



Department of Building & Grounds  
Architectural Services Division

City of Baton Rouge  
Parish of East Baton Rouge

P.O. Box 1471  
Baton Rouge, Louisiana 70821  
225 389-4694 Voice  
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**ADDENDUM #1**

**October 23, 2024**

**TO ALL BIDDERS**

**PROJECT: BATON ROUGE POLICE DEPARTMENT TRAINING FACILITY  
CITY PARISH PROJECT NO. 21-ASC-CP-1560**

The following revisions shall be incorporated in and take precedence over any conflicting part of the original contract documents.

1. Clarification: Bidders must include in their bids all sales and/or use taxes on materials, supplies and equipment to be furnished for use on the project.
2. See attached Addendum from BBI Architects, AAC (37 pages.)

The following revisions shall be incorporated in and take precedence over any conflicting part of the original contract documents.

*TOTAL PAGES .....33 (DRAWINGS)*  
*TOTAL PAGES .....4 (ADDENDUM)*  
*TOTAL PAGES .....1 (INCLUDING THIS PAGE)*

***FAILURE TO INDICATE RECEIPT OF THIS ADDENDUM ON BID FORM MAY BE CAUSE FOR THE BID TO BE REJECTED***

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Rob Gray, AIA, LEED AP BD+C, Interim Chief Architect  
 Architectural Services Division  
 1100 Laurel Street, Rm. 227  
 Baton Rouge, LA 70802

## ADDENDUM NUMBER ONE (1)

Date: October 22, 2024

Project: **Baton Rouge Police Department  
Training Facility**  
999 West Irene Road  
Zachary, Louisiana

Architect: BBI Architects, AAC  
1111 S. Foster, Suite D  
Baton Rouge, LA 70806

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THE FOLLOWING ADDITIONS, CLARIFICATIONS, DELETIONS, AND/OR CORRECTIONS TO THE ORIGINAL CONTRACT DOCUMENTS ARE HEREBY SPECIFICALLY MADE A PART OF THOSE ORIGINAL CONTRACT DOCUMENTS WITH THE SAME FORCE AND EFFECT AS THOUGH ORIGINALLY SET FORTH IN FULL. CHANGES TO THE DRAWINGS AND SPECIFICATIONS SHALL BE LISTED AND OTHERWISE EXPLAINED BY THIS ADDENDUM. ANY CONTRADICTIONS IN THESE DOCUMENTS SHALL BE IMMEDIATELY POINTED OUT TO THE ARCHITECT SO THAT A DECISION CAN BE RENDERED.

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### **DRAWINGS**

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#### **ARCHITECTURAL**

##### **Sheet T1.1**

1. Delete existing sheet T1.1 and replace with new sheet T1.1 included in this addendum.

##### **Survey Sheet**

1. Delete existing Survey and replace with Survey included in this addendum.

##### **Sheet C1.1**

1. Delete existing sheet C1.1 and replace with new sheet C1.1 included in this addendum.

##### **Sheet A1.1**

1. Delete existing sheet A1.1 and replace with new sheet A1.1 included in this addendum.

##### **Sheet A1.2**

1. Delete existing sheet A1.2 and replace with new sheet A1.2 included in this addendum.

##### **Sheet A1.3**

1. Delete existing sheet A1.3 and replace with new sheet A1.3 included in this addendum.

##### **Sheet A1.4**

1. Delete existing sheet A1.4 and replace with sheet A1.4 included in this addendum.

##### **Sheet A2.1**

1. Delete existing sheet A2.1 and replace with new sheet A2.1 included in this addendum.

## **ADDENDUM NUMBER ONE (1)**

### **Sheet A2.2**

1. Delete existing sheet A2.2 and replace with new sheet A2.2 included in this addendum.

### **Sheet A2.3**

1. Delete existing sheet A2.3 and replace with new sheet A2.3 included in this addendum.

### **Sheet A2.4**

1. Delete existing sheet A2.4 and replace with new sheet A2.4 included in this addendum.

### **Sheet A2.5**

1. Delete existing sheet A2.5 and replace with new sheet A2.5 included in this addendum.

### **Sheet A2.6**

1. Add sheet A2.6, Elevations and Section, included in this addendum.

### **Sheet A3.1**

1. Add sheet A3.1, Stairs, included in this addendum.

### **Sheet A4.1**

1. Delete existing sheet A4.1 and replace with new sheet A4.1 included in this addendum.

## **STRUCTURAL**

### **Sheet S0.1**

1. Delete existing sheet S0.1 and replace with new sheet S0.1 included in this addendum.

### **Sheet S1.1**

1. Delete existing sheet S1.1 and replace with new sheet S1.1 included in this addendum.

### **Sheet S2.1**

1. Delete existing sheet S2.1 and replace with new sheet S2.1 included in this addendum.

### **Sheet S2.2**

1. Delete existing sheet S2.2 and replace with new sheet S2.2 included in this addendum.

### **Sheet S2.3**

1. Delete existing sheet S2.3 and replace with new sheet S2.3 included in this addendum.

## **MECHANICAL**

### **Sheet M1.1**

1. Add sheet M1.1, Plumbing Plan, included in this addendum.

## **ADDENDUM NUMBER ONE (1)**

### **Sheet M2.1**

1. Add sheet M2.1, HVAC Plan, included in this addendum.

### **Sheet M2.2**

1. Add sheet M2.2, HVAC Schedules and Details, included in this addendum.

### **Sheet M3.1**

1. Add sheet M.3.1, HVAC and Plumbing Specifications, included in this addendum.

### **Sheet M3.2**

1. Add sheet M3.2, HVAC and Plumbing Specifications, included in this addendum.

## **ELECTRICAL**

### **Sheet E0.0**

1. Delete existing sheet E0.0 and replace with new sheet E0.0 included in this addendum.

### **Sheet E0.1**

1. Delete existing sheet E0.1 and replace with new sheet E0.1 included in this addendum.

### **Sheet E0.2**

1. Delete existing sheet E0.2 and replace with new sheet E0.2 included in this addendum.

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### **Sheet E3.0**

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### **Sheet E3.1**

1. Delete existing sheet E3.1 and replace with new sheet E3.1 included in this addendum.

## **SPECIFICATIONS**

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No Changes

## ADDENDUM NUMBER ONE (1)

### PRIOR APPROVALS

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#### ARCHITECTURAL PRIOR APPROVALS:

None

**End of Addendum**

# BATON ROUGE POLICE DEPARTMENT TRAINING FACILITY

999 WEST IRENE ROAD  
BATON ROUGE, LA 70805

C-P PROJECT NO: 21-ASD-CP-1496

October 1, 2024

East Baton Rouge Parish Mayor-President  
SHARON WESTON BROOME

Metro Council

BRANDON NOEL - DISTRICT 1  
CHAUNA BANKS - DISTRICT 2  
ROWDY GAUDET - DISTRICT 3  
AARON MOAK - DISTRICT 4

ERIKA GREEN - DISTRICT 5  
CLEVE DUNN, JR. - DISTRICT 6  
PATRICIA A. DEROZAN - DISTRICT 7  
DENISE AMOROSO - DISTRICT 8

DWIGHT HUDSON - DISTRICT 9  
CAROLYN COLEMAN - DISTRICT 10  
LAURIE ADAMS - DISTRICT 11  
JENNIFER RACCA - DISTRICT 12

## Building Data

**BUILDING CODE:**  
INTERNATIONAL BUILDING CODE 2021  
INTERNATIONAL EXISTING BUILDING CODE 2021

**PLUMBING CODE:**  
INTERNATIONAL PLUMBING CODE 2021  
INTERNATIONAL FUEL GAS CODE 2021

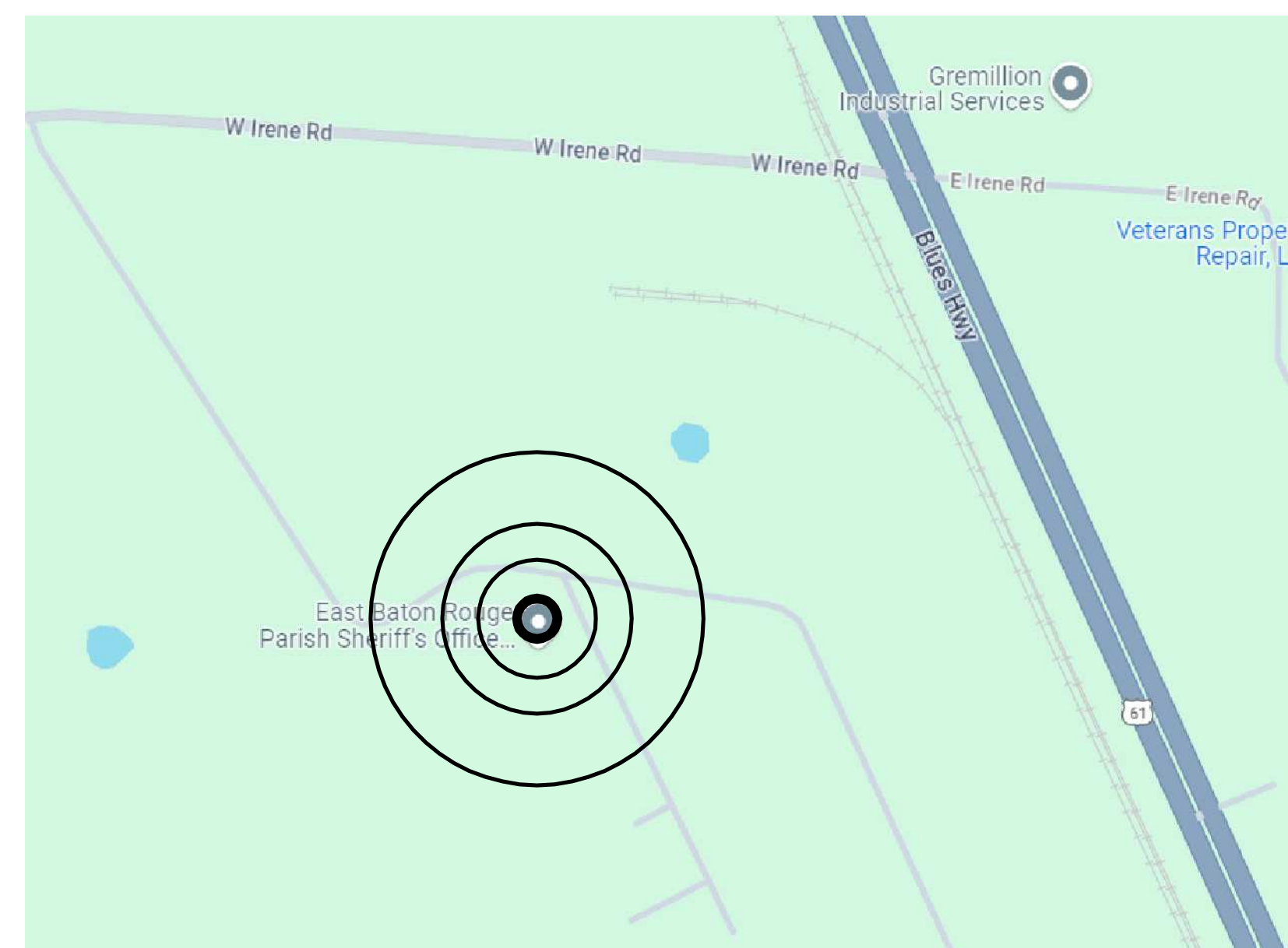
**MECHANICAL CODE:**  
INTERNATIONAL MECHANICAL CODE 2021

**ELECTRICAL CODE:**  
NFPA 70 2020  
NATIONAL ELECTRICAL CODE 2020

**FIRE CODE:**  
NFPA 101 LIFE SAFETY CODE 2015

**ENERGY CONSERVATION:**  
INTERNATIONAL ENERGY CONSERVATION CODE 2021  
ASHRAE 90.1-2007

**ACCESSIBILITY:**  
ADA-ABA ACCESSIBILITY GUIDELINES 2010



**1 VICINITY MAP**  
NOT TO SCALE

## Drawing Index

T1.1	TITLE SHEET	S1.1	CLASSROOM - FOUNDATION PLAN
	SURVEY	S2.1	SIMULATOR - FOUNDATION PLAN
C1.1	SITE PLAN AND NOTES	S2.2	SIMULATOR - FOUNDATION DETAILS
		S2.3	SIMULATOR - CATWALK DETAILS
A1.1	CLASSROOM - FLOOR PLAN DETAILS	M1.1	CLASSROOM - PLUMBING PLAN
A1.2	CLASSROOM - CEILING PLAN SCHEDULES DETAILS	M2.1	CLASSROOM - HVAC PLAN
A1.3	CLASSROOM - LIFE SAFETY PLAN SECTION	M2.2	CLASSROOM - HVAC SCHEDULES AND DETAILS
A1.4	CLASSROOM - RESTROOMS	M3.1	CLASSROOM - HVAC AND PLUMBING SPECIFICATIONS
A2.1	SIMULATOR - FLOOR PLAN	M3.2	CLASSROOM - HVAC AND PLUMBING SPECIFICATIONS
A2.2	SIMULATOR - CATWALK PLAN STAIR DETAILS	E0.0	SCHEDULES AND ABBREVIATIONS
A2.3	SIMULATOR - REFLECTED CEILING PLAN	E0.1	RISER AND SCHEDULES
A2.4	SIMULATOR - DOOR SCHEDULE	E0.2	GENERAL ELECTRICAL NOTES
A2.5	SIMULATOR - ELEVATIONS SECTION	E1.0	ELECTRICAL SITE PLAN
A2.6	SIMULATOR - ELEVATIONS SECTION	E2.0	CLASSROOM - LIGHTING
A3.1	SIMULATOR - STAIR DETAILS	E3.0	CLASSROOM - POWER & SS
A4.1	SIMULATOR - DETAILS	E3.1	SIMULATOR - ELECTRICAL

bbi

An Architectural Corporation

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Suite D  
Baton Rouge, LA.  
70806

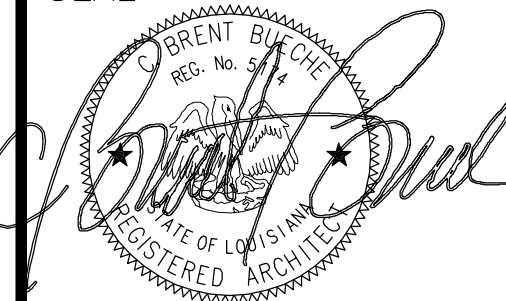
(225) 761-5191

bbiusa.com

REVISIONS:

ADDENDUM No. 1  
10/ 21/ 2024

SEAL



BATON ROUGE POLICE DEPARTMENT  
TRAINING FACILITY  
999 WEST IRENE ROAD, ZACHARY, LA 70791

SHEET TITLE

TITLE SHEET

BBi Job No. A24-005

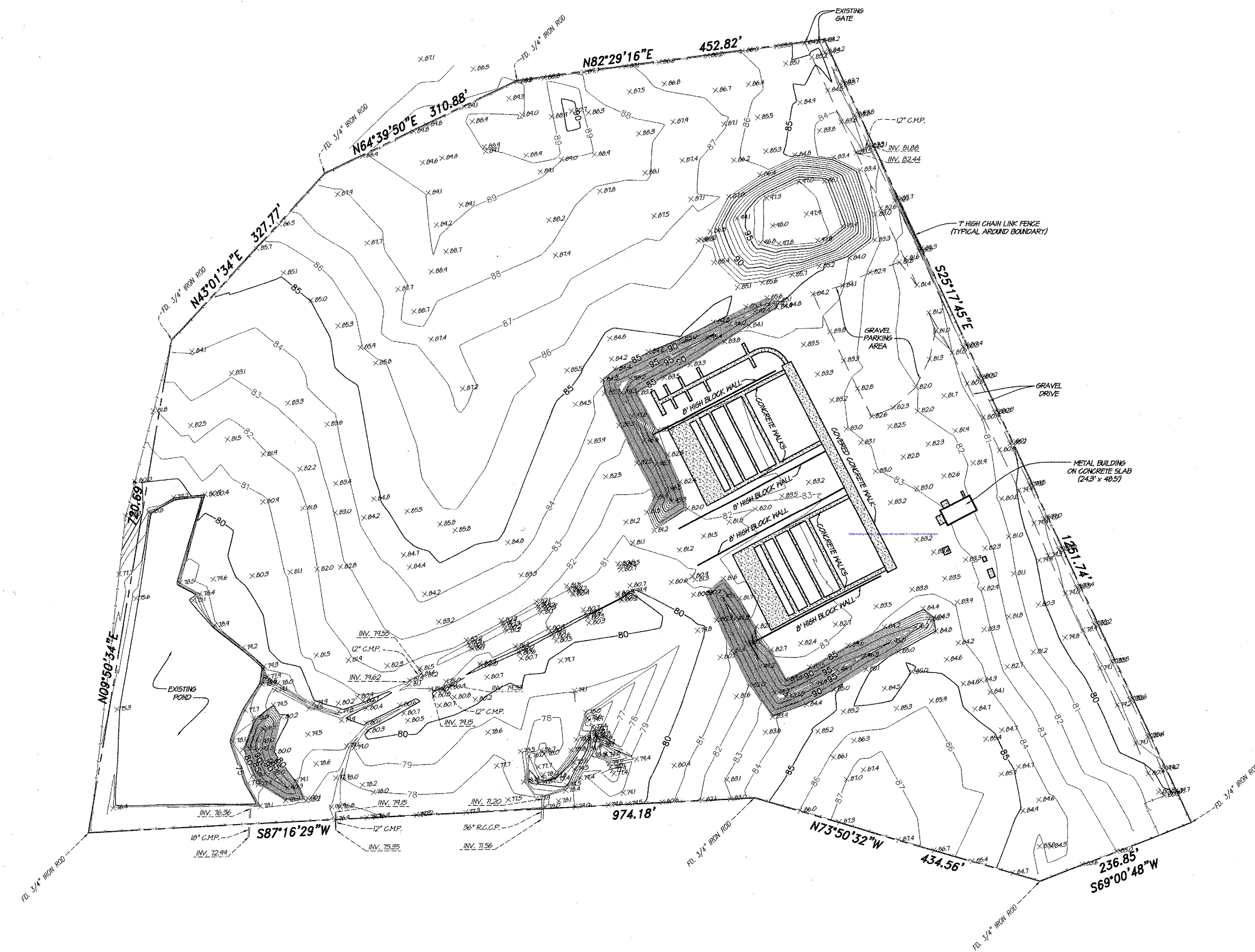
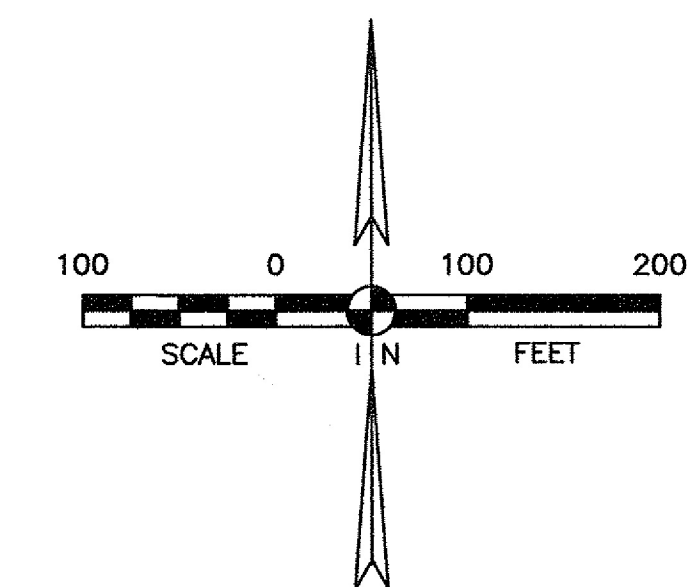
Date 10/1/2024

