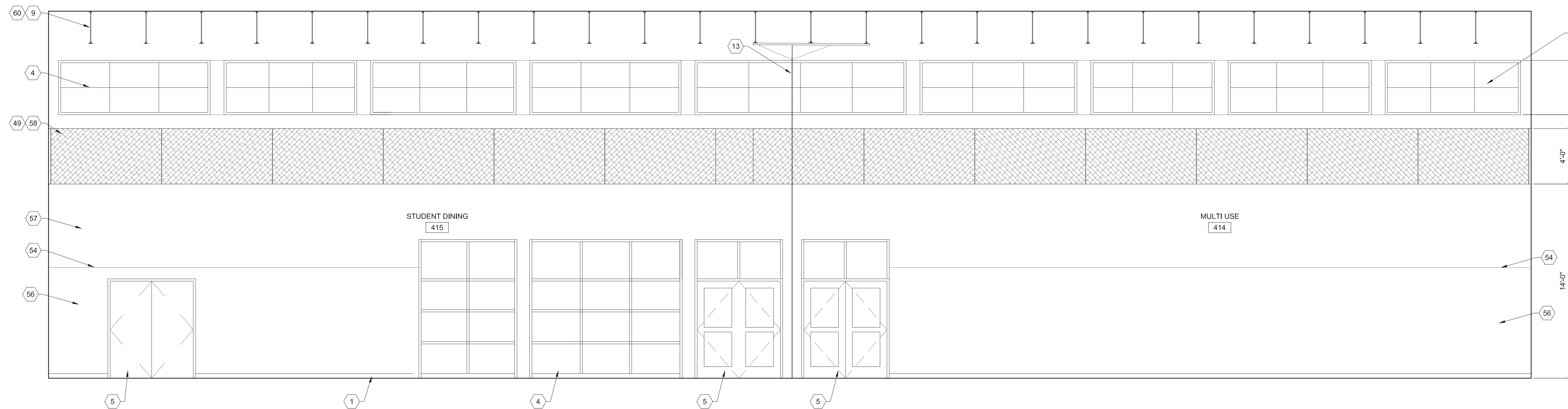
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KEYED NOTES:

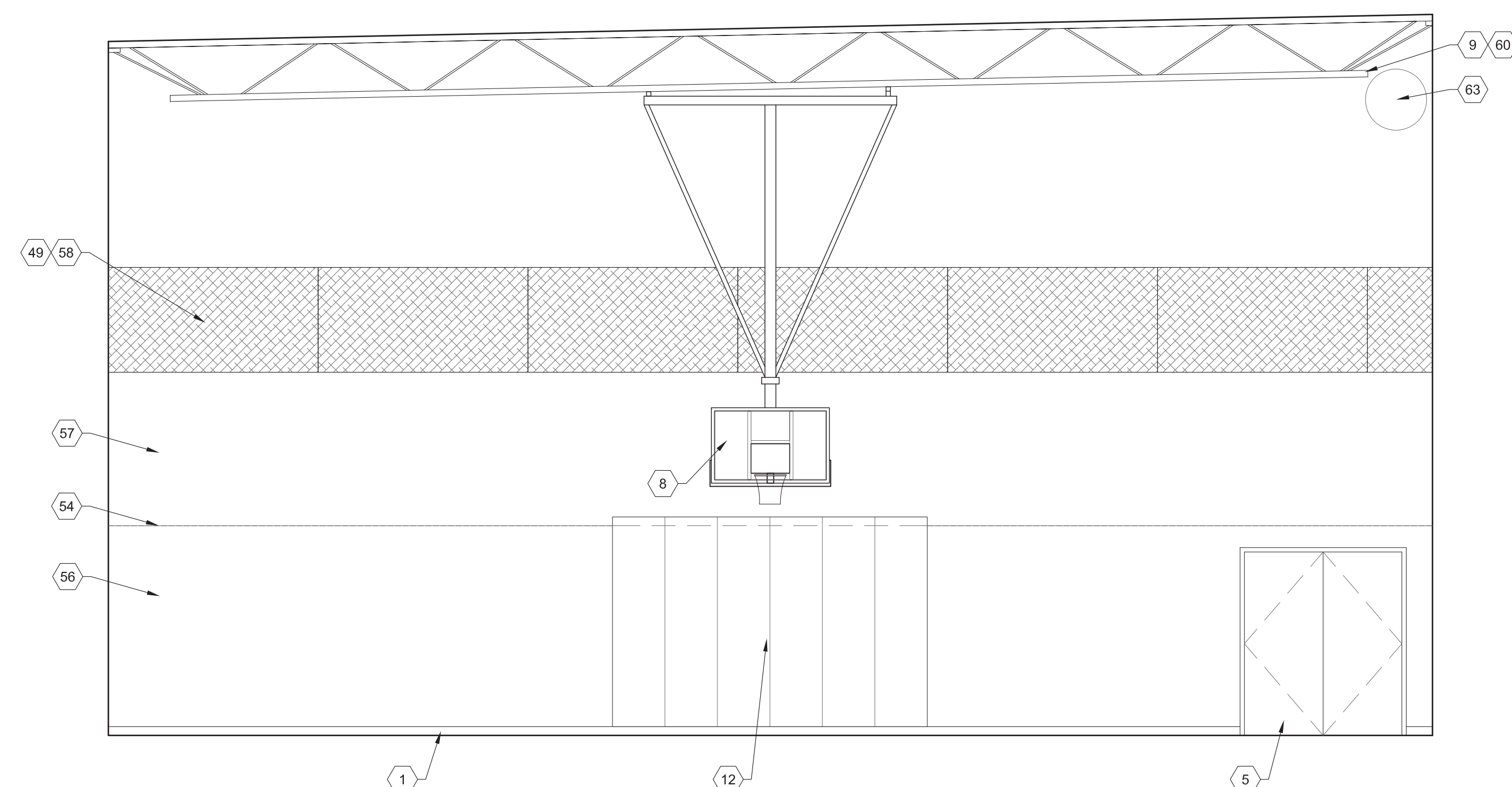
1. BASE AS SCHEDULED.
2. GYPSUM BOARD SOFFIT, PAINT.
3. LINE OF CEILING.
4. WINDOW FRAME AND GLAZING AS SCHEDULED.
5. DOOR AS SCHEDULED.
6. OVERHEAD COILING DOOR AS SCHEDULED. PAINT FASCIA/ METAL HOUSING COLOR #2.
7. TRANSLUCENT BACK PLATE BALLISTIC SPEAK THRU.
8. BASKETBALL BACKBOARD.
9. STEEL JOIST. SEE STRUCTURAL.
10. FIRE EXTINGUISHER AND BRACKET.
11. OPEN BEYOND.
12. WALL PROTECTION PADS.
13. ROLL-UP ROOM DIVIDER. SEE ELECTRICAL.
14. ELECTRIC WATER COOLER. SEE PLUMBING AND ELECTRICAL.
15. WALL TILE. TYPICAL.
16. DISPLAY CASE.
17. 8" HIGH DIMENSIONAL LETTERS SURFACE MOUNTED, TO READ: "WELCOME".
18. LAMINATOR (NIC). SEE ELECTRICAL.
19. LIGHT FIXTURE. SEE ELECTRICAL.
20. SOLID SURFACING COUNTERTOP WITH 4" HIGH BACKSPASH.
21. PLASTIC LAMINATE COUNTERTOP.
22. FIRE EXTINGUISHER AND CABINET.
23. WHITE BOARD.
24. TACK BOARD.
25. METAL LOCKERS.
26. REFRIGERATOR. SEE PLUMBING AND ELECTRICAL.
27. CLOTHES WASHER. SEE ELECTRICAL AND PLUMBING.
28. CLOTHES DRYER. SEE ELECTRICAL.
29. PLASTIC LAMINATE CASEWORK WITH ADJUSTABLE SHELVES. SEE DETAIL A5/ A-503.
30. PLASTIC LAMINATE UPPER CABINET WITH ADJUSTABLE SHELVES. SEE DETAIL A3/ A-503, SIMILAR.
31. PLASTIC LAMINATE DRAWER BASE: BOX, BOX, FILE.
32. PLASTIC LAMINATE LOCKABLE WARDROBE WITH COAT ROD AND SHELF. SEE DETAIL A5/ A-503, SIMILAR.
33. PLASTIC LAMINATE MAIL BOXES.
34. SOAP DISPENSER FURNISHED BY OWNER, INSTALLED BY GC.
35. PAPER TOWEL DISPENSER FURNISHED BY OWNER, INSTALLED BY GC.
36. PRIVACY CURTAIN.
37. SINK. SEE PLUMBING.
38. OPEN BELOW.
39. COPY MACHINE (NIC).
40. BALLISTIC 14" x 13" x 2 1/2" COUNTER RECESSED DEAL TRAY.
41. INTEGRALLY COLORED BURNISHED CMU.
42. PLASTIC LAMINATE BASE CABINET. SEE SHEET A-503.
43. INTERACTIVE WHITEBOARD (NIC. FURNISHED AND INSTALLED BY THE OWNER). SEE ELECTRICAL.
44. SLIDING WHITE BOARDS WITH SHELVING BEHIND. SEE DETAIL A4/ A-503.
45. MAP RAIL.
46. ELECTRICAL OUTLET AND DATA PORT. SEE ELECTRICAL.
47. NOT USED.
48. PLASTIC LAMINATE RECEPTION DESK WITH SOLID SURFACING COUNTERTOP. SEE DETAIL C4/ A-503.
49. ACOUSTIC WALL PANELS. 4'X8' PANELS, PAINTED.
50. VENDING MACHINE (NIC).
51. MICROWAVE OVEN (NIC).
52. PLASTIC LAMINATE FILING DRAWERS.
53. REMOTE ANNUNCIATOR FIRE ALARM PANEL. SEE ELECTRICAL.
54. LINE OF HIGH IMPACT RESISTANT GYPSUM BOARD (8'-0" AFF).
55. AUTOMATED EXTERIOR DEFIBRILLATOR [AED] (NIC).
56. PAINT COLOR #1.
57. PAINT COLOR #2.
58. PAINT COLOR #3.
59. PAINT COLOR #4.
60. PAINT COLOR #5.
61. SOLID SURFACE TOP. 1-INCH THICK CONTINUOUS THE LENGTH OF LOCKERS X 12 1/2" DEEP. EASE EXPOSED EDGES.
62. 4-INCH HIGH FRT WOOD FRAME BASE.
63. HVAC DUCT/ GRILLE. SEE MECHANICAL.
64. PLASTIC LAMINATE COUNTERTOP.



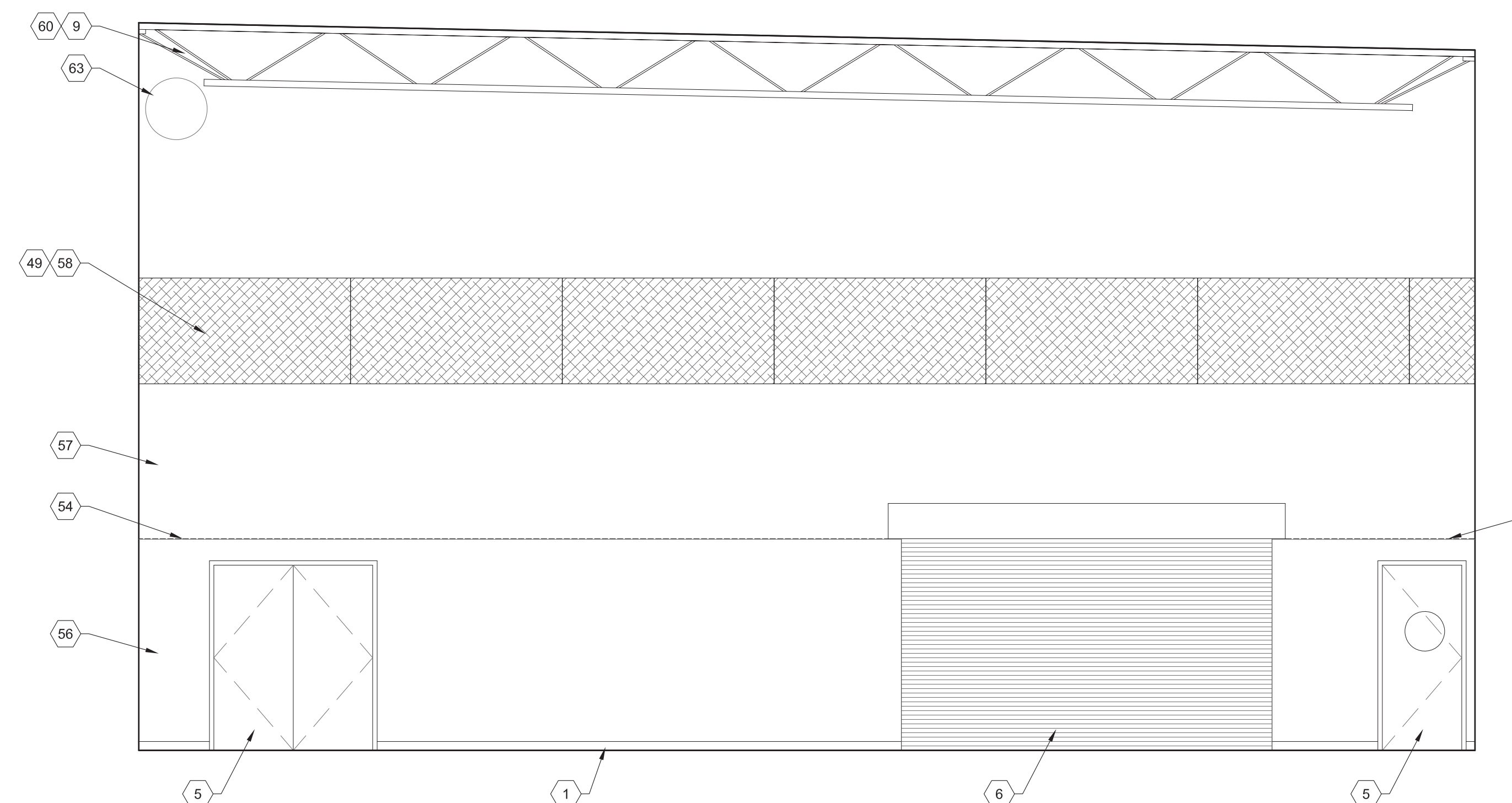
D1 MULTIUSE/ STUDENT DINING - EAST
SCALE: 1/4" = 1'-0"



B1 MULTIUSE/ STUDENT DINING - WEST
SCALE: 1/4" = 1'-0"



A1 MULTIUSE - NORTH
SCALE: 1/4" = 1'-0"



A3 STUDENT DINING - SOUTH
SCALE: 1/4" = 1'-0"

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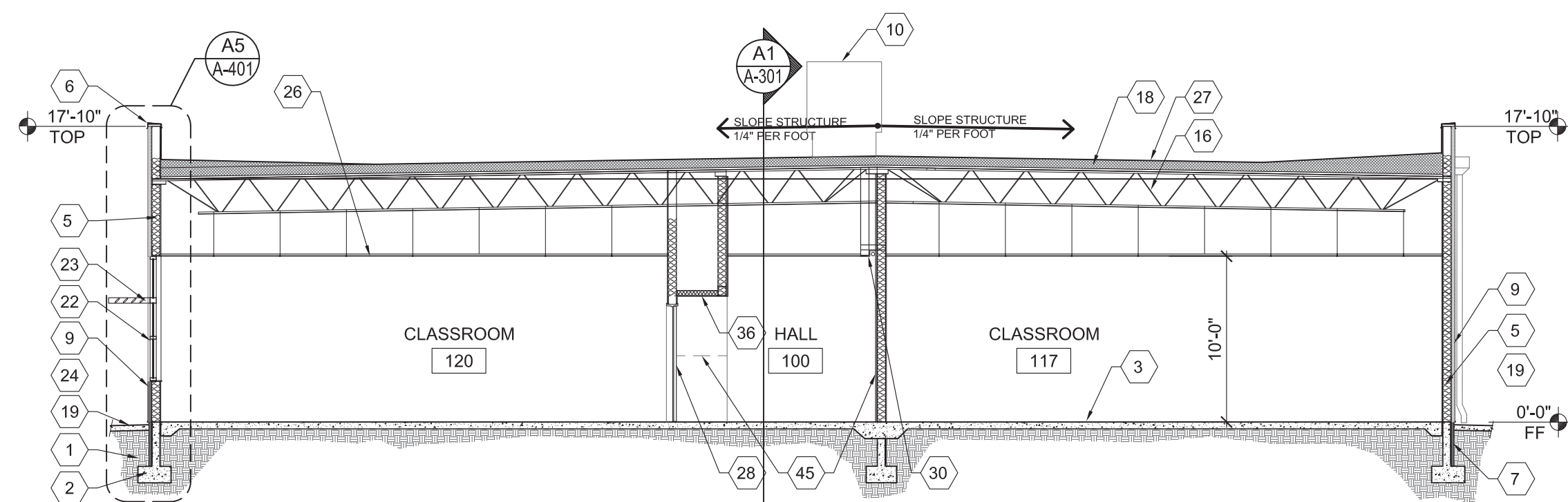
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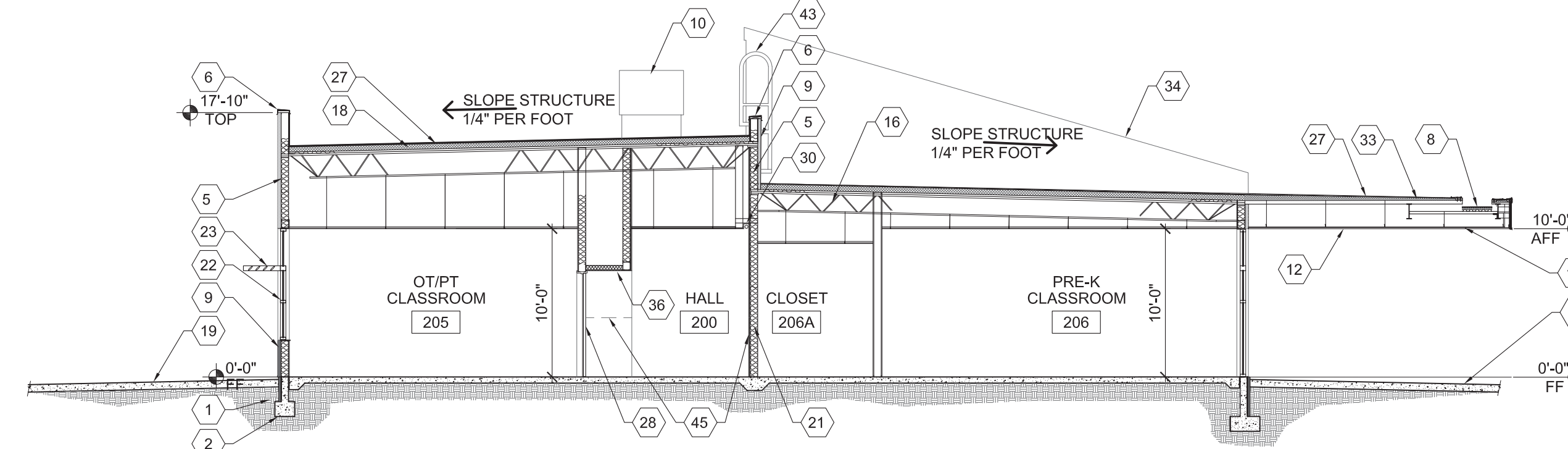
INTERIOR
ELEVATIONS

SHEET NO.

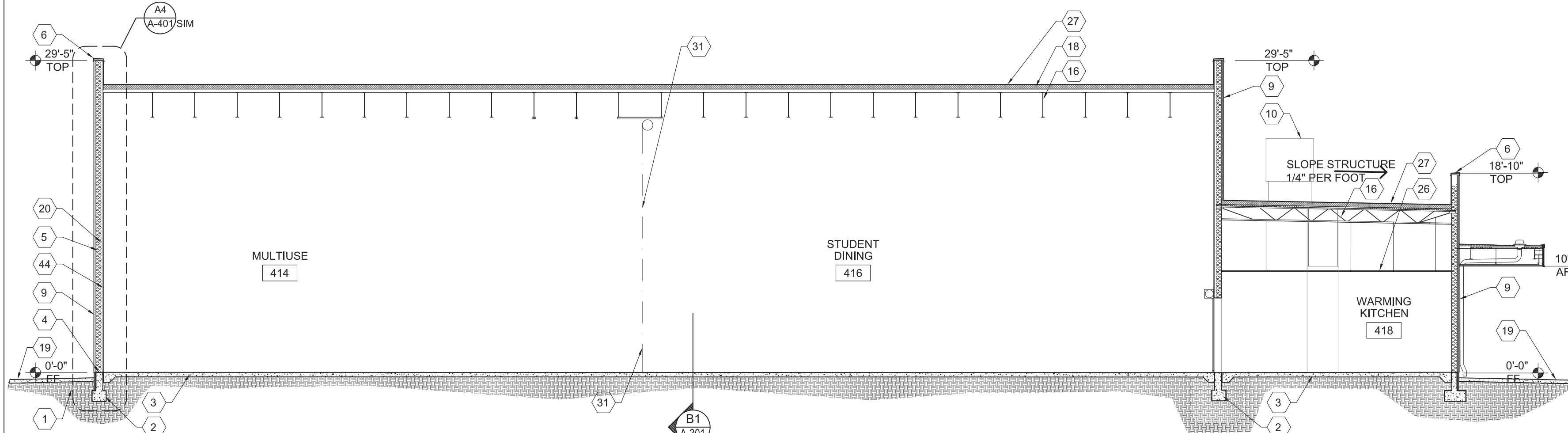
A-205



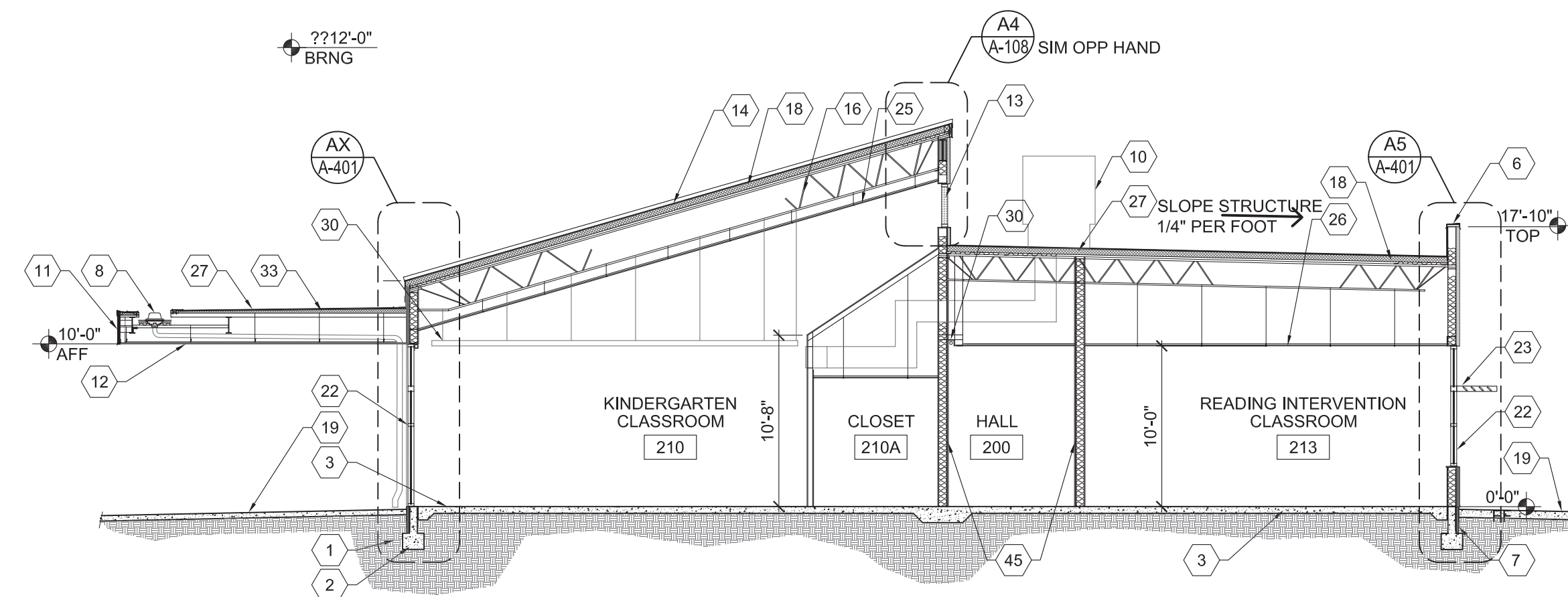
E1 BUILDING SECTION
SCALE: 1/8" = 1'-0"



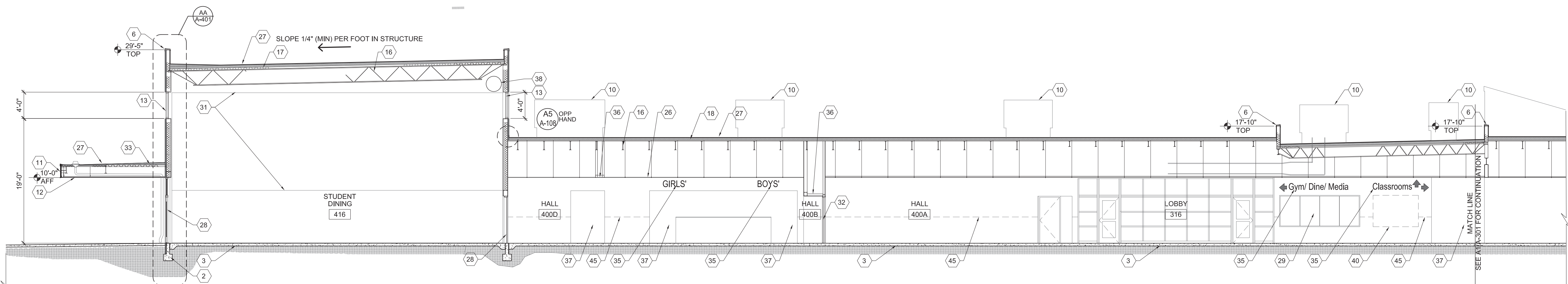
E4 BUILDING SECTION
SCALE: 1/8" = 1'-0"



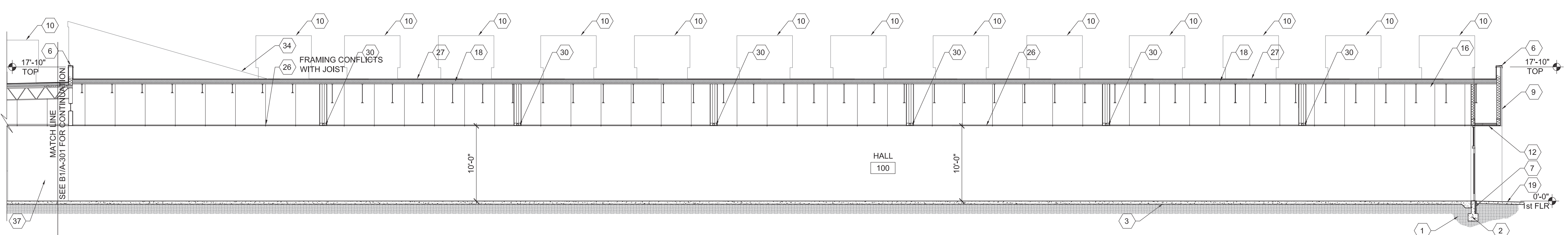
C1 BUILDING SECTION
SCALE: 1/8" = 1'-0"



C4 BUILDING SECTION
SCALE: 1/8" = 1'-0"



B1 BUILDING SECTION/ INTERIOR ELEVATION
SCALE: 1/8" = 1'-0"



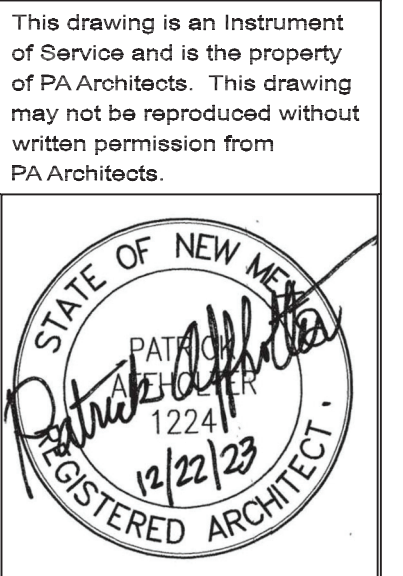
A1 BUILDING SECTION
SCALE: 1/8" = 1'-0"

GENERAL NOTES

- A. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
- B. DIMENSIONS ARE FACE OF STUD TO FACE OF STUD, UNLESS NOTED OTHERWISE.
- C. NOT ALL KEYED NOTES ARE USED ON THIS SHEET.
- D. ALL HALLS SHALL RECEIVE HIGH IMPACT GYPSUM BOARD UP TO 4'-0" AFF ON HALL SIDE.
- E. MULTIUSE AND STUDENT DINING SHALL RECEIVE HIGH IMPACT GYPSUM BOARD UP TO 8'-0" AFF ON ROOM SIDE.

KEYED NOTES:

1. ENGINEERED BACK FILL. SEE STRUCTURAL.
2. CONCRETE FOOTING. SEE STRUCTURAL.
3. CONCRETE SLAB. SEE STRUCTURAL.
4. EXTERIOR WALL FRAMING AS SCHEDULED. SEE STRUCTURAL.
5. R-19 BATT INSULATION.
6. METAL COPING SYSTEM.
7. R-10 RIGID PERIMETER INSULATION.
8. ROOF DRAIN AND GUTTER SYSTEM. SEE ROOF PLANS AND DETAIL D3/A-107, AND PLUMBING.
9. EXTERIOR INSULATED FINISH SYSTEM (EIFS).
10. ROOFTOP MECHANICAL UNIT. SEE MECHANICAL.
11. METAL FASCIA PANELS.
12. METAL SOFFIT SYSTEM ON EXTERIOR CEILING SUSPENSION SYSTEM.
13. INSULATED TRANSLUCENT WALL PANEL AS SCHEDULED.
14. STANDING SEAM METAL ROOFING SYSTEM.
15. STEEL BEAM. SEE STRUCTURAL.
16. STEEL JOIST. SEE STRUCTURAL.
17. STEEL ROOF DECK. SEE STRUCTURAL.
18. R-25 RIGID ROOF INSULATION.
19. BUILDING APRON OR PATIO. SLOPE TO DRAIN AWAY FROM BUILDING. SEE CIVIL AND SHEET AS-101.
20. IMPACT RESISTANT GYPSUM BOARD UP 8'-0" ALL STUDENT DINING AND MULTIUSE ROOM WALLS.
21. INTERIOR PARTITION FRAMING AS SCHEDULED.
22. ALUMINUM STOREFRONT WINDOW AS SCHEDULED.
23. ALUMINUM SUNSHADE AS SPECIFIED.
24. RAIN GUTTER / DOWNSPOUT ASSEMBLY BY STANDING SEAM ROOF MANUFACTURER (BEYOND).
25. SUSPENDED WOOD GRILLE CEILING SYSTEM.
26. SUSPENDED ACOUSTICAL SUSPENDED CEILING SYSTEM.
27. TPO ROOFING SYSTEM.
28. DOOR AS SCHEDULED.
29. DISPLAY CASE.
30. LIGHT FIXTURE. SEE SHEETS A-104 + A-105 AND ELECTRICAL.
31. ROLL-UP GYM DIVIDER OOM CURTAIN. SEE STRUCTURE FOR SUPPORT.
32. CONCRETE APRON. SLOPE TO DRAIN AWAY FROM BUILDING. SEE CIVIL.
33. RIGID ROOF INSULATION MINIMUM 1 1/2". SLOPE TAPER TO DRAIN 1/4" PER FOOT MINIMUM.
34. ROOF BEYOND.
35. SIGNAGE.
36. METAL STUD FRAMED SOFFIT/ HEADWALL. SEE SHEETS A-104 + A-105.
37. OPEN BEYOND.
38. DUCT. SEE MECHANICAL.
39. COLUMN BEYOND.
40. MOTORIZED SHADE IN POCKET.
41. ELECTRIC INFORMATION BOARD, NIC. SEE ELECTRICAL.
42. 6" DOUBLE STUD FRAMING.
43. PARAPET LADDER. SEE SHEETS A-106 + A-107.
44. HIGH IMPACT GYPSUM BOARD UP 8'-0" AFF, TYPICAL ALL MULTIUSE AND STUDENT DINING.
45. HIGH IMPACT GYPSUM BOARD UP 4'-0" AFF, TYPICAL ALL HALLS.



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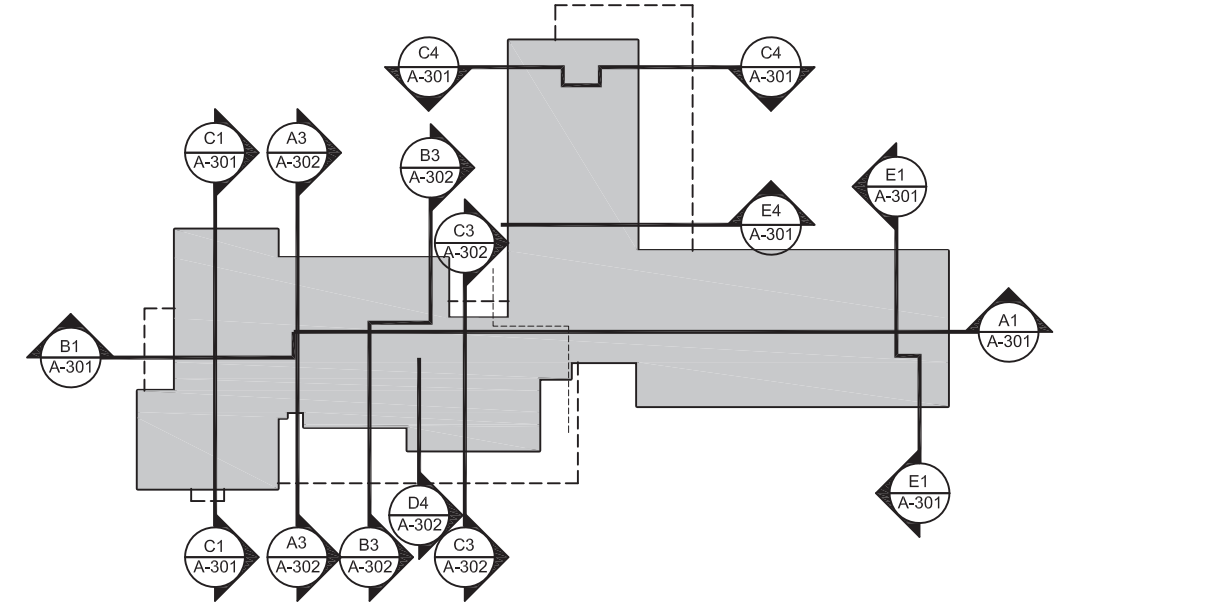
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KEY PLAN
NTS



BUILDING SECTIONS

SHEET NO.

A-301

GENERAL NOTES

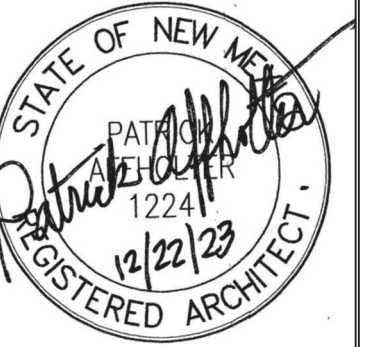
- A. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
- B. DIMENSIONS ARE FACE OF STUD TO FACE OF STUD, UNLESS NOTED OTHERWISE.
- C. NOT ALL KEYED NOTES ARE USED ON THIS SHEET.
- D. ALL HALLS SHALL RECEIVE HIGH IMPACT GYPSUM BOARD UP TO 4'-0" AFF ON THE HALL SIDE.
- E. MULTIUSE AND STUDENT DINING SHALL RECEIVE HIGH IMPACT GYPSUM BOARD UP TO 8'-0" AFF ON THE ROOM SIDE.

KEYED NOTES:

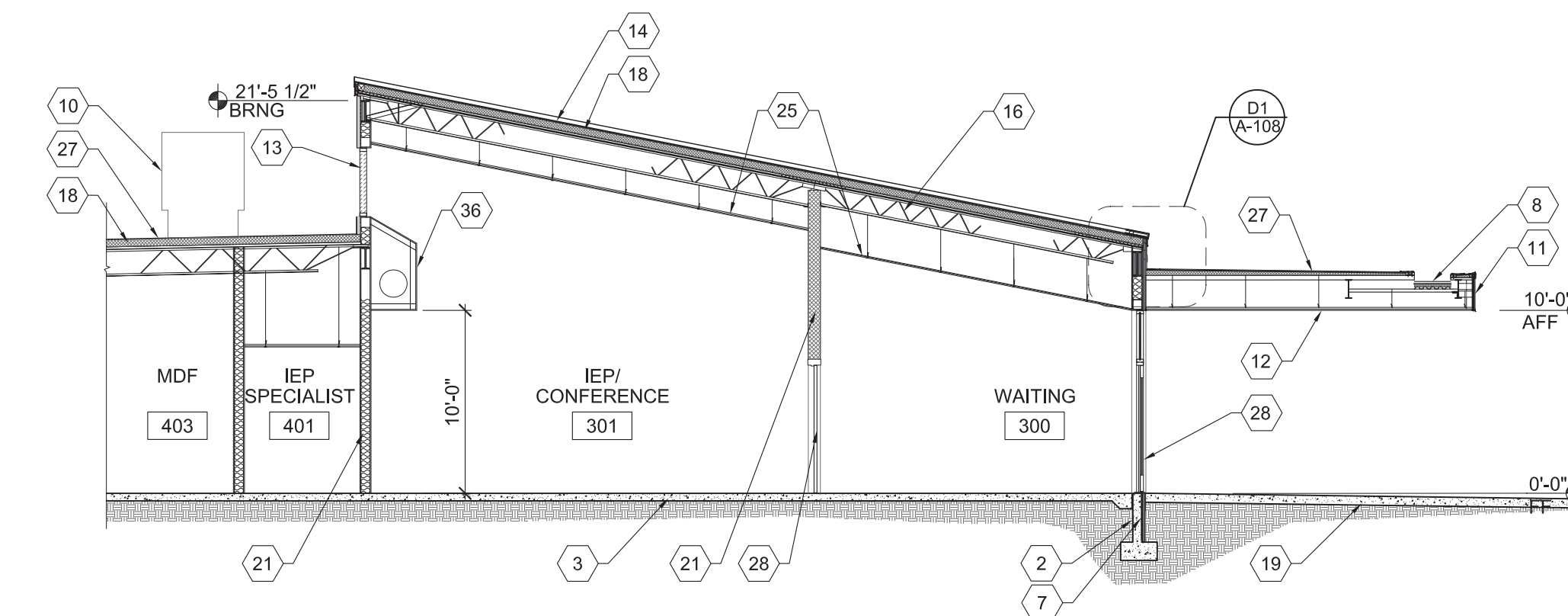
1. ENGINEERED BACK FILL. SEE STRUCTURAL.
2. CONCRETE FOOTING, SEE STRUCTURAL.
3. CONCRETE SLAB, SEE STRUCTURAL.
4. EXTERIOR WALL FRAMING AS SCHEDULED. SEE STRUCTURAL.
5. R-19 BATT INSULATION.
6. METAL COPING SYSTEM.
7. R-10 RIGID PERIMETER INSULATION.
8. ROOF DRAIN AND GUTTER SYSTEM. SEE ROOF PLANS AND DETAIL D3/A-107, AND PLUMBING.
9. EXTERIOR INSULATED FINISH SYSTEM (EIFS).
10. ROOFTOP MECHANICAL UNIT. SEE MECHANICAL.
11. METAL FASCIA PANELS.
12. METAL SOFFIT SYSTEM ON EXTERIOR CEILING SUSPENSION SYSTEM.
13. INSULATED TRANSLUCENT WALL PANEL AS SCHEDULED.
14. STANDING SEAM METAL ROOFING SYSTEM.
15. STEEL BEAM, SEE STRUCTURAL.
16. STEEL JOIST, SEE STRUCTURAL.
17. STEEL ROOF DECK, SEE STRUCTURAL.
18. R-25 RIGID ROOF INSULATION.
19. BUILDING APRON OR PATIO. SLOPE TO DRAIN AWAY FROM BUILDING. SEE CIVIL AND SHEET AS-101.
20. IMPACT RESISTANT GYPSUM BOARD UP 8'-0" ALL STUDENT DINING AND MULTIUSE ROOM WALLS.
21. INTERIOR PARTITION FRAMING AS SCHEDULED.
22. ALUMINUM STOREFRONT WINDOW AS SCHEDULED.
23. ALUMINUM SUNSHADE AS SPECIFIED.
24. RAIN GUTTER / DOWNSPOUT ASSEMBLY BY STANDING SEAM ROOF MANUFACTURER (BEYOND).
25. SUSPENDED WOOD GRILLE CEILING SYSTEM.
26. SUSPENDED ACOUSTICAL SUSPENDED CEILING SYSTEM.
27. TPO ROOFING SYSTEM.
28. DOOR AS SCHEDULED.
29. DISPLAY CASE.
30. LIGHT FIXTURE. SEE SHEETS A-104 + A-105 AND ELECTRICAL.
31. ROLL-UP GYM DIVIDER OOM CURTAIN. SEE STRUCTURE FOR SUPPORT.
32. CONCRETE APRON. SLOPE TO DRAIN AWAY FROM BUILDING. SEE CIVIL.
33. RIGID ROOF INSULATION MINIMUM 1 1/2". SLOPE TAPER TO DRAIN 1/4" PER FOOT MINIMUM.
34. ROOF BEYOND.
35. SIGNAGE.
36. METAL STUD FRAMED SOFFIT / HEADWALL. SEE SHEETS A-104 + A-105.
37. OPEN BEYOND.
38. DUCT. SEE MECHANICAL.
39. COLUMN BEYOND.
40. MOTORIZED SHADE IN POCKET.
41. ELECTRIC INFORMATION BOARD, NIC. SEE ELECTRICAL.
42. 6" DOUBLE STUD FRAMING.
43. PARAPET LADDER. SEE SHEETS A-106 + A-107.
44. HIGH IMPACT GYPSUM BOARD UP 8'-0" AFF, TYPICAL ALL MULTIUSE AND STUDENT DINING.
45. HIGH IMPACT GYPSUM BOARD UP 4'-0" AFF, TYPICAL ALL HALLS.



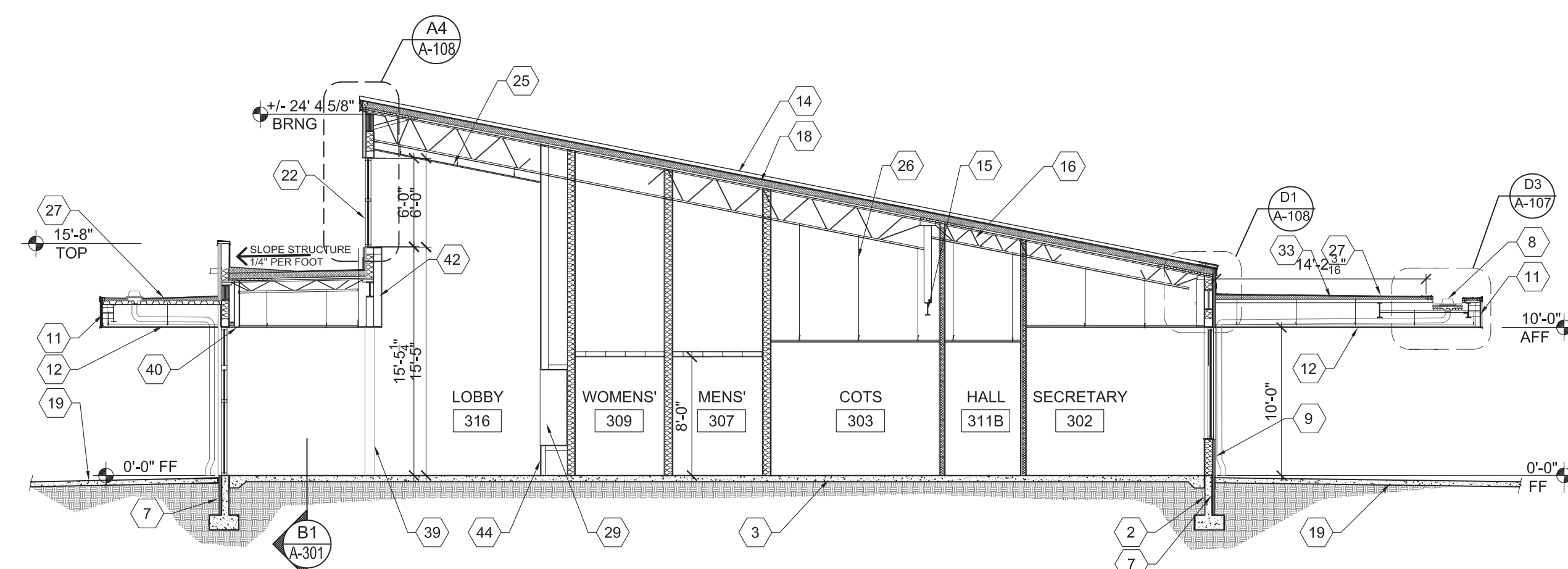
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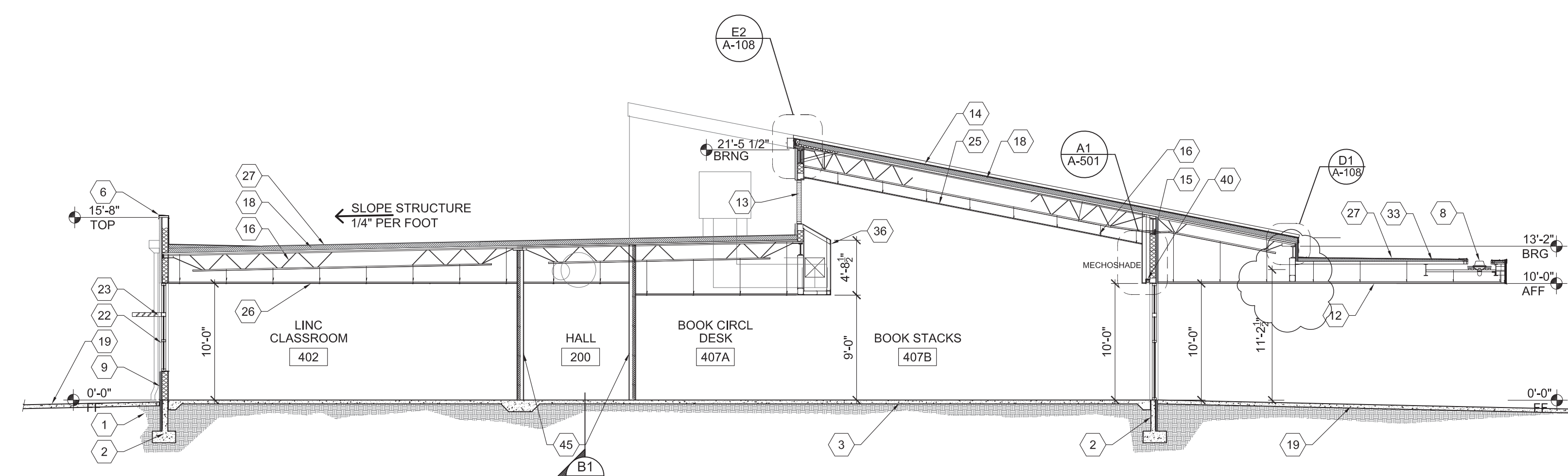
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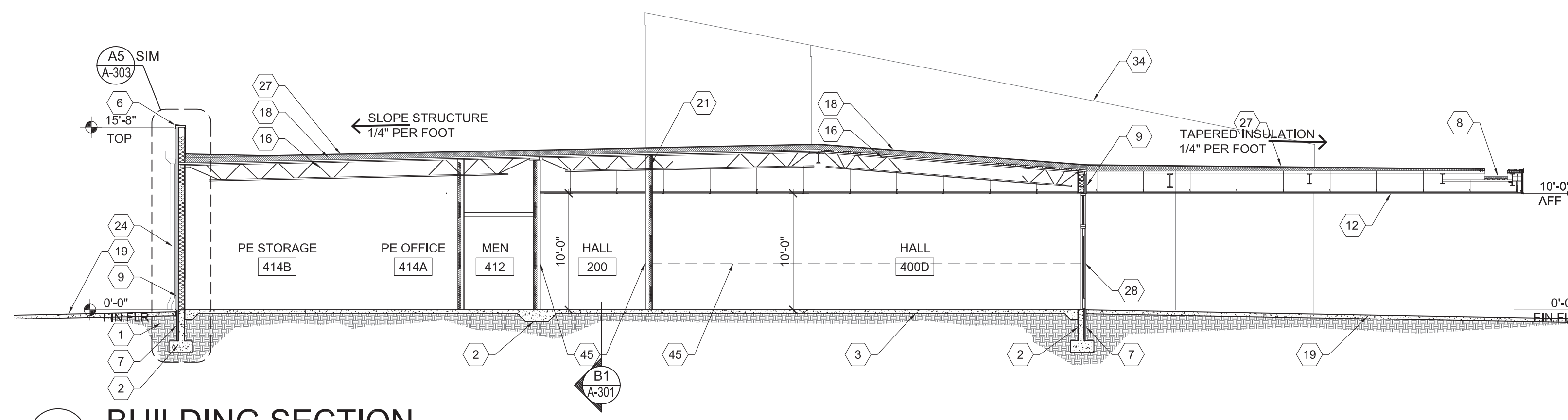
D4 BUILDING SECTION
SCALE: 1/8" = 1'-0"



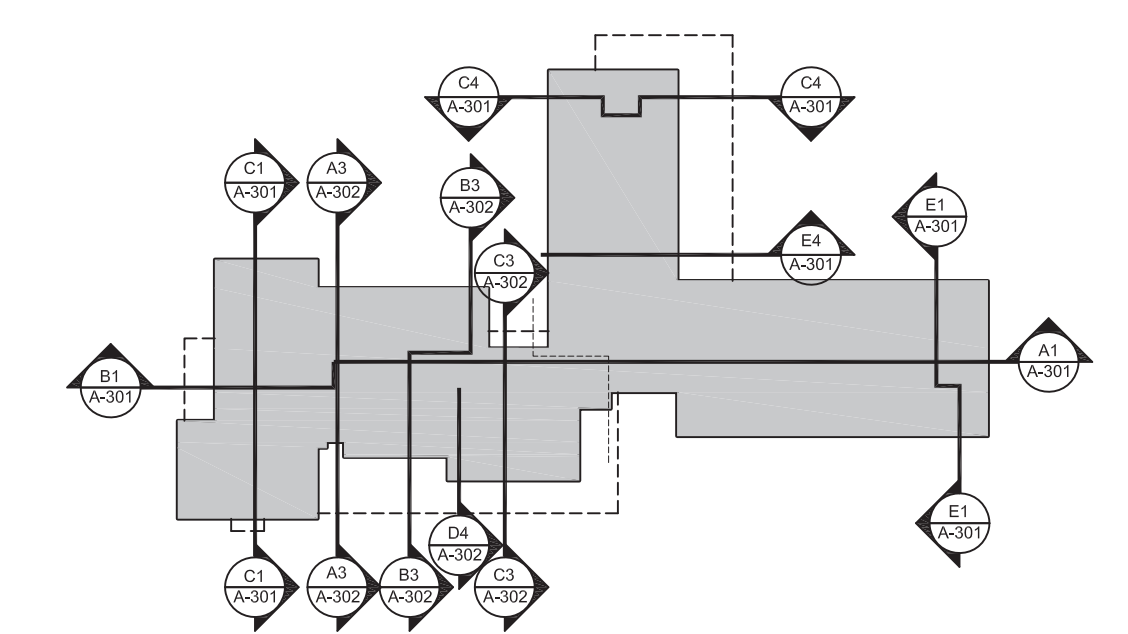
C3 BUILDING SECTION
SCALE: 1/8" = 1'-0"



B3 BUILDING SECTION
SCALE: 1/8" = 1'-0"



A3 BUILDING SECTION
SCALE: 1/8" = 1'-0"



KEY PLAN
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**BUILDING
SECTIONS**

SHEET NO.

A-302

GENERAL NOTES

- A. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
- B. DIMENSIONS ARE FACE OF STUD TO FACE OF STUD, UNLESS NOTED OTHERWISE.
- C. NOT ALL KEYED NOTES ARE USED ON THIS SHEET.

KEYED NOTES:

1. ENGINEERED BACK FILL.
2. CONCRETE FOOTING. SEE STRUCTURAL.
3. CONCRETE SLAB. SEE STRUCTURAL.
4. EXTERIOR WALL FRAMING AS SCHEDULED.
5. R-19 BATT INSULATION.
6. 7/16" FRT EXTERIOR GRADE PLYWOOD.
7. 2-INCH, R-10 MINIMUM RIGID CONTINUOUS INSULATION.
8. VAPOR BARRIER.
9. EIFS SYSTEM.
10. METAL SOFFIT AND SUSPENSION SYSTEM.
11. STRUCTURAL BEAM. SEE STRUCTURAL.
12. STRUCTURAL JOIST. SEE STRUCTURAL.
13. STEEL ROOF DECK. SEE STRUCTURAL.
14. R-25 MINIMUM RIGID ROOF INSULATION.
15. 1/2" COVER BOARD.
16. 5/8" INTERIOR GYPSUM BOARD.
17. 2-INCH, R-10 MINIMUM PERIMETER INSULATION, TYPICAL.
18. ALUMINUM STOREFRONT WINDOW AS SCHEDULED.
19. ALUMINUM WINDOW SUNSHADE.
20. ROOF DRAIN/ DOWNSPOUT ASSEMBLY BY STANDING SEAM ROOF MANUFACTURER, BEYOND.
21. SUSPENDED ACOUSTICAL SUSPENDED CEILING SYSTEM.
22. TPO ROOFING SYSTEM.
23. FRT SOLID WOOD BLOCKING.
24. METAL COPING.
25. VENTED TRACK.
26. DOOR AS SCHEDULED.
27. TRANSLUCENT GLAZING SYSTEM AS SCHEDULED.
28. BUILDING APRON OR PATIO. SLOPE TO DRAIN AWAY FROM BUILDING. SEE CIVIL AND SHEET AS-101.
29. SOLID SURFACING WINDOW SILL, TYPICAL.
30. 26 GA GALVANIZED METAL FLASHING.
31. CLOSED CELL SPRAY FOAM INSULATION. FILL ENTIRE CAVITY: JOIST + BEAM POCKETS, DECK FLUTES, HSS, ETC., TYPICAL ALL EXTERIOR WALLS.
32. SURFACE MOUNTED ROLLER SHADE AT ALL EXTERIOR WINDOWS. MOTORIZED SHADES IN POCKET IN MEDIA CENTER.
33. TAPERED ROOF INSULATION, MINIMUM THICKNESS 1 1/2". SLOPE TO DRAIN.



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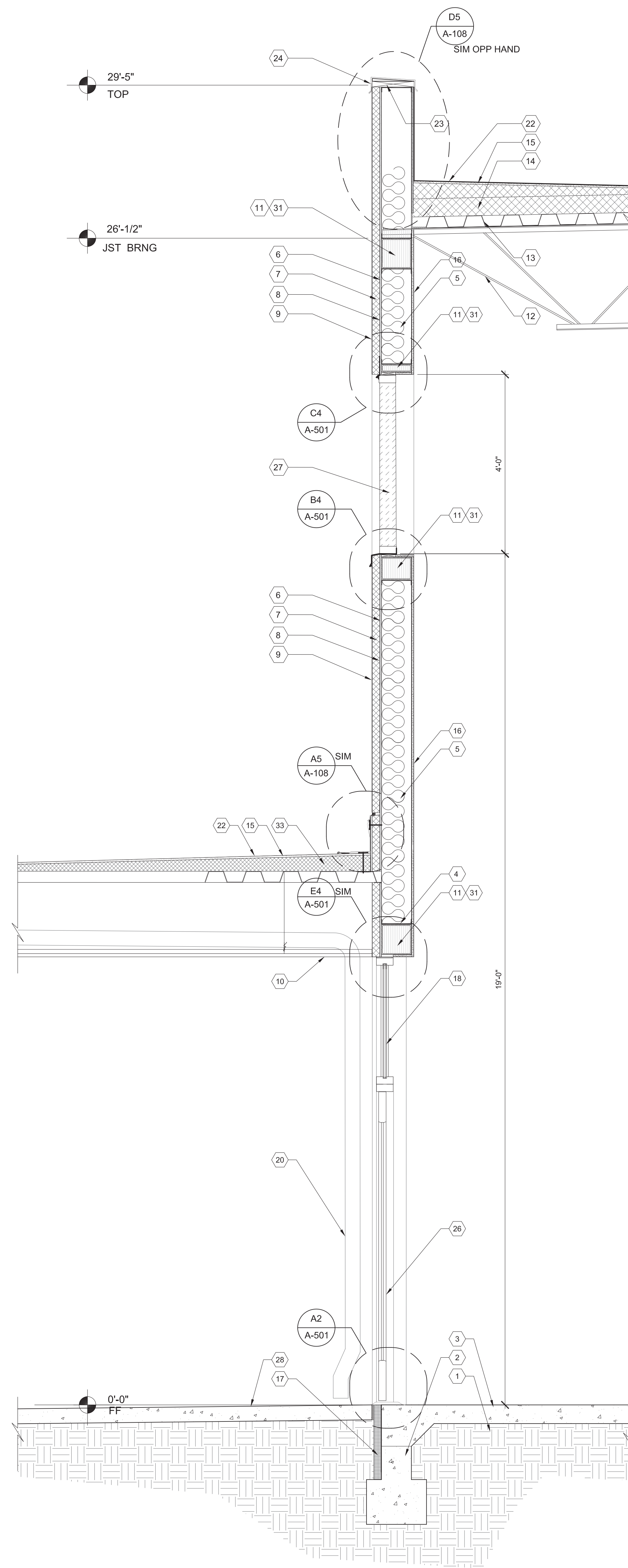
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SHEET TITLE

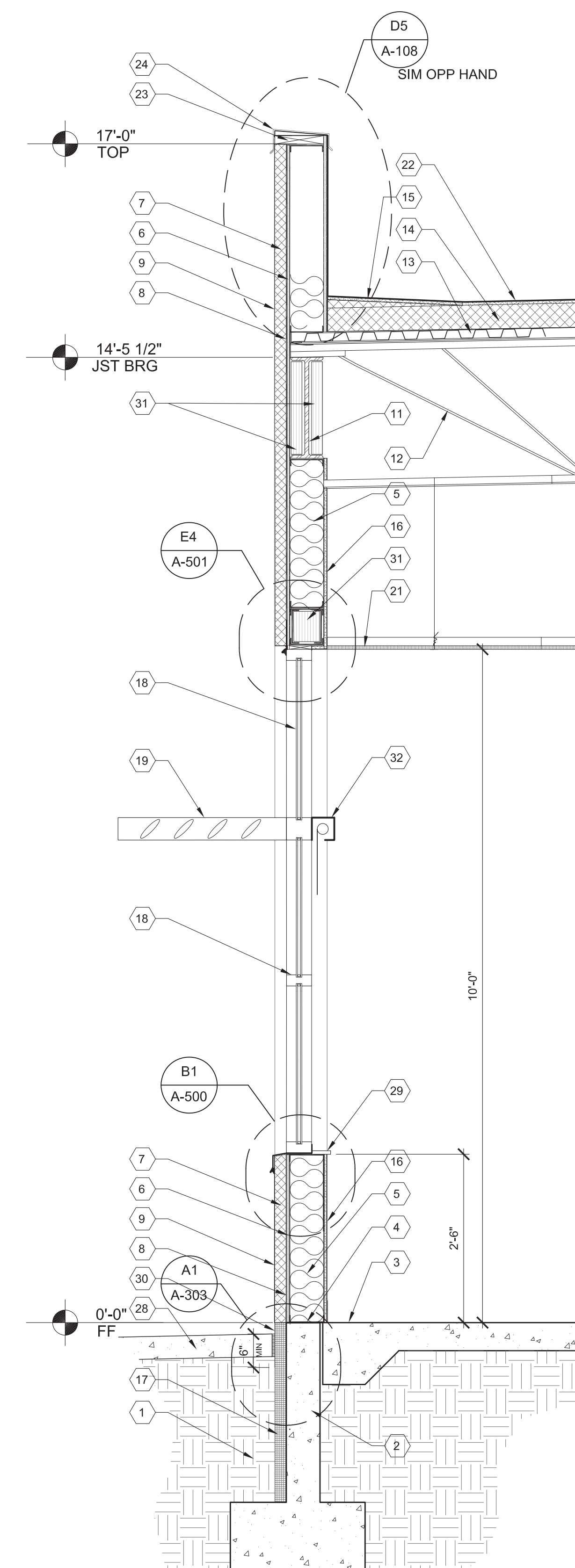
WALL
SECTIONS

SHEET NO.

