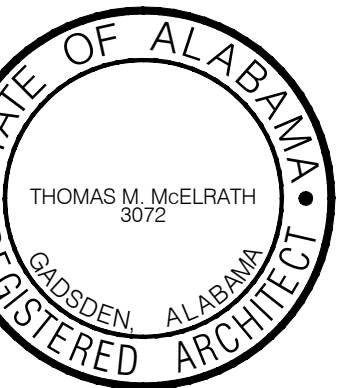


A NEW CITY HALL and MUNICIPAL OFFICE FACILITY

for the City of Centre, Alabama

350 E. Main Street

Mark Mansfield, Mayor



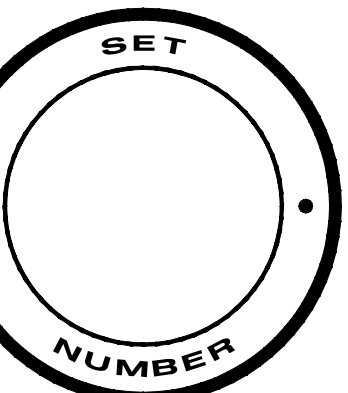
THOMAS M. McELRATH, ARCHITECT
ARCHITECTURE and SPACE PLANNING
717 MERIT SPRINGS ROAD
GADSDEN, ALABAMA 35901
PHONE: (256) 490-8244
EMAIL: TOM@TMM-ARCHITECT.COM

A NEW CITY HALL
and
MUNICIPAL OFFICE FACILITY
for the
CITY OF CENTRE, ALABAMA
350 E. MAIN STREET

SCHEDULE OF DRAWINGS:	STRUCTURAL	GENERAL NOTES (APPLICABLE TO ALL DWG'S)	ARCHITECT:				
TITLE SHEET		<ol style="list-style-type: none"> This Contractor shall verify these Drawings with existing field dimensions & conditions that affect new work under this Contract. Do not scale Drawings. If dimensions are in question, obtain clarification from Architect prior to proceeding with the work. All dimensions relative to existing construction/conditions shall be considered approximate only(+/-). Minor discrepancies shall not relieve the Contractor from completing the work in accordance with the intent set forth. Upon discovery of existing conditions appreciably different from those shown or indicated, notify the Architect or Engineer immediately for further instructions. Restore existing site improvements (shown to remain) where damaged by construction work, where new items are installed in or on a surface, and where existing items are removed. Verify exact location of existing utility lines prior to commencing work. See CIVIL, MECHANICAL & ELECTRICAL drawings for routing and/or connection of new or existing items relative to each trade. Traffic: Conduct construction operations to ensure minimum interference with drives, walks, roads and adjacent occupied homes and other facilities. Ensure safe passage of persons around area of construction. Conduct operations to prevent injury to persons, adjacent property and other improvements. See Notes and Specifications for disposal of all rubbish and debris. 	<u>ARCHITECT</u> THOMAS M. McELRATH, ARCHITECT THOMAS M. McELRATH, PROJECT ARCHITECT 717 MERIT SPRINGS ROAD GADSDEN, ALABAMA 35901 PHONE: (256) 490-8244 EMAIL: tom@tmm-architect.com				
CIVIL	S1.0 of 07 GENERAL NOTES S1.1 of 07 TYPICAL DETAILS S1.2 of 07 TYPICAL DETAILS S2.1 of 07 FOUNDATION & FLOOR & MECHANICAL MEZZANINE FRAMING PLANS S2.2 of 07 ROOF FRAMING PLAN S3.0 of 07 BRACED BAYS & TYPICAL DETAILS S7.0 of 07 SECTIONS						
SURVEY C1.0 of 12 BOUNDARY SURVEY C2.0 of 12 TOPOGRAPHIC SURVEY C3.0 of 12 DEMOLITION PLAN C4.0 of 12 SITE GRADING AND STORM DRAINAGE PLAN #1 C5.0 of 12 SITE GRADING AND STORM DRAINAGE PLAN #2 C6.0 of 12 UTILITY PLAN C7.0 of 12 PAVING PLAN C8.0 of 12 EROSION CONTROL PLAN #1 C9.0 of 12 EROSION CONTROL PLAN #2 C10.0 of 12 MISCELLANEOUS DETAILS C11.0 of 12 MISCELLANEOUS DETAILS C12.0 of 12 EROSION CONTROL NOTES AND DETAILS	PLUMBING FP0.1 of 06 FIRE PROTECTION-SCHEDULES AND DETAILS FP1.1 of 06 FIRE PROTECTION-FLOOR PLANS P0.1 of 06 PLUMBING-SCHEDULES, NOTES & DETAILS P1.1 of 06 NON-PRESSURE FLOOR PLANS & SANITARY RISER P2.1 of 06 PRESSURE FLOOR PLANS & PRESSURE RISER P3.1 of 06 NATURAL GAS RISER						
ARCHITECTURAL	MECHANICAL M0.1 of 06 MECHANICAL LEGEND AND SCHEDULES M0.2 of 06 MECHANICAL EQUIPMENT SCHEDULES M0.3 of 06 MECHANICAL DETAILS & CONTROLS M0.4 of 06 MECHANICAL DETAILS M1.1 of 06 HVAC FLOOR PLANS M1.2 of 06 PIPING FLOOR PLANS		<u>CONSULTANTS:</u>				
A2.0 of 20 LIFE SAFETY PLAN A2.1 of 20 ARCHITECTURAL NOTES-FLOOR PLAN A2.2 of 20 DIMENSIONS-FLOOR PLAN A2.3 of 20 REFLECTED CEILING PLAN A3.0 of 20 SCHEDULES AND DETAILS-SHEET ONE A3.1 of 20 SCHEDULES AND DETAILS-SHEET TWO A4.0 of 20 ELEVATIONS A5.0 of 20 ROOF PLAN A5.1 of 20 ROOF DETAILS A5.2 of 20 CANOPY DETAILS A6.0 of 20 CROSS SECTIONS-SHEET ONE A6.1 of 20 CROSS SECTIONS-SHEET TWO A7.0 of 20 WALL SECTIONS-SHEET ONE A7.1 of 20 WALL SECTIONS-SHEET TWO A7.2 of 20 WALL SECTIONS-SHEET THREE A8.0 of 20 SECTIONS AND DETAILS A8.1 of 20 LARGE SCALE TOILET PLANS, ELEVATIONS AND SECTIONS A9.0 of 20 CASEWORK SCHEDULE, SIGNAGE AND FULL SIZE DETAILS A9.1 of 20 MILLWORK AND CASEWORK ELEVATIONS A9.2 of 20 LARGE SCALE DAIS PLAN AND DETAILS	ELECTRICAL E1.0 of 10 SITE PLAN-ELECTRICAL DEMOLITION E1.1 of 10 SITE PLAN-ELECTRICAL E2.0 of 10 ELECTRICAL LEGEND AND SCHEDULES E3.1 of 10 ELECTRICAL DETAILS-1 E3.2 of 10 AUXILIARY DETAILS-1 E3.3 of 10 AUXILIARY DETAILS-2 E4.0 of 10 SINGLE LINE DIAGRAM E4.1 of 10 FLOOR PLAN-LIGHTING E4.2 of 10 FLOOR PLAN-POWER E4.3 of 10 M&P EQUIPMENT CONNECTIONS		<table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <u>CIVIL</u> LADD ENVIRONMENTAL JAMES PAYTON, P.E. 1207 CHITWOOD AVENUE, S.E. FORT PAYNE, AL 35967 PHONE: (256) 845-5315 FAX: (256) 845-5383 </td> <td style="width: 50%; vertical-align: top;"> <u>PLUMBING & MECHANICAL</u> DEWBERRY ENGINEERING, INC. WADE STEWART, P.E. SCOTT CARLISLE, P.E. 158 BUSINESS CENTER DRIVE BIRMINGHAM, AL 35244 PHONE: (205) 988-2069 FAX: (205) 988-2065 </td> </tr> <tr> <td style="vertical-align: top;"> <u>STRUCTURAL</u> MBA ENGINEERS, INC. KEITH OWENS, P.E. 300 20th NORTH, SUITE 100 BIRMINGHAM, AL 35203 PHONE: (205) 323-6385 FAX: (205) 324-0698 </td> <td style="vertical-align: top;"> <u>ELECTRICAL</u> THE EE GROUP, INC., JAY MORGAN, P.E. 1521 RAINBOW DRIVE GADSDEN, AL 35901 PHONE: (256) 413-7717 FAX: (256) 413-7789 </td> </tr> </table>	<u>CIVIL</u> LADD ENVIRONMENTAL JAMES PAYTON, P.E. 1207 CHITWOOD AVENUE, S.E. FORT PAYNE, AL 35967 PHONE: (256) 845-5315 FAX: (256) 845-5383	<u>PLUMBING & MECHANICAL</u> DEWBERRY ENGINEERING, INC. WADE STEWART, P.E. SCOTT CARLISLE, P.E. 158 BUSINESS CENTER DRIVE BIRMINGHAM, AL 35244 PHONE: (205) 988-2069 FAX: (205) 988-2065	<u>STRUCTURAL</u> MBA ENGINEERS, INC. KEITH OWENS, P.E. 300 20th NORTH, SUITE 100 BIRMINGHAM, AL 35203 PHONE: (205) 323-6385 FAX: (205) 324-0698	<u>ELECTRICAL</u> THE EE GROUP, INC., JAY MORGAN, P.E. 1521 RAINBOW DRIVE GADSDEN, AL 35901 PHONE: (256) 413-7717 FAX: (256) 413-7789
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TITLE SHEET

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DATE FEBRUARY 28, 2024
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JOB NO. 22-06
REVISIONS



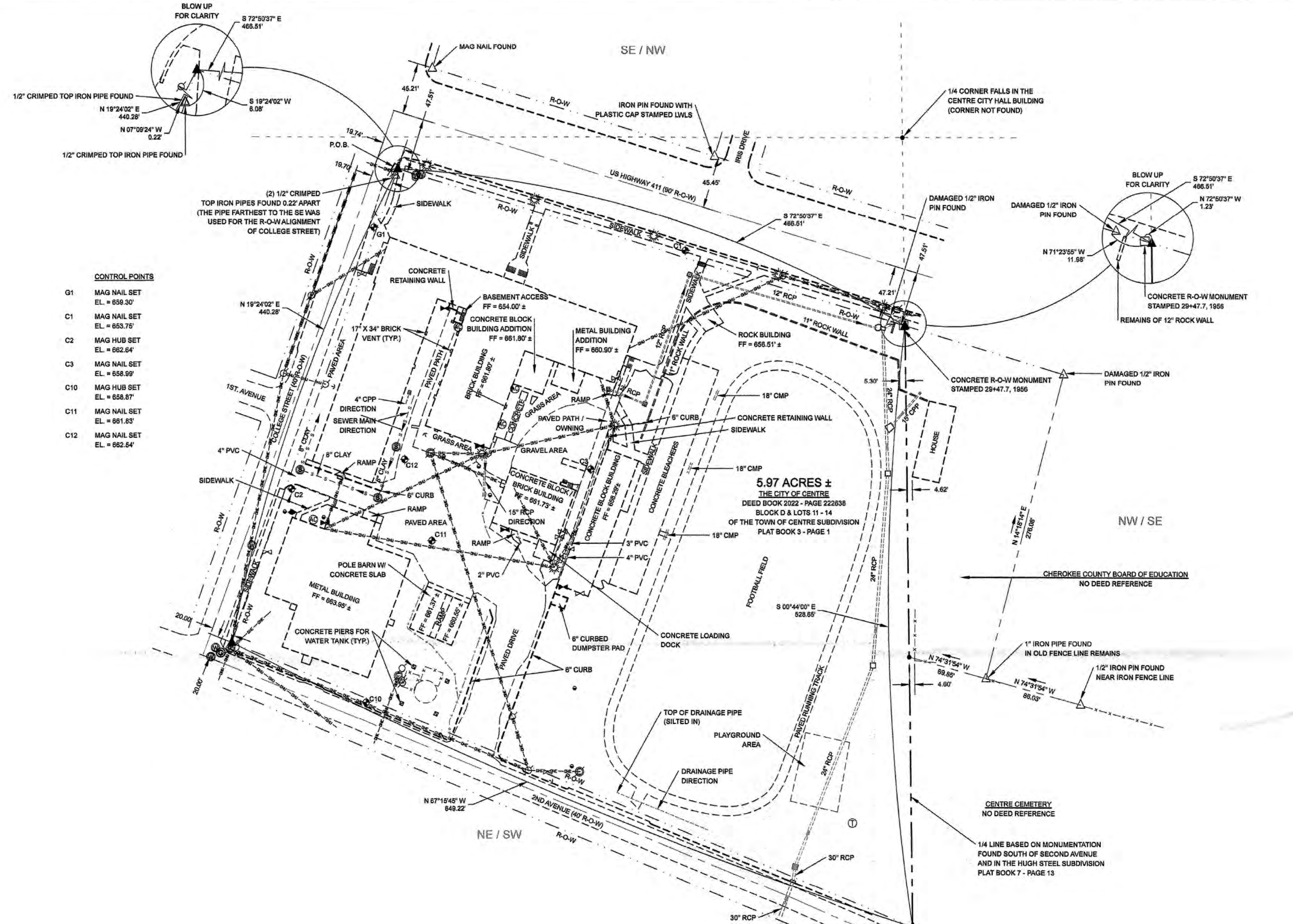
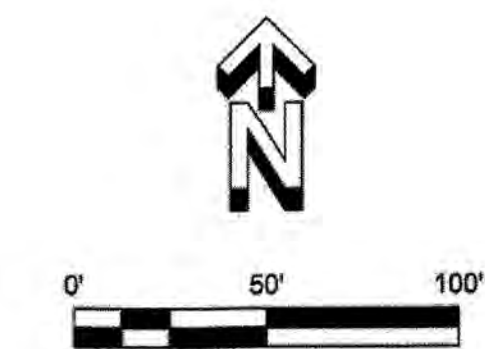


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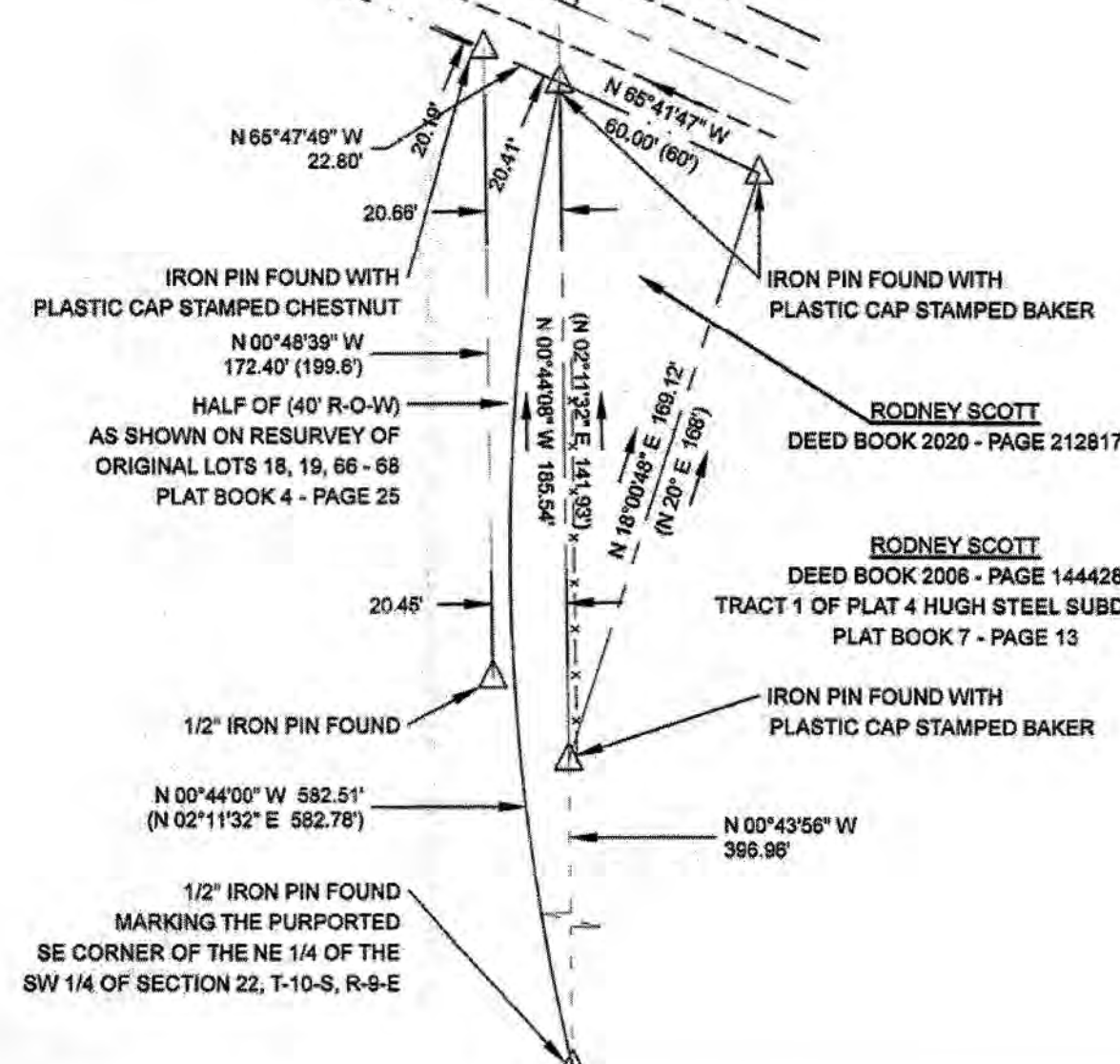
- CONTROL POINTS**
- G1 MAG NAIL SET EL. = 659.30'
 - C1 MAG NAIL SET EL. = 653.75'
 - C2 MAG HUB SET EL. = 662.64'
 - C3 MAG NAIL SET EL. = 658.99'
 - C10 MAG HUB SET EL. = 658.87'
 - C11 MAG NAIL SET EL. = 661.63'
 - C12 MAG NAIL SET EL. = 662.54'

LEGEND

- | | |
|--|--------|
| POINT OF COMMENCEMENT | P.O.C. |
| POINT OF BEGINNING | P.O.B. |
| IRON PIN SET WITH PLASTIC CAP STAMPED L.E.C.I. CA-119-LS | ▲ |
| EXISTING MONUMENTATION FOUND | △ |
| EXISTING RIGHT-OF-WAY MONUMENT FOUND | □ |
| CALCULATED POINT | ○ |
| HORIZONTAL / VERTICAL CONTROL POINT | ◆ |
| EXISTING POWER METER | ⊕ |
| EXISTING UTILITY POLE / SERVICE POLE | ⊕ |
| EXISTING GUY ANCHOR | + |
| EXISTING LIGHT POLE | ⊙ |
| EXISTING UNDERGROUND TELECOMMUNICATION MARKER | ⊙ |
| EXISTING GAS VALVE | ⊙ |
| EXISTING GAS METER | ⊙ |
| EXISTING GAS REGULATOR | ⊙ |
| EXISTING FIRE HYDRANT | ⊙ |
| EXISTING WATER VALVE | ⊙ |
| EXISTING WATER METER | ⊙ |
| EXISTING SANITARY SEWER MANHOLE | ⊙ |
| EXISTING SANITARY SEWER CLEANOUT | ⊙ |
| EXISTING AC UNIT | ⊙ |
| PROPERTY LINE BEING SURVEYED | --- |
| EXISTING PROPERTY LINE | --- |
| EXISTING RIGHT-OF-WAY LINE | --- |
| EXISTING FENCE LINE | --- |
| EXISTING OVERHEAD UTILITY LINE | --- |
| EXISTING OVERHEAD ELECTRIC LINE | --- |
| EXISTING SANITARY SEWER LINE | --- |
| 1/4 LINE | --- |
| TIE LINE | --- |
| LINE NOT TO SCALE | --- |

NOTES:

1. FIELD SURVEY COMPLETED 11/22/2022
2. BEARINGS ARE BASED ON NAD 83 ALABAMA EAST / GEOID 188 COORDINATE SYSTEM, USING A TRIMBLE R8S GNSS AND ALDOT'S CONTINUOUSLY OPERATING REFERENCE STATION (CORS) NETWORK TO SET CONTROL POINTS AT THE SURVEY SITE.
3. ELEVATIONS ARE BASED ON NAVD 88, USING A TRIMBLE R8S GNSS AND ALDOT'S (CORS) NETWORK.
4. BEARINGS AND DISTANCES IN PARENTHESIS INDICATE INFORMATION FOUND IN PROPERTY DEEDS, SUBDIVISION PLATS, ALDOT RIGHT-OF-WAY MAPS AND RIGHT-OF-WAY INFORMATION FROM THE CITY OF CENTRE.
5. ALDOT RIGHT-OF-WAY MAP PROJECT # F-137 (3) AND F-353 (1) STATES A 90 FT. RIGHT-OF-WAY FOR US HIGHWAY # 411. THE CITY OF CENTRE STATES A 40 FT. RIGHT-OF-WAY FOR COLLEGE STREET AND 2ND AVENUE.
6. ALL UNDERGROUND UTILITIES AND BUILDINGS SHOWN ARE APPROXIMATE IN LOCATION ONLY.
7. PROPERTY MAY BE SUBJECT TO UTILITY LINE EASEMENTS COINCIDING WITH EXISTING OVERHEAD AND UNDERGROUND UTILITY LINES.
8. PROPERTY MAY BE SUBJECT TO UNKNOWN EASEMENTS OR EASEMENTS NOT VISIBLE ON THE GROUND. NO TITLE WORK PERFORMED.
9. NO ATTEMPT WAS MADE TO LOCATE ANY UTILITIES, EASEMENTS, IMPROVEMENTS OR ENCROACHMENTS ABOVE OR BELOW GROUND OTHER THAN THOSE SHOWN ON THIS DRAWING.
10. THIS PLAT OR MAP IS NOT VALID WITHOUT STAMP AND ORIGINAL SIGNATURE.
11. SEE SHEET 2 OF 2 FOR TOPOGRAPHIC SURVEY.



SURVEYOR'S STATEMENT

I COREY D. BAKER, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF ALABAMA HEREBY STATE THAT ALL PARTS OF THIS SURVEY AND MAP OR PLAT HAVE BEEN COMPLETED IN ACCORDANCE WITH THE CURRENT REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR SURVEYING IN THE STATE OF ALABAMA TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.



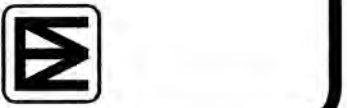
LADD ENVIRONMENTAL CONSULTANTS, INC.
 COREY D. BAKER
 AL LICENSE NO. 32816-S
 DATE: 12/1/2022

PROPERTY BOUNDARY SURVEY
 FOR
THE CITY OF CENTRE
 IN
CHEROKEE COUNTY, ALABAMA
 IN THE
 NE 1/4 OF THE SW 1/4 OF SECTION 22, T-10-S, R-9-E





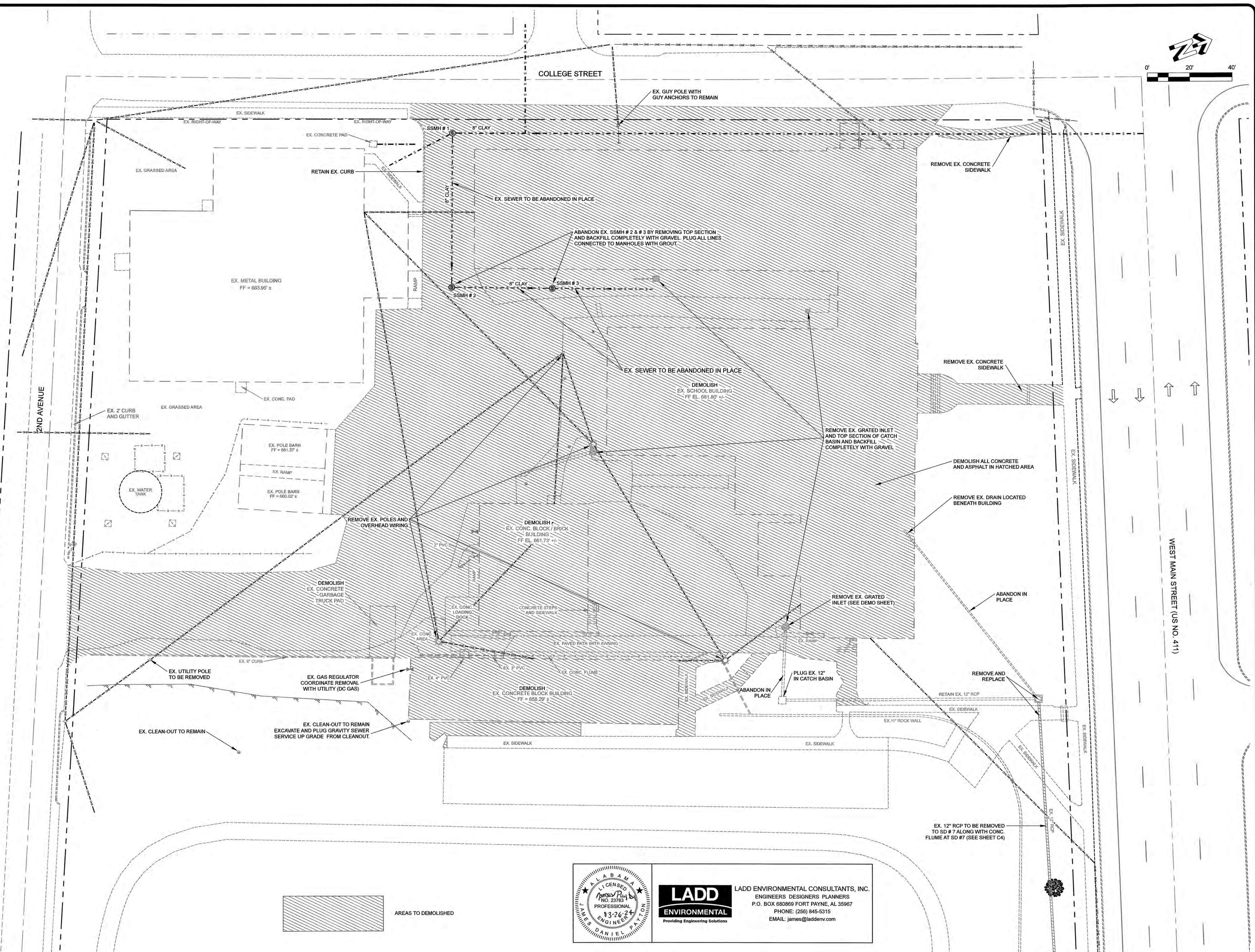
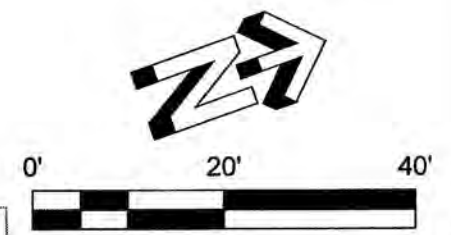
THOMAS M. McELRATH, ARCHITECT
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 717 MERT SPRINGS ROAD
 GADSDEN, ALABAMA 35901
 PHONE: (256) 490-8244
 EMAIL: TOM@TMM-ARCHITECT.COM



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 350 E. MAIN STREET

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FILE
JOB NO. 22-06
REVISIONS

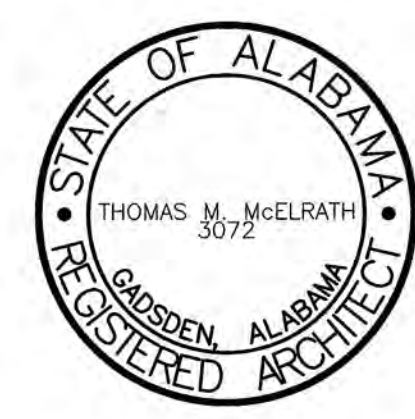
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 12
 SHEETS



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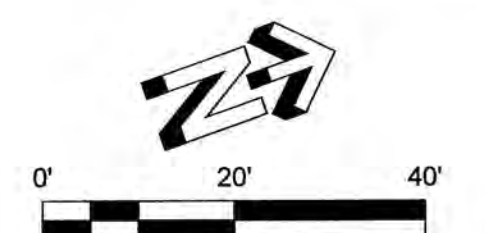
DEMOLITION PLAN



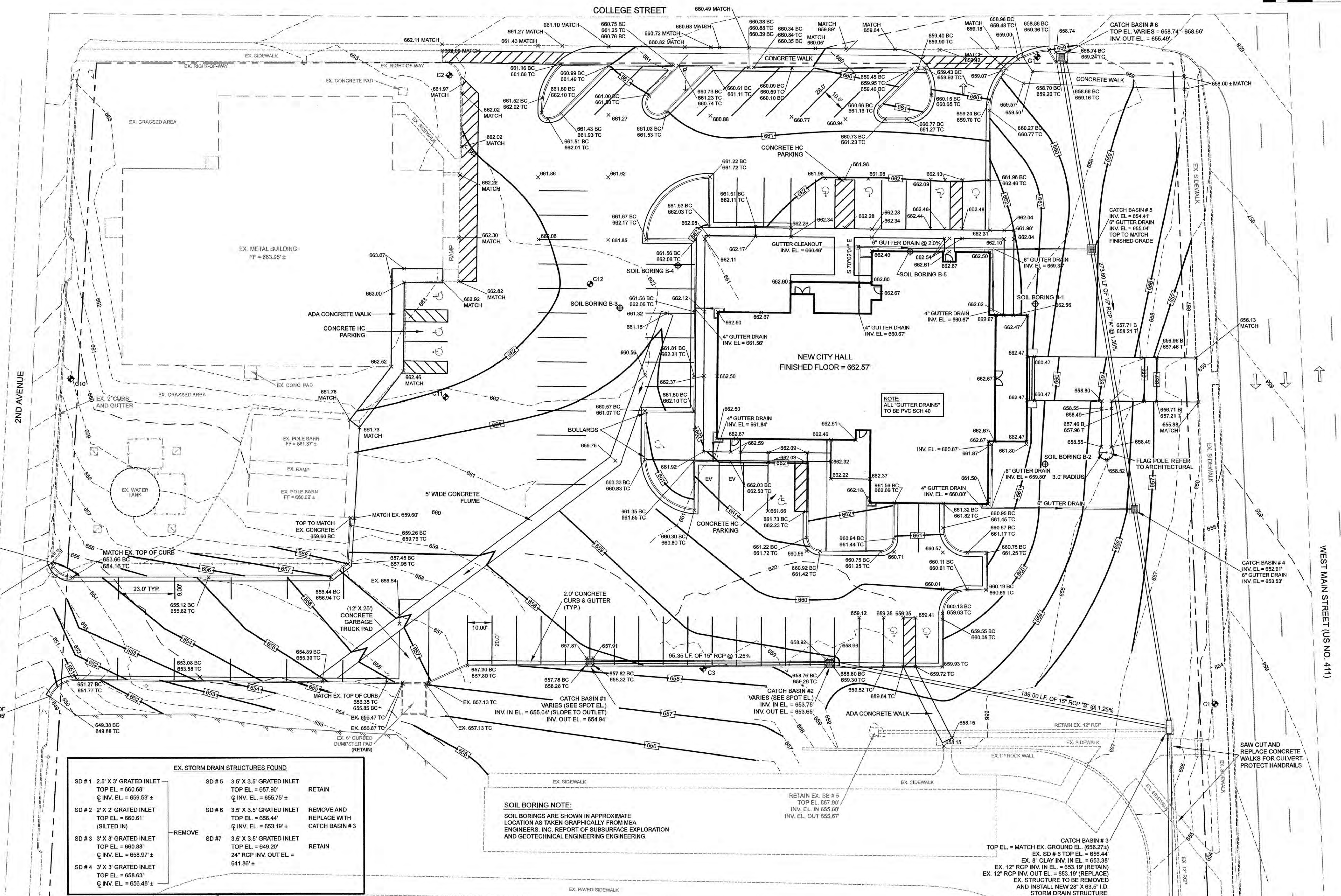
THOMAS M. McELRATH, ARCHITECT
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- CONTROL POINTS**
- G1 MAG NAIL SET EL. = 659.30'
 - C1 MAG NAIL SET EL. = 653.75'
 - C2 MAG HUB SET EL. = 662.64'
 - C3 MAG NAIL SET EL. = 658.99'
 - C10 MAG HUB SET EL. = 658.87'
 - C11 MAG NAIL SET EL. = 661.83'
 - C12 MAG NAIL SET EL. = 662.54'



EX. STORM DRAIN STRUCTURES FOUND

SD #1 2' X 3' GRATED INLET TOP EL. = 660.68' C.I. INV. EL. = 659.53' ±	SD #5 3.5' X 3.5' GRATED INLET TOP EL. = 657.80' C.I. INV. EL. = 655.75' ±	RETAIN
SD #2 2' X 2' GRATED INLET TOP EL. = 660.51' C.I. INV. EL. = 658.44' (SILTED IN)	SD #6 3.5' X 3.5' GRATED INLET TOP EL. = 663.19' ± C.I. INV. EL. = 663.19' ±	REMOVE AND REPLACE WITH CATCH BASIN #3
SD #3 3' X 3' GRATED INLET TOP EL. = 660.88' C.I. INV. EL. = 658.97' ±	SD #7 3.5' X 3.5' GRATED INLET TOP EL. = 649.20' 24" RCP INV. OUT EL. = 641.86' ±	RETAIN
SD #4 3' X 3' GRATED INLET TOP EL. = 658.63' C.I. INV. EL. = 656.48' ±		

PARKING SPACES

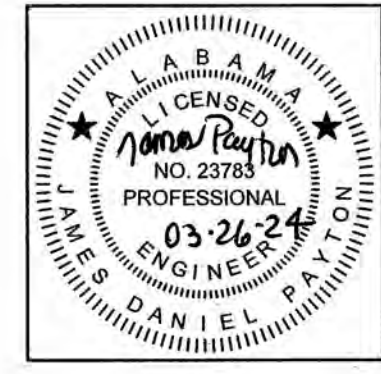
NUMBER OF SPACES	78
ADA ACCESS SPACES REQUIRED	4
NUMBER OF ADA SPACES PROVIDED	10
ADA VAN SPACES REQUIRED	1
NUMBER OF ADA VAN SPACES PROVIDED	5

PARKING SPACE NOTE:
PROVIDE CONCRETE WHEEL STOP FOR EACH PARKING SPACE. PLACE 2.0' FROM END OF SPACE. ANCHOR WITH STEEL PINS PER MANUFACTURER'S RECOMMENDATIONS. NOT APPLICABLE FOR PULL THROUGH PARKING SPACES.

GRADING AND SPOT ELEVATIONS LEGEND

EXISTING 1.0 FT. CONTOURS	---	664
EXISTING 5.0 FT. CONTOURS	---	665
PROPOSED CONTOURS	---	665
SPOT ELEVATIONS	x	657.30 BC
DIRECTION OF FLOW	→	

SOIL BORING NOTE:
SOIL BORINGS ARE SHOWN IN APPROXIMATE LOCATION AS TAKEN GRAPHICALLY FROM MBA ENGINEERS, INC. REPORT OF SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING.



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EMAIL: james@laddenv.com

CATCH BASIN #3
TOP EL. = MATCH EX. GROUND EL. (658.27')
EX. SD #5 TOP EL. = 656.44'
EX. 8" CLAY INV. IN EL. = 653.38'
EX. 12" RCP INV. IN EL. = 653.19' (RETAIN)
EX. 12" RCP INV. OUT EL. = 653.19' (REPLACE)
EX. STRUCTURE TO BE REMOVED AND INSTALL NEW 28" X 63.5" I.D. STORM DRAIN STRUCTURE.
RETAIN 12" RCP INV. IN EL. = 653.19'
15" RCP "A" INV. IN EL. = 651.91'
15" RCP "B" INV. IN EL. = 651.91'
18" HDPE INV. OUT EL. = 651.50'

SITE, GRADING AND STORM DRAINAGE PLAN #1

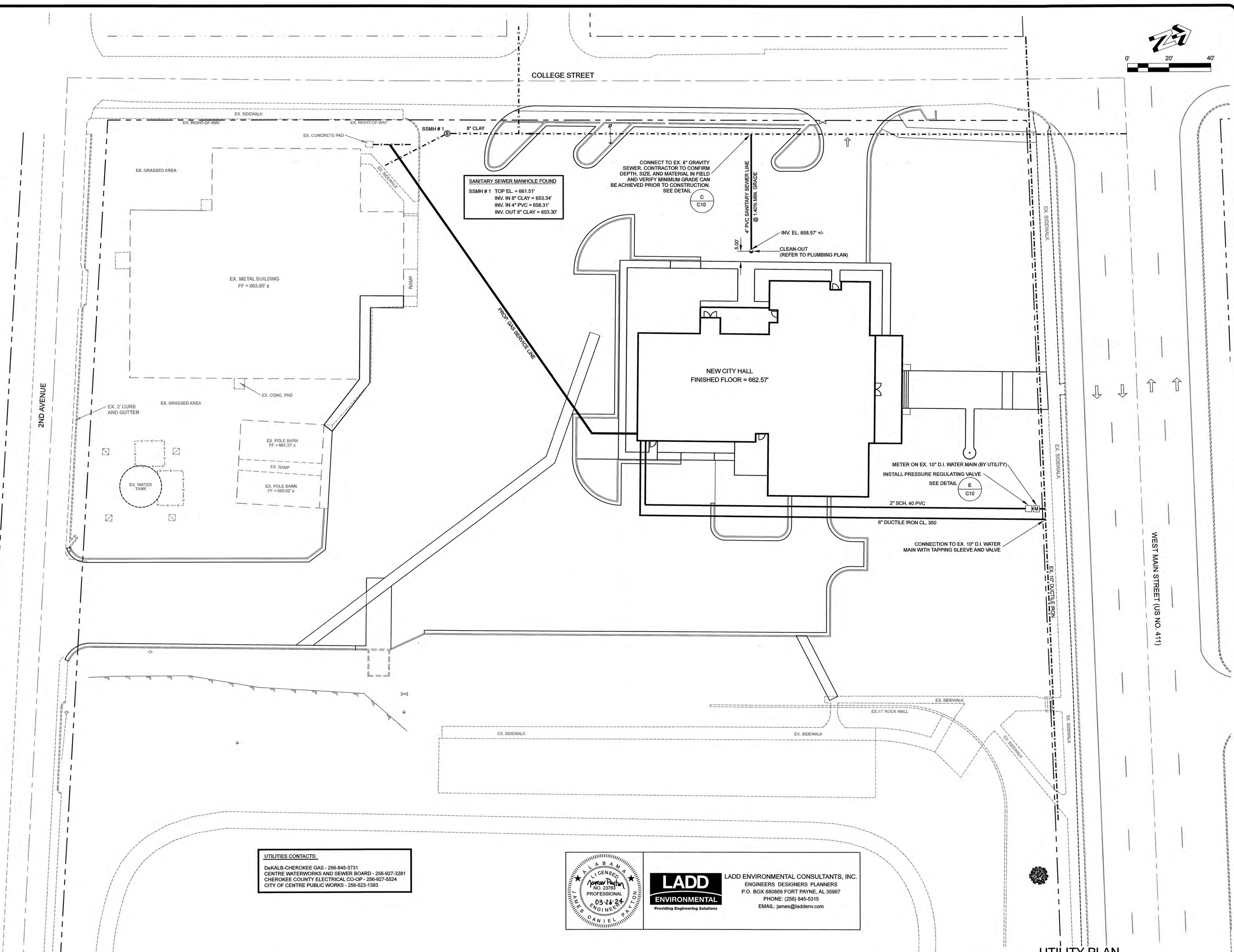
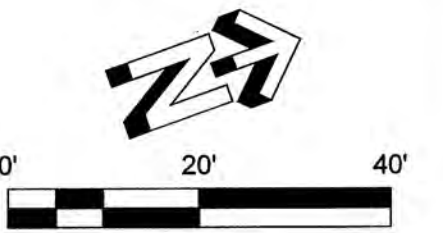


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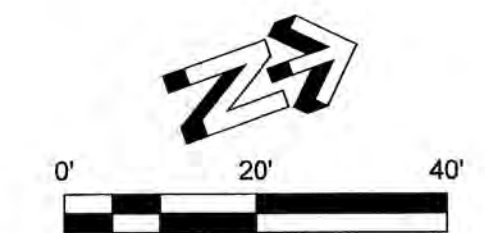
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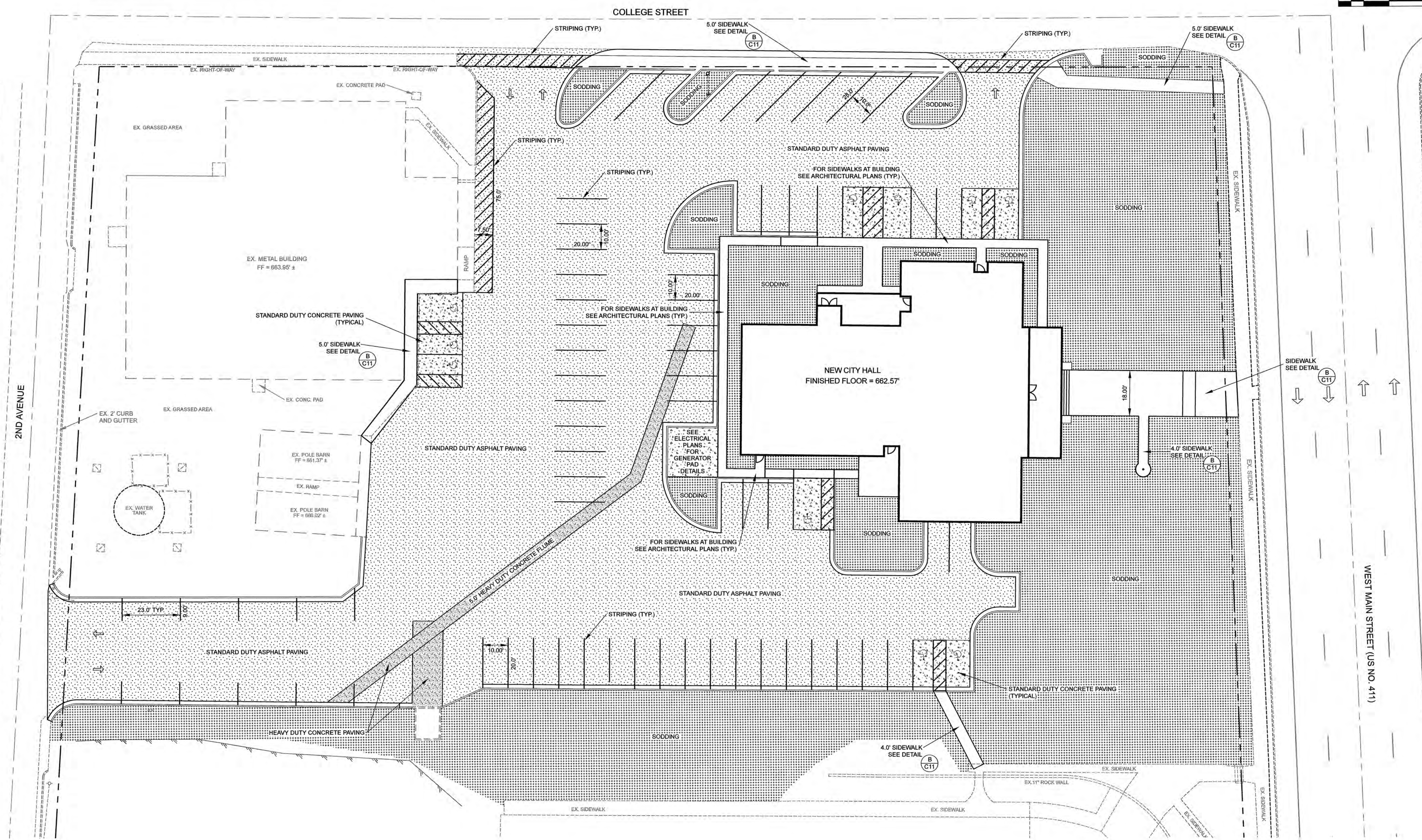
UTILITY PLAN



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	STANDARD DUTY ASPHALT PAVING		STANDARD DUTY CONCRETE PAVING
	HEAVY DUTY ASPHALT PAVING (NOT REQUIRED)		HEAVY DUTY CONCRETE PAVING (NEAR DUMPSTER PAD AND FLUME)
	SODDING	NOTE: CONTRACTOR MAY INSTALL STANDARD DUTY CONCRETE PAVING IN LIEU OF ASPHALT PAVING AT NO ADDITIONAL COST TO THE OWNER.	

James Payton
 NO. 23783
 PROFESSIONAL
 ENGINEER

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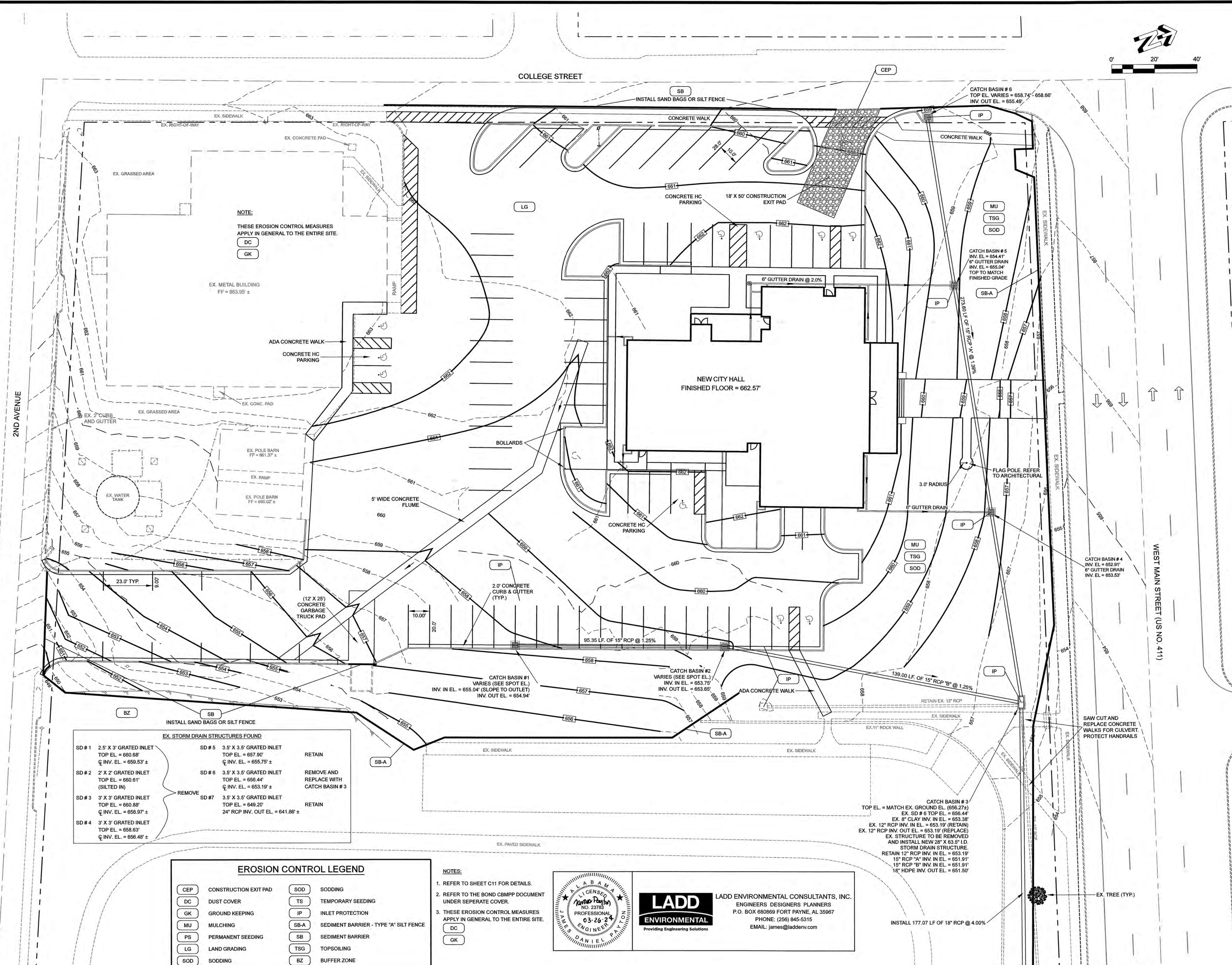


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NOTE:
THESE EROSION CONTROL MEASURES
APPLY IN GENERAL TO THE ENTIRE SITE.

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GK

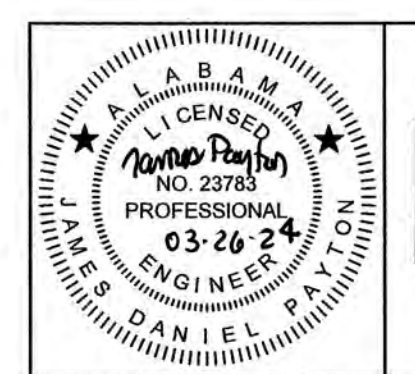
EX. STORM DRAIN STRUCTURES FOUND

SD #1 2.5' X 3' GRATED INLET TOP EL. = 660.68' C.I. INV. EL. = 659.53' ±	SD #5 3.5' X 3.5' GRATED INLET TOP EL. = 657.90' C.I. INV. EL. = 655.75' ±	RETAIN
SD #2 2' X 2' GRATED INLET TOP EL. = 660.61' (SILTED IN)	SD #6 3.5' X 3.5' GRATED INLET TOP EL. = 656.44' C.I. INV. EL. = 653.19' ±	REMOVE AND REPLACE WITH CATCH BASIN # 3
SD #3 3' X 3' GRATED INLET TOP EL. = 660.88' C.I. INV. EL. = 658.97' ±	SD #7 3.5' X 3.5' GRATED INLET TOP EL. = 649.20' 24" RCP INV. OUT EL. = 641.86' ±	REMOVE
SD #4 3' X 3' GRATED INLET TOP EL. = 658.63' C.I. INV. EL. = 656.48' ±		RETAIN

EROSION CONTROL LEGEND

CEP CONSTRUCTION EXIT PAD	SOD SODDING
DC DUST COVER	TS TEMPORARY SEEDING
GK GROUND KEEPING	IP INLET PROTECTION
MU MULCHING	SB-A SEDIMENT BARRIER - TYPE "A" SILT FENCE
PS PERMANENT SEEDING	SB SEDIMENT BARRIER
LG LAND GRADING	TSG TOPSOILING
SOD SODDING	BZ BUFFER ZONE

- NOTES:
- REFER TO SHEET C11 FOR DETAILS.
 - REFER TO THE BOND CBMPD DOCUMENT UNDER SEPARATE COVER.
 - THESE EROSION CONTROL MEASURES APPLY IN GENERAL TO THE ENTIRE SITE.
- DC
GK



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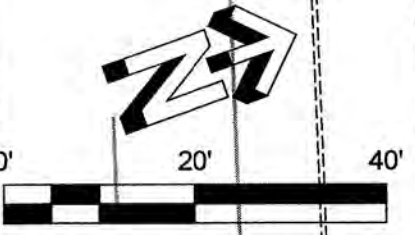
EROSION CONTROL PLAN # 1



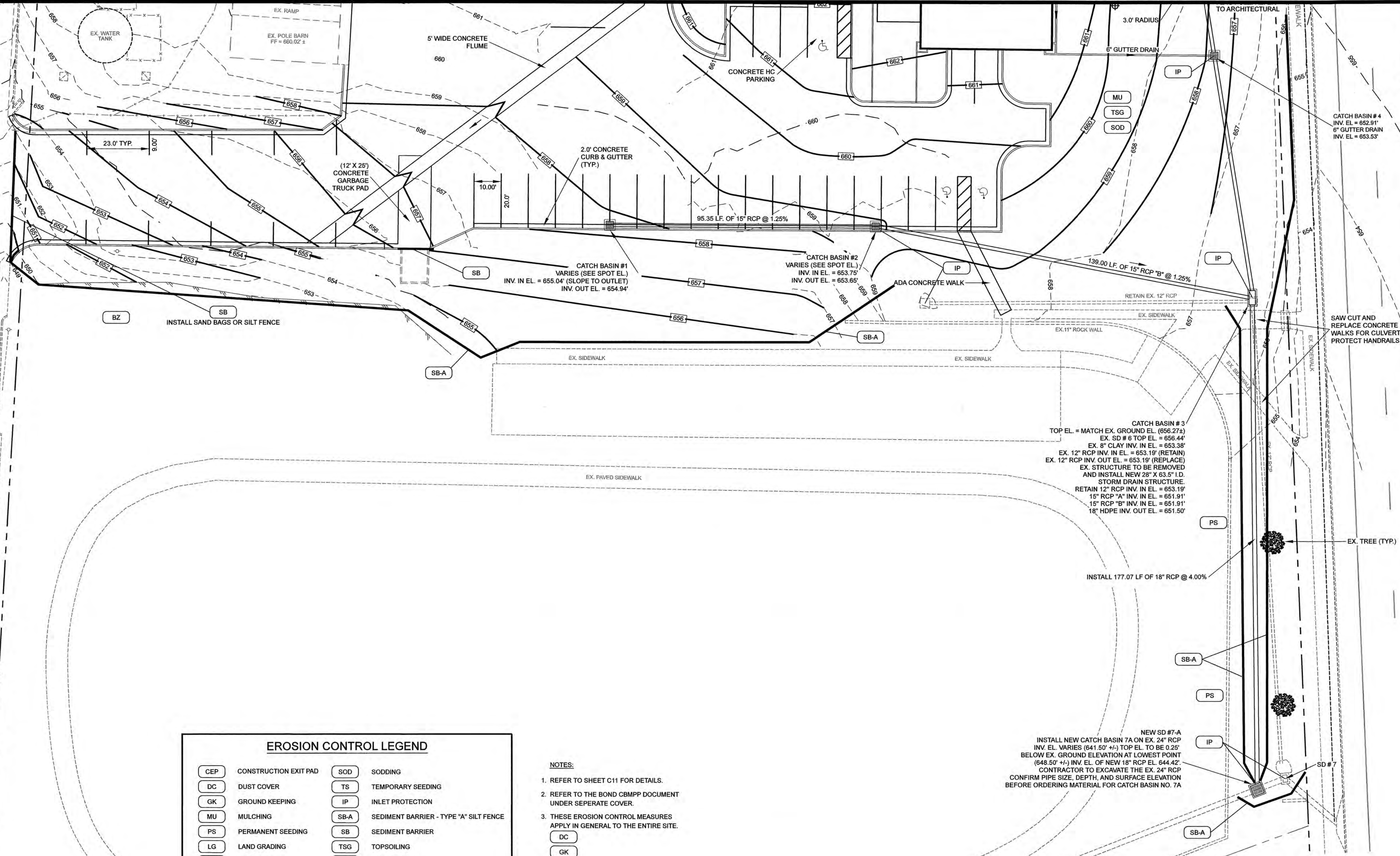
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A NEW CITY HALL
 and
MUNICIPAL OFFICE FACILITY
 for the
CITY of CENTRE, ALABAMA
 350 E. MAIN STREET

DRAWN
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SCALE AS NOTED
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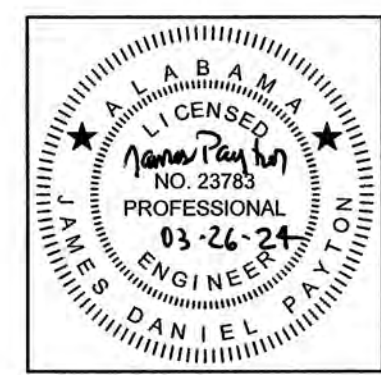


WEST MAIN STREET (US NO. 411)



EROSION CONTROL LEGEND			
CEP	CONSTRUCTION EXIT PAD	SOD	SODDING
DC	DUST COVER	TS	TEMPORARY SEEDING
GK	GROUND KEEPING	IP	INLET PROTECTION
MU	MULCHING	SB-A	SEDIMENT BARRIER - TYPE "A" SILT FENCE
PS	PERMANENT SEEDING	SB	SEDIMENT BARRIER
LG	LAND GRADING	TSG	TOPSOILING
SOD	SODDING	BZ	BUFFER ZONE

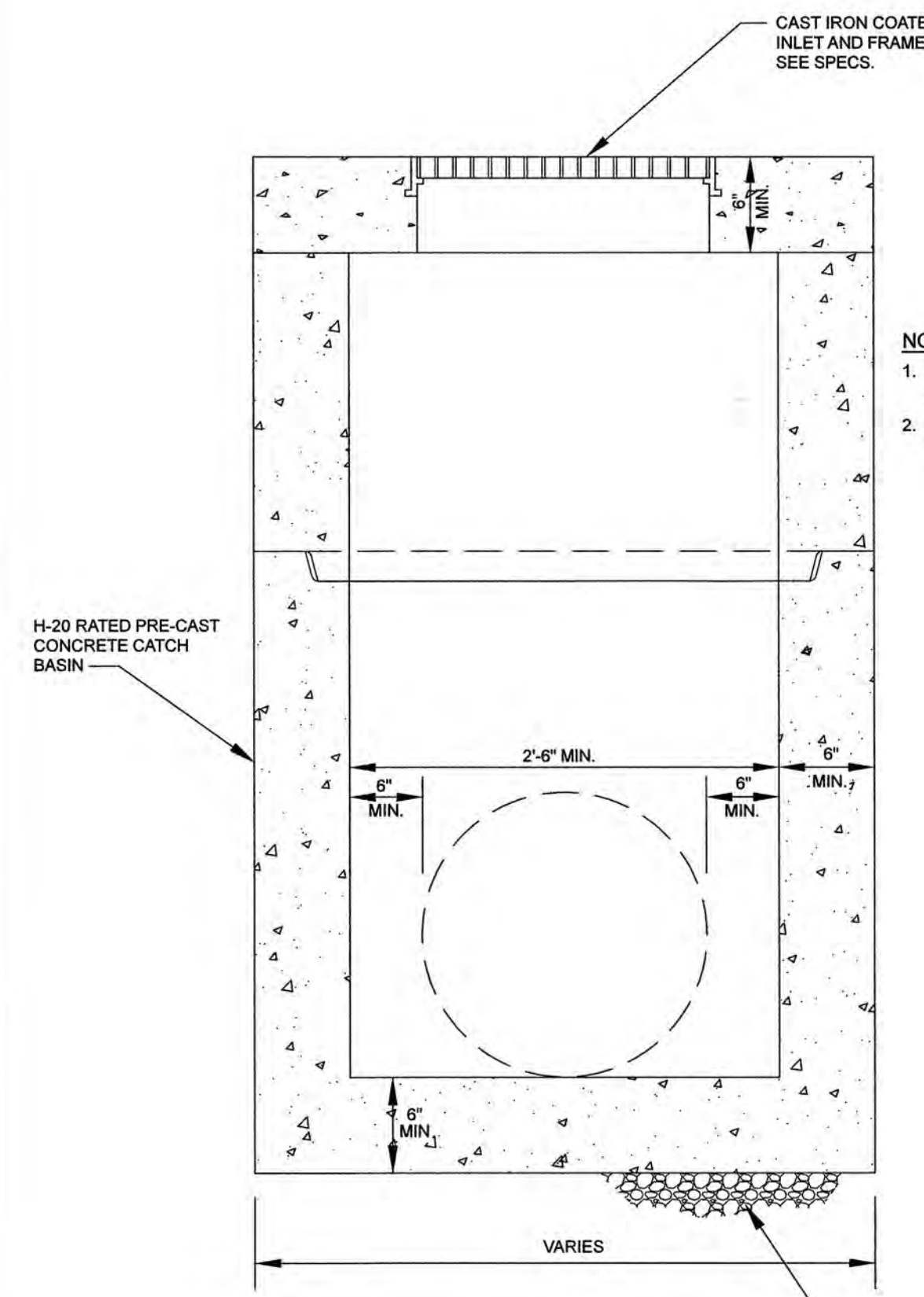
- NOTES:**
- REFER TO SHEET C11 FOR DETAILS.
 - REFER TO THE BOND CBMP DOCUMENT UNDER SEPERATE COVER.
 - THESE EROSION CONTROL MEASURES APPLY IN GENERAL TO THE ENTIRE SITE.



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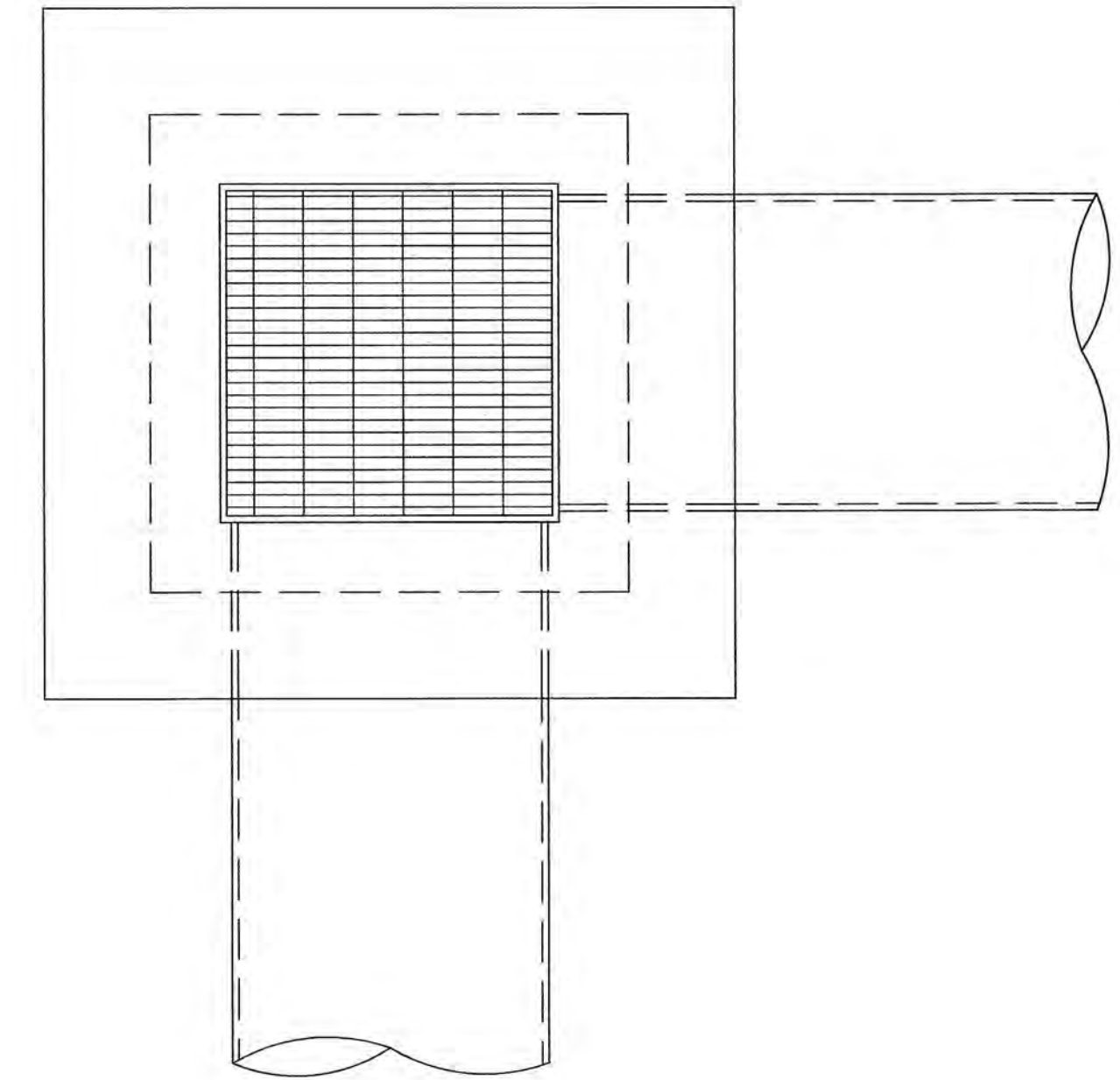
EROSION CONTROL PLAN # 2



NOTES:
 1. REFER TO PLAN FOR DEPTH, PIPE DIMENSIONS, AND GRATE SIZE.
 2. REFER TO PLAN FOR NUMBER OF PIPES, SIZE, TYPE AND ORIENTATION.

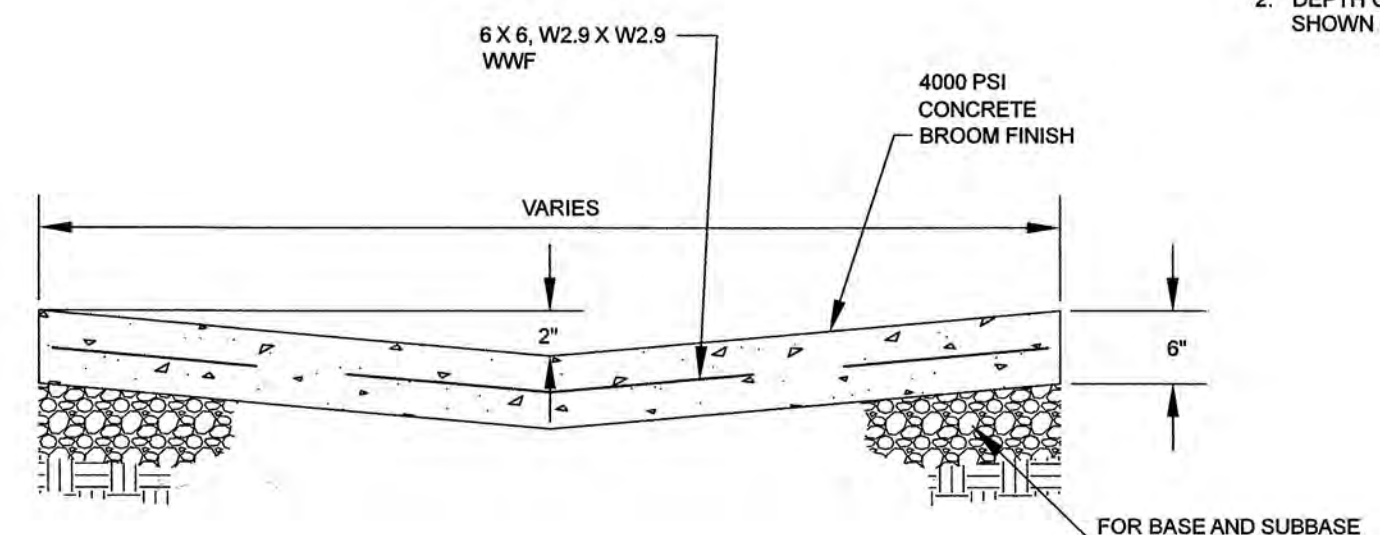
MIN. 4" AGGREGATE BASE (ALDOT NO. 57 OR NO. 410, OR ALDOT 825 TYPE B.)

SECTION VIEW



PLAN VIEW

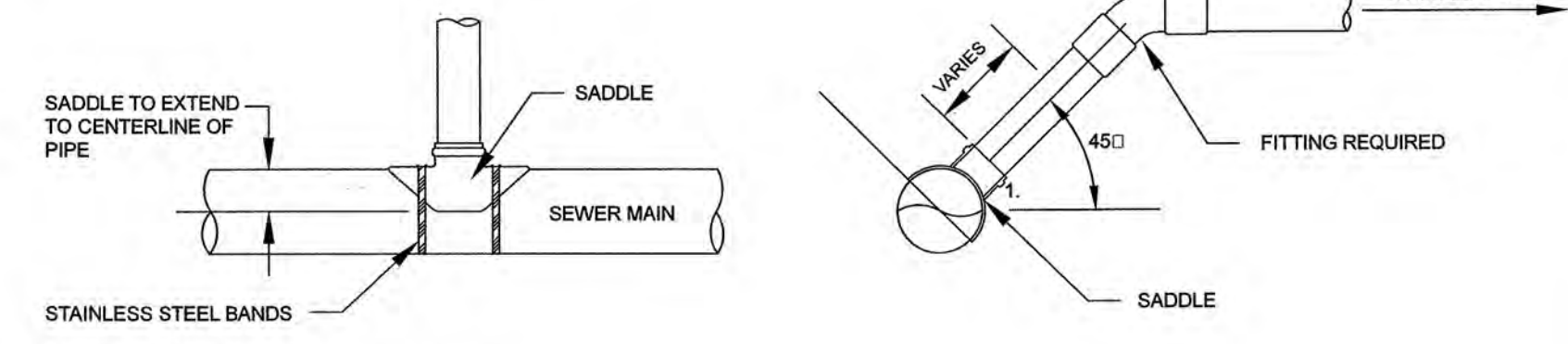
CATCH BASIN
NO SCALE



NOTES:
 1. REFER TO PLAN SHEET FOR WIDTH.
 2. DEPTH OF FLUME MAY VARY. ELEVATION SHOWN ON PLAN SHEET SHALL GOVERN.

VALLEY GUTTER DETAIL
NO SCALE

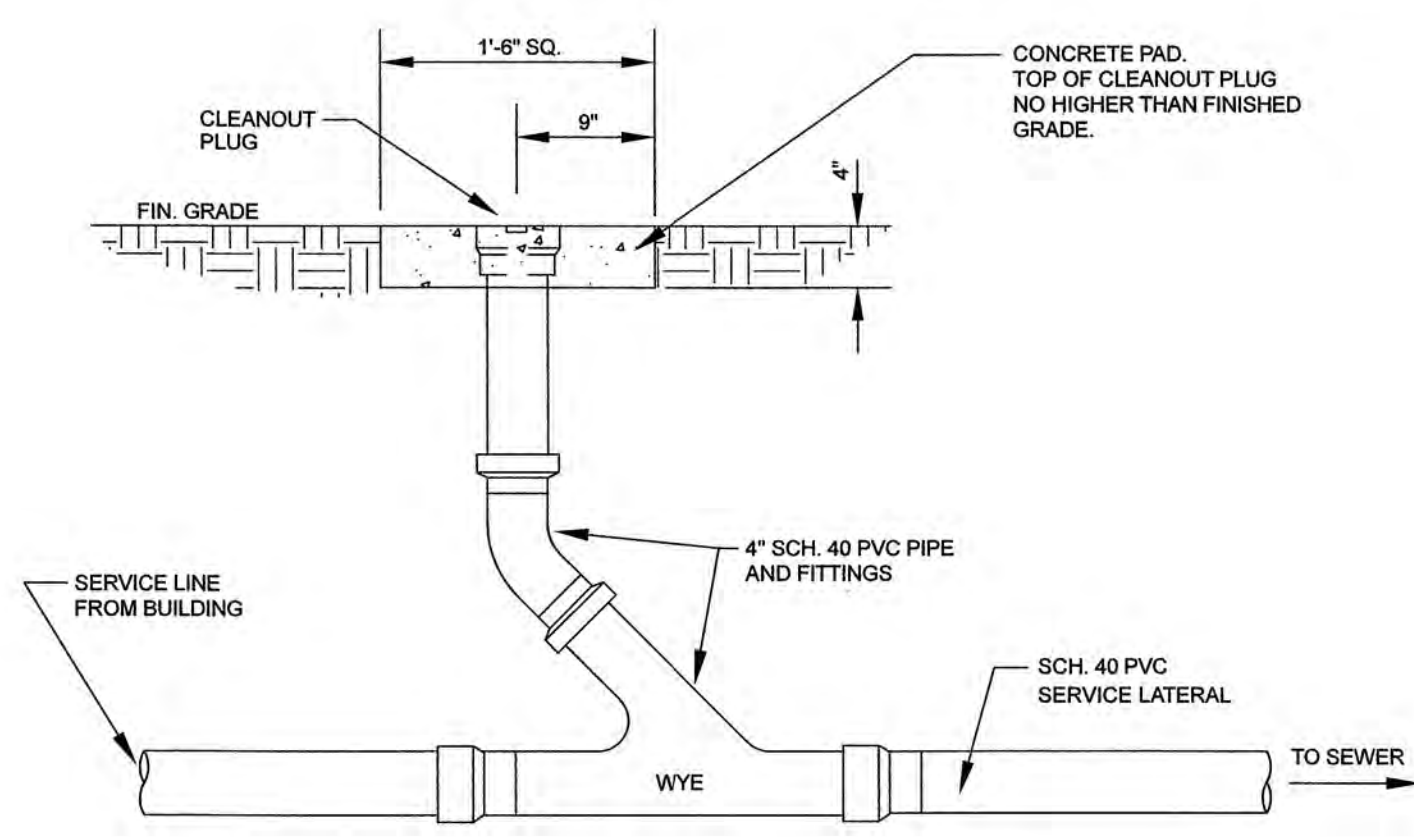
NOTES:
 1. OBTAIN PERMIT FROM OWNER BEFORE CONSTRUCTION.
 2. SADDLES TO BE A GASKETED FITTING (NO GLUE ONS)
 3. SADDLE SHALL HAVE A MINIMUM 2" WIDE SEATING GASKET.
 4. HOLE IN TAPPED LINE TO BE BORED WITH 4 1/8" HOLE, SAW & PLUG REMOVED (NO JIGSAWS, HACKSAWS, ETC.)
 5. WORK TO COMPLY WITH ALL LOCAL RULES, REGULATIONS & CODES.



ELEVATION

SECTION

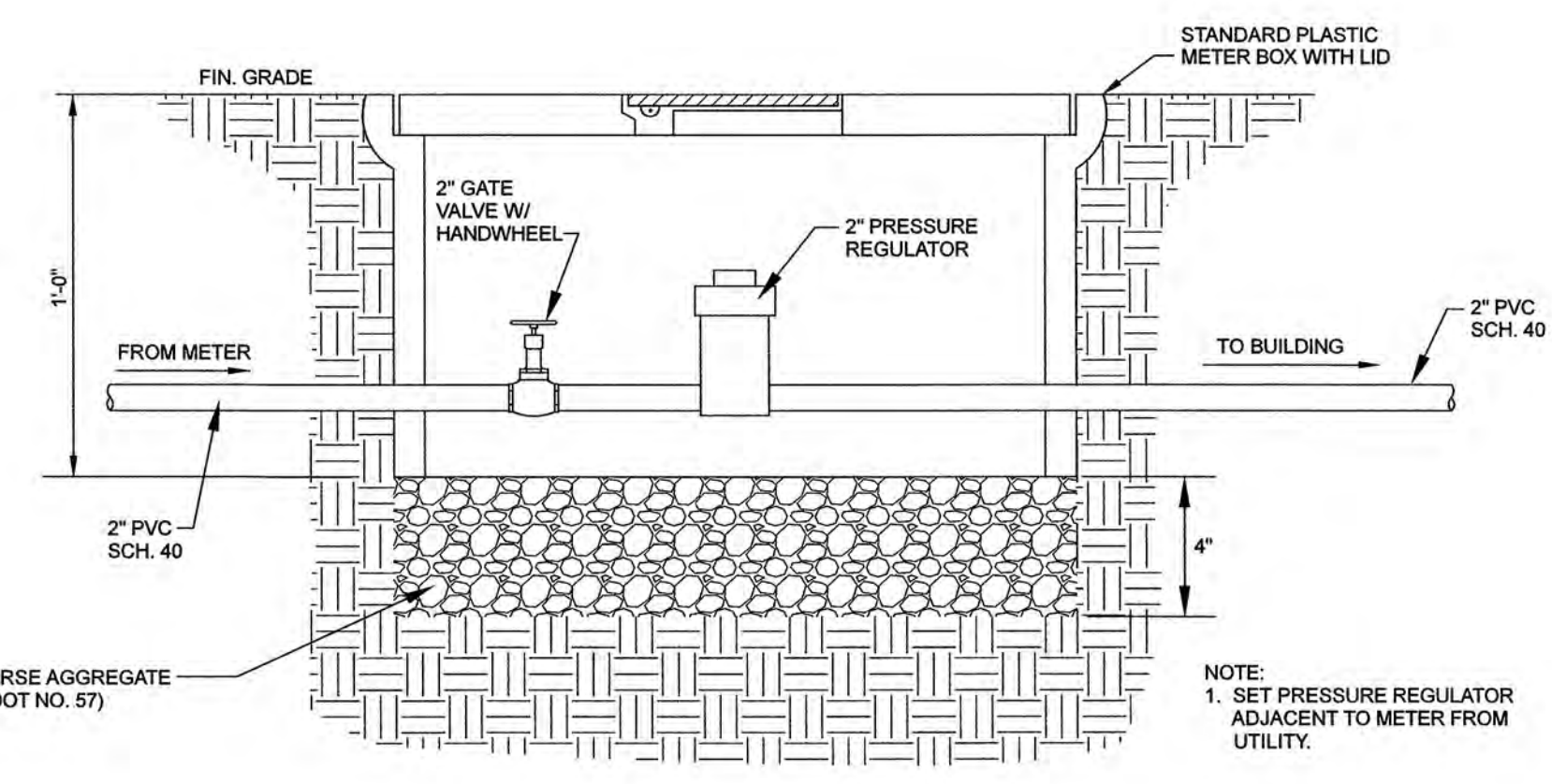
SADDLE DETAIL
NO SCALE



CLEANOUT AT SERVICE LATERAL DETAIL
NO SCALE

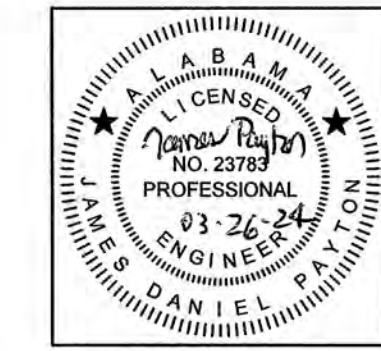
GENERAL NOTES:

- CONTRACTORS ARE HEREBY MADE AWARE THAT THE EXISTING UTILITIES IN THIS CONSTRUCTION ARE NOT NECESSARILY SHOWN ON THE PLANS. DATA CONCERNING UTILITIES SHOWN SHALL BE CONSIDERED AS APPROXIMATE ONLY. CONTRACTOR SHALL COORDINATE WITH EACH UTILITY OWNER PRIOR TO COMMENCING WORK TO ESTABLISH EXACT LOCATION. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGES TO THESE UTILITIES RESULTING FROM HIS CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
- IN NO CASE WILL THE OWNER OR ENGINEER BE HELD RESPONSIBLE FOR LOCATING, OR CAUSING TO BE LOCATED, EXISTING UTILITIES AS THIS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. SEE CONTRACT DOCUMENTS AND SPECIFICATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR REPLACING OR REPAIRING ANY DAMAGED PUBLIC OR PRIVATE PROPERTY OR FACILITIES TO THE SAME OR BETTER CONDITION AS IT EXISTED PRIOR TO THE INSTALLATION OF THE PROJECT. THE CONTRACTOR WILL COORDINATE THE REPLACEMENT/REPAIRING OF ALL SUCH ITEMS WITH THE ENGINEER AND THE FINAL INSTALLATION SHALL MEET THE APPROVAL OF THE ENGINEER.
- CONTRACTOR TO EXERCISE EXTREME CAUTION WHILE WORKING IN THE VICINITY OF EXISTING HIGH VOLTAGE ELECTRICAL LINES.
- EXISTING BURIED ELECTRICAL UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING EXISTING ELECTRICAL UTILITIES WHILE WORKING IN THE VICINITY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ALL VERTICAL AND HORIZONTAL PIPE FITTINGS AND BENDS REQUIRED, EVEN IF THEY ARE NOT SHOWN.
- CONTRACTOR TO REPLACE ALL EXISTING CONCRETE SIDEWALKS WHEN REMOVAL IS REQUIRED FOR INSTALLATION OF PROPOSED UTILITIES AND STRUCTURES NOT SHOWN.
- CONTRACTOR IS TO COORDINATE ALL CONNECTIONS AND INTERRUPTIONS OF SERVICE OF EXISTING FACILITIES WITH THE OWNER.
- THESE PLANS DO NOT SHOW THE ELEMENTS NECESSARY FOR JOB SITE SAFETY. THE PROVISIONS OF WHATEVER MAY BE DESIRABLE FOR JOB SITE SAFETY IS THE RESPONSIBILITY SOLELY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEERS ARE RESPONSIBLE FOR PROJECT SAFETY.
- PROVIDE A MINIMUM OF FIVE (5) FEET HORIZONTAL SEPARATION BETWEEN ALL POTABLE WATER LINES AND WASTEWATER LINES UNLESS OTHERWISE APPROVED BY THE ENGINEER. THE WASTEWATER LINE AND THE POTABLE WATER LINE SHALL BE LAID IN SEPARATE TRENCHES WITH UNDISTURBED EARTH BETWEEN THEM.
- FOR POTABLE WATER LINES AND WASTEWATER LINES WHICH CROSS, THE POTABLE WATER LINE SHALL BE LAID WITH THE BOTTOM OF THE WATER LINE A MINIMUM OF 18" INCHES ABOVE THE TOP OF THE WASTEWATER LINE.
- WHERE THE REQUIRED MINIMUM HORIZONTAL OR VERTICAL SEPARATION FOR POTABLE AND WASTEWATER LINES CANNOT BE PROVIDED, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND SHALL PROVIDE A WELDED STEEL CASING FOR THE WATER AND/OR SEWER LINES, AS NECESSARY TO PROTECT THE POTABLE WATER LINE AND MEET THE APPROVAL OF THE ENGINEER. NO ADDITIONAL COST WILL BE APPROVED FOR CASING. THE CASING LENGTH SHALL PROVIDE A MINIMUM 5 FOOT SEPARATION BETWEEN THE INCASED PIPE AND EACH END OF THE CASING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL SPOILS, EXCESS EXCAVATION AND RUBBLE.



NOTE:
 1. SET PRESSURE REGULATOR ADJACENT TO METER FROM UTILITY.

PRESSURE REGULATOR DETAIL
NO SCALE



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MISCELLANEOUS DETAILS

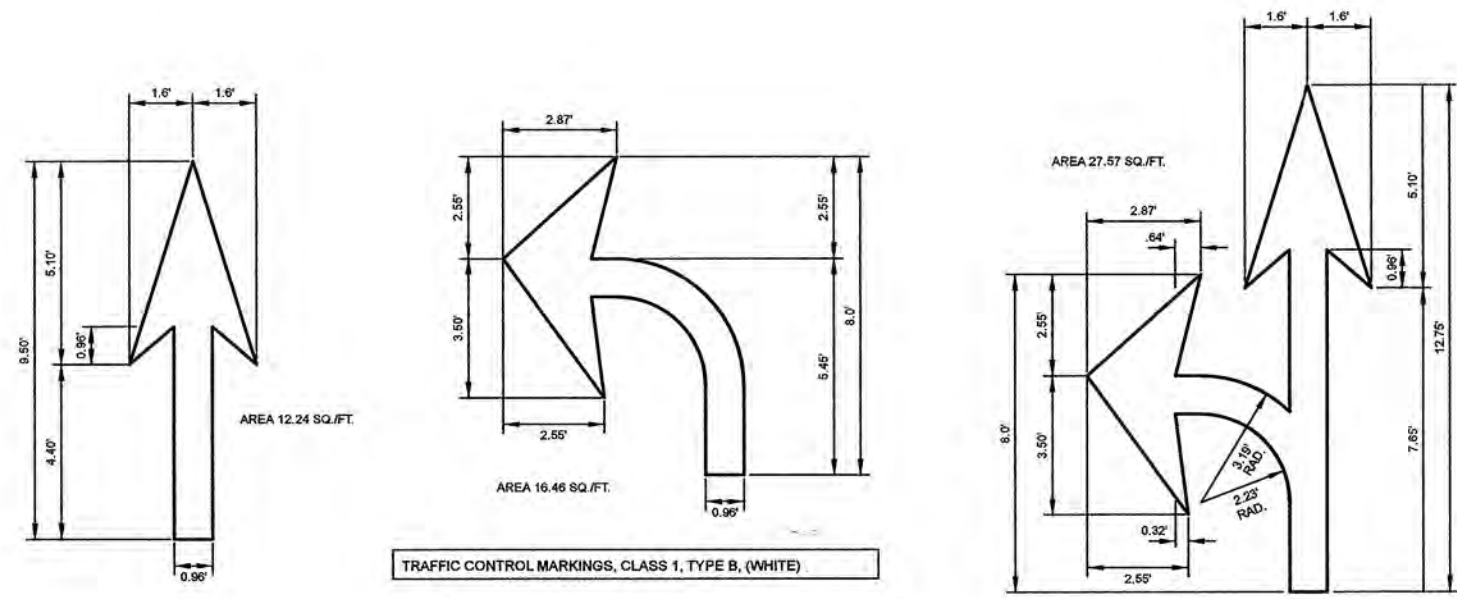


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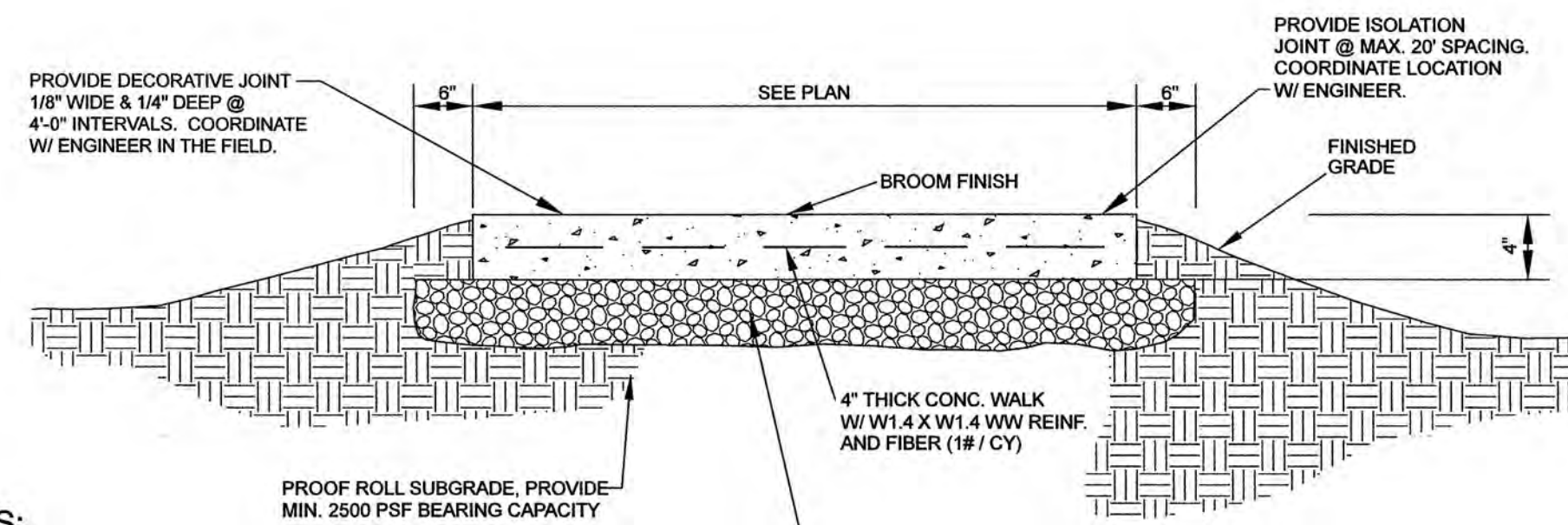




PAVEMENT ARROWS

NO SCALE

A
C11



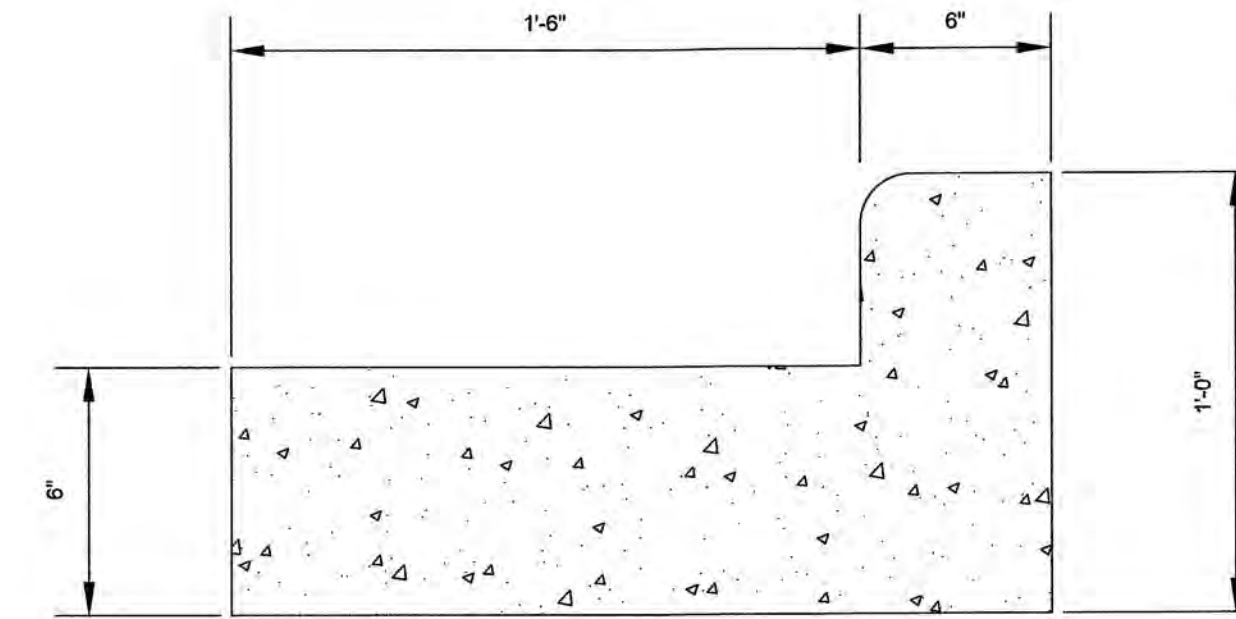
NOTES:

1. MAXIMUM CROSS SLOPE ON SIDEWALK OR PAVED WALKING, 2% (1:50).
2. MAXIMUM SLOPE ALONG WALK 5% (1:20), UNLESS OTHERWISE NOTED.

TYPICAL CONCRETE SIDEWALK DETAIL

NO SCALE

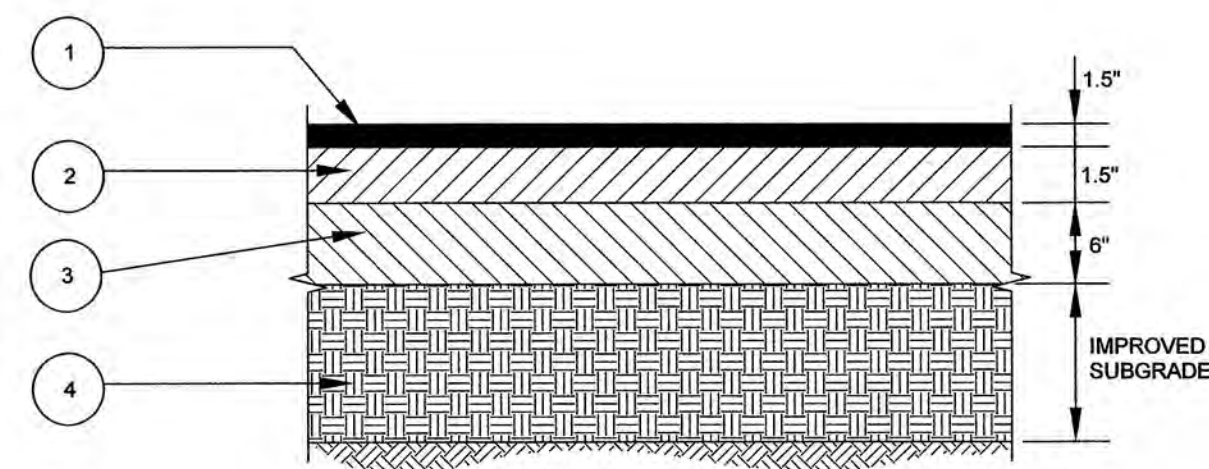
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CONCRETE CURB AND GUTTER DETAIL

NO SCALE

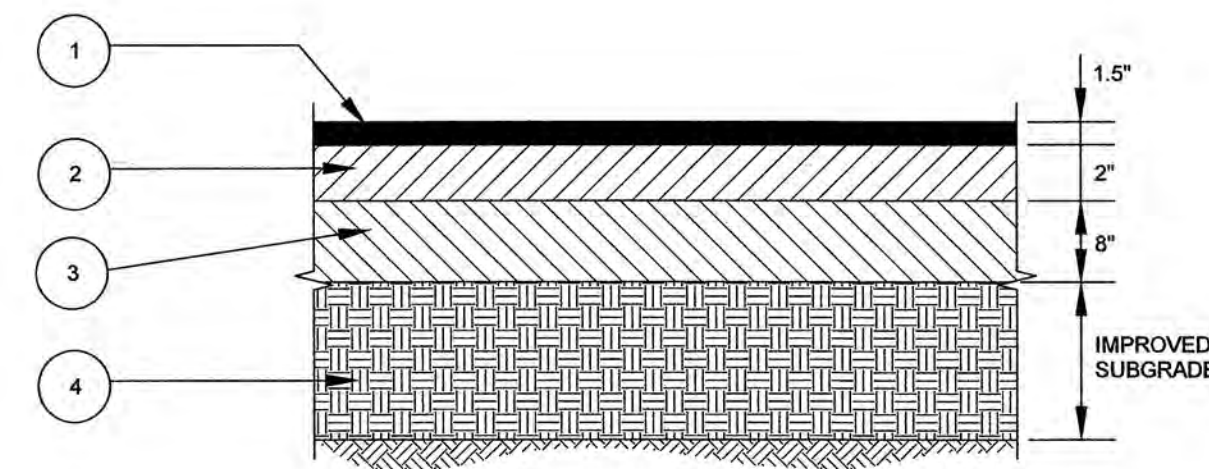
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STANDARD DUTY ASPHALT PAVING

NO SCALE

D
C11



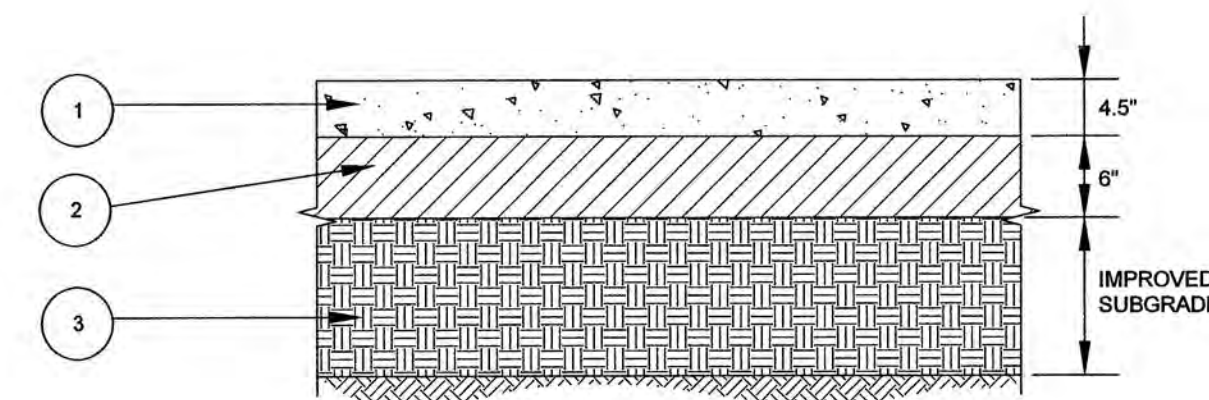
HEAVY DUTY ASPHALT PAVING

NO SCALE

E
C11

- 1 IMPROVED BITUMINIOUS CONCRETE WEARING SURFACE COURSE, ALDOT 424-A, 1/2" MAX AGGREGATE SIZE.
- 2 IMPROVED BITUMINIOUS CONCRETE BINDER COURSE, ALDOT 424-B, 0.75" MAX AGGREGATE SIZE.
- 3 CRUSHED STONE GRADED AGGREGATE BASE COURSE, ALL 825, TYPE B; PER ALDOT STANDARD SPECIFICATION.
- 4 COMPACTED TO 98% MODIFIED PROCTER (METHOD D).

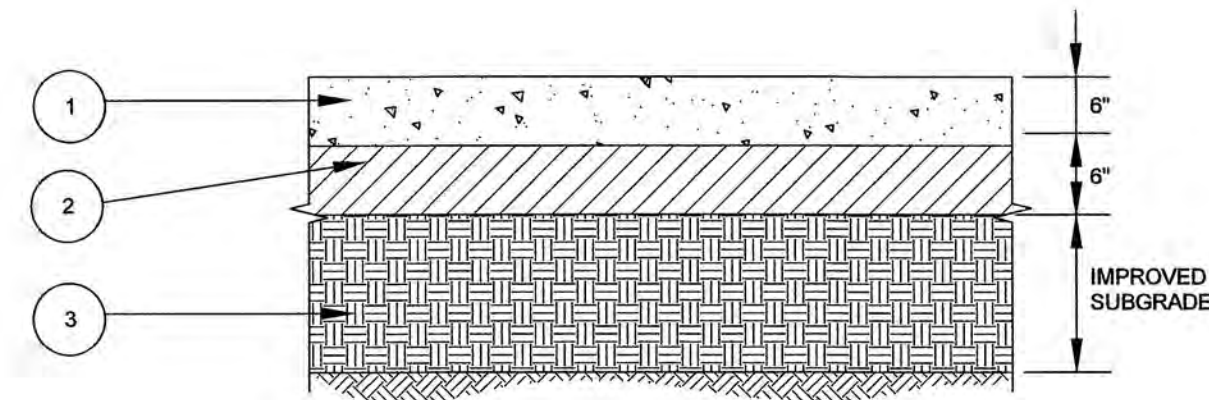
NOTES:
ALL SUBGRADE, BASE, PAVEMENT CONSTRUCTION OPERATIONS AND MATERIALS SHALL MEET THE STATE OF ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2006 EDITION.



STANDARD DUTY CONCRETE PAVING

NO SCALE

F
C11



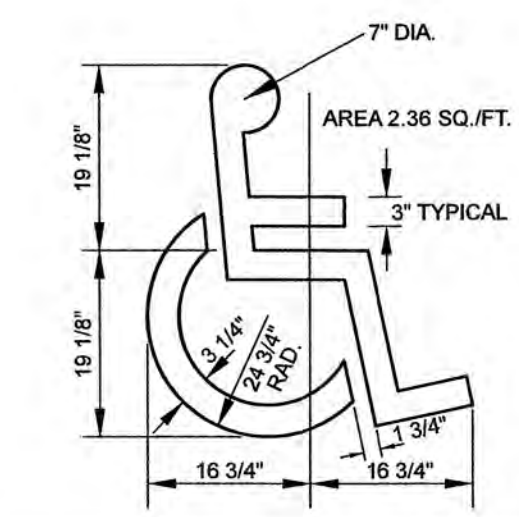
HEAVY DUTY CONCRETE PAVING

NO SCALE

G
C11

- 1 PORTLAND CEMENT CONCRETE PAVEMENT; SEC. 450; PER ALDOT STANDARD SPECIFICATION. MINIMUM 28 DAY COMPRESSIVE STRENGTH 4,000 PSI WITH A MODULUS OF RUPTURE OF 600 PSI.
- 2 CRUSHED STONE GRADED AGGREGATE BASE COURSE, ALL 825, TYPE B; PER ALDOT STANDARD SPECIFICATION. COMPACTED TO 98% MODIFIED PROCTER (METHOD D).
- 3 8" IMPROVED SUBGRADE COMPACTED TO A MINIMUM 98% OF THE SOIL'S MAXIMUM STANDARD PROCTOR DENSITY (ASTM D-698). SOILS BELOW THIS LEVEL SHALL BE COMPACTED TO A MINIMUM 95% OF THE SOIL'S MAXIMUM STANDARD PROCTOR DENSITY.

NOTES:
ALL SUBGRADE, BASE, PAVEMENT CONSTRUCTION OPERATIONS AND MATERIALS SHALL MEET THE STATE OF ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2006 EDITION.



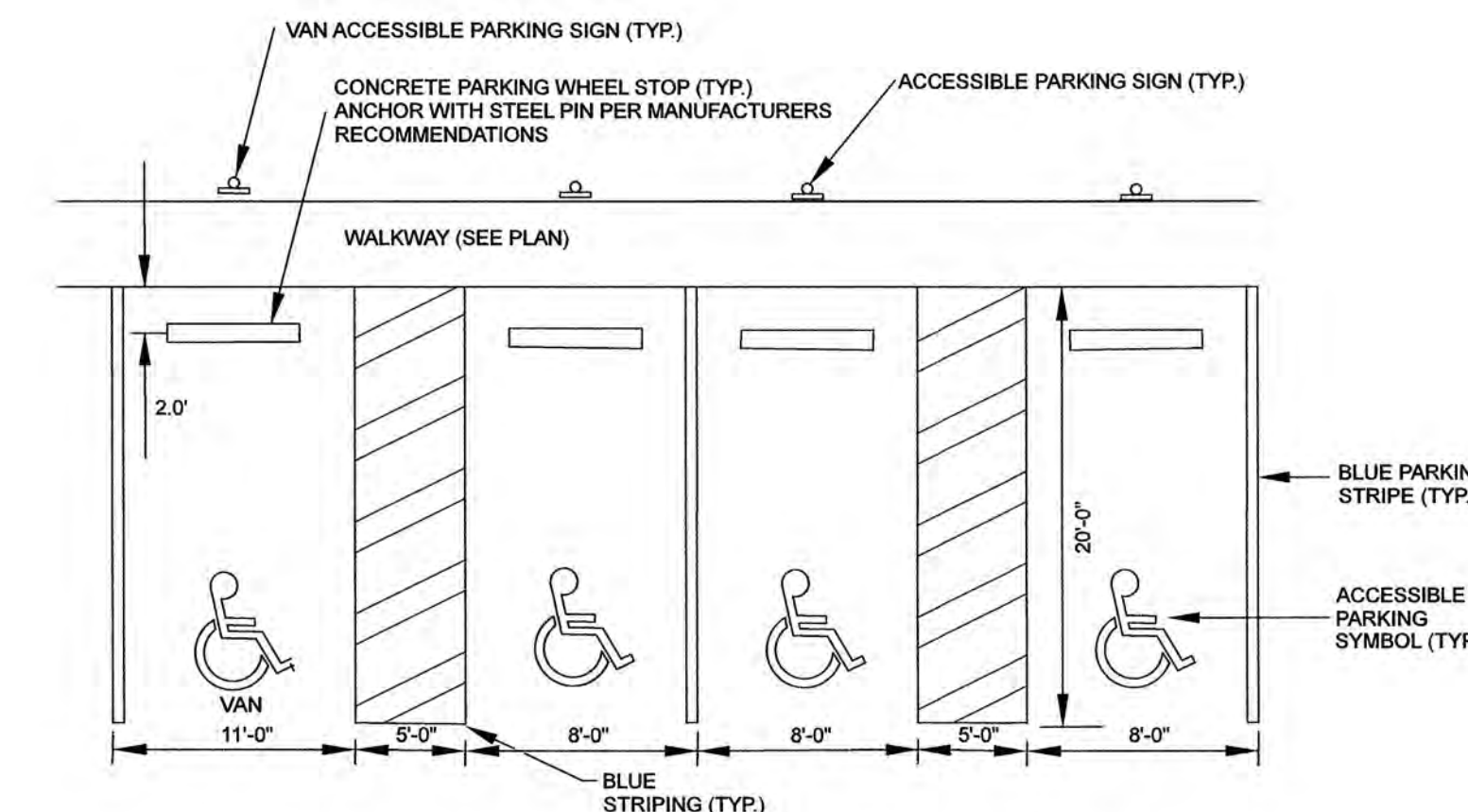
ACCESSIBLE PAVING MARKING SYMBOL

NO SCALE

TRAFFIC CONTROL MARKINGS, CLASS 1, TYPE B, (BLUE)

NOTES:

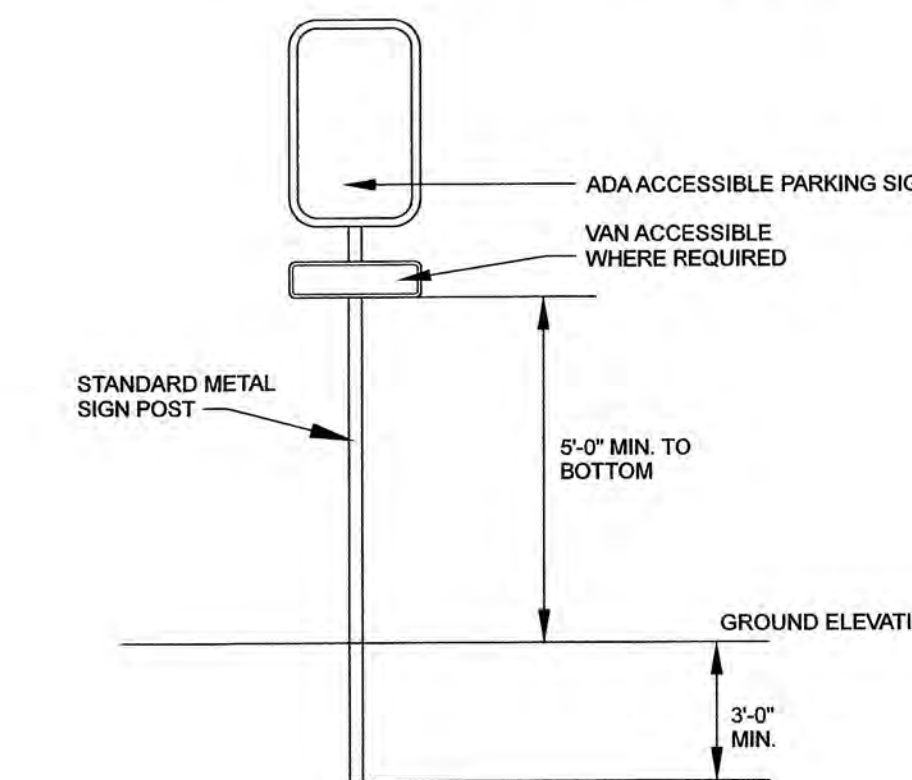
1. PARKING SIGNS SHALL INCLUDE ADA ACCESSIBILITY SYMBOL PER ADA STANDARDS 502.6 AND 703.7.2.1.
2. MINIMUM SIGN HEIGHT 60 INCHES TO BOTTOM OF SIGN FROM PARKING SURFACE.
3. ALL SIGNAGE SHALL FULLY COMPLY WITH ADA STANDARD 703 SIGNS.
4. A MINIMUM OF ONE (1) VAN ACCESSIBLE SPACE SHALL BE PROVIDED FOR EVERY SIX REQUIRED TOTAL ACCESSIBLE SPACES.
5. REFER TO SITE PLAN FOR LOCATION AND NUMBER SPACES REQUIRED.
6. REFER TO PLAN SHEET FOR LOCATION OF ACCESSIBLE PARKING SIGN.
7. ENTIRE ACCESSIBLE PARKING SPACE AND LANE SHALL BE CONCRETE REFER TO STANDARD DUTY CONCRETE PAVING DETAIL.
8. MAXIMUM SLOPE IN ANY DIRECTION SHALL BE 2% (1:50).



ADA PARKING DETAILS

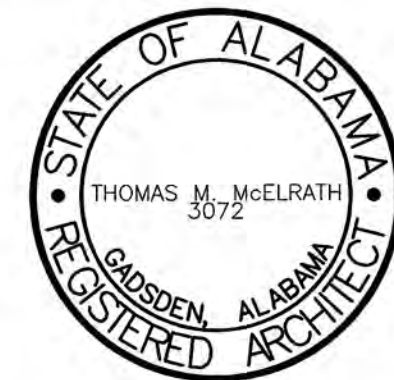
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ACCESSIBLE SIGN SECTION

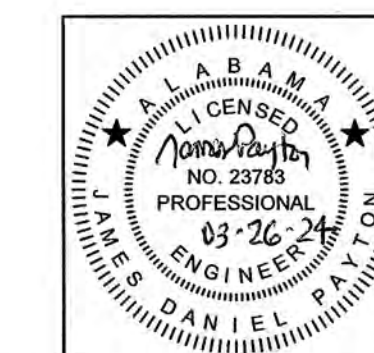
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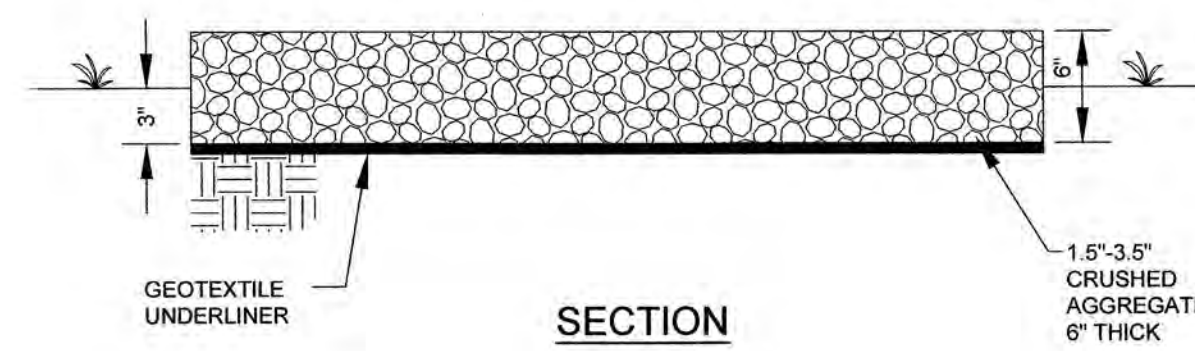
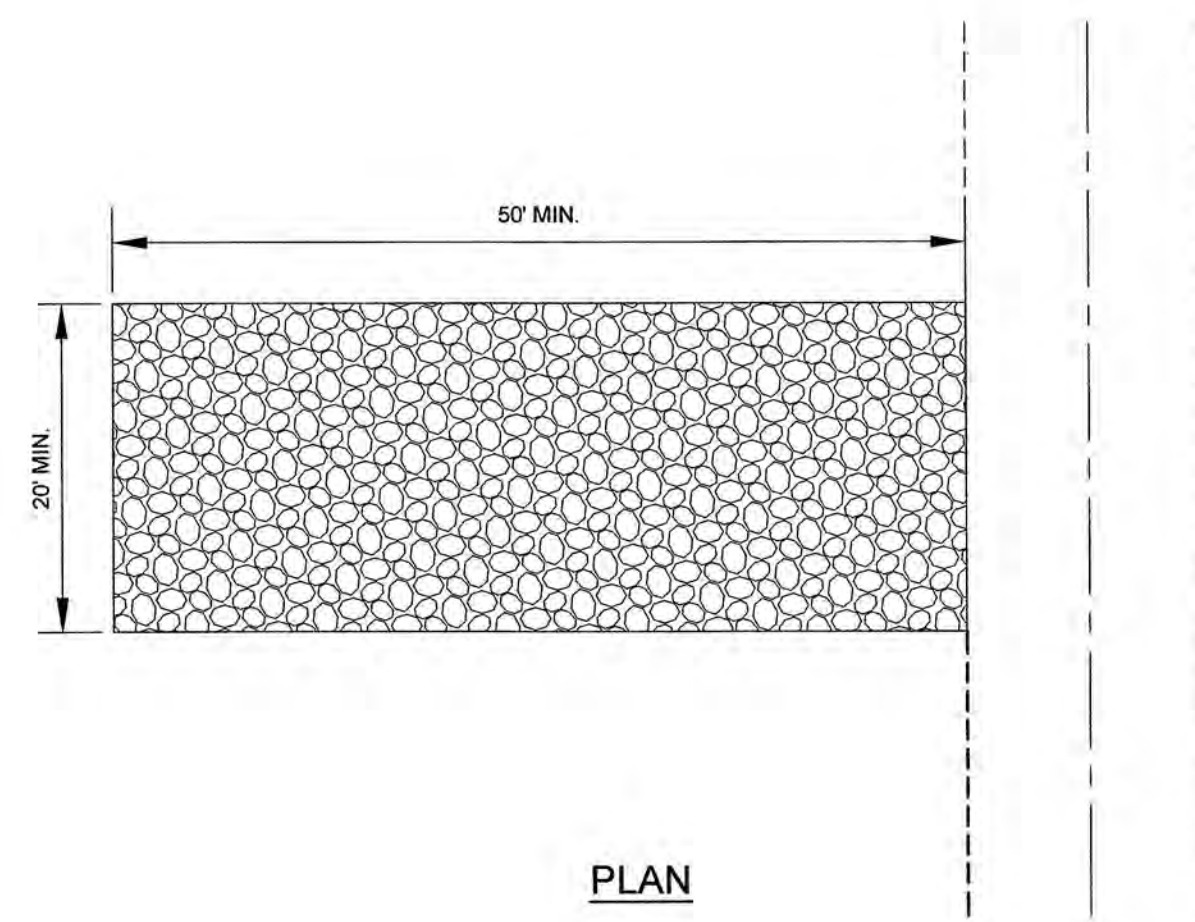
MISCELLANEOUS DETAILS



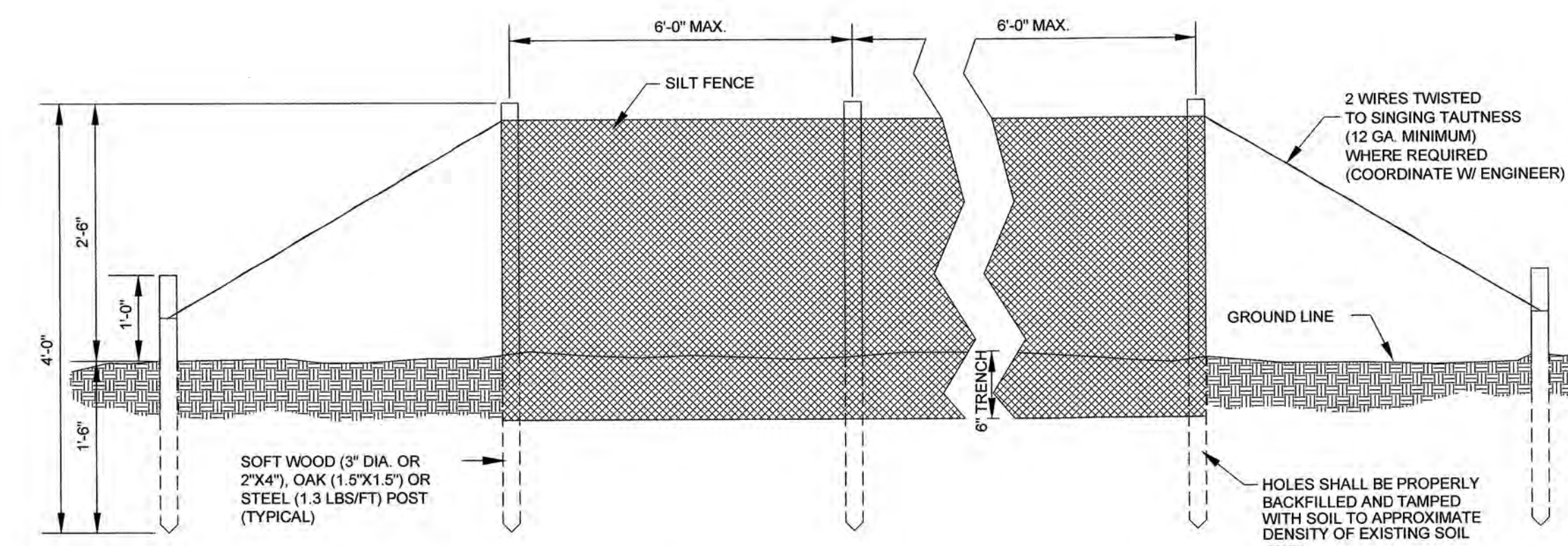
GENERAL EROSION AND SEDIMENTATION CONTROL NOTES:

- THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND DAY TO DAY IMPLEMENTATION OF THE PLAN AS INDICATED IN THE CONTRACT DOCUMENTS AND IS THE DESIGNATED 24-HOUR SITE CONTACT.
- THE BMP PLAN DETAILS ARE DESIGNED TO PROVIDE GUIDANCE AS TO THE BEST METHOD TO PREVENT EROSION AND CONTROL SEDIMENT. THESE DETAILS ARE NOT MEANT TO INCLUDE EVERY POSSIBLE SITUATION THAT MAY OCCUR DURING CONSTRUCTION. DEVIATIONS FROM THE DETAILS ARE ALLOWED, PROVIDED EROSION AND SEDIMENTATION ARE CONTROLLED EFFECTIVELY. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AT NO ADDITIONAL COST TO THE OWNER, INCLUDING ANY ADDITIONAL MEASURES THAT MAY BE NEEDED.
- CONTRACTOR SHALL NOTIFY THE ENGINEER WITHIN SEVEN DAYS OF BEGINNING CONSTRUCTION ACTIVITIES AND REQUEST A BMP INSPECTION AND LETTER AS REQUIRED. SEE INSPECTION REQUIREMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR FILING A NOTICE OF INTENT FOR PRIMARY PERMITTEES WITH ADEM AND SUBMITTING THE REQUIRED FEE AND SUBMISSION A MINIMUM OF 14 DAYS BEFORE BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A COPY OF THIS PLAN WITH THE NOI AS REQUIRED BY ADEM.
- THE CONTRACTOR IS RESPONSIBLE FOR INSPECTIONS, MAINTAINING INSPECTION LOGS OR REPORTS, MAINTAINING THE REQUIRED EROSION CONTROL FACILITIES, SAMPLING, ALL PENALTIES FOR VIOLATIONS RESULTING FROM INADEQUATE BMP INSTALLATION, MAINTENANCE, INSPECTIONS, OR MODIFICATIONS, AND ANY OTHER ACTIVITY OR REQUIREMENT NECESSARY FOR THE PROPER IMPLEMENTATION OF THE PLAN AS DETERMINED BY THE GENERAL NPDES PERMIT AT NO ADDITIONAL COST TO THE OWNER UNLESS OTHERWISE STATED IN THE CONTRACT DOCUMENTS.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO THE START OF CONSTRUCTION FOR THAT PARTICULAR DISTURBED AREA. BMPs ARE NOT REQUIRED TO BE INSTALLED IN AREAS WHERE CONSTRUCTION ACTIVITIES HAVE NOT BEGUN. BMPs SHALL BE PHASED AS LINE INSTALLATION PROGRESSES.
- EXPOSED AREAS SHOULD BE MINIMIZED BY COMPLETING WORK IN SECTIONS.
- EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
- ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
- THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.
- ALL WORK SHALL BE PERFORMED IN A MANNER WHICH MINIMIZES THE DISTURBANCE OF THE NATURAL ENVIRONMENT.
- BMPs SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE EROSION SEDIMENTATION AND POLLUTION CONTROL PLAN AND THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN ALABAMA.
- HAY BALE SEDIMENT BARRIERS MAY BE USED AS AN ALTERNATIVE TO TYPE A SILT FENCES IN AREAS OF LOW FLOWS AND A DISTURBANCE DURATION OF 3 MONTHS OR LESS AND AS AN ALTERNATIVE TO COMPOST FILTER SOCKS.
- ONCE FINAL STABILIZATION HAS BEEN ACHIEVED, ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED.
- INSTALL ADDITIONAL BMPs AT ANY LOCATION THAT DOES NOT HAVE ADEQUATE SEDIMENT PROTECTION.
- NO SEDIMENT FROM THE DISTURBED AREA SHALL BE TRANSFERRED ONTO ROADS OR ANY OTHER PAVED SURFACES. INSTALL CONSTRUCTION EXITS WHERE INDICATED ON THE PLANS.
- USE SPRINKLING OR MULCH TO CONTROL DUST, ESPECIALLY DURING WINDY AND/ OR DRY PERIODS. SEE DUST CONTROL NOTES.
- AREAS SHALL BE SEEDED WITH PROPER TYPES OF VEGETATION FOR THE AREA AND DURING APPROPRIATE SEASONS TO ENSURE QUALITY STANDS. SEE THE MANUAL FOR EROSION AND SEDIMENT CONTROL FOR APPROVED SPECIES PLANTING DATES AND SEEDING, FERTILIZER, LIME AND MULCHING RATES. SEE VEGETATIVE PLAN.
- WASTE MATERIALS SHALL NOT BE DISCHARGED TO ANY WATERS OF THE STATE. EXCAVATED AND TRAPPED SEDIMENT AND CONCRETE WASHDOWN WASTE SHALL BE HAULED OFF SITE BY DUMP TRUCK TO PROPER DISPOSAL AREAS. WASTE BUILDING MATERIALS, CONSTRUCTION AND DEMOLITION DEBRIS SHALL BE PLACED IN A DUMPSTER FOR DISPOSAL BY THE LOCAL SOLID WASTE SERVICE OR HAULED TO AN APPROVED LANDFILL BY DUMP TRUCK.
- TEMPORARY SANITARY FACILITIES WILL BE MAINTAINED AND SERVICED BY LICENSED INDIVIDUALS, NO PERMANENT SANITARY FACILITIES WILL REMAIN.
- WATER GENERATED FROM THE CONSTRUCTION ACTIVITIES IS COVERED UNDER THE PERMIT. APPROPRIATE BMPs SUCH AS RIPRAP OR HAY BALES SHALL BE USED TO DISSIPATE ENERGY AND PREVENT EROSION.
- CONCRETE WASHDOWN OF TOOLS, CONCRETE MIXER CHUTES, HOPPERS AND REAR OF THE VEHICLES IS ALLOWED. CONTRACTOR MUST TREAT ALL WASHDOWN WATER PRIOR TO DISCHARGE. WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED. SEE THE BMP PLAN FOR THE LOCATION OF AND BMPs FOR THE CONCRETE WASHDOWN AREAS. DRIED CONCRETE SHALL BE EXCAVATED AND PROPERLY DISPOSED OF.
- PERMANENT VEGETATION WILL BE ESTABLISHED ON ALL DISTURBED AREAS AND NATURAL BUFFER ZONES WILL BE USED FOR PERMANENT MEASURES TO REDUCE POLLUTANTS IN STORM WATER.
- AMENDMENTS/ REVISIONS TO THE CBMPP PLAN WHICH HAVE A SIGNIFICANT IMPACT ON BMPs WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.
- ALL BMPs SHALL MEET THE REQUIREMENTS OF THE ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL AND STORMWATER MANAGEMENT ON CONTRACTOR SITES AND URBAN AREAS.