Drawn By \_\_\_\_\_

Checked By \_\_\_\_\_

SHEET

T 1.1



**NOTES:**

- 1.) THE INFORMATION SHOWN HEREON AS CONCERNS THE "BOUNDARY" OF THE SURVEYED AREA WAS ESTABLISHED BY LOCATING 3/4" IRON RODS FOUND NEAR THE FENCE CORNERS. NO INFORMATION CONCERNING THE BOUNDARY WAS PROVIDED TO THIS FIRM DURING THE COURSE OF THIS SURVEY OTHER THAN A SKETCH THAT WAS PREPARED BY THE CITY OF BATON ROUGE, INSPECTION DIVISION, CONSTRUCTION & DESIGN SECTION. NO BEARINGS WERE SHOWN ON THE REFERENCED SKETCH AND THE DISTANCES SHOWN ON THIS MAP DO NOT MATCH EXACTLY WITH THE DISTANCES SHOWN ON SAID SKETCH.
- 2.) THE NORTH DIRECTION ARROW, AS SHOWN ON THIS MAP AND THE BEARINGS, WHICH ARE RELATIVE TO SAID NORTH DIRECTION ARROW, WERE ESTABLISHED USING UNADJUSTED GPS OBSERVATIONS ON TWO OR MORE OF THE FIELD SURVEY POINTS. THE NORTH ARROW AND BEARINGS SHOWN ON THIS MAP ARE APPROXIMATE ONLY AND ARE SHOWN AS A GENERAL BASIS FOR ORIENTATION ONLY. THE ESTABLISHMENT OF COORDINATES AND NORTH ORIENTATION WAS NOT A PART OF THIS SURVEY.
- 3.) ALL ELEVATIONS SHOWN ON THIS SURVEY ARE REFERENCED OFF OF AND RELATIVE TO U.S. COASTAL GEODETIC SURVEY REFERENCE MONUMENT NO. 170H13 LOCATED AT BARNETT ROAD AND U.S. HWY. 61 WITH A GIVEN ELEVATION OF 93.76 FEET N.G.V.D.
- 4.) A TEMPORARY BENCHMARK WAS ESTABLISHED ON SITE AND IS DESCRIBED AS A 60D NAIL SET IN A UTILITY POLE NEAR THE NORTHEAST CORNER OF THE PROPERTY SHOWN HEREON. THE ELEVATION OF THIS REFERENCE MARK IS 85.22 FEET N.G.V.D.
- 5.) NO ATTEMPT HAS BEEN MADE BY FERRIS ENGINEERING & SURVEYING, INC. TO VERIFY TITLE, ACTUAL LEGAL OWNERSHIP, SERVITUDES, EASEMENTS, RIGHTS-OF-WAY, WETLANDS OR ENVIRONMENTAL ISSUES OR OTHER ENCUMBRANCES THAT MAY EXIST ON THIS PROPERTY.
- 6.) THE PURPOSE OF THIS SURVEY WAS TO LOCATE AND MAP TOPOGRAPHIC FEATURES WITHIN THE FENCED AREA AS SHOWN HEREON. THIS MAP IS NOT INTENDED FOR USE OF IDENTIFYING A LEGALLY SUBDIVIDED TRACT OF LAND NOR IS IT INTENDED TO BE USED FOR TRANSFER OF OWNERSHIP.

**CERTIFICATION:**

THIS IS TO CERTIFY THAT THE TOPOGRAPHIC SURVEY SHOWN HEREON WAS ACTUALLY MADE ON THE GROUND AND THAT THIS MAP WAS PREPARED IN ACCORDANCE WITH THE FIELD NOTES OF SAID TOPOGRAPHIC SURVEY. THIS MAP IS NOT INTENDED TO REPRESENT A PROPERTY BOUNDARY SURVEY AS DEFINED BY THE "MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS" ESTABLISHED BY THE LOUISIANA STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS.

*Darwin W. Ferguson*  
 DARWIN W. FERGUSON, P.L.S.  
 FERRIS ENGINEERING & SURVEYING, INC.  
 DATE: **NOVEMBER 27, 2001**



BY:	TITLE:	<b>MAP SHOWING TOPOGRAPHIC SURVEY</b>
	OF:	<b>OF</b>
DATE:	PROJECT:	<b>PISTON RANGE OFFICE BUILDING SITE FOR THE CITY OF BATON ROUGE</b>
	DESCRIPTION:	<b>LOCATED AT 999 WEST IRENE ROAD IN EAST BATON ROUGE PARISH, LOUISIANA</b>
REVISION:	CLIENT:	<b>JERRY L. WATTS &amp; ASSOCIATES</b>
		<b>FERRIS ENGINEERING &amp; SURVEYING, INC.</b> CIVIL ENGINEERS • LAND SURVEYORS • LAND PLANNING • MUNICIPAL/HIGHWAY 11854 BRICKSOME AVENUE - BATON ROUGE, LOUISIANA 70816 / PH 225-292-6838 - FAX 225-292-0441
	DRAWN BY:	DWF
	CADFILE:	01-116 SURVEY
	DATE:	NOV. 27, 2001
	PROJECT NO.:	01-116
	DWG NO.:	01-S-0050

### 3 GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
2. THE CONTRACTOR SHALL CONTACT LOUISIANA ONE-CALL FOR ASSISTANCE IN LOCATING EXISTING UTILITIES. CALL AT LEAST 48 HOURS PRIOR TO ANY DIGGING.
3. PRIOR TO STARTING CONSTRUCTION, THE GENERAL CONTRACTOR SHALL VERIFY THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION OF ANY ITEM SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED ALL PLANS AND ANY OTHER DOCUMENTATION FROM ALL OF THE PERMITTING AND ANY OTHER REGULATORY AUTHORITIES. FAILURE OF THE CONTRACTOR TO FOLLOW THIS PROCEDURE SHALL CAUSE THE CONTRACTOR TO ASSUME FULL RESPONSIBILITY FOR ANY SUBSEQUENT MODIFICATION OF THE WORK MANDATED BY ANY REGULATORY AUTHORITY. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH PERMITS ISSUED AND APPLICABLE STATE, COUNTY AND LOCAL CODES.
4. CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY, AND ADJOINING PROPERTY PROTECTED FROM DAMAGE.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY ITEMS DUE TO CONSTRUCTION OPERATIONS.
6. THE GENERAL CONTRACTOR SHALL KEEP THE AREAS USED BY THE CONTRACTOR AND SUB CONTRACTORS BROOM CLEAN AT ALL TIMES AND REMOVE ALL TRASH AND DEBRIS FROM THE SITE UPON COMPLETION OF THE PROJECT AND AT LEAST ONCE A WEEK DURING CONSTRUCTION.
7. BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL REVIEW, ALL PLANS AND SPECIFICATIONS AND THE JOB SITE. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES THAT MAY REQUIRE MODIFICATIONS TO THESE PLANS OR OF ANY FIELD CONFLICTS.
8. ALL WORK IN RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH "THE CURRENT EDITION OF THE STATE DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIALS SPECIFICATIONS"
9. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY.
10. ALL "PLUS OR MINUS" DIMENSIONS ARE TO BE VERIFIED BY THE LOCAL CONTRACTOR.

### 4 SITE PREPARATION NOTES

1. PROVIDE POSITIVE DRAINAGE AWAY FROM THE STRUCTURE AT ALL TIMES, INCLUDING DURING CONSTRUCTION.
2. AT THE ARE OF THE WORK STRIP ALL TOPSOIL, VEGETATION, ROOTS, TREES AND ANY SOFT SOILS IN THE BUILDING AREA FROM THE SITE AND DISPOSED OF.
3. REMOVE ALL EXISTING SITE IMPROVEMENTS, STRUCTURES, ETC. AS NECESSARY TO PERFORM THE WORK. COORDINATE WITH ARCHITECT AND OWNER IN THE FIELD THE EXACT ITEMS TO BE REMOVED.
4. UNDER AND 5' BEYOND THE PERIMETER OF THE EXISTING BUILDINGS REMOVE EXISTING SOIL TO 12" MINIMUM BELOW THE FOOTINGS (OR AS NEEDED TO REMOVE LOOSE OR UNSUITABLE SOILS THAT CANNOT BE IMPROVED BY COMPACTION) IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT.
5. AT PARKING AND DRIVEWAYS REMOVE EXISTING SOIL TO 12" MINIMUM OR AS NEEDED TO REMOVE LOOSE OR UNSUITABLE SOILS THAT CANNOT BE IMPROVED BY COMPACTION.
6. AFTER STRIPPING AND UNDERCUTTING THE EXPOSED SUBGRADE IN AREAS TO SUPPORT PAVEMENT (OR LIMESTONE) SHALL BE PROOF-ROLLED WITH A HEAVY, LOADED PNEUMATIC-TIRED VEHICLE WEIGHING 15 TO 20 TONS.
7. PROOF-ROLL ALL AREAS TO RECEIVE NEW WORK TO IDENTIFY LOOSE OR SOFT SOILS. (ALL ROOF-ROLLING AND UNDERCUTTING ACTIVITIES SHOULD BE PERFORMED DURING A PERIOD OF DRY WEATHER.)
8. ANY WEAK AREAS WHICH YIELD UNDER THE PROOF-ROLL, OR ANY AREAS WITH A TENDENCY TO PUMP SHOULD BE MITIGATED. SUCH MITIGATION MAY INCLUDE OVEREXCAVATION AND BACKFILLING, REPROCESSING TO REMOVE MOISTURE, MODIFICATION WITH LIME OR CEMENT ADMIXTURE, OR USING GEOTEXTILES.
9. AFTER STRIPPING, EXCAVATING AND PROOF-ROLLING BUT PRIOR TO PLACING FILL, THE EXPOSED SOILS SHOULD BE SCARIFIED AND THEN PROCESSED TO A MOISTURE CONTENT BETWEEN ONE (1) PERCENTAGE POINT BELOW AND THREE (3) PERCENTAGE POINTS ABOVE THE STANDARD PROCTOR OPTIMUM. THE SUBGRADE SOILS SHOULD BE RE-COMPACTED TO A DRY DENSITY OF AT LEAST 95 PERCENT OF THE STANDARD PROCTOR (ASTM D-698) MAXIMUM DRY DENSITY FOR A DEPTH OF AT LEAST EIGHT (8) INCHES BELOW THE SURFACE.

### 5 SELECT FILL NOTES

1. AFTER THE SUBGRADE HAS BEEN PREPARED AND INSPECTED, FILL PLACEMENT MAY BEGIN.
2. SELECT FILL MATERIAL SHOULD BE FREE OF ORGANIC OR OTHER DELETERIOUS MATERIALS, HOMOGENEOUS MIXTURE, HAVE A MAXIMUM PARTICLE SIZE OF TWO (2) INCHES, HAVE A LIQUID LIMIT LESS THAN 40 AND PLASTICITY INDEX BETWEEN 12 AND 22, AND CONSIST OF PUMPED RIVER SAND (SP-SM), LEAN CLAY (CL), OR CLAYEY SAND AGGREGATE BASE (GP) (ARE COMMONLY AVAILABLE TO THIS REGION) AS DEFINED BY THE UNIFIED SOIL CLASSIFICATION SYSTEM, AND IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT.
3. SAMPLES OF PROPOSED FILL MATERIAL SHALL BE SENT TO THE GEOTECHNICAL ENGINEER TO VERIFY THAT THE MATERIAL IS SUITABLE FOR USE AS STRUCTURAL FILL AND TO ESTABLISH COMPACTION MOISTURE-DENSITY RELATIONSHIPS FOR USE AS REFERENCE FOR THE FIELD DENSITY TESTING.
4. FILL SHOULD BE PLACED IN MAXIMUM LIFTS OF 8" OF LOOSE MATERIALS AND COMPACTED WITHIN THE RANGE OF 1% POINT BELOW TO 3% POINTS ABOVE THE OPTIMUM MOISTURE CONTENT VALUE AND A MINIMUM OF 95% OF THE MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR (ASTM D-698) TEST.
5. FIELD DENSITY TESTS SHALL BE TAKEN AT A FREQUENCY OF NOT LESS THAN ONE (1) TEST PER 2,500 SQUARE FEET OF SURFACE AREA PER LIFT OR A MINIMUM OF TWO (2) PER LIFT FOR EACH TESTED AREA FOR THE BUILDING AREA.
6. PROVIDE 4" MINIMUM SAND OR GRAVEL SUBGRADE CAPILLARY BARRIER AND LEVEL-UP COURSE.
7. AT UTILITY TRENCHES, BACKFILL AND COMPACT. BACKFILL SHOULD BE PLACED IN MAXIMUM LIFTS OF EIGHT (8) INCHES OF LOOSE MATERIALS AND COMPACTED TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR (ASTM D-698) TEST.

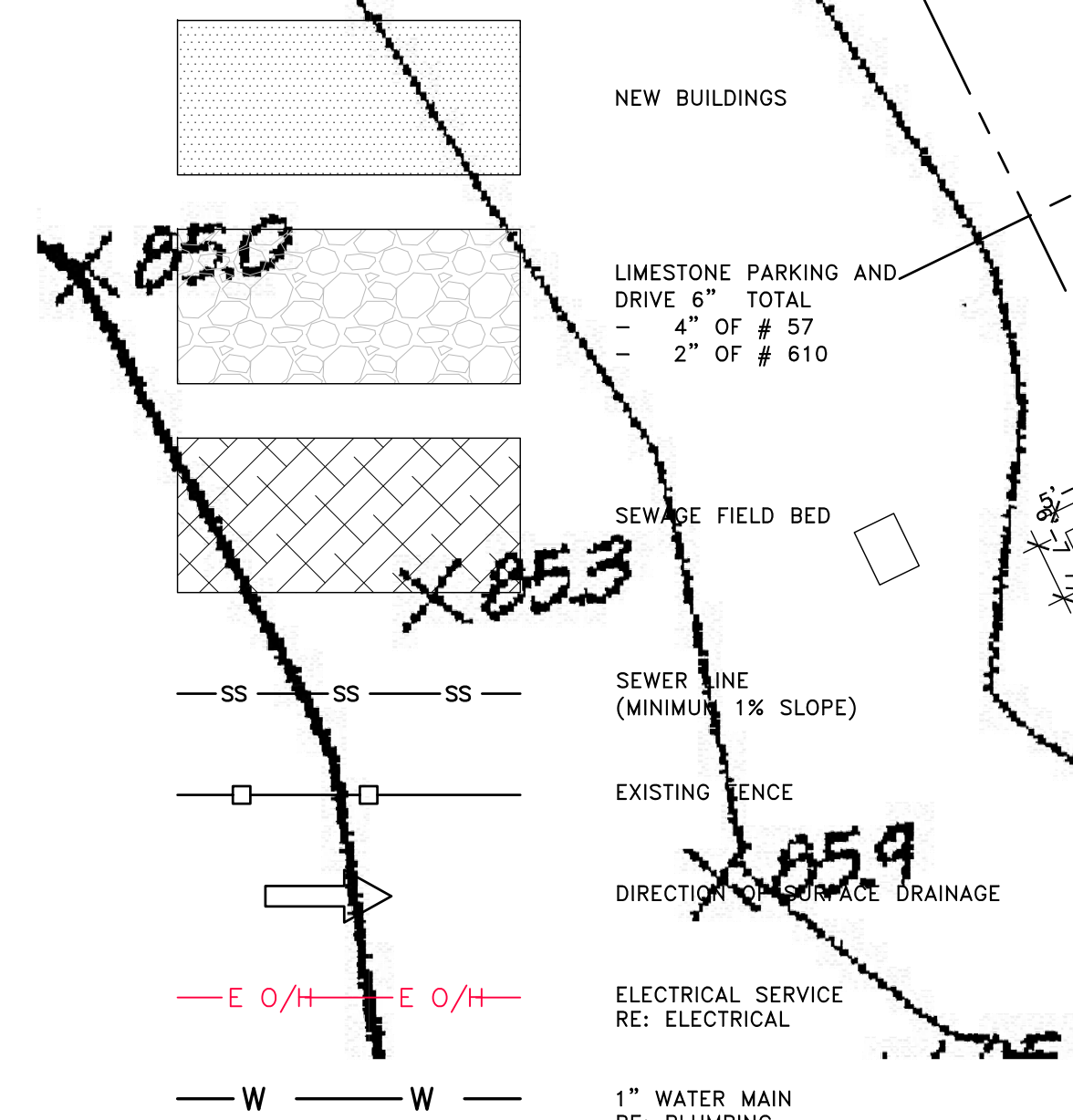
### 6 SANITARY SEWAGE TREATMENT UNIT

- WHITWATER AEROBIC TREATMENT UNIT
1. BASIS OF DESIGN: DELTA ENVIRONMENTAL PRODUCTS, INC. MODEL DF75 OR APPROVED EQUAL BY ENVRO-FLO, OR PRIOR APPROVED EQUAL
  2. PRODUCT:
    - A. CAPACITY 1,197 GALLONS
    - B. SYSTEM SHALL INCLUDE AERATION TANK, AIR DIFFUSION SYSTEM WITH BLOWER ASSEMBLY, AND INNER CIRCULAR TYPE CONICAL UPWELLING CLARIFIER.
    - C. THE UNIT SHALL COMPLY WITH ANSI/NSF INTERNATIONAL, STANDARD 40, CLASS 1 APPROVED, OBC AND BMCC AUTHORIZED.
  3. OPERATING CONDITIONS
    - A. UNIT SHALL BE DESIGNED TO TREAT 625 GALLONS PER DAY OF DOMESTIC RAW SEWAGE WASTE.
    - B. AIR INJECTION RATE OF 2,100 CUBIC FEET/POUND OF BIOLOGICAL OXYGEN DEMAND.
  4. AERATION TANK CAPACITY: 840 GALLONS OF 24 HOUR HYDRAULIC DETENTION TIME AT THE AVERAGE DAILY FLOW (ADF).
  5. CLARIFIER CAPACITY: 350 GALLONS FOR 8 HOURS HYDRAULIC DETENTION AT THE AVERAGE DAILY FLOW RATE.
  6. AERATION BLOWER/COMPRESSOR: 2,100 CUBIC FEET/POUND OF BODS INFLUENT AT THE REQUIRED DISCHARGE PRESSURE.
  7. AIR DIFFUSION SYSTEM: 3/4" SCHEDULE 40 PVC PIPE TO DIFFUSERS. EACH PIPE SHALL BE SLOTTED FOR PROPER AIR DIFFUSION AND DESIGNED FOR NON-CLOGGING.
  8. ELECTRICAL CONTROLS: LINEAR AIR COMPRESSOR - 115V / SINGLE PHASE / 60HZ / 63 WATTS
    - A. SYSTEM SHALL BE ANSI/NSF INTERNATIONAL CERTIFIED UTILIZING UL AND CSA RATED COMPONENTS IN AN INDOOR/OUTDOOR NEMA 3R PAINTED STEEL ENCLOSURE.
  9. CONSTRUCTION: TANK SHALL BE TRAFFIC RATED, PRECAST CONCRETE