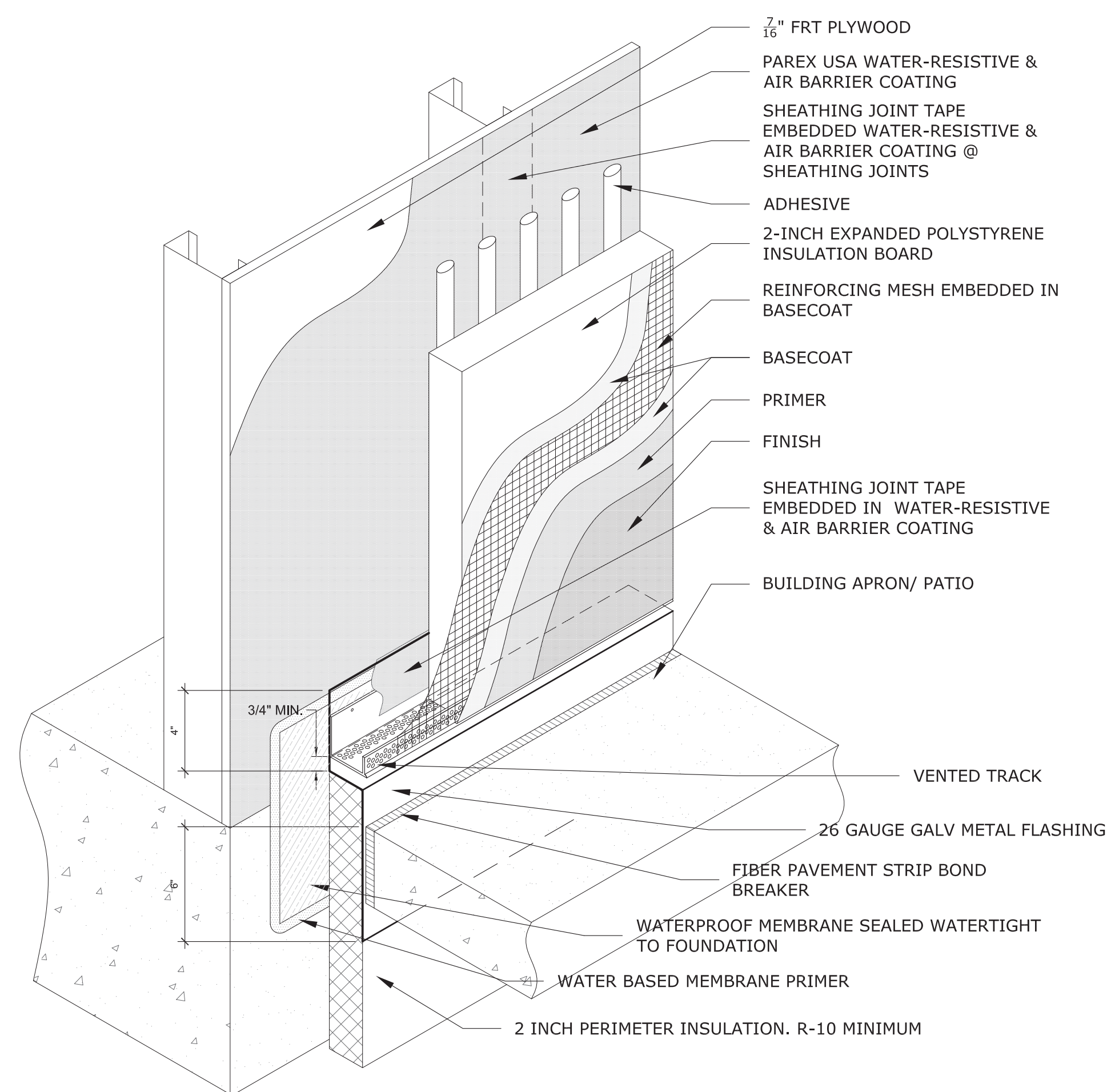
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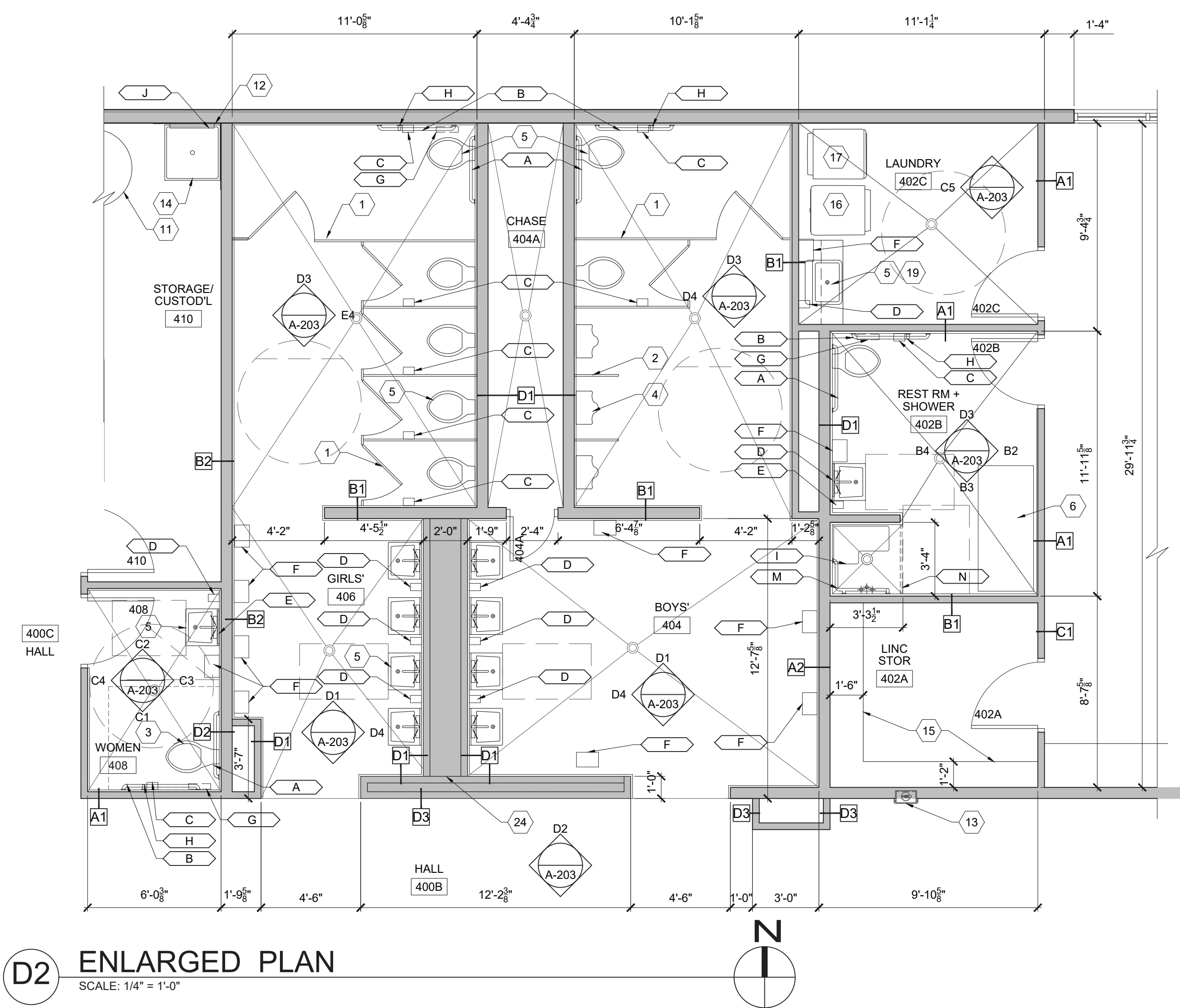
A3 WALL SECTION
SCALE: 3/4" = 1'-0"



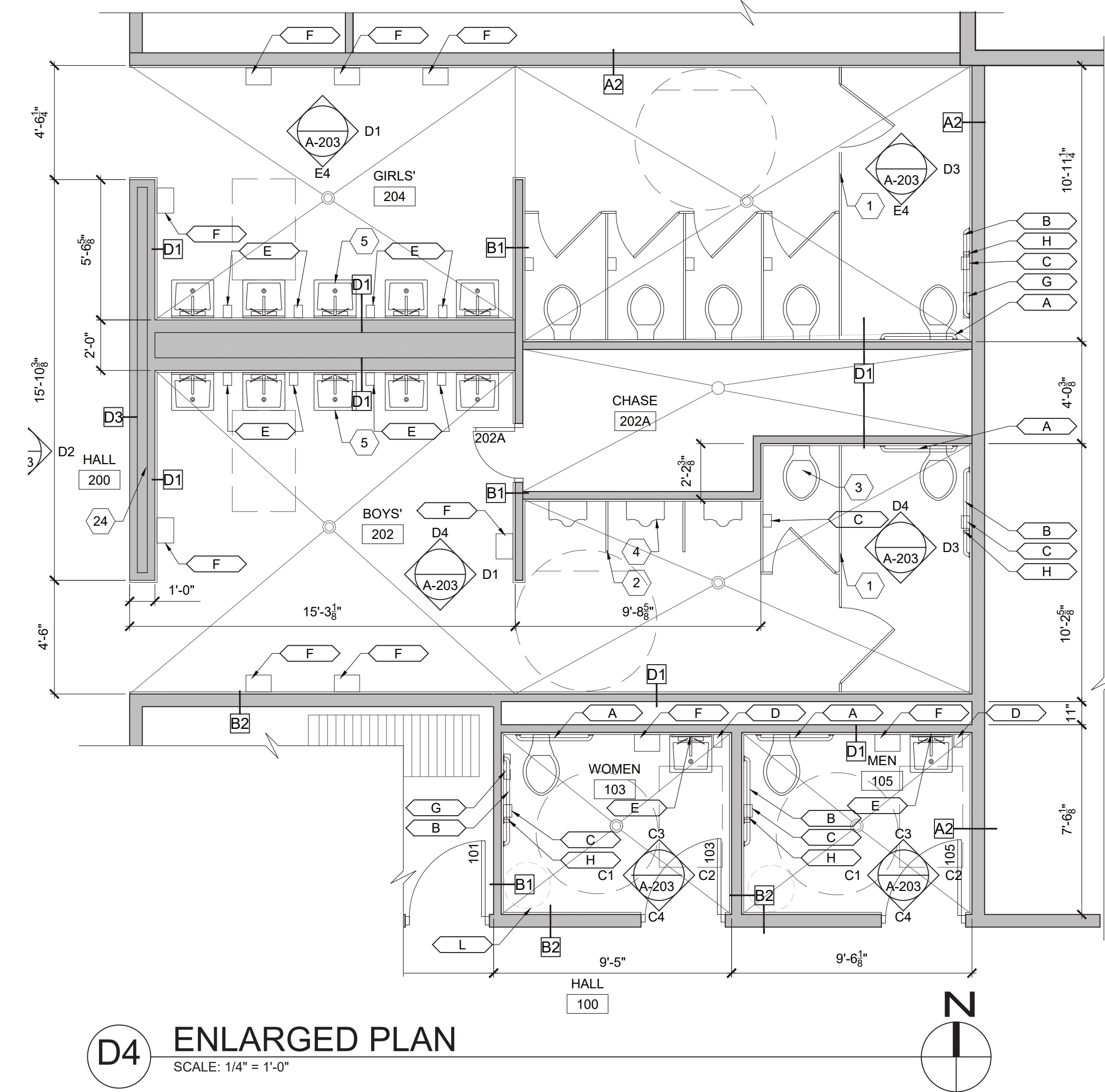
A5 WALL SECTION
SCALE: 3/4" = 1'-0"



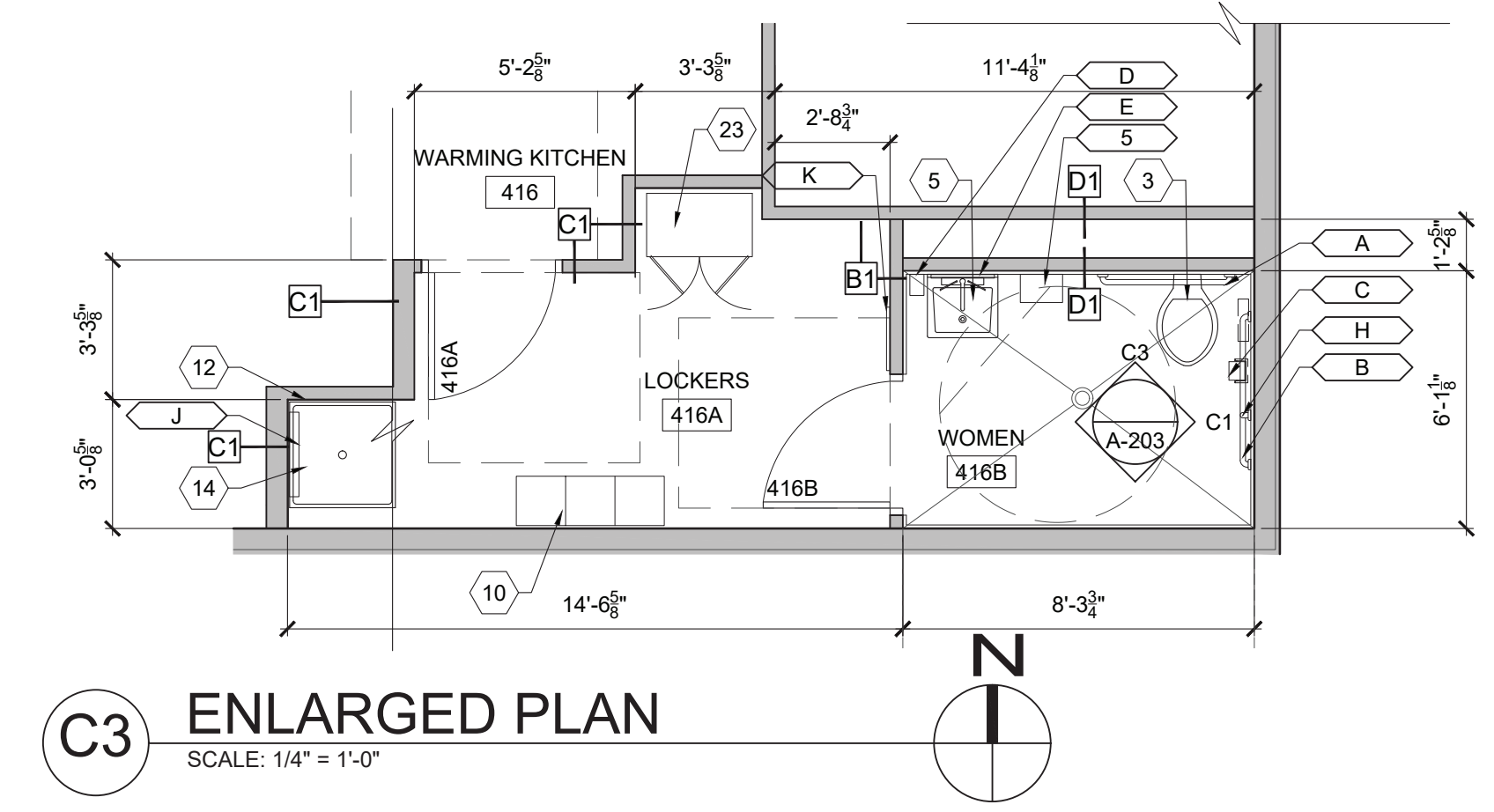
A1 DETAIL
NTS



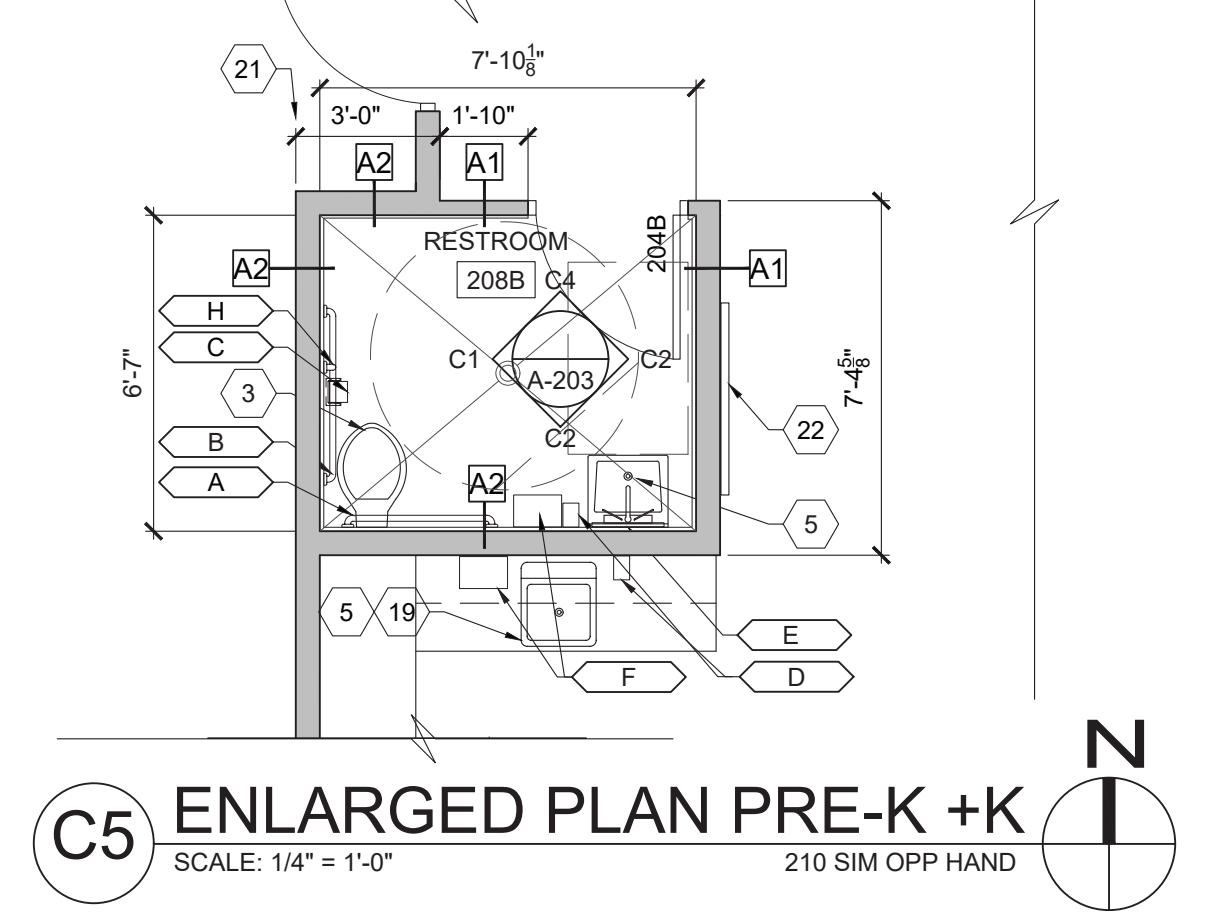
D2 ENLARGED PLAN
SCALE: 1/4" = 1'-0"



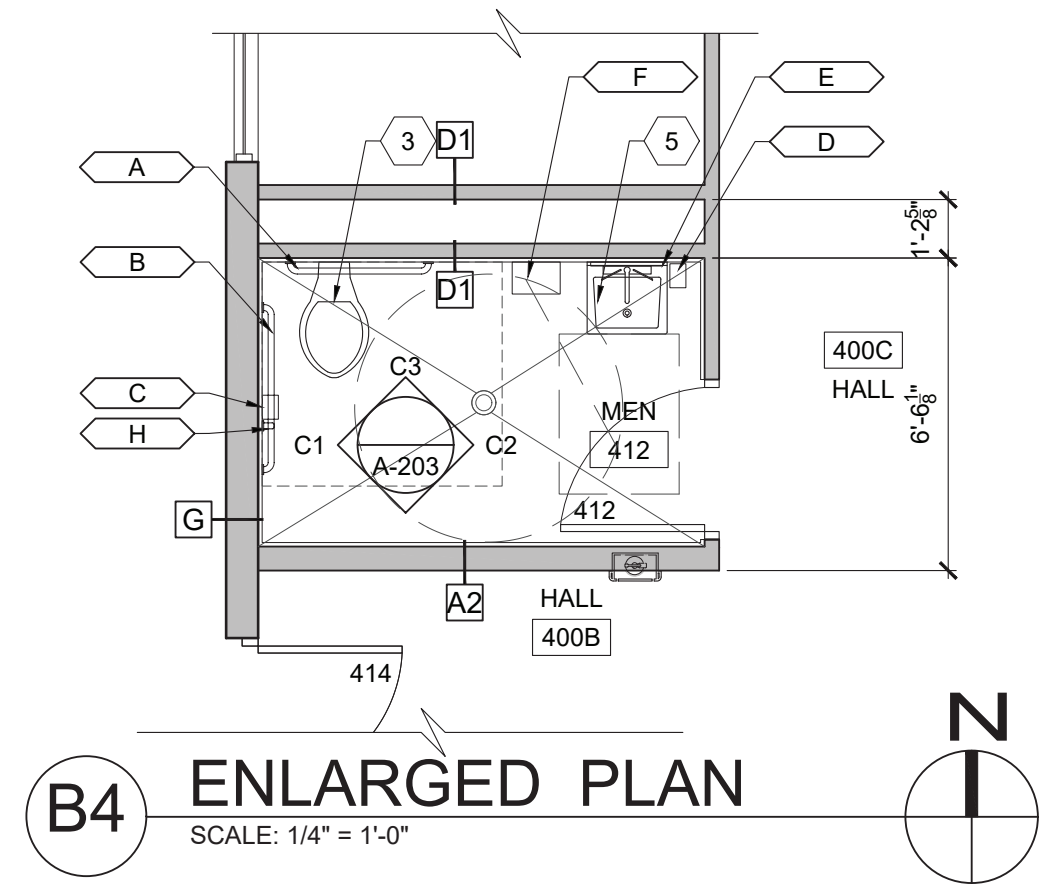
D4 ENLARGED PLAN
SCALE: 1/4" = 1'-0"



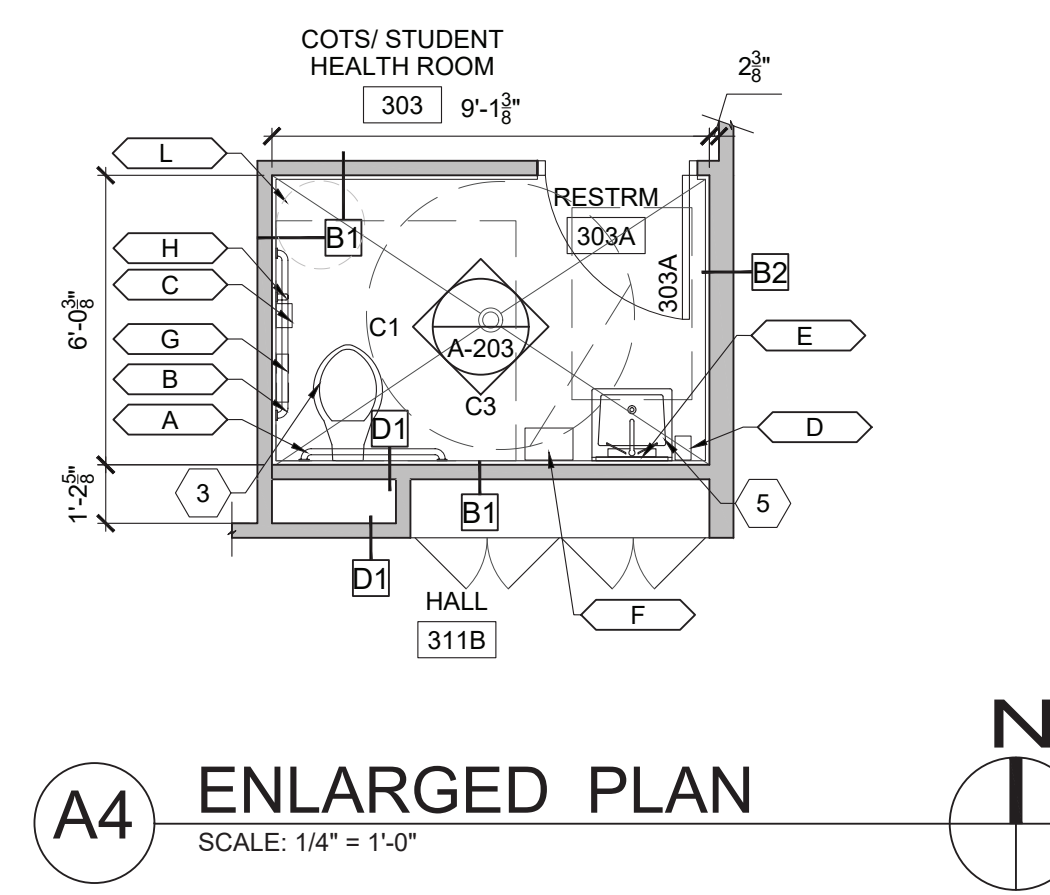
C3 ENLARGED PLAN
SCALE: 1/4" = 1'-0"



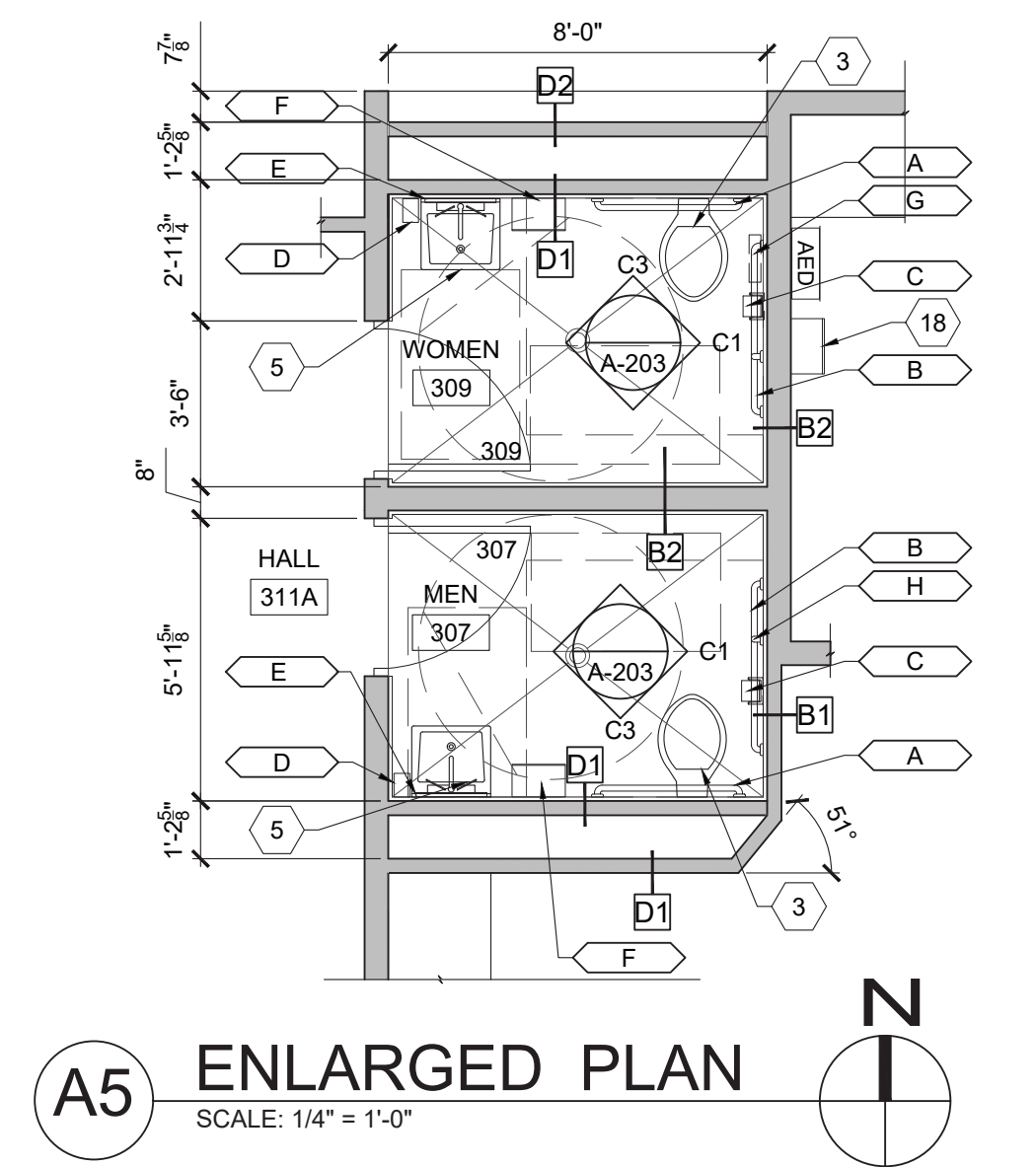
C5 ENLARGED PLAN PRE-K + K
SCALE: 1/4" = 1'-0"



B4 ENLARGED PLAN
SCALE: 1/4" = 1'-0"



A4 ENLARGED PLAN
SCALE: 1/4" = 1'-0"



A5 ENLARGED PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES

- A. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
- B. SEE SHEET A-203 - INTERIOR ELEVATIONS FOR HANDICAP ACCESSIBLE ELEMENT DIMENSIONS.
- C. DIMENSIONS ARE TO FACE OF STUD, UNLESS NOTED OTHERWISE.
- D. FOR WALL TYPES SEE SHEET A-102.
- E. COORDINATE FLOOR DRAINS AND FLOOR SINKS WITH PLUMBING AND STRUCTURAL.

KEYED NOTES:

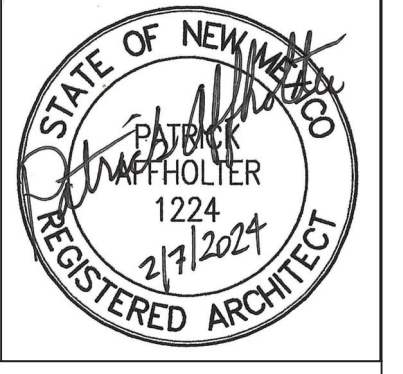
- 1. TOILET PARTITION.
- 2. URINAL SCREEN/PARTITION
- 3. WATER CLOSET. SEE PLUMBING.
- 4. URINAL. SEE PLUMBING.
- 5. SINK. SEE PLUMBING.
- 6. CHANGING TABLE. SEE ELECTRICAL.
- 7. SHOWER. SEE PLUMBING.
- 8. DOOR AS SCHEDULED.
- 9. 4' x 4' TACK BOARD.
- 10. LOCKERS.
- 11. WATER HEATER. SEE PLUMBING.
- 12. FRP PANELS 4' x 6' EACH SIDE OF MOP SINK, TYPICAL ALL MOP SINKS.
- 13. FIRE EXTINGUISHER AND CABINET.
- 14. MOPSINK. SEE PLUMBING.
- 15. FIXED SHELVING.
- 16. CLOTHES WASHER.
- 17. CLOTHES DRYER.
- 18. DOUBLE LOCKING NARCOTICS CABINET.
- 19. PLASTIC LAMINATE CASEWORK WITH UPPER AND LOWER CABINETS.
- 20. ELECTRIC WATER COOLERS. SEE ELECTRICAL AND PLUMBING.
- 21. SOFFIT ABOVE. SEE SHEET A-104.
- 22. 4' x 4' TACK BOARD.
- 23. CHEMICAL STORAGE CABINET.
- 24. PARTIAL HEIGHT PARTITION (48" AFF) WITH SOLID SURFACING CAP.

LEGEND

- A GRAB BAR - 1 1/2" DIA X 36"
- B GRAB BAR - 1 1/2" DIA X 42"
- C TOILET TISSUE DISPENSER (OWNER PROVIDED, GC INSTALLED)
- D SOAP DISPENSER (OWNER PROVIDED, GC INSTALLED)
- E MIRROR
- F PAPER TOWEL DISPENSER (OWNER PROVIDED, GC INSTALLED)
- G SANITARY PRODUCTS DISPOSAL (OWNER PROVIDED, GC INSTALLED)
- H GRAB BAR - 1 1/2" DIA X 18"
- I RETRACTABLE SHOWER SEAT
- J MOP RACK
- K FULL LENGTH MIRROR (2 FURNISHED EA IN ROOMS 202+204, 404+406, LOCATION TBD)
- L WASTE RECEPTACLE (OWNER PROVIDED, GC INSTALLED)
- M TWO WALL SHOWER GRAB BAR
- N SHOWER ROD AND CURTAIN

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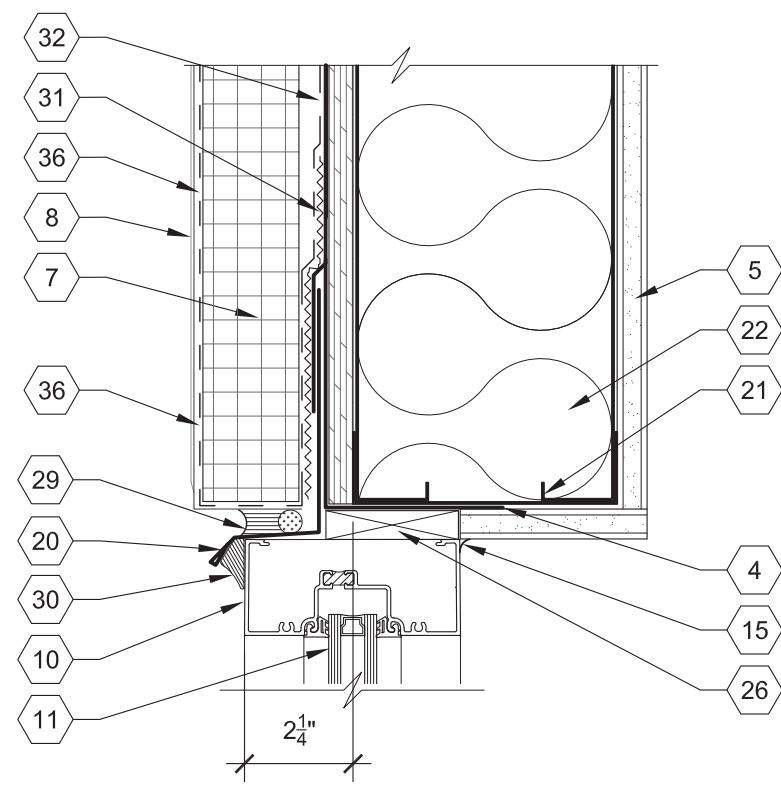
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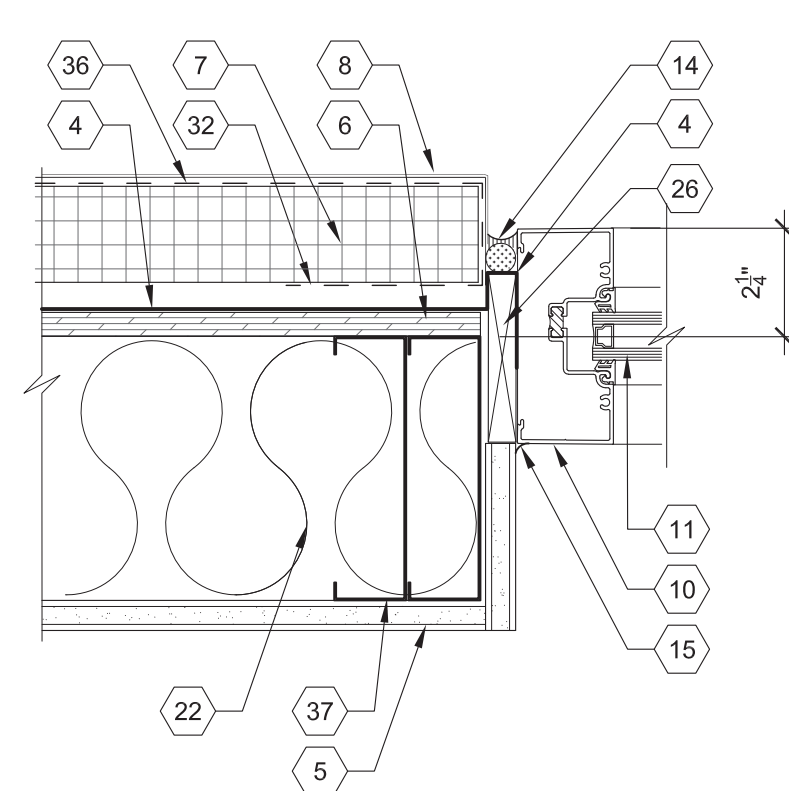
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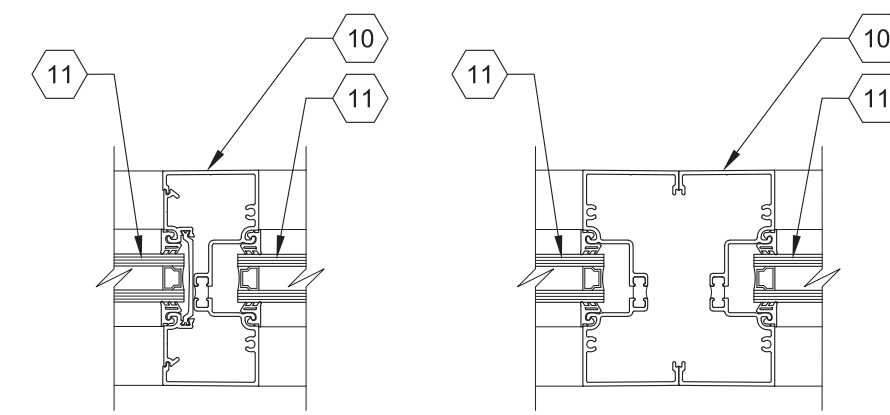
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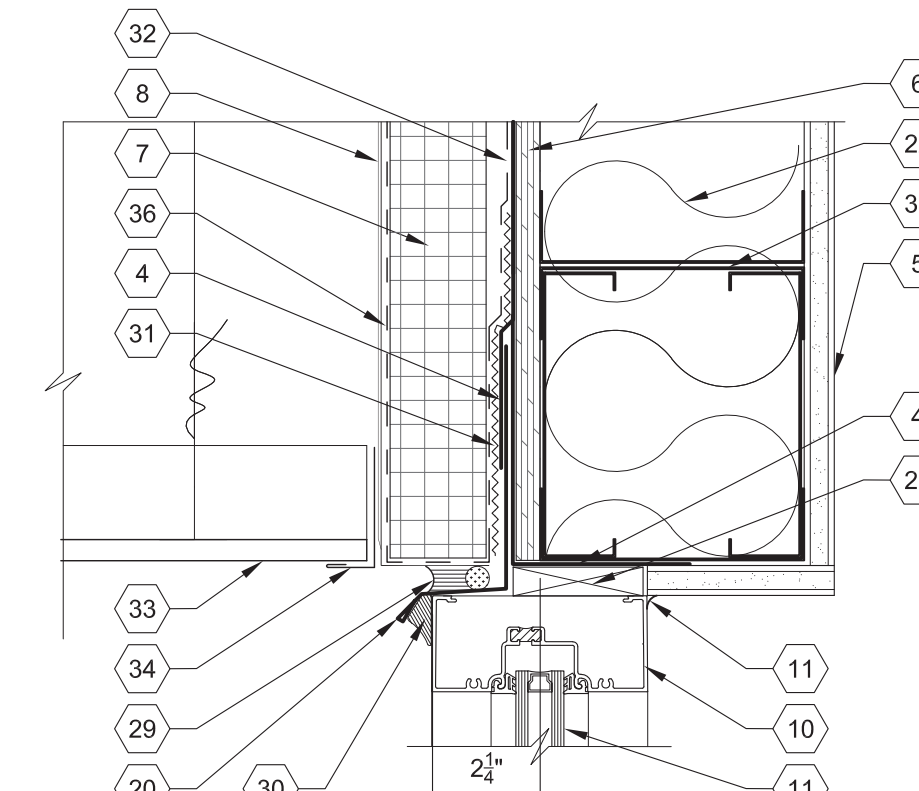
E1 DETAIL - HEAD
SCALE: 3" = 1'-0"



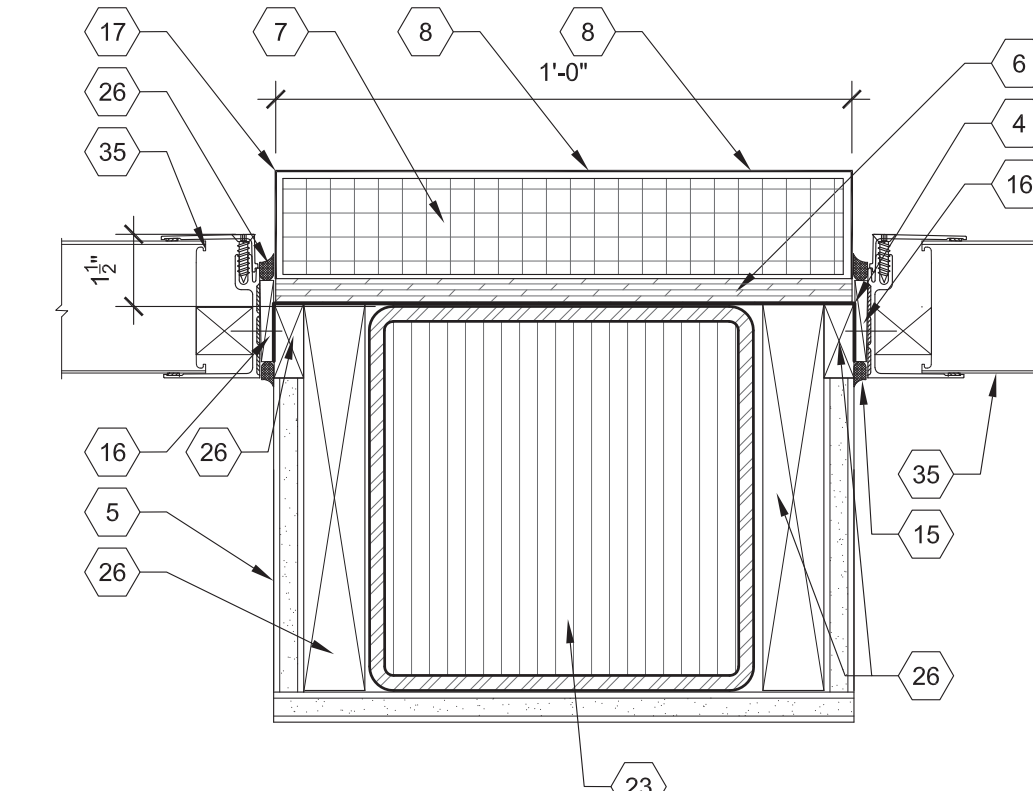
E2 DETAIL - JAMB
SCALE: 3" = 1'-0"



E3 DETAIL - VERTICAL MULLION
SCALE: 3" = 1'-0"



E4 DETAIL - HEAD AT SOFFIT
SCALE: 3" = 1'-0"



E5 DETAIL - JAMB / COLUMN
SCALE: 3" = 1'-0"

GENERAL NOTES

- A. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS
- B. DIMENSIONS ARE TO FACE OF STUD OR FACE OF CONCRETE BLOCK, UNLESS NOTED OTHERWISE.

KEYED NOTES:

1. SOUND BATT INSULATION, CONTINUOUS TO DECK.
2. 3 5/8" STEEL STUDS.
3. 6" STEEL STUDS.
4. WATER RESISTIVE AND AIR BARRIER COATING.
5. 5/8" GYP BOARD.
6. FIRE TREATED 7/16" EXTERIOR GRADE PLYWOOD.
7. 2" RIGID PUYISO INSULATION.
8. EIFS SYSTEM.
9. HOLLOW METAL FRAME AS SCHEDULED.
10. ALUMINUM FRAME AS SCHEDULED.
11. GLAZING AS SCHEDULED. SEE FRAME TYPES.
12. DOOR AS SCHEDULED.
13. SOLID SURFACE WINDOW SILL. EASE OUTSIDE EDGES.
14. CLOSED CELL BACKER ROD AND ELASTOMERIC SEALANT.
15. INTERIOR SEALANT, TYPICAL.
16. FIRE TREATED SHIM AS REQUIRED, TYPICAL.
17. WRAP WITH .063 BRAKE METAL. BRONZE FINISH AND COLOR TO MATCH ADJACENT ALUMINUM FRAME.
18. WINDOW SHADE OUTRIGGER WHERE SCHEDULED.
19. HM FRAME AS SCHEDULED. GROUT FRAME SOLID, TYPICAL.
20. METAL FLASHING WITH 1/2" DRIP EDGE.
21. METAL STUD BOX HEADER.
22. 6" BATT INSULATION (R-19) CONTINUOUS TO DECK
23. FILL SOLID WITH CLOSED CELL FOAM INSULATION, FILL ENTIRE CAVITY, TYPICAL.
24. FINISH FLOOR/ CONCRETE SLAB.
25. ALUMINUM THRESHOLD.
26. FIRE TREATED WOOD BLOCKING AS REQUIRED.
27. STRUCTURAL HSS. SEE STRUCTURAL.
28. CEILING AS SCHEDULED.
29. CLOSED CELLBACKER ROD AND ELASTOMERIC SEALANT WITH WEEPS @16" OC.
30. ELASTOMERIC SEALANT.
31. EIFS SYSTEM DRAINAGE MATERIAL.
32. EIFS SYSTEM BACKWRAP.
33. EXTERIOR METAL SOFFIT AND SUSPENSION SYSTEM.
34. CLOSURE ANGLE.
35. TRANSLUCENT GLAZING PANEL AND FRAME AS SCHEDULED.
36. EIFS SYSTEM REINFORCING MESH EMBEDDED IN BASE COAT.
37. METAL STUDS AS SCHEDULED.
38. CMU. SEE STRUCTURAL.
39. MASONRY DOORFRAME TIE.
40. COILING DOOR FASCIA AND METAL HOUSING.
41. COILING DOOR BOTTOM RAIL.
42. COILING DOOR GUIDE.
43. R-10 PERIMETER INSULATION.



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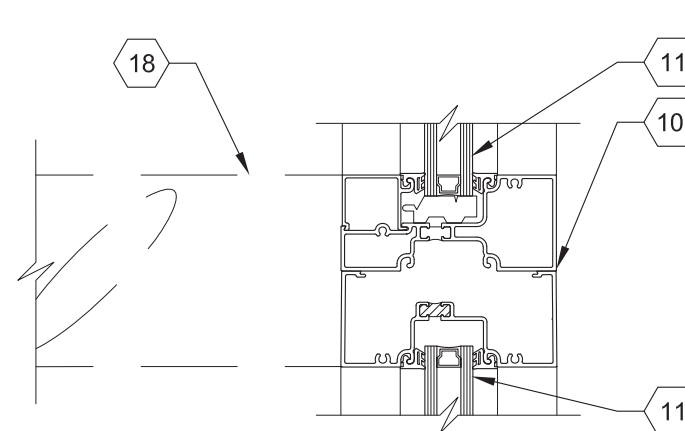
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MARK	DATE	DESCRIPTION

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PSFA JOB NO.: P19-010
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SHEET TITLE

DETAILS-
DOOR +
WINDOW

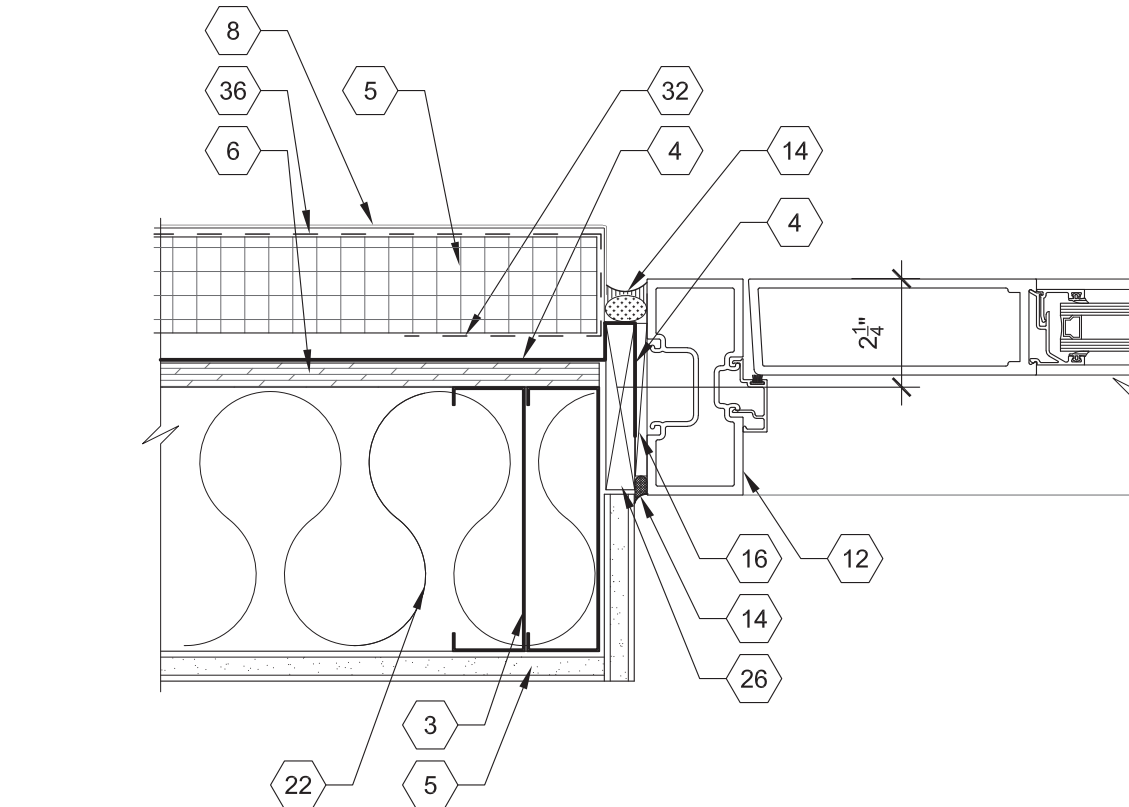
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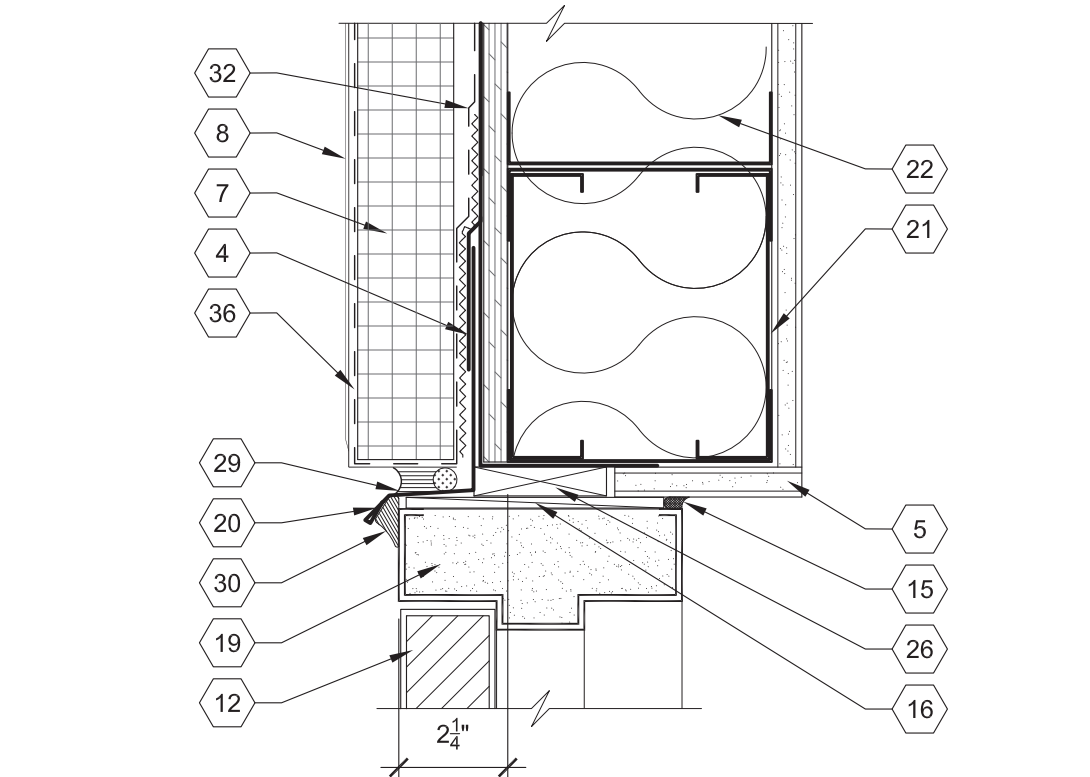
D1 DETAIL - HORIZONTAL
SCALE: 3" = 1'-0"

D2 NOT USED

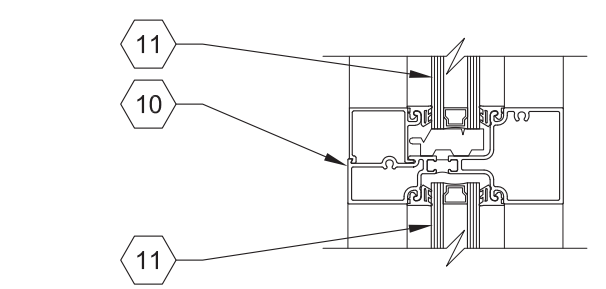


D3 DETAIL - DOOR JAMB
SCALE: 3" = 1'-0"

D4 NOT USED

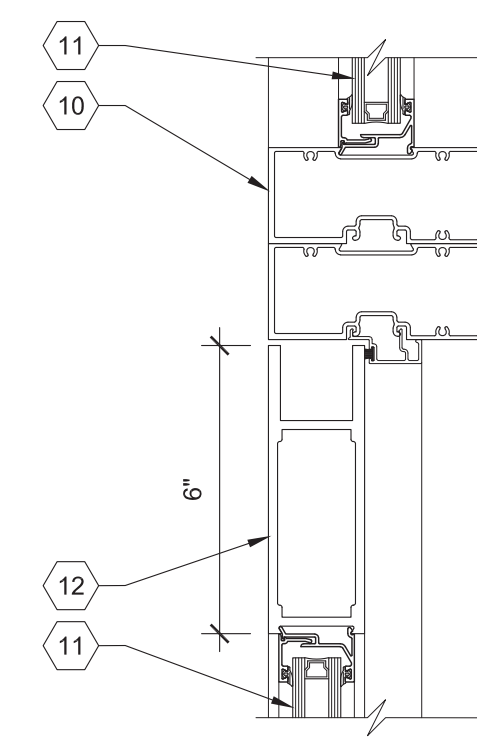


D5 DETAIL - HM DOOR HEAD
SCALE: 3" = 1'-0"

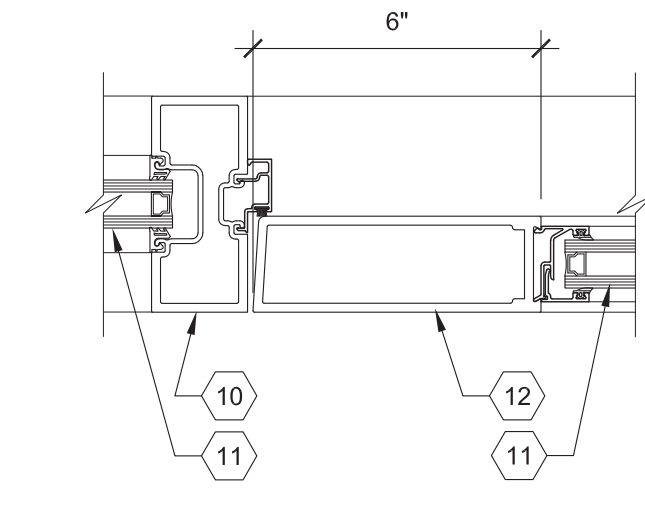


C1 DETAIL - HORIZONTAL
SCALE: 3" = 1'-0"

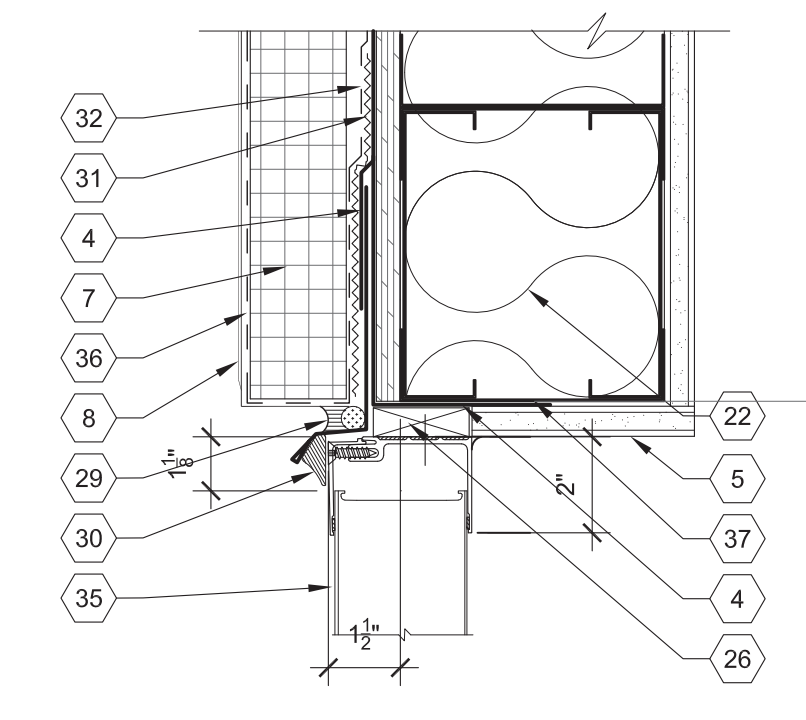
C2 DETAIL - TOP RAIL
SCALE: 3" = 1'-0"



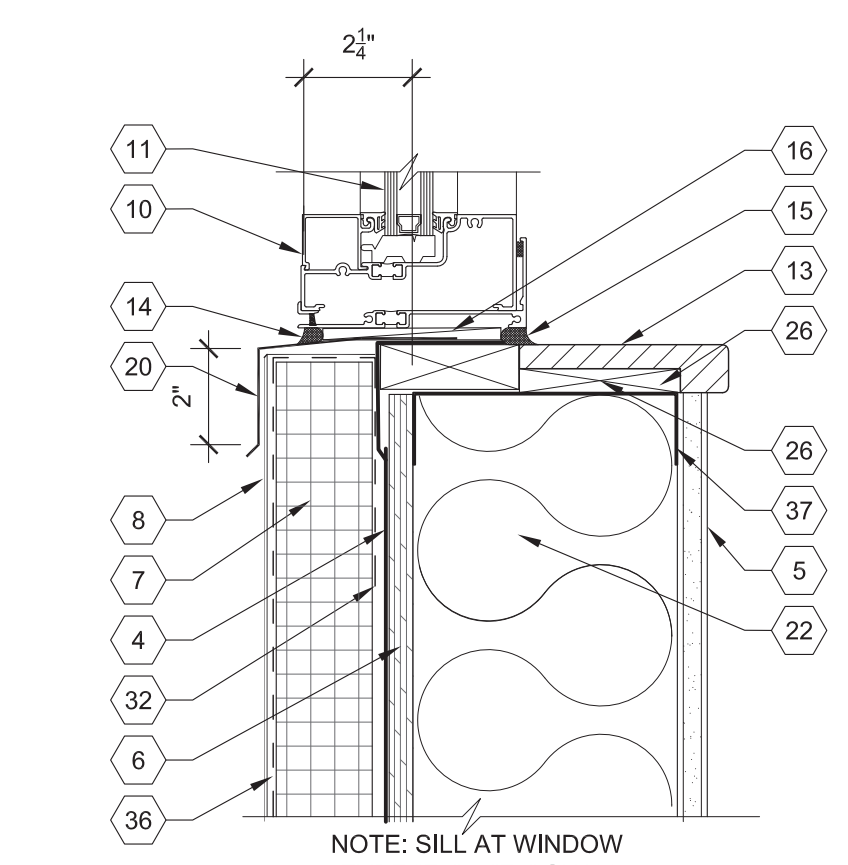
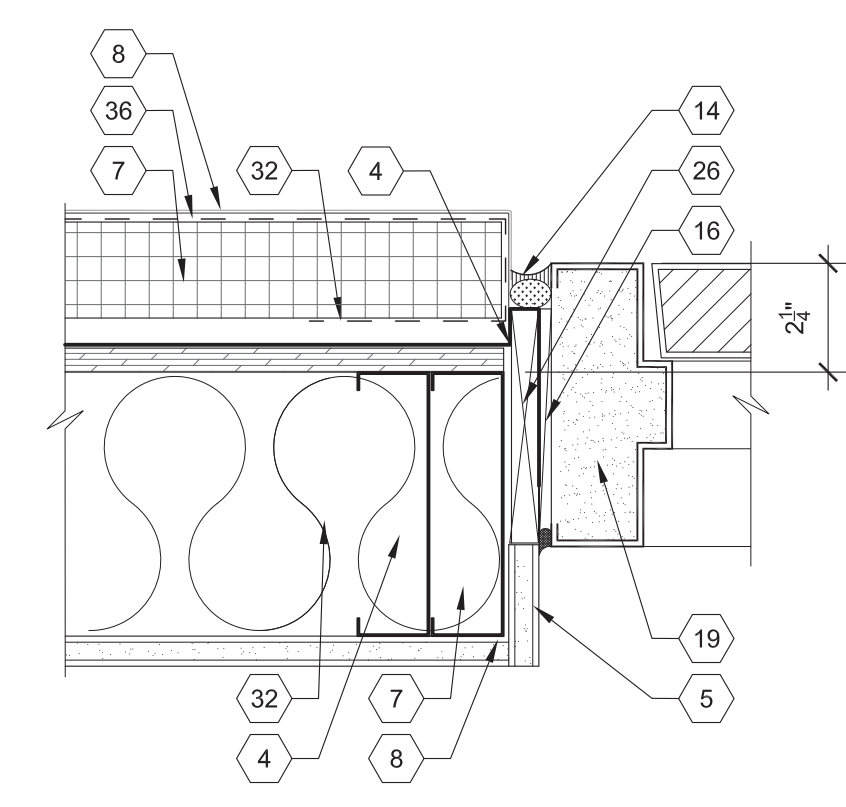
C3 DETAIL - DOOR JAMB / SIDELITE
SCALE: 3" = 1'-0"



C4 DETAIL - HEAD
SCALE: 3" = 1'-0"

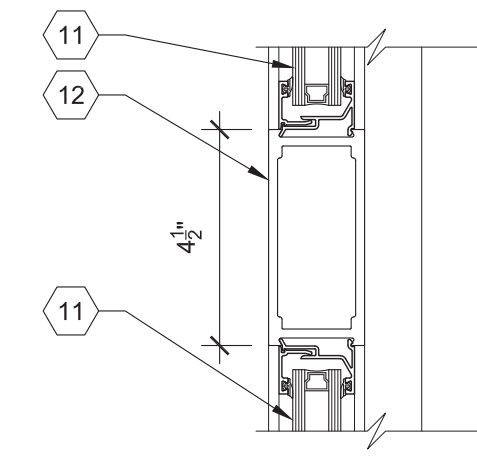


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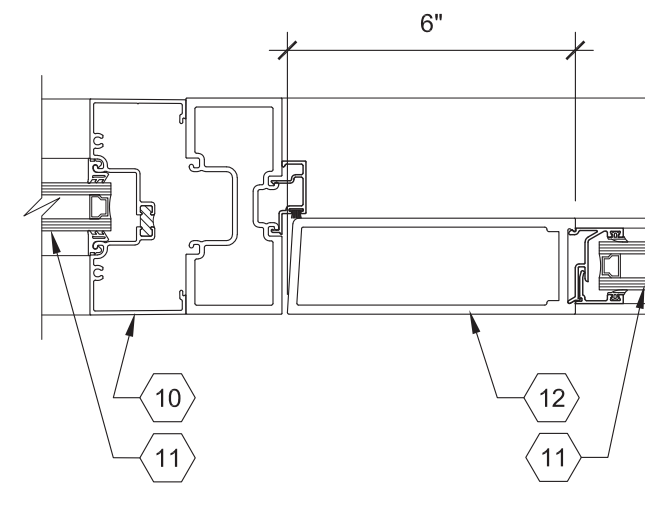


B1 DETAIL - SILL
SCALE: 3" = 1'-0"

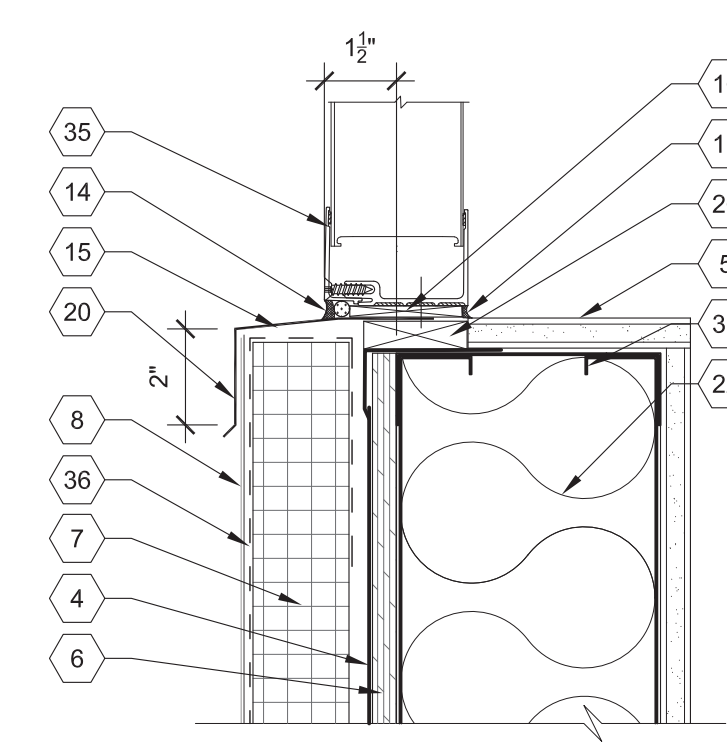
B2 DETAIL - MIDRAIL
SCALE: 3" = 1'-0"



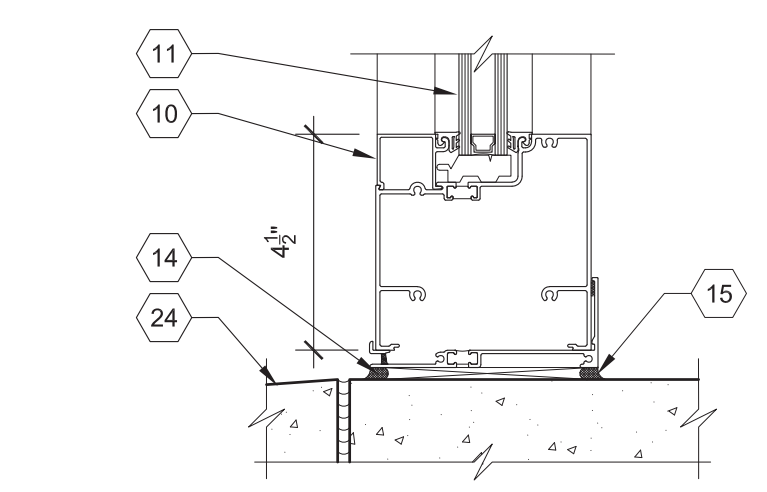
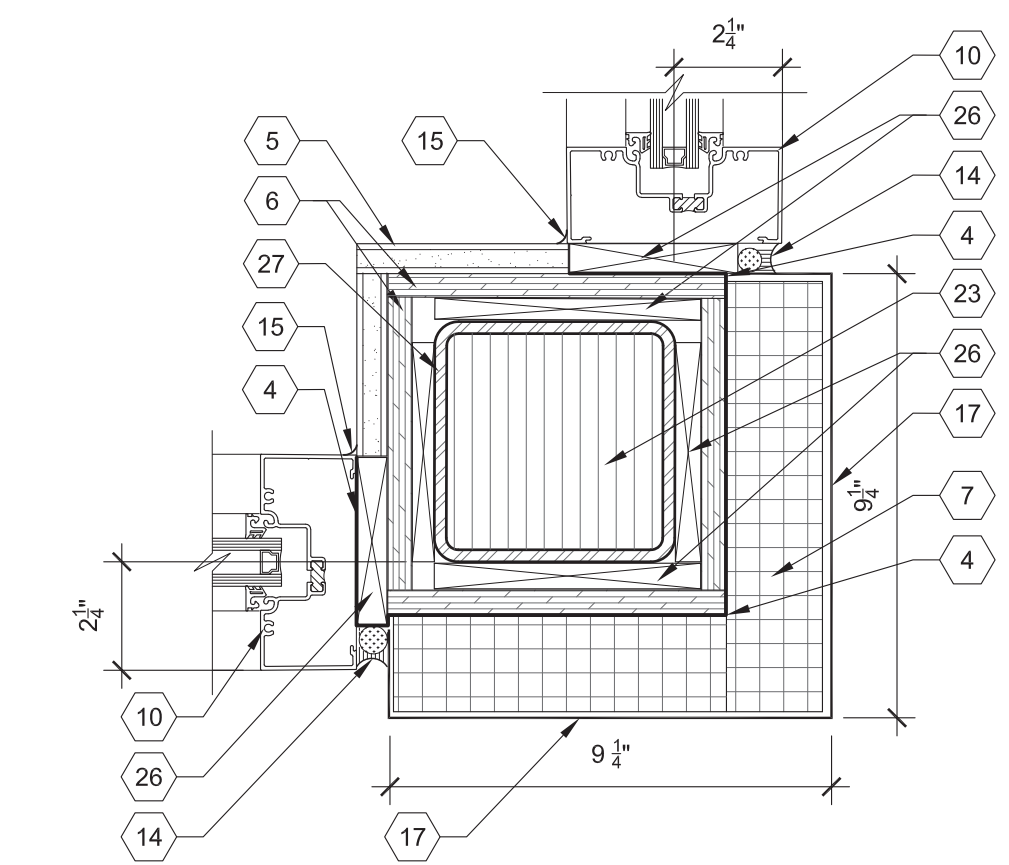
B3 DETAIL - DOOR JAMB / SIDELITE
SCALE: 3" = 1'-0"



B4 DETAIL - SILL
SCALE: 3" = 1'-0"

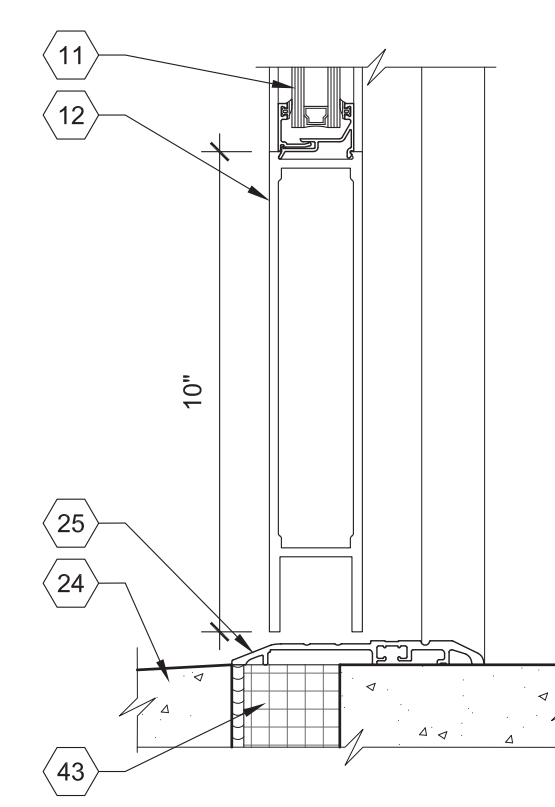


B5 DETAIL - JAMB/ CORNER
SCALE: 3" = 1'-0"

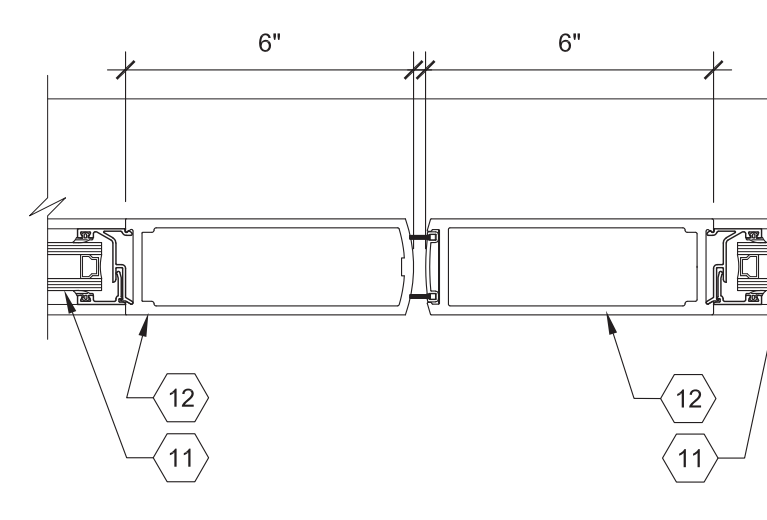


A1 DETAIL - SILL AT SLAB
SCALE: 3" = 1'-0"

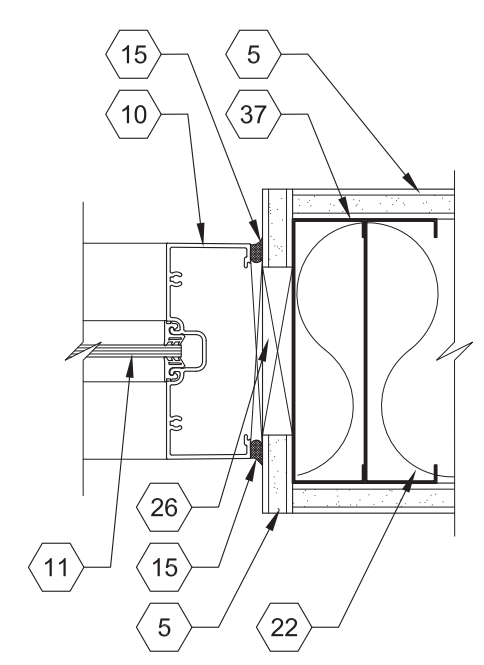
A2 DETAIL - BOTTOM RAIL
SCALE: 3" = 1'-0"



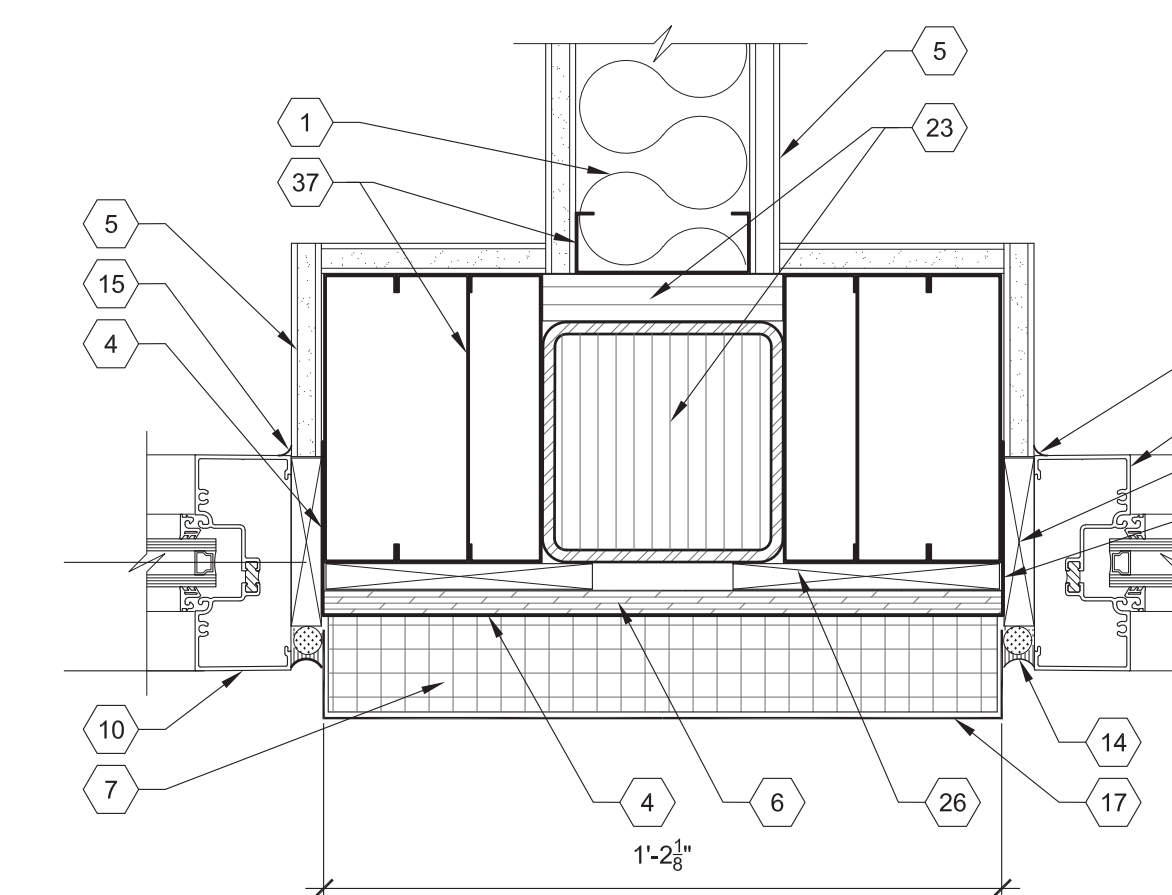
A3 DETAIL - MEETING STILES
SCALE: 3" = 1'-0"



A4 DETAIL - INTERIOR JAMB
SCALE: 3" = 1'-0"



A5 DETAIL - JAMB / COLUMN
SCALE: 3" = 1'-0"

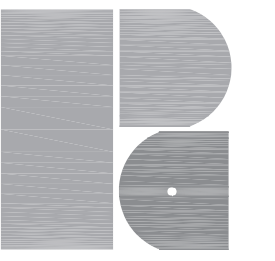


GENERAL NOTES

- A. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS
- B. DIMENSIONS ARE TO FACE OF STUD OR FACE OF CONCRETE BLOCK, UNLESS NOTED OTHERWISE.