TOTAL DISTURBED AREA IS 2.27 ACRES.

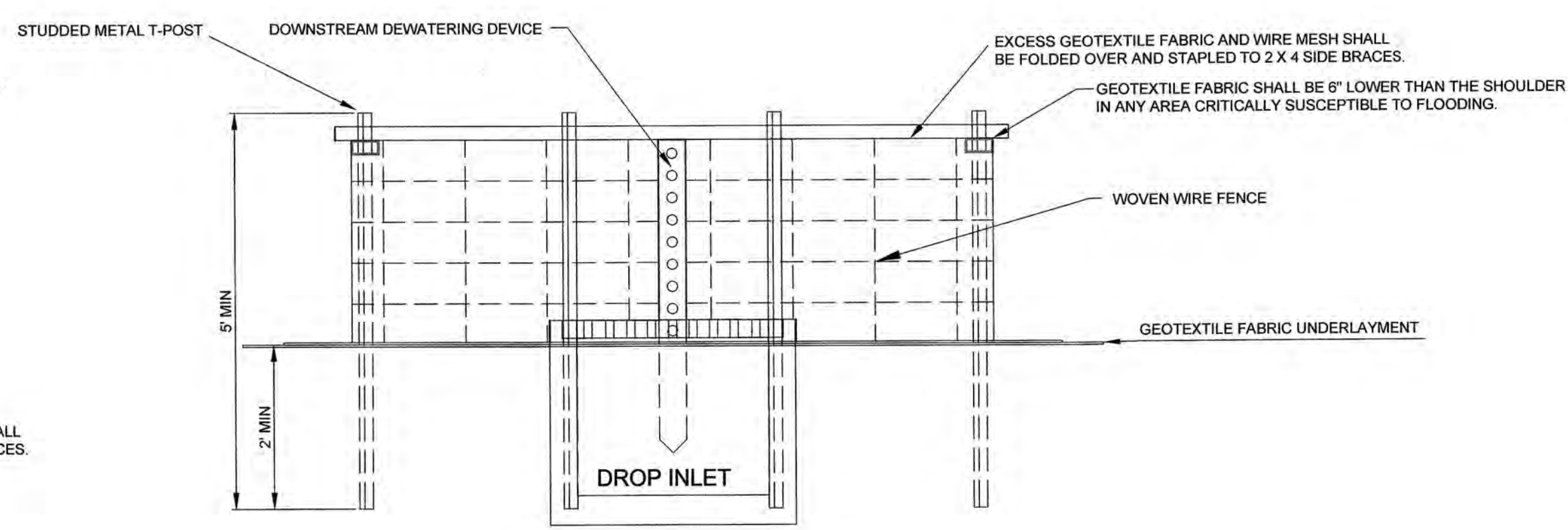
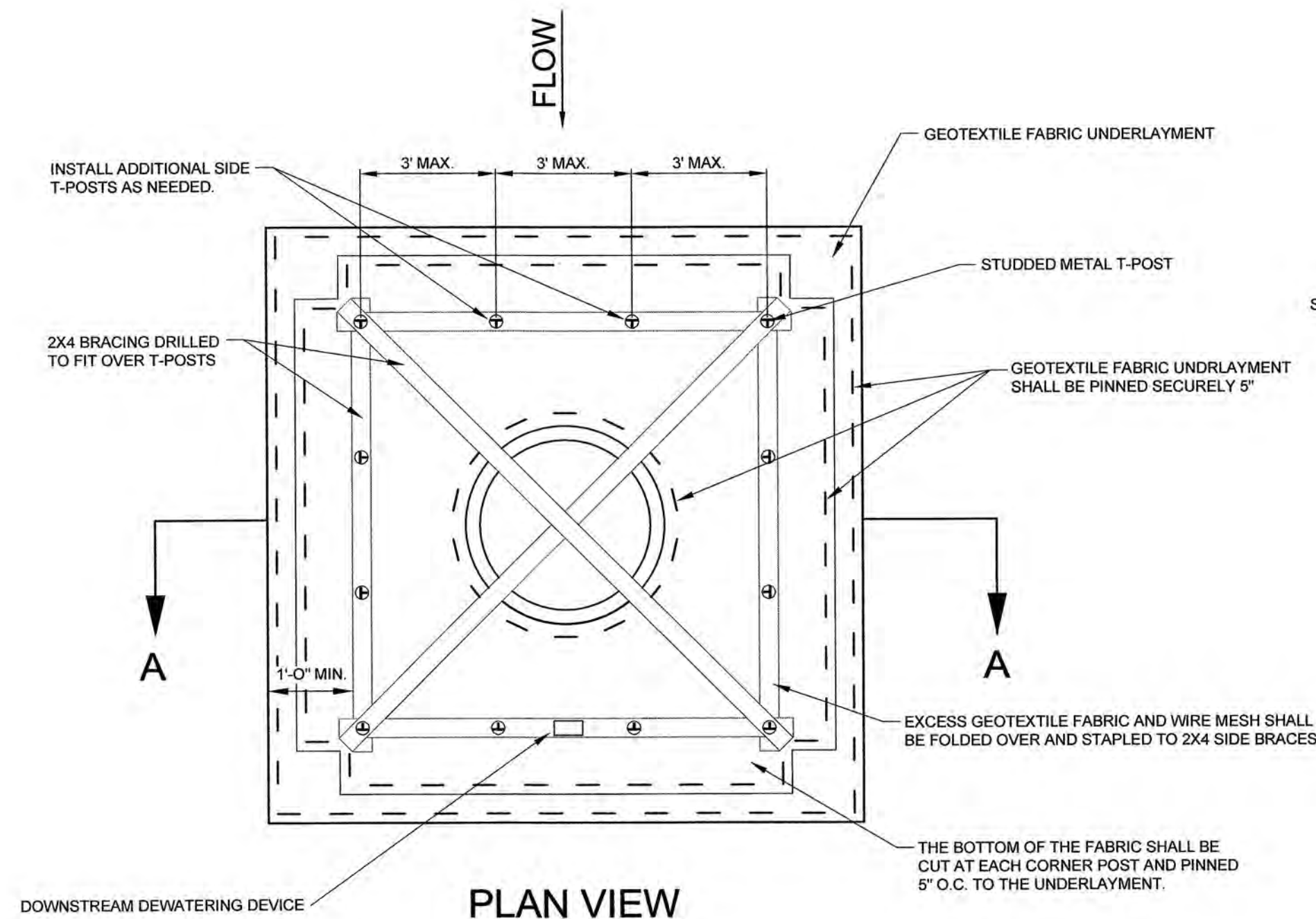
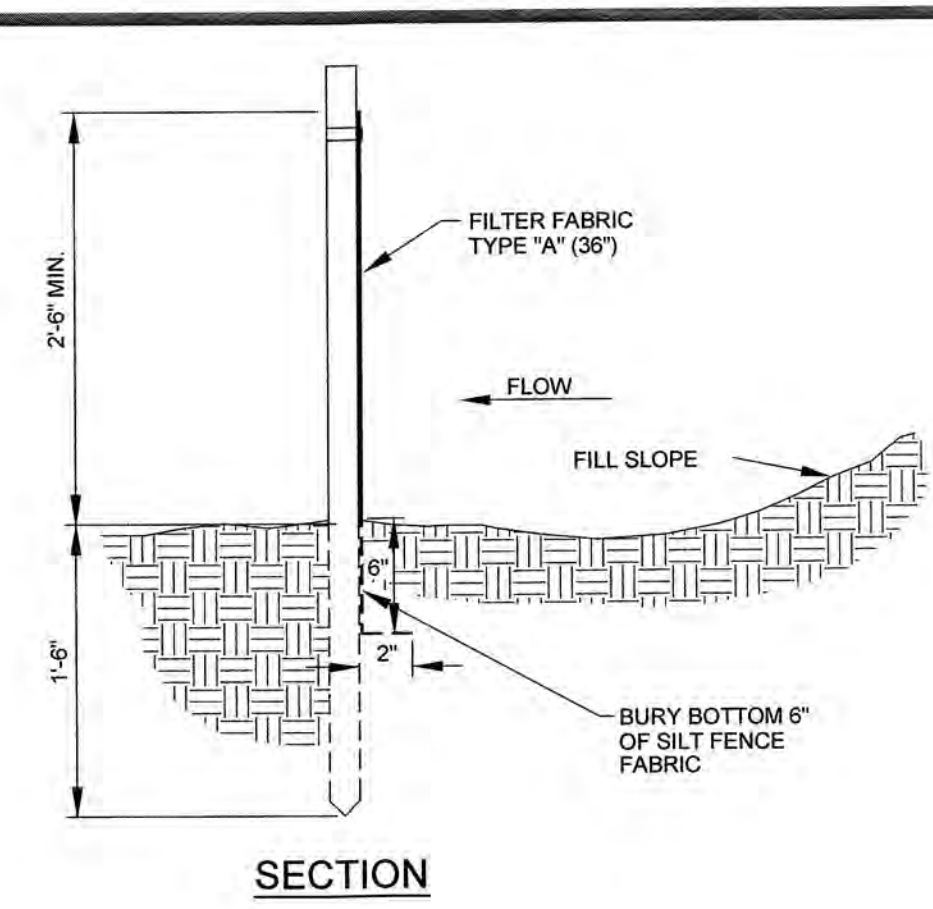


CONSTRUCTION EXIT PAD (CEP)
NO SCALE



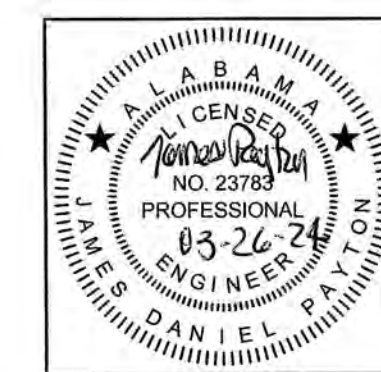
SEDIMENT BARRIER SILT FENCE - TYPE A
DETAIL (SB-A)
NO SCALE

- GENERAL NOTES:**
- A MAXIMUM SPACING OF 6' BETWEEN STEEL OR WOODEN POSTS.
 - MINIMUM POST LENGTH SHALL BE 4' FOR TYPE 'A' FENCE.
 - FABRIC SHALL OVERLAP AT LEAST 18" WHERE ONE CONTINUOUS SECTION IS NOT USED.



INLET PROTECTION (SILT FENCE) DETAIL
NO SCALE

- NOTES:**
- THE TOP OF THE REQUIRED GEOTEXTILE FABRIC SHALL BE 6" LOWER THAN THE SHOULDER ELEVATION IN ANY AREA CRITICALLY SUSCEPTIBLE TO FLOODING.
 - DEWATERING HOLES SHALL BE 1"-1.5" IN DIAMETER AND SPACED 2'-3" APART TO ALLOW FOR DEWATERING IN NO MORE THAN 48 HOURS.
 - FASTEN DEWATERING DEVICE TO THE 2X4 SIDE BRACE.
 - STAPLE GEOTEXTILE FABRIC TO DEWATERING DEVICE AND CUT CROSS SLITS IN THE FILTER FABRIC AT THE HOLE LOCATIONS TO ALLOW WATER TO FLOW THROUGH.
 - USE 8 OZ. NON-WOVEN GEOTEXTILE FOR UNDERLAYMENT AND 4 OZ. NON-WOVEN GEOTEXTILE FOR SILT FENCE.
 - USE THE SAME TYPE OF WOVEN WIRE FENCE AS THE TYPE USED ON A SILT FENCE, PULLED TIGHTLY AND SECURED TO T-POSTS.



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EROSION CONTROL NOTES AND DETAILS

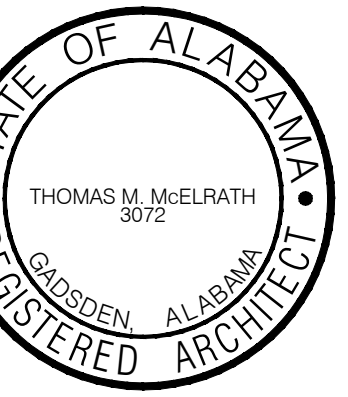


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A NEW CITY HALL
and
MUNICIPAL OFFICE FACILITY
for the
CITY OF CENTRE, ALABAMA
350 E. MAIN STREET

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CHECKED
SCALE AS NOTED
DATE February 28, 2024
FILE
JOB NO. 22-06
REVISIONS





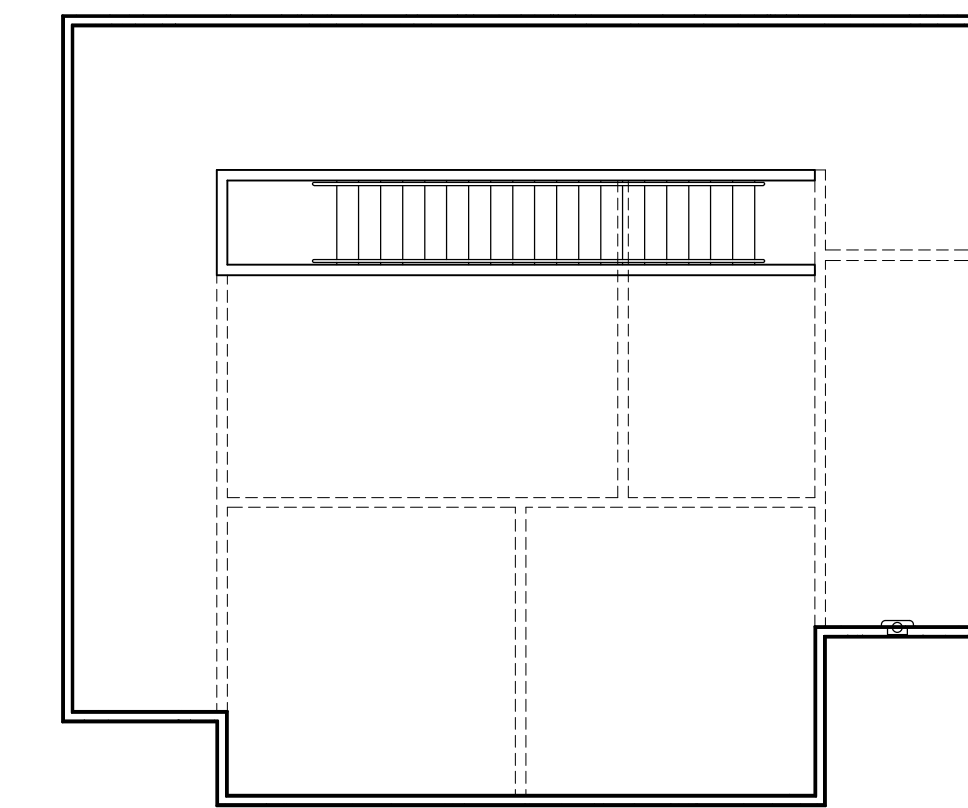
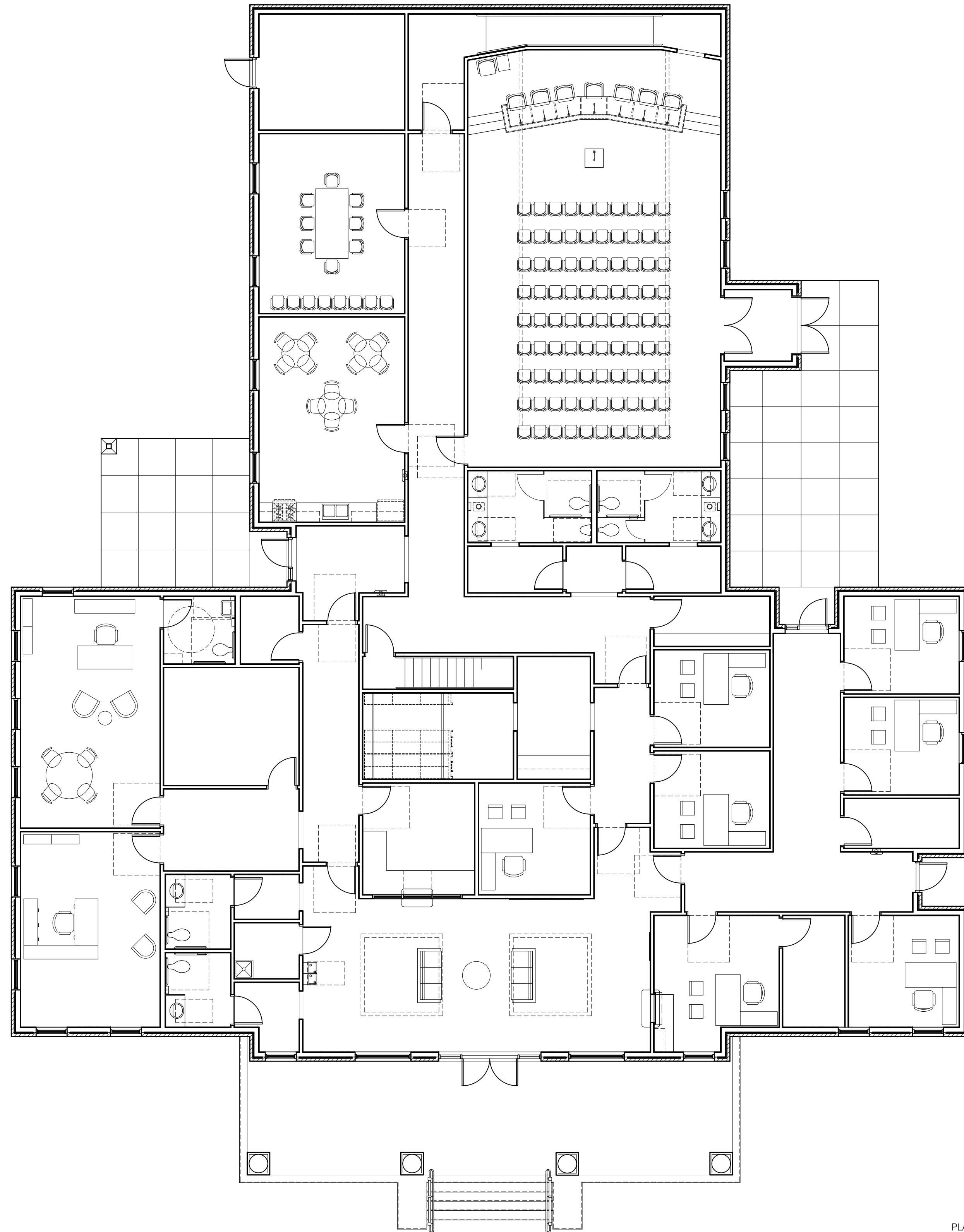
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A NEW CITY HALL
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MUNICIPAL OFFICE FACILITY
 for the
CITY OF CENTRE, ALABAMA
 350 E. MAIN STREET

LIFE SAFETY FLOOR PLAN

DRAWN TMM
CHECKED TMM
SCALE AS NOTED
DATE FEBRUARY 28, 2024
FILE A2.0_LS Floor Plan.dwg
JOB NO. 22-06
REVISIONS

SHEET
A2.0
OF
20
SHEETS



BUILDING CODE/ZONING COMPLIANCE INFORMATION:

- ENFORCED CODES: 2021 International Building Codes (IBC)
- ZONING DISTRICT: "R-3" PER CITY OF CENTRE
- TYPE OF CONSTRUCTION (Per 2021 IBC)
 PROPOSED BUILDING _____ TYPE II B-FULLY SPRINKLERED
- USE & OCCUPANCY CLASSIFICATION: MIXED USE UN-SEPARATED BUSINESS GROUP "B" AND ASSEMBLY GROUP "A3"(Per Section 304)
- MAXIMUM AREA, HEIGHT & NUMBER OF STORIES (For Group B; Type II-B Construction-Per T503)

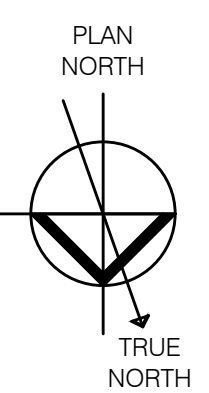
MAXIMUM AREA PER FLOOR _____	38,000 SQ. FT.
MAXIMUM NUMBER OF STORIES _____	3 (THREE) STORIES
ACTUAL NUMBER OF STORIES _____	1 (ONE) STORY
MAXIMUM ALLOWABLE HEIGHT _____	75'
ACTUAL MAXIMUM HEIGHT _____	40'
- ACTUAL BUILDING AREA TABULATION-COMPLIANCE WITH 2021 IBC: 8,354 G.S.F.
- FIRE RESISTANCE RATINGS
 MAIN BUILDING (Per Table 601) TYPE II-B

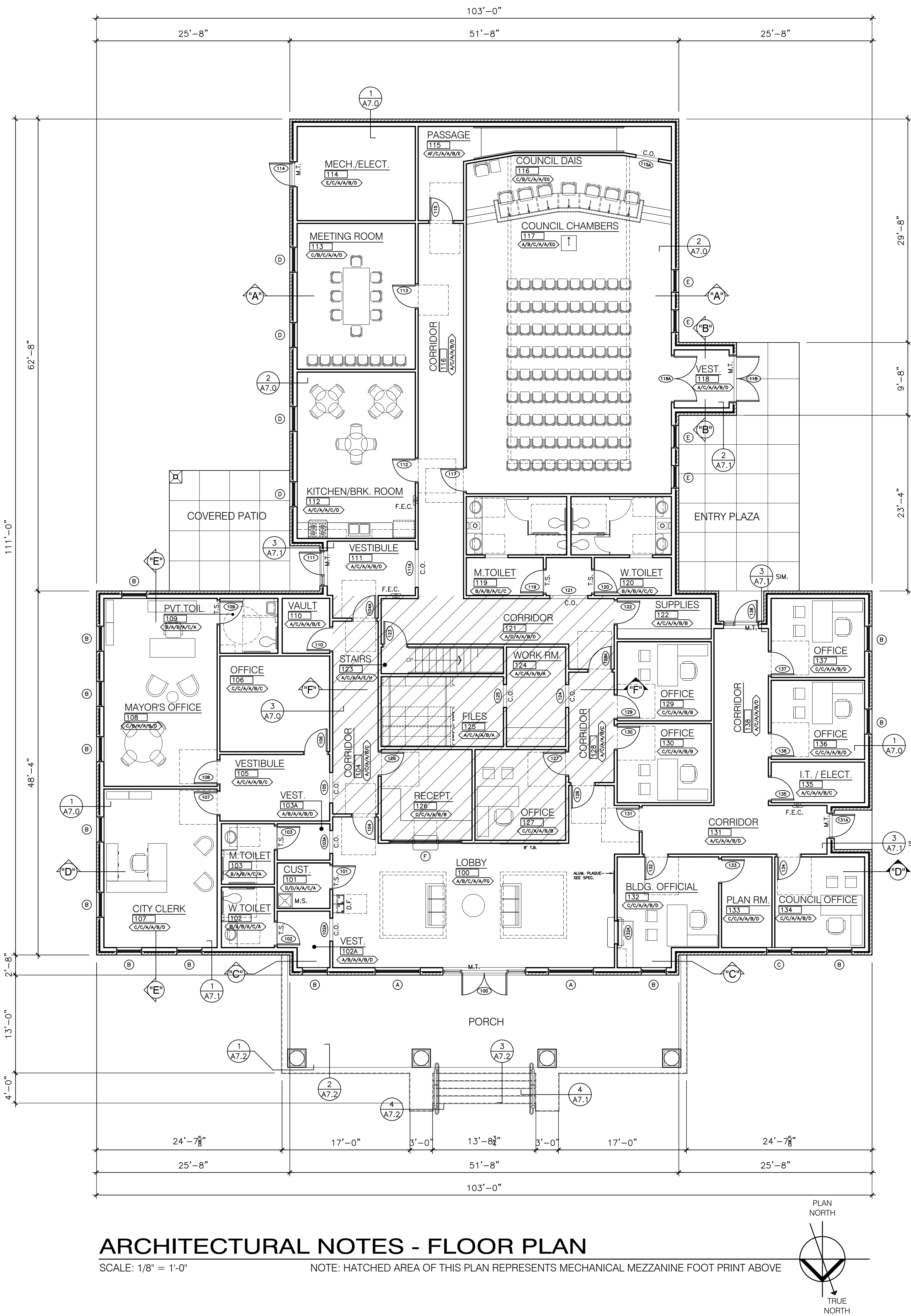
Structural frame (columns) _____	0 HOURS
Exterior nonbearing walls and partitions _____	0 HOURS (Per Table 601)
Interior nonbearing walls and partitions _____	0 HOURS
Floor construction (including supporting beams & joists) _____	0 HOURS
Roof construction (including supporting beams & joists) _____	0 HOURS
Exit Access Corridors _____	0 HOURS (Per Table 1020.2)
- EGRESS WIDTH REQUIREMENTS
 MIXED USE UN-SEPARATED (FULLY SPRINKLERED) (Per Table 1004.5)

A. Group "B" Occupant Load: 7,382 G.S.F./150 G.S.F. per occupant = 49
B. Group "A-3" Occupant Load: 972 G.S.F./7 G.S.F. per occupant = 139
- MINIMUM NUMBER OF REQUIRED FIRE EXTINGUISHERS (Per Directive of State Fire Marshall's Office)
 Fire Extinguishers are provided in the New Building at locations such that no occupant is more than 75' from an available extinguisher.

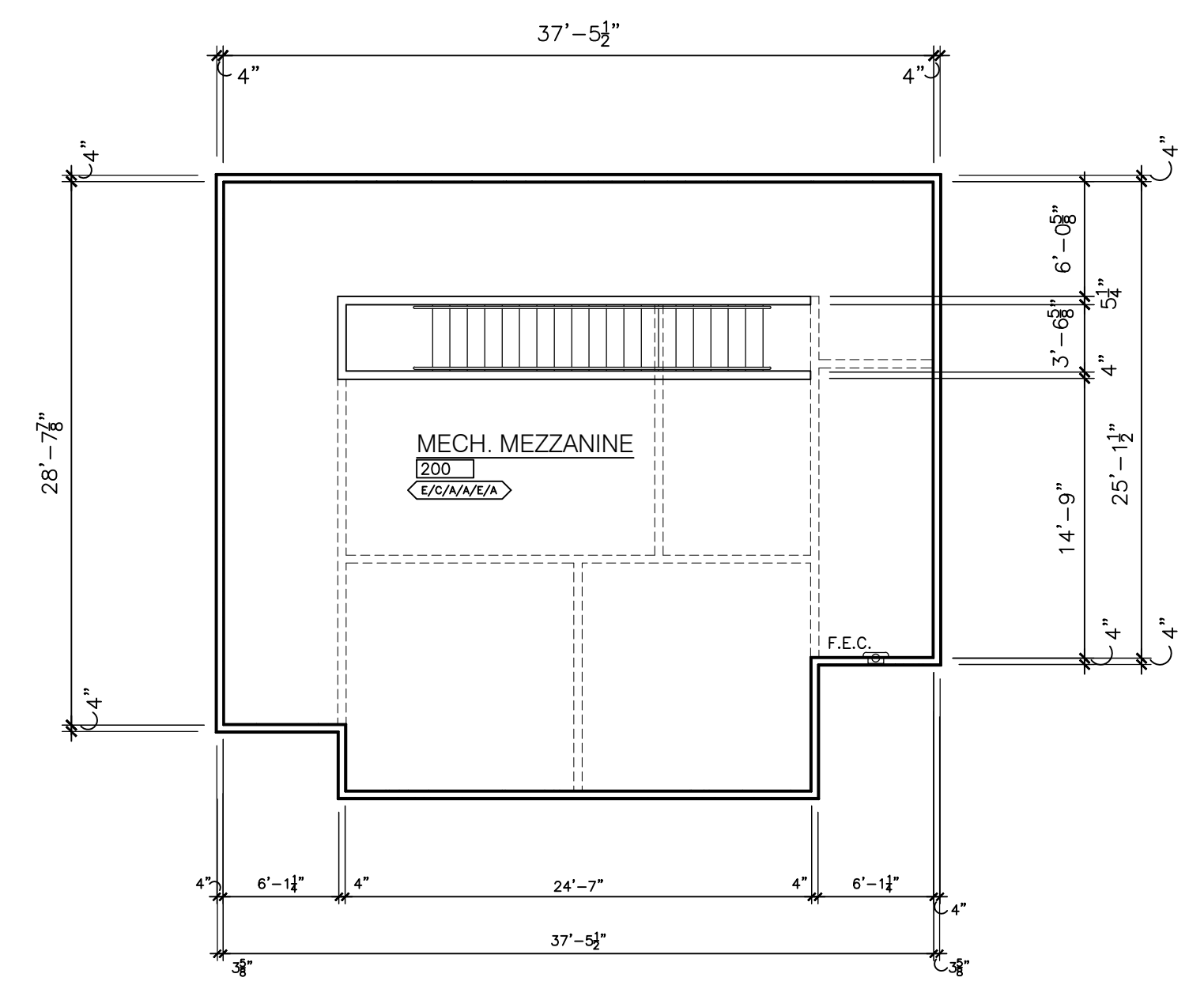
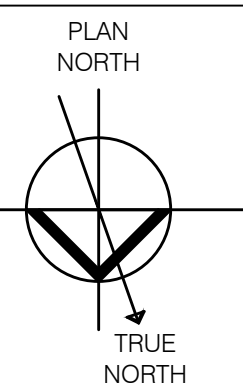
LIFE SAFETY - FLOOR PLAN

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

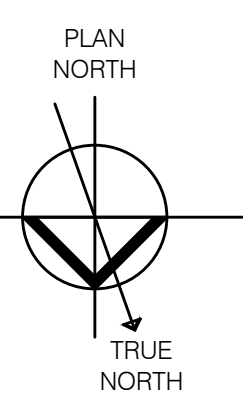




ARCHITECTURAL NOTES - FLOOR PLAN
 SCALE: 1/8" = 1'-0"
 NOTE: HATCHED AREA OF THIS PLAN REPRESENTS MECHANICAL MEZZANINE FOOT PRINT ABOVE



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

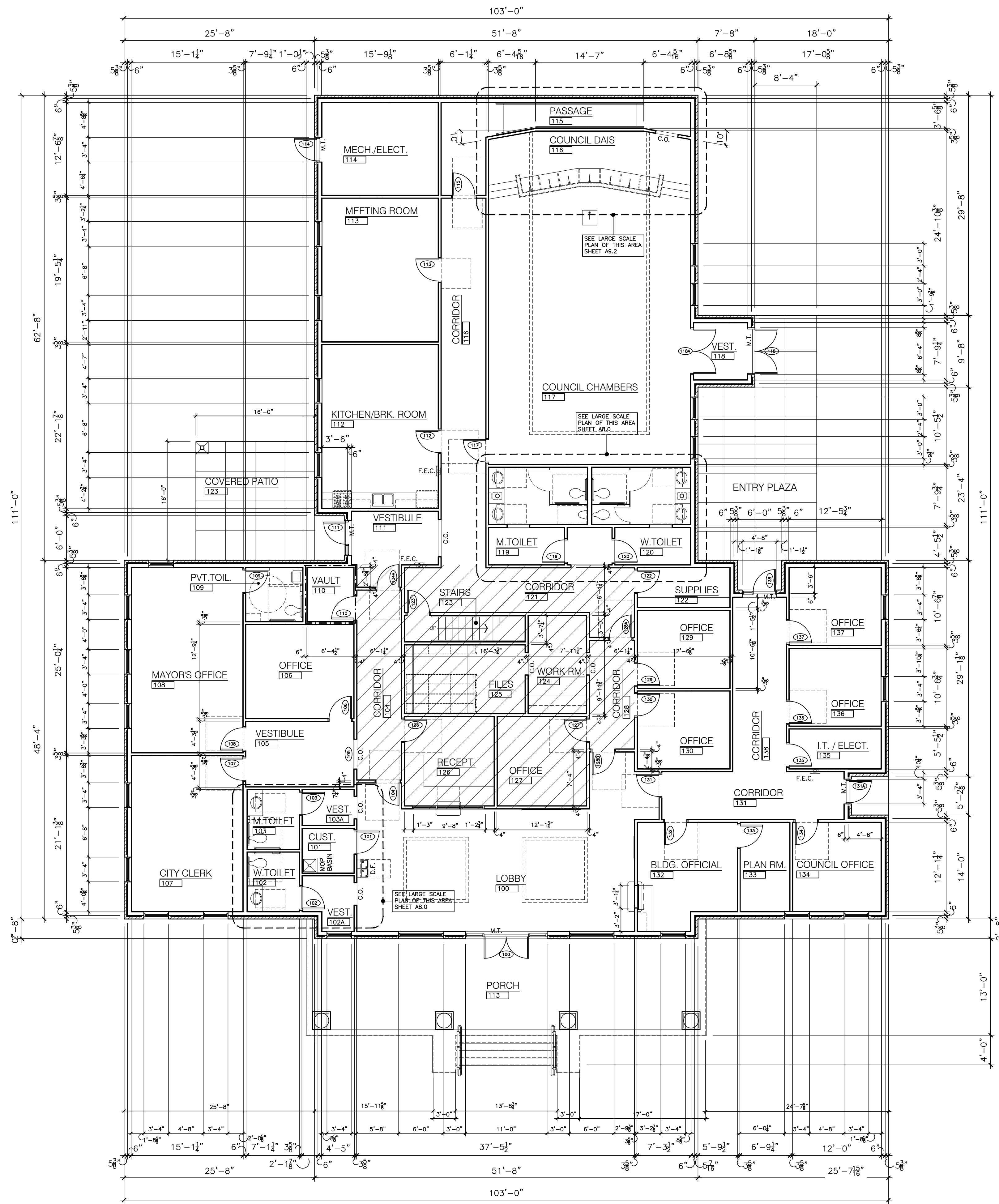


ABBREVIATIONS: (APPLICABLE TO ALL ARCHITECTURAL FLOOR PLANS WHERE INDICATED)

- A.S.U. ADJUSTABLE SHELF UNIT
- B.C. BASE CABINET
- C.E.S. CARPET EDGE STRIP at floor
- CL CENTERLINE
- D.F. DRINKING FOUNTAIN - See Plumbing
- D.S. DOWNSPOUT & SPLASHBLOCK - See Roofing
- F.D. FLOOR DRAIN - See Plumbing
- F.E.C. FIRE EXTINGUISHER & CABINET
- F.O.B. FACE OF BLOCK OR BRICK
- F.O.S. FACE OF STUDS
- F.O.W. FACE OF WALL
- F.S. FEATURE STRIP at floor - 2" wide unless noted otherwise.
- HCP. HANDICAP ACCESSIBLE
- H.R. HAND RAILING - See Typical Details
- I.M. ICE MACHINE - N.I.C. - See Plumbing for Rough-in
- LAV. LAVATORY - See Plumbing
- M.B. MARKER BOARD - See Specifications
- M.S. MOP SINK - See Plumbing
- M.T. METAL THRESHOLD
- N.I.C. NOT IN CONTRACT
- O.C. ON CENTER
- O.H.C. OVER HEAD CABINET
- P.B. PIPE BOLLARD - See Civil
- P.T. PRESSURE TREATED
- REF. REFRIGERATOR
- R.S. RUBBER REDUCER STRIP at floor
- T.B. TACK BOARD - See Specifications
- T.O.S. TOP OF SLAB
- T.S. METAL TRANSITION STRIP at PORC. TILE EDGE - See Details & Tile Spec.
- T.W.H. TANKLESS WATER HEATER - See Plumbing
- V.S.T.R. VENT STACK THROUGH ROOF - See Plumbing
- W.C. WATER CLOSET - See Plumbing

CONCEALED WOOD BLOCKING at STUD PARTITIONS:
 PROVIDE CONCEALED 2x6 WOOD BLOCKING IN STUD PARTITIONS, WHERE REQUIRED TO ADEQUATELY ANCHOR & SUPPORT ALL WALL-MOUNTED ITEMS, INCLUDING BUT NOT LIMITED TO GRAB BARS AND OTHER TOILET ACCESSORIES, CASEWORK, MILLWORK, PLUMBING FIXTURES & TRIM, WALL-MOUNTED DOOR STOPS, WALL-MOUNTED TELEVISION BRACKETS, AND HANDRAIL BRACKETS. SEE SPECIFIC DISCIPLINES FOR LOCATIONS.

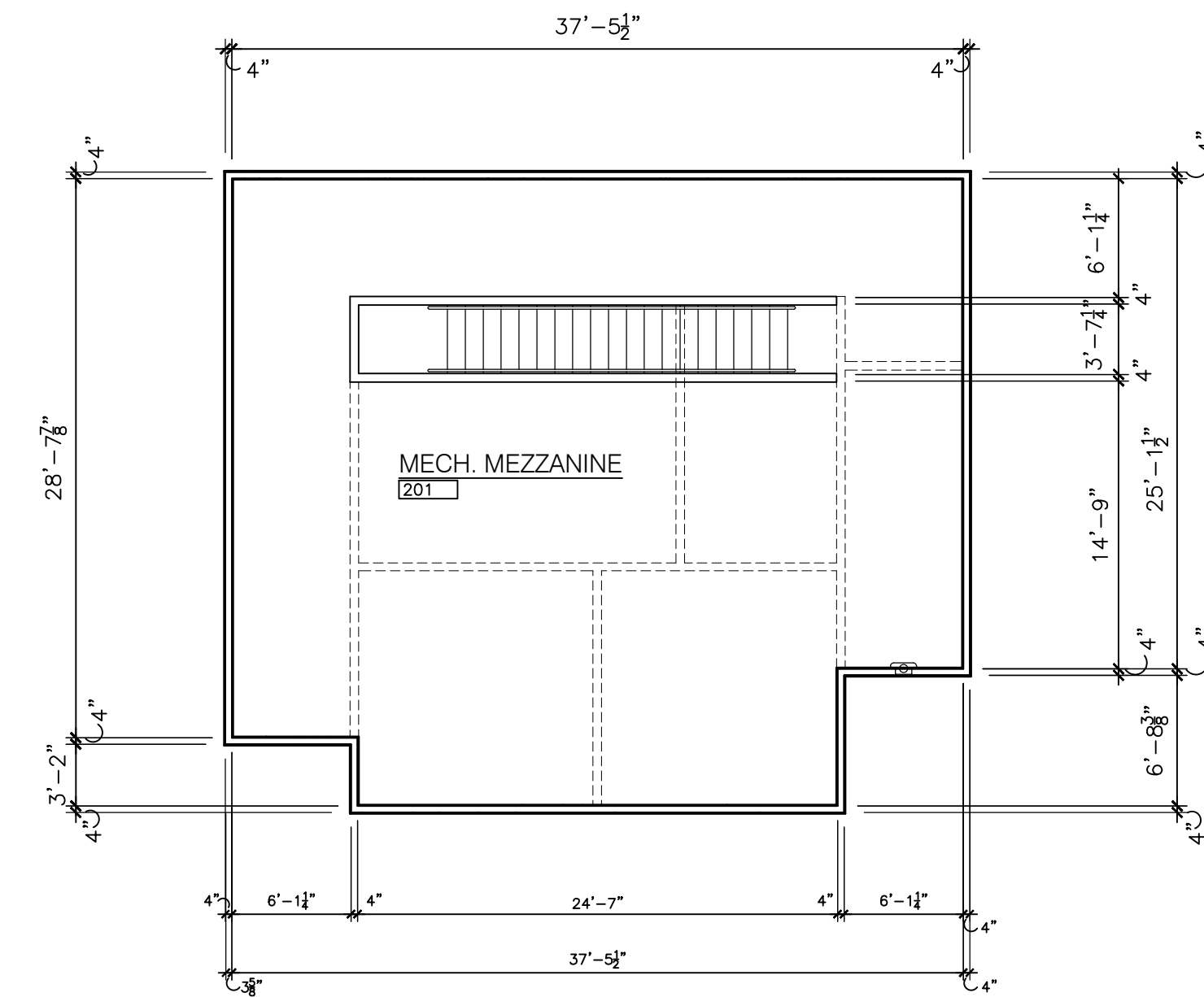
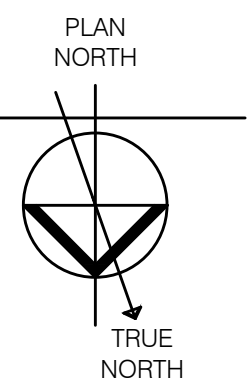
INTERIOR FINISH LEGEND		
FLOOR	WAINSCOT	Ceilings
A RESILIENT FLOOR TILE (LVT)	A NONE	A NON-RATED LAY-IN REGULAR-EDGE ACoust. TILE IN 24 x 24" GRID
B PORCELAIN TILE (THIN-SET)	B 4"-3" HIGH THIN-SET PORCELAIN TILE	B NON-RATED LAY-IN SQUARE-EDGE ACoust. TILE IN 24 x 24" GRID
C CARPET	C 3'-4" HIGH PAINTED WITH CHAIRRAIL	C NON-RATED LAY-IN VINYL-FACED GYP. BD. IN 24 x 24" GRID
D QUARRY TILE (THIN-SET)		D EXPOSED STRUCTURE/INSULATION-NO FINISH CEILING
E EXPOSED CONCRETE WITH DUST-PROOF HARDENER		E GYPSUM BOARD WITH EGGSHELL LATEX ENAMEL PAINT (SEE SPEC.)
F RUBBER SAFETY TILE AT RAMP		F CEILING HGT.
BASE	WALLS	A 8'-0"
A NONE	A GYPSUM BOARD WITH EGGSHELL ENAMEL PAINT	B 8'-8"
B 6" HIGH WOOD		C 9'-0"
C 4" HIGH COVE RUBBER		D 10'-0"
D 15" HIGH THIN-SET QUARRY TILE		E 11'-0"
		F 12'-0"
		G 13'-0"
		H OPEN TO MEZZANINE ABOVE



DIMENSIONS - FLOOR PLAN

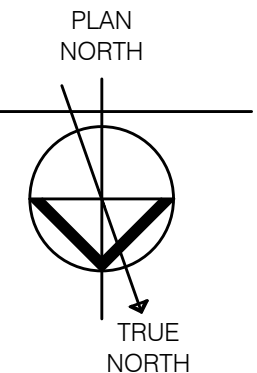
SCALE: 1/8" = 1'-0"

NOTE: HATCHED AREA OF THIS PLAN REPRESENTS MECHANICAL MEZZANINE FOOT PRINT ABOVE



MECHANICAL MEZZANINE - FLOOR PLAN

SCALE: 1/8" = 1'-0" (HATCHED AREA ON FLOOR PLAN REPRESENTS MECHANICAL MEZZANINE AREA)

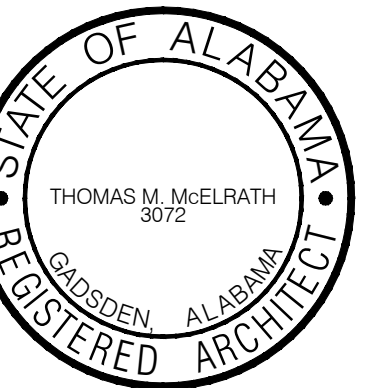


DIMENSION NOTE:
ALL DIMENSIONS ARE SHOWN TO FACE OF STUDS, MASONRY, OR STEEL STRUCTURE; OR TO CENTERLINE OF COLUMNS - UNLESS SHOWN OR NOTED OTHERWISE.

DOWNSPROUT LOCATION COORDINATION:
COORDINATE ALL DOWNSPROUT LOCATIONS WITH CIVIL, ROOFING AND ELEVATIONS DRAWINGS. FINAL LOCATIONS SHALL BE CONFIRMED BY THE ARCHITECT AND CIVIL CONSULTANTS FOR PROPER FUNCTION AND TIE-IN AND WITH THE ARCHITECT FOR PROPER AESTHETICS.

FLOOR PLAN LEGEND: (APPLICABLE TO ALL DRAWINGS)

- NEW 1'-0" TH. EXTERIOR WALL: Nominal 4" th. face brick, air space, air infiltration barrier, 1/2" th. gypsum sheathing, 6" metal studs (See Struct. and Spec.), and 5/8" th. gypsum board on interior face. Provide R-19 full height as shown and specified between studs.
- NEW 8" TH. EXTERIOR GABLE WALL: 1 1/2" th. exterior insulation & finish system (EIFS) and 1/2" th. gypsum sheathing over 6" metal studs (See Struct. and Spec.). Provide R-19 full-height insulation as shown and specified between studs.
- TYPICAL NEW INTERIOR DRYWALL PARTITION: 3/8" dp. x 20 gauge metal studs at 24" o.c. maximum (except where 4" dp. load-bearing studs are shown under Mezzanine (See Struct.) or 6" dp. x 20 gauge metal studs are shown, noted or detailed), with one layer of 5/8" th. gypsum board on each face (See Spec.). EXCEPTION: Chase walls shall have gyp. board on exposed face only. Provide full-th. x full-height sound-attenuation insulation as specified between studs (unless detailed otherwise).
- TYPICAL NEW 2 HR. RATED VAULT DRYWALL PARTITION: 3/8" dp. x 20 gauge metal studs at 24" o.c. maximum (except where 6" dp. x 20 gauge metal studs are shown, noted or detailed), with two layers of 5/8" th. fire-rated gypsum board on each face (See Spec.) built tight to 2 r. rated cap as detailed.

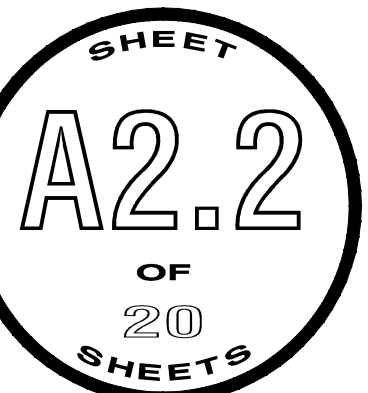


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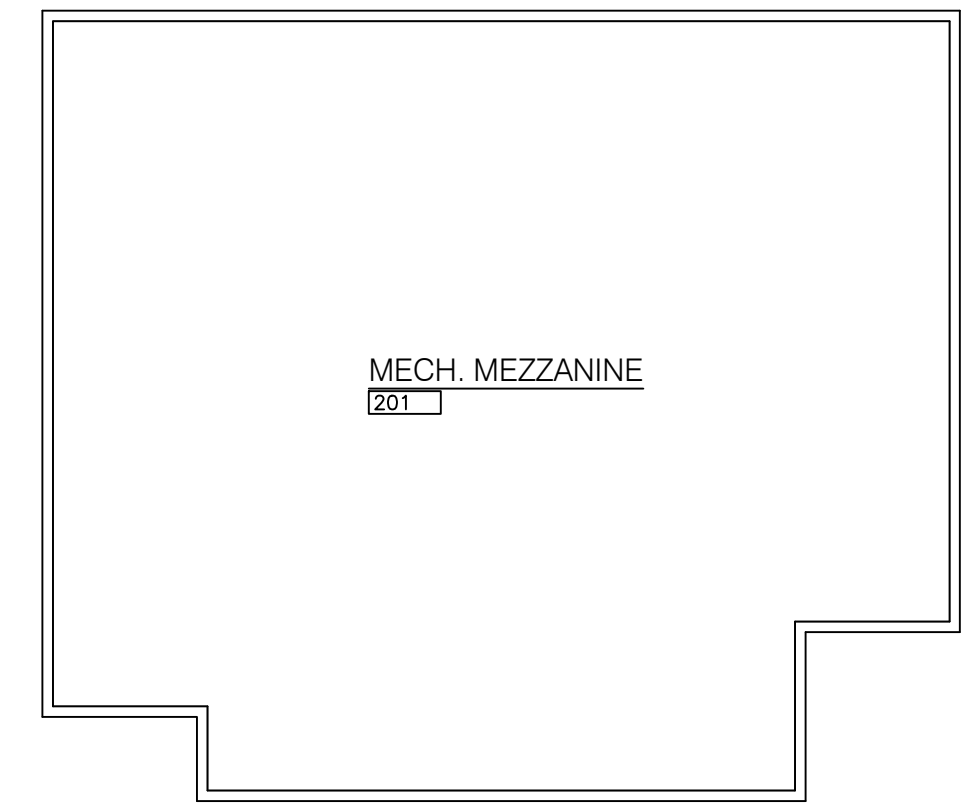
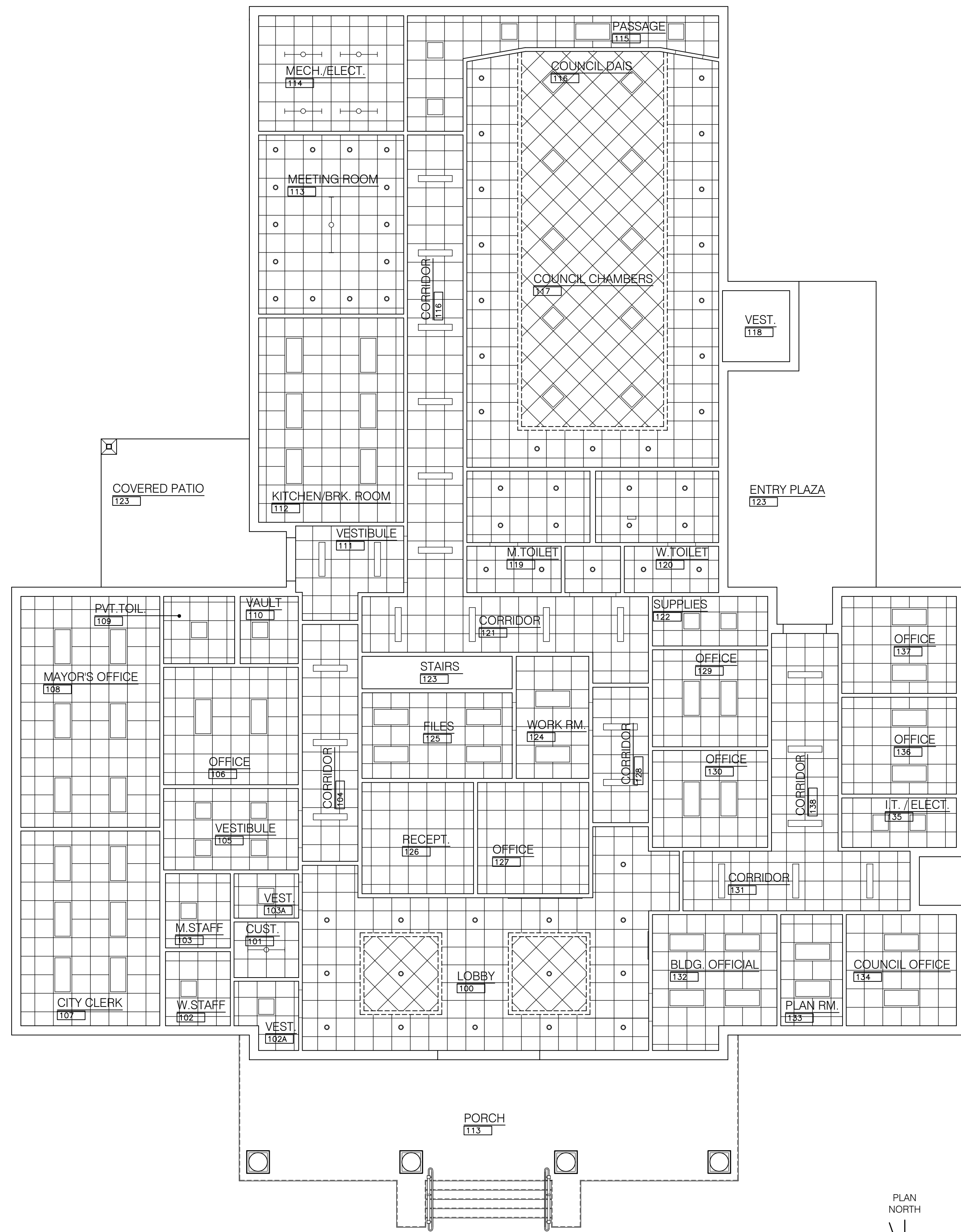
A NEW CITY HALL and MUNICIPAL OFFICE FACILITY for the CITY OF CENTRE, ALABAMA
350 E. MAIN STREET

DIMENSIONS FLOOR PLAN

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SCALE	AS NOTED
DATE	FEBRUARY 28, 2024
FILE	A2.2_Dimens. FP.dwg
JOB NO.	22-06
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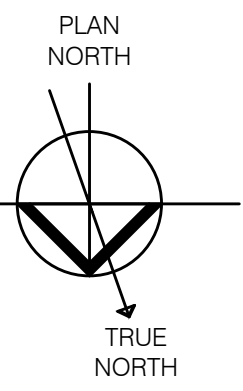


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SCALE	AS NOTED
DATE	FEBRUARY 28, 2024
FILE	A2.3_RCP.dwg
JOB NO.	22-06
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MECHANICAL MEZZANINE - FLOOR PLAN

SCALE: 1/8" = 1'-0" (HATCHED AREA ON FLOOR PLAN REPRESENTS MECHANICAL MEZZANINE AREA)

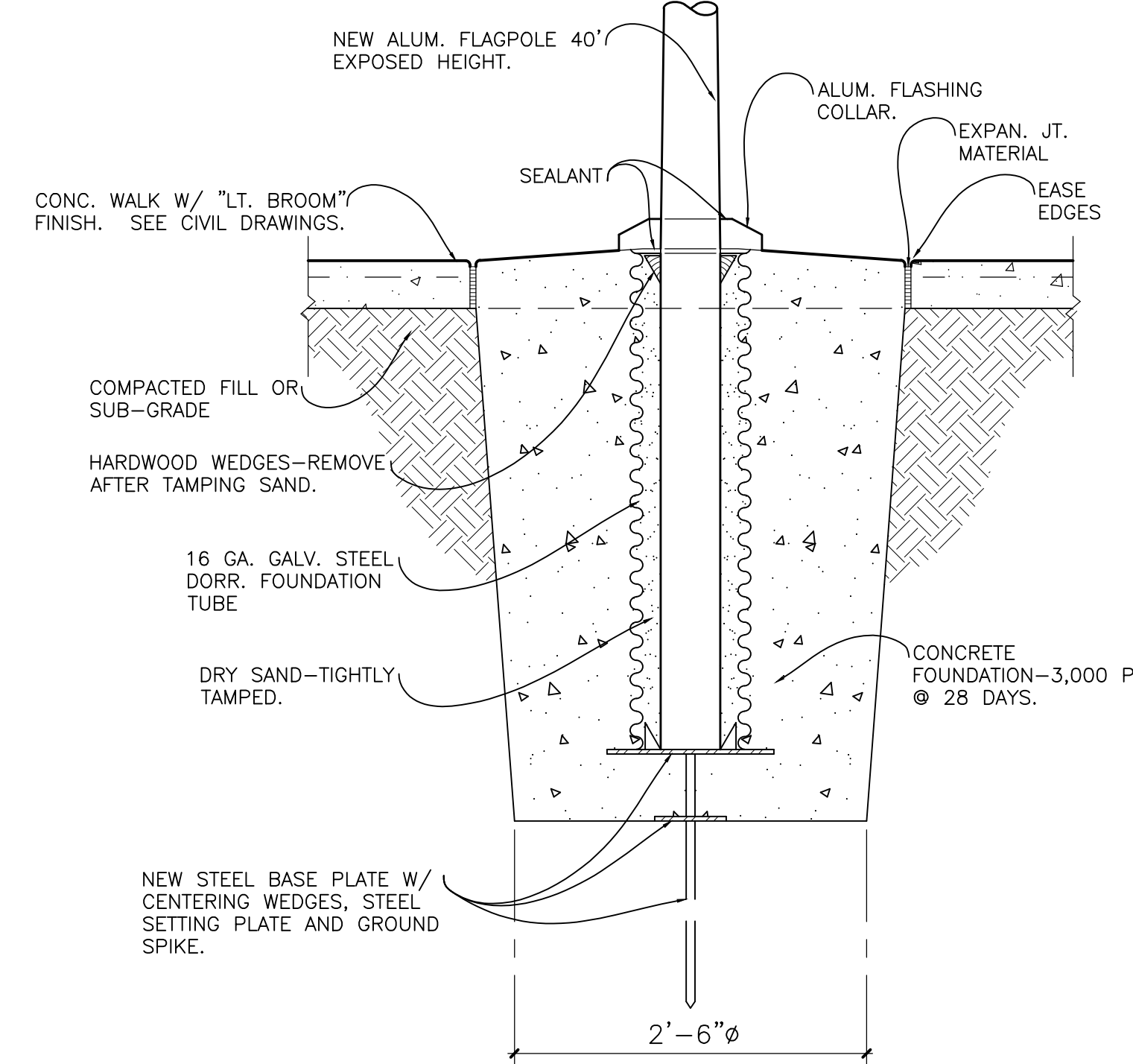


REFLECTED CEILING PLAN

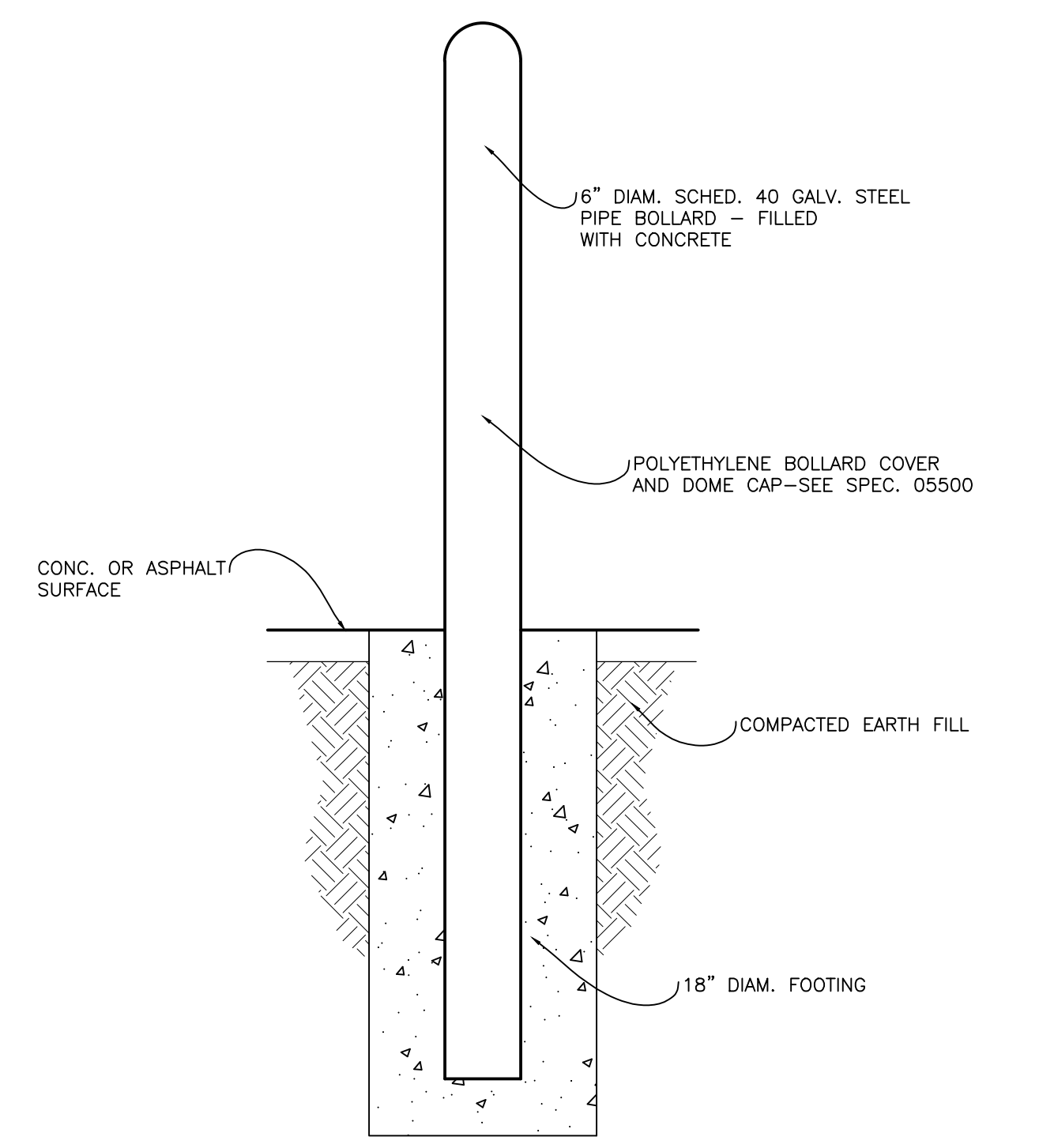
SCALE: 1/8" = 1'-0"

REFLECTED CEILING LEGEND:

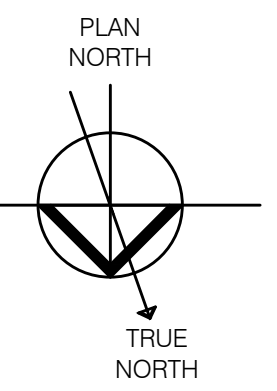
- 2'x2' LAY-IN CEILING SYSTEMS: See Finish Schedule and Specifications.
- 2'x2' LAY-IN CEILING SYSTEMS: Cut tiles to fit irregular grid. See Finish Schedule and Specifications.
- 2'x4' LAY-IN LIGHT FIXTURE: See Electrical.
- 1'x4' LAY-IN LIGHT FIXTURE: See Electrical.
- 2'x2' LAY-IN LIGHT FIXTURE: See Electrical.
- 6'x4' SURFACE MOUNTED LIGHT FIXTURE: See Electrical.
- RECESSED CAN LIGHT FIXTURE: See Electrical.
- PENDANT LIGHT FIXTURE: See Electrical.
- CEILING MOUNTED DIFFUSER: See Mechanical.
- CEILING MOUNTED RETURN: See Mechanical.
- CEILING MOUNTED EXHAUST GRILLE: See Mechanical.
- GAS-FIRED INFRARED HEATERS: See Mechanical.

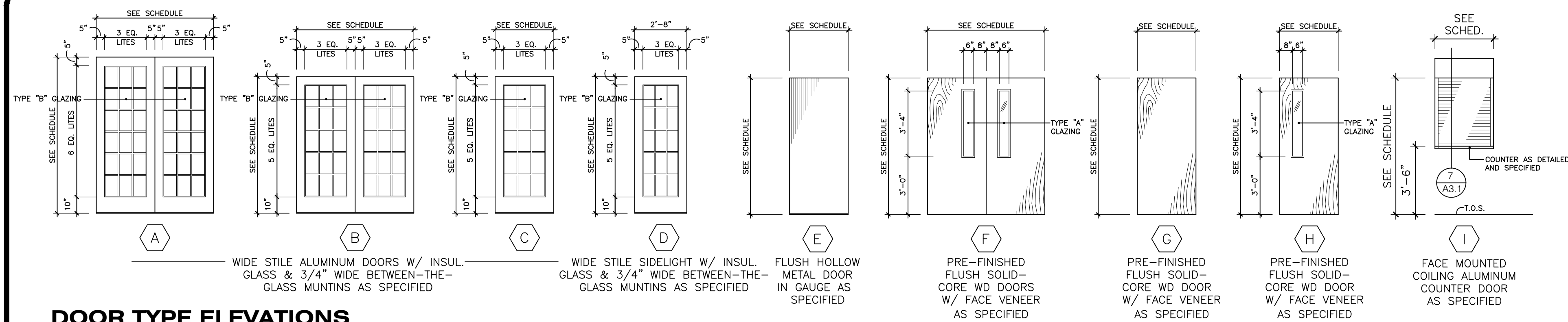


1 BASE DETAIL at FLAGPOLE
 SCALE: 1" = 1'-0" (SEE CIVIL SITE PLAN for LOCATION)



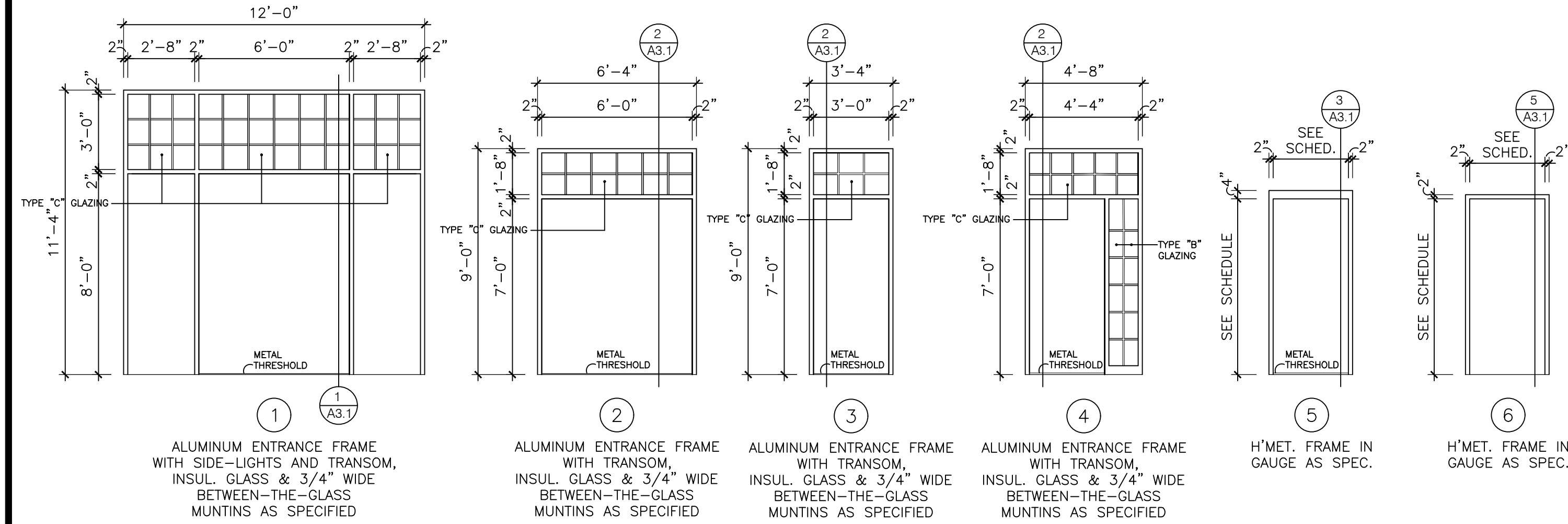
2 SECTION thru TYP. 6" DIAM. STEEL PIPE BOLLARD
 SCALE: 1" = 1'-0" (DENOTED AS "P.B."-SEE CIVIL SITE PLAN FOR LOCATIONS)





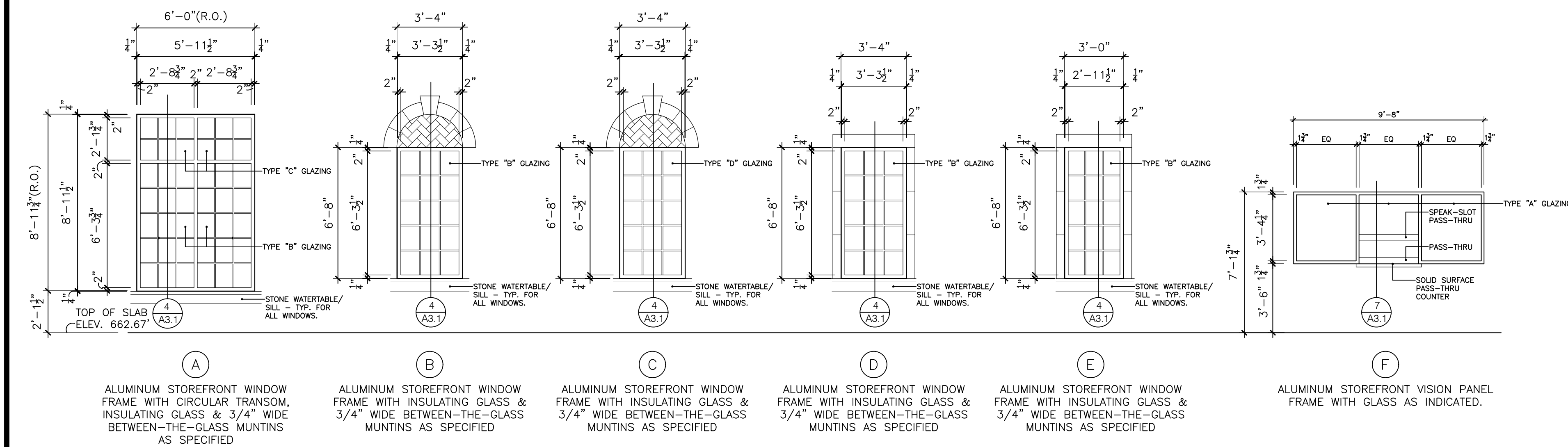
DOOR TYPE ELEVATIONS

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



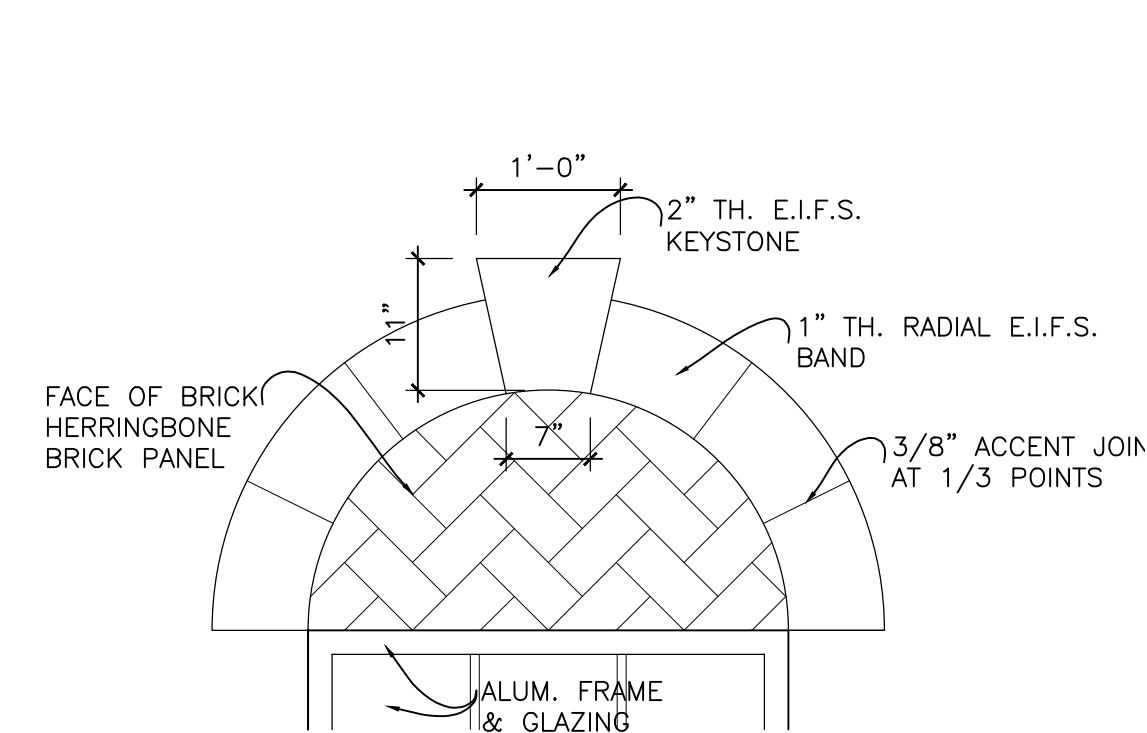
SCHEDULE of DOOR FRAME TYPES

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



SCHEDULE of WINDOW TYPES

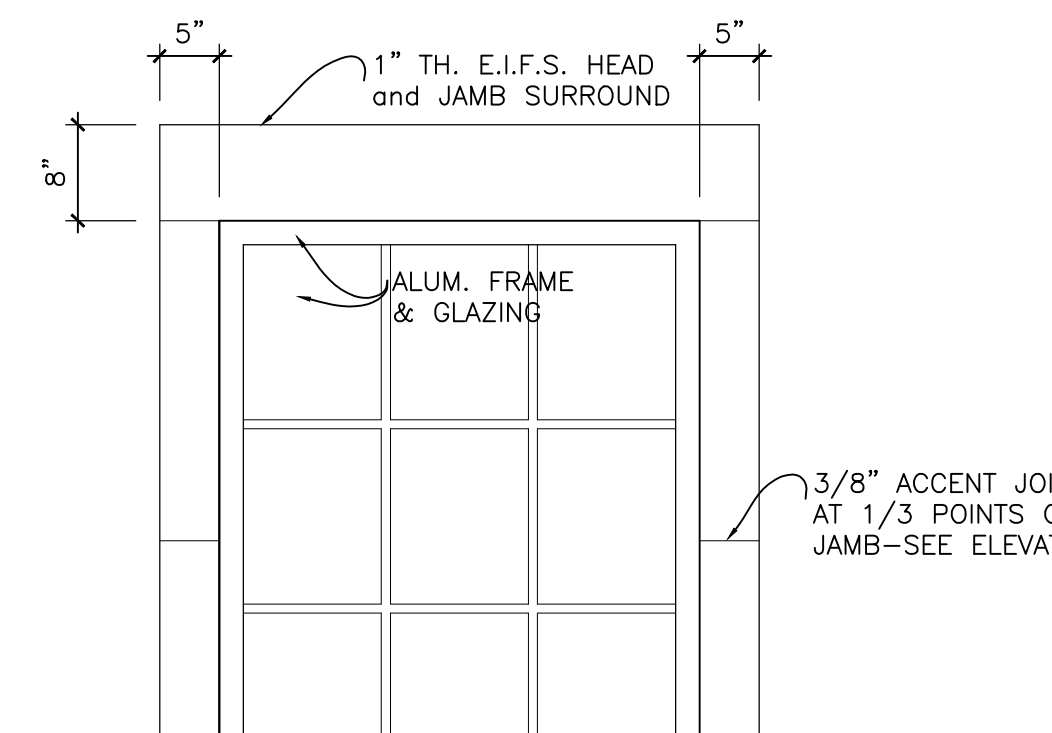
SCALE: 1/4" = 1'-0"



OCCURS AT TYPE "A" WINDOWS WHERE INDICATED ON ELEVATIONS

E.I.F.S. KEYSTONE and RADIAL BAND

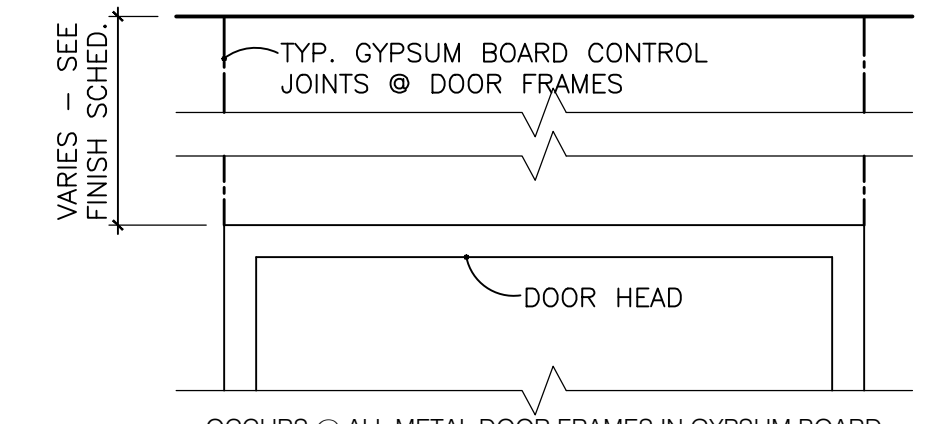
SCALE: 3/4" = 1'-0"



OCCURS AT TYPE "C" and "E" WINDOWS WHERE INDICATED ON ELEVATIONS

E.I.F.S. HEAD and JAMB SURROUND

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



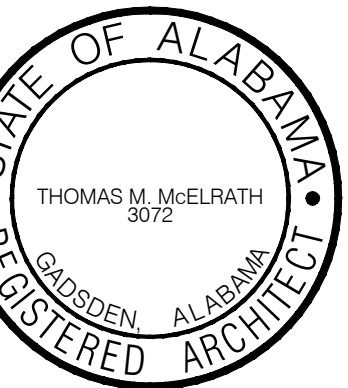
NOTE: PROVIDE VERTICAL GYPSUM BOARD CONTROL JOINTS ON BOTH SIDE OF PARTITION - TYPICAL AT TOP CORNERS OF ALUMINUM AND STEEL DOOR FRAMES IN DRYWALL CONSTRUCTION. EXTEND FROM TOP OF FRAME TO TOP OF GYP. BOARD. SEE DETAIL ABOVE.

SCHEDULE of GLAZING TYPES for DOORS & SIDELITES

TYPE	DESCRIPTION
A	1/4" TH. "CLEAR" TEMPERED SAFETY GLASS AS SPECIFIED.
B	1" TH. "CLEAR" TEMPERED INSULATING GLASS WITH "LOW E" COATING AS SPECIFIED.
C	1" TH. "CLEAR" INSULATING GLASS WITH "LOW E" COATING AS SPECIFIED.
D	1" TH. "CLEAR" TEMPERED SAFETY INSULATING SPANDREL PANEL AS SPECIFIED.

SCHEDULE of DOORS and FRAMES

MARK	TYPE	DOORS			FRAMES			MISC.				
		WIDTH	HGT.	THICK	DETAILS	MATERIAL	FIRE RATING		REMARKS			
					HEAD	JAMB	SILL					
100	A	6'-0"	8'-0"	1 3/4"	ALUM.	*1	1/A3.1	1/A3.1	ALUM.	NONE	*TYPE "D" DOOR IS SIDELIGHT FOR THIS FRAME	
101	G	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
102	G	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
102A	-	3'-0"	7'-0"	-	CASED OPENING NO DOOR HARDWARE							
103	G	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
103A	-	3'-0"	7'-0"	-	CASED OPENING NO DOOR HARDWARE							
104	G	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
104A	G	3'-0"	7'-0"	-	WOOD	6	6/A3.1	6/A3.1	6/A3.1	H.M.	NONE	
105	-	4'-0"	7'-0"	-	CASED OPENING NO DOOR HARDWARE							
106	H	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
107	H	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
108	H	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
109	G	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
110	G	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	90 MIN.	
111	C	3'-0"	7'-0"	-	ALUM.	4	2/A3.1	2/A3.1	2/A3.1	ALUM.	NONE	
111A	-	5'-0"	7'-0"	-	CASED OPENING NO DOOR HARDWARE							
112	H	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
113	H	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
114	E	3'-0"	7'-0"	-	H.M.	5	3/A3.1	3/A3.1	3/A3.1	H.M.	NONE	
115	G	3'-0"	7'-0"	-	WOOD	8	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
115A	-	3'-0"	7'-0"	-	CASED OPENING NO DOOR HARDWARE							
117	H	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
118	B	6'-0"	7'-0"	-	ALUM.	*2	2/A3.1	2/A3.1	2/A3.1	ALUM.	NONE	*NO SIDELIGHT AT THIS DOOR AND FRAME
118A	F	6'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
119	G	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
120	G	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
121	-	5'-0"	7'-0"	-	CASED OPENING NO DOOR HARDWARE							
122	G	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
123	G	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
124	-	3'-0"	7'-0"	-	CASED OPENING NO DOOR HARDWARE							
125	-	3'-0"	7'-0"	-	CASED OPENING NO DOOR HARDWARE							
126	H	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
127	H	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
128	G	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
128A	G	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
129	H	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
130	H	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
131	G	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
131A	C	3'-0"	7'-0"	-	ALUM.	*3	2/A3.1	2/A3.1	2/A3.1	ALUM.	NONE	*NO SIDELIGHT AT THIS DOOR AND FRAME
132	H	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
132A	I	3'-0"	3'-6"	-	ALUM.	-	7/A3.2	7/A3.2	7/A3.2	ALUM.	NONE	
133	G	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
134	H	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
135	G	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
136	H	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
137	H	3'-0"	7'-0"	-	WOOD	6	5/A3.1	5/A3.1	5/A3.1	H.M.	NONE	
138	C	3'-0"	7'-0"	-	ALUM.	4	2/A3.1	2/A3.1	2/A3.1	ALUM.	NONE	



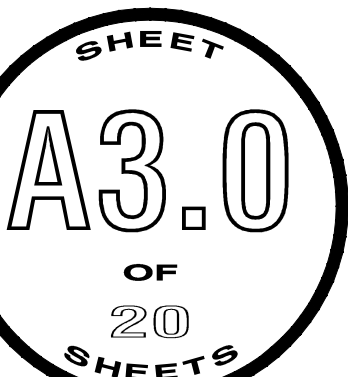
THOMAS M. MCELRATH, ARCHITECT
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GADSDEN, ALABAMA 35901
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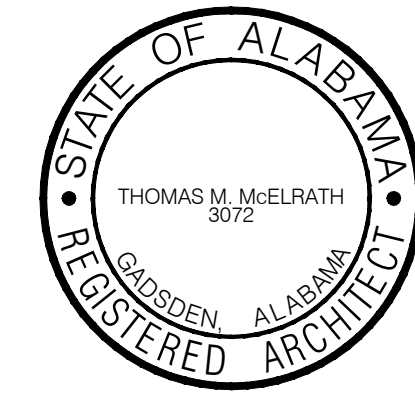
A NEW CITY HALL
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CITY OF CENTRE, ALABAMA
350 E. MAIN STREET

SCHEDULES
and DETAILS

SHEET ONE

DRAWN
CHECKED
SCALE
AS NOTED
DATE
FEBRUARY 28, 2024
FILE
A3.0_S&D One.dwg
JOB NO.
22-06
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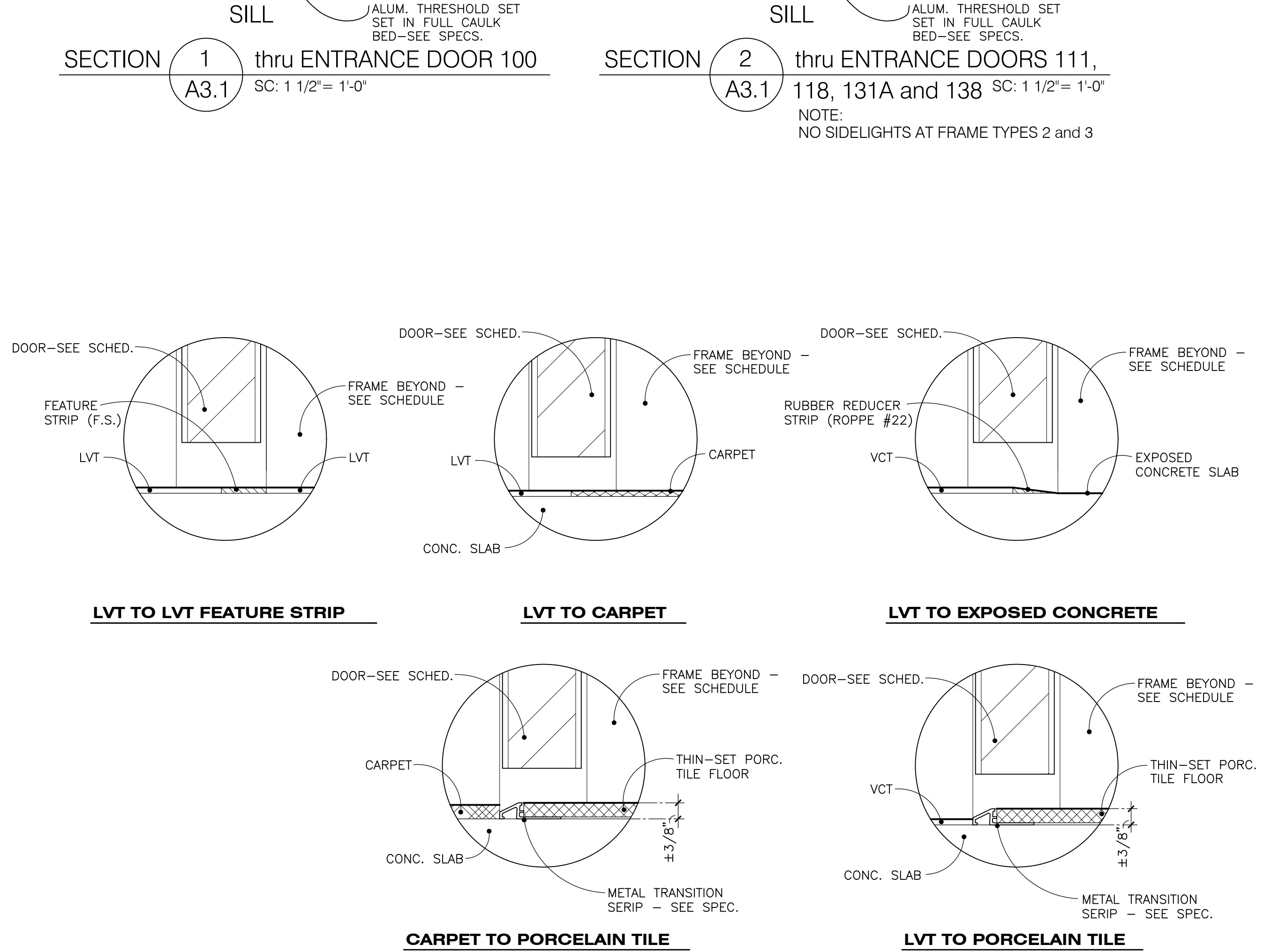
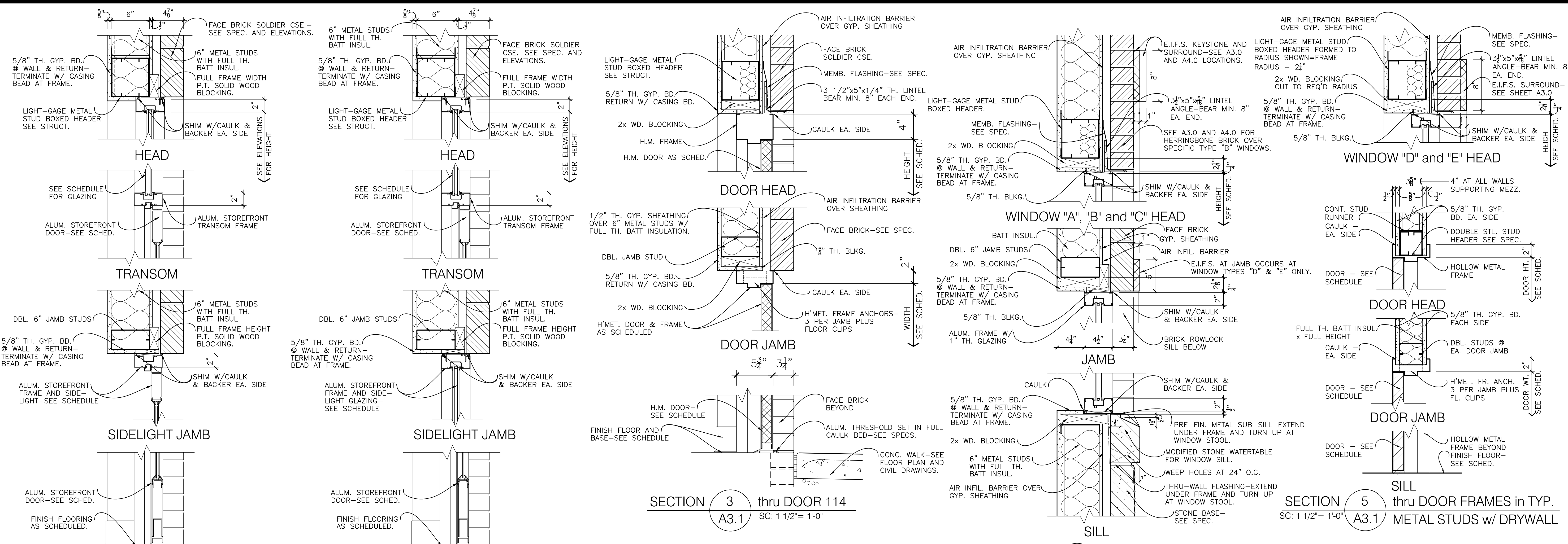
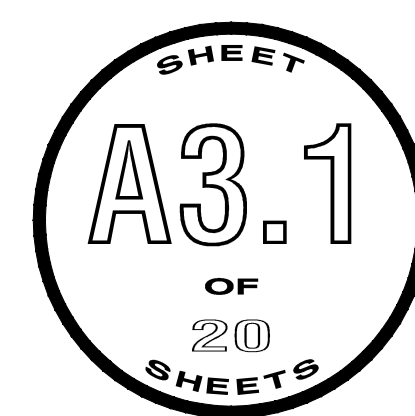
THOMAS M. McELRATH, ARCHITECT
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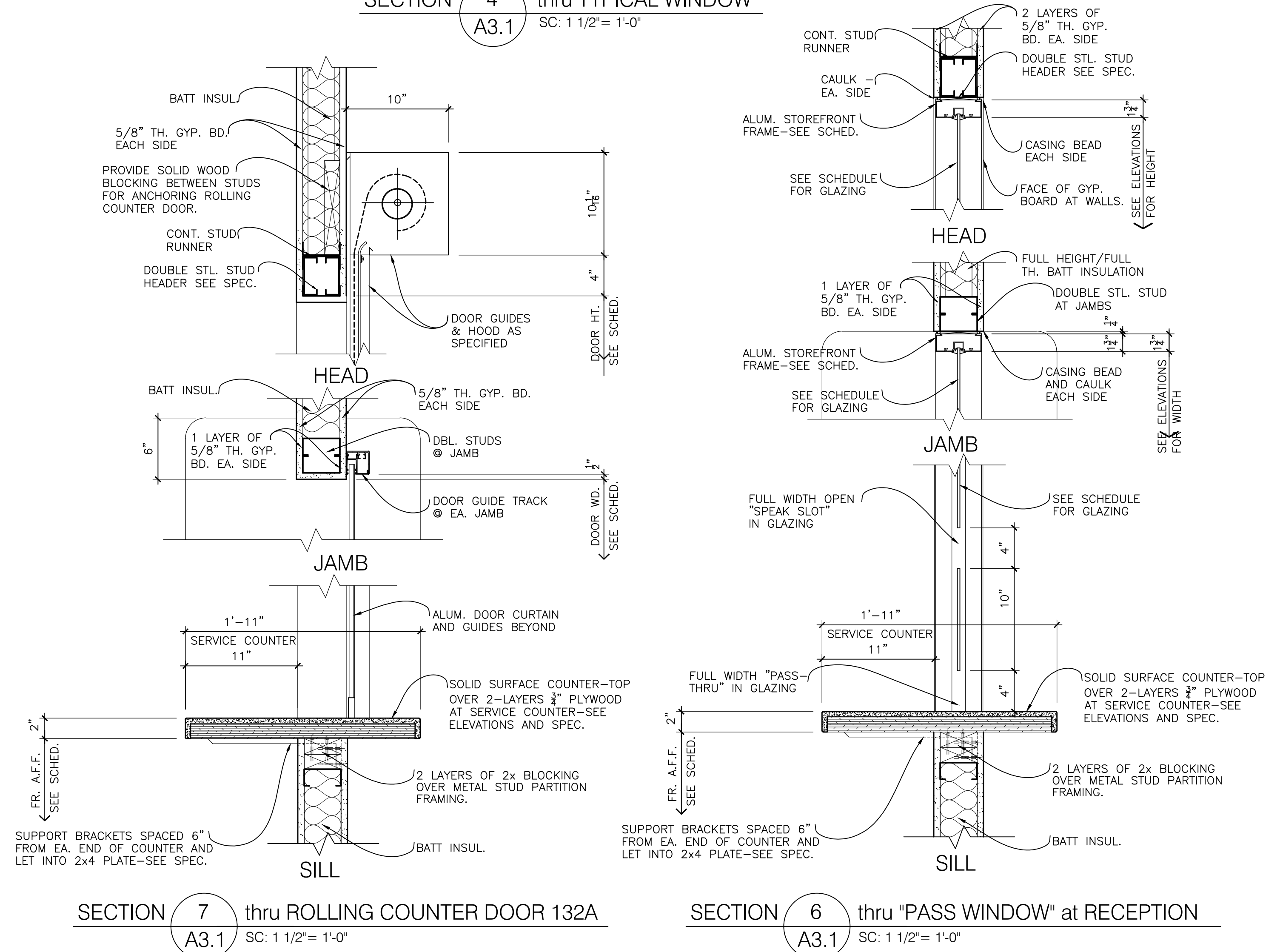
SCHEDULES and DETAILS

SHEET TWO

DRAWN
CHECKED
SCALE AS NOTED
DATE FEBRUARY 28, 2024
FILE A3.1_S&D_Two.dwg
JOB NO. 22-06
REVISIONS



TYPICAL FINISH FLOORING TRANSITION DETAILS
 SC: 6" = 1'-0"

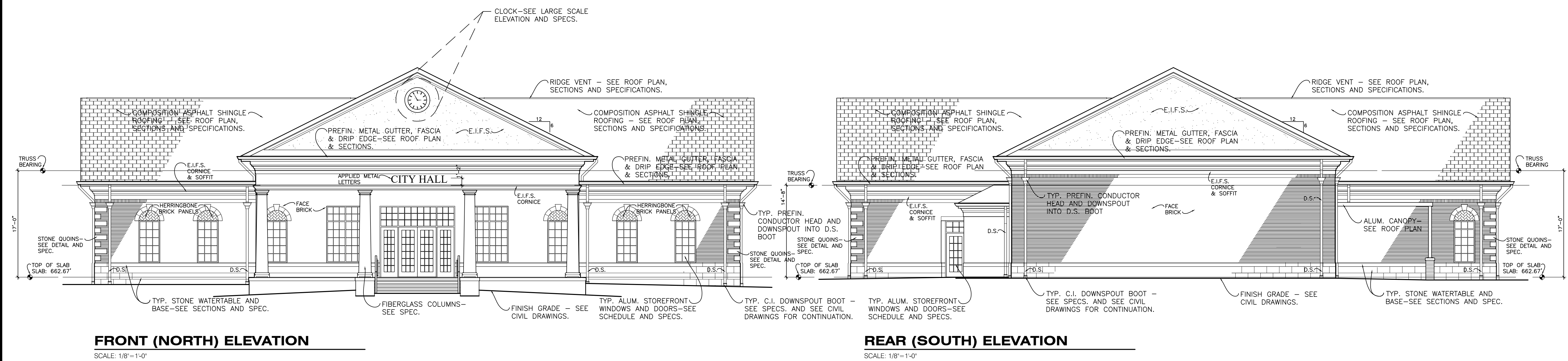


SECTION 6 thru "PASS WINDOW" at RECEPTION
 A3.1 SC: 1 1/2" = 1'-0"

SECTION 7 thru ROLLING COUNTER DOOR 132A
 A3.1 SC: 1 1/2" = 1'-0"

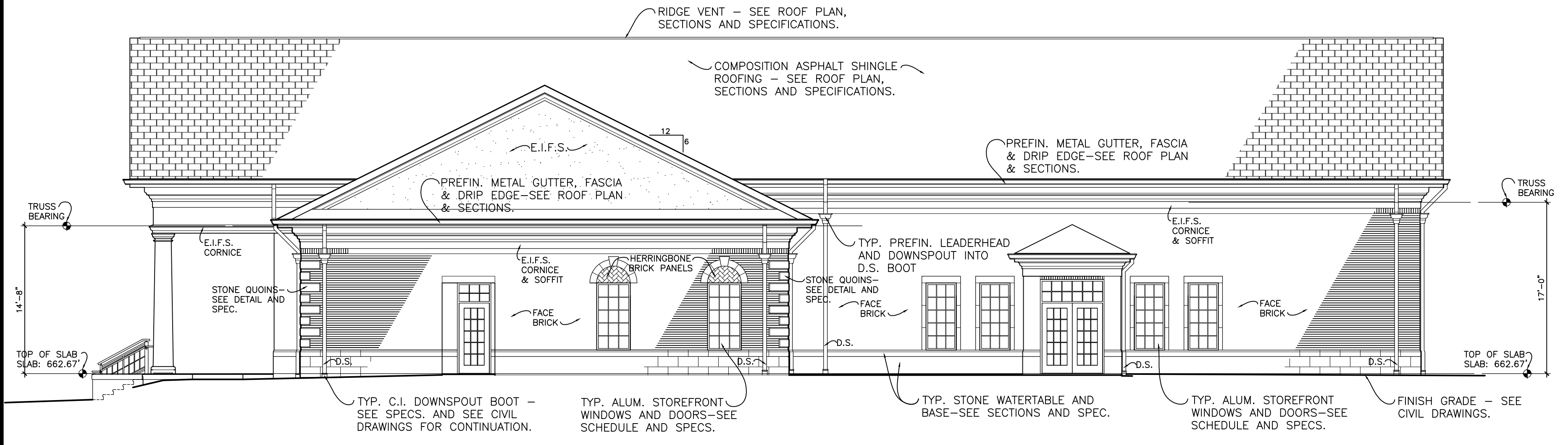
ELEVATIONS

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SCALE	AS NOTED
DATE	FEBRUARY 28, 2024
FILE	A4.0_Elevations.dwg
JOB NO.	22-06
REVISIONS	

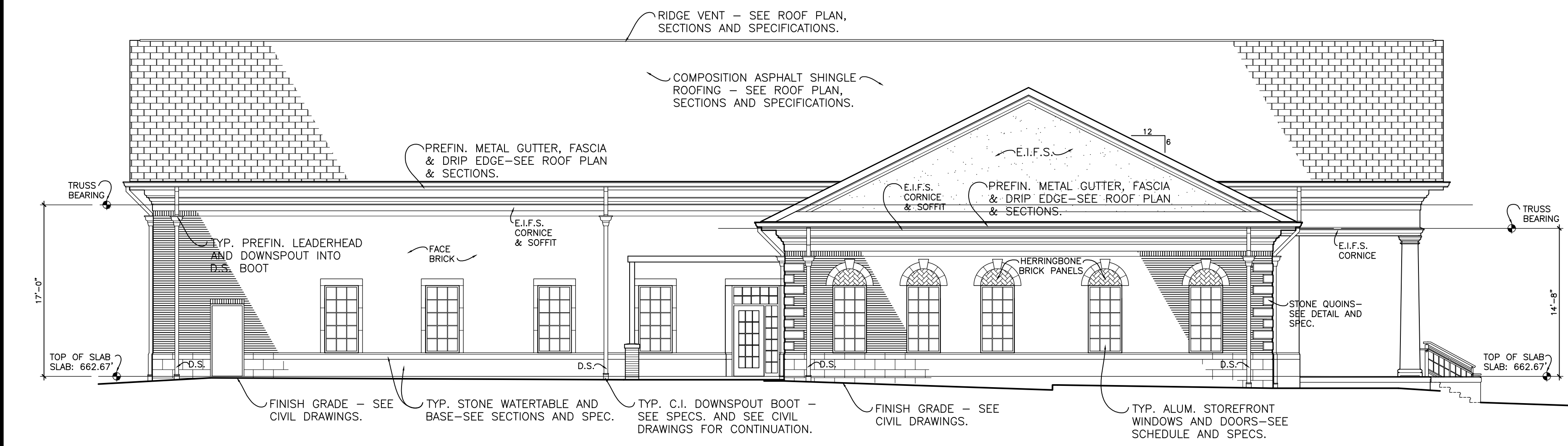


FRONT (NORTH) ELEVATION
 SCALE: 1/8"=1'-0"

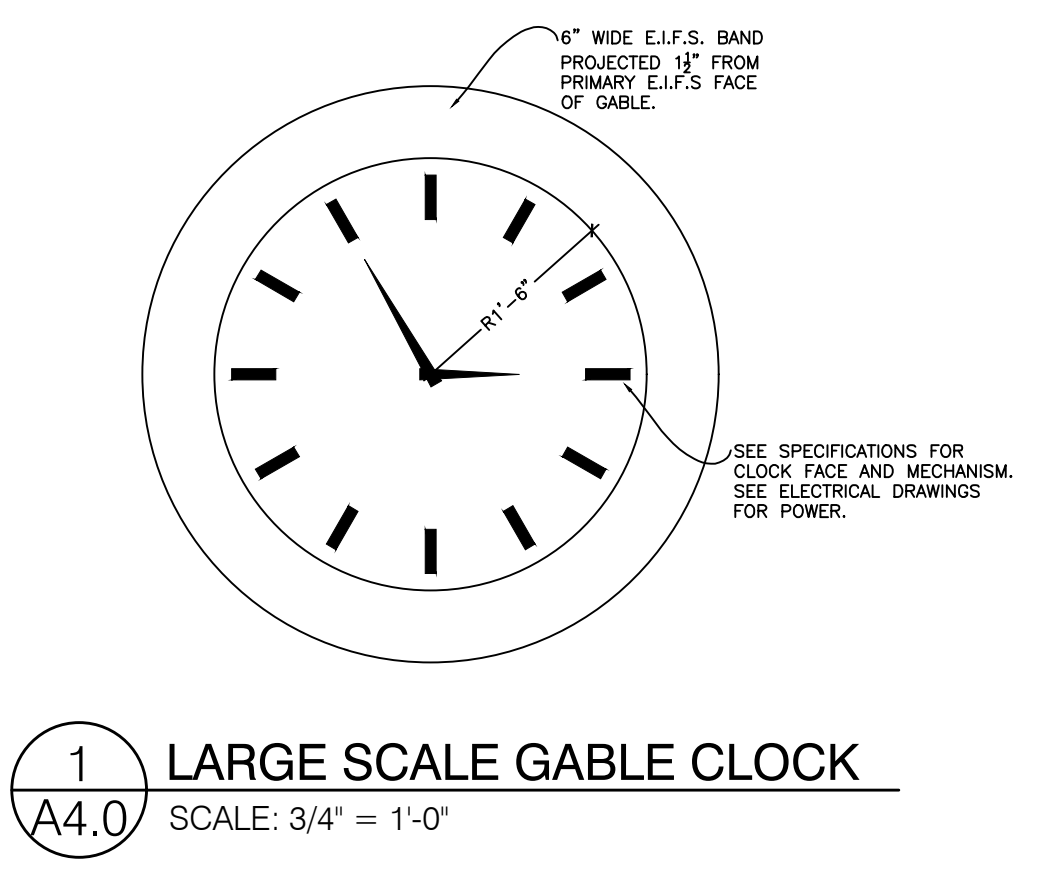
REAR (SOUTH) ELEVATION
 SCALE: 1/8"=1'-0"



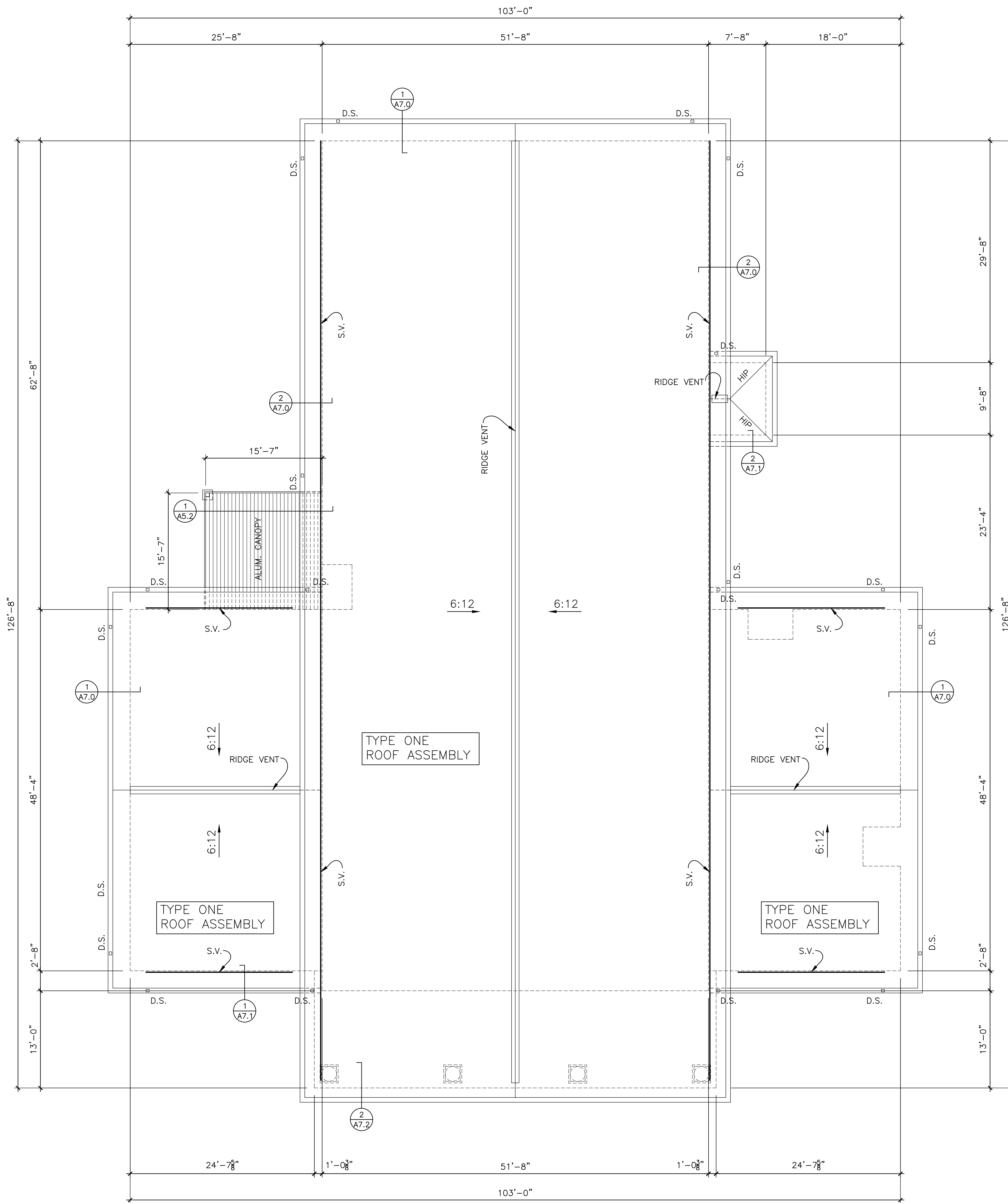
WEST (RIGHT SIDE) ELEVATION
 SCALE: 1/8"=1'-0"



EAST (LEFT SIDE) ELEVATION
 SCALE: 1/8"=1'-0"



1
A4.0 LARGE SCALE GABLE CLOCK
 SCALE: 3/4" = 1'-0"



ROOF PLAN

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



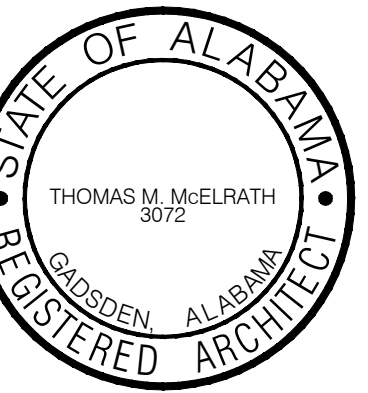
ROOF PENETRATIONS NOTE:
SEE PLUMBING AND MECHANICAL ROOF PLAN FOR ALL PLUMBING AND MECHANICAL ROOF PENETRATIONS AND DETAILS.

DOWNSPOUT LOCATION COORDINATION:
COORDINATE ALL DOWNSPOUT LOCATIONS WITH CIVIL, ROOFING AND ELEVATIONS DRAWINGS. FINAL LOCATIONS SHALL BE CONFIRMED BY THE ARCHITECT AND CIVIL CONSULTANTS FOR PROPER FUNCTION AND TIE-IN AND WITH THE ARCHITECT FOR PROPER AESTHETICS.

ROOF ASSEMBLY:
ROOF ASSEMBLY TYPE ONE:
ARCHITECTURAL COMPOSITION SHINGLES, OVER UNDERLAYMENT AS SPECIFIED, OVER NOM. 3/4" TH. PLYWOOD DECKING, OVER 7/8" DP. METAL HAT SECTIONS AT 16" O.C. (APPLIED PERPENDICULAR TO METAL DECK RIBS), OVER 1 1/2" x 22 GA. TYPE "B" FLUTED METAL DECK (SEE STRUCT.), OVER LIGHT GAUGE STEEL TRUSSES AT 48" O.C. (MAX.).