### 7 EROSION CONTROL NOTES

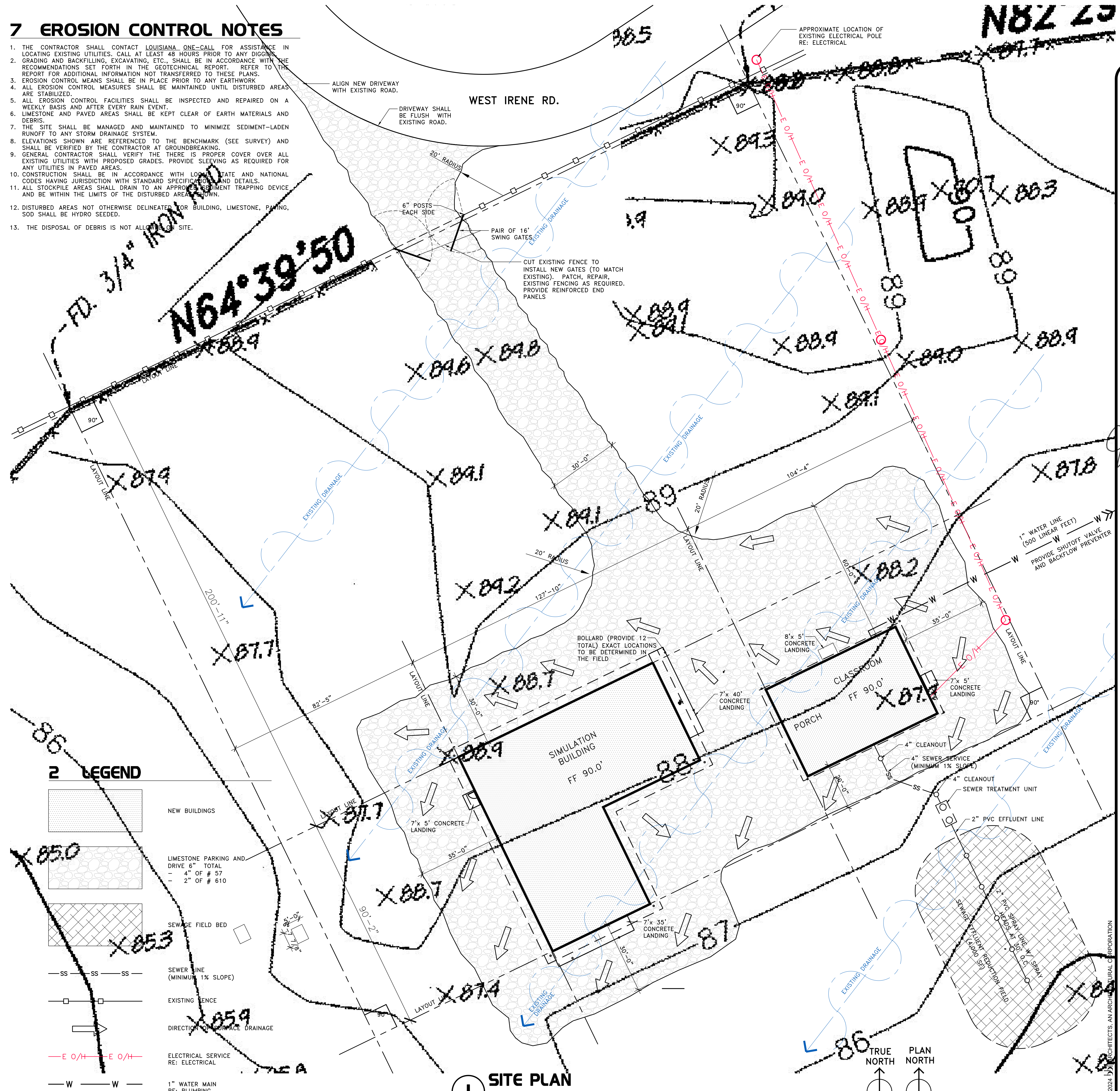
1. THE CONTRACTOR SHALL CONTACT LOUISIANA ONE-CALL FOR ASSISTANCE IN LOCATING EXISTING UTILITIES. CALL AT LEAST 48 HOURS PRIOR TO ANY DIGGING.
2. GRADING AND BACKFILLING, EXCAVATING, ETC., SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT. REFER TO THE REPORT FOR ADDITIONAL INFORMATION NOT TRANSFERRED TO THESE PLANS.
3. EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY EARTHWORK.
4. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED.
5. ALL EROSION CONTROL FACILITIES SHALL BE INSPECTED AND REPAIRED ON A WEEKLY BASIS AND AFTER EVERY RAIN EVENT.
6. LIMESTONE AND PAVED AREAS SHALL BE KEPT CLEAR OF EARTH MATERIALS AND DEBRIS.
7. THE SITE SHALL BE MANAGED AND MAINTAINED TO MINIMIZE SEDIMENT-LADEN RUNOFF TO ANY STORM DRAINAGE SYSTEM.
8. ELEVATIONS SHOWN ARE REFERENCED TO THE BENCHMARK (SEE SURVEY) AND SHALL BE VERIFIED BY THE CONTRACTOR AT GROUND BREAKING.
9. GENERAL CONTRACTOR SHALL VERIFY THERE IS PROPER COVER OVER ALL EXISTING UTILITIES WITH PROPOSED GRADES. PROVIDE SLEEVING AS REQUIRED FOR ANY UTILITIES IN PAVED AREAS.
10. CONSTRUCTION SHALL BE IN ACCORDANCE WITH LOCAL STATE AND NATIONAL CODES HAVING JURISDICTION WITH STANDARD SPECIFICATIONS AND DETAILS.
11. ALL STOCKPILE AREAS SHALL DRAIN TO AN APPROVED SEDIMENT TRAPPING DEVICE AND BE WITHIN THE LIMITS OF THE DISTURBED AREA.
12. DISTURBED AREAS NOT OTHERWISE DELINEATED FOR BUILDING, LIMESTONE, PAVING, SOD SHALL BE HYDRO SEEDED.
13. THE DISPOSAL OF DEBRIS IS NOT ALLOWED ON SITE.

### 2 LEGEND



### 1 SITE PLAN

1" = 20'-0"



**bbi**  
An Architectural Corporation  
1111 S. Foster Dr.  
Suite D  
Baton Rouge, LA.  
70806  
(225) 761-5191  
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REVISIONS:  
ADDENDUM No. 1  
10/21/2024

SEAL

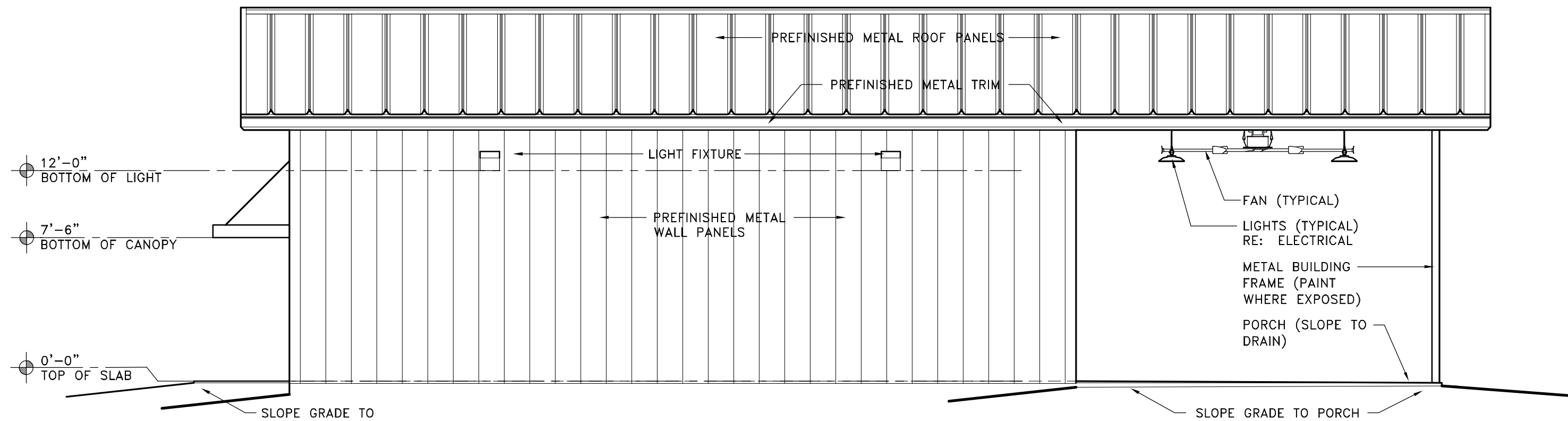
**BATON ROUGE POLICE DEPARTMENT  
TRAINING FACILITY**  
999 WEST IRENE ROAD, ZACHARY, LA 70791

SHEET TITLE

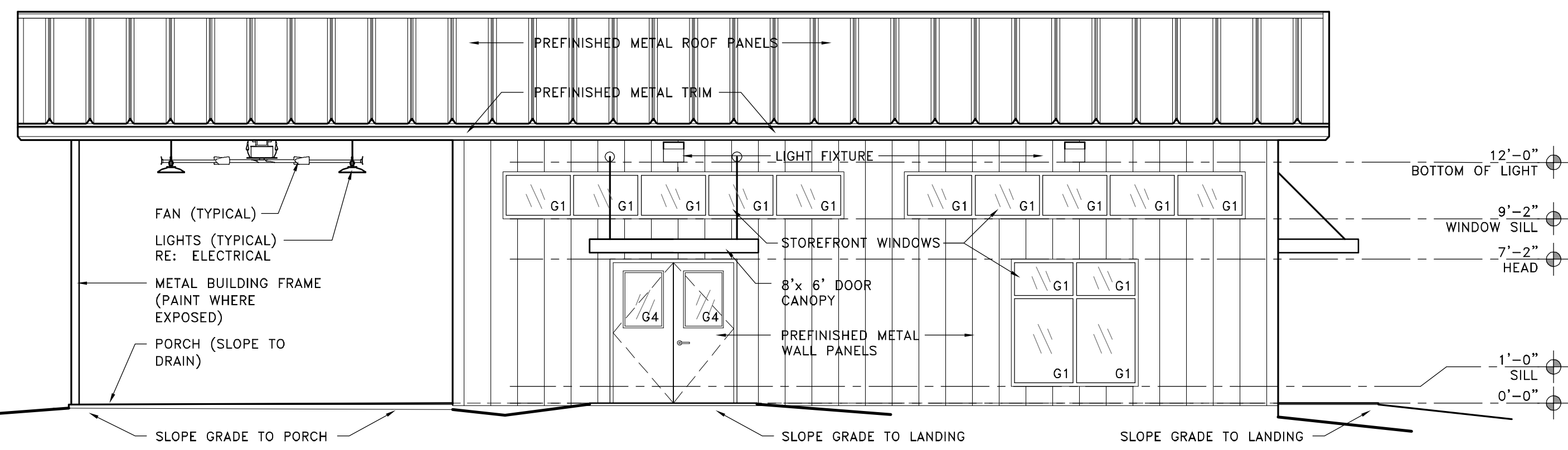
BBI Job No. **A24-005**  
Date **10/12/2024**  
Drawn By **se**  
Checked By **bb**

SHEET  
**C 1.1**

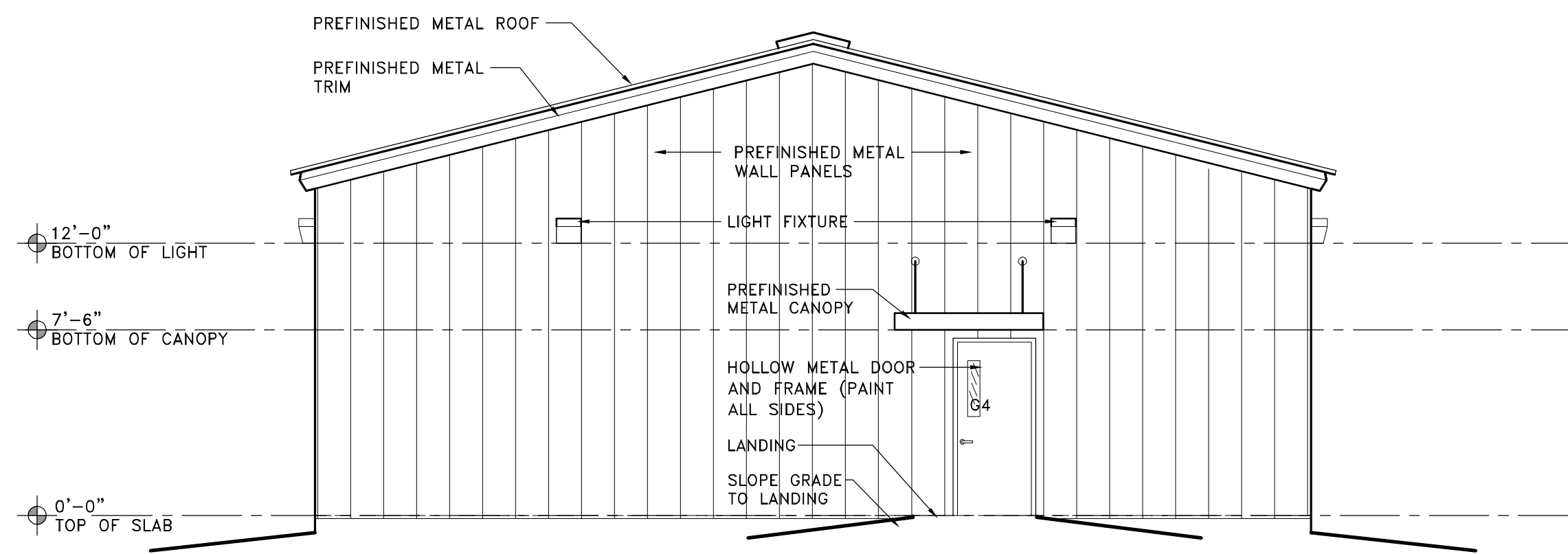




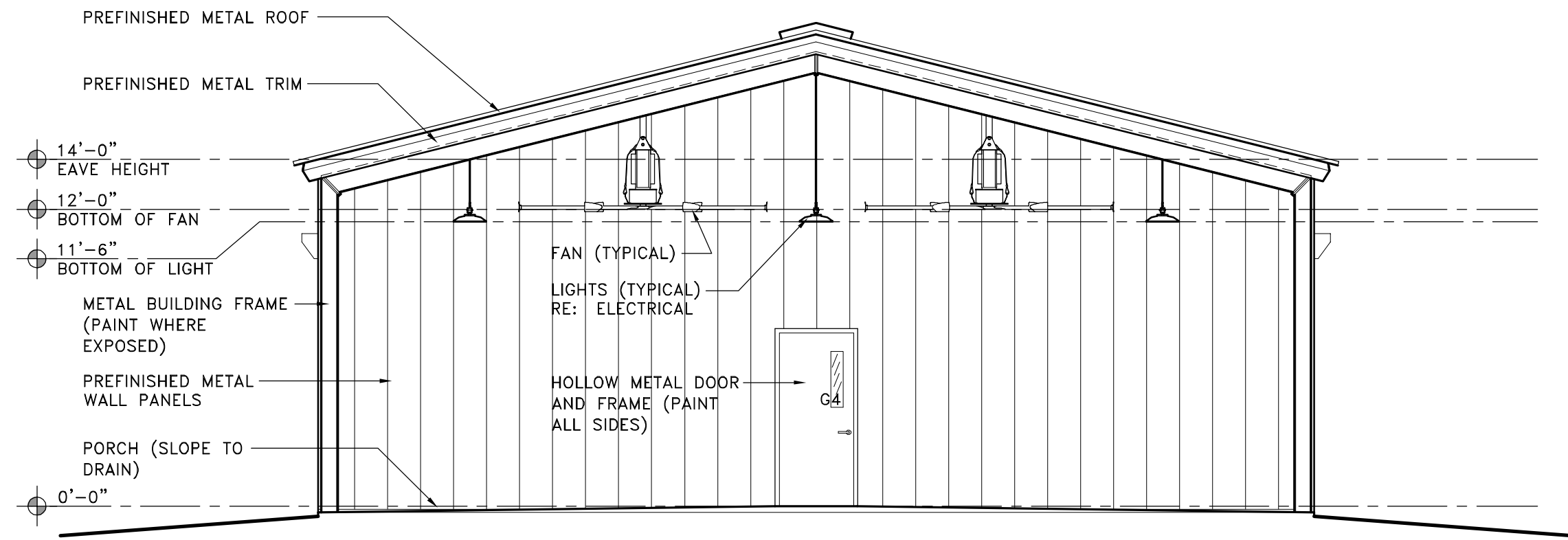
**2 CLASSROOM - NORTH ELEVATION**  
3/16" = 1'-0"