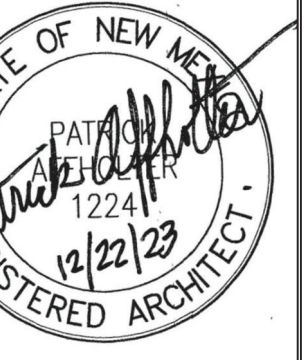
KEYED NOTES:

1. SOUND BATT INSULATION, CONTINUOUS TO DECK.
2. 3/8" STEEL STUDS.
3. 6" STEEL STUDS.
4. WATER RESISTIVE AND AIR BARRIER COATING.
5. 5/8" GYP BOARD.
6. FIRE TREATED 7/16" EXTERIOR GRADE PLYWOOD.
7. 2" RIGID POUISO INSULATION.
8. EIFS SYSTEM.
9. HOLLOW METAL FRAME AS SCHEDULED.
10. ALUMINUM FRAME AS SCHEDULED.
11. GLAZING AS SCHEDULED. SEE FRAME TYPES.
12. DOOR AS SCHEDULED.
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14. CLOSED CELL BACKER ROD AND ELASTOMERIC SEALANT.
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21. METAL STUD BOX HEADER.
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37. METAL STUDS AS SCHEDULED.
38. CMU. SEE STRUCTURAL.
39. MASONRY DOOR FRAME TIE.
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42. COILING DOOR GUIDE.
43. R-10 PERIMETER INSULATION.



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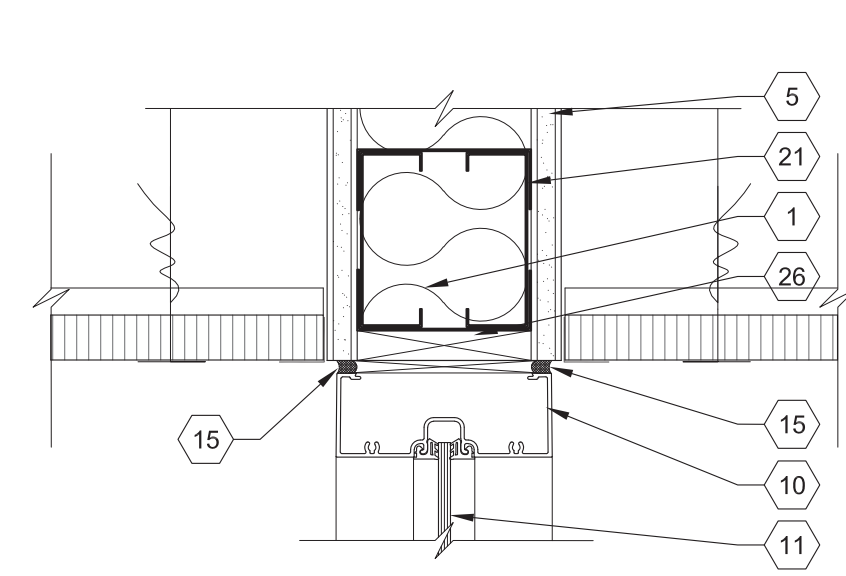
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MARK	DATE	DESCRIPTION

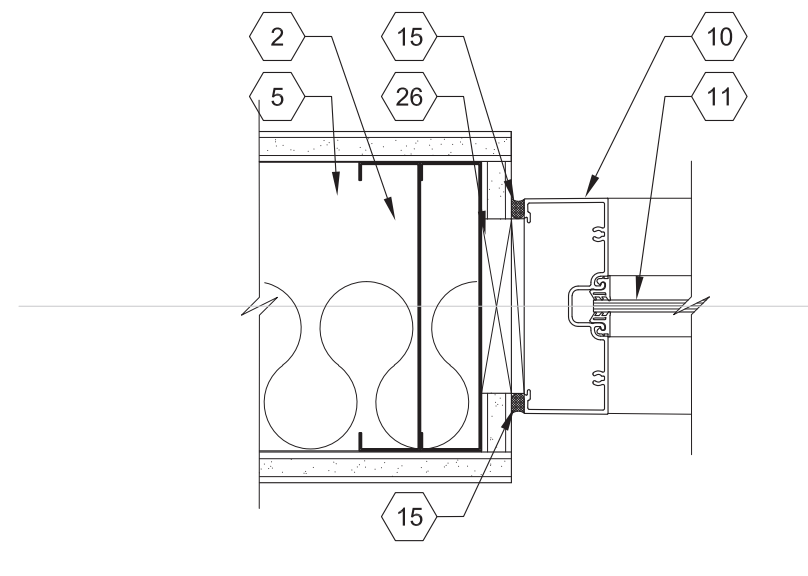
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SHEET TITLE

DETAILS-
DOOR+
WINDOW

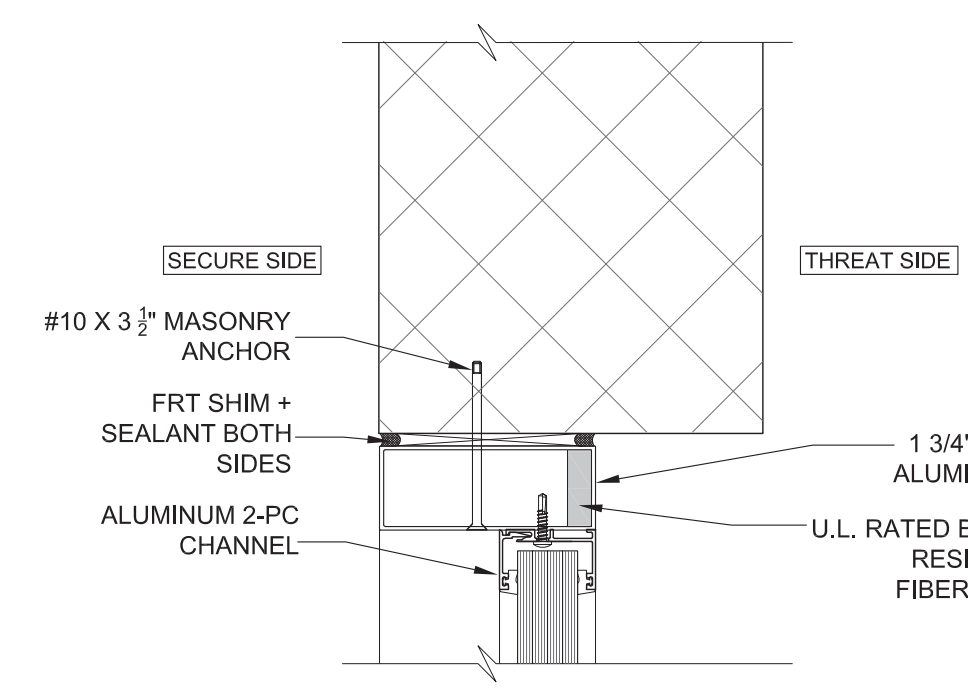
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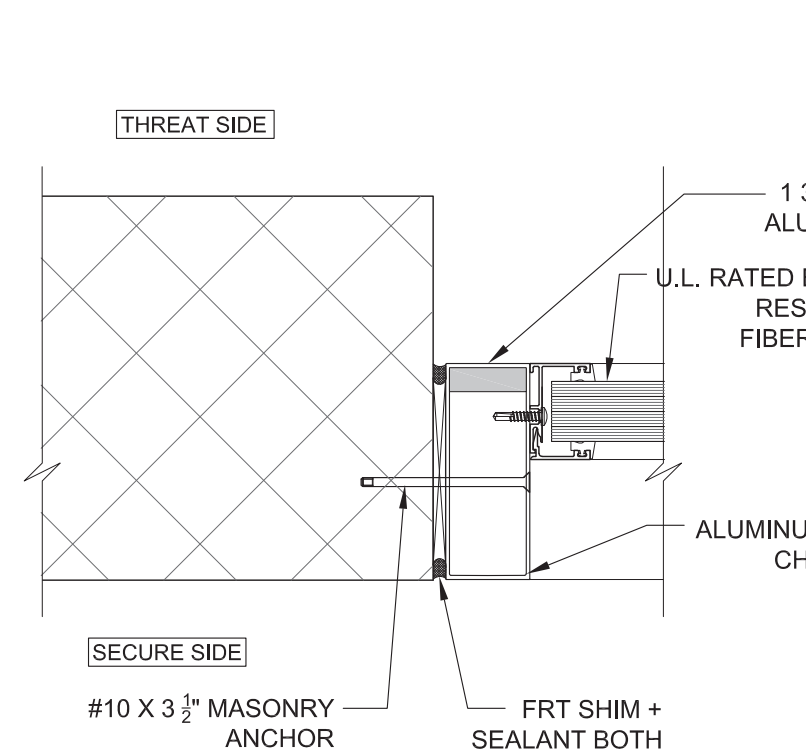
E1 DETAIL - HEAD
SCALE: 3" = 1'-0"
INTERIOR VESTIBULE



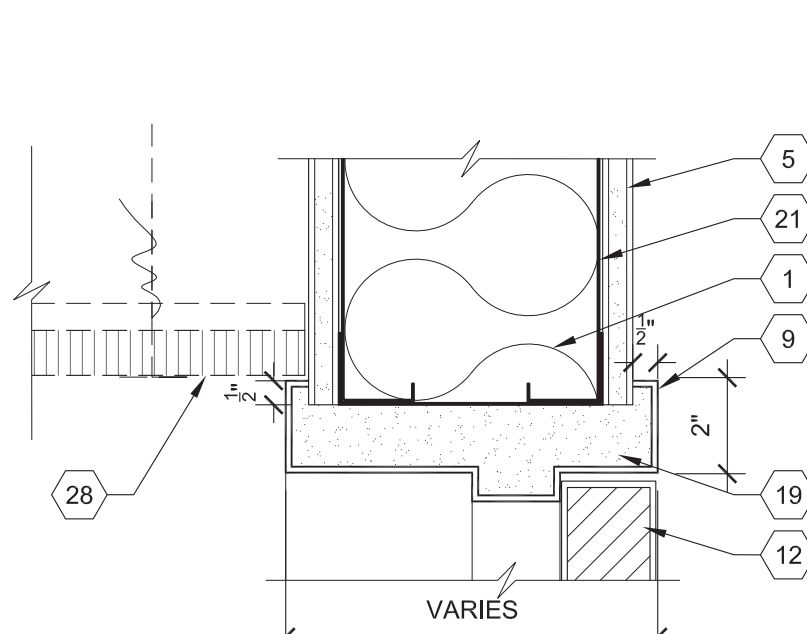
E2 DETAIL - JAMB
SCALE: 3" = 1'-0"
INTERIOR VESTIBULE



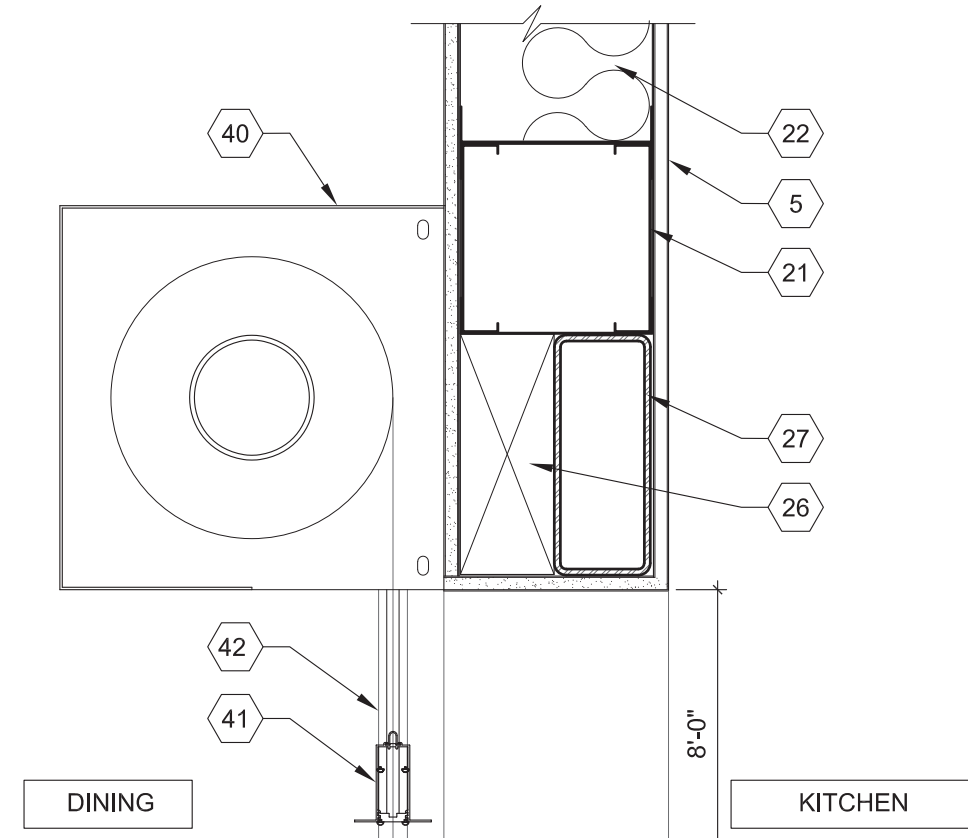
E3 DETAIL - BR HEAD
SCALE: 3" = 1'-0"
WAITING 300



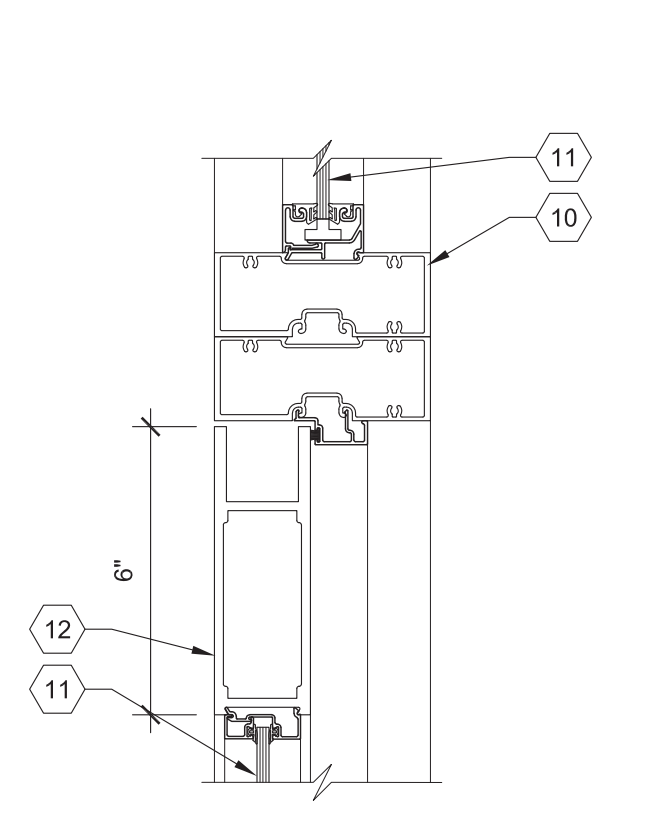
E4 DETAIL - BR JAMB
SCALE: 3" = 1'-0"
WAITING 300



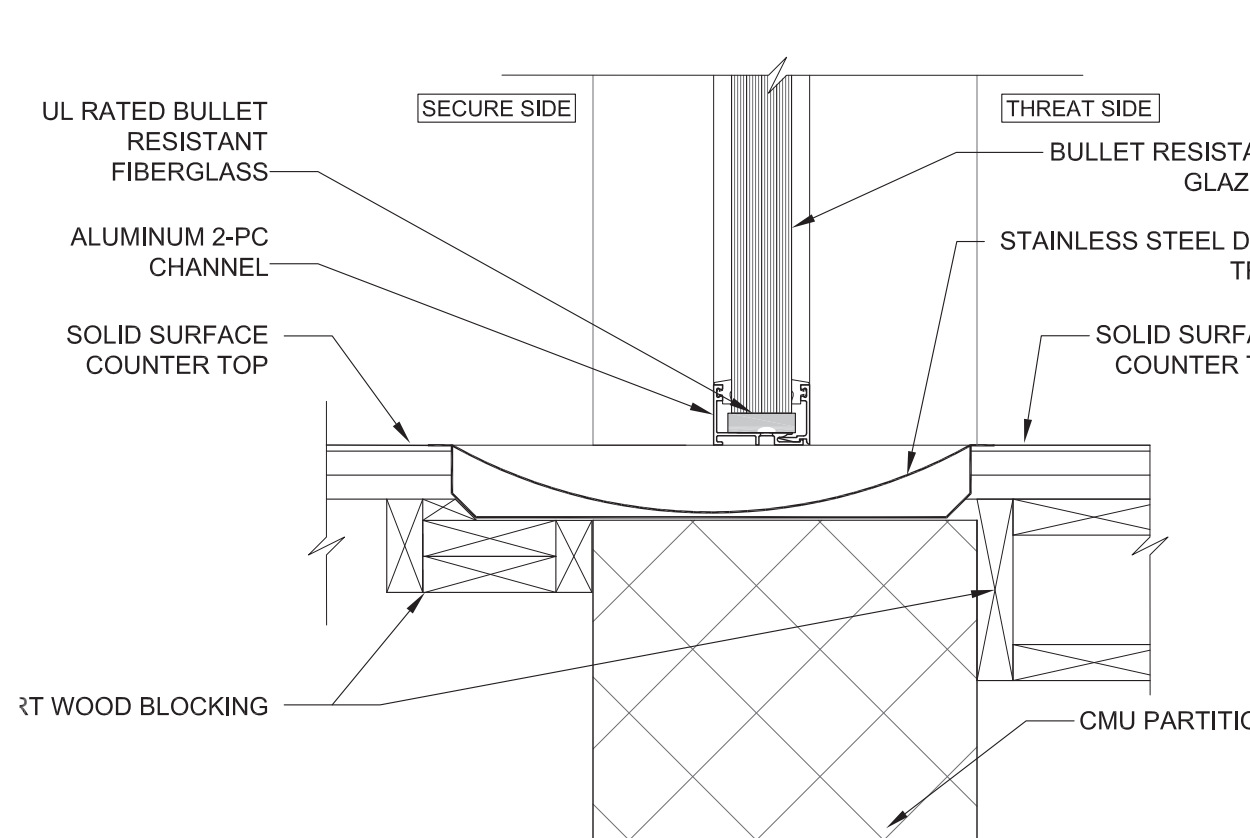
E5 DETAIL - HM DOOR HEAD
SCALE: 3" = 1'-0"



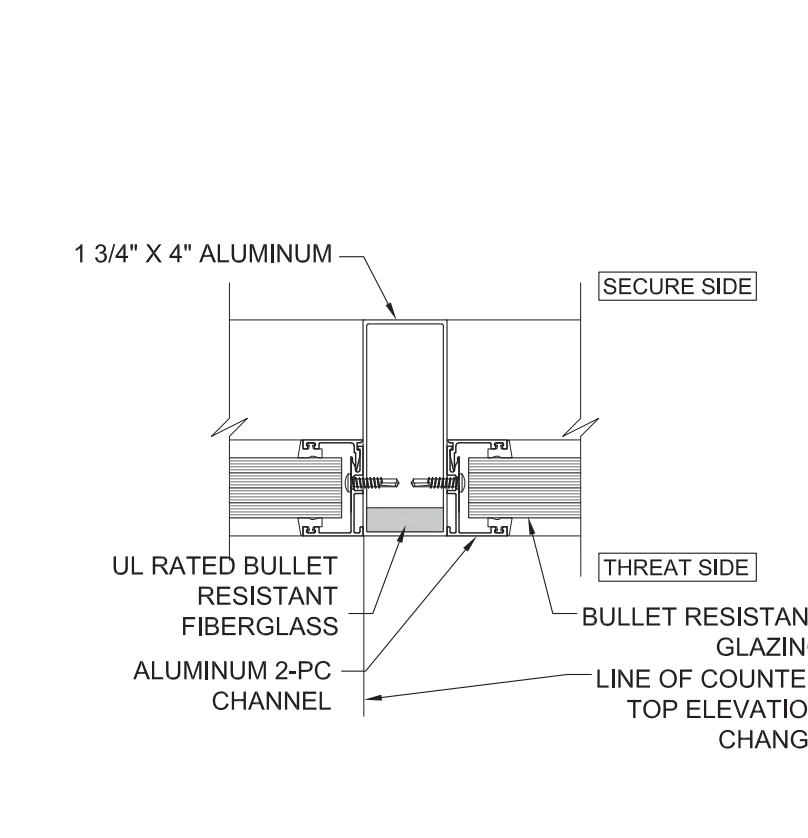
D1 DETAIL - COILING DOOR HEAD
SCALE: 1 1/2" = 1'-0"



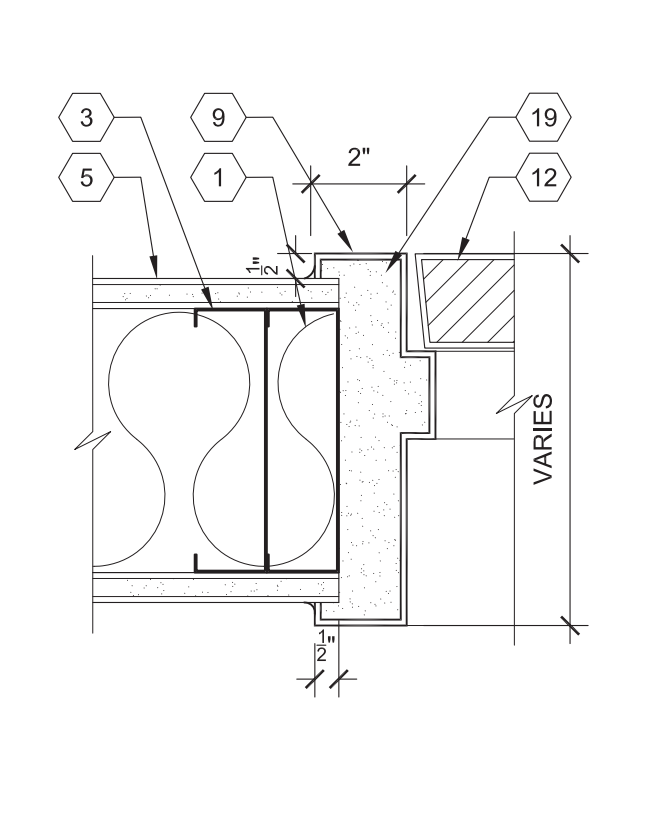
D2 DETAIL - TOP RAIL
SCALE: 3" = 1'-0"
INTERIOR VESTIBULE



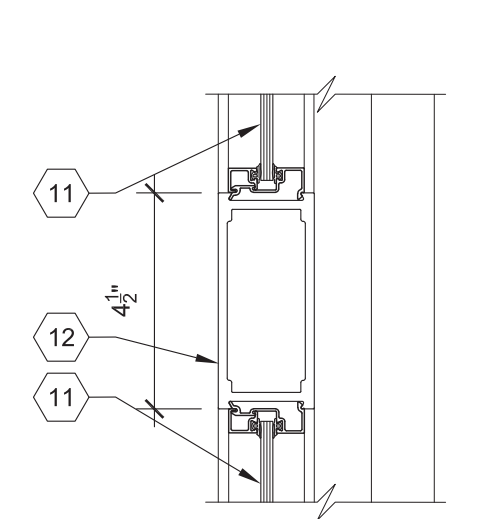
D3 DETAIL - BR SILL
SCALE: 3" = 1'-0"
WAITING 300



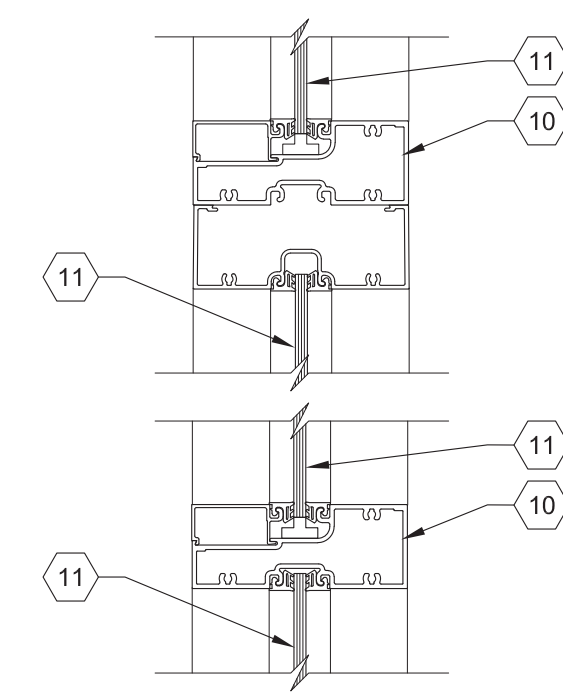
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SCALE: 3" = 1'-0"
WAITING 300



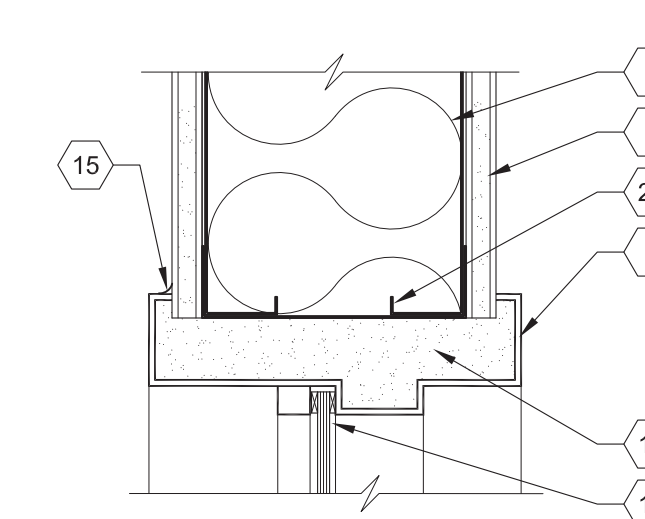
D5 DETAIL - HM DOOR JAMB
SCALE: 3" = 1'-0"



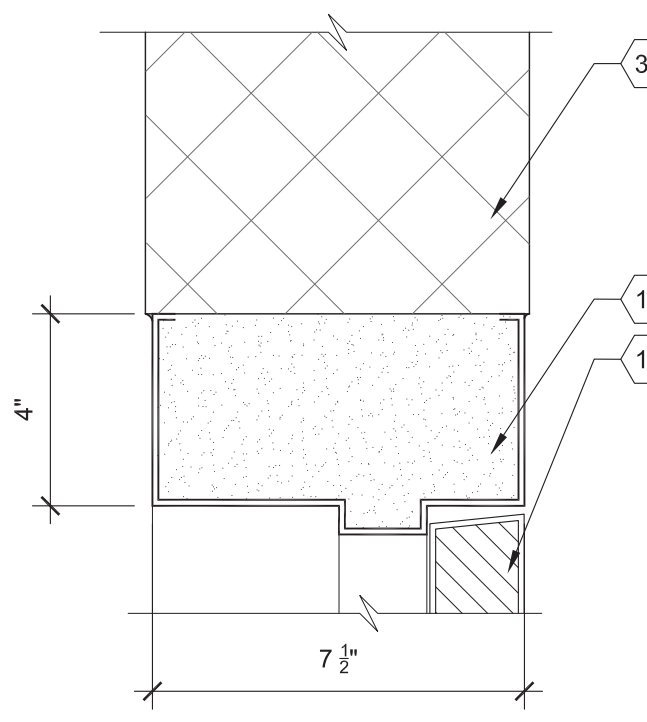
C2 DETAIL - MIDRAIL
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INTERIOR VESTIBULE



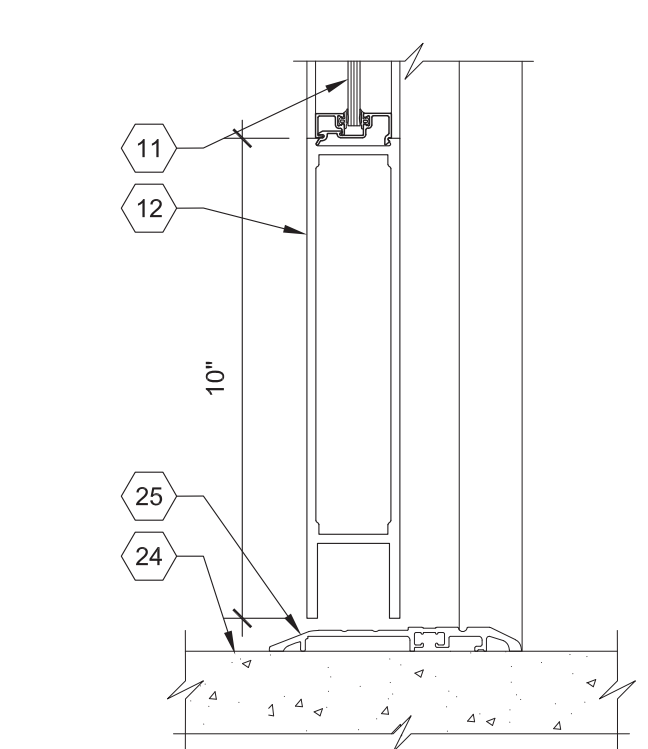
C3 DETAIL - HORIZONTAL MULLION
SCALE: 1 1/2" = 1'-0"
INTERIOR VESTIBULE



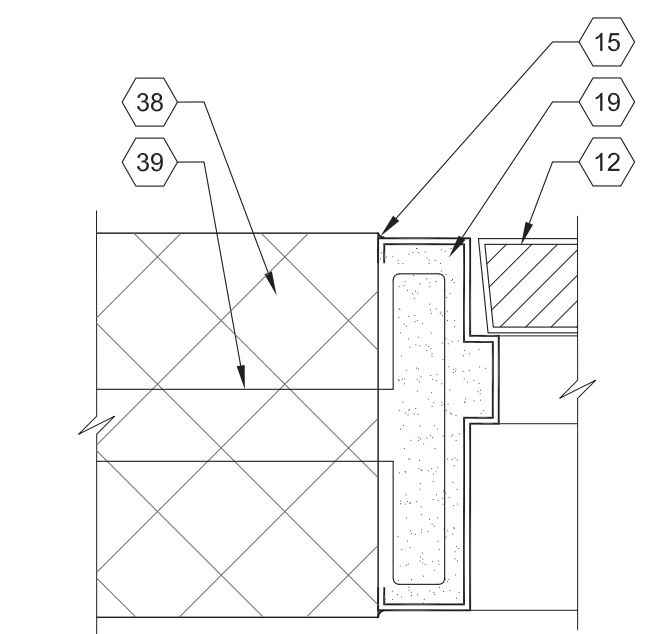
C4 DETAIL - HM HEAD
SCALE: 3" = 1'-0"



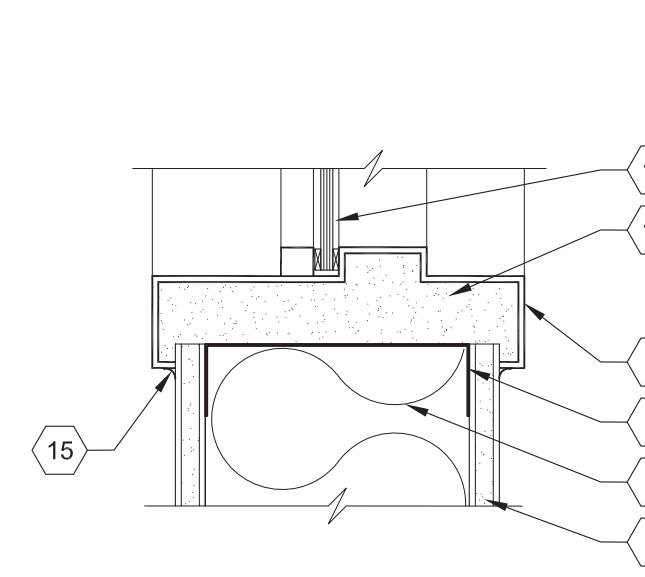
C5 DETAIL - HM DOOR HEAD
SCALE: 3" = 1'-0"



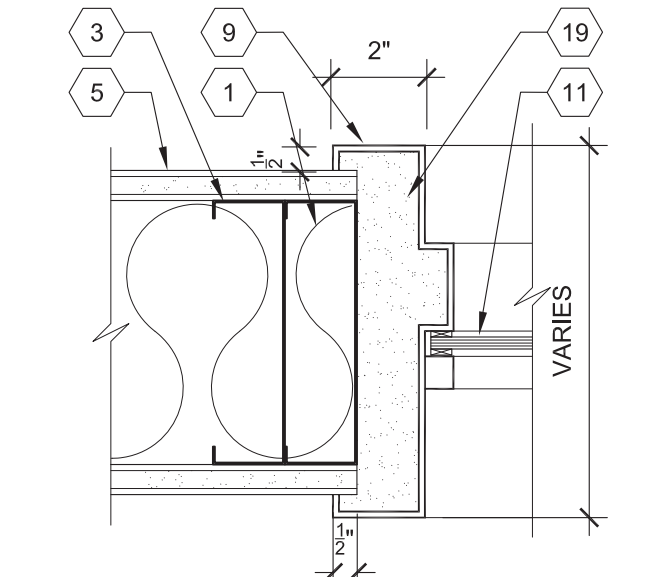
B2 DETAIL - BOTTOM RAIL
SCALE: 3" = 1'-0"
INTERIOR VESTIBULE



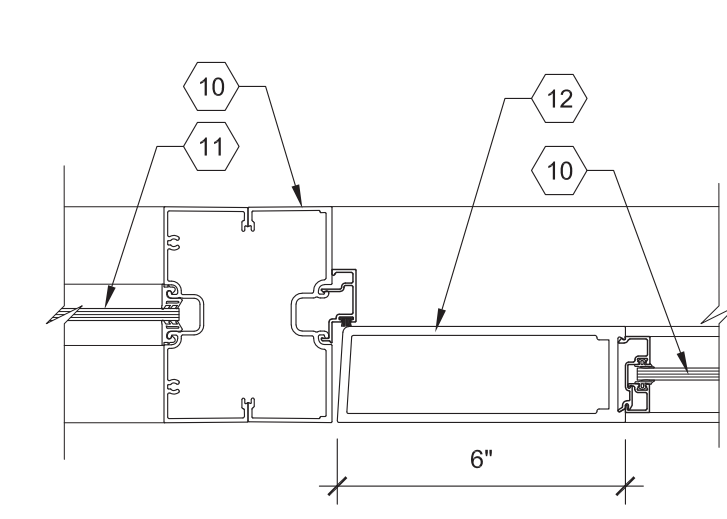
B3 DETAIL - HM DOOR JAMB
SCALE: 1 1/2" = 1'-0"



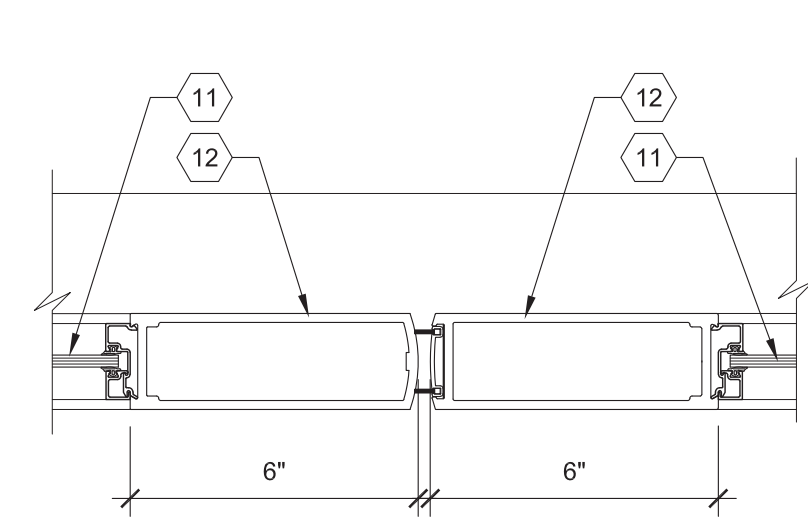
B4 DETAIL - HM SILL
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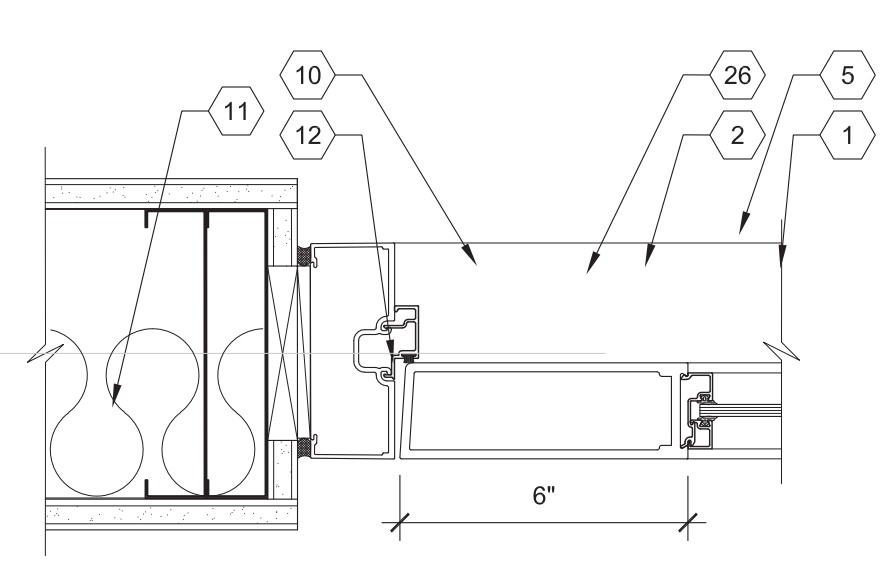
B5 DETAIL - HM JAMB
SCALE: 3" = 1'-0"



A2 DETAIL - DOOR JAMB / SIDELITE
SCALE: 3" = 1'-0"
INTERIOR VESTIBULE



A3 DETAIL - MEETING STILES
SCALE: 3" = 1'-0"
INTERIOR VESTIBULE



A4 DETAIL - DOOR JAMB
SCALE: 3" = 1'-0"
INTERIOR VESTIBULE

A1 NOT USED

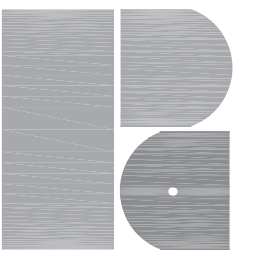
A5 DETAIL - NOT USED
SCALE: 3" = 1'-0"

ROOM FINISH SCHEDULE									
NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING	NOTES
				NORTH	EAST	SOUTH	WEST		
100	HALL	POL CONC	RB	PT	PT	PT	PT	ACT1	
101	CUSTODIAL	EPT	RB	PT	PT	PT	PT	PT	FRP PANELS AT MOP SINK
102	COUSELOR	CPT	RB	PT	PT	PT	PT	ACT2	
103	WOMEN	BESF	BESF	TILE	TILE	TILE	TILE	PT	
104	TESTING/ DIAGNOSTIC	CPT	RB	PT	PT	PT	PT	ACT2	
105	MEN	BESF	BESF	TILE	TILE	TILE	TILE	PT	
106	ELECTRICAL	EPT	RB	PT	PT	PT	PT	PT	
107	STEM CLASSROOM	POL CONC	RB	PT	PT	PT	PT	ACT2	
108	IDF	EPT	RB	PT	PT	PT	PT	PT	
109	CLASSROOM	POL CONC	RB	PT	PT	PT	PT	ACT2	
110	CLASSROOM	POL CONC	RB	PT	PT	PT	PT	ACT2	
111	CLASSROOM	POL CONC	RB	PT	PT	PT	PT	ACT2	
112	CLASSROOM	POL CONC	RB	PT	PT	PT	PT	ACT2	
113	CLASSROOM	POL CONC	RB	PT	PT	PT	PT	ACT2	
114	CLASSROOM	POL CONC	RB	PT	PT	PT	PT	ACT2	
115	CLASSROOM	POL CONC	RB	PT	PT	PT	PT	ACT2	
116	CLASSROOM	POL CONC	RB	PT	PT	PT	PT	ACT2	
117	CLASSROOM	POL CONC	RB	PT	PT	PT	PT	ACT2	
118	CLASSROOM	POL CONC	RB	PT	PT	PT	PT	ACT2	
120	CLASSROOM	POL CONC	RB	PT	PT	PT	PT	ACT2	
200	HALL	POL CONC	RB	PT	PT	PT	PT	ACT1/ PT	
200A	HALL	POL CONC	RB	PT	PT	PT	PT	ACT1/ PT	
201	STORAGE/CUSTODIAL	EPT	RB	PT	PT	PT	PT	PT	FRP PANELS AT MOP SINK
202	BOYS'	BESF	BESF	TILE	TILE	TILE	TILE	PT	
203	IT OFFICE	POL CONC	RB	PT	PT	PT	PT	PT	
204	GIRLS'	BESF	BESF	TILE	TILE	TILE	TILE	PT	
205	OT/ PT CLASSROOM	POL CONC	RB	PT	PT	PT	PT	ACT2	
205A	OT/ PT OFFICE	POL CONC	RB	PT	PT	PT	PT	ACT2	
206	KINDERGARTEN CLASSROOM	POL CONC	RB	PT	PT	PT	PT	SWGCS/ PT/ ACT2	
206A	CLOSET	POL CONC	RB	PT	PT	PT	PT	ACT2	
206B	RESTROOM	BESF	BESF	TILE	TILE	TILE	TILE	PT	
207	SOCIAL WORKER	POL CONC	RB	PT	PT	PT	PT	ACT2	
208	KINDERGARTEN CLASSROOM	POL CONC	RB	PT	PT	PT	PT	SWGCS/ PT	
208A	CLOSET	POL CONC	RB	PT	PT	PT	PT	ACT2	
208B	RESTROOM	BESF	BESF	TILE	TILE	TILE	TILE	PT	
209	BILINGUAL/ELD	POL CONC	RB	PT	PT	PT	PT	ACT2	
210	KINDERGARTEN CLASSROOM	POL CONC	RB	PT	PT	PT	PT	SWGCS/ PT	
210A	CLOSET	POL CONC	RB	PT	PT	PT	PT	ACT2	
210B	RESTROOM	BESF	BESF	TILE	TILE	TILE	TILE	PT	
211	SPEECH/ LANGUAGE THERAPY	POL CONC	RB	PT	PT	PT	PT	ACT2	
213	READING INTERVENTION	POL CONC	RB	PT	PT	PT	PT	ACT2	
300	WAITING	POL CONC	RB	S	S	PT	S	SWGCS/ PT	
301	CONFERENCE/ IEP	POL CONC	RB	PT	PT	S	PT	SWGCS/ PT	
302	SECRETARY	CPT	RB	PT	PT	PT	PT	ACT2	
303	COTS/ STUDENT HEALTH ROOM	POL CONC	RB	PT	PT	PT	PT	ACT2	
303A	RESTROOM	BESF	BESF	TILE	TILE	TILE	TILE	PT	
304	PRINCIPAL	CPT	RB	PT	PT	PT	PT	ACT2	
305	NURSE'S OFFICE	POL CONC	RB	PT	PT	PT	PT	ACT2	
306	FILES	EPT	RB	PT	PT	PT	PT	PT	
307	MEN	BESF	BESF	TILE	TILE	TILE	TILE	PT	
308	STAFF LOUNGE	POL CONC	RB	PT	PT	PT	PT	ACT2	
309	WOMEN	BESF	BESF	TILE	TILE	TILE	TILE	PT	
310	WORK ROOM	POL CONC	RB	PT	PT	PT	PT	ACT2	
311A	HALL	POL CONC	RB	PT	PT	PT	PT	ACT1	
311B	HALL	POL CONC	RB	PT	PT	PT	PT	ACT1	
311C	HALL	POL CONC	RB	PT	PT	PT	PT	ACT1	
312	SECURITY ROOM	POL CONC	RB	PT	PT	PT	PT	ACT2	
313	LOBBY	POL CONC	RB	PT	PT	PT	PT	ACT3	
314	STORAGE	EPT	RB	PT	PT	PT	PT	PT	
316	VESTIBULE	POL CONC/ WOM	RB	PT	PT	PT	PT	PT	
400A	HALL	POL CONC	RB	PT	PT	PT	PT	ACT1	
400B	HALL	POL CONC	RB	PT	PT	PT	PT	ACT1	
400C	HALL	POL CONC	RB	PT	PT	PT	PT	ACT1	
400D	HALL	POL CONC	RB	PT	PT	PT	PT	ACT1	
401	IEP SPECIALIST	POL CONC	RB	PT	PT	PT	PT	ACT2	
402	LINC CLASSROOM	POL CONC	RB	PT	PT	PT	PT	ACT2	
402A	LINC STORAGE	EPT	RB	PT	PT	PT	PT	ACT2	
402B	RESTROOM/ SHOWER	BESF	BESF	TILE	TILE	TILE	TILE	PT	
402C	LAUNDRY ROOM	BESF	BESF	PT	PT	PT	PT	PT	
403	MDF	EPT	RB	PT	PT	PT	PT	PT	
404	BOYS'	BESF	BESF	TILE	TILE	TILE	TILE	PT	
405	STOCK ROOM	EPT	RB	PT	PT	PT	PT	ACT2	
406	GIRLS'	BESF	BESF	TILE	TILE	TILE	TILE	PT	
407	MEDIA CENTER	CPT	RB	PT	PT	PT	PT	ACT2/ PT	
407A	BOOK CIRCULATION DESK	CPT	RB	PT	PT	PT	PT	ACT2	
407B	BOOK STACKS	CPT	RB	PT	PT	PT	PT	SWGCS/ PT	
407C	READING	CPT	RB	PT	PT	PT	PT	SWGCS/ PT	
408	WOMEN	BESF	BESF	TILE	TILE	TILE	TILE	PT	
409	TEXT BOOK ROOM	POL CONC	RB	PT	PT	PT	PT	ACT2	
410	STORAGE/ CUSTODIAL	EPT	RB	PT	PT	PT	PT	PT	FRP PANELS AT MOP SINK
411	ELECTRICAL	EPT	RB	PT	PT	PT	PT	PT	
412	MEN	BESF	BESF	TILE	TILE	TILE	TILE	PT	
414	MULTIUSE	RAF	RB	PT	PT	PT	PT	PT	
414A	PE OFFICE	POL CONC	RB	PT	PT	PT	PT	PT	
414B	PE STORAGE	POL CONC	RB	PT	PT	PT	PT	PT	
415	STUDENT DINING	POL CONC	RB	PT	PT	PT	PT	PT	
415A	CHAIR + TABLE STORAGE	EPT	RB	PT	PT	PT	PT	PT	
415D	STORAGE	EPT	RB	PT	PT	PT	PT	PT	
416	WARMING KITCHEN	BESF	BESF	FRP	FRP	FRP	FRP	ACT3	
416A	LOCKERS	BESF	BESF	PT	PT	PT	PT	PT	FRP PANELS AT MOP SINK
416B	RESTROOM	BESF	BESF	TILE	TILE	TILE	TILE	PT	
417	PLAY EQUIPMENT STORAGE	EPT	RB	PT	PT	PT	PT	PT	
418	CUSTODIAL/ STOR/ MAINT OFFICE/RECEIVING	EPT	RB	PT	PT	PT	PT	PT	

GENERAL NOTES

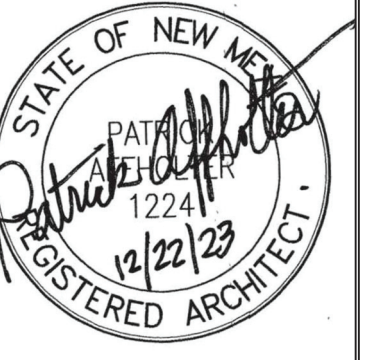
- ALL HALLS SHALL RECEIVE HIGH IMPACT GYPSUM BOARD UP TO 4'-0" AFF ON THE HALL SIDE.
- MULTIUSE AND STUDENT DINING SHALL RECEIVE HIGH IMPACT GYPSUM BOARD UP TO 8'-0" AFF ON THE ROOM SIDE.
- IN THE WATER COOLER ALCOVES, ALL THREE WALLS SHALL RECEIVE TILE FLOOR TO CEILING.

MATERIAL KEY	
ACT1	ACOUSTIC CEILING TILE -TYPE 1
ACT2	ACOUSTIC CEILING TILE -TYPE 2
ACT3	ACOUSTIC CEILING TILE -TYPE 3
BESF	BROADCAST EPOXY FLOORING SYSTEM
CPT	CARPET TILES
EPT	EPOXY PAINT
FRP	FIBER REINFORCED PLASTIC (PANELS)
POL CONC	POLISHED CONCRETE
PT	PAINT
RB	RUBBER BASE
RAF	RESILIENT ATHLETIC FLOORING
S	SEALER
SWGCS	SUSPENDED WOOD GRILLE CEILING SYSTEM
TILE	TILE
WOM	WALK-OFF MAT



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SHEET TITLE

ROOM FINISH
SCHEDULE

SHEET NO.

A-601

DOOR SCHEDULE														
NO.	ROOM NAME	DOOR TYPE					FRAME TYPE							NOTES
		W	H	THICK	MATERIAL	EL.	FIRE RATE	MATERIAL	ELEV.	HEAD	JAMB	THRESHOLD	FIRE RATE	
100	HALL	PR 3'-0"	7'-0"	2"	AL	B	-	AL	A	E4/A-501-SIM	D1/A-501	A1/A-501	-	-
101	CUSTODIAL 101	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
102	COUNSELOR 102	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
103	WOMEN 103	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
104	TESTING/ DIAGNOSTIC 104	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
105	MEN 105	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
106	ELECTRICAL 106	3'-0"	7'-0"	1 3/4"	SC	C	45 MIN.	HM	G	E5/A-502	D5/A-502	-	45 MIN.	-
107	STEM CLASSROOM 107	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
108	IDF 108	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
109	CLASSROOM 109	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
110	LINC CLASSROOM 110	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
111	CLASSROOM 111	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
112	CLASSROOM 112	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
113	CLASSROOM 113	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
114	CLASSROOM 114	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
115	CLASSROOM 115	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
116	CLASSROOM 116	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
117	CLASSROOM 117	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
118	CLASSROOM 118	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
120	CLASSROOM 120	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
200	HALL 200	PR 3'-0"	7'-0"	2"	AL	B	-	AL	A	E4/A-501 SIM	A2/A-501	-	-	-
201	CUSTODIAL/ BULK STOR 201	PR 3'-0"	7'-0"	1 3/4"	SC	D	-	HM	G	E5/A-502	D5/A-502	-	-	-
202A	CHASE 202A	2'-0"	7'-0"	1 3/4"	HM	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
203	IT OFFICE 203	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
205	OT/ PT CLASSROOM 205	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
205A	OT/ PT OFFICE 205A	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
206	PRE-K 206	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
206A	CLOSET 206A	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
206B	RESTROOM 206B	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
206C	PRE-K 206	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
207	SOCIAL WORKER 207	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
208	KINDERGARTEN 208	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
208A	CLOSET 208A	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
208B	RESTROOM 208B	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
208C	KINDERGARTEN 208	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
209	BILINGUAL/ ELD 209	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
210	KINDERGARTEN 210	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
210A	CLOSET 210A	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
210B	RESTROOM 210B	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
211	SPLANG THERAPIST	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
213	READING INTERVENTION	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
300	WAITING 300	3'-0"	7'-0"	2"	AL	A	-	AL	C	E4/A-501	D3/A-501	A2/A-501	-	-
300A	WAITING 300	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	H	C3/A-502	B3/A-502	-	-	-
301	CONFERENCE/ IEP 300	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	H	C3/A-502	B3/A-502	-	-	-
301A	CONFERENCE/ IEP 300	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
302	SECRETARY 302	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
302A	SECRETARY 302	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
303	COT/ STUDENT HEALTH 303	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
303A	RESTROOM 303A	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
304	PRINCIPAL 304	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
305	NURSE'S OFFICE 305	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
305A	NURSE'S OFFICE 305	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
306	FILES 306	3'-0"	7'-0"	1 3/4"	SC	C	45 MIN.	HM	G	E5/A-502	D5/A-502	-	45 MIN.	-
307	MEN 307	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
308	STAFF LOUNGE 308	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-

DOOR SCHEDULE														
NO.	ROOM NAME	DOOR TYPE					FRAME TYPE							NOTES
		W	H	THICK	MATERIAL	EL.	FIRE RATE	MATERIAL	ELEV.	HEAD	JAMB	THRESHOLD	FIRE RATE	
310	WORK ROOM 310	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
312	SECURITY ROOM 312	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
313A	LOBBY 313	3'-0"	7'-0"	2"	AL	A	-	AL	E	E4/A-501	C3/A-501	A2/A-501	-	-
313B	LOBBY 313	3'-0"	7'-0"	2"	AL	A	-	AL	E	E4/A-501	C3/A-501	A2/A-501	-	-
314	STORAGE	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
316A	VESTIBULE 316	3'-0"	7'-0"	2"	AL	A	-	AL	B	E4/A-501	B3/C3/A-501	A2/A-501	-	-
316B	VESTIBULE 316	3'-0"	7'-0"	2"	AL	A	-	AL	B	E4/A-501	B3/A-501	A2/A-501	-	-
316C	VESTIBULE 316	3'-0"	7'-0"	2"	AL	A	-	AL	B	E4/A-501	B3/B3/A-501	A2/A-501	-	-
316D	VESTIBULE 316	3'-0"	7'-0"	2"	AL	A	-	AL	B	E1/A-502	A2+A4/A-502	B2/A-502	-	-
316E	VESTIBULE 316	3'-0"	7'-0"	2"	AL	A	-	AL	B	E1/A-502	A2+A4/A-502	B2/A-502	-	-
316F	VESTIBULE 316	3'-0"	7'-0"	2"	AL	A	-	AL	B	E1/A-502	A2+A4/A-502	B2/A-502	-	-
400A	HALL 400A	PR 3'-0"	7'-0"	1 3/4"	SC	D	-	HM	G	E5/A-502	A5/A-502	-	-	-
400	HALL 400D	PR 3'-0"	7'-0"	2"	AL	B	-	AL	A	E4/A-501	D3/A-501	A2/A-501	-	-
401	IEP SPECIALIST 401	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
402	LINC CLASSROOM 402	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
402A	LINC STORAGE 402A	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
402B	RESTRM + SHOWER 402B	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
402C	LAUNDRY 402C	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
403	MDF 403	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
404A	CHASE 404A	2'-0"	7'-0"	1 3/4"	HM	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
405	STOCK ROOM 405	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
407	MEDIA CENTER 407	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
407A	MEDIA CENTER 407	3'-0"	7'-0"	2"	AL	A	-	AL	D	E4/A-501	D3/A-501	A2/A-501	-	-
408	WOMEN 408	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
409	TEXT BOOK ROOM 409	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
410	STOR/ CUSTODIAL 410	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
411	ELECTRICAL 411	3'-0"	7'-0"	1 3/4"	SC	C	45 MIN.	HM	G	E5/A-502	D5/A-502	-	45 MIN.	-
412	MEN 412	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
414	MULTIUSE 414	PR 3'-0"	7'-0"	1 3/4"	SC	D	-	HM	G	E5/A-502	D5/A-502	-	-	-
414A	PE OFFICE 414A	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
414B	MULTIUSE 414	PR 3'-0"	7'-0"	1 3/4"	HM	D	-	HM	G	D5/A-501	C5/A-501	-	-	-
414C	MULTIUSE 414	PR 3'-0"	7'-0"	2"	AL	B	-	AL	A	E4/A-501	D3/A-501	A2/A-501	-	-
415	STUDENT DINING 415	PR 3'-0"	7'-0"	1 3/4"	SC	D	-	HM	G	E5/A-502	D5/A-502	-	-	-
415A	CHAIR + TABLE STOR 415A	PR 3'-0"	7'-0"	1 3/4"	SC	D	-	HM	G	E5/A-502	D5/A-502	-	-	-
415B	STUDENT DINING 415	PR 3'-0"	7'-0"	1 3/4"	HM	D	-	HM	G	D5/A-501	C5/A-501	-	-	-
415C	STUDENT DINING 415	PR 3'-0"	7'-0"	2"	AL	B	-	AL	A	E4/A-501	D4/A-501	A2/A-501	-	-
415D	STUDENT DINING 415	PR 3'-0"	7'-0"	1 3/4"	SC	D	-	HM	G	E5/A-502	D5/A-502	-	-	-
416	WARMING KITCHEN 416	3'-0"	7'-0"	1 3/4"	HM	C	-	HM	G	E5/A-502	D5/A-502	A2/A-501 SIM	-	-
416A	LOCKERS 416A	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
416B	WOMEN 416B	3'-0"	7'-0"	1 3/4"	SC	C	-	HM	G	E5/A-502	D5/A-502	-	-	-
416C	WARMING KITCHEN 416	3'-0"	7'-0"	1 3/4"	SC	E	-	HM	G	E5/A-502	D5/A-502	-	-	-
416D	WARMING KITCHEN 416	14'-0"	7'-0"	-	STEEL	OH-1	-	STEEL	-	D1/A-502	C1/A-502	-	-	OVERHEAD COILING DOOR
416E	WARMING KITCHEN 416	5'-0"	7'-0"	-	STEEL	OH-1	-	STEEL	-	B1/A-502	A1/A-502	-	-	OVERHEAD COILING DOOR
417	PLAY EQUIP STOR 417	PR 3'-0"	7'-0"	1 3/4"	HM	D	-	HM	G	D5/A-501	C5/A-501	-	-	-
418	CUST/ STOR/ MAIN OFFICE/ RECEIVING 418	PR 3'-0"	7'-0"	1 3/4"	HM	D	-	HM	G	D5/A-501	C5/A-501	A2/A-501 SIM	-	-
418A	CUST/ STOR/ MAIN OFFICE/ RECEIVING 418	PR 3'-0"	7'-0"	1 3/4"	SC	D	-	HM	G	E5/A-502	D5/A-502	-	-	-
419	FIRE RISER + MECH 419	3'-0"	7'-0"	1 3/4"	HM	C	-	HM	G	D				

GENERAL NOTES

- A. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
- B. SEE SPECIFICATIONS FOR HARDWARE SETS.
- C. SEE SPECIFICATIONS FOR GLAZING.