ROOF PLAN LEGEND:

- V.S.T.R. NEW PLUMBING VENT STACK – SEE PLUMBING DWGS. ALSO SEE A5.1 FOR FLASHING DETAILS.
- D.S. DOWNSPOUT – SEE CIVIL DWGS. FOR CONTINUATION TO OUT-FALL.
- E.F.R.C. MECHANICAL EQUIPMENT/VENTS – SEE MECHANICAL DWGS. FOR CURB FLASHING DETAILS.
- S.V. SHINGLE-OVER AIR SPACE VENT – SEE SECTIONS.
- R.T.W.S.V. ROOF-TO-WALL SHINGLE-OVER ATTIC VENT – SEE SECTIONS.
- O.P.S.V. OFF-PEAK SHINGLE-OVER ROOF VENT

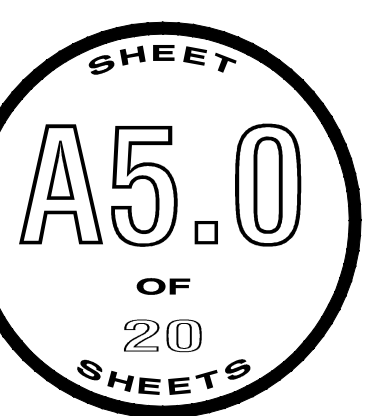


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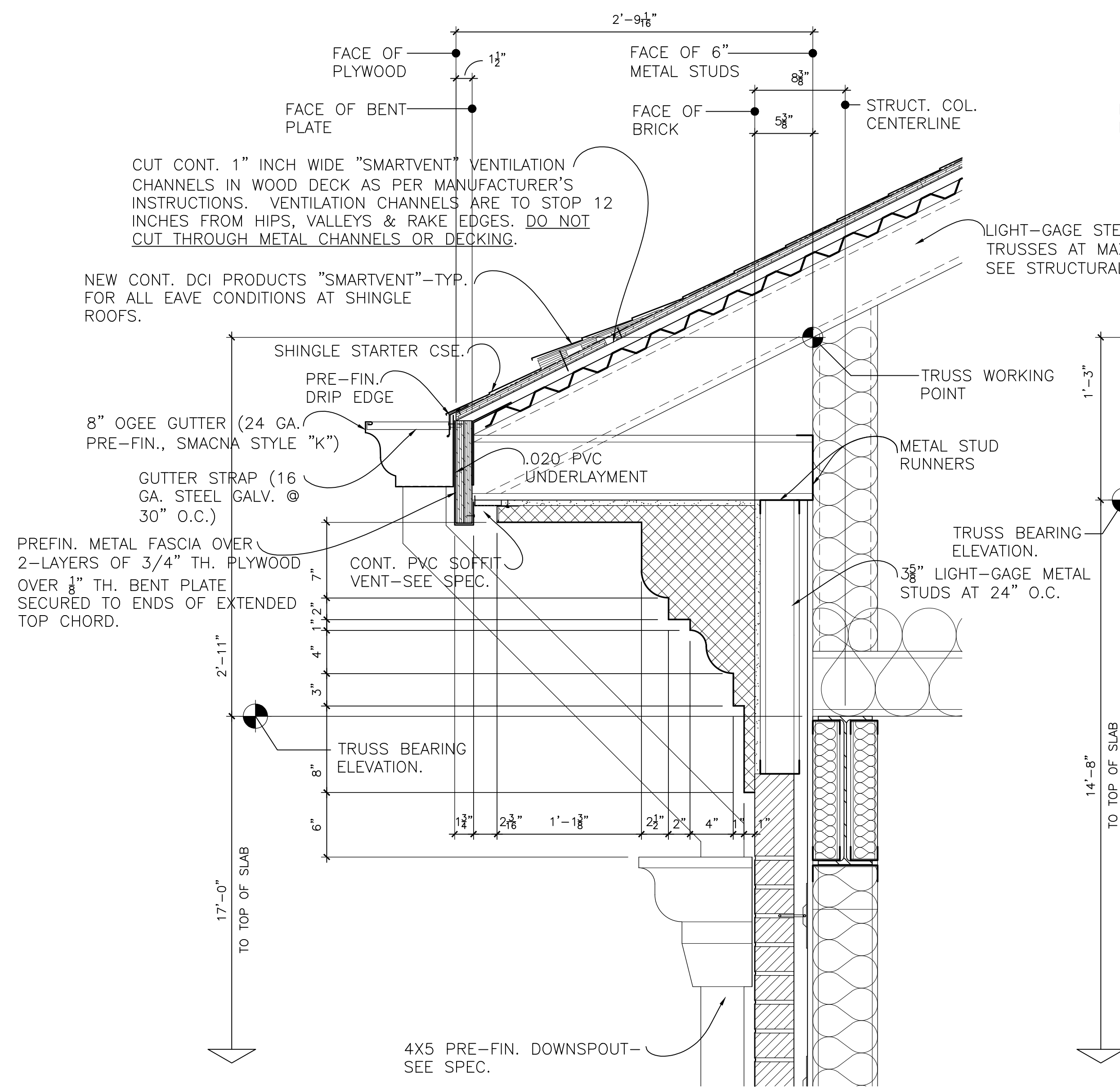
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CITY OF CENTRE, ALABAMA
350 E. MAIN STREET

ROOF PLAN

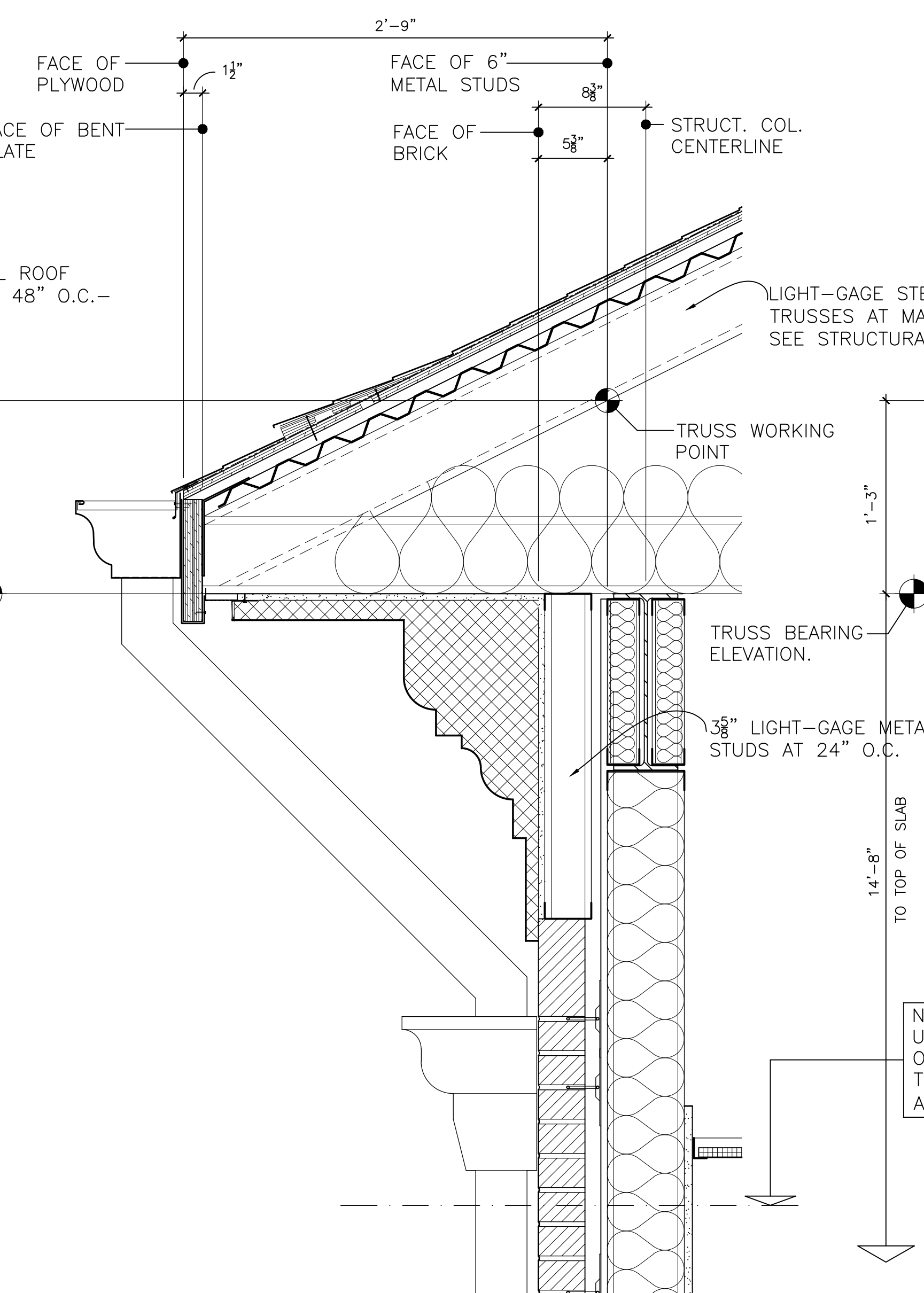
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SCALE	AS NOTED
DATE	FEBRUARY 28, 2024
FILE	A5.0_Roof Plan.dwg
JOB NO.	22-06
REVISIONS	



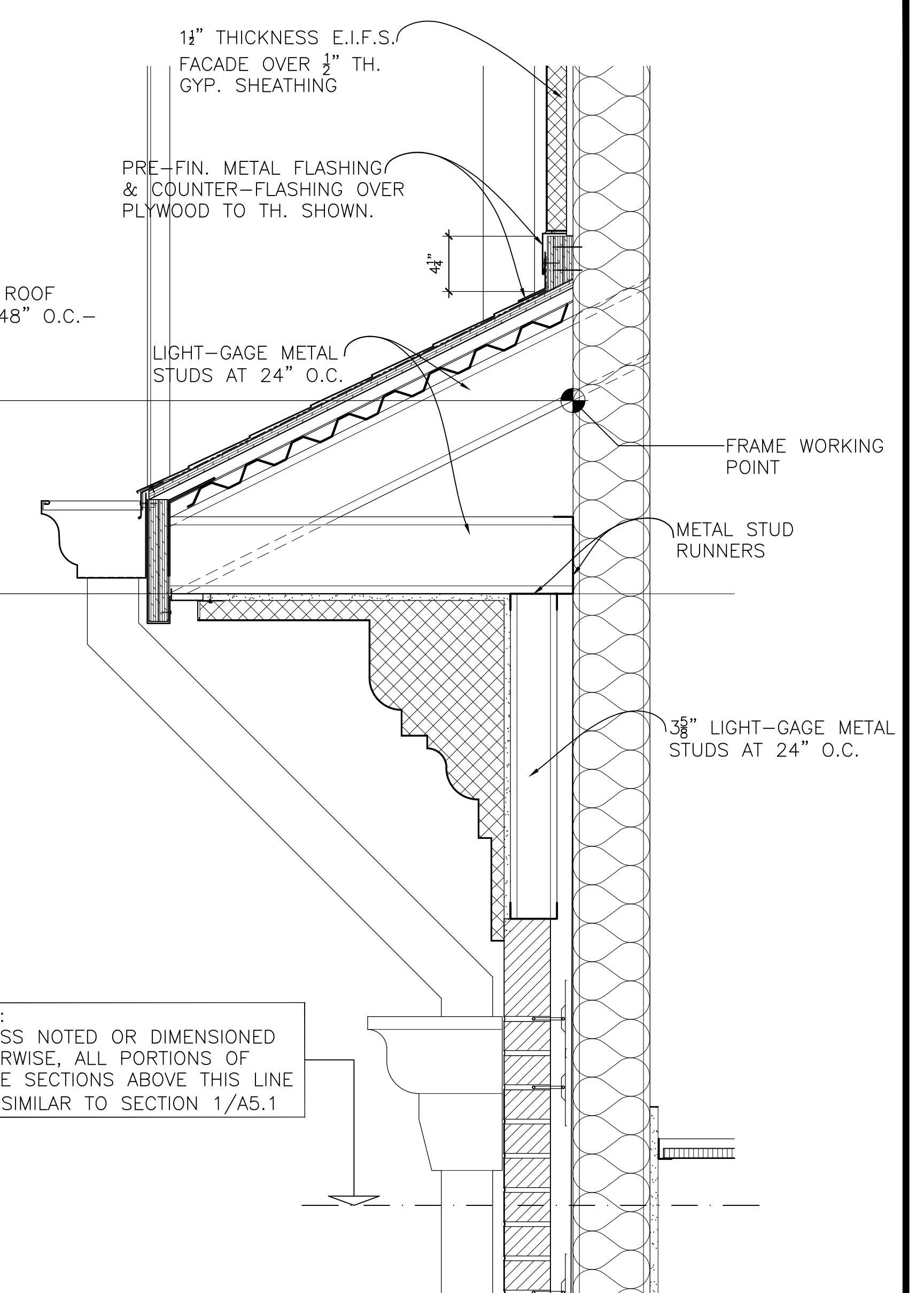
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CHECKED	TMM
SCALE	AS NOTED
DATE	FEBRUARY 28, 2024
FILE	A5.1_RP_Details.dwg
JOB NO.	22-06
REVISIONS	



1 SECTION thru EAVE at SIDEWALL of HIGH ROOF
 A5.1 SCALE: 1 1/2" = 1'-0"

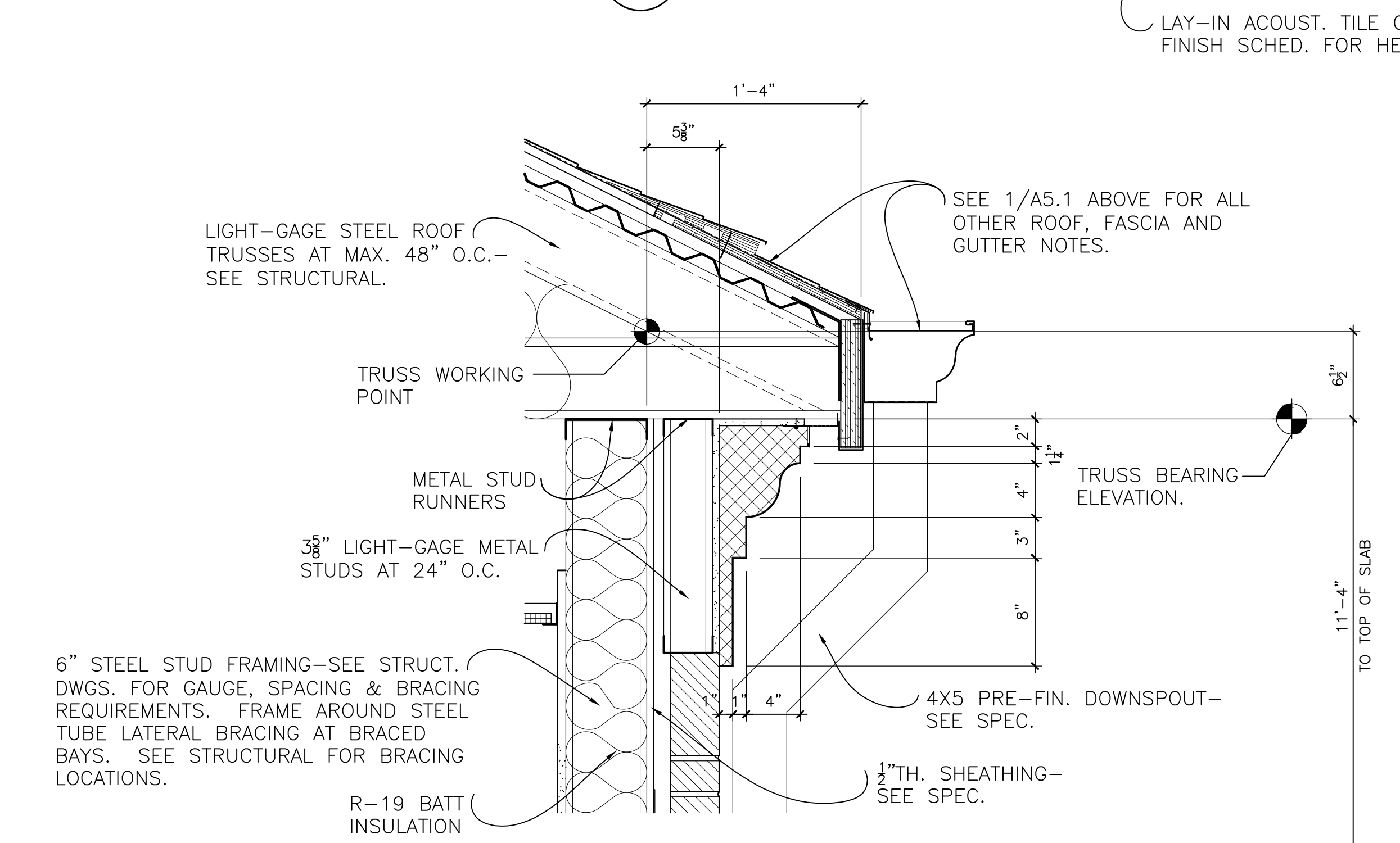


2 SECTION thru EAVE at SIDEWALL of LOW ROOF
 A5.1 SCALE: 1 1/2" = 1'-0"

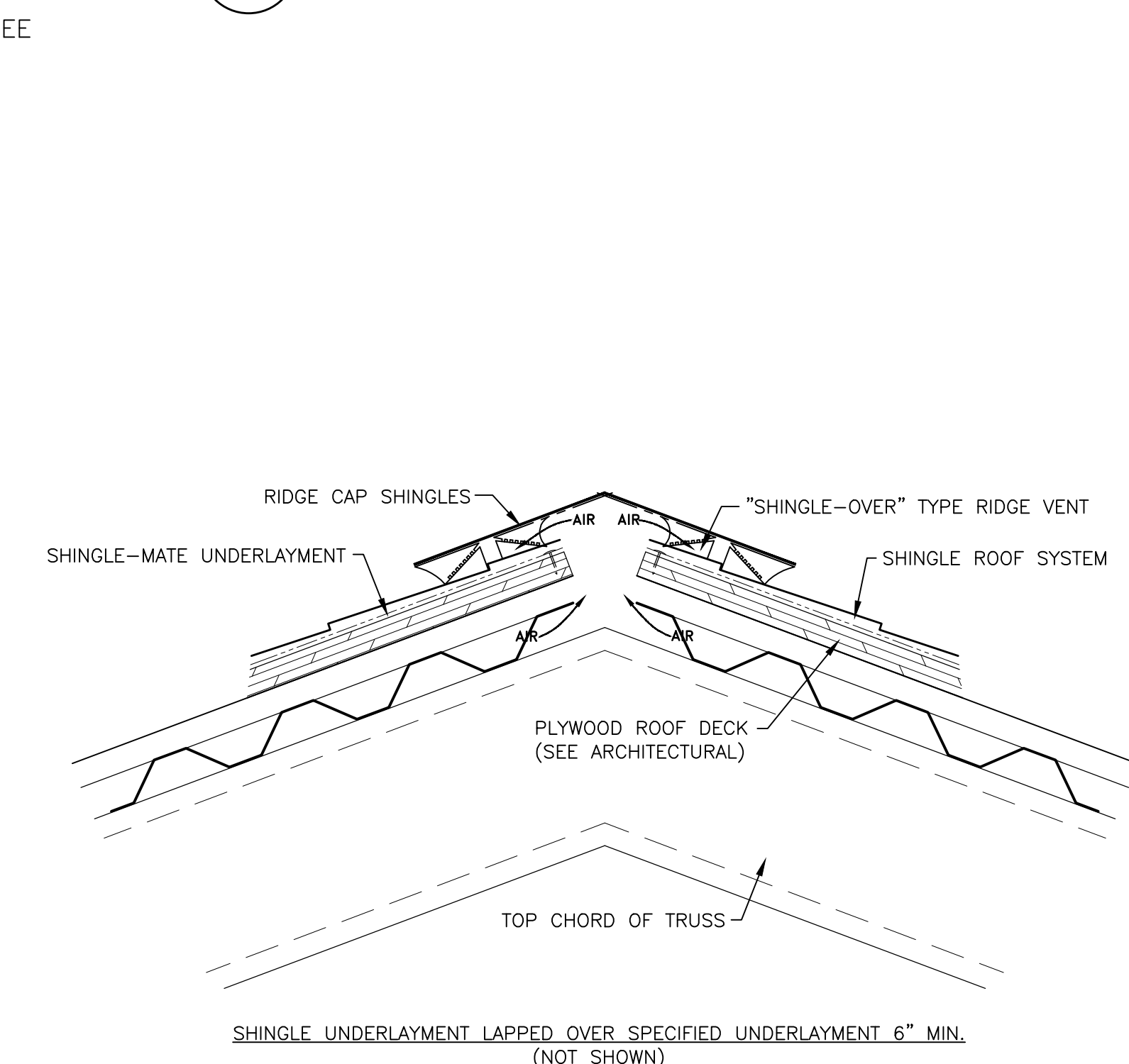


3 SECTION thru EAVE at END WALL GABLE
 A5.1 SCALE: 1 1/2" = 1'-0"

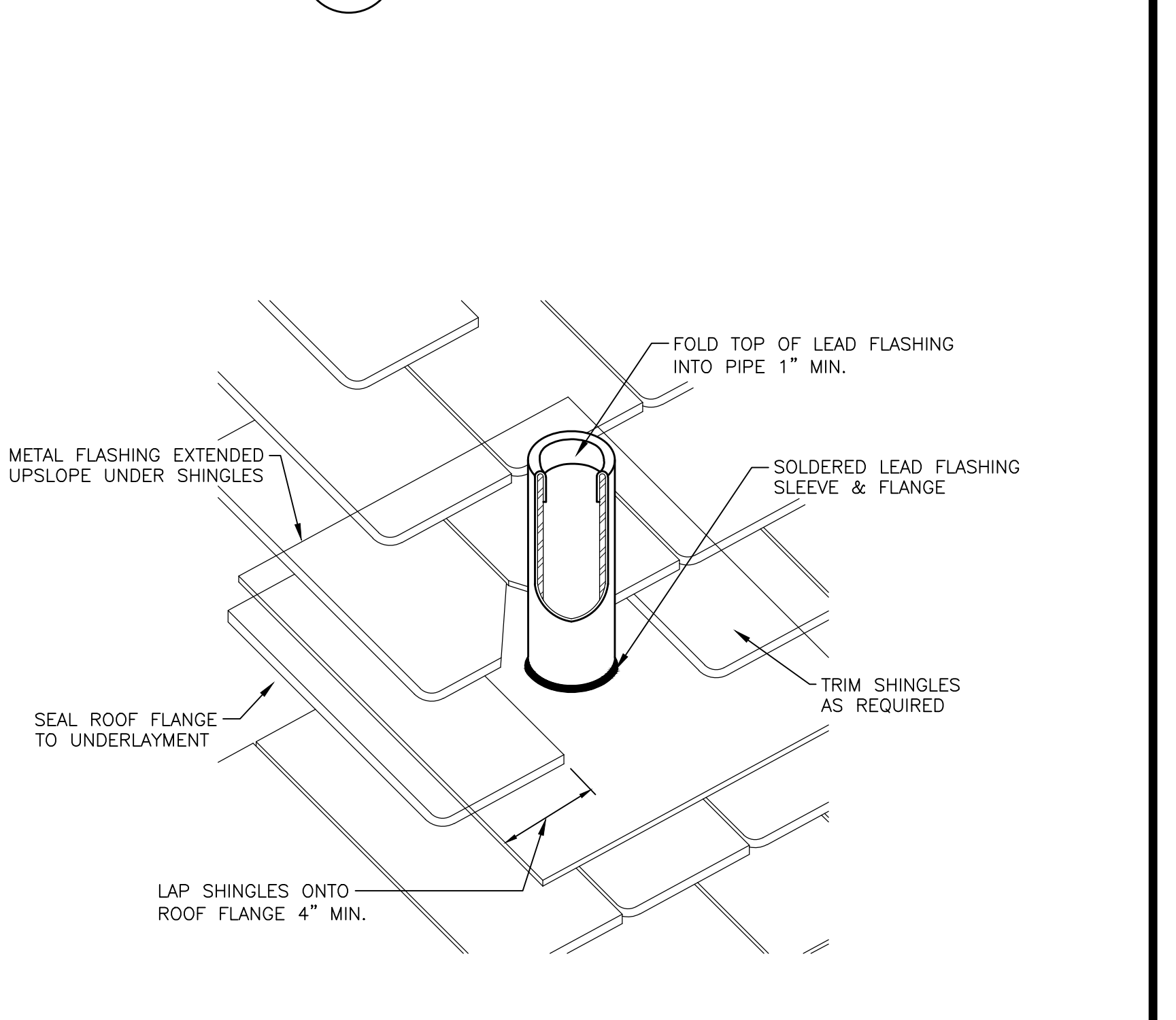
NOTE:
 UNLESS NOTED OR DIMENSIONED
 OTHERWISE, ALL PORTIONS OF
 THESE SECTIONS ABOVE THIS LINE
 ARE SIMILAR TO SECTION 1/A5.1



4 SECTION thru SIDE WALL at COUNCIL ENTRY
 A5.1 SCALE: 1 1/2" = 1'-0"

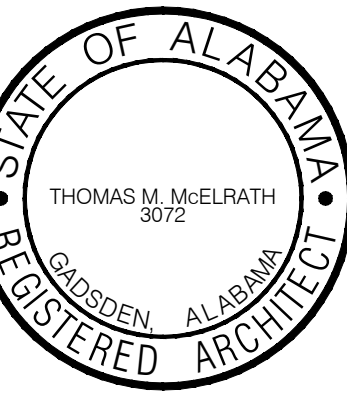
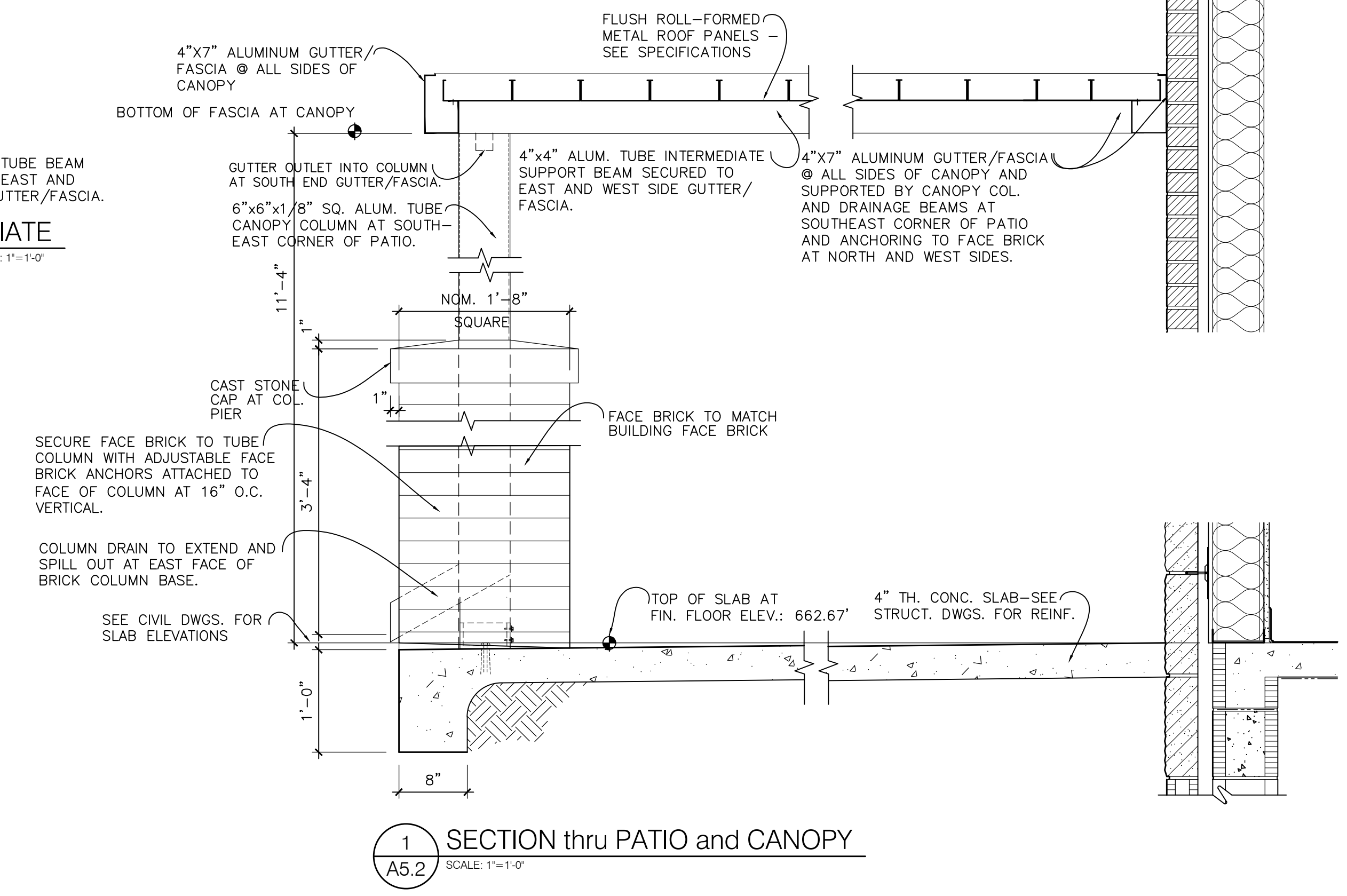
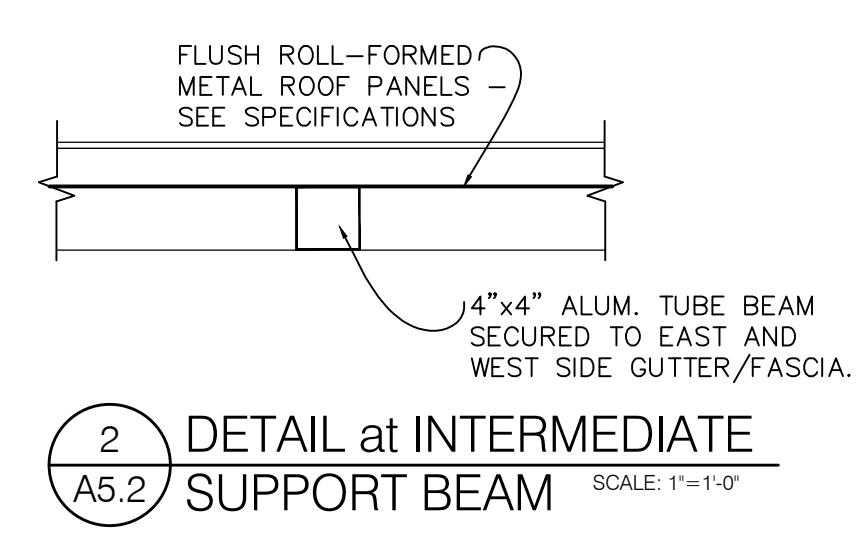
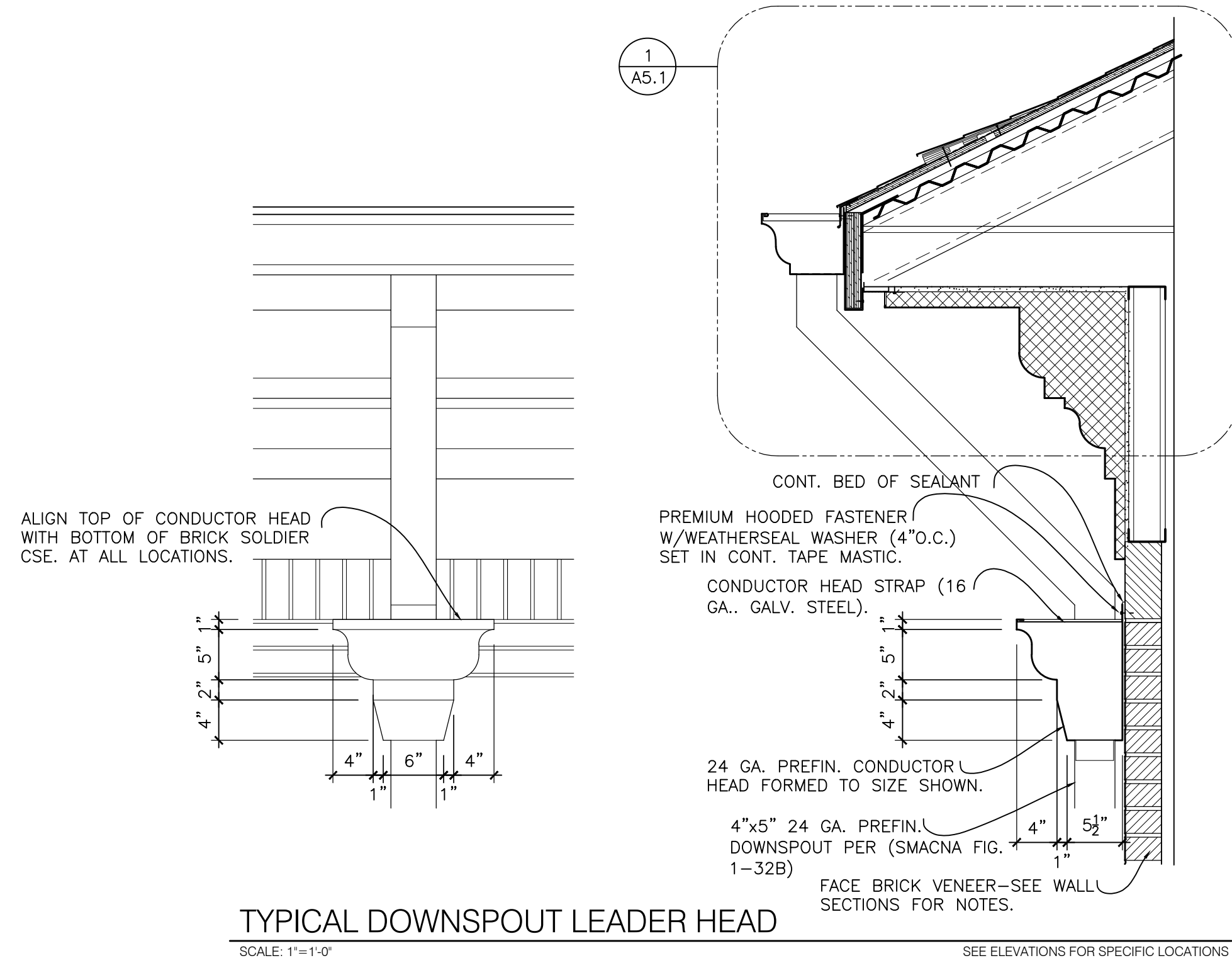


5 TYPICAL ROOF-OVER VENTING RIDGE CAP
 A5.1 SCALE: 3" = 1'-0"



6 VENT/PIPE PENETRATION FLASHING
 A5.1 SCALE: 3" = 1'-0"

LAY-IN ACOUST. TILE CEILING-SEE
 FINISH SCHED. FOR HEIGHT.



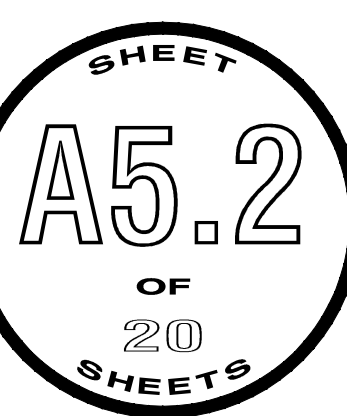
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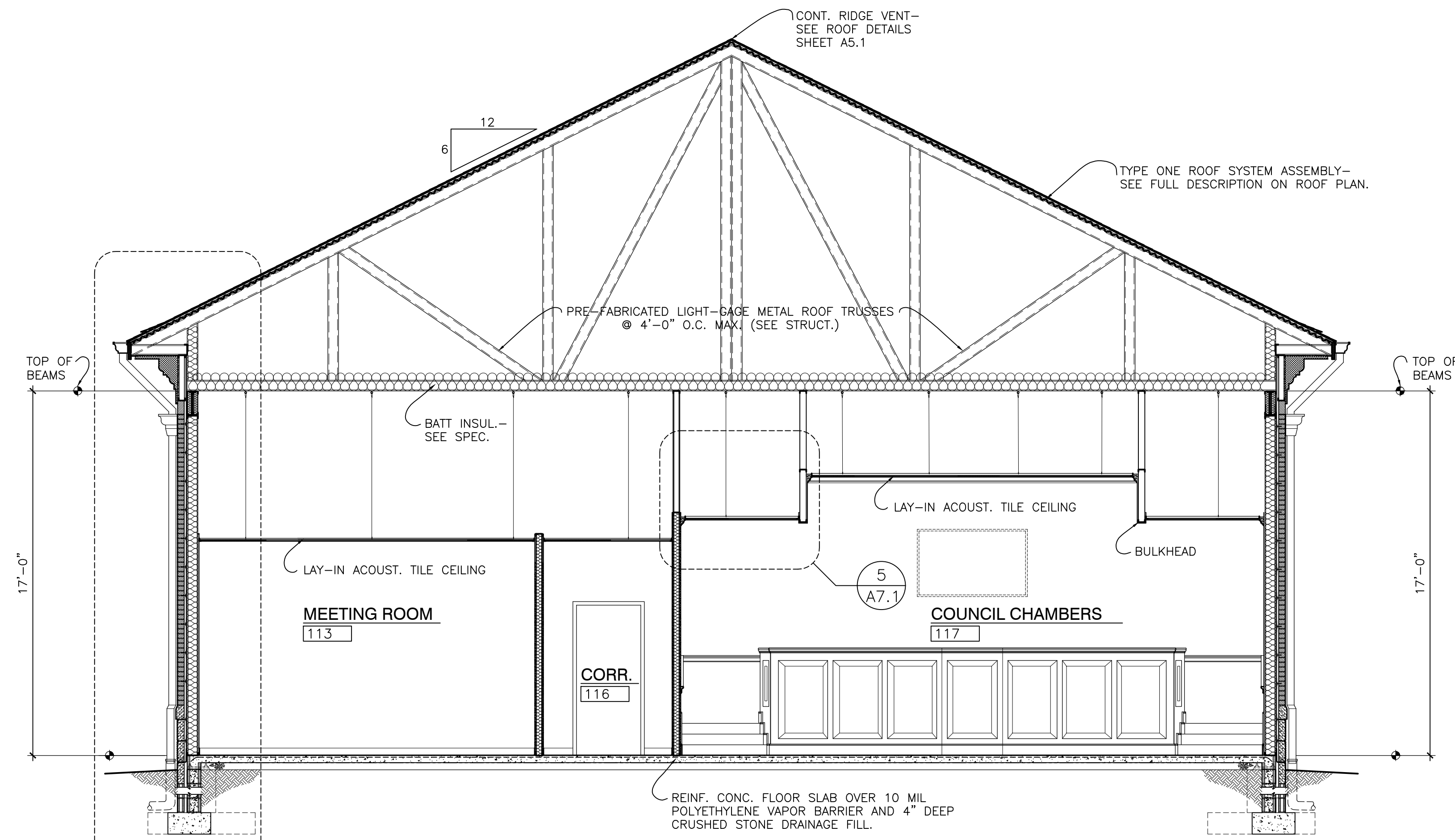
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CITY OF CENTRE, ALABAMA
350 E. MAIN STREET

CANOPY
DETAILS

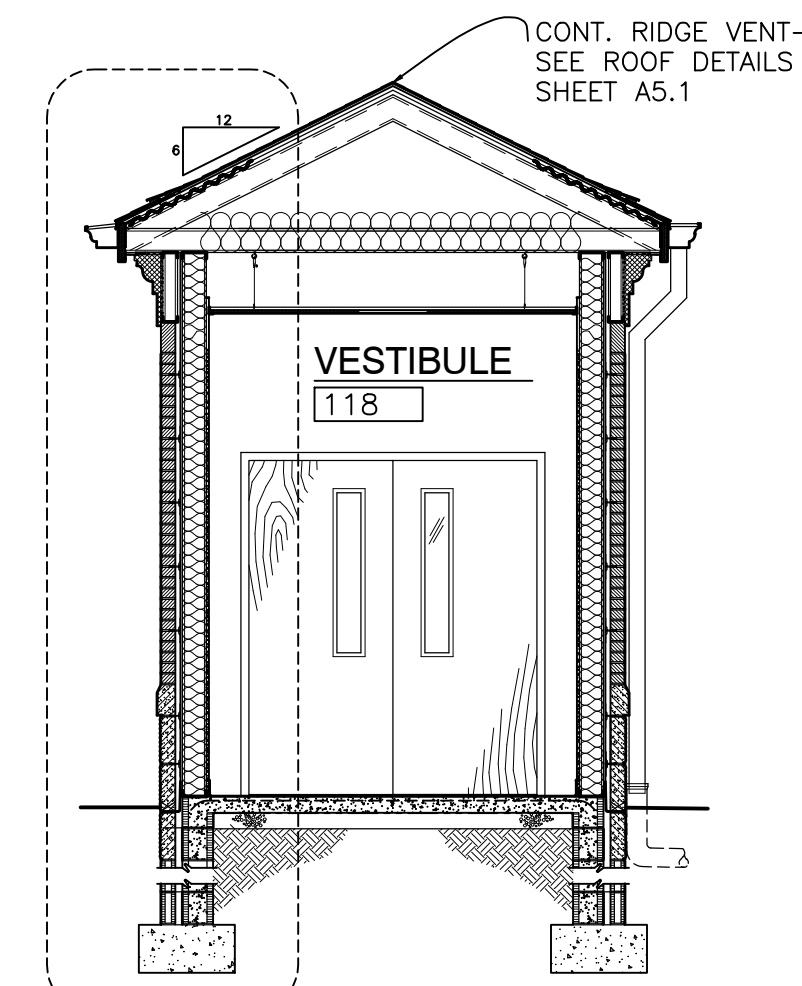
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DATE	FEBRUARY 28, 2024
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JOB NO.	22-06
REVISIONS	



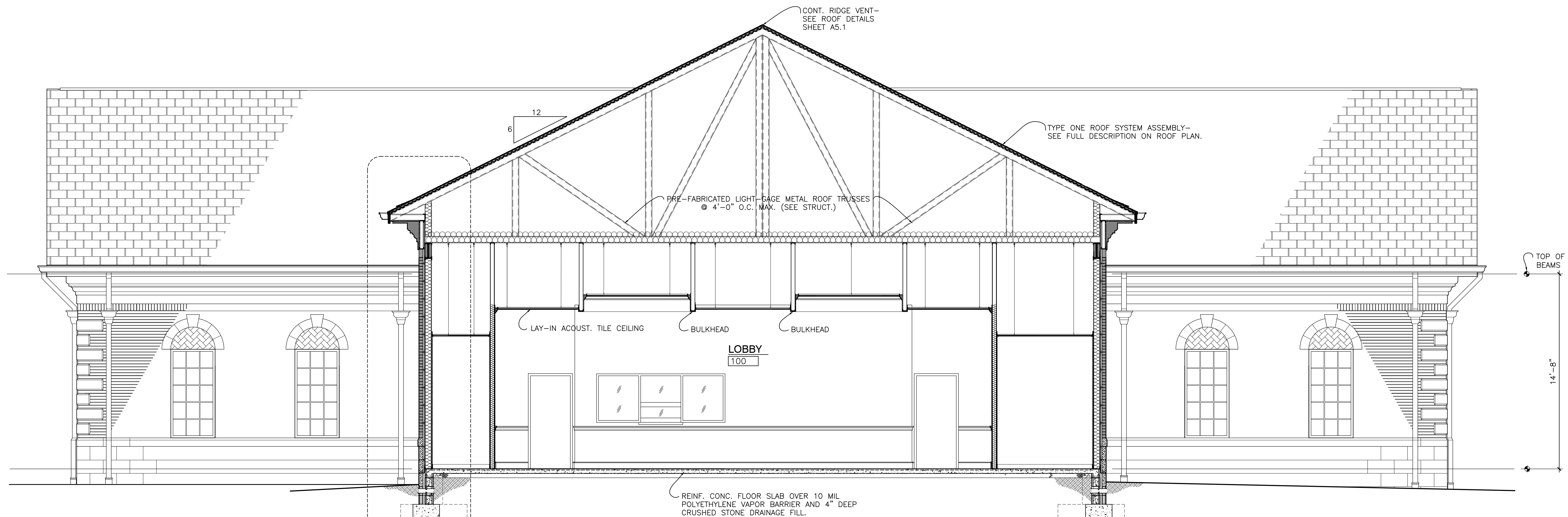
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CHECKED	TMM
SCALE	AS NOTED
DATE	FEBRUARY 28, 2024
FILE	A6.0 CS1.dwg
JOB NO.	22-06
REVISIONS	



CROSS SECTION "A-A" through COUNCIL CHAMBERS
 SCALE: 1/4" = 1'-0"

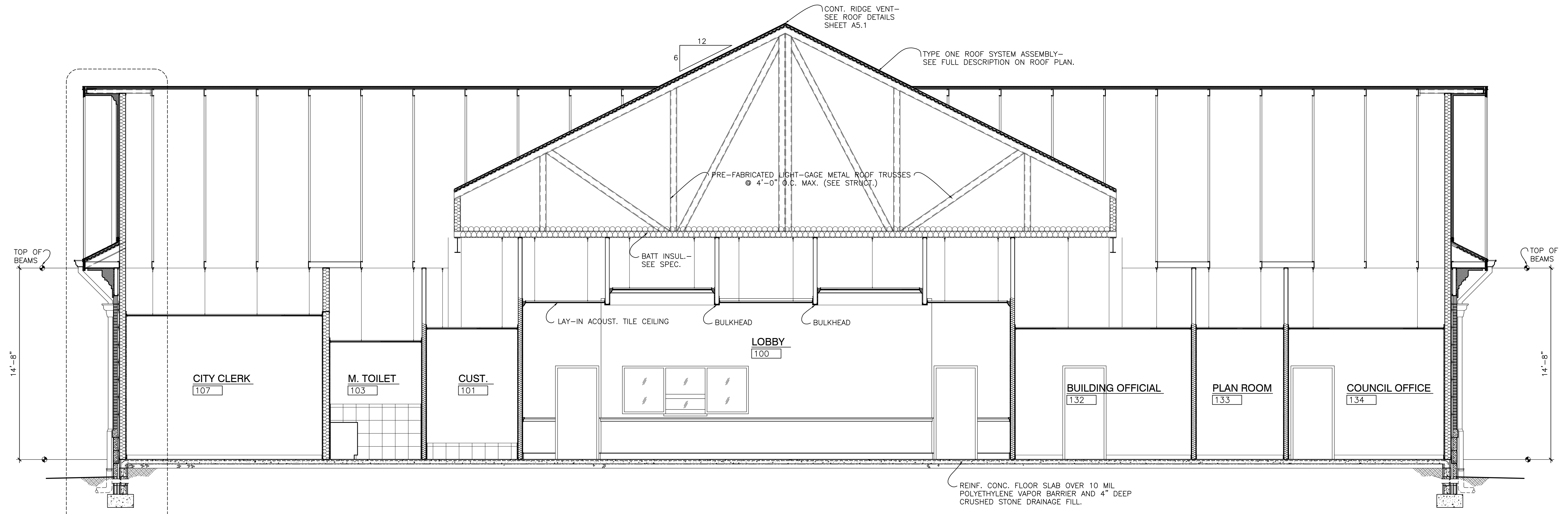


CROSS SECTION "B-B" through COUNCIL ENTRY
 SCALE: 1/4" = 1'-0"

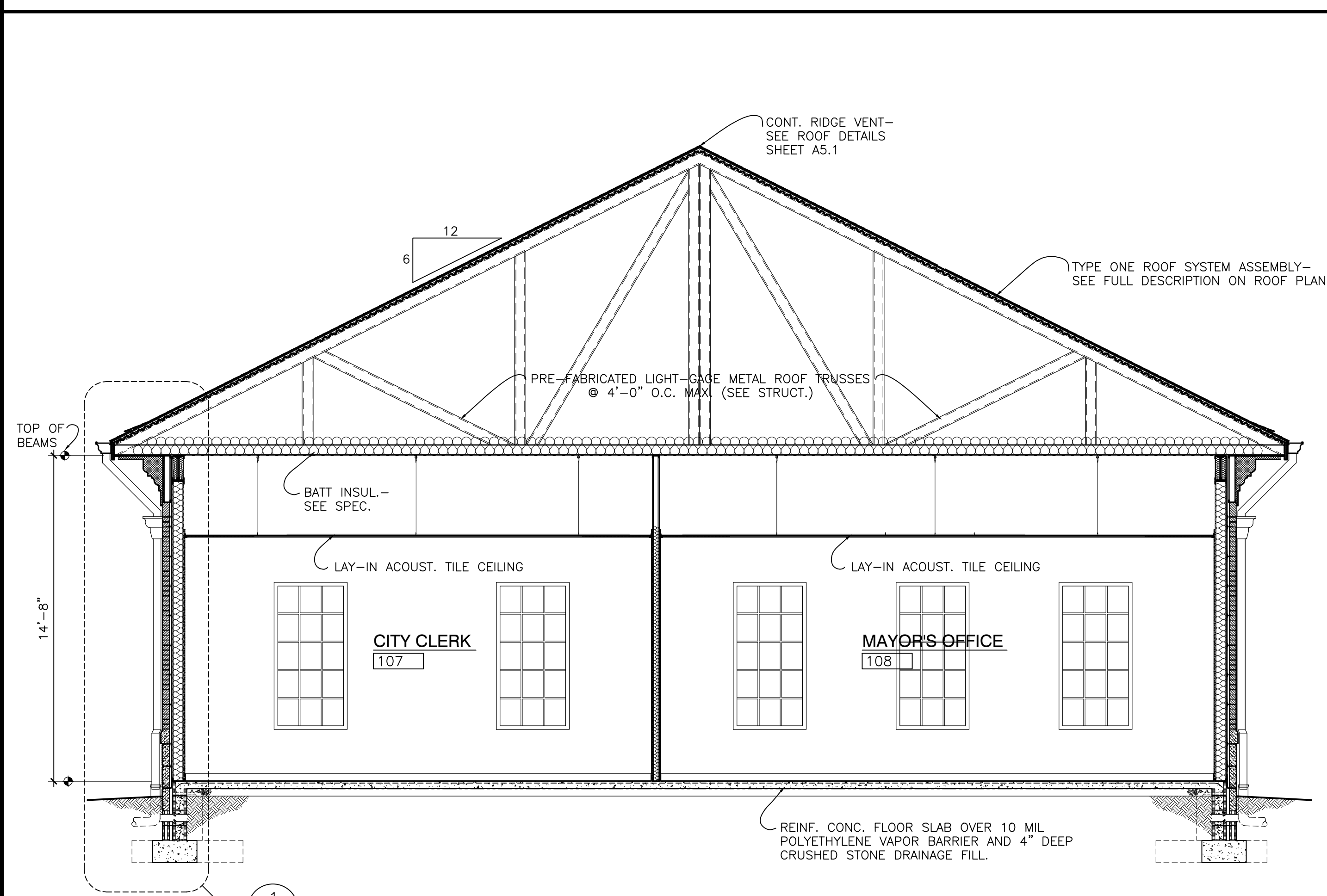


CROSS SECTION "C-C" through ENTRANCE LOBBY
 SCALE: 1/4" = 1'-0"

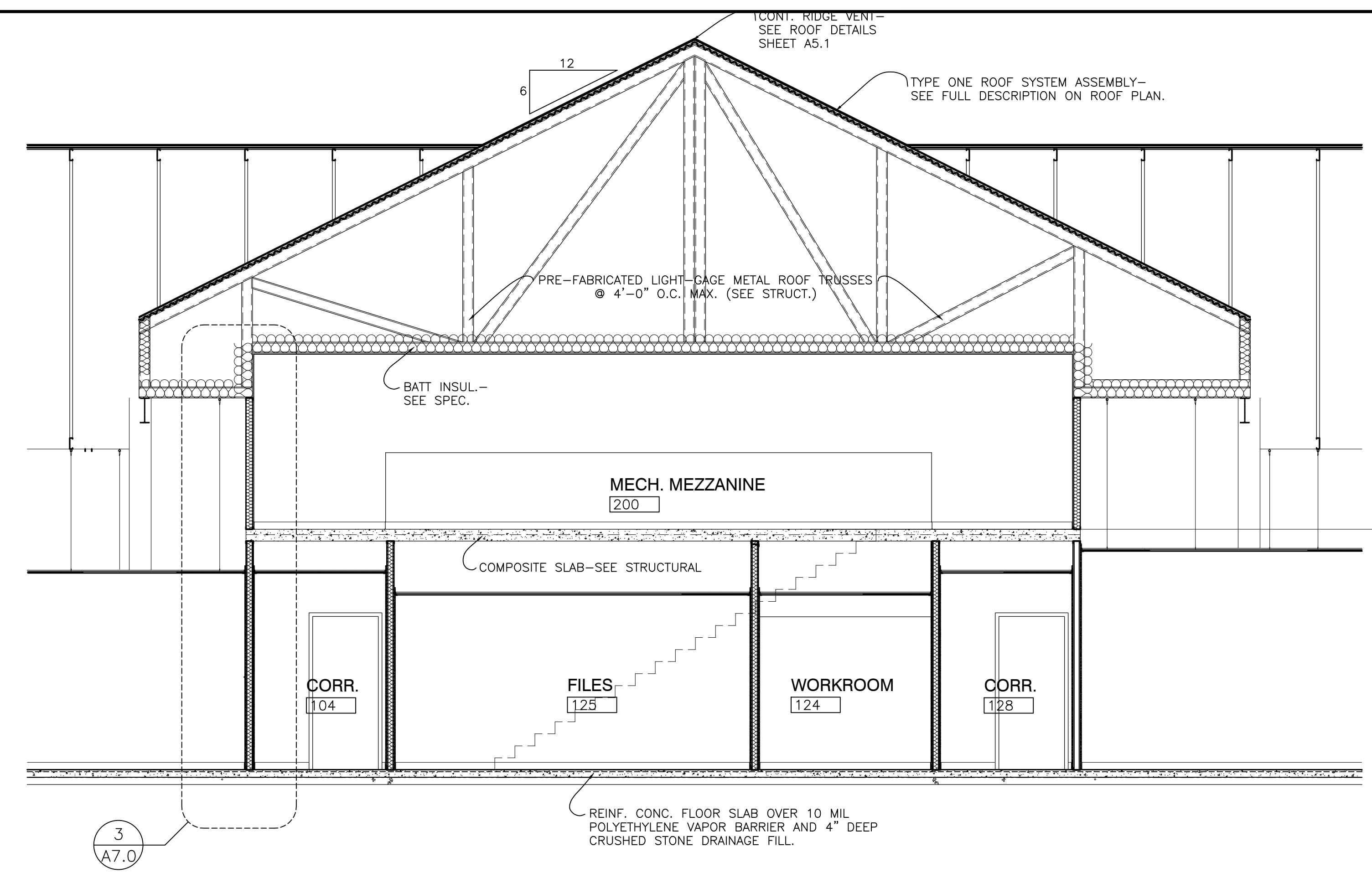
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SCALE	AS NOTED
DATE	FEBRUARY 28, 2024
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JOB NO.	22-06
REVISIONS	



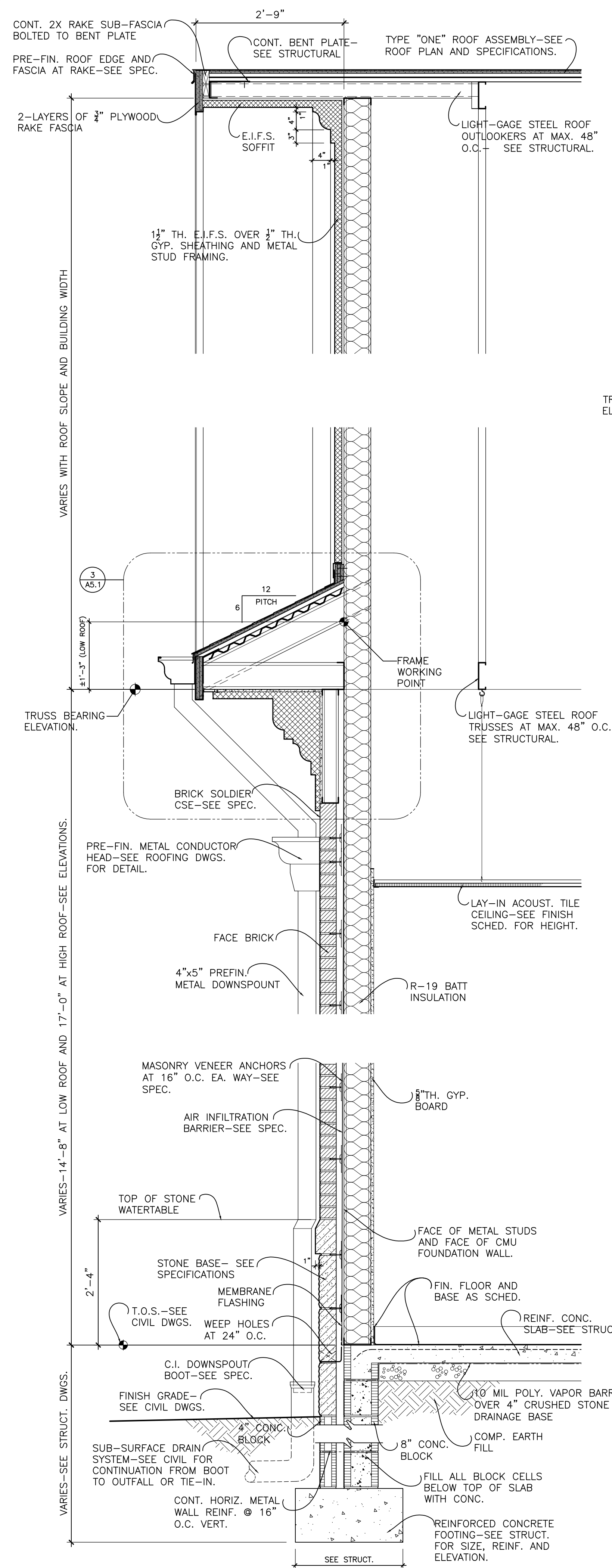
CROSS SECTION "D-D" through LOBBY and EAST-WEST AXIS WINGS
 SCALE: 1/4" = 1'-0"



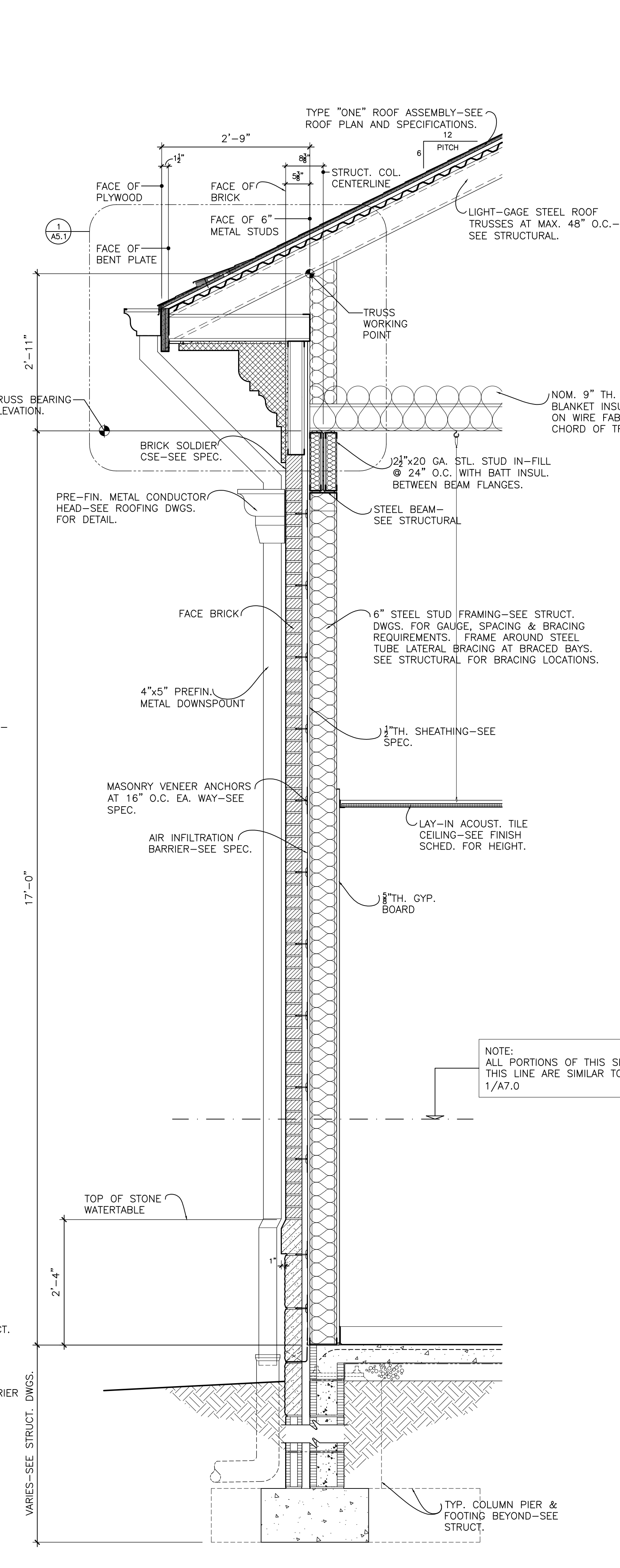
CROSS SECTION "E-E" through EAST WING
 SCALE: 1/4" = 1'-0" (WEST WING SIMILAR but OPP. HAND)



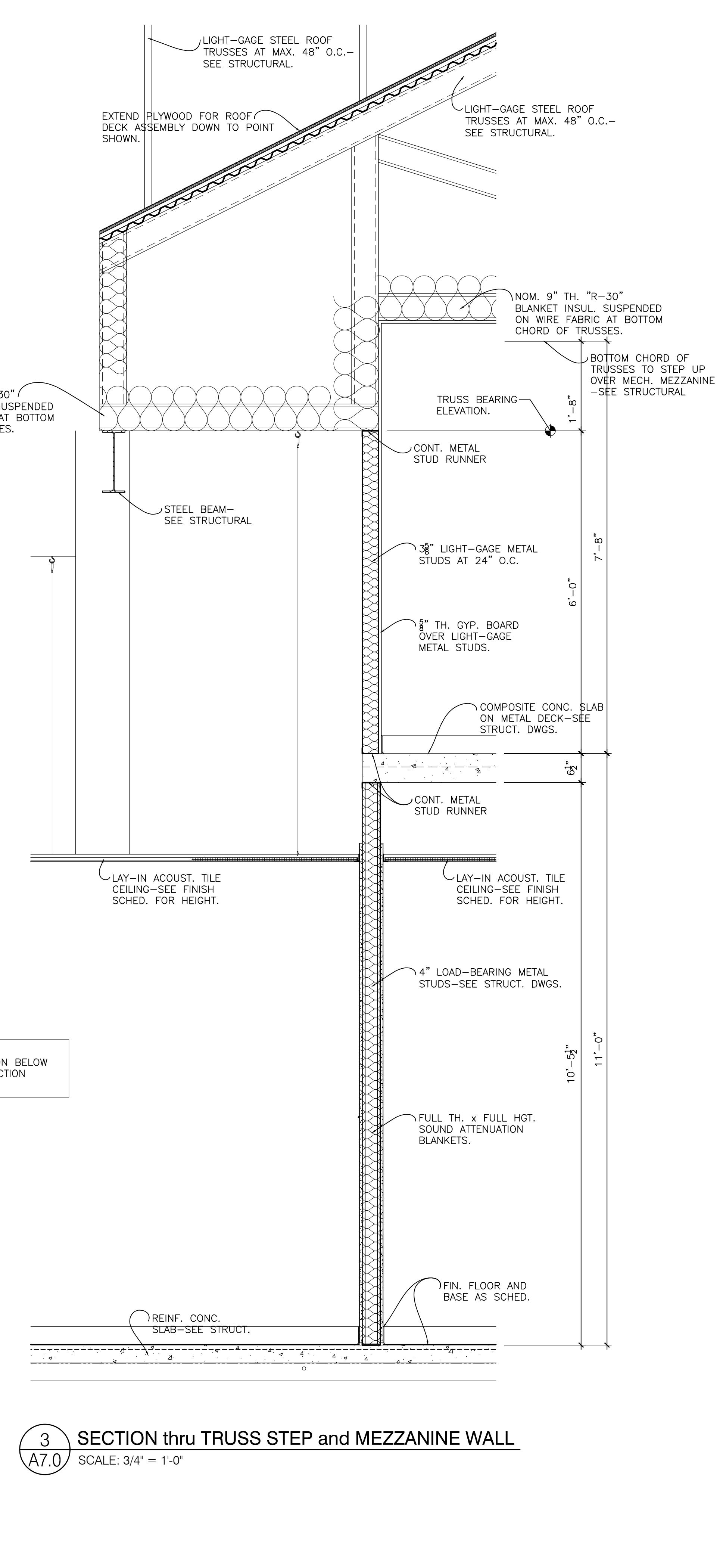
CROSS SECTION "F-F" through MECHANICAL MEZZANINE
 SCALE: 1/4" = 1'-0"



1 SECTION thru TYPICAL END WALL and GABLE
A7.0 SCALE: 3/4" = 1'-0"

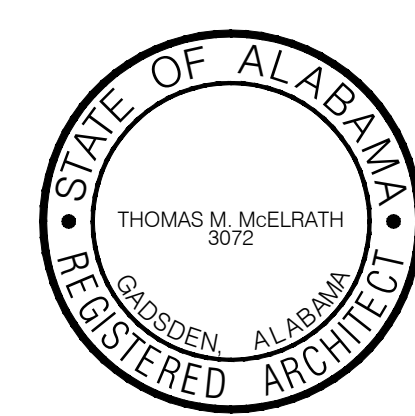


2 SECTION thru TYPICAL HIGH ROOF SIDE WALL
A7.0 SCALE: 3/4" = 1'-0"



3 SECTION thru TRUSS STEP and MEZZANINE WALL
A7.0 SCALE: 3/4" = 1'-0"

NOTE:
ALL PORTIONS OF THIS SECTION BELOW
THIS LINE ARE SIMILAR TO SECTION
1/A7.0



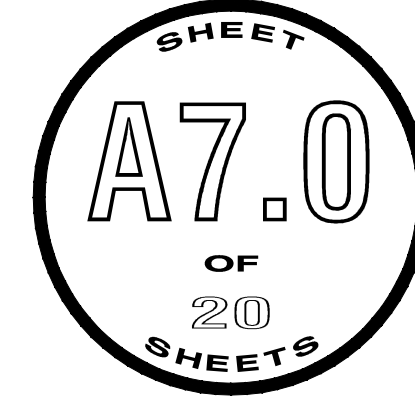
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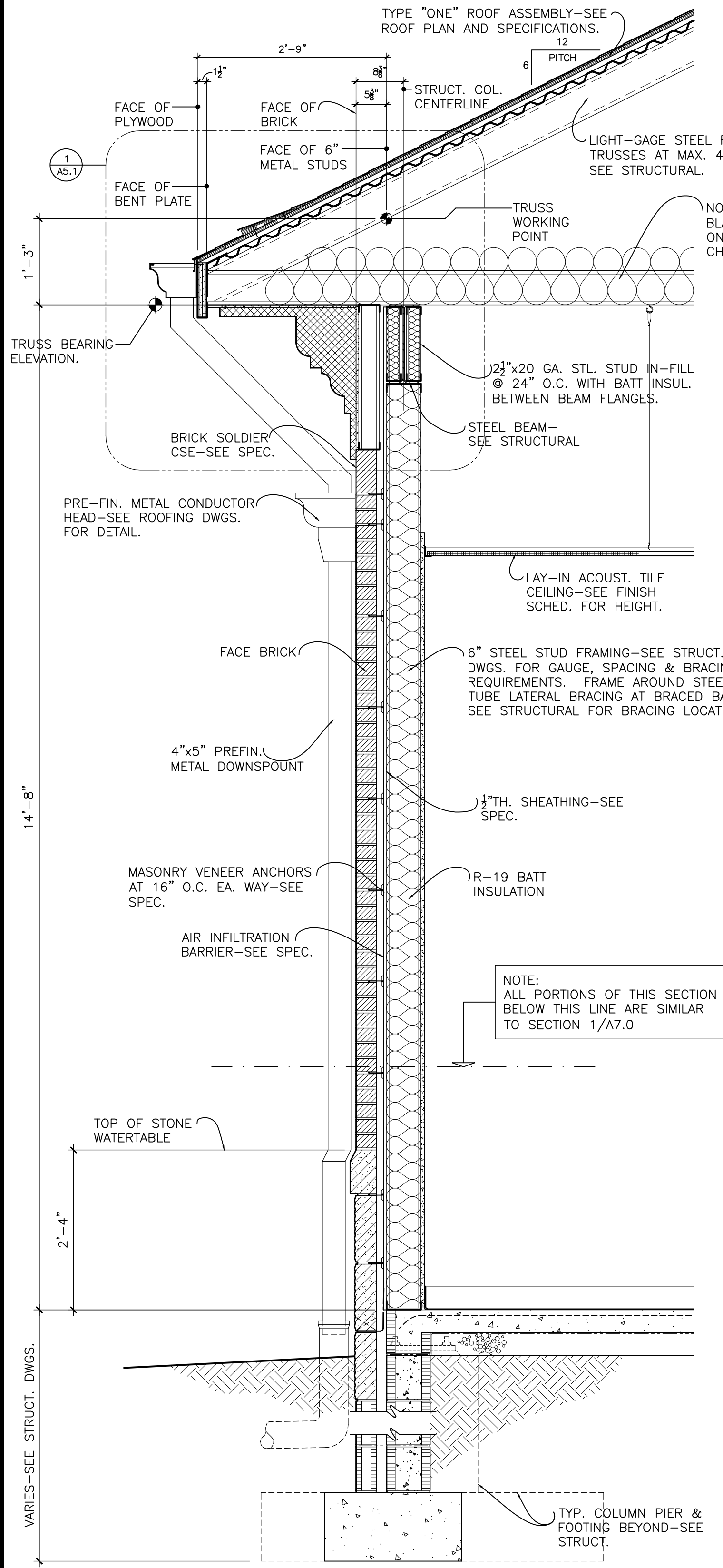
WALL SECTIONS

SHEET ONE

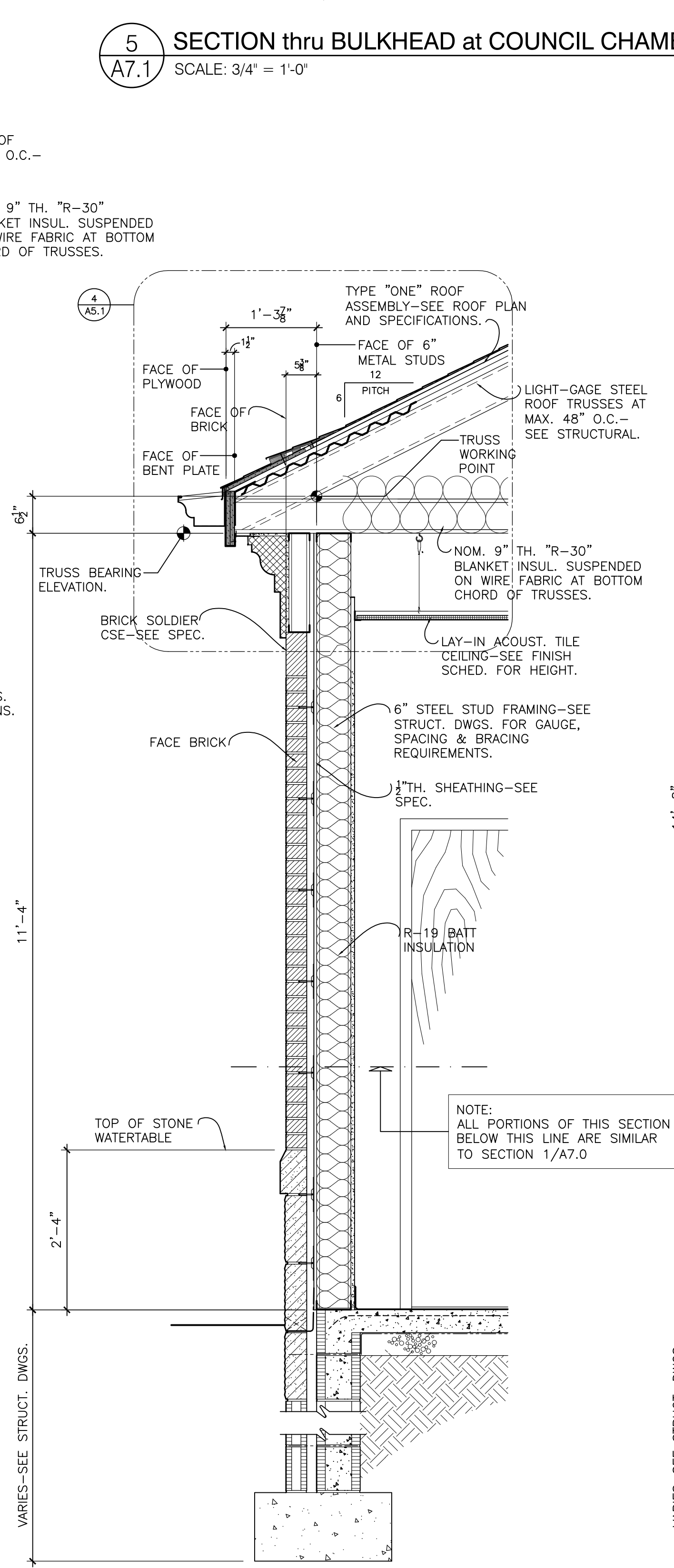
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JOB NO.	22-06
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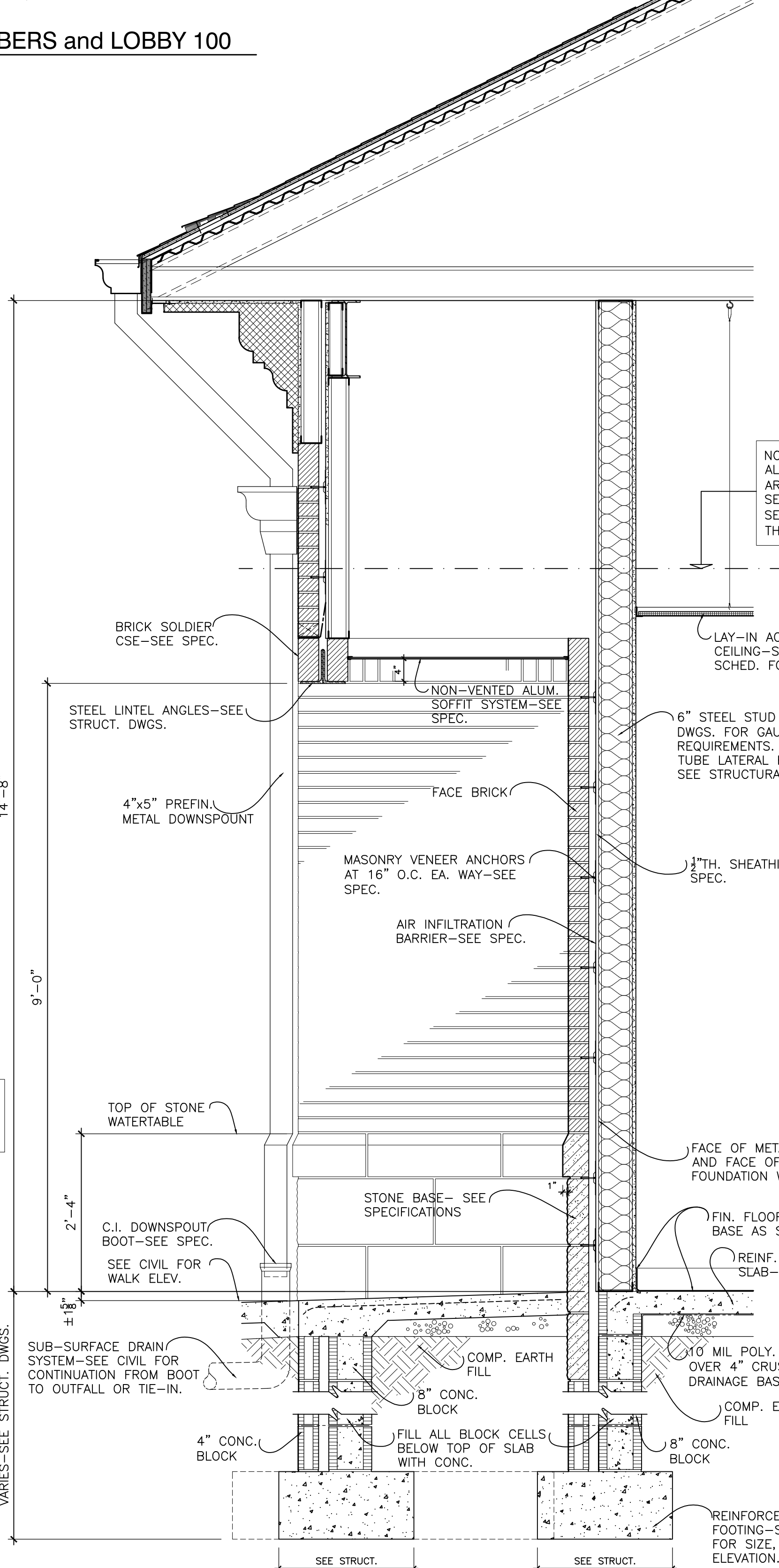
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JOB NO.	22-06
REVISIONS	



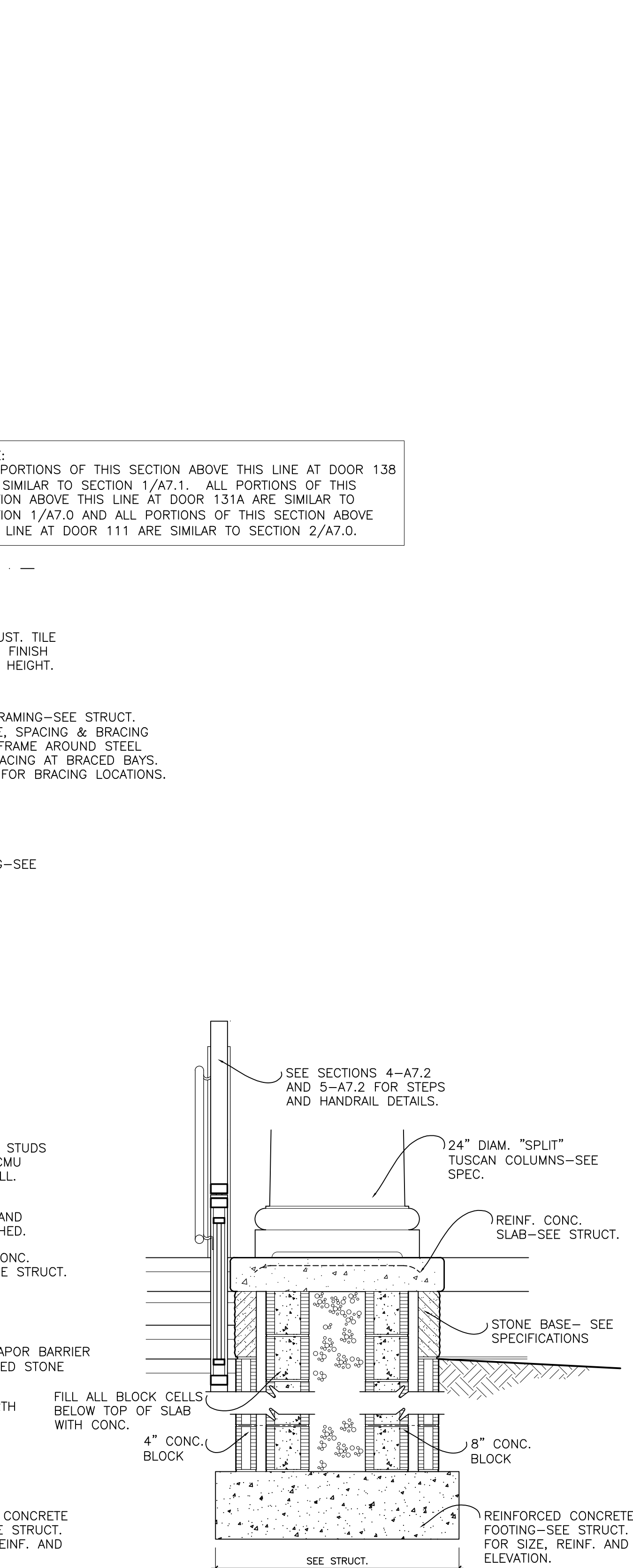
1 SECTION thru TYPICAL LOW ROOF SIDE WALL
 A7.1 SCALE: 3/4" = 1'-0"



2 SECTION thru SIDE WALL at COUNCIL ENTRANCE
 A7.1 SCALE: 3/4" = 1'-0"

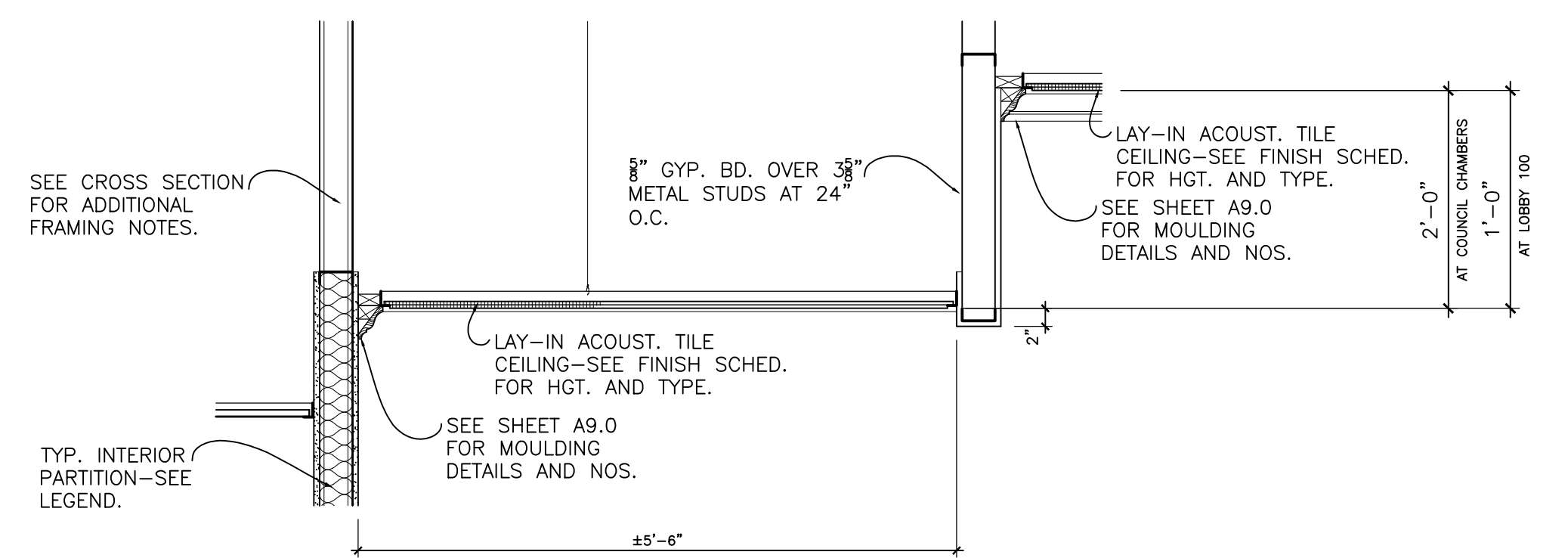


3 SECTION thru RECESSED ENTRY at DOOR 138
 A7.1 SCALE: 3/4" = 1'-0" DOORS 111 and 131A SIMILAR

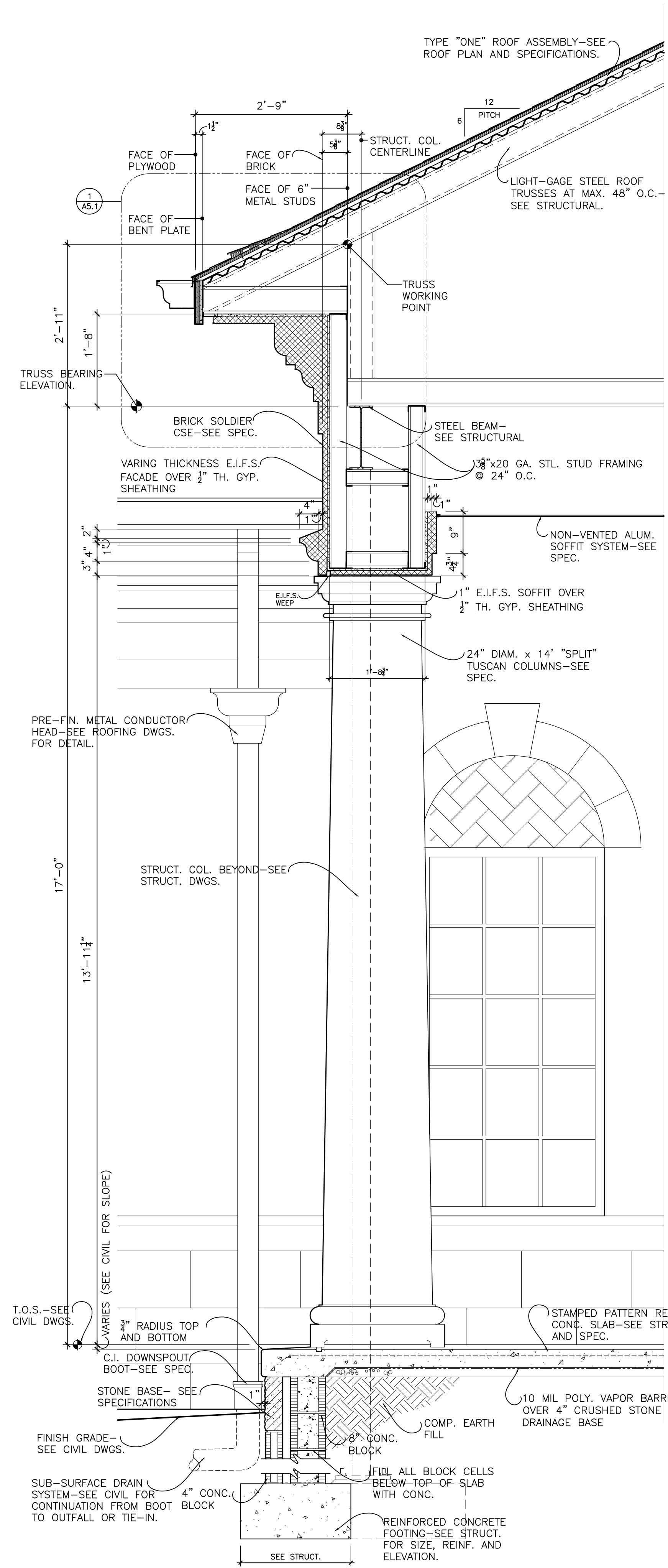


4 SECTION thru SIDE of MAIN ENTRANCE STEPS
 A7.1 SCALE: 3/4" = 1'-0"

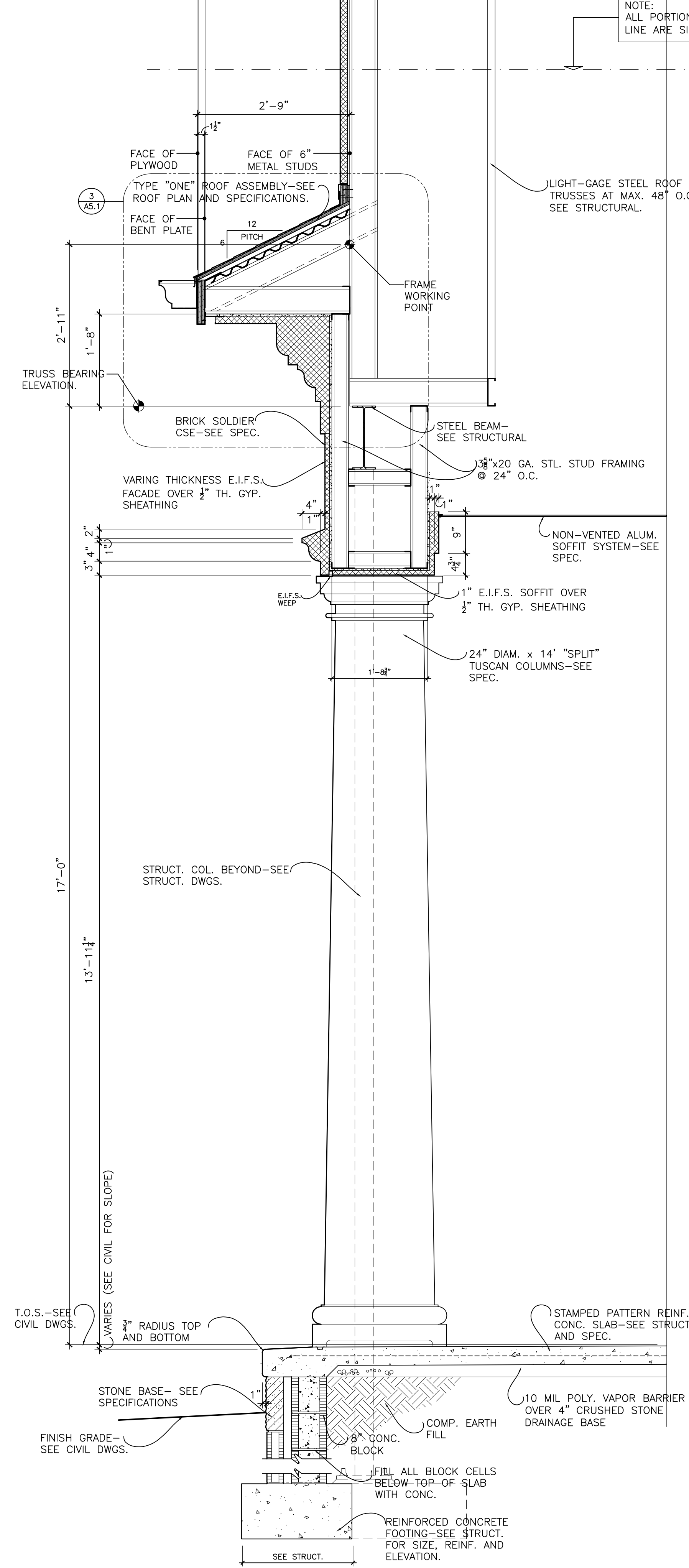
5 SECTION thru BULKHEAD at COUNCIL CHAMBERS and LOBBY 100
 A7.1 SCALE: 3/4" = 1'-0"



NOTE:
 ALL PORTIONS OF THIS SECTION ABOVE THIS LINE AT DOOR 138
 ARE SIMILAR TO SECTION 1/A7.1. ALL PORTIONS OF THIS
 SECTION ABOVE THIS LINE AT DOOR 131A ARE SIMILAR TO
 SECTION 1/A7.0 AND ALL PORTIONS OF THIS SECTION ABOVE
 THIS LINE AT DOOR 111 ARE SIMILAR TO SECTION 2/A7.0.

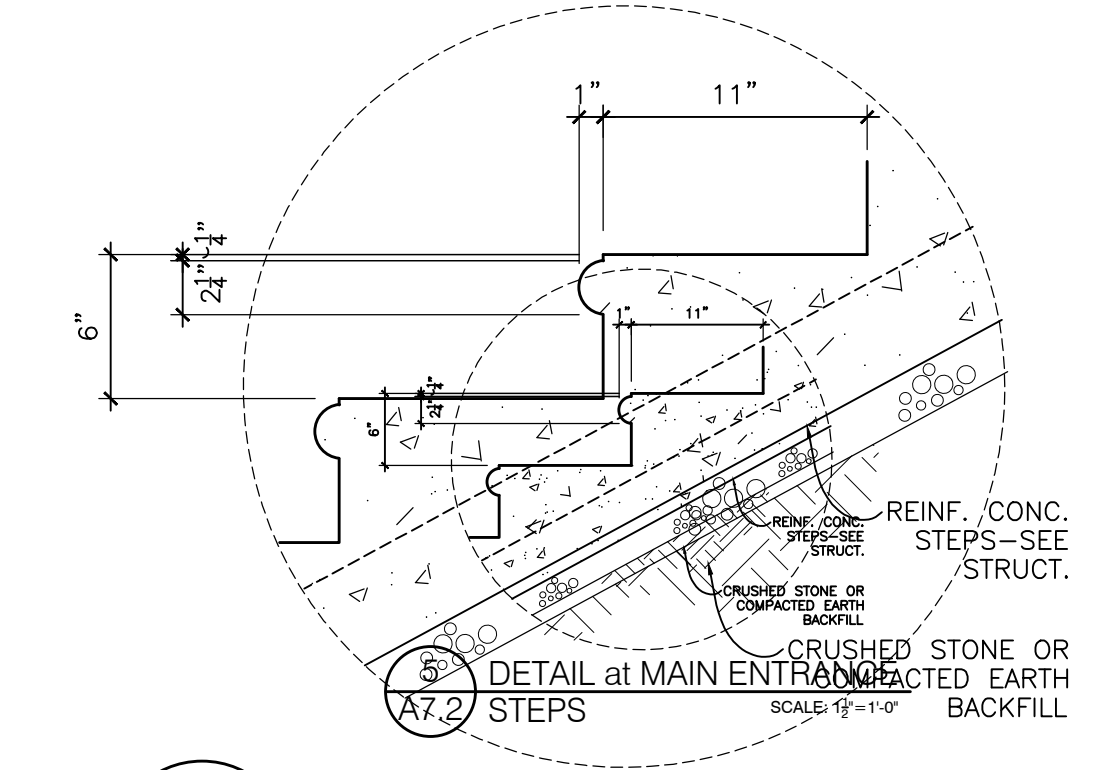


1 SECTION thru EAST END of MAIN ENTRANCE PORCH
A7.2 SCALE: 3/4" = 1'-0"

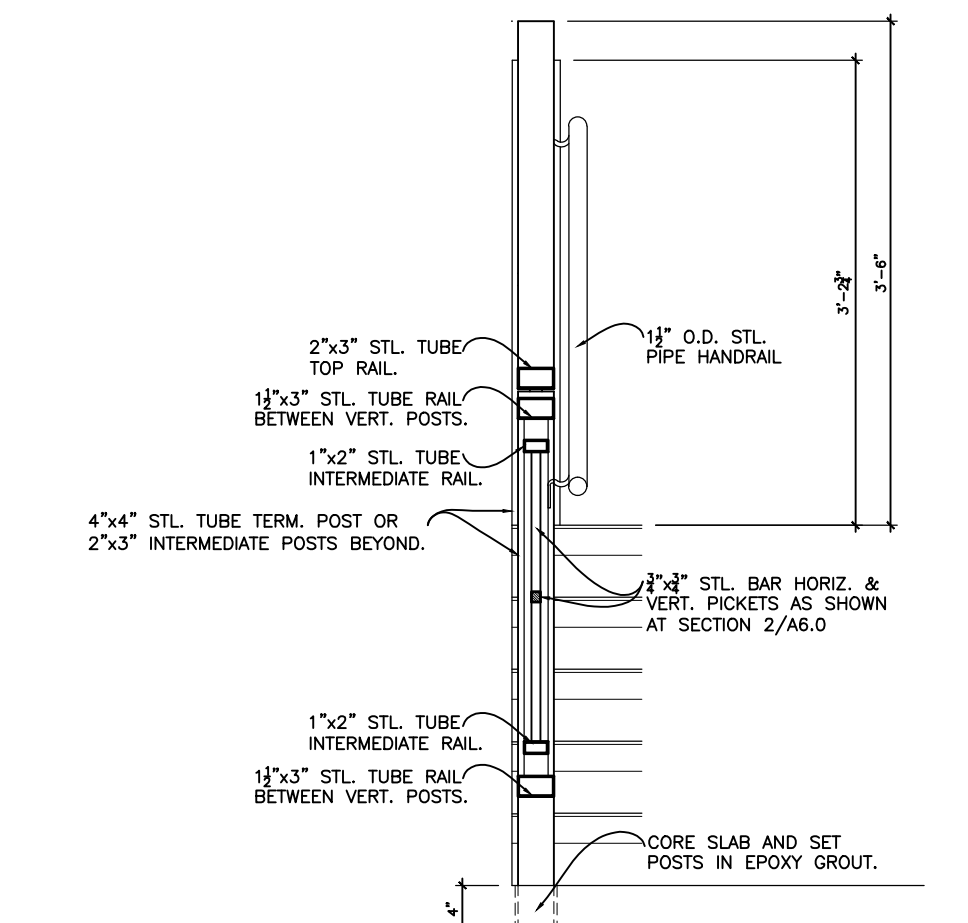


2 SECTION thru FRONT GABLE of MAIN ENTRANCE PORCH
A7.2 SCALE: 3/4" = 1'-0"

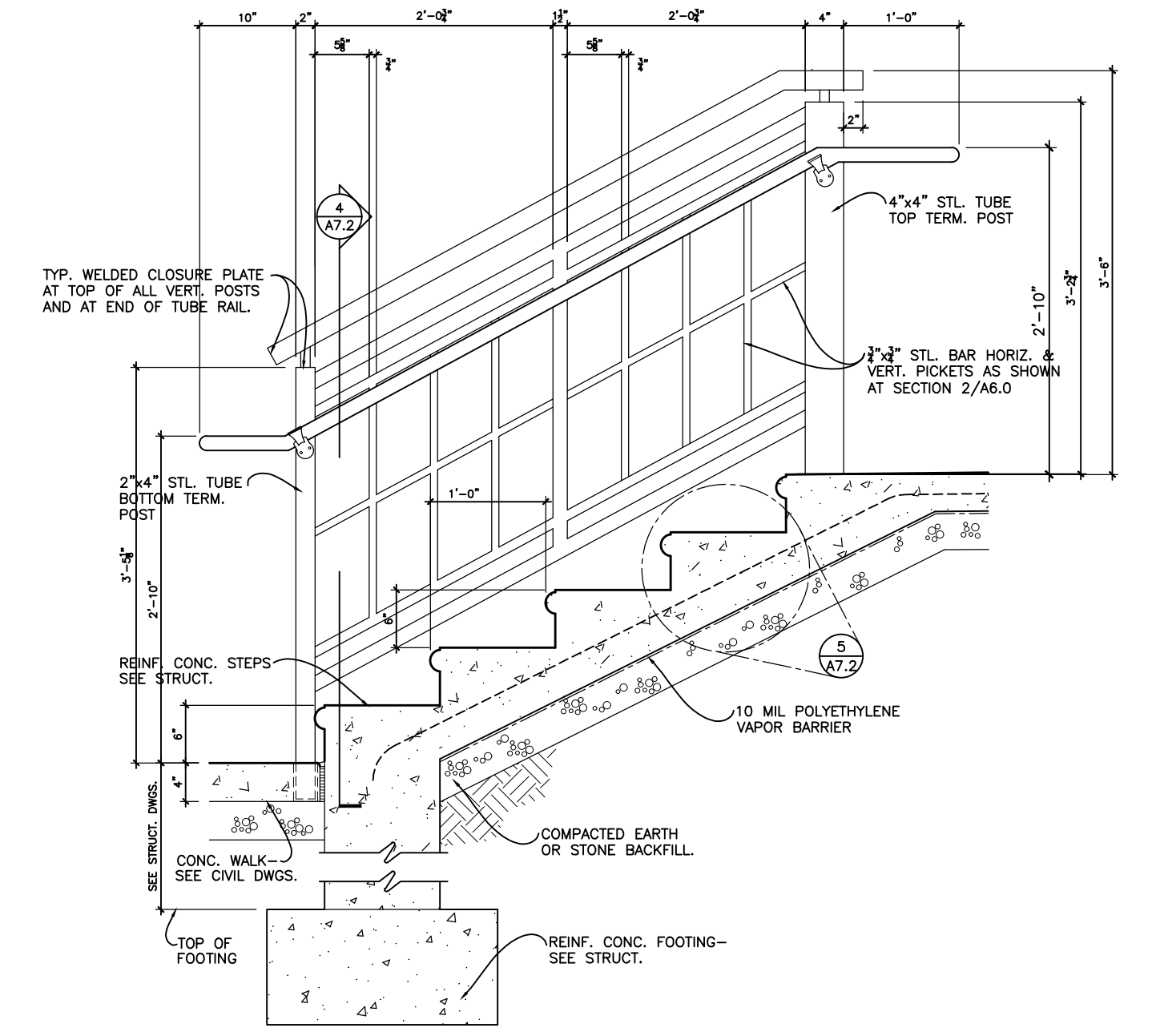
NOTE:
ALL PORTIONS OF THIS SECTION ABOVE THIS
LINE ARE SIMILAR TO SECTION 1/A7.0



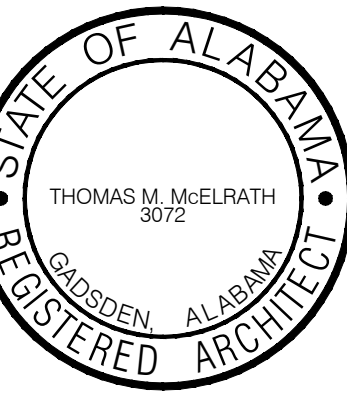
5 DETAIL at MAIN ENTRANCE STEPS
A7.2 SCALE: 1 1/2" = 1'-0"



4 SECTION thru RAILING at
A7.2 EA. SIDE of ENTRANCE STEPS
SCALE: 3/4" = 1'-0"



3 SECTION thru MAIN ENTRANCE STEPS
A7.2 SCALE: 3/4" = 1'-0"



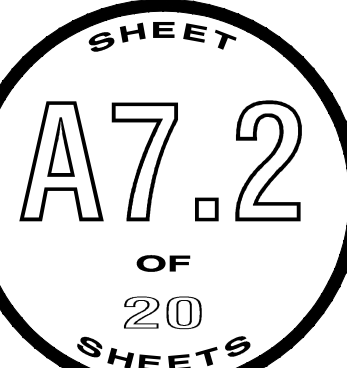
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A NEW CITY HALL
and
MUNICIPAL OFFICE FACILITY
for the
CITY OF CENTRE, ALABAMA
350 E. MAIN STREET

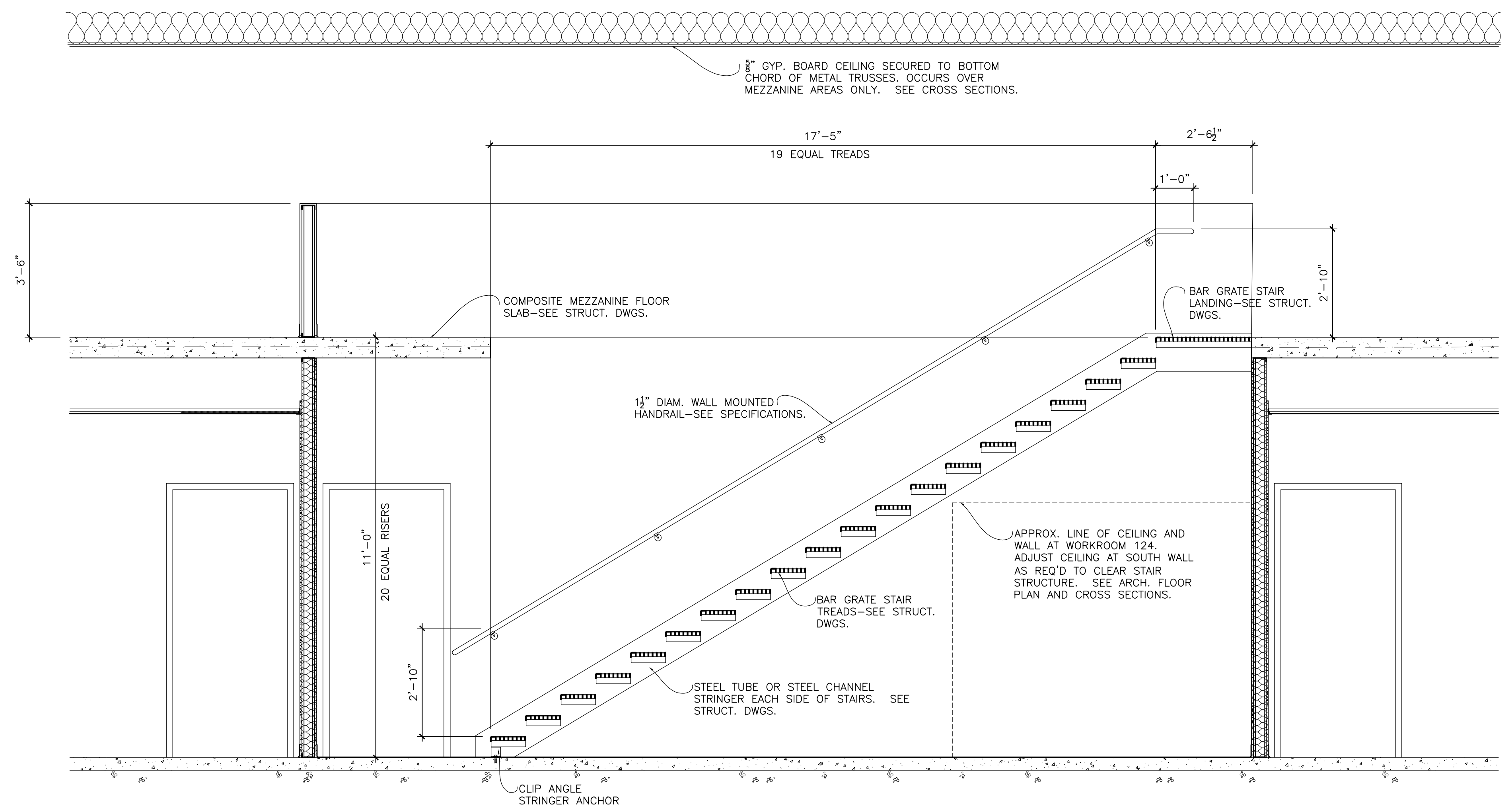
WALL SECTIONS

SHEET THREE

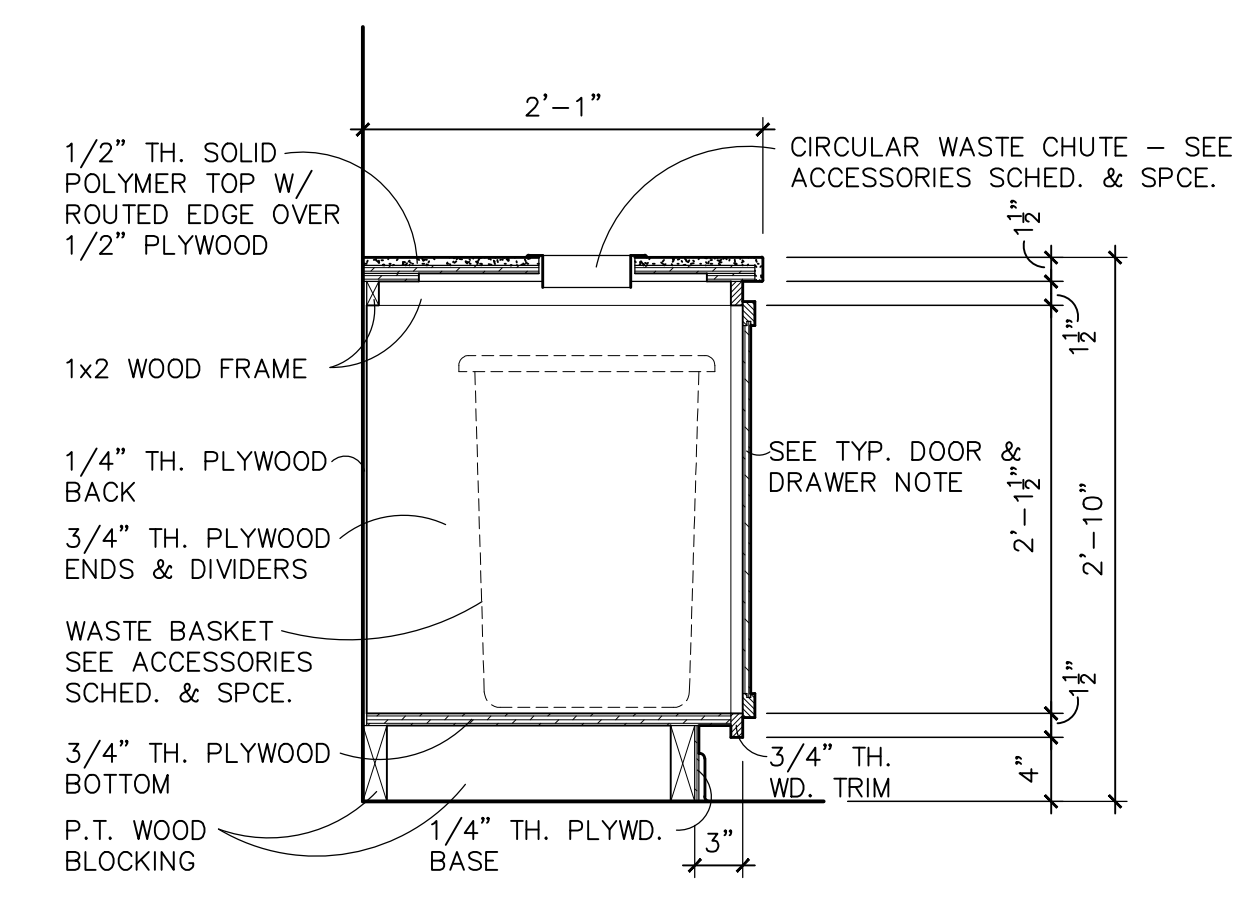
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JOB NO.	22-06
REVISIONS	



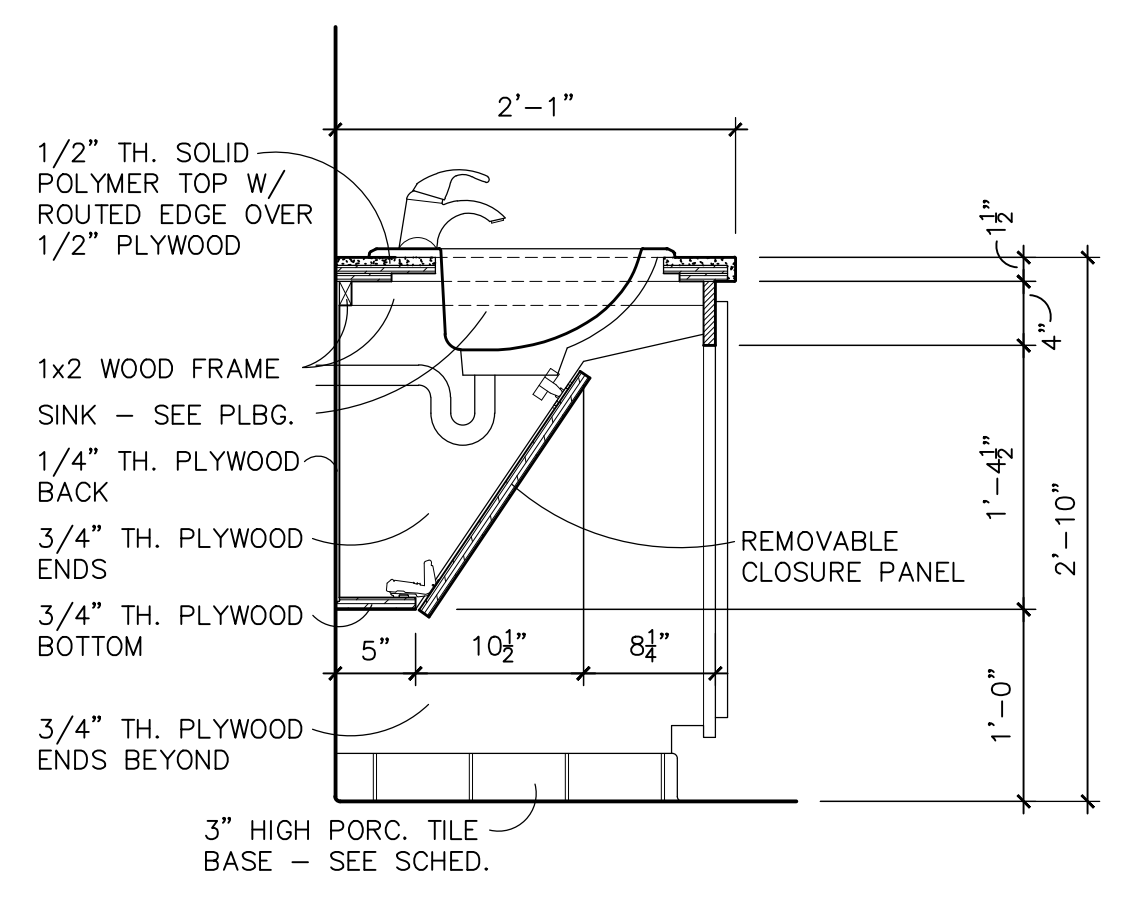
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REVISIONS	



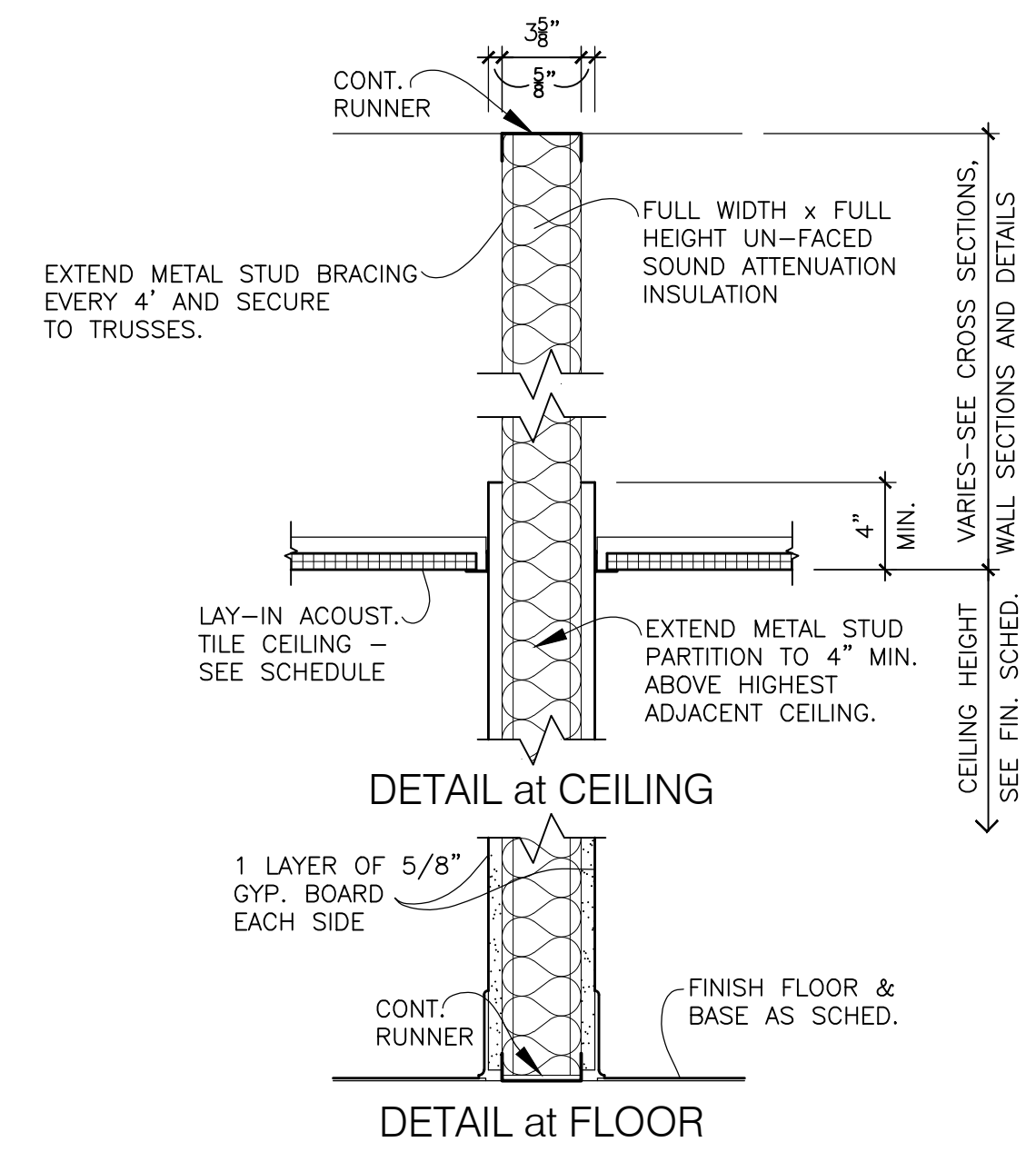
SECTION 5 thru MECHANICAL MEZZANINE ACCESS STAIRS
 SCALE: 1/2" = 1'-0" A8.0



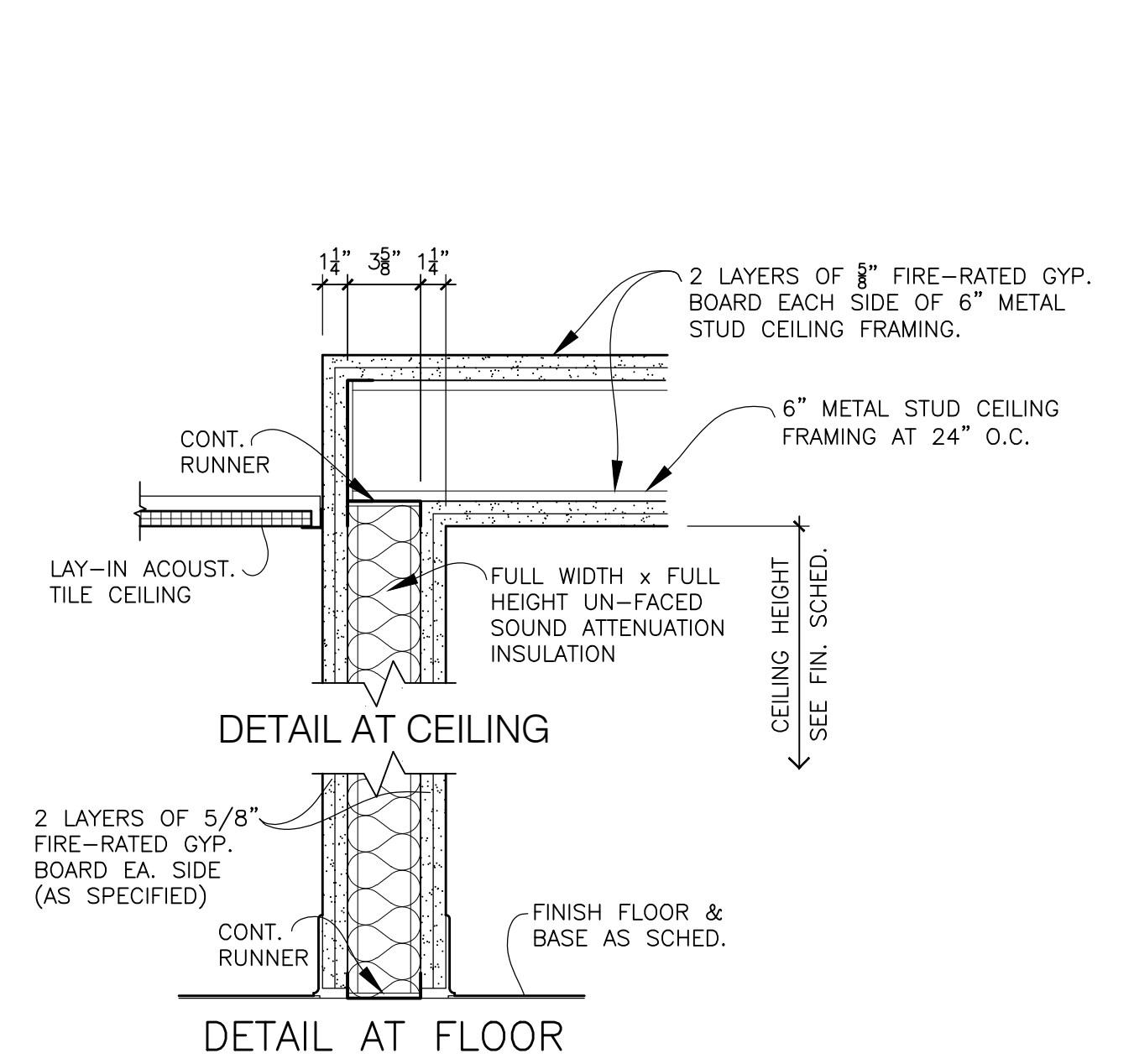
SECTION 1 thru TYPICAL BASE CABINET
 at WASTE RECEPTACLE and CHUTE
 SCALE: 1" = 1'-0" A8.0



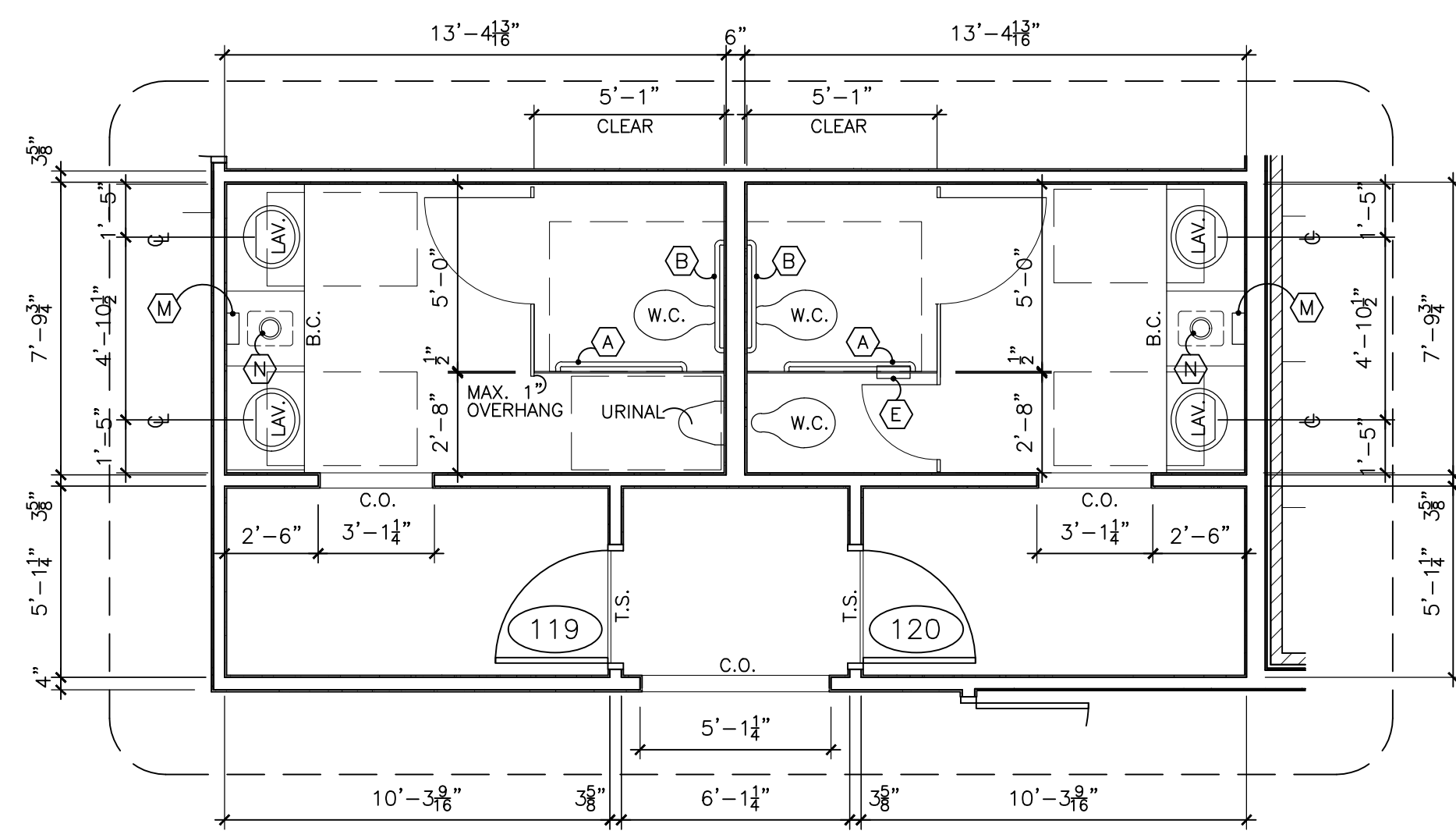
SECTION 2 thru TYPICAL BASE CABINET
 at LAVATORY and H.C. KNEE SPACE
 SCALE: 1" = 1'-0" A8.0



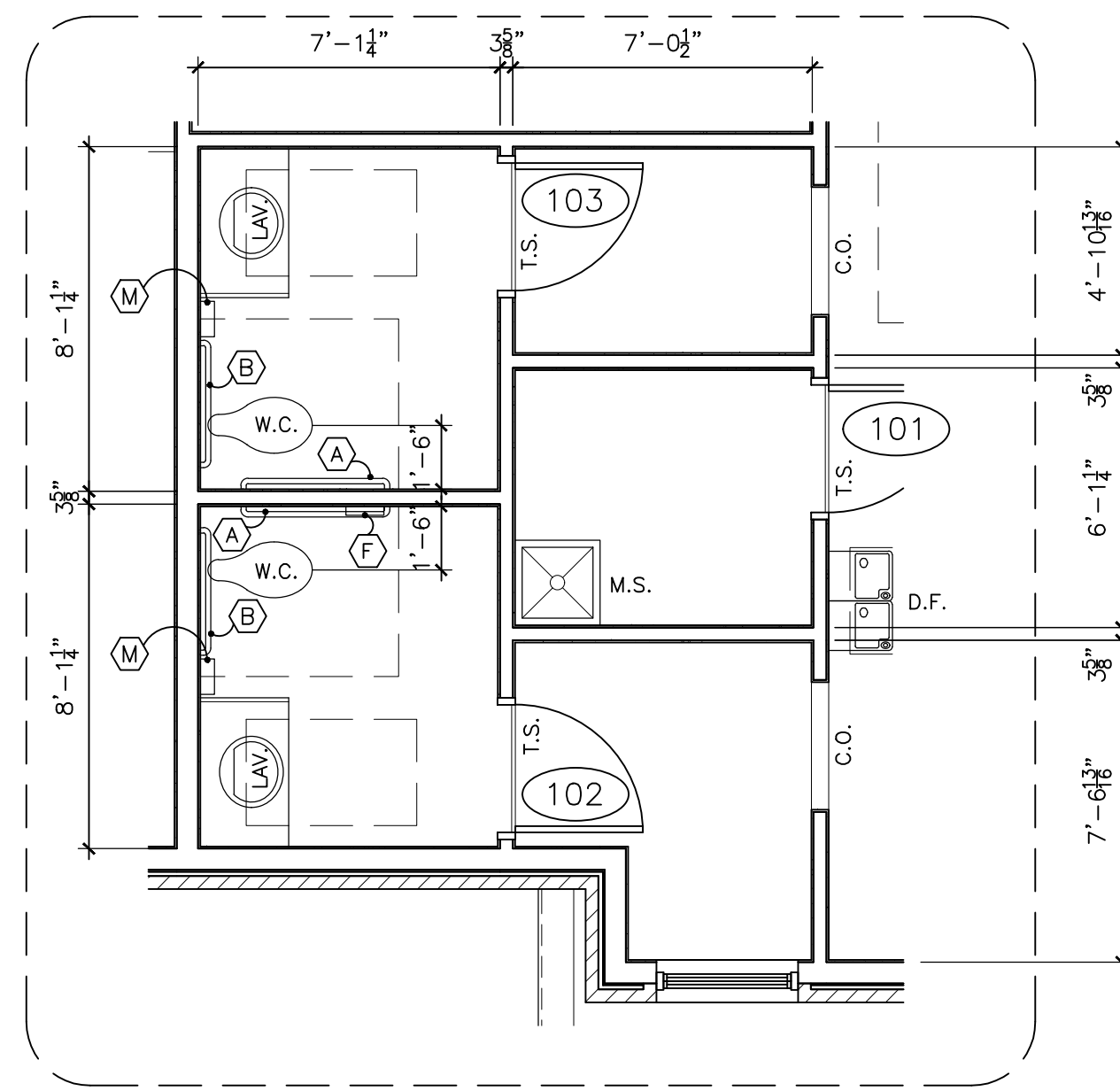
DETAIL 3 TYPICAL NON-RATED
 DRYWALL PARTITION
 SCALE: 1 1/2" = 1'-0" A8.0



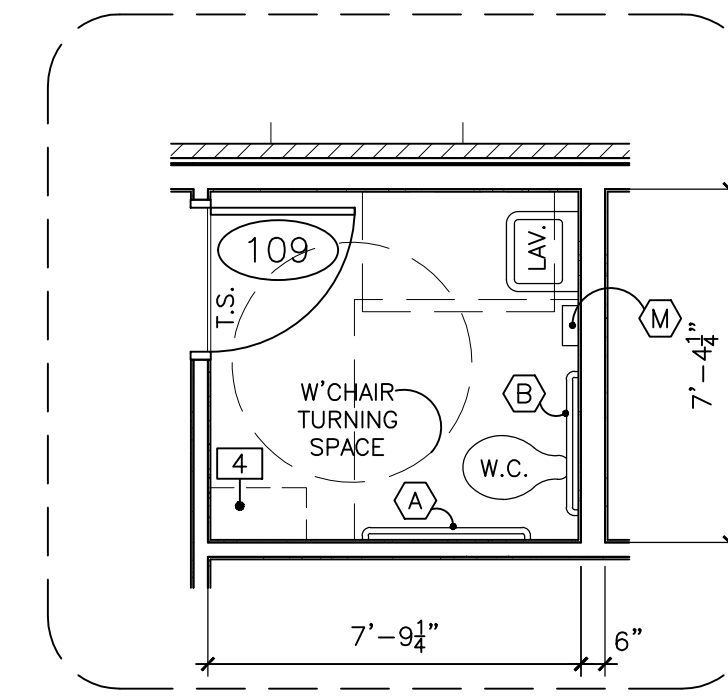
DETAIL 4 TYPICAL 2 HOUR FIRE-RATED
 PARTITION (UL DESIGN U301)
 SCALE: 1 1/2" = 1'-0" A8.0



LARGE SCALE PUBLIC TOILET PLANS
SCALE: 1/4" = 1'-0"

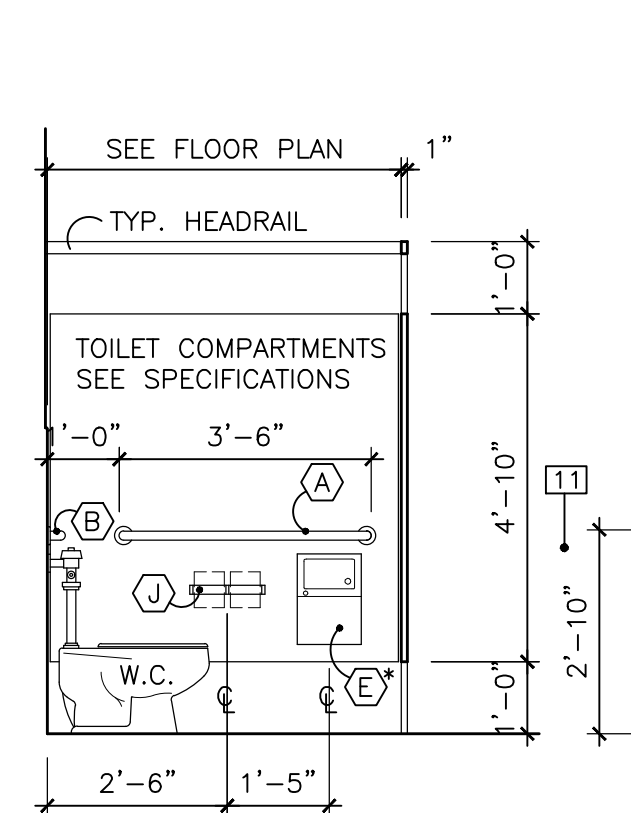


LARGE SCALE CUST. and LOBBY TOILET PLANS
SCALE: 1/4" = 1'-0"