**3 CLASSROOM - SOUTH ELEVATION**  
3/16" = 1'-0"



**4 CLASSROOM - EAST ELEVATION**  
3/16" = 1'-0"



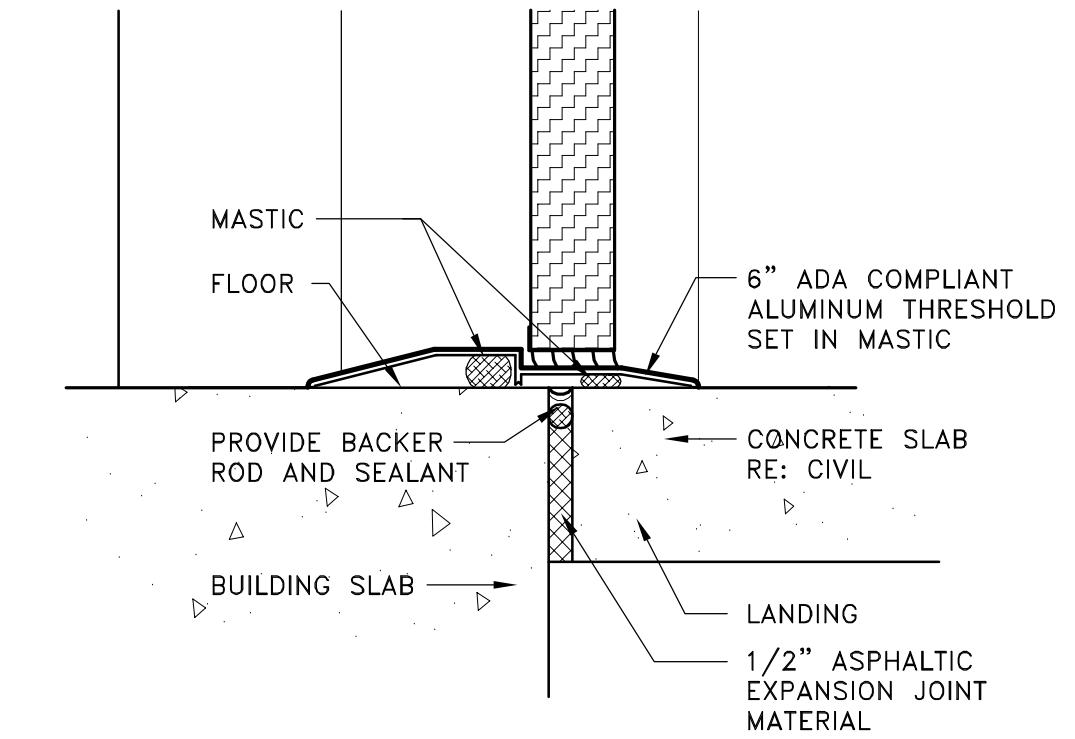
**5 CLASSROOM - WEST ELEVATION**  
3/16" = 1'-0"

**6 EXAMINATION**

- PRIOR TO PERFORMING ANY WORK THE CONTRACTOR AND EACH SUBCONTRACTOR SHALL EXAMINE THE EXISTING WORK AND WORK CONDITIONS:
1. VERIFY QUANTITY AND QUALITY OF MATERIALS PROVIDED BY ALL SUBCONTRACTORS ARE ACCORDING TO SPECIFICATIONS.
  2. EXAMINE THE CONDITION OF ALL EXISTING WORK THAT MAY IMPACT THE QUALITY OF THE SUBCONTRACTOR'S PORTION OF THE WORK.
  3. PREPARE ALL SUBSTRATES AS REQUIRED TO RECEIVE WORK AND ENSURE ALL CONDITIONS ARE SATISFACTORY TO PROCEED.
    - A. PREPARATION OF SUBSTRATES INCLUDES, BUT IS NOT LIMITED TO, SUBSTRATE REPAIRS, SECUREMENT OF SUBSTRATES, ELIMINATING ALL INCOMPATIBLE MATERIALS, AND CLEANING.
  4. VERIFY THE BUILDING CONDITIONS, WEATHER, AND OTHER ENVIRONMENTAL CONDITIONS ARE SATISFACTORY TO PERFORM THE WORK.
  5. WHERE PROJECT CONDITIONS ARE FOUND TO BE UNSATISFACTORY, WORK SHALL NOT BEGIN UNTIL CONDITIONS ARE MADE SATISFACTORY. COMMENCING OF WORK SHALL INDICATE CONTRACTOR'S ACCEPTANCE OF CONDITIONS.
  6. DURING THE PERFORMING OF THE WORK THE SUBCONTRACTOR SHALL CONTINUE TO EXAMINE ALL PROJECT CONDITIONS TO ENSURE THEY REMAIN SATISFACTORY TO COMPLETE THE SPECIFIED WORK.

**7 GENERAL NOTES**

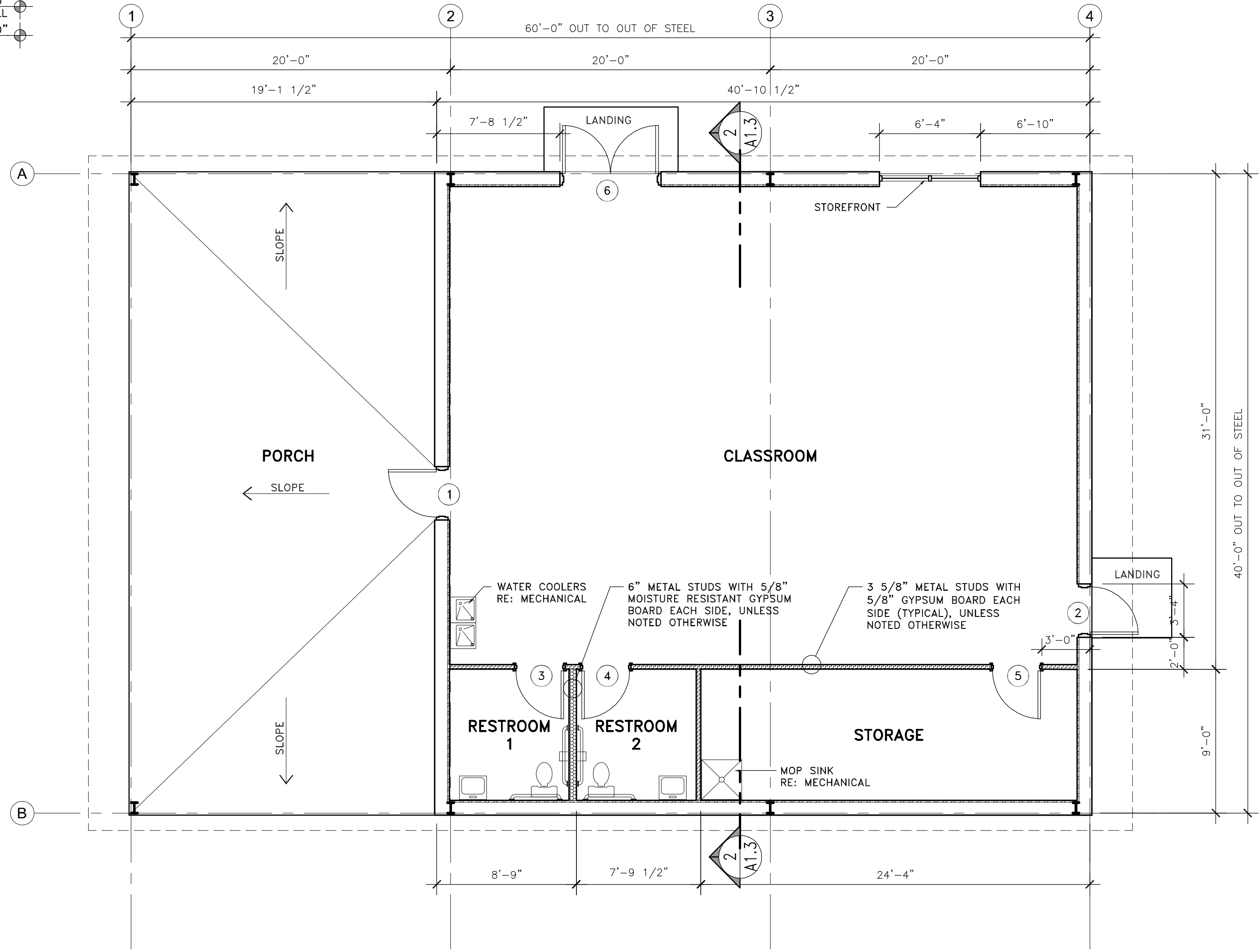
1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK. IF CONDITIONS ARE NOT AS INDICATED NOTIFY THE ARCHITECT.
2. ALL WORK SHALL COMPLY WITH CURRENT EDITIONS OF ALL APPLICABLE LOCAL, STATE, NATIONAL CODES AND ORDINANCES, AS WELL AS LOUISIANA NATIONAL GUARD STANDARDS AND OTHER AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT.
3. SCOPE OF WORK SHALL INCLUDE ANY AND ALL WORK REQUIRED TO ACCOMPLISH THE WORK SHOWN OR REQUIRED BY THIS CONTRACT.
4. ALL PLUS OR MINUS DIMENSIONS SHALL BE FIELD VERIFIED
5. DIMENSIONS ARE FROM THE OUTSIDE FACE OF STEEL (UNLESS OTHERWISE NOTED)
6. COORDINATE ROUGH OPENING SIZES OF ALL DOOR AND WINDOWS PRIOR TO CONSTRUCTION.
7. ALL WARRANTIES SHALL COMMENCE ON THE DATE OF SUBSTANTIAL COMPLETION



**8 DOOR THRESHOLD**  
3/16" = 1'-0"

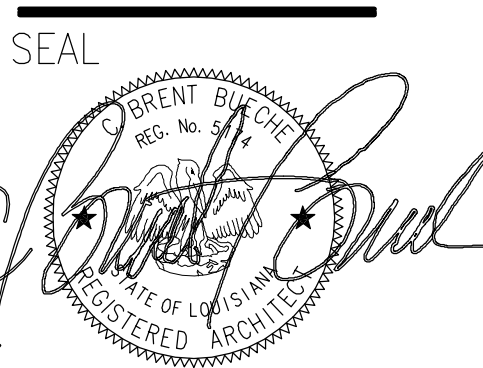
**9 PROJECT NOTES**

1. PROVIDE (2) 10 POUND ABC FIRE EXTINGUISHERS IN CABINETS
2. PROVIDE DOOR SIGNS AT EACH INTERIOR DOOR
3. PROVIDE ADHESIVE APPLIED FLEXIBLE VINYL CORNER GUARDS AT EXTERIOR DOORS WITH EXPOSED OUTSIDE GYPSUM BOARD CORNERS



**1 CLASSROOM - FLOOR PLAN**  
3/16" = 1'-0"

REVISIONS:  
**ADDENDUM No. 1**  
**10/ 21/ 2024**



**BATON ROUGE POLICE DEPARTMENT  
TRAINING FACILITY**  
999 WEST IRENE ROAD, ZACHARY, LA 70791

SHEET TITLE  
**FLOOR PLAN  
ELEVATION**

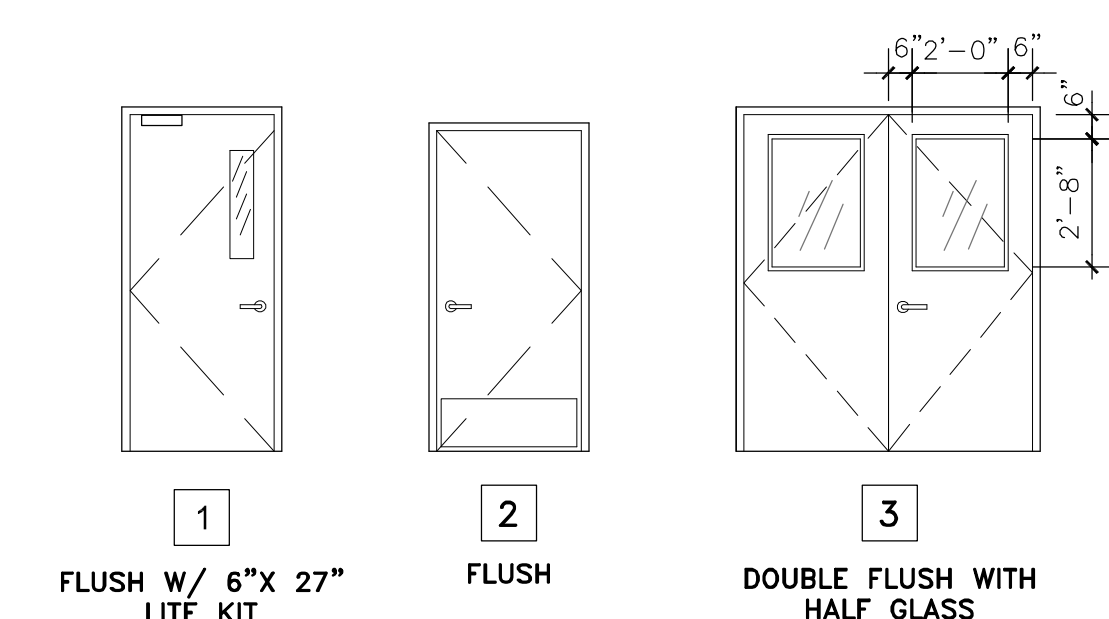
BBI Job No. **A24-005**  
Date **10/1/2024**  
Drawn By **AP**  
Checked By **bb**

SHEET  
**A 1.1**

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3 FINISH SCHEDULE								
ROOM NAME	FLOOR	BASE	WALLS				CEILING	REMARKS
			NORTH	SOUTH	EAST	WEST		
CLASSROOM	POLISHED CONCRETE	RUBBER	PAINTED GYPSUM BOARD	PAINTED GYPSUM BOARD	PAINTED GYPSUM BOARD	PAINTED GYPSUM BOARD	LAY-IN CEILING	
STORAGE	POLISHED CONCRETE	RUBBER	PAINTED GYPSUM BOARD	PAINTED GYPSUM BOARD	PAINTED GYPSUM BOARD	PAINTED GYPSUM BOARD	PAINTED GYPSUM BOARD	
RESTROOM 1	POLISHED CONCRETE	RUBBER	PAINTED GYPSUM BOARD	PAINTED GYPSUM BOARD	PAINTED GYPSUM BOARD	PAINTED GYPSUM BOARD	PAINTED GYPSUM BOARD	
RESTROOM 2	POLISHED CONCRETE	RUBBER	PAINTED GYPSUM BOARD	PAINTED GYPSUM BOARD	PAINTED GYPSUM BOARD	PAINTED GYPSUM BOARD	PAINTED GYPSUM BOARD	