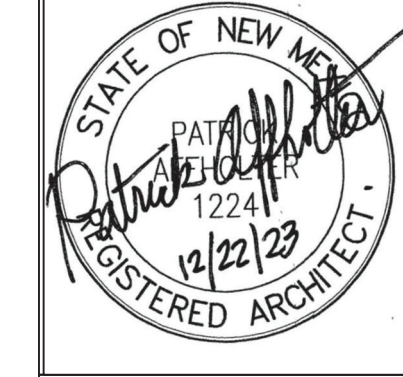
KEYED NOTES

- 1. BRAKE METAL COVER.
- 2. TYPE "D" GLAZING FOR INTERIOR DOORS, TYPICAL.
- 3. TYPE "A" GLAZING FOR EXTERIOR DOORS, TYPICAL.
- 4. STOREFRONT STANDARD SUNSHADE AS SPECIFIED.
- 5. APPLIED DECORATIVE FILM - SEE SIGNAGE SPECIFICATION

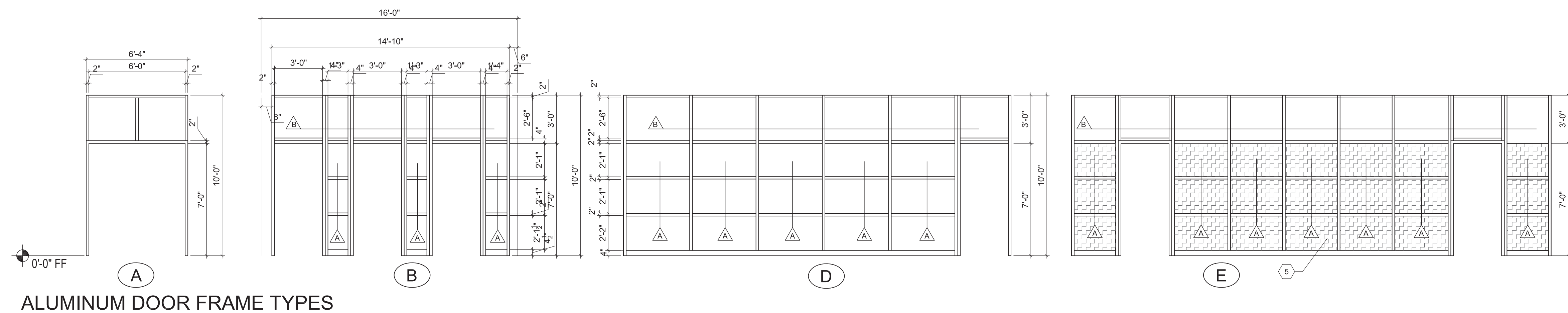
GLAZING SCHEDULE:

- A 1" INSULATED CLEAR LOW-E LAMINATED
- B 1" INSULATED CLEAR LOW-E ANNEALED
- C 1" INSULATED OBSCURE ANNEALED
- D 1/4" CLEAR LAMINATED
- E 1/4" CLEAR ANNEALED
- F BALLISTIC RESISTANT GLAZING
- G TRANSLUCENT WALL PANEL

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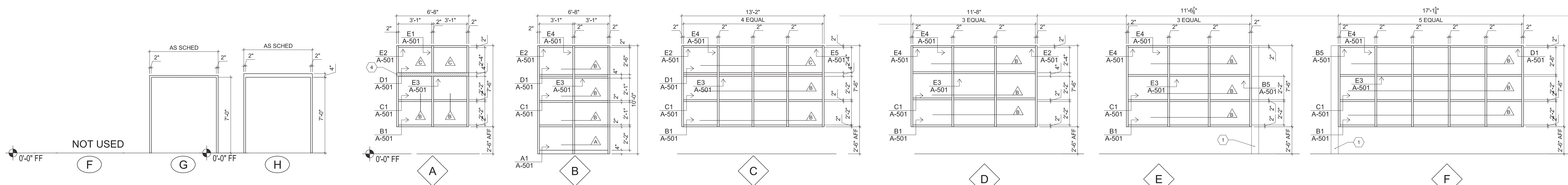


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ALUMINUM DOOR FRAME TYPES

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

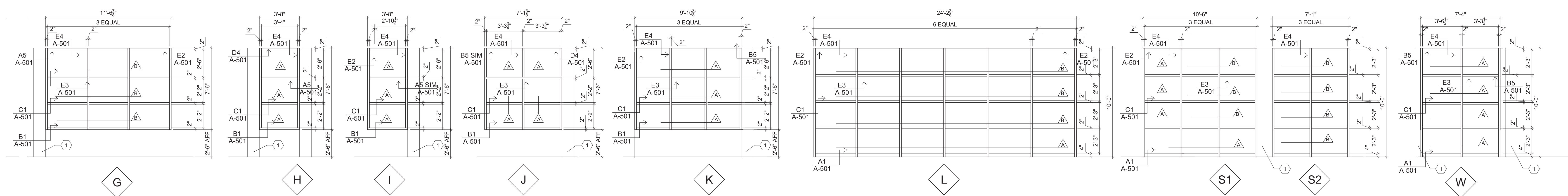


HM DOOR FRAME TYPES

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

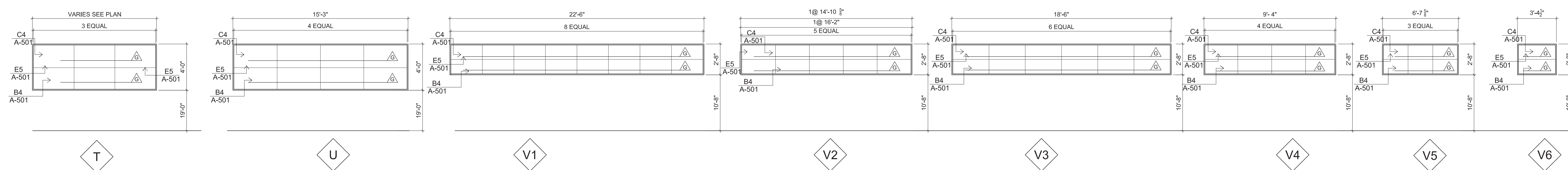
ALUMINUM WINDOW FRAME TYPES

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



ALUMINUM WINDOW FRAME TYPES

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



ALUMINUM WINDOW FRAME TYPES

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

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**DOOR FRAME
+ WINDOW
TYPES**

SHEET NO.

A-603

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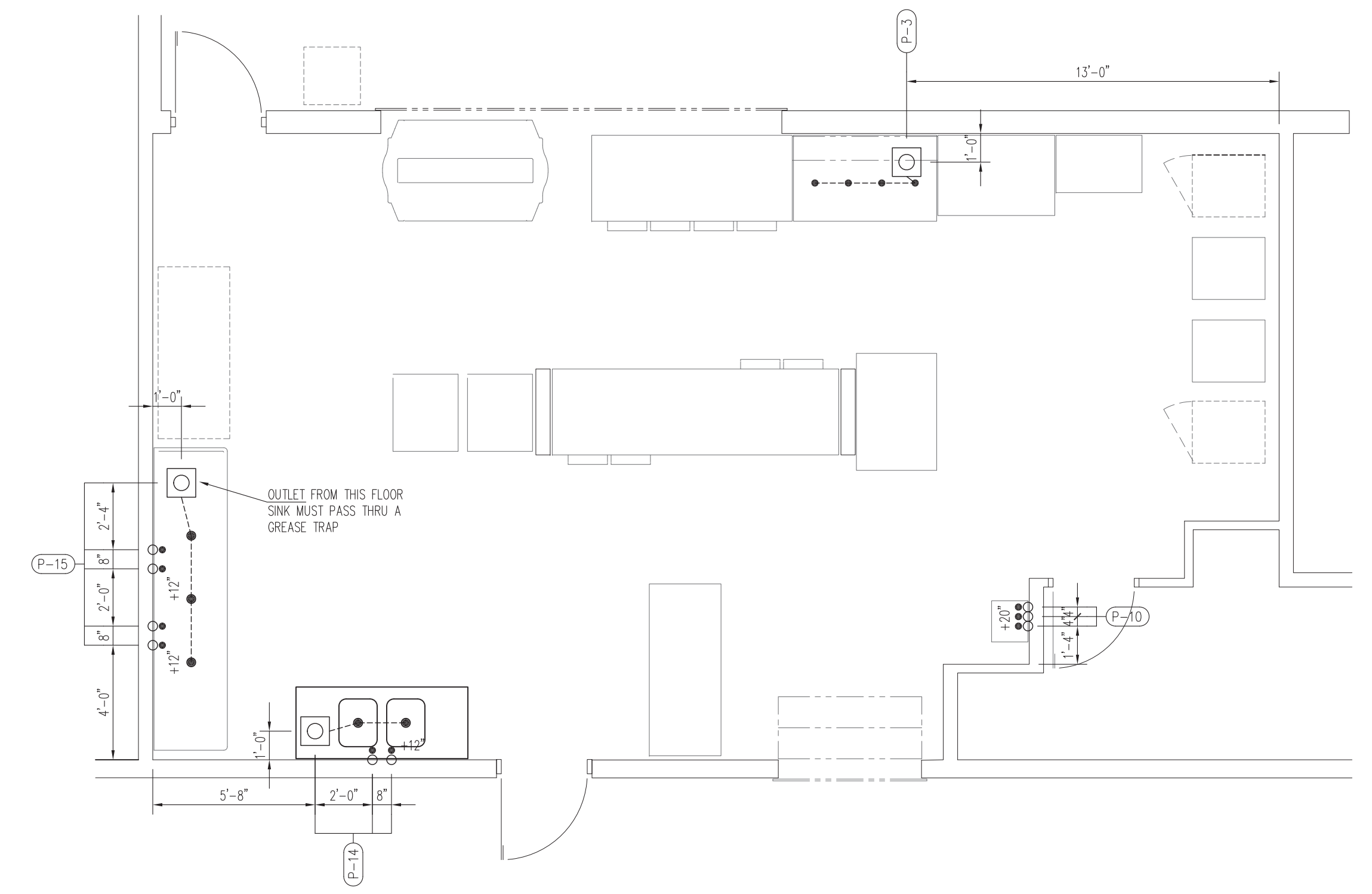


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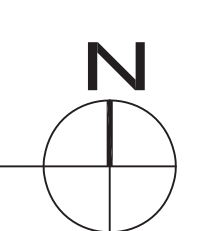
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PLUMBING SCHEDULE								
ITEM NO.	QNTY.	DESCRIPTION	HOT WATER	COLD WATER	INDIR. WASTE	DIRECT WASTE	GAS	Btu's
1	1	S/S COUNTER- CABINET						
2	2	MILK COOLERS						
3	1	HOT FOOD TABLE			3/4"			
4	1	S/S WORKTABLE						
5	1	SALAD BAR						
6		SPARE NUMBER						
7	2	REACH-IN REFRIGERATORS						
8	1	S/S WORKTABLE						
9	2	HEATED CABINETS						
10	1	S/S HAND SINK	1/2"	1/2"		1 1/2"		
11	1	FLY FAN						
12		SPARE NUMBER						
13	1	STORAGE SHELVING						
14	1	S/S WORKTABLE W/ SINKS	1/2"	1/2"	1 1/2"			
15	1	S/S 3-COMPARTMENT SINK	1/2"	1/2"	1 1/2"			

LEGEND	
○	POINT OF ROUGH-IN
●	POINT OF CONNECTION
⊕	GFD DUPLEX OUTLET (BY E.C.)
⊖	GFD SINGLE OUTLET (BY E.C.)
⚡	SWITCH (BY E.C.)
⚡	SHUNT-TBP BREAKER (BY E.C.)
—	HEAT WIRE (BY E.C.)
⊖	DATA OUTLET (BY E.C.)
⊖	SWITCH (BY K.E.C.)
⚡	ELECTRIC SOLENOID (BY K.E.C.)
⊖	PLUMBING SOLENOID (BY K.E.C.)
⊖	TIME CLOCK (BY K.E.C.)
○	FLOOR SINK
⊖	EXHAUST DUCT
⊖	SUPPLY DUCT
+48"	HEIGHT ABOVE FIN. FLOOR

A3 KITCHEN PLUMBING PLAN
SCALE: 1/4" = 1'-0"



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SHEET TITLE

**KITCHEN
PLUMBING
PLAN**

SHEET NO.

QFS-102



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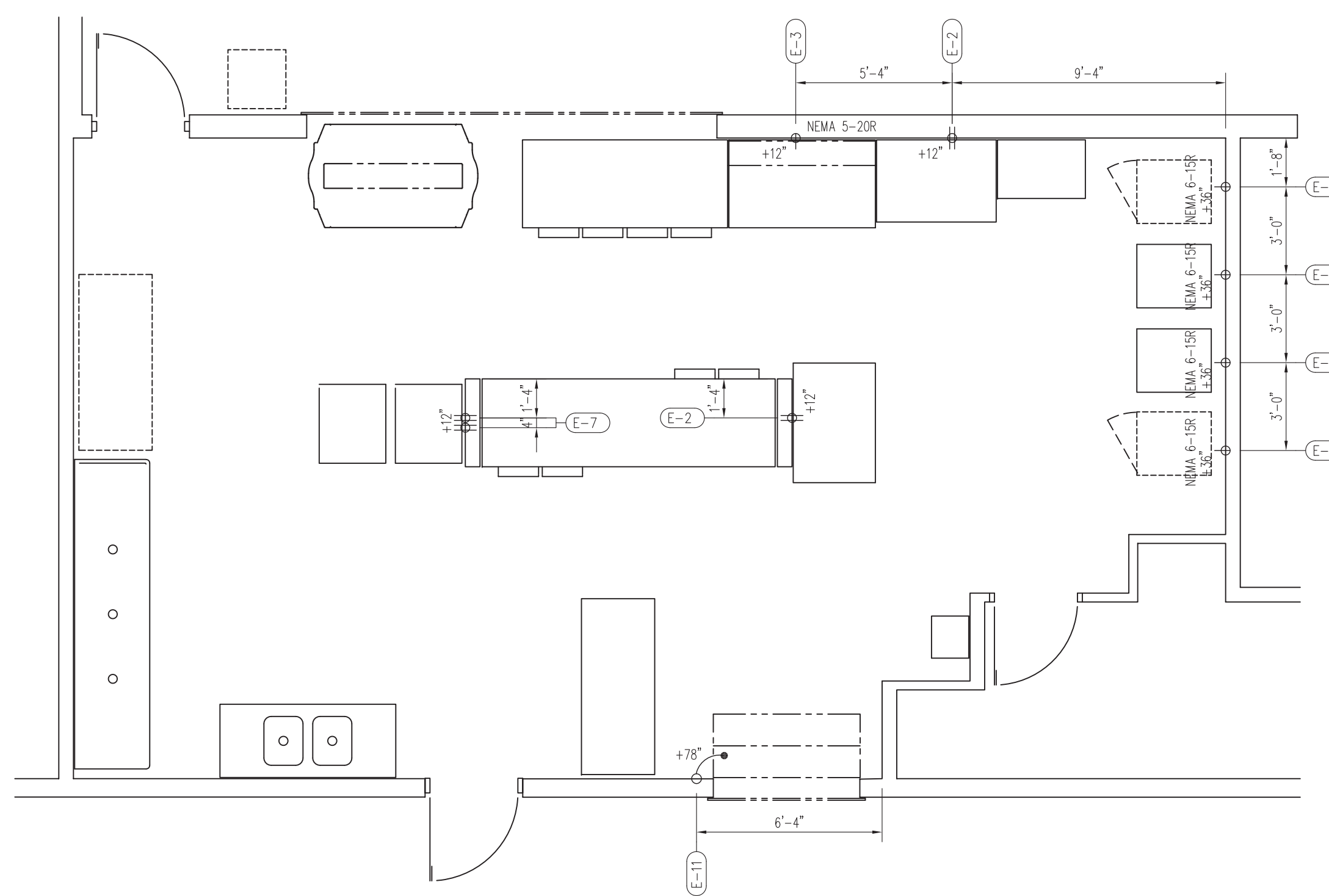


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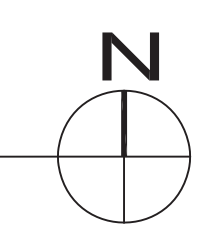
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ELECTRICAL SCHEDULE					
ITEM NO.	QNTY.	DESCRIPTION	VOLTS	PHASE	LOAD
1	1	S/S COUNTER - CABINET			
2	2	MILK COOLERS	120	1	1/2 H.P.
3	1	HOT FOOD TABLE	208	1	3.2 K.W.
4	1	S/S WORKTABLE			
5	1	SALAD BAR			
6		SPARE NUMBER			
7	2	REACH-IN REFRIGERATORS	120	1	1/2 H.P.
8	1	S/S WORKTABLE			
9	2	HEATED CABINETS	208	1	2.38 K.W.
10	1	S/S HAND SINK			
11	1	FLY FAN	208	3	(2) 1/2 H.P. + 12.0 K.W.
12		SPARE NUMBER			
13	1	STORAGE TABLE			
14	1	S/S WORKTABLE W/ SINKS			
15	1	S/S 3-COMPARTMENT SINK			

LEGEND	
○	POINT OF ROUGH-IN
●	POINT OF CONNECTION
⊕	GFCI DUPLEX OUTLET (BY E.C.)
⊖	GFCI SINGLE OUTLET (BY E.C.)
⚡	SWITCH (BY E.C.)
⚡	SHUNT-TRIP BREAKER (BY E.C.)
—	HEAT TAPE (BY E.C.)
—	DATA OUTLET (BY E.C.)
[E]	SWITCH (BY K.E.C.)
⚡	ELECTRIC SOLENOID (BY K.E.C.)
⚡	PLUMBING SOLENOID (BY K.E.C.)
⌚	TIME CLOCK (BY K.E.C.)
⊕	FLOOR SINK
⊖	EXHAUST DUCT
⊕	SUPPLY DUCT
+48"	HEIGHT ABOVE FIN. FLOOR

A1 KITCHEN ELECTRICAL PLAN
 SCALE: 1/8" = 1'-0"

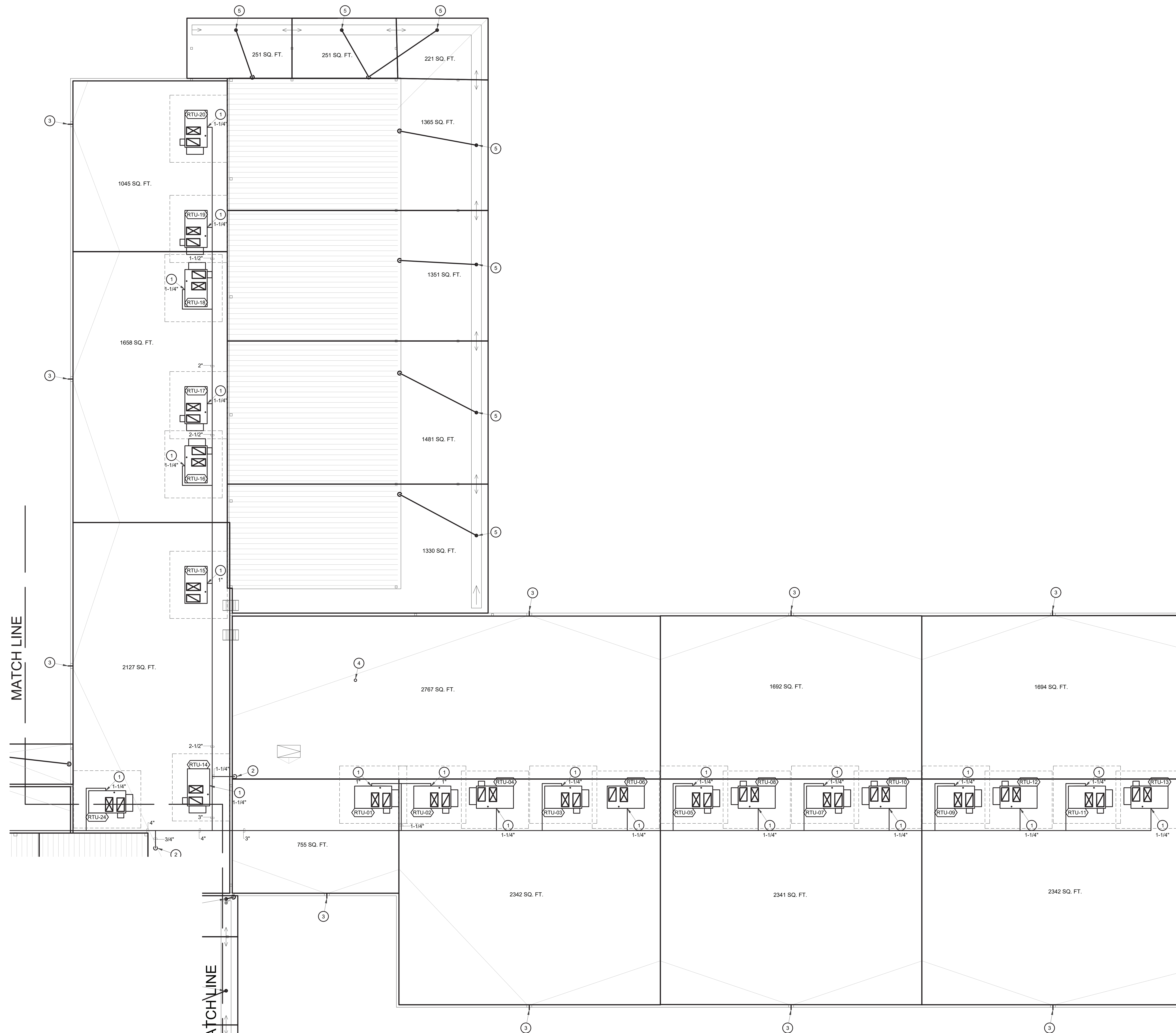


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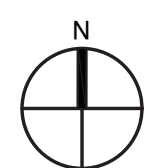
KITCHEN
 ELECTRICAL
 PLAN

SHEET NO.
 QFS-103



PLUMBING ROOF PLAN - EAST

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

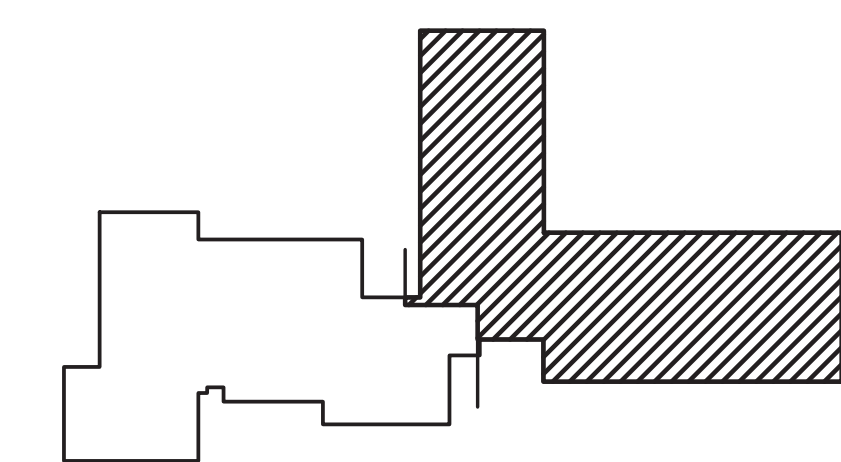


GENERAL NOTES

- A. REFER TO SHEETS P-401 AND P-402 FOR RISER DIAGRAMS.
- B. REFER TO SHEET P-501 FOR DETAILS.
- C. REFER TO SHEET P-601 FOR GENERAL NOTES, LEGEND, AND SCHEDULES.

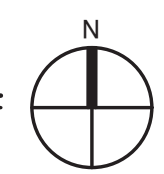
KEYED NOTES

- 1. CONNECT NATURAL GAS PIPE TO ROOFTOP MECHANICAL UNIT AS REQUIRED WITH GAS SHUTOFF VALVE, UNION, DIRT LEG, AND FLEXIBLE CONNECTION. SIZE PIPING PER MANUFACTURER'S REQUIREMENTS. SIZE NATURAL GAS PIPE FEEDING RTU AS INDICATED ADJACENT TO THIS KEYED NOTE ON PLAN.
- 2. EXTEND NATURAL GAS PIPE DOWN THROUGH ROOF AT THIS LOCATION TO SERVE EQUIPMENT WITHIN BUILDING. REFER TO SHEET P-101 FOR CONTINUATION.
- 3. ROOF DRAINAGE THROUGH SCUPPER INTO DRAIN BOX AT THIS LOCATION. REFER TO ARCHITECTURAL FOR DETAILS. DRAIN SHALL BE AT LEAST 4"Ø. EXTEND RAIN LEADER DOWN AND FINISH WITH AIR GAP TO CATCH BASIN. COORDINATE EXACT ROUTING OF RAIN LEADER WITH ARCHITECT AND CIVIL. COORDINATE MATERIALS WITH ARCHITECT.
- 4. INSTALL VENT THROUGH ROOF AT THIS APPROXIMATE LOCATION PER DETAIL ON SHEET P-501. ENSURE THAT VENT OUTLET IS NOT WITHIN 10' OF ANY AIR INTAKE. REFER TO SHEET P-401 FOR DIAGRAMMATIC ROUTING AND SIZING OF VENT LINES. REFER TO SHEET P-101 FOR LOCATION IN REFERENCE TO PLUMBING FIXTURES.
- 5. INSTALL ROOF DRAIN, RD-1, AT THIS APPROXIMATE LOCATION PER ALL MANUFACTURER'S REQUIREMENTS AND CLEARANCES. SIZE LEADER TO BE 4"Ø. EXTEND RAIN LEADER HORIZONTALLY AS SHOWN AND ROUTE DOWN ALONG WALL OR COLUMN. FINISH WITH AIR CAP TO GROUND AREA DRAIN. COORDINATE EXACT ROUTING OF RAIN LEADER WITH ARCHITECT AND CIVIL. PROVIDE WITH HEAT TAPE IN AREAS PRONE TO FREEZING. REFER TO ELECTRICAL FOR HEAT TAPE CONNECTION. COORDINATE MATERIALS WITH ARCHITECT.



KEY PLAN

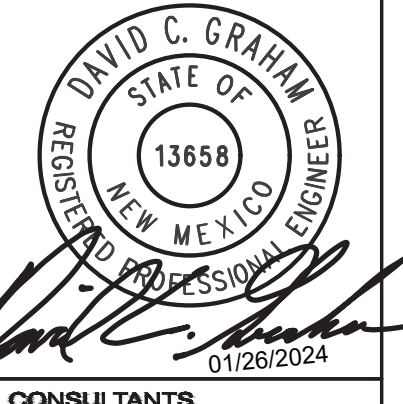
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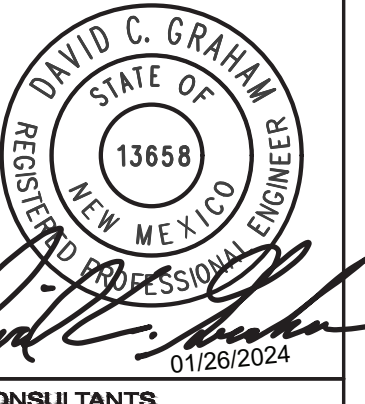
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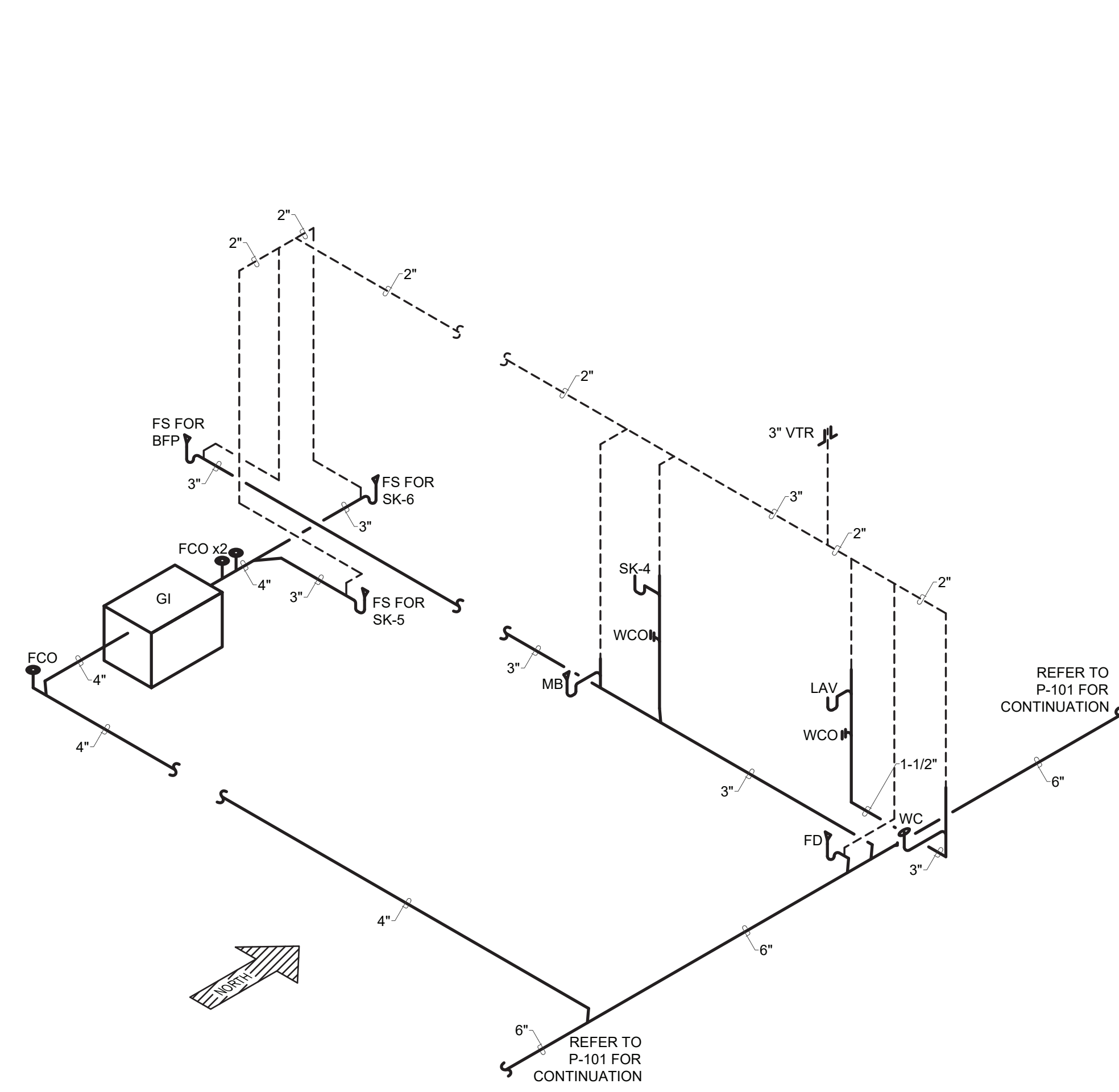
**PLUMBING
 ROOF PLAN -
 EAST**

SHEET NO.

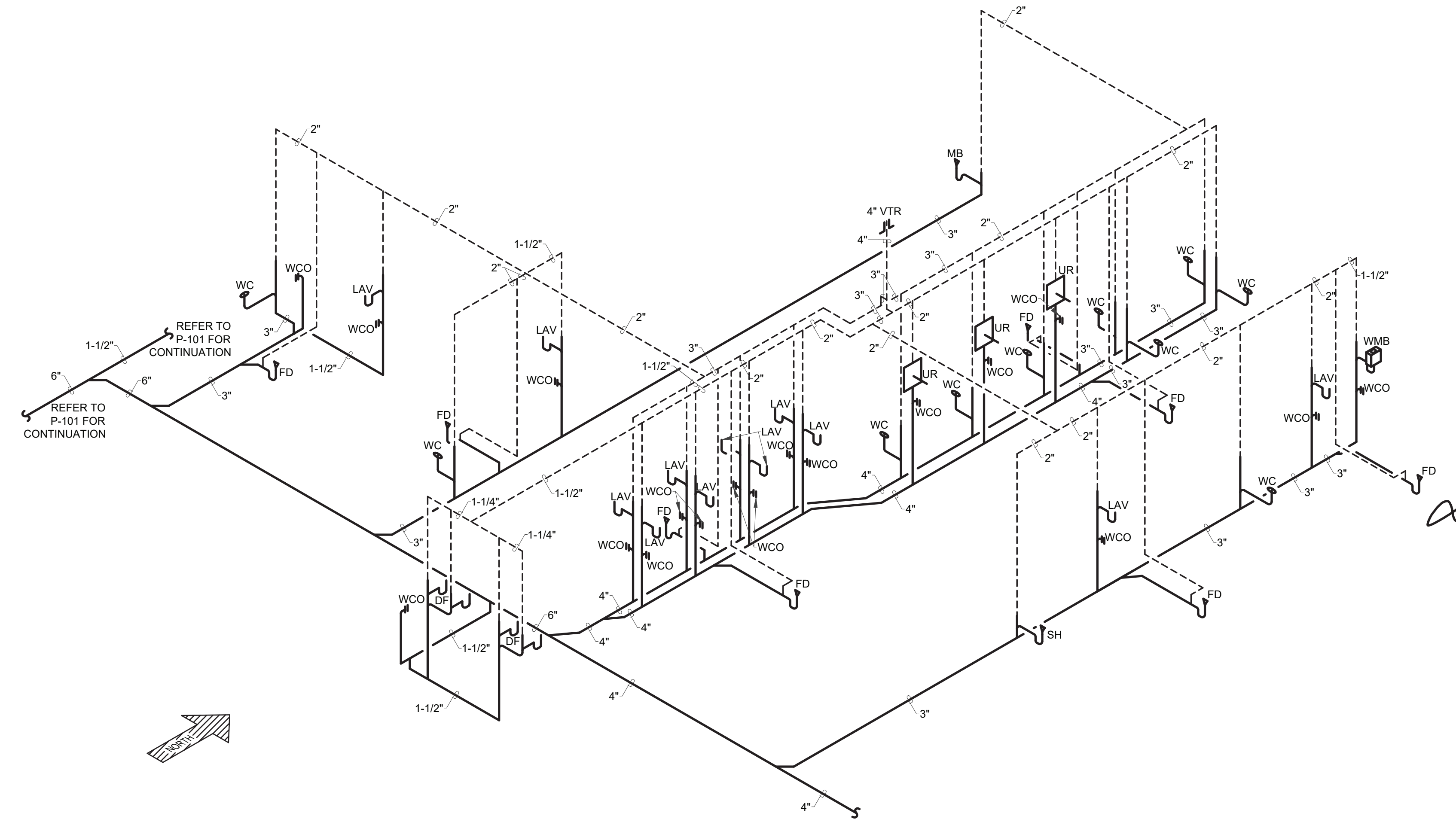
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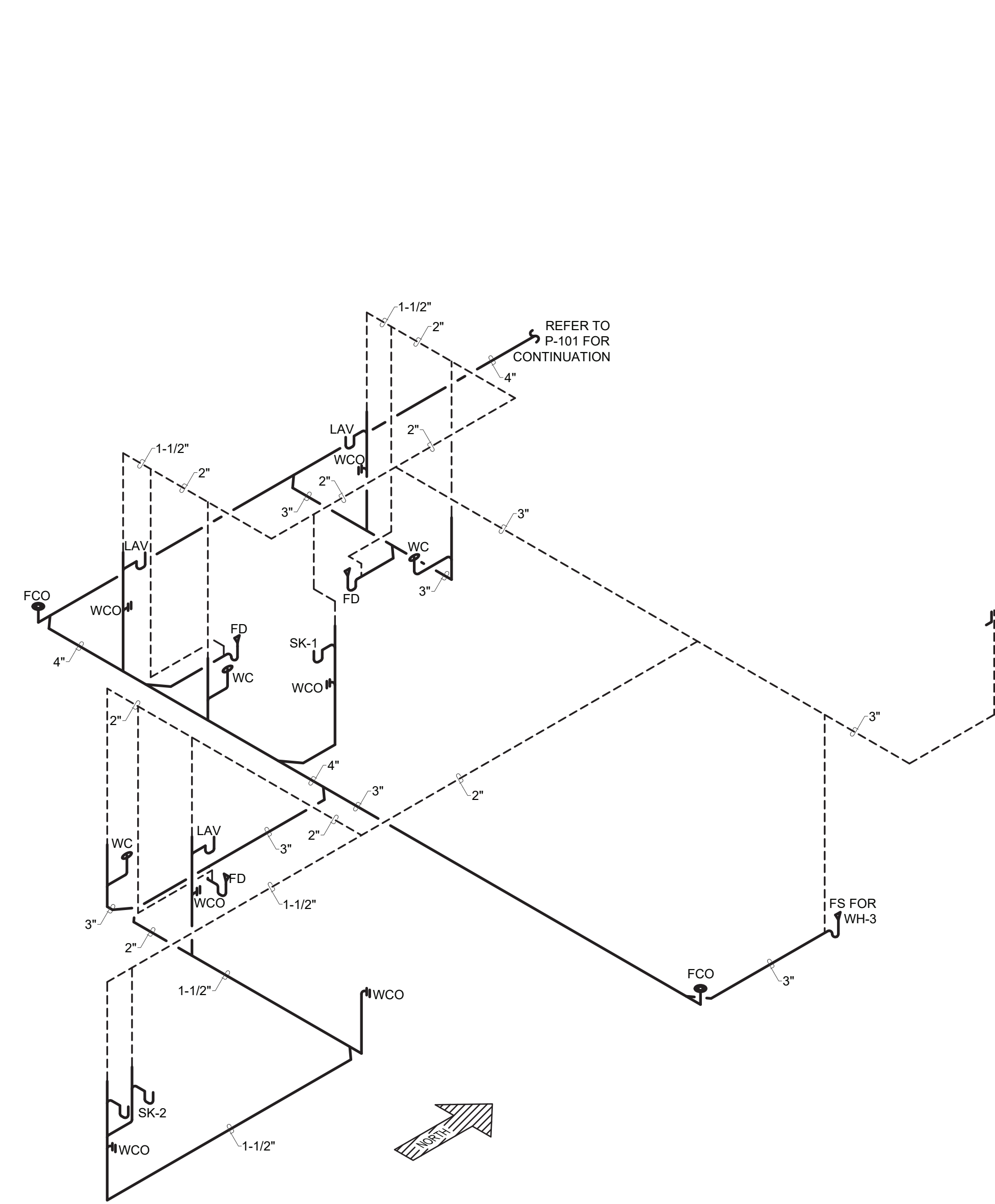
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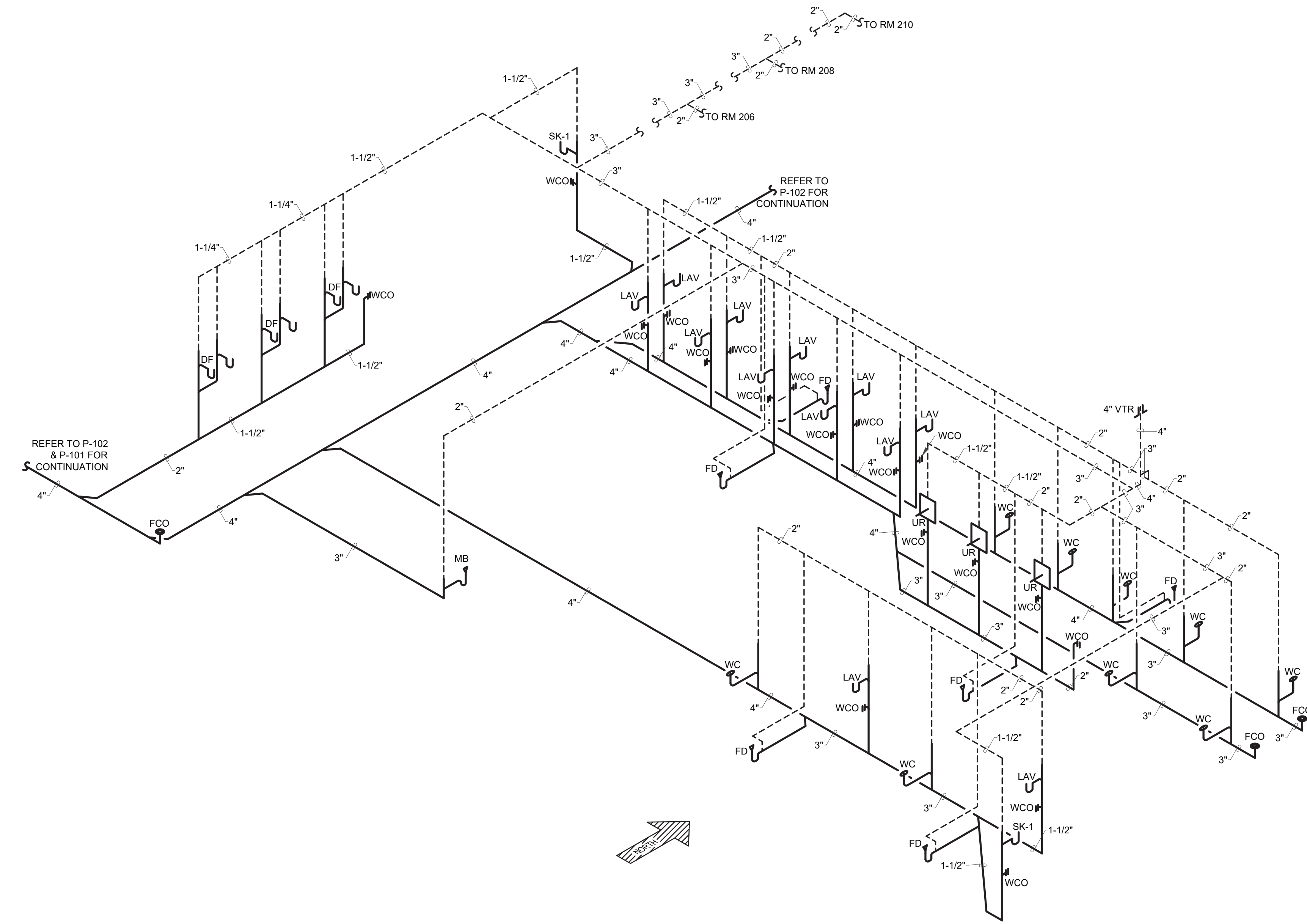
RISER DIAGRAM - SEWER & VENT - 418 WARMING KITCHEN
 SCALE: NONE



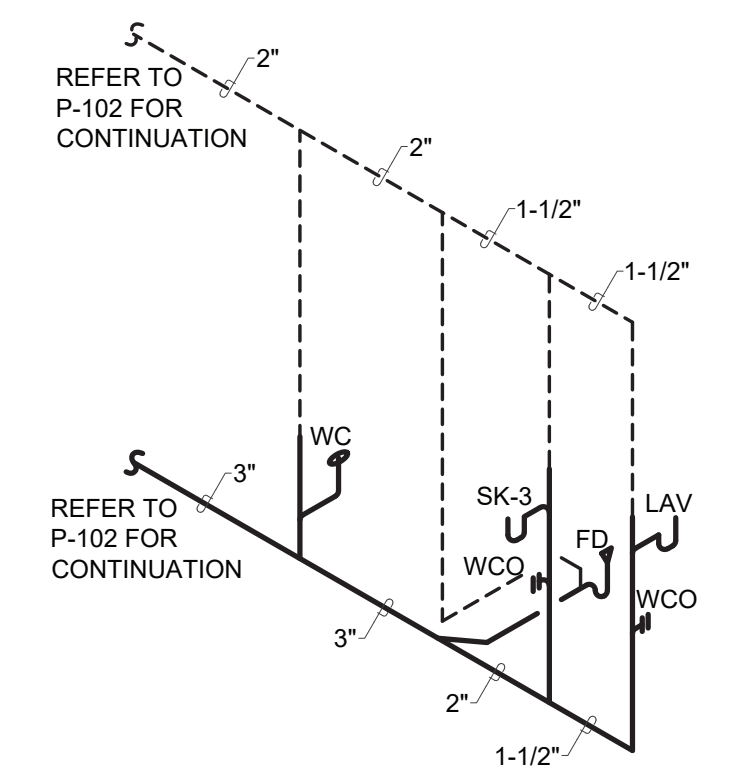
RISER DIAGRAM - SEWER & VENT - 404 BOYS', 406 GIRLS', ETC.
 SCALE: NONE



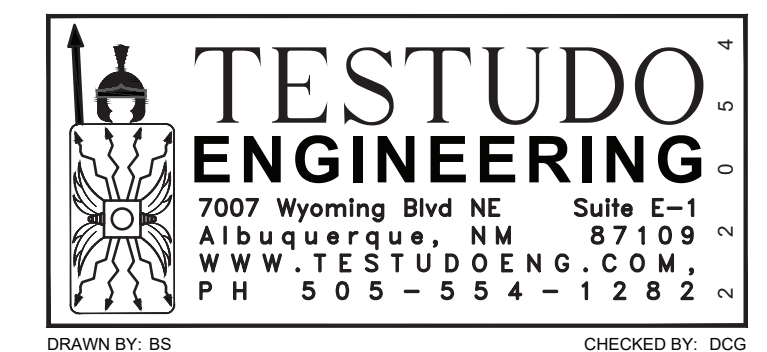
RISER DIAGRAM - DOMESTIC WATER - 300s ADMINISTRATION
 SCALE: NONE



RISER DIAGRAM - DOMESTIC WATER - 202 BOYS', 204 GIRLS', ETC.
 SCALE: NONE



TYPICAL RISER DIAGRAM - DOMESTIC WATER - 400s KINDER & PRE-K
 SCALE: NONE



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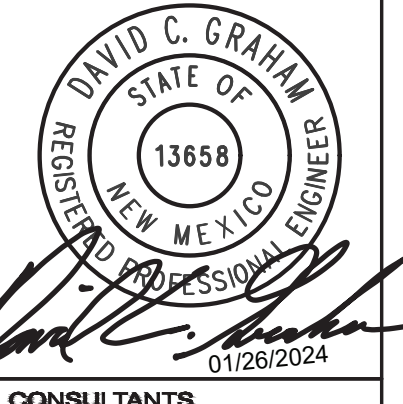
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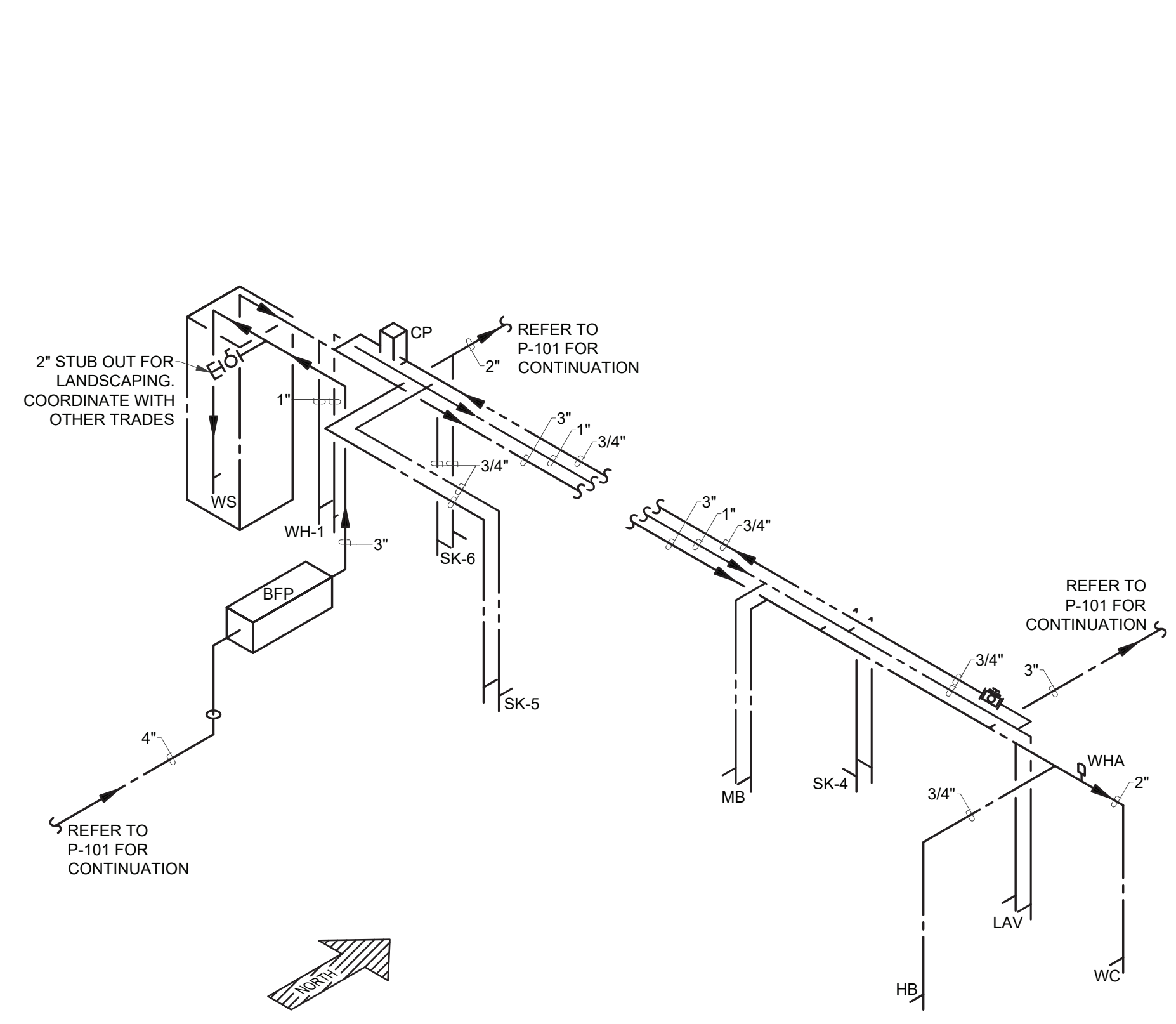
PLUMBING
RISER
DIAGRAMS

SHEET NO.

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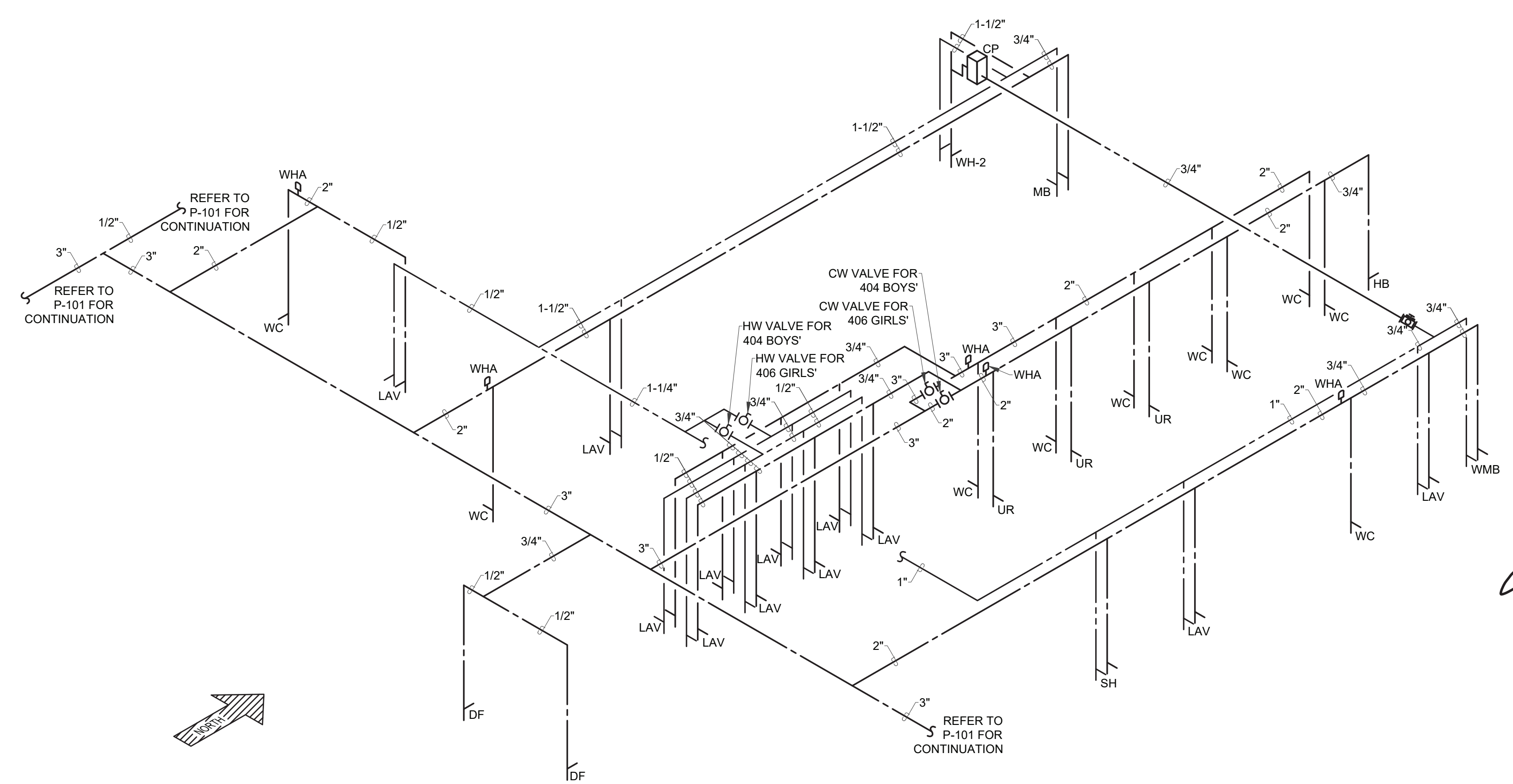


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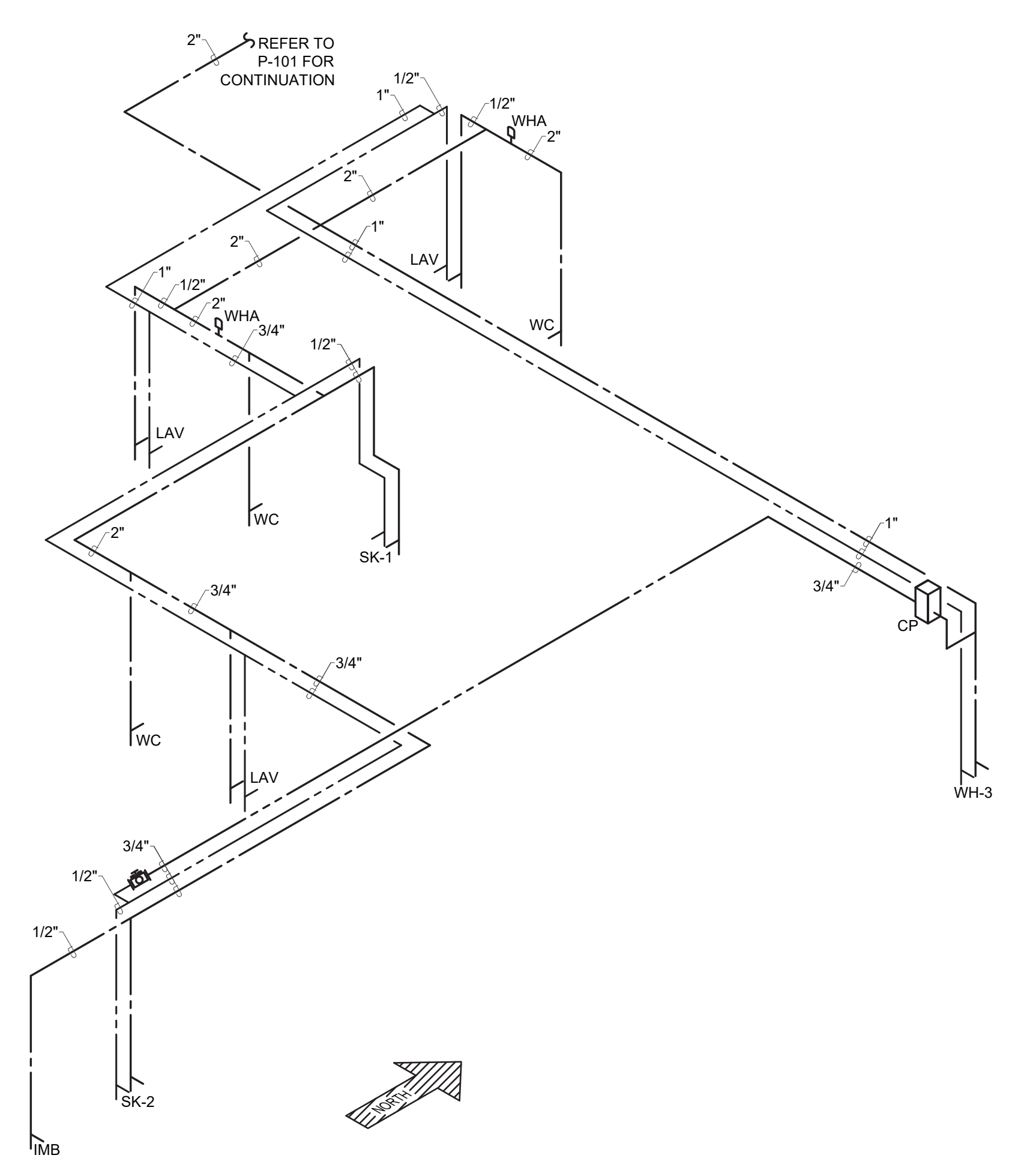
**RISER DIAGRAM - DOMESTIC WATER -
418 WARMING KITCHEN**

SCALE: NONE



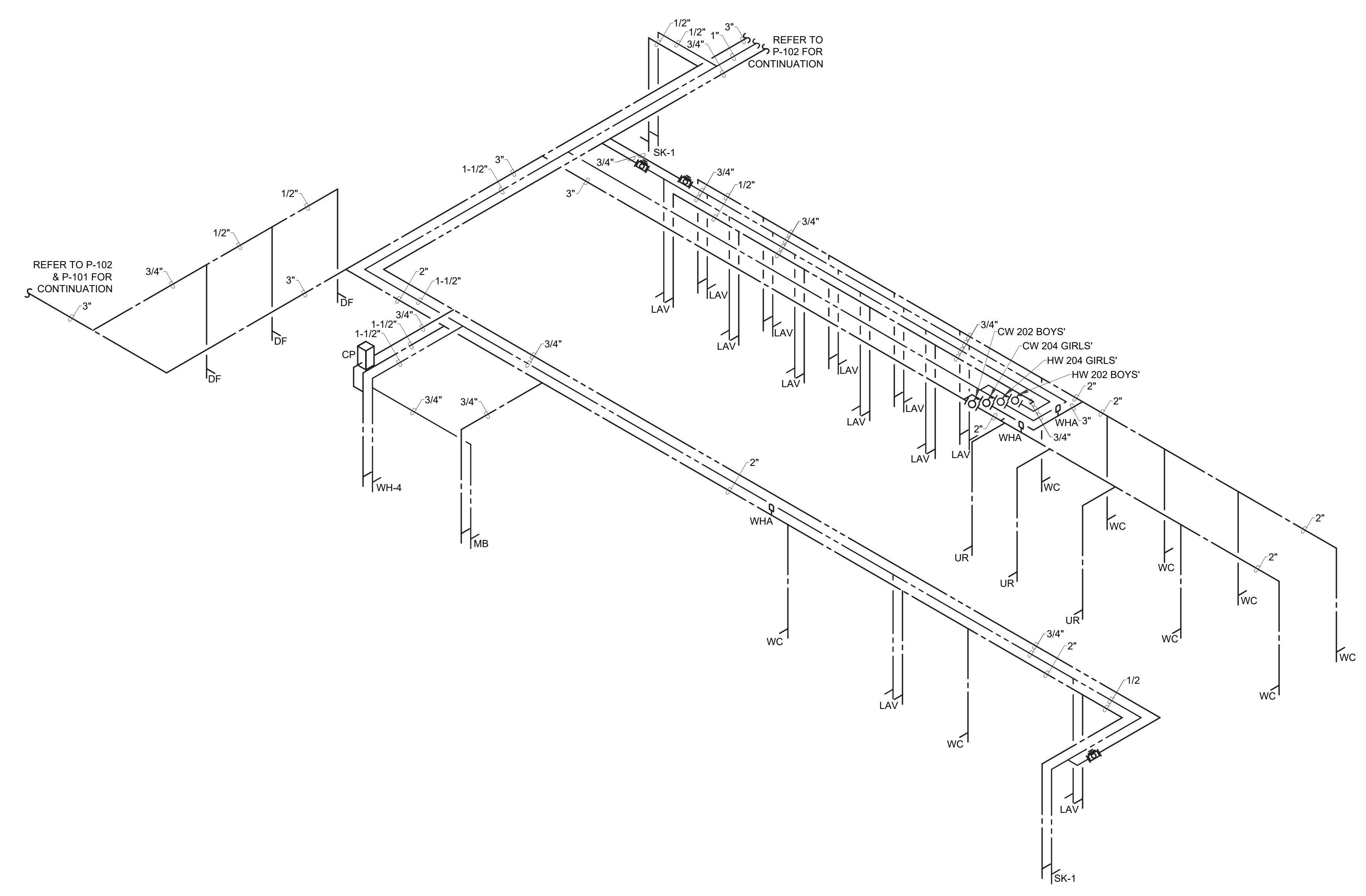
RISER DIAGRAM - DOMESTIC WATER - 404 BOYS', 406 GIRLS', ETC.

SCALE: NONE



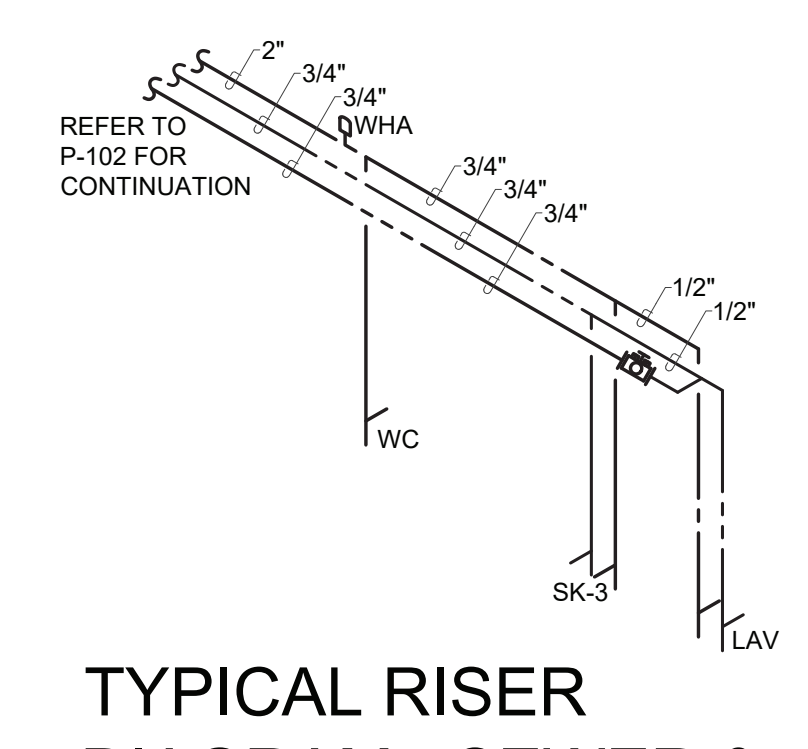
**RISER DIAGRAM - DOMESTIC WATER -
300s ADMINISTRATION**

SCALE: NONE



RISER DIAGRAM - DOMESTIC WATER - 202 BOYS', 204 GIRLS', ETC.