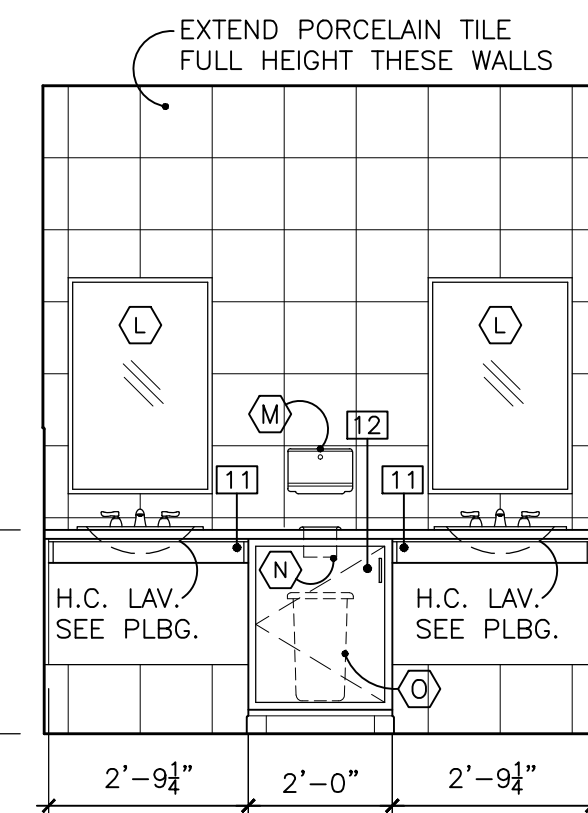


LARGE SCALE PVT. TOILET 109
SCALE: 1/4" = 1'-0"

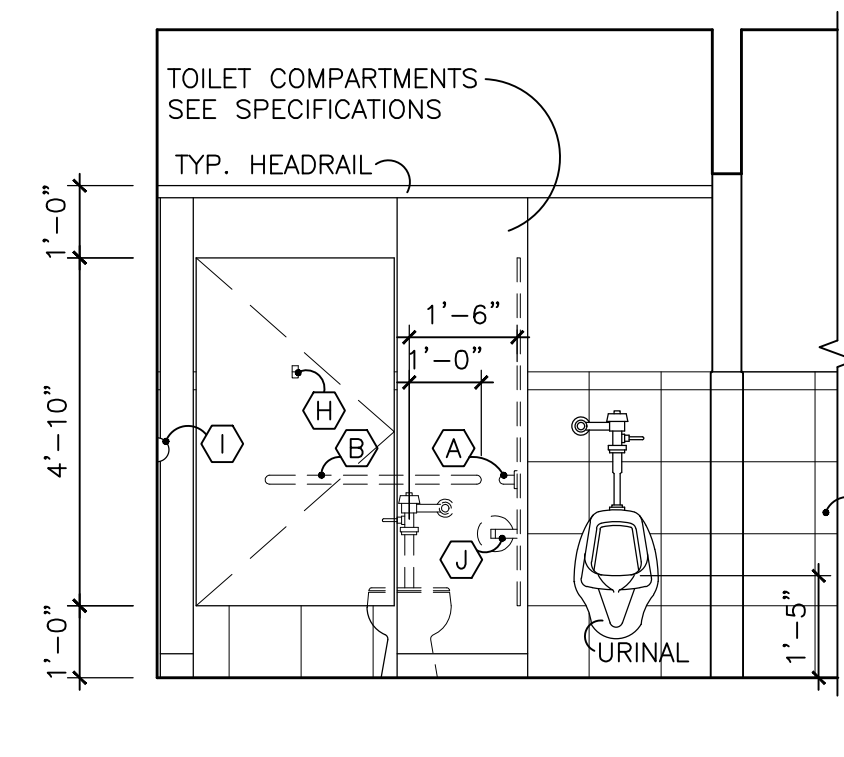
SCHEDULE of TOILET ACCESSORIES				
MARK	ITEM	MFR.	MODEL NO.	MOUNTING HEIGHT
A	GRAB BAR AT SIDE WALL OF WATER CLOSET	BOBRICK	B-8806 x42"	33" TO CENTERLINE ABOVE FIN. FLOOR
B	GRAB BAR AT REAR WALL OF WATER CLOSET	BOBRICK	B-8806 x36"	33" TO CENTERLINE ABOVE FIN. FLOOR
C	ITEM NOT USED			
D	ITEM NOT USED			
E	DUAL FEMININE NAPKIN DISPOSAL UNIT	BOBRICK	B-354	30" TO TOP OF UNIT ABOVE FIN. FLOOR
F	SURFACE-MOUNTED SINGLE FEMININE NAPKIN DISPOSAL UNIT	BOBRICK	B-254	30" TO TOP OF UNIT ABOVE FIN. FLOOR
G	COMB. COAT HOOK / DOOR BUMPER	BY TOILET STALL MANUFACTURER		51" TO HOOK C.L. ABOVE FIN. FLOOR
H	COAT HOOK	BY TOILET STALL MANUFACTURER		51" TO HOOK C.L. ABOVE FIN. FLOOR
I	DOOR BUMPER	ROCKWOOD	NO. 408 US26D FINISH	CONCEALED MOUNTING. VERIFY MOUNTING HEIGHT AT JOB SITE
J	SURFACE-MOUNTED DUAL-ROLL TISSUE PAPER DISPENSER	BOBRICK	B-6857	24" TO CENTERLINE ABOVE FIN. FLOOR
K	ITEM NOT USED			
L	MIRROR 24"x36"	BOBRICK	B-165 24"x36"	40" TO BOTTOM OF MIRROR ABOVE FIN. FLOOR
M	SURFACE-MOUNTED PAPER TOWEL DISPENSER	BOBRICK	B-2621	47" TO BOTTOM OF UNIT ABOVE FIN. FLOOR
N	CIRCULAR WASTE CHUTE	BOBRICK	B-529 32"	INSTALL IN 34" HIGH COUNTERTOP CUTOUT-11" FROM COUNTERTOP EDGE TO CENTERLINE.
O	LARGE WASTE BASKET	RUBBERMAID	#2806 (36 QT.) 14 1/2"x11"x18"	PLACE INSIDE BASE CABINET AS SHOWN, DIRECTLY UNDER WASTE CHUTE
P	SHELF W/ MOP & BROOM HOLDERS	BOBRICK	B-239x34	5'-9" TO TOP OF SHELF ABOVE FIN. FLOOR



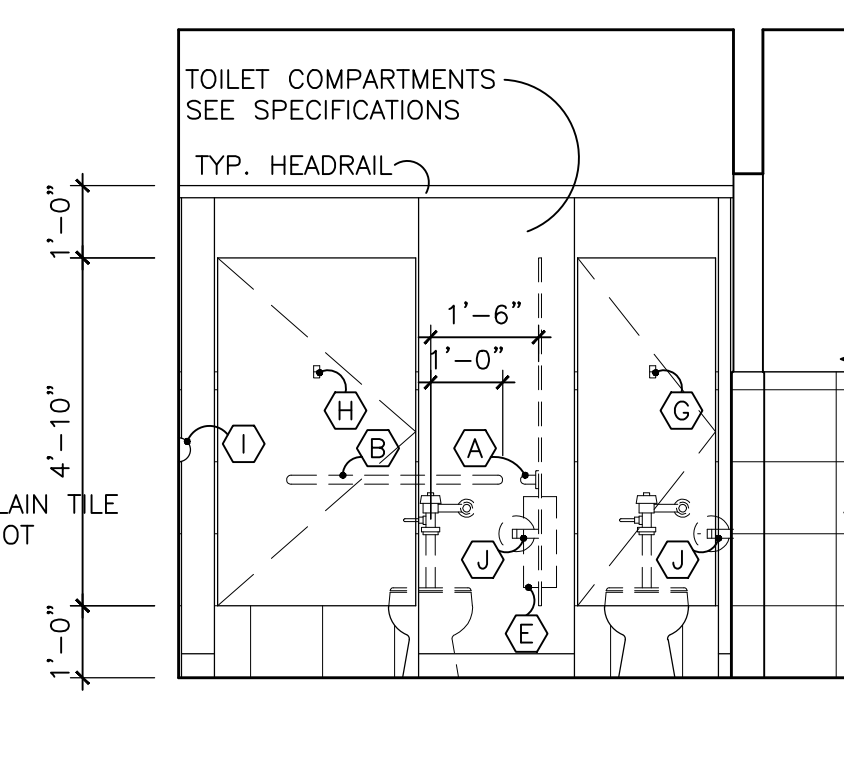
TYPICAL SECTION thru STALL
*ITEM OCCURS AT WOMEN'S TOILET 120 ONLY



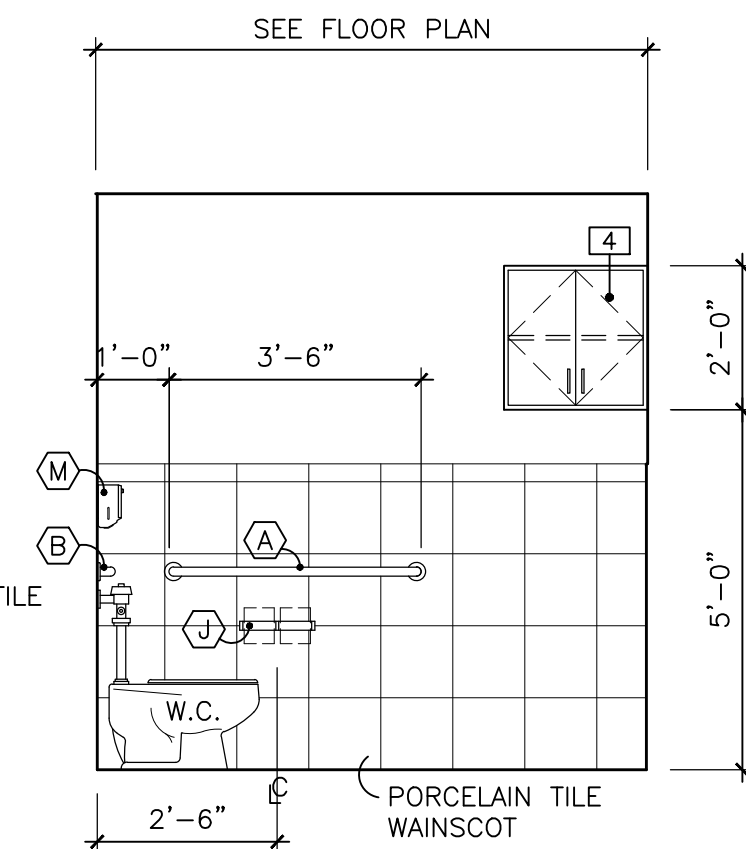
WEST WALL WOMEN'S TOILET "120"
EAST WALL MEN'S TOILET "119"
(SIM. but OPP. HAND)



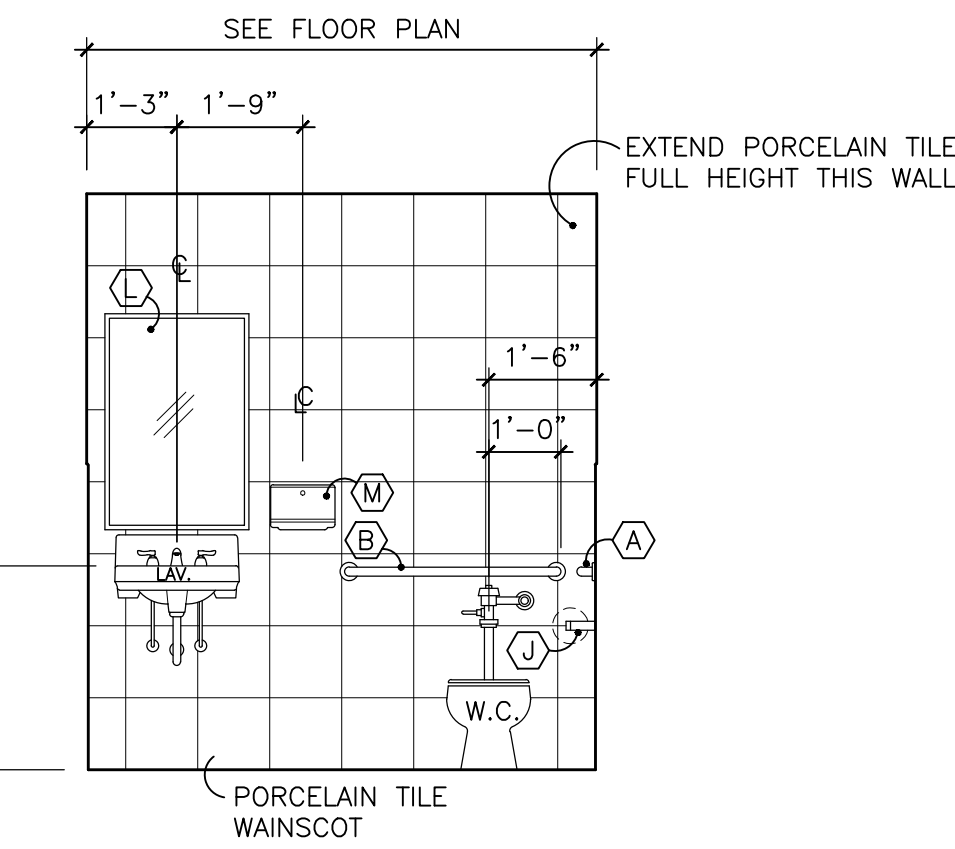
WEST WALL MEN'S TOILET "119"



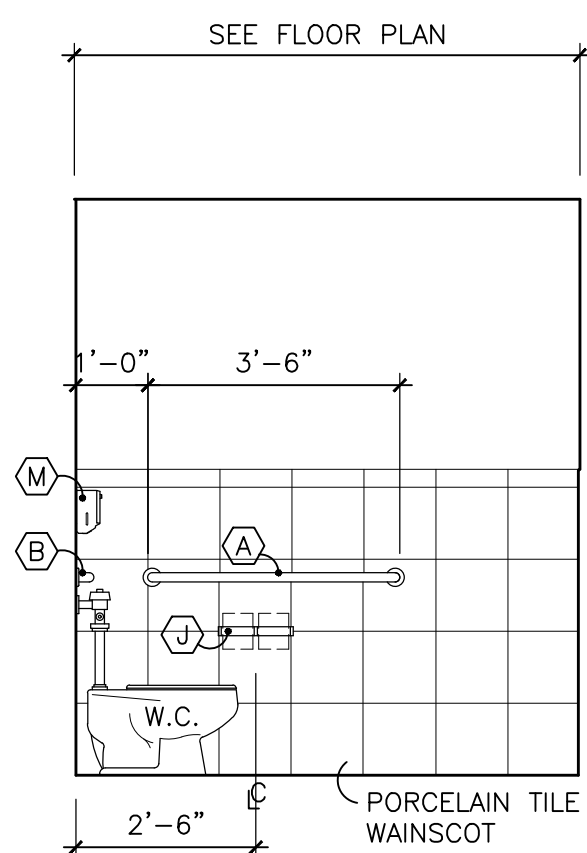
EAST WALL WOMEN'S TOILET "120"



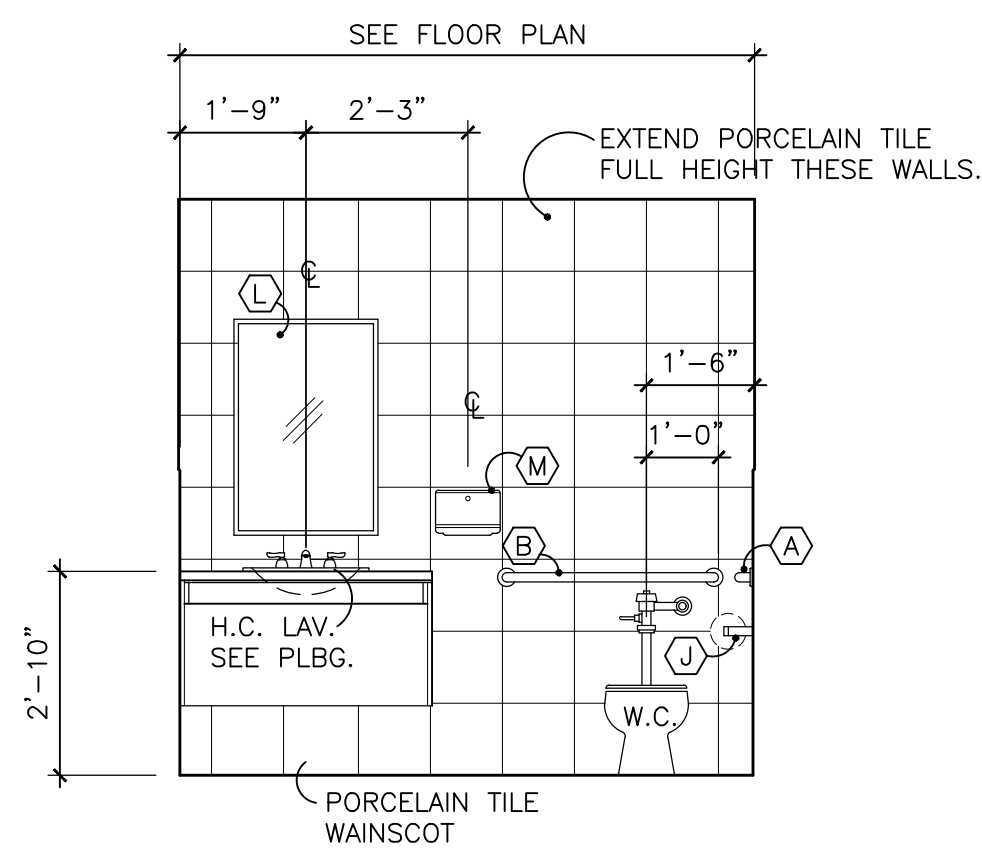
NORTH WALL TOILET "109"



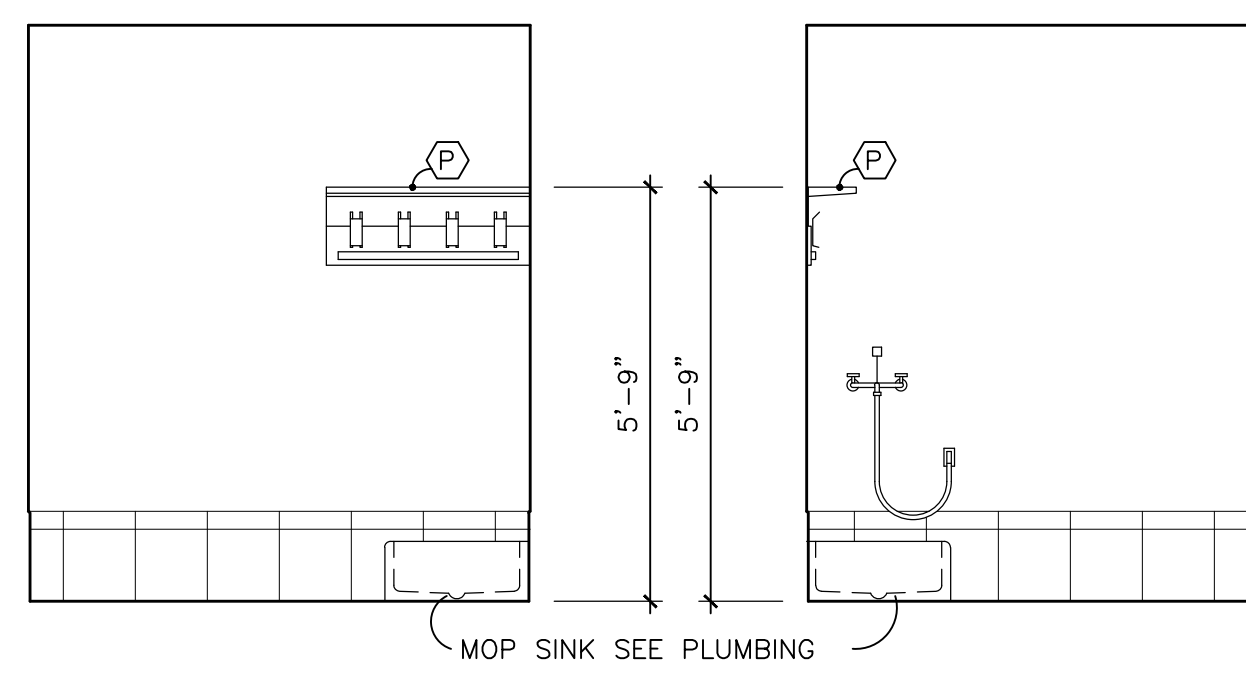
WEST WALL TOILET "109"



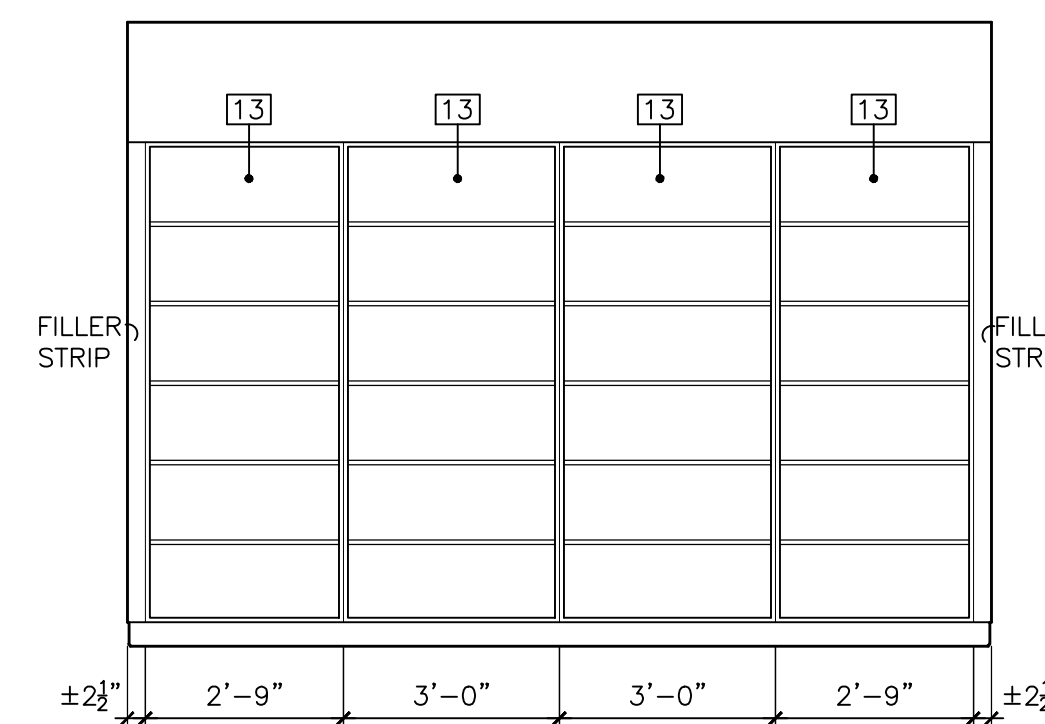
SOUTH WALL TOILET "102"
NORTH WALL TOILET "103"
SIM. but OPP. HAND



EAST WALL TOILET "102"
EAST WALL TOILET "103"
SIM. but OPP. HAND

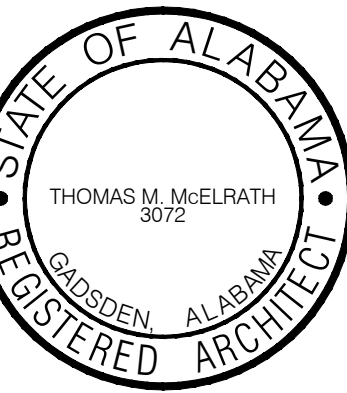


NORTH WALL CUSTODIAL "101"
EAST WALL CUSTODIAL "101"



NORTH. WALL SUPPLIES 122

CITY HALL TOILET and CUSTODIAL ROOM ELEVATIONS
SCALE: 3/8" = 1'-0"

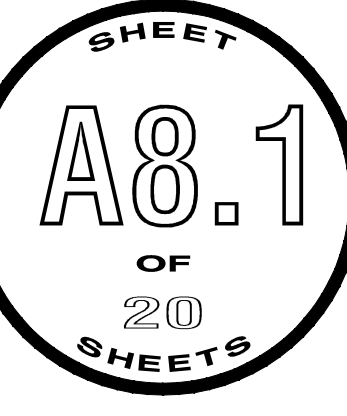


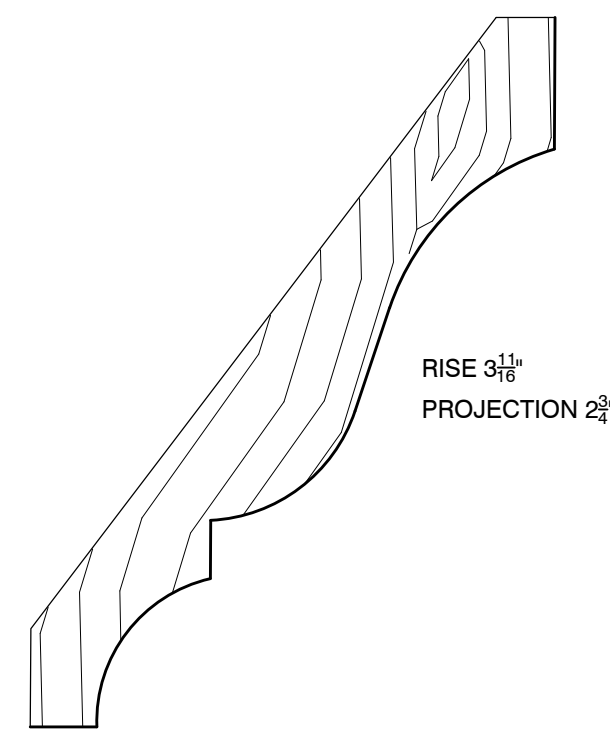
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LARGE SCALE TOILET PLANS, ELEVATIONS & SECTIONS

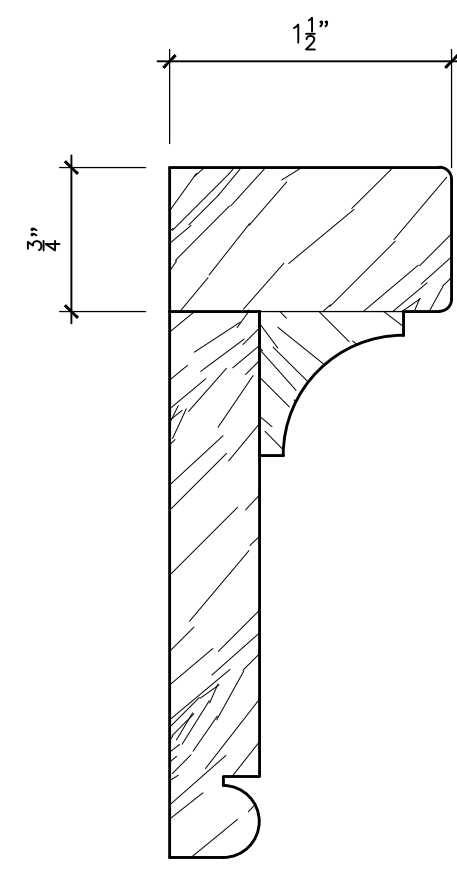
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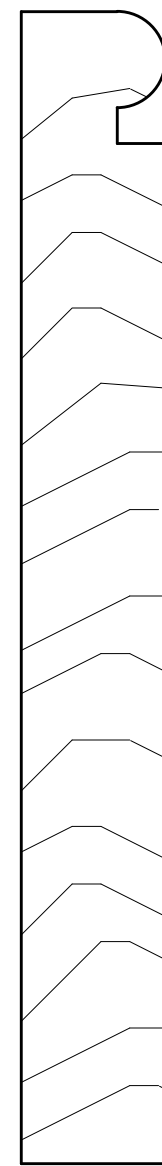
TYPICAL CROWN MOULDING

RB-47 1 1/16" x 4 5/8" CROWN MOULDING
SEE SECTIONS FOR LOCATIONS
STAIN GRADE POPLAR

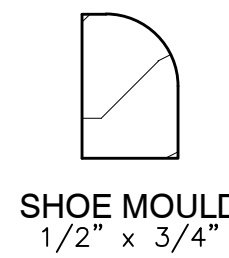


TYPICAL CHAIRRAIL

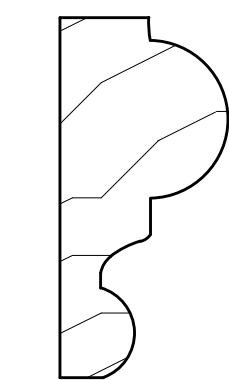
3/4" x 1 1/2" WOOD CAP WITH EASED EDGES AND
RB-100 3/4" x 3/4" WOOD COVE MOULD OVER
RB-8801 1/2" x 2-7/8" CASING. SEE INTERIOR
ELEVATIONS FOR LOCATION.



BASE MOULD
3/4" x 6"



SHOE MOULD
1/2" x 3/4"



CAP MOULD
7/8" x 1 7/8"

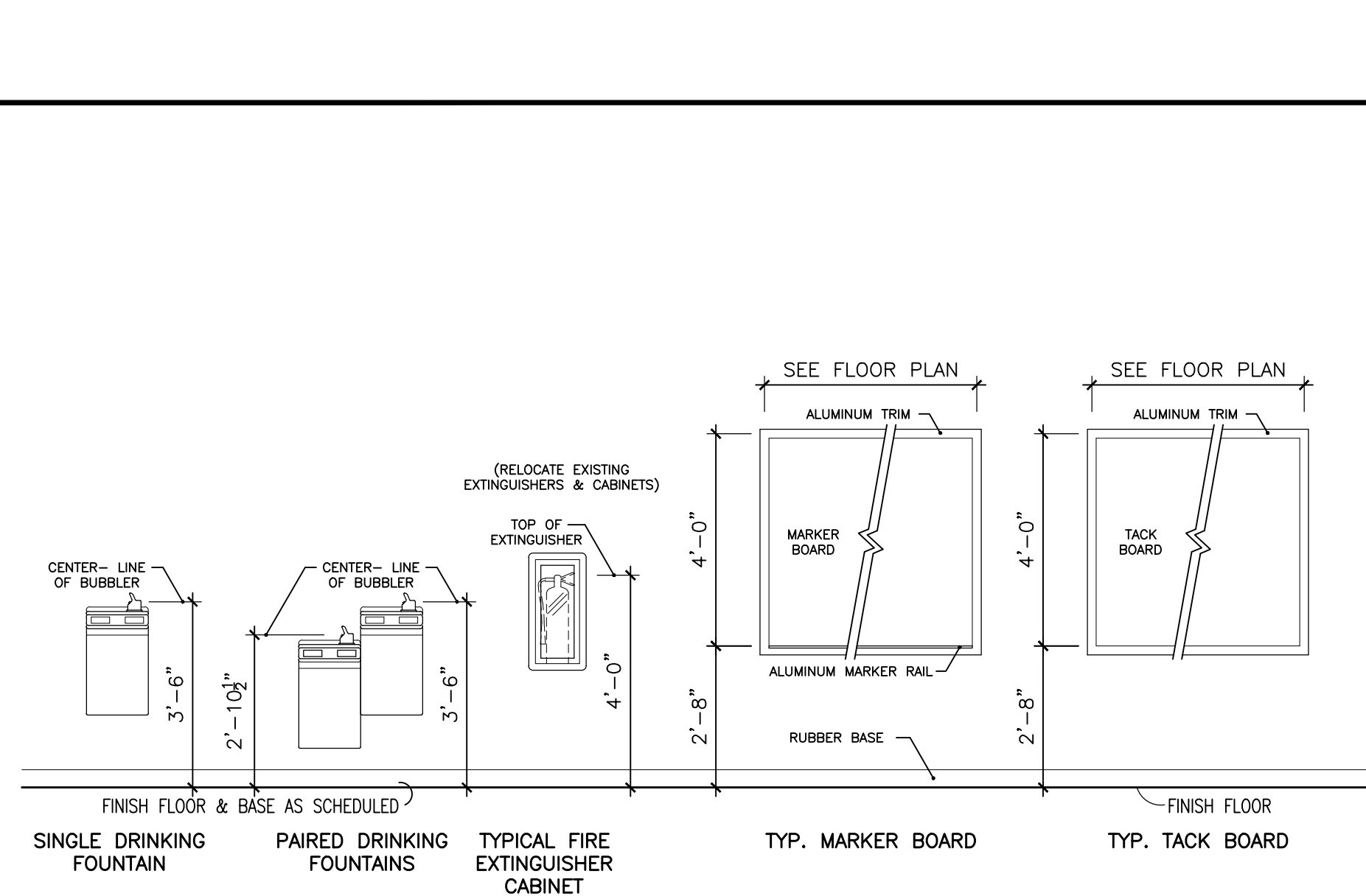
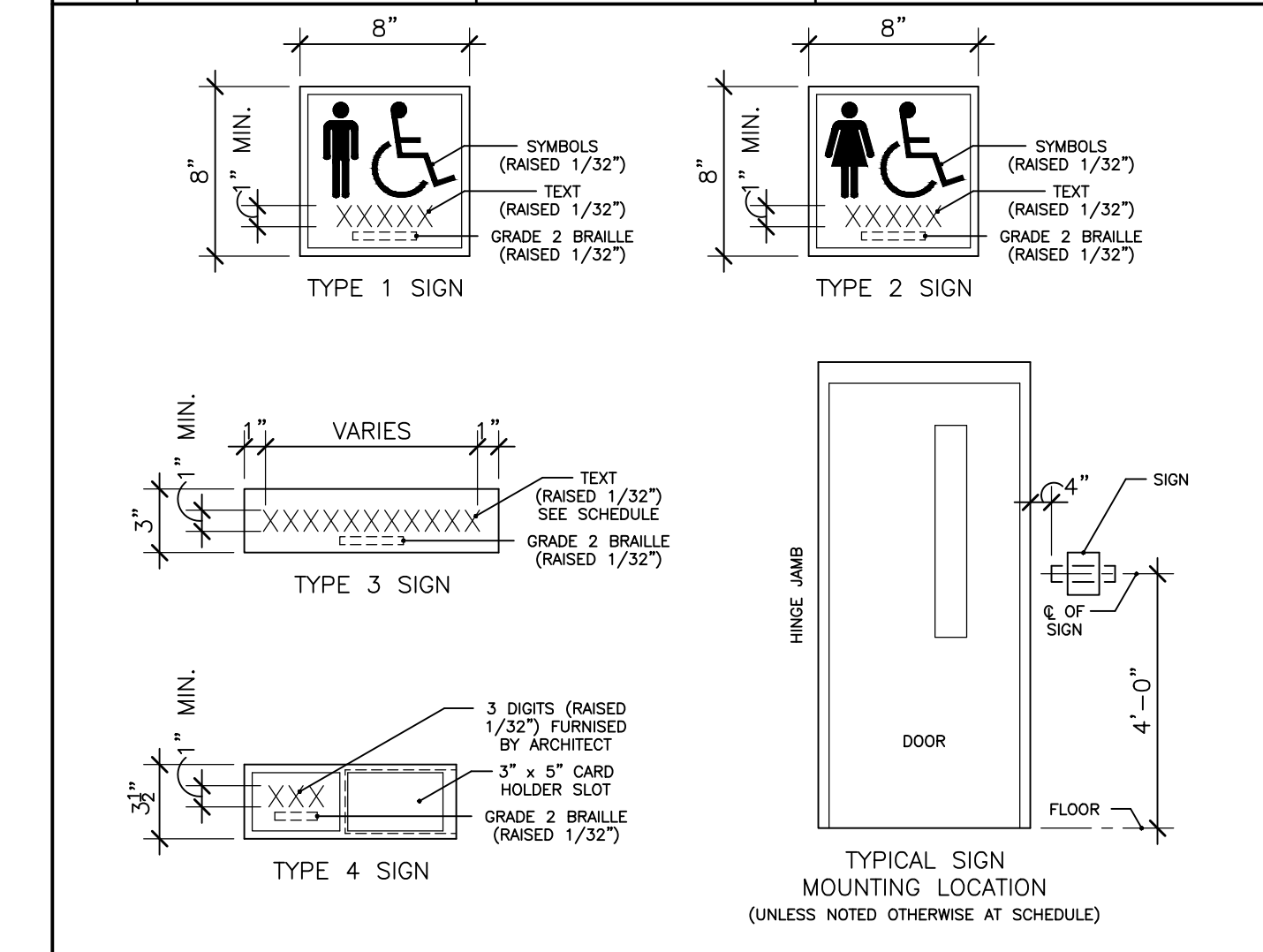
FULL-SIZE WOOD MOULDING PROFILES

PROFILE NUMBERS REFER TO PRODUCTS OF THE FOLLOWING:
RANDALL BROTHERS, INC., ATLANTA, GA. ("RB" PREFIX)
(SEE SPEC. SECTION 06202)

SCHEDULE of CASEWORK (DENOTED BY SYMBOL "□")		
ITEM#	ITEM	DESCRIPTION
1	WALL CABINET	Single door wall cabinet (right-or left-hand as shown). Nom. 36" h x 14" dp. x width as shown. Two (2) adjustable shelves.
2	WALL CABINET	Double door wall cabinet. Nom. 36" h x 14" dp. x width as shown. One (1) adjustable shelf.
3	WALL CABINET	Double door wall cabinet. Nom. 30" h x 14" dp. x width as shown. One (1) adjustable shelf.
4	WALL CABINET	Double door wall cabinet. Nom. 24" h x 14" dp. x width shown. One (1) adjustable shelves.
5	BASE CABINET WITH DRAWERS	Nom. 36" h x 24" dp. x width as shown double door base cabinet. Two (2) drawers and one (1) adjust. shelf. HPL Buildup countertop with Nom. 1 1/2" Self-edge with 4" high backsplash. See Elevations.
6	SINK BASE CABINET	Nom. 36" h x 24" dp. x width as shown double door sink base cabinet with false front above doors. HPL Buildup countertop with Nom. 1 1/2" Self-edge with 4" high backsplash. See Elevations.
7	BASE CABINET WITH DRAWERS	Nom. 36" h x 24" dp. x width as shown double door base cabinet. Two (2) drawers and one (1) adjust. shelf. HPL Buildup countertop with Nom. 1 1/2" Self-edge with no backsplash. See Elevations.
8	BASE CABINET CABINET	Double door base cabinet. Nom. 36" h x 24" dp. x width as shown. One (1) adjustable shelf. HPL Buildup countertop with Nom. 1 1/2" Self-edge. (No backsplash or endsplash)
9	BASE CABINET WITH DRAWERS	Nom. 30" h x 30" dp. x width as shown double door base cabinet. Two (2) drawers and one (1) adjust. shelf. HPL Buildup countertop with Nom. 1 1/2" Self-edge with no backsplash. See Elevations.
10	BASE CABINET	Nom. 18w x 30" h x 30" dp. two (2) drawer and one (1) file drawer base cabinet. HPL Buildup countertop with Nom. 1 1/2" Self-edge with no backsplash. See Elevations.
11	HCP. SINK BASE CABINET	Nom. 34" h x 24" dp. x width as shown ADA compliant sink cabinet. 1/2" th. solid surface countertop and edge over 1/2" th. plywood. (No backsplash or endsplash). See details sheet A8.0.
12	BASE CABINET	Single door base cabinet. Nom. 34" h x 24" dp. x width as shown. 1/2" th. solid surface countertop and edge over 1/2" th. plywood. (No backsplash or endsplash). See details sheet A8.0.
13	ADJUSTABLE SHELF UNIT	Nom. 84" h x 16" dp. x width as shown open tall cabinet with five (5) adjustable shelves. See Elevations.

CASEWORK NOTES:
RUBBER BASE OR WOOD BASE (AS SCHEDULED FOR ROOM) SHALL BE INSTALLED AROUND EXPOSED BASE OF ALL CASEWORK.
ALL DOORS AND DRAWERS SCHEDULED TO HAVE LOCKS SHALL BE KEYED IN GROUPS OR SEPARATELY, AS DETERMINED BY THE OWNER.

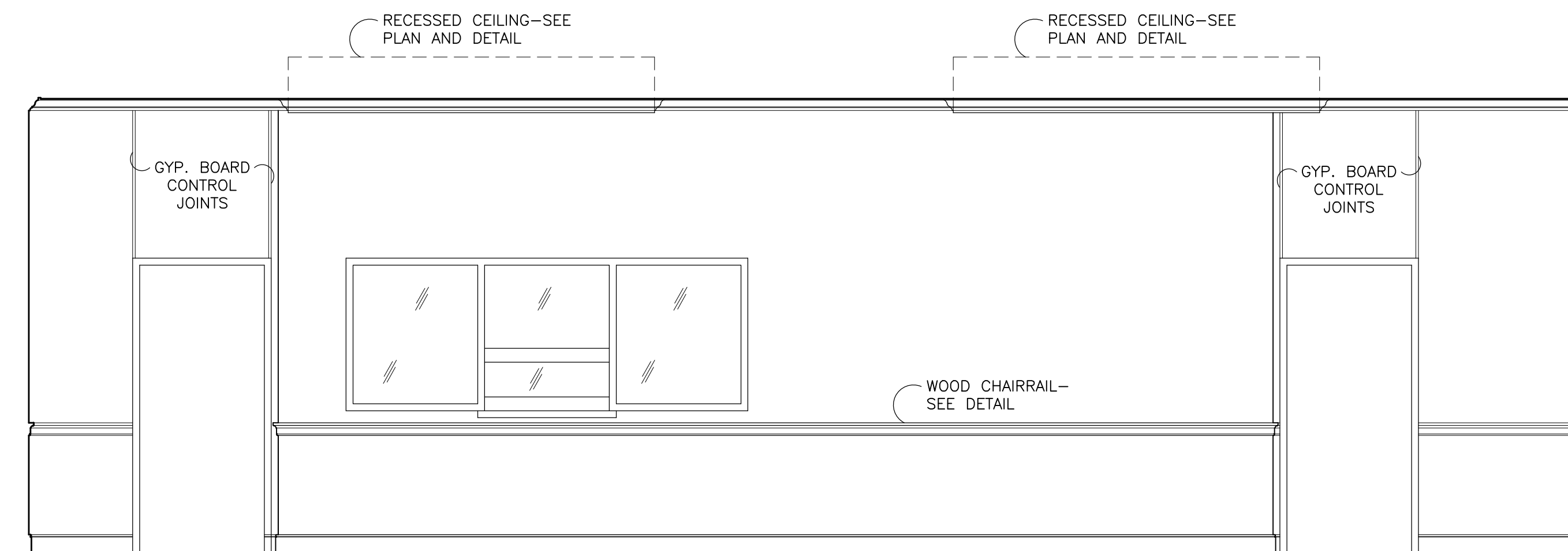
SCHEDULE of INTERIOR SIGNAGE - CITY HALL			
TYPE	DESCRIPTION OR TEXT	SIZE	LOCATION
1	MEN	8" x 8"	Adjacent to Door "103" and "119"
2	WOMEN	8" x 8"	Adjacent to Door "102" and "120"
3	MECHANICAL	3" x Req'd. Length	Adjacent to Door "123"
3	CUSTODIAL	3" x Req'd. Length	Adjacent to Door "101"
3	I.T. ROOM	3" x Req'd. Length	Adjacent to Door "135"
3	BUILDING DEPARTMENT	3" x Req'd. Length	Adjacent to Pass Window at "132A"
3	RECEPTION	3" x Req'd. Length	Adjacent to Pass Window at "126"
3	BUILDING OFFICIAL	3" x Req'd. Length	Adjacent to Door "132"
3	COUNCIL CHAMBERS	3" x Req'd. Length	Adjacent to Door "117"
3	MEETING ROOM	3" x Req'd. Length	Adjacent to Doors "115"
3	CITY CLERK	3" x Req'd. Length	Adjacent to Door "107"
3	MAYOR	3" x Req'd. Length	Adjacent to Door "108"
3	CITY COUNCIL	3" x Req'd. Length	Adjacent to Door "134"
4	OFFICE	3 1/2" x Req'd Length	Adjacent to Doors 106, 126, 127, 129, 130, 136 and 137



TYPICAL MOUNTING HEIGHTS

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

NOT ALL OF THE ABOVE MAY BE APPLICABLE TO THIS PROJECT-
SEE FLOOR PLANS FOR LOCATIONS & LAYOUT OF APPLICABLE ITEMS



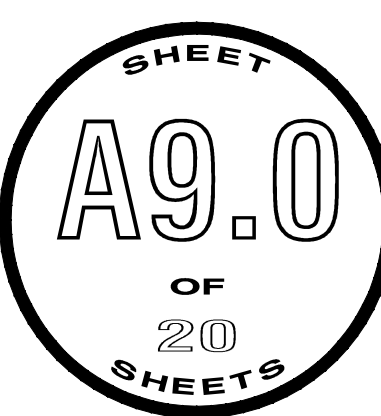
SOUTH ELEVATION of LOBBY 100

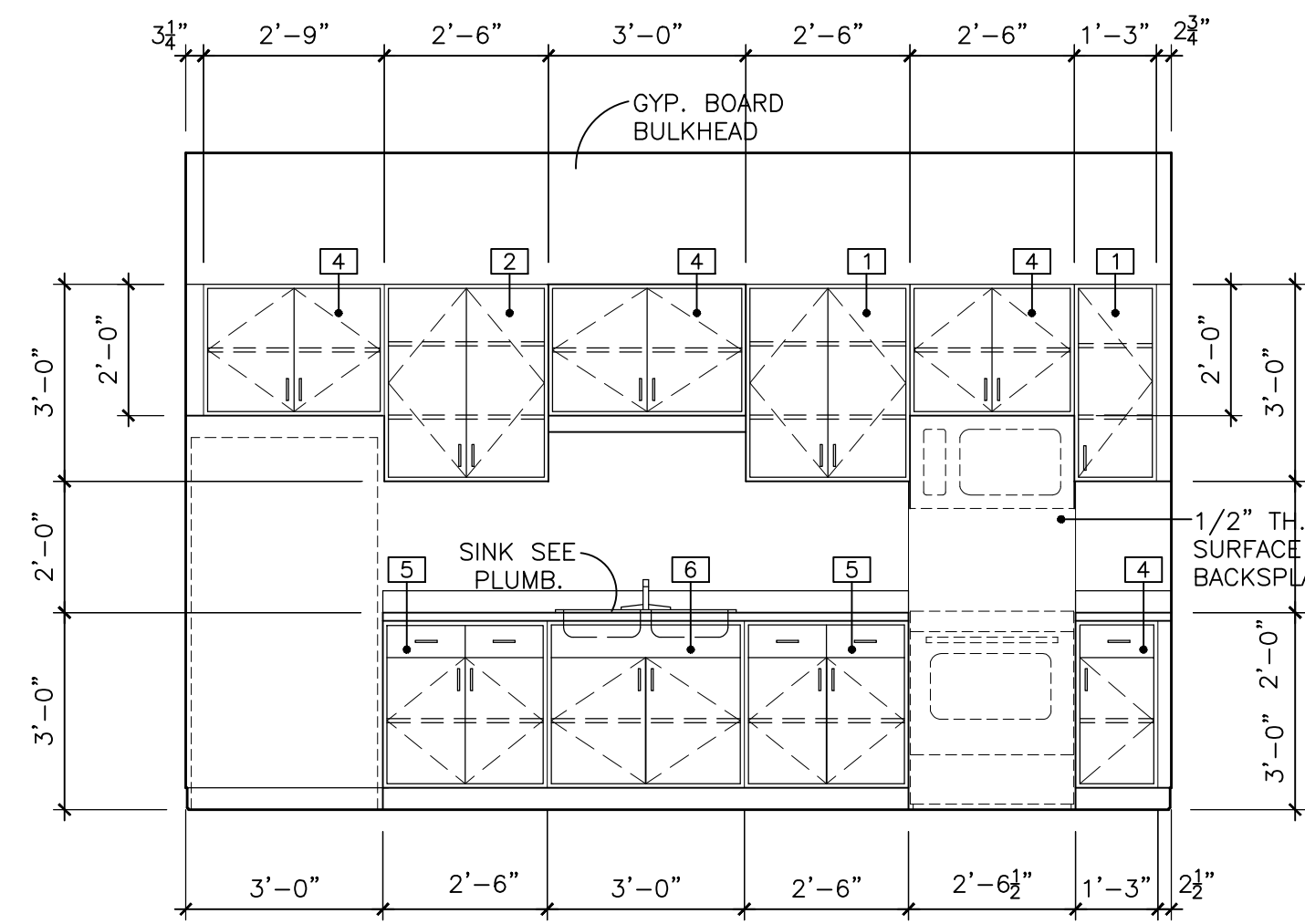


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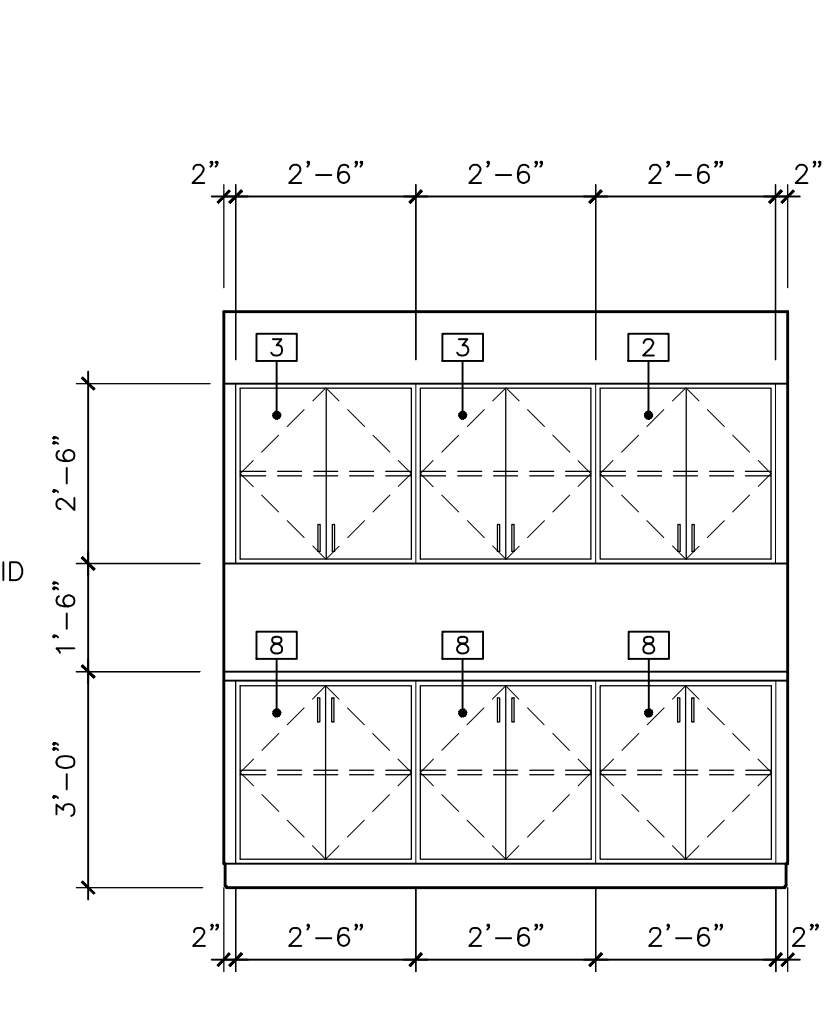
A NEW CITY HALL
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350 E. MAIN STREET

CASEWORK, SIGNAGE & FULL SIZE DETAILS	
DRAWN	TMM
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SCALE	AS NOTED
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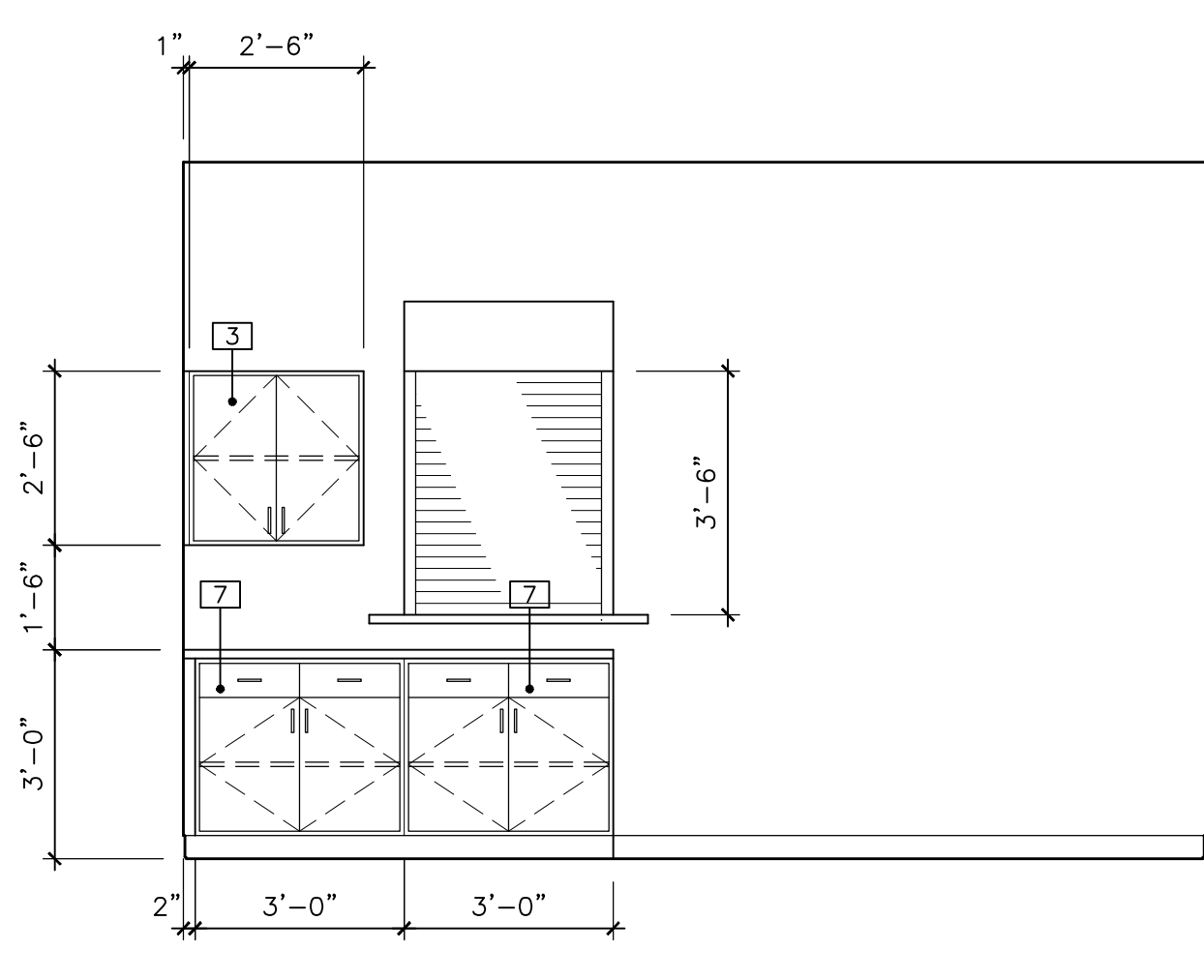




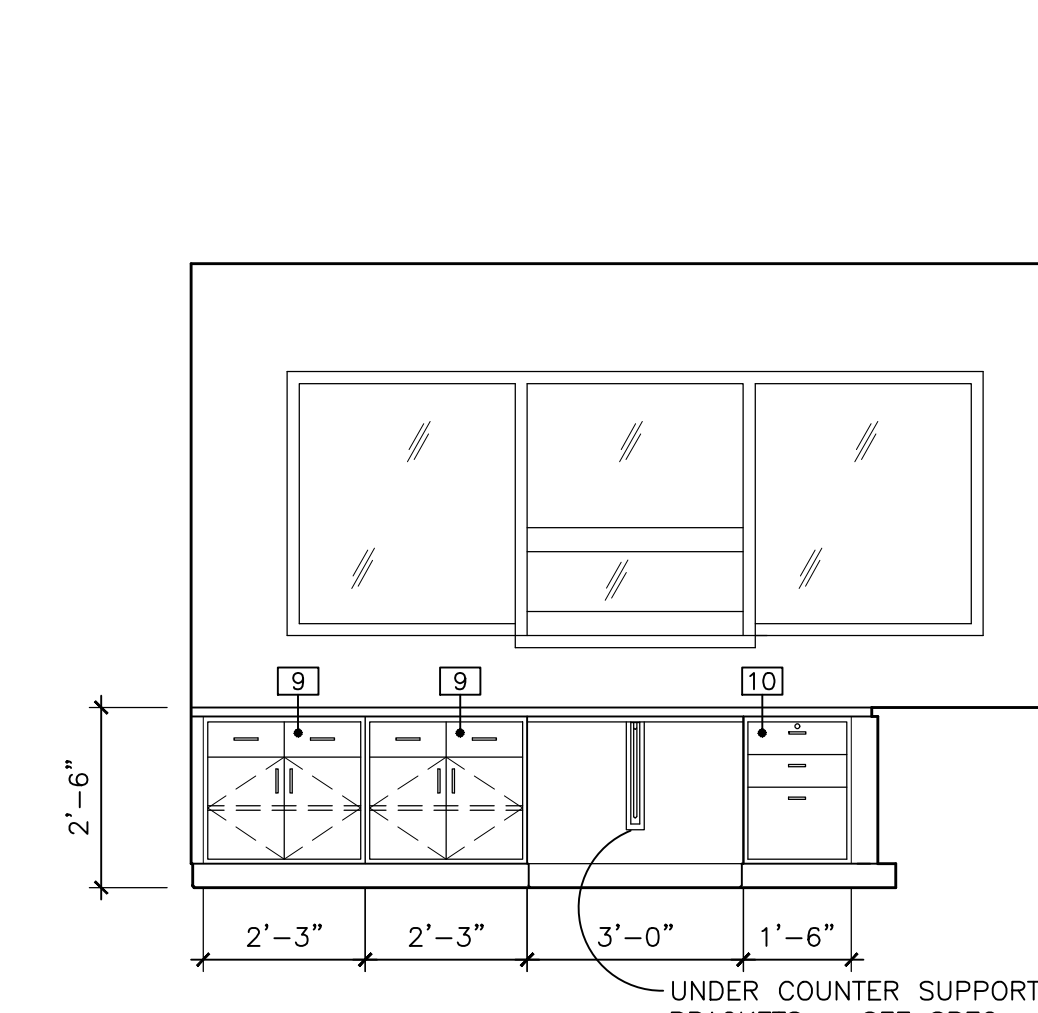
NORTH WALL KITCHEN/BREAK ROOM "112"



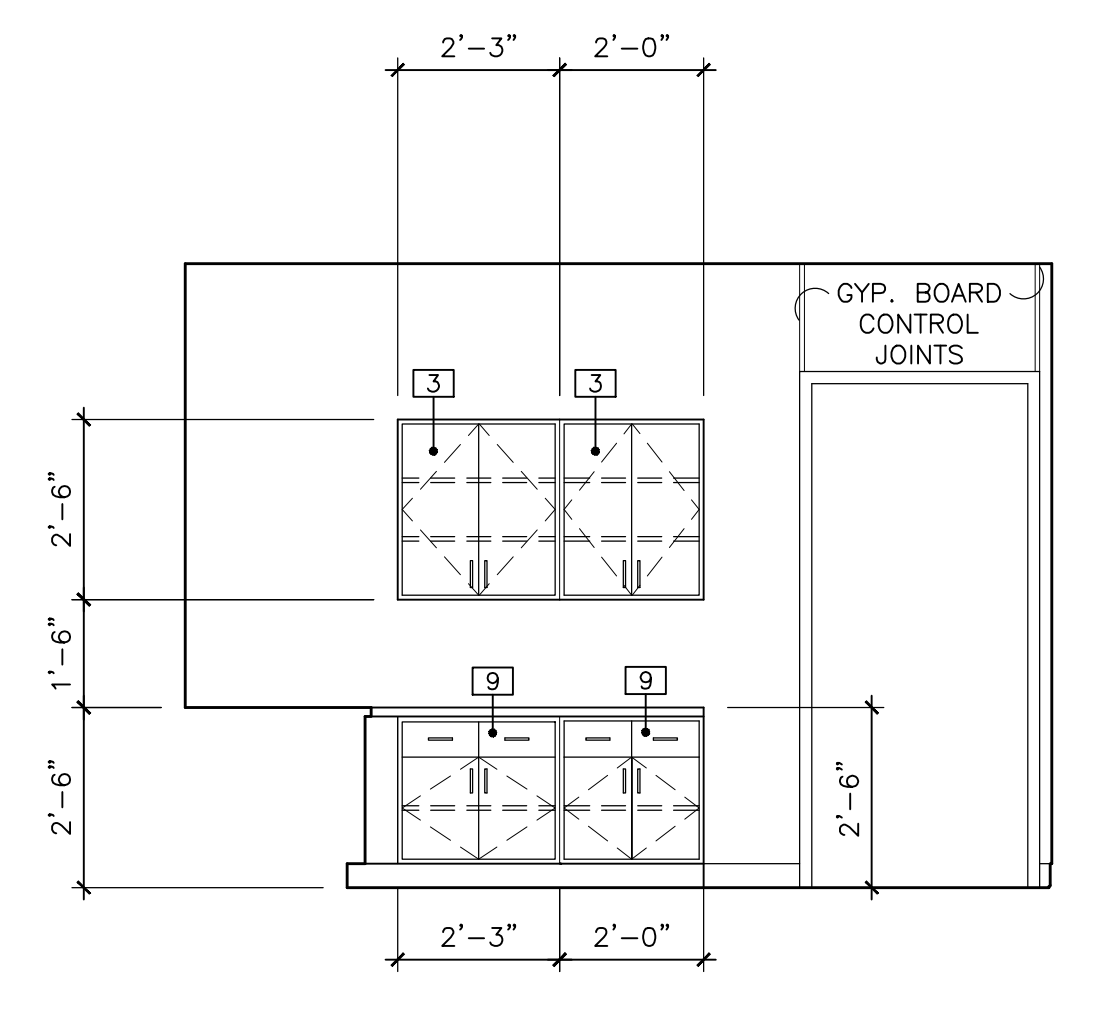
NORTH WALL WORK ROOM "124"



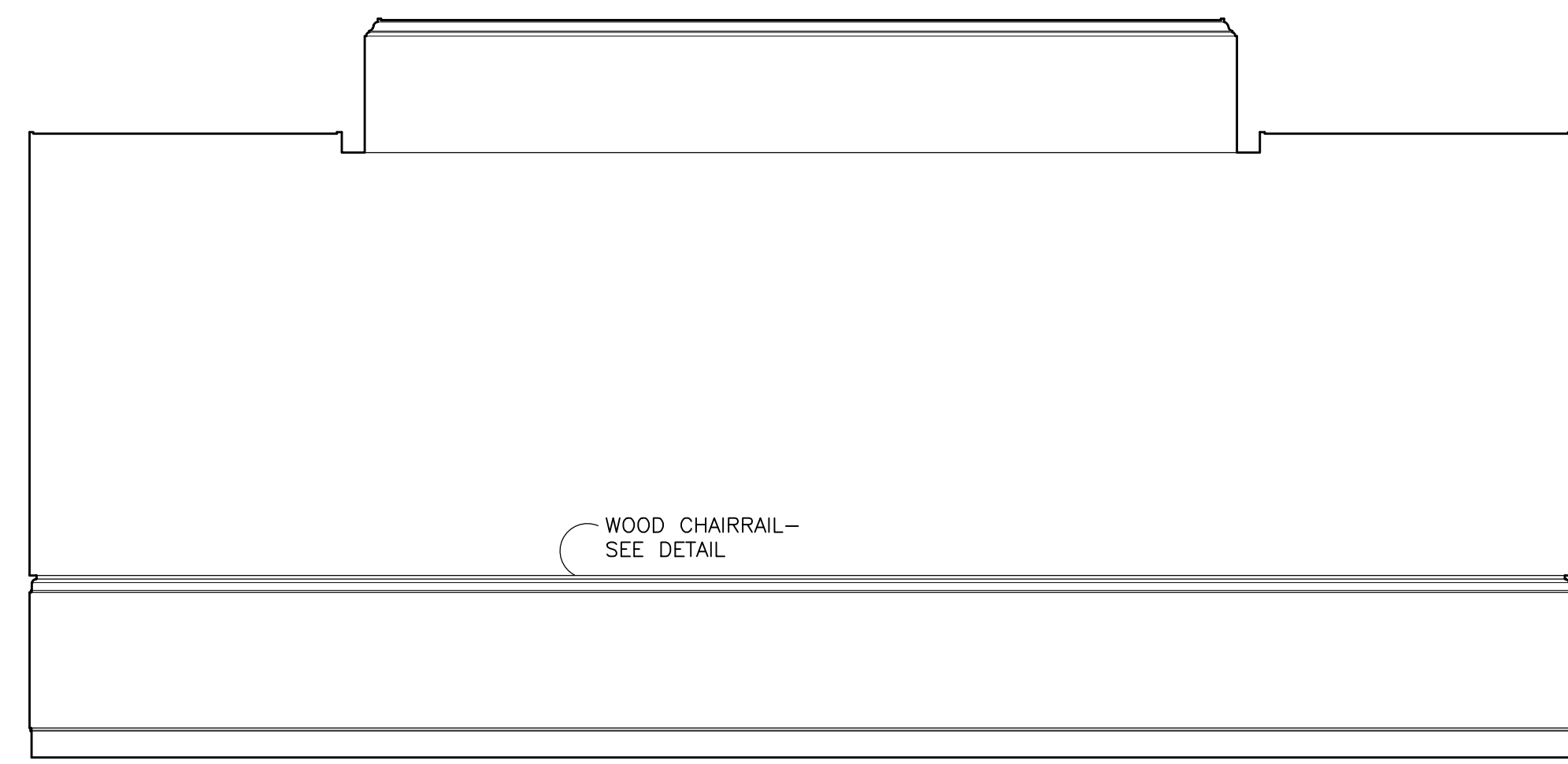
EAST WALL BUILDING OFFICAL "132"



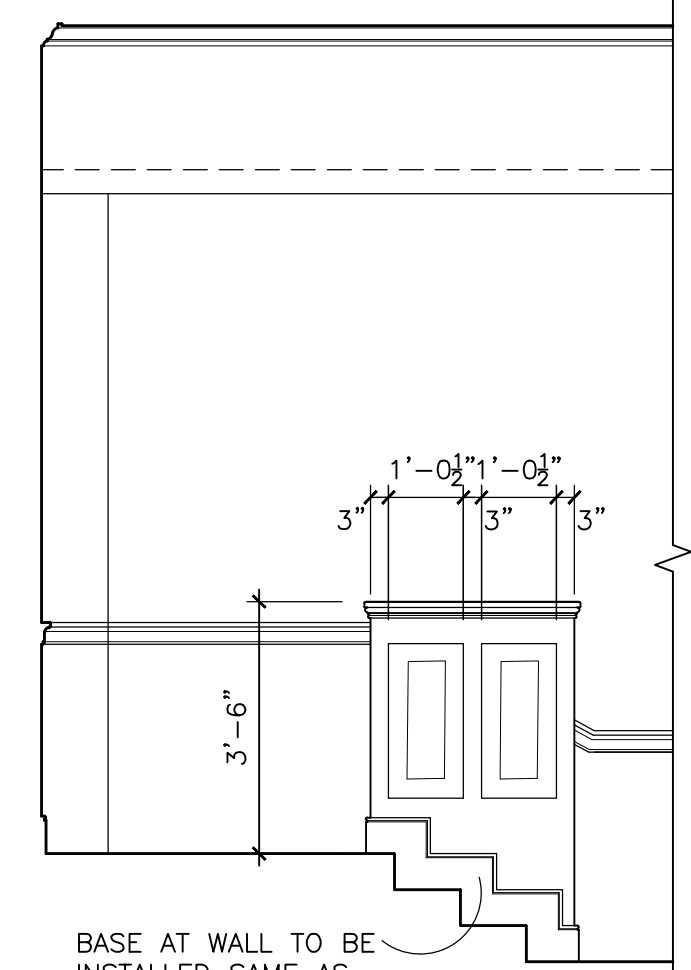
NORTH WALL RECEPTION "126"



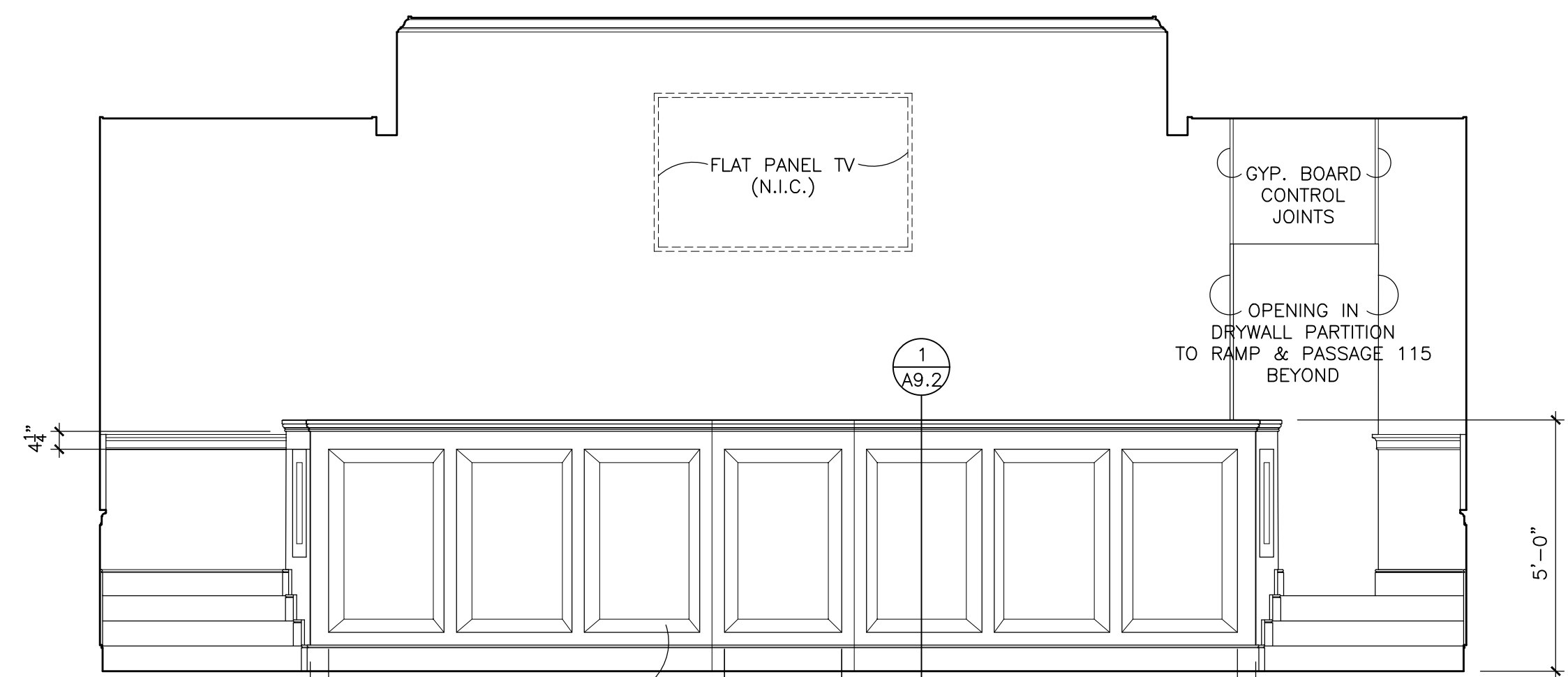
EAST WALL RECEPTION "126"



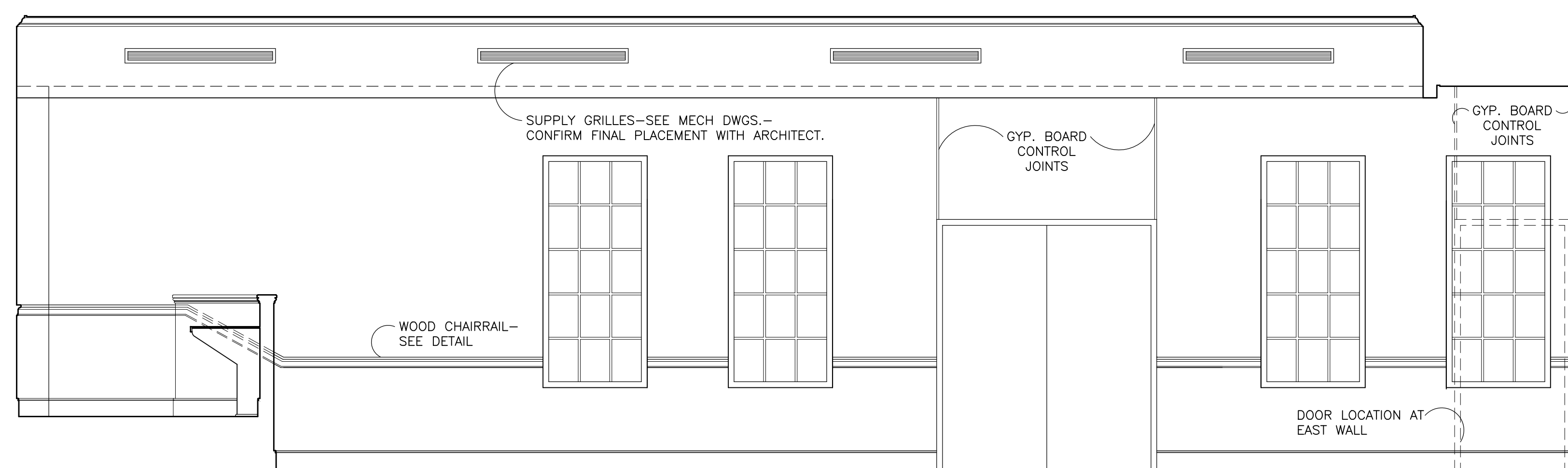
NORTH WALL COUNCIL CHAMBERS



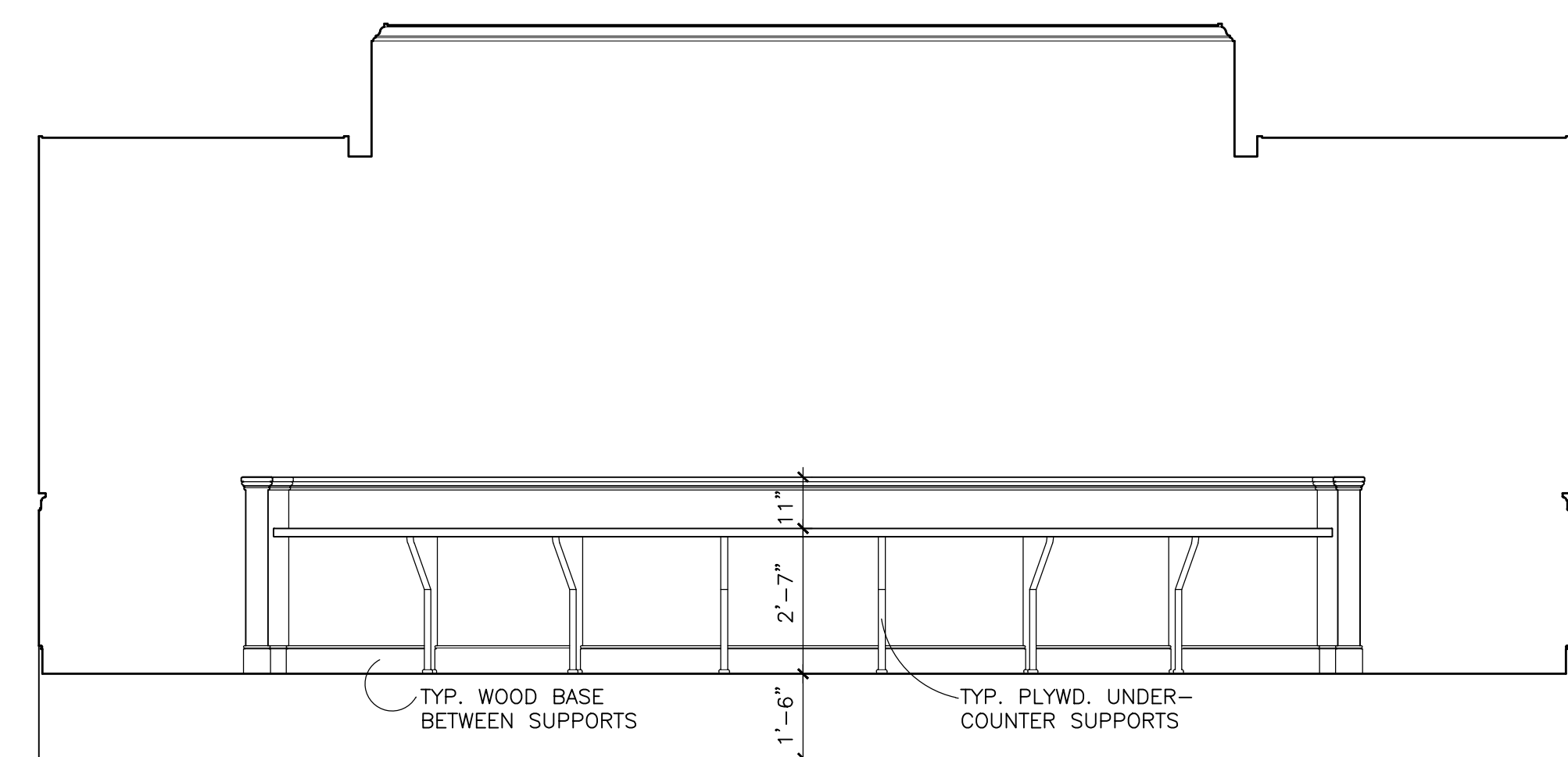
WEST END of COUNCIL DAIS
 EAST END SIM. but OPP. HAND



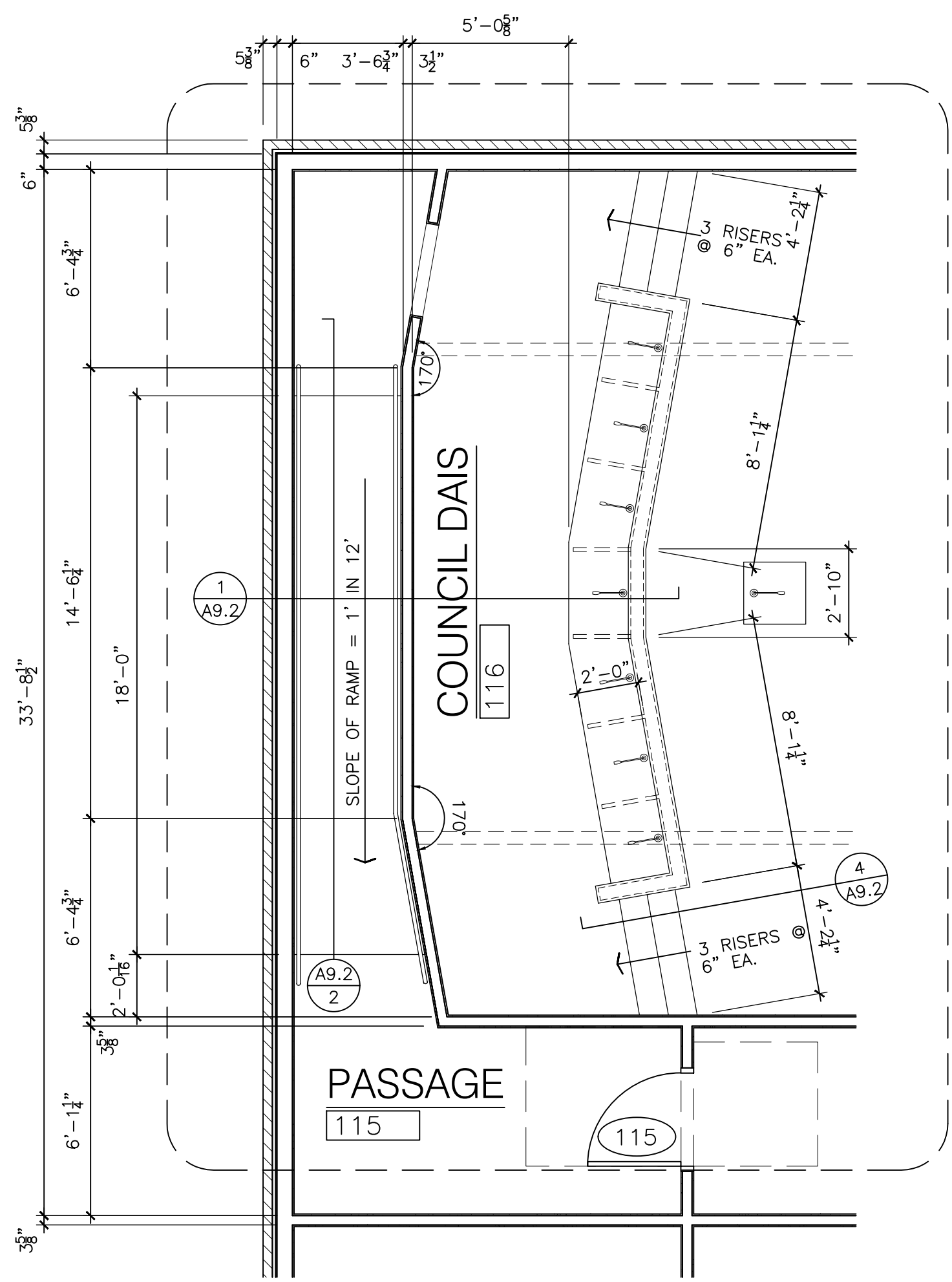
SOUTH-WALL COUNCIL CHAMBERS COUNCIL DAIS



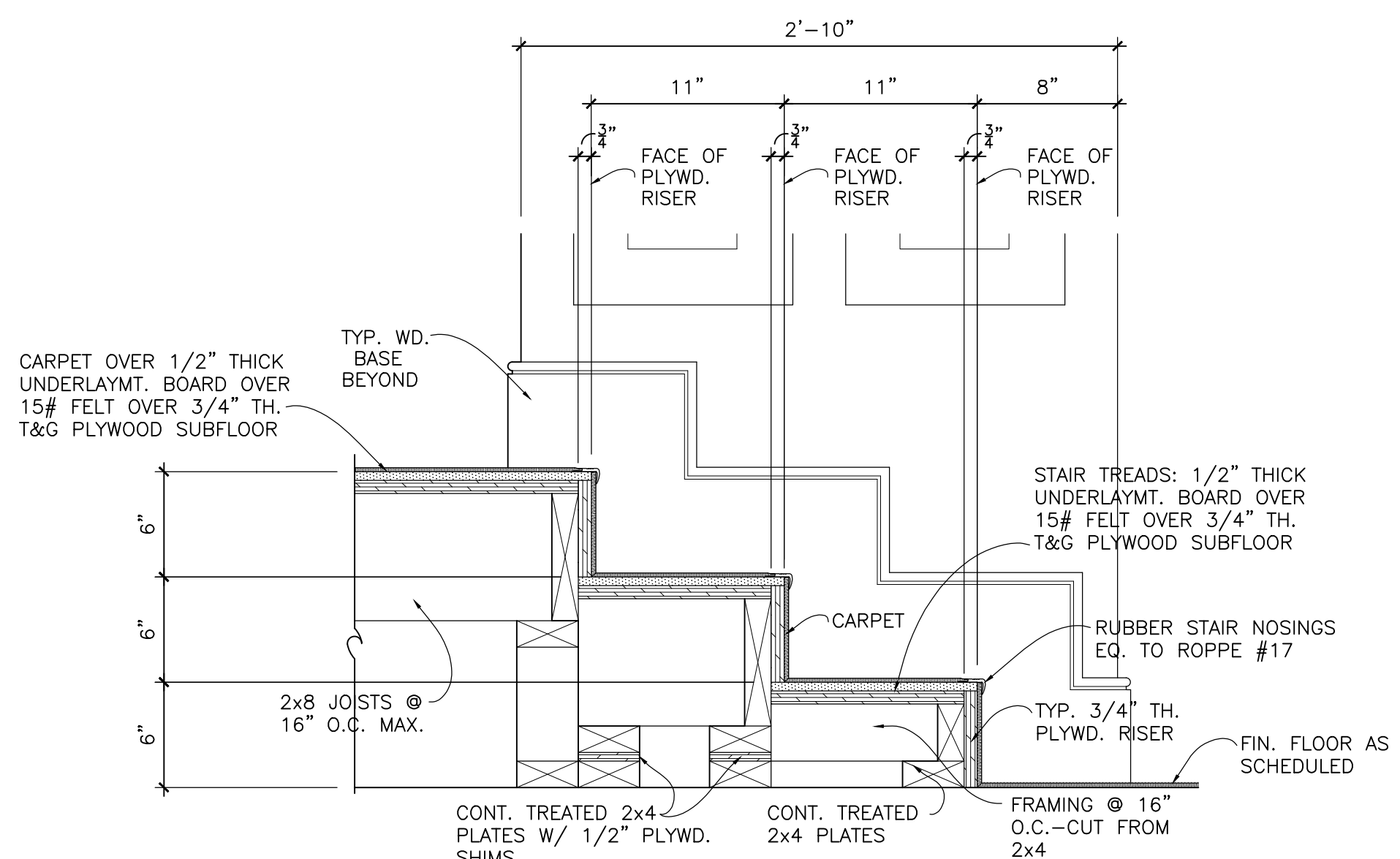
WEST WALL COUNCIL CHAMBERS
 EAST WALL SIM. but OPP. HAND with DIFFERENT DOORS
 and NO WINDOWS



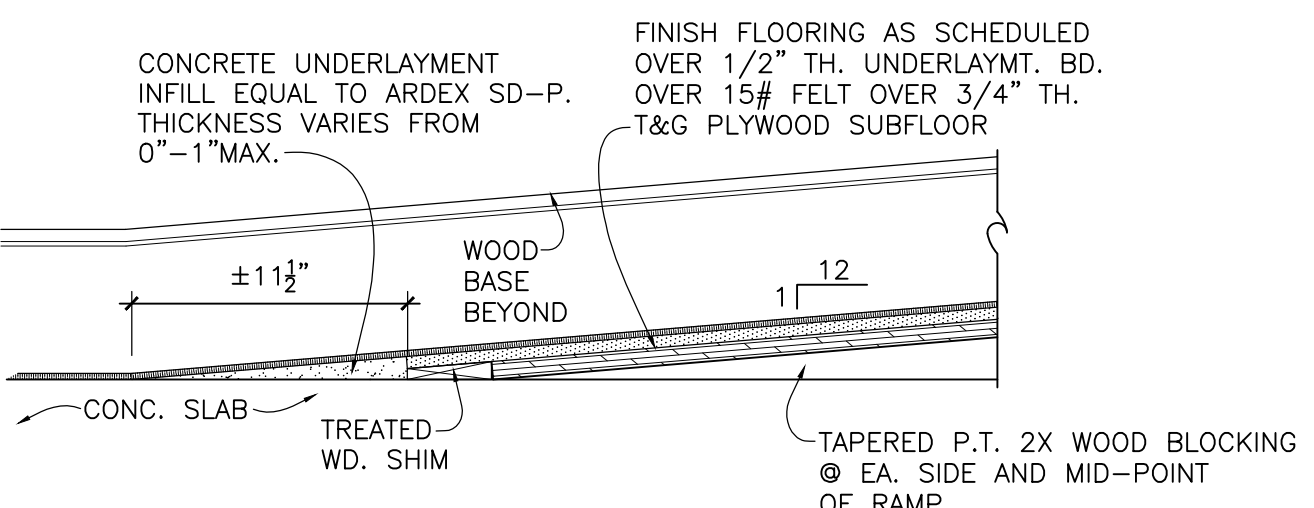
REAR ELEVATION OF COUNCIL DAIS



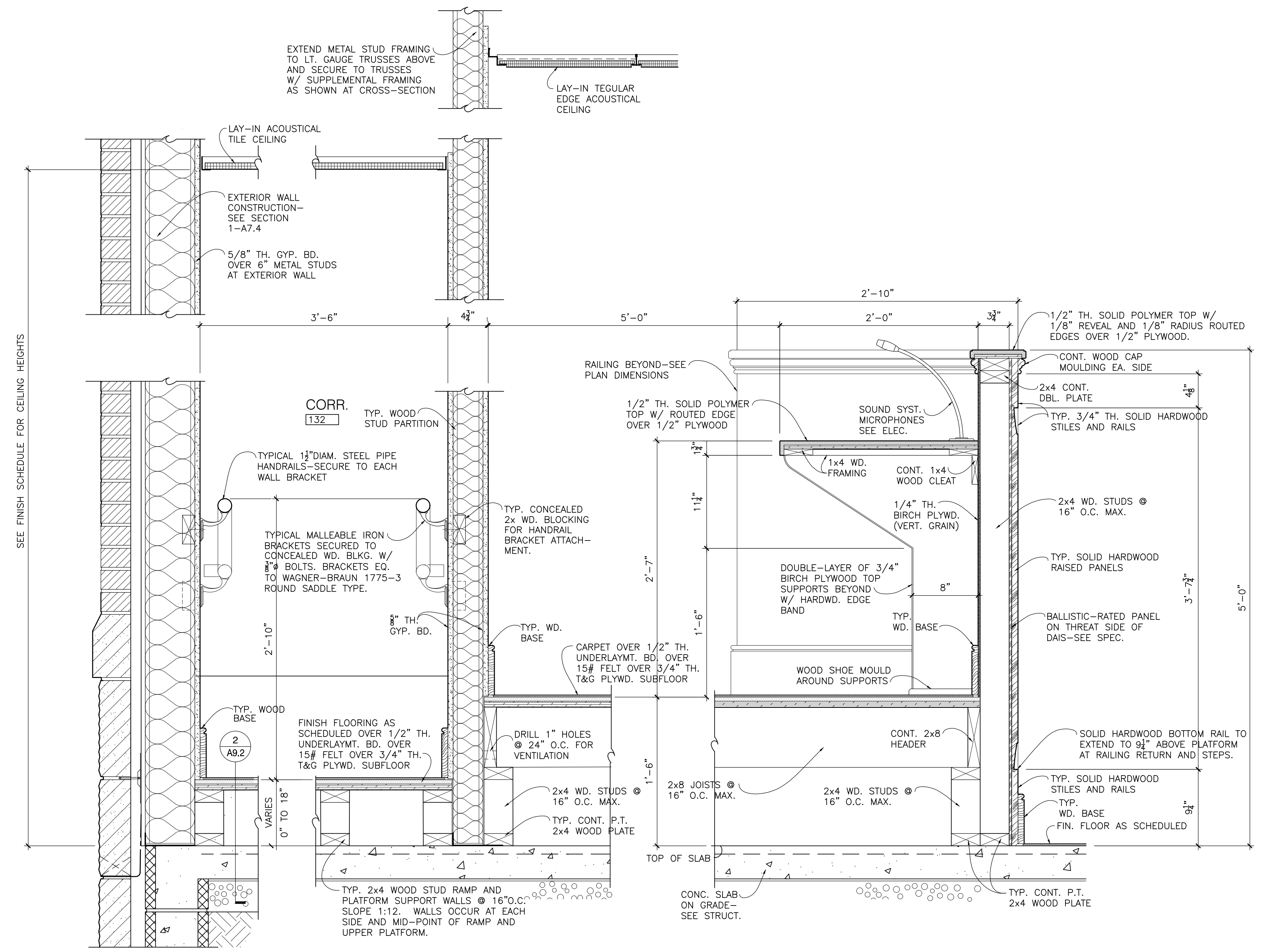
LARGE SCALE PLAN of COUNCIL DAIS
SCALE: 1/4" = 1'-0"



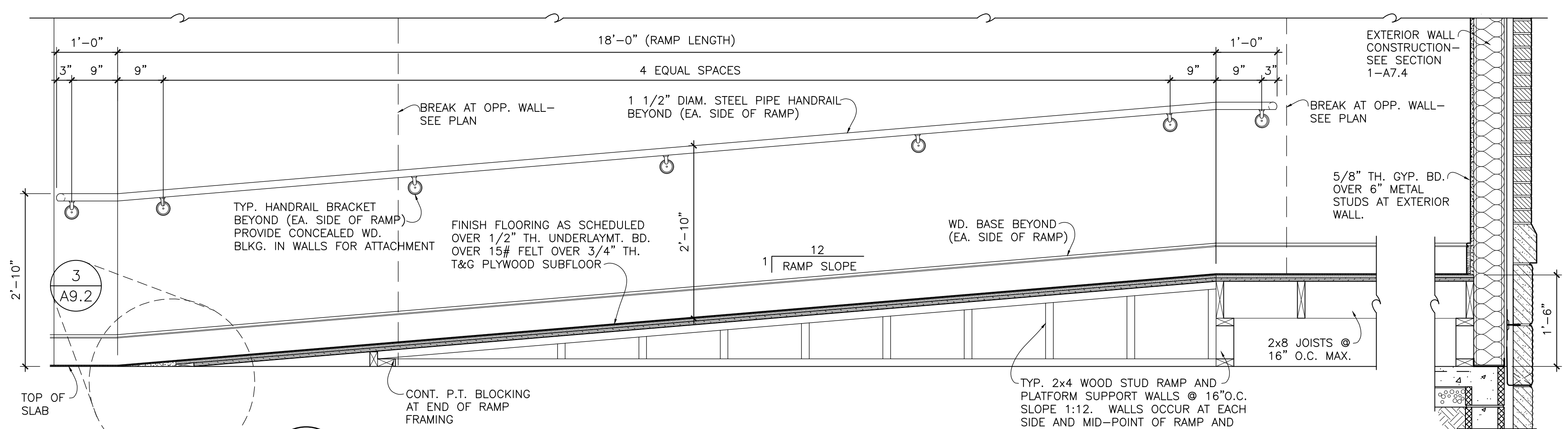
4 STEP DETAIL at COUNCIL DAIS
A9.2 SCALE: 1-1/2" = 1'-0"



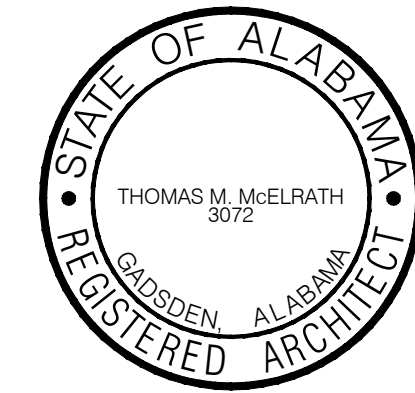
3 BASE of RAMP DETAIL
A9.2 SCALE: 1-1/2" = 1'-0"



1 SECTION thru COUNCIL DAIS PLATFORM and RAMP ALCOVE
A9.2 SCALE: 1-1/2" = 1'-0" SEE LARGE SCALE PLAN THIS SHEET FOR LAYOUT DIMENSIONS.



2 SECTION at RAMP
A9.2 SCALE: 3/4" = 1'-0"

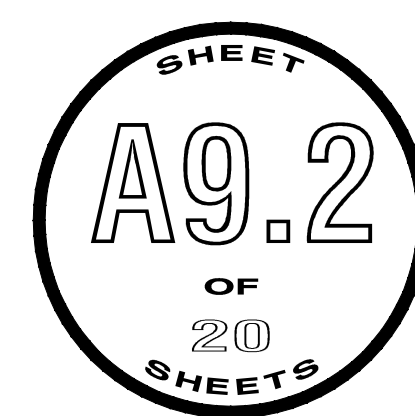


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LARGE SCALE DAIS PLAN and DETAILS

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REVISIONS	



GENERAL NOTES:

- 1. CONTRACTOR SHALL COORDINATE BETWEEN ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND OTHER DRAWINGS:
A. ANY DISCREPANCIES OR CONFLICTS BETWEEN DRAWINGS OF DIFFERENT DISCIPLINES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
B. NOT ALL OPENINGS AND OTHER COMPONENTS THAT ARE REQUIRED HAVE BEEN SHOWN ON THE STRUCTURAL DRAWINGS.
2. IN THE CASE OF INCONSISTENCIES BETWEEN DRAWINGS AND SPECIFICATIONS OR WITHIN EITHER DOCUMENT, A BIDDER WILL BE DEEMED TO HAVE INCLUDED IN ITS BID THE BETTER QUALITY OR GREATER QUANTITY OF THE WORK INVOLVED UNLESS THE BIDDER ASKED FOR AND OBTAINED THE ARCHITECT'S WRITTEN CLARIFICATION OF THE REQUIREMENTS BEFORE SUBMISSION OF BID.
3. ALL DIMENSIONS SHOWN TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS, AND DETAILS. DO NOT SCALE THE DRAWINGS.
4. THE DETAILS PROVIDED ON SHEETS LABELED AS 'TYPICAL DETAILS' APPLY GENERALLY TO THE DRAWINGS IN AREAS WHERE CONDITIONS ARE SIMILAR TO THOSE DESCRIBED IN THE DETAILS, UNLESS NOTED OTHERWISE.
5. ALL OF THE CONTRACTOR'S PROPOSED SUBSTITUTIONS ARE CONSIDERED CHANGE ORDERS AND SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR REVIEW AND/OR APPROVAL PRIOR TO ANY PERTINENT WORK OR FABRICATION.
6. CONSTRUCTION METHODS, PROCEDURES AND SEQUENCES ARE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL TAKE ALL THE NECESSARY MEANS TO MAINTAIN AND PROTECT THE STRUCTURAL INTEGRITY OF ALL CONSTRUCTION, NEW AND EXISTING, AT ALL STAGES INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
A. BRACE ALL BASEMENT-TYPE WALLS RETAINING EARTH UNTIL RESTRAINING SLABS/FLOORS HAVE BEEN INSTALLED AND REACHED REQUIRED DESIGN STRENGTH.
B. BRACE/SHORE ALL WALLS AS REQUIRED TO MAINTAIN STABILITY DURING CONSTRUCTION.
C. SHORE EXISTING FLOORS, WALLS, AND/OR ROOFS AS REQUIRED DURING DEMOLITION OF ANY PORTION OF EXISTING STRUCTURE UNTIL NEW SUPPORT FRAMING HAS BEEN INSTALLED.
7. ALL STRUCTURAL MEMBERS, AS SHOWN, HAVE BEEN DESIGNED TO CARRY IN PLACE DESIGN LOADS ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUPPORT OF ANY LOADS AND FORCES IMPOSED DURING CONSTRUCTION, TRANSPORTATION, ERECTION, AND HANDLING. THE CONTRACTOR SHALL INSURE THAT CONSTRUCTION LOADS DO NOT EXCEED THE DESIGN LIVE LOADS INDICATED ON THE STRUCTURAL DRAWINGS AND THAT THESE LOADS ARE NOT IMPOSED ON THE STRUCTURAL MEMBERS PRIOR TO THE TIME THAT CONCRETE REACHES THE FULL SPECIFIED DESIGN STRENGTH, STEEL MEMBERS AND THEIR CONNECTIONS ARE FULLY BOLTED AND / OR WELDED AND ALL OTHER FRAMING MEMBERS AND THEIR CONNECTIONS ARE IN PLACE.
8. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO ANY PERTINENT WORK OR FABRICATION. ALL EXISTING CONDITIONS AND DIMENSIONS SHALL BE NOTED ON THE SHOP DRAWINGS.
9. ALL CONSTRUCTION JOINTS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE INCORPORATED INTO THE STRUCTURE. ADDITIONAL CONSTRUCTION JOINTS TO FACILITATE CONSTRUCTION SHALL BE LOCATED AND DETAILED ON THE SHOP DRAWINGS FOR REVIEW.
10. ALL EXPOSED CONCRETE EDGES SHALL BE CHAMFERED.

SHOP DRAWINGS/SUBMITTALS:

- 1. SHOP DRAWING SUBMITTAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE PROJECT CONTRACT DOCUMENTS (DRAWINGS AND SPECIFICATIONS) AND SHALL FOLLOW INDUSTRY GUIDELINES AND STANDARDS.
2. ALL QUESTIONS, CLARIFICATIONS, OR MODIFICATIONS OF THE CONTRACT DOCUMENTS SHALL BE CLEARLY DOCUMENTED AND INDICATED ON THE SHOP DRAWING TRANSMITTAL OR COVER SHEET. ITEMS SHALL NOT BE CONSIDERED APPROVED UNLESS SPECIFICALLY ADDRESSED BY MBA IN THE REVIEW COMMENTS.
3. ALL SHOP DRAWINGS ARE TO BE NEWLY PREPARED. REPRODUCTIONS OF CONTRACT STRUCTURAL DRAWINGS FOR USE AS ERECTION DRAWINGS WILL NOT BE PERMITTED. SHOULD SHOP DRAWING SUBMITTALS CONTAIN ANY REPRODUCTIONS OF CONTRACT STRUCTURAL DRAWINGS, THEY WILL BE REJECTED AND RETURNED WITHOUT ENGINEER REVIEW.
A. MBA MAY CONSIDER TRANSFERRING COMPUTER FILES, IN THE FORMAT CREATED, OF THE PLAN SHEETS TO PROJECT SUBCONTRACTORS TO ASSIST IN DEVELOPING SHOP DRAWINGS ON A CASE BY CASE BASIS. A SIGNED FILE TRANSFER AGREEMENT WILL BE REQUIRED PRIOR TO RELEASE OF MBA FILES.
4. CONTRACTOR TO REVIEW ALL SHOP DRAWING SUBMITTALS AND STAMP WITH APPROVAL PRIOR TO SUBMISSION TO ARCHITECT/ENGINEER. SHOP DRAWINGS RECEIVED BY ARCHITECT/ENGINEER THAT HAVE NOT BEEN REVIEWED AND COORDINATED BY THE CONTRACTOR WILL BE RETURNED WITHOUT ARCHITECT/ENGINEER'S REVIEW. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRECTING DIMENSIONS WHICH PERTAIN TO FABRICATION PROCESSES OR CONSTRUCTION TECHNIQUES PRIOR TO SUBMITTAL AND FOR COORDINATION OF WORK OF ALL TRADES.
5. CONTRACTOR MAY PROVIDE REVIEWED AND APPROVED SUBMITTALS IN AN ELECTRONIC .PDF FORMAT FOR ENGINEER REVIEW AND APPROVAL. IN LIEU OF ELECTRONIC SUBMITTALS, CONTRACTOR MAY PROVIDE NO MORE THAN FOUR PAPER COPIES OF EACH STRUCTURAL SHOP DRAWING SUBMITTAL TO THE ARCHITECT. THE STRUCTURAL ENGINEER WILL REVIEW AND RETURN TWO OF THE COPIES TO THE ARCHITECT. ADDITIONAL COPIES REQUIRED BY THE CONTRACTOR SHALL BE MADE BY THE CONTRACTOR AFTER THE REVIEW PROCESS.
6. MBA REVIEW OF SHOP DRAWING SUBMITTALS IS FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND FOR GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS. REVIEW AND/OR APPROVAL OF SHOP DRAWINGS SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR DEVIATIONS FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS OR FOR ERRORS/ OMISSIONS IN THE SHOP DRAWINGS.
7. RESUBMITTED SHOP DRAWINGS SHALL HAVE CHANGES AND/OR ADDITIONS CLEARLY INDICATED. REVIEW OF RESUBMITTED SHOP DRAWINGS IS LIMITED TO THE ITEMS REQUIRING CORRECTION ON THE PREVIOUS SUBMITTAL.

EQUIPMENT NOTES:

- 1. CONTRACTOR SHALL COORDINATE BETWEEN DRAWINGS TO VERIFY ALL EQUIPMENT WEIGHTS, LOCATIONS, AND/OR PENETRATIONS. THIS INFORMATION SHALL BE PROVIDED TO SUBCONTRACTORS PERFORMING DELEGATED DESIGN AND SHALL BE IDENTIFIED ON THE CORRESPONDING SUBMITTAL.
2. EQUIPMENT LOADS CONSIDERED IN THIS DESIGN ARE SHOWN ON PLANS THUSLY (140#). THE STRUCTURAL ENGINEER SHALL BE NOTIFIED AND ALLOWED TO MODIFY THE DESIGN AS REQUIRED IF FINAL EQUIPMENT WEIGHTS ARE HEAVIER OR THE EQUIPMENT LAYOUT DIFFERS FROM THE APPROXIMATE LAYOUT SHOWN ON THE PLAN.
3. CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S CERTIFIED DRAWINGS, SPECIFICATIONS AND/OR OTHER REQUIREMENTS FOR ATTACHING THE EQUIPMENT TO THE STRUCTURE. IF STRUCTURAL MEMBERS CONFLICT WITH ATTACHMENT, THE STRUCTURAL ENGINEER SHALL BE NOTIFIED AND ALLOWED TO MODIFY THE DESIGN AS REQUIRED TO ACCOMMODATE THE MANUFACTURER'S REQUIREMENTS.

SITE AND FOUNDATION:

- 1. THE DESIGN OF FOUNDATIONS AND RELATED COMPONENTS IS BASED ON THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY MBA ENGINEERS, PROJECT NO. G23024, DATED 5/04/23. THE GENERAL CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS AND RECOMMENDATIONS IN THE REPORT.
2. ALLOWABLE SOIL BEARING PRESSURES (PSF):
ISOLATED FOOTINGS 2500
CONTINUOUS FOOTINGS 2500
3. EXCAVATE, WHERE REQUIRED, TO BUILDING AND STRUCTURE SUBGRADE.
4. PROOF-ROLL THE AREA UNDER THE BUILDING, PLUS 5'-0" ON ALL SIDES, WITH A LOADED DUMP TRUCK TO LOCATE ANY SOFT AREAS. A GEOTECHNICAL ENGINEER IS TO BE PRESENT DURING THIS OPERATION. ANY SOFT AREAS DETECTED ARE TO BE UNDERCUT AND REPLACED WITH ENGINEERED FILL.
5. ACCEPTABLE FILL MATERIAL SHALL BE FREE OF ORGANICS, AND HAVE A P.I. OF LESS THAN 25, LL. OF LESS THAN 50 AND A MAXIMUM DRY DENSITY OF GREATER THAN 105 PCF. CRUSHED STONE BACKFILL TO MEET REQUIREMENTS OF A.H.D. No. 57 STONE. DRAINAGE FILL SUPPORTING SLABS SHALL MEET THE REQUIREMENTS OF THE GEOTECHNICAL ENGINEER.
6. FILL, WHERE REQUIRED, IS TO BE PLACED IN 8" LOOSE LIFTS AND COMPACTED TO 98% STANDARD PROCTOR (ASTM D-698), WITHIN ±2% OF OPTIMUM MOISTURE CONTENT.
7. OWNER SHALL ENGAGE A GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION TO PROVIDE REQUIREMENTS FOR ALL SUBGRADES, FILLS AND BACKFILLS PRIOR TO PLACEMENT OF CONCRETE. THE GEOTECHNICAL ENGINEER IS TO PROVIDE ASSURANCE THAT THE REQUIREMENTS WILL ACHIEVE THE ALLOWABLE SOIL BEARING CAPACITIES NOTED.

CONCRETE:

- 1. CONCRETE CONSTRUCTION AND QUALITY ASSURANCE SHALL BE IN ACCORDANCE WITH CURRENT ACI STANDARDS.
2. CONCRETE SCHEDULES
ITEM 28 DAY COMPRESSIVE STRENGTH
A. CONCRETE WALLS, COLUMNS, & BEAM 4000 PSI NORMAL WEIGHT
B. CONCRETE SLAB ON COMPOSITE METAL DECK 4000 PSI STRUCTURAL LIGHTWEIGHT (107 TO 116 PSF)
C. ALL OTHER CONCRETE 3000 PSI NORMAL WEIGHT
3. CONCRETE COVER OVER REINFORCING (UNO)
A. UNFORMED SURFACE IN CONTACT WITH EARTH: 3 IN.
B. UNFORMED SURFACE OVER VAPOR BARRIER: 2 IN.
C. FORMED SURFACES EXPOSED TO EARTH OR WEATHER
#6 AND LARGER 2 IN.
#5 AND SMALLER 1 1/2 IN.
D. FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER: WALLS, SLABS: 3/4 IN.
COLUMNS, BEAMS: 1 1/2 IN. TO TIES

- 4. CONCRETE AT SLABS ON GRADE SHALL HAVE A NOMINAL MAXIMUM COARSE AGGREGATE SIZE OF 3/4 INCH. ADJUST PORTIONS OF COMBINED COARSE, INTERMEDIATE AND FINE AGGREGATES TO PROVIDE A COARSENESS FACTOR OF 60 TO 75%.
5. ALL REINFORCING SHALL CONFORM TO THE LATEST REVISION OF ASTM SPECIFICATION A615, GRADE 60 AND BE DETAILED IN ACCORDANCE WITH THE LATEST REVISION OF ACI STANDARD 315.
6. ALL WELDED WIRE REINFORCING (W.W.R.) SHALL CONFORM TO ASTM A-185. WELDED WIRE REINFORCING SHALL BE LAPPED A MINIMUM OF 1'-0" AND SHALL BE FURNISHED IN SHEETS ONLY (NO ROLLS).
7. NO REINFORCING BAR SHALL BE WELDED IN ANY MANNER, UNLESS SPECIFICALLY SHOWN OR NOTED ON THE DRAWINGS.
8. CONTINUOUS FOOTING REINFORCING BARS SHALL BE LAPPED 30 BAR DIAMETERS, BUT NOT LESS THAN 1'-0".
9. GRADE BEAM, ELEVATED BEAM, AND ELEVATED SLAB REINFORCING BARS SHALL BE SPLICED ONLY AS SHOWN ON THE DRAWINGS, EXCEPT THE REINFORCING DESIGNATED AS "CONTINUOUS" SHALL HAVE A CLASS "B" LAP SPLICE (PER ACI 318). LAP SPLICES OF CONTINUOUS REINFORCING SHALL BE MADE OVER SUPPORTS FOR BOTTOM BARS AND FOR INTERMEDIATE BARS AND AT MID-SPAN FOR TOP BARS. AT EXTERIOR SUPPORTS, TOP AND BOTTOM BARS SHALL BE HOOKED AND INTERMEDIATE BARS SHALL EXTEND TO WITHIN 2" OF EXTERIOR FACE.
10. COLUMN AND WALL VERTICAL REINFORCING BARS SHALL BE LAPPED WITH A CLASS "B" SPLICE. WALL HORIZONTAL REINFORCING BARS SHALL BE LAPPED 30 DIAMETERS AT SPLICE POINTS. PROVIDE CORNER BARS FOR WALLS.
11. PROVIDE FULL EMBEDMENT FOR ALL DOWELS. IF NOT OTHERWISE SPECIFIED, DOWEL SIZE AND SPACING SHALL BE THE SAME AS MAIN REINFORCING.
12. CONSTRUCTION JOINTS IN CONCRETE BEAMS AND SLABS SHALL BE AT OR NEAR MIDSPAN. ALL CONSTRUCTION JOINTS TO BE KEVED.
13. HORIZONTAL CONSTRUCTION JOINTS SHALL NOT BE PERMITTED IN WALLS AND BEAMS, UNLESS SHOWN ON THE STRUCTURAL DRAWINGS.
14. CONDUIT, PIPES, AND SLEEVES SHALL NOT BE SPACED CLOSER THAN 3 DIAMETERS ON CENTER, NOT HAVE AN OUTSIDE DIAMETER GREATER THAN 1/3 THE OVERALL THICKNESS OF THE SLAB, WALL OR BEAM IN WHICH THEY ARE EMBEDDED, AND SHALL HAVE A MINIMUM COVER OF 1 1/2 INCH FOR CONCRETE EXPOSED TO EARTH OR WEATHER AND 3/4 INCH FOR CONCRETE NOT EXPOSED TO EARTH OR WEATHER.
15. PIPING AND CONDUIT SHALL BE SO FABRICATED AND INSTALLED THAT CUTTING, BENDING, OR DISPLACEMENT OF REINFORCEMENT FROM ITS PROPER LOCATION WILL NOT BE REQUIRED.
16. THE CONTRACTOR SHALL SUBMIT, FOR REVIEW, SHOP DRAWINGS FOR ALL REINFORCING BARS INCLUDING DETAILS AT ALL OPENINGS AND ASSOCIATED ADDED REINFORCEMENT AS SHOWN ON TYPICAL DETAILS.

STRUCTURAL STEEL:

- 1. DESIGN, CONSTRUCTION, QUALITY ASSURANCE, AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH CURRENT AISC STANDARDS.
2. ALL STRUCTURAL STEEL WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A992
3. ALL STRUCTURAL STEEL SQUARE, ANGLES AND CHANNELS SHALL CONFORM TO ASTM A36.
4. ALL STRUCTURAL STEEL SQUARE, RECTANGULAR AND ROUND HSS SECTIONS SHALL CONFORM TO ASTM A500, GRADE B.
5. ALL STRUCTURAL STEEL PIPE SHALL CONFORM TO ASTM A53, TYPE E OR S, GRADE B
6. FABRICATION AND ERECTION SHALL CONFORM TO AISC CODE OF STANDARD PRACTICE.
7. ALL WELDING SHALL CONFORM TO AWS STANDARDS. THICKNESS OF WELDS ARE AS SHOWN, SPECIFIED OR REQUIRED.
8. ALL BOLTED CONNECTIONS SHALL BE MINIMUM 3/4" DIAMETER, A325 HIGH STRENGTH BOLTS, UNLESS NOTED OTHERWISE.
9. THE STRUCTURAL STEEL FABRICATOR SHALL PROVIDE CERTIFICATIONS BY A PROFESSIONAL STRUCTURAL ENGINEER (P.E.) REGISTERED IN THE STATE OF ALABAMA THAT THE CONNECTION DESIGN IS IN ACCORDANCE WITH ALL APPLICABLE CODES AND SPECIFICATION DESIGN CALCULATIONS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW.
10. ALL BEAM CONNECTIONS SHALL BE "SIMPLE SHEAR CONNECTIONS" UNLESS NOTED OTHERWISE. WHERE BEAM REACTIONS AND/OR DESIGN FORCES ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS, THE CONNECTIONS SHALL BE DESIGNED TO SUPPORT A REACTION EQUAL TO ONE-HALF THE TOTAL UNIFORM LOAD CAPACITY FROM THE MAXIMUM UNIFORM LOAD TABLE (LATEST AISC MANUAL OF STEEL PRACTICE) MULTIPLIED BY A FACTOR OF 1.2 (NON-COMPOSITE BEAMS) OR 1.45 (COMPOSITE BEAMS) FOR GIVEN SHAPE, SPAN, AND GRADE OF STEEL.

STEEL DECK:

- 1. STEEL DECK CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF SDI STANDARDS.
2. ATTACH ROOF DECK TO SUPPORTS AT 12" OC. W/ 5/8" PUDDLE WELDS. ATTACH TO PERIMETER SUPPORTS AT 6" OC. PROVIDE #10 TEK SCREW SIDELAP FASTENERS AT 12" OC. (MIN. 3 PER SPAN).
3. ATTACH COMPOSITE FLOOR DECK TO SUPPORTS AT 12" OC. W/ 5/8" PUDDLE WELDS. ATTACH TO PERIMETER SUPPORTS AT 6" OC. PROVIDE #10 TEK SCREW SIDELAP FASTENERS AT 12" OC. (MIN. 3 PER SPAN).
4. DECK SUPPORTS AROUND STEEL COLUMNS AND CLOSURE ANGLES SHALL BE SUPPLIED BY THE DECK MANUFACTURER, IF REQUIRED.
5. REINFORCING IN ALL FLOOR SLABS LOCATED 1" FROM THE TOP. SUPPORT AS REQUIRED.
6. DECK SHALL BE CONTINUOUS OVER THREE OR MORE SPANS.

LOAD BEARING COLD-FORMED STEEL FRAMING:

- 1. COLD-FORMED STEEL FRAMING, FABRICATION, AND ERECTION SHALL CONFORM TO CURRENT AISC STANDARDS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS.
2. MINIMUM YIELD STRENGTH (Fy) FOR FRAMING IS 33,000 PSI FOR 33 MIL (20 GA.) AND 43 MIL (18 GA.) MATERIALS, AND 50,000 PSI FOR 54 MIL (16 GA.) AND THICKER MATERIALS.
3. ALL STUDS, TRACK, BRIDGING, AND ACCESSORIES SHALL BE FORMED FROM STEEL HAVING A MINIMUM G60 GALVANIZED COATING MEETING THE REQUIREMENTS OF ASTM A653.
4. ALL WELDS SHALL BE TOUCHED UP WITH ZINC RICH PAINT.
5. LOAD-BEARING WALLS SHALL BE PRE-FABRICATED OFFSITE IN A PRE-PANELIZATION SHOP, IN A CONTROLLED ENVIRONMENT, WITH A CERTIFIED QUALITY CONTROL PROGRAM. THE FACILITY MUST HAVE A MINIMUM OF 2 YEARS OF OPERATION EXPERIENCE.
6. THE PANELIZER SHALL SUBMIT FULLY DIMENSIONED WALL PANEL SHOP DRAWINGS OF EACH INDIVIDUAL WALL PANEL INCLUDING WALL OPENINGS AND THE SIZE, THICKNESS AND SPACING OF EACH STUD. THE PANELIZER SHALL ALSO SUBMIT A FULLY DIMENSIONED PANEL LAYOUT DRAWING LOCATING EACH PANEL ON THE BUILDING PLAN. THESE DRAWINGS MUST BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION AND ERECTION.
7. PANELS MAY BE FABRICATED WITH WELDS OR SCREWS. FIELD WELDING OF MATERIAL LESS THAN 43 MIL (18 GA.) SHALL NOT BE PERMITTED. WELDS SHALL BE PERFORMED BY OPERATORS QUALIFIED IN ACCORDANCE WITH SECTION 6.0 OF THE AMERICAN WELDING SOCIETY'S "STRUCTURAL WELDING CODE-SHEET METAL" (AWS D1.3).
8. STUDS SHALL HAVE FULL BEARING AGAINST THE INSIDE TRACK WEB AT EACH END. STUDS MUST BE CUT SQUARE. THE PANELIZATION FACILITY MUST UTILIZE A COMPRESSION MECHANISM IN THEIR JIGS (i.e.: HYDRAULIC RAMS) TO FULLY SEAT THE STUDS IN THE TRACK PRIOR TO FASTENING.
9. TRACK SPLICES WITHIN A PANEL MUST BE SECURELY ANCHORED TO A COMMON ELEMENT (i.e.: STUD OR HEADER); OR BUTT-WELDED TOGETHER.
10. UNLESS NOTED OTHERWISE, ALL STUDS SHALL BE EQUAL TO A MINIMUM OF 54 MIL (16 GA.) SPACED AT 16" ON CENTER WITH A 54 MIL (16 GA.) TRACK, TOP AND BOTTOM.
11. SPLICING OF WALL STUDS IS NOT ALLOWED WITHOUT SPECIFIC APPROVAL FROM THE ENGINEER OF RECORD.
12. BOTH STUD FLANGES MUST BE ATTACHED TO TRACK AT TOP & BOTTOM WITH MINIMUM #12 SCREWS OR WELD.
13. A MINIMUM OF 10" OF UN-PUNCHED STEEL IS REQUIRED AT BOTH ENDS OF STUDS (NO PUNCHING HOLES OF ANY SIZE IS PERMITTED IN THESE 10 INCHES).
14. LATERAL BRIDGING SHALL BE USED TO RESIST TORSIONAL FORCES ON THE LOAD-BEARING STUDS. BRIDGING SHALL BE 1 1/2" CRC CHANNEL IN 3 5/8" OR 4" STUDS AND 2 1/2" CRC CHANNEL IN 6" STUDS. FULL DEPTH BRIDGING SHALL BE USED IN 8" OR LARGER STUDS. BRIDGING IS TO BE SPACED AT NO MORE THAN 4'-0" O.C. VERTICALLY (APPROXIMATELY ONE-THIRD POINTS).
15. HEADERS FOR WALL OPENINGS SHALL BE AS SPECIFIED ON THE DRAWINGS. WHERE HEADER SIZE IS NOT SPECIFIED ON DRAWINGS, HEADER SHALL BE DESIGNED TO TRANSFER ALL UNIFORM AND/OR CONCENTRATED LOADS. SHEAR SHALL BE TRANSFERRED BY FULL BEARING ON JACK STUDS OR BY SHEAR PLATES/SHEAR PLATE/SLOPE ANGLES. SHEAR PLATES/SLOPE ANGLES SHALL BE 54 MIL (16 GA.) MINIMUM. AT A MINIMUM, CONTINUOUS STUDS LOCATED AT EACH SIDE OF HEADERS SHALL BE EQUAL TO 1/2 THE INTERRUPTED STUDS PLUS ONE STUD EACH SIDE.
16. ALL HEADERS/BUILT-UP BEAMS SHALL BE CONSTRUCTED WITH UNPUNCHED MATERIAL ONLY.
17. SPLICING OF HEADERS/BUILT-UP BEAMS IS NOT ALLOWED WITHOUT SPECIFIC APPROVAL FROM THE ENGINEER OF RECORD.
18. VOIDS BENEATH TRACK SHALL NOT BE PERMITTED. CONTRACTOR SHALL PROVIDE A REASONABLY LEVEL SLAB WITH TOLERANCE OF 1/8" IN 10 FEET. WHERE UNEVENNESS OF SUPPORTING FLOOR PREVENTS CONTINUOUS SOLID BEARING, PANEL OR TRACK SHALL BE LEVELED BY A METHOD APPROVED BY THE ENGINEER OF RECORD.
19. MINIMUM TRACK FASTENING SHALL BE .177" DIAMETER POWDER ACTUATED FASTENERS SPACED AT 16" ON CENTER (UNO.), WITH 1" MINIMUM PENETRATION INTO CONCRETE.
20. NOTCHING, COPING OR CUTTING OF COLD-FORMED STEEL FRAMING OR PREFABRICATED PANELS IS NOT PERMITTED WITHOUT SPECIFIC APPROVAL FROM THE ENGINEER OF RECORD.
21. MULTIPLE STUD "COLUMNS" SHALL BE WELDED TOGETHER IN GROUPS OF AT LEAST 2 STUDS WITH 2" TOP AND BOTTOM AND 1" @24" OC. BOTH SIDES IN BETWEEN.