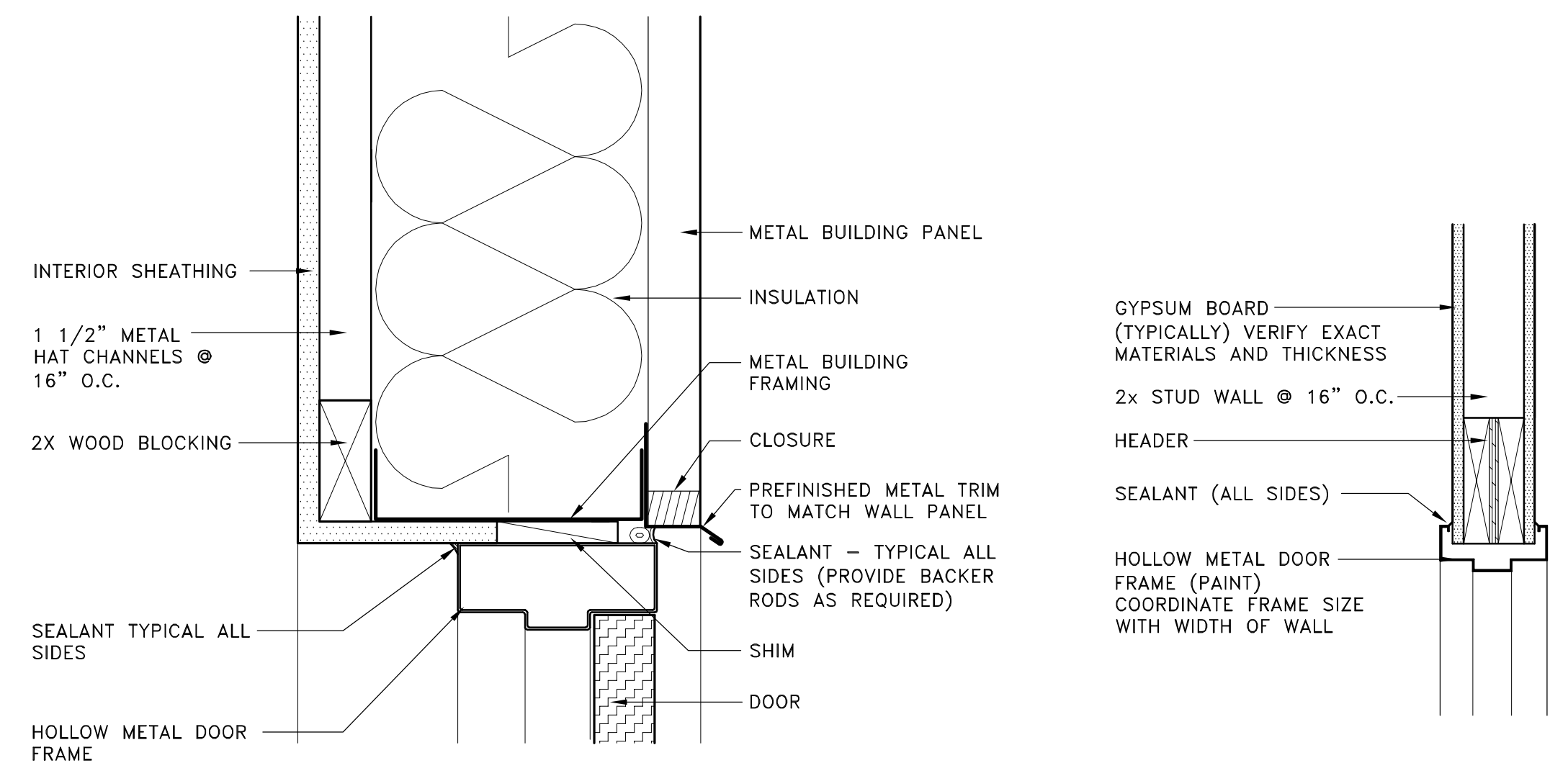
4 FINISH NOTES	
1. THE PAINTING CONTRACTOR SHALL PAINT THE DOOR FRAMES USING A SMOOTH (FOAM) ROLLER COAT FOR THE FIRST COAT AND A BRUSH FOR THE FINISH COAT.	7. PROVIDE ORANGE PEEL FINISH ON ALL EXPOSED GYPSUM BOARD WALLS
2. FULLY PRIME AND PAINT ALL EXTERIOR FERROUS METALS WITH ONE COAT OF PRIMER FOLLOWED BY TWO COATS OF PAINT UNLESS NOTED OTHERWISE.	8. LIGHTING, NORMAL SAFETY, "WET PAINT" SIGNS, ETC. SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH OSHA REQUIREMENTS WHILE WORK IS IN PROGRESS.
3. PAINT LUSTER: 3.1. PROVIDE SATIN FINISH ON WALLS, 3.2. FLAT ON CEILINGS AND 3.3. SEMI-GLOSS ON DOORS, DOOR FRAMES, TRIM & MILLWORK	9. CEILING TILES SHALL BE CLASSIFIED AS CLASS "A".
4. PROVIDE 5/8" GYPSUM BOARD TYPICALLY. UNLESS NOTED OTHERWISE.	10. THE WORK WILL CONSIST OF ALL PREPARATION, PAINTING, FINISHING WORK, CLEAN UP AND RELATED ITEMS NECESSARY TO COMPLETE WORK DESCRIBED IN THESE SPECIFICATIONS.
5. PROVIDE MOISTURE RESISTANT GYPSUM BOARD 3'-0" ABOVE AND WITHIN 4'-0" OF ALL SIDES OF SINKS.	11. KEEP SURFACES, DUST, DIRT AND DEBRIS FREE BEFORE AND DURING PAINTING.
6. ALL GYPSUM BOARD TO BE FASTENED WITH SCREWS, NOT NAILS.	



5 DOOR TYPES  
1/4" = 1'-0"

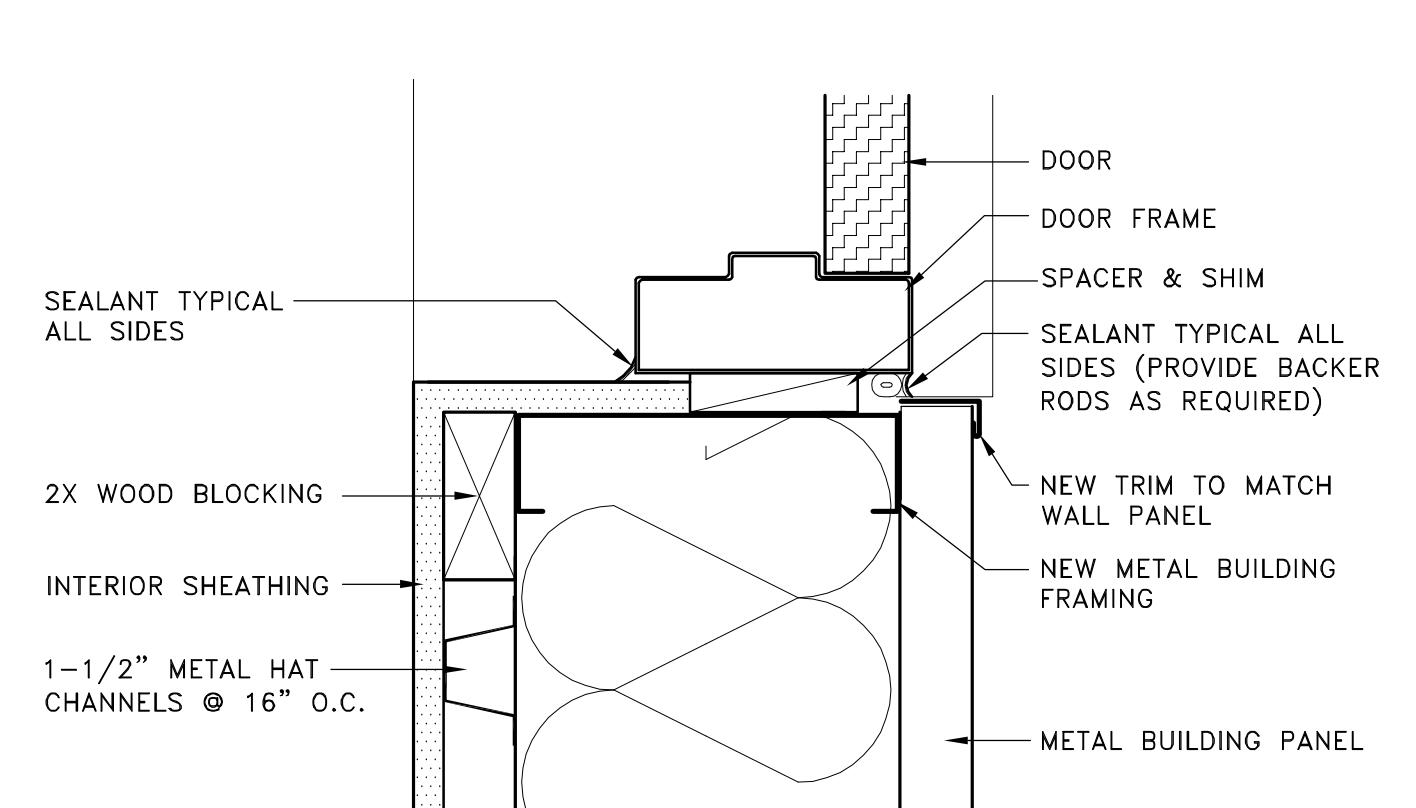
6 DOOR SCHEDULE												
NUMBER	DOOR				DETAILS			FRAME			REMARKS	
	SIZE	TYPE	MATERIAL	FINISH	HWD	HEAD	JAMB	SILL	MATERIAL	SIZE		FINISH
1	3'-0" x 7'-0" x 1-3/4"	2	HOLLOW METAL GALVANIZED	PAINT ALL SIDES	SET #1	8A1.2	9A1.2	8A1.1	HOLLOW METAL GALVANIZED	7 3/4	PAINT ALL SIDES	
2	3'-0" x 7'-0" x 1-3/4"	1	HOLLOW METAL GALVANIZED	PAINT ALL SIDES	SET #1	8A1.2	9A1.2	8A1.1	HOLLOW METAL GALVANIZED	7 3/4	PAINT ALL SIDES	
3	3'-0" x 7'-0" x 1-3/4"	1	HOLLOW METAL GALVANIZED	PAINT ALL SIDES	SET #2	10A1.2	11A1.2	---	HOLLOW METAL GALVANIZED	4 3/4 THROAT	PAINT ALL SIDES	
4	3'-0" x 7'-0" x 1-3/4"	1	HOLLOW METAL GALVANIZED	PAINT ALL SIDES	SET #2	10A1.2	11A1.2	---	HOLLOW METAL GALVANIZED	4 3/4 THROAT	PAINT ALL SIDES	
5	3'-0" x 7'-0" x 1-3/4"	2	HOLLOW METAL	PAINT ALL SIDES	SET #2	10A1.2	11A1.2	---	HOLLOW METAL	4 3/4 THROAT	PAINT ALL SIDES	
6	PAIR 3'-0" x 7'-0" x 1-3/4"	3	HOLLOW METAL GALVANIZED	PAINT ALL SIDES	SET #3	8A1.2	9A1.2	8A1.1	HOLLOW METAL GALVANIZED	7 3/4	PAINT ALL SIDES	

7 HARDWARE SCHEDULE		
SET	QTY.	ITEM
1	1	PIANO HINGE
	1	EXIT DEVICE WITH NIGHT LATCH LEVER TRIM
	1	CYLINDER (KEYED)
	1	DOOR CLOSER WITH HOLD OPEN
	1 SET	WEATHER-STRIPPING
2	1	SPRING LOADED PIANO HINGE
	1	LOCKSET (RESTROOM FUNCTION AT RESTROOMS) (STOREROOM FUNCTION ATE STORAGE ROOM)
	1 SET	WEATHER-STRIPPING
3	2	KICKPLATE
	1	COAT HOOK (MOUNTED TO INSIDE OF DOOR)
	2	CONTINUOUS HINGE
	2	DOOR CLOSER WITH HOLD OPEN
	2	TOP AND BOTTOM JAMB MOUNTED MANUAL FLUSH BOLTS (INACTIVE LEAF)
	1 SET	TOP AND BOTTOM DUSTPROOF STRIKES
	1 SET	LOCKSET (ENTRANCE FUNCTION)
1 SET	WEATHER-STRIPPING	

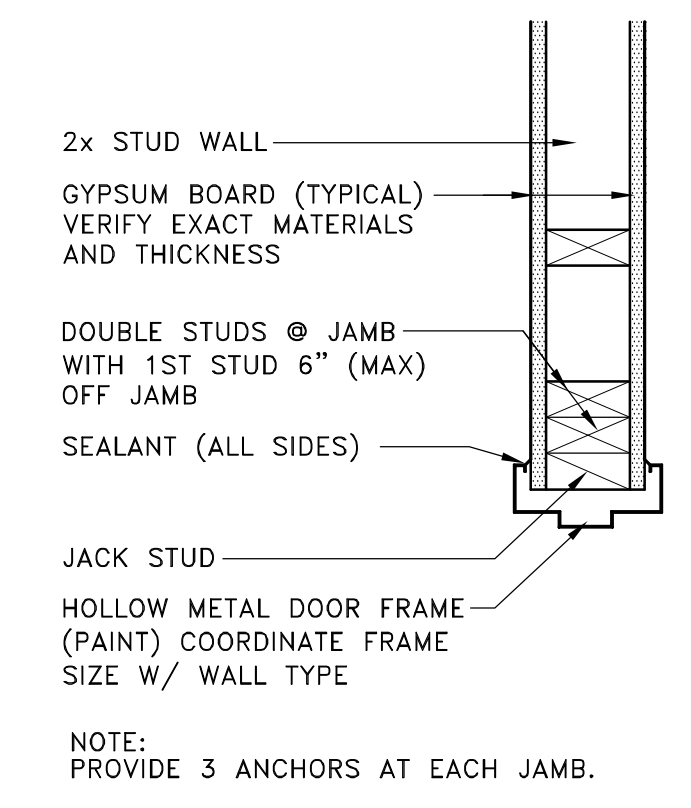


8 DOOR HEAD  
3" = 1'-0"

10 DOOR HEAD  
1 1/2" = 1'-0"



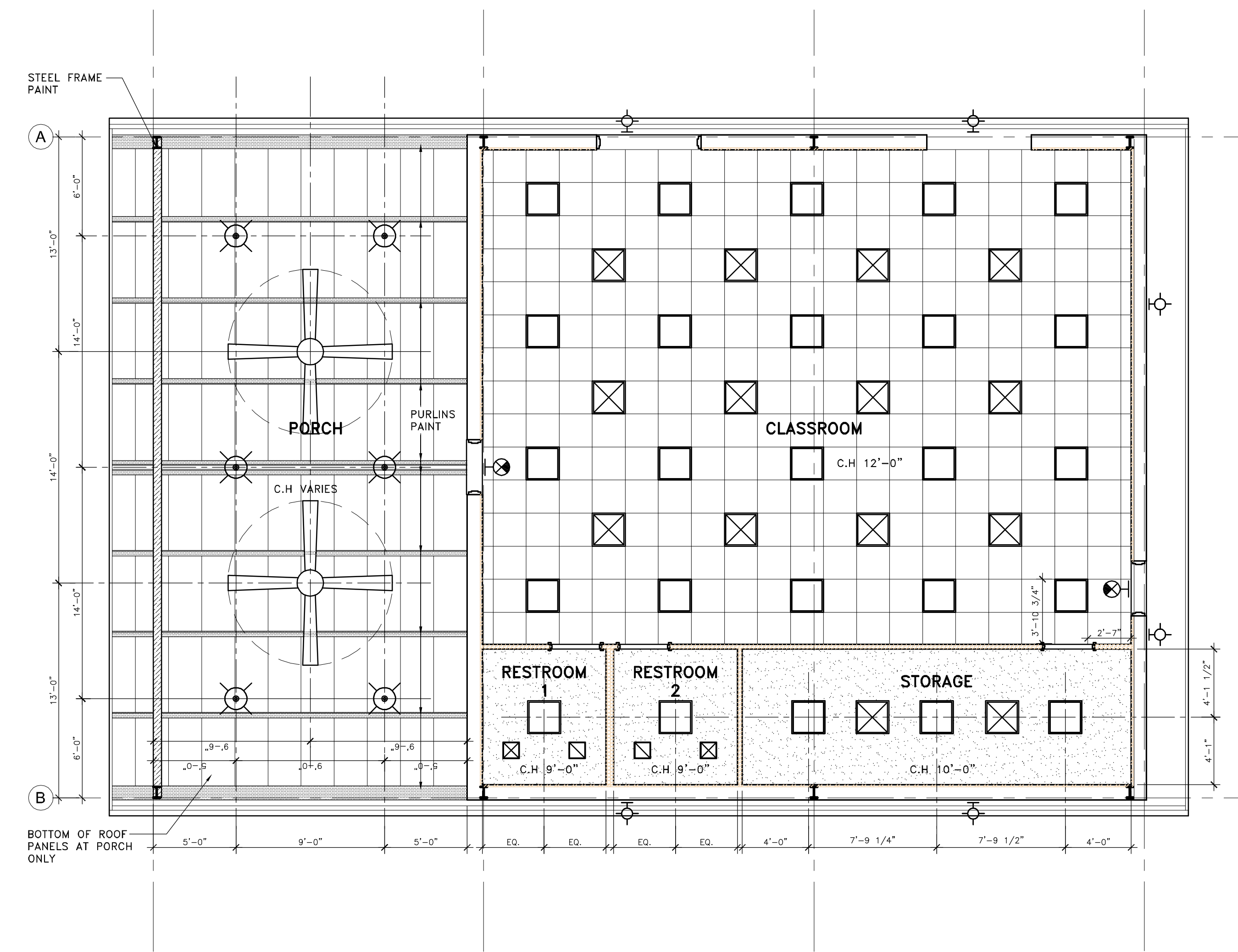
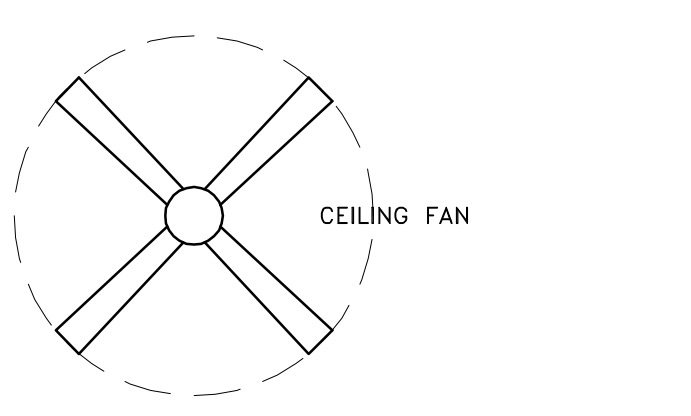
9 DOOR JAMB  
3" = 1'-0"



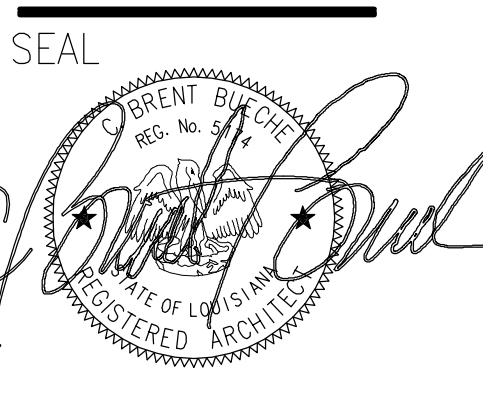
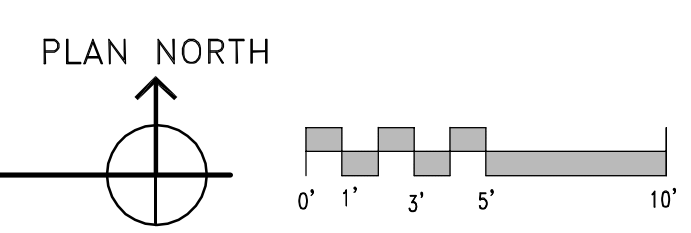
11 DOOR JAMB  
1 1/2" = 1'-0"