SCALE: NONE



**TYPICAL RISER
DIAGRAM - SEWER &
VENT - 200s KINDER
& PRE-K**

SCALE: NONE

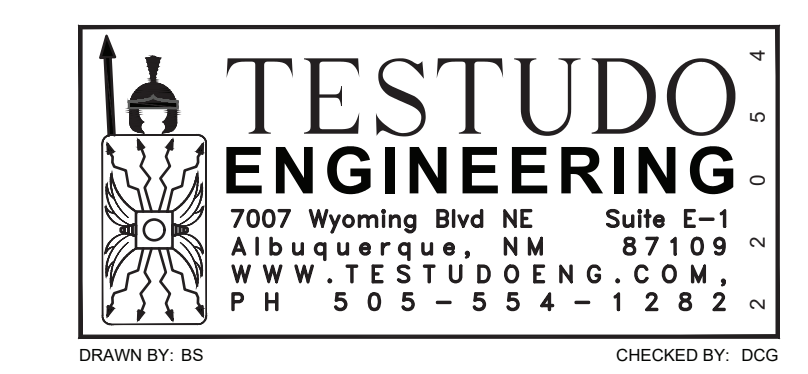
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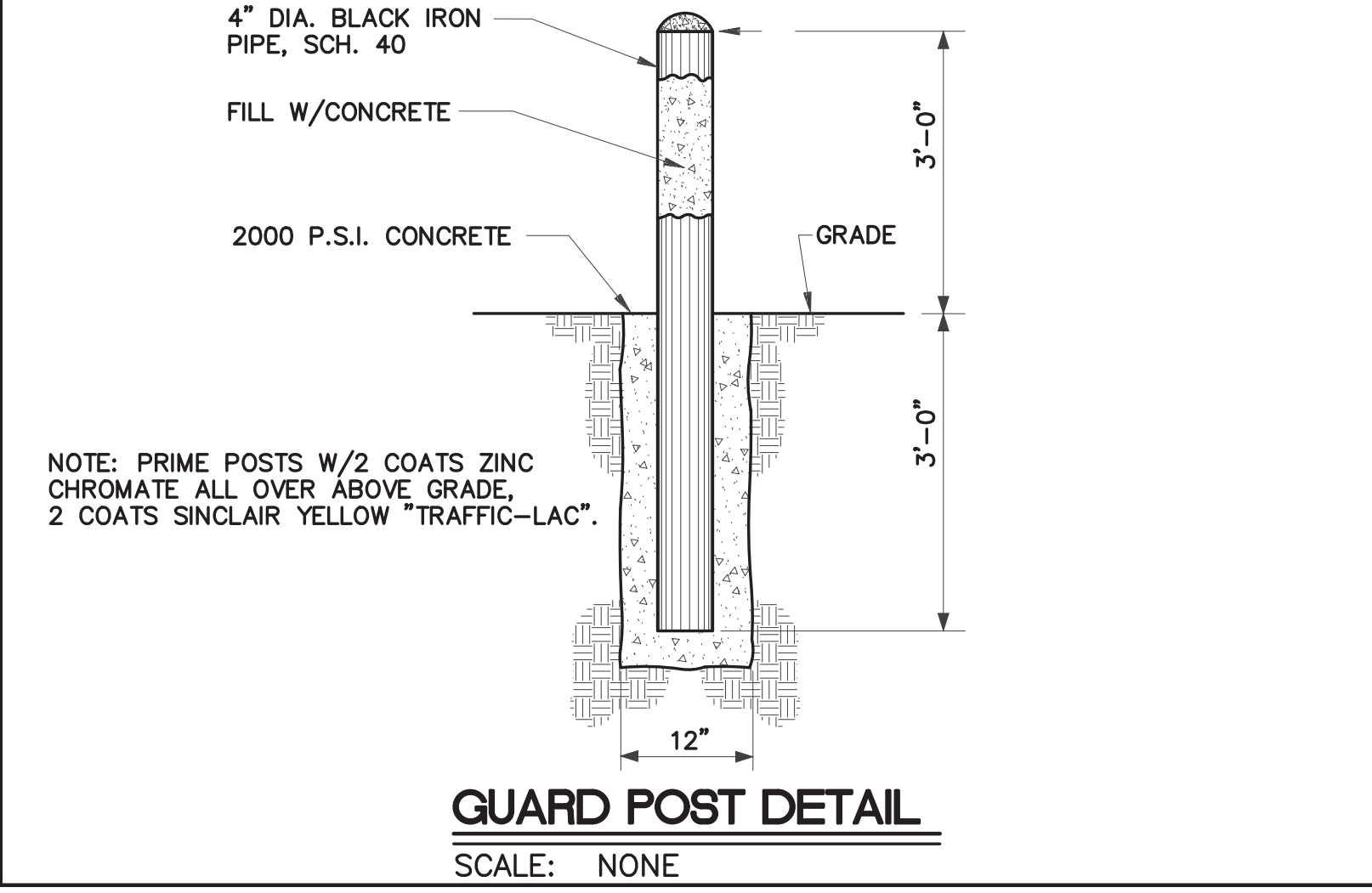
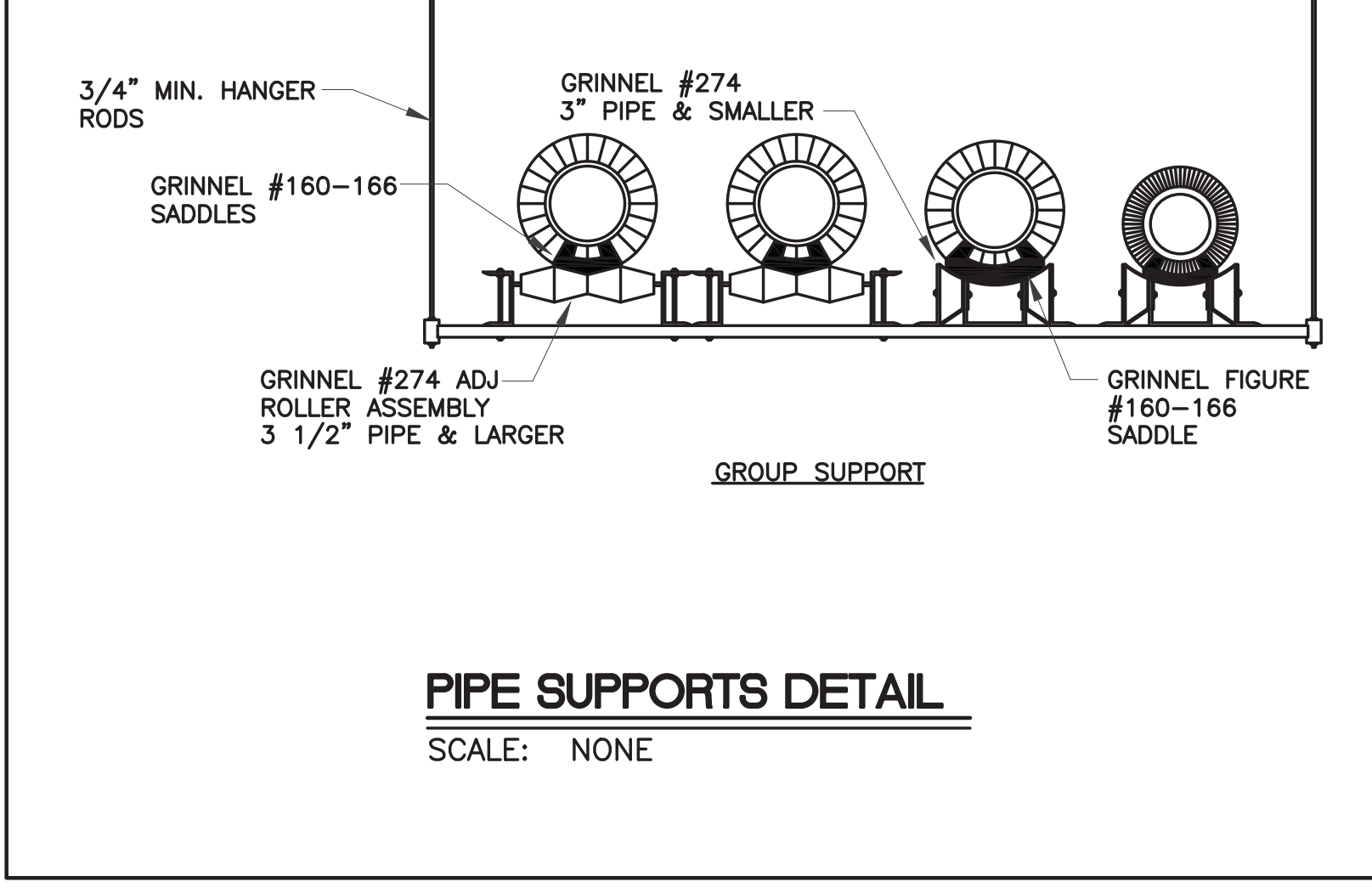
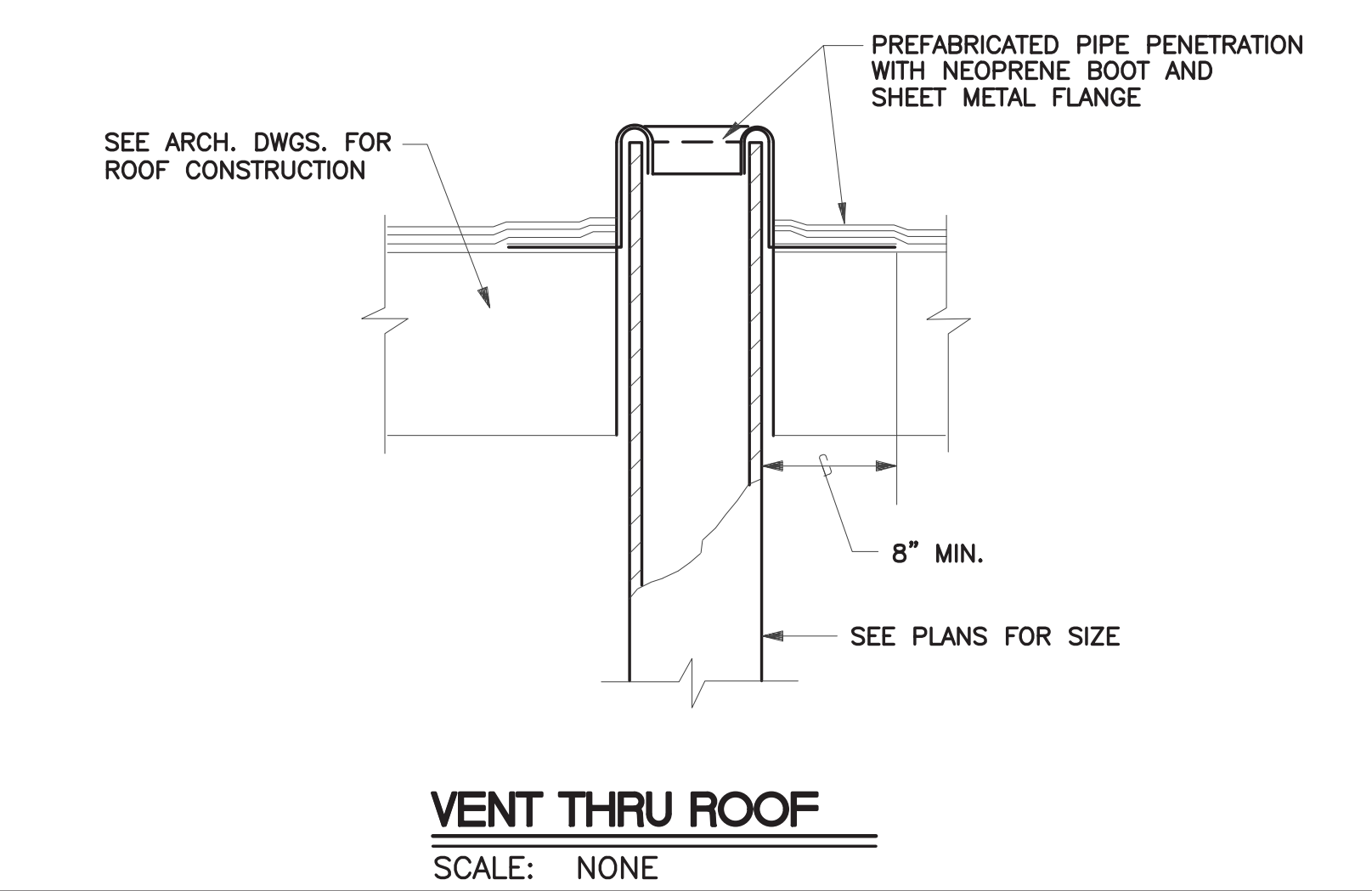
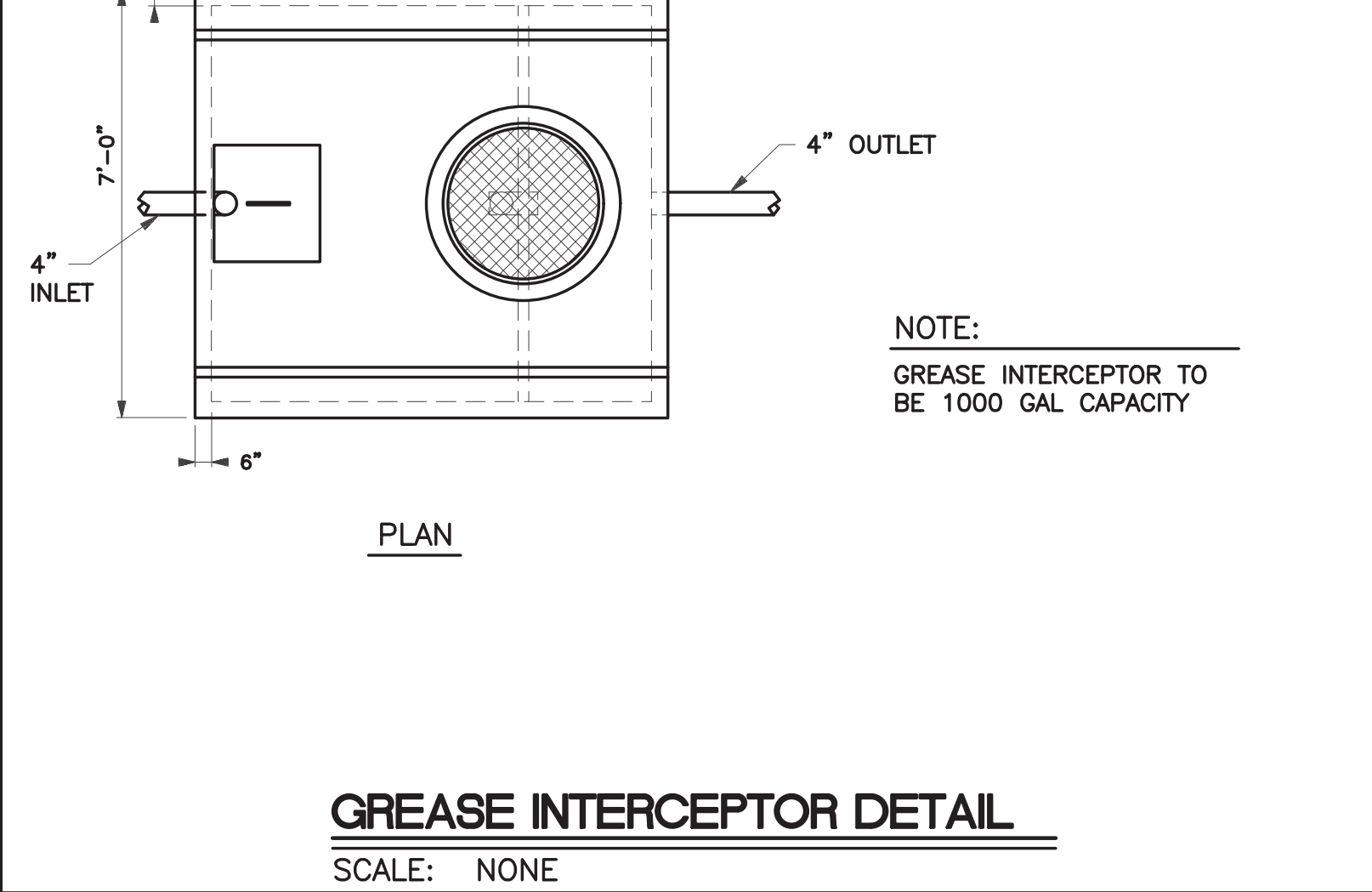
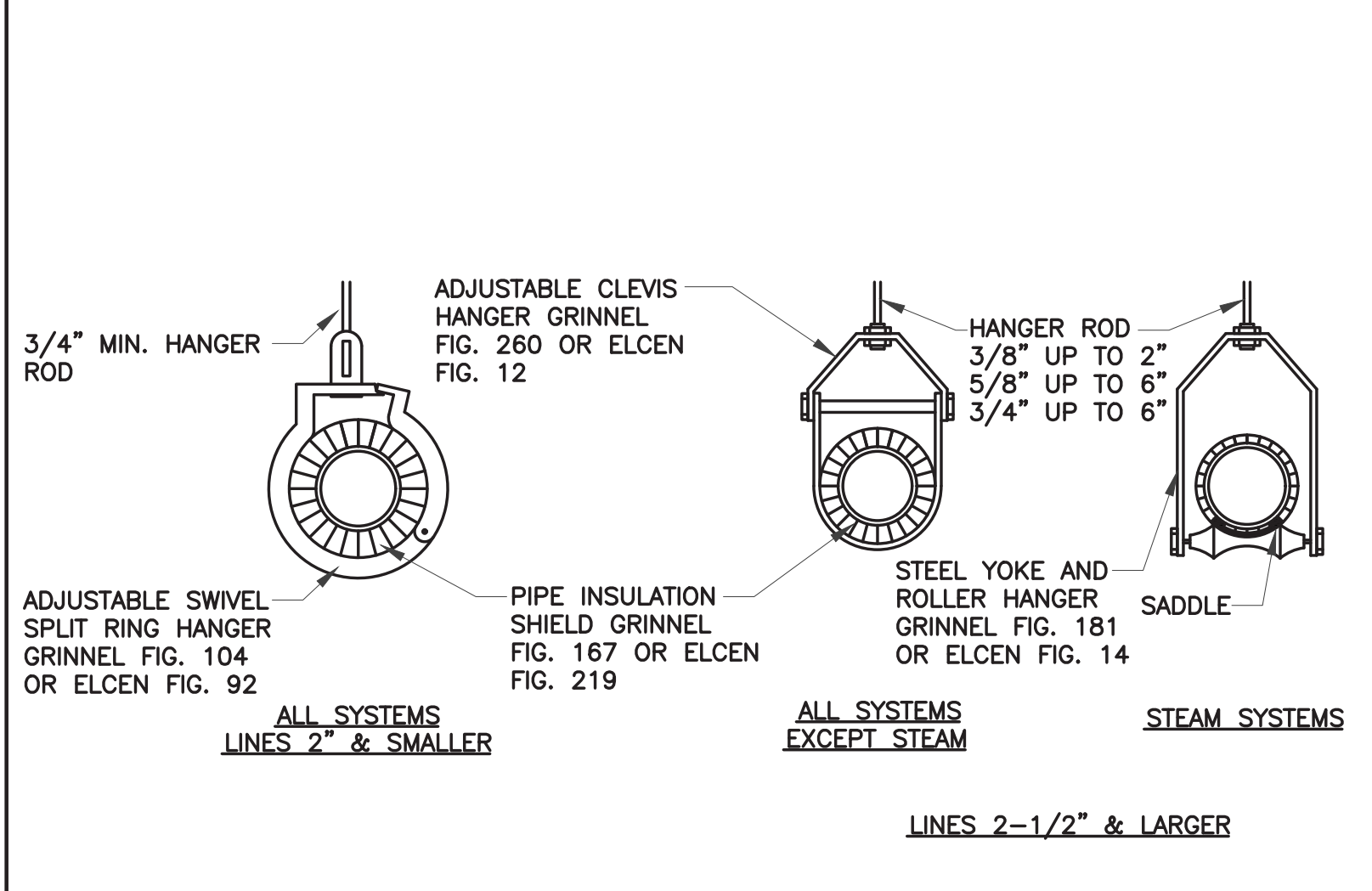
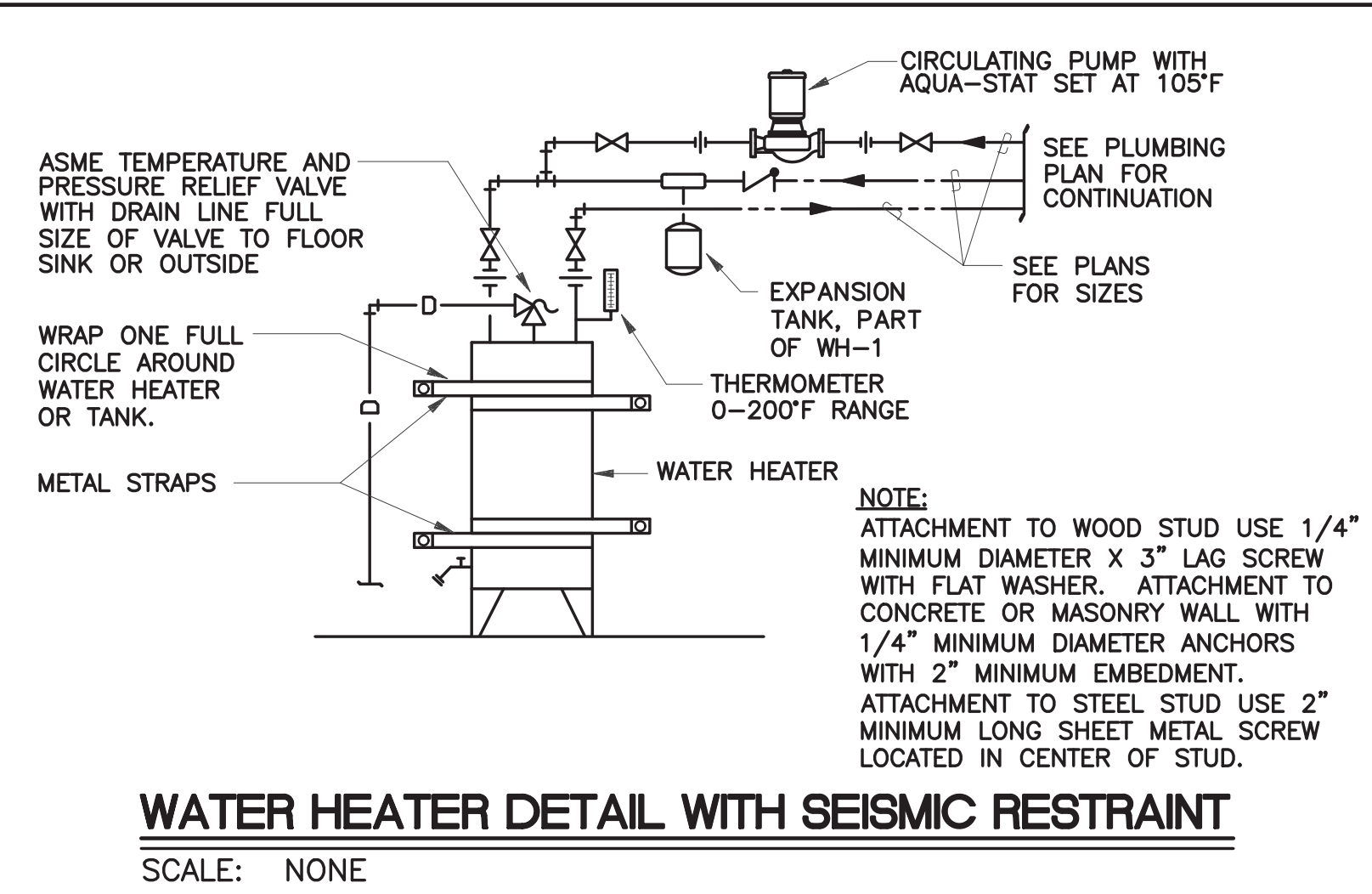
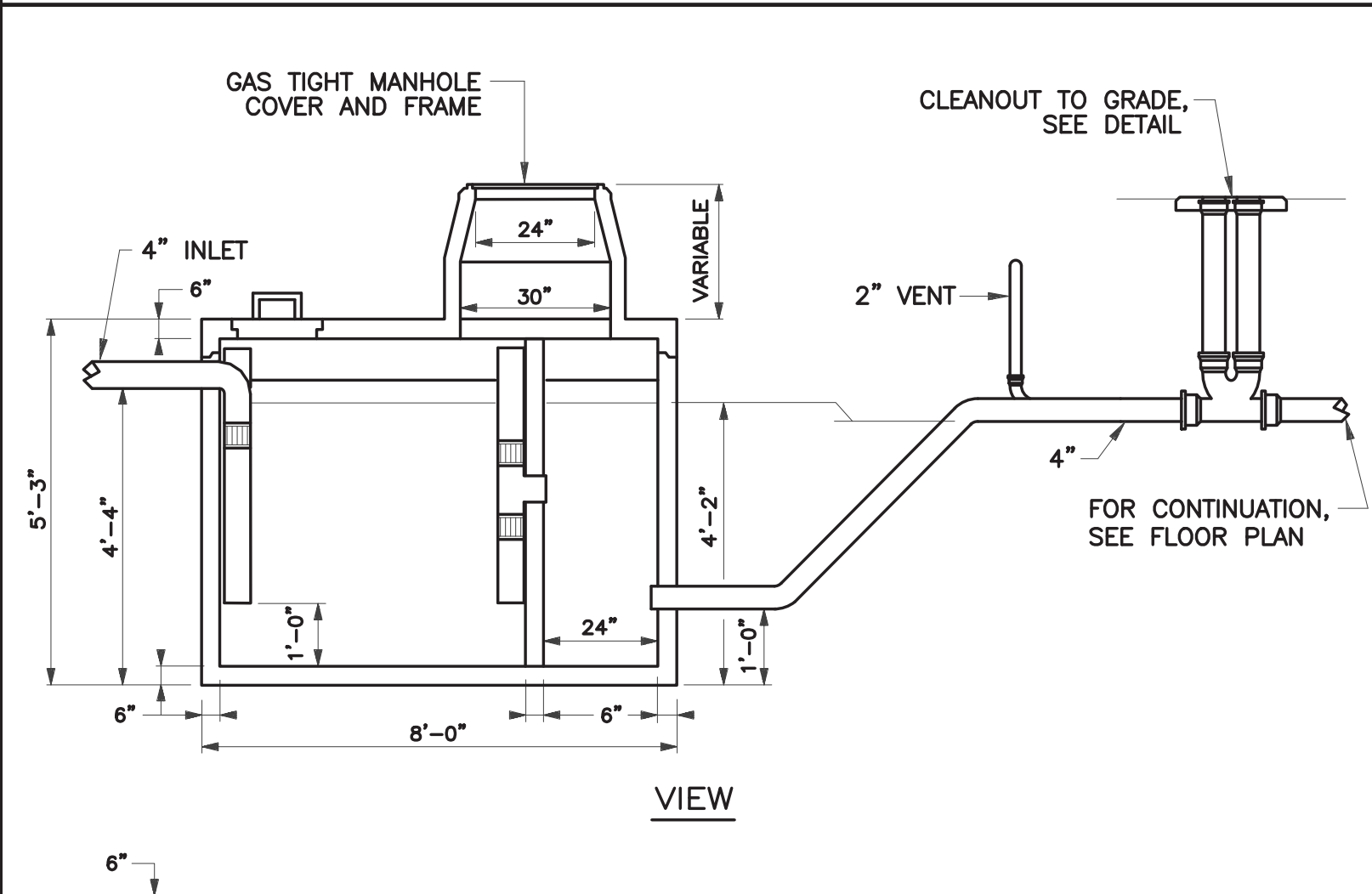
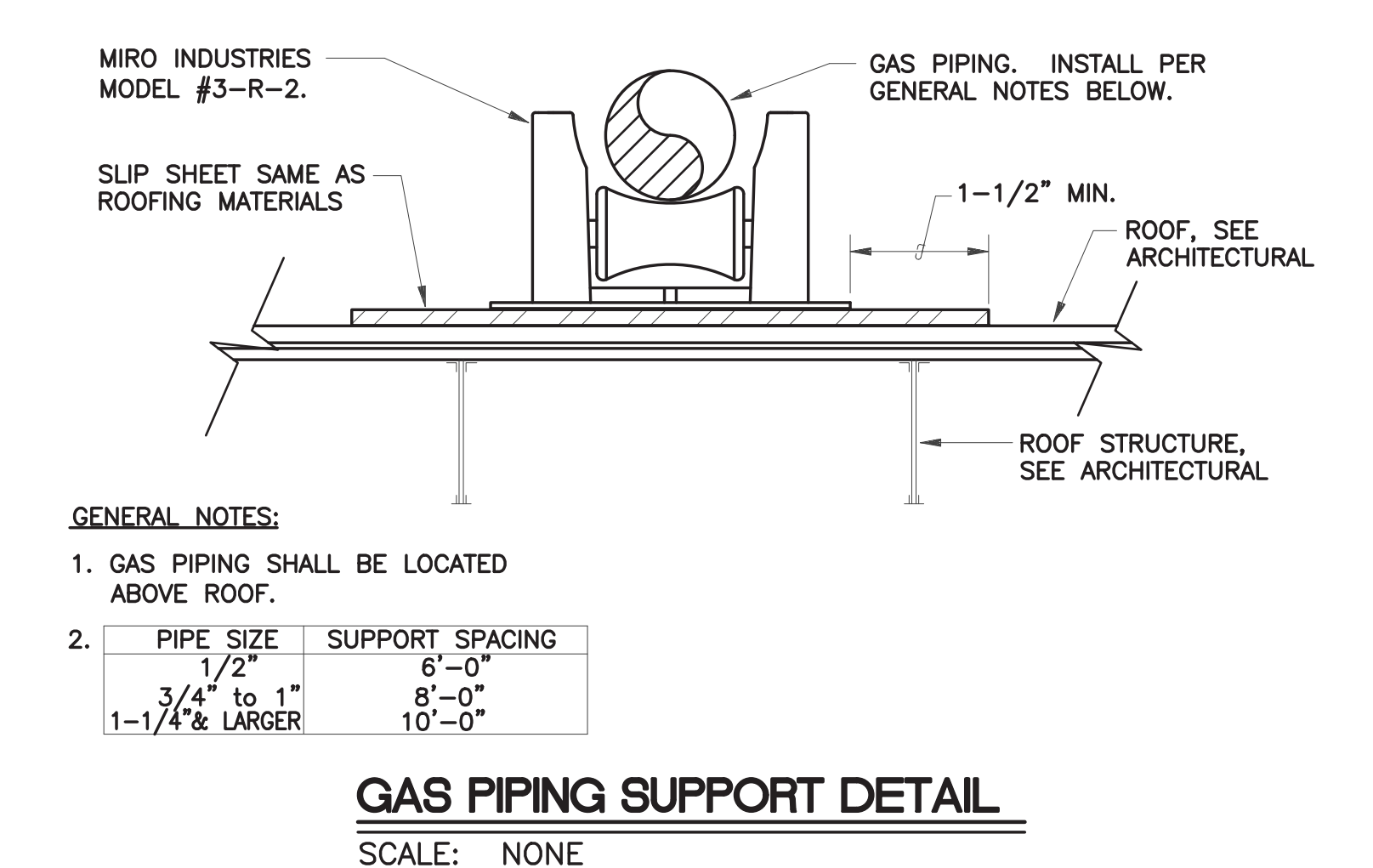
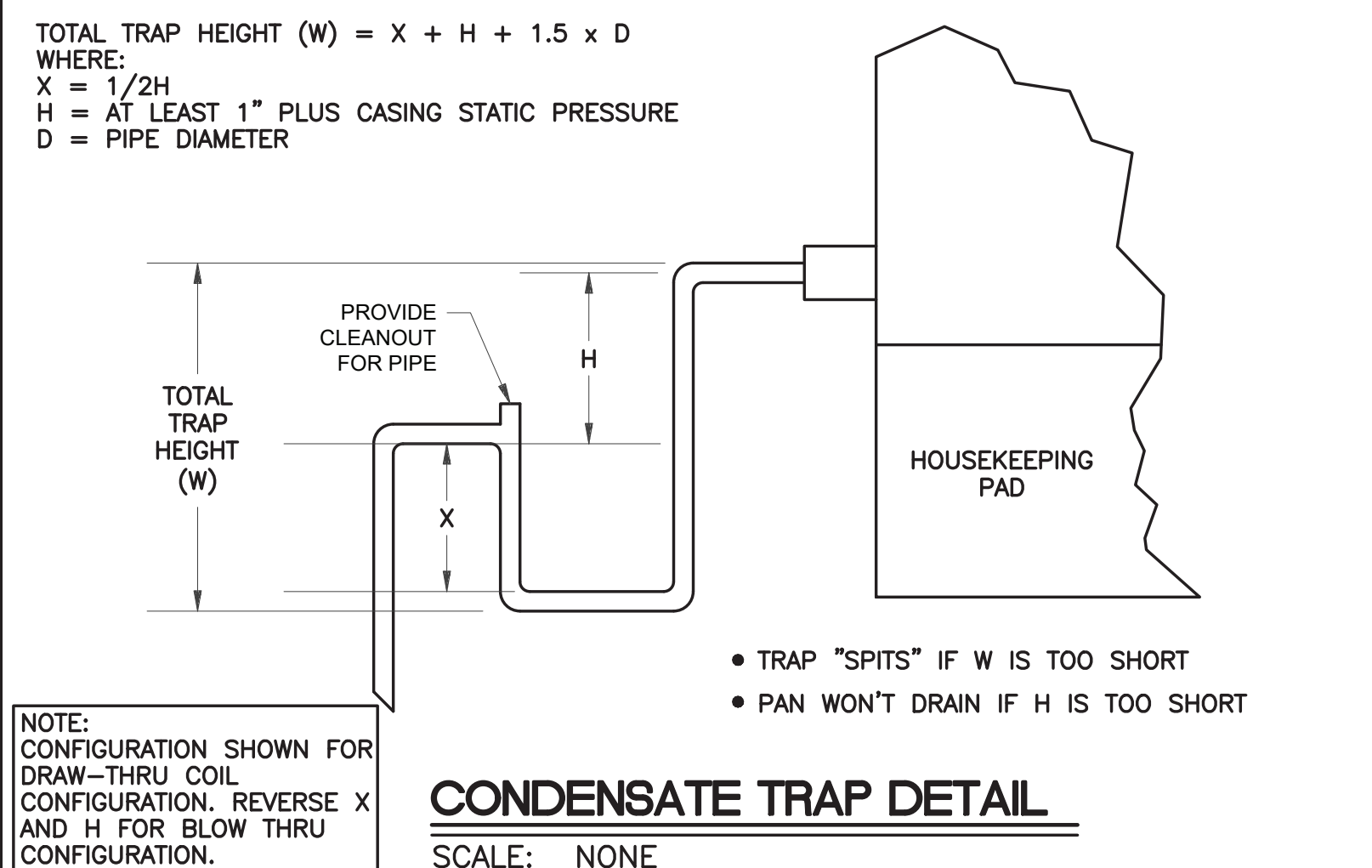
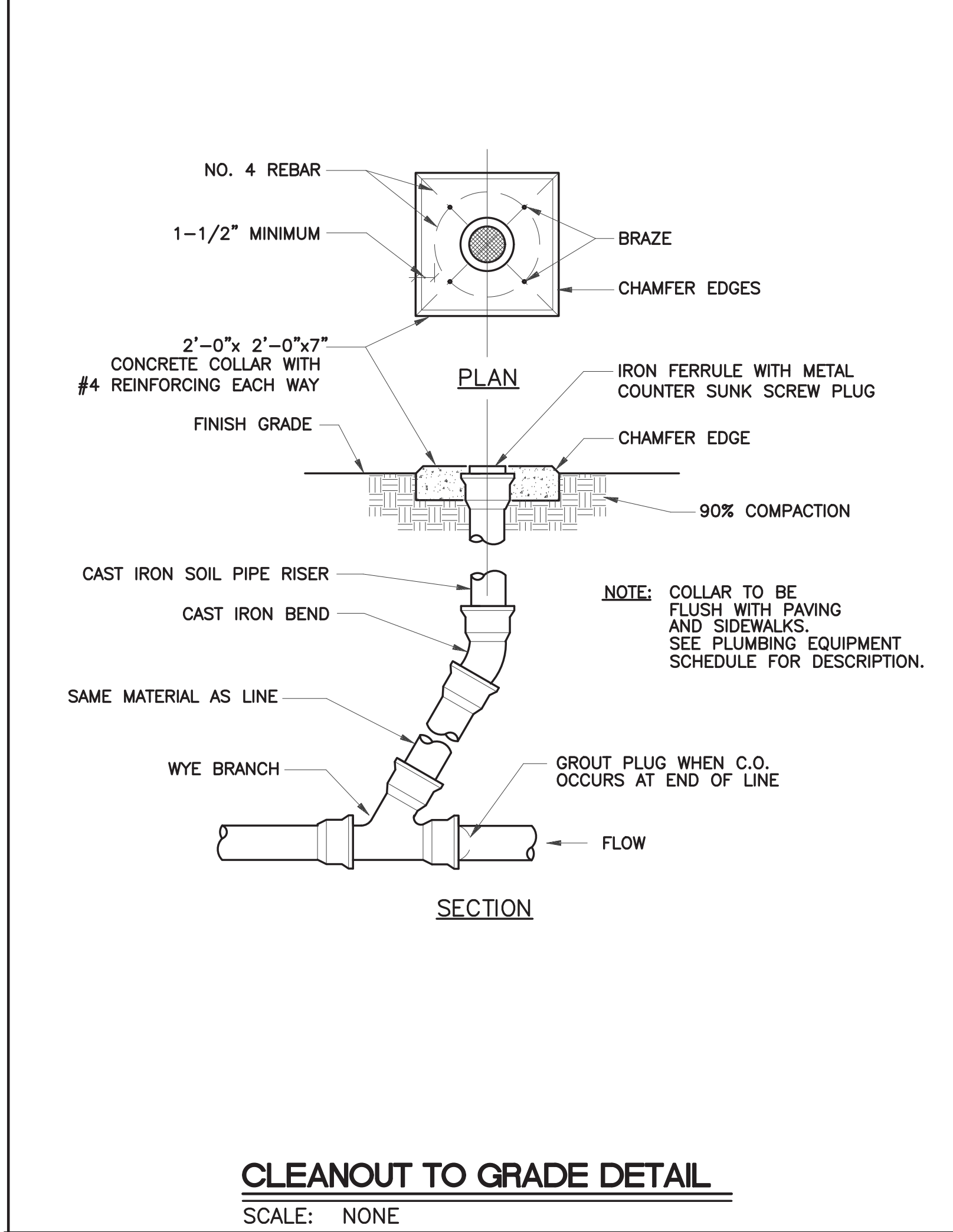
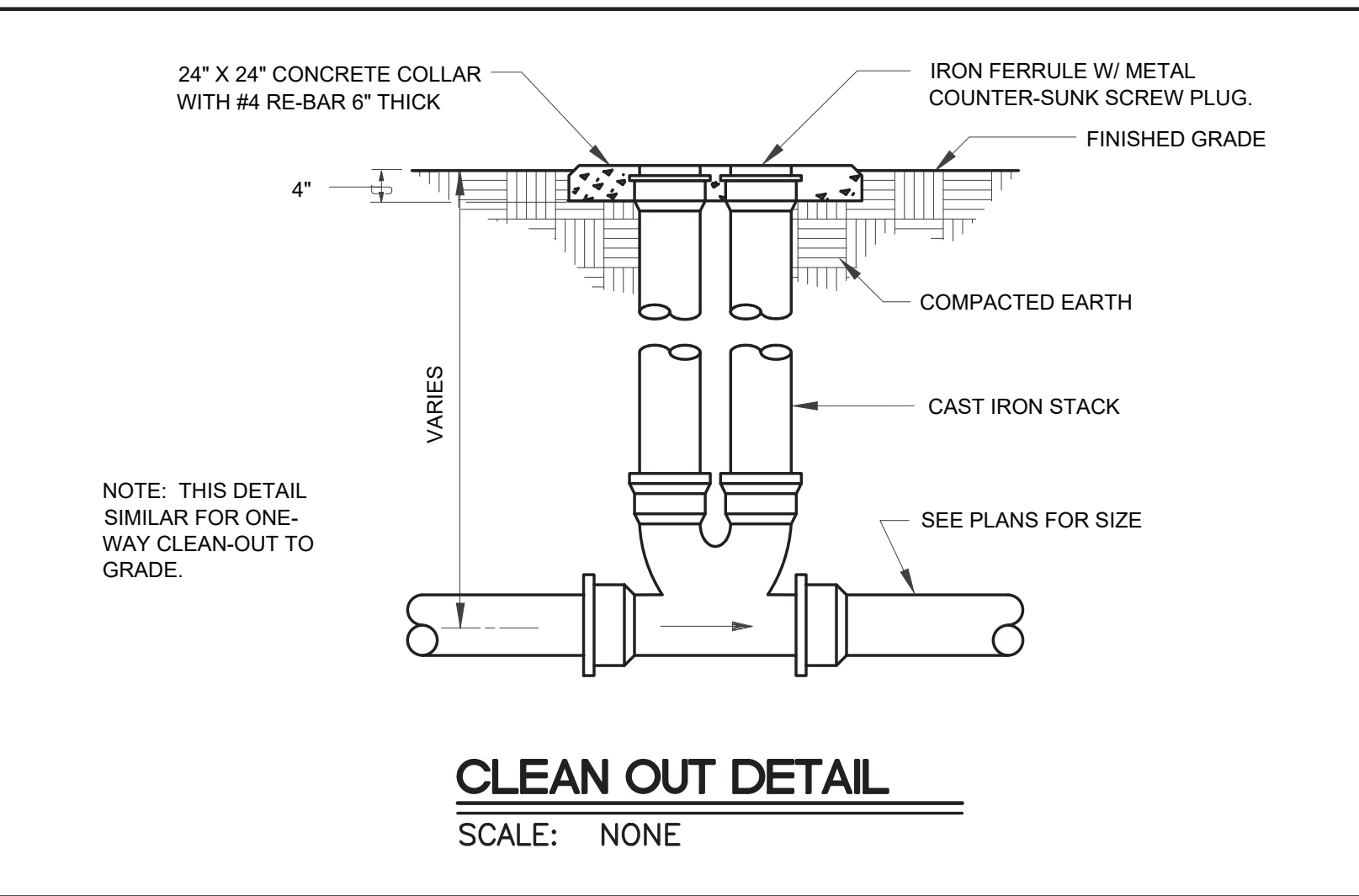
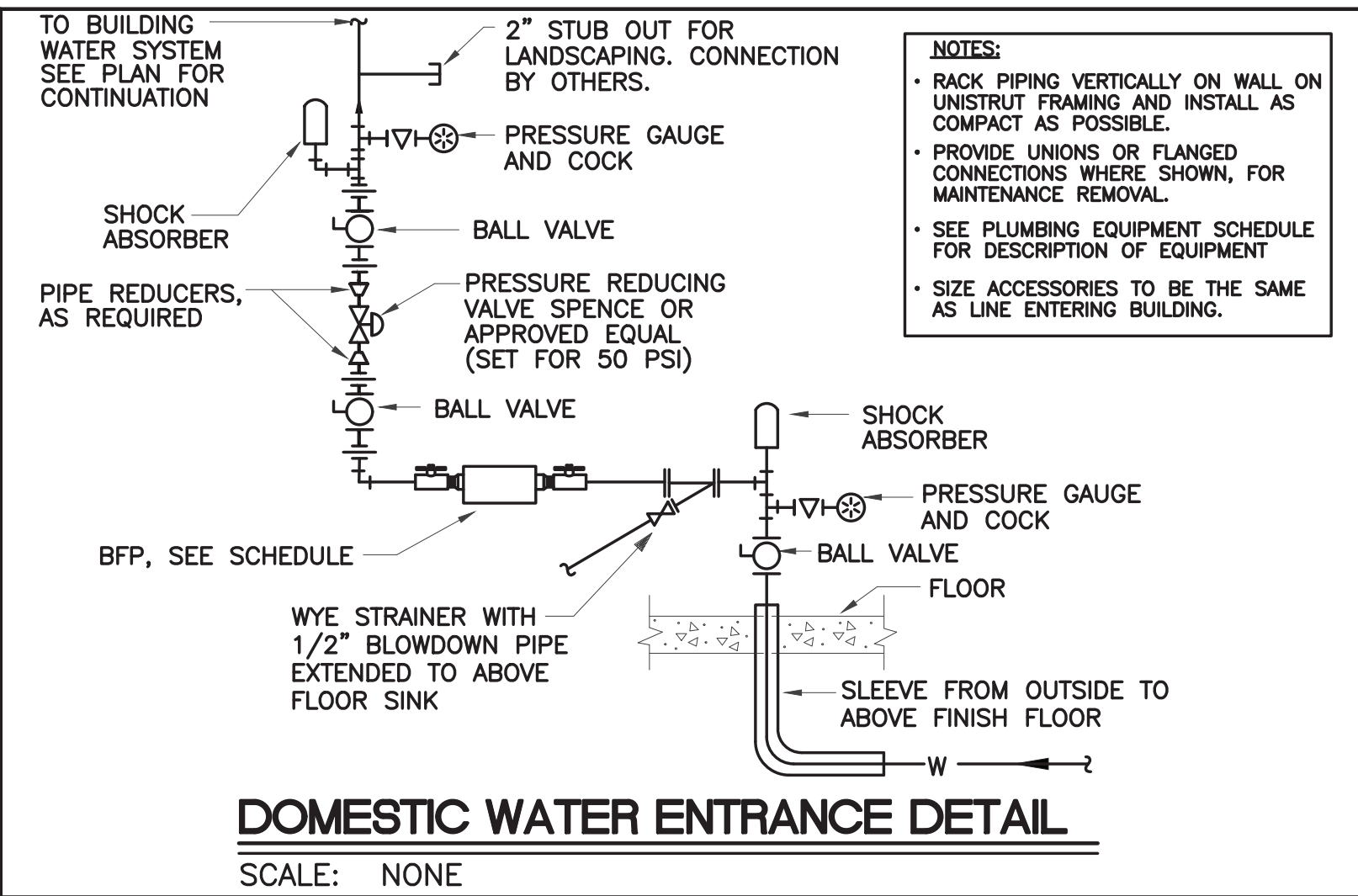
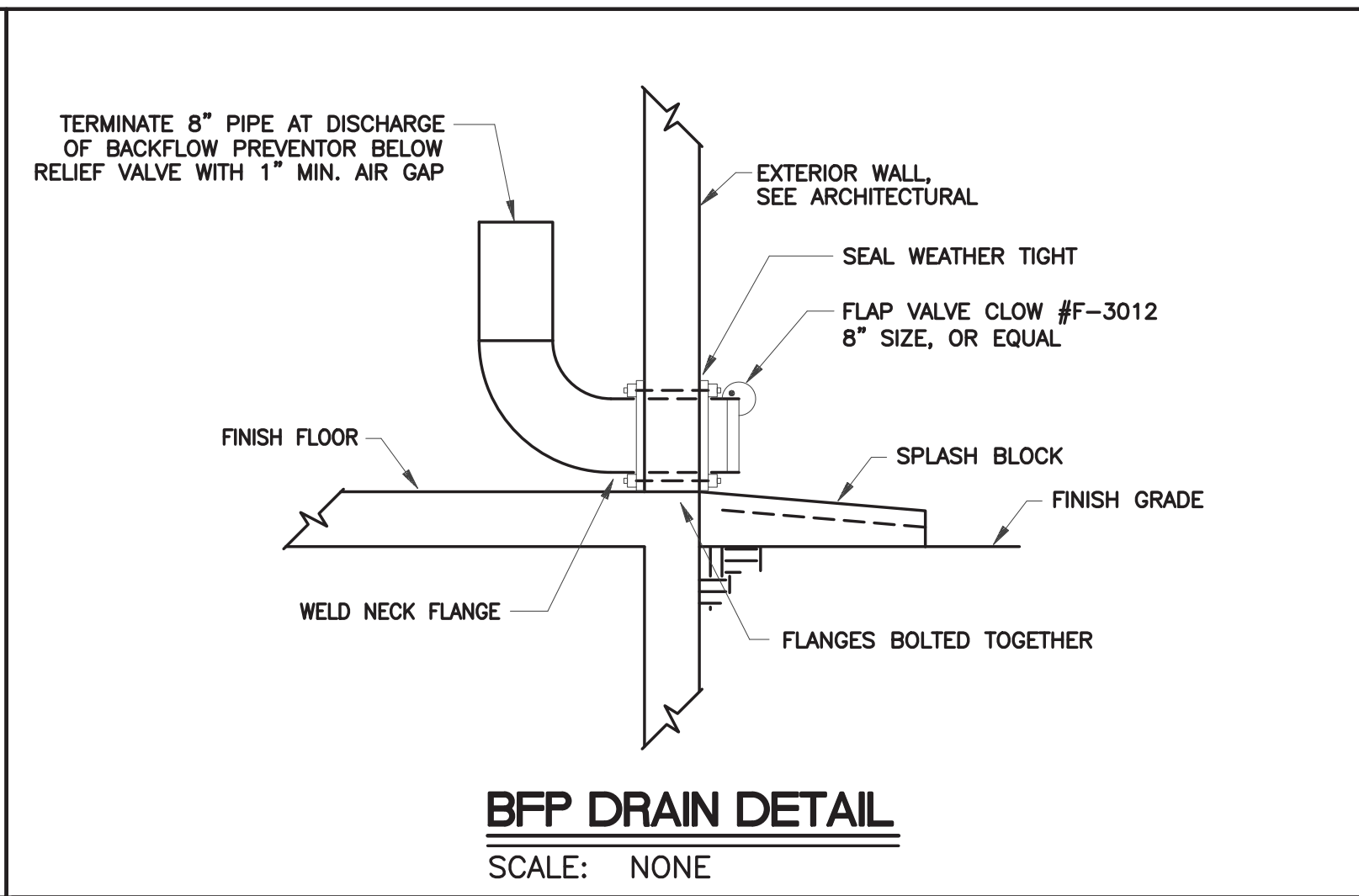
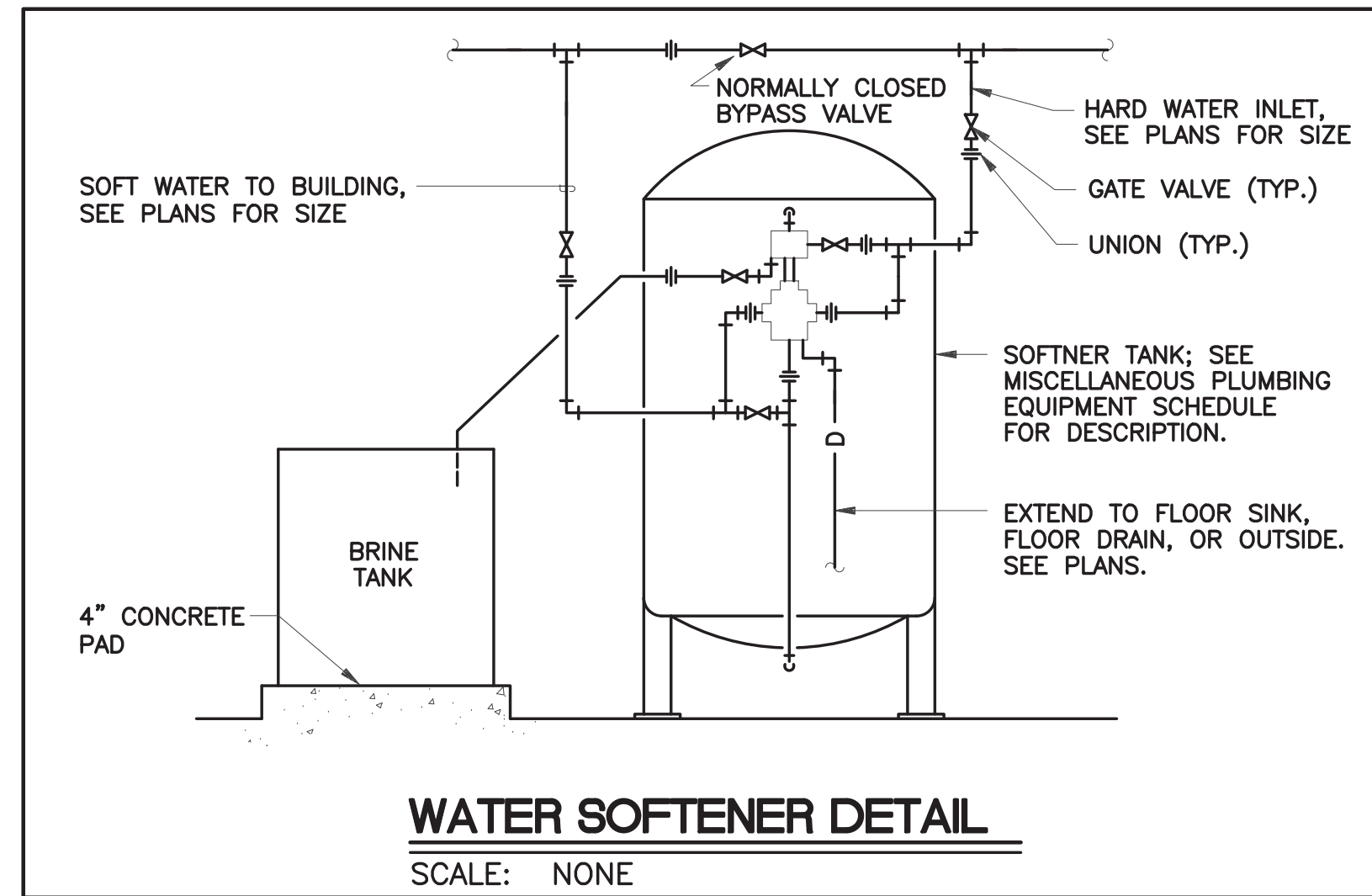
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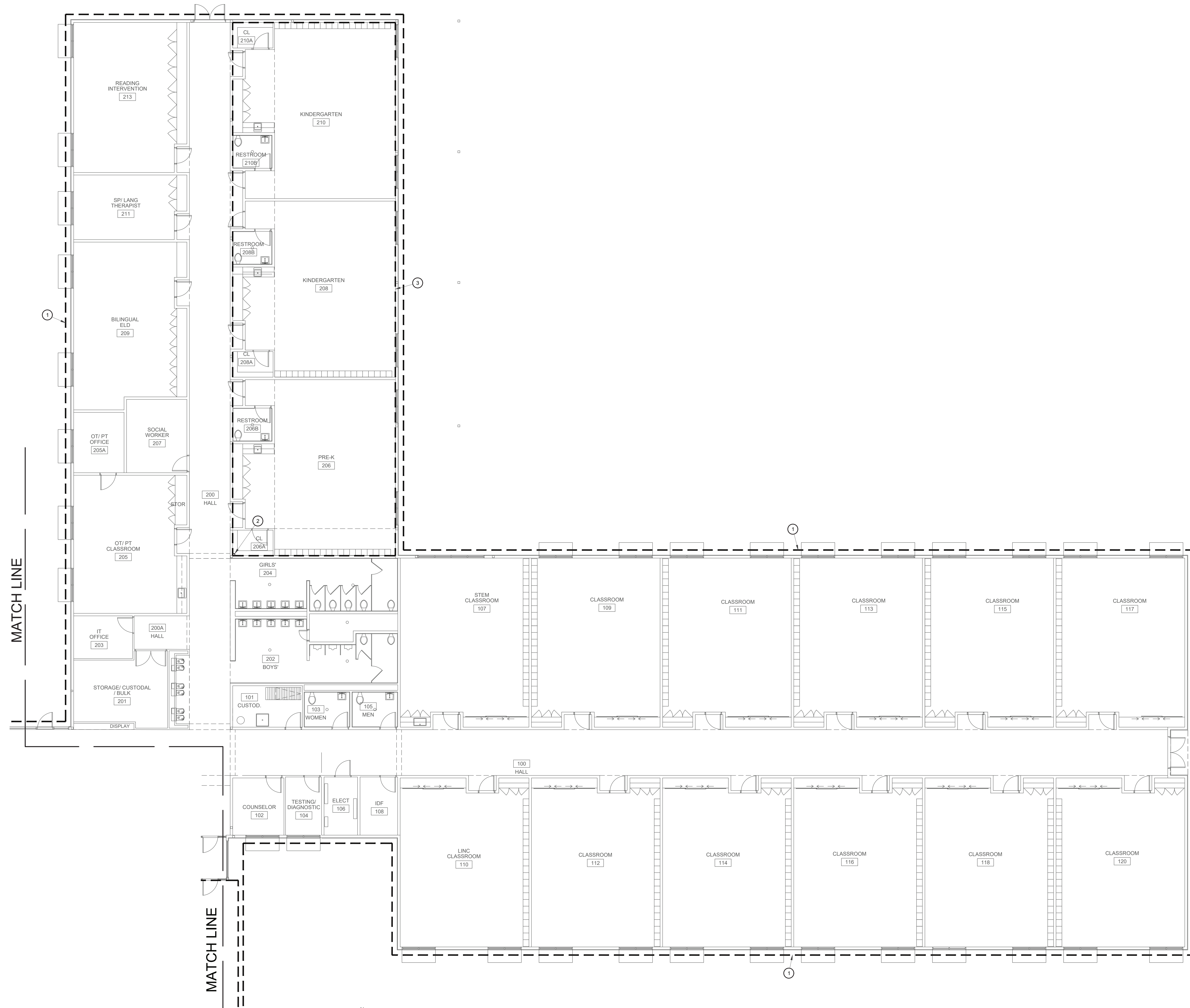


PLUMBING
RISER
DIAGRAMS

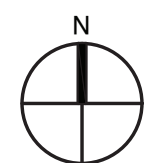
SHEET NO.



CD	DATE	DESCRIPTION



FIRE PROTECTION PLAN - EAST
SCALE: 1/8" = 1'-0"



GENERAL NOTES

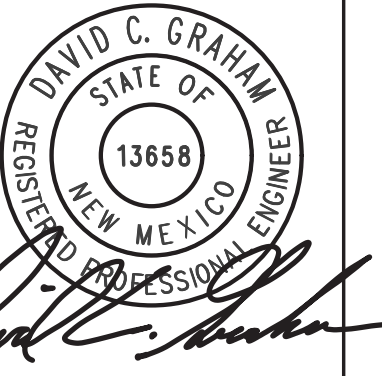
A. REFER TO SHEET FP-501 FOR DETAILS AND GENERAL NOTES.

KEYED NOTES

1. PROVIDE AND INSTALL A COMPLETE WET PIPE FIRE SPRINKLER SYSTEM PER NFPA 13 FOR THE ENTIRE BUILDING.
2. RISE PIPING IN THIS APPROXIMATE AREA BETWEEN HIGH AND LOW CEILING LEVELS. COORDINATE EXACT LOCATION WITH ARCHITECT.
3. PROVIDE FULLY RECESSED SPRINKLER HEADS WITH BRONZE COVERS IN THIS AREA.



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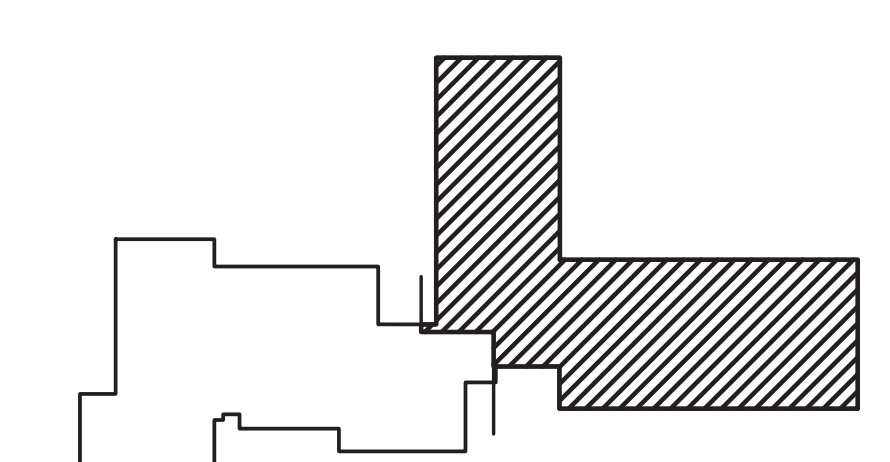
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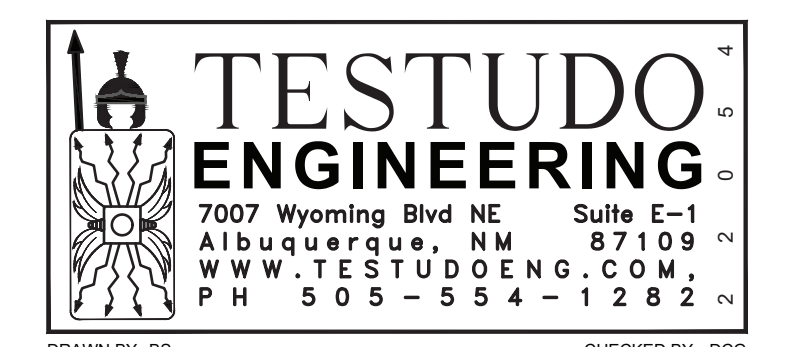
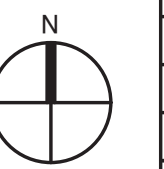
**FIRE
PROTECTION
PLAN - EAST**

SHEET NO.

FP-101



KEY PLAN
SCALE: NTS



DRAWN BY: BS CHECKED BY: DG

GENERAL NOTES

A. REFER TO SHEET FP-501 FOR DETAILS AND GENERAL NOTES.

KEYED NOTES

- REFER TO CIVIL DRAWINGS FOR CONTINUATION OF PIPING.
- INSTALL TWO BACKFLOW PREVENTERS, BFP-1 AND BFP-2, AT THIS LOCATION PER ALL MANUFACTURER'S REQUIREMENTS AND CLEARANCES, RACKED ON WALL TOGETHER. INSTALL DOMESTIC WATER BACKFLOW PREVENTER, BFP-1, PER DETAIL ON SHEET P-501, RACKED NEXT TO THE DOMESTIC WATER BACKFLOW PREVENTER. INSTALL FIRE RISER BACKFLOW PREVENTER, BFP-2, PER DETAIL ON SHEET FP-501. ROUTE BACKFLOW PREVENTER DRAIN LINES THROUGH EXTERIOR WALL FOR EMERGENCY DRAINAGE. REFER TO FIRE RISER DRAIN DETAIL ON SHEET FP-501. EXTEND A 4" LINE TO FIRE DEPARTMENT CONNECTION AS SHOWN. REFER TO CIVIL DRAWINGS FOR LOCATIONS OF FIRE DEPARTMENT CONNECTION AND POST INDICATOR VALVE.
- PROVIDE AND INSTALL A COMPLETE WET PIPE FIRE SPRINKLER SYSTEM PER NFPA 13 FOR THE ENTIRE BUILDING.
- RISE PIPING IN THIS APPROXIMATE AREA BETWEEN HIGH AND LOW CEILING LEVELS. COORDINATE EXACT LOCATION WITH ARCHITECT.
- PIPING IN THIS AREA WITH EXPOSED STRUCTURE SHALL BE ROUTED TIGHT TO STRUCTURE PER ARCHITECT'S DIRECTION.
- PROVIDE AND INSTALL DRY-TYPE FIRE SPRINKLER SIDEWALL HEADS TO PROTECT THIS FREEZABLE AREA.
- PROVIDE FULLY RECESSED SPRINKLER HEADS WITH BRONZE COVERS IN THIS AREA.