PRE-FABRICATED COLD-FORMED STEEL TRUSSES:

- 1. THE DESIGN, MANUFACTURE, QUALITY ASSURANCE AND ERECTION OF COLD-FORMED STEEL TRUSSES SHALL BE IN ACCORDANCE WITH THE CURRENT AISI NORTH AMERICAN STANDARDS FOR COLD-FORMED STEEL FRAMING.
2. A TRUSS DESIGN PACKAGE SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW PRIOR TO FABRICATION AND ERECTION. THIS PACKAGE SHALL INCLUDE, AT A MINIMUM, EACH INDIVIDUAL TRUSS DESIGN DRAWINGS AND CALCULATION, THE TRUSS PLACEMENT DIAGRAM, THE PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT/BRACING METHOD AND DETAILS, AND ANY OTHER STRUCTURAL DETAILS GERMANE TO THE TRUSSES. THE TRUSS DESIGN DRAWINGS SHALL BEAR THE SEAL AND SIGNATURE OF THE TRUSS DESIGNER WHO SHALL BE REGISTERED IN THE STATE OF ALABAMA.
3. TRUSS TO TRUSS CONNECTIONS SHALL BE DESIGNED AND SPECIFIED BY THE TRUSS MANUFACTURER FOR THE DESIGN LOADS.
4. TRUSS MANUFACTURER SHALL DESIGN AND PROVIDE COLD-FORMED STEEL FRAMING FOR ALL RIDGE, HIP RIDGE AND VALLEY MEMBERS.
5. ALL TEMPORARY AND PERMANENT BRACING MEMBERS AND CONNECTIONS REQUIRED FOR TRUSSES SHALL BE DESIGNED AND DETAILED BY THE TRUSS DESIGNER. AT A MINIMUM, TRUSS INSTALLER SHALL COMPLY WITH THE "GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING, RESTRAINING, AND BRACING OF COLD-FORMED STEEL TRUSSES" BY THE COLD-FORMED STEEL COUNCIL.
6. TRUSSES SHALL BE DESIGNED FOR THE FOLLOWING SUPERIMPOSED LOADS:
ROOF TOP CHORD DEAD LOAD-----10 PSF
ROOF BOTTOM CHORD DEAD LOAD-----10 PSF
ROOF TOP CHORD LIVE LOAD-----20 PSF
7. TRUSSES SHALL BE DESIGNED FOR COMPONENT AND CLADDING WIND LOADS BASED ON THE PROVIDED DESIGN CRITERIA AND COMPONENT AND CLADDING WIND LOAD TABLES.
8. TRUSS DESIGNER SHALL VERIFY THAT ALL EQUIPMENT WEIGHTS, CONCENTRATED LOADS, AND LOCATIONS ARE PROVIDED BY THE GENERAL CONTRACTOR. GENERAL CONTRACTOR SHALL PROVIDE THIS INFORMATION TO THE TRUSS DESIGNER. THE LOADS AND CORRESPONDING LOCATIONS SHALL BE IDENTIFIED ON THE TRUSS PLACEMENT DIAGRAM.
9. MECHANICAL DUCT OPENINGS IN TRUSSES SHALL BE COORDINATED WITH THE MECHANICAL DRAWINGS TO ACCOMMODATE THE DUCT LOCATION AND SIZE WITH INSULATION.

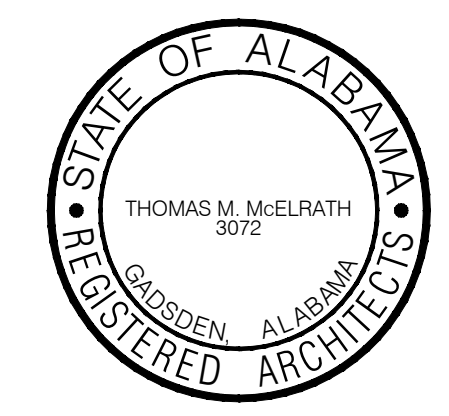
DESIGN CRITERIA:

- 1. GOVERNING CODE:
A. INTERNATIONAL BUILDING CODE, I.B.C. 2021
2. GRAVITY DESIGN LOADS:
A. DEAD
1. DESIGN DEAD LOADS ARE BASED ON THE SELF WEIGHT OF CONSTRUCTION MATERIALS SHOWN IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. ANY ALTERNATE MATERIALS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER TO REVIEW.
B. LIVE:
1. TYPICAL FLOOR 60 PSF + 20 PSF PARTITION LOAD
2. STAIRS, RAMPS 100 PSF
3. CORRIDORS 100 PSF
4. MECHANICAL/STORAGE 125 PSF
5. ROOF 20 PSF
C. SNOW
1. GROUND SNOW LOAD (Pg) = 5 PSF
2. FLAT ROOF SNOW LOAD (Pfl) = 5 PSF
3. SNOW EXPOSURE FACTOR (Ce) = 1.0
4. SNOW LOAD IMPORTANCE FACTOR (Is) = 1.1
5. THERMAL FACTOR (Ct) = 1.0
3. LATERAL DESIGN LOADS:
A. WIND
1. DESIGNED PER ASCE 7-16
2. ULTIMATE WIND SPEED = 115 MPH
3. NOMINAL WIND SPEED = 90 MPH
4. RISK CATEGORY = III
5. BUILDING CATEGORY = ENCLOSED
6. EXPOSURE CATEGORY = C
7. INTERNAL PRESSURE COEFFICIENT (GCpi) = ±0.18
8. COMPONENTS & CLADDING WIND PRESSURES SEE CHART
B. EARTHQUAKE
1. SEISMIC RISK CATEGORY = III
2. SEISMIC IMPORTANCE FACTOR (Ie) = 1.25
3. MAPPED SPECTRAL RESPONSE ACCELERATIONS
A. Ss = 0.317
B. S1 = 0.103
4. SOIL SITE CLASS = D
5. DESIGN SPECTRAL RESPONSE ACCELERATIONS
A. Sds = 0.327
B. Sd1 = 0.164
6. SEISMIC DESIGN CATEGORY = C
7. BASIC SEISMIC-FORCE-RESISTING SYSTEM
STEEL ORDINARY MOMENT FRAMES
8. DESIGN BASE SHEAR = 65 KIPS
9. SEISMIC RESPONSE COEFFICIENT (Cs) = 0.126
10. RESPONSE MODIFICATION FACTOR (R) = 3.25
11. ANALYSIS PROCEDURE:
EQUIVALENT LATERAL FORCE
SPECIAL INSPECTIONS:
1. THE OWNER SHALL EMPLOY A QUALIFIED TESTING AGENT/ENGINEER TO PROVIDE SPECIAL INSPECTIONS. SPECIAL INSPECTORS SHALL SUBMIT RESUME OF EXPERIENCE AND QUALIFICATIONS OF ALL INDIVIDUALS PERFORMING WORK TO THE ARCHITECT/STRUCTURAL ENGINEER OF RECORD FOR APPROVAL PRIOR TO ANY WORK BEING PERFORMED. SPECIAL INSPECTIONS SHOULD BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, 2021 ED. AND AS INDICATED IN THE SPECIFICATIONS.

DELEGATED DESIGN SUBMITTALS:

- 1. THE FOLLOWING DELEGATED DESIGN SUBMITTALS SHALL BE SUBMITTED TO THE ARCHITECT, STRUCTURAL ENGINEER, AND BUILDING OFFICIAL FOR APPROVAL. REFER TO MATERIAL SPECIFIC SECTION OF NOTES THIS SHEET FOR ADDITIONAL INFORMATION.
- STRUCTURAL STEEL CONNECTIONS
- STRUCTURAL STEEL STAIRS
- COLD FORMED STEEL FRAMING
- COLD FORMED STEEL TRUSSES

TENSION LAP SPLICE LENGTH table with columns for BAR SIZE, TOP BARS, OTHER BARS, and values for fc = 3000 PSI and fc = 4000 PSI.



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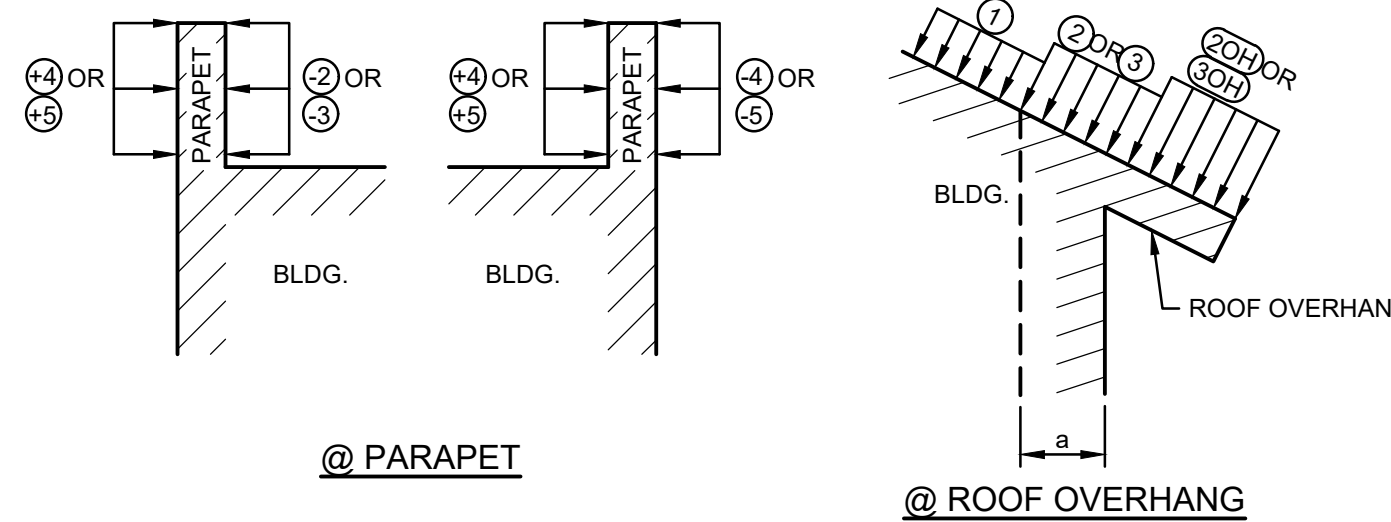
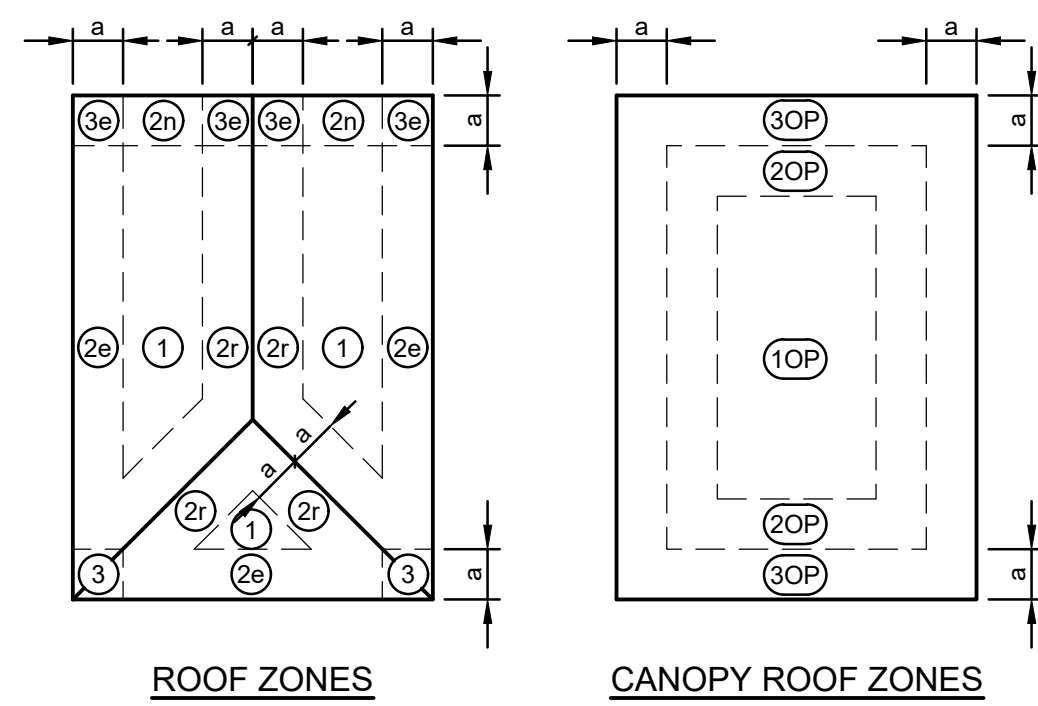
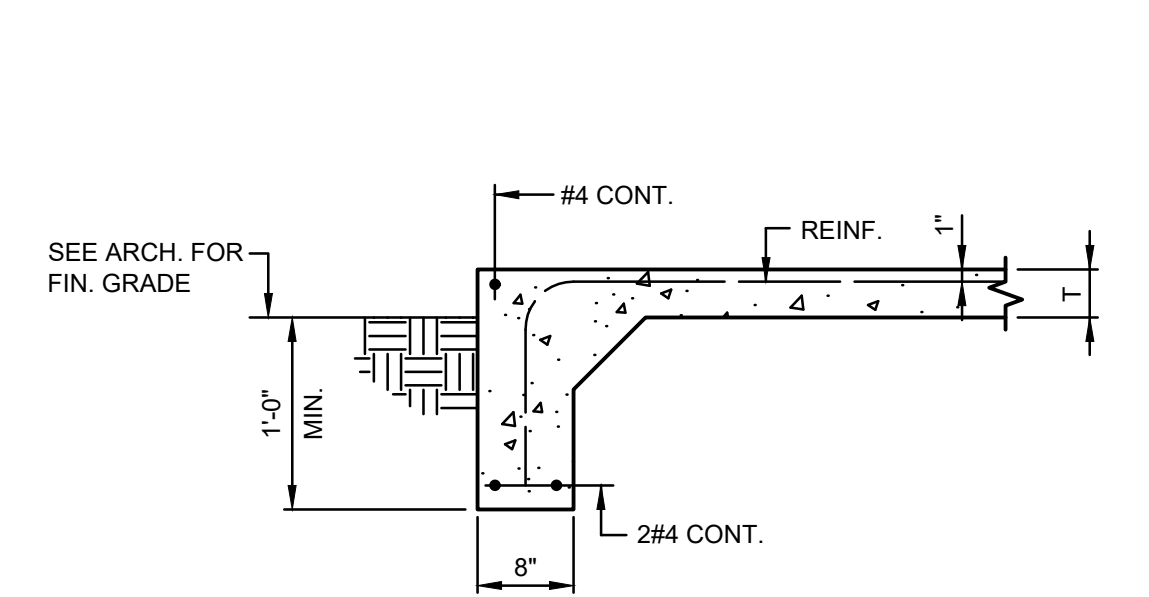
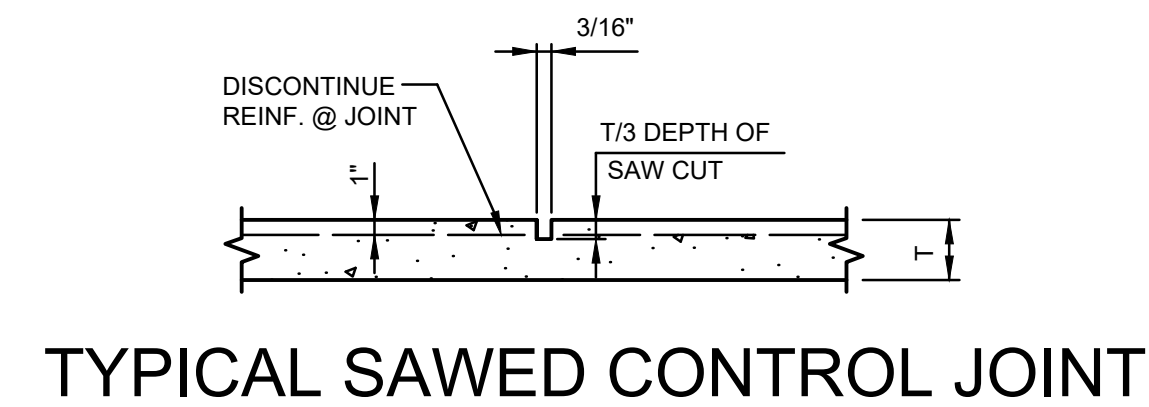
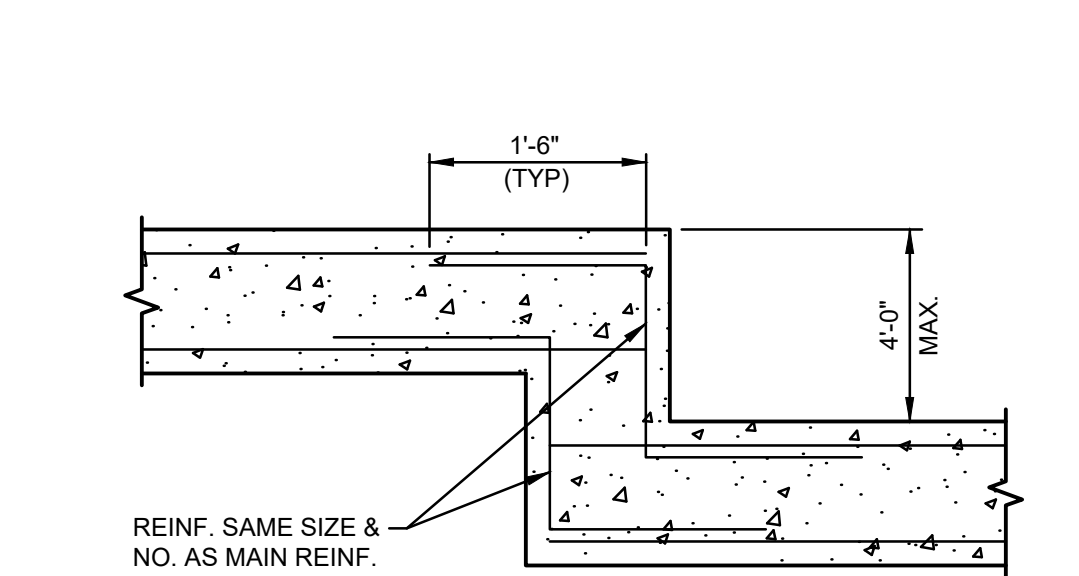
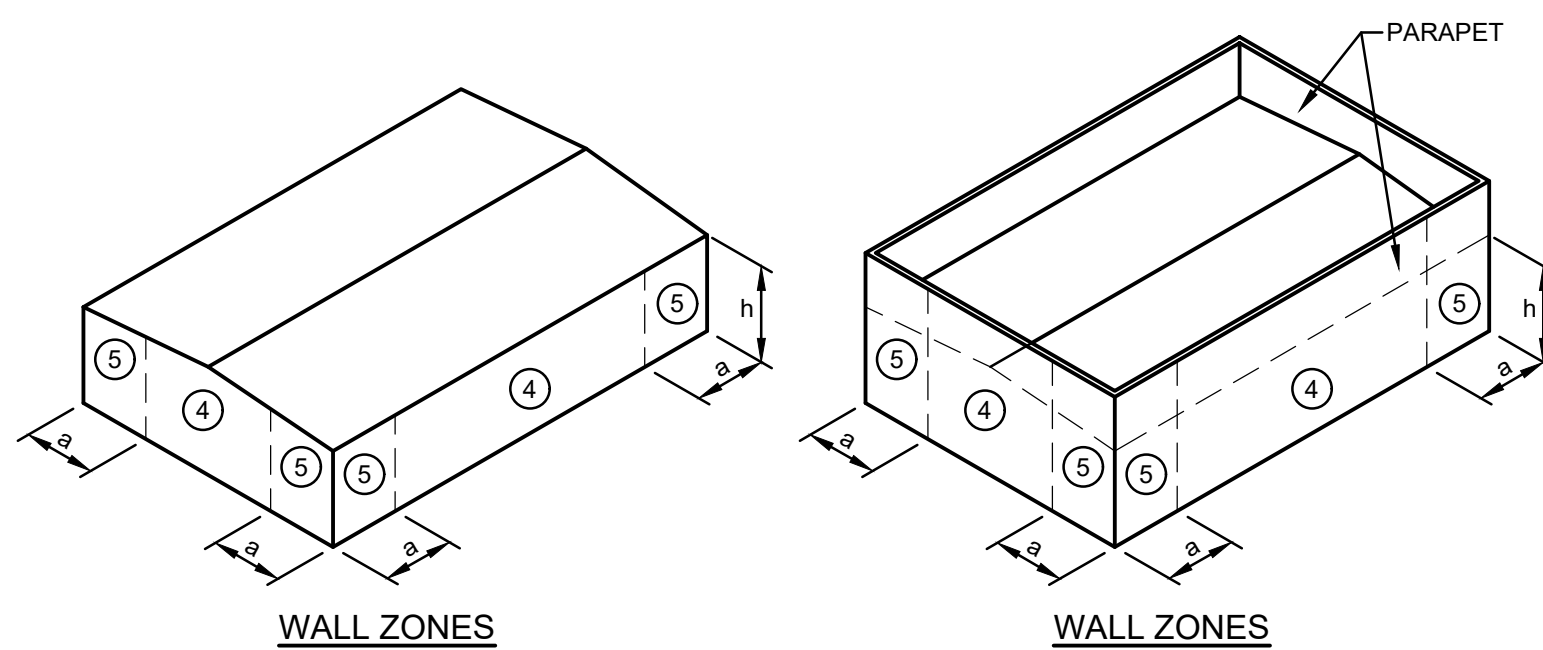
A NEW CITY HALL and MUNICIPAL OFFICE FACILITY for the CITY OF CENTRE, ALABAMA
350 E. MAIN STREET

GENERAL NOTES
DRAWN KLO
CHECKED KLO
SCALE AS NOTED
DATE FEBRUARY 28, 2024
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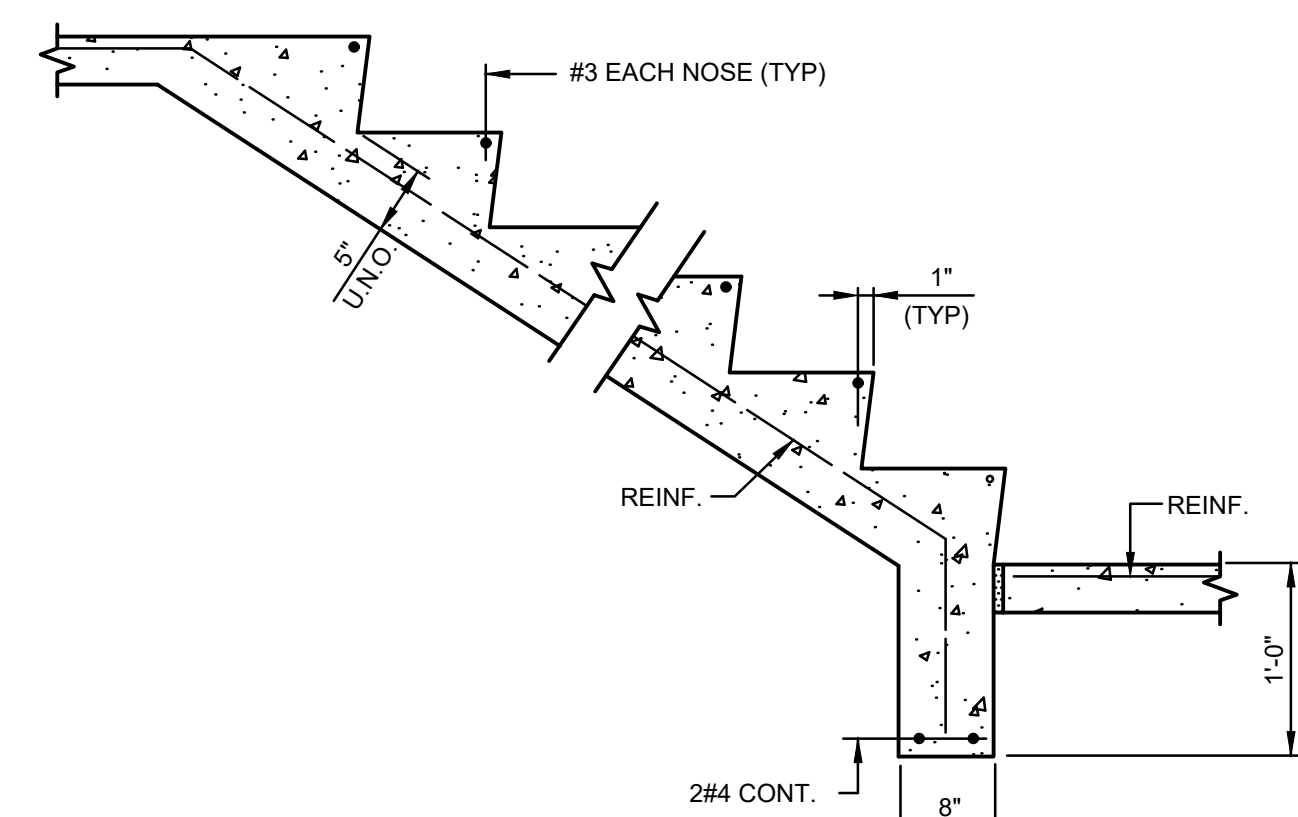
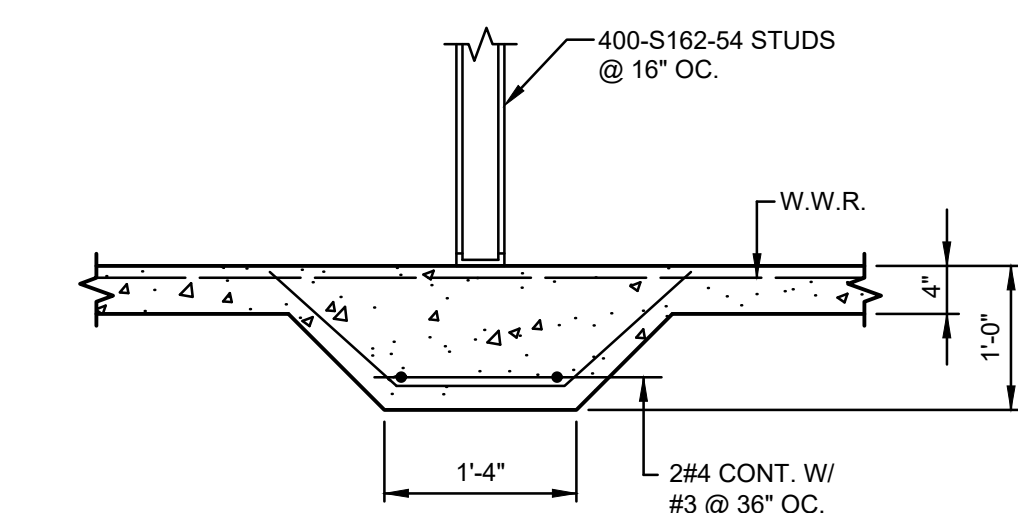
TYPICAL FOOTING STEP DETAIL

NOTES:

- USE SAWS, BLADES AND SKID PLATES BY SOFF-CUT INTERNATIONAL OR EQUAL.
- SEE PLAN FOR JOINT LAYOUT OR PROVIDE @ 12'-0" OC. MAX. EA. WAY.
- START CUTTING SAWED JOINTS AS SOON AS CONCRETE HAS HARDENED SUFFICIENTLY TO PREVENT RAVELING OR DISLODGING OF AGGREGATES. THIS WILL TYPICALLY BE FROM 1 HOUR IN HOT WEATHER TO 4 HOURS IN COLD WEATHER AFTER COMPLETING FINISHING OF SLAB IN THAT JOINT LOCATION.
- EXTEND SAWED JOINT TO THE SLAB BOUNDARIES AND ABUTMENTS, INCLUDING COLUMNS, DRAINS AND OTHER PENETRATIONS IN THE PATH OF A DEFINED JOINT. IMPLEMENT METHODS AND TIMING OF THE SAW CUT BEYOND THE LIMITS OF THE SOFF-CUT SAW REACH TO PROVIDE A CONSISTENT DEPTH OF CUT WITH MINIMAL RAVELING OF JOINT EDGES.
- T = SLAB THICKNESS (SEE PLAN).

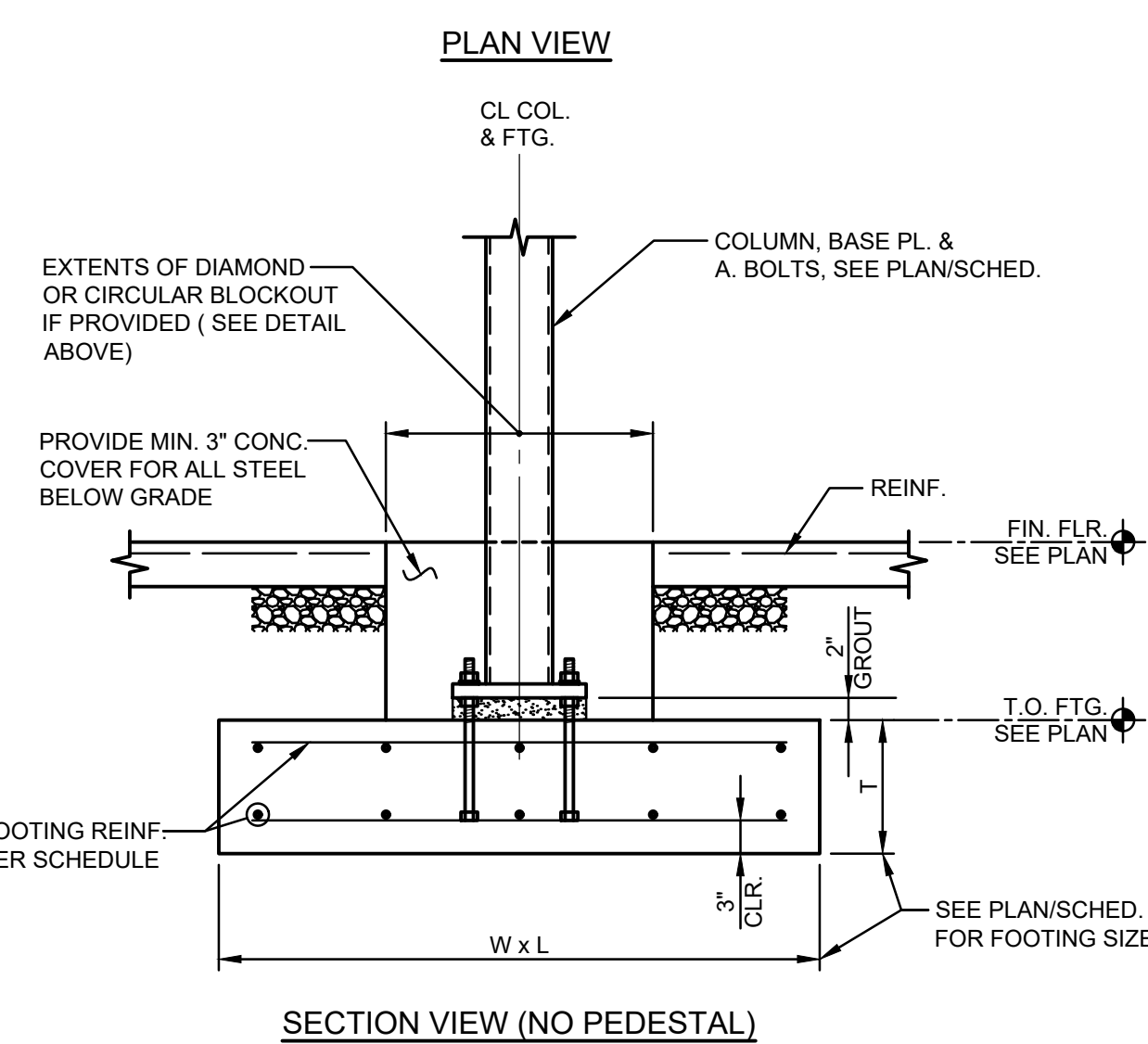
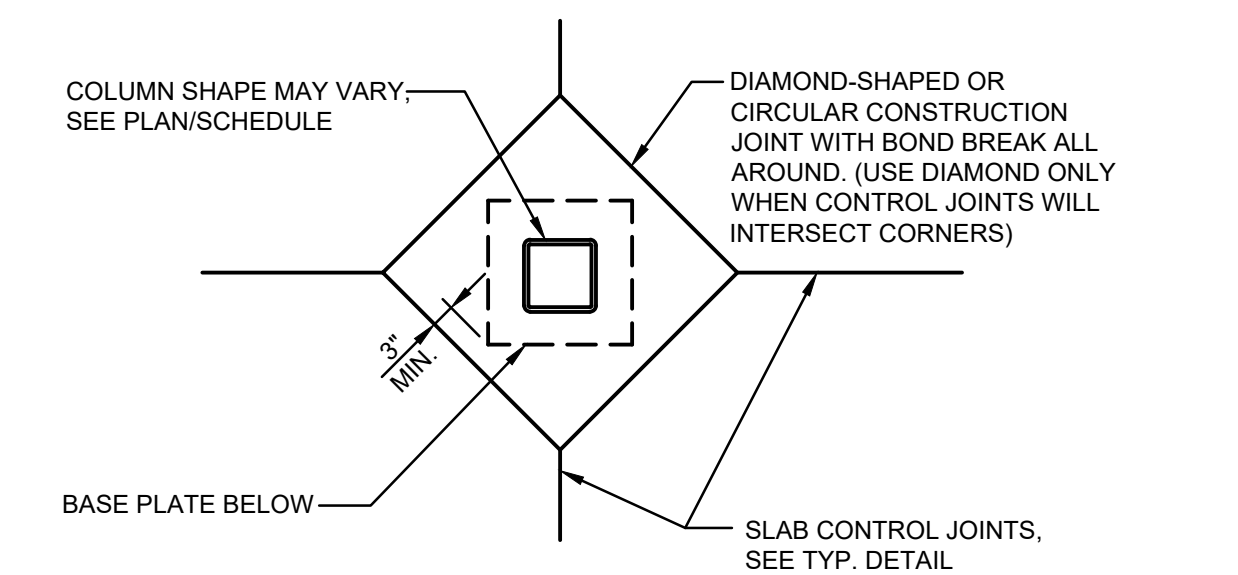
TYPICAL TURNDOWN SLAB DETAIL

NOTE:
T = SLAB THICKNESS (SEE PLAN)



TYPICAL THICKENED SLAB @ LOAD BEARING STUD WALLS

TYPICAL STAIR ON GRADE



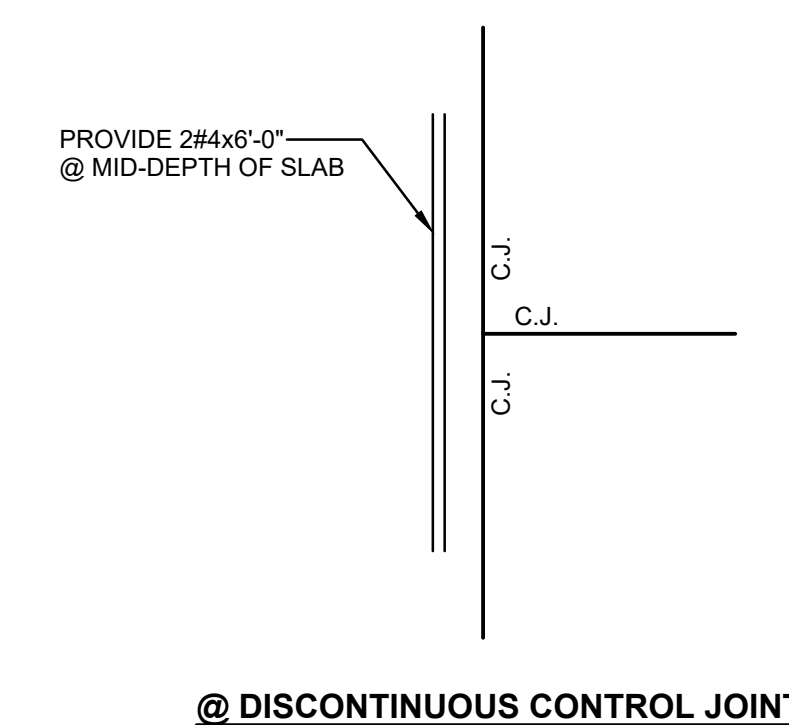
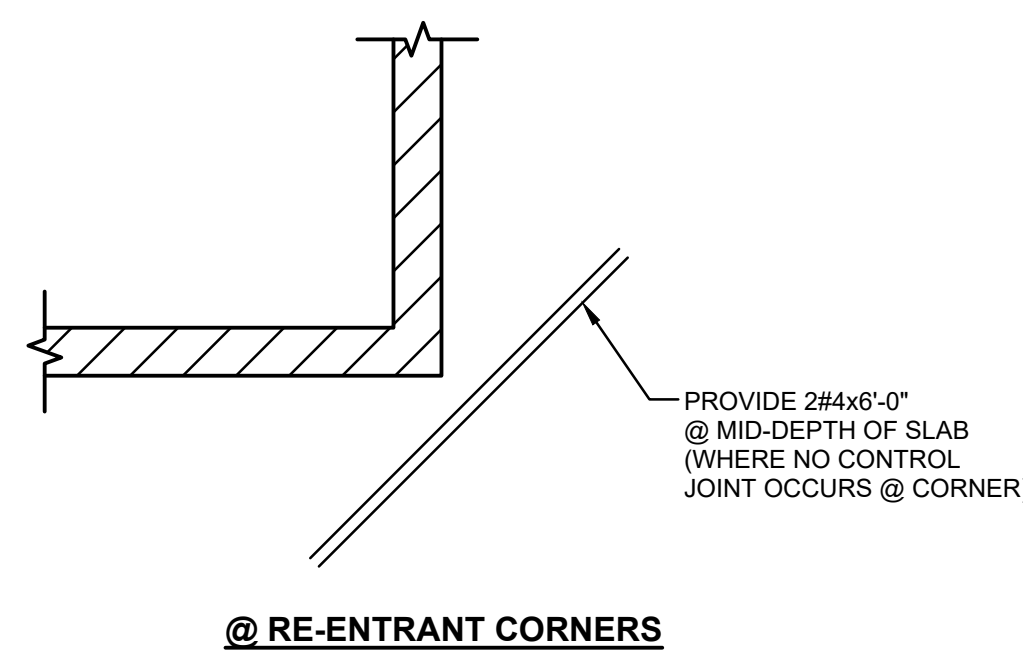
TYPICAL COLUMN FOOTING DETAILS

COMPONENTS AND CLADDING DESIGN WIND PRESSURES (PSF)

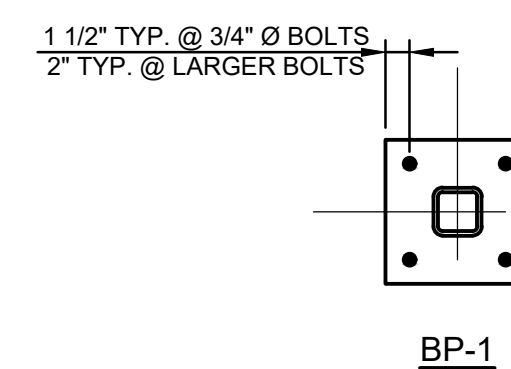
ZONE	EFFECTIVE WIND AREA									
	10 SF		20 SF		50 SF		100 SF		200 SF	
	XXX	-XXX	XXX	-XXX	XXX	-XXX	XXX	-XXX	XXX	-XXX
1	20	-47	18	-47	16	-40	16	-34	16	-34
2e	20	-47	18	-47	16	-40	16	-34	16	-34
2n	20	-74	18	-65	16	-53	16	-44	16	-44
2r	20	-74	18	-65	16	-53	16	-44	16	-44
3e	20	-74	18	-65	16	-53	16	-44	16	-44
3r	20	-96	18	-78	16	-55	16	-55	16	-55
2OH	20	-74	18	-65	16	-53	16	-44	16	-44
3OH	23	-110	21	-90	18	-63	16	-63	16	-63
4	33	-36	31	-34	30	-32	28	-31	28	-31
5	33	-44	31	-41	30	-37	28	-34	28	-34
1OP	61	-59	61	-59	61	-59	61	-59	61	-59
2OP	91	-89	91	-89	91	-89	91	-89	91	-89
3OP	121	-117	121	-117	91	-89	91	-89	61	-59

NOTE:

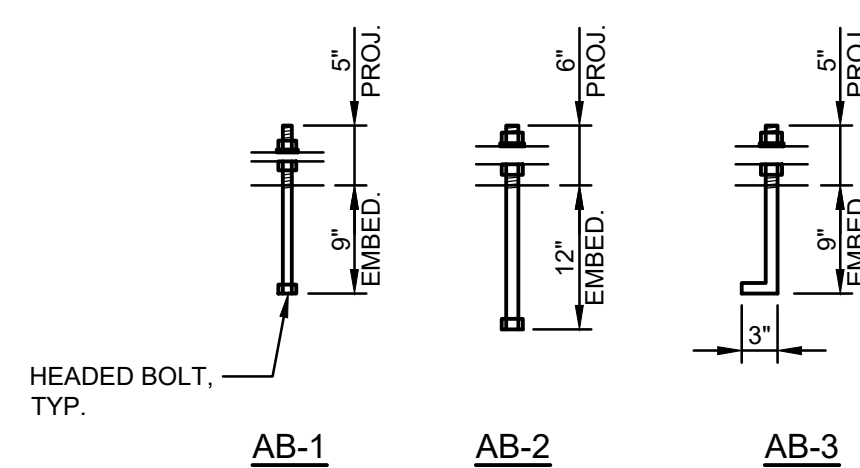
- PLUS AND MINUS SIGNS DENOTE PRESSURE ACTING TOWARD AND AWAY FROM BUILDING SURFACES.
- PRESSURE ZONE LOCATIONS ARE IN ACCORDANCE WITH ASCE 7-16.
- PRESSURES INDICATED ARE BASED ON ULTIMATE WIND SPEEDS PER ASCE 7-16. TO CONVERT PRESSURES TO NOMINAL LOADS, MULTIPLY VALUES IN CHART BY A FACTOR OF 0.6.
- a = 6'-0"



TYPICAL ADDITIONAL REINFORCING @ SLAB ON GRADE

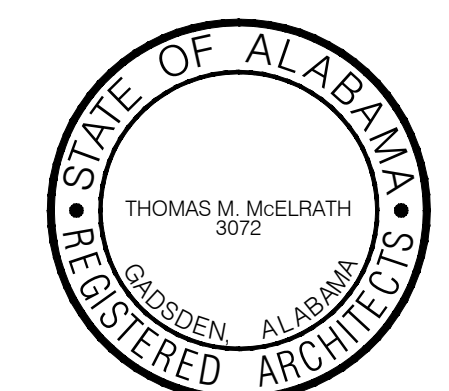


TYPICAL BASE PLATE DETAIL



TYPICAL ANCHOR BOLT DETAILS

USE ASTM F1554 GRADE 55 WITH WELDABILITY SUPPLEMENT S1 FOR ALL ANCHOR BOLTS UNO.



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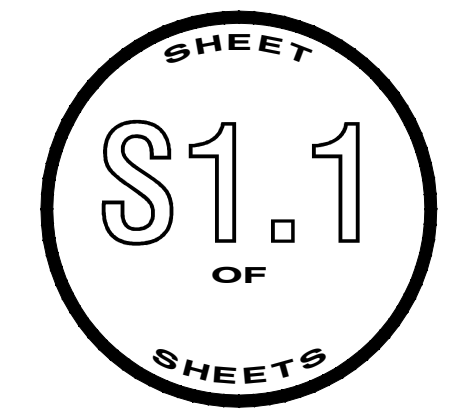
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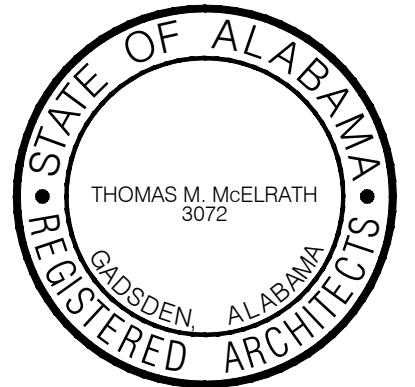
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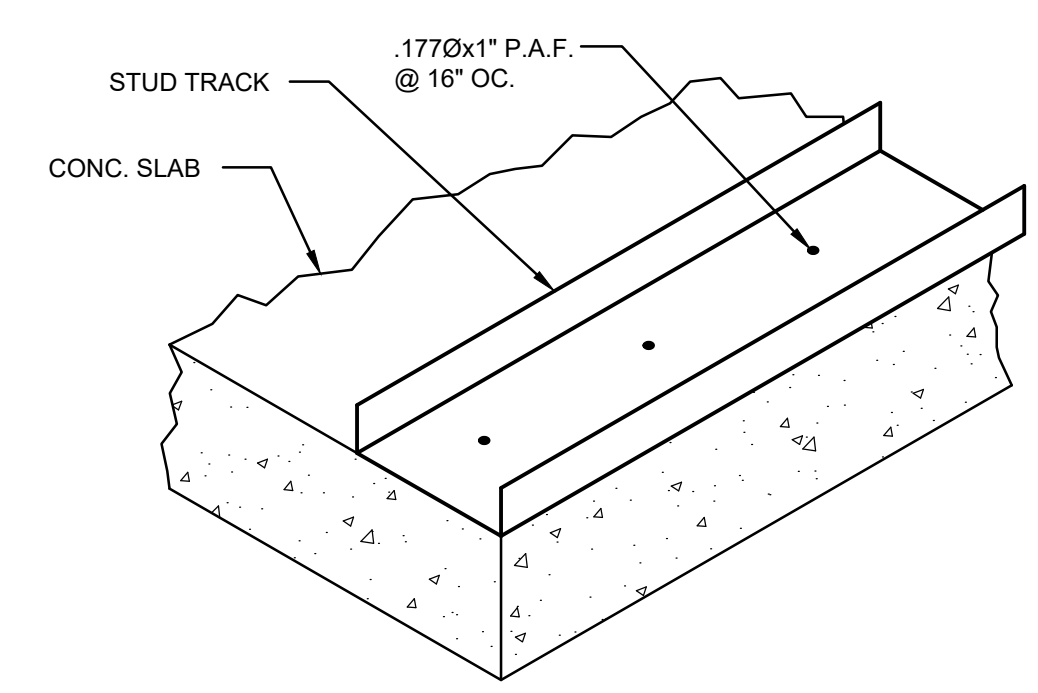
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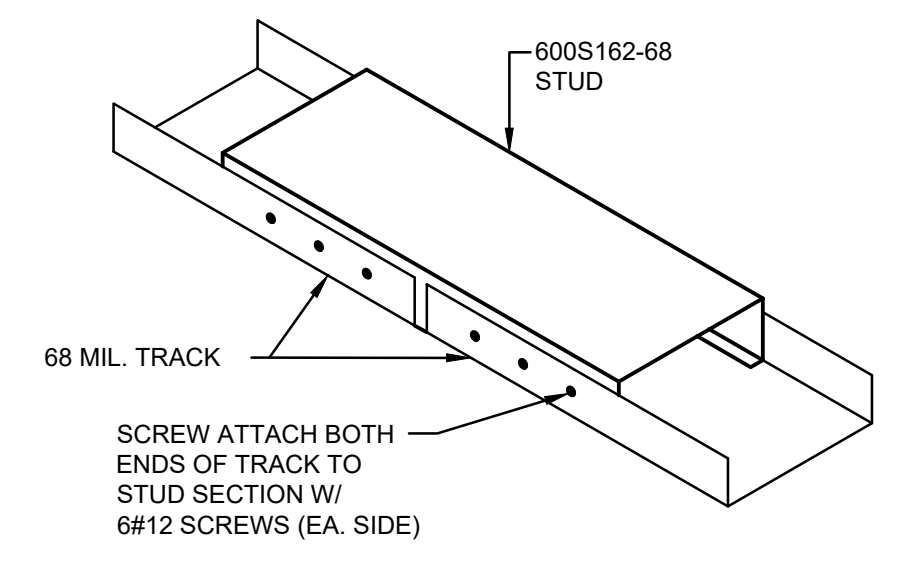
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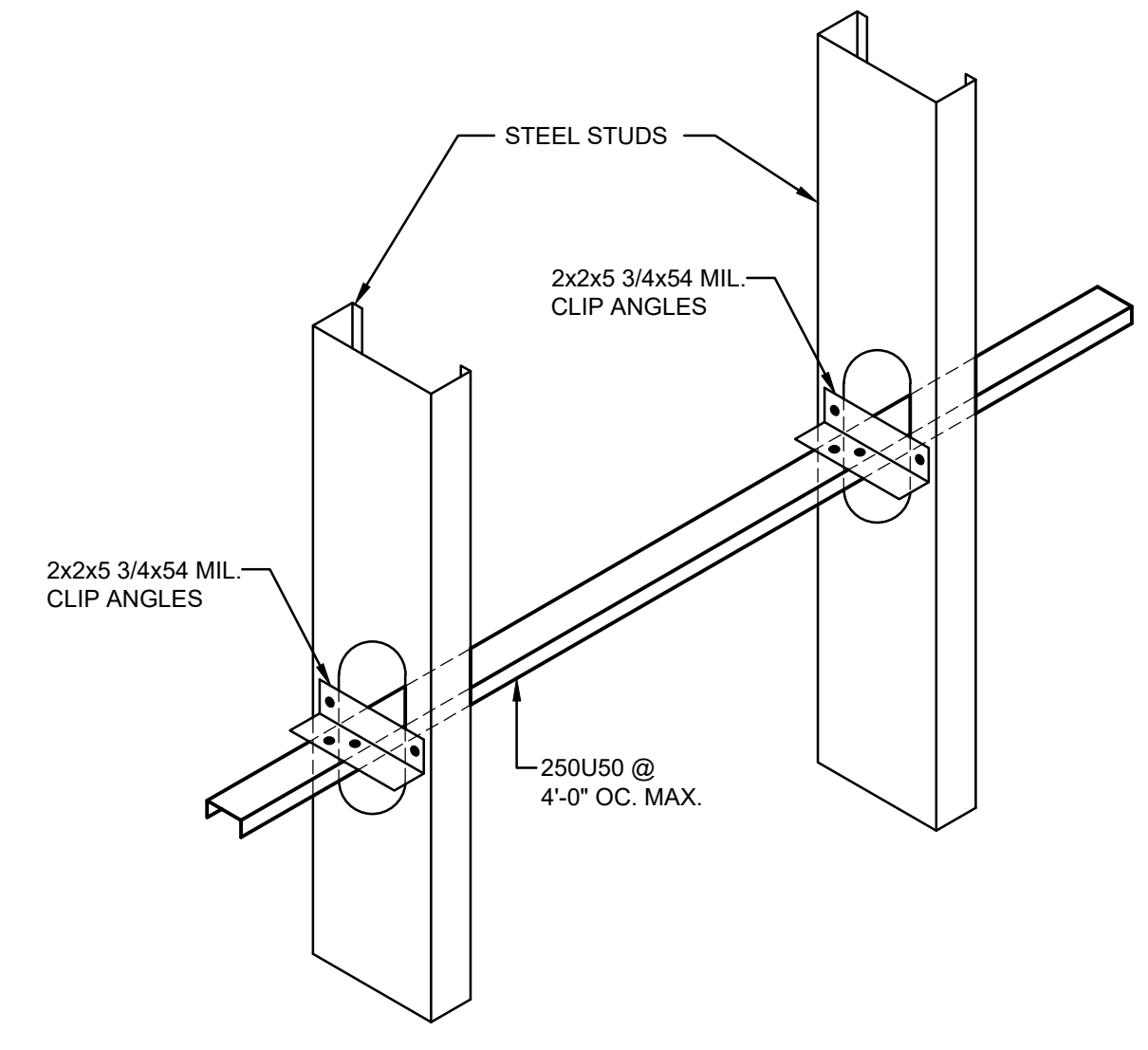
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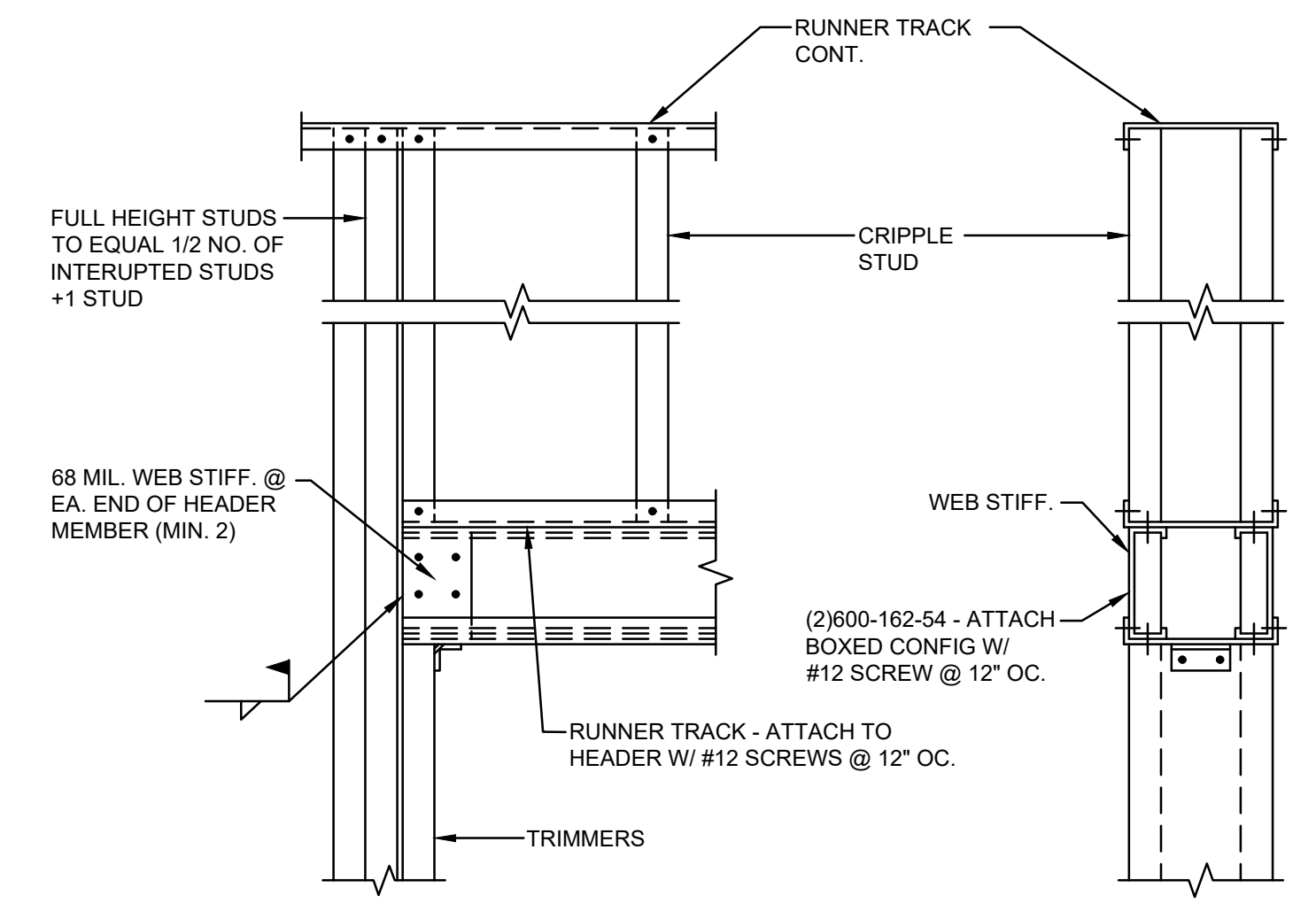
TYPICAL STUD TRACK TO SLAB ATTACHMENT DETAIL



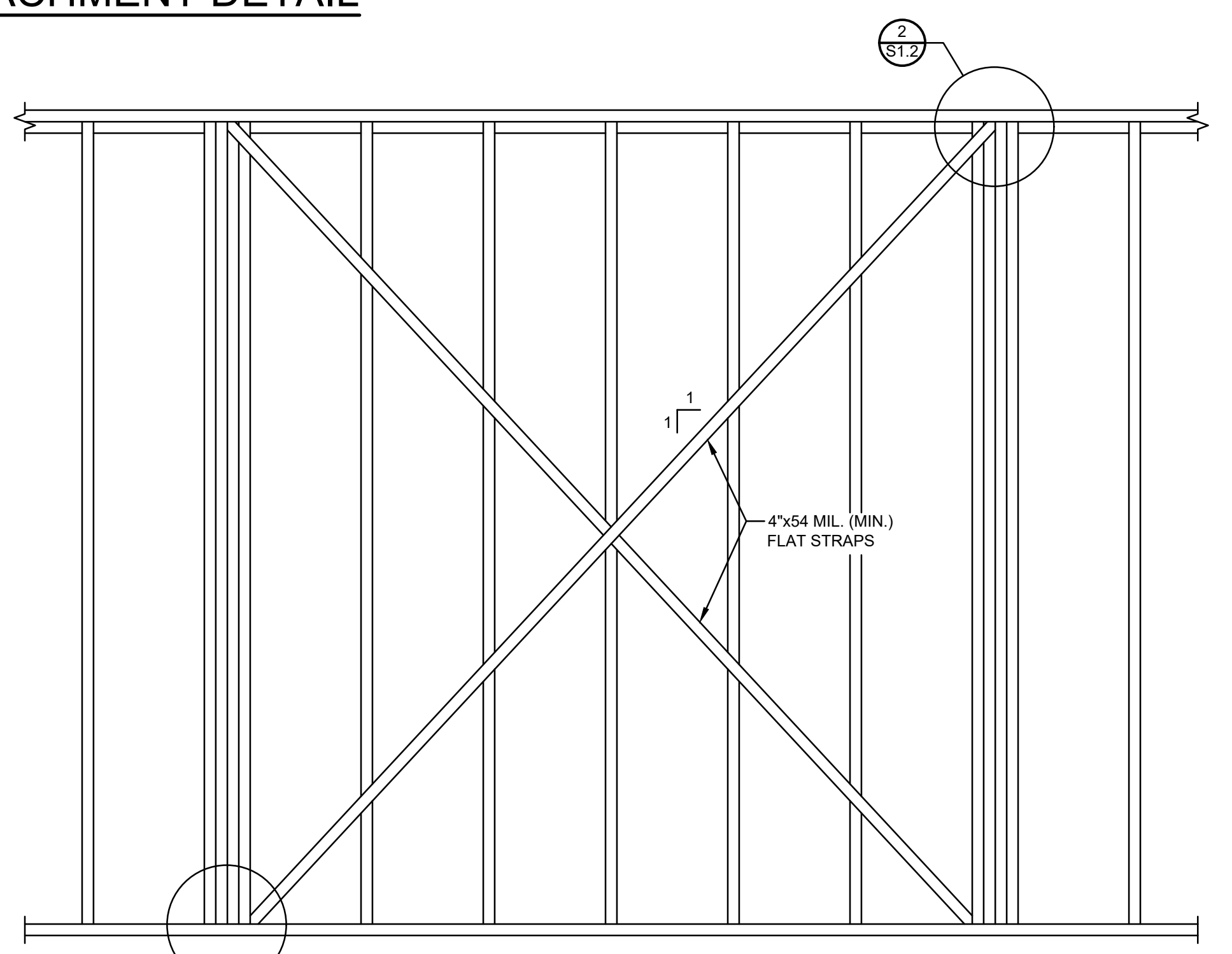
TYPICAL TRACK SPLICE DETAIL



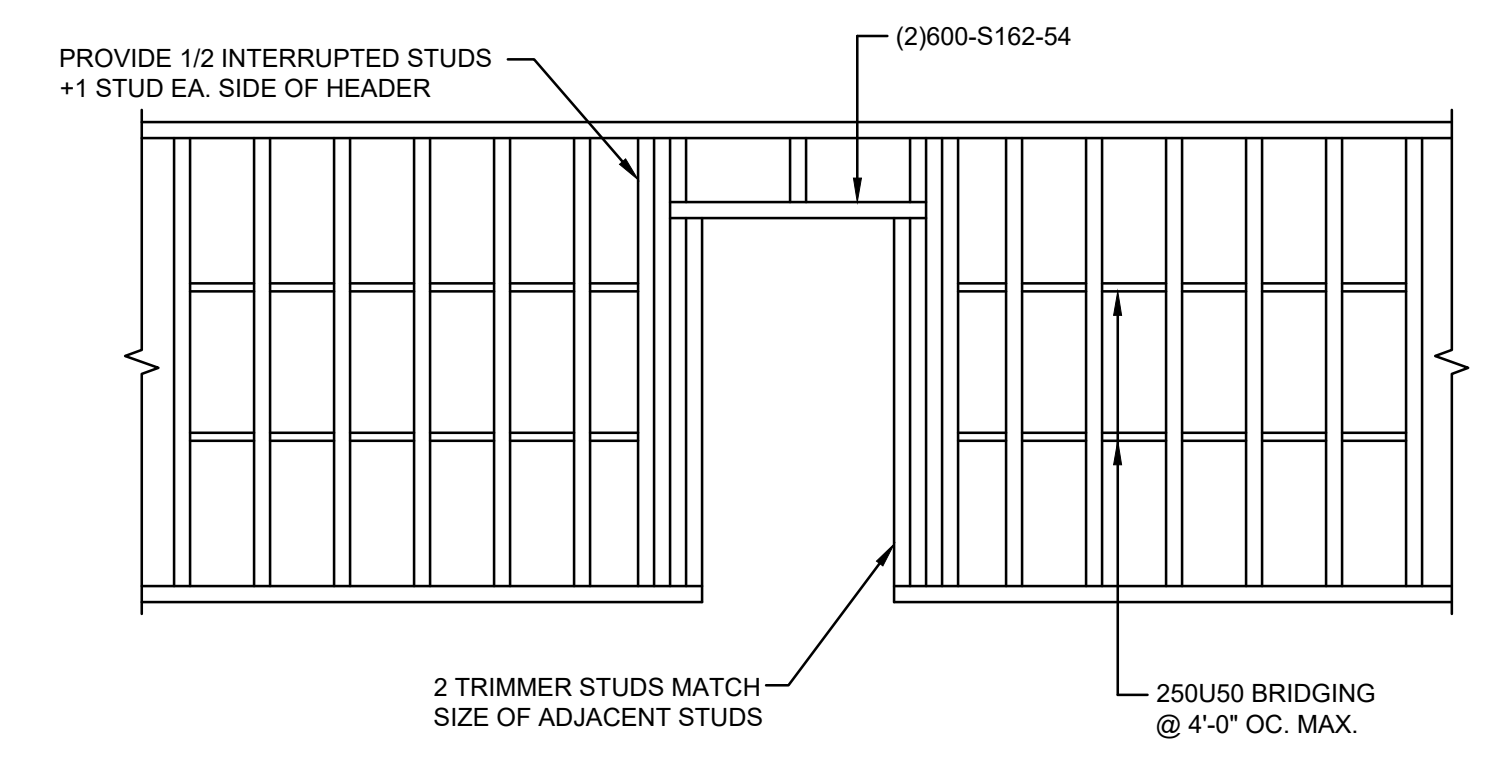
TYPICAL HORIZONTAL BRACING DETAIL



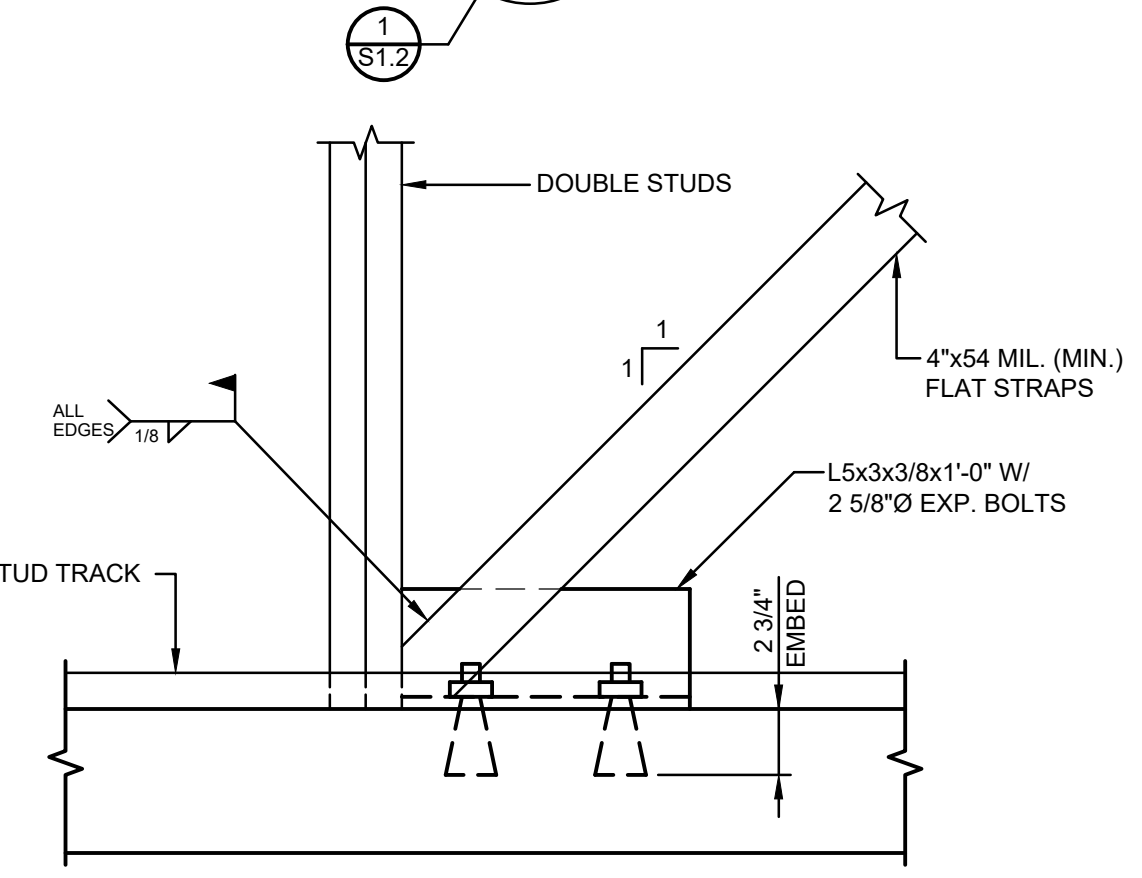
TYPICAL LOAD BEARING HEADER DETAIL



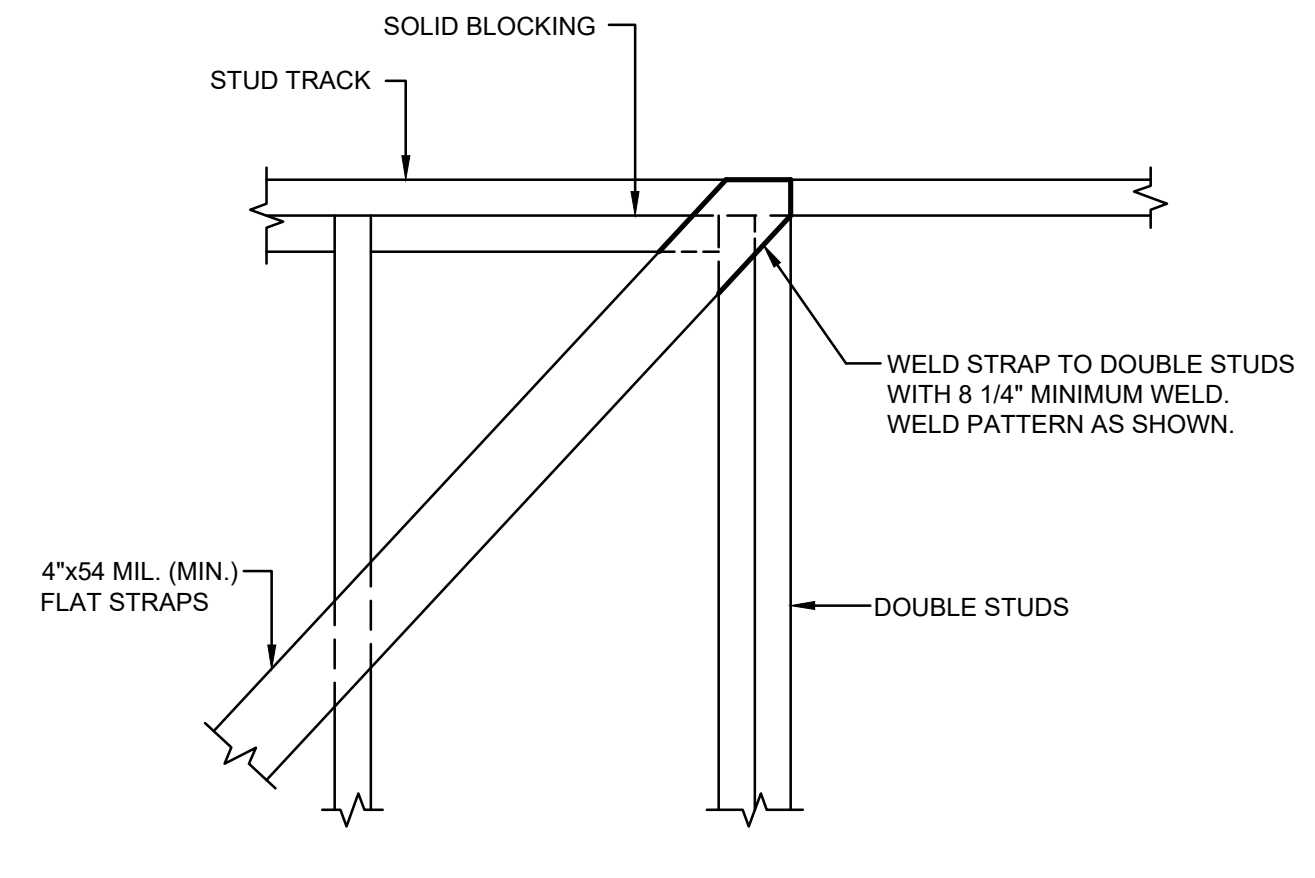
TYPICAL X-BRACING DETAIL



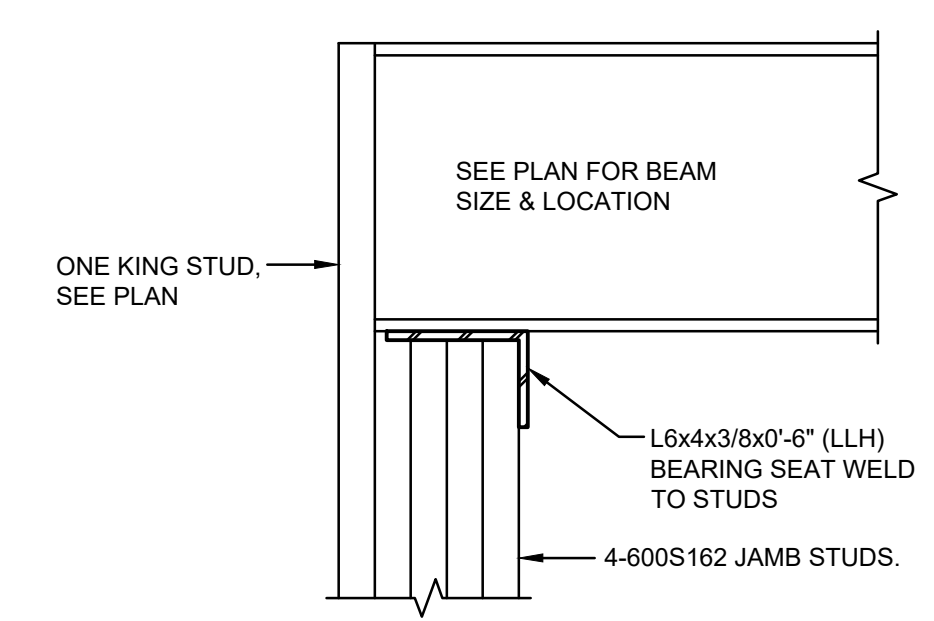
TYPICAL OPENING DETAIL @ LOADBEARING WALLS



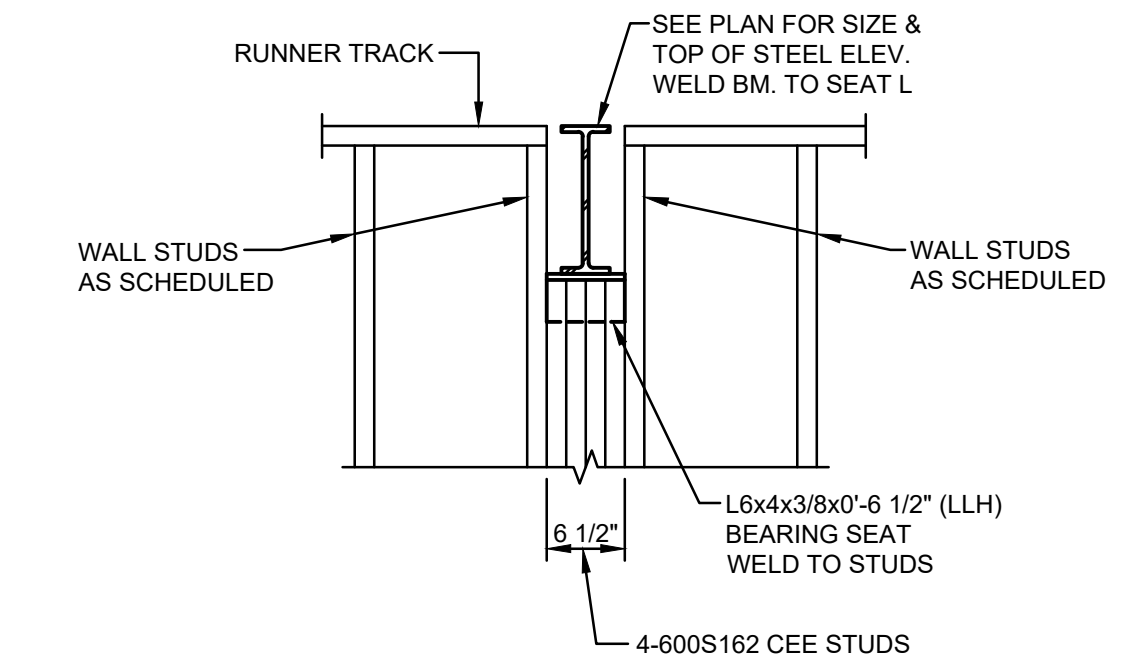
SECTION 1
1 1/2" = 1'-0"



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



BEAM PARALLEL TO WALL



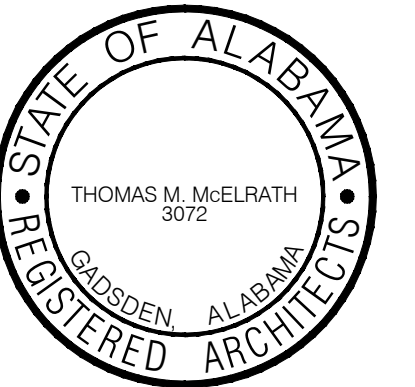
BEAM PERPENDICULAR TO WALL

TYPICAL BEAM POCKET DETAILS

NOTE:
 THIS DETAIL OCCURS @ ALL LOCATIONS WHERE
 STEEL BEAMS FRAME INTO METAL STUD WALLS



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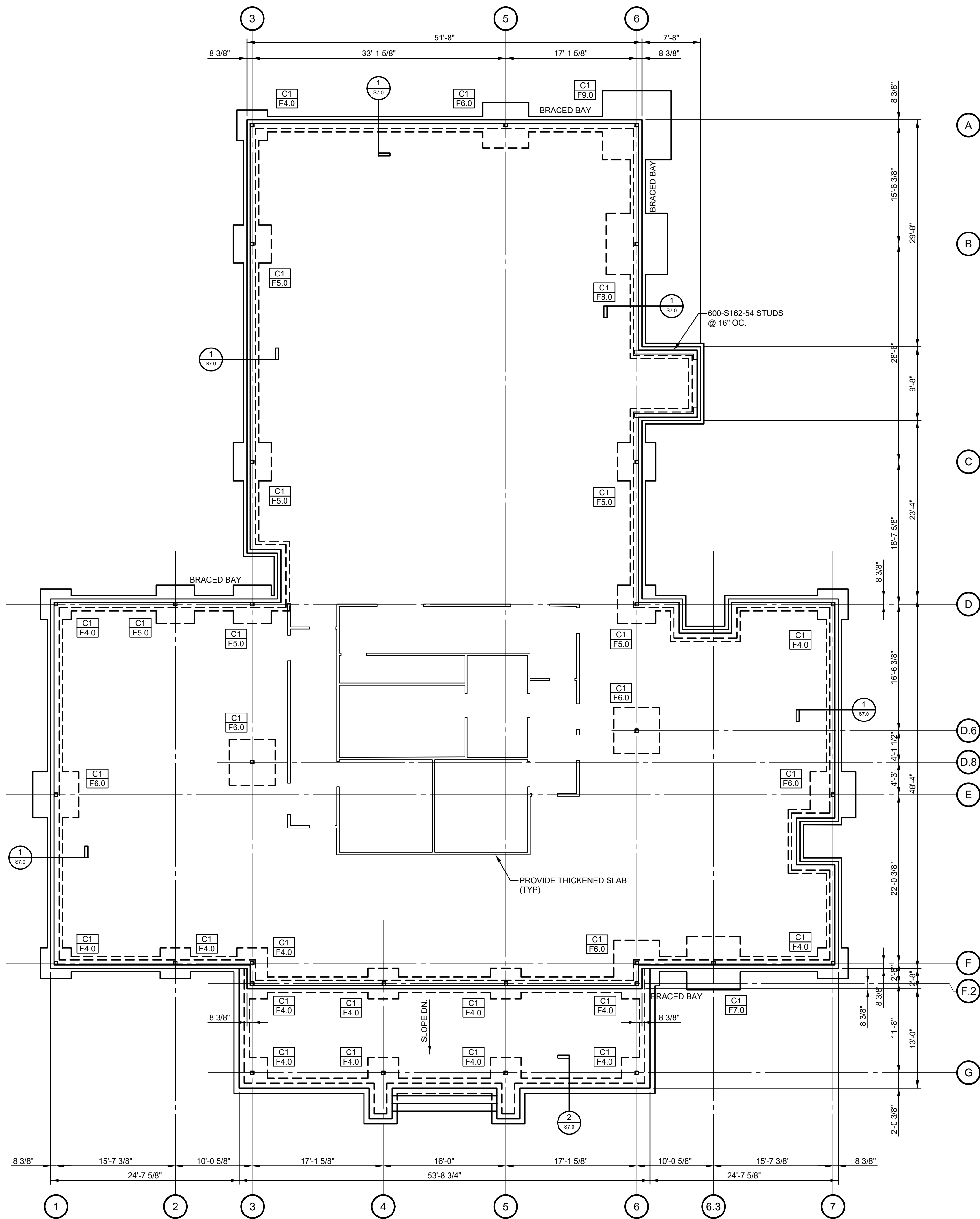
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FOUNDATION &
 FLOOR, &
 MECHANICAL
 MEZZANINE FRAMING
 PLANS

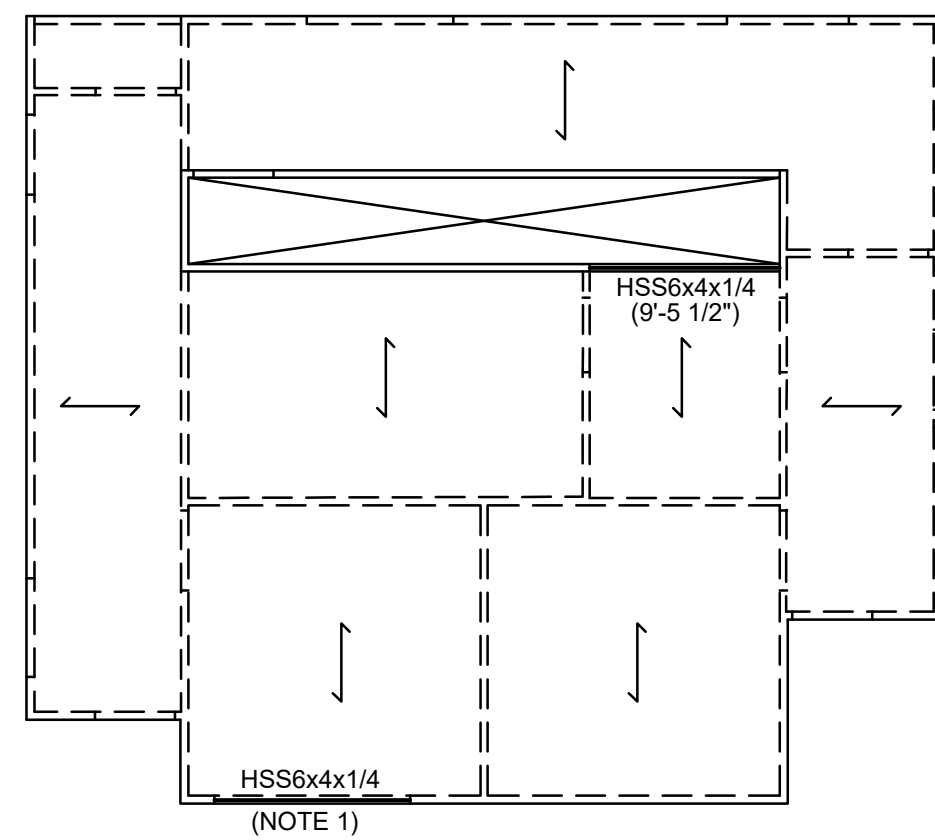
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FOUNDATION & FLOOR PLAN
 1/8" = 1'-0" FIN. FLR. ELEV. 0'-0"

FLOOR CONSTRUCTION:
 4" CONC. SLAB ON DRAINAGE FILL.
 REINF. W/6x6W1.4xW1.4 W.W.R.
 NOTES:
 1. TOP OF FOOTING ELEV. (-2'-0") U.N.O.



MECHANICAL MEZZANINE FLOOR FRAMING PLAN
 1/8" = 1'-0" FIN. FLR. ELEV. 10'-0"

FLOOR CONSTRUCTION:
 3" CONC. ON 3 1/2" DEEP, 18 GA. GALV., DOVETAIL DECK.
 REINF. W/6x6W1.4xW1.4 W.W.R.
 NOTES:
 1. COORD. TOP OF STEEL ELEV. W/ ARCH.

COLUMN SCHEDULE

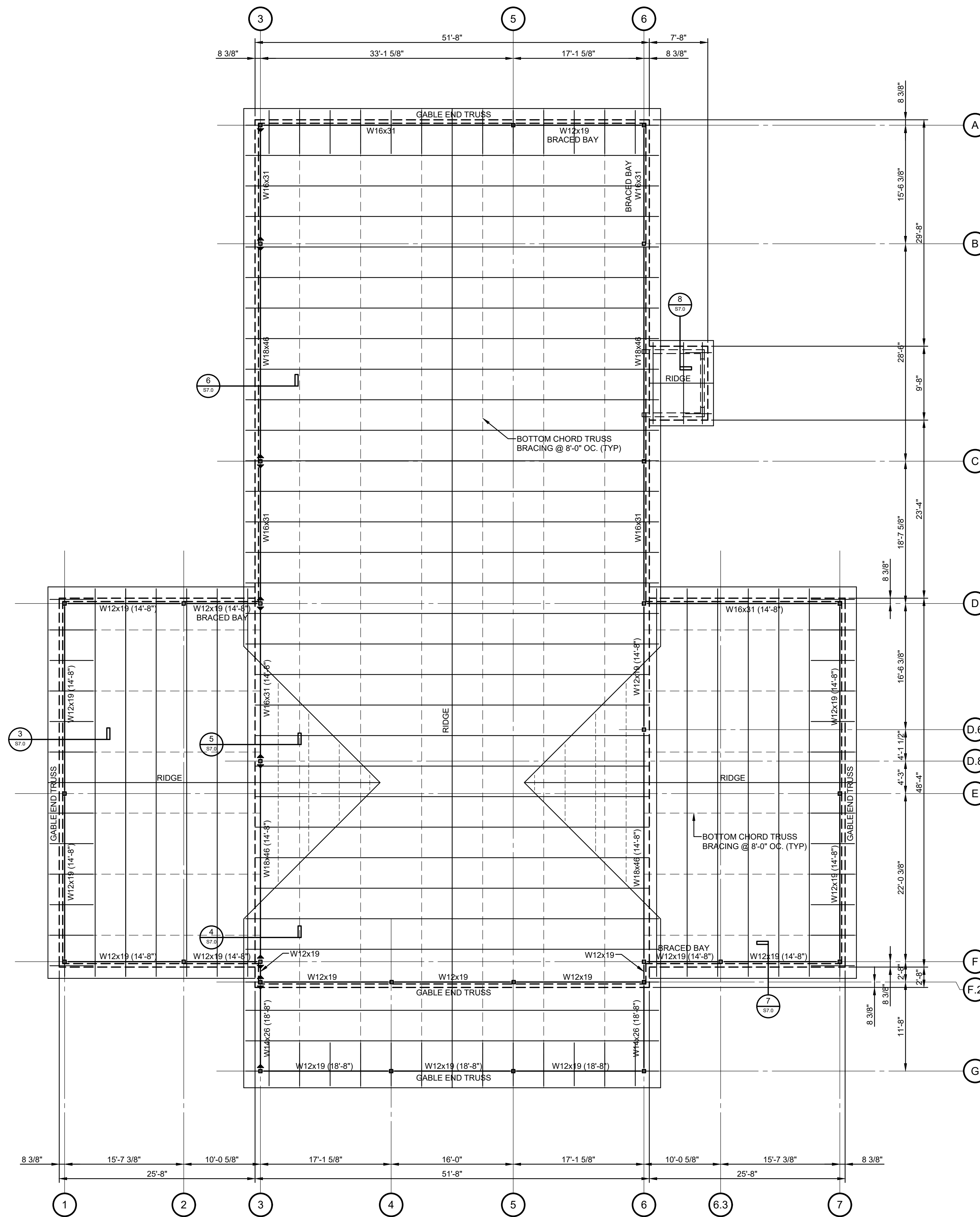
MARK	SIZE	BASE PLATE	BASE PLATE DETAIL	ANCHOR BOLTS	ANCHOR BOLTS DETAIL	REMARKS
C1	HSS5x5x3/8	12x1x1'-0"	BP-1	4-3/4"Ø	AB-1	

FOOTING SCHEDULE

MARK	SIZE: WxLxT	REINFORCING
F4.0	4'-0"x4'-0"x12"	4#5 EW. BOTTOM
F5.0	5'-0"x5'-0"x12"	5#5 EW. BOTTOM
F6.0	6'-0"x6'-0"x18"	8#5 EW. TOP & BOTTOM
F7.0	7'-0"x7'-0"x18"	7#6 EW. TOP & BOTTOM
F8.0	8'-0"x8'-0"x18"	8#6 EW. TOP & BOTTOM
F9.0	9'-0"x9'-0"x24"	10#6 EW. TOP & BOTTOM



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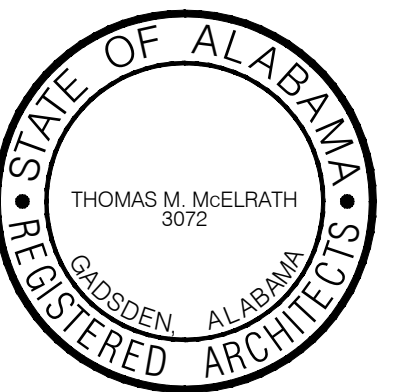


ROOF FRAMING PLAN

1/8" = 1'-0"

ROOF CONSTRUCTION:
 1 1/2" DEEP, 22 GA. GALV., WIDE RIB (TYPE "B") METAL ROOF
 DECK, (MIN. 3 SPANS)

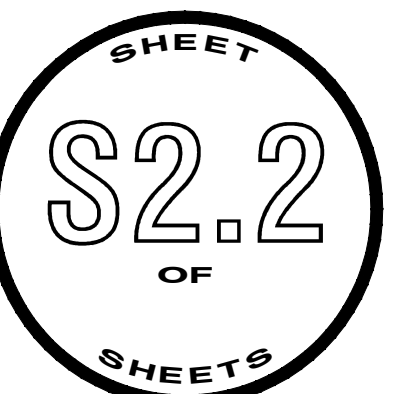
NOTES:
 1. TOP OF STEEL ELEV. (17'-0") U.N.O.

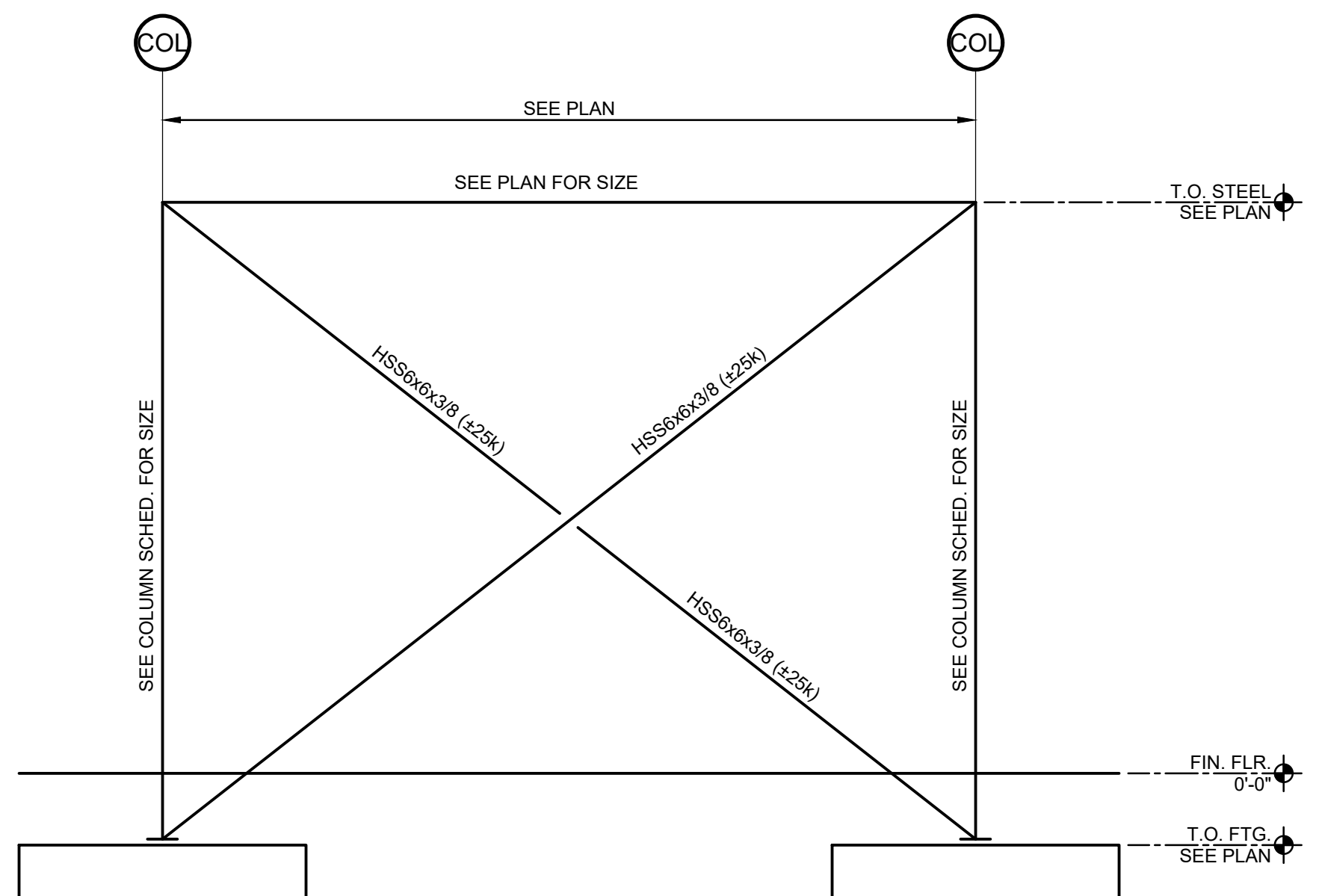


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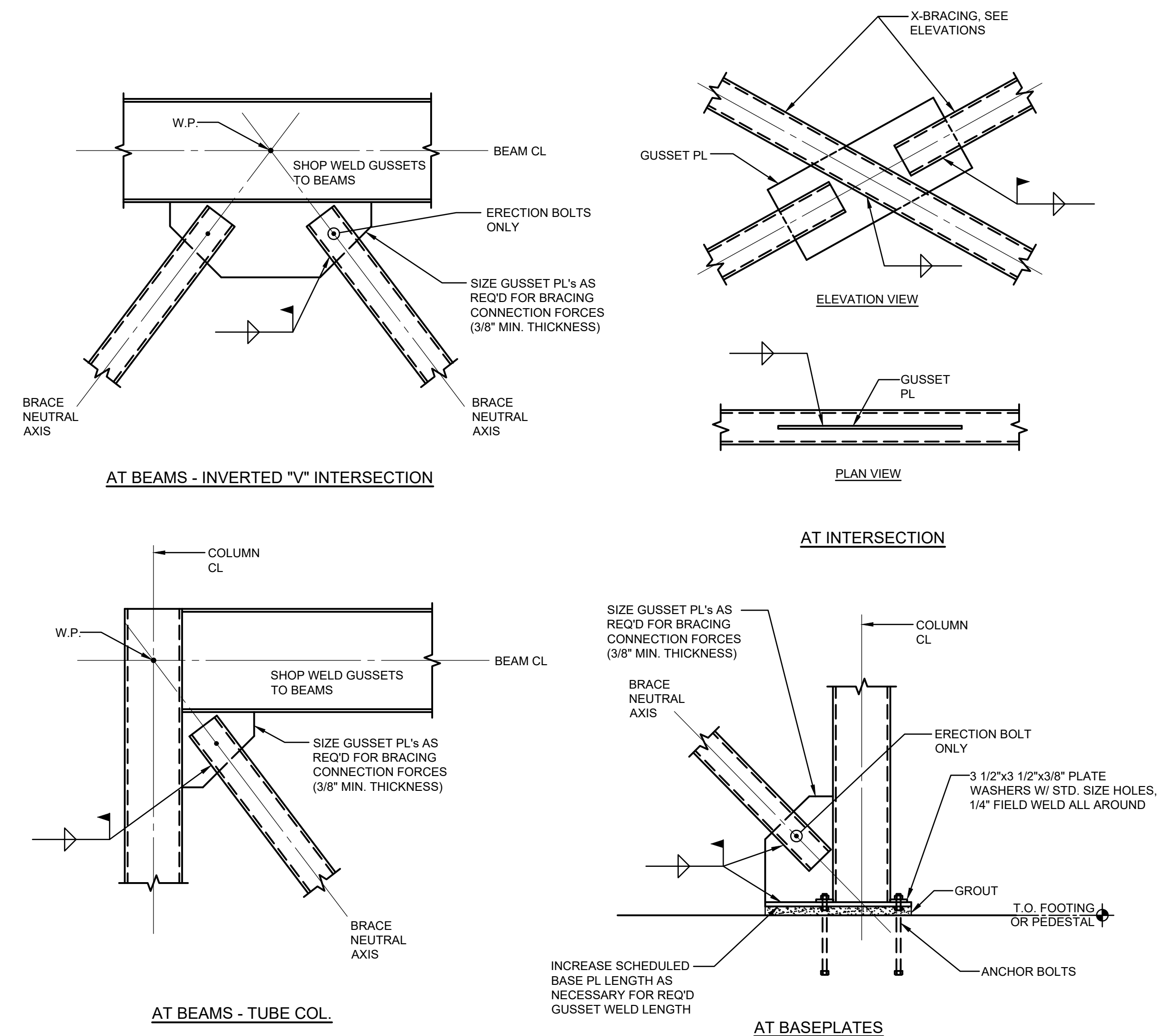
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ROOF FRAMING PLAN	
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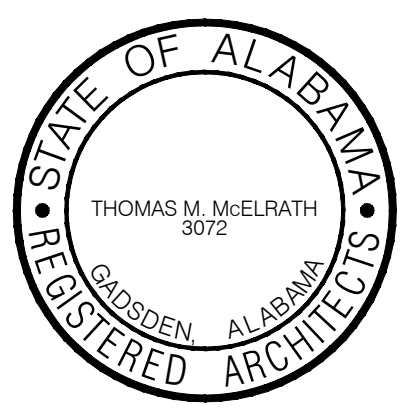


BRACED BAY
NTS



TYPICAL BRACING CONNECTION DETAILS

- BRACING NOTES:**
- MEMBER DESIGN FORCES SHOWN () ARE SERVICE LEVEL (UNFACTORED) PER IBC 2021 ALLOWABLE STRESS DESIGN LOAD COMBINATIONS
+ DENOTES TENSION
- DENOTES COMPRESSION
 - ALL FIELD CONNECTIONS SHALL BE WELDED. FIELD BOLTING W/ 3/4" DIA. A-325 BOLTS SHALL BE ALLOWED FOR ERECTION PURPOSES ONLY.
 - ALL SHOP CONNECTIONS SHALL BE WELDED.
 - BRACING CONNECTIONS SHALL BE DESIGNED FOR THE FULL DESIGN AXIAL FORCE AS SHOWN.
 - LAY OUT MEMBERS SO THAT NEUTRAL AXIS OR GAGE LINES OF MEMBERS INTERSECT AT PANEL POINTS AND WORKING POINTS.



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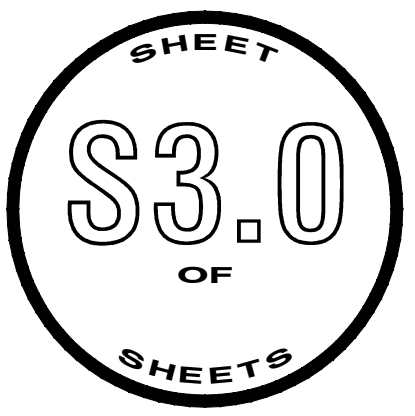
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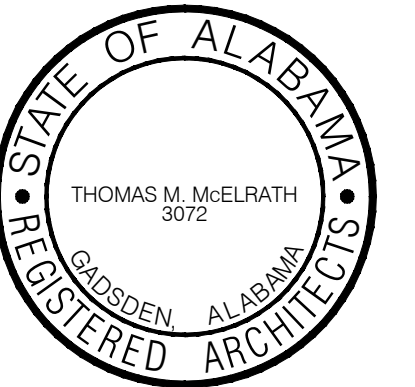
BRACED BAYS &
TYPICAL DETAILS

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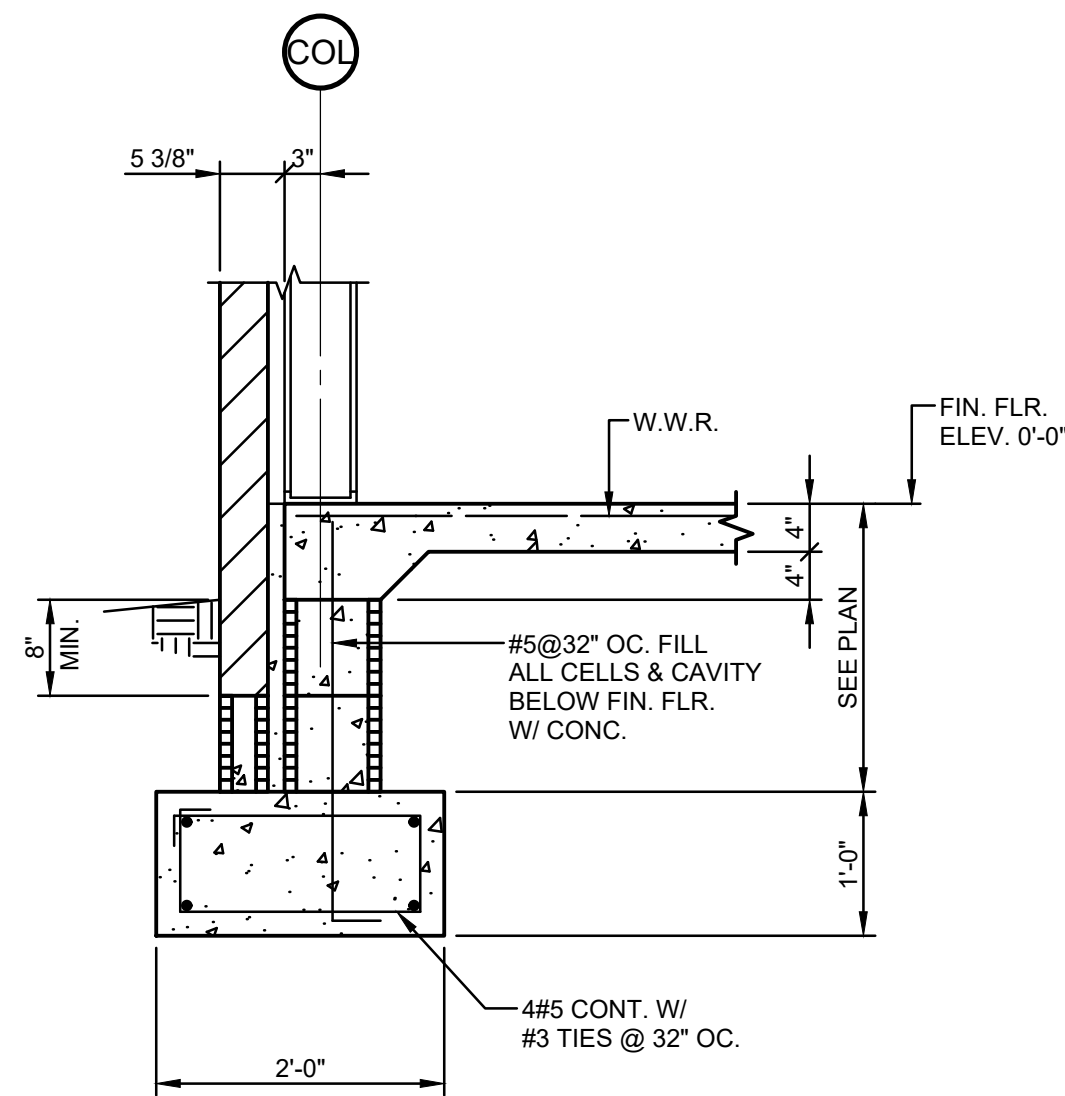
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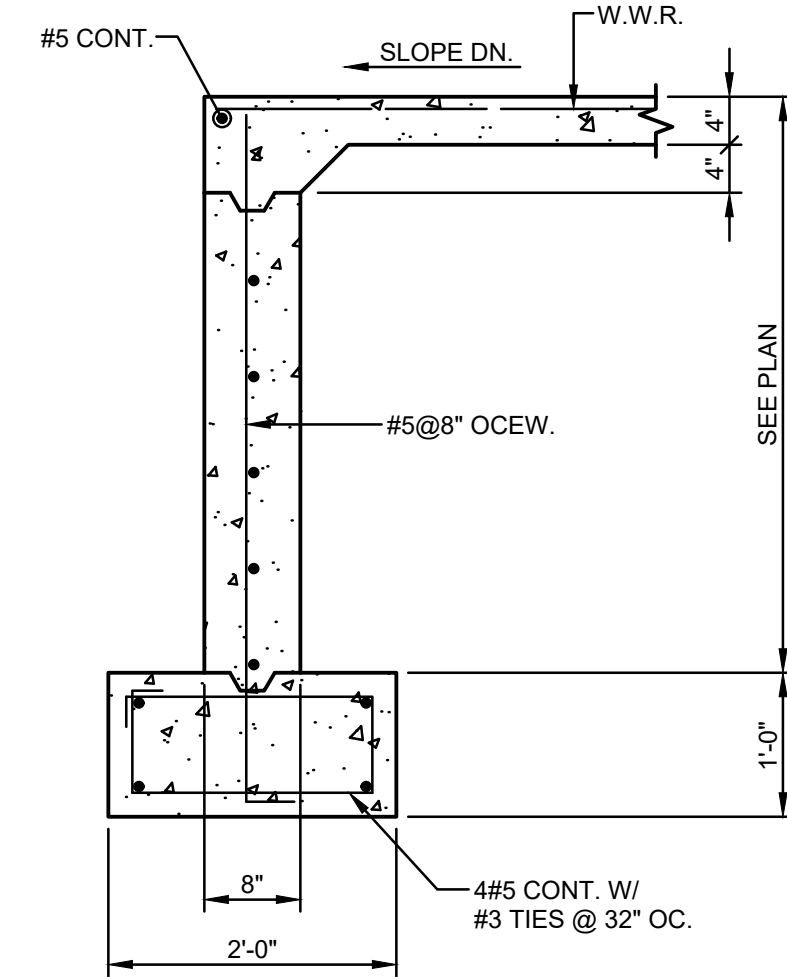
SECTIONS

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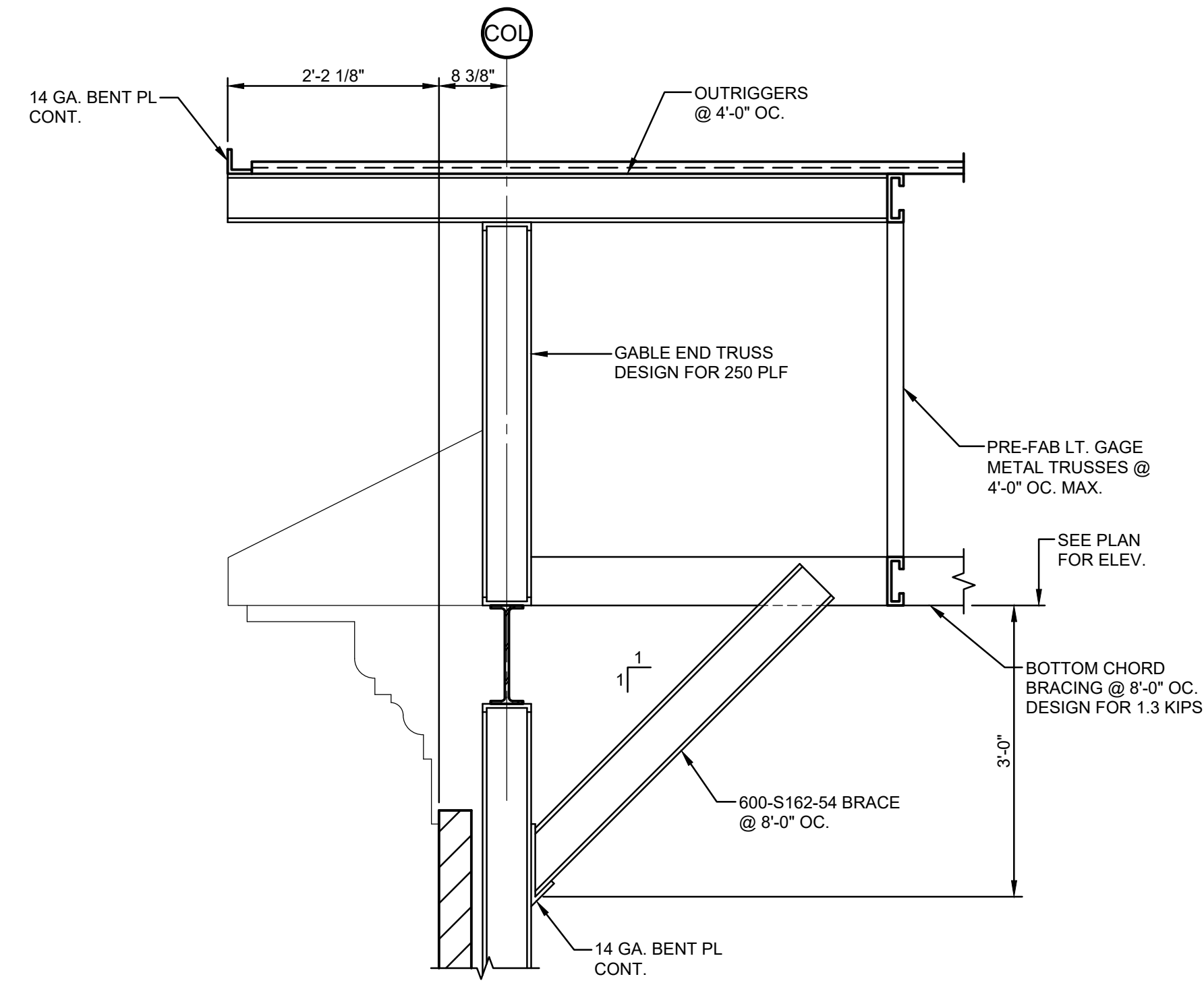
SHEET
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 OF
 SHEETS



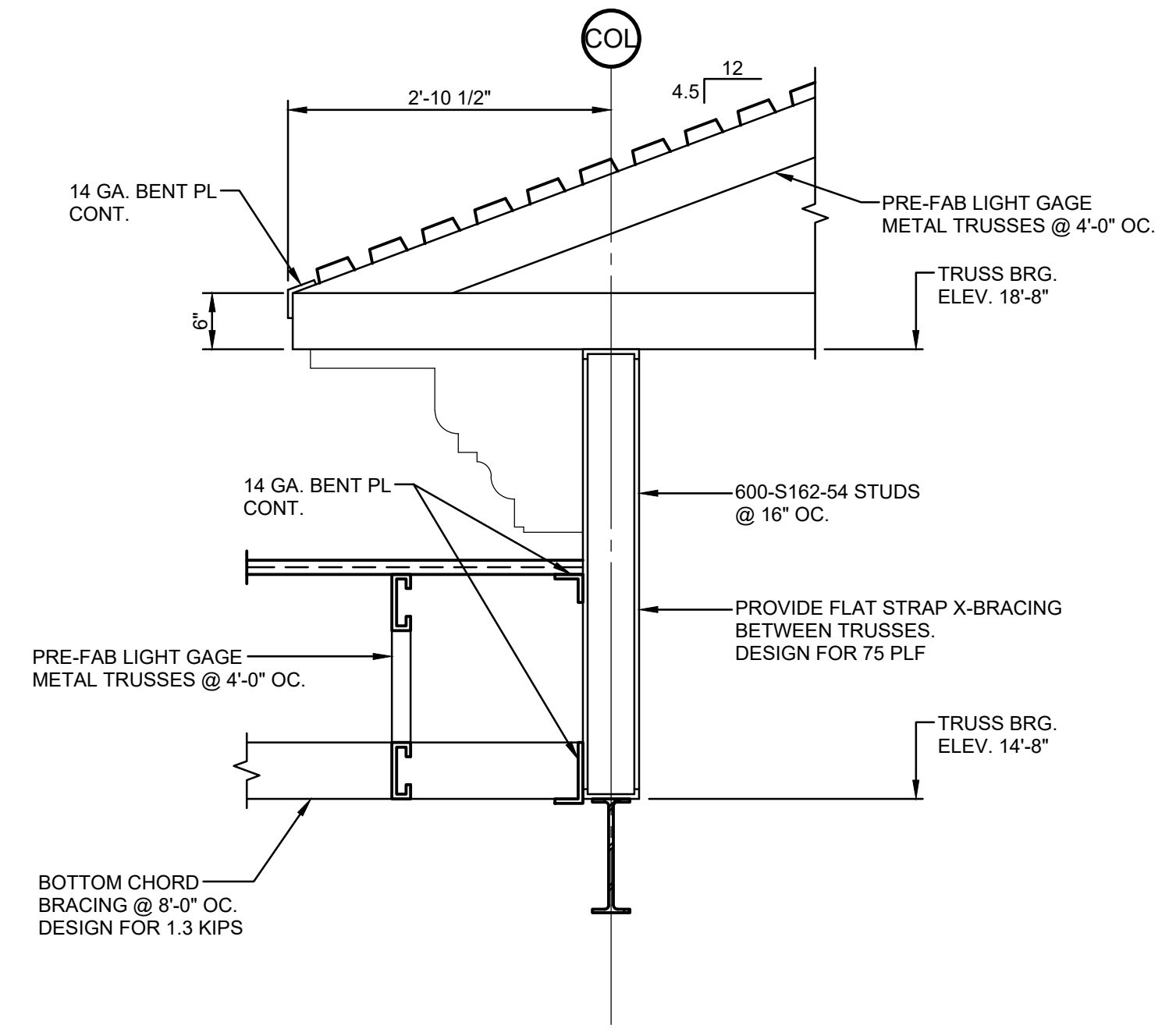
1 SECTION
 S7.0 3/4" = 1'-0"



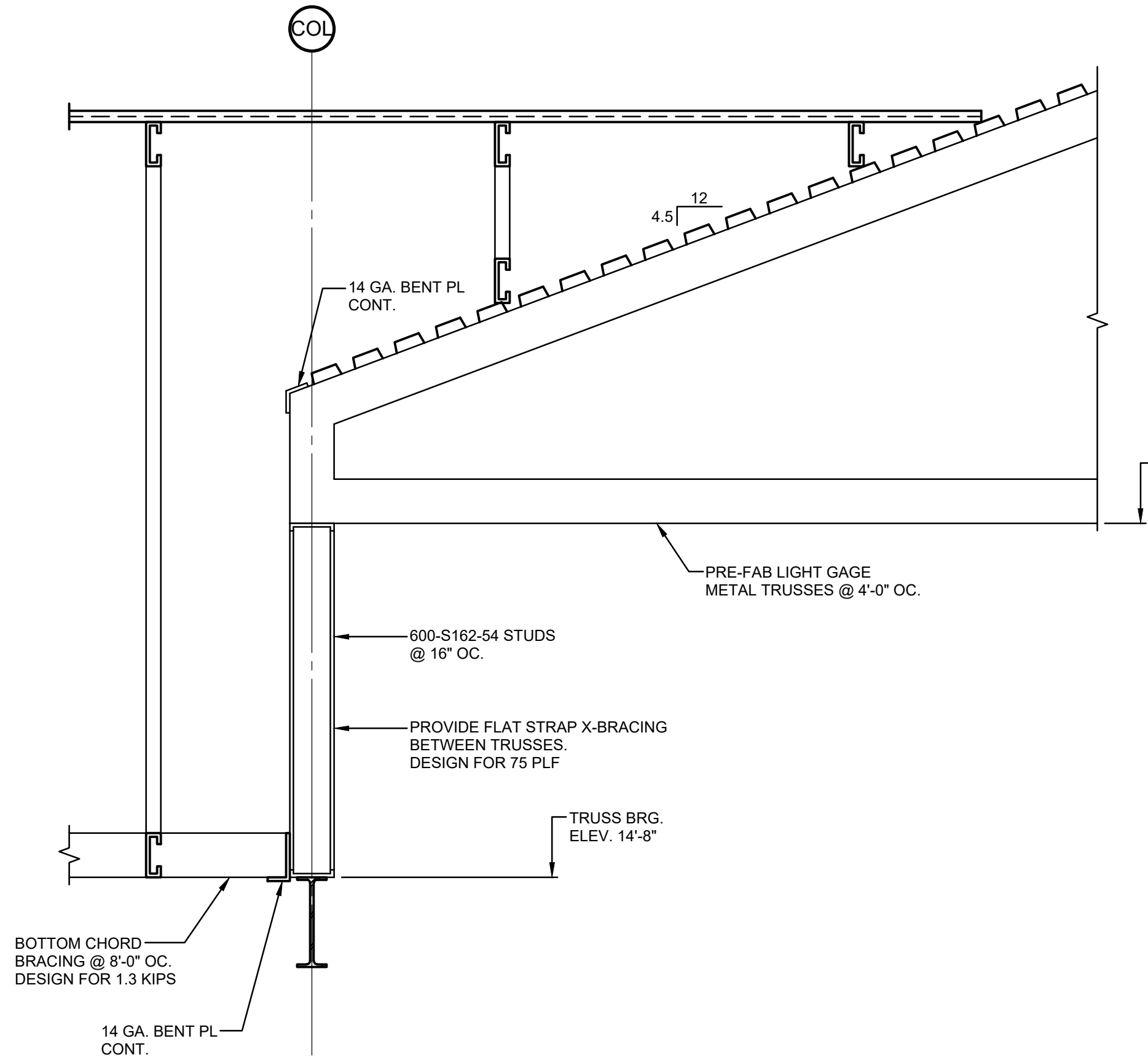
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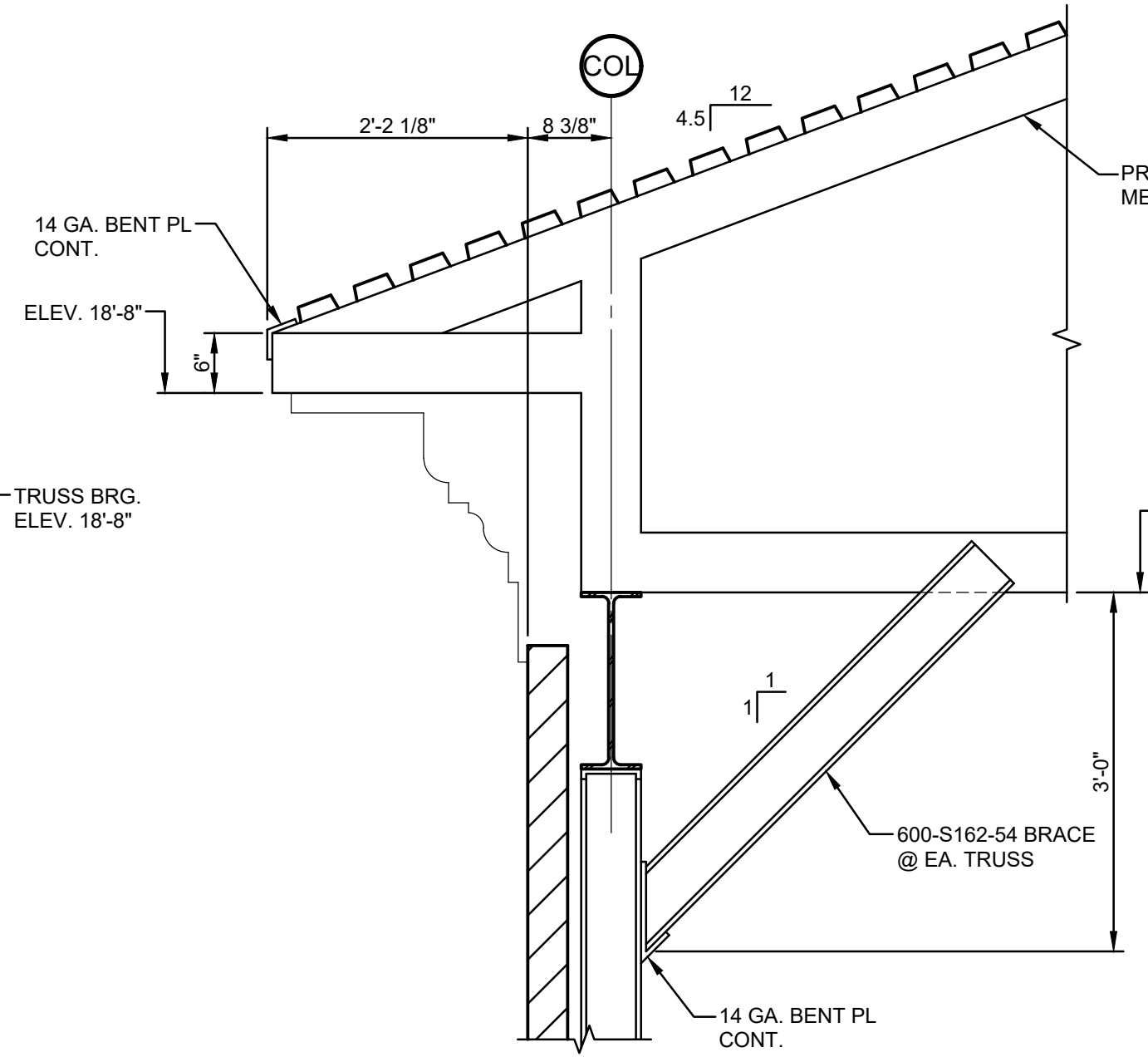
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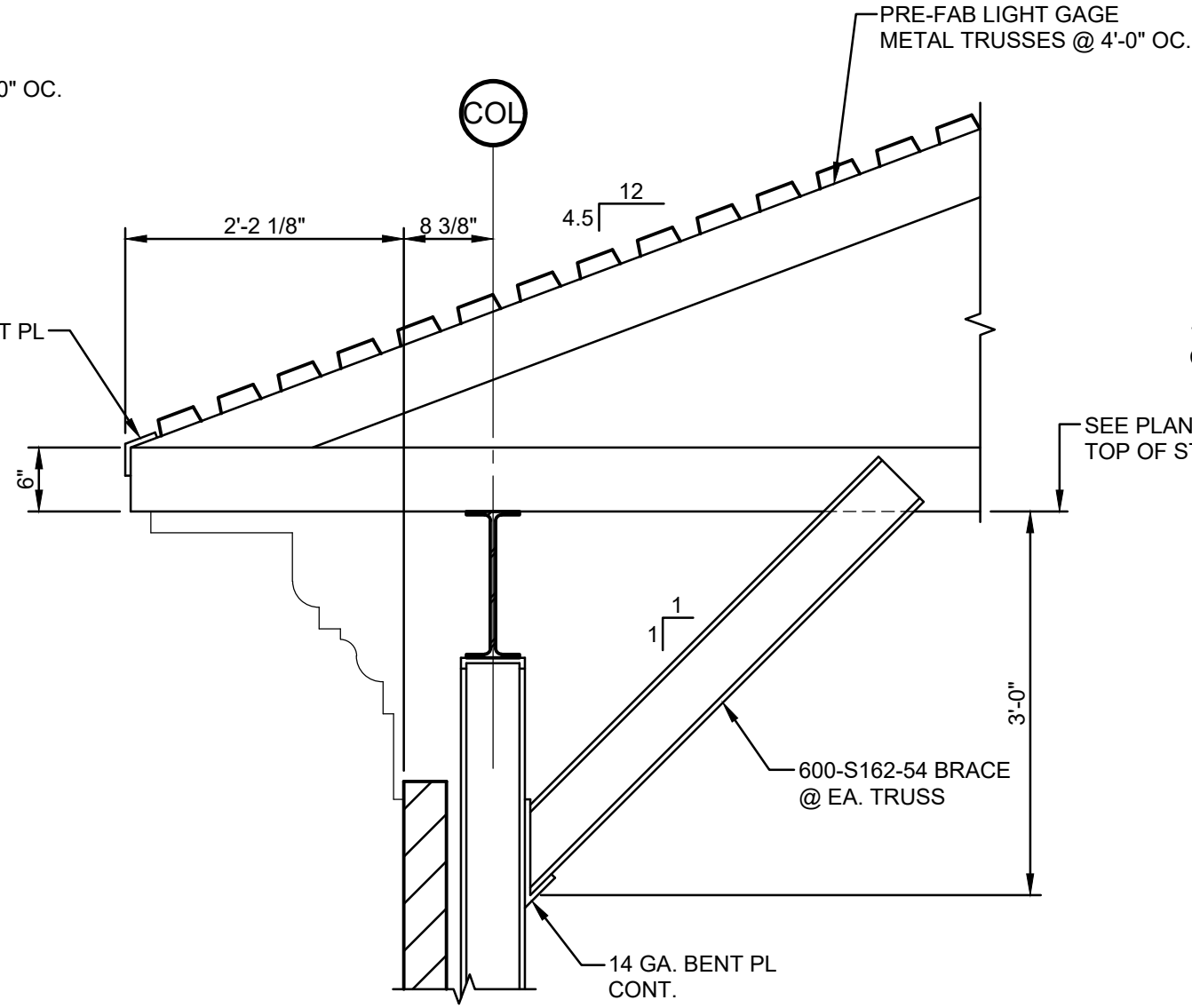
4 SECTION
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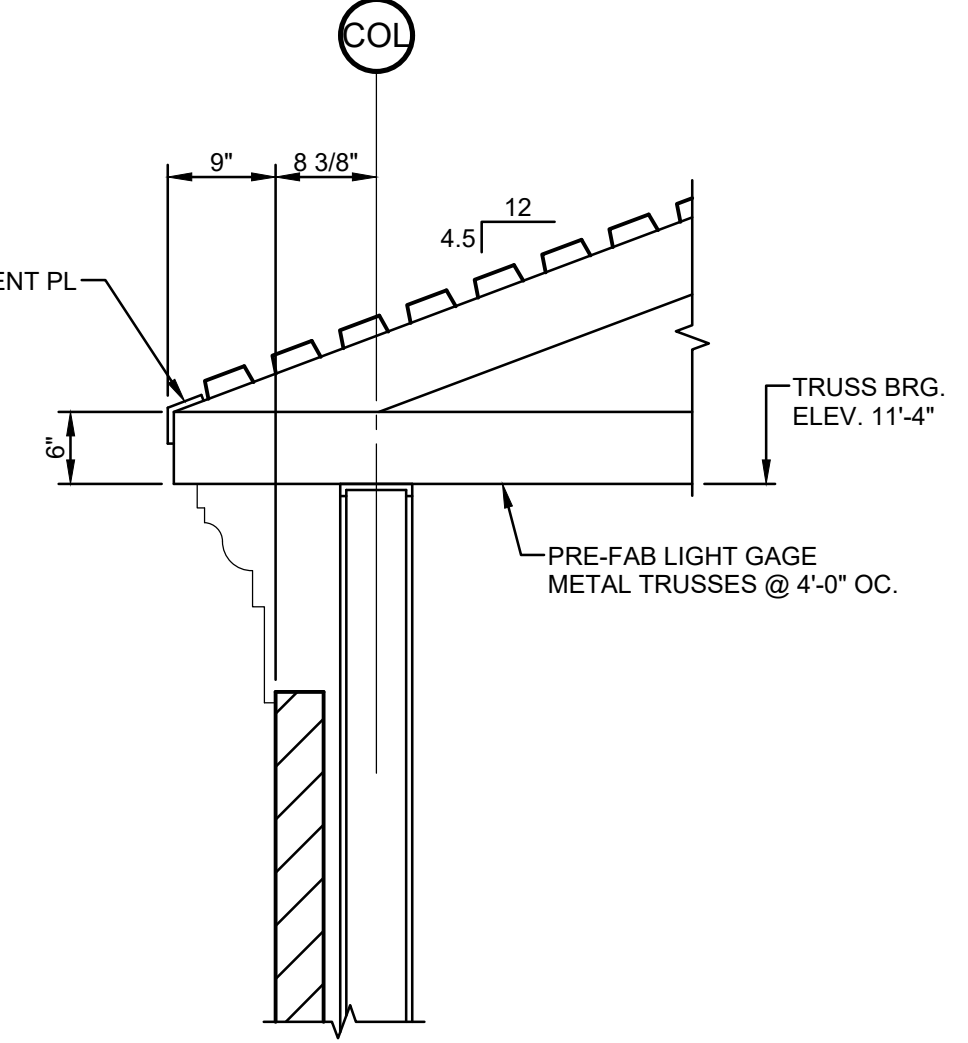
5 SECTION
 S7.0 3/4" = 1'-0"



6 SECTION
 S7.0 3/4" = 1'-0"



7 SECTION
 S7.0 3/4" = 1'-0"



8 SECTION
 S7.0 3/4" = 1'-0"



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FIRE PROTECTION GENERAL NOTES

- CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BID. CONTRACTOR SHALL VERIFY EXACT SIZE, LOCATION, ELEVATION OF EXISTING STRUCTURE, CEILINGS, MECHANICAL, AND ELECTRICAL PRIOR TO INSTALLING ANY NEW PIPE.
- CONTRACTOR SHALL COORDINATE ALL PIPE ROUTING TO AVOID CONFLICTS WITH ALL STRUCTURAL, ELECTRICAL, AND MECHANICAL FEATURES OF THE BUILDING.
- ALL HORIZONTAL PIPING IS RUN ABOVE THE CEILING OR IN JOIST SPACE. ALL PIPING SHALL DRAIN DOWN AS REQUIRED BY NFPA 13. PIPING TO BE INSTALLED TO CONCEAL AS MUCH AS POSSIBLE.
- INSTALL ALL FIRE PROTECTION MATERIALS IN AREAS WITH EXPOSED CEILINGS IN A NEAT FIRST CLASS MANNER. ALL WORKMANSHIP SHALL BE IN ACCORDANCE WITH INDUSTRY BEST PRACTICES. PIPING SHALL BE INSTALLED PARALLEL AND/OR PERPENDICULAR TO BUILDING STRUCTURE UNLESS INDICATED OTHERWISE.
- CONTRACTOR IS RESPONSIBLE FOR NOTIFYING PROJECT ENGINEERS FOR INSPECTION AND TESTING. PROVIDE A MINIMUM OF A WEEK.
- CONTRACTOR TO REFER TO ARCHITECTURAL DRAWINGS FOR NEW WORK AREAS, CEILING HEIGHTS, SECTIONS, AND RATED WALLS.
- CONTRACTOR RESPONSIBLE FOR COORDINATION OF PIPING WEIGHT AND LOCATION PRIOR TO INSTALLATION OF ANY PIPE.
- PIPING LAYOUT AND SIZING SHOWN ON PLANS IS DIAGRAMMATIC AND SHOWN FOR SPACE REQUIREMENTS. CONTRACTOR IS RESPONSIBLE FOR LAYOUT SHOP DRAWINGS, CALCULATIONS, SUBMITTAL DATA, TESTING, OWNER TRAINING AND CERTIFYING SYSTEM MEETS NFPA 13 AND CONTRACT DOCUMENTS.
- CONTRACTOR SHALL OBTAIN APPROVAL FROM ARCHITECT PRIOR TO INSTALLING ANY SPRINKLER HEADS DIFFERENT FROM THE SPECIFIED SPRINKLER HEADS.
- CONTRACTOR SHALL OBTAIN APPROVAL OF "SPRINKLER HEAD TYPE" FROM ARCHITECT PRIOR TO INSTALLING ANY SPRINKLER HEADS.
- CONTRACTOR SHALL PAINT ALL EXPOSED PIPING TO MATCH STRUCTURE. COORDINATE EXACT COLOR WITH ARCHITECT.