2 LEGEND

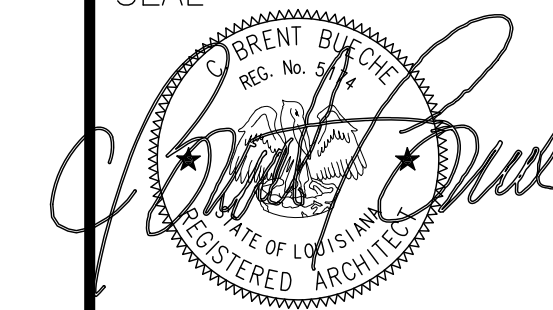
- LAY-IN CEILING RE: 2 & 3 A2.3
- PAINTED GYPSUM BOARD RE: 4A2.3
- LAY-IN LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- WALL MOUNTED LIGHT
- EXIT LIGHT
- 2'x 2' HVAC GRILLE
- 1'x 1' HVAC GRILLE
- RESTROOM EXHAUST GRILLE



1 CLASSROOM CEILING PLAN  
3/16" = 1'-0"



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#### 4 2015 NFPA 101

OCCUPANCY	BUSINESS
CONSTRUCTION	NEW
OCCUPANT LOAD	100sf PER PERSON
CLASSIFICATION OF CONTENTS	ORDINARY
CONSTRUCTION TYPE	II (000)
SPRINKLER	NOT REQUIRED
FIRE ALARM	NOT REQUIRED

<b>OCCUPANT LOAD</b>	
SQUARE FOOTAGE (UNDER ROOF)	2400 SQUARE FEET
SQUARE FOOTAGE (ENCLOSED)	1635 SQUARE FEET
OCCUPANT LOAD	100 SF PER PERSON
<b>OCCUPANCY</b>	
<b>17 PEOPLE</b>	
REQUIRED WIDTH OF EGRESS	17 PEOPLE x 0.2 = 3.4"
PROVIDED WIDTH OF EGRESS	72"

#### 5 2021 IBC CODE

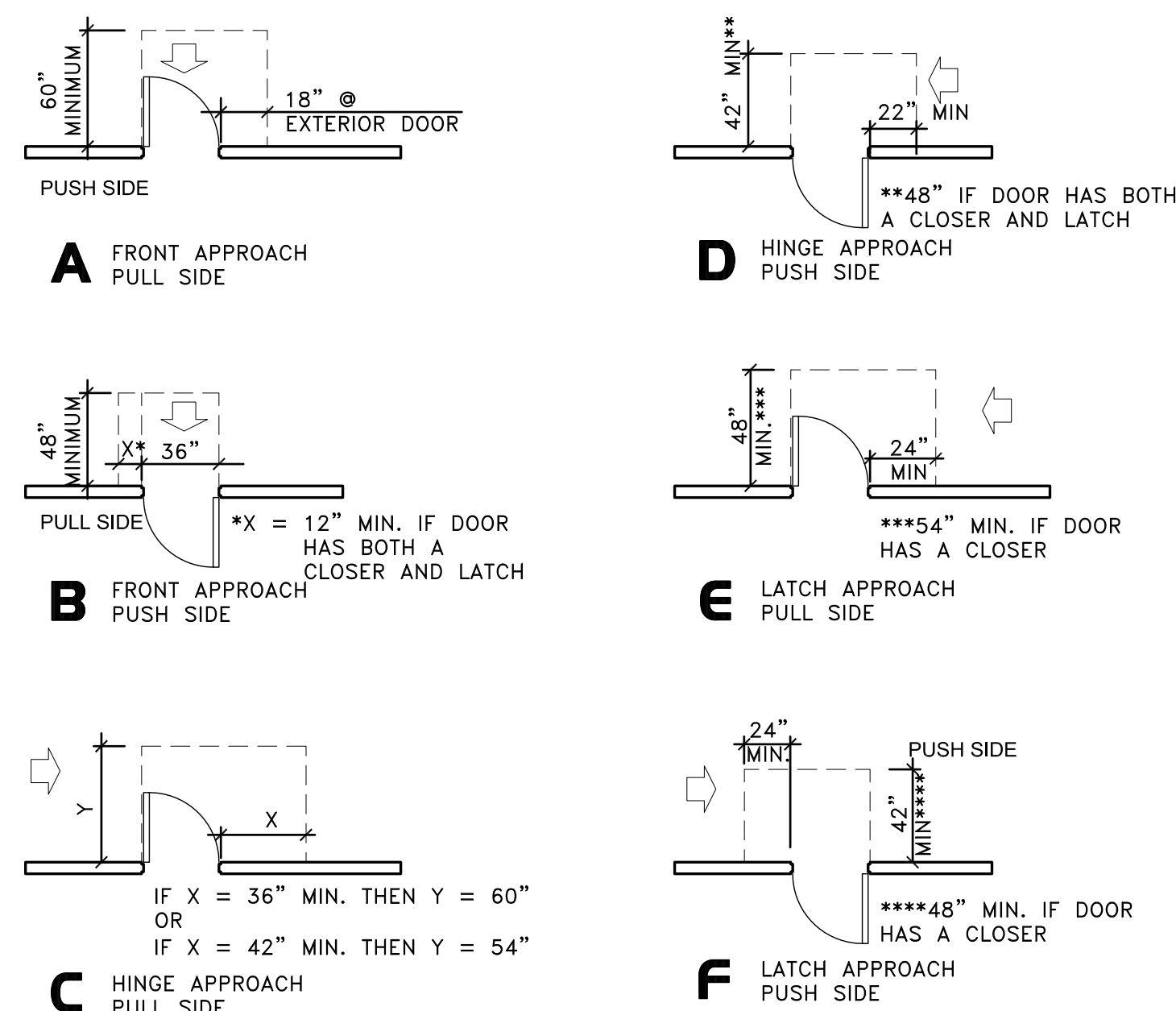
OCCUPANCY	BUSINESS
CONSTRUCTION	NEW
ALLOWABLE HEIGHT IN FEET	40'
ALLOWABLE STORIES	2
ALLOW AREA	9000 SF
SPRINKLER	NOT REQUIRED

CONSTRUCTION TYPE	II
ACTUAL HEIGHT IN FEET	19'-2"
ACTUAL STORIES	1
SQUARE FOOTAGE	1635 SF
OCCUPANT LOAD	17 PEOPLE

#### 6 ACCESSIBILITY NOTES

- ALL LIGHT SWITCHES, VOLUME CONTROLS AND THERMOSTATS IN PUBLIC AREAS SHALL BE MOUNTED NO HIGHER THAN 48" A.F.F.
- ALL PANIC HARDWARE SHALL BE MOUNTED NO HIGHER THAN 46" A.F.F.
- DOOR HARDWARE SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE.
- THE FLOOR SHALL BE LEVEL ON BOTH SIDES OF ALL INTERIOR DOORS.
- FLOOR AND LANDING SURFACES AT EXTERIOR DOORS SHALL BE AT THE SAME ELEVATION. THE INTERIOR SURFACE SHALL BE LEVEL (NO SLOPE) EXTERIOR SURFACE SHALL HAVE A SLOPE OF 2% (MAXIMUM) IN THE DIRECTION OF WATER DRAINAGE.
- ALL THRESHOLDS, FLOOR LEVEL CHANGES AND FLOOR TRANSITIONS SHALL NOT EXCEED 1/2" IN HEIGHT AND SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.
- ALL FLOOR DRAINS SHALL BE LOCATED OUT OF THE PATH OF TRAVEL SO THAT THE FLOOR DOES NOT HAVE A SLOPE GREATER THAN 1:50 (2%) ALONG AN ACCESSIBLE ROUTE.
- EXTERIOR WALKING SURFACE THAT ARE A PORTION OF THE ACCESSIBLE ROUTE SHALL HAVE A 2% CROSS SLOPE MAXIMUM (IN THE DIRECTION OF WATER DRAINAGE)
- FLUSH VALVES ON THE TOILETS SHALL ALWAYS BE LOCATED ON THE WIDE SIDE OF THE TOILET AREA AND REQUIRE 5 LBS. OF FORCE OR LESS TO OPERATE.
- FAUCETS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE. THE FORCE REQUIRED TO ACTIVATE SHALL BE 5 POUNDS MAXIMUM.
- LAVATORIES SHALL HAVE LEVER HANDLES AND SHOULD EXTEND 17" MINIMUM FROM THE REAR WALL, BE MOUNTED 34" A.F.F. AND HAVE 27" MINIMUM KNEE CLEARANCE EXTENDING 8" MINIMUM UNDER THE EDGE OF THE LAVATORY.
- ALL EXPOSED DRAIN LINES AND WATER LINES UNDER LAVATORIES SHALL BE INSULATED.
- GRAB BARS SHALL BE 1 1/4" TO 1 1/2" DIAMETER, MOUNTED 33" - 36" A.F.F. THE SPACE BETWEEN GRAB BARS AND ADJACENT WALL SURFACE SHALL BE 1 1/2". GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
- MIRRORS SHALL BE MOUNTED 40" MAX TO THE BOTTOM OF THE REFLECTIVE SURFACE.
- COAT HOOKS IN THE TOILET STALLS SHALL BE MOUNTED TO THE BACKSIDES OF DOORS AT 48" A.F.F. IN ACCESSIBLE STALLS AND 60" IN STANDARD STALLS.
- IF UMBRELLAS OR AWNINGS ARE USED ON THE SITE, THE BOTTOM FLAPS SHALL BE A MINIMUM OF 6'-8" ABOVE THE FINISHED GRADE.
- ACCESSIBLE TABLES SHALL BE A MINIMUM OF 27" CLEAR KNEE SPACE A.F.F. AND HAVE A CLEAR AREA OF AT LEAST 19" DEEP. TOP OF TABLE SHALL BE 34" A.F.F.
- FOR CLARIFICATIONS OF REQUIREMENTS OR QUESTIONS PLEASE CONTACT THE ARCHITECT.

#### 7 DOOR CLEARANCE LEGEND



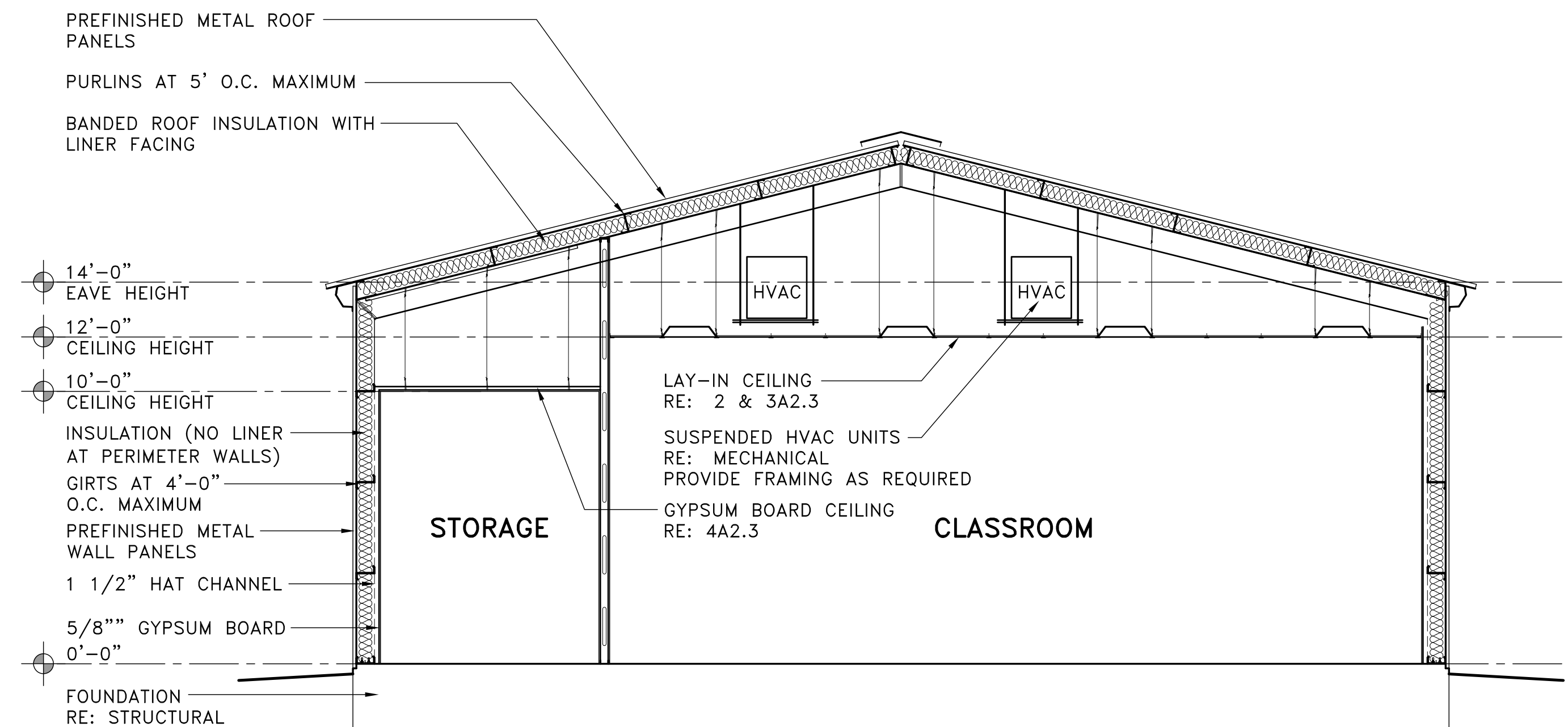
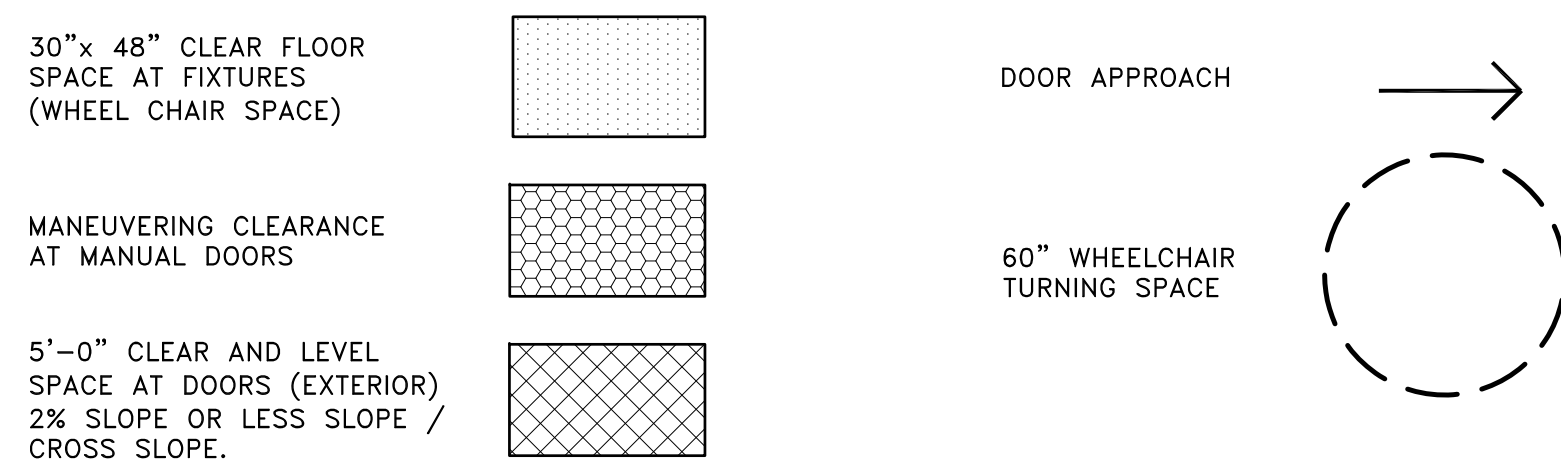
#### 8 CODE NOTES

- ADDITIONAL RESTROOMS ARE PROVIDED IN THE MAIN BUILDING
- THERE IS 37' CLEAR SPACE BETWEEN BUILDINGS. ASSUMING THE COMMON PROPERTY LINE WILL BE IN THE MIDDLE, THIS WOULD PROVIDE 18'-6" FROM BUILDING TO PROPERTY LINE