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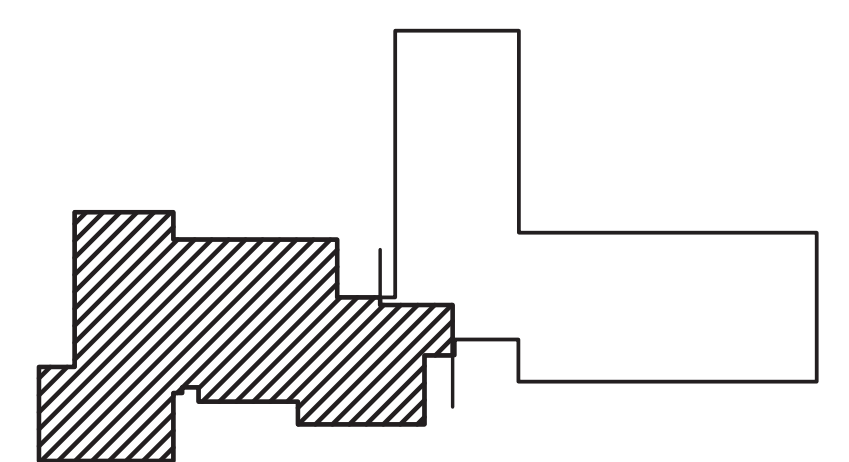
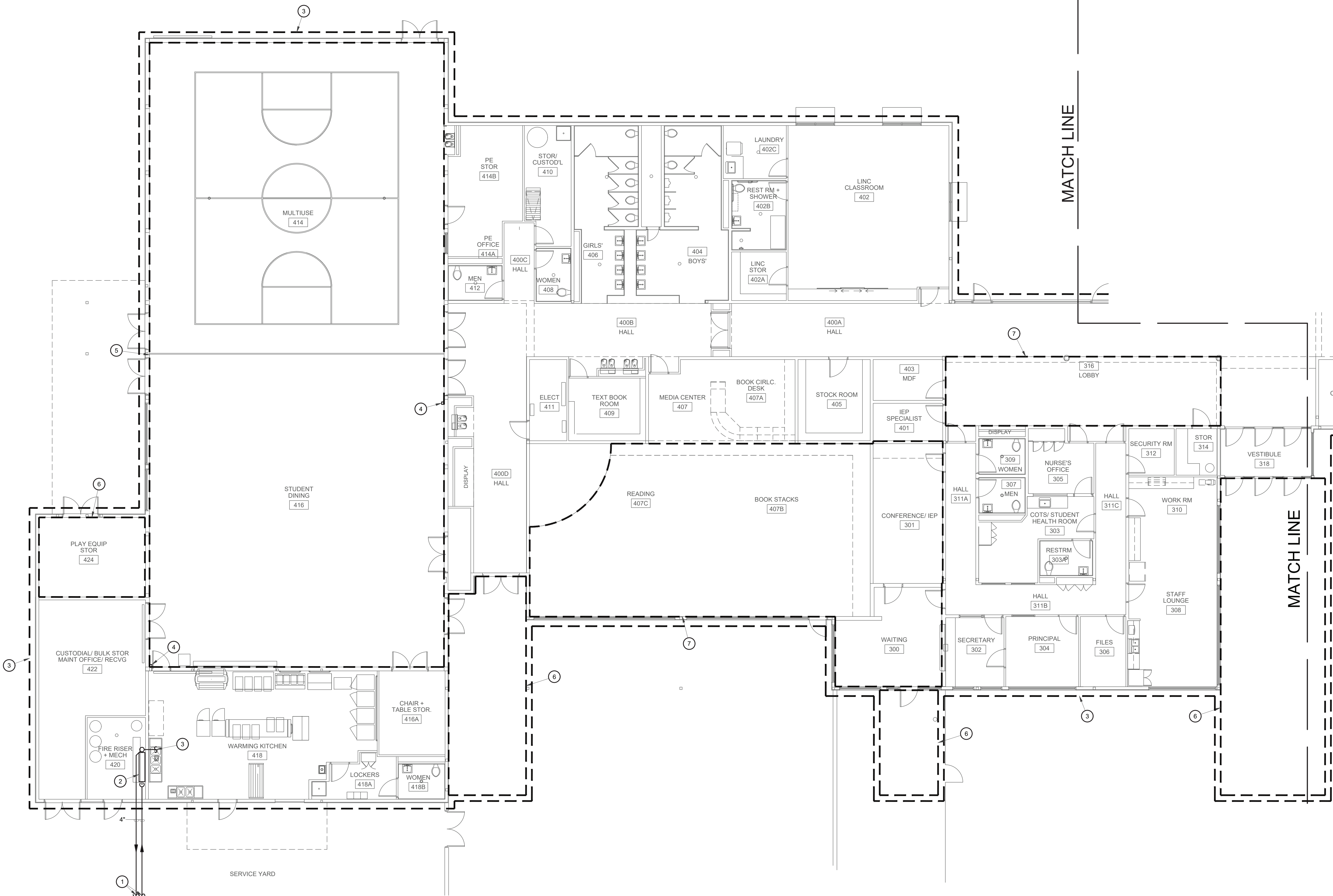
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SHEET TITLE

FIRE
PROTECTION
PLAN - WEST

SHEET NO.

FP-102



KEY PLAN

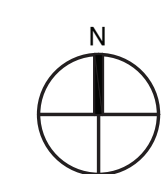
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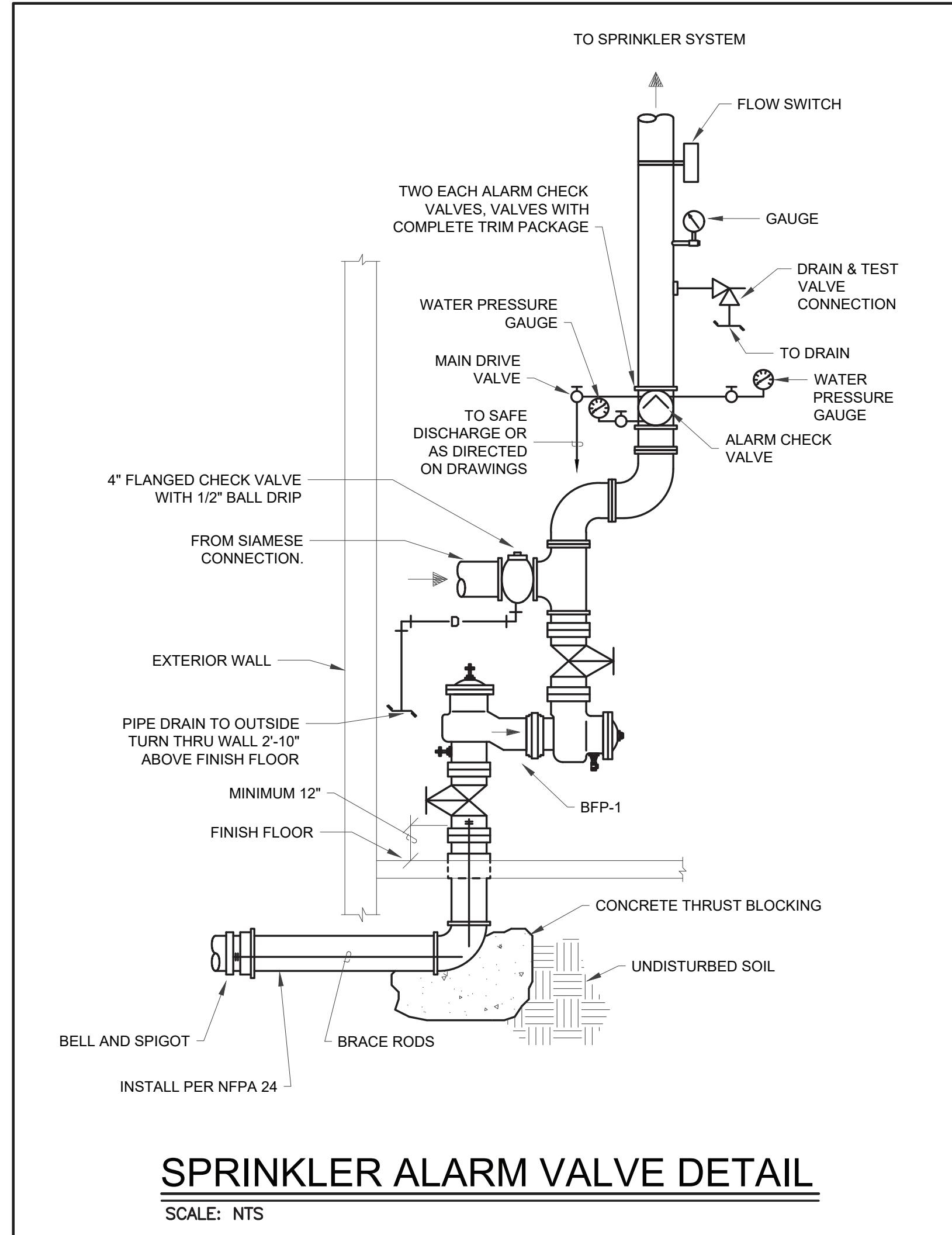
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PH 505-555-4128

DRAWN BY: BS
CHECKED BY: DCS

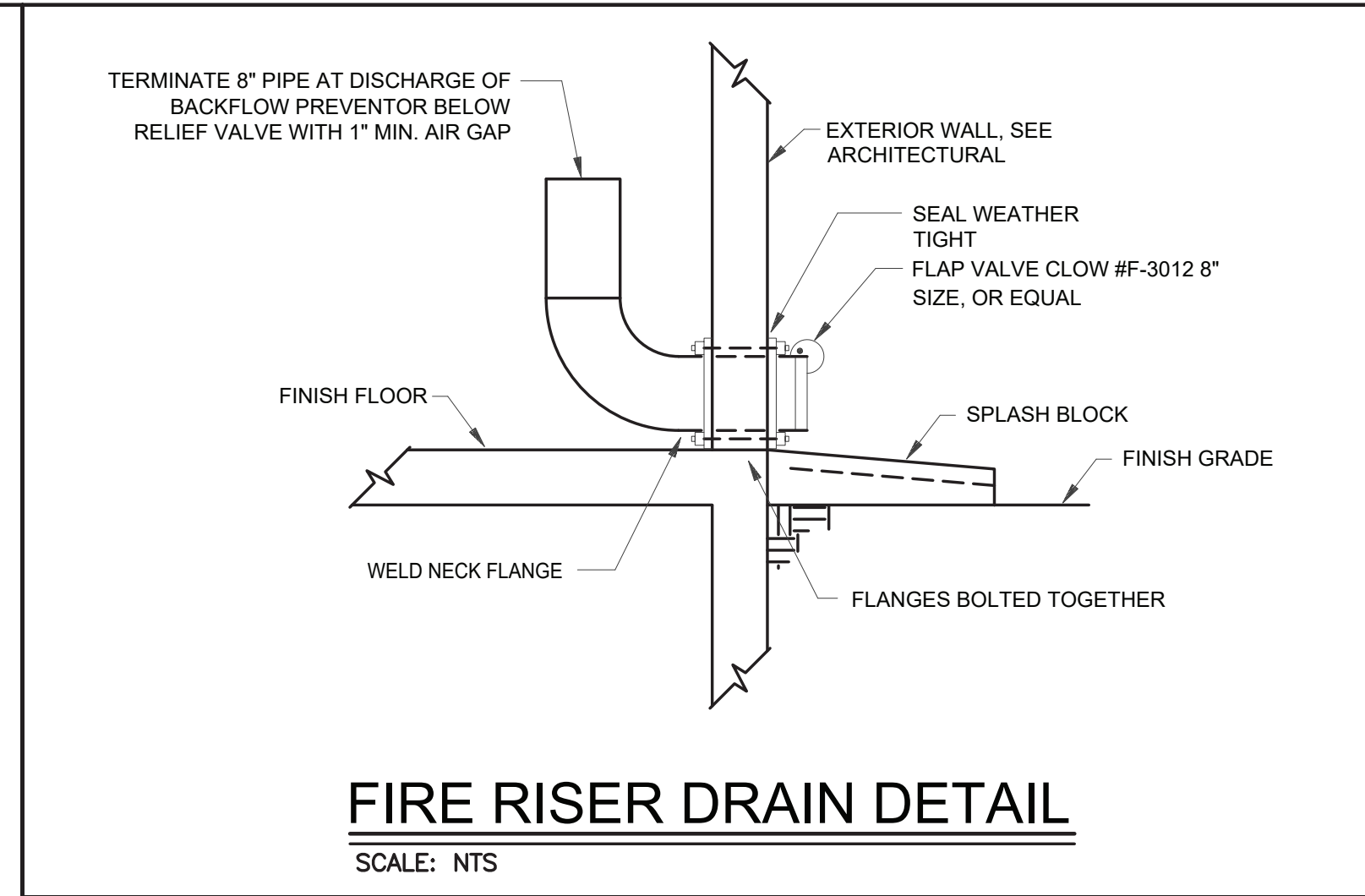
FIRE PROTECTION PLAN - WEST

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

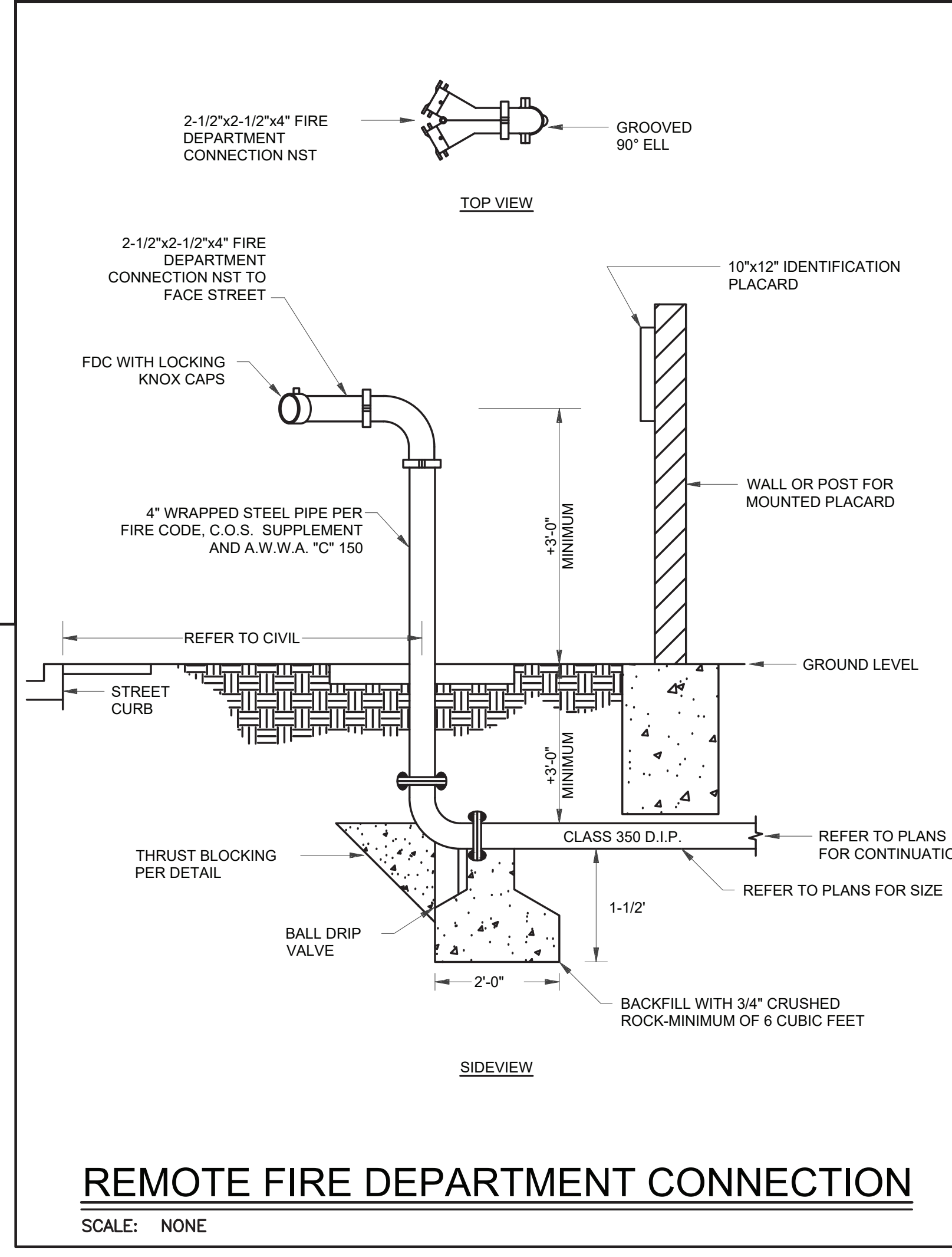




SPRINKLER ALARM VALVE DETAIL
SCALE: NTS



FIRE RISER DRAIN DETAIL
SCALE: NTS



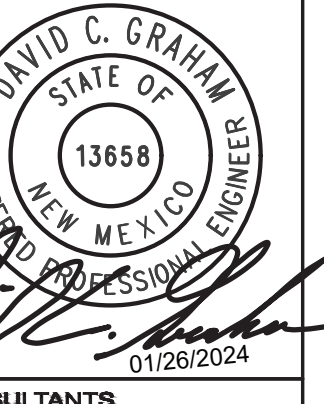
REMOTE FIRE DEPARTMENT CONNECTION
SCALE: NONE

GENERAL NOTES

- A. THE ENTIRE BUILDING SHALL BE PROVIDED WITH A COMPLETE AUTOMATIC WET PIPE FIRE PROTECTION SPRINKLER SYSTEM. IN AREAS WITH CEILINGS, ALL PIPING SHALL BE CONCEALED. IN AREAS WHERE PIPING IS EXPOSED, ALL PIPE FITTINGS AND HANGERS SHALL BE PAINTED, COLOR AS DIRECTED BY ARCHITECT. ALL EXPOSED PIPING SHALL BE RUN AS HIGH AS POSSIBLE AND SHALL BE COORDINATED WITH STRUCTURE, DUCTWORK, OTHER PIPING, ROOF OPENINGS, AND LIGHTING TO BE AS INCONSPICUOUS AS POSSIBLE. LAYOUT SHALL BE SUBMITTED FOR APPROVAL TO CITY OF ROSWELL FIRE DEPARTMENT, CITY OF ROSWELL BUILDING AND INSPECTION DEPARTMENT AND THE ARCHITECT. ALL REQUIRED APPROVALS SHALL BE OBTAINED BEFORE ORDERING MATERIALS OR BEGINNING FABRICATION. ALL HEADS SHALL BE CHROME PLATED, TEMPERATURE RATED AT 165°F, EXCEPT 212°F IN MECHANICAL ROOMS AND OTHER AREAS AS OUTLINED IN NFPA 13. HEADS SHALL HAVE A BRONZE FINISH IN AREAS WITH CEILINGS WITH WOOD APPEARANCE.
- B. DESIGN AND INSTALLATION OF FIRE PROTECTION SYSTEM SHALL CONFORM TO THE LATEST EDITIONS OF NFPA 13, NFPA 101, IBC, AND THE SPECIFICATIONS.
 - 1. THE ENTIRE BUILDING SHALL BE PROTECTED USING A HAZARD CLASSIFICATION OF LIGHT.
 - 2. PIPE RISES TO HIGHER CEILING LEVELS SHALL BE INSTALLED EITHER IN STORAGE ROOMS OR CLOSETS, IF NONE IS AVAILABLE, INSTALL RISE IN AN INCONSPICUOUS LOCATION. COORDINATE LOCATIONS WITH ARCHITECT.
 - 3. INSTALL NEW BACKFLOW PREVENTION DEVICE PER CITY OF ROSWELL REQUIREMENTS AND SPECIFICATION.
- C. DUE TO LIMITED CEILING SPACE, COORDINATION WITH OTHER TRADES SHALL BE REQUIRED PRIOR TO ANY PIPING INSTALLATION. IF SPRINKLER CONTRACTOR FAILS TO PROPERLY COORDINATE HIS PIPING WITH OTHER TRADES, RELOCATION OF SPRINKLER PIPING, ETC. SHALL BE AT HIS OWN EXPENSE, AS DIRECTED BY THE ARCHITECT AND ENGINEER.
- D. SPRINKLER SHOP DRAWINGS SHALL SHOW ALL DUCTWORK, DIFFUSER, LIGHTS, BUS DUCTS, AND OTHER PIPING MAINS, ETC. REQUIRING COORDINATION WITH SPRINKLER MAINS, SPRINKLER HEADS, ETC.
- E. COORDINATE LOCATIONS OF FLOW SWITCHES AND TAMPER SWITCHES WITH ELECTRICAL CONTRACTOR AND PAY FOR ALL REQUIRED ELECTRICAL CONNECTIONS BACK TO MAIN FIRE ALARM PANEL FROM ALL FLOW SWITCHES AND TAMPER SWITCHES.
- F. PROVIDE AND INSTALL "DRY-TYPE" (FREEZE-PROOF) SIDE-WALL SPRINKLER HEAD AT ALL UNHEATED SPACES, COVERED PATIOS, AND AT ALL LOCATIONS SUBJECT TO FREEZING.
- G. THE FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING SITE CONDITIONS, WATER PRESSURE, AND FIRE FLOW PRIOR TO SUBMITTING HIS BID. THIS CONTRACTOR SHALL EXTEND NEW FIRE PROTECTION SUPPLY PIPING FROM FIRE PROTECTION RISER FLANGE IN FIRE PROTECTION RISER ROOM TO ENTIRE BUILDING.
- H. CONTRACTOR SHALL PROVIDE COMPLETE HYDRAULIC CALCULATIONS FOR ALL NEW SYSTEMS.



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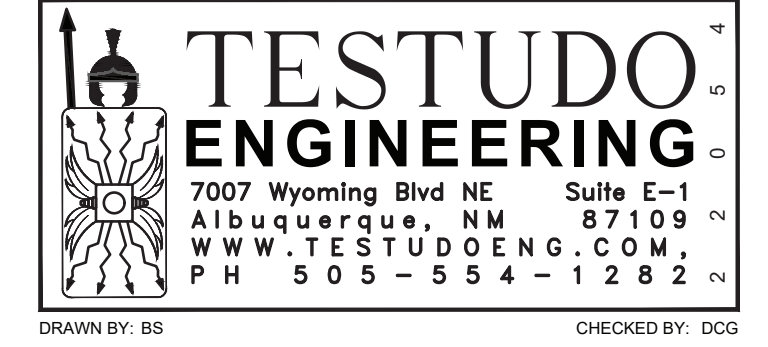
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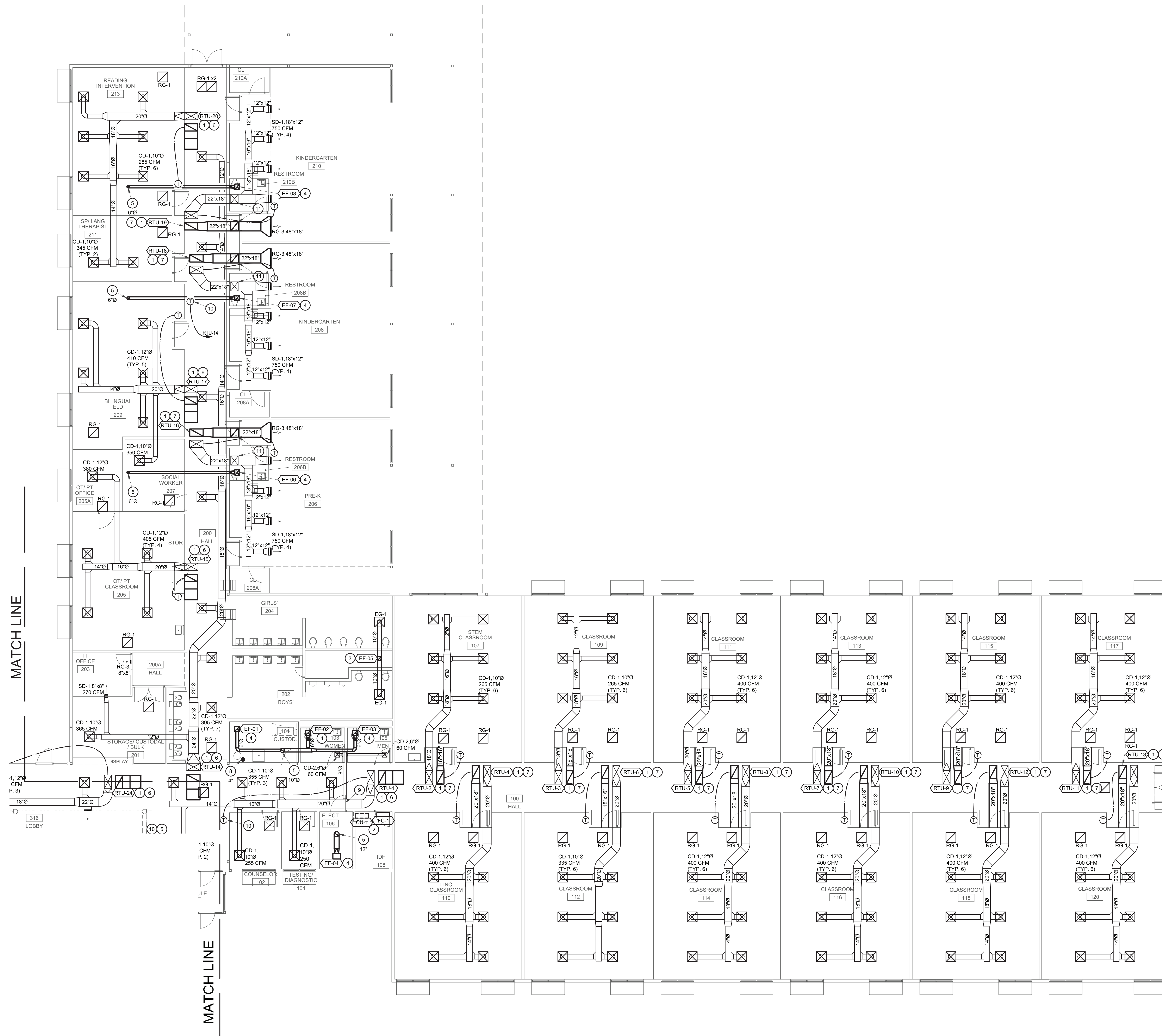
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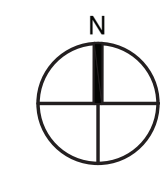
FIRE
PROTECTION
DETAILS

SHEET NO.

FP-501



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

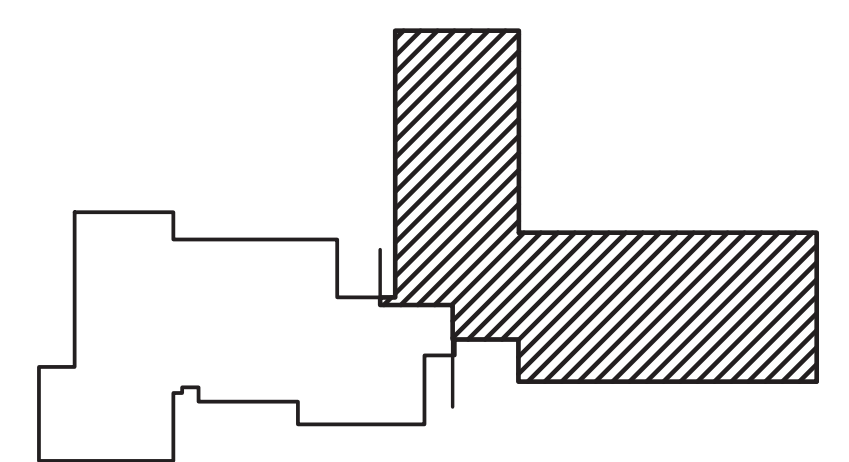


GENERAL NOTES

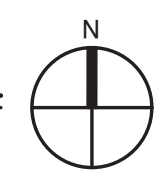
- A. REFER TO SHEET M-501 FOR DETAILS.
- B. REFER TO SHEET M-601 FOR GENERAL NOTES, LEGEND & SCHEDULES.

KEYED NOTES

1. DUCTWORK FROM ROOFTOP UNIT ENTERS BUILDING AT THIS LOCATION. REFER TO SHEET M-201 FOR CONTINUATION AND ROOFTOP UNIT INFORMATION. INSTALL THERMOSTAT AT THE LOCATION SHOWN AND CONNECT AS REQUIRED. ENSURE THAT ANY DUCT SMOKE DETECTOR IS MADE ACCESSIBLE. PROVIDE ACCESS PANELS AS NECESSARY FOR PROPER ACCESS.
2. INSTALL FAN COIL UNIT ON WALL AT THIS LOCATION. INSTALL THERMOSTAT AT THE LOCATION SHOWN AND CONNECT AS REQUIRED. REFER TO SHEET P-101 FOR CONDENSATE ROUTING.
3. EXTEND EXHAUST DUCTWORK UP THROUGH ROOF AT THIS LOCATION TO EXHAUST FAN ABOVE. ENSURE EXHAUST OUTLET IS NOT WITHIN 10' OF ANY AIR INTAKES. REFER TO SHEET M-201 FOR EXHAUST FAN INFORMATION.
4. INSTALL CEILING EXHAUSTER AT THIS LOCATION PER ALL MANUFACTURER'S REQUIREMENTS CLEARANCES. ROUTE DUCTWORK AS SHOWN TO EXTEND THROUGH ROOF.
5. EXTEND EXHAUST DUCTWORK UP THROUGH ROOF AT THIS LOCATION. FINISH ABOVE ROOF WITH ROOF CAP PER DETAIL ON SHEET M-501. ENSURE EXHAUST OUTLET IS NOT WITHIN 10' OF ANY AIR INTAKES.
6. INSTALL SOUND ELBOW ON RETURN AIR OPENING PER DETAIL ON SHEET M-501.
7. INSTALL 1" ACOUSTICAL LINING IN RETURN AIR DUCTWORK. DUCTWORK SIZES ARE INDICATED AS FREE AREA DIMENSIONS.
8. CONNECT COMBUSTION AIR AND FLUE TO WATER HEATER AT THIS LOCATION PER ALL MANUFACTURER'S REQUIREMENTS AND CLEARANCES. INSTALL CONCENTRIC VENT ASSEMBLY PER DETAIL ON SHEET M-501 AND ROUTE CONCENTRIC VENT STRAIGHT UP THROUGH ROOF. SIZE FLUE AS NOTED ON PLAN. ENSURE FLUE OUTLET IS NOT WITHIN 10' OF ANY AIR INTAKES. REFER TO PLUMBING FOR MORE INFORMATION.
9. INSTALL LOUVER, LV-1, IN THIS DOOR PER ALL MANUFACTURER'S REQUIREMENTS AND CLEARANCES TO ALLOW FOR MAKEUP AIR THROUGH DOOR.
10. ENSURE THAT THE COVER PROVIDED FOR THIS THERMOSTAT IS IMPACT RESISTANT.
11. ROUTE DUCTWORK DOWN WITHIN SOFFIT AT THIS APPROXIMATE LOCATION. COORDINATE EXACT ROUTING WITH OTHER TRADES.



KEY PLAN
SCALE: NTS



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MECHANICAL PLAN - EAST

SHEET NO.

GENERAL NOTES

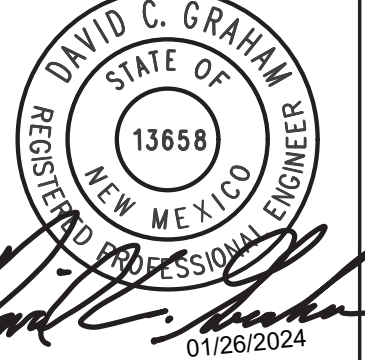
- A. REFER TO SHEET M-501 FOR DETAILS.
- B. REFER TO SHEET M-601 FOR GENERAL NOTES, LEGEND & SCHEDULES.

KEYED NOTES

1. DUCTWORK FROM ROOFTOP UNIT ENTERS BUILDING AT THIS LOCATION. REFER TO SHEET M-202 FOR CONTINUATION AND ROOFTOP UNIT INFORMATION. INSTALL THERMOSTAT AT THE LOCATION SHOWN AND CONNECT AS REQUIRED. ENSURE THAT ANY DUCT SMOKE DETECTOR IS MADE ACCESSIBLE. PROVIDE ACCESS PANELS AS NECESSARY FOR PROPER ACCESS.
2. INSTALL FAN COIL UNIT ON WALL AT THIS LOCATION. INSTALL THERMOSTAT AT THE LOCATION SHOWN AND CONNECT AS REQUIRED. REFER TO SHEET P-102 FOR CONDENSATE ROUTING.
3. EXTEND EXHAUST DUCTWORK UP THROUGH ROOF AT THIS LOCATION TO EXHAUST FAN ABOVE. ENSURE EXHAUST OUTLET IS NOT WITHIN 10' OF ANY AIR INTAKES. REFER TO SHEET M-202 FOR EXHAUST FAN INFORMATION.
4. INSTALL CEILING EXHAUSTER AT THIS LOCATION PER ALL MANUFACTURER'S REQUIREMENTS CLEARANCES. ROUTE DUCTWORK AS SHOWN TO EXTEND THROUGH ROOF.
5. EXTEND EXHAUST DUCTWORK UP THROUGH ROOF AT THIS LOCATION. FINISH ABOVE ROOF WITH ROOF CAP PER DETAIL ON SHEET M-501. ENSURE EXHAUST OUTLET IS NOT WITHIN 10' OF ANY AIR INTAKES.
6. INSTALL SOUND ELBOW ON RETURN AIR OPENING PER DETAIL ON SHEET M-501.
7. INSTALL 1" ACOUSTICAL LINING IN RETURN AIR DUCTWORK. DUCTWORK SIZES ARE INDICATED AS FREE AREA DIMENSIONS.
8. CONNECT COMBUSTION AIR AND FLUE TO WATER HEATER AT THIS LOCATION PER ALL MANUFACTURER'S REQUIREMENTS AND CLEARANCES. INSTALL CONCENTRIC VENT ASSEMBLY PER DETAIL ON SHEET M-501 AND ROUTE CONCENTRIC VENT STRAIGHT UP THROUGH ROOF. SIZE FLUE AS NOTED ON PLAN. ENSURE FLUE OUTLET IS NOT WITHIN 10' OF ANY AIR INTAKES. REFER TO PLUMBING FOR MORE INFORMATION.
9. PROVIDE COMBUSTION AIR AND FLUE TO WATER HEATER AT THIS LOCATION PER ALL MANUFACTURER'S REQUIREMENTS AND CLEARANCES. INSTALL CONCENTRIC VENT ASSEMBLY PER DETAIL ON SHEET M-501. ROUTE CONCENTRIC VENT AS SHOWN AND EXTEND UP THROUGH ROOF AT THE LOCATION SHOWN. SIZE FLUE AS NOTED ON PLAN. ENSURE FLUE OUTLET IS NOT WITHIN 10' OF ANY AIR INTAKES. REFER TO PLUMBING FOR MORE INFORMATION.
10. INSTALL THIS EXHAUST FAN ON EXTENDED ROOF CURB TO ENSURE THAT EXHAUST OUTLET IS AT LEAST 3' ABOVE NEARBY COMBUSTION AIR INTAKE.
11. PROVIDE FIRE DAMPER IN DUCT THROUGH FIRE RATED WALL AT THIS LOCATION PER DETAIL ON SHEET M-501.
12. EXTEND DRYER VENT FROM DRYER AT THIS LOCATION AND EXTEND THROUGH EXTERIOR WALL AS SHOWN. FINISH WITH DRYER VENT CAP. VENT SHALL BE SIZED PER DRYER MANUFACTURER'S REQUIREMENTS AND CLEARANCES. COORDINATE WORK WITH ARCHITECT.
13. PROVIDE THIS RETURN GRILLE WITH A RETURN AIR SOUND ELBOW PER DETAIL ON SHEET M-501.
14. INSTALL LOUVER, LV-1, IN THIS DOOR PER ALL MANUFACTURER'S REQUIREMENTS AND CLEARANCES TO ALLOW FOR MAKEUP AIR THROUGH DOOR.
15. ENSURE THAT THE COVER PROVIDED FOR THIS THERMOSTAT IS IMPACT RESISTANT.



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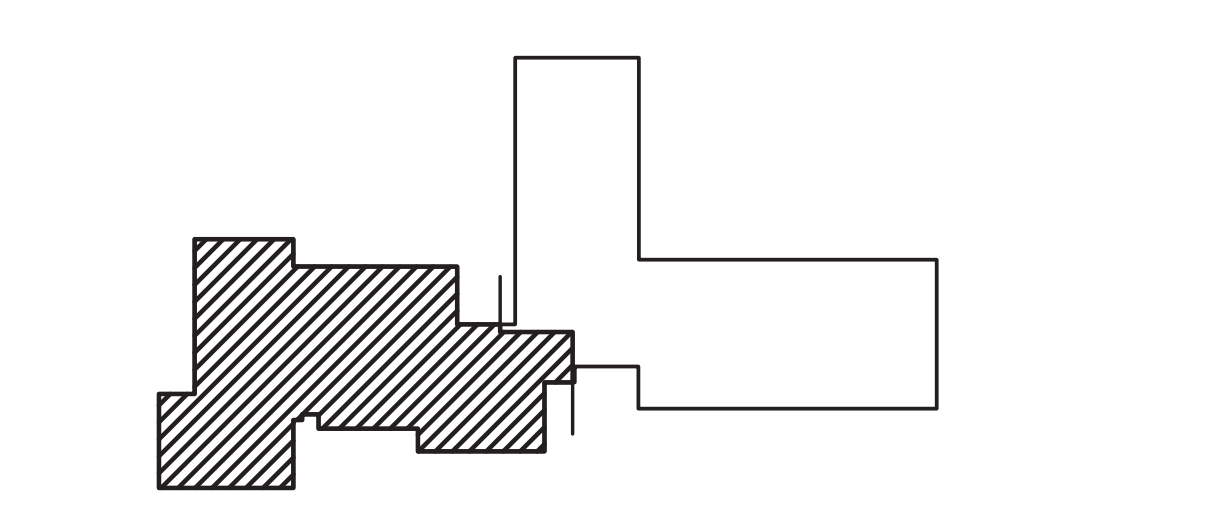
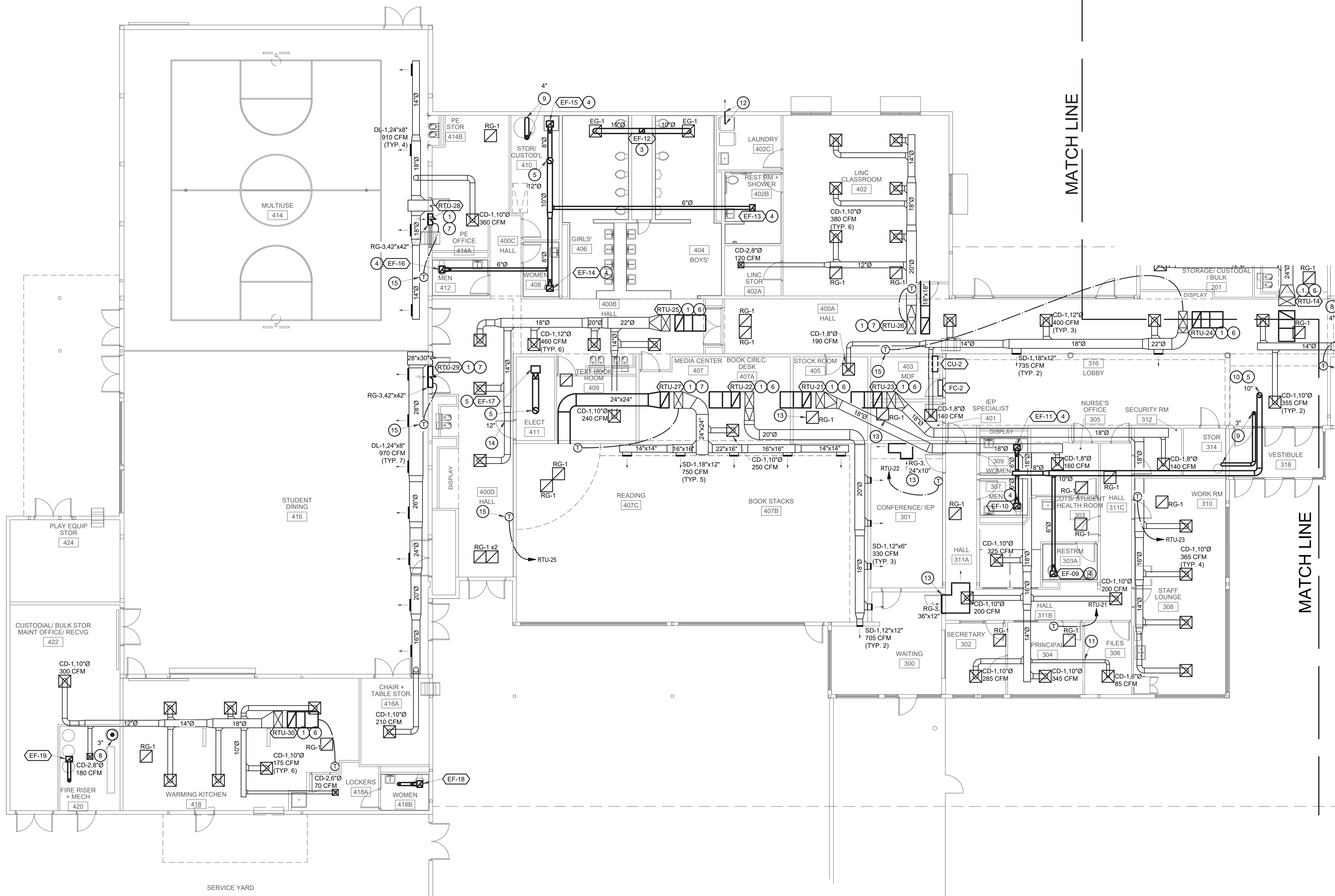
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MECHANICAL
PLAN - WEST

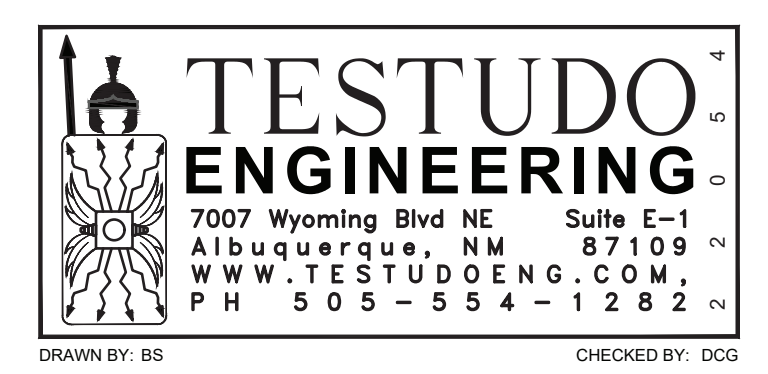
SHEET NO.

M-102

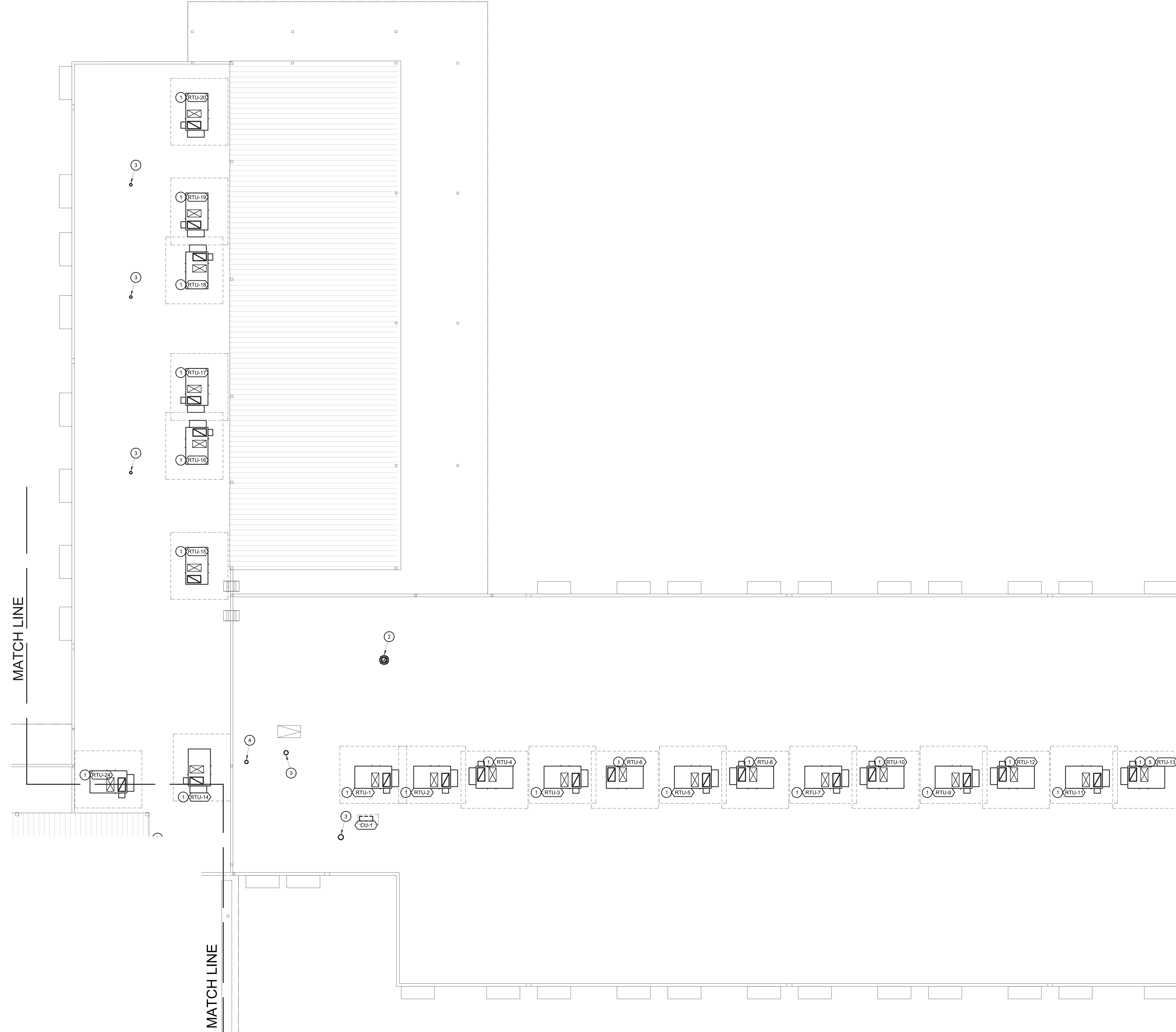


KEY PLAN
SCALE: NTS

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



DRAWN BY: BS CHECKED BY: DCG



MECHANICAL ROOF PLAN - EAST
SCALE: 1/8" = 1'-0"

GENERAL NOTES

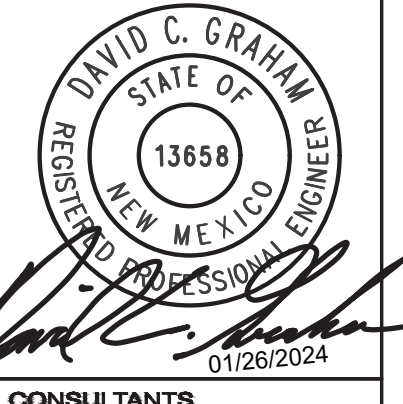
- A. REFER TO SHEET M-501 FOR DETAILS.
- B. REFER TO SHEET M-601 FOR GENERAL NOTES, LEGEND & SCHEDULES.

KEYED NOTES

1. INSTALL ROOFTOP UNIT AT THIS LOCATION PER ALL MANUFACTURER'S REQUIREMENTS AND CLEARANCES. EXTEND DUCTWORK DOWN THROUGH ROOF. REFER TO SHEET M-101 FOR ROUTING OF DUCTWORK. REFER TO P-201 FOR NATURAL GAS AND CONDENSATE CONNECTION AND ROUTING.
2. INSTALL ROOF MOUNTED EXHAUST FAN AT THIS LOCATION PER ALL MANUFACTURER'S REQUIREMENTS AND CLEARANCES AND PER DETAIL ON SHEET M-501. REFER TO SHEET M-101 FOR DUCTWORK ROUTING BELOW ROOF.
3. INSTALL ROOF CAP AT THIS LOCATION PER DETAIL ON SHEET M-501. REFER TO SHEET M-101 FOR DUCTWORK ROUTING AND EXHAUST FAN LOCATION(S) BELOW ROOF.
4. FINISH COMBUSTION AIR/FLUE CONCENTRIC ASSEMBLY THROUGH ROOF AT THIS LOCATION PER DETAIL ON SHEET M-501.
5. PROVIDE THIS ROOFTOP UNIT WITH A FALL RESTRAINT SYSTEM THAT IS FULLY COMPLIANT WITH THE REQUIREMENTS OF OSHA STANDARD NUMBERS 1910.28 AND 1940.140. PROVIDE A WARNING LINE 15' FROM THE EDGE OF THE ROOF. THE FALL RESTRAINT SYSTEM SHALL INCLUDE TIE-OFF ANCHORS, HARNESSES, TETHERS, CARABINERS, ETC. MEMBERS OF THE MAINTENANCE TEAMS SHALL BE TRAINED ON PROPER FALL RESTRAINT PROCEDURES AND PRECAUTIONS. THE FALL RESTRAINT SYSTEM SHALL BE UTILIZED ANY TIME MAINTENANCE OR REPAIRS ARE PERFORMED ON THIS UNIT.



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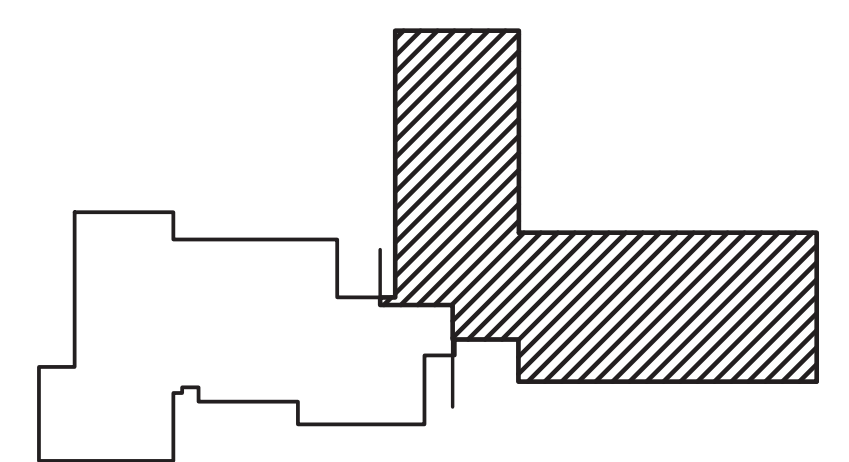


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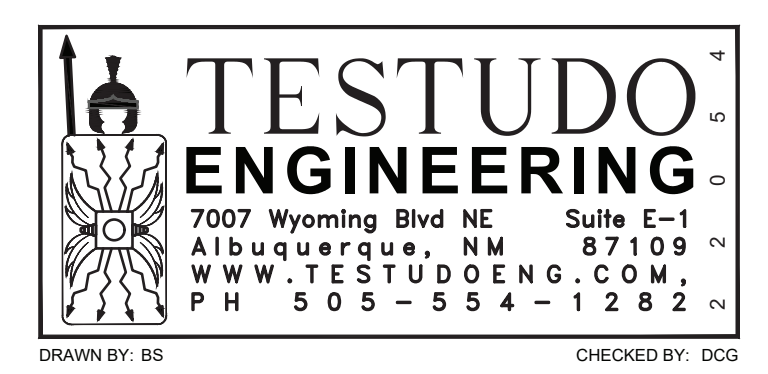
NANCY LOPEZ
ELEMENTARY
SCHOOL

1600 E. TILDEN
STREET
ROSWELL,
NEW MEXICO
88203

OWNER:
ROSWELL
INDEPENDENT
SCHOOL
DISTRICT



KEY PLAN
SCALE: NTS



CD	DATE	DESCRIPTION
	12.22.2023	PERMIT

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PSFA JOB NO: P19-010
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SHEET TITLE

**MECHANICAL
ROOF PLAN -
EAST**

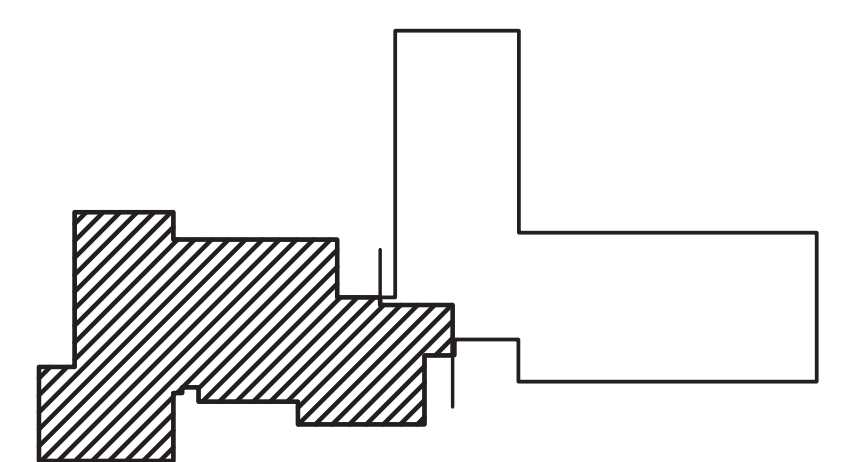
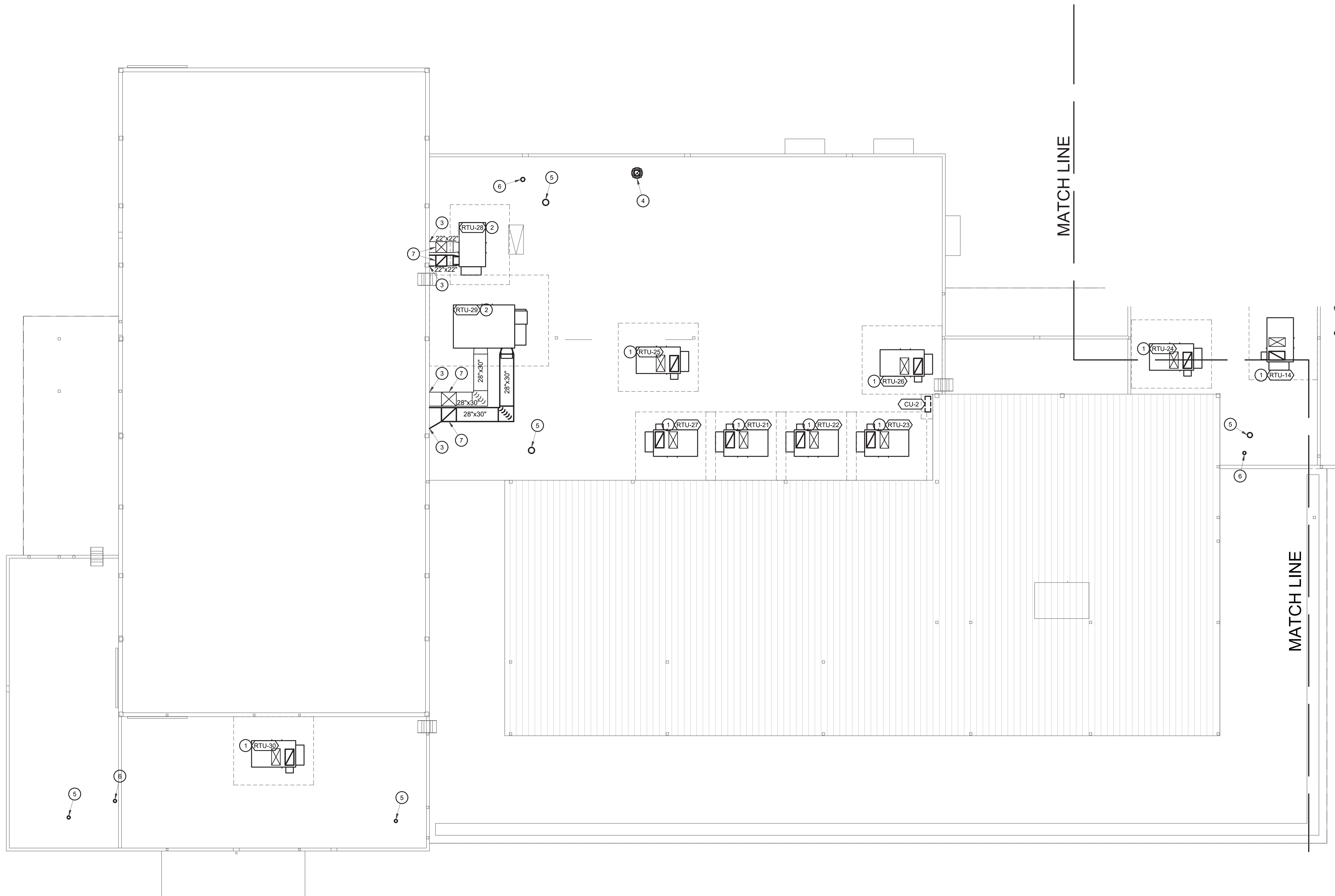
SHEET NO.

GENERAL NOTES

- A. REFER TO SHEET M-501 FOR DETAILS.
- B. REFER TO SHEET M-601 FOR GENERAL NOTES, LEGEND & SCHEDULES.

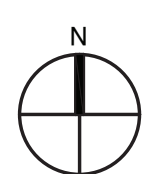
KEYED NOTES

1. INSTALL ROOFTOP UNIT AT THIS LOCATION PER ALL MANUFACTURER'S REQUIREMENTS AND CLEARANCES. EXTEND DUCTWORK DOWN THROUGH ROOF. REFER TO SHEET M-102 FOR ROUTING OF DUCTWORK. REFER TO P-202 FOR NATURAL GAS AND CONDENSATE CONNECTION AND ROUTING.
2. INSTALL ROOFTOP UNIT AT THIS LOCATION PER ALL MANUFACTURER'S REQUIREMENTS AND CLEARANCES. EXTEND DUCTWORK HORIZONTALLY AS SHOWN AND THROUGH EXTERIOR WALL AT THE LOCATION SHOWN. INSULATE EXTERIOR DUCTWORK PER DETAIL ON SHEET M-501. REFER TO SHEET M-102 FOR ROUTING OF DUCTWORK. REFER TO P-202 FOR NATURAL GAS AND CONDENSATE CONNECTION AND ROUTING.
3. EXTEND DUCTWORK THROUGH EXTERIOR WALL AT THIS LOCATION. REFER TO SHEET M-102 FOR CONTINUATION.
4. INSTALL ROOF MOUNTED EXHAUST FAN AT THIS LOCATION PER ALL MANUFACTURER'S REQUIREMENTS AND CLEARANCES AND PER DETAIL ON SHEET M-501. REFER TO SHEET M-102 FOR DUCTWORK ROUTING BELOW ROOF.
5. INSTALL ROOF CAP AT THIS LOCATION PER DETAIL ON SHEET M-501. REFER TO SHEET M-102 FOR DUCTWORK ROUTING AND EXHAUST FAN LOCATION(S) BELOW ROOF.
6. FINISH COMBUSTION AIR/FLUE CONCENTRIC ASSEMBLY THROUGH ROOF AT THIS LOCATION PER DETAIL ON SHEET M-501.
7. RISE DUCTWORK ALONG EXTERIOR OF WALL BEFORE PENETRATING THROUGH EXTERIOR WALL. COORDINATE EXACT ROUTING WITH OTHER TRADES.