FIRE PROTECTION SHOP DRAWINGS AND SUBMITTALS

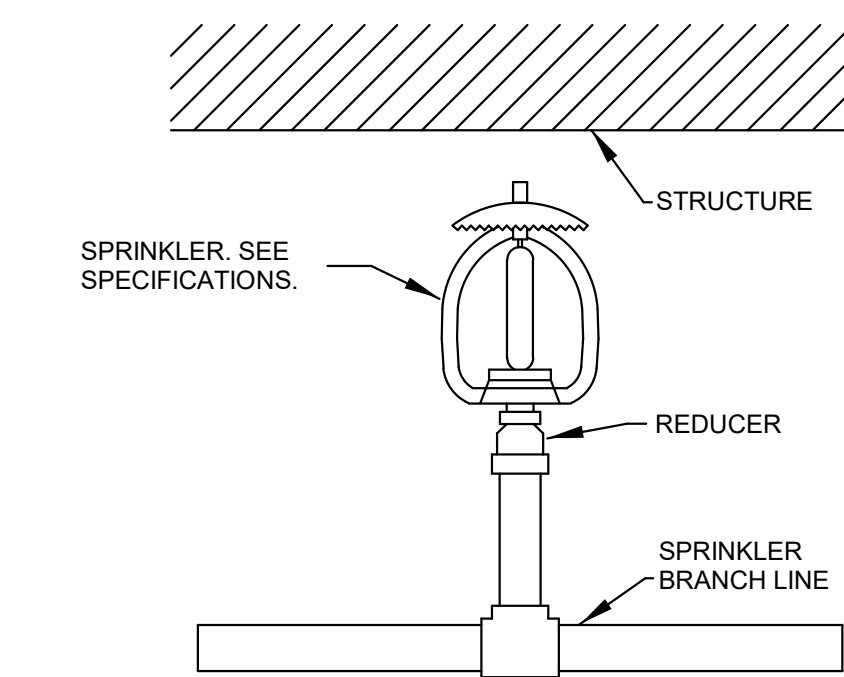
- PROVIDE A NFPA 13 COMPLIANT SYSTEM TO PROVIDE COVERAGE TO NEW WORK AREA. CONTRACTOR RESPONSIBLE TO PROVIDE DETAILED SHOP DRAWINGS AND CALCULATIONS COMPLETE.
- SHOP DRAWINGS SHALL INCLUDE:
 - A REFLECTED CEILING PLAN INDICATING LOCATION OF SPRINKLER HEADS, LIGHTS, CEILING DEVICES, GRILLES, AUDIO VISUAL, AND ANY DEVICES ATTACHED TO LIFT OUT CEILINGS. ALL SPRINKLER HEADS IN LAY-IN CEILINGS TO BE CENTERED IN TILES. COORDINATE EXACT LOCATION OF SPRINKLER HEADS IN HARD CEILINGS WITH ARCHITECT AND ENGINEER.
 - PREPARE A WORKING PIPE SHOP DRAWING BASED ON HYDRAULIC CALCULATIONS. THE PIPING DRAWINGS SHALL INDICATE THE ELEVATION OF THE PIPE, THE CONFIGURATION OF THE PIPING AND HANGERS, SIZE OF THE PIPE AND COORDINATION OF PIPING WITH OTHER DISCIPLINES, STRUCTURE AND DUCTWORK.
 - HYDRAULIC CALCULATIONS ARE TO BE PREPARED USING A FLOW TEST WITHIN 90 DAYS.
 - THE CONTRACTOR IS RESPONSIBLE FOR INCORPORATING LOCAL AUTHORITY HAVING JURISDICTION COMMENTS FOR COMPLIANCE.
 - ALL ADDITIONAL MATERIALS TO BE INDICATED ON SHOP DRAWINGS.
 - ALL LOW-POINT DRAIN DOWN LOCATION AND PENETRATIONS OF BUILDING STRUCTURE TO BE INDICATED ON SHOP DRAWINGS.
- CONTRACTOR SHALL BE LICENSED IN THE STATE IN WHICH THE WORK IS PERFORMED. THE CONTRACTOR SHALL BE A NICET LEVEL III OR LEVEL IV OR SPECIAL HAZARD SUPPRESSION SYSTEMS. THE NICET LEVEL III DESIGNER SHALL BE AN EMPLOYEE OF FIRE PROTECTION CONTRACTOR.
- ALL ELECTRICAL FIRE ALARM REQUIREMENTS TO BE COORDINATED WITH THE ELECTRICAL. THE FLOW AND TAMPER SWITCHES TO BE PROVIDED UNDER FIRE PROTECTION CONTRACT. CONDUIT, ALARM WIRING AND PROGRAMMING THE RESPONSIBILITY OF THE FIRE ALARM CONTRACTOR AND SHALL BE COORDINATED WITH ELECTRICAL. NICET LEVEL III DESIGNER SHALL INSPECT PROJECT.
- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS WITHIN 45 DAYS PRIOR TO THE START OF THE SPRINKLER SYSTEM INSTALLATION.
- HYDRAULIC CALCULATIONS AND SPRINKLER SHOP DRAWINGS SHALL BE PREPARED UNDER THE SUPERVISION OF AN ENGINEER LICENSED IN THE STATE AND BEAR HIS OR HER SEAL WITH SIGNATURE AND DATE.
- MAXIMUM DESIGN VELOCITY SHALL BE 30 FEET PER SECOND.

FIRE PROTECTION DESIGN ANALYSIS

REFER TO ARCHITECTURAL PLANS FOR COMPLIANCE NFPA 101
 TYPE OF CONSTRUCTION: REFER TO ARCHITECTURAL
 OCCUPANCY: REFERENCE ARCHITECTURAL LIFE SAFETY PLAN

FIRE DESIGN CODES /STANDARDS

APPLICABLE CODES AND STANDARDS:
 INTERNATIONAL BUILDING CODE (IBC)
 INTERNATIONAL FIRE CODE (IFC)
 INTERNATIONAL PLUMBING CODE (IPC)
 NATIONAL ELECTRIC CODE (NEC)
 NATIONAL FIRE ALARM CODE NFPA 72
 NATIONAL ENERGY CODE
 NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 13.24.101



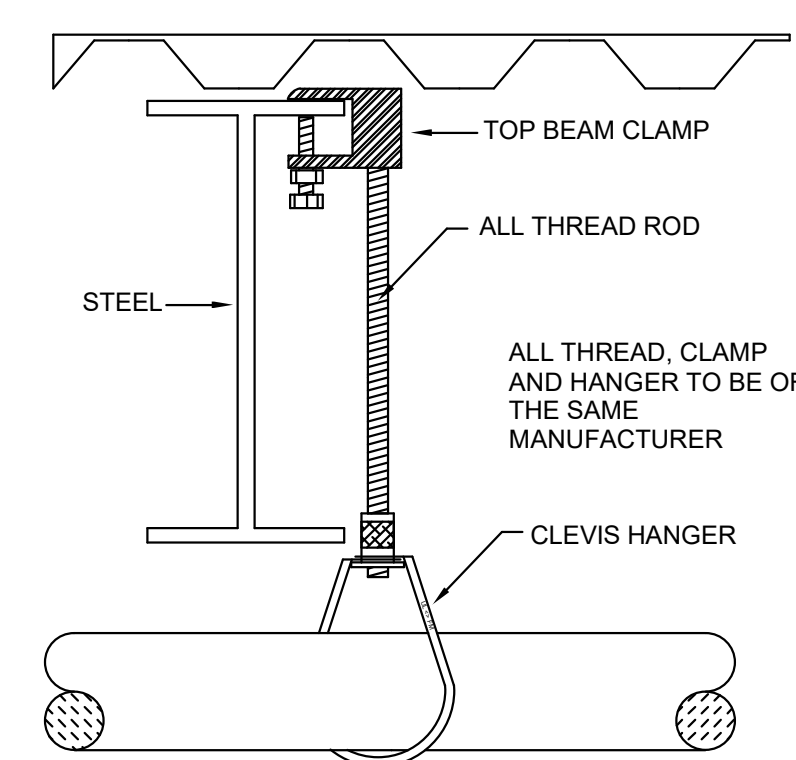
QUICK RESPONSE UPRIGHT SPRINKLER
 NO SCALE

FIRE PROTECTION LEGEND

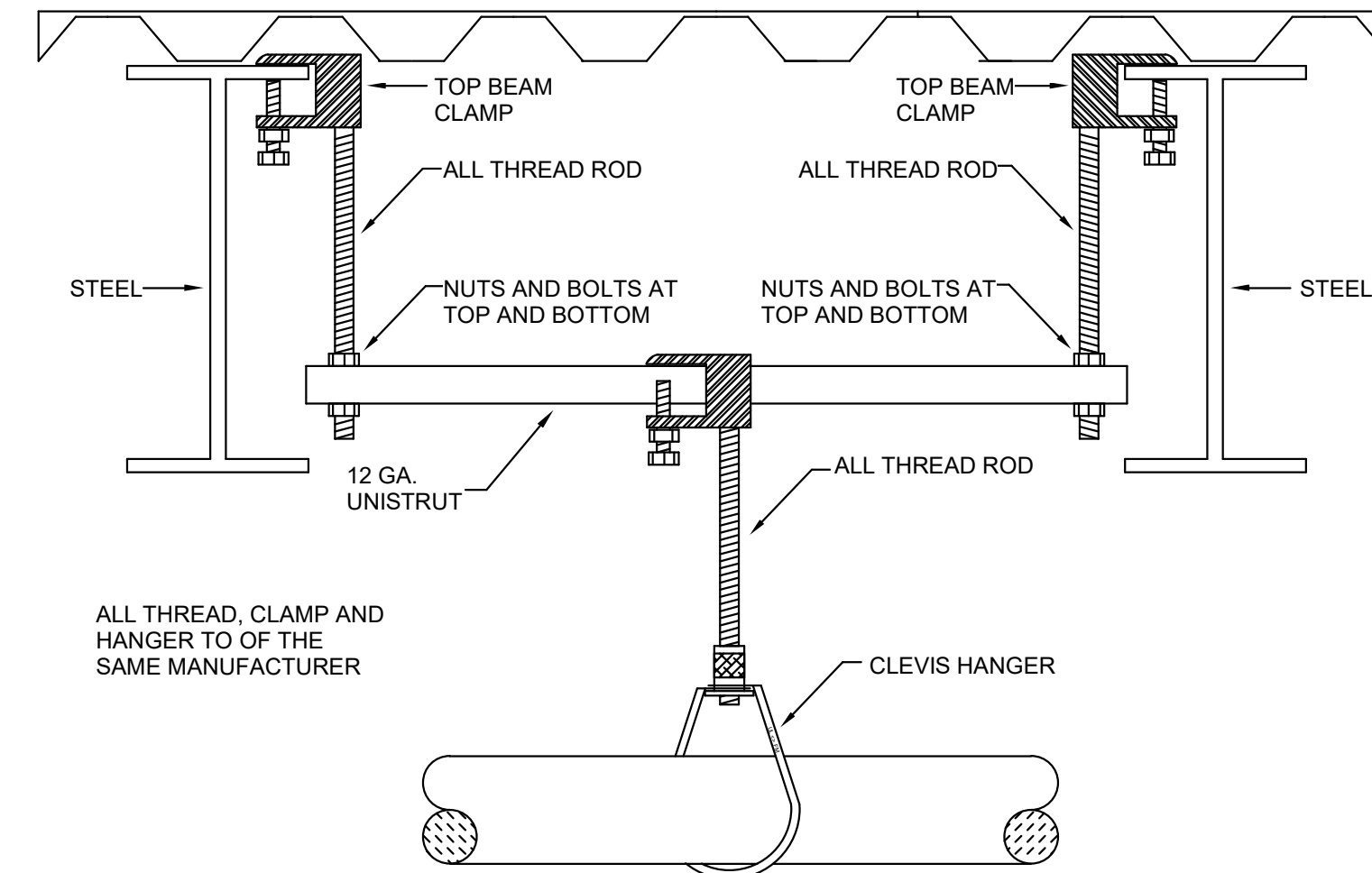
FIRE MAIN (F)	— F — F —	
FIRE DRAIN LINE	— FD — FD —	
BALL VALVE		
OS&Y VALVE (WITH TAMPER SWITCH)		TS COORDINATE WITH ELECTRICAL FIRE ALARM SIGNAL TO BUILDING ALARM PANEL
FLOW SWITCH		FS COORDINATE WITH ELECTRICAL FIRE ALARM SIGNAL TO BUILDING ALARM PANEL
	PIPE DOWN	
	PIPE UP	
GPM	GALLONS PER MINUTE	
PSI	POUNDS PER SQUARE INCH	
	CONCEALED PENDENT SPRINKLER HEAD (COVER SHALL BE FACTORY PAINTED W/ COLOR APPROVED BY ARCHITECT)	
	RECESSED PENDENT	
	UPRIGHT SPRINKLER HEAD	
ARCHITECT TO SELECT COLORS ON ALL SPRINKLER HEADS		

FIRE PROTECTION HYDRAULIC DEMANDS

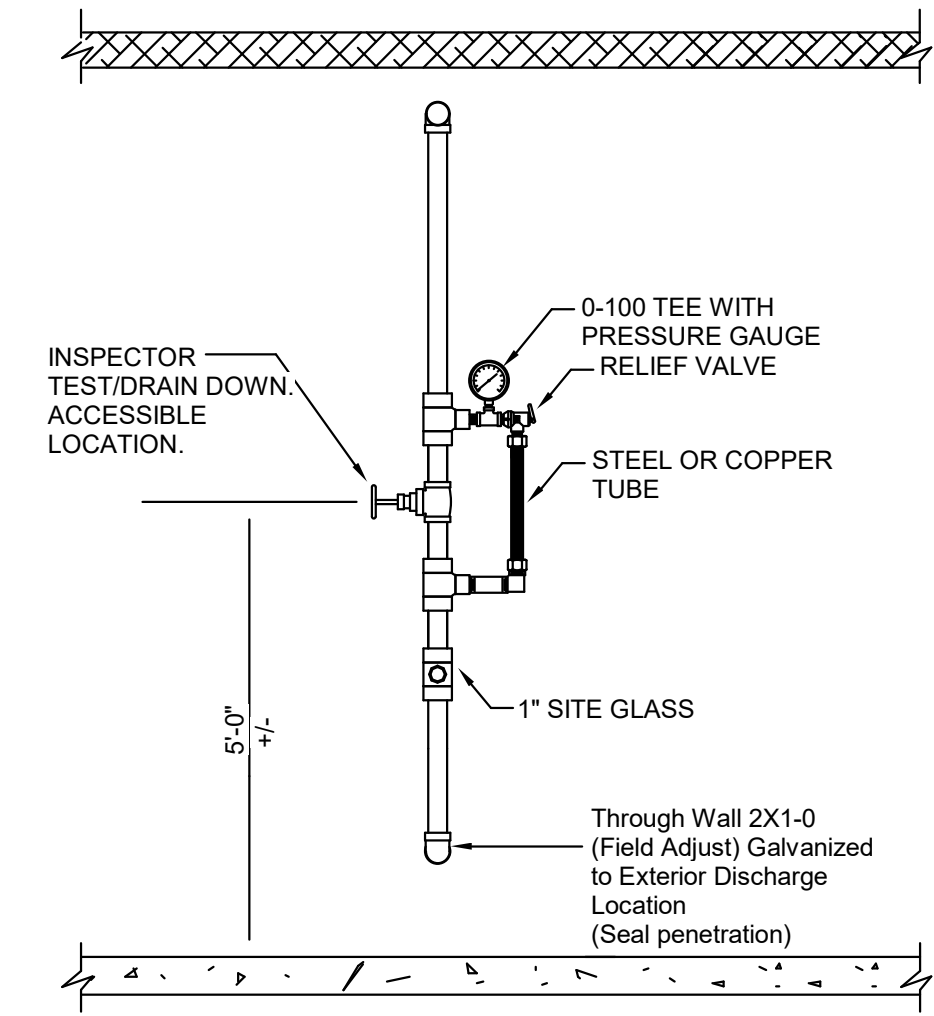
- SPRINKLER PROTECTION
 - ALL OFFICES, TEACHER WORKROOMS, LOBBIES, VESTIBULES, CLASSROOMS, GYMNASIUMS, CAFETERIAS, TOILETS, COMMON AREAS, CORRIDORS: LIGHT HAZARD 0.10 GPM OVER HYDRAULICALLY MOST REMOTE 1500 SQ. FT.
 - MECHANICAL EQUIPMENT ROOMS, TRANSFORMER ROOMS, GENERAL PURPOSE STORAGE LESS THAN 100 SQ. FT.: ORDINARY HAZARD, GROUP 2, 0.20 GPM OVER HYDRAULICALLY MOST REMOTE 2000 SQ. FT.
 - GENERAL STORAGE, STORAGE HEIGHT LIMIT LESS THAN 12FT, LIMITED COMBUSTIBLES LESS THAN 25 GALLONS: ORDINARY GROUP 1 PER NFPA 13, 0.15 GPM PER 1500 SQ. FT.
- HYDRAULIC CALCULATION SHALL BE CALCULATED WITH 10% SAFETY FACTOR OF SUPPLY CURVE.
- FLOW DATA TO BE RESPONSIBILITY OF CONTRACTOR.



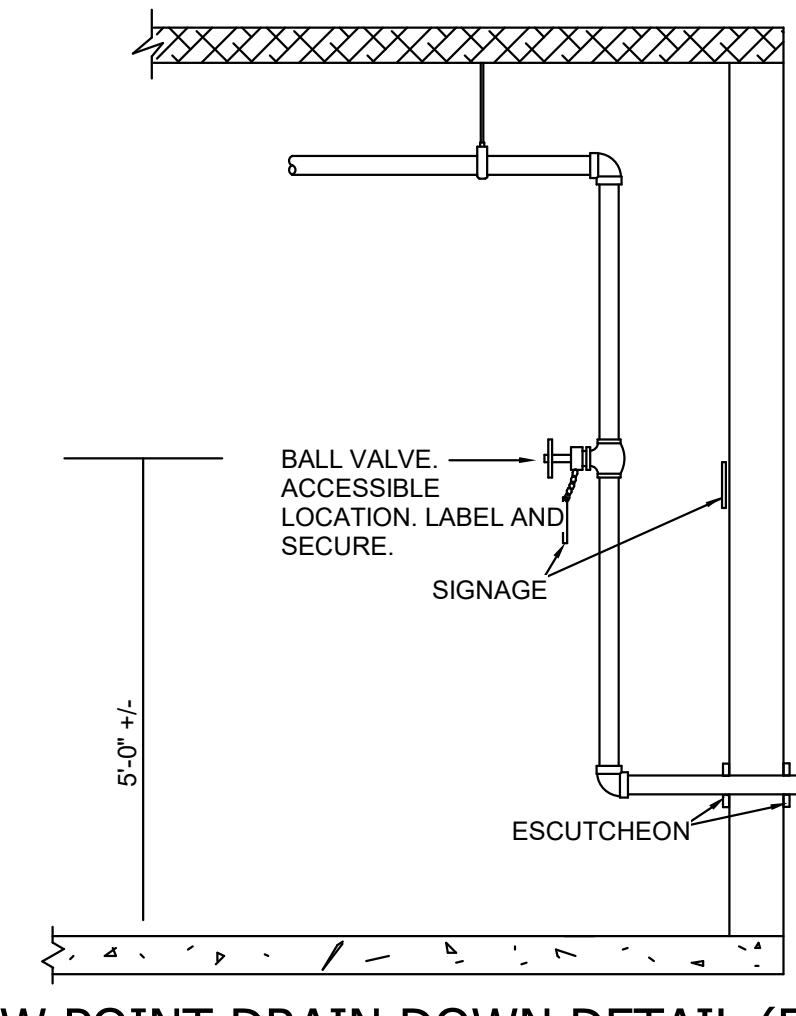
TOP BEAM CLAMP DETAIL
 NO SCALE



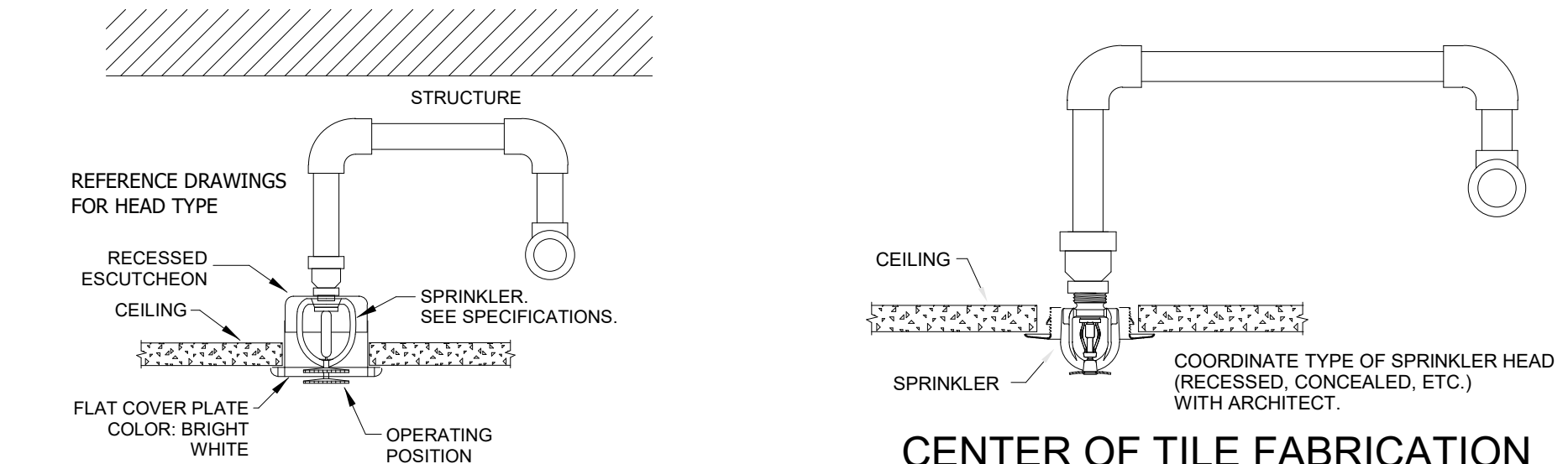
TRAPEZE HANGER DETAIL - UNISTRUT
 NO SCALE



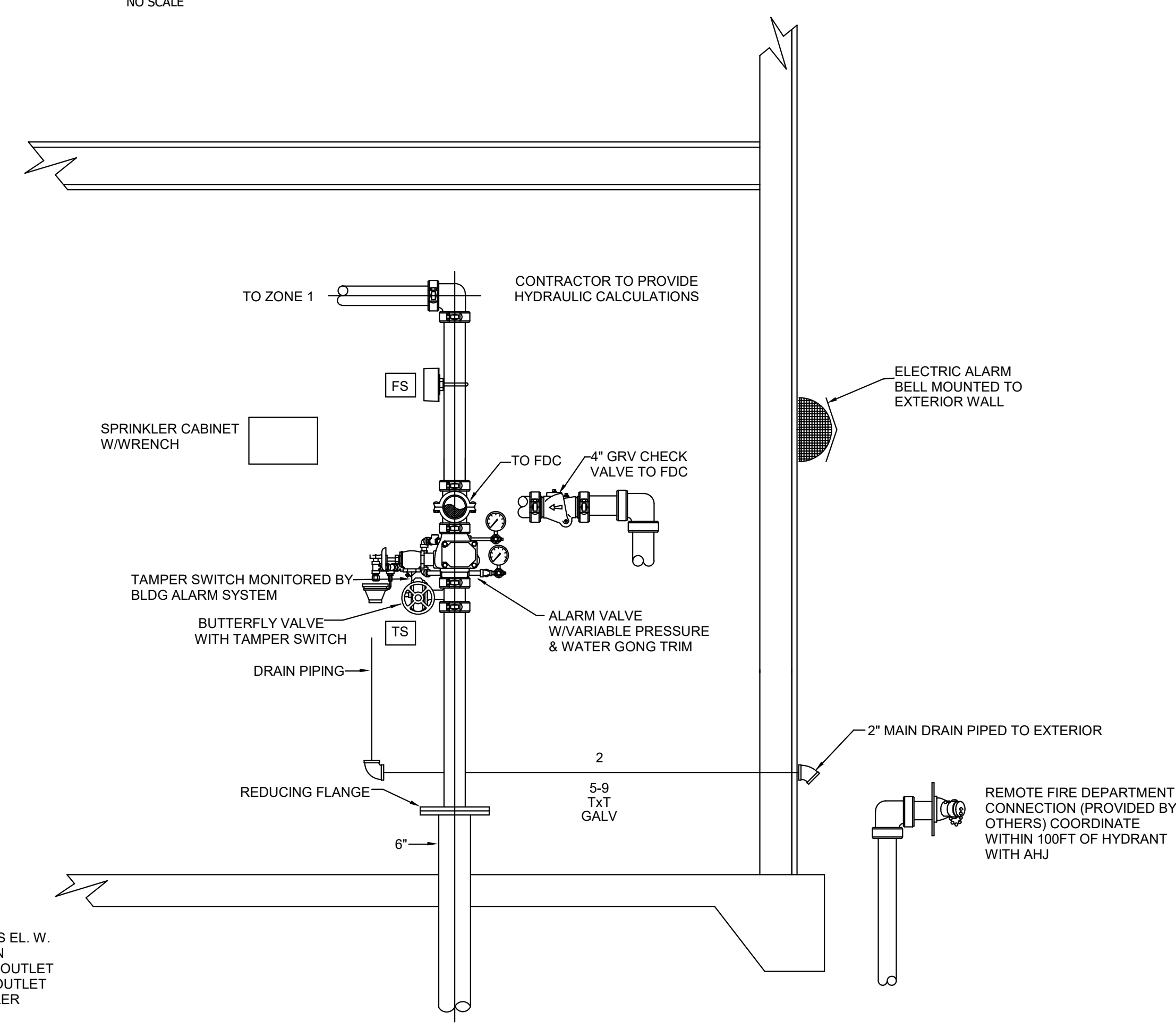
INSPECTOR'S TEST CONNECTION
 NO SCALE



LOW POINT DRAIN DOWN DETAIL (EXTERIOR)
 NO SCALE



QUICK RESPONSE CONCEALED SPRINKLER
 NO SCALE



FIRE SERVICE ENTRY - BUILDING
 NO SCALE

Dewberry | DMONDS
 2 Riverchase Office Plaza
 Suite 205
 Hoover, AL 35244
 (205) 988-2069
 www.dewberry.com
 Project Number :
 50166739

Professional Engineer
 No. 2474
 PROFESSIONAL
 2-28-24
 ENGINEER
 WADE STEWART

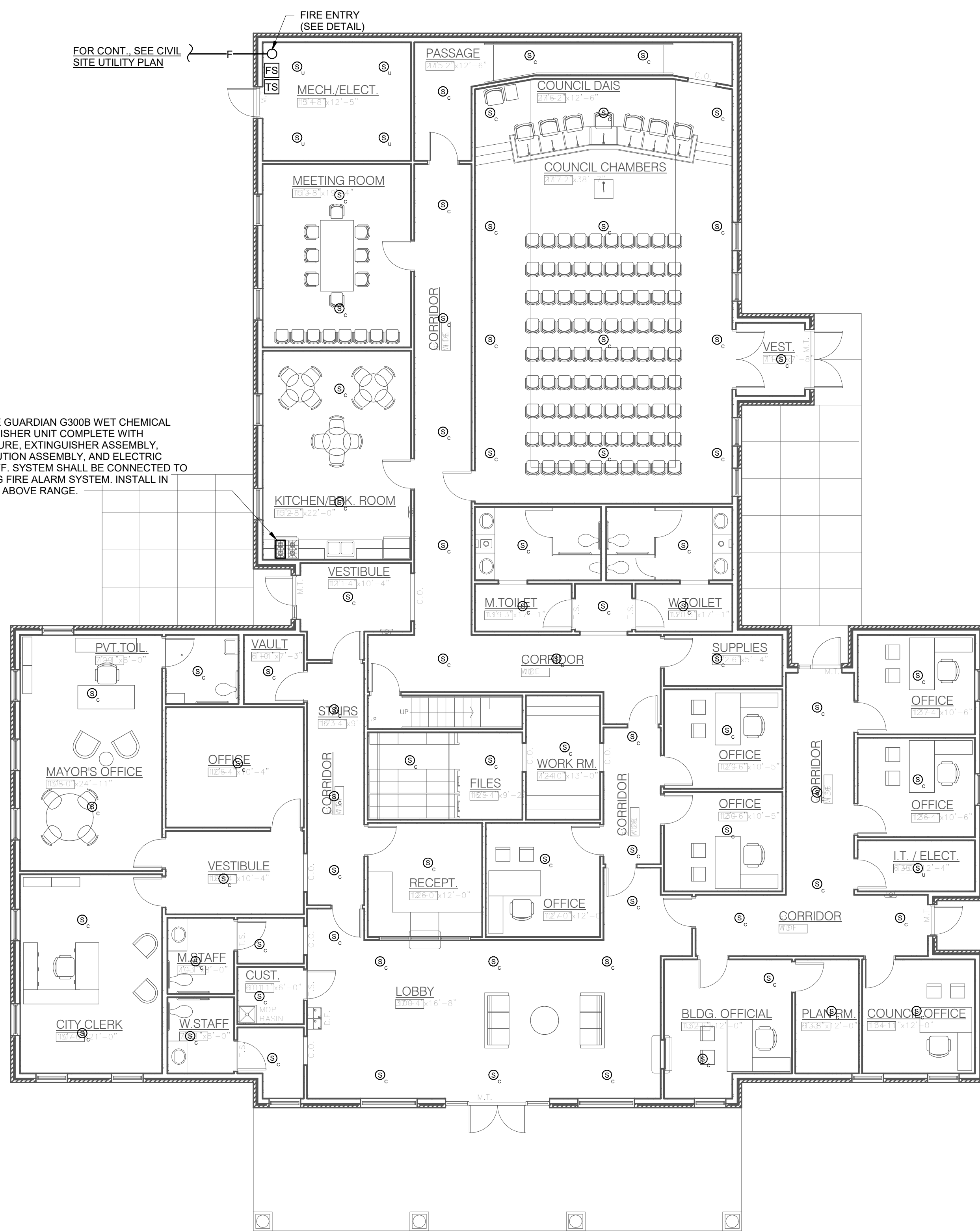
THOMAS M. McELRATH, ARCHITECT
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A NEW CITY HALL and MUNICIPAL OFFICE FACILITY
 for the
CITY of CENTRE, LABAMA
 350 E. MAIN STREET

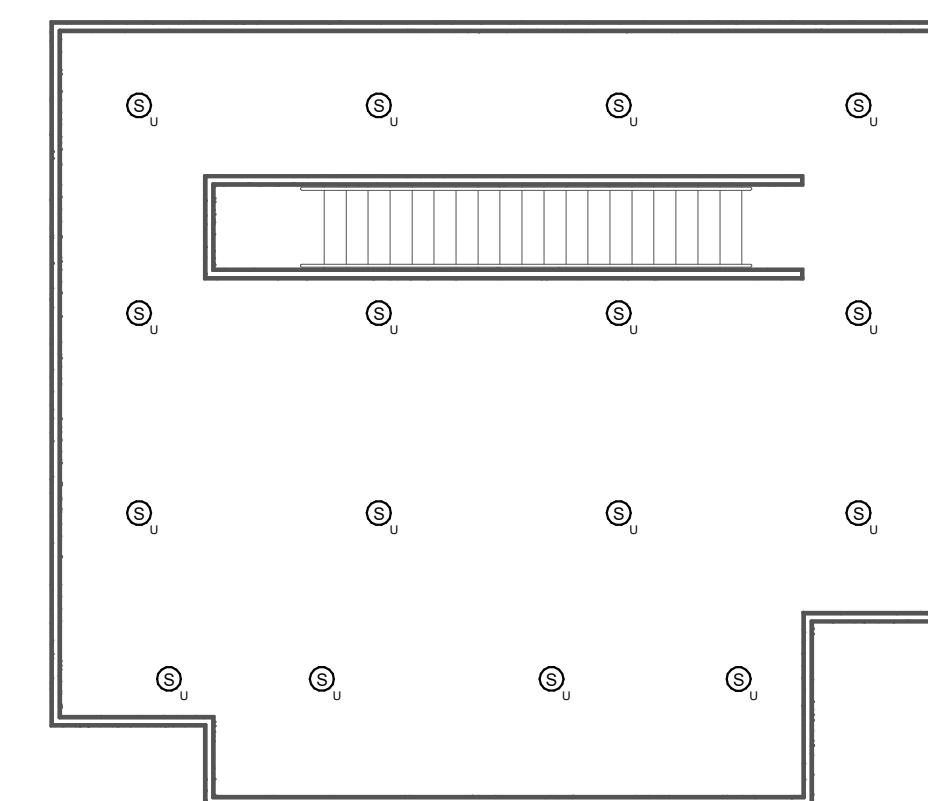
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SHEET
FPO.1
NUMBER

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SCALE	AS NOTED
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JOB NO.	22-06
REVISIONS	



FIRE PROTECTION - FLOOR PLAN
 1/8" = 1'-0"



FIRE PROTECTION - MEZZANINE FLOOR PLAN
 1/8" = 1'-0"

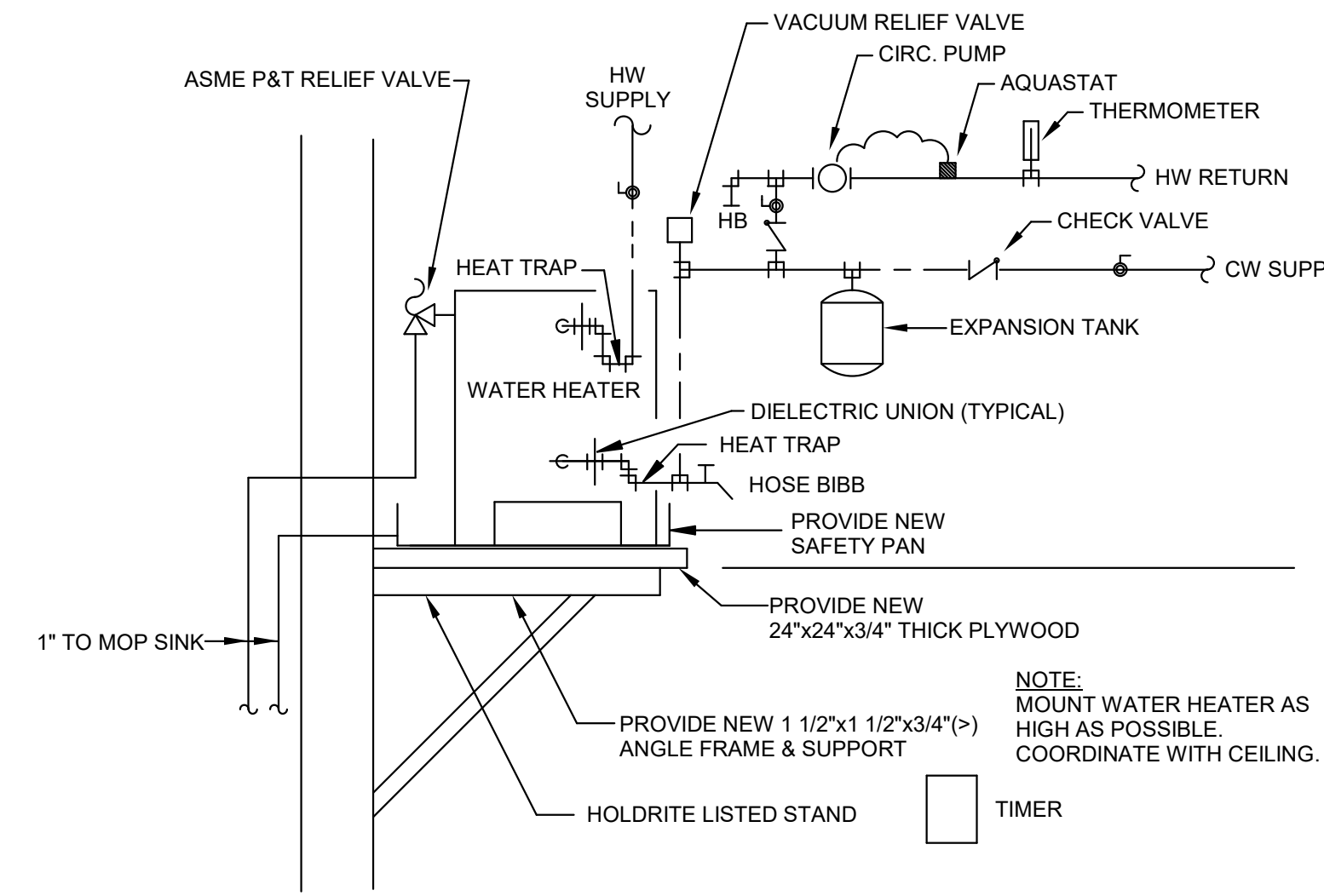


GENERAL NOTES

- LOCATIONS OF UTILITIES SHOWN ON PLANS ARE APPROXIMATE. VERIFY WITH LOCAL UTILITY PRIOR TO BIDDING.
- CONTRACTOR SHALL VERIFY EXACT LOCATION, SIZE, AND ELEVATION OF ALL EXISTING SERVICES PRIOR TO INSTALLING ANY NEW PIPE.
- ALL OUTSIDE CLEANOUTS SHALL BE BROUGHT TO GRADE AND EMBEDDED IN 18"x18"x6" THICK CONCRETE PAD. (J.R. SMITH 4258 OR EQUAL.)
- WHEREVER DISSIMILAR METALS ARE CONNECTED ON WATER LINES, A DIELECTRIC UNION SHALL BE USED.
- ALL HORIZONTAL WATER AND VENT PIPING SHALL BE RUN ABOVE CEILING ON PLAN WHERE SHOWN UNLESS OTHERWISE NOTED.
- ALL HORIZONTAL SANITARY PIPING IS RUN BELOW FLOOR ON PLAN WHERE SHOWN UNLESS OTHERWISE NOTED.
- ALL WATER PIPING BELOW SLAB ON GRADE SHALL BE BENT UP AT ENDS SO THAT NO JOINTS OCCUR BELOW FLOOR.
- COORDINATE ALL PIPE ROUTING TO AVOID CONFLICTS WITH STRUCTURAL, MECHANICAL, AND ELECTRICAL FEATURES OF BUILDING.
- ALL WALL HYDRANTS AND HOSE BIBBS SHALL BE MOUNTED 24" ABOVE FINISH GRADE OF FINISH FLOOR UNLESS OTHERWISE NOTED.
- ALL WATER PIPING INSTALLED IN EXTERIOR WALLS SHALL BE LOCATED ON THE INTERIOR SIDE OF THE EXTERIOR WALL INSULATION.
- NO VENT THRU ROOF IS TO BE LOCATED WITHIN 10 FEET OF ANY BUILDING AIR INTAKES, PER CODE. COORDINATE WITH MECHANICAL AND GENERAL CONTRACTORS.
- DOMESTIC WATER PIPING AND FIRE PROTECTION PIPING LOCATED ABOVE THE CEILING, SHALL BE INSTALLED BELOW CEILING INSULATION.
- CONTRACTOR SHALL COORDINATE MECHANICAL FLOOR DRAIN LOCATIONS WITH MECHANICAL EQUIPMENT PRIOR TO INSTALLATION.
- CONTRACTOR SHALL PROVIDE SHOCK ARRESTORS ON ALL BRANCH LINES.
- CONTRACTOR SHALL COORDINATE ALL SINKS WITH CASEWORK PRIOR TO ORDERING SINKS.
- DOMESTIC WATER PIPING SHALL NOT BE INSTALLED IN EXTERIOR WALLS.
- PROVIDE DISINFECTION OF WATER PIPING SYSTEM WITH CHLORINE SOLUTION AS PER CODE.
- INSTALLATION OF BACKFLOW PREVENTER SHALL COMPLY WITH CURRENT INTERNATIONAL BUILDING CODE AND CURRENT INTERNATIONAL PLUMBING CODE.
- ALL OVERHEAD WATER PIPING TO BE RUN BELOW INSULATION AT BOTTOM OF TRUSSES FOR FREEZE PROTECTION.
- ALL INDIRECT DRAINS TO HAVE INSULATED DEEP SEAL P-TRAPS.
- ALL FLOOR DRAINS AND INDIRECT DRAINS TO HAVE INSULATED DEEP SEAL P-TRAPS WITH TRAP SEAL PROTECTION AS APPROVED BY LOCAL AUTHORITY.
- ALL WALL HYDRANTS TO BE FREEZE PROOF AND TO HAVE VACUUM BREAKERS.
- INSULATION ON ALL PIPING SHALL MEET SMOKE/ FLAME RATING OF 25 & 50.
- NO JOINTS IN WATER PIPING BELOW SLAB.
- THE LOCATION OF LAVATORIES AND WATER CLOSETS RELATIVE TO THE FINISHED WALL IS CRITICAL. REFER TO ARCHITECTURAL AND THE SPECIFICATIONS FOR ADDITIONAL INFORMATION. ALL WATER CLOSETS TO BE 18" FROM FINISH WALL TO CENTER OF WATER CLOSET.
- WATER HAMMER ARRESTORS ARE REQUIRED TO PROTECT WATER PIPING SYSTEMS WHERE QUICK-CLOSING VALVES ARE UTILIZED. WATER HAMMER ARRESTORS SHALL CONFORM TO ASSE 1010.
- THESE DRAWINGS NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. IT IS INTENDED THAT A COMPLETE PLUMBING SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPURTENANCES AND CONTROLS, COMPLETELY COORDINATED WITH ALL DISCIPLINES. ALL PARAMETERS GIVEN IN THESE DOCUMENTS SHALL BE STRICTLY CONFORMED WITH ANY ITEMS AND LABOR REQUIRED FOR A COMPLETE PLUMBING SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS AND THESE CONTRACT DOCUMENTS SHALL BE FURNISHED WITHOUT INCURRING ANY ADDITIONAL COST TO THE PROJECT. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS AND THE DESIGN OF OTHER TRADES BEFORE PREPARING SHOP DRAWINGS.
- COORDINATE PLUMBING PIPING WITH STRUCTURAL, PLUMBING, HVAC, AND ELECTRICAL. MAKE OFFSETS AND TRANSITIONS TO COORDINATE WITH OTHER TRADES WITHOUT ANY ADDITIONAL COST TO THE PROJECT.
- COORDINATE ALL PLUMBING IN SLAB WITH BUILDING FOOTINGS.
- NO PIPING TO BE RUN ABOVE ELECTRICAL PANELS. MAINTAIN ALL REQUIRED CLEARANCES.
- CONTRACTOR SHALL VISIT JOB SITE AND VERIFY EXISTING CONDITIONS BEFORE SUBMITTING A PRICE, ORDERING MATERIALS OR PERFORMING ANY WORK. NOTIFY THE ARCHITECT OF ANY DEVIATION FROM PLUMBING PLAN.
- MAINTAIN A MAXIMUM OF 55 PSIG WATER PRESSURE AT PLUMBING FIXTURES, CONSISTENT WITH ADEQUATE FLOW RATES.
- VENTS THRU ROOF MUST BE LOCATED A MINIMUM OF 10'-0" AWAY FROM ANY OUTSIDE AIR INTAKE.
- SUPPORT PIPE AS REQUIRED BY THE CURRENT INTERNATIONAL PLUMBING CODE.
- ALL FOOTINGS AT PLUMBING CHASE WALLS SHALL BE MIN 24" BELOW FINISHED GRADE TO COORDINATE WITH WASTE PIPING IN SLAB.
- FIRESTOP ALL RATED WALL AND FLOOR PENETRATIONS. SEE ARCHITECTURAL DRAWINGS FOR RATED WALL AND FLOOR LOCATIONS.
- OFFSET ALL VTR'S TO BACKSIDE OF ROOF RIDGE.
- DO NOT BEGIN WORK UNTIL ELEVATION OF FINAL CONNECTION POINT IS VERIFIED AND GRADING OF ENTIRE SYSTEM CAN BE DETERMINED (EVEN IF FINAL CONNECTION IS SPECIFIED UNDER ANOTHER SECTION).

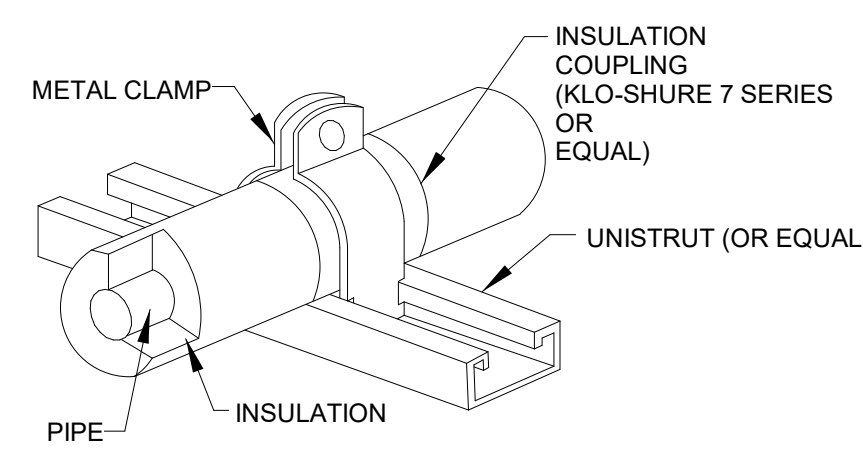
PLUMBING LEGEND

---	DOMESTIC COLD WATER	MFD	MECHANICAL FLOOR DRAIN	WH - #	WATER HEATER
---	DOMESTIC HOT WATER SUPPLY	CO	CLEANOUT	HW	HOT WATER
---	DOMESTIC HOT WATER RETURN	FD	FLOOR DRAIN	HWR	HOT WATER RETURN
---	SOIL, WASTE, OR SANITARY SEWER	ES	FLOOR SINK	TYP	TYPICAL
---	VENT	P-#	PLUMBING FIXTURE	VS	VENT STACK
---	PIPE TURNING DOWN	WH	WALL HYDRANT	VSTR	VENT THROUGH ROOF
---	PIPE TURNING UP	ABV	ABOVE	WS	WASTE STACK
---	TEE DOWN	AFF	ABOVE FINISHED FLOOR	HB	HOSE BIBB
---	TEE UP	BFP	BACKFLOW PREVENTER	EX	EXISTING
---	UNION	BFF	BELOW FINISHED FLOOR	DN	DOWN
---	CHECK VALVE		BALL VALVE	CW	COLD WATER



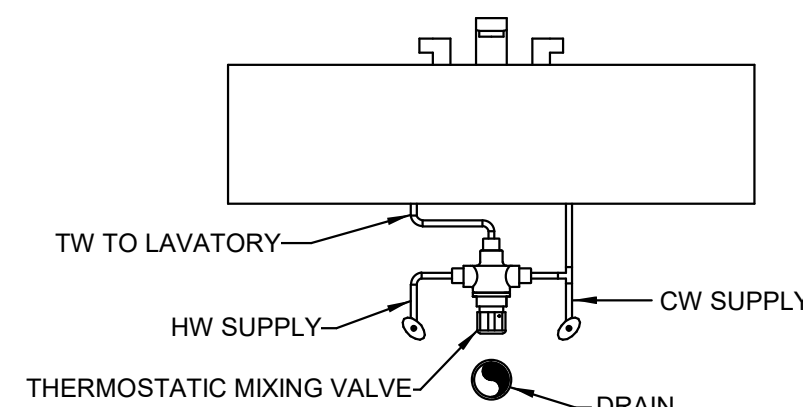
DETAIL OF PIPING AT WATER HEATER

NO SCALE



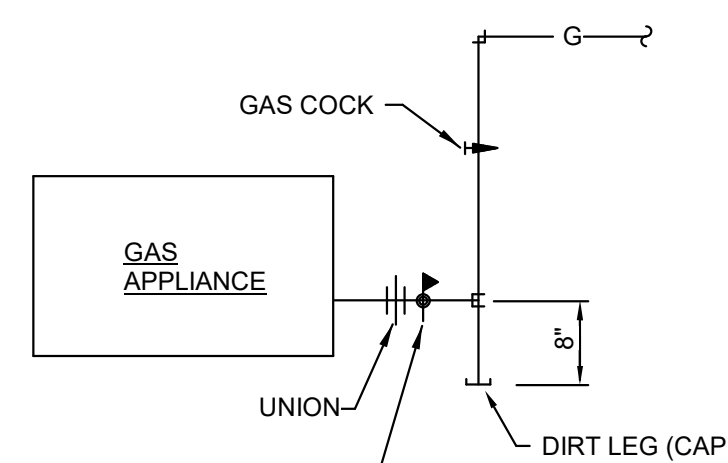
STRUT-MOUNTED PIPING SUPPORT INSULATION COUPLING DETAIL

NO SCALE



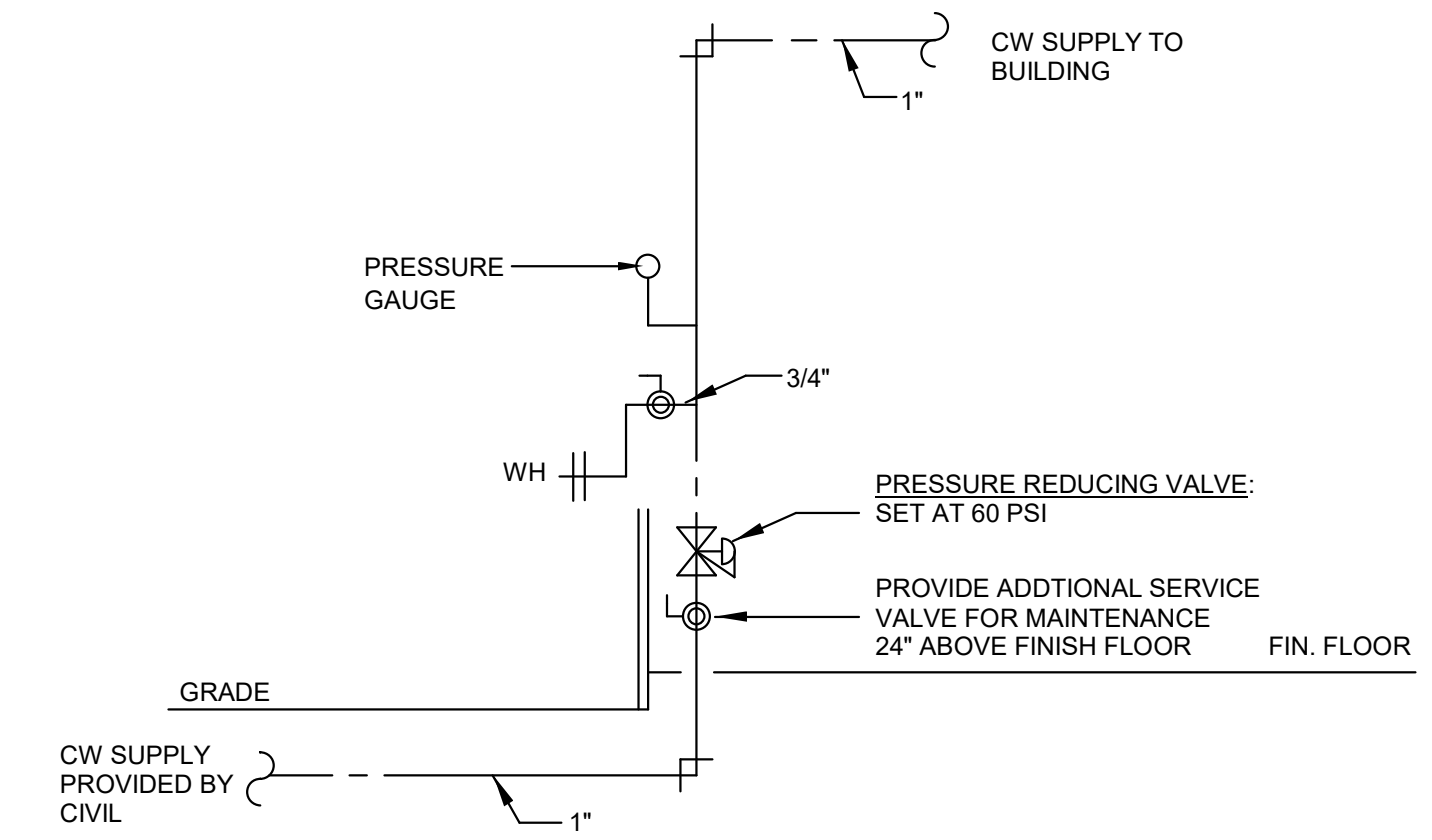
DETAIL OF TMV BELOW LAVATORY

NO SCALE



TYP. GAS CONNECTION

NO SCALE



DETAIL OF WATER ENTRY

NO SCALE

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	WASTE	CW	HW	REMARKS
	GAS METER				
FD	FLOOR DRAIN	3"	-	-	J.R. SMITH #2010 WITH 6" ROUND NICKEL BRONZE GRATE. PROVIDE WITH J.R. SMITH TRAP INSERT.
MFD	MECHANICAL FLOOR DRAIN	4"	-	-	J.R. SMITH #2242 WITH SEDIMENT BUCKET. PROVIDE WITH J.R. SMITH TRAP INSERT.
P-1	WATER CLOSET - ADA COMPLIANT	4"	1"	-	FLOOR MOUNTED - KOHLER K-96057-SS-0 COMPLETE SLOAN #111 FLUSH VALVE WITH YJ BRACKET AND CHURCH "DURA GUARD" MODEL #2155 SSC SEAT.
P-2	WATER CLOSET	4"	1"	-	FLOOR MOUNTED - KOHLER K-96053-SS-0 COMPLETE SLOAN #111 FLUSH VALVE WITH YJ BRACKET AND CHURCH "DURA GUARD" MODEL #2155 SSC SEAT.
P-3	LAVATORY	1 1/4"	1/2"	1/2"	UNDERMOUNT-KOHLER K-2210-4 COMPLETE. SYMMONS S-20-0 FAUCET. MCGUIRE #8872 P-TRAP. MCGUIRE 165 SUPPLIES WITH STOPS. INSULATE ALL WITH "PRO-WRAP" BY MCGUIRE. PROVIDE LAWLER 570 MIXING VALVE MOUNTED BELOW LAVATORY UNLESS OTHERWISE NOTED ON THE DRAWINGS.
P-4	URINAL - ADA COMPLIANT	3"	1"	-	WALL MOUNTED-KOHLER K-5016-ET COMPLETE. K-9183 STAINLESS STEEL STRAINER. J.R. SMITH #623 FIXTURE SUPPORT, AND SLOAN #186 FLUSH VALVE WITH YJ BRACKET. SET LIP 17" AFF.
P-5	LAVATORY - ADA COMPLIANT	1 1/4"	1/2"	1/2"	WALL HUNG - KOHLER K-2032 (20" X 18") COMPLETE. SYMMONS S-20-0 FAUCET. K7715 OUTLET WITH TAILPIECE. J.R. SMITH #700-M31-Z FIXTURE SUPPORT. MCGUIRE #165 SUPPLIES WITH STOPS AND MCGUIRE #8872 P-TRAP. INSULATE P-TRAP, STOPS AND SUPPLIES WITH "PRO-WRAP" BY MCGUIRE. MOUNT WITH RIM MAXIMUM 34" AFF. PROVIDE LAWLER 570 THERMOSTATIC MIXING VALVE MOUNTED BELOW LAVATORY. RUN 100" F WATER TO FAUCET. MUST MEET A.D.A. GUIDELINES.
P-6	DOUBLE BOWL SINK	1 1/2"	1/2"	1/2"	ELKAY LRAD-3321, LK-35 STRAINERS, SYMMONS S-23-3 FAUCET. MCGUIRE #8912 P-TRAP, CONTINUOUS WASTE OUTLET, AND #65 STOPS WITH SUPPLIES.
P-7	REF. ICE MAKER BOX	-	1/2"	-	FURNISHED AND INSTALLED UNDER ANOTHER SECTION. PROVIDE IN WALL BEHIND REFRIGERATOR A GUY GRAY MODEL "B" 1/8 GAUGE ALL METAL BOX LESS DRAIN AND SUPPLIES. PROVIDE IN BOX A 1/2" BALL VALVE WITH 10 FEET OF 1/4" SOFT COPPER COILED IN BOX FOR CONNECTION TO REFRIGERATOR ICE MAKER.
P-8	MOP SINK	3"	1/2"	1/2"	STERN WILLIAMS #SBC-1700 (24" X 24") COMPLETE, T-35 HOSE WITH WALL HOOK, STAINLESS STEEL BACKSPASH AND CHICAGO FAUCET #897 FAUCET.
P-9	WATER COOLER - ADA COMPLIANT	1 1/2"	1/2"	-	ELKAY # EZSTL8WSK BI-LEVEL WATER COOLER WITH BOTTLE FILLER STATION. COMPLETE WITH STAINLESS STEEL CABINET AND WATERWAYS THAT ARE MANUFACTURED OF 100% LEAD FREE MATERIAL. J.R. SMITH #834 FIXTURE SUPPORT EBC T-35 P-TRAP AND EBC L410 STOP WITH SUPPLY. FULLY INSULATE P-TRAP WITH EBC IK INSULATOR. INSTALL WITH LOWER SPOUT OUTLET MAXIMUM 36" AFF. MUST MEET A.D.A. INSTALL WITH BOTTLE FILLER. INSTALL COMPLETE. PROVIDE WITH ELKAY MODEL #LKAPREZL CANE APRON AS REQUIRED.
WH	WALL HYDRANT	-	3/4"	-	J.R. SMITH #5509-QT, WITH INTEGRAL BACKFLOW PREVENTER, LATCHING COVER, FREEZE-PROOF AND OF PROPER LENGTH FOR WALL IN WHICH INSTALLED, ALL BRONZE BOX. VALVE SEAT MUST BE ON BUILDING SIDE OF EXTERIOR WALL INSULATION. INSTALL WITH CENTER LINE 24" ABOVE FINISH GRADE. PROVIDE OWNER WITH ONE (1) LOOSE KEY FOR EACH WALL HYDRANT.

WATER HEATER SCHEDULE

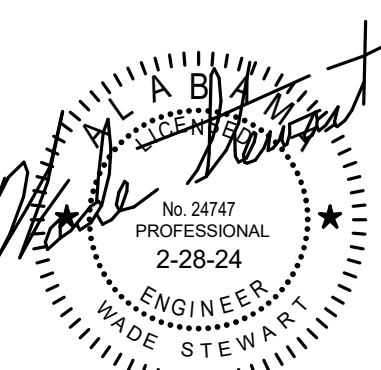
MARK	FIXTURE	ELEC INFO.	REMARKS
CP-1	CIRCULATION PUMP	1/12 HP, 115/1/60	ARMSTRONG COMPASS H, PROVIDE WITH TIMER AND AQUASTAT EQUAL TO HONEYWELL L6006A.
ET-1	EXPANSION TANK	-	AMTROL THERM - X-TROL #ST-5 EXPANSION TANK, PRE-CHARGED, WELDED STEEL CONSTRUCTION. ISOLATION BETWEEN WATER AND AIR SHALL BE BY A BUTYL DIAPHRAM.
WH-1	ELECTRIC WATER HEATER	208V, 1 PHASE, 1.5 KW	LOCHINVAR LDS-20TK, 20 GALLON STORAGE, 18 GALLON RECOVERY AT 100°F RISE. NEW P&T RELIEF VALVE. SET OUTLET TEMPERATURE AT 125°F. INSTALL AS DETAILED ON DRAWINGS. VERIFY VOLTAGE WITH ELECTRICAL SECTION.

WALL CLEANOUT

NO SCALE

SUSPENDED PIPE SUPPORT

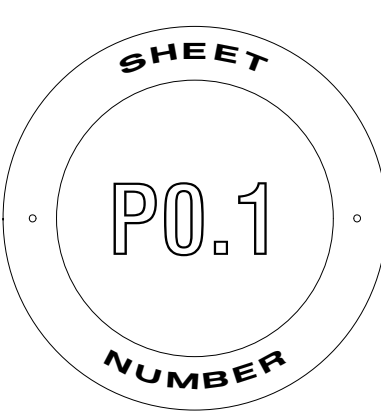
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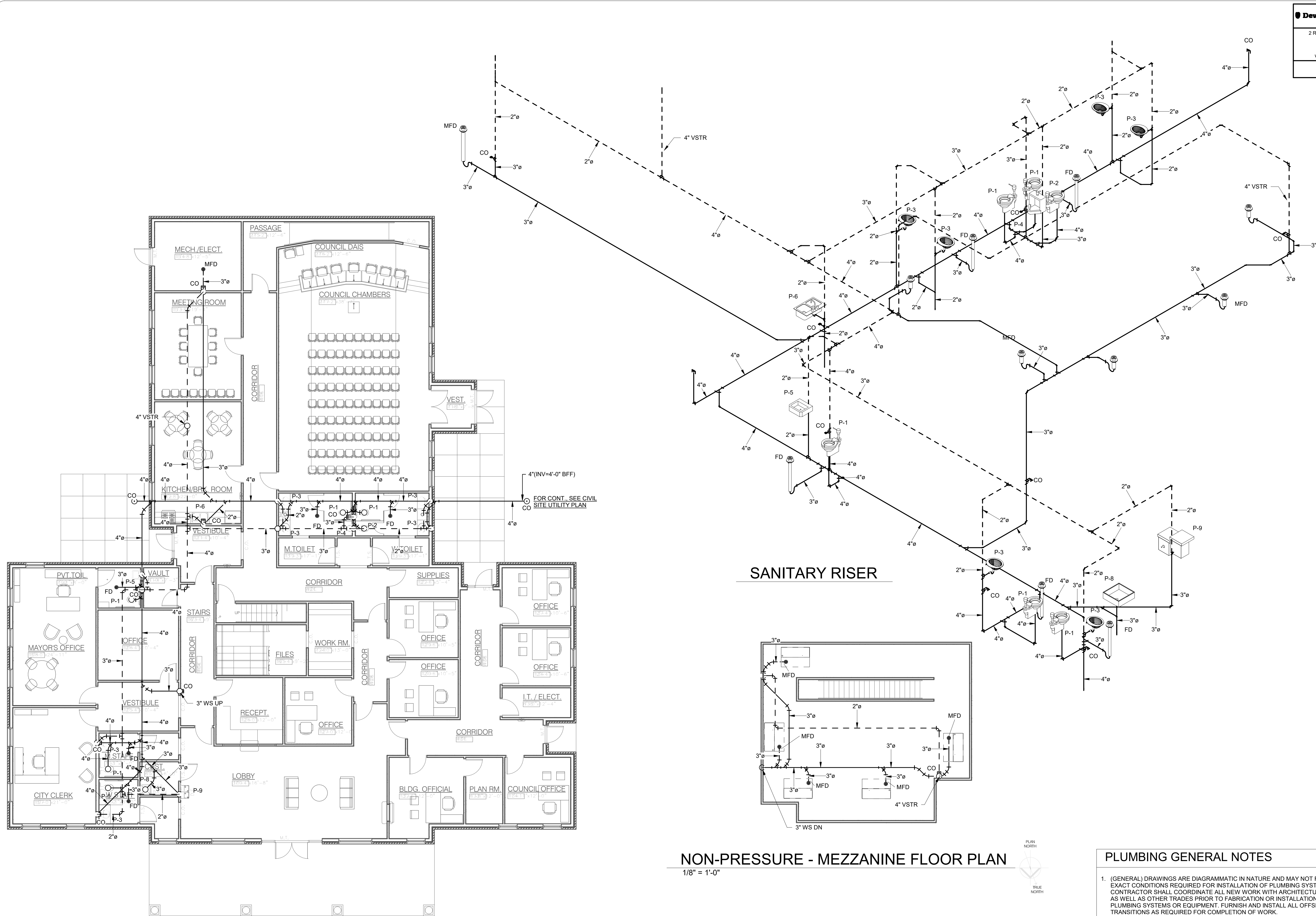


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A NEW CITY HALL and MUNICIPAL OFFICE FACILITY for the CITY of CENTRE, LABAMA
 350 E. MAIN STREET

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CHECKED	SMC
SCALE	AS NOTED
DATE	2/28/24
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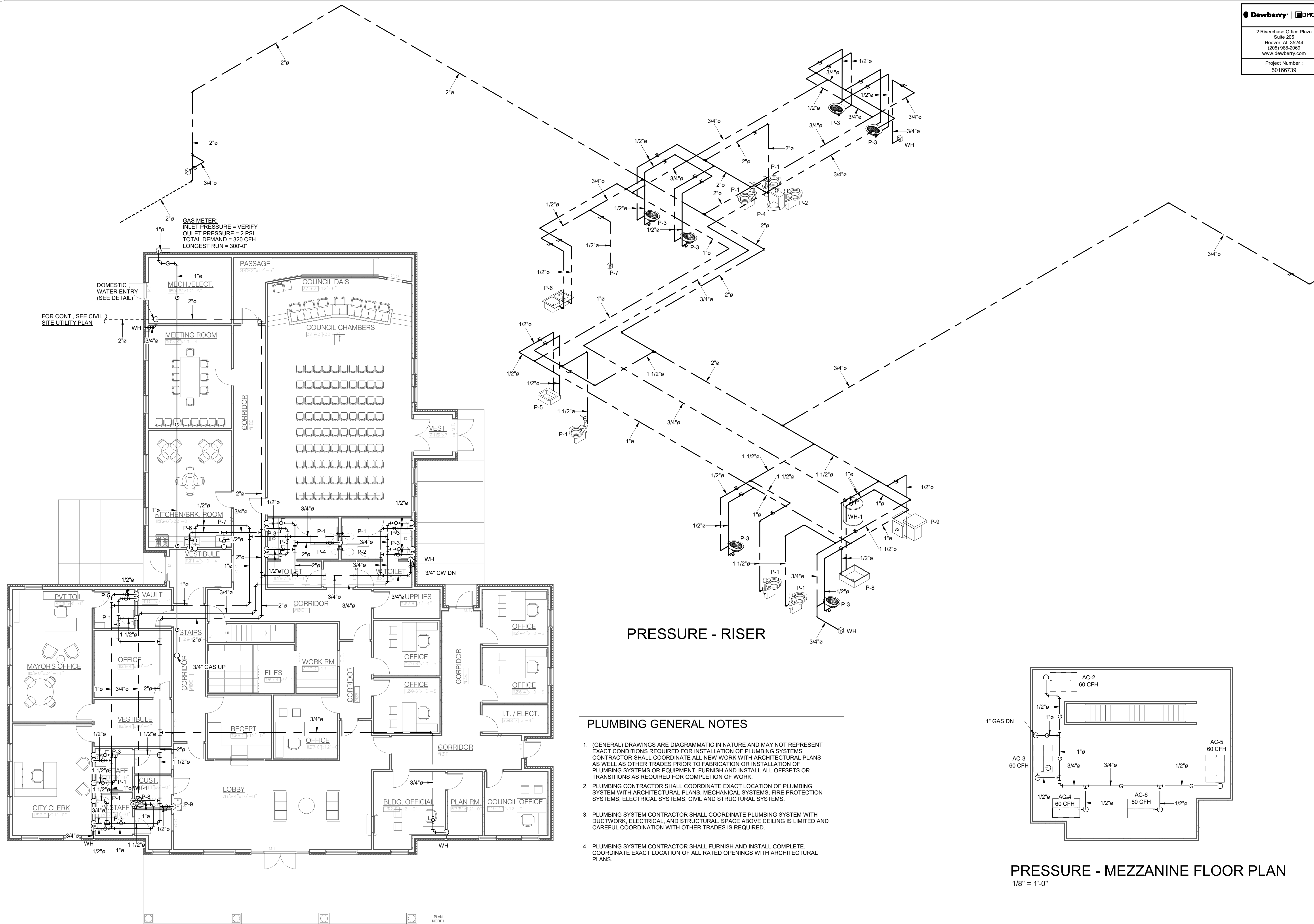
NON-PRESSURE - FLOOR PLAN
 1/8" = 1'-0"

NON-PRESSURE - MEZZANINE FLOOR PLAN
 1/8" = 1'-0"

PLUMBING GENERAL NOTES

- (GENERAL) DRAWINGS ARE DIAGRAMMATIC IN NATURE AND MAY NOT REPRESENT EXACT CONDITIONS REQUIRED FOR INSTALLATION OF PLUMBING SYSTEMS. CONTRACTOR SHALL COORDINATE ALL NEW WORK WITH ARCHITECTURAL PLANS AS WELL AS OTHER TRADES PRIOR TO FABRICATION OR INSTALLATION OF PLUMBING SYSTEMS OR EQUIPMENT. FURNISH AND INSTALL ALL OFFSETS OR TRANSITIONS AS REQUIRED FOR COMPLETION OF WORK.
- PLUMBING CONTRACTOR SHALL COORDINATE EXACT LOCATION OF PLUMBING SYSTEM WITH ARCHITECTURAL PLANS, MECHANICAL SYSTEMS, FIRE PROTECTION SYSTEMS, ELECTRICAL SYSTEMS, CIVIL AND STRUCTURAL SYSTEMS.
- PLUMBING SYSTEM CONTRACTOR SHALL COORDINATE PLUMBING SYSTEM WITH DUCTWORK, ELECTRICAL, AND STRUCTURAL. SPACE ABOVE CEILING IS LIMITED AND CAREFUL COORDINATION WITH OTHER TRADES IS REQUIRED.
- PLUMBING SYSTEM CONTRACTOR SHALL FURNISH AND INSTALL COMPLETE. COORDINATE EXACT LOCATION OF ALL RATED OPENINGS WITH ARCHITECTURAL PLANS.

DRAWN	ADH
CHECKED	SMC
SCALE	AS NOTED
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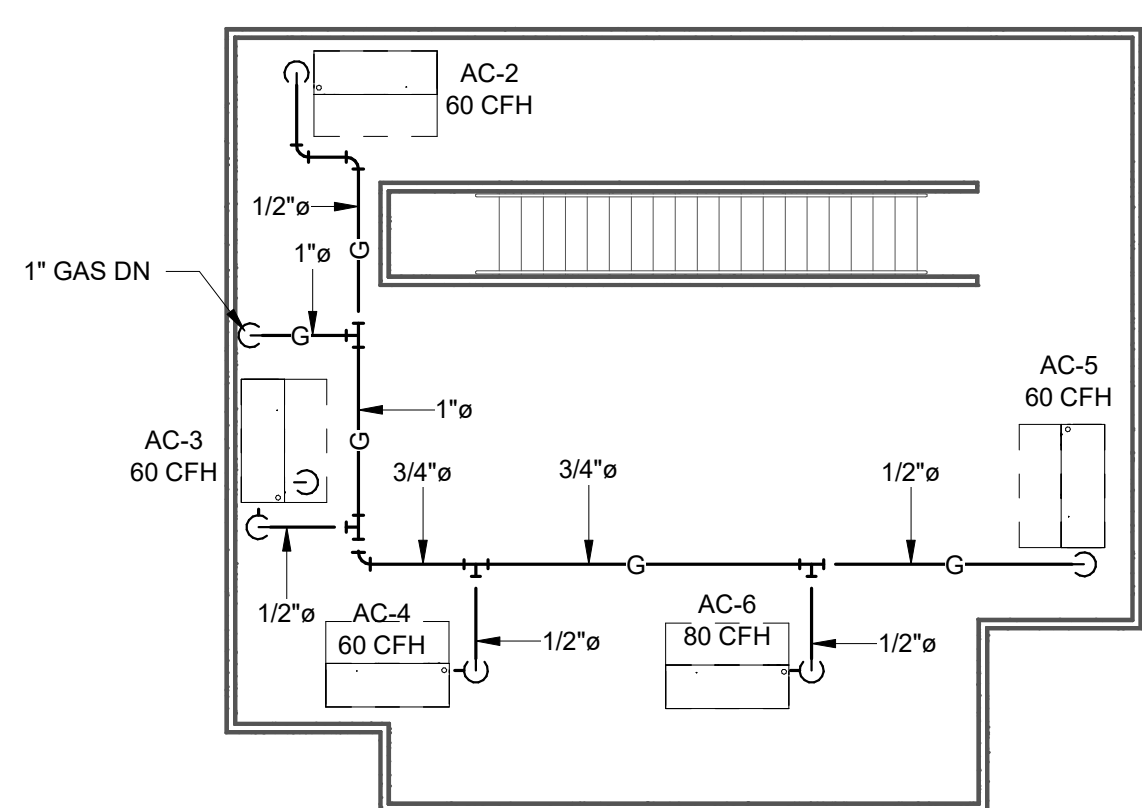


GAS METER
 INLET PRESSURE = VERIFY
 OUTLET PRESSURE = 2 PSI
 TOTAL DEMAND = 320 CFH
 LONGEST RUN = 300'-0"

FOR CONT. SEE CIVIL
 SITE UTILITY PLAN

PRESSURE - RISER

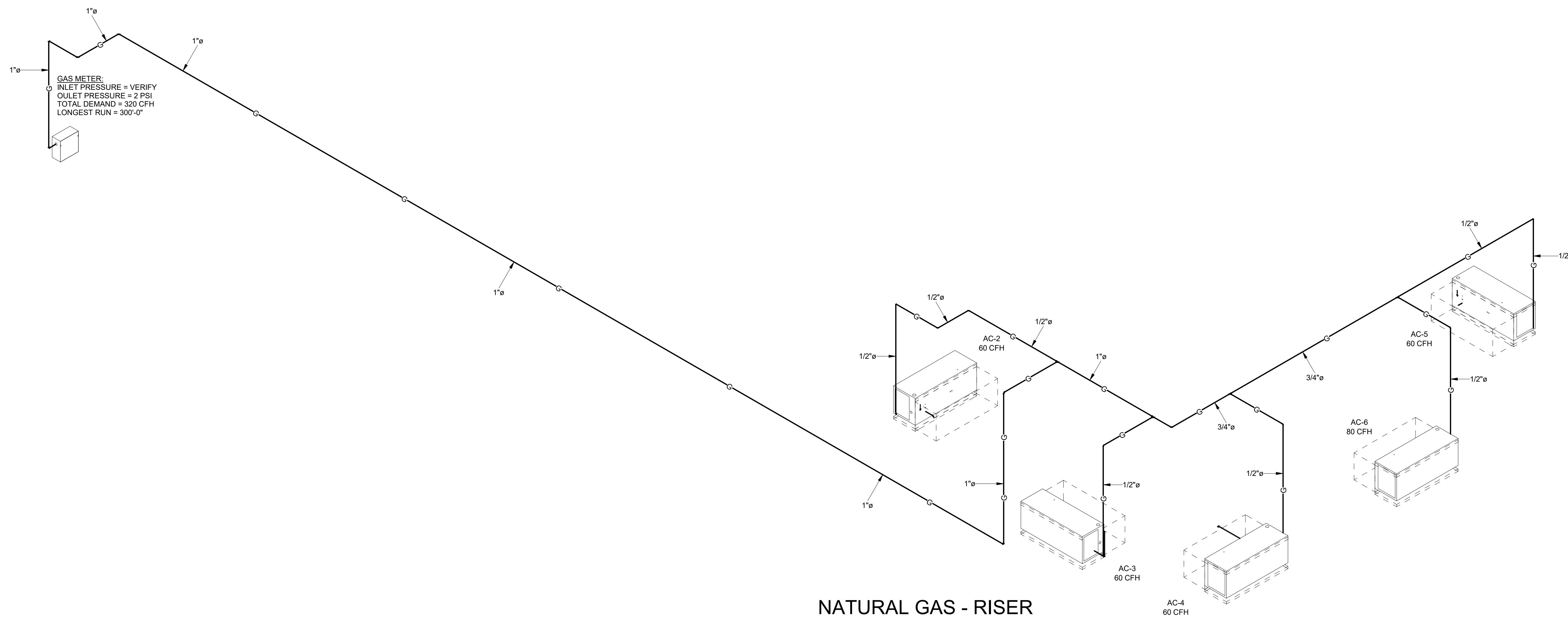
- PLUMBING GENERAL NOTES**
- (GENERAL) DRAWINGS ARE DIAGRAMMATIC IN NATURE AND MAY NOT REPRESENT EXACT CONDITIONS REQUIRED FOR INSTALLATION OF PLUMBING SYSTEMS. CONTRACTOR SHALL COORDINATE ALL NEW WORK WITH ARCHITECTURAL PLANS AS WELL AS OTHER TRADES PRIOR TO FABRICATION OR INSTALLATION OF PLUMBING SYSTEMS OR EQUIPMENT. FURNISH AND INSTALL ALL OFFSETS OR TRANSITIONS AS REQUIRED FOR COMPLETION OF WORK.
 - PLUMBING CONTRACTOR SHALL COORDINATE EXACT LOCATION OF PLUMBING SYSTEM WITH ARCHITECTURAL PLANS, MECHANICAL SYSTEMS, FIRE PROTECTION SYSTEMS, ELECTRICAL SYSTEMS, CIVIL AND STRUCTURAL SYSTEMS.
 - PLUMBING SYSTEM CONTRACTOR SHALL COORDINATE PLUMBING SYSTEM WITH DUCTWORK, ELECTRICAL, AND STRUCTURAL SPACE ABOVE CEILING IS LIMITED AND CAREFUL COORDINATION WITH OTHER TRADES IS REQUIRED.
 - PLUMBING SYSTEM CONTRACTOR SHALL FURNISH AND INSTALL COMPLETE. COORDINATE EXACT LOCATION OF ALL RATED OPENINGS WITH ARCHITECTURAL PLANS.



PRESSURE - MEZZANINE FLOOR PLAN
 1/8" = 1'-0"

PRESSURE - FLOOR PLAN
 1/8" = 1'-0"

DRAWN	ADH
CHECKED	SMC
SCALE	AS NOTED
DATE	2/28/24
FILE	
JOB NO.	22-06
REVISIONS	



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HVAC ABBREVIATIONS

A	AMPS
AFF	ABOVE FINISH FLOOR
AHU	AIR HANDLING UNIT
AMB	AMBIENT
ARCH.	ARCHITECTURAL
BHP	BRAKE HORSEPOWER
BOD	BOTTOM OF DUCT
BTUH	BRITISH THERMAL UNIT PER HOUR
CFM	CUBIC FEET PER MINUTE
DB	DRY BULB
DN.	DOWN
F	DEGREES FAHERNHEIT
Δ P	CHANGE IN PRESSURE
Δ T	CHANGE IN TEMPERATURE
DIA.	DIAMETER
EA	EXHAUST AIR
ENT.	ENTERING
EAT	ENTERING AIR TEMPERATURE
EMG	EXPANDED METAL GRILLE
EWT	EXTERNAL WATER TEMPERATURE
E.S.P.	EXTERNAL STATIC PRESSURE
EX.	EXISTING
EXT.	EXTERNAL
FFM	FEET PER MINUTE
FT.	FEET
F.V.	FACE VELOCITY
GAL.	GALLONS
GPM	GALLONS PER MINUTE
H	HEIGHT
HP	HORSEPOWER
IN.	INCHES
I.D.	INSIDE DIAMETER
KW	1000 WATTS
L	LENGTH
LBS.	POUNDS
LRA	LOCKED ROTOR AMPS
LVG.	LEAVING
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MAX.	MAXIMUM
MAT	MIXED AIR TEMPERATURE
MBH	1000 BTUH
MCA	MINIMUM CIRCUIT AMPACITY
MIN.	MINIMUM
MCCP	MAXIMUM OVER CURRENT PROTECTION
NO	NORMALLY OPEN
NC	NORMALLY CLOSED
NPLV	NON-STAND PART LOAD VALUE
OSA	OUTSIDE AIR
O.D.	OUTSIDE DIAMETER
PSI	POUNDS PER SQUARE INCH
PSIA	PSI ATMOSPHERIC
PSIG	PSI GAUGE
RA	RETURN AIR
RAT	RETURN AIR TEMPERATURE
RH	RELATIVE HUMIDITY
RLA	RATED LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SAT	SUPPLY AIR TEMPERATURE
T.S.P.	TOTAL STATIC PRESSURE
TD	TRANSFER DUCT
TOD	TOP OF DUCT
U.N.O.	UNLESS NOTED OTHERWISE
V	VOLUME
V/Hz	VOLTS/PHASE/HERTZ
W.G.	WATER GAGE
W	WIDTH
WB	WET BULB

HVAC CONTROLS LEGEND

	TEMPERATURE SENSOR
	HUMIDITY SENSOR
	CO2 MONITOR
	120V HVAC CONTROLS POWER
	AVERAGING TEMPERATURE SENSOR
	DUCT MOUNTED HUMIDITY SENSOR
	ANALOG OUTPUT
	ANALOG INPUT
	DIGITAL OUTPUT
	DIGITAL INPUT
	DUCT MOUNTED SMOKE DETECTOR. SMOKE DETECTOR FURNISHED AND WIRED BY ELECTRICAL CONTRACTOR, INSTALLED IN DUCT BY MECHANICAL CONTRACTOR.
	HAND-OFF-AUTO MAGNETIC STARTER
	DUCT STATIC PRESSURE SENSOR
	DIFFERENTIAL PRESSURE SENSOR
	INTERLOCK WITH FIRE ALARM SYSTEM
	FAN/PUMP MOTOR
	VARIABLE FREQUENCY DRIVE
	CURRENT TRANSDUCER
	FLOW SWITCH
	DIRECTION OF FLOW
	PIPE MOUNTED TEMPERATURE SENSOR
	2-WAY AUTOMATIC VALVE
	3-WAY AUTOMATIC VALVE
	HAND-OFF-AUTO SWITCH
	AIR FLOW MONITOR. (PROVIDE ACCESS DOOR AT EACH AIR FLOW MONITOR.)

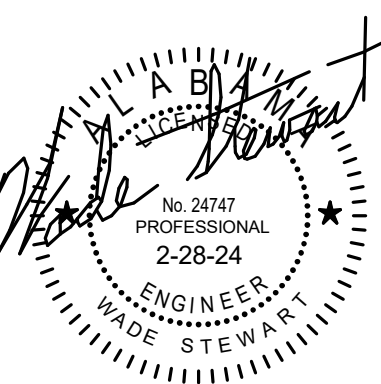
HVAC GENERAL NOTES

- MECHANICAL DRAWINGS ARE DIAGRAMMATIC AND SUBJECT TO REQUIREMENTS OF ARCHITECTURAL DRAWINGS AND CONDITIONS EXISTING IN THE FIELD. MECHANICAL DRAWINGS INDICATE GENERALLY THE LOCATION OF COMPONENTS AND ARE NOT INTENDED TO SHOW ALL FITTINGS OR ALL DETAILS OF THE WORK TO BE PERFORMED.
- FOLLOW THE DRAWINGS CLOSELY, COORDINATE DIMENSIONS WITH ARCHITECTURAL DRAWINGS AND FIELD CONDITIONS. DO NOT SCALE MECHANICAL DRAWINGS FOR LOCATIONS OF SYSTEM COMPONENTS.
- COORDINATE CONSTRUCTION OF ALL MECHANICAL WORK WITH ARCHITECTURAL, STRUCTURAL, CIVIL, ELECTRICAL WORK, ETC., SHOWN ON OTHER CONTRACT DOCUMENT DRAWINGS.
- MAKE NO CHANGES WITHOUT THE ARCHITECT'S WRITTEN PERMISSION. IN CASE OF DOUBT, OBTAIN ARCHITECT'S DECISION BEFORE PROCEEDING WITH WORK. FAILURE TO FOLLOW THIS INSTRUCTION SHALL MAKE THE CONTRACTOR LIABLE FOR DAMAGE TO OTHER WORK AND RESPONSIBLE FOR REMOVING AND REPAIRING DEFECTIVE OR MISLOCATED WORK IN PROPER MANNER.
- DO NOT SCALE DRAWINGS TO LOCATE DIFFUSERS AND EQUIPMENT. COORDINATE WITH NEW AND EXISTING LIGHTING, ELECTRICAL CONDUIT, AND ALL EXISTING FIELD CONDITIONS.
- PRIOR TO PREPARING SUBMITTALS, VERIFY ALL EQUIPMENT VOLTAGES WITH ELECTRICAL DRAWINGS AND ELECTRICAL CONTRACTOR AND REPORT ANY INCONSISTENCIES TO THE ARCHITECT PRIOR TO ORDERING EQUIPMENT. ANY FAILURE TO DO SO WILL MAKE THE MECHANICAL CONTRACTOR RESPONSIBLE FOR ANY EQUIPMENT ORDERED WITH THE INCORRECT VOLTAGE.
- PROTECT MECHANICAL EQUIPMENT FROM DAMAGE DURING CONSTRUCTION. WHEN INSTALLATION IS COMPLETE, CLEAN EQUIPMENT AS REQUIRED AND PROVIDE ALL NEW FILTERS.
- INSTALL ALL EQUIPMENT TO PROVIDE NORMAL SERVICE ACCESS TO ALL COMPONENTS. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. IF MANUFACTURER'S RECOMMENDATIONS CONFLICT WITH CONTRACT DOCUMENTS, OBTAIN ARCHITECT'S DECISION BEFORE PROCEEDING.
- FURNISH ACCESS DOORS FOR VALVES, FIRE DAMPERS, DAMPERS, CONTROLS, AIR VENTS, TRAP CLEAN OUTS, AND OTHER ITEMS LOCATED ABOVE NON-LIFTOUT CEILINGS OR BEHIND PARTITIONS OR WALLS. PROVIDE FIRE DAMPERS IN DUCTWORK, GRILLES, AND REGISTERS WITH FIRE RATING EQUAL TO RATING OF WALL OR CEILING. ALL FIRE DAMPERS MAY OR MAY NOT BE SHOWN ON MECHANICAL DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ALL FIRE RATED WALL AND CEILING LOCATIONS AND RATINGS WITH ARCHITECTURAL DRAWINGS.
- ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES AND STANDARDS (SEE SPECIFICATIONS).
- MECHANICAL CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR FOR EXACT QUANTITY AND LOCATIONS OF 120 V CONTROLS POWER TO NECESSARY CONTROL PANELS.
- MECHANICAL CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR FOR EXACT QUANTITY AND LOCATIONS OF 120 V CONTROL POWER FOR VAV TERMINAL UNIT CONTROLS, AUTOMATIC CONTROL VALVES, AND AUTOMATIC DAMPER ACTUATORS.
- PROVIDE ALL NECESSARY RELAYS, SWITCHES, SENSORS, LOW VOLTAGE CONTROL WIRING, ACTUATORS, ETC. FOR A COMPLETE AND FUNCTIONAL BAS CONTROLS SYSTEM.
- COORDINATE EXACT LOCATION OF ALL WALL MOUNTED DEVICES (THERMOSTATS, HUMIDITY SENSORS, ETC.) WITH ARCHITECT PRIOR TO ROUGH IN. ALL WALL MOUNTED DEVICES SHALL BE INSTALLED 48" A.F.F. TO THE TOP OF THE DEVICE.
- COORDINATE EXACT LOCATION ON WALL OF ALL WALL MOUNTED SUPPLY AND RETURN GRILLES/REGISTERS WITH ARCHITECT. WALL MOUNTED SUPPLY AND RETURN GRILLES/REGISTERS SHALL BE PAINTED BY OTHERS.
- COORDINATE ALL DUCT DETECTORS, LOW VOLTAGE WIRING TO ASSOCIATED PROGRAMMING WITH FIRE ALARM CONTRACTOR TO PROVIDE A FULLY FUNCTIONING SYSTEM. VERIFY PROPER OPERATION OF ALL EXISTING DUST SMOKE DETECTORS. REPLACE AS REQUIRED. UPON SENSING SMOKE THE DUCT DETECTOR SHALL SHUT DOWN THE RESPECTIVE UNIT.

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Project Number :
50166739



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A NEW CITY HALL
and
MUNICIPAL OFFICE FACILITY
for the
CITY of CENTRE, LABAMA
350 E. MAIN STREET

HVAC CONTROLS - GENERAL NOTES

- MECHANICAL CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR FOR EXACT QUANTITY AND LOCATIONS OF 120V CONTROL POWER NECESSARY TO CONTROL PANELS AND EQUIPMENT THROUGHOUT PROJECT.
- MECHANICAL CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR FOR EXACT QUANTITY AND LOCATIONS OF 120V CONTROL POWER NECESSARY TO POWER AUTOMATIC CONTROL VALVES, AUTOMATIC DAMPER ACTUATORS, AND SMOKE DAMPER ACTUATORS.
- ALL SMOKE DETECTORS ARE PROVIDED AND WIRED BY ELECTRICAL, INSTALLED BY MECHANICAL.
- PROVIDE ALL NECESSARY RELAYS, SWITCHES, SENSORS, LOW VOLTAGE CONTROL WIRING, ACTUATORS, ETC. FOR A COMPLETE AND FUNCTIONAL CONTROL SYSTEM.
- FOR ALL ROOFTOP AC UNITS AND ALL ENERGY RECOVERY UNITS, PROVIDE A FULLY FUNCTIONAL BUILDING AUTOMATION SYSTEM. PROVIDE A CONTROL PANEL. THE CONTROL PANEL SHALL HAVE A GRAPHICAL USER INTERFACE FOR EASY ADJUSTMENT OF THE CORRESPONDING AC UNIT, INCLUDING SETPOINT ADJUSTMENTS AND OCCUPIED AND UNOCCUPIED HOURS. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- PROVIDE LOCKING COVERS ON ALL THERMOSTATS AND CONTROL DEVICES AS INDICATED ON THE FLOOR PLANS.

AIR DEVICE LEGEND

MARK	EXAMPLE	DESCRIPTION	SIZE	BASIS OF DESIGN																					
"S"		PLAQUE FACE CEILING DIFFUSER WITH ROUND NECK. ALL CEILING DIFFUSERS TO HAVE A 24X24 CEILING PANEL (EXCEPT WHERE SHOWN AS 12X12). ALL CEILING DIFFUSERS TO HAVE ROUND NECKS.	CFM SHOWN ON PLANS. NECK & RUN-OUT SIZED PER THE FOLLOWING: <table border="1"> <thead> <tr> <th>CFM</th> <th>NECK SIZE</th> <th>RUN-OUT SIZE</th> </tr> </thead> <tbody> <tr><td>0 - 100</td><td>6"</td><td>6"</td></tr> <tr><td>101 - 200</td><td>8"</td><td>8"</td></tr> <tr><td>201 - 300</td><td>10"</td><td>10"</td></tr> <tr><td>301 - 500</td><td>12"</td><td>12"</td></tr> <tr><td>501 - 750</td><td>15"</td><td>15"</td></tr> <tr><td>751 - 1000</td><td>18"</td><td>18"</td></tr> </tbody> </table>	CFM	NECK SIZE	RUN-OUT SIZE	0 - 100	6"	6"	101 - 200	8"	8"	201 - 300	10"	10"	301 - 500	12"	12"	501 - 750	15"	15"	751 - 1000	18"	18"	TITUS OMNI
CFM	NECK SIZE	RUN-OUT SIZE																							
0 - 100	6"	6"																							
101 - 200	8"	8"																							
201 - 300	10"	10"																							
301 - 500	12"	12"																							
501 - 750	15"	15"																							
751 - 1000	18"	18"																							
"LD"		LOUVER FACE CEILING DIFFUSER WITH SQUARE NECK. ALL CEILING DIFFUSERS TO HAVE A 24X24 CEILING PANEL (EXCEPT WHERE SHOWN AS 12X12). ALL CEILING DIFFUSERS TO HAVE SQUARE NECKS.	CFM SHOWN ON PLANS. NECK & RUN-OUT SIZED PER THE FOLLOWING: <table border="1"> <thead> <tr> <th>CFM</th> <th>NECK SIZE</th> <th>RUN-OUT SIZE</th> </tr> </thead> <tbody> <tr><td>0 - 100</td><td>6"x6"</td><td>6"</td></tr> <tr><td>101 - 200</td><td>9"x9"</td><td>8"</td></tr> <tr><td>201 - 300</td><td>12"x12"</td><td>10"</td></tr> <tr><td>301 - 500</td><td>15"x15"</td><td>12"</td></tr> <tr><td>501 - 750</td><td>18"x18"</td><td>15"</td></tr> <tr><td>751 - 1000</td><td>21"x21"</td><td>18"</td></tr> </tbody> </table>	CFM	NECK SIZE	RUN-OUT SIZE	0 - 100	6"x6"	6"	101 - 200	9"x9"	8"	201 - 300	12"x12"	10"	301 - 500	15"x15"	12"	501 - 750	18"x18"	15"	751 - 1000	21"x21"	18"	TITUS TDCA-AA
CFM	NECK SIZE	RUN-OUT SIZE																							
0 - 100	6"x6"	6"																							
101 - 200	9"x9"	8"																							
201 - 300	12"x12"	10"																							
301 - 500	15"x15"	12"																							
501 - 750	18"x18"	15"																							
751 - 1000	21"x21"	18"																							
"R", "E", "T"		CEILING MOUNTED RETURN (R), EXHAUST (E), OR TRANSFER (T) EGGRATE GRILLE. ALL GRILLES IN A LAY-IN CEILING TO HAVE A 24X24 CEILING PANEL.	CFM SHOWN ON PLANS. NECK SIZED PER THE FOLLOWING: <table border="1"> <thead> <tr> <th>CFM</th> <th>NECK SIZE</th> </tr> </thead> <tbody> <tr><td>0 - 100</td><td>6x6</td></tr> <tr><td>101 - 200</td><td>8x8</td></tr> <tr><td>201 - 350</td><td>10x10</td></tr> <tr><td>351 - 500</td><td>12x12</td></tr> <tr><td>501 - 750</td><td>14x14</td></tr> <tr><td>751 - 950</td><td>16x16</td></tr> <tr><td>951 - 1200</td><td>18x18</td></tr> <tr><td>1201 - 1500</td><td>20x20</td></tr> <tr><td>1501 - 2000</td><td>24x24</td></tr> </tbody> </table>	CFM	NECK SIZE	0 - 100	6x6	101 - 200	8x8	201 - 350	10x10	351 - 500	12x12	501 - 750	14x14	751 - 950	16x16	951 - 1200	18x18	1201 - 1500	20x20	1501 - 2000	24x24	TITUS 50F	
CFM	NECK SIZE																								
0 - 100	6x6																								
101 - 200	8x8																								
201 - 350	10x10																								
351 - 500	12x12																								
501 - 750	14x14																								
751 - 950	16x16																								
951 - 1200	18x18																								
1201 - 1500	20x20																								
1501 - 2000	24x24																								
SR		SIDEWALL SUPPLY REGISTER.	SIZE (WxH) IN INCHES & CFM SHOWN.	TITUS 272FL																					
WRG / WTG		WALL RETURN GRILLE / WALL TRANSFER GRILLE.	SIZE (WxH) IN INCHES & CFM SHOWN.	TITUS 350FL																					

NOTES:

- SEE SPECIFICATIONS FOR FINISH AND CONSTRUCTION MATERIAL FOR EACH AIR DEVICE.
- COORDINATE WITH ARCHITECT'S CEILING PLAN FOR LAY-IN OR SURFACE MOUNTING OF CEILING MOUNTED AIR DEVICES.
- COORDINATE LOCATIONS OF CEILING MOUNTED AIR DEVICES WITH LIGHT FIXTURES, SPRINKLER HEADS, AND OTHER CEILING MOUNTED DEVICES. DO NOT SCALE MECHANICAL DRAWINGS FOR LOCATIONS.

DRAWN
TPB

CHECKED
JWS

SCALE
AS NOTED

DATE
2/28/24

FILE

JOB NO.
22-06

REVISIONS



INDOOR HEAT PUMP UNIT SCHEDULE

AIR HANDLER UNIT TYPE:

- SPLIT SYSTEM AC UNIT. HORIZONTAL INDOOR AIR HANDLER WITH DX COIL, SUPPLY FAN, & MATCHING OUTDOOR UNIT.

NOTES:

- COOLING CAPACITY IS NET CAPACITY @ 95°F AMBIENT.
- UL LISTED. AHRI CERTIFIED.
- SEE PLANS FOR AIRFLOW CONFIGURATION.

ACCESSORIES:

- SINGLE POINT POWER CONNECTION.
- 2" THICK MERV 8 FILTERS.
- INTERNALLY ISOLATED SUPPLY FAN - UNITS ≤ 5T, DIRECT DRIVE; UNITS > 5T, BELT DRIVE.
- DX COOLING COIL - MATCHED TO OUTDOOR HEAT PUMP.
- ELECTRIC HEAT.
- DISCONNECT SWITCH.
- PROGRAMMABLE THERMOSTAT - 24/7
- STAINLESS STEEL DRAIN PAN.
- MODULATING HOT GAS REHEAT.

MARK	TYPE	SUPPLY FAN			MINIMUM OUTSIDE AIR	MAX OUTSIDE AIR	DX COOLING COIL CAPACITY				DX HEATING CAPACITY			HGRH	ELEC HEAT		ELECTRICAL				ACCESSORIES	BASIS OF DESIGN	
		AIRFLOW	E.S.P.	MOTOR			TOTAL	SENSIBLE	EAT (DB/WB)	NOMINAL TONS	TOTAL	EAT (DB)	AMBIENT (DB)		KW	STAGES	VOLTAGE	PH	HZ	MCA			MOCP
IHP-1	1	2560	0.5"	3 HP	100	500 CFM	126.2	63.5	76.5 / 69.5	10	83.7	62.2	22	52	26.3	3	208	3	60	100	100	1,2,3,4,6,7,8,9	AAON

OUTDOOR HEAT PUMP SCHEDULE

TYPE:

- OUTDOOR HEAT PUMP

ACCESSORIES:

- PHASE PROTECTION.
- MICROPROCESSOR CONTROLS.
- ISOLATION VALVES.
- LIQUID LINE REFRIGERANT FILTER DRIER.
- ANTI SHORT CYCLE TIMER.
- LOW AMBIENT CONTROL DOWN TO 0°F
- HAIL / VANDAL GUARDS.
- THERMAL EXPANSION VALVE.

NOTES:

- CAPACITY TO BALANCE INDOOR AC UNIT.
- COOLING CAPACITY RATED AT 95°F.
- HEATING CAPACITY RATED AT 47°F.
- REFRIGERANT CIRCUIT ACCESS PORTS LOCATED OUTDOORS SHALL BE FITTED WITH LOCKING TYPE TAMPER-RESISTANT CAPS. ANY ACCESS DEVICE REQUIRED SHALL BE LEFT ON SITE WITH THE OWNER AT PROJECT...

MARK	TYPE	COOLING CAPACITY	HEATING CAPACITY	ELECTRICAL					EFFICIENCY		BASIS OF DESIGN
				VOLTAGE	PH	HZ	MCA	MOCP	SEER/EER	HSPF/COP	
OHP-1	1	126.2	83.7	208	3	60	53	70	10.1 EER	2.5 COP	AAON

FAN SCHEDULE

FAN TYPE:

- CEILING MOUNTED EXHAUST FAN

FAN ACCESSORIES:

- BACKDRAFT DAMPER.
- DISCONNECT SWITCH.
- ALUMINUM CEILING GRILLE.
- 5A-120V FAN SPEED CONTROLLER.
- INTERLOCK WITH LIGHT SWITCH.

MARK	FAN TYPE	AIRFLOW (CFM)	E.S.P. (in-wg)	WHEEL SIZE	RPM	MOTOR (HP / W)	ELECTRICAL			ACCESSORIES	BASIS OF DESIGN	
							V	PH	HZ		MANUFACTURER	MODEL
CEF-1	1	70	0.50	NA	909	35.4 W	120 V	1	60	1,2,3,4,5	Loren Cook Company	GC
CEF-2	1	70	0.50	NA	909	35.4 W	120 V	1	60	1,2,3,4,5	Loren Cook Company	GC
CEF-3	1	50	0.50	NA	836	29.4 W	120 V	1	60	1,2,3,4,5	Loren Cook Company	GC
CEF-4	1	70	0.50	NA	909	35.4 W	120 V	1	60	1,2,3,4,5	Loren Cook Company	GC
CEF-5	1	140	0.50	NA	1100	68.2 W	120 V	1	60	1,2,3,4,5	Loren Cook Company	GC
CEF-6	1	140	0.50	NA	1100	68.2 W	120 V	1	60	1,2,3,4,5	Loren Cook Company	GC

INDOOR AIR HANDLING UNIT SCHEDULE - GAS FURNACE

AIR HANDLER UNIT TYPE:

- SPLIT SYSTEM AC UNIT. INDOOR AIR HANDLER WITH DX COIL, AUXILIARY GAS HEATER, SUPPLY FAN, & MATCHING OUTDOOR UNIT.

NOTES:

- COOLING CAPACITY IS NET CAPACITY @ 95°F AMBIENT.
- UL LISTED. AHRI CERTIFIED.
- SEE PLANS FOR AIRFLOW CONFIGURATION.
- FURNACES SHALL BE SIZED AND SELECTED USING LP GAS. ORIFICES SHALL BE CHANGED IN THE FUTURE IF UNITS ARE CONVERTED TO NATURAL GAS.

ACCESSORIES:

- SINGLE POINT POWER CONNECTION.
- 1" THICK FILTERS, 30% EFFICIENT
- INTERNALLY ISOLATED SUPPLY FAN - BELT DRIVE.
- DX COOLING COIL - MATCHED TO OUTDOOR HEAT PUMP.
- CONCENTRIC VENT KIT.

MARK	SUPPLY FAN			MAX OUTSIDE AIR	DX COOLING COIL CAPACITY				GAS HEAT			ELECTRICAL					SEER	BASIS OF DESIGN	
	AIRFLOW	E.S.P.	MOTOR HP		TOTAL	SENSIBLE	EAT (DB/WB °F)	NOMINAL TONS	MBH INPUT	MBH OUTPUT	STAGES	AFUE	VOLTAGE	PH	HZ	MCA			MOCP
AC-2	1150	0.5"	3/4 HP	50 CFM	34.3	24.9	77 / 65	3	60	58.2	1	96	115	1	60	10.3	15	15	Trane
AC-3	1110	0.5"	3/4 HP	80 CFM	34.3	24.9	77 / 65	3	60	58.2	1	96	115	1	60	10.3	15	15	Trane
AC-4	1150	0.5"	3/4 HP	150 CFM	34.3	24.9	77 / 65	3	60	58.2	1	96	115	1	60	10.3	15	15	Trane
AC-5	1080	0.5"	3/4 HP	100 CFM	34.3	24.9	77 / 65	3	60	58.2	1	96	115	1	60	10.3	15	15	Trane
AC-6	1580	0.5"	1 HP	190 CFM	46.5	35.5	77 / 65	4	80	77.6	1	96	115	1	60	14.1	15	14.5	Trane

CONDENSING UNIT SCHEDULE

TYPE: AIR COOLED CONDENSING UNIT.

NOTES:

- CAPACITY TO BALANCE RESPECTIVE INDOOR AC UNIT.
- CAPACITY BASED ON 95 degF AMBIENT.
- UL LISTED, AHRI CERTIFIED, ASHRAE 90.1-2007 COMPLIANT.
- REFRIGERANT CIRCUIT ACCESS PORTS LOCATED OUTDOORS SHALL BE FITTED WITH LOCKING-TYPE TAMPER-RESISTANT CAPS. ANY ACCESS DEVICE REQUIRED SHALL BE LEFT ON SITE WITH THE OWNER AT PROJECT CLOSE OUT.

ACCESSORIES:

- PHASE PROTECTION.
- MICROPROCESSOR CONTROLS.
- ISOLATION VALVES.
- LIQUID LINE REFRIGERANT FILTER DRIER.
- ANTI SHORT CYCLE TIMER.
- LOW AMBIENT CONTROL DOWN TO 0 degF.
- HAIL / VANDAL GUARDS.
- THERMAL EXPANSION VALVE.
- HOT GAS BYPASS WITH RAWAL DEVICE AT CONDENSING UNIT.

MARK	NOMINAL CAPACITY	Voltage	ELECTRICAL				BASIS OF DESIGN
			PH	HZ	MCA	MOCP	
CU-5	3	208 V	3	60 Hz	12 A	20 A	Trane
CU-6	4	208 V	3	60 Hz	18 A	30 A	Trane
CU-2	3	208 V	3	60 Hz	12 A	20 A	Trane
CU-3	3	208 V	3	60 Hz	12 A	20 A	Trane
CU-4	3	208 V	3	60 Hz	12 A	20 A	Trane

INDOOR HEAT PUMP (MINI-SPLIT SYSTEM) SCHEDULE

TYPE:

- INDOOR, WALL MOUNT
- INDOOR, CEILING CASSETTE

NOTES:

- AIRFLOW RATED AT HIGH FAN SPEED.
- POWER FOR INDOOR UNIT IS FED FROM OUTDOOR UNIT.
- COOLING CAPACITY RATED AT 95°F.
- HEATING CAPACITY RATED AT 47°F.

ACCESSORIES:

- 3-POLE DISCONNECT SWITCH.
- HARD WIRED UNIT CONTROLLER.
- FULL PORT BALL VALVES & SCHRADER VALVES WITH FLARED CONNECTIONS.
- CONDENSATE PUMP (120/1/60) - 1 GPH @ 33 FT. HD.

MARK	TYPE	AIRFLOW	COOLING CAPACITY	HEATING CAPACITY	DIMENSIONS (WxLxH)	ELECTRICAL				ACCESSORIES	BASIS OF DESIGN
						V	PH	HZ	MCA		
IHP-7	1	700	24 MBH	26 MBH	46x12x14	208	1	60	1	1,2,3,4	TRANE

CEILING HEATER SCHEDULE

HEATER TYPE:

- ELECTRIC CEILING HEATER.
- BASIS OF DESIGN: MARKEL 3470

ACCESSORIES:

- SURFACE MOUNTING.
- WALL MOUNTED THERMOSTAT.
- DISCONNECT SWITCH.
- HIGH LIMIT CONTROLS.
- RADIAL DIFFUSER.

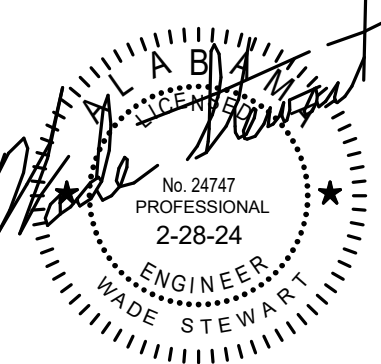
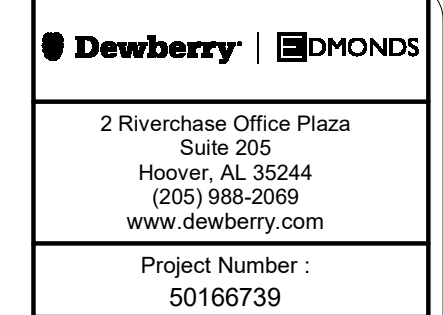
MARK	SIZE	ELECTRICAL			ACCESSORIES
		VOLTAGE	PH	HZ	
ECH-1	2 KW	208	1	60	1,2,3,4,5

AIR PURIFICATION SCHEDULE

FLOW	GPS MODEL	GPS QUANTITY	MINIMUM NEEDLE SPACING	VOLTAGE	MOUNTING LOCATION	MINIMUM ION DENSITY (IONS/CC)
CV	GPS-FC	1 PER UNIT	1 EVERY 3/4"	24 V	UNIT SERVED	40 MILLION PER 0.75"

- BASIS OF DESIGN: GLOBAL PLASMA SOLUTIONS: APPROVED EQUALS BY PHENOMENAL AIRE, ACTIVE AIR, AIRGENICS AND BIOXGEN SUBJECT TO SPECIFICATION COMPLIANCE.
- MOUNT GPS-FC TO AIR INLET SIDE OF COOLING COIL.
- IF CONTRACTOR SUBSTITUTES BASIS OF DESIGN WITH ANOTHER MANUFACTURER, CONTRACTOR SHALL COORDINATE ALL ELECTRICAL AND MECHANICAL CHANGES.
- BI-POLAR IONIZATION SYSTEMS REQUIRING PERISHABLE GLASS TUBES ARE NOT ACCEPTABLE.
- ALL MANUFACTURER'S MUST PASS UL-967-2007 OZONE CHAMBER TESTING BY EITHER US OR ETL.
- PROVIDE STAND ALONE ION DETECTOR TO COMMUNICATE WITH THE BAS. SYSTEMS WITHOUT ION DETECTORS SHALL NOT BE ACCEPTABLE.
- IONIZATION BAR TO HAVE A MINIMUM OF 1 NEEDLEPOINT EVERY 0.75" OF COIL WIDTH. SYSTEMS WITH NEEDLES FURTHER APART SHALL NOT BE ACCEPTABLE.
- IONIZATION SYSTEMS WITH MULTIPLE ION MODULES MOUNTED TO A BAR SHALL NOT BE AN ACCEPTABLE SUBSTITUTE.
- IONIZATION SYSTEMS THAT DO NOT USE EPOXY TO PROTECT THE ION CIRCUITRY SHALL NOT BE ACCEPTABLE.
- IONIZATION OUTPUT SHALL BE A MINIMUM OF 40 MILLION IONS/CC FOR EVERY 0.75" OF COIL WIDTH.