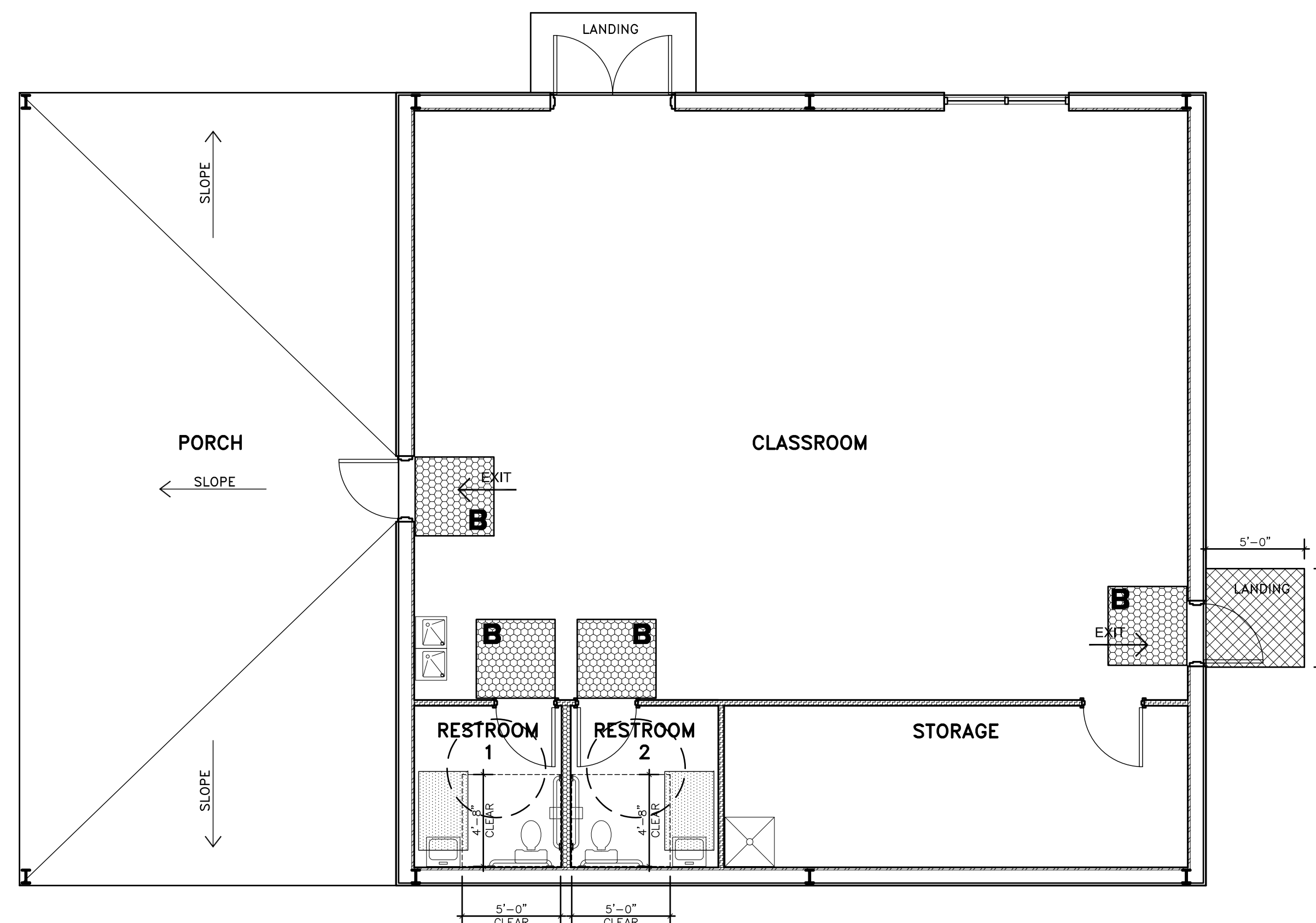
#### 9 SQUARE FOOTAGE

UNDER ROOF	1600 SF
PORCH	800 SF
TOTAL	2400 SF

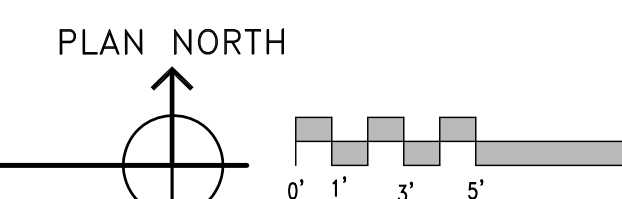
#### 3 LEGEND



2 SECTION  
1/4" = 1'-0"

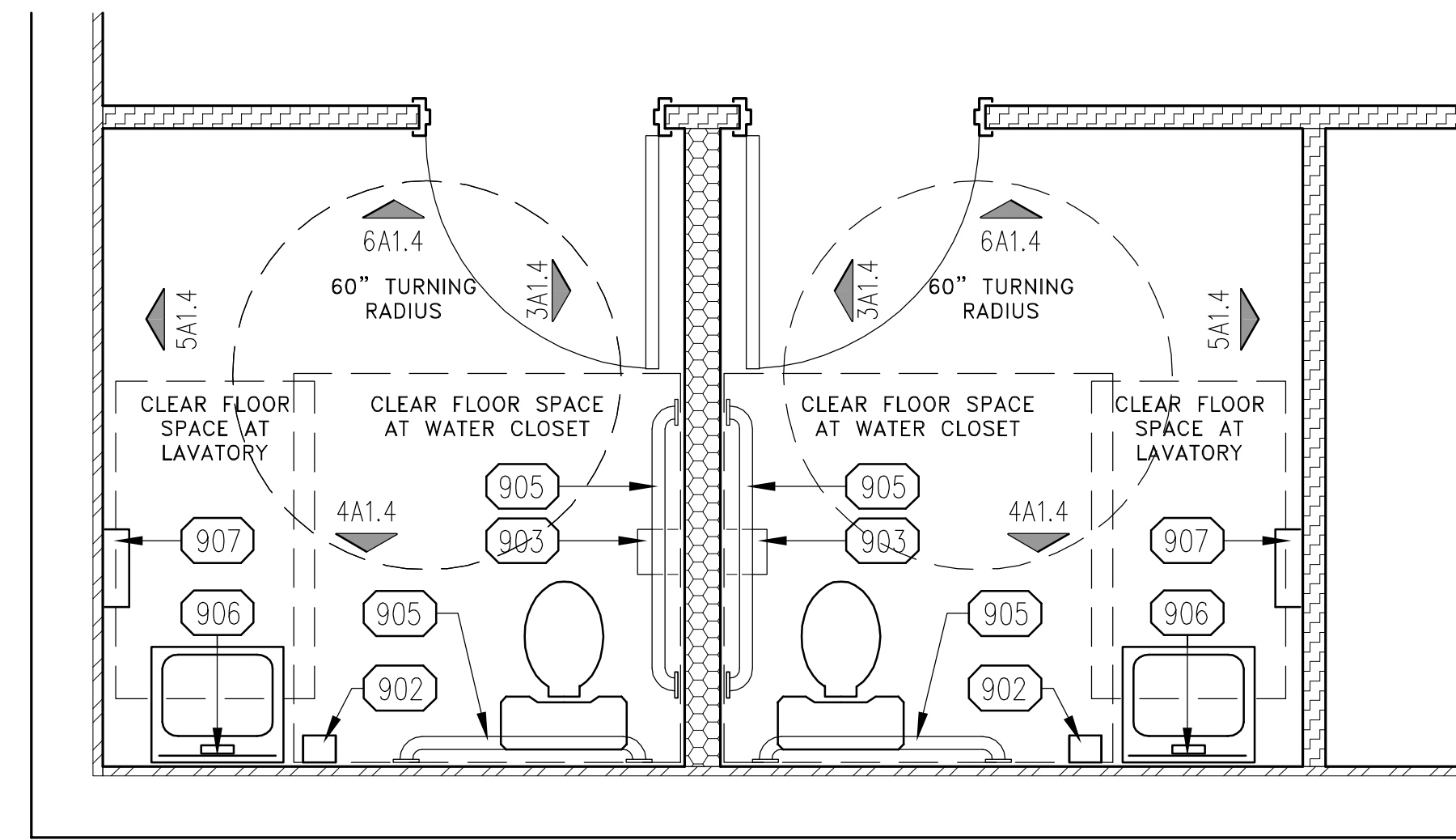


1 LIFE SAFETY PLAN  
3/16" = 1'-0"

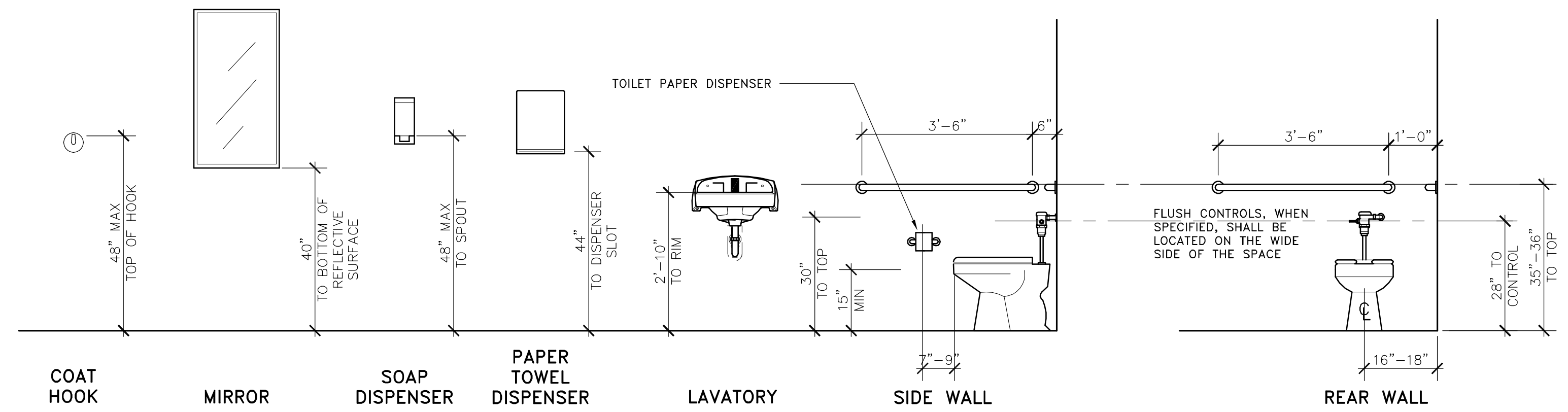


REVISIONS:

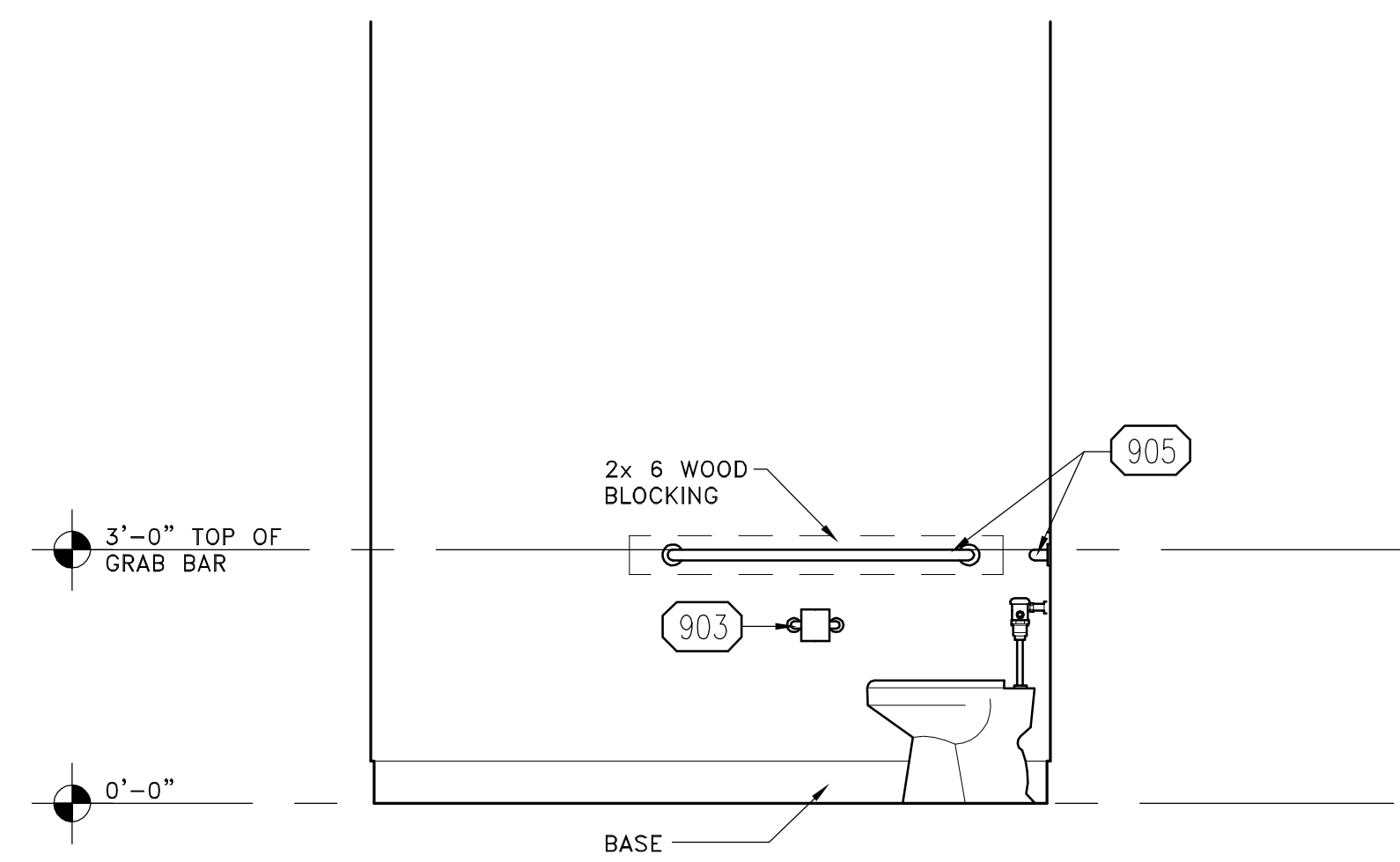
ADDENDUM No. 1  
10/ 21/ 2024



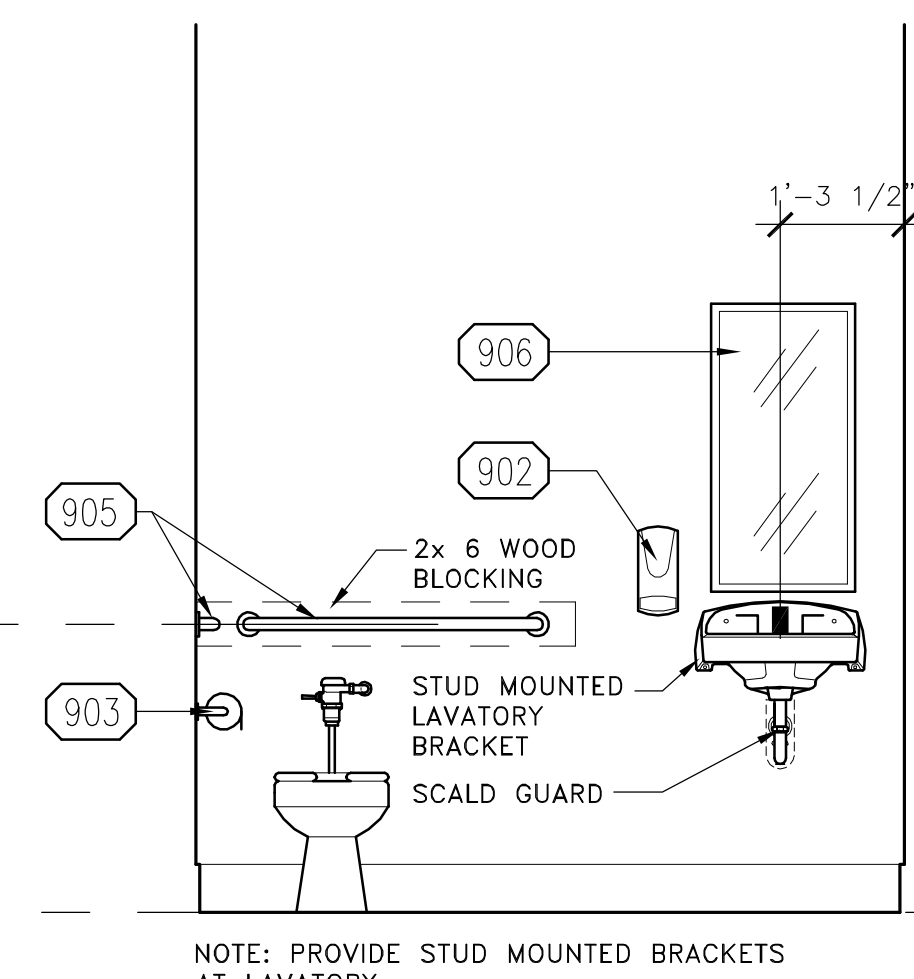
**1 RESTROOM PLAN**  
1/2" = 1'-0"



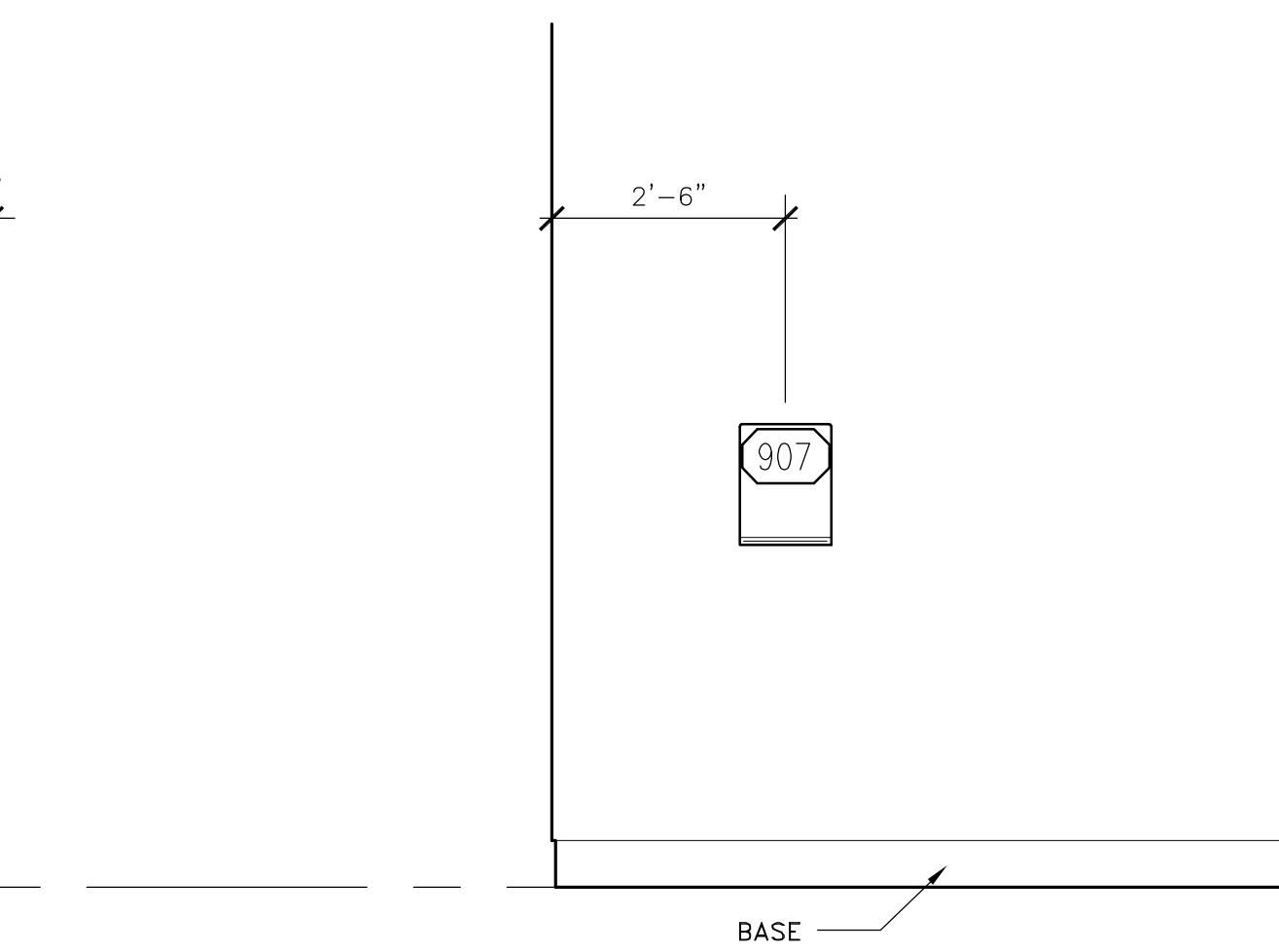
**2 FIXTURES AND ACCESSORIES MOUNTING HEIGHTS**  
1/2" = 1'-0"