KEY PLAN
 SCALE: NTS

MECHANICAL ROOF PLAN - WEST
 SCALE: 1/8" = 1'-0"



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 ROSWELL,
 NEW MEXICO
 88203

OWNER:
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 DISTRICT

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 SHEET TITLE

TESTUDO ENGINEERING

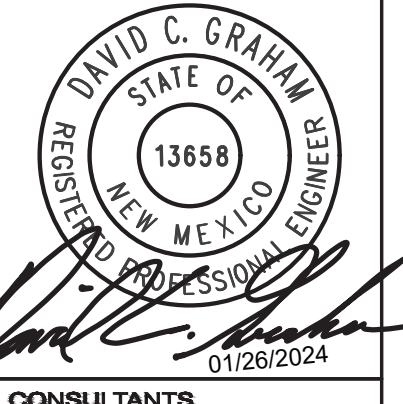
7007 Wyoming Blvd NE, Suite E-1
 Albuquerque, NM 87109
 WWW.TESTUDOENG.COM
 PH 505-555-4128

DRAWN BY: BS
 CHECKED BY: DGG

MECHANICAL ROOF PLAN - WEST

SHEET NO.
 M-202

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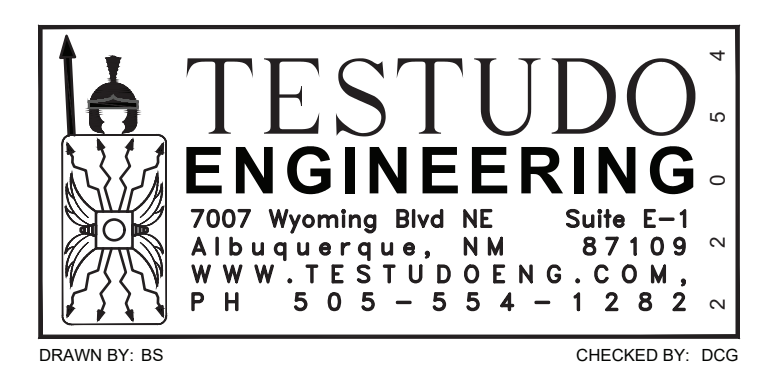
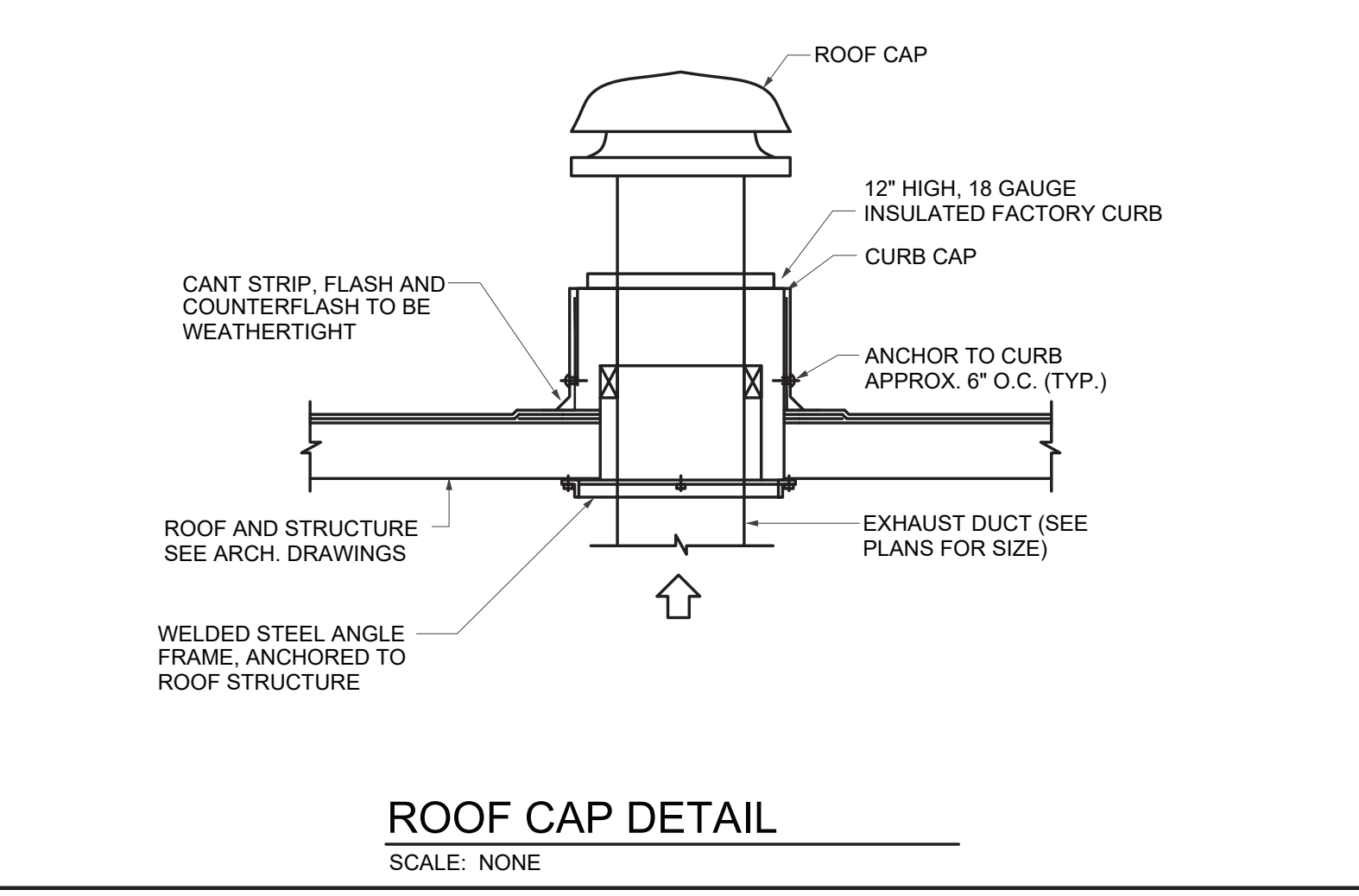
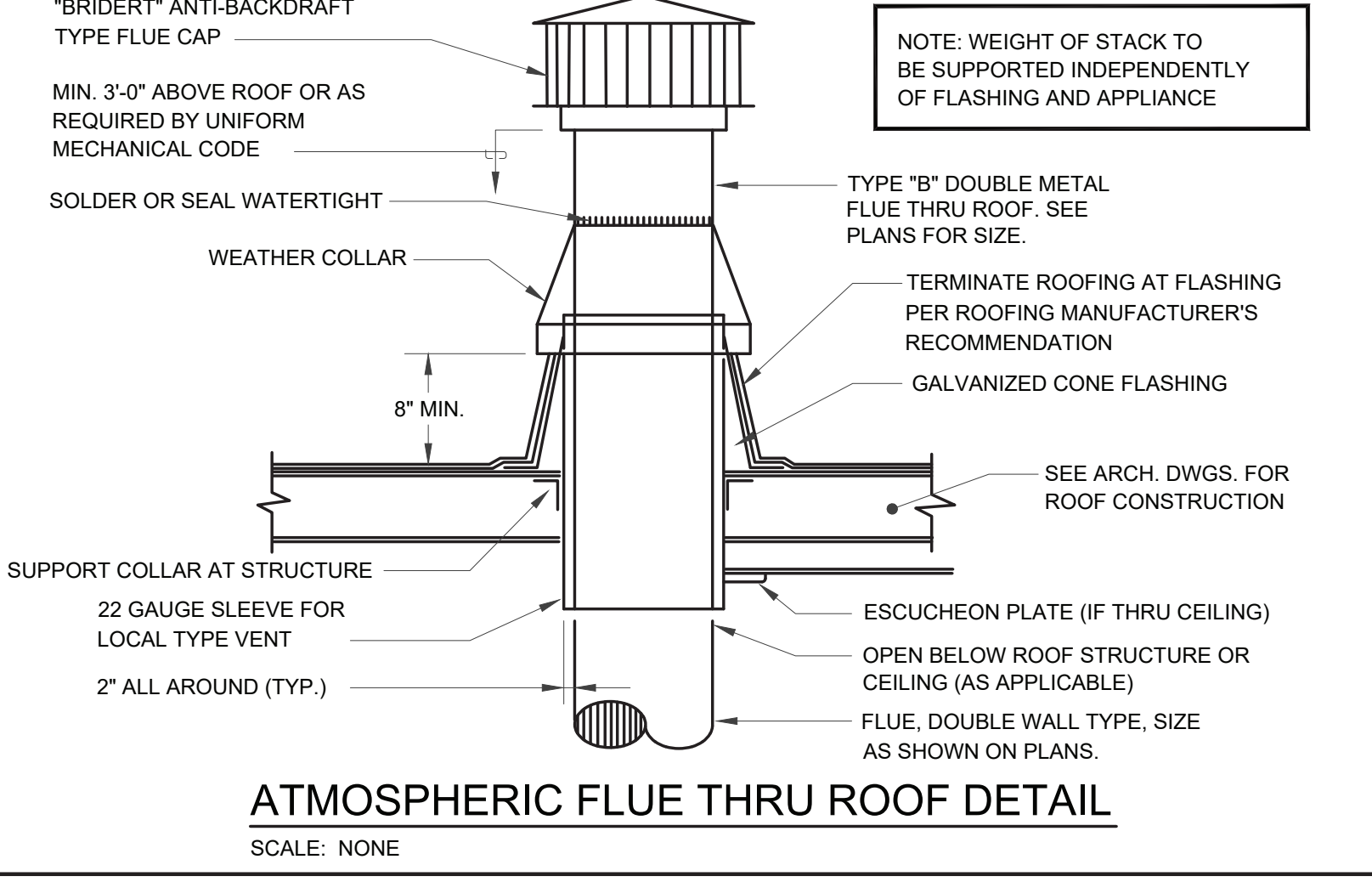
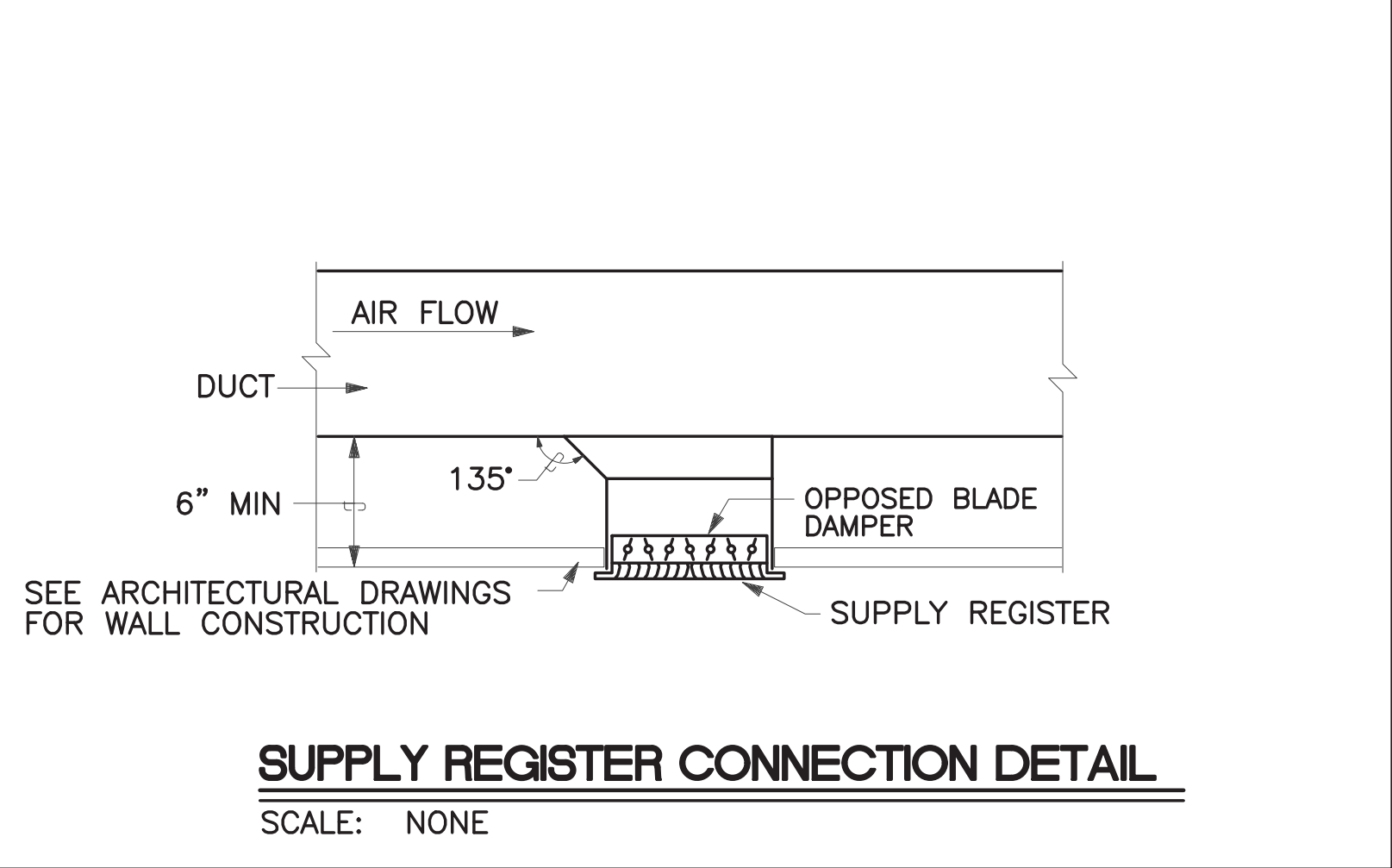
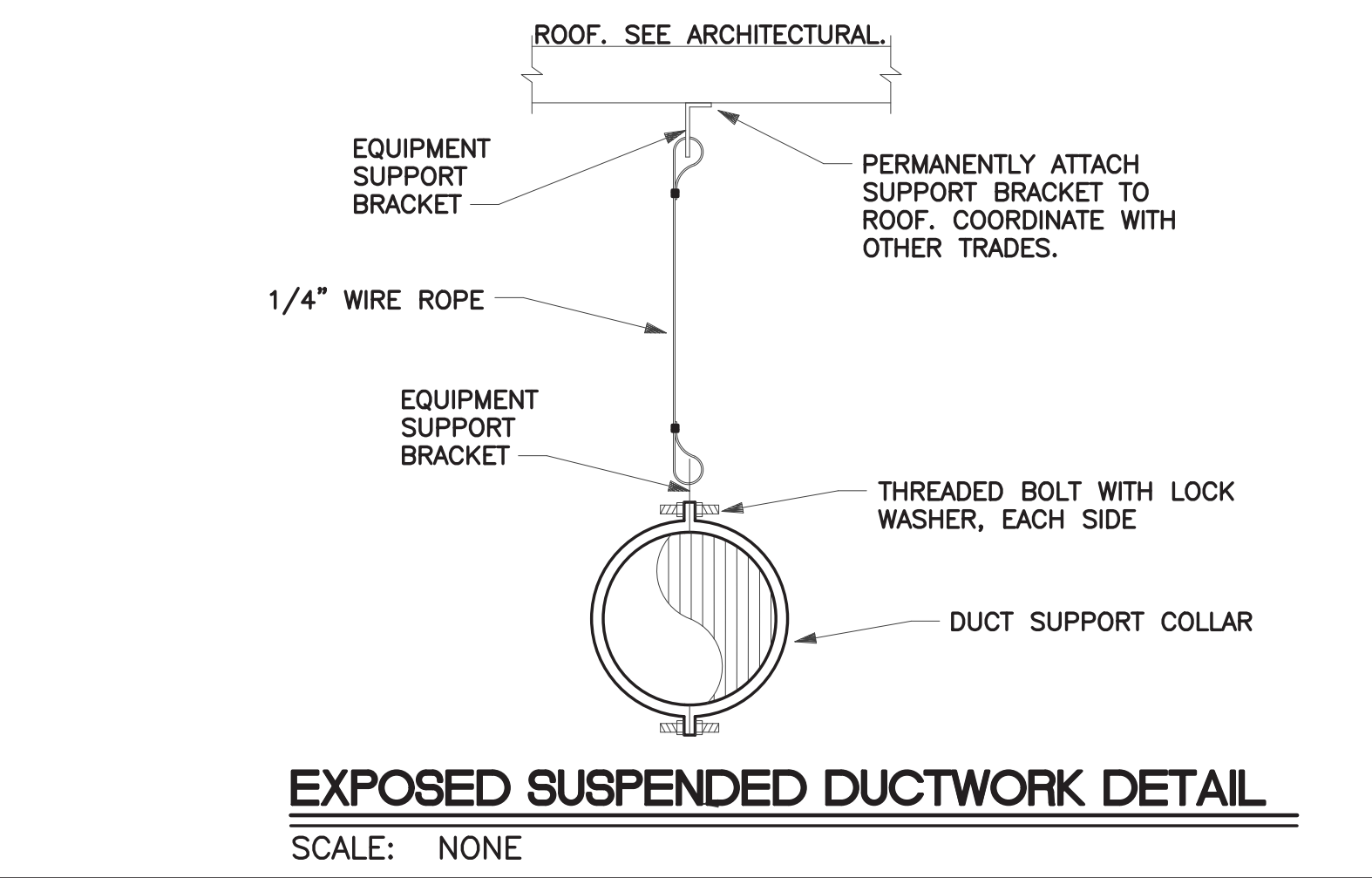
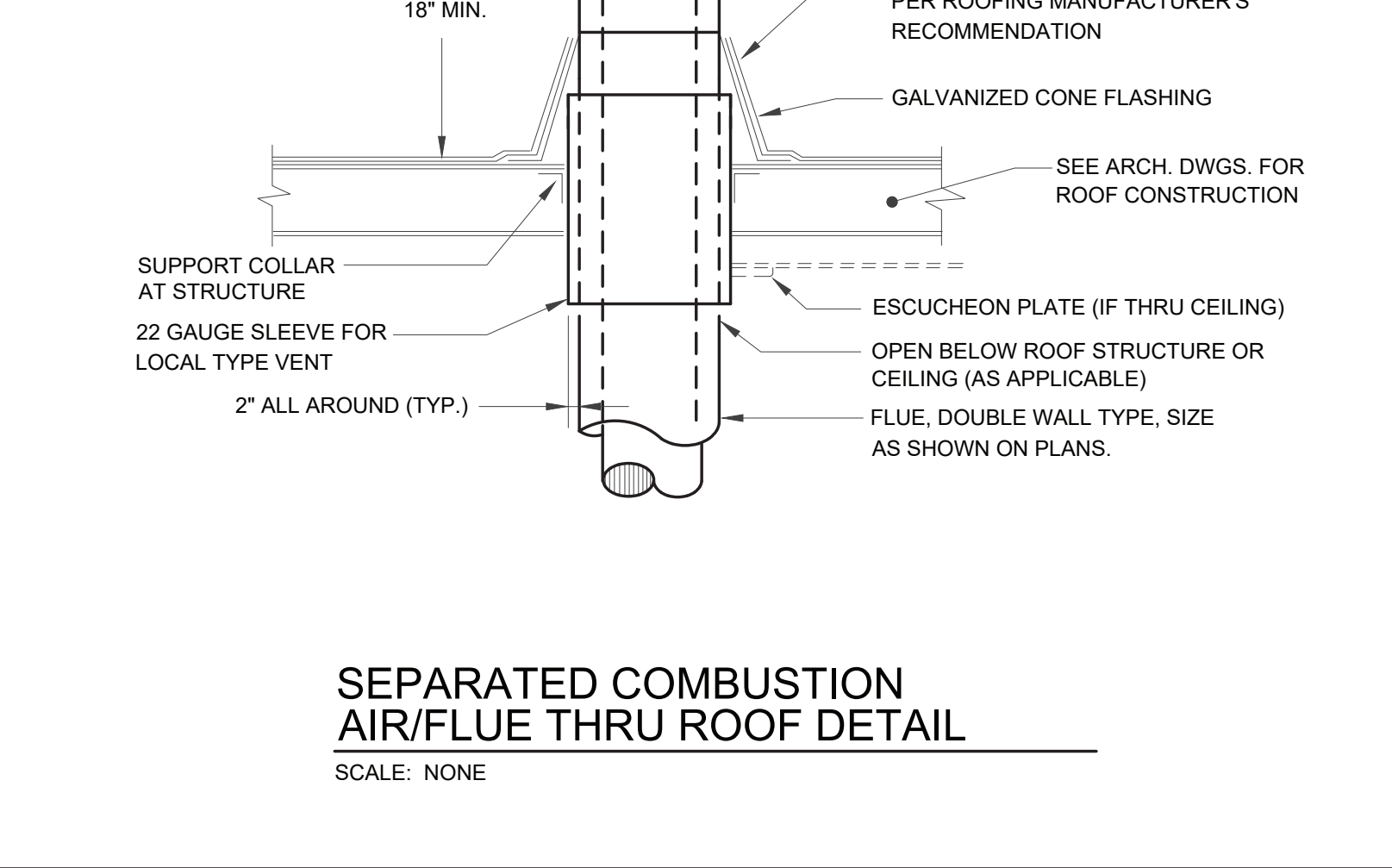
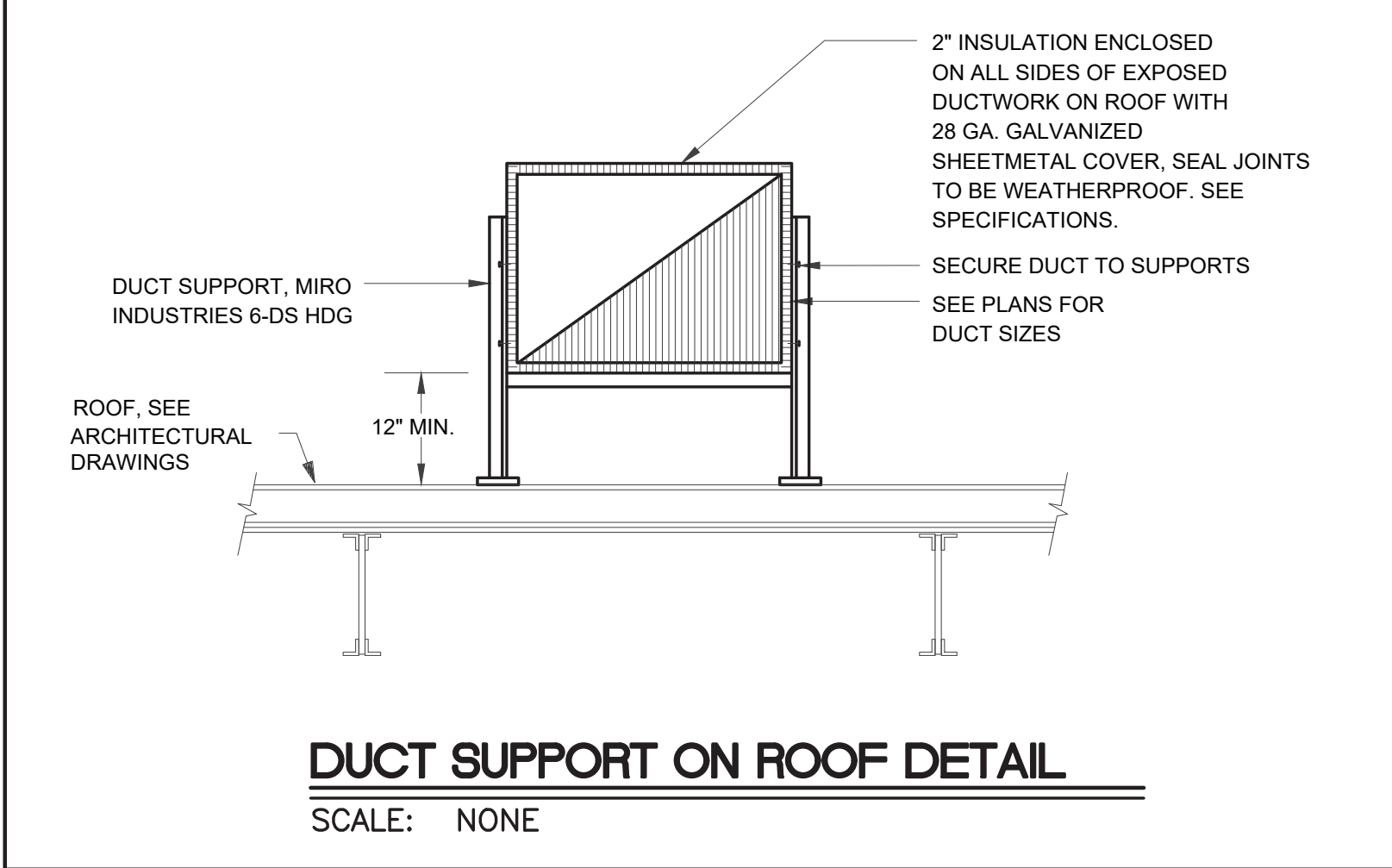
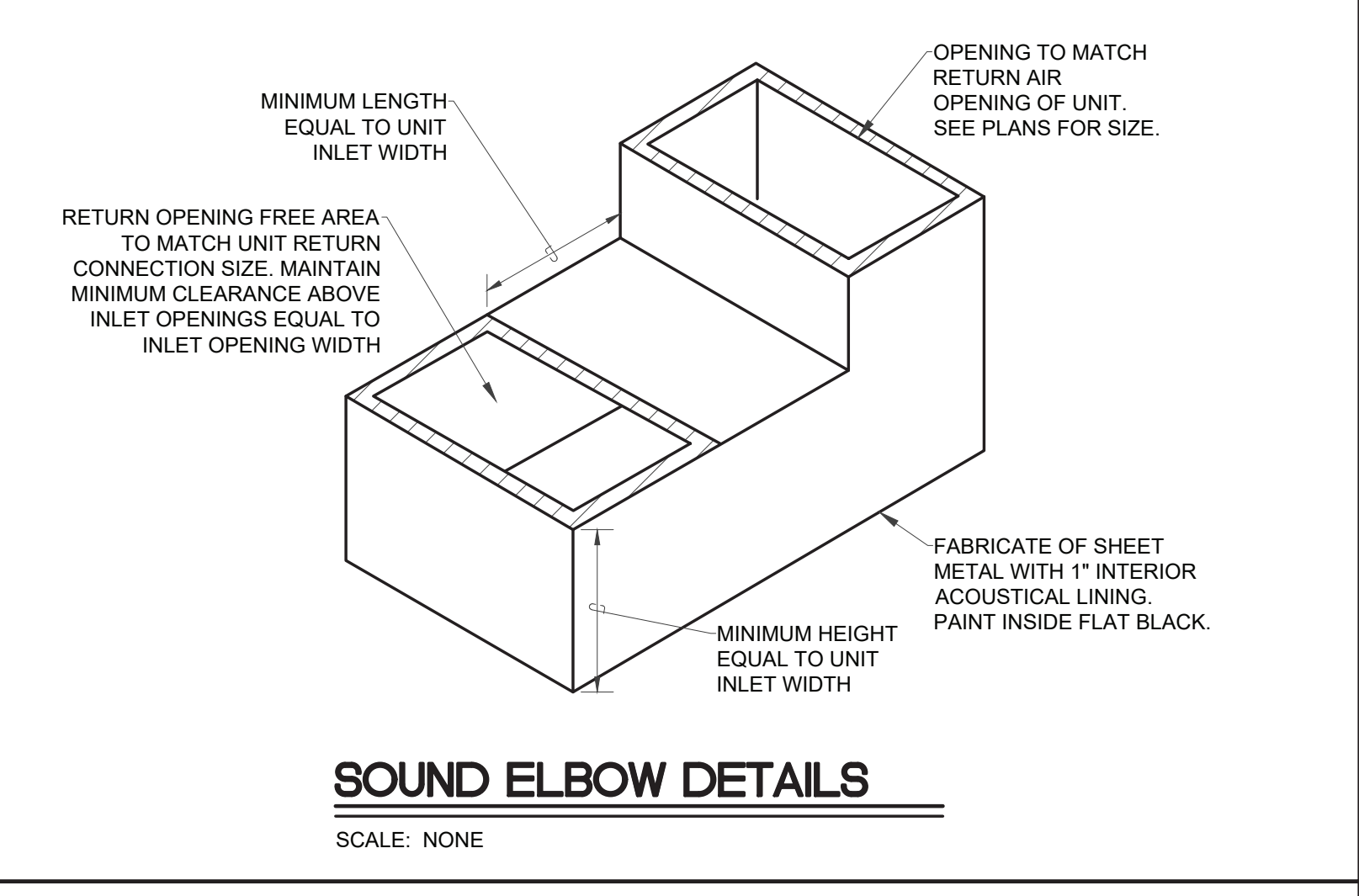
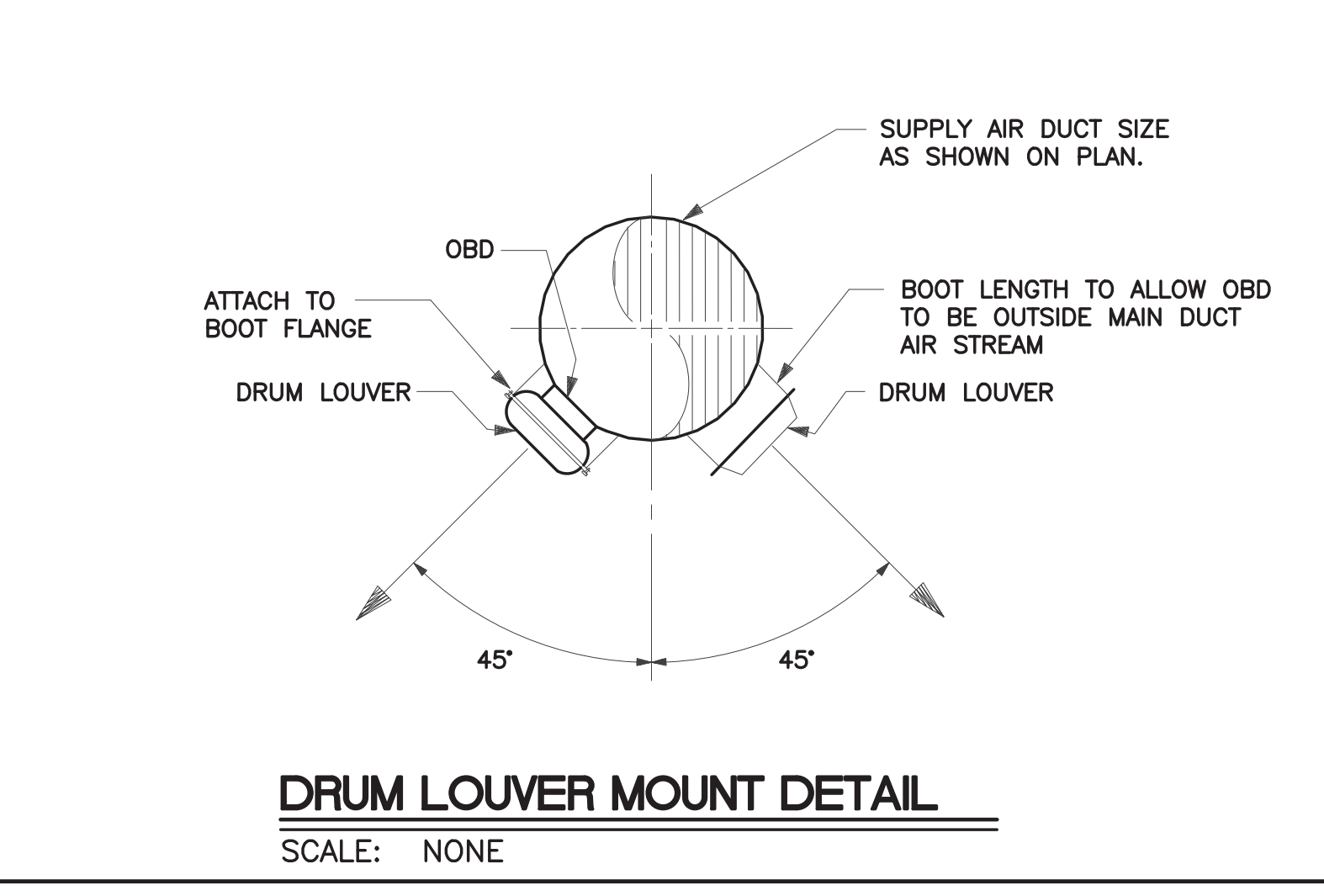
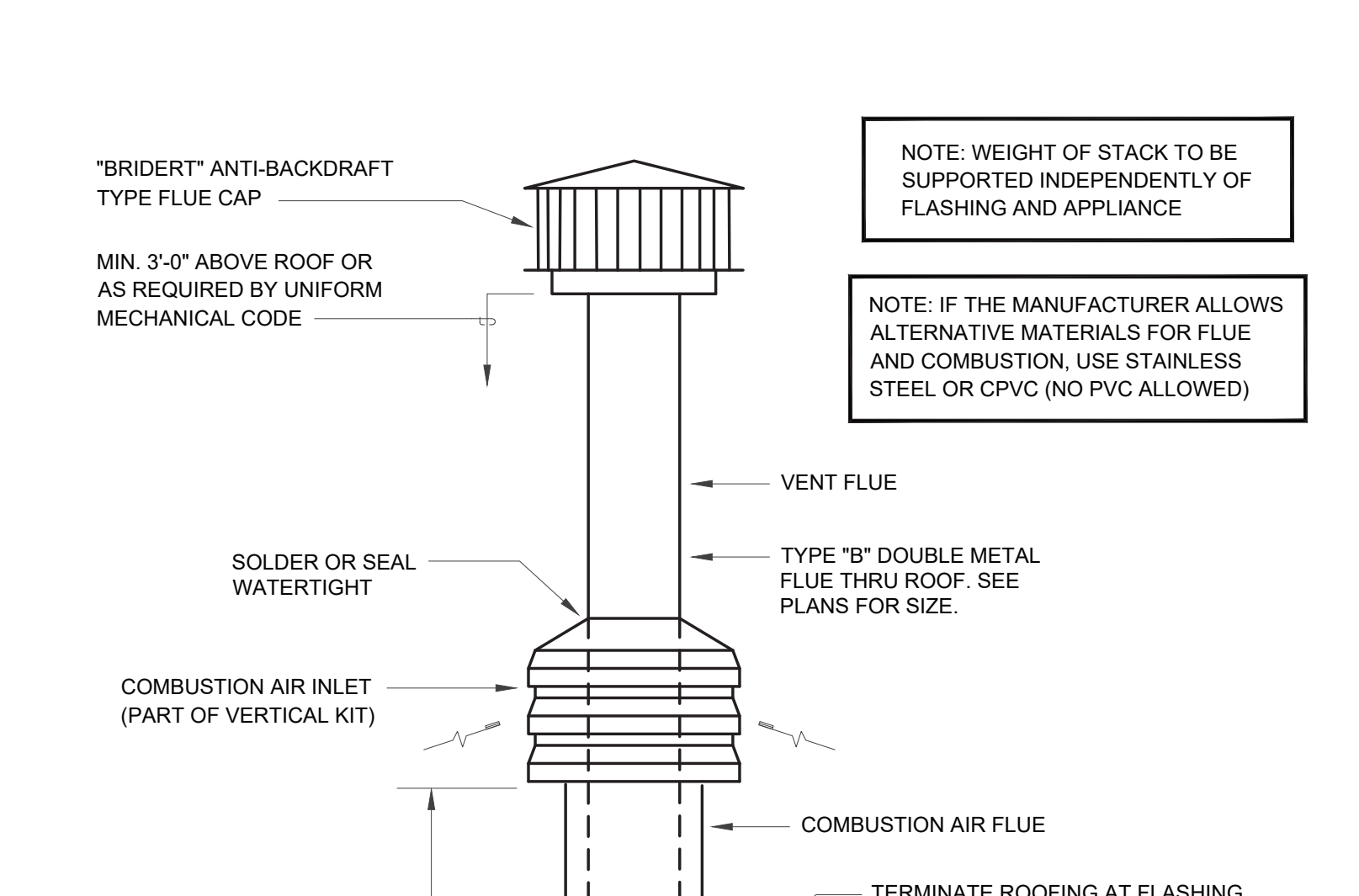
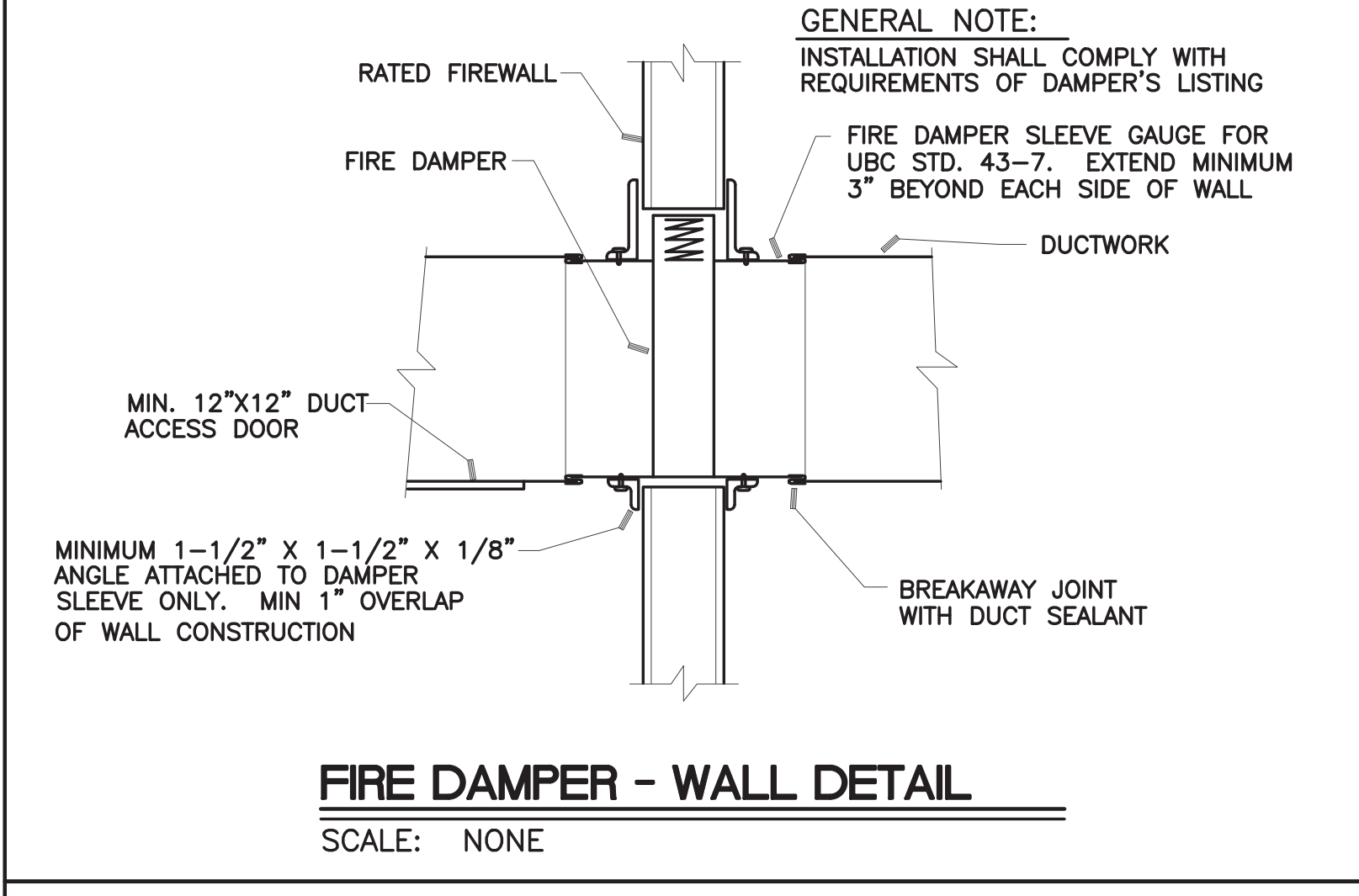
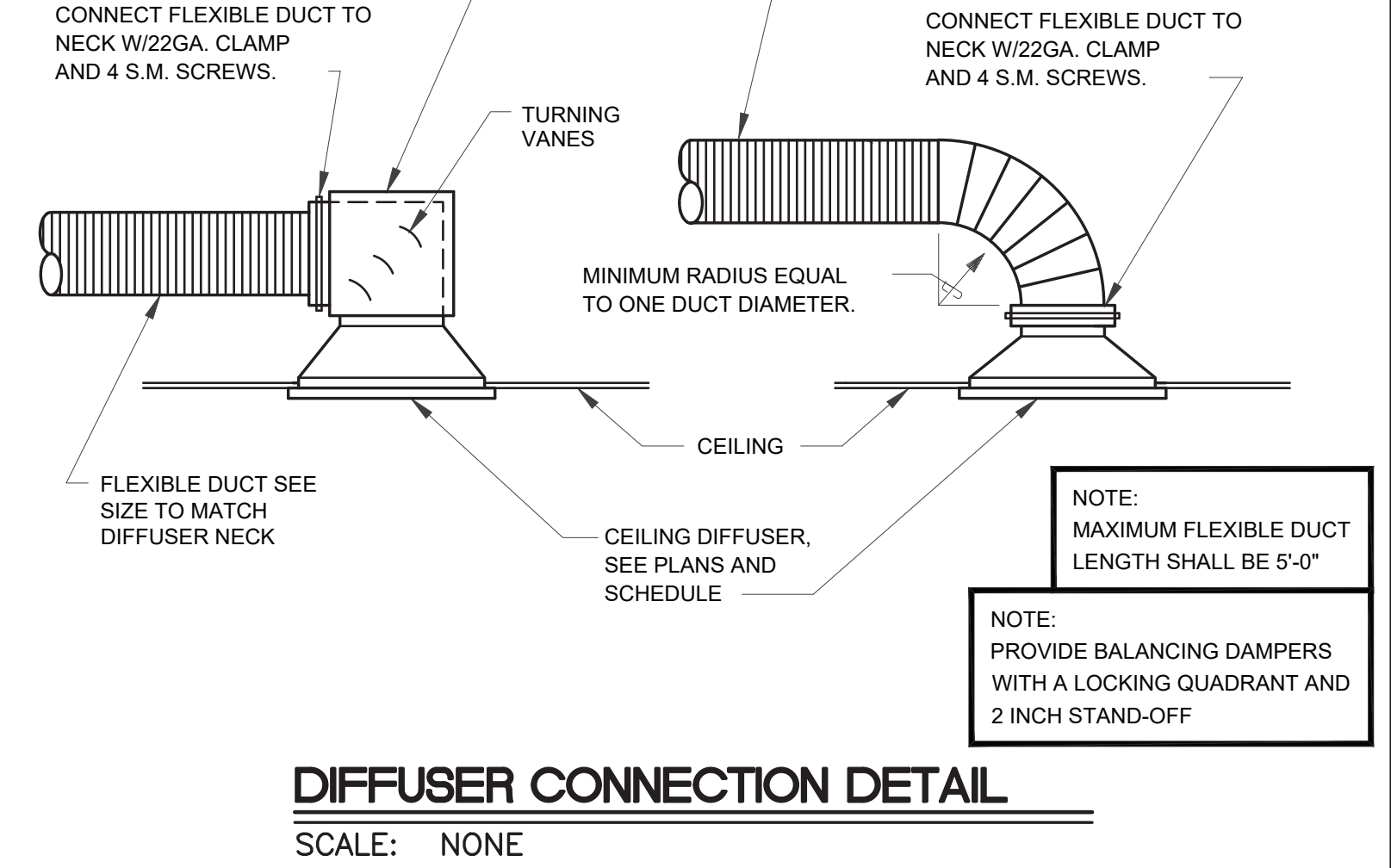
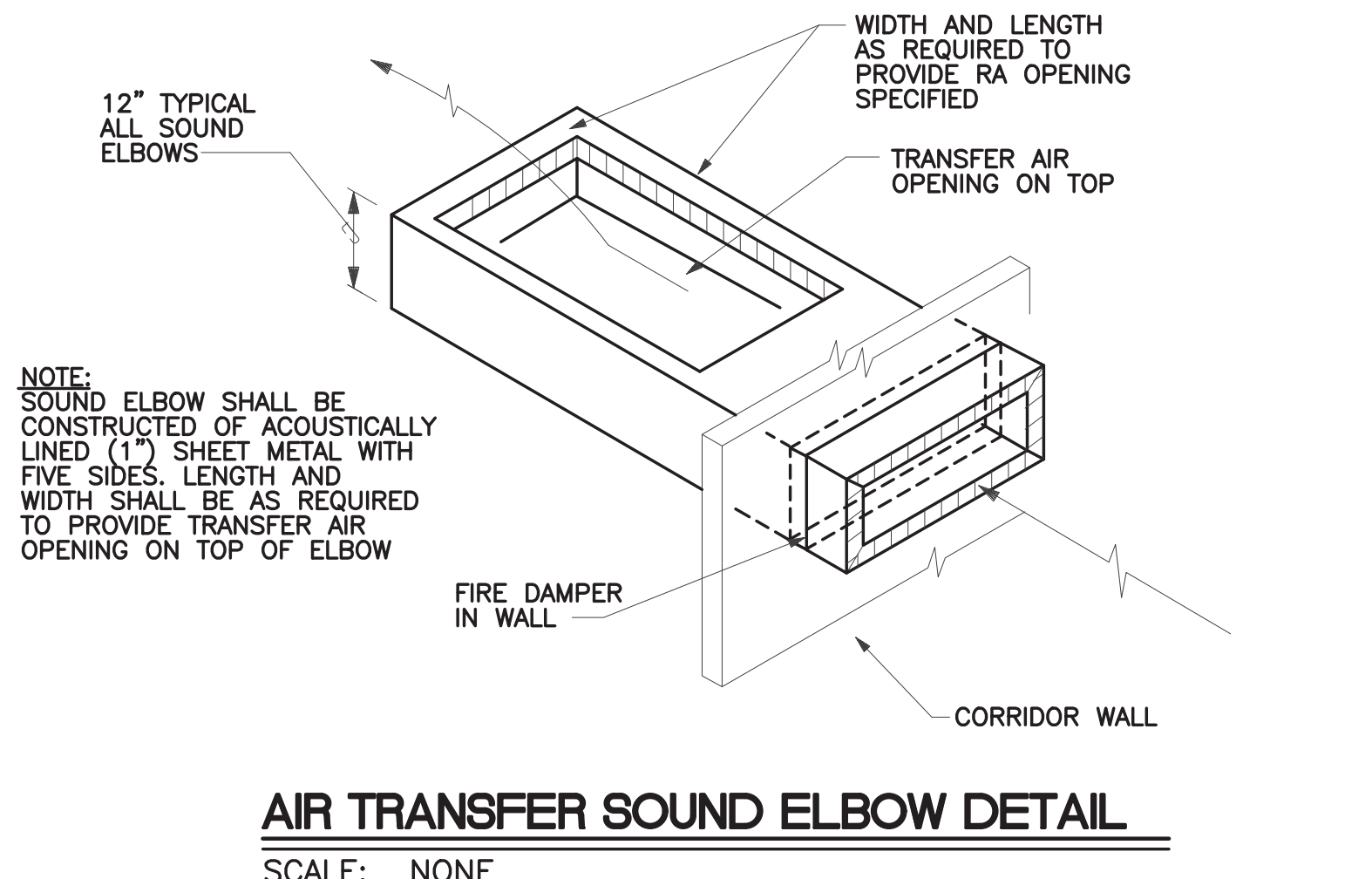
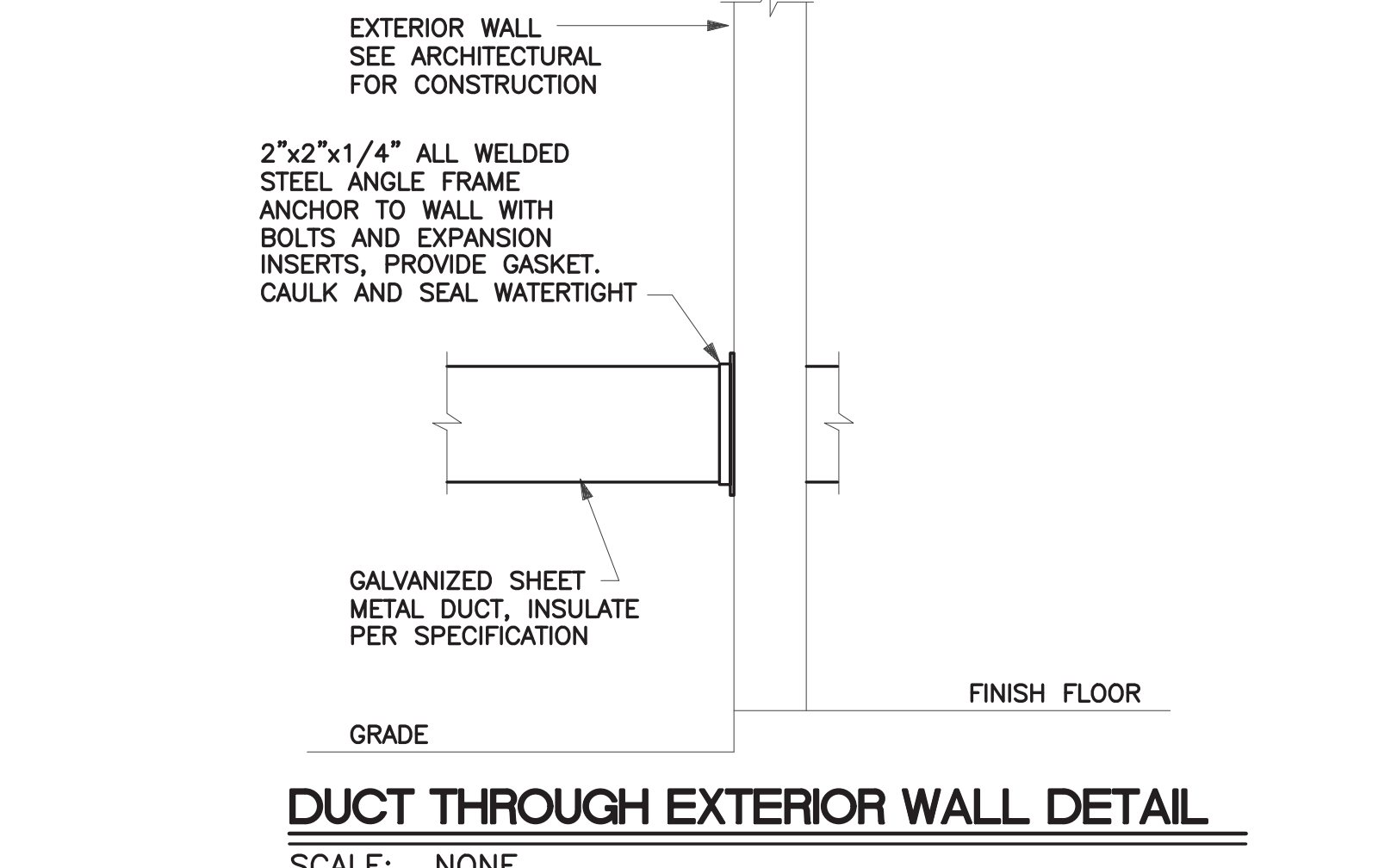
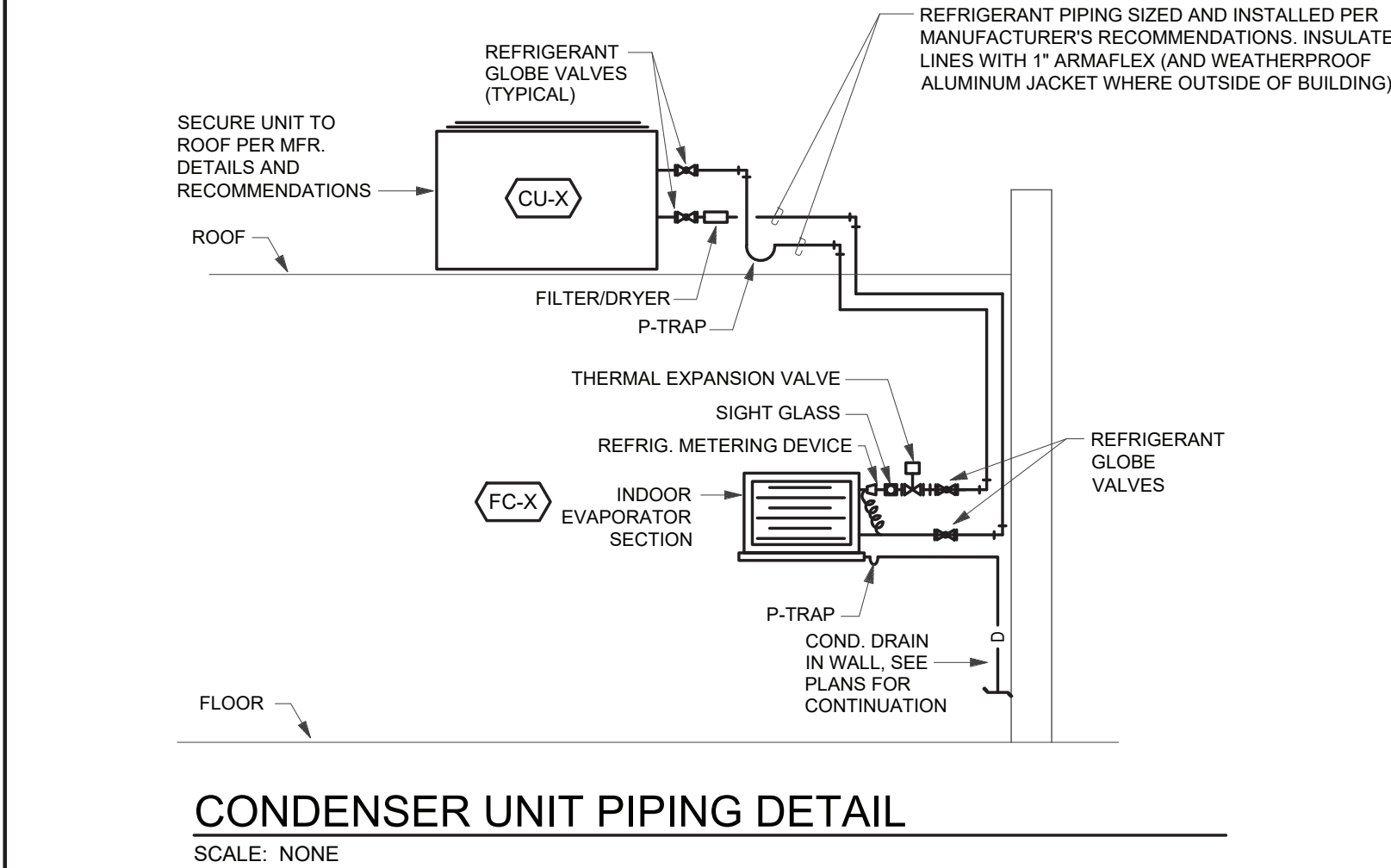
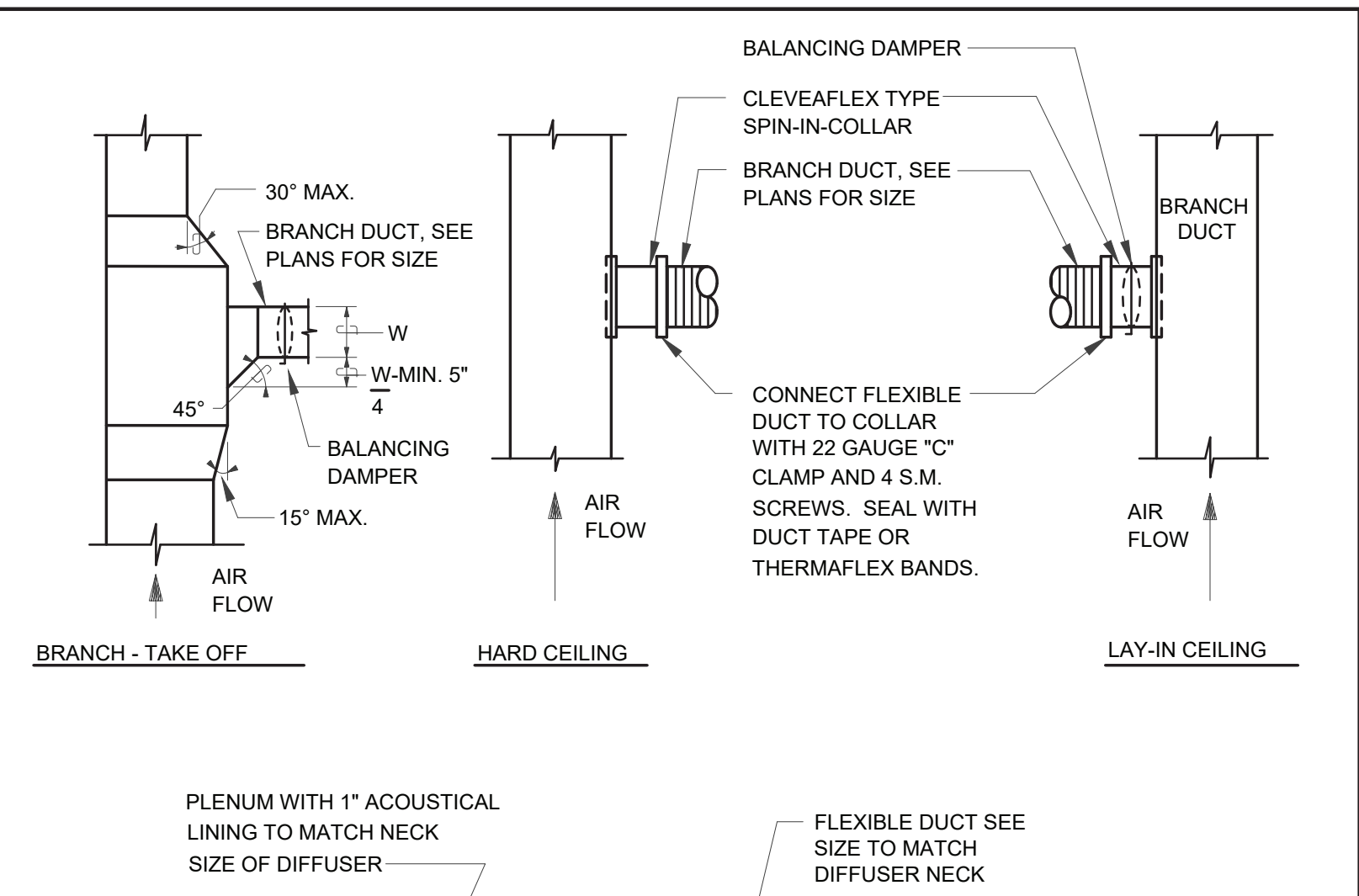
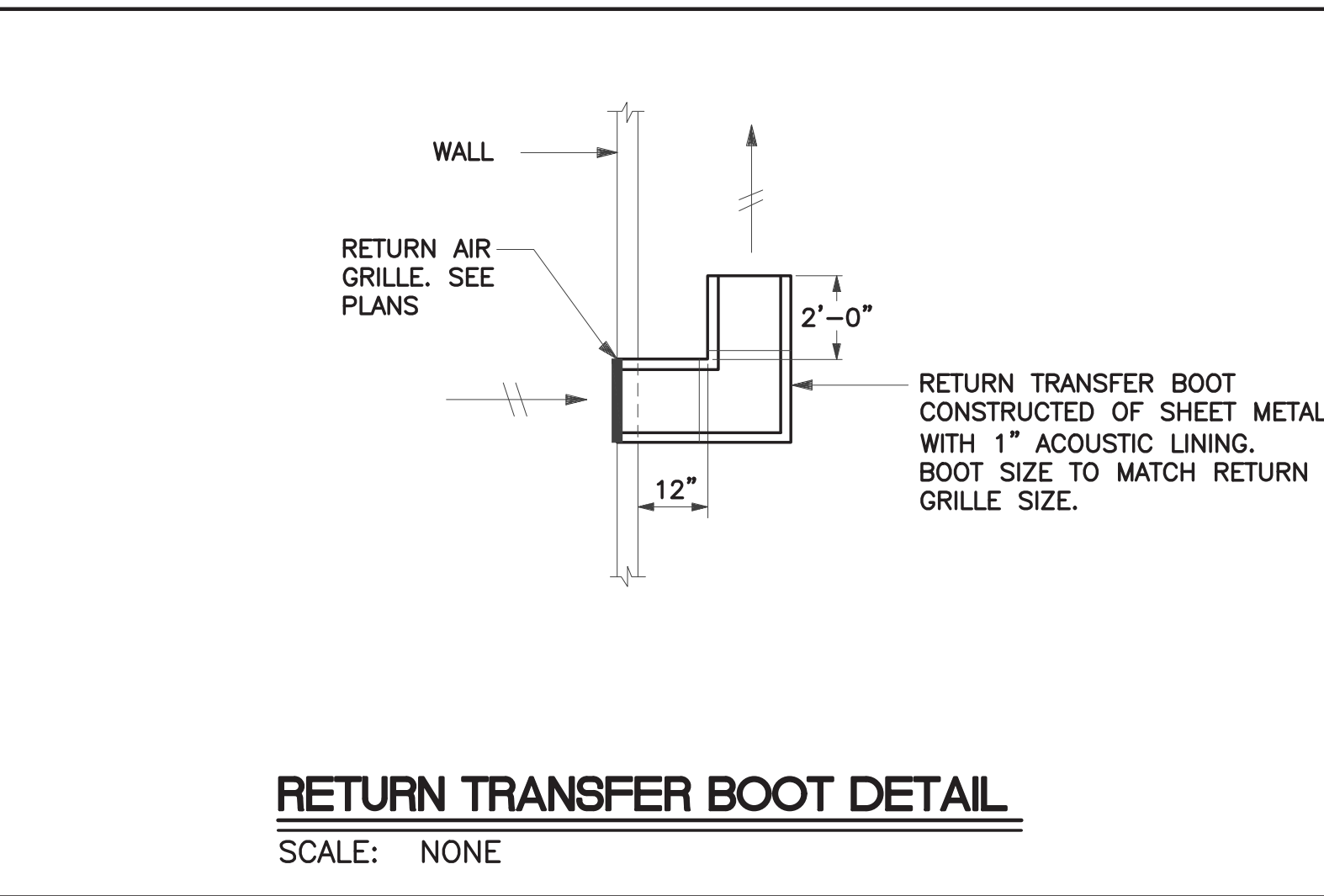
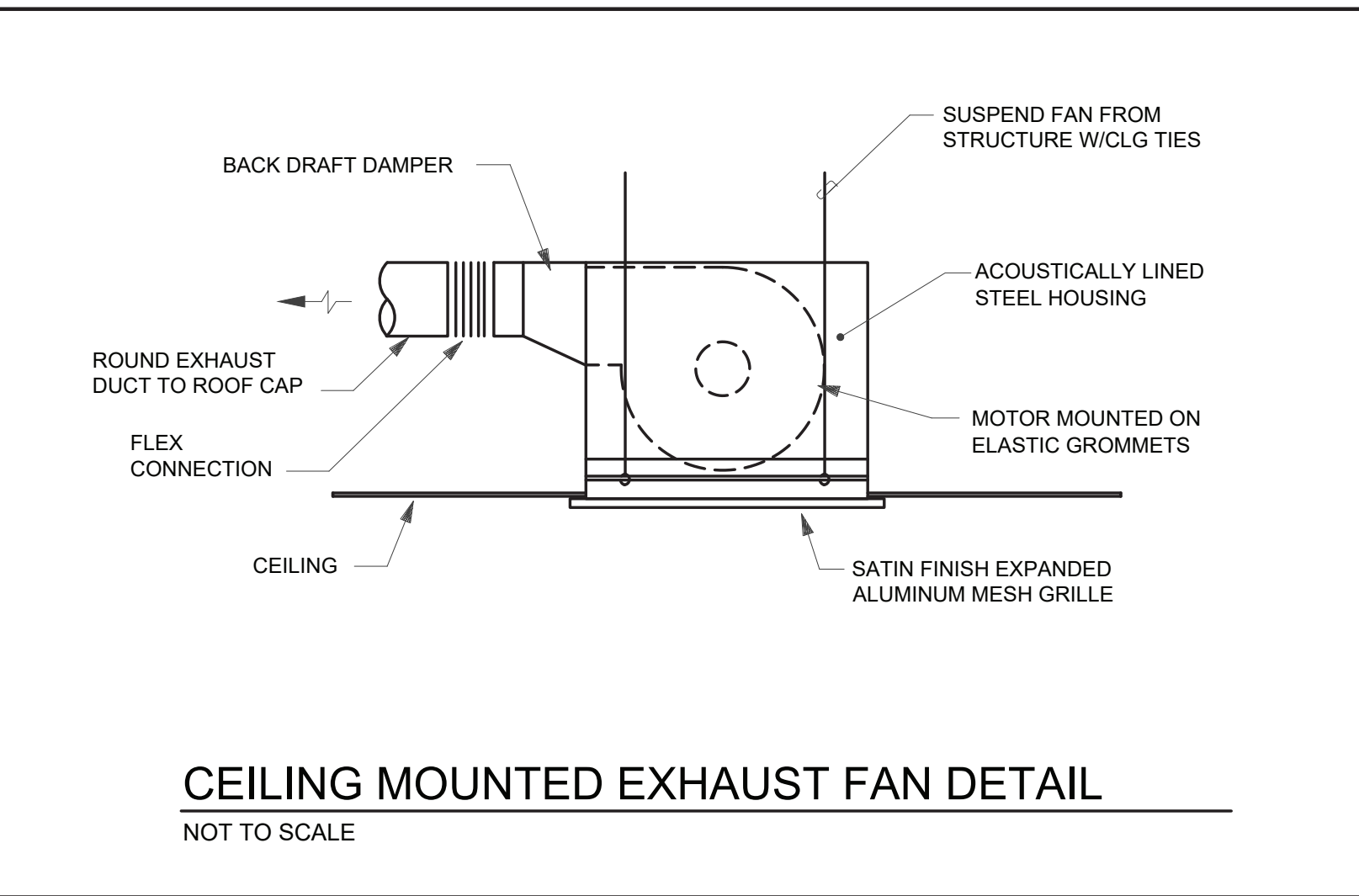
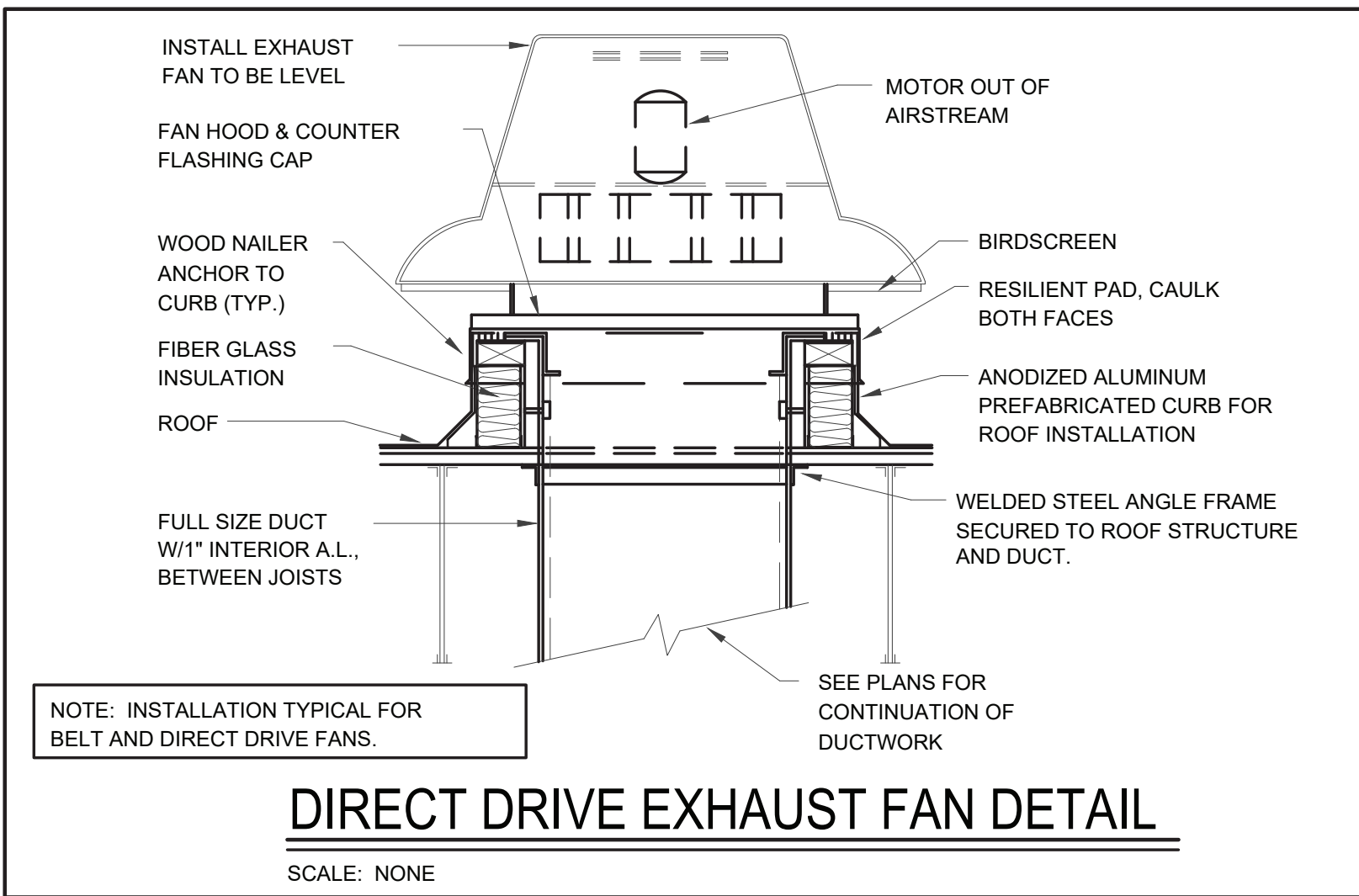
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 SHEET TITLE

MECHANICAL
 DETAILS

SHEET NO.

M-501



DRAWN BY: BS CHECKED BY: DG

Table with 12 columns: MARK, OIA SUMMER TEMP F, OIA WINTER TEMP F, TOTAL COOLING MBH, TOTAL HEATING MBH, NOMINAL TONAGE, APPROX. SYSTEM REFRIG. LBS, ELECTRICAL VOLT/PHASE/Hz, MCA, MOCP A, SOUND RANGE DBA, APPROX. WEIGHT LBS, MANUFACTURER MODEL #.

NOTES: 1. SIZE AND INSTALL REFRIGERANT PIPING BETWEEN CONDENSING UNIT AND ASSOCIATED FAN COIL UNITS ACCORDING TO MANUFACTURER'S RECOMMENDATIONS...

Table with 12 columns: MARK, SERVICE, AIRFLOW CFM, ENT AIR DBWB DEG F, COOLING CAPACITY TOTAL MBH, SENSIBLE MBH, ELECTRICAL DATA VOLT/PHASE, MCA, MOCP, SOUND RANGE DBA, APPROX. WEIGHT LBS, TYPE, MANUFACTURER MODEL #.

NOTES: 1. UNIT SELECTED AT AN ELEVATION OF 3600 FT ABOVE SEA LEVEL. 2. PROVIDE ALL VALVES, FITTINGS AND ACCESSORIES FOR A COMPLETE AND OPERATIONAL SYSTEM.

ACCESSORIES: 1. DISCONNECT REFER TO ELECTRICAL. 2. FURNISH UNIT WITH FILTER KIT. 3. FURNISH UNIT WITH CONDENSATE PUMP KIT WITH OVERFLOW SWITCH.