*PROVIDE FOR IHP-1 AND IHP-2

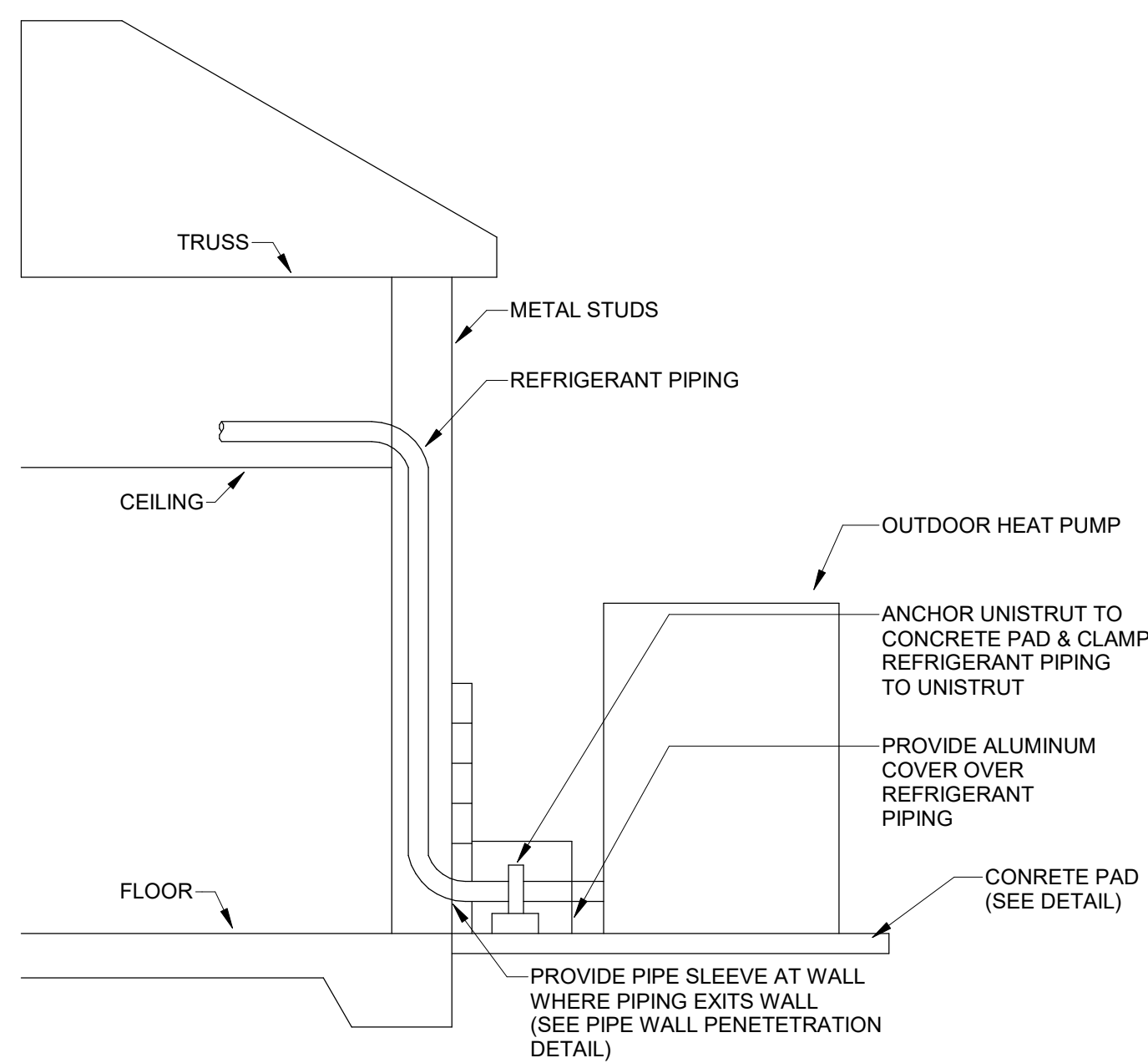


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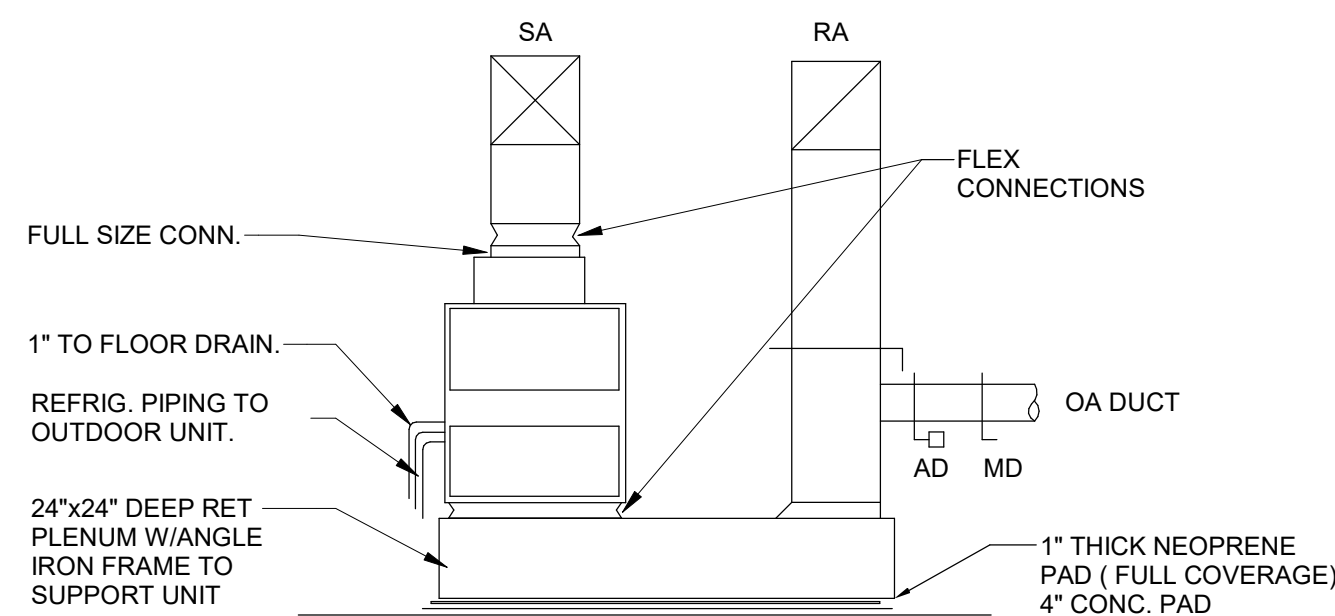
A NEW CITY HALL
 and
MUNICIPAL OFFICE FACILITY
 for the
CITY of CENTRE, LABAMA
 350 E. MAIN STREET

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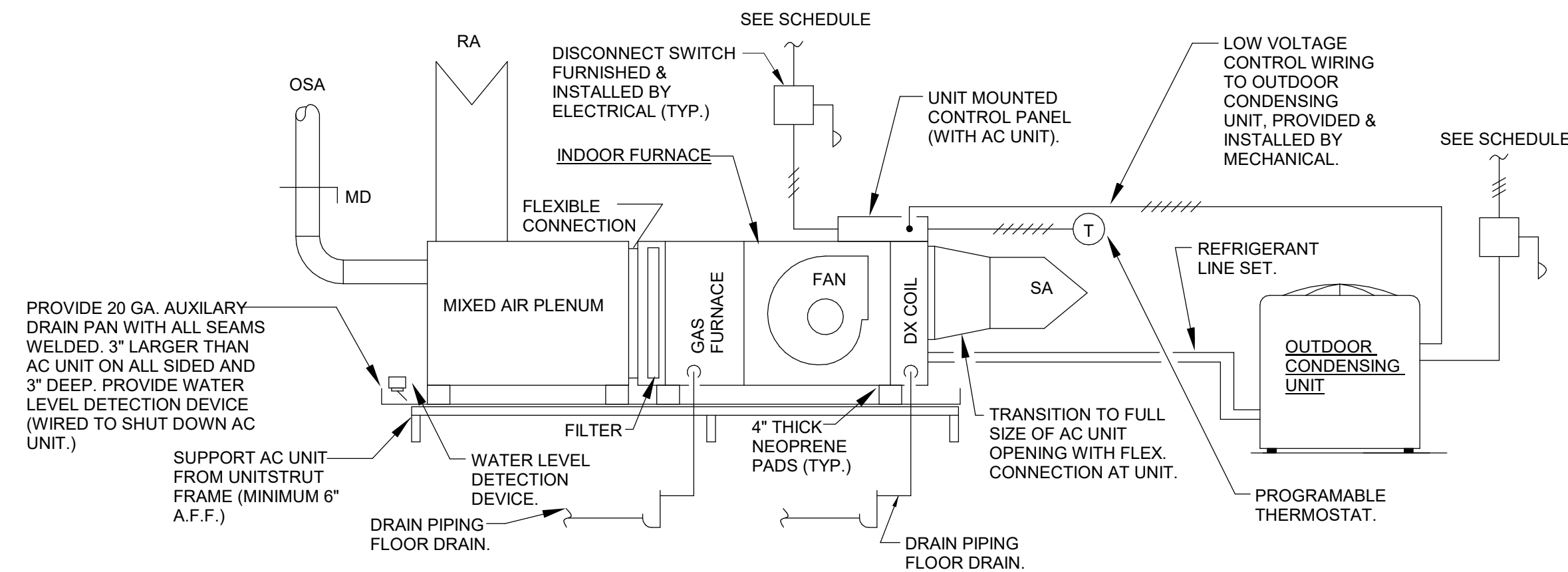




HEAT PUMP INSTALLATION DETAIL
 NO SCALE



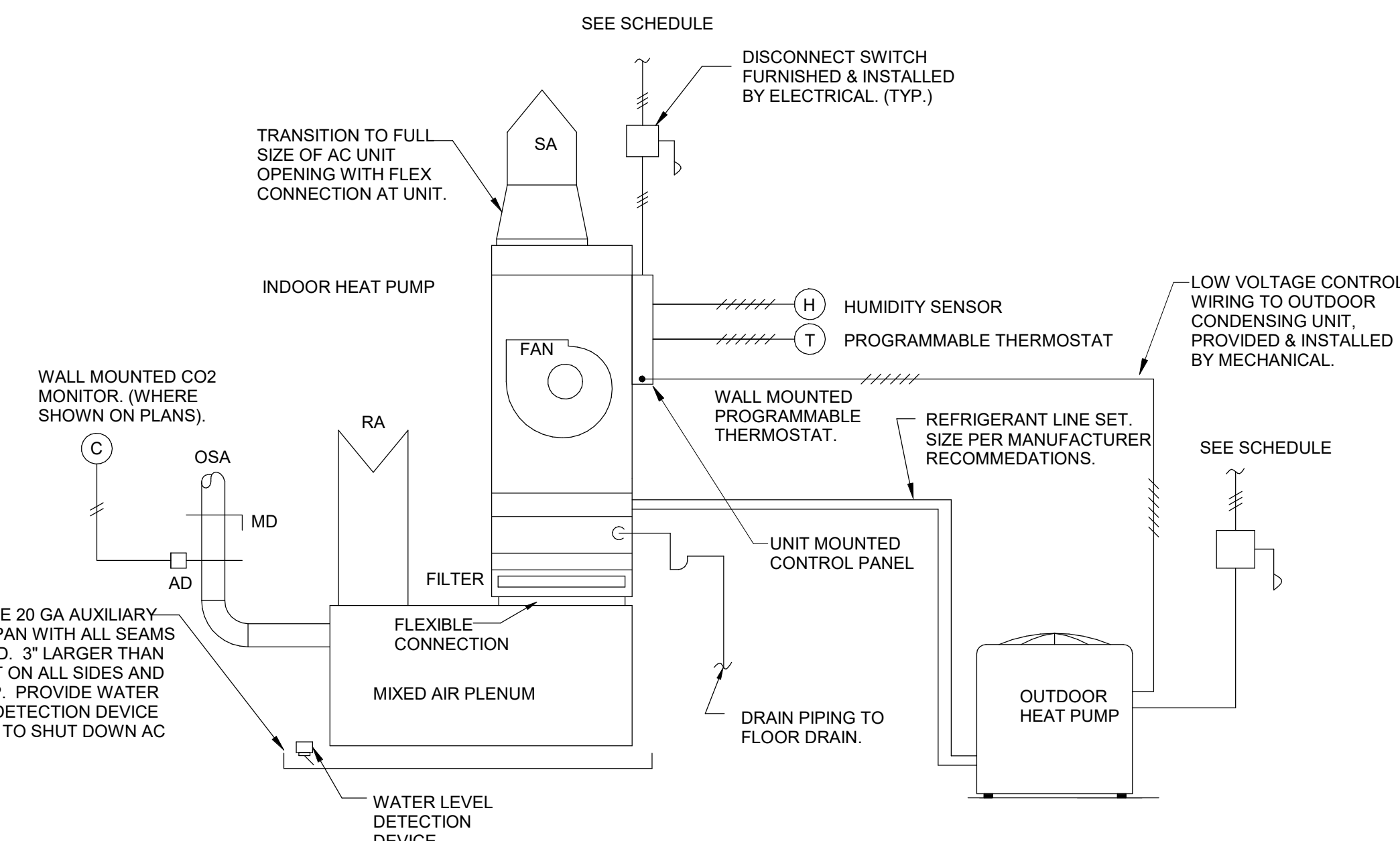
TYPICAL AC-UNIT ELEVATION
 NO SCALE



SPLIT SYSTEM CONTROL SEQUENCE
 EACH AC UNIT SHALL BE STARTED AND STOPPED BY WALL MOUNTED PROGRAMMABLE THERMOSTAT, SUBJECT TO FACTORY SAFETIES.
 WHEN AC UNIT AND CORRESPONDING CONDENSING UNIT IS ENERGIZED, THE AC UNIT SUPPLY FAN SHALL START.

DURING OCCUPIED HOURS, THE THERMOSTAT SHALL ENERGIZE CONDENSING UNIT CONTROLS UPON A RISE IN ROOM TEMPERATURE PROVIDE COOLING BY LOADING AND UNLOADING COMPRESSORS IN STAGES AS NEEDED TO SATISFY SPACE TEMPERATURE SETPOINT (74°F - ADJUSTABLE) DURING SUMMER MONTHS. UPON A DROP IN SPACE TEMPERATURE DURING WINTER MONTHS, THE CONDENSING UNIT SHALL BE OFF AND THE GAS FURNACE SHALL STAGE ON TO MAINTAIN SPACE TEMPERATURE SETPOINT (70°F - ADJUSTABLE). OCCUPIED HOURS TO BE DETERMINED BY THE OWNER. RECOMMENDED OCCUPIED HOURS ARE MONDAY THRU FRIDAY, 7 A.M. TO 6 P.M. PROVIDE NIGHTTIME SETBACK TEMPERATURE THRU PROGRAMMABLE THERMOSTAT TO MAINTAIN 78°F (SUMMER), 66°F (WINTER), AFTER HOURS. UPON ACTIVATION OF NIGHT LOW LIMIT THERMOSTAT UNIT SHALL OPERATE IN OCCUPIED MODE UNTIL SATISFIED.

SPLIT SYSTEM - GAS FURNACE CONTROLS (NO BUILDING AUTOMATION SYSTEM)
 NO SCALE

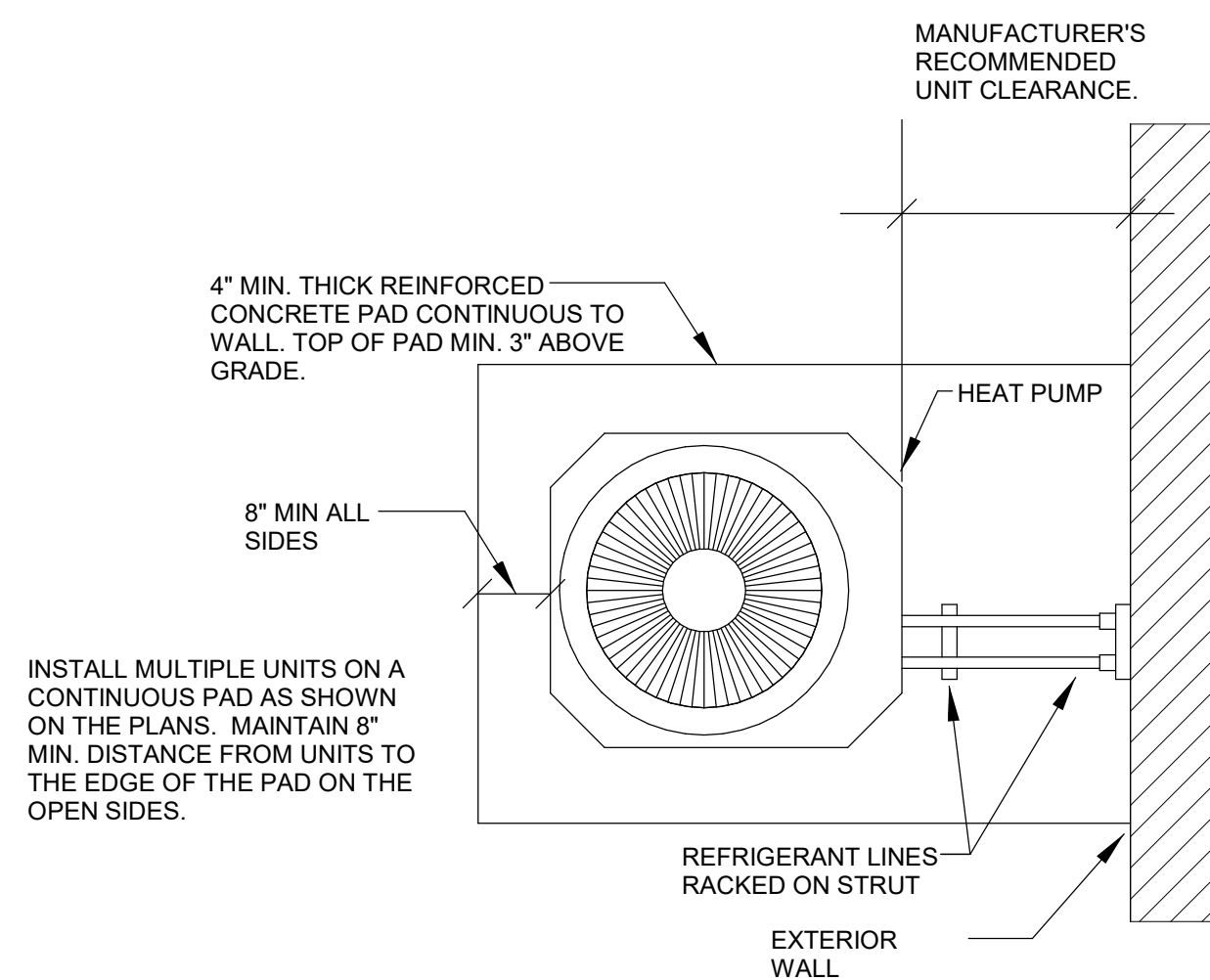


SPLIT SYSTEM CONTROL SEQUENCE
 EACH HEAT PUMP UNIT SHALL BE STARTED AND STOPPED BY WALL MOUNTED PROGRAMMABLE THERMOSTAT, SUBJECT TO FACTORY SAFETIES AND THE DUCT MOUNTED SMOKE DETECTOR (WHERE INDICATED ON PLANS OR SCHEDULE).
 WHEN HEAT PUMP UNIT AND CORRESPONDING OUTDOOR UNIT IS ENERGIZED, THE HEAT PUMP UNIT SUPPLY FAN SHALL START.

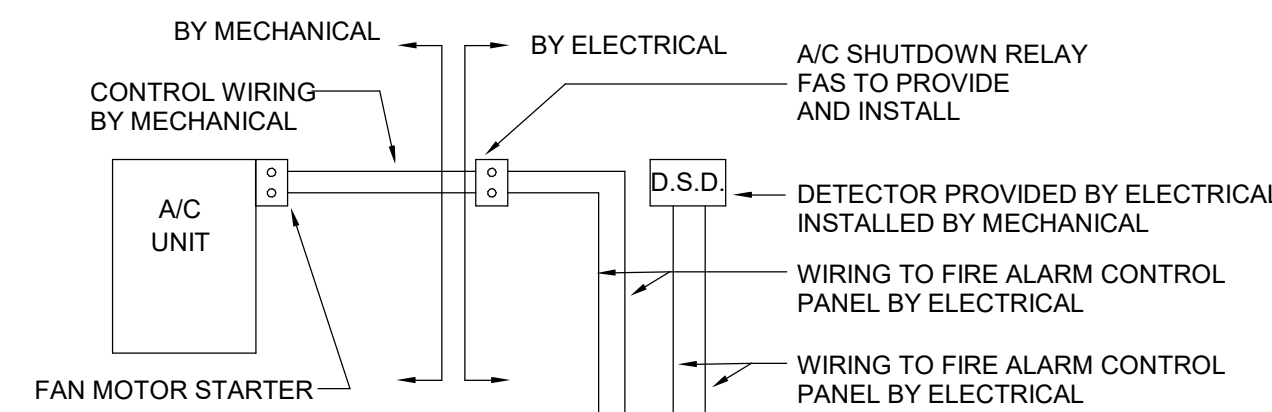
DURING OCCUPIED HOURS, THE THERMOSTAT SHALL ENERGIZE THE OUTDOOR HEAT PUMP CONTROLS UPON A RISE IN ROOM TEMPERATURE PROVIDE COOLING BY LOADING AND UNLOADING COMPRESSORS IN STAGES AS NEEDED TO SATISFY SPACE TEMPERATURE SETPOINT (74°F - ADJUSTABLE) DURING SUMMER MONTHS. UPON A DROP IN SPACE TEMPERATURE DURING WINTER MONTHS, THE OUTDOOR HEAT PUMP SHALL STAGE ON TO MAINTAIN SPACE TEMPERATURE SETPOINT (70°F - ADJUSTABLE). IF THE HEAT PUMP CANNOT SATISFY SPACE TEMP. THE ELECTRIC HEAT SHALL STAGE ON. OCCUPIED HOURS TO BE DETERMINED BY THE OWNER. RECOMMENDED OCCUPIED HOURS ARE MONDAY THRU FRIDAY, 7 A.M. TO 6 P.M.

PROVIDE NIGHTTIME SETBACK TEMPERATURE THRU PROGRAMMABLE THERMOSTAT TO MAINTAIN 78°F (SUMMER), 66°F (WINTER), AFTER HOURS. UPON ACTIVATION OF NIGHT LOW LIMIT THERMOSTAT UNIT SHALL OPERATE IN OCCUPIED MODE UNTIL SATISFIED.
 FOR AC UNITS WITH WALL MOUNTED CO2 MONITOR, AUTO DAMPER TO OPEN WHEN CO2 RISES ABOVE 1000 PPM.
 FOR AC UNITS WITHOUT WALL MOUNTED CO2 MONITOR, AUTO DAMPER TO BE CONTROLLED BY WALL MOUNTED TIME CLOCK (SEE DETAIL).

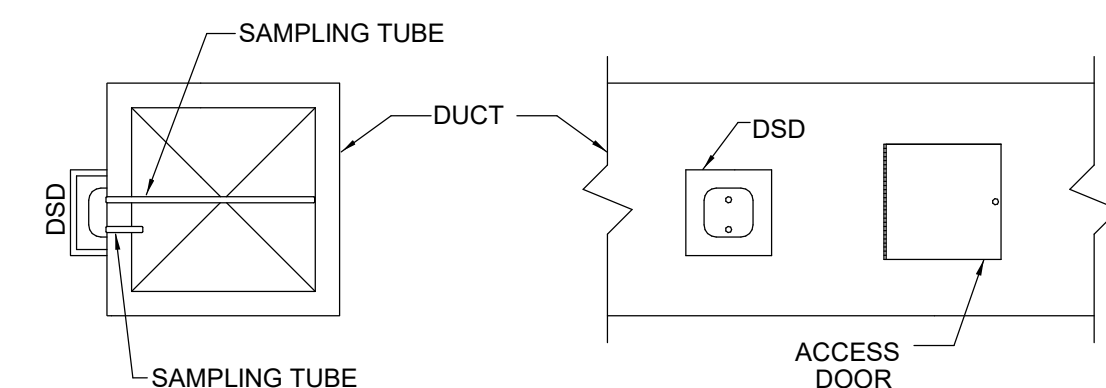
SPLIT SYSTEM CONTROLS (NO BUILDING AUTOMATION SYSTEM)
 NO SCALE



TYP. CONDENSING UNIT INSTALLATION
 NO SCALE

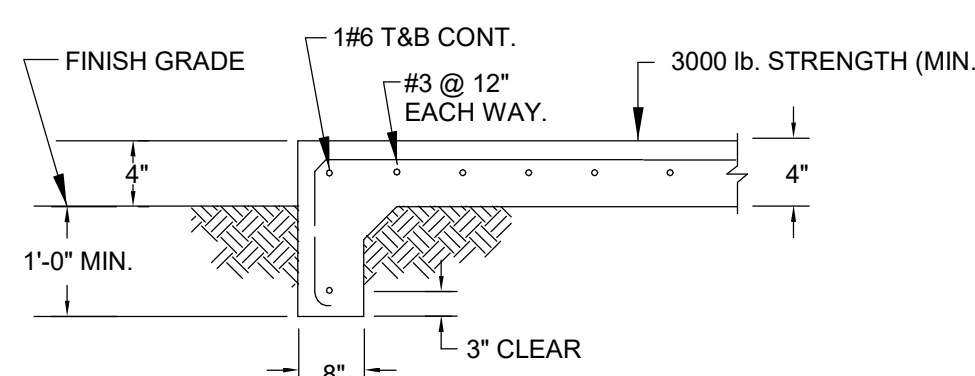


DUCT SMOKE DETECTOR CONNECTION

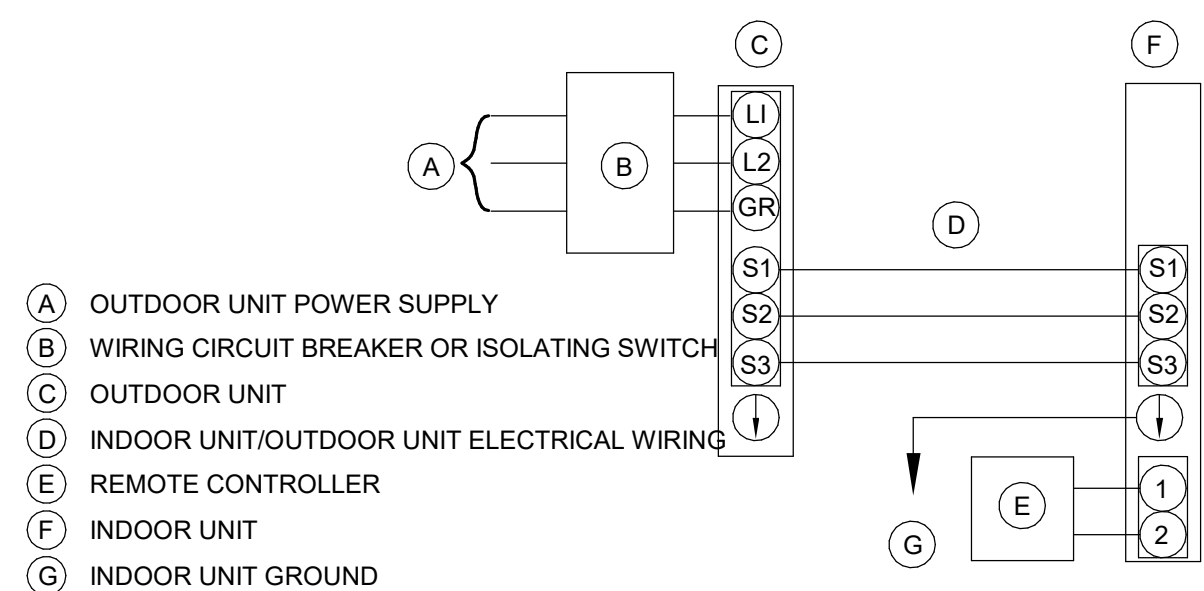


DUCT SMOKE DETECTOR INSTALLATION

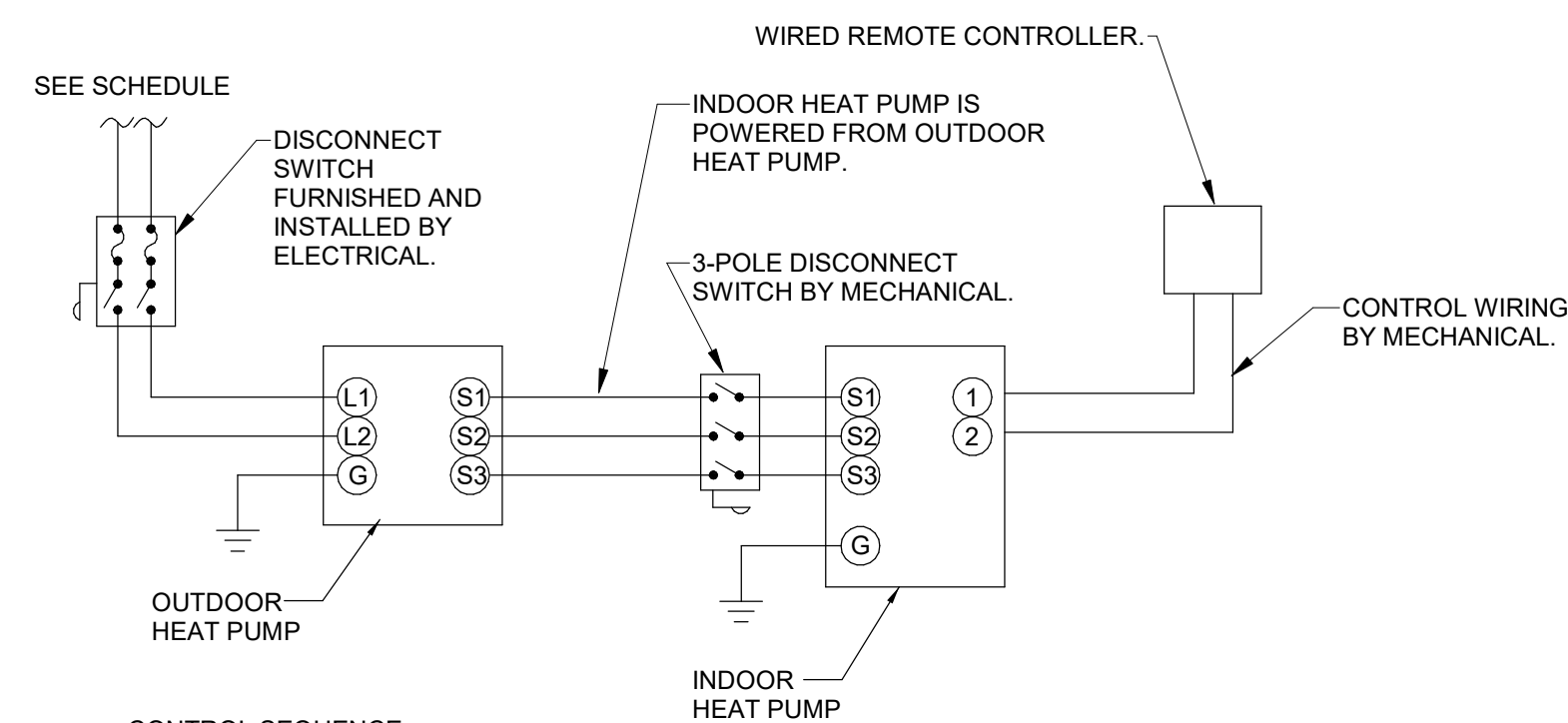
DUCT SMOKE DETECTOR DETAIL
 NO SCALE



CONCRETE PAD DETAIL
 NO SCALE



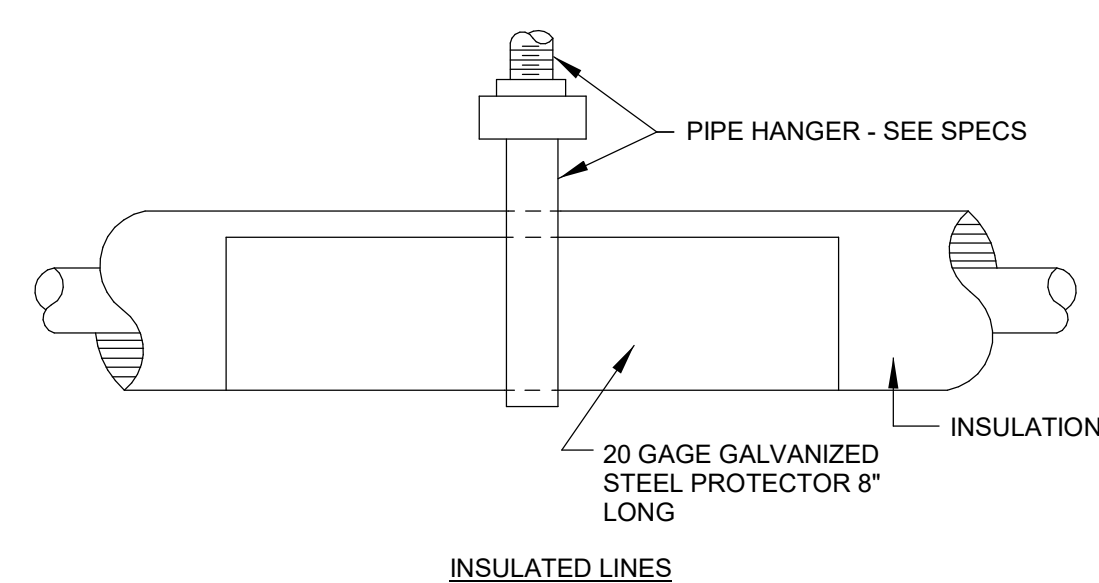
WIRING DETAIL FOR DUCTLESS MINI-SPLIT
 NO SCALE



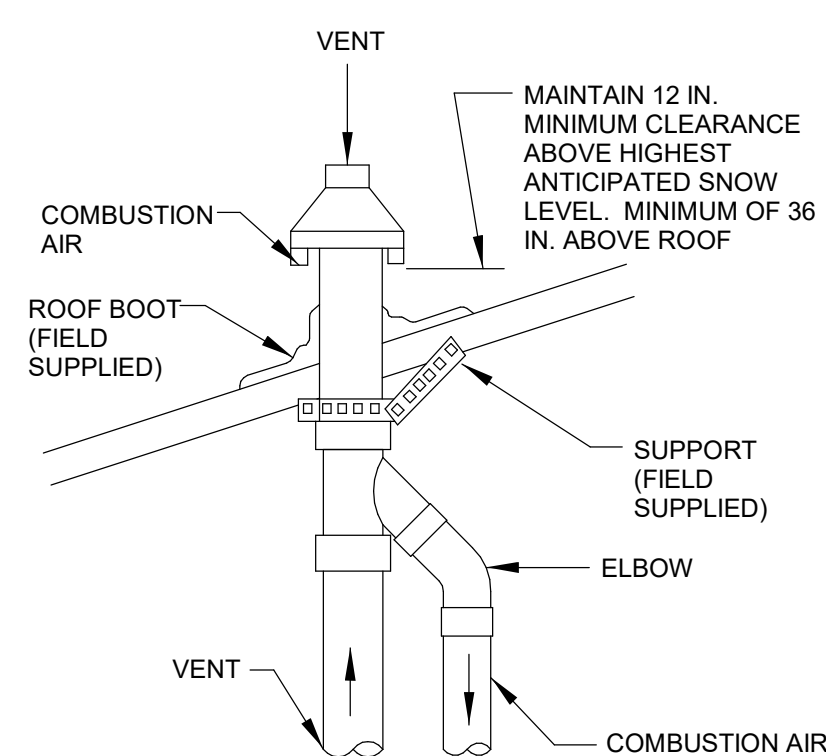
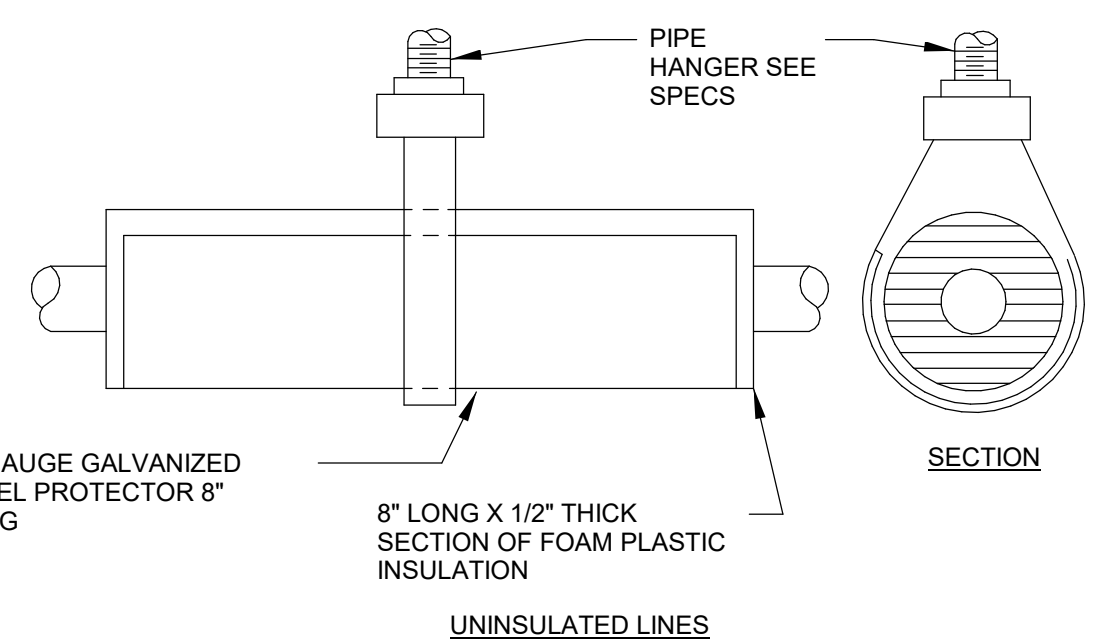
CONTROL SEQUENCE:
 THE AC UNIT SHALL BE CONTROLLED BY A WIRED WALL MOUNTED REMOTE CONTROLLER. THE CONTROLLER SHALL CYCLE ON COMPRESSOR(S) TO MAINTAIN COOLING SETPOINT (74°F - ADJUSTABLE) AND HEATING SETPOINT (70°F - ADJUSTABLE). ALL MINI-SPLIT AC UNITS THAT SERVE ELECTRICAL AND IT ROOMS SHALL NOT SET THEIR TEMPERATURE BACK AT NIGHT. FOR ALL MINI-SPLIT AC UNITS THAT SERVE OFFICES, CLASSROOMS, ETC. SHALL SET THEIR TEMPERATURE BACK TO 4°F ABOVE SETPOINT IN SUMMER AND 4°F BELOW SETPOINT IN THE WINTER. COORDINATE WITH OWNER TO ESTABLISH OCCUPIED / UNOCCUPIED SCHEDULES.

DUCTLESS SPLIT SYSTEM CONTROLS
 NO SCALE

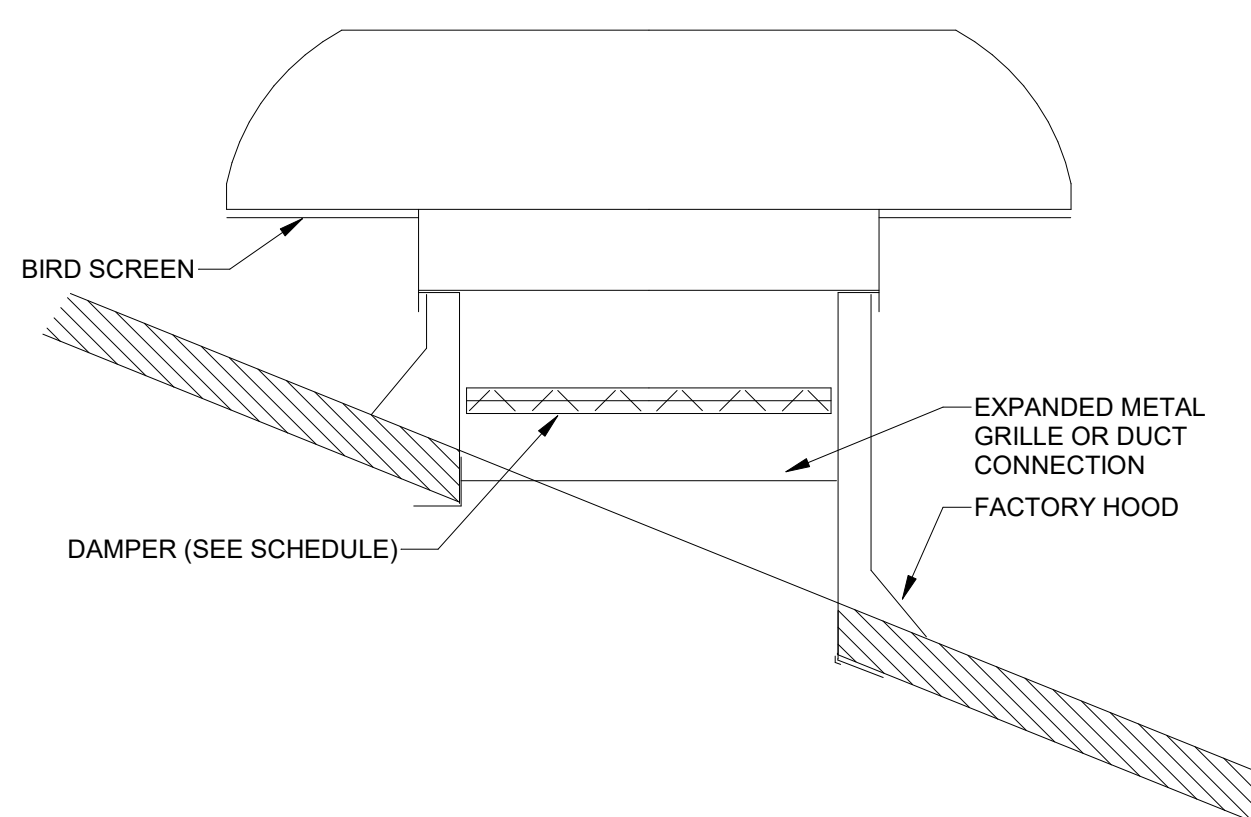
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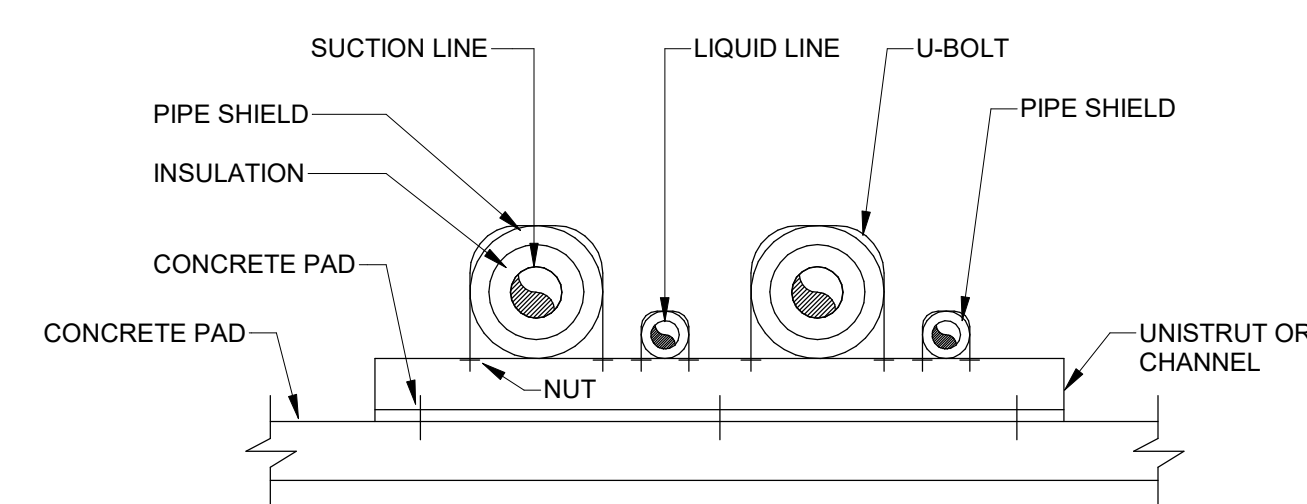
REFRIGERANT PIPING HANGER DETAIL
 NO SCALE



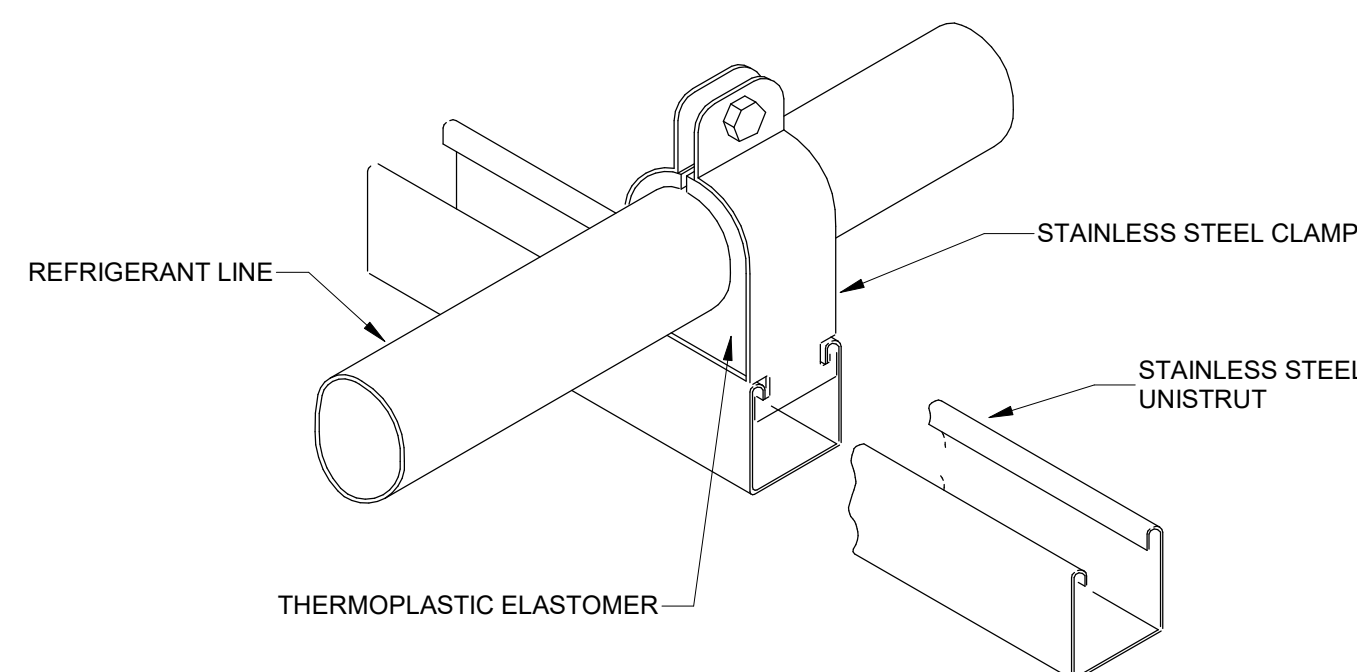
COMBINATION FLUE/INTAKE CAP
 NO SCALE



INTAKE OR RELIEF HOOD DETAIL
 NO SCALE

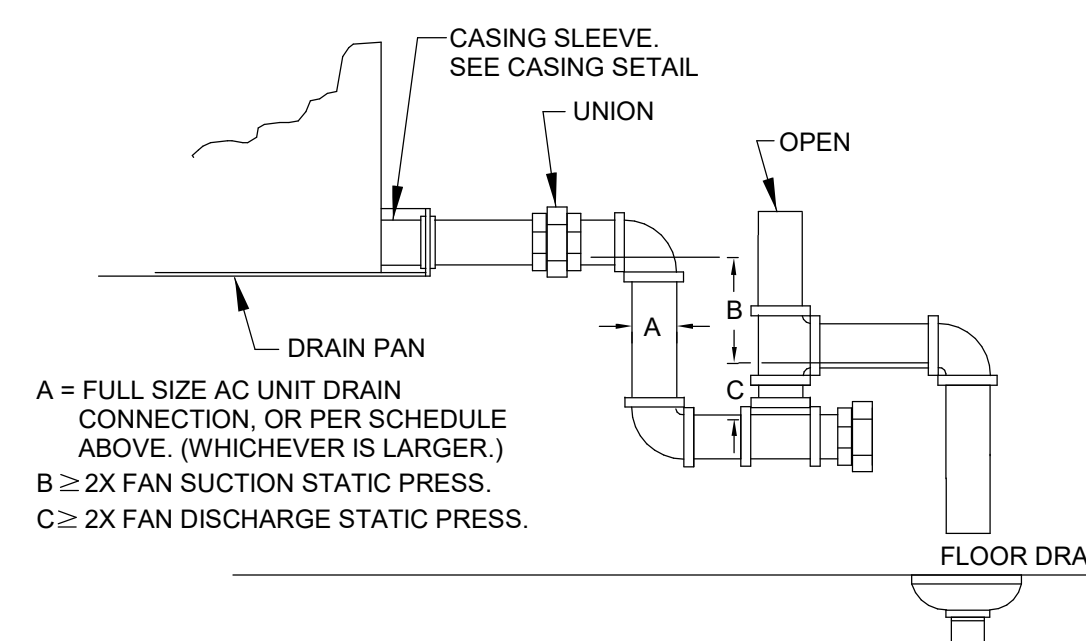


REFRIGERANT PIPE SUPPORT FROM CONCRETE PAD DETAIL
 NO SCALE



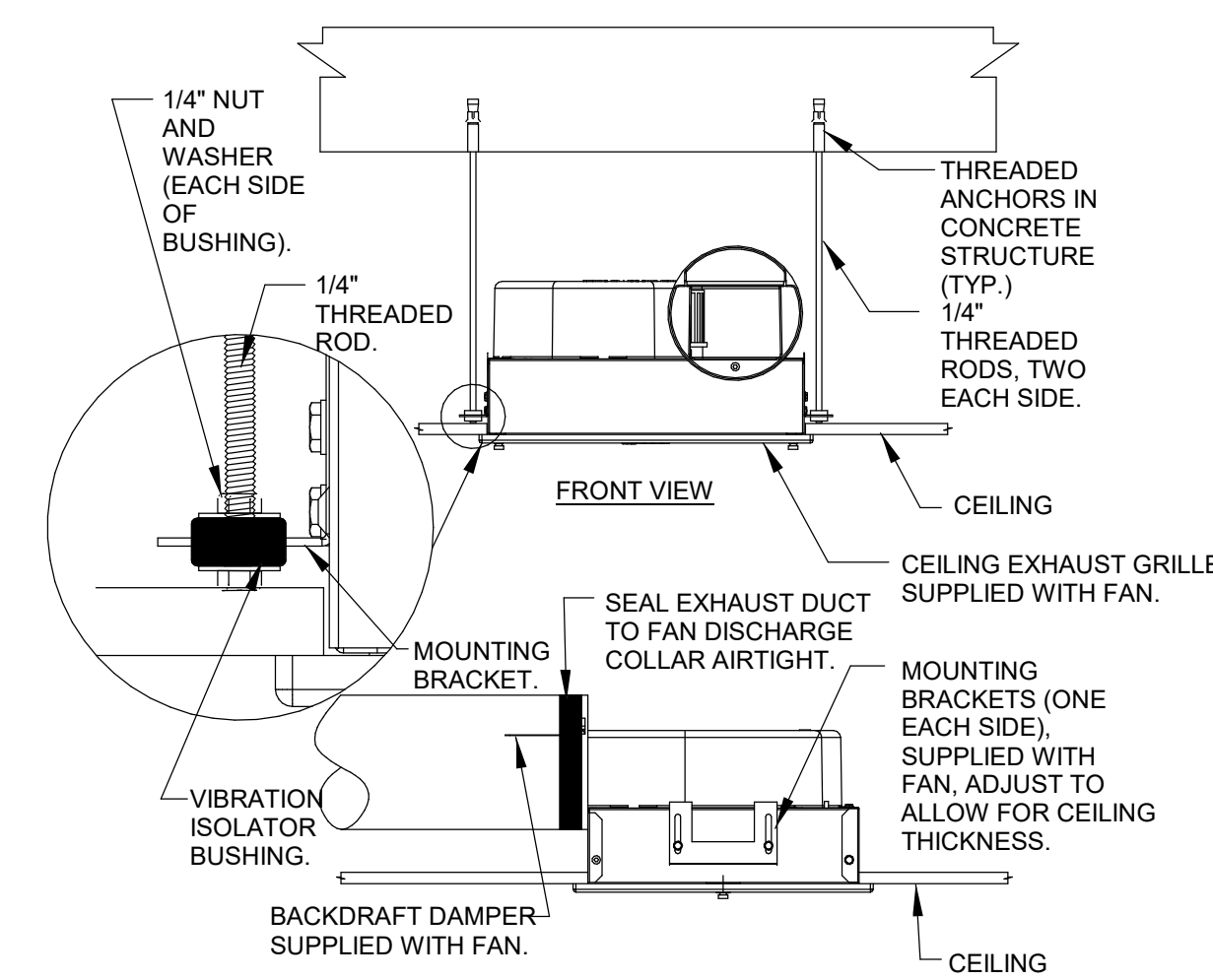
REFRIGERANT LINE SUPPORT DETAIL
 NO SCALE

MINIMUM CONDENSATE PIPE SIZE	
AC TONS	MIN. DRAIN SIZE
0 TO 20	1"
21 TO 40	1-1/4"
41 TO 60	1-1/2"
61 TO 100	2"
101 TO 250	3"
251 & LARGER	4"

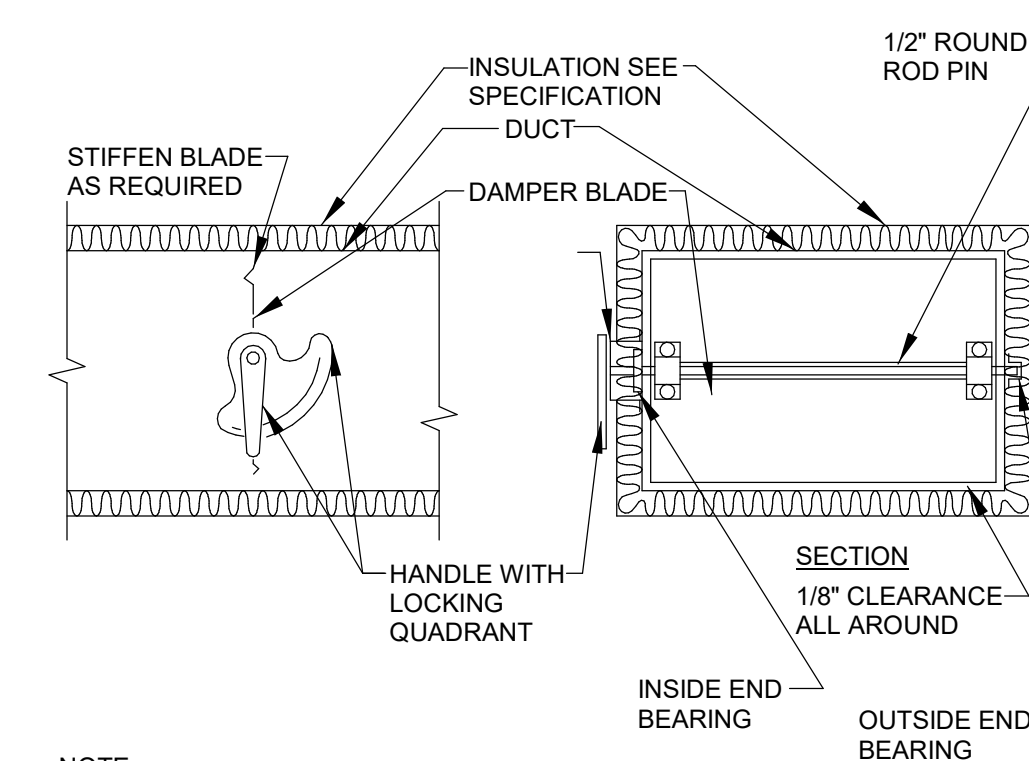


A = FULL SIZE AC UNIT DRAIN CONNECTION, OR PER SCHEDULE ABOVE. (WHICHEVER IS LARGER.)
 B ≥ 2X FAN SUCTION STATIC PRESS.
 C ≥ 2X FAN DISCHARGE STATIC PRESS.

AC UNIT DRAIN TRAP DETAIL
 NO SCALE

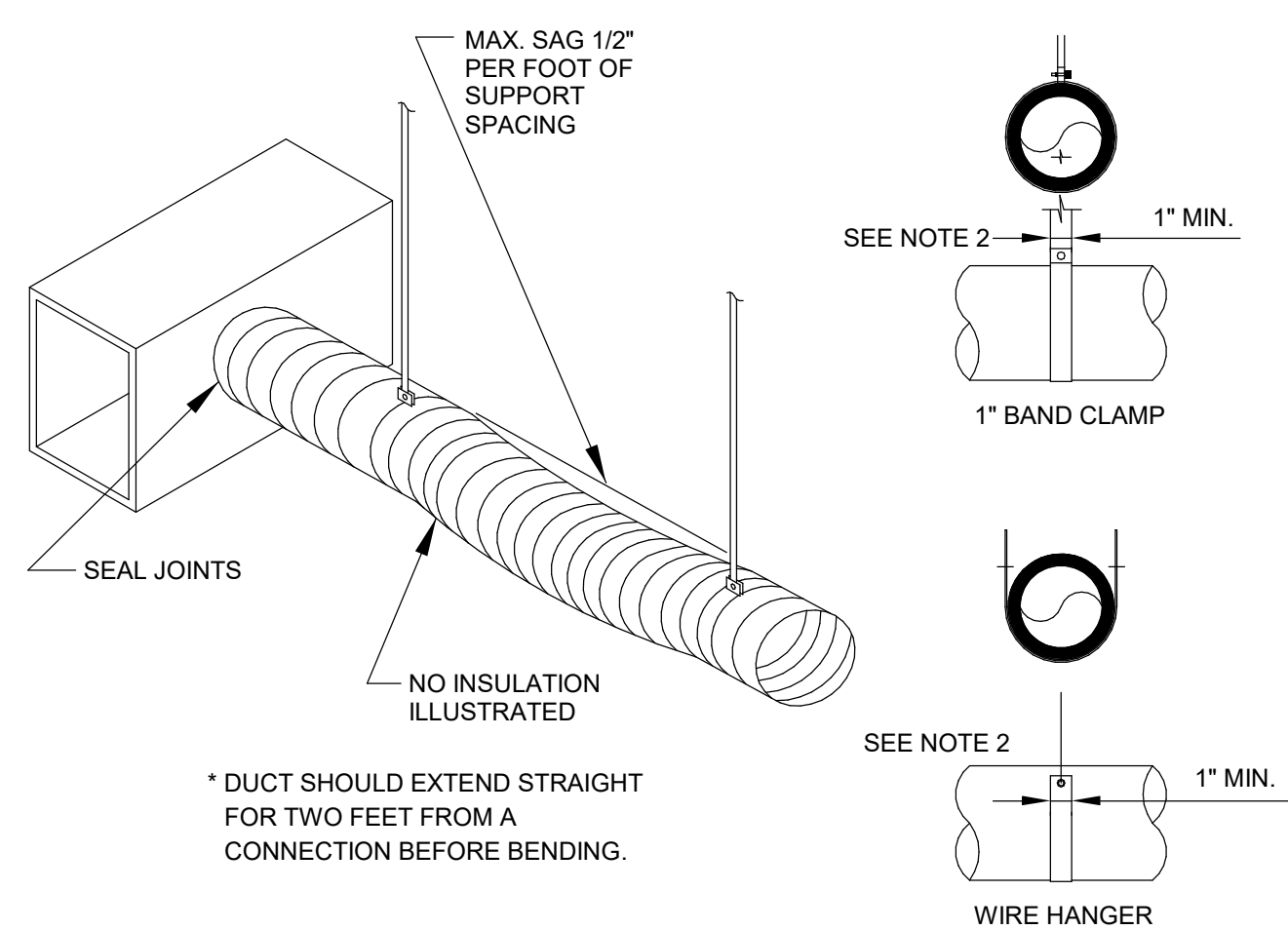


CEILING EXHAUST FAN DETAIL
 NO SCALE



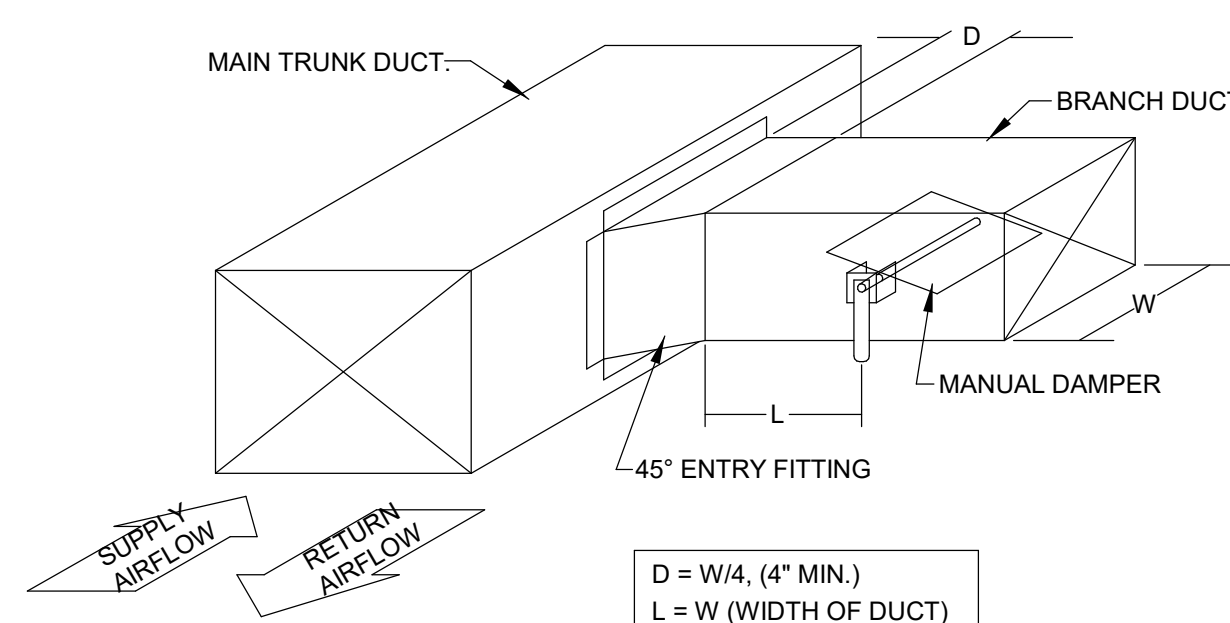
- NOTE:**
- DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.
 - DETAIL SHOWS SINGLE BLADE DAMPER. DAMPER INSTALLATION SHALL BE SIMILAR FOR MULTI-BLADE DAMPERS & ROUND DAMPERS.
 - MANUAL DAMPERS SHALL BE EQUAL TO RUSKIN MD35 (FOR RECTANGULAR DUCTS) AND SHALL BE EQUAL TO RUSKIN MDR25 (FOR ROUND DUCTS).

MANUAL DAMPER DETAIL
 NO SCALE

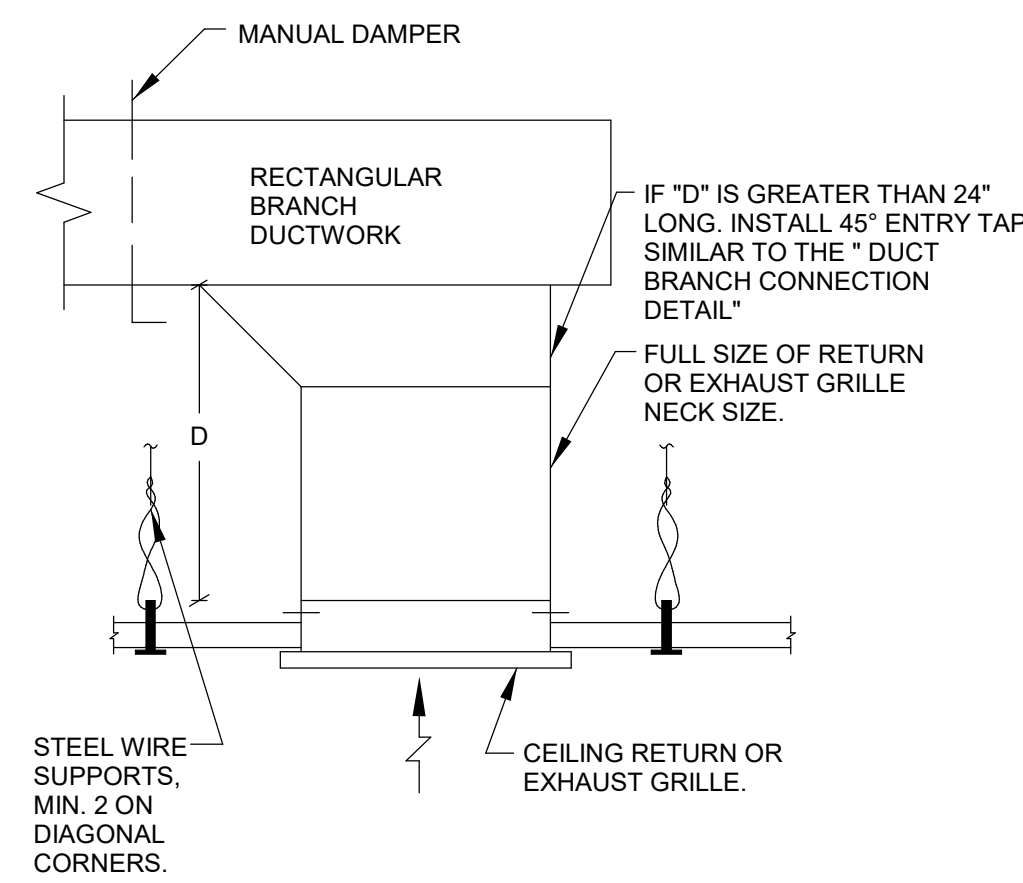


- NOTES:**
- SUPPORT SYSTEM MUST NOT DAMAGE DUCT OR CAUSE OUT OF ROUND SHAPE.
 - DUCTS ARE FLEXIBLE WITH EXTERNAL INSULATION AND VAPOR BARRIER JACKETING.
 - MIN. CENTER LINE BEND LINE RADIUS IS ONE DIA. (OR INSIDE RADIUS OF D2).
 - FLEXIBLE DUCT LENGTH SHALL NOT EXCEED 5 LINEAR FEET.

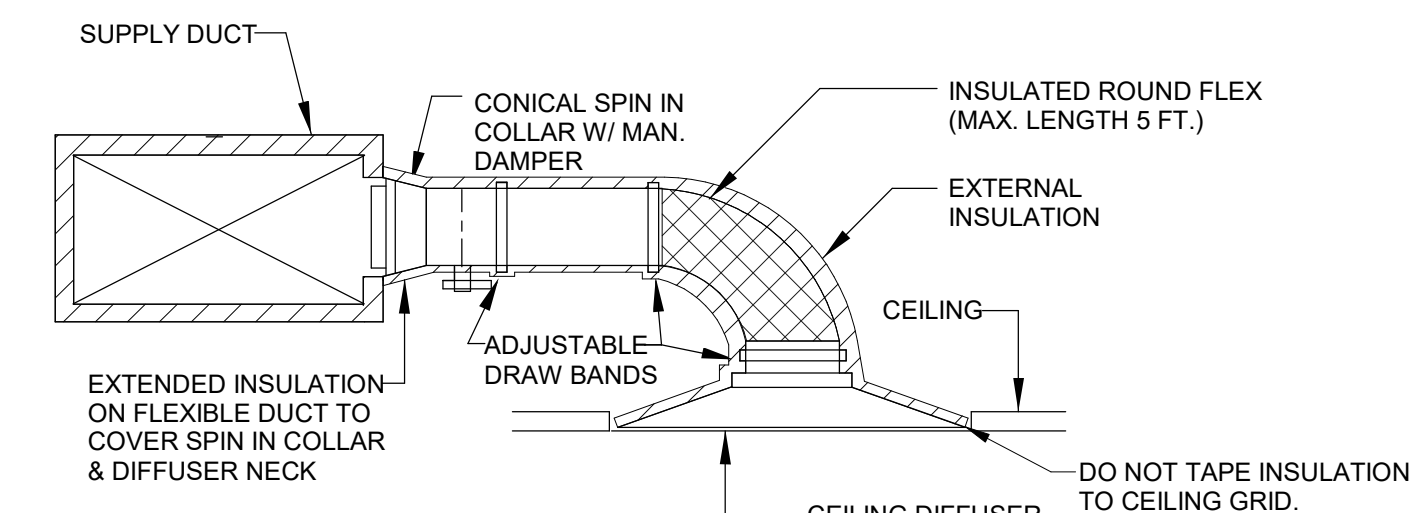
FLEXIBLE DUCT SUPPORT DETAIL
 NO SCALE



DUCT BRANCH CONNECTION
 NO SCALE

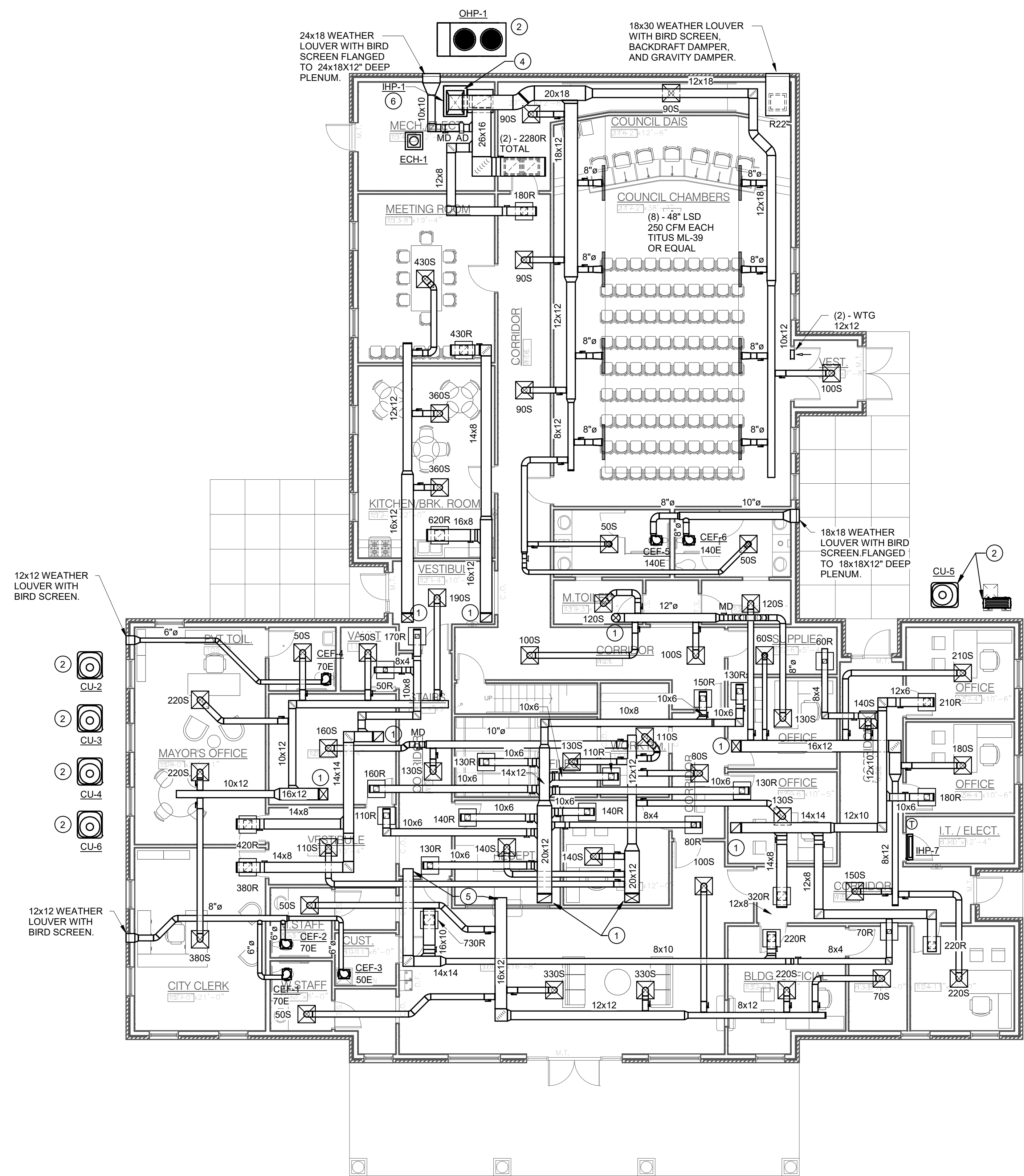


CEILING RETURN/EXHAUST BRANCH CONNECTION DETAIL
 NO SCALE



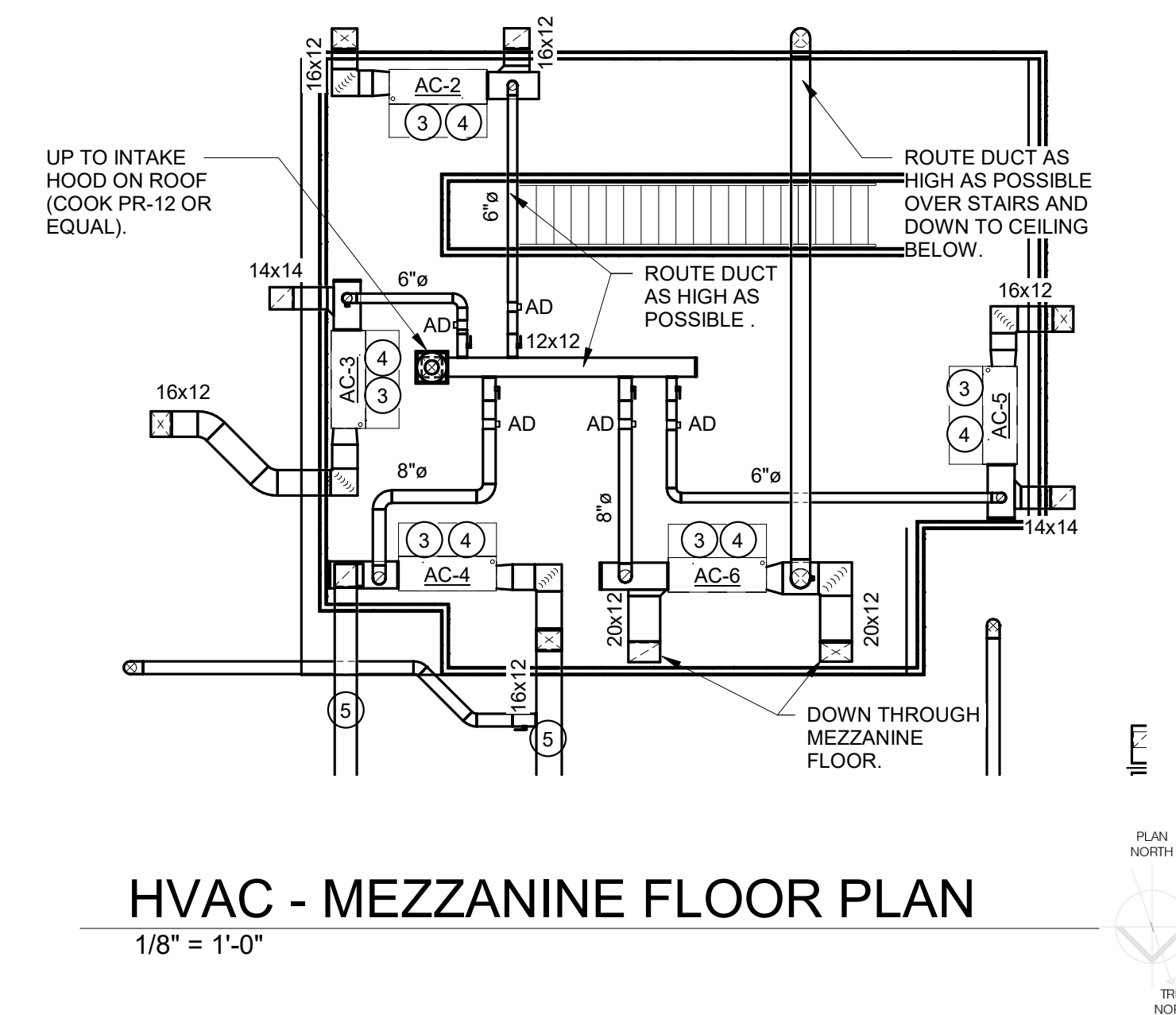
- NOTE:**
- WHEREVER THE SUPPLY DUCT HEIGHT IS INSUFFICIENT TO CONNECT THE SPIN-IN, THE SPIN-IN MAY BE CONNECTED TO THE TOP OR BOTTOM OF THE DUCT. IF THE BRANCH DUCT MUST BE CONNECTED TO THE SIDE OF THE MAIN DUCT, USE A RECTANGULAR BRANCH DUCT CONNECTION OF EQUAL AIR VELOCITY AND TRANSITION TO ROUND DUCT. REFER TO SPECIFICATION FOR MAXIMUM TURNS IN FLEX DUCT.
 - PROVIDE EXTERNAL INSULATION ON ALL ROUND BRANCH DUCTWORK SEE SPECS FOR THICKNESS AND EXTENT.
 - PROVIDE EXTERNAL INSULATION ON BACK SIDE OF CEILING DIFFUSERS. THICKNESS TO MATCH BRANCH DUCT INSULATION THICKNESS.

CEILING DIFFUSER INSTALLATION DETAIL
 NO SCALE



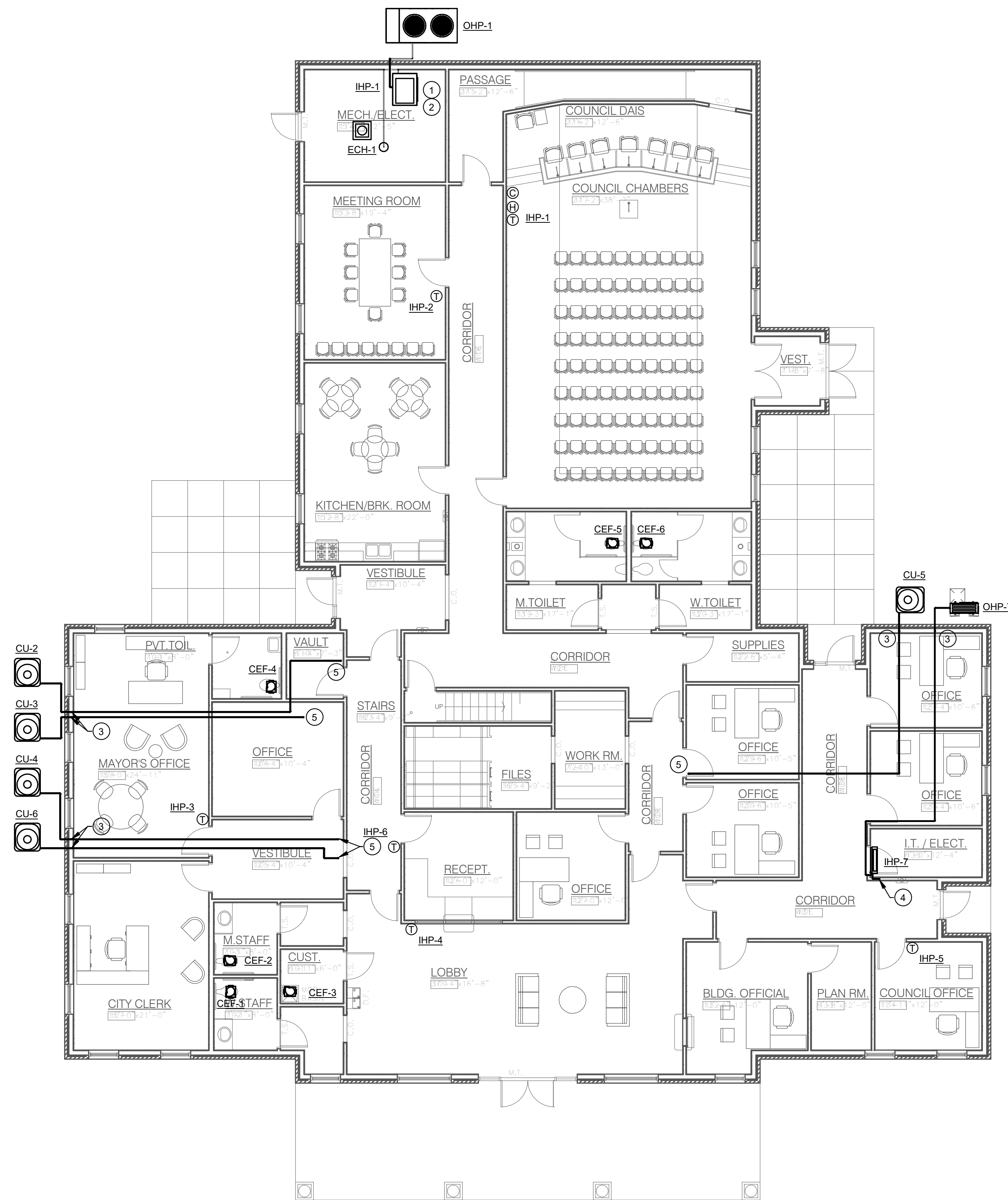
HVAC - FLOOR PLAN
 1/8" = 1'-0"

- KEYED NOTE:**
- UP TO UNIT ON MECHANICAL MEZZANINE
 - INSTALL OUTDOOR CONDENSING UNIT ON NEW 4" CONCRETE PAD IN THIS AREA. INSTALL PER MANUFACTURER'S RECOMMENDATIONS AND PROVIDE RECOMMENDED SERVICE AND OPERATION CLEARANCES.
 - INSTALL UNIT IN THIS LOCATION ON NEOPRENE VIBRATION ISOLATION PADS. INSIDE AUXILIARY DRAIN PAN. DRAIN PAN SHALL BE 26 GA. GALVANIZED STEEL, SEALED WATER TIGHT, AND 3" LARGER ON ALL SIDES. TRANSITION SUPPLY DUCTWORK TO FULL SIZE OF AC UNIT DISCHARGE OPENING. PROVIDE RETURN AIR PLENUM, FULL SIZE OF AC UNIT INTAKE OPENING. PROVIDE FLEX CONNECTIONS AT SUPPLY AND RETURN CONNECTIONS. PROVIDE 2" FILTERS AND FILTER RACK AT RETURN AIR OPENING WITH HINGED AND LATCHED ACCESS DOOR. PROVIDE ALL REQUIRED UNIT CLEARANCES.
 - PROVIDE ALL REQUIRED UNIT CLEARANCES. PROVIDE RETURN AIR PLENUM FULL SIZE UNIT OPENING.
 - DUCTS ROUTED ABOVE HIGH CEILING IN LOBBY TO MECHANICAL MEZZANINE AND DOWN TO UNIT.
 - INSTALL UNIT IN THIS LOCATION. TRANSITION SUPPLY DUCTWORK TO FULL SIZE OF AC UNIT DISCHARGE OPENING. PROVIDE RETURN AIR PLENUM, FULL SIZE OF AC UNIT INTAKE OPENING. PROVIDE FLEX CONNECTIONS AT SUPPLY AND RETURN CONNECTIONS. PROVIDE 2" FILTERS AND FILTER RACK AT RETURN AIR OPENING WITH HINGED AND LATCHED ACCESS DOOR. PROVIDE ALL REQUIRED UNIT CLEARANCES.



HVAC - MEZZANINE FLOOR PLAN
 1/8" = 1'-0"

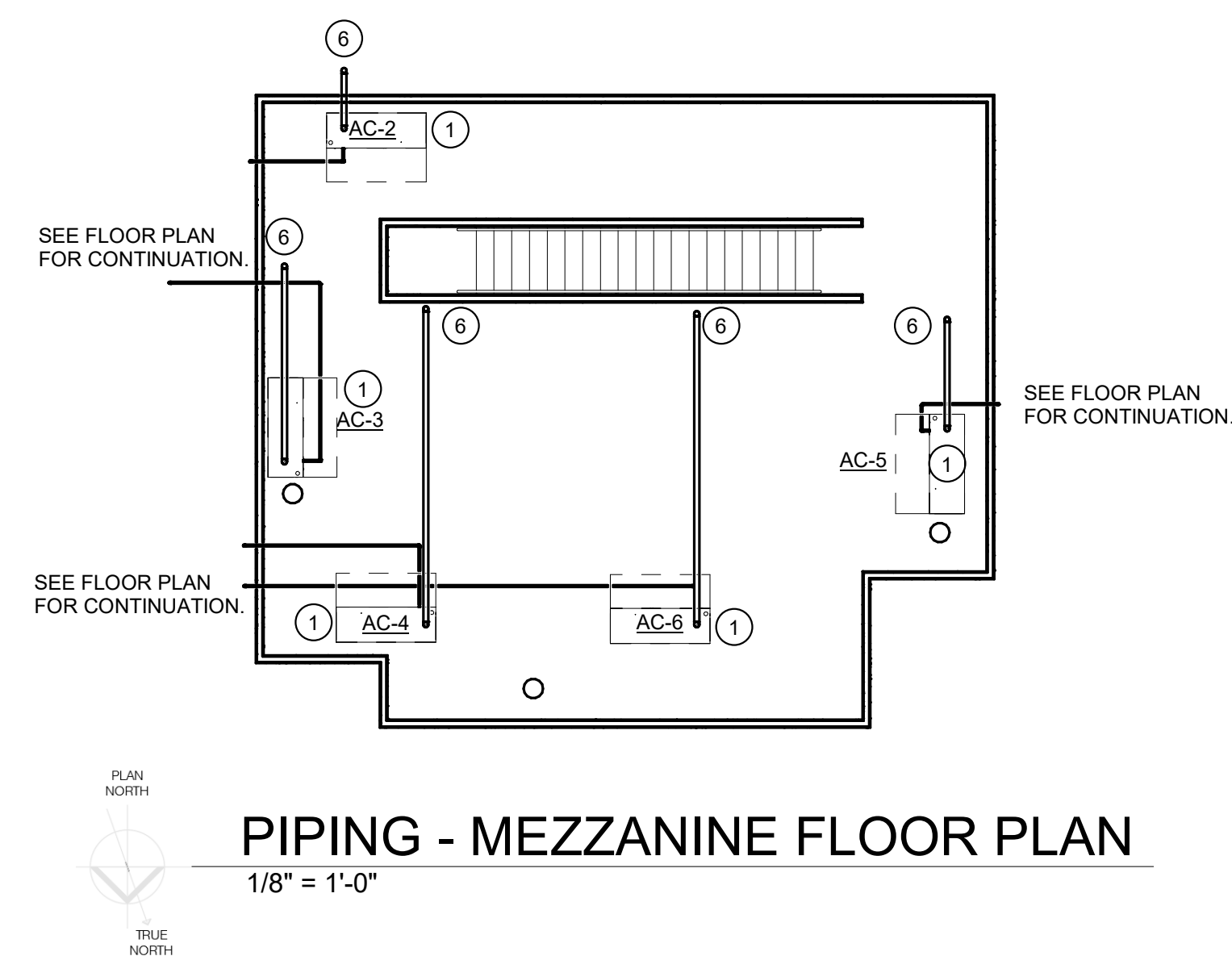
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PIPING - FLOOR PLAN
 1/8" = 1'-0"

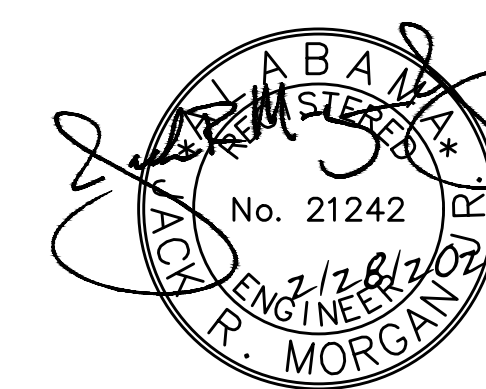
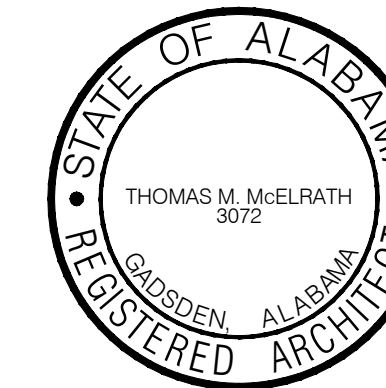
KEYED NOTE:

- ① ROUTE REFRIGERANT PIPING TO OUTDOOR UNIT. PROVIDE PIPE SLEEVE AT PIPING WALL PENETRATION. SEAL OPENING WATER TIGHT AFTER PIPING INSTALLATION IS COMPLETE. SIZE REFRIGERANT PIPING PER MANUFACTURER'S RECOMMENDATIONS. REFRIGERANT LINE SETS SHOWN AS SINGLE LINE FOR CLAIRTY
- ② PROVIDE 3/4" DRAIN PIPING WITH DRAIN TRAP AT AC UNIT TO FLOOR DRAIN. PROVIDE 1" AUXILIARY DRAIN PIPING FROM AUX. DRAIN PAN AND ROUTE INTO FLOOR DRAIN SEE PLBG.
- ③ ROUTE REFRIGERANT PIPING FROM OUTDOOR UNIT INTO BUILDING. UP IN WALL AND TO RESPECTIVE INDOOR UNIT. PROVIDE PIPE SLEEVE AT PIPING WALL PENETRATION. SEAL OPENING WATER TIGHT AFTER PIPING INSTALLATION IS COMPLETE. SIZE PER MANUFACTURER'S RECOMMENDATIONS.
- ④ ROUTE 3/4" CONDENSATE DRAIN LINE CONDENSATE WALL BOX. SEE PLBG.
- ⑤ SEE MEZZANINE LEVEL FOR CONTINUATION.
- ⑥ ROUTE 3" PVC COMBUSTION AIR DUCT AND 3" PVC VENT THROUGH CONCENTRIC VENT TO ROOF. TERMINATE MINIMUM 36" ABOVE ROOF WITH VENT CAP. SEE DETAIL. ALL COMBUSTION AIR VENTS TO TERMINATE ON PLAN NORTH OF STRUCTURE.



PIPING - MEZZANINE FLOOR PLAN
 1/8" = 1'-0"

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ARCHITECTURE and SPACE PLANNING

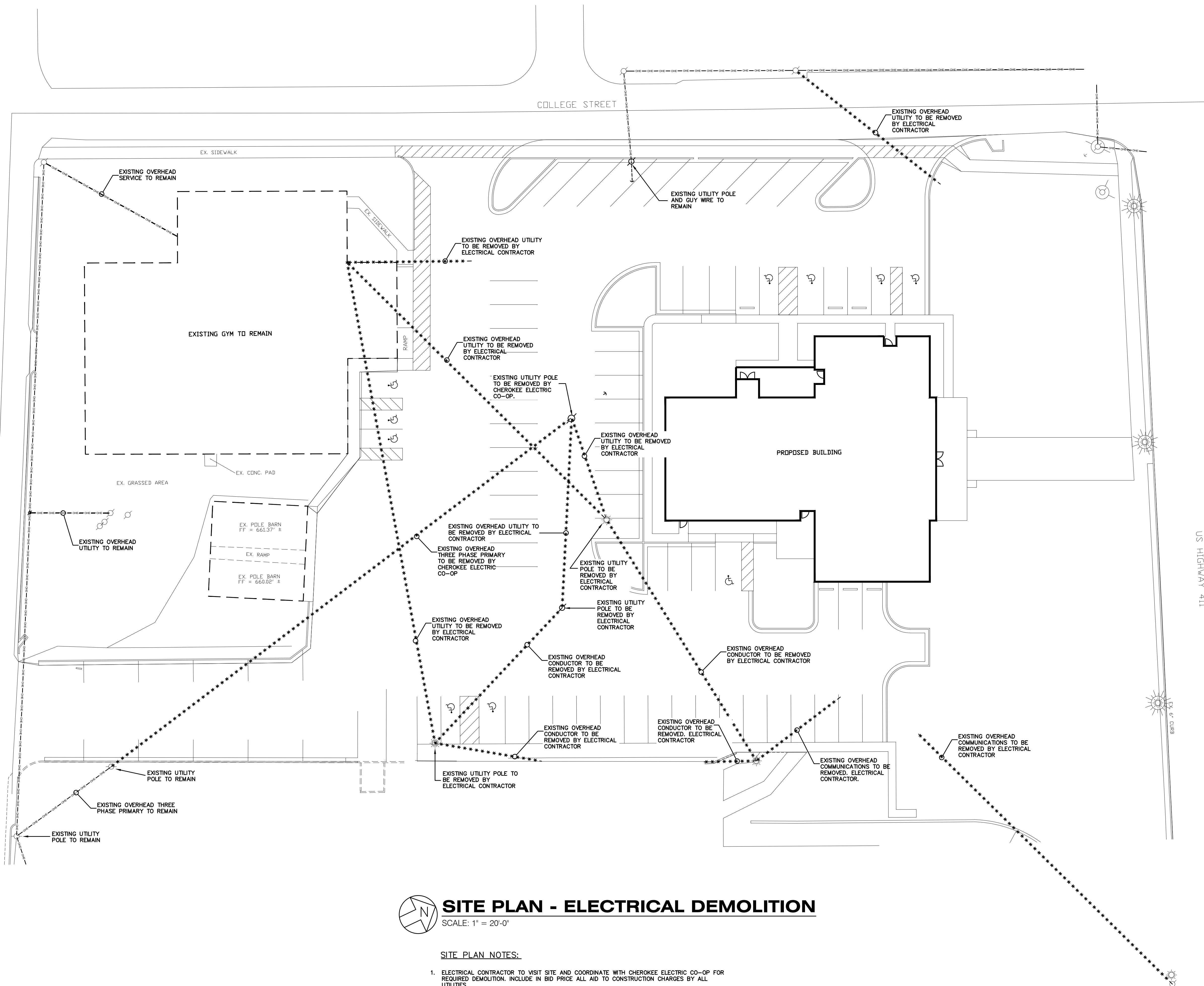
717 MERT SPRINGS ROAD
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EMAIL: TCM@TMM-ARCHITECT.COM

A NEW CITY HALL
and
MUNICIPAL OFFICE FACILITY
for the
CITY OF CENTRE, ALABAMA
350 E. MAIN STREET

SITE PLAN -
ELECTRICAL
DEMOLITION

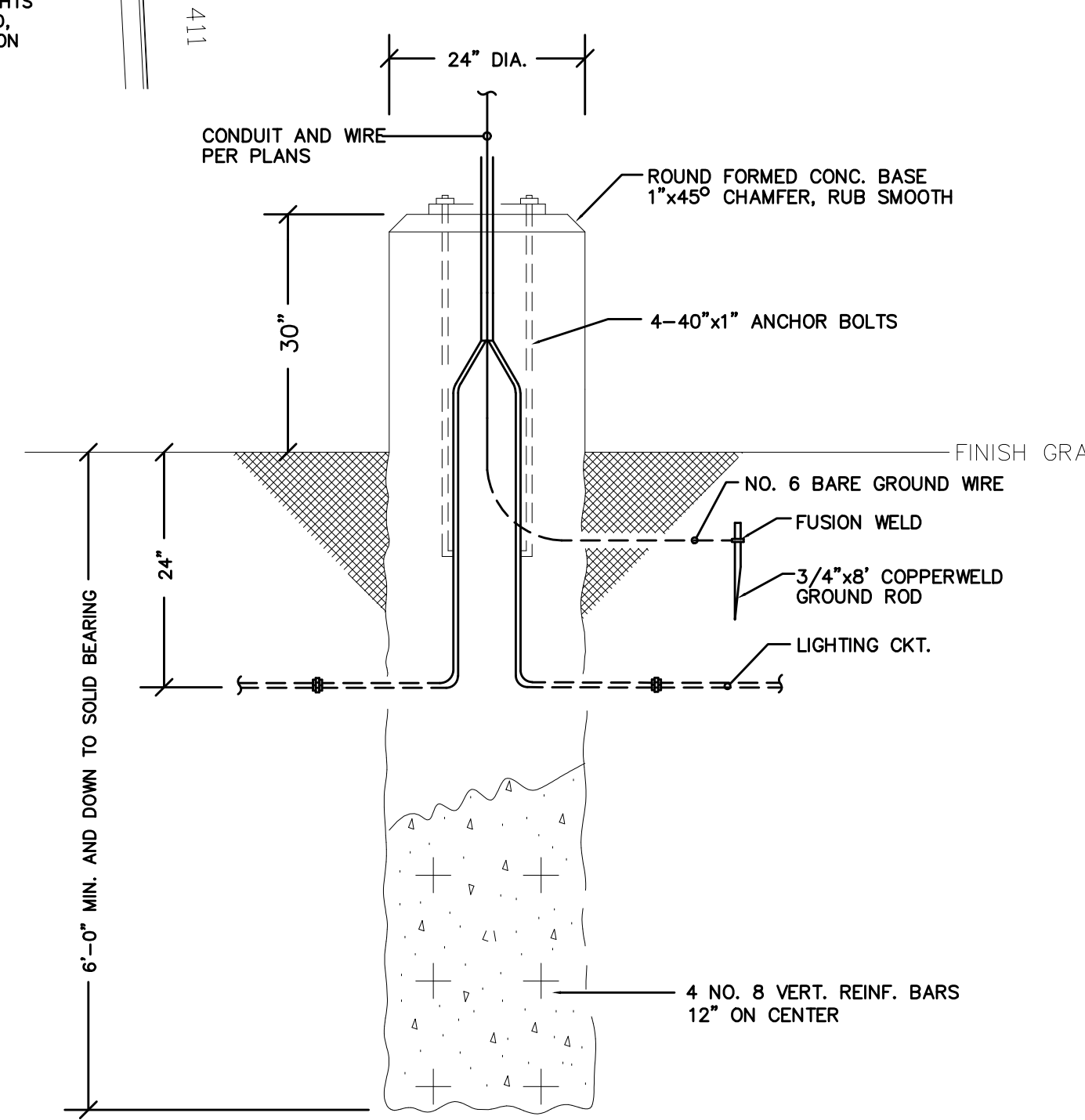
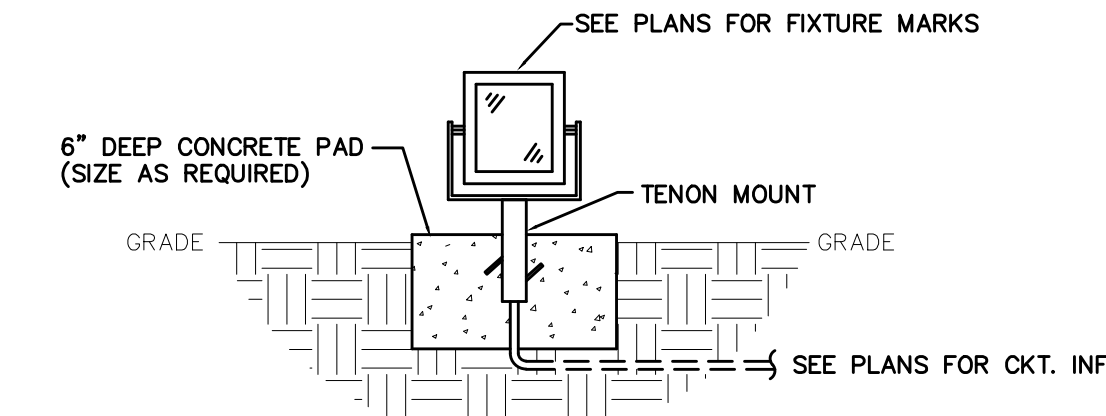
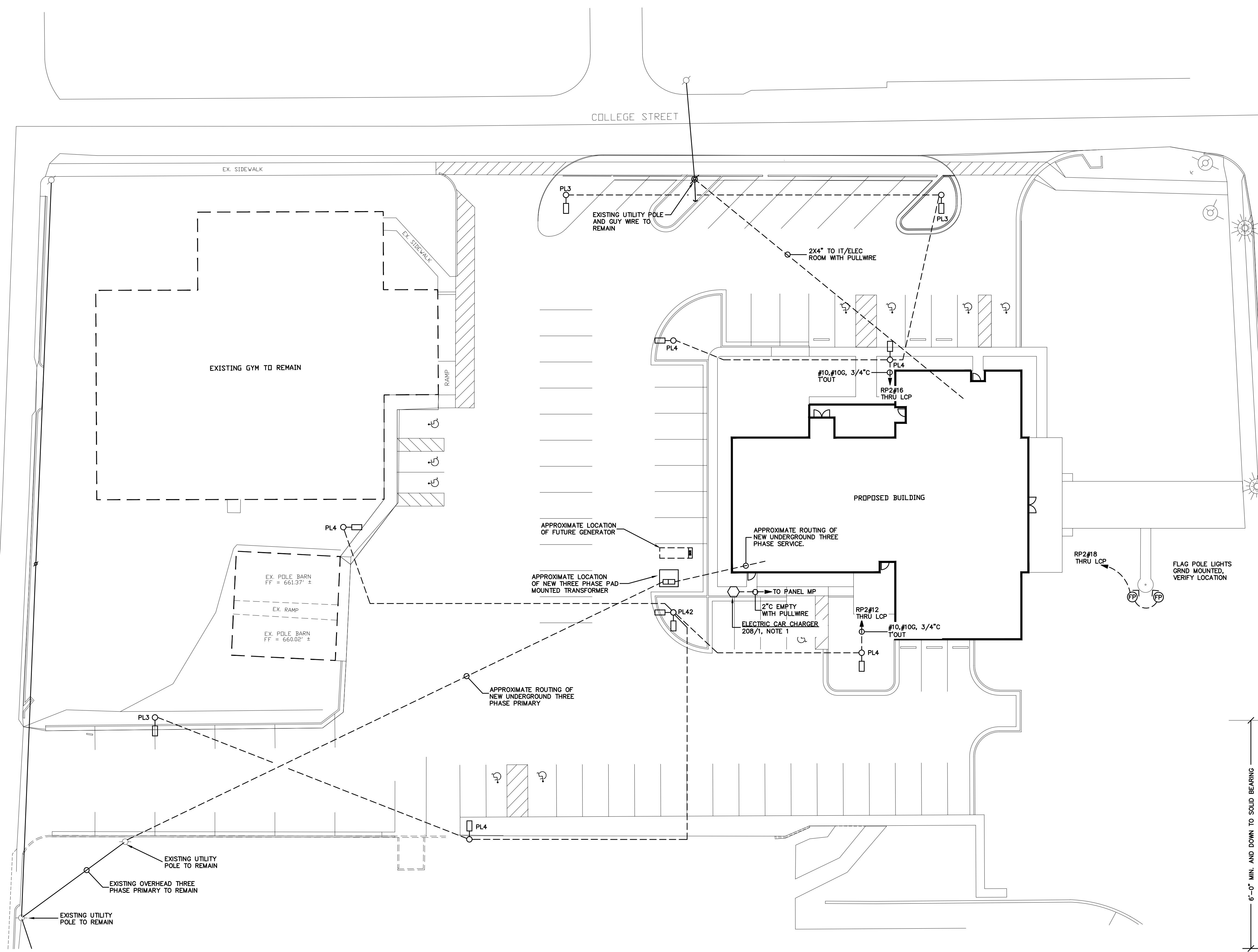
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SHEET
E1.0
OF
11
SHEETS



SITE PLAN - ELECTRICAL DEMOLITION
SCALE: 1" = 20'-0"

- SITE PLAN NOTES:**
1. ELECTRICAL CONTRACTOR TO VISIT SITE AND COORDINATE WITH CHEROKEE ELECTRIC CO-OP FOR REQUIRED DEMOLITION. INCLUDE IN BID PRICE ALL AID TO CONSTRUCTION CHARGES BY ALL UTILITIES.



SITE PLAN - ELECTRICAL
 SCALE: 1" = 20'-0"

- NOTES THIS SHEET:**
- FURNISH AND INSTALL IN GRADE POLYCARBONATE PULL BOX WITH "ELECTRICAL" COVER SIZE AS REQUIRED FOR FUTURE CAR CHARGING STATION.

- DETAIL NOTES:**
- 3500 PSI MINIMUM 28 DAY COMPRESSIVE STRENGTH CONCRETE WITH GRADE 60 RE-BARS.
 - IF WATER IS PRESENT IN HOLE, REMOVE BEFORE POURING CONCRETE.
 - FOUNDATION EXCAVATION SHALL BE BY 24" AUGAR IN UNDISTURBED OR PROPERLY COMPACTED FILL.
 - MINIMUM ALLOWABLE SOIL BEARING PRESSURE 3000 PSF. NOTIFY ENGINEER IF BEARING PRESSURE IS LESS.
 - AIR ENTRAINMENT: 4 TO 6%.
 - PROVIDE PRECAST AS A PRE-APPROVED EQUAL.

PANEL SCHEDULE

NAME PLATE INFORMATION	MARK	TYPE	MAINS			BRANCHES					MTD.	REMARKS	APPROVED EQUALS	AVAILABLE FAULT CURRENT	SURGE PROTECTION DEVICE
			TYPE	AMPS	SERVICE	1-POLE	2-POLE	3-POLE	SPARES	SPACES					
MP 120/208V 3P/4W FED FROM UTILITY	MP	SQUARE D I-LINE HCM 600AMP	MB	600	120/208V 3P/4W	---	1-15 A, 1-20 A, 1-30 A	3-20 A, 1-30 A, 1-70 A, 2-125 A, 1-225 A	1-200, 1-300, 1-1250	3-3P	SURFACE	MECHELECT 114	G.E., SIEMENS, CUTLER HAMMER	57,333	SURGE SUPPRESSION INC. CSEA3Y1-21
RP1 120/208V 3P/4W FED FROM MP	RP1	SQUARE D NCOOD 225AMP	MLO	125	120/208V 3P/4W	13-20 A, 1-20 A GFCI	---	---	15-20	12-1P	SURFACE	MECHELECT 114	G.E., SIEMENS, CUTLER HAMMER	43,460	NONE
RP2 120/208V 3P/4W FED FROM MP	RP2	SQUARE D NCOOD 225AMP	MLO	125	120/208V 3P/4W	18-20 A	---	---	10-20	14-1P	SURFACE	I.T./ELECT. 135	G.E., SIEMENS, CUTLER HAMMER	6,897	NONE
RPEM 120/208V 3P/4W FED FROM MP THRU ATS	RPEM	SQUARE D NCOOD 225AMP	MLO	225	120/208V 3P/4W	39-20 A	---	1-15 A, 2-20 A, 1-30 A, 1-70 A	9-20	---	SURFACE	2 SECTION PANEL, 30 POSITIONS EACH, MECHELECT 114	G.E., SIEMENS, CUTLER HAMMER	42,836	SURGE SUPPRESSION INC. CSEA3Y1-21

FIRE ALARM LEGEND

[FACP] FIRE ALARM CONTROL PANEL - EDWARDS# FX-1000-D SERIES INTELLIGENT ADDRESSABLE FIRE DETECTION CONTROL PANEL WITH STAND-BY BATTERY SURFACE MOUNTED AT 5'-0" TO CENTERLINE

- * PROVIDE FACTORY INSTALLED BATTERY BACKUP AND FACTORY INSTALLED SURGE SUPPRESSION DEVICE IN FACP.
- ** CONTRACTOR SHALL PROVIDE COMPLETE, INDEPENDENT 2EA. CATSE TELEPHONE LINE FROM AUXILIARY BACKBOARD (MDF) TO FIRE ALARM CONTROL PANEL. CATSE SHALL BE ROUTED IN 3/4" EMT CONDUIT FROM POINT "A" TO POINT "B" AND TERMINATED AS REQUIRED BY FIRE ALARM TECHNICIAN.
- *** FURNISH AND INSTALL INTEGRAL WEB SERVER ACCESS CARD.
- **** FURNISH AND INSTALL POINT ID DIALER AT FACP.

[FAA] REMOTE FIRE ALARM ANNUNCIATOR PANEL - EDWARDS# K-RLCD-C REMOTE ANNUNCIATOR PANEL WITH MICROPHONE IN FLUSH MOUNTED SERIES BOX. CONNECT TO FACP AS REQUIRED.

[NAC] REMOTE FIRE ALARM NAC PANEL - FIELD CHARGING POWER SUPPLY WITH BATTERY BACKUP SURFACE MOUNTED AT LOCATIONS SHOWN IN FACTORY BOX. SEE PLANS FOR CKT.#

[F] MANUAL FAS PULL STATION - EDWARDS# FX-278 W/ FLUSH MOUNTED BACKBOX (4" SQUARE BOX WITH SINGLE GANG RAISED COVER) MOUNTED @ + 44" A.F.F. TO BOTTOM.

[F] FIRE ALARM/SPEAKER STROBE - EDWARDS# EGCVWF - CEILING MOUNTED ON FLUSH 4" SQUARE BOX WITH 1-1/2" EXTENSION RING

[F] FIRE ALARM STROBE - EDWARDS# EGCVWF - CEILING MOUNTED ON 2 EACH FLUSH 4" SQUARE BOX WITH 1-1/2" EXTENSION RING

[F] SMOKE DETECTOR - EDWARDS# FC-PD - WITH BASE/CEILING MOUNTED ON FLUSH 4" SQUARE BOX

[F] DUCT DETECTOR (S=SUPPLY AIR - R= RETURN AIR) - EDWARDS# FX-PDD WITH DNR HOUSING W/ SAMPLING TUBE & RELAY FURNISHED BY ELECTRICAL, INSTALLED IN DUCT BY MECHANICAL, FINAL CONNECTIONS BY FIRE ALARM CONTRACTOR.

[F] HEAT DETECTOR - EDWARDS# FX-FD - WITH BASE/CEILING MOUNTED ON FLUSH 4" SQUARE BOX

[FS] INTELLIGENT FLOW SWITCH MONITOR MODULE - EDWARDS# FX-IDCB, FLOW SWITCH FURNISHED AND INSTALLED BY OTHERS, MODULE FURNISHED AND INSTALLED BY FIRE ALARM CONTRACTOR. CONNECT TO FACP AS REQUIRED.

[TS] INTELLIGENT TAMPER SWITCH MONITOR MODULE - EDWARDS# FX-IDCB, TAMPER SWITCH FURNISHED AND INSTALLED BY OTHERS, MODULE FURNISHED AND INSTALLED BY FIRE ALARM CONTRACTOR. CONNECT TO FACP AS REQUIRED.

[Z] ZAM - ZONE ADDRESSABLE MODULE, CONTROL (OUTPUT FROM FIRE ALARM PANEL TO A DEVICE OR SYSTEM)

[DD] DUCT DETECTOR (ASSOCIATED WITH SMOKE DAMPER OR FIRE/ SMOKE DAMPER AT PENETRATION) - EDWARDS# FX-PDD DNR HOUSING W/ SAMPLING TUBE & RELAY FURNISHED BY ELECTRICAL, INSTALLED IN DUCT BY MECHANICAL, FINAL CONNECTIONS BY FIRE ALARM CONTRACTOR. A DETECTOR IS REQUIRED ON EACH SIDE OF DAMPER

ELECTRICAL NOTES

- THESE DRAWINGS ARE A PART OF A COMPLETE SET OF ARCHITECTURAL/ENGINEERING CONTRACT DOCUMENTS. ELECTRICAL CONTRACTOR SHOULD REFER TO THE ARCHITECTURAL PLANS FOR WALL DEFINITIONS, ELEVATIONS, CASEWORK, REFLECTED CEILING PLAN, ETC.
- ALL CIRCUIT BREAKERS AND SWITCHES ARE 3-POLE UNLESS OTHERWISE NOTED.
- ALL BRANCH CIRCUIT CONDUIT SHALL BE GALVANIZED EMT, JOINED AND TERMINATED WITH SET SCREW STEEL FITTINGS, 3/4" CONDUIT MINIMUM. ALL CIRCUITS SHOWN CONCEALED SHALL BE RUN IN FURRED CEILING SPACES AND SHALL BE CONCEALED IN CONCRETE SLAB ONLY WHEN NO FURRED CEILING SPACE IS PROVIDED.
- ALL CONDUITS CROSSING EXPANSION JOINTS SHALL HAVE EXPANSION TYPE FITTINGS. ALL OUTLET BOXES MOUNTED BACK-TO-BACK IN WALLS SHALL HAVE FIREPROOF SOUND INSULATING MATERIAL INSTALLED BETWEEN THE BOXES TO PREVENT SOUND TRANSMISSION FROM ONE ROOM TO THE OTHER.
- ALL FLUSH MOUNTED PANELS SHALL HAVE 5-1" EMPTY CONDUITS STUBBED OUT TO ABOVE CEILING FOR FUTURE CIRCUITS.
- VERIFY LOCATION OF ALL FLOOR OUTLETS BEFORE INSTALLATION.
- ALL WALL OUTLETS NOT PROVIDED WITH A DEVICE BY THIS CONTRACTOR SHALL BE PROVIDED WITH BLANK WALL PLATES.
- ALL BRANCH CIRCUITS SHALL INCLUDE A GREEN COVERED GROUND WIRE SIZED PER NEC OR AS SHOWN. CONNECT TO EACH DEVICE AND OUTLET BOX ON THE CIRCUIT AND TO THE PANELBOARD GROUND BUS. MULTIPLE WIRE BRANCH CIRCUITS WITH COMMON NEUTRAL REQUIRE ONLY ONE GROUND WIRE. NUMBER OF WIRES SHOWN ON DRAWINGS DOES NOT INCLUDE GROUND WIRE. SEE TYPICAL DETAILS FOR MOUNTING HEIGHTS OF ALL OUTLETS.
- ALL CONDUIT TO BE CONCEALED UNLESS OTHERWISE NOTED (U.O.N).
- WHERE FIXTURES/DEVICES SHOWN ON COLUMNS, PILASTERS, ABOVE DOORS, ETC. IT IS INTENDED TO BE CENTERED U.O.N. COORDINATE WITH ARCHITECT PRIOR TO INSTALLATION.
- ALL RACEWAYS AND CABLING SHALL BE CONCEALED IN WALLS OR ABOVE CEILING WHERE POSSIBLE. WHERE COMPLETED FINISHES ARE DISTURBED, CONTRACTOR SHALL REPAIR/ REPLACE SURFACES TO MATCH ORIGINAL AT NO ADDITIONAL EXPENSE TO OWNER. ANY/ ALL EXPOSED RACEWAY/ CONDUIT (WHERE ALLOWED IN CEILING AREAS WITH EXPOSED STRUCTURE) SHALL BE PAINTED TO MATCH ADJACENT SURFACE.
- ALL ROOF PENETRATIONS SHALL BE KEPT TO AN ABSOLUTE MINIMUM. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE ROOFING MANUFACTURER CONTRACTOR FOR ALL ROOF PENETRATIONS. NO ROOF PENETRATIONS SHALL BE PERMITTED THAT WOULD VOID THE ROOF WARRANTY. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY/ ALL CHARGES RELATED TO COORDINATION FOR PENETRATIONS.
- CONTRACTOR SHALL FURNISH AND INSTALL ALL BRACKETS, HARDWARE AND ENVIRONMENTALLY APPROPRIATE ENCLOSURES AS REQUIRED FOR ALL EQUIPMENT.
- CONTRACTOR SHALL REVIEW AND MAINTAIN ALL FIRE RATINGS.

LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	LAMPS		MOUNTING		REMARKS	EQUALS	
			# LAMPS	LUMENS/WATTS	TYPE	TYPE			
LG22	HE WILLIAMS	LPT-22-L27-8-35-S-A12125-EQ-DIM-UNV	1	2862L/22W (NOMINAL)	LED	RECESSED	4"	2x2 FLAT PANEL WITH 0-10V DIMMING	OR APPROVED EQUALS
LG22E	HE WILLIAMS	LPT-22-L27-8-35-S-A12125-EQ-DIM-UNV-EM10W	1	2862L/22W (NOMINAL)	LED	RECESSED	4"	2x2 FLAT PANEL WITH 0-10V DIMMING AND INTEGRAL EM BATTERY.	OR APPROVED EQUALS
LG3	HE WILLIAMS	LPT-24-L43-8-35-S-A12125-EQ-DIM-UNV	1	4304L/32W (NOMINAL)	LED	RECESSED	4"	2x4 FLAT PANEL WITH 0-10V DIMMING	OR APPROVED EQUALS
LG3E	HE WILLIAMS	LPT-24-L43-8-35-S-A12125-EQ-DIM-UNV-EM10W	1	4304L/32W (NOMINAL)	LED	RECESSED	4"	2x4 FLAT PANEL WITH 0-10V DIMMING AND INTEGRAL EM BATTERY.	OR APPROVED EQUALS
LL	ACUTY BRANDS	SL2 LOP 4 FLP XX 80CRI 35K 800LMF MN10 120 ZT	1	2820L/32W (NOMINAL)	LED	RECESSED	4.3/8"	4FT RECESSED SLOT FIXTURE. LENSED. WITH 0-10V DIMMING. COORDINATE CEILING TYPE WITH ARCHITECT.	OR PRIOR APPROVED EQUAL
LLE	ACUTY BRANDS	SL2 LOP 4 FLP XX 80CRI 35K 800LMF MN10 120 ZT E10W/CP	1	2820L/32W (NOMINAL)	LED	RECESSED	4.3/8"	4FT RECESSED SLOT FIXTURE. LENSED. WITH 0-10V DIMMING. FURNISHED WITH INTEGRAL EMERGENCY BATTERY. COORDINATE CEILING TYPE WITH ARCHITECT.	OR PRIOR APPROVED EQUAL
LF	HE WILLIAMS	75R-4-L30-8-35-UNV	1	3071L/20W (NOMINAL)	LED	SURFACE	---	4FT LINEAR STRIP	OR APPROVED EQUALS
LFE	HE WILLIAMS	75R-4-L30-8-35-EM/10W-UNV	1	3071L/20W (NOMINAL)	LED	SURFACE	---	4FT LINEAR STRIP WITH EM BATTERY	OR APPROVED EQUALS
LA2	HE WILLIAMS	AP-22-L50-8-35-EQ-DIM-UNV	1	5065L/45W (NOMINAL)	LED	RECESSED	3.3/4"	2x2 DECORATIVE FLAT PANEL WITH 0-10V DIMMING AND INTEGRAL EM BATTERY.	OR APPROVED EQUALS
R6	HE WILLIAMS	6DR-L20-8-35-F-DIM-UNV-O-W-**-CS-CS	1	2000L/20W (NOMINAL)	LED	RECESSED	7"	6" RECESSED CAN LIGHT WITH DIMMING	OR APPROVED EQUALS
R6E	HE WILLIAMS	6DR-L20-8-35-F-DIM-UNV-O-W-**-CS-CS-EM7W	1	2000L/20W (NOMINAL)	LED	RECESSED	7"	6" RECESSED CAN LIGHT WITH DIMMING AND INTEGRAL EM BATTERY	OR APPROVED EQUALS
R6WE	HE WILLIAMS	6DR-L20-8-35-F-DIM-UNV-O-W-**-CS-CS-WETICC-EM7W	1	2000L/20W (NOMINAL)	LED	RECESSED	7"	6" RECESSED CAN LIGHT WITH DIMMING AND INTEGRAL EM BATTERY WET LOCATION LISTED	OR APPROVED EQUALS
R8	HE WILLIAMS	8DR-L60-8-35-DIM-120-O-M-CS-WETICC-N	1	5943L/72W (NOMINAL)	LED	RECESSED	9-1/2"	8" RECESSED CAN LIGHT WITH DIMMING AND WET LOCATION LISTED	OR APPROVED EQUALS
R8E	HE WILLIAMS	8DR-L60-8-35-DIM-120-O-M-CS-WETICC-NEM10W	1	5943L/72W (NOMINAL)	LED	RECESSED	9-1/2"	8" RECESSED CAN LIGHT WITH DIMMING AND INTEGRAL EM BATTERY WET LOCATION LISTED	OR APPROVED EQUALS
XA	HE WILLIAMS	EXTTEL/RECESSED-SF-R-CP-**-EM-D (SINGLE FACE)	1	---	---	WITH UNIT	---	SINGLE FACE EXT FIXTURE WITH EM BATTERY. SEE PLANS FOR CHEVRONS.	OR APPROVED EQUALS
XB	HE WILLIAMS	EXTTEL/RECESSED-MP-R-CP-**-EM-D (DUAL FACE)	1	---	---	WITH UNIT	---	DUAL FACE EXT FIXTURE WITH EM BATTERY. SEE PLANS FOR CHEVRONS.	OR APPROVED EQUALS
S8	HE WILLIAMS	A13-P33-L16-35-AC**-DIM-UNV	1	6468L/53W (NOMINAL)	LED	PENDANT	---	8FT LINEAR LED. COORDINATE WITH ARCHITECT SUSPENSION TYPE, CEILING TYPE AND COLOR/FINISH PRIOR TO ANY/ALL ORDERING.	OR APPROVED EQUALS
VL	NUVO	60-6581	1	60W MAX WATTAGE	MED	SURFACE WALL	---	VANITY FIXTURE WITH MEDIUM LAMP BASE. PROVIDE LED EQUIVALENT. VERIFY MOUNTING HEIGHT AND LOCATION WITH ARCHITECT.	OR APPROVED EQUALS
WLE	HE WILLIAMS	WMPV-L60-40K-TFT-**-SDGL-EM/4W-UNV	1	6000L/49W (NOMINAL)	LED	SURFACE WALL	---	LED WALL PACK WITH INTEGRAL EM BATTERY. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH OWNER/ARCHITECT PRIOR TO ANY/ALL ROUGHING. FIXTURE COLOR/FINISH TO BE SELECTED BY ARCHITECT.	OR APPROVED EQUALS
PD1	---	PROVIDE \$2.500 ALLOWANCE FOR EACH FIXTURE. OWNER/ARCHITECT TO SELECT FIXTURE	1	500W MAX	LED	PENDANT	---	---	OR APPROVED EQUALS
FP	ACUTY LIGHTING	DSX2 LED P3 40K 70CRI WFR MVOLT THK DOBND	1	12,313L/93W (NOMINAL)	LED	SITE FLOOD	---	LED FLOOD LIGHT WITH SLP FITTER TO BE MOUNTED ON STANCHION. SEE PLANS AND DETAILS.	OR PRE-APPROVED EQUAL
PL3	HE WILLIAMS	VA1-L83-7-40-T3-F-S-**-SF	1	9000L/67W (NOMINAL)	LED	POLE	---	SINGLE HEAD LED POLE MOUNTED AT 25'-0" ABOVE FINISHED GRADE ON CONCRETE BASE (SEE DETAIL). TYPE 3, 4000K. POLE SHALL MEET CURRENT IBC WIND LOAD RATING FOR THIS REGION.	OR APPROVED EQUALS
PL4	HE WILLIAMS	VA1-L83-7-40-T4-F-S-**-SF	1	9000L/67W (NOMINAL)	LED	POLE	---	SINGLE HEAD LED POLE MOUNTED AT 25'-0" ABOVE FINISHED GRADE ON CONCRETE BASE (SEE DETAIL). TYPE 4, 4000K. POLE SHALL MEET CURRENT IBC WIND LOAD RATING FOR THIS REGION.	OR APPROVED EQUALS
PL42	HE WILLIAMS	VA1-L83-7-40-T4-F-D90-**-SF	2	18,000L/134W (NOMINAL)	LED	POLE	---	DUAL HEAD LED AT 90 DEGREE (SEE PLANS) POLE MOUNTED AT 25'-0" ABOVE FINISHED GRADE ON CONCRETE BASE (SEE DETAIL). TYPE 4, 4000K. POLE SHALL MEET CURRENT IBC WIND LOAD RATING FOR THIS REGION.	OR APPROVED EQUALS

- NOTES: EEGRP JOB# 4904-2015 IECC
- ALL FIXTURES THAT ARE SELECTABLE LUMENS ARE RATED AT THE HIGHEST WATTAGE PACKAGE FOR THE SPECIFIED FIXTURE. SEE FIXTURE SCHEDULE FOR NOTATION.
 - ALL FIXTURES COLOR/FINISH TO BE SELECTED BY ARCHITECT/OWNER.