Table with 12 columns: MARK, SERVICE/MOUNTING, CFM, EXT. SP IN, MOTOR RPM, MOTOR WATTS, MOTOR HP, ELECTRICAL VOLTS/PHASE, SONES, DRIVE, MANUFACTURER MODEL #.

NOTES: 1. FANS ARE SELECTED AT 3600 FT ABOVE SEA LEVEL. 2. PROVIDE ALL FANS WITH VIBRATION ISOLATION. 3. PROVIDE ALL CEILING FANS WITH BACKDRAFT DAMPERS.

APPROVED EQUIVALENT MANUFACTURER: COOK, TWIN CITY

Table with 12 columns: MARK, FAN DATA CFM, HP, EXT. SP (IN), OUTSIDE AIR CFM, COOLING DATA OUTSIDE AIR °F, TOTAL (MBH), SENS. (MBH), EER, HEATING DATA OUTSIDE AIR °F, INPUT (MBH), OUTPUT (MBH), ELECTRICAL DATA VOLT/PHASE, MCA, MOCP, APPROX. WT. (LBS), MANUFACTURER MODEL #.

NOTES: 1. UNITS ARE SELECTED AT AN ELEVATION OF 3600 FEET ABOVE SEA LEVEL. PROVIDE PROPER BURNERS AND ORPRCS FOR SITE ELEVATION. 2. INDOOR FAN SHALL BE BELT DRIVEN AND SHALL RUN CONTINUOUSLY DURING OCCUPIED PERIODS.

ACCESSORIES: 1. 14" HIGH INSULATED ROOF CURB, SLOPED TO MATCH PITCH OF ROOF TO ALLOW UNIT TO SIT LEVEL. 2. COMPRESSOR SHORT CYCLE PROTECTION.

APPROVED EQUIVALENT MANUFACTURER: CARRIER, RHEEM

Table with 7 columns: MARK, DESCRIPTION, MOUNTING, MANUFACTURER MODEL #, MATERIAL, FINISH, REMARKS.

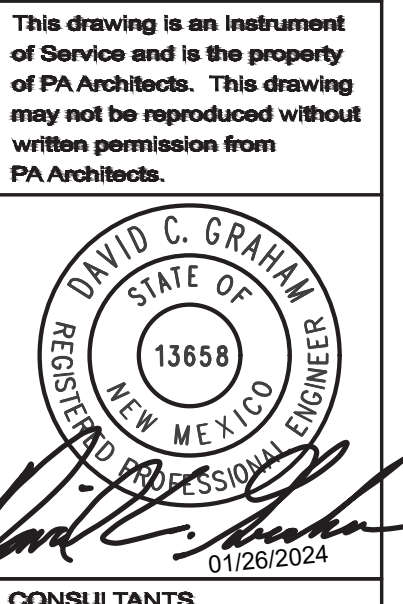
NOTES: 1. PROVIDE BALANCING DAMPERS ON ALL SUPPLY OUTLETS. DAMPERS SHALL BE ACCESSIBLE AND SHALL BE OPPOSED BLADE TYPE WHERE AVAILABLE.

APPROVED EQUIVALENT MANUFACTURER: PRICE, KRUEGER

Table with 3 columns: ABBR., SYMBOL, DESCRIPTION. Includes symbols for KEYED NOTES, EQUIPMENT DESIGNATION, EXISTING, TYPICAL, POINT OF CONNECTION, CUBIC FEET PER MINUTE, THERMOSTAT, DIAMETER, RIGID DUCTWORK, FLEXIBLE DUCTWORK, CEILING SUPPLY AIR OUTLET, CEILING RETURN OR EXHAUST AIR INLET, SIDEWALL SUPPLY AIR OUTLET, SIDEWALL RETURN OR EXHAUST AIR INLET, FIRE/SMOKE DAMPER, MANUAL VOLUME DAMPER.

HVAC GENERAL NOTES

- A. ALL DUCTS SHALL BE EXTERNALLY INSULATED, UNLESS OTHERWISE NOTED. B. ALL DUCT SEAMS SHALL BE SEALED AIRTIGHT WITH HIGH PRESSURE DUCT SEALER. C. PROVIDE ALL NECESSARY FITTINGS FOR RISES AND OFFSETS IN DUCTWORK AND PIPING REQUIRED FOR PROPER INSTALLATION...



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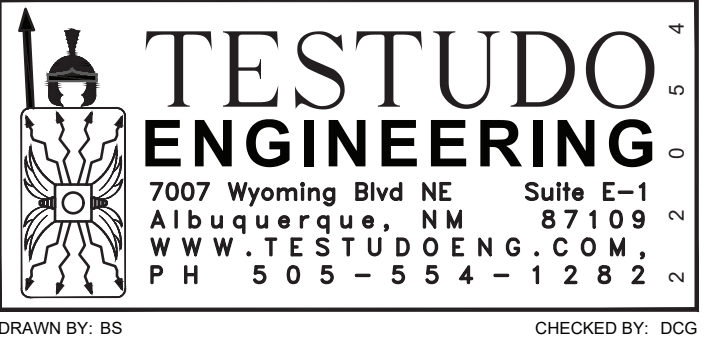
NANCY LOPEZ ELEMENTARY SCHOOL 1600 E. TILDEN STREET ROSWELL, NEW MEXICO 88203 OWNER: ROSWELL INDEPENDENT SCHOOL DISTRICT

Table with 3 columns: CD, DATE, PERMIT.

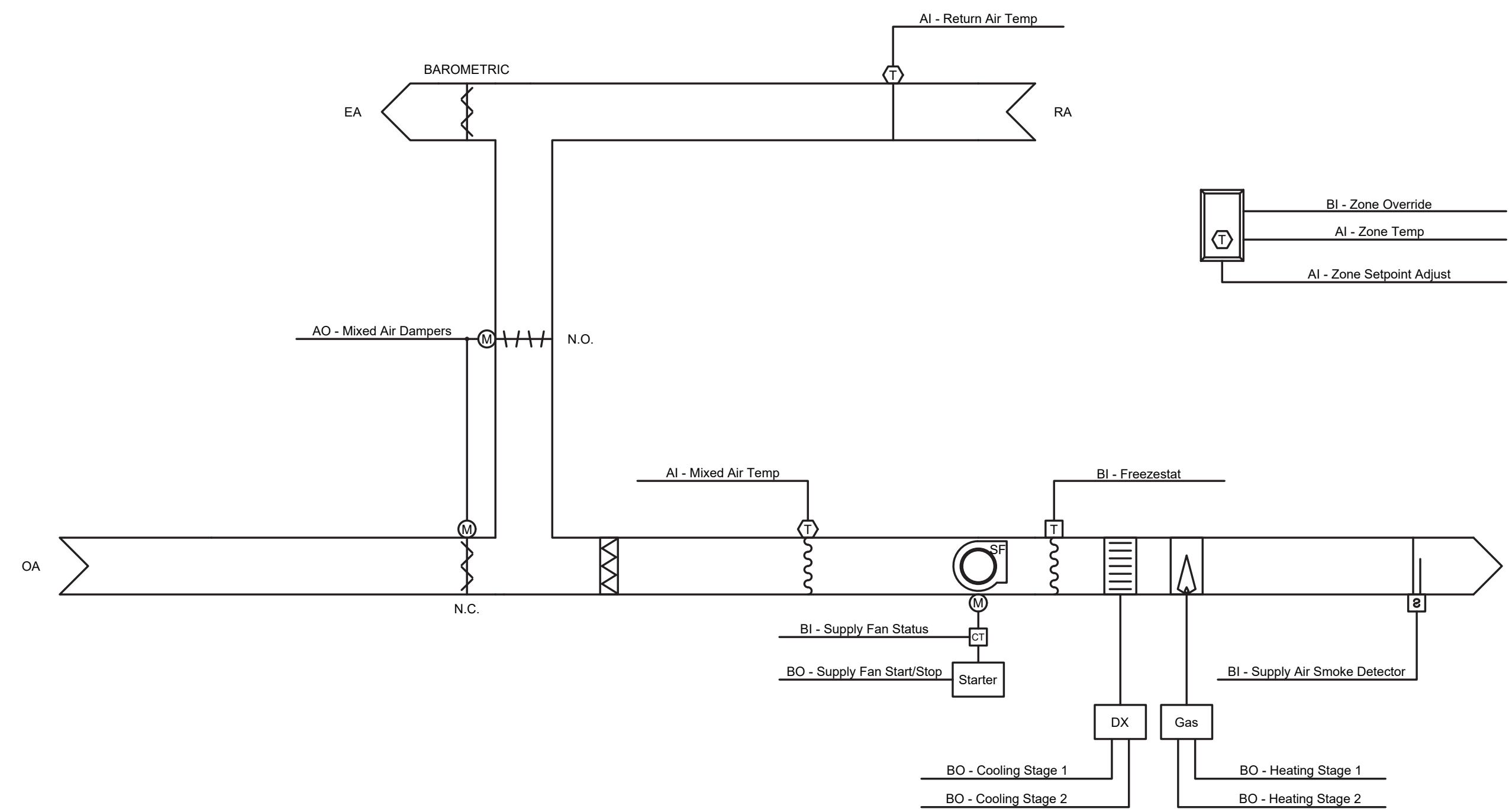
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MECHANICAL GENERAL NOTES, LEGEND AND SCHEDULES

SHEET NO.



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GENERAL CONTROL NOTES

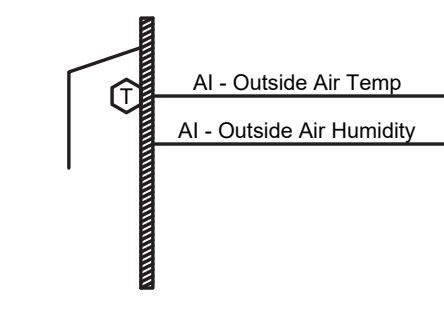
- THE ENTIRE CONTROL SYSTEM SHALL BE FULLY OPERATIONAL, INCLUDING COMPLETE INTEGRATION WITH BUILDING CONTROL SYSTEM (BACS/CONTROLS). APPROVAL BY THE ENGINEER IS REQUIRED PRIOR TO CONSTRUCTION. A CONTROLS SUBMITTAL PACKAGE SHALL BE PROVIDED FOR THE ENGINEER'S REVIEW.
- CONTROLS CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUITS, WIRING, CONTACTORS, STARTERS, SWITCHES, CONTROL VALVES, THERMOSTATS, CONTROL PANELS, VFD'S, ETC., UNLESS NOTED TO BE PROVIDED BY OTHERS.
- CONTROLS CONTRACTOR SHALL BE TOTALLY RESPONSIBLE TO MEET THE SEQUENCES OF CONTROL AND ALL RELATED CONTROLS REQUIREMENTS CALLED OUT ON THE PLANS AND ENTIRE SPECIFICATIONS PACKAGE.
- CONTROLS CONTRACTOR SHALL FURNISH AND INSTALL ALL CONTROL WIRING (LOW VOLTAGE); ELECTRICAL CONTRACTOR WILL PROVIDE POWER FOR CONTROLS TO MECHANICAL EQUIPMENT. ANY ADDITIONAL LINE VOLTAGE WIRING SHALL BE BY CONTROLS CONTRACTOR.
- ALL CONTROL WIRING SHALL BE RUN IN CONDUIT WITH A MINIMUM CONDUIT SIZE OF 1/2".
- CONTROLS CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR A COMPLETE AND OPERATIONAL SYSTEM WITH ANY AND ALL MATERIALS, EQUIPMENT, CONDUIT, ETC.

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 12400 MENAUL NE
 ALBUQUERQUE
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 FAX: 505.234.1633
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DAVID C. GRAHAM
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF NEW MEXICO
 13659
 01/28/2024

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OUTSIDE AIR CONDITIONS:
 THE CONTROLLER SHALL MONITOR THE OUTSIDE AIR TEMPERATURE AND HUMIDITY AND CALCULATE THE OUTSIDE AIR ENTHALPY ON A CONTINUAL BASIS. THESE VALUES SHALL BE MADE AVAILABLE TO THE SYSTEM AT ALL TIMES.

ALARM SHALL BE GENERATED AS FOLLOWS:

- SENSOR FAILURE: SENSOR READING INDICATES SHORTED OR DISCONNECTED SENSOR. IN THE EVENT OF A SENSOR FAILURE, AN ALTERNATE OUTSIDE AIR CONDITIONS SENSOR SHALL BE MADE AVAILABLE TO THE SYSTEM WITHOUT INTERRUPTION IN SENSOR READINGS.

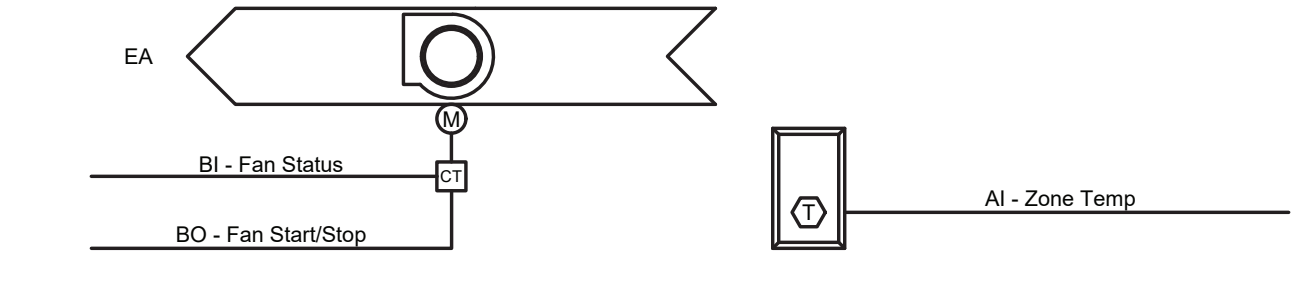
IF AN OA TEMP SENSOR CANNOT BE READ, A DEFAULT VALUE OF 65°F WILL BE USED.

IF AN OA HUMIDITY SENSOR CANNOT BE READ, A DEFAULT VALUE OF 50 % WILL BE USED.

OUTSIDE AIR TEMPERATURE HISTORY:
 THE CONTROLLER SHALL MONITOR AND RECORD THE HIGH AND LOW TEMPERATURE READINGS FOR THE OUTSIDE AIR. THESE READINGS SHALL BE RECORDED ON A DAILY, MONTH-TO-DATE, AND YEAR-TO-DATE BASIS.

OUTSIDE AIR CONDITIONS CONTROL SCHEMATIC

NTS



Run Conditions - Scheduled:
 The unit shall maintain a zone temperature cooling setpoint of 78°F (adj.).

Alarms shall be provided as follows:

- High Zone Temp: If the zone temperature is greater than the cooling setpoint by a user definable amount (adj.).

Fan:
 The fan shall run anytime the zone temperature rises above cooling setpoint, unless shutdown on safeties.

Fan Status:
 The controller shall monitor the fan status.

Alarms shall be provided as follows:

- Fan Failure: Commanded on, but the status is off.
- Fan in Hand: Commanded off, but the status is on.
- Fan Runtime Exceeded: Fan status runtime exceeds a user definable limit (adj.).

EXHAUST FAN (COOLING) CONTROL SCHEMATIC

NTS

Run Conditions - Scheduled:
 The unit shall run according to a user definable time schedule in the following modes:

- Occupied Mode: The unit shall maintain
 - A 75°F (adj.) cooling setpoint
 - A 70°F (adj.) heating setpoint.
- Unoccupied Mode (night setback): The unit shall maintain
 - A 85°F (adj.) cooling setpoint.
 - A 55°F (adj.) heating setpoint.

Alarms shall be provided as follows:

- High Zone Temp: If the zone temperature is greater than the cooling setpoint by a user definable amount (adj.).
- Low Zone Temp: If the zone temperature is less than the heating setpoint by a user definable amount (adj.).

Zone Setpoint Adjust:
 The occupant shall be able to adjust the zone temperature heating and cooling setpoints at the zone sensor.

Zone Unoccupied Override:
 A timed local override control shall allow an occupant to override the schedule and place the unit into an occupied mode for an adjustable period of time. At the expiration of this time, control of the unit shall automatically return to the schedule.

Freeze Protection:
 The unit shall shut down and generate an alarm upon receiving a freezeostat status.

Supply Air Smoke Detection:
 The unit shall shut down and generate an alarm upon receiving a supply air smoke detector status.

Supply Fan:
 The supply fan shall run anytime the unit is commanded to run, unless shutdown on safeties. To prevent short cycling, the supply fan shall have a user definable (adj.) minimum runtime.

Alarms shall be provided as follows:

- Supply Fan Failure: Commanded on, but the status is off.
- Supply Fan in Hand: Commanded off, but the status is on.
- Supply Fan Runtime Exceeded: Status runtime exceeds a user definable limit (adj.).

Gas Heating Stages:
 The controller shall measure the zone temperature and stage the heating to maintain its heating setpoint. To prevent short cycling, there shall be a user definable (adj.) delay between stages, and each stage shall have a user definable (adj.) minimum runtime.

The heating shall be enabled whenever:

- Outside air temperature is less than 65°F (adj.).
- AND the zone temperature is below heating setpoint.
- AND the supply fan status is on.
- AND the cooling is not active.

Economizer:
 The controller shall measure the zone temperature and modulate the economizer dampers in sequence to maintain a setpoint 2°F less than the zone cooling setpoint. The outside air dampers shall maintain a minimum adjustable position of 20% (adj.) open whenever occupied.

The economizer shall be enabled whenever:

- Outside air temperature is less than 65°F (adj.).
- AND the outside air temperature is less than the return air temperature.
- AND the supply fan status is on.

The economizer shall close whenever:

- Mixed air temperature drops from 45°F to 40°F (adj.).
- OR on loss of supply fan status.
- OR the freezeostat is on.

The outside and exhaust air dampers shall close and the return air damper shall open when the unit is off. If Optimal Start Up is available, the mixed air damper shall operate as described in the occupied mode except that the outside air damper shall modulate to fully closed.

Minimum Outside Air Ventilation - Fixed Percentage:
 The outside air dampers shall maintain a minimum position (adj.) during building occupied hours and be closed during unoccupied hours.

Mixed Air Temperature:
 The controller shall monitor the mixed air temperature and use as required for economizer control (if present) or preheating control (if present).

Alarms shall be provided as follows:

- High Mixed Air Temp: If the mixed air temperature is greater than 90°F (adj.).
- Low Mixed Air Temp: If the mixed air temperature is less than 45°F (adj.).

Return Air Temperature:
 The controller shall monitor the return air temperature and use as required for economizer control (if present).

Alarms shall be provided as follows:

- High Return Air Temp: If the return air temperature is greater than 90°F (adj.).
- Low Return Air Temp: If the return air temperature is less than 45°F (adj.).

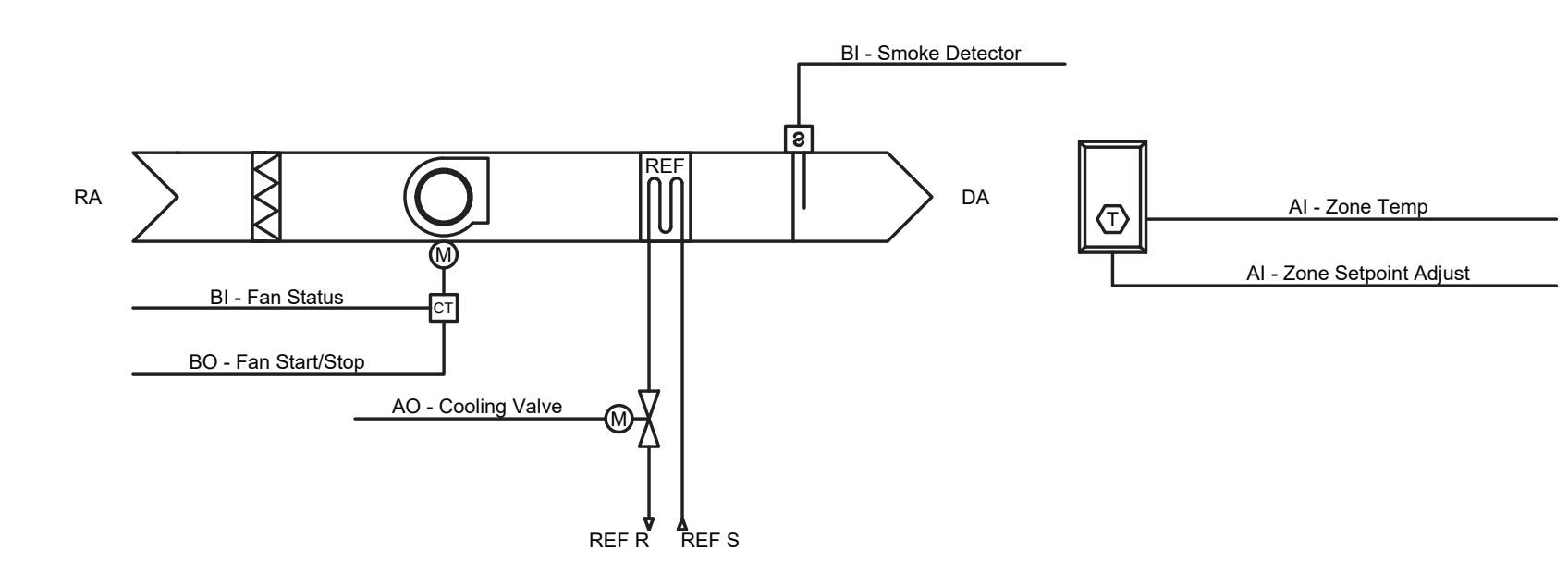
Cooling Stages:
 The controller shall measure the zone temperature and stage the cooling to maintain its cooling setpoint. To prevent short cycling, there shall be a user definable (adj.) delay between stages, and each stage shall have a user definable (adj.) minimum runtime.

The cooling shall be enabled whenever:

- Outside air temperature is greater than 60°F (adj.).
- AND the economizer is disabled or fully open.
- AND the zone temperature is above cooling setpoint.
- AND the supply fan status is on.
- AND the heating is not active.

ROOFTOP UNIT SCHEMATIC

NTS



Run Conditions - Scheduled:
 Occupied Mode: The unit shall maintain A 70°F (adj.) cooling setpoint.

Alarms shall be provided as follows:

- High Zone Temp: If the zone temperature is greater than the cooling setpoint by a user definable amount (adj.).

Zone Setpoint Adjust:
 The occupant shall be able to adjust the zone temperature cooling setpoints at the zone sensor.

Fan:
 The fan shall run anytime the unit is commanded to run, unless shutdown on safeties.

Refrigerant Cooling Coil Valve:
 The controller shall measure the zone temperature and modulate the refrigerant cooling coil valve to maintain its cooling setpoint.

The cooling shall be enabled whenever:

- The zone temperature is above cooling setpoint.
- AND the fan is on.

Filter Hours:
 The controller shall monitor the fan runtime.

Alarms shall be provided as follows:

- Filter Change Required: Filter has been in use for more than 2200 hrs (adj.).

Fan Status:
 The controller shall monitor the fan status.

Alarms shall be provided as follows:

- Fan Failure: Commanded on, but the status is off.
- Fan in Hand: Commanded off, but the status is on.
- Fan Runtime Exceeded: Fan status runtime exceeds a user definable limit (adj.).

COOLING-ONLY FAN COIL CONTROL SCHEMATIC

NTS

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 ELEMENTARY
 SCHOOL

1600 E. TILDEN
 STREET
 ROSWELL,
 NEW MEXICO
 88203

OWNER:
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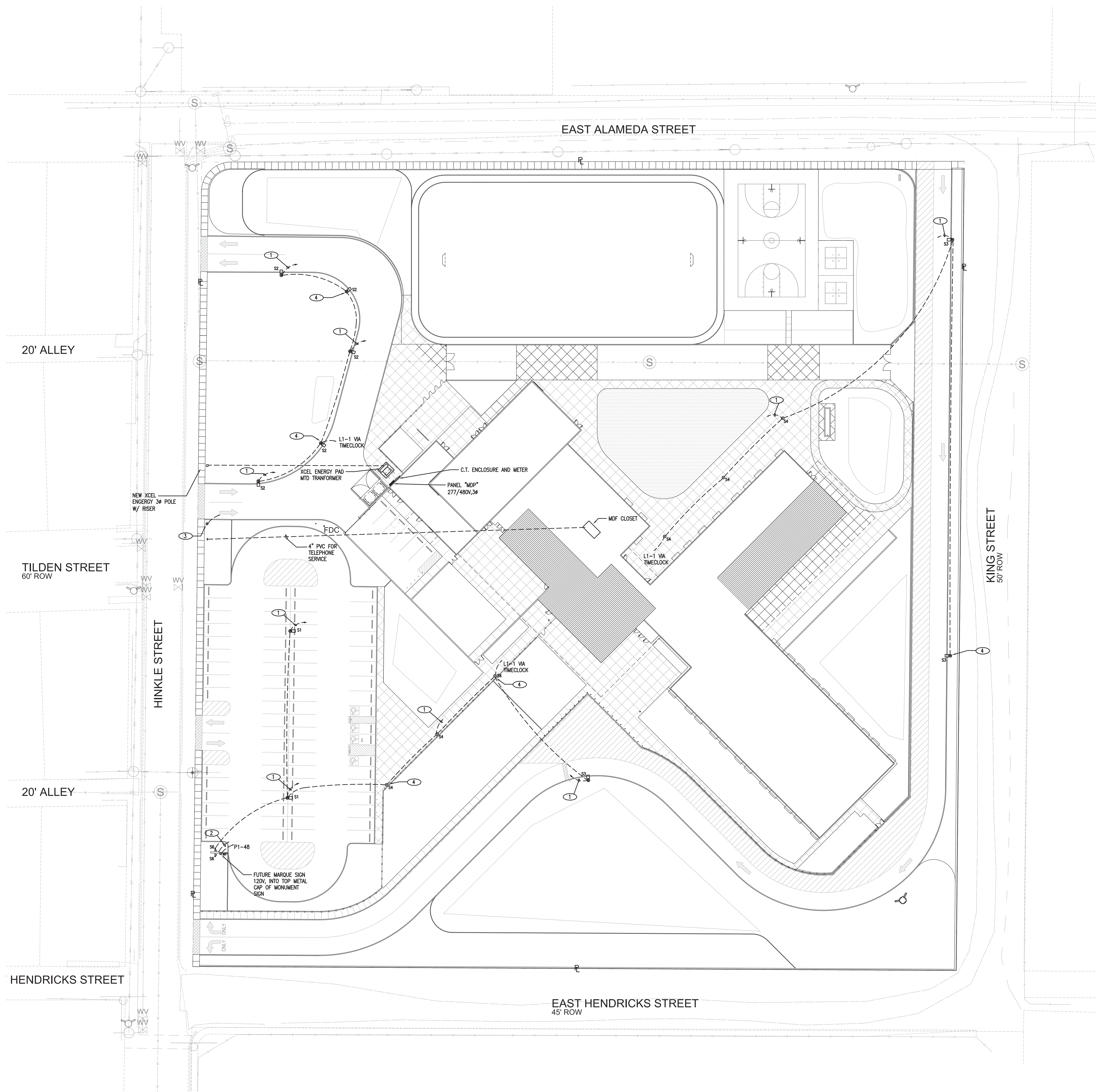
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TESTUDO ENGINEERING
 7007 Wyoming Blvd NE, Suite E-1
 Albuquerque, NM 87109
 WWW.TESTUDOENG.COM
 PH 505-555-4128

MECHANICAL
 CONTROLS

SHEET NO.

M-701



GENERAL NOTES:

1. ALL CONDUITS TO BE BURIED PER TABLE 300.5 OF THE NEC.
2. ALL ELECTRICAL TO MEET NATIONAL STATE AND LOCAL CODES.
3. ALL ELECTRICAL DEVICES TO BE U.L. LISTED FOR INTENDED USE.
4. ALL GROUNDING OF DEVICES TO MEET THE REQUIREMENTS OF ARTICLE 250 OF THE NEC.
5. ALL EXTERIOR SITE LIGHTING CIRCUITS TO BE RUN WITH #8 (CUL) THIN CONDUCTORS.
6. COORDINATE NEW ELECTRIC SERVICE WITH XCEL ENERGY. PROVIDE ALL ROUGH-IN CONDUIT, CONCRETE TRANSFORMER PADS, METERING, ETC. PER XCEL ENERGY REQUIREMENTS.

KEYED NOTES:

- ① PROVIDE AN ADDITIONAL 1" PVC CONDUIT STUBBED INTO POLE BASE TO NEAREST IDF CLOSET FOR FUTURE POLE MOUNTED CCTV CAMERA BY OTHERS.
- ② PROVIDE 1" PVC CONDUIT TO NEAREST IDF CLOSET FOR FUTURE MARQUE SIGN BY OTHERS. CAP CONDUIT FOR FUTURE EXTENSION.
- ③ FIRE PROTECTION PIV, PROVIDE 3/4" CONDUIT TO FA PANEL.
- ④ STUB-OUT 1" PVC CONDUIT FROM LIGHT POLE BASE AND CAP 3'-0" FROM BASE FOR FUTURE.

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CD	DATE	DESCRIPTION

PSFA JOB NO.: P-19-010
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 SHEET TITLE

ELECTRICAL SITE PLAN
 SHEET NO.
 ES-101

A1 ELECTRICAL SITE PLAN
 SCALE: 1" = 30'-0"



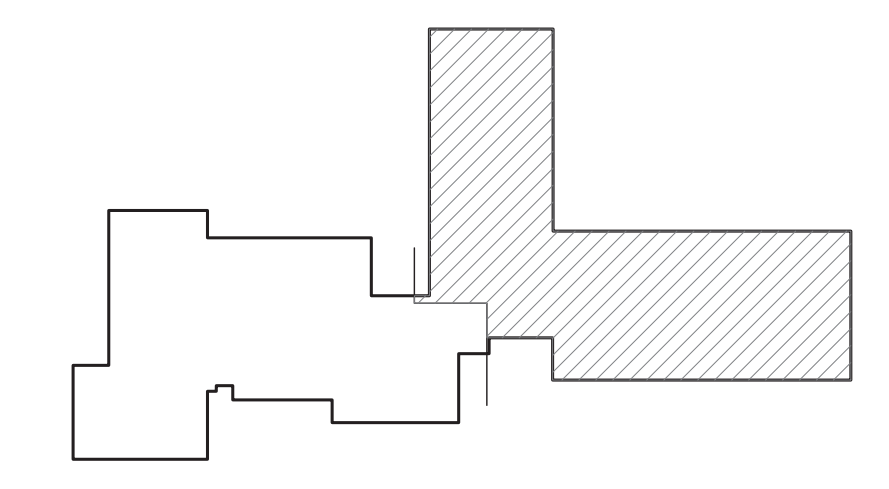
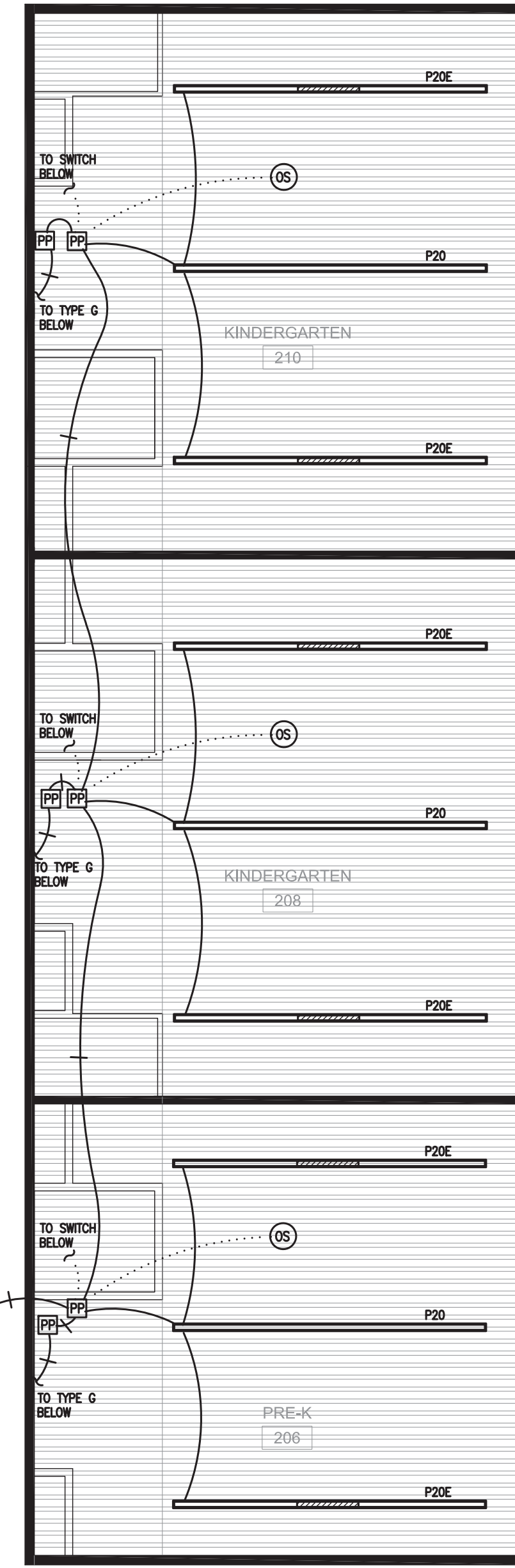
A1 PARTIAL LIGHTING PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. ALL BRANCH CIRCUIT WIRING TO BE #12 THHN/THWN CU. AND ALL CONDUIT TO BE 1/2" EMT MINIMUM UNLESS NOTED OTHERWISE.
2. ALL ELECTRICAL DEVICES TO MEET NATIONAL STATE AND LOCAL CODES.
3. ALL ELECTRICAL DEVICES TO BE U.L. LISTED FOR INTENDED USE.
4. ALL GROUNDING OF DEVICES TO MEET THE REQUIREMENTS OF ARTICLE 250 OF THE NEC.
5. ALL LIGHT FIXTURES THIS SHEET TO BE TYPE "A" UNLESS NOTED OTHERWISE.

KEYED NOTES:

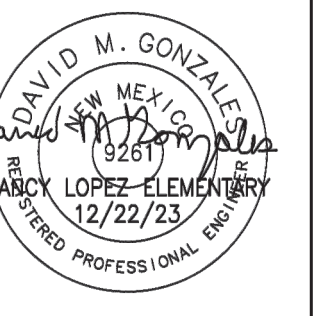
1. FURNISH AND INSTALL INTERMATIC, 24HR/7-DAY ASTRONOMICAL TIMECLOCK WITH ETHERNET CAPABILITY AND BATTERY BACK-UP. TIMECLOCK TO BE 2-CIRCUIT, 277V RATED.



KEY PLAN
NTS

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PA JOB NO.: 202101

PSFA JOB NO.: P19-010

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SHEET TITLE

EAST LIGHTING PLAN

SHEET NO.

E-101

GENERAL NOTES:

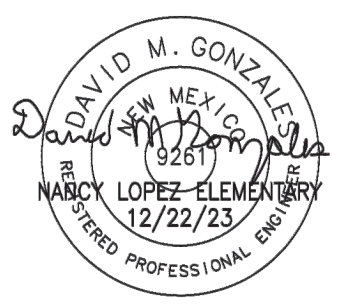
1. ALL BRANCH CIRCUIT WIRING TO BE #12 THHN/THWN CU. AND ALL CONDUIT TO BE 1/2" EMT MINIMUM UNLESS NOTED OTHERWISE.
2. ALL ELECTRICAL TO MEET NATIONAL STATE AND LOCAL CODES.
3. ALL ELECTRICAL DEVICES TO BE U.L. LISTED FOR INTENDED USE.
4. ALL GROUNDING OF DEVICES TO MEET THE REQUIREMENTS OF ARTICLE 250 OF THE NEC.
5. ALL LIGHT FIXTURES THIS SHEET TO BE TYPE "A" UNLESS NOTED OTHERWISE.

KEYED NOTES:

1. FURNISH AND INSTALL INTERMATIC, 24HR/7-DAY ASTRONOMICAL TIMECLOCK WITH ETHERNET CAPABILITY AND BATTERY BACK-UP. TIMECLOCK TO BE 2-CIRCUIT, 277V RATED.
2. TYPE "Q" STARFIELD LIGHTING CONTROLLER ON WALL AT 7'-0". PROVIDE ALL CONDUIT, WIRING AND CONNECTIONS AS REQUIRED FOR TYPE "Q" FIXTURES.
3. FURNISH AND INSTALL LINE VOLTAGE KEYED SWITCH AHEAD OF POWER PACK TO CONTROL ON-OFF FUNCTION OF LIGHTS. DIMMING CONTROL TO BE VIA LOW VOLTAGE DIMMER SWITCH IN LOCATION AS SHOWN.
4. CONTRACTOR TO CONVENE A CONSTRUCTION MEETING WITH ARCHITECT/ENGINEER FOR DIRECTION AND INSTRUCTION ON INSTALLATION OF STAR FIELD LIGHTING (TYPE "Q") IN METAL CANOPY SOFFIT. STARFIELD INSTALLATION TO BE COMPLETED DURING INSTALLATION OF METAL SOFFIT CONSTRUCTION.



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PSFA JOB NO.: P19-010

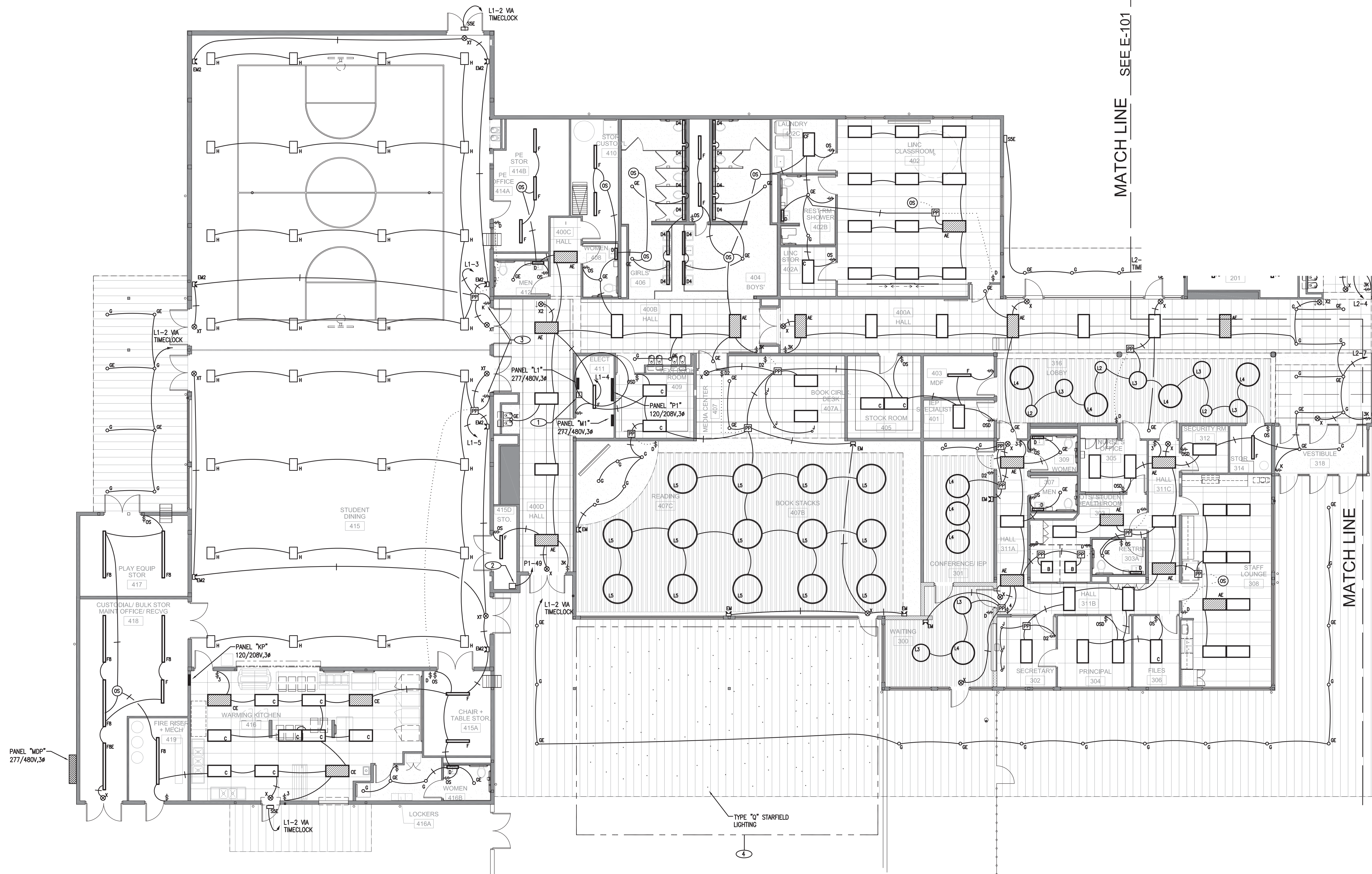
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SHEET TITLE

WEST LIGHTING PLAN

SHEET NO.

E-102



MATCH LINE SEE E-101

MATCH LINE

TYPE "Q" STARFIELD LIGHTING

A1 PARTIAL LIGHTING PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN
NTS





A1 PARTIAL POWER AND SPECIAL SYSTEMS PLAN
SCALE: 1/8" = 1'-0"

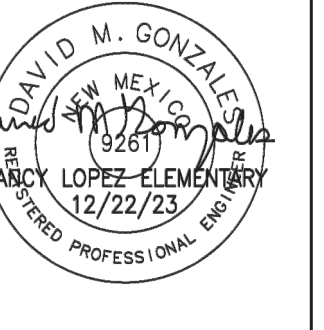


GENERAL NOTES:

1. ALL BRANCH CIRCUIT WIRING TO BE #12 THHN/THWN CU. AND ALL CONDUIT TO BE 1/2" EMT MINIMUM UNLESS NOTED OTHERWISE.
2. ALL ELECTRICAL TO MEET NATIONAL STATE AND LOCAL CODES.
3. ALL ELECTRICAL DEVICES TO BE U.L. LISTED FOR INTENDED USE.
4. ALL GROUNDING OF DEVICES TO MEET THE REQUIREMENTS OF ARTICLE 250 OF THE NEC.
5. ELECTRICAL CONTRACTOR TO PROVIDE ROUGH-IN FOR CARD READERS/DOOR HARDWARE PER ARCHITECTURAL SPECIFICATION SECTION 08 7100 "FINISH HARDWARE". PROVIDE ALL CONDUIT, J-BOXES, 120V POWER TO POWER SUPPLIES, ETC. AS REQUIRED.



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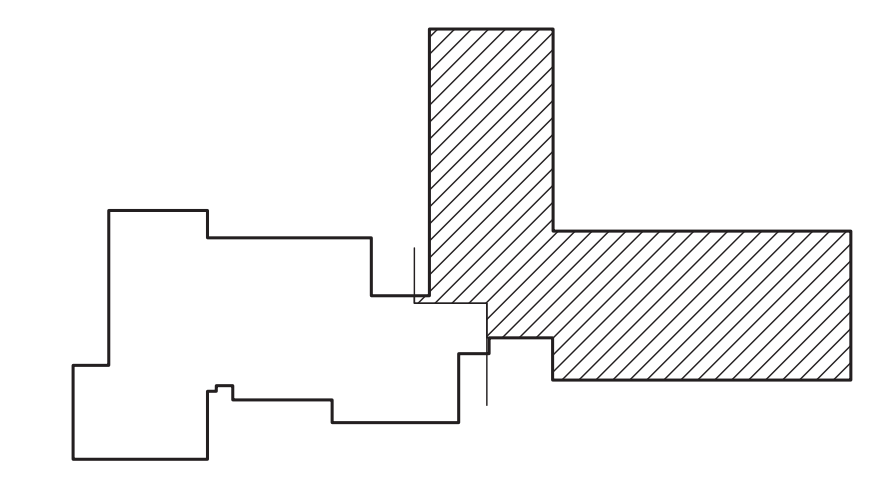
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SHEET TITLE

**EAST
POWER AND
SPECIAL
SYSTEMS
PLAN**

SHEET NO.

E-103



KEY PLAN
NTS



GENERAL NOTES:

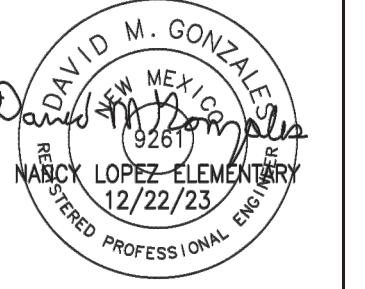
1. ALL BRANCH CIRCUIT WIRING TO BE #12 THHN/THWN CU. AND ALL CONDUIT TO BE 1/2" EMT UNLESS NOTED OTHERWISE.
2. ALL ELECTRICAL TO MEET NATIONAL STATE AND LOCAL CODES.
3. ALL ELECTRICAL DEVICES TO BE U.L. LISTED FOR INTENDED USE.
4. ALL GROUNDING OF DEVICES TO MEET THE REQUIREMENTS OF ARTICLE 250 OF THE NEC.
5. ELECTRICAL CONTRACTOR TO PROVIDE ROUGH-IN FOR CARD READERS/DOOR HARDWARE PER ARCHITECTURAL SPECIFICATION SECTION 08 7100 "FINISH HARDWARE". PROVIDE ALL CONDUIT, J-BOXES, 120V POWER TO POWER SUPPLIES, ETC. AS REQUIRED.

KEYED NOTES:

1. FURNISH AND INSTALL WIREMOLD RFBZ SERIES FLOOR BOX FOR POWER AND DATA. COORDINATE WITH FURNITURE LAYOUT FOR EXACT LOCATION. EXTEND 1.25" FROM FLOOR BOX TO WALL AND INTO CEILING SPACE FOR DATA CABLING.



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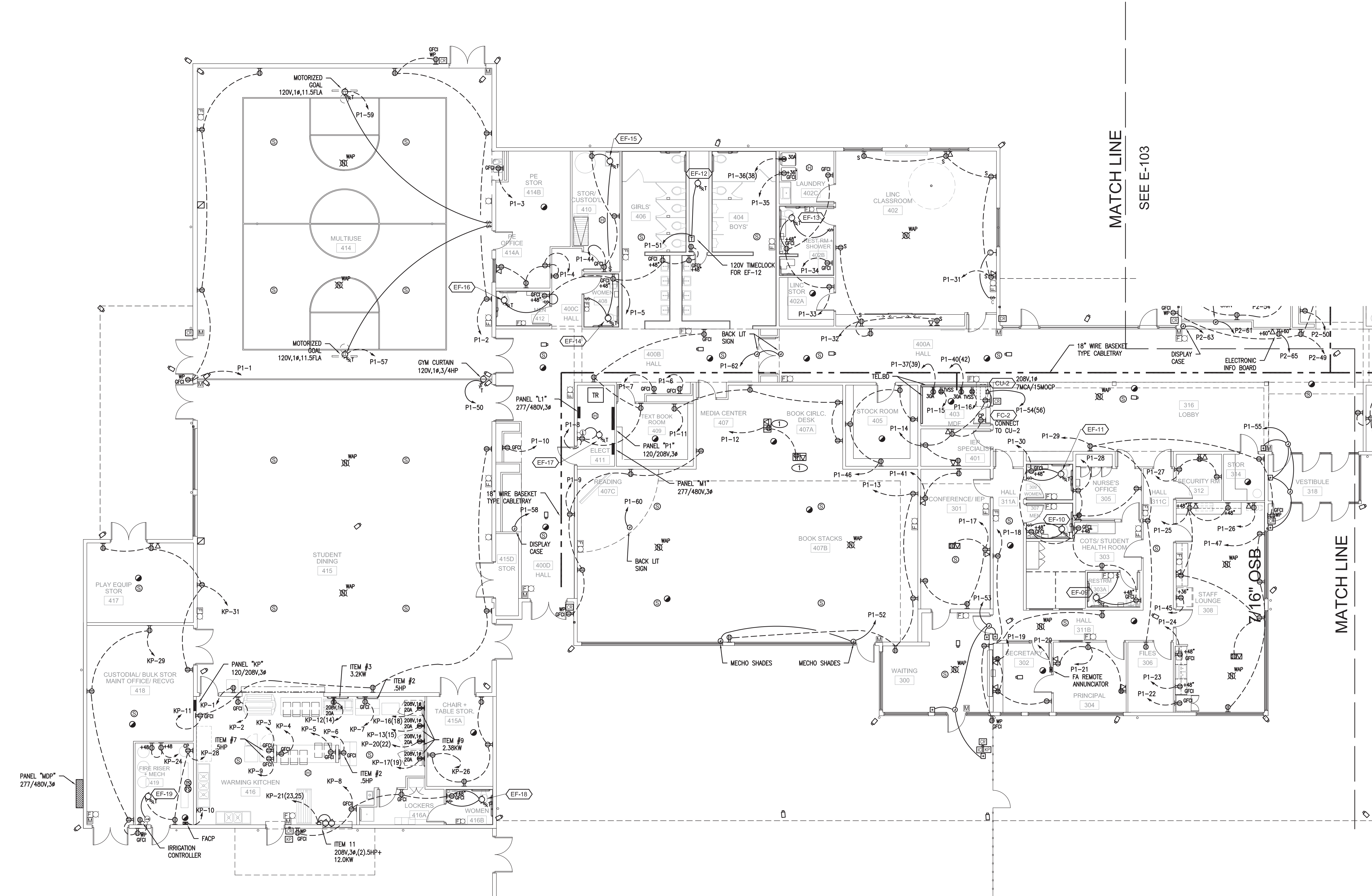
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SHEET TITLE

WEST
POWER AND
SPECIAL
SYSTEMS
PLAN

SHEET NO.

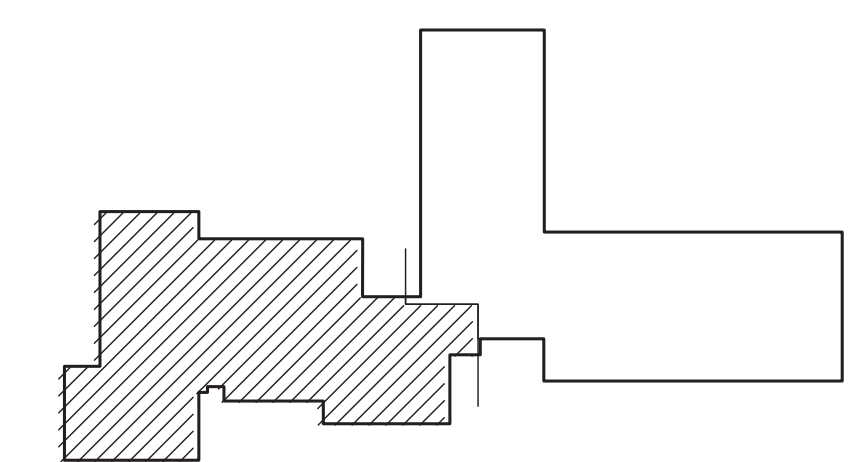
E-104



MATCH LINE
SEE E-103

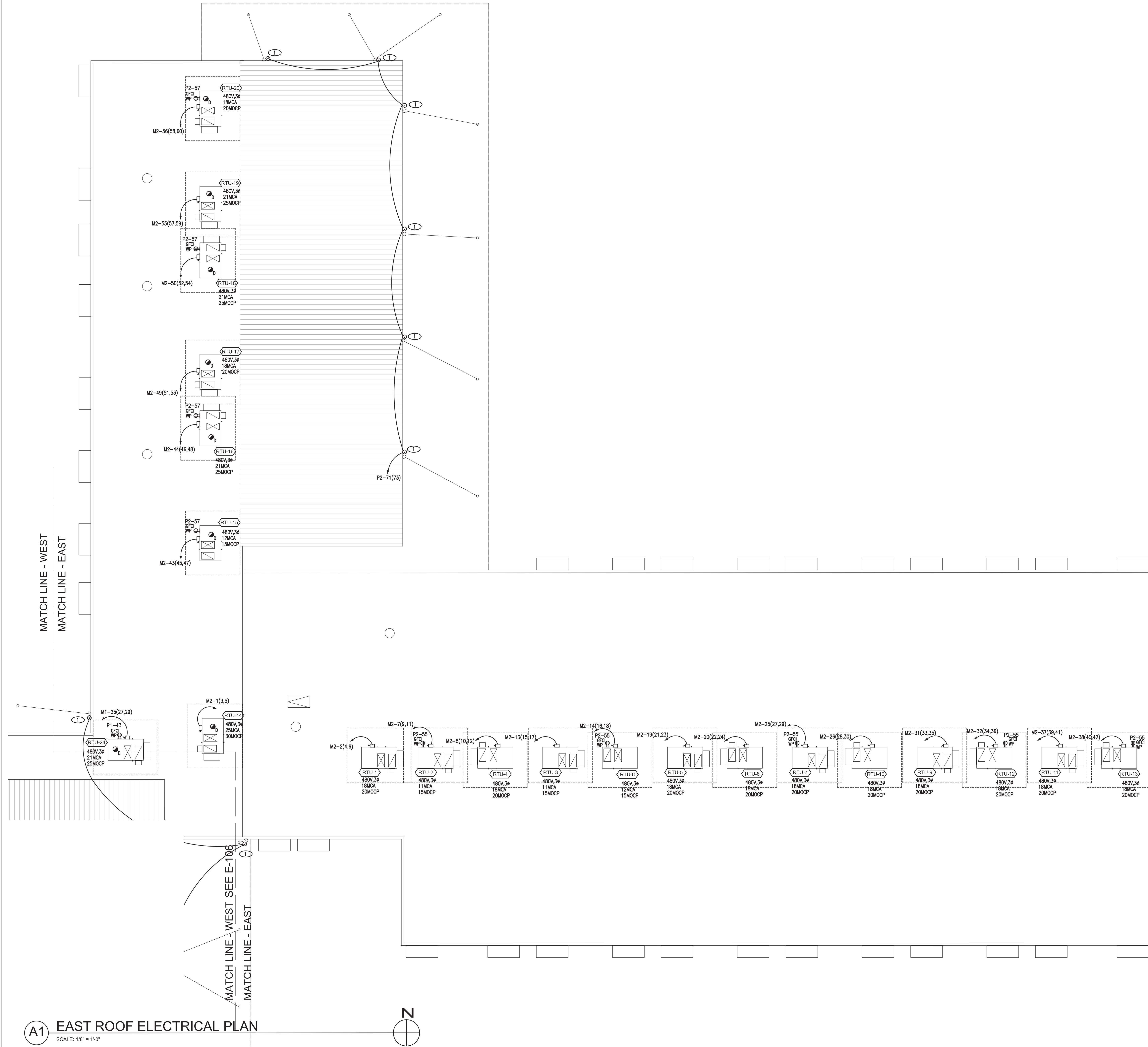
MATCH LINE

A1 PARTIAL POWER AND SPECIAL SYSTEMS PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN
NTS





GENERAL NOTES:

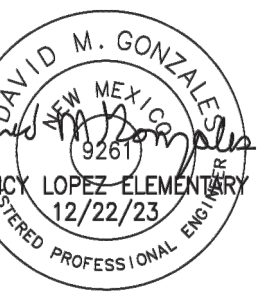
1. ALL BRANCH CIRCUIT WIRING TO BE #12 THHN/THWN CU. AND ALL CONDUIT TO BE 1/2" EMT MINIMUM UNLESS NOTED OTHERWISE.
2. ALL ELECTRICAL TO MEET NATIONAL STATE AND LOCAL CODES.
3. ALL ELECTRICAL DEVICES TO BE U.L. LISTED FOR INTENDED USE.
4. ALL GROUNDING OF DEVICES TO MEET THE REQUIREMENTS OF ARTICLE 250 OF THE NEC.

KEYED NOTES:

- ① PROVIDE CONNECTION TO ROOF DRAIN HEAT TAPE AS REQUIRED PER MANUFACTURER'S SHOP DRAWINGS. COORDINATE WITH PLUMBING PLANS AND SPECIFICATIONS. PROVIDE ALL REQUIRED CONNECTIONS.



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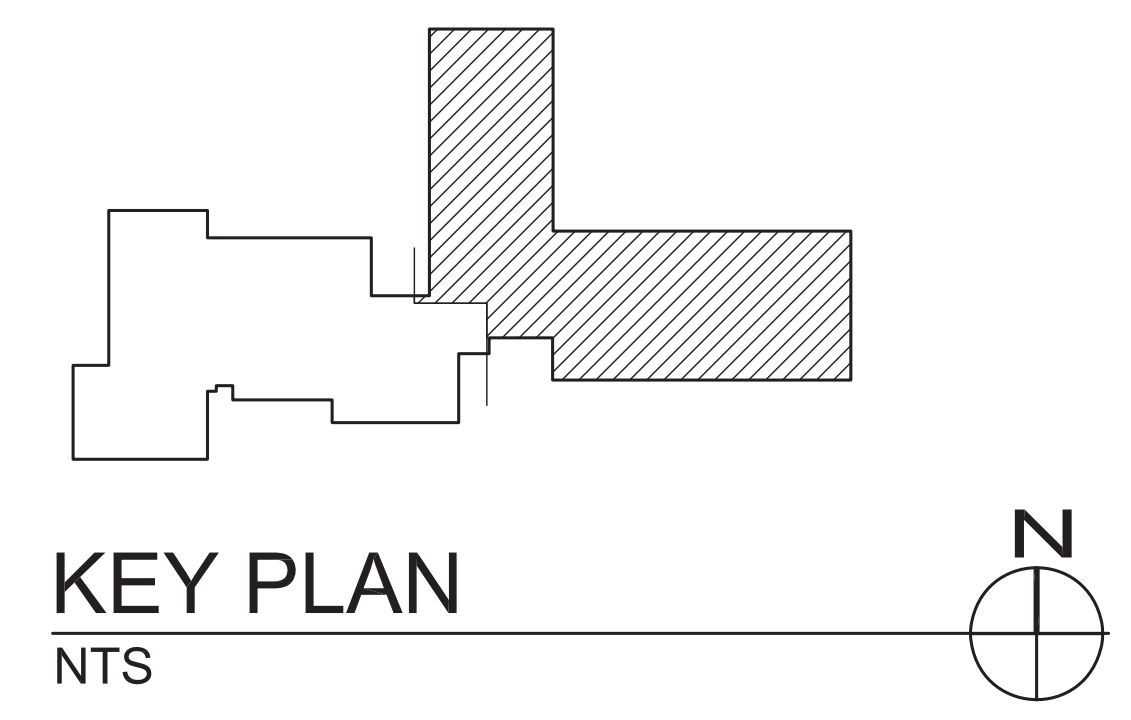
SHEET TITLE

EAST
ROOF
ELECTRICAL
PLAN

SHEET NO.

E-105

A1 EAST ROOF ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"



GENERAL NOTES:

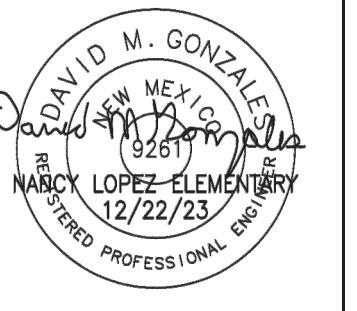
1. ALL BRANCH CIRCUIT WIRING TO BE #12 THHN/THWN CU. AND ALL CONDUIT TO BE 1/2" EMT MINIMUM UNLESS NOTED OTHERWISE.
2. ALL ELECTRICAL TO MEET NATIONAL STATE AND LOCAL CODES.
3. ALL ELECTRICAL DEVICES TO BE U.L. LISTED FOR INTENDED USE.
4. ALL GROUNDING OF DEVICES TO MEET THE REQUIREMENTS OF ARTICLE 250 OF THE NEC.

KEYED NOTES:

- 1 PROVIDE CONNECTION TO ROOF DRAIN HEAT TAPE AS REQUIRED PER MANUFACTURER'S SHOP DRAWINGS. COORDINATE WITH PLUMBING PLANS AND SPECIFICATIONS. PROVIDE ALL REQUIRED CONNECTIONS.



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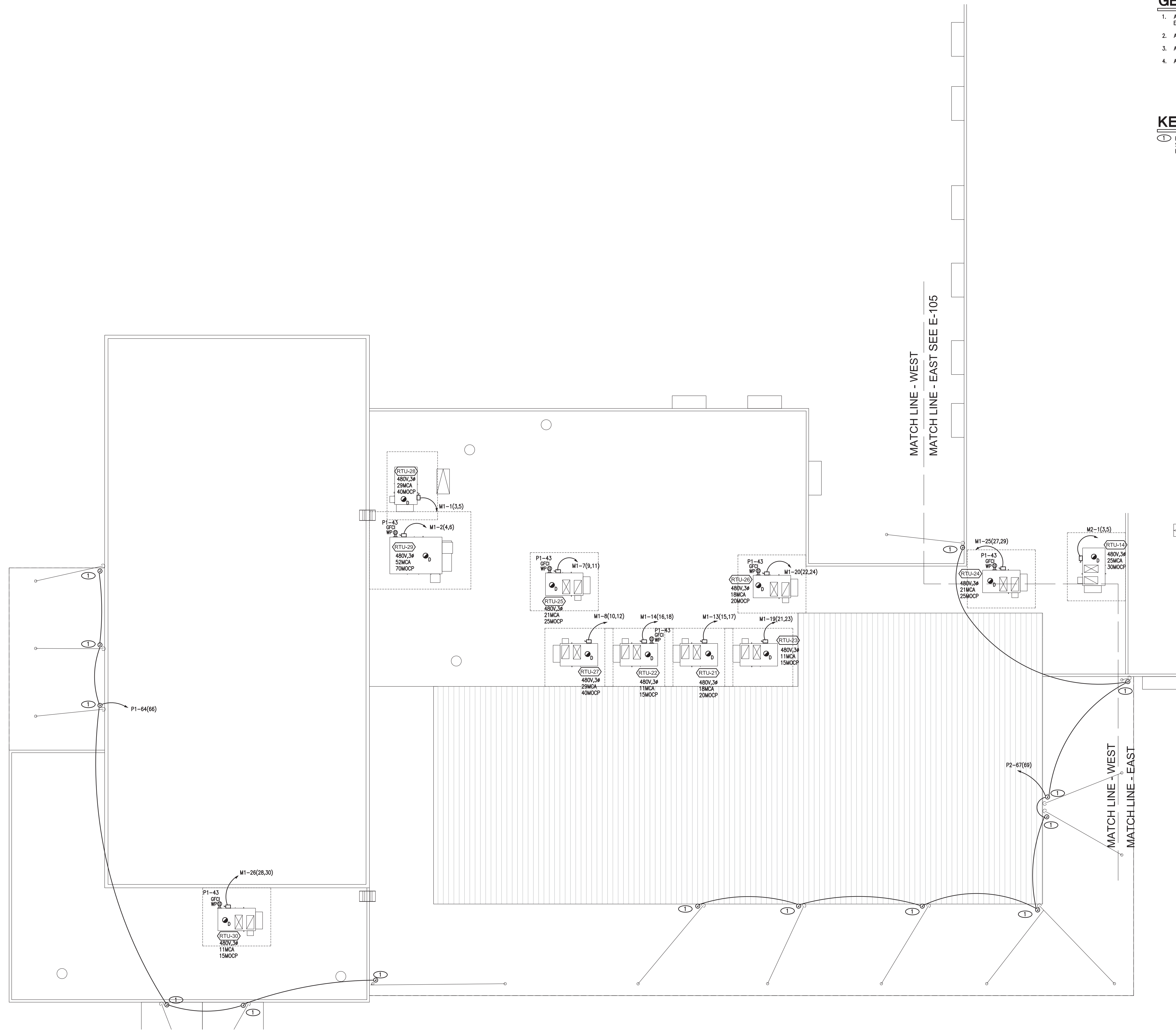
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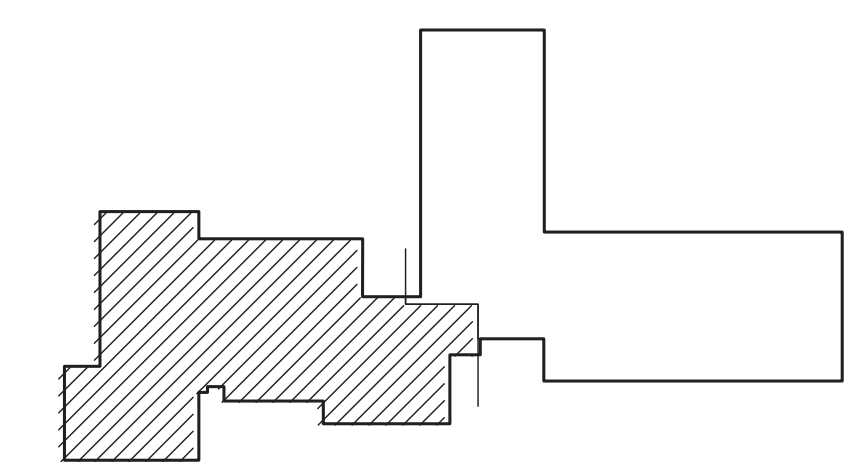
WEST
ROOF
ELECTRICAL
PLAN

SHEET NO.

E-106



A1 WEST ROOF ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN
NTS