LIGHTING

- 1 SURFACE OR RECESSED CEILING OUTLET - FIXTURE TYPE 'F'
- 2 CEILING OUTLET - FIXTURE SINGLE OR CONTINUOUS LENGTHS
- 3 CEILING OUTLET - FIXTURE SINGLE OR CONTINUOUS LENGTHS CONNECTED TO EMERGENCY INVERTER OR INTEGRAL BATTERY.
- 4 CEILING OUTLET - FIXTURE SINGLE OR CONTINUOUS LENGTHS
- 5 CEILING OUTLET - FIXTURE SINGLE OR CONTINUOUS LENGTHS CONNECTED TO EMERGENCY INVERTER OR INTEGRAL BATTERY.
- 6 SINGLE SIDE EXIT SIGN - WITH DIRECTIONAL CHEVRONS AS SHOWN. BATTERY BACKUP
- OS LIGHTING CONTROL SYSTEM
- WALL MOUNTED VACANCY SINGLE POLE SWITCH, ON/OFF, RAISE LOWER, 0-10V DIMMING, 8A MAX INPUT LED, 120/277V; LUTRON MODEL NO. MS-2101-V-XX OR APPROVED EQUAL
- 1-POLE, 20A, 125/277V, SEE SPECIFICATIONS.
- 3-WAY, 20A, 125/277V, SEE SPECIFICATIONS

POWER

- POWER PANEL - SEE SCHEDULE AND SPECIFICATIONS
- MOTOR-HORSEPOWER AS SHOWN (HP) HORSEPOWER (TYPICAL)
- FAN - CEILING/ROOF MOUNTED EXHAUST FAN
- FUSED DISCONNECT SWITCH - 600V - HEAVY DUTY TYPE, RATING AND ENCLOSURE AS SHOWN. SEE SPECIFICATIONS FOR IDENTIFICATION. FURNISH AND INSTALL NAME PLATES PER DETAIL. FUSE PER EQUIPMENT MANUFACTURER.
- MANUAL MOTOR STARTER - HORSEPOWER RATED, WITH THERMAL OVERLOAD UNITS AND ENCLOSURE CONSISTENT WITH ENVIRONMENT.

BRANCH CIRCUITS

- BRANCH CIRCUIT - ROUTED ABOVE CEILING OR IN WALL (SEE SPECIFICATIONS)
- BRANCH CIRCUIT - ROUTED IN FLOOR (SEE SPECIFICATIONS)
- HOMERUN TO PANELBOARD - NUMBER OF CIRCUITS CONDUCTORS AS REQUIRED, CONDUIT SIZE AS REQUIRED (3/4" MINIMUM), INDIVIDUAL NEUTRAL CONDUCTOR REQUIRED PER CIRCUIT. FURNISH AND INSTALL PER NEC REQUIREMENTS.
- BRANCH CIRCUIT - EXPOSED (SEE SPECIFICATIONS).
- EQUIPMENT HOMERUN - NUMBER OF CIRCUITS/ CONDUCTORS AS REQUIRED, CONDUIT SIZE AS REQUIRED (3/4" MINIMUM). FURNISH AND INSTALL PER NEC REQUIREMENTS.
- FEEDER - OVERHEAD
- FEEDER - UNDERGROUND

RECEPTACLES

- ABOVE COUNTER WALL OUTLET - DUPLEX OUTLET, 20A, 125V, 3 WIRE ONE POLE GROUND, SEE SPECIFICATIONS.
- WALL OUTLET - DUPLEX OUTLET, 20A, 125V, 3 WIRE ONE POLE GROUND, SEE SPECIFICATIONS.
- WALL OUTLET - DUPLEX OUTLET WITH GROUND FAULT INTERRUPTER, 20A, 125V, 3 WIRE ONE POLE GROUND, SEE SPECIFICATIONS.
- WALL OUTLET - WEATHERPROOF DUPLEX OUTLET WITH GROUND FAULT INTERRUPTER, 20A, 125V, 3 WIRE ONE POLE GROUND
- WALL OUTLET - DOUBLE DUPLEX OUTLET, 20A, 125V, 3 WIRE ONE POLE GROUND
- WALL OUTLET - SINGLE OUTLET, 20A, 125V, 3 WIRE POLARIZED
- WALL OUTLET - JUNCTION BOX
- CEILING OUTLET - JUNCTION BOX
- RISER - UP
- RISER - DOWN

FLOOR BOX LEGEND

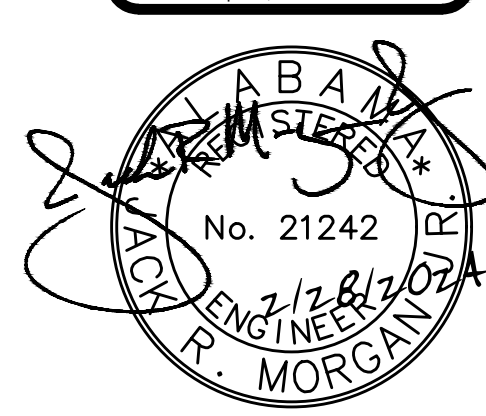
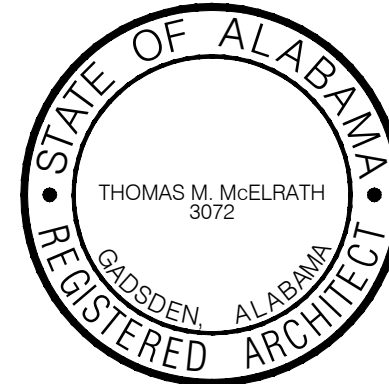
- WIREMOLD# RFBAC6300G COMPLETE WITH COVER (WIREMOLD# 8CTC2 - COLOR AND FINISH TO BE SELECTED BY ARCHITECT), TWO (2) EACH 20A, 120V DUPLEX RECEPTACLES IN WIREMOLD# RFBADP MOUNTING PLATES, TWO (2) EACH R45 JACKS IN WIREMOLD# RFBADJ4LB MOUNTING PLATE, TWO (2) EACH WIREMOLD# RFBADP MOUNTING PLATES FOR FUTURE AV DEVICES AND ONE (1) EACH WIREMOLD# RFBADP BLANK PLATE. SEE POWER PLAN FOR POWER CONNECTIONS. FURNISH AND INSTALL TWO (2) EACH CAT6 CABLES FROM JACKS IN FLOOR BOX TO IT/ ELEC 135 AND TERMINATE ON PATCH PANEL. FURNISH AND INSTALL ONE (1) EACH 1-1/4" C FROM FLOOR BOX TO JUNCTION BOX FOR FUTURE AV (SEE PLANS). PROVIDE TILE SHIM, TORAZZO RING AND ANY/ ALL OTHER HARDWARE AS REQUIRED.

AUXILIARY

- DATA OUTLET (NUMBER OF DATA AS INDICATED) - WALL MOUNTED - SEE DETAIL
- SYMBOLS BELOW FOR AUXILIARY OUTLETS, SEE AUXILIARY OUTLET DETAIL FOR DESCRIPTIONS
- INTERIOR, CEILING-MOUNTED, VIDEO SURVEILLANCE DOME CAMERA (CAMERA TO BE FURNISHED AND INSTALLED BY OTHERS. FURNISH AND INSTALL ONE (1) EACH CAT6 CABLE (SEE DIVISION 26 90 00 SPECIFICATION) FROM CAMERA TO NEAREST AUXILIARY BACKBOARD. SEE DETAILS
- EXTERIOR, WALL-MOUNTED, VIDEO SURVEILLANCE BULLET CAMERA (CAMERA TO BE FURNISHED AND INSTALLED BY OTHERS). FURNISH AND INSTALL ONE (1) EACH CAT6 CABLE (SEE DIVISION 26 90 00 SPECIFICATION) FROM CAMERA TO NEAREST AUXILIARY BACKBOARD. SEE DETAILS
- ACCESS CONTROL DOOR. CARD READER AND ASSOCIATED CABLING TO BE FURNISHED AND INSTALLED BY OTHERS. SEE DETAIL: SECURE DOOR
- EMERGENCY CALL SWITCH/ DURESS BUTTON (FURNISHED AND INSTALLED BY OTHERS). COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ANY ROUGHING. FURNISH AND INSTALL FLUSH-MOUNTED 4" SQUARE BOX WITH SINGLE GANG PLASTER RING JUST BELOW COUNTER TOP. FURNISH AND INSTALL 1" (EMPTY) FROM BOX TO IT/ ELEC 135. TERMINATE WITH SMOOTH BUSHING AND LABEL "RECEPTION DURESS BUTTON".
- REMOTE RELEASE (RR) AND DOOR HOLDER (DH). DOOR HOLDER TO BE 120V MAGNETIC DOOR HOLDER. POWER FOR DOOR HOLDER TO BE SWITCHED BY A MEDIUM VOLTAGE RELAY WITH 120V COILS. REMOTE RELEASE TO BE MOMENTARY CONTACT PUSHBUTTON IN FLUSH-MOUNTED 4" SQUARE BOX WITH SINGLE GANG PLASTER RING (COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH OWNER PRIOR TO ANY ROUGH-IN. CONNECT SUCH THAT WHEN THE BUTTON IS PRESSED, THE RELAY WILL OPEN AND SHUNT POWER TO THE DOOR HOLDER TO ALLOW FOR DOOR RELEASE. DOOR HOLDER AND PUSHBUTTON TO BE CONNECTED TO SAME 120V POWER SOURCE AS SHOWN.
- HANDICAP ACCESSIBLE PUSHBUTTON NON-SECURE SIDE: SHALL BE 4-1/2" SQUARE HANDICAP PUSHBUTTON SWITCH IN FLUSH MOUNTED 4" SQUARE BOX AT +36" A.F.G.. CONNECT TO HANDI-CAP OPERATOR SUCH THAT OPERATOR OPENS DOOR WHEN BUTTON IS PRESSED.
- HANDICAP ACCESSIBLE PUSHBUTTON SECURE SIDE: SHALL BE 4-1/2" SQUARE HANDICAP PUSHBUTTON SWITCH IN FLUSH MOUNTED 4" SQUARE BOX AT +36" A.F.F.. CONNECT TO HANDI-CAP OPERATOR SUCH THAT OPERATOR OPENS DOOR WHEN BUTTON IS PRESSED.
- HANDICAP DOOR OPERATOR: OPERATOR SHALL BE FURNISHED AND INSTALLED BY OTHERS. FINAL ELECTRICAL CONNECTIONS SHALL BE BY ELECTRICAL CONTRACTOR.
- CABLE TRAY (8" W X 6" D, SEE SPECIFICATIONS) COMPLETE WITH ALL REQUIRED SUPPORT HARDWARE AND VELCRO STRAPS. APPROXIMATE ROUTING AS SHOWN ON PLANS. CABLE TRAY SHALL BE CENTER HUNG, CABLOFIL# CF150/200. CABLE TRAY TO BE POWDER COATED (COLOR BY ARCHITECT) AND INCLUDE CABLE TRAY LINER WHERE CABLE TRAY IS EXPOSED.
- SLEEVE FOR AUXILIARY CABLING. FURNISH AND INSTALL TWO (2) EACH 4" C SLEEVES THROUGH WALL AND TERMINATE WITH SMOOTH BUSHING. WHERE SLEEVES OCCUR AT FIRE RATED PENETRATIONS, FURNISH AND INSTALL FIRE BARRIER PATHWAY BY STI OR EQUAL.



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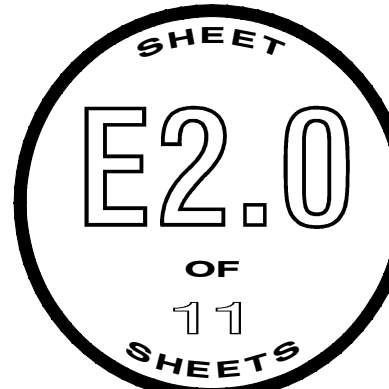


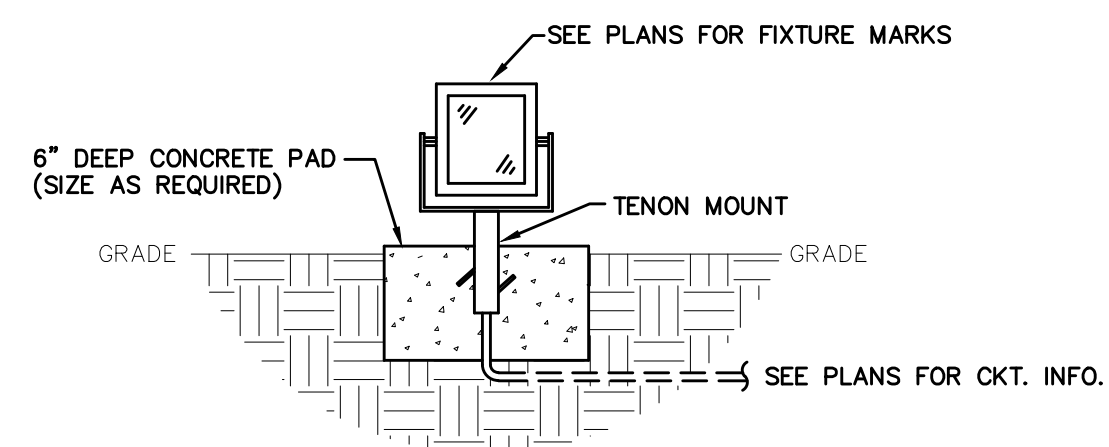
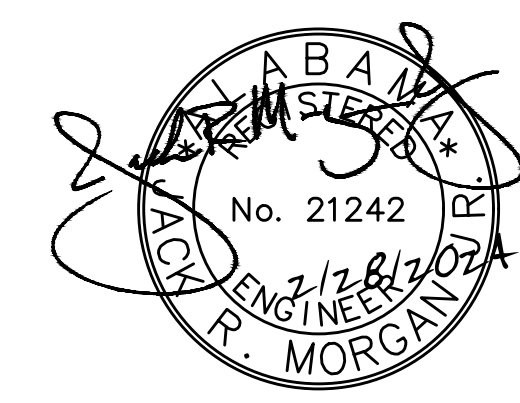
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A NEW CITY HALL
and
MUNICIPAL OFFICE FACILITY
for the
CITY of CENTRE, ALABAMA
350 E. MAIN STREET

LEGEND AND SCHEDULES

DRAWN	JRM
CHECKED	JRM
SCALE	AS NOTED
DATE	FEBRUARY 28, 2024
FILE	
JOB NO.	4904-24
REVISIONS	

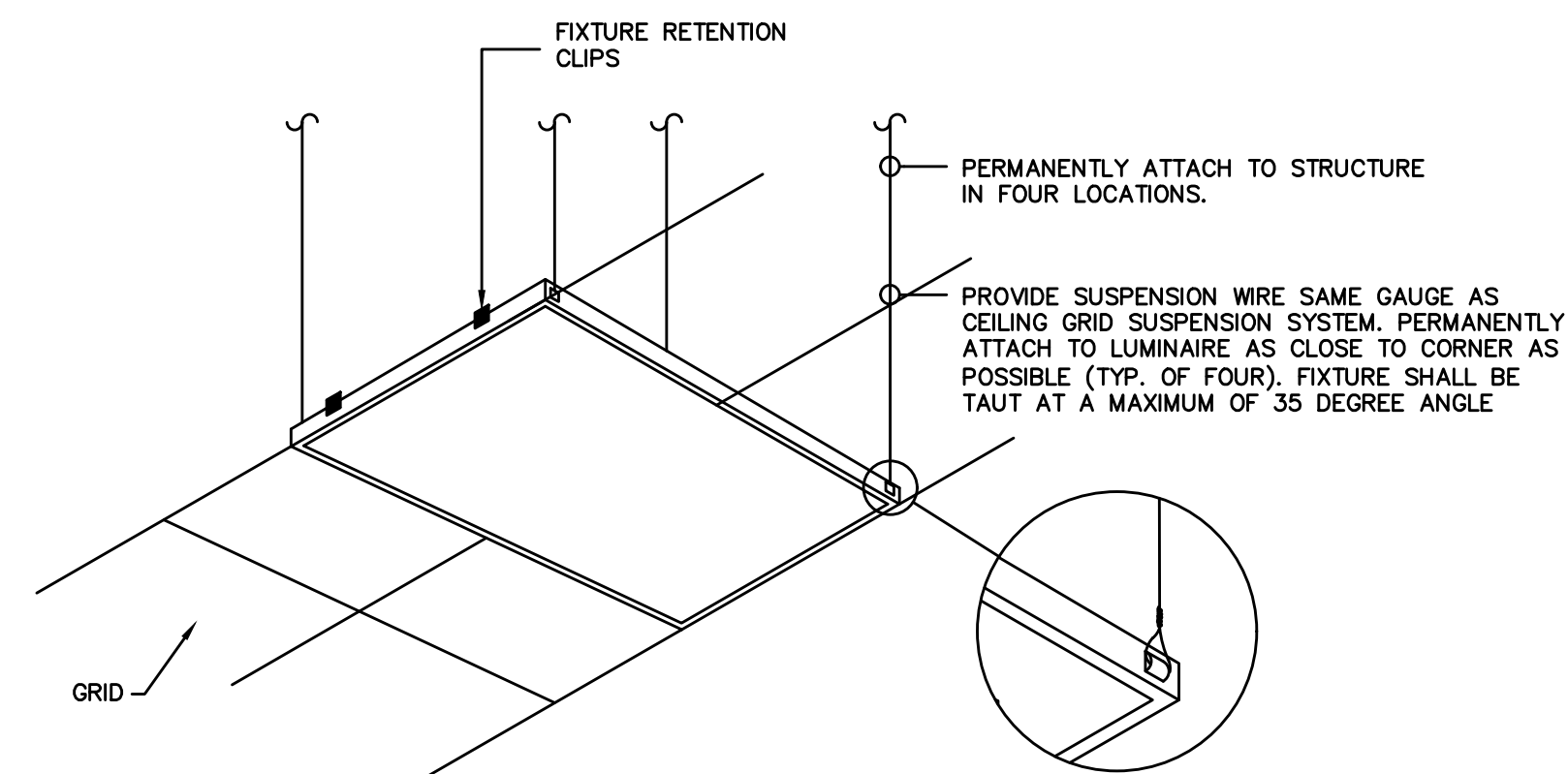




GRADE-MOUNTED FLOOD LIGHTING

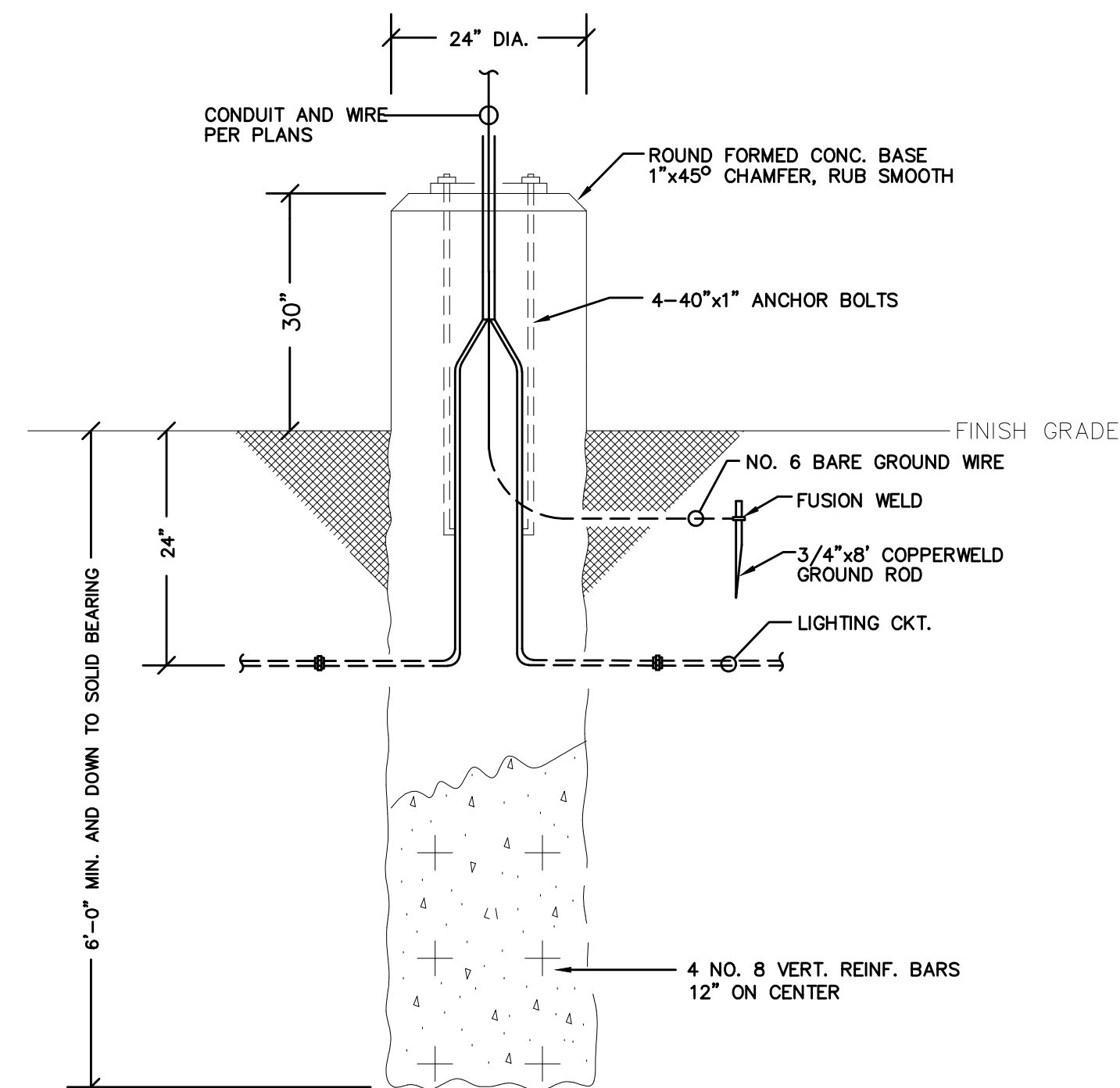
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RECESSED FIXTURE SUPPORTS

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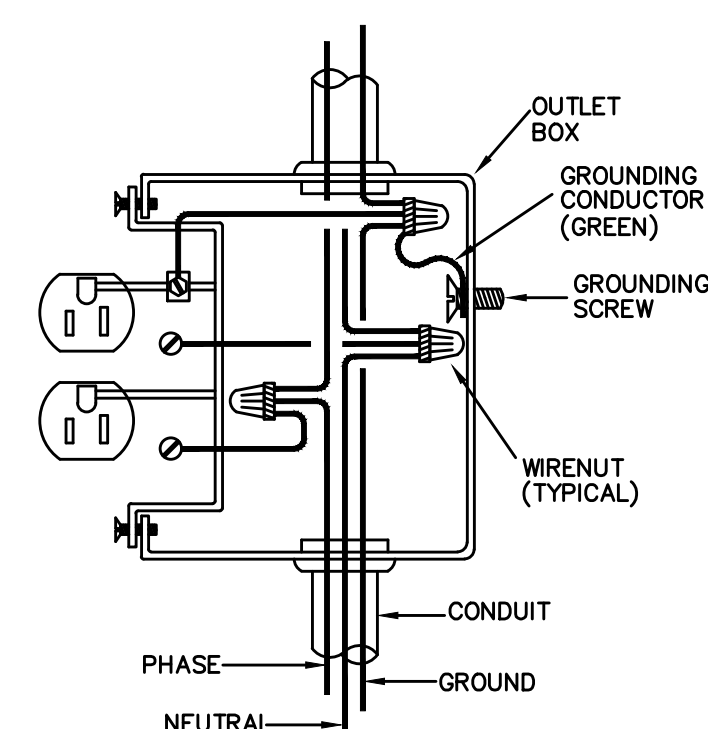
LIGHTING STANDARD DETAIL

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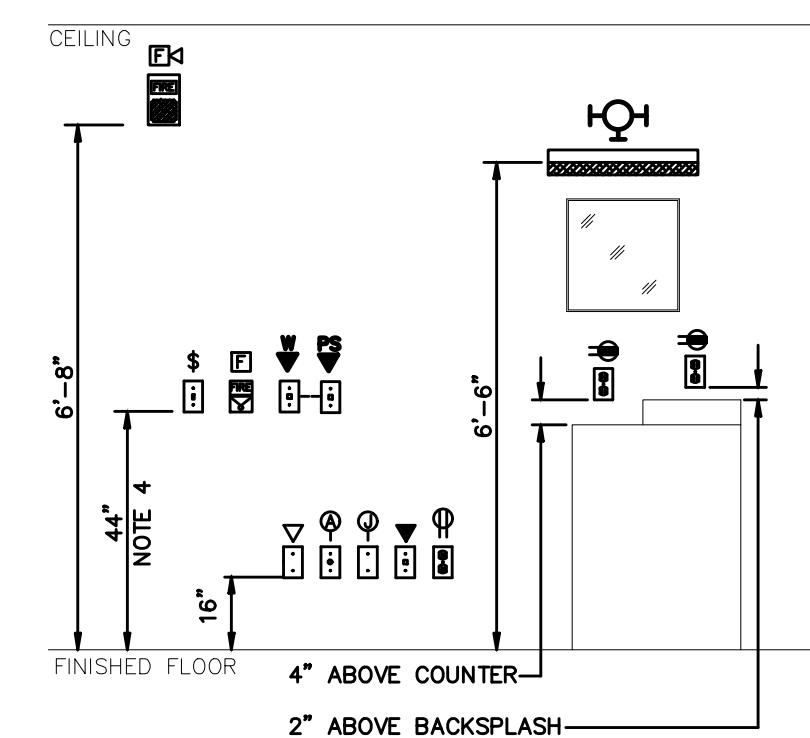
FIXTURE MARK: "PL"

DETAIL NOTES:

- 3500 PSI MINIMUM 28 DAY COMPRESSIVE STRENGTH CONCRETE WITH GRADE 60 RE-BARS.
- IF WATER IS PRESENT IN HOLE, REMOVE BEFORE POURING CONCRETE.
- FOUNDATION EXCAVATION SHALL BE BY 24" AUGAR IN UNDISTURBED OR PROPERLY COMPACTED FILL.
- MINIMUM ALLOWABLE SOIL BEARING PRESSURE 3000 PSF. NOTIFY ENGINEER IF BEARING PRESSURE IS LESS.
- AIR ENTRAINMENT: 4 TO 6%.
- PROVIDE PRECAST AS A PRE-APPROVED EQUAL.



RECEPTACLE INSTALLATION

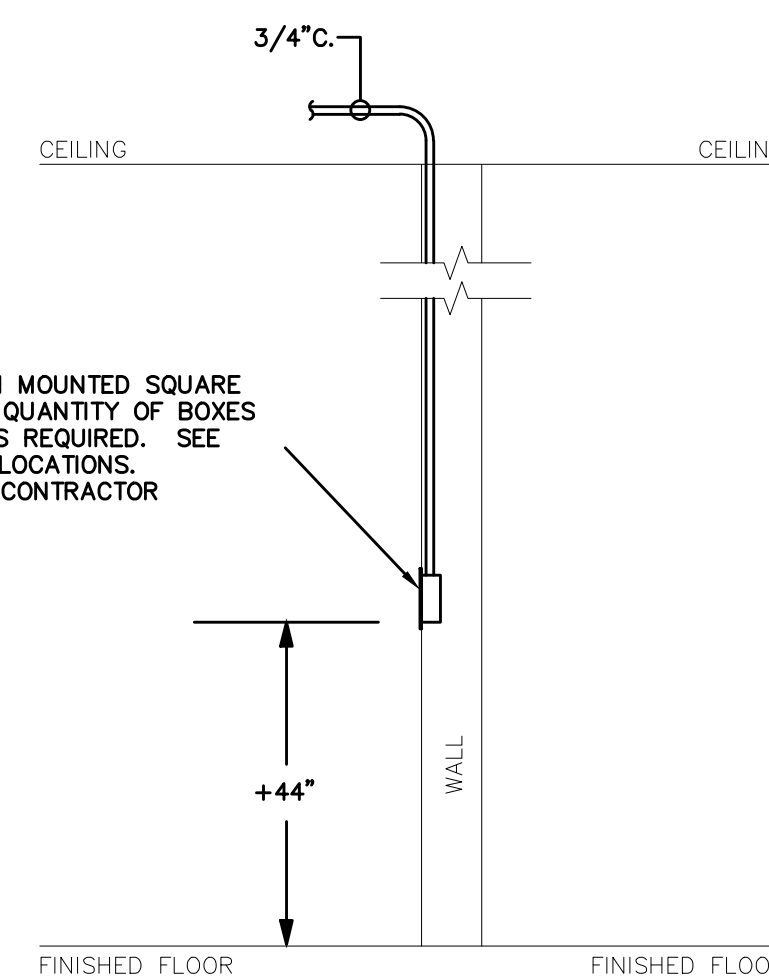


TYPICAL MOUNTING HEIGHTS

NOT TO SCALE

NOTES:

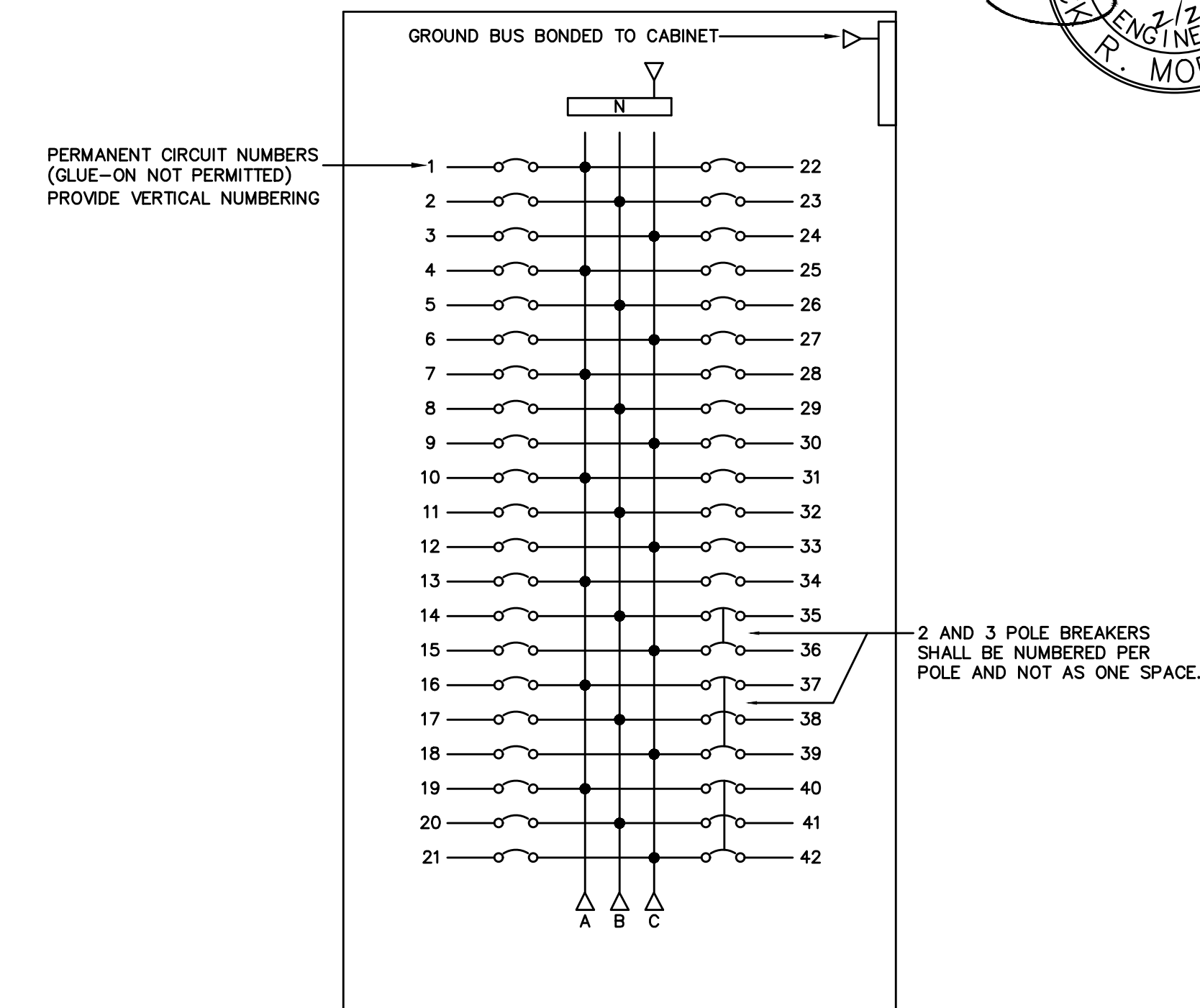
- INDICATED MOUNTING HEIGHTS ARE FROM FINISHED FLOOR TO BOTTOM OF OUTLET BOX, UNLESS OTHERWISE NOTED.
- REFER TO ARCHITECTURAL DETAILS FOR ADDITIONAL REQUIREMENTS.
- INSTALL OUTLETS THAT ARE IN CLOSE PROXIMITY ON THE SAME CENTERLINE.
- INDICATED DEVICES MOUNTED IN A BLOCK WALL SHALL BE 4'-0" TO TOP OF COVER PLATE.



MECHANICAL CONTROLS

NOT TO SCALE

SYMBOLS: ⊕

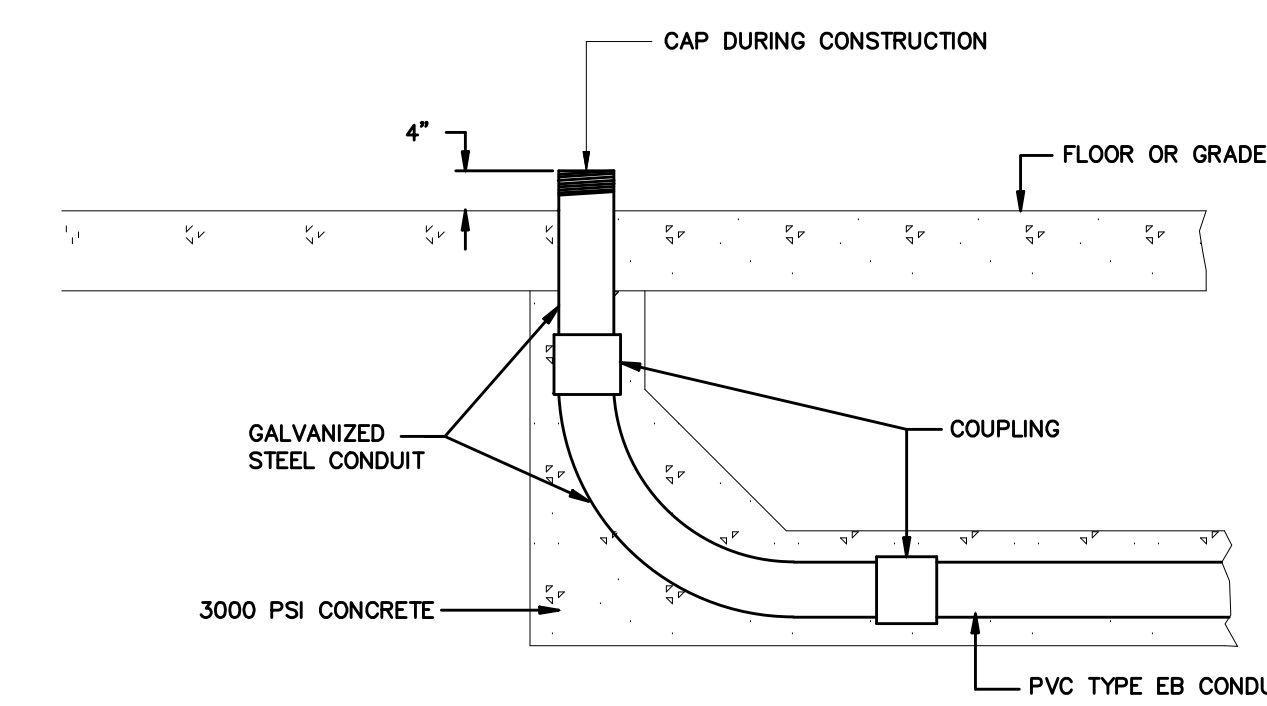


PANELBOARD NOTES

NOT TO SCALE

DETAIL NOTES:

- ARRANGE BREAKERS AS FOLLOWS: 1 POLE, LOW TO HIGH TRIP; 2 POLE, LOW TO HIGH TRIP; 3 POLE, LOW TO HIGH TRIP; SPARES THEN SPACE.
- ALL PANELS TO HAVE DOOR-IN-DOOR (HINGED TRIM) CONSTRUCTION.
- FOR SURFACE MOUNTED PANELS INSTALL ALL NAMEPLATES (PER DETAILS) USING MACHINE SCREWS. FOR FLUSH PANELS IN FINISHED SPACES, INSTALL NAMEPLATES TO INSIDE OF DOOR USING 2 PART EPOXY (12HR)
- FOR ALL FLUSH PANELS, FURNISH AND INSTALL 4EA. 1" EMPTY CONDUITS TO ABOVE NEAREST ACCESSIBLE CLG. LABELS AS SPARES AND PROVIDE REQD. FIRESTOP.
- ALL PANELS TO HAVE WELDED METAL DIRECTORY CARD HOLDERS.



CONDUIT FLOOR PENETRATION

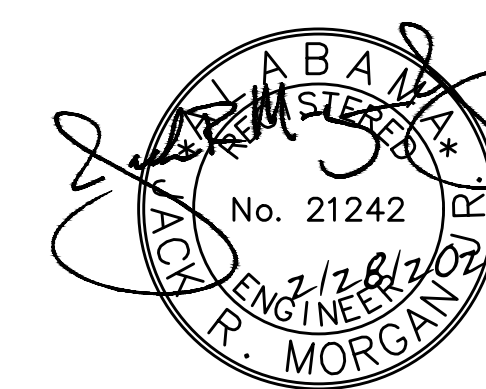
NOT TO SCALE

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A NEW CITY HALL
 and
 MUNICIPAL OFFICE FACILITY
 for the
 CITY OF CENTRE, ALABAMA
 350 E. MAIN STREET

ELECTRICAL
 DETAILS 1

DRAWN
 JRM
 CHECKED
 JRM
 SCALE
 AS NOTED
 DATE
 FEBRUARY 28, 2024
 FILE
 JOB NO.
 4904-24
 REVISIONS

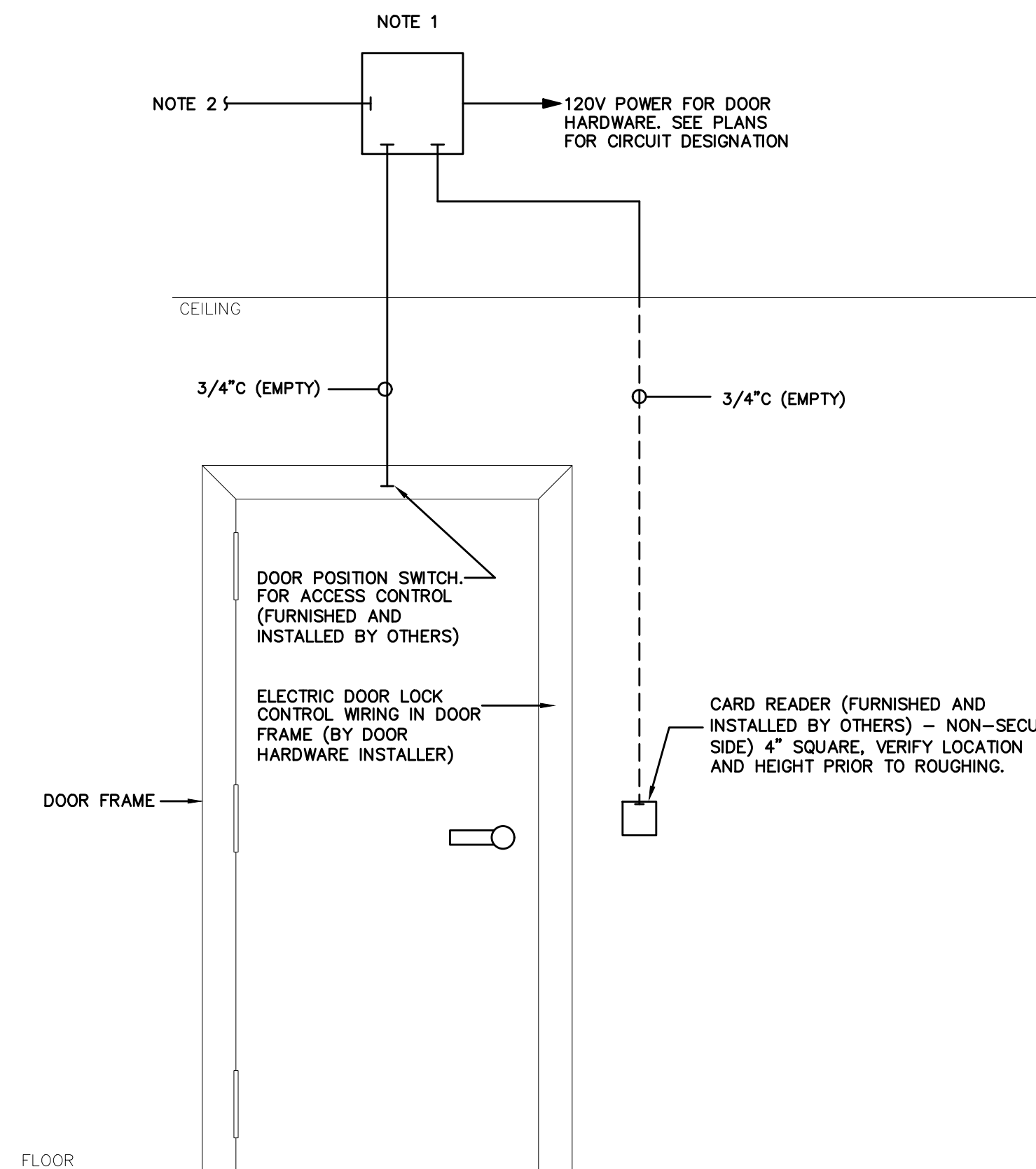


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A NEW CITY HALL
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AUXILIARY
 DETAILS 1

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GENERAL AUXILIARY NOTES THIS PROJECT:

GENERAL:

- A. CONTRACTOR SHALL COORDINATE EXACT LOCATION AND CABLE/ RACEWAY ROUTING FOR ALL NEW EQUIPMENT WITH OWNER AND ARCHITECT PRIOR TO ROUGHING.
- B. ALL RACEWAYS AND CABLING SHALL BE CONCEALED IN WALLS OR ABOVE CEILING WHERE POSSIBLE. WHERE COMPLETED FINISHES ARE DISTURBED, CONTRACTOR SHALL REPAIR/ REPLACE SURFACES TO MATCH ORIGINAL AT NO ADDITIONAL EXPENSE TO OWNER.
- C. ANY/ ALL EXPOSED RACEWAY/ CONDUIT (WHERE ALLOWED IN CEILING AREAS WITH EXPOSED STRUCTURE) SHALL BE PAINTED TO MATCH ADJACENT SURFACE.
- D. CONTRACTOR SHALL FURNISH AND INSTALL ALL BRACKETS, HARDWARE AND ENVIRONMENTALLY APPROPRIATE ENCLOSURES AS REQUIRED FOR ALL EQUIPMENT.
- E. CONTRACTOR SHALL REVIEW AND MAINTAIN ALL FIRE RATINGS.

TELECOM:

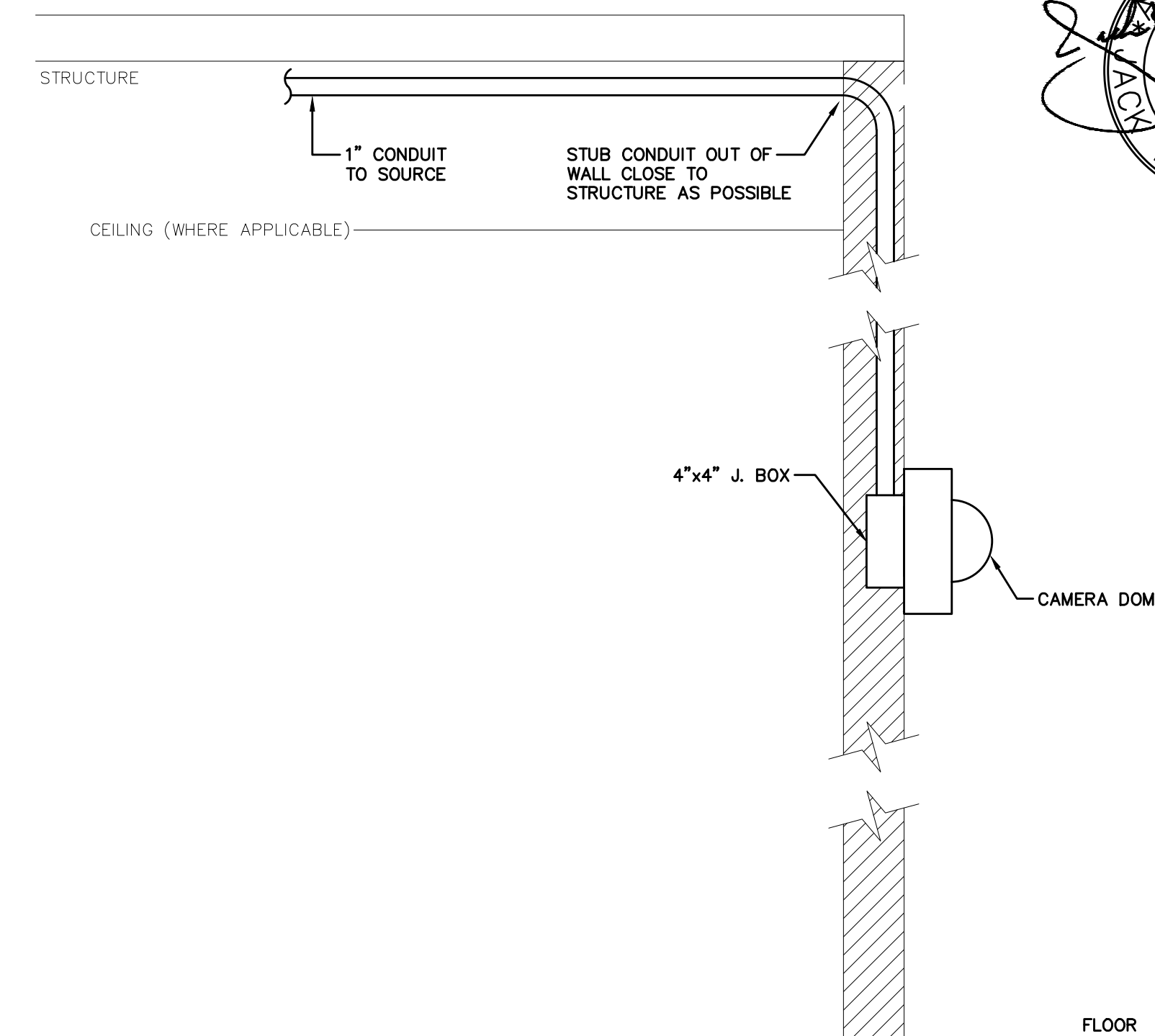
- A. DIVISION 26 90 00 CONTRACTOR SHALL FURNISH AND INSTALL ALL CATEGORY CABLING AND TERMINATIONS AS REQUIRED FOR VIDEO SURVEILLANCE CAMERAS.
- B. ALL WIRELESS ACCESS POINTS TO BE FURNISHED BY OWNER AND INSTALLED BY DIVISION 269000 CONTRACTOR.

DETAIL: SECURE DOORS

SCALE: NONE SYMBOLS CR

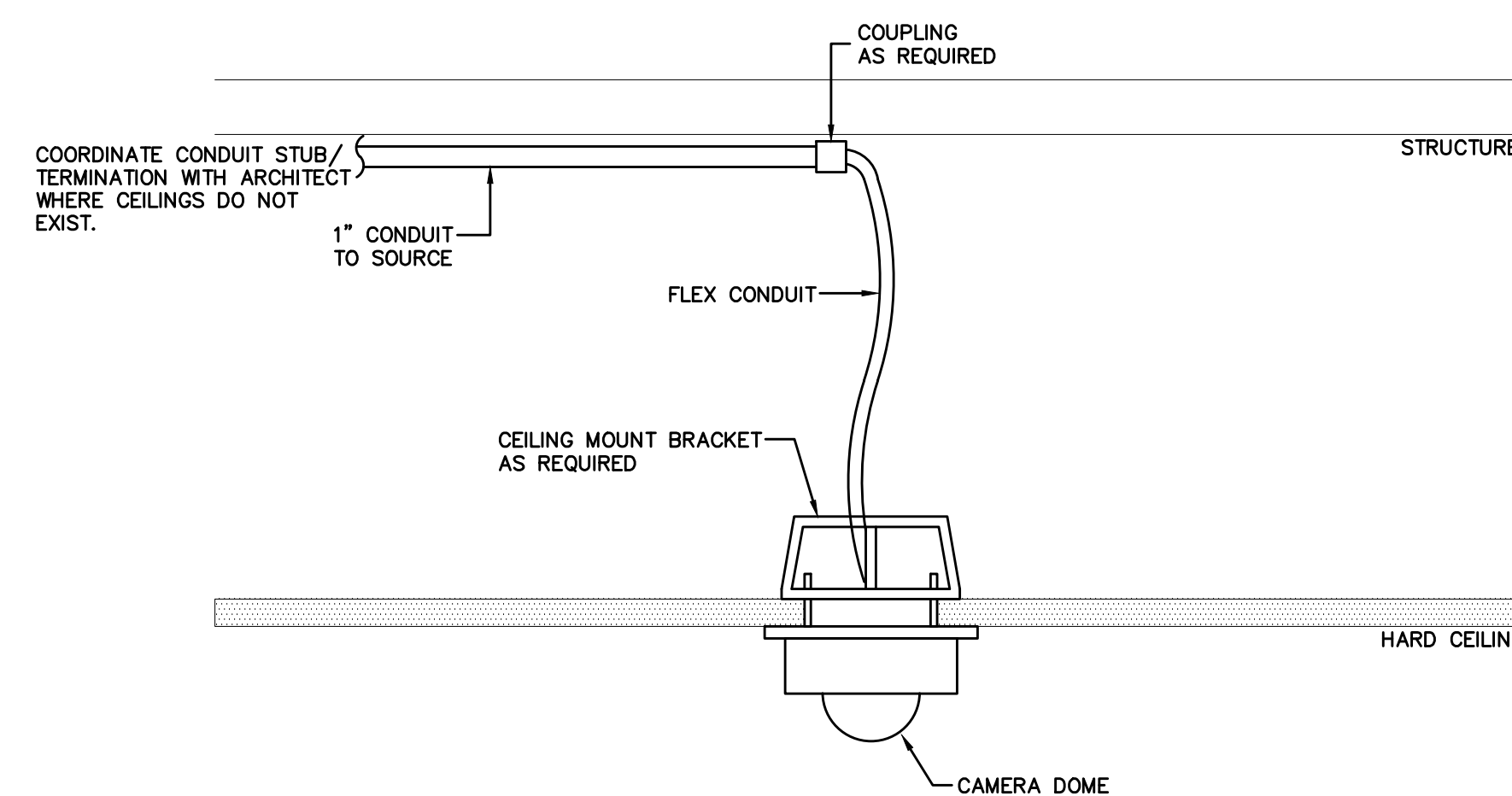
NOTES THIS DETAIL:

- 1. 8" SQUARE JUNCTION BOX SURFACE MOUNTED ABOVE NEAREST ACCESSIBLE CEILING WITH SCREW COVER FOR DOOR CONTROL/ CONTROL POWER TRANSFORMER.
- 2. PROVIDE AND INSTALL 1"Ø (WITH CABLING AS REQUIRED) FROM JUNCTION BOX IT/ ELEC 135 FOR CABLE INSTALLATION BY OTHERS.



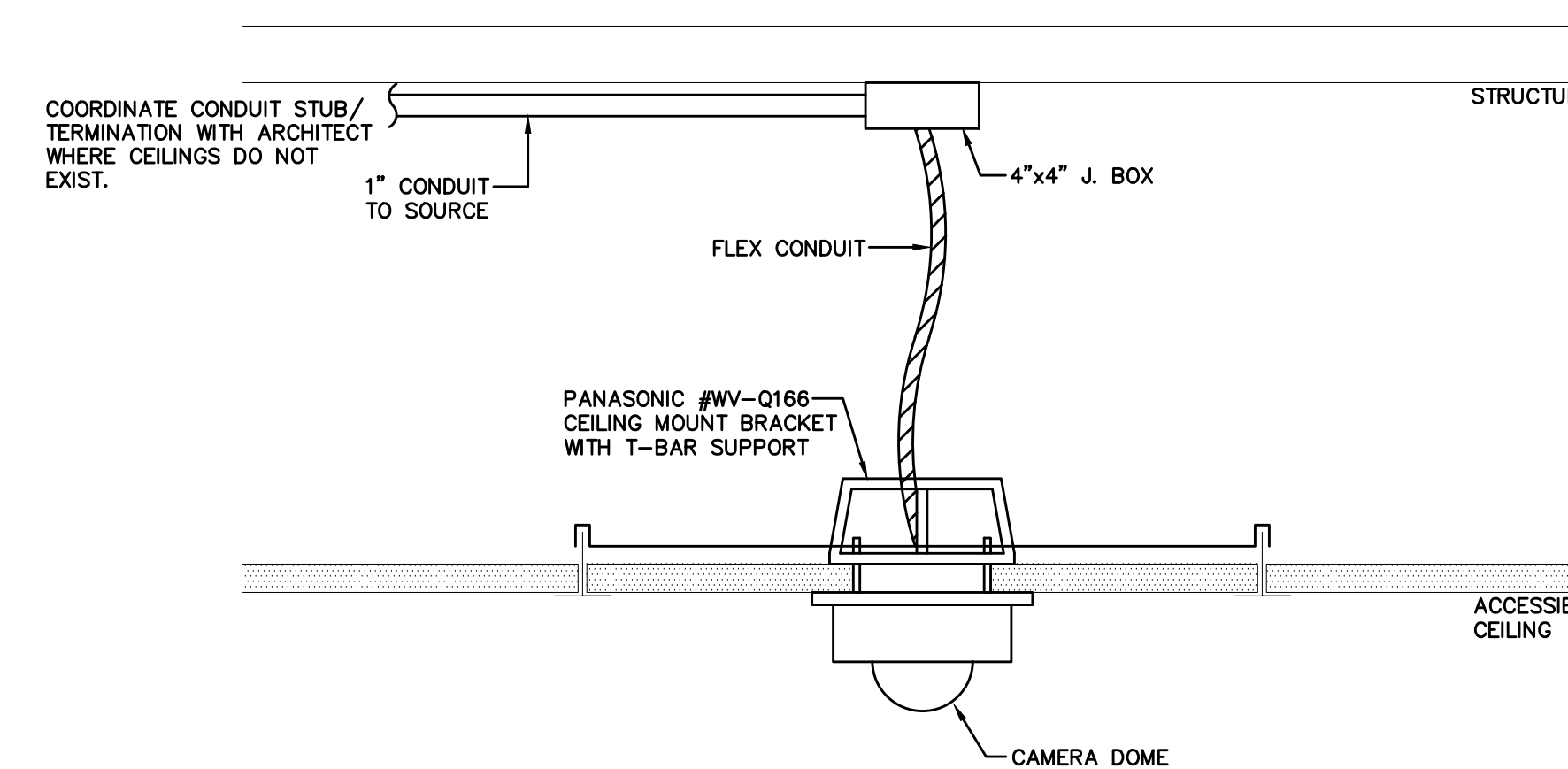
DETAIL: WALL MOUNTED CAMERA , EXTERIOR

NOT TO SCALE



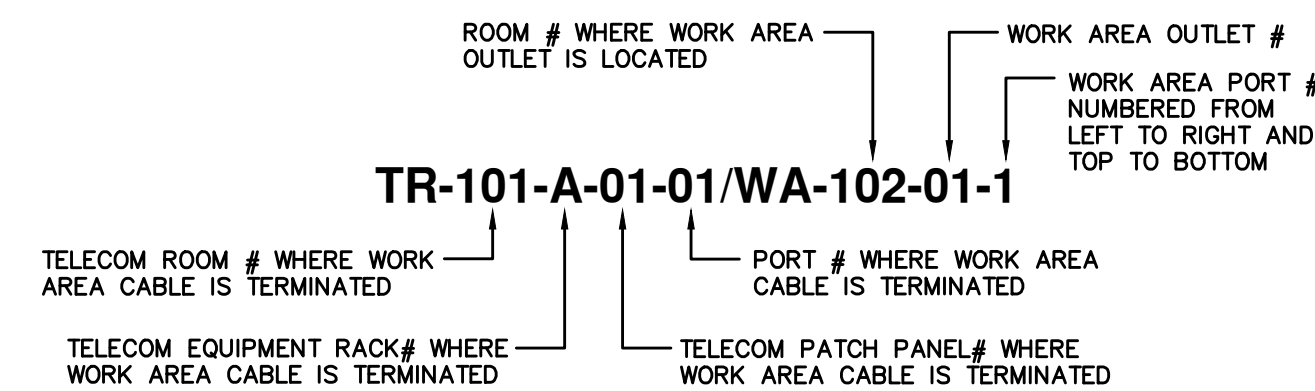
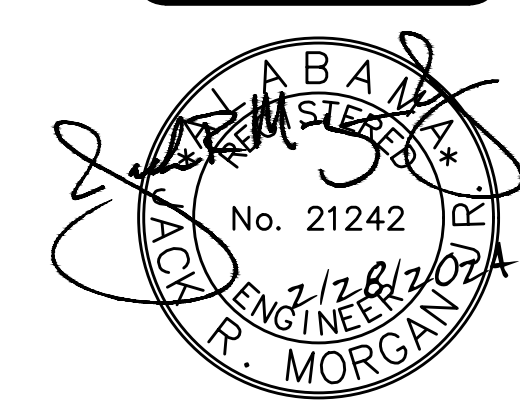
**DETAIL: CEILING MOUNTED CAMERA
 HARD CEILING**

NOT TO SCALE



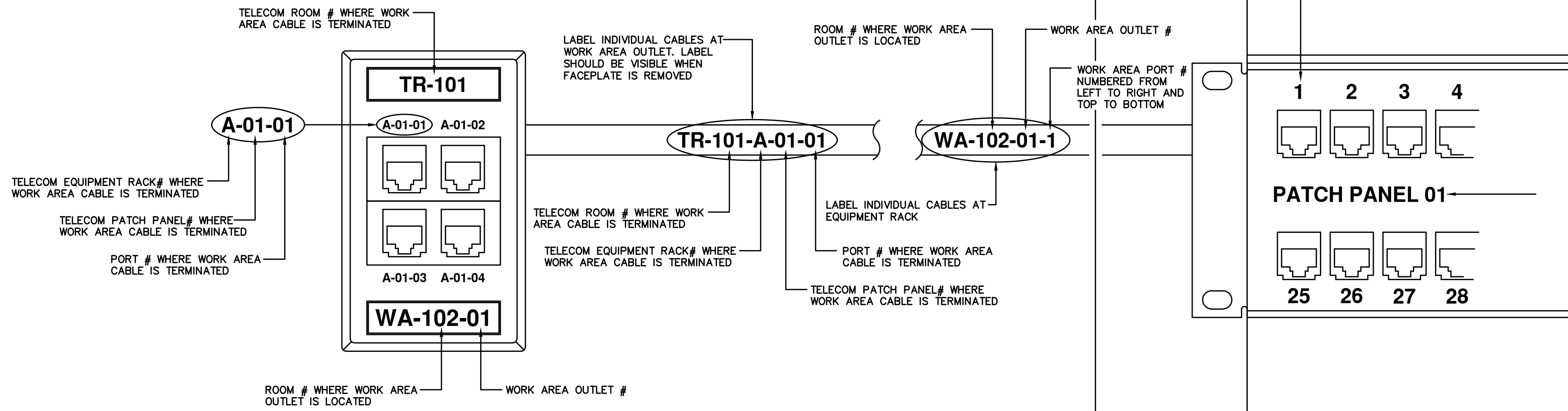
DETAIL: CEILING MOUNTED CAMERA - L.A.T.

NOT TO SCALE



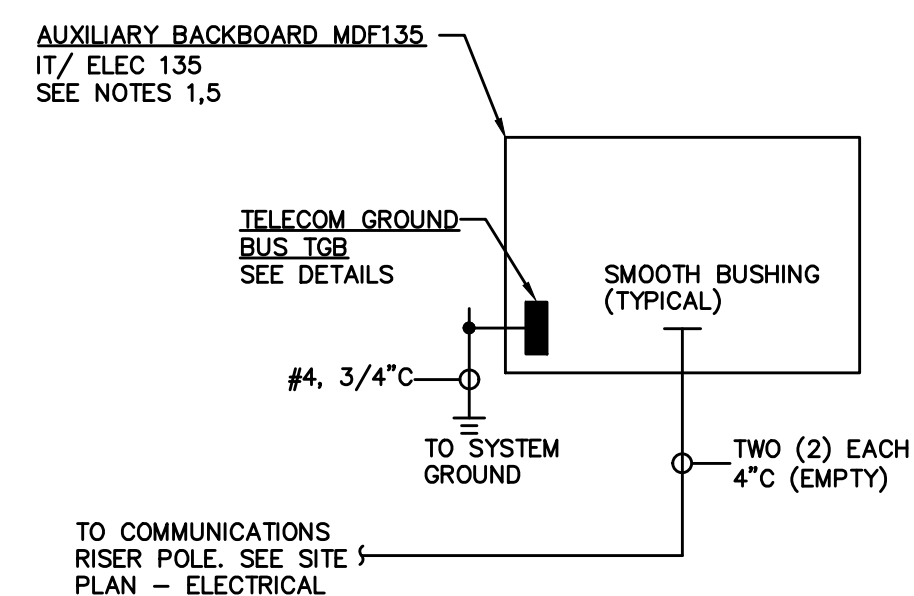
DETAIL: AUXILIARY LABELING
EVERY 50ft ON CENTER

NOT TO SCALE



DETAIL: AUXILIARY LABELING

NOT TO SCALE

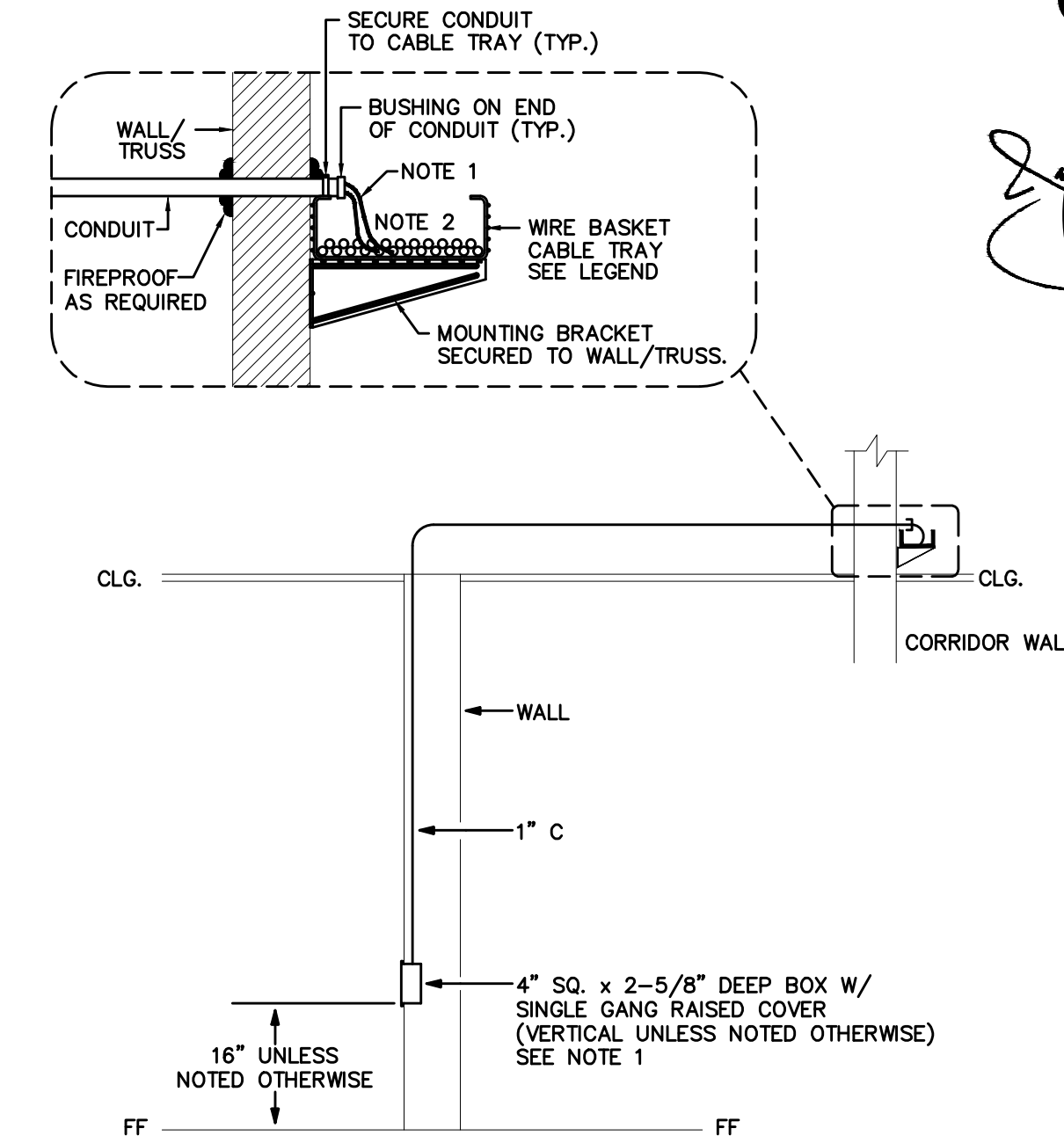


AUXILIARY RISER

SCALE: NOT TO SCALE

AUXILIARY RISER NOTES:

- AUXILIARY BACKBOARD SHALL BE APPROXIMATE SIZE SHOWN ON FLOOR PLAN, FLOOR-TO CEILING, 1/2" PLYWOOD PAINTED TWO COATS, BOTH SIDES WITH FUNGUS-PROOF PAINT. SEE FLOOR PLANS FOR BACKBOARD LOCATION. AT BACKBOARD, FURNISH AND INSTALL ALL EQUIPMENT AS LISTED BELOW/ REQUIRED:
 - 24 PORT PATCH PANEL SHALL BE LEVITON# 69586-U24 (24-PORT, CAT6 HIGH-DENSITY PATCH PANEL). PROVIDE QUANTITY AT EACH LOCATION AS REQUIRED FOR ALL HORIZONTAL DATA AND VOICE CABLE TERMINATIONS WITH ADDITIONAL SPACE FOR 10% FUTURE GROWTH. ALL DATA, VOICE AND SECURITY CABLES TO BE PATCHED TO SEPARATE PATCH PANELS.
 - 48 PORT PATCH PANEL SHALL BE LEVITON# 69586-U48 (48-PORT, CAT6 HIGH-DENSITY PATCH PANEL). PROVIDE QUANTITY AT EACH LOCATION AS REQUIRED FOR ALL HORIZONTAL DATA AND VOICE CABLE TERMINATIONS WITH ADDITIONAL SPACE FOR 10% FUTURE GROWTH. ALL DATA, VOICE AND SECURITY CABLES TO BE PATCHED TO SEPARATE PATCH PANELS.
 - 1 RACK UNIT HORIZONTAL CABLE MANAGER SHALL BE LEVITON# 491RU-HFR. PROVIDE QUANTITY AT EACH LOCATION AS REQUIRED FOR ALL HORIZONTAL DATA, VOICE AND SECURITY CABLE TERMINATIONS WITH ADDITIONAL SPACE FOR 10% FUTURE GROWTH. PROVIDE 1 RACK UNIT OF HORIZONTAL CABLE MANAGEMENT PER EACH 24 PATCH OR SWITCH PORTS (ABOVE OR BELOW ASSOCIATED PATCH PANEL/ SWITCH LOCATION).
 - 2 RACK UNIT HORIZONTAL CABLE MANAGER SHALL BE LEVITON# 492RU-HFR. PROVIDE QUANTITY AT EACH LOCATION AS REQUIRED FOR ALL HORIZONTAL DATA AND VOICE CABLE TERMINATIONS WITH ADDITIONAL SPACE FOR 10% FUTURE GROWTH. PROVIDE 1 RACK UNITS OF HORIZONTAL CABLE MANAGEMENT PER EACH 24 PATCH OR SWITCH PORTS (ABOVE OR BELOW ASSOCIATED PATCH PANEL/ SWITCH LOCATION).
 - BLANK FILLER PANEL SHALL BE LEVITON# 49254-BP2, 2 RU./ 49254-BP1, 1 RU. PROVIDE QUANTITY AS REQUIRED FOR ALL BLANK SPACES IN CABINET.
 - RACK GROUNDING KIT SHALL BE GREAT LAKES# GR101. PROVIDE 1 PER CABINET AND CONNECT TO TELECOM GROUND BAR.
 - AT EACH CABINET PROVIDE, AT A MINIMUM, THE FOLLOWING ACCESSORIES: COLOR CODED CABLE MANAGEMENT STRAPS (TO COORDINATE COLOR SCHEME WITH OWNER PRIOR TO ORDERING), 24" TUBULAR RUNWAY FOR ALL HORIZONTAL AND BACKBONE ENTRIES INTO RACK, 2 EACH VERTICAL POWER STRIPS (20AMP, 12 POSITION, WITH AMP METER - NO SWITCH), EQUIPMENT GROUND ASSEMBLY, LADDER RACK SUPPORT, LEVELERS AND KEYBOARD SHELF
 - FURNISH AND INSTALL 110 BLOCKS AS REQUIRED FOR COPPER BACKBONE TERMINATION.
 - FURNISH AND INSTALL TWO (2) EACH 4" C EMPTY.



DETAIL: AUXILIARY OUTLET

NOT TO SCALE

AUXILIARY OUTLET DETAIL NOTES

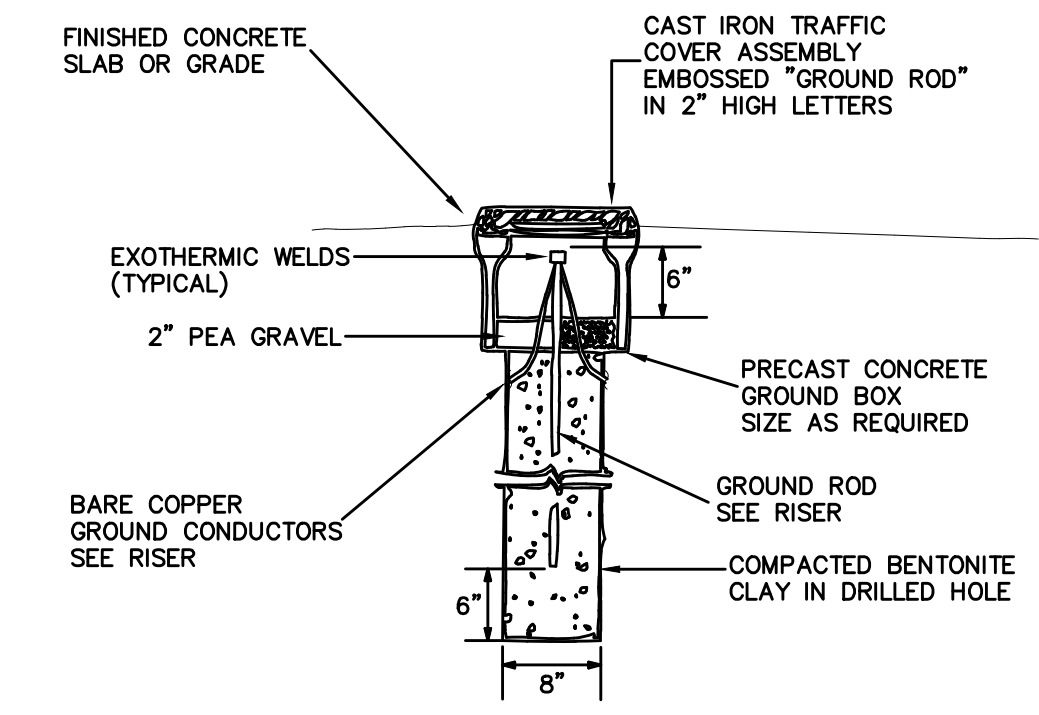
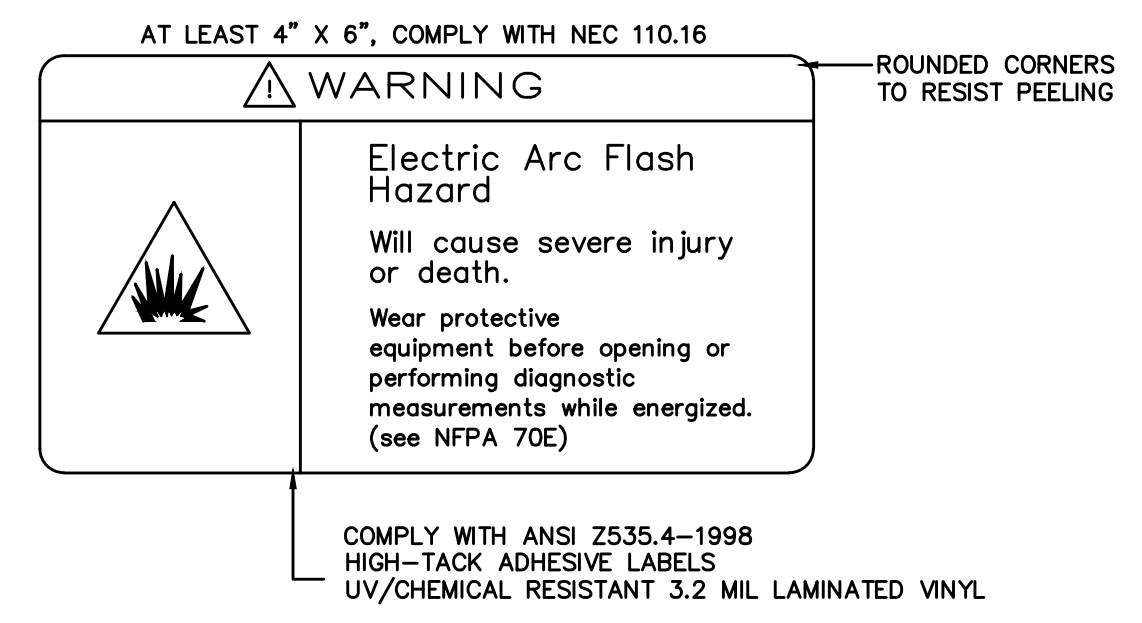
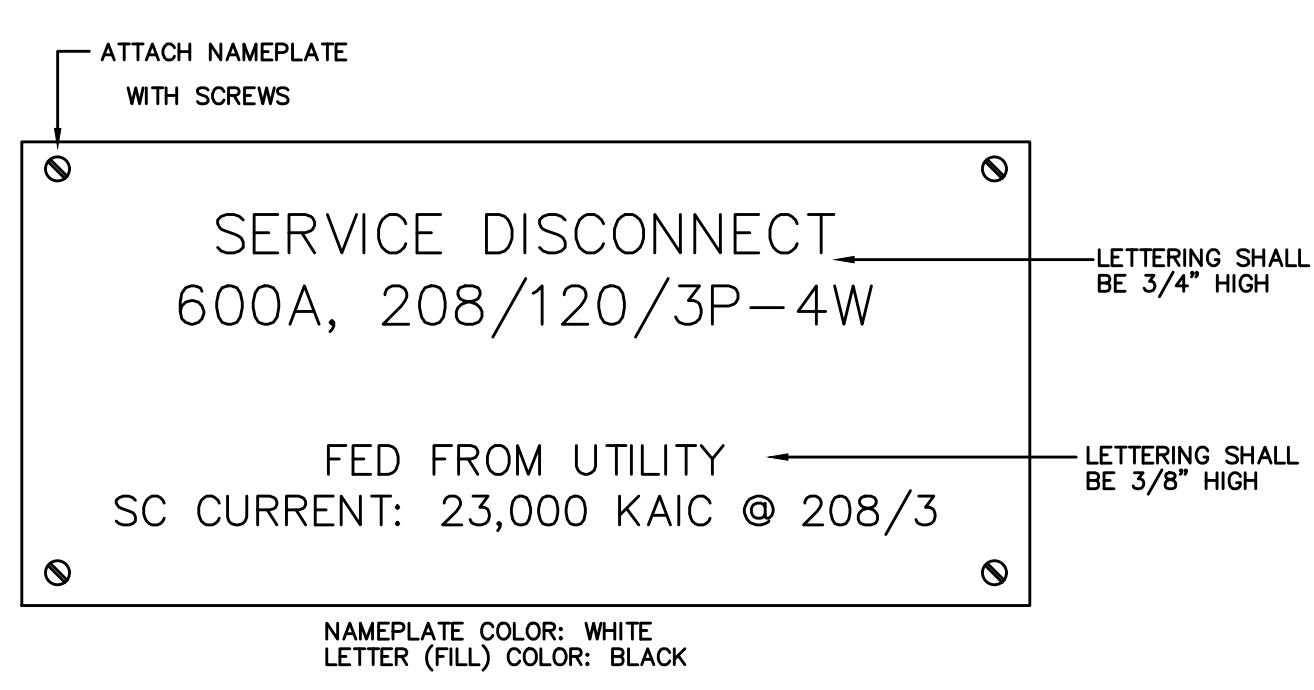
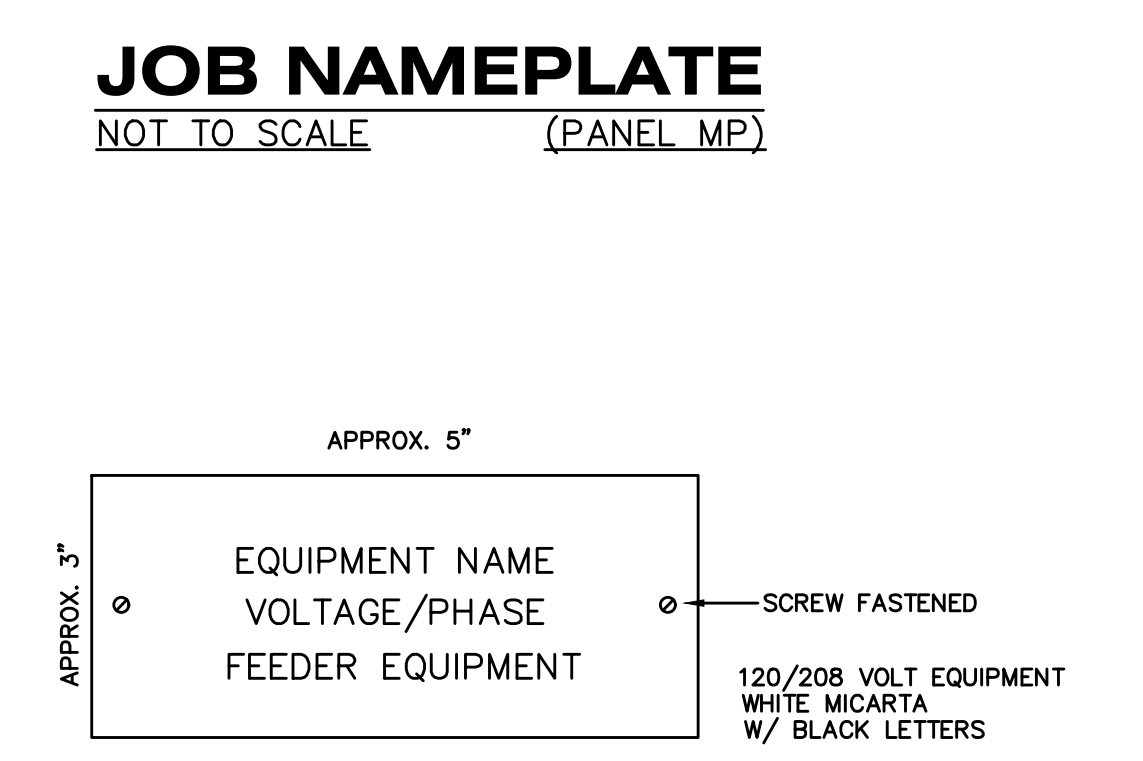
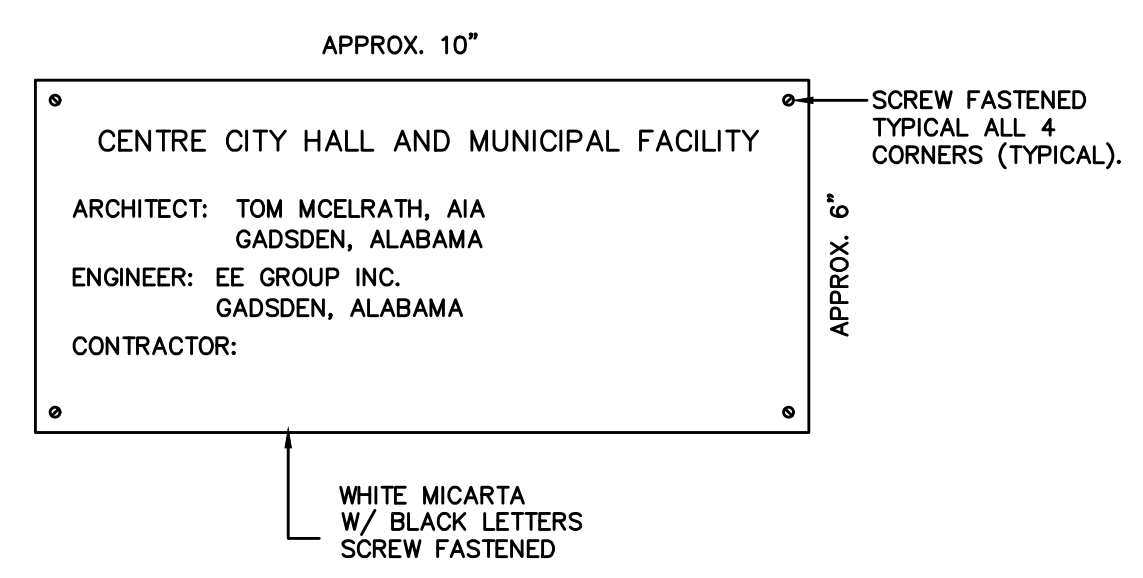
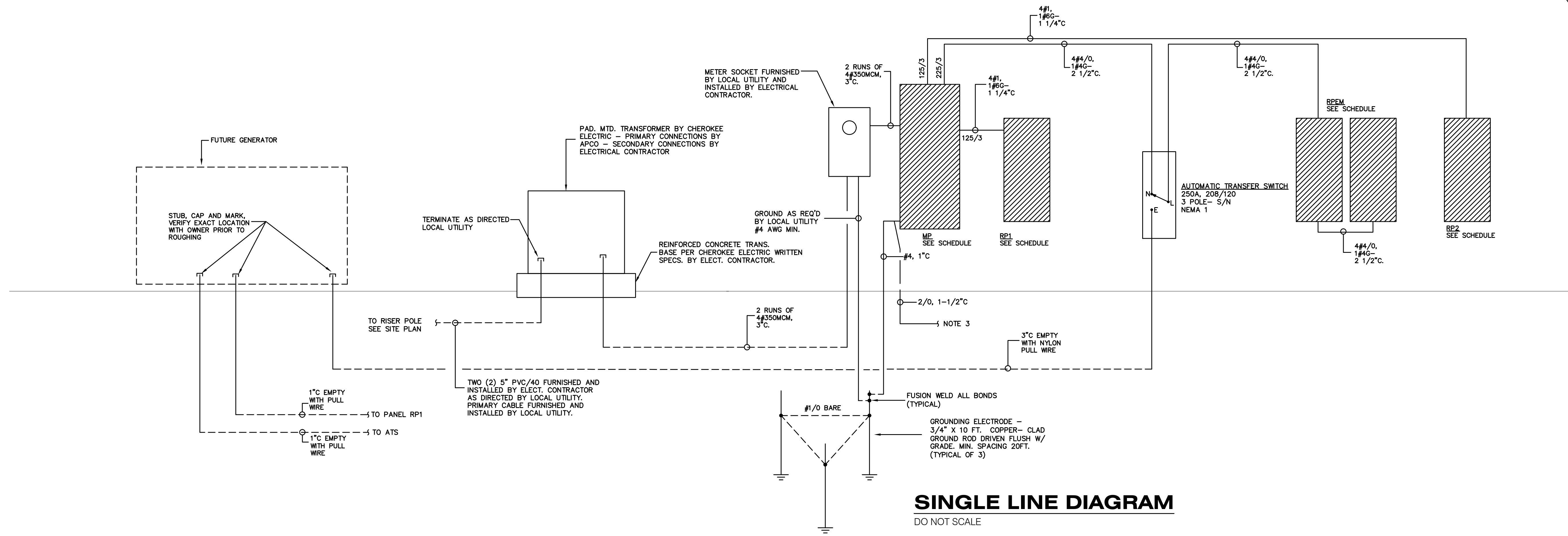
- ROUTE ALL AUXILIARY CONDUITS TO NEAREST CABLE TRAY (SEE PLANS FOR CABLE TRAY LOCATIONS)/ AUXILIARY BACKBOARD AND TERMINATE WITH SMOOTH BUSHING. LABEL ALL CONDUITS PER SPECIFICATIONS. PROVIDE PULL WIRE IN ALL CONDUITS.
- ALL DATA/ VOICE CABLES SHALL BE ROUTED TO IT/ ELEC 135 VIA CONDUIT/ CONDUIT SLEEVES/ CABLE TRAY AND TERMINATED AS DIRECTED BY OWNER. ALL DATA/ VOICE CABLES, BOTH ENDS, SHALL BE LABELED PER DETAIL AND TERMINATED PER SPECS/ AS DIRECTED BY OWNER.
- AUXILIARY OUTLETS SHALL BE MOUNTED AT +16" ABOVE FINISHED FLOOR (UNLESS SHOWN OTHERWISE) AND SHALL BE CONFIGURED AS FOLLOWS WITH DEVICE, PLATE AND ICON COLORS AS DIRECTED BY ARCHITECT.
 - LAN OUTLET - FLUSH MOUNTED IN 4" SQUARE BOX WITH SINGLE GANG RAISED COVER. FURNISH AND INSTALL TWO (2) EACH CAT6 CONNECTORS (LEVITON# 61110-R*6), ONE EACH FACEPLATE (LEVITON# 43080-1L* WITH PORT CAPACITY AS REQUIRED TO PROVIDE ONE FUTURE PORT) WITH ONE EACH BLANK (LEVITON# 41084-B*B). FURNISH AND INSTALL TWO (2) EACH CAT6 PLENUM RATED CABLES (BERK-TEK LANMARK 6) FROM OUTLET TO SPECIFIED BACKBOARD (SEE DETAIL NOTE 2) VIA CONDUIT, J-HOOKS, SLEEVES AND/ OR CABLE TRAY. ALL CABLES SHALL BE TERMINATED, BOTH ENDS, AS DIRECTED BY OWNER.
 - DATA OUTLET FOR WIRELESS ACCESS POINT - FLUSH MOUNTED IN 4" SQUARE BOX WITH SINGLE GANG RAISED COVER MOUNTED ABOVE ACCESSIBLE CEILING. FURNISH AND INSTALL TWO (2) EACH CAT6 CONNECTORS (LEVITON# 61110-R*6), ONE EACH FACEPLATE (LEVITON# 43080-1L* WITH PORT CAPACITY AS REQUIRED TO PROVIDE ONE FUTURE PORT) WITH ONE EACH BLANK (LEVITON# 41084-B*B). FURNISH AND INSTALL TWO (2) EACH CAT6 PLENUM RATED CABLES (BERK-TEK SST UTP PLENUM CATEGORY 6A) FROM OUTLET TO SPECIFIED BACKBOARD (SEE DETAIL NOTE 2) VIA CONDUIT, J-HOOKS, SLEEVES AND/ OR CABLE TRAY. ALL CABLES SHALL BE TERMINATED, BOTH ENDS, AS DIRECTED BY OWNER.
 - TV OUTLET - FLUSH MOUNTED IN 4" SQUARE BOX WITH SINGLE GANG RAISED COVER. FURNISH AND INSTALL TWO (2) EACH CAT6 CONNECTORS (LEVITON# 61110-R*6) AND ONE (1) EACH "F" CONNECTOR (LEVITON# 41084), ONE EACH FACEPLATE (LEVITON# 43080-1L* WITH PORT CAPACITY AS REQUIRED TO PROVIDE ONE FUTURE PORT) WITH ONE EACH BLANK (LEVITON# 41084-B*B). FURNISH AND INSTALL TWO (2) EACH CAT6 PLENUM RATED CABLES (BERK-TEK LANMARK 6) AND ONE (1) EACH COAXIAL CABLE (BELDEN# 7916) FROM OUTLET TO SPECIFIED BACKBOARD (SEE DETAIL NOTE 2) VIA CONDUIT, SLEEVES AND/ OR CABLE TRAY. CAT6 CABLES SHALL BE TERMINATED, BOTH ENDS, AS DIRECTED BY OWNER. RG6 CABLE TO BE PITTAILED WITH 10FT SERVICE LOOP IN IT/ ELEC 135 FOR CONNECTION BY OTHERS.

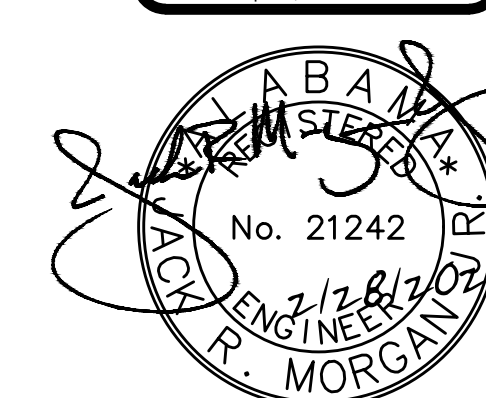
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AUXILIARY DETAILS 2

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FLOOR PLAN LIGHTING

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LIGHTING CONTROL SYSTEMS LEGEND

- P2\$ WALL MOUNTED TWO BUTTON DIGITAL SWITCH, ON/OFF, FOR CONNECTION TO MOTION SENSORS. PROVIDE WALL BOX ADAPTER OPTION
 LUTRON MODEL NO. PJ2-2B
 OR APPROVED EQUAL
- P3\$ WALL MOUNTED FOUR BUTTON DIGITAL SWITCH, ON/OFF, RAISE LOWER, FOR CONNECTION TO MOTION SENSORS. PROVIDE WALL BOX ADAPTER OPTION
 LUTRON MODEL NO. PJ2-3BRL
 OR APPROVED EQUAL
- *"a", "b", ETC. INDICATES SWITCHED ZONES. SEE PLANS FOR REQUIRED CONTROLS AND CONTROL DEVICES.
- DT\$ WALL MOUNTED OCCUPANCY SINGLE POLE SWITCH, ON/OFF, RAISE LOWER, 0-10V DIMMING, 8A MAX INPUT LED, 120/277V;
 LUTRON MODEL NO. MS-Z101-XX
 OR APPROVED EQUAL
- OS CEILING MOUNTED MULTI-TECHNOLOGY OCCUPANCY SENSOR, 360° COVERAGE, LOW VOLTAGE. COORDINATE WITH ARCHITECTURAL DRAWINGS ON CEILING TYPES.
 LUTRON MODEL NO. LRF2-OCR2B-P-WH
 OR APPROVED EQUAL
- PD POWER PACK WITH 0-10V DIMMING, MOUNT ABOVE CEILING WHERE APPLICABLE, 120-277V, 8A OF LIGHTING LOAD PER POWER PACK. PROVIDE NUMBER OF POWER PACKS PER MANUFACTURERS RECOMMENDATIONS.
 LUTRON MODEL NO. RMJS-8T-DV-B
 OR APPROVED EQUAL
- PF POWER PACK WITH NO DIMMING, MOUNT ABOVE CEILING WHERE APPLICABLE, 120-277V, 16A OF LIGHTING LOAD PER POWER PACK. PROVIDE NUMBER OF POWER PACKS PER MANUFACTURERS RECOMMENDATIONS.
 LUTRON MODEL NO. RMJS-16R-DV-B
 OR APPROVED EQUAL

LIGHTING CONTROL NOTES

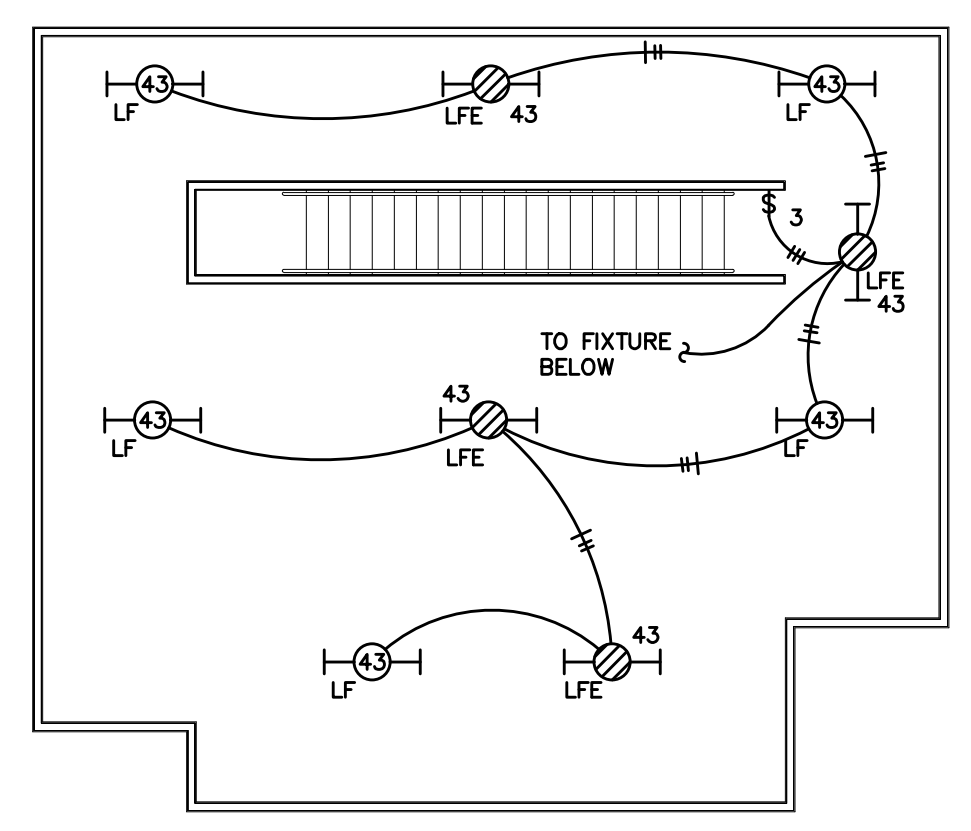
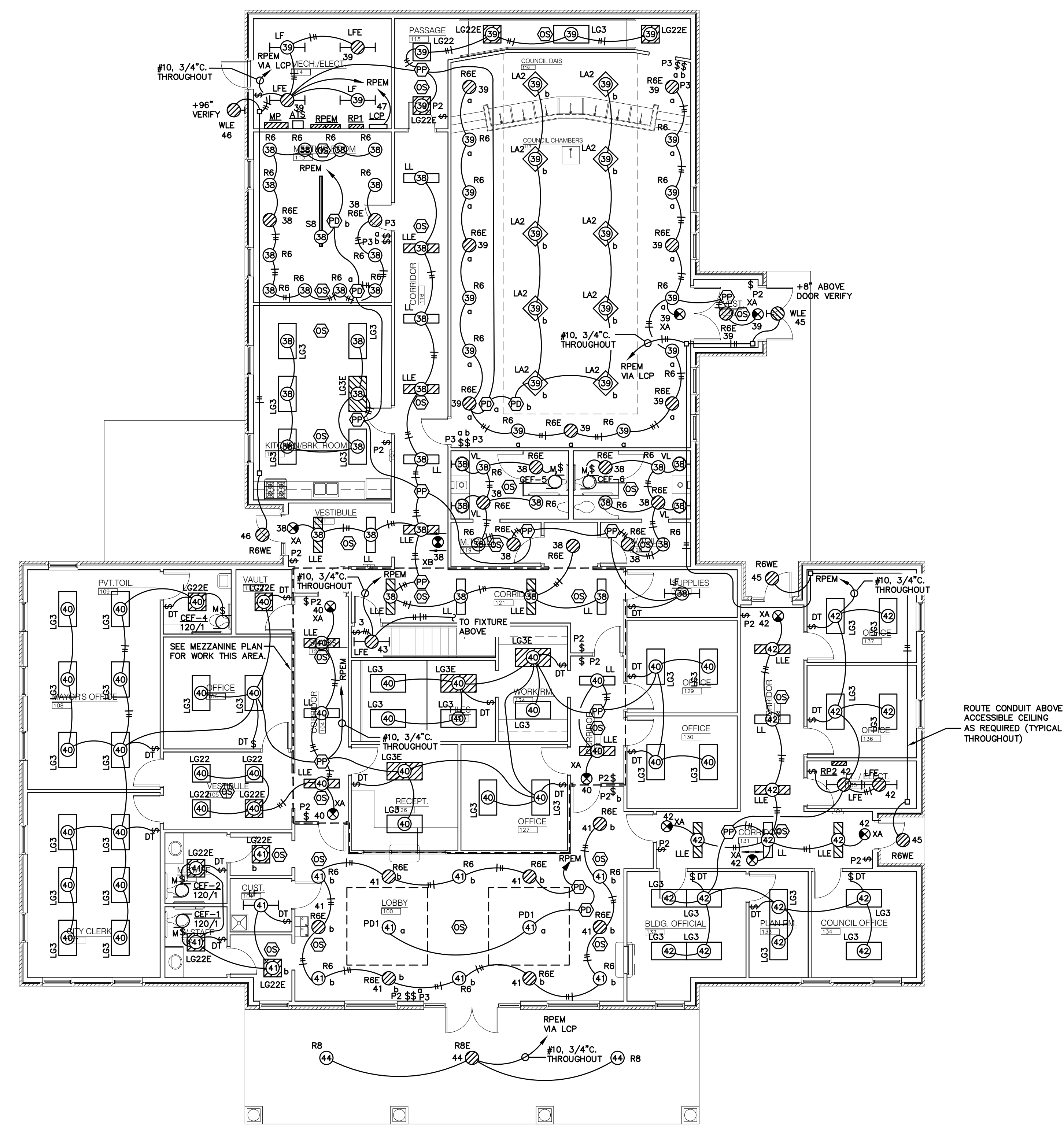
- ALL SENSOR LOCATIONS ARE APPROXIMATE. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION.
- ULTRASONIC CEILING MOUNT SENSORS SHOULD BE LOCATED A MINIMUM OF SIX (6) FEET FROM HVAC SUPPLY/RETURN VENTS.
- FIELD VERIFY PROPER SENSITIVITY AND TIME DELAY SETTINGS FOR NON-ADAPTIVE PRODUCTS, FOLLOWING THE MANUFACTURER'S RECOMMENDED PLACEMENT, AND FIELD VERIFICATION OF CIRCUITS WITH RESPECT TO POWER PACK PLACEMENT.
- CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF REQUIRED NUMBER OF POWER PACKS:
 - A MINIMUM OF ONE POWER PACK IS REQUIRED FOR EACH CONTROLLED CIRCUIT/ZONE (SEE PLANS).
 - EACH POWER PACK CAN SUPPLY UP TO 150mA. REFER TO INSTALLATION GUIDE FOR MAXIMUM NUMBER OR SENSORS CONNECTED TO POWER PACK.
 - IF MULTIPLE CIRCUITS ARE TO BE CONTROLLED BY A SINGLE SENSOR, AUXILIARY RELAYS MAY BE USED IN CONJUNCTION WITH A POWER PACK.
- SENSORS MOUNTED OVER DOORWAYS SHOULD BE PLACED ONE (1) FOOT INSIDE THRESHOLD. THE LIGHTING CONTROL SYSTEM IS DESIGNED AROUND LUTRON LIGHTING CONTROLS AND ALL PRE-APPROVED EQUAL MANUFACTURERS SHALL PROVIDE SITE SPECIFIC INSTALLATION DRAWINGS, CUT SHEETS AND WIRING DIAGRAMS WITH PRE-APPROVAL REQUEST. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEVIATIONS FROM THE SYSTEM IN THE CONTRACT DOCUMENTS. TO DAY PRIOR APPROVAL ON ALL ALTERNATE MANUFACTURERS IS REQUIRED.
- THE LIGHTING CONTROL SYSTEM MANUFACTURER SHALL PROVIDE SHOP DRAWINGS AND FACTORY STARTUP.
- LIGHTING CONTROL MANUFACTURER SHALL INCLUDE IN SUBMITTAL PACKAGE A CONTROL BLOCK DIAGRAM, SPECIFIC SENSOR MOUNTING LOCATIONS, AND CONTROL WIRING CONFIGURATION AS REQUIRED FOR A FULLY FUNCTIONING SYSTEM AS INDICATED ON THE DRAWINGS.
- ALL LIGHTING FIXTURES CONNECTED TO EMERGENCY POWER SHALL HAVE A UL924 DEVICE. FIXTURES CONNECTED TO EMERGENCY POWER SHALL FUNCTION SUCH THAT THE FIXTURE WILL TURN ON AT FULL LUMEN OUTPUT DURING THE EVENT OF LOSS OF POWER FOR A MINIMUM OF 120 MINUTES.
- "WC" ON DEVICES INDICATES WIRE GUARD. WIRE GUARD TO BE PROVIDED BY MANUFACTURER AND NOT BY A THIRD PARTY REPRESENTATIVE.

"LCP"

LIGHTING CONTROL PANEL SCHEDULE						
PANEL NAME: LCP			LOCATION: MECH/ELECT 114			
MOUNTING: SURFACE			PANEL TYPE: SEE NOTES			
CONTROL PANEL VOLTAGE: 120V			REMARKS:			
RELAY NO.	VERRIDE SWITCH	PANEL/ZONE	LOAD V.	RELAY AMPS	RELAY CONTROLS	ZONE DESCRIPTION
1		RP2#44	120V	20	THE BLOCK ON/OFF PHOTOCELL	EXTERIOR LIGHTING
2		RP2#45	120V	20	THE BLOCK ON/OFF PHOTOCELL	EXTERIOR SIGNAGE
3		RP2#46	120V	20	THE BLOCK ON/OFF PHOTOCELL	EXTERIOR LIGHTING
4		RP2#16	120V	20	THE BLOCK ON/OFF PHOTOCELL	EXTERIOR LIGHTING
5		RP1#12	120V	20	THE BLOCK ON/OFF PHOTOCELL	EXTERIOR LIGHTING
6		RP2#18	120V	20	THE BLOCK ON/OFF PHOTOCELL	FLAG POLE LIGHTING
7			120V	20		SITE LIGHTING
8			120V	20		SITE LIGHTING

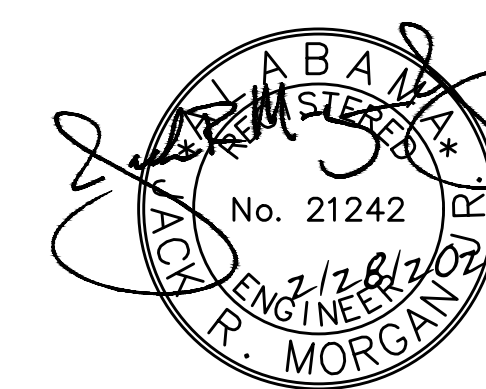
SURFACE MOUNTED LIGHTING CONTROL PANEL, 16 RELAY, SINGLE/DOUBLE POLE CAPACITY, NEMA 1 ENCLOSURE, DIGITAL ASTRONOMICAL TIME CLOCK WITH MODEM AND DEDICATED PHOTOCELL, DUAL VOLTAGE TRANSFORMER WITH 2 VOLTAGE BARRIERS. REFER TO SCHEDULE FOR NUMBER AND TYPE OF RELAYS. ILC LIGHTING CONTROL NO. LL-08. SEE PLANS.

** COORDINATE WITH OWNER TIMELOCK PROGRAMMING FOR ALL EXTERIOR LUMINAIRES.
 ** MOUNT PHOTO CELL AS HIGH AS POSSIBLE ON BUILDING EXTERIOR ON NORTH SIDE OF BUILDING.



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

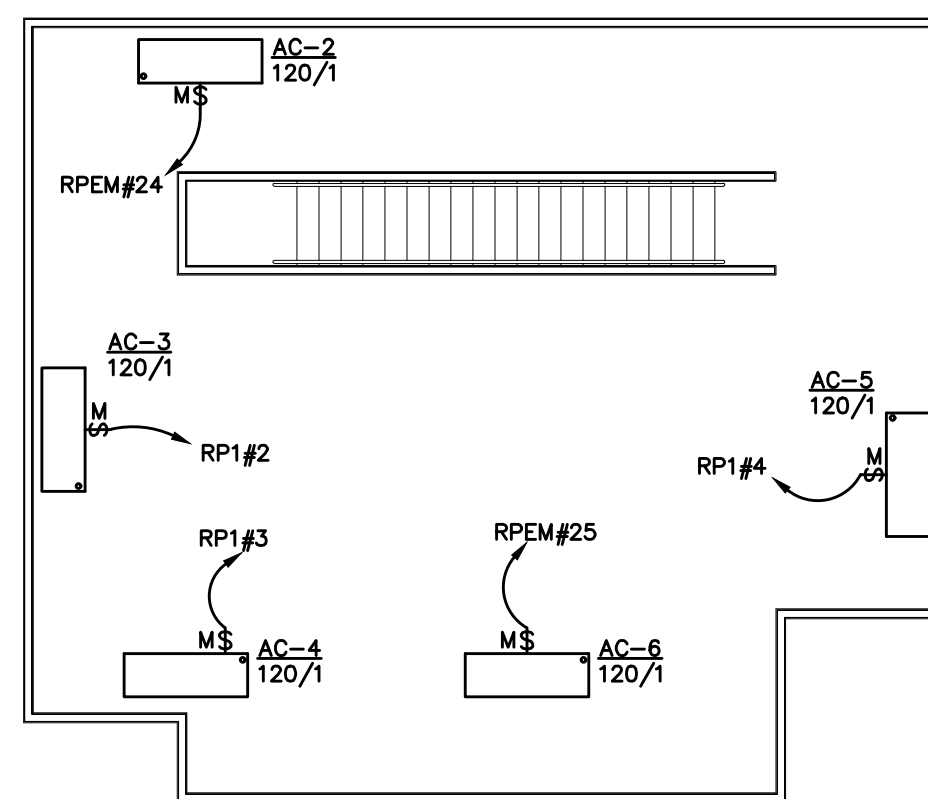
FLOOR PLAN - LIGHTING
 SCALE: 1/8" = 1'-0"



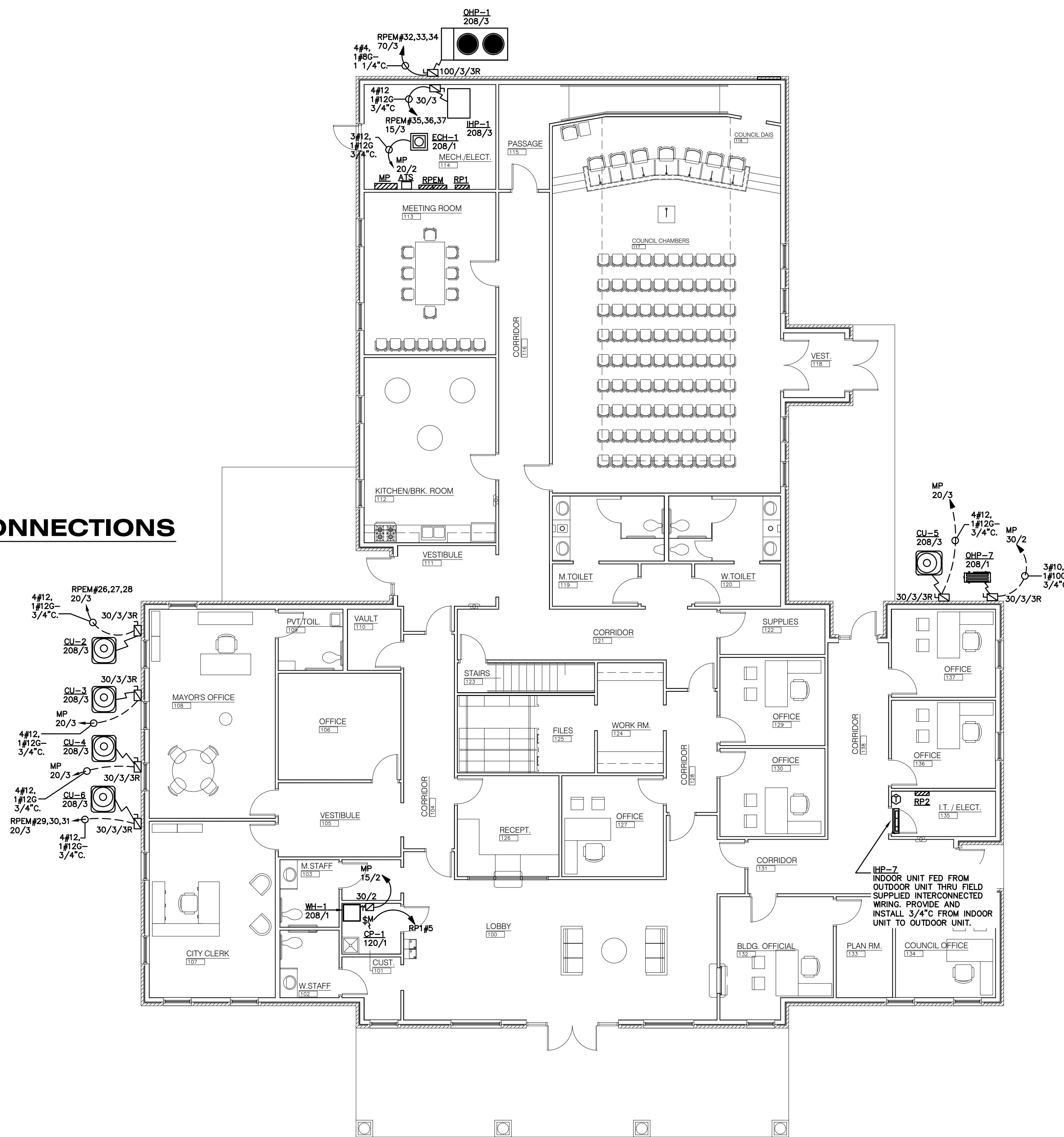
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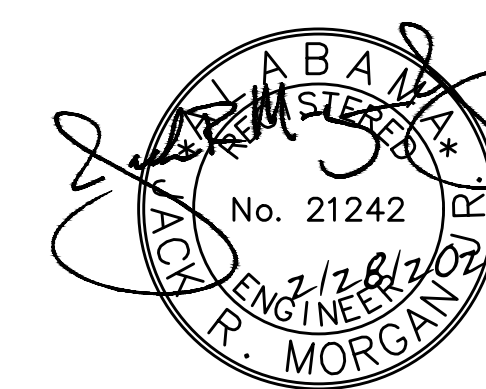
FLOOR PLAN
M & P
EQUIPMENT
CONNECTIONS
DRAWN JRM
CHECKED JRM
SCALE AS NOTED
DATE FEBRUARY 28, 2024
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MEZZANINE PLAN - M & P EQUIPMENT CONNECTIONS
 SCALE: 1/8" = 1'-0"



FLOOR PLAN - M & P EQUIPMENT CONNECTIONS
 SCALE: 1/8" = 1'-0"

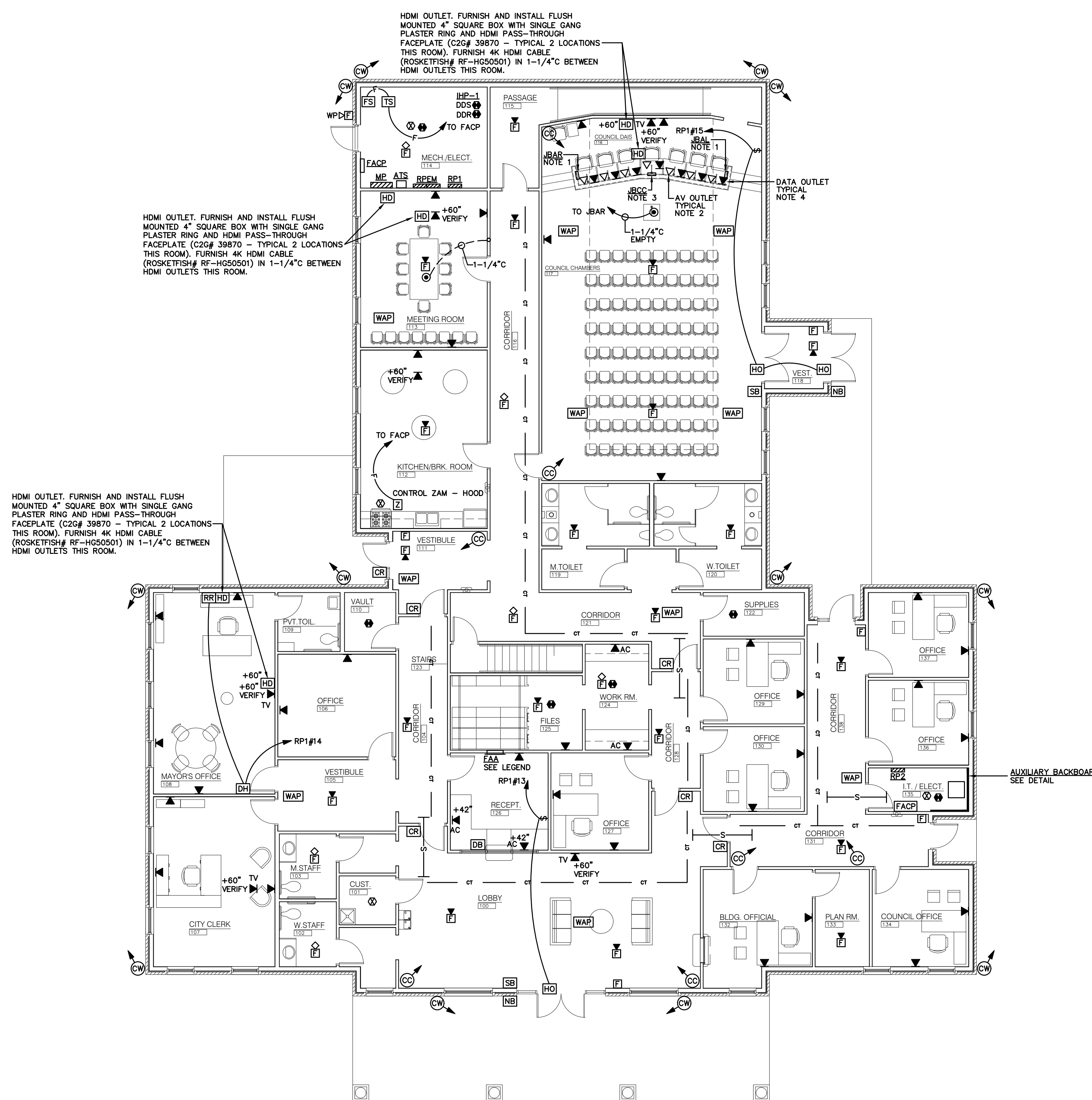


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A NEW CITY HALL
 and
 MUNICIPAL OFFICE FACILITY
 for the
 CITY OF CENTRE, ALABAMA
 350 E. MAIN STREET

FLOOR PLAN
 AUXILIARY

DRAWN	JRM
CHECKED	JRM
SCALE	AS NOTED
DATE	FEBRUARY 28, 2024
FILE	
JOB NO.	4904-24
REVISIONS	



FLOOR PLAN - AUXILIARY
 SCALE: 1/8" = 1'-0"
 NOTES THIS SHEET:

- AUDIO SYSTEM JUNCTION BOX FOR AUDIO CABLING BY OTHERS. JUNCTION BOX (JBAR AND JBAL) SHALL BE 12"W X 8"H X 4"D, FLUSH-MOUNTED (+8" ABOVE FINISHED FLOOR) JUNCTION BOX WITH SCREW-FASTENED COVER AND MICARTA NAMEPLATE READING "AUDIO SYSTEM JUNCTION BOX JBAR" AND "AUDIO SYSTEM JUNCTION BOX JBAL" RESPECTIVELY. FURNISH AND INSTALL THREE (3) EACH 2"C FROM JUNCTION BOX TO NEAREST CABLE TRAY AND ROUTE TO IT/ELECTRICAL ROOM 135, TERMINATE WITH SMOOTH BUSHING AND LABEL AS "AV CONDUIT JBAR" AND "AV CONDUIT JBAL" RESPECTIVELY.
- FURNISH AND INSTALL FLUSH MOUNTED 4" SQUARE BOX WITH SINGLE GANG PLASTER RING AT +4" ABOVE COUNTER TOP. PROVIDE BLANK STAINLESS STEEL COVER AND 1-1/4" CONDUIT ROUTED TO NEAREST AUDIO JUNCTION BOX (JBAR OR JBAL). ROUTE CONDUIT IN CASEWORK.
- COMMUNICATIONS JUNCTION BOX FOR LAN CABLING. JUNCTION BOX (JBCC) SHALL BE 12"W X 8"H X 4"D, FLUSH-MOUNTED (+8" ABOVE FINISHED FLOOR) JUNCTION BOX WITH SCREW-FASTENED COVER AND MICARTA NAMEPLATE READING "COMMUNICATIONS/ LAN JUNCTION BOX JBCC". FURNISH AND INSTALL THREE (3) EACH 2"C FROM JUNCTION BOX TO NEAREST CABLE TRAY AND ROUTE TO IT/ELECTRICAL ROOM 135. TERMINATE WITH SMOOTH BUSHING AND LABEL AS "LAN CONDUIT JBCC". CAT6 CABLING FROM DATA OUTLETS AT DAIS TO BE ROUTED THROUGH JBCC. SEE AUXILIARY OUTLET DETAIL FOR TERMINATION INFORMATION.
- FURNISH AND INSTALL FLUSH MOUNTED 4" SQUARE BOX WITH SINGLE GANG PLASTER RING AT +4" ABOVE COUNTER TOP. ROUTE CONDUIT TO COMMUNICATIONS JUNCTION BOX JBCC. SEE AUXILIARY OUTLET DETAIL FOR CABLING REQUIREMENTS. ROUTE CONDUIT IN CASEWORK.
- ELECTRICAL CONTRACTOR TO SEE MECHANICAL PLANS FOR THERMOSTAT LOCATION. PROVIDE AND INSTALL FLUSH MOUNTED 4" SQUARE BOX WITH SINGLE GANG PLASTER RING AT +4" ABOVE FINISHED FLOOR. ROUTE CONDUIT TO ABOVE ACCESSIBLE CEILING.