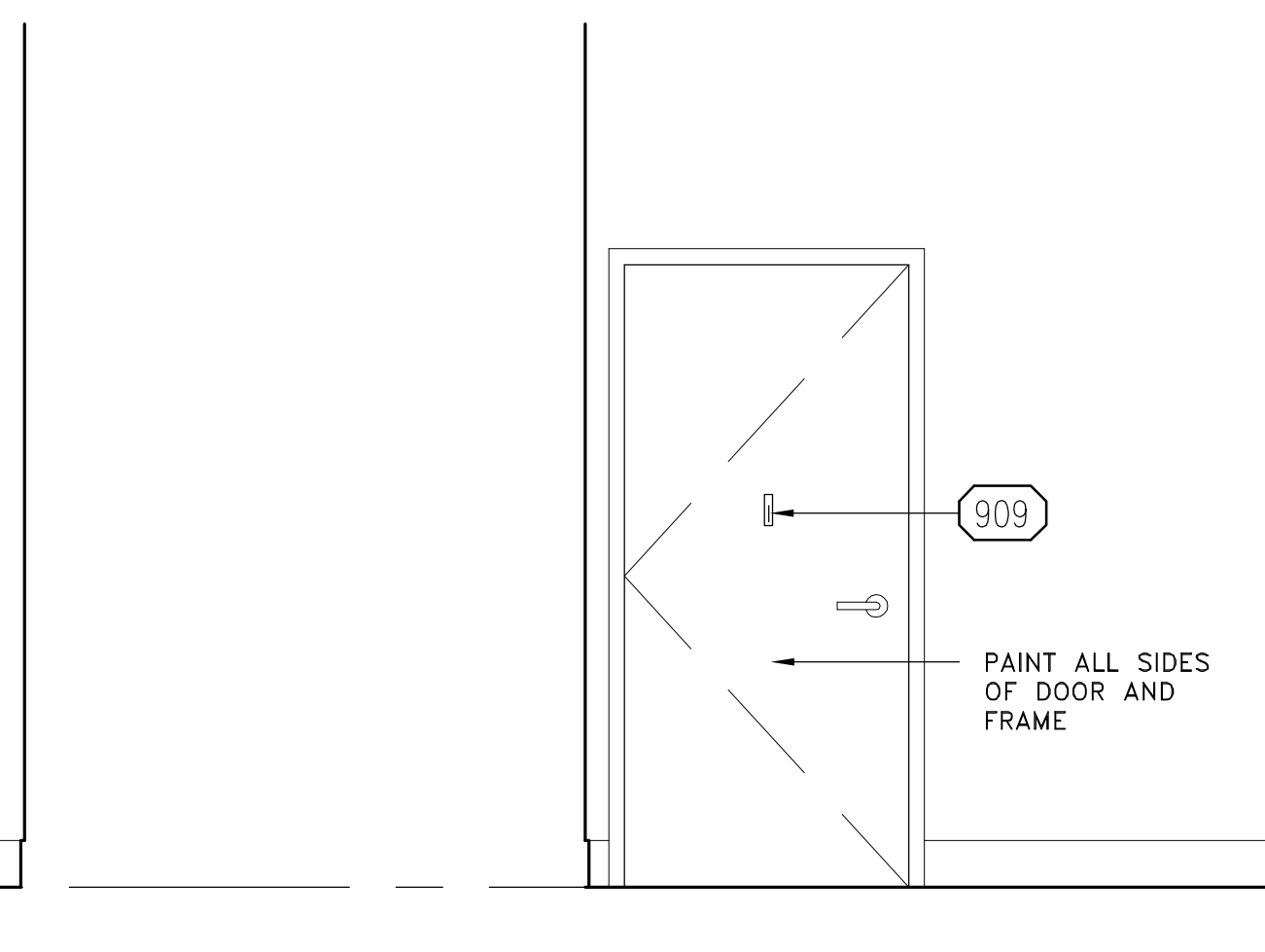
**3 WATER CLOSET SIDE WALL**  
1/2" = 1'-0"



**4 TOILET - REAR WALL**  
1/2" = 1'-0"



**5 END WALL**  
1/2" = 1'-0"



**6 DOOR WALL**  
1/2" = 1'-0"

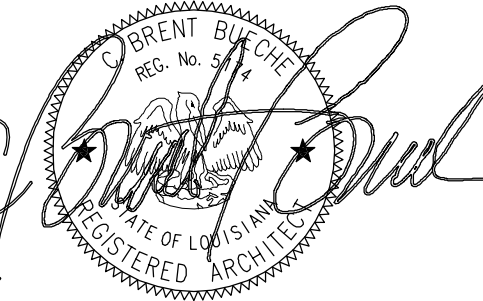
MARK	DESCRIPTION	FURNISHED BY	INSTALLED BY	NOTES
902	SOAP DISPENSER	OWNER	GENERAL CONTRACTOR	
903	TOILET PAPER DISPENSER	OWNER	GENERAL CONTRACTOR	
905	GRAB BAR	GENERAL CONTRACTOR	GENERAL CONTRACTOR	
906	MIRROR	GENERAL CONTRACTOR	GENERAL CONTRACTOR	
907	PAPER TOWEL DISPENSER	GENERAL CONTRACTOR	GENERAL CONTRACTOR	
908	TRASH RECEPTACLE	OWNER	OWNER	
909	COAT HOOK	GENERAL CONTRACTOR	GENERAL CONTRACTOR	

**8 RESTROOM SIGNAGE**

- ADA COMPLIANT PANEL SIGNS WITH RAISED COPY TO BE BY GEMINI INCORPORATED OR APPROVED EQUAL.
- SIGNS TO BE ONE - PIECE CONSTRUCTION, WITH LETTERS, NUMBERS AND SYMBOLS CONTRASTING WITH BACKGROUND.
- EDGE CONDITION TO BE SQUARE - CUT, CORNER CONDITION TO BE SQUARE. COLOR TO BE SELECTED BY CONSTRUCTION MANAGER FROM MANUFACTURER'S FULL RANGE, RE: 9A6.1.
- TACTILE CHARACTERS/SYMBOLS TO BE RAISED 1/32" FROM SIGN PLATE FACE.
- TEXT SHALL BE ACCOMPANIED BY GRADE 2 BRAILLE.
- LETTERING SHALL BE IN UPPERCASE SANS SERIF.
- SIZES OF LETTERS AND NUMBERS TO BE AS FOLLOWS:
  - ROOM NUMBERS ; 5/8" HIGH
  - LETTERING FOR ROOM USAGE AND DIRECTIONAL IDENTIFICATION SHALL BE 5/8" HIGH
  - LETTERING FOR RESTROOM IDENTIFICATION SHALL BE 5/8" HIGH, CORRESPONDING SYMBOLS SHALL BE 3" HIGH
  - LETTERS AND NUMBERS SHALL BE CENTERED ON SIGN
- RESTROOM SIGNS SHALL BE 6" X 9"
- SIGNS TO BE LOCATED PER ADA - ABA ACCESSIBILITY GUIDELINES USING MANUFACTURER'S STANDARD MOUNTING HARDWARE



SEAL



BATON ROUGE POLICE DEPARTMENT  
TRAINING FACILITY  
999 WEST IRENE ROAD, ZACHARY, LA 70791

SHEET TITLE

RESTROOMS

BBi Job No. A24-005

Date 10/1/2024

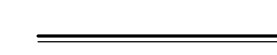



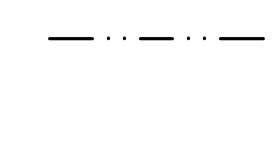

Drawn By AP

Checked By bb

SHEET

A 1.4

## 2 LEGENDS

-  EXTERIOR WALL  
RE: 2A4.1
-  INTERIOR WALL  
RE: 5A4.1
-  BUILDING COLUMN  
RE: STRUCTURAL
-  CATWALK AND STAIR COLUMN  
RE: STRUCTURAL
-  UPPER WALL BRACE. (2) 2x 6's  
ATTACHED TO STUD ON EACH SIDE  
WRAP WITH SHEATHING TO MATCH  
WALL
-  WINDOW 2840 SINGLE HUNG VINYL  
WINDOW

## 3 PROJECT NOTES

1. PAINT ALL INTERIOR WALLS, DOORS, TRIM, PANELS ETC.
2. PROVIDE (3) 10 POUND ABC FIRE EXTINGUISHERS
3. PROVIDE 1/4" BC EXTERIOR PLYWOOD DOOR COVERS FOR EACH INTERIOR DOOR. COVERS AND DOOR FRAMES SHALL BE EQUIPPED WITH 6 MAGNETS (3 ON EACH SIDE) THAT WILL HOLD THE PANELS IN PLACE. PROVIDE HOLE(S) IN COVER FOR DOOR HARDWARE. INCLUDE MATCHING WALL MOUNTED MAGNETS ATTACHED TO WALL ADJACENT TO THE DOOR TO STORE THE COVER WHEN NOT IN PLACE OVER THE DOOR. PAINT ALL SIDES.
4. PROVIDE FULL SET OF REPLACEMENT WINDOWS (NOT INSTALLED). DELIVER TO JOBSITE AND STORE AS DIRECTED.
5. PROVIDE REPLACEMENT PREHUNG DOORS AS FOLLOWS. DELIVER TO THE JOBSITE AND STORE AS DIRECTED.
  - (1) 3'-0" x 6'-8"
  - (15) 2'-8" x 6'-8"
  - (8) 2'-6" x 6'-8"
  - (5) 2'-4" x 6'-8"
  - (1) 2'-0" x 6'-8"
6. AT EACH HALL PROVIDE ONE MOVABLE "PLUG". PLUG SHALL BE THE FULL WIDTH OF THE HALL. CONSTRUCTED OF 2x 4 PERIMETER FRAME (WITH CORNER BLOCKING) AND 1/4" BC EXTERIOR PLYWOOD FACE AND (2) 6-1/2" ZINC-PLATED HEAVY-DUTY DOOR PULLS.

## 4 FINISH NOTES

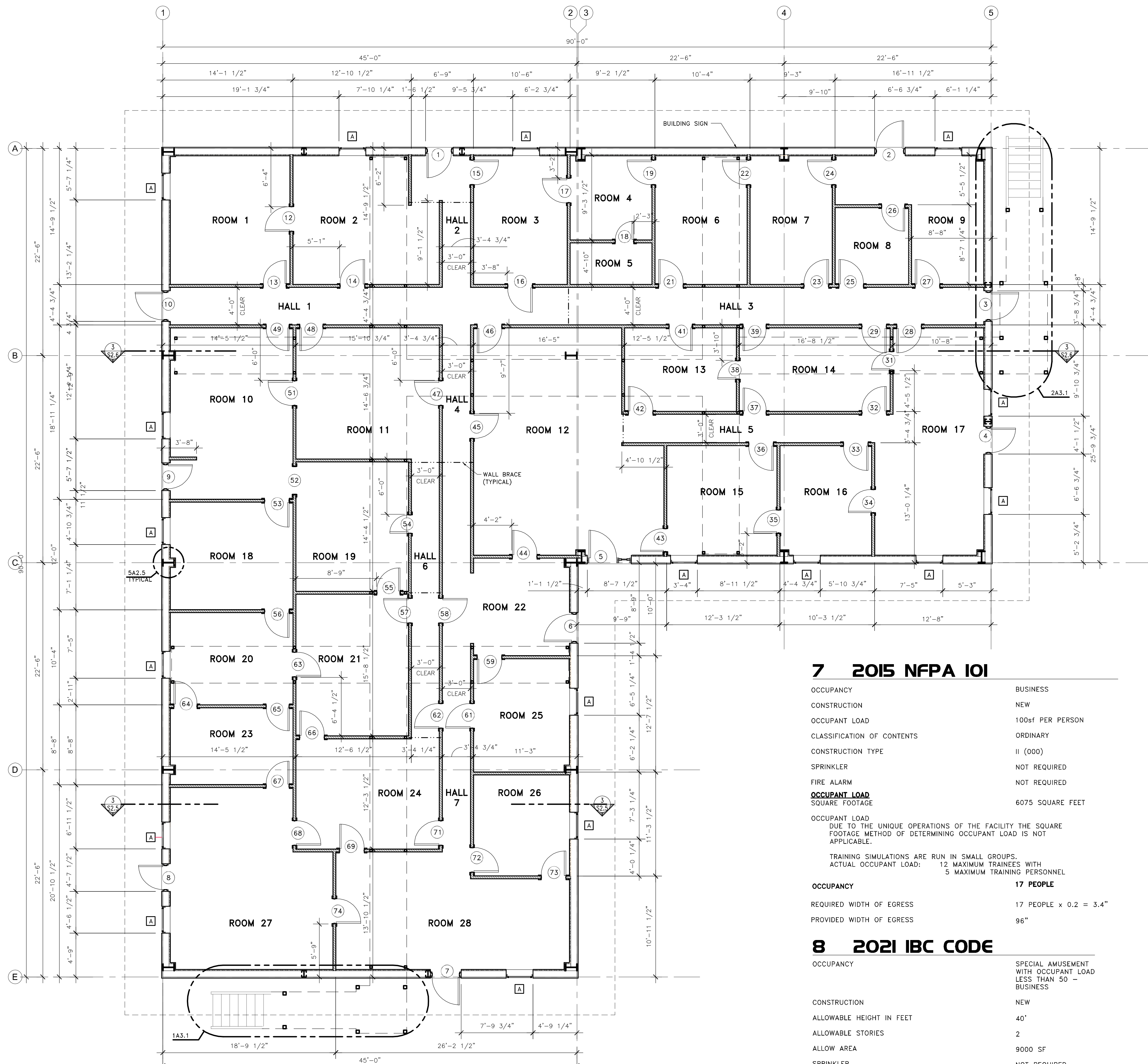
1. THE PAINTING CONTRACTOR SHALL PAINT THE DOOR FRAMES USING A SMOOTH (FOAM) ROLLER COAT FOR THE FIRST COAT AND A BRUSH FOR THE FINISH COAT.
2. FULLY PRIME AND PAINT ALL EXTERIOR FERROUS METALS WITH ONE COAT OF PRIMER FOLLOWED BY TWO COATS OF PAINT UNLESS NOTED OTHERWISE.
3. PROVIDE 5/8" PAPERLESS GYPSUM BOARD TYPICALLY. UNLESS NOTED OTHERWISE WITH LEVEL 3 FINISH.
4. ALL GYPSUM BOARD TO BE FASTENED WITH SCREWS.
5. PROVIDE ORANGE PEEL FINISH ON ALL EXPOSED GYPSUM BOARD WALLS
6. WALLS AND DOORS SHALL BE PAINTED WITH EXTERIOR GRADE PAINTS
7. PROVIDE ORANGE PEEL FINISH ON ALL EXPOSED GYPSUM BOARD WALLS
8. PAINT LUSTER:
  - 8.1. PROVIDE SATIN FINISH ON WALLS,
  - 8.2. FLAT ON CEILINGS AND
  - 8.3. SEMI-GLOSS ON DOORS, DOOR FRAMES, TRIM & MILLWORK
9. PROVIDE VINYL CORNER BEADS, J MOLD AND OTHER GYPSUM BOARD ACCESSORIES
10. LIGHTING, NORMAL SAFETY, "WET PAINT" SIGNS, ETC. SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH OSHA REQUIREMENTS WHILE WORK IS IN PROGRESS.
11. THE WORK WILL CONSIST OF ALL PREPARATION, PAINTING, FINISHING WORK, CLEAN UP AND RELATED ITEMS NECESSARY TO COMPLETE WORK DESCRIBED IN THESE SPECIFICATIONS.
12. KEEP SURFACES, DUST, DIRT AND DEBRIS FREE BEFORE AND DURING PAINTING.

## 5 CODE NOTES

1. THIS BUILDING IS DESIGNED TO SIMULATED REAL WORLD SCENARIOS FOR POLICE TRAINING. THE SPACES ARE DESIGNED TO SIMULATE OFTEN ENCOUNTERED PHYSICAL ENVIRONMENTS. THE OCCUPANTS ARE UNDER THE DIRECT SUPERVISION OF TRAINING PERSONNEL.
2. TRAINING SIMULATIONS WILL BE IN GROUPS OF LESS THAN 12 PEOPLE
3. RESTROOMS ARE PROVIDED IN THE CLASSROOM BUILDING AND MAIN BUILDING
4. THERE IS 37' CLEAR SPACE BETWEEN BUILDINGS. ASSUMING THE COMMON PROPERTY LINE WILL BE IN THE MIDDLE, THIS WOULD PROVIDE 18'-6" FROM BUILDING TO PROPERTY LINE

## 6 SQUARE FOOTAGE

TOTAL 6075 SF



## 1 SIMULATOR BUILDING - FLOOR PLAN

3/16" = 1'-0"

## 7 2015 NFPA 101

OCCUPANCY	BUSINESS
CONSTRUCTION	NEW
OCCUPANT LOAD	100sf PER PERSON
CLASSIFICATION OF CONTENTS	ORDINARY
CONSTRUCTION TYPE	II (000)
SPRINKLER	NOT REQUIRED
FIRE ALARM	NOT REQUIRED
<b>OCCUPANT LOAD</b>	<b>6075 SQUARE FEET</b>
SQUARE FOOTAGE	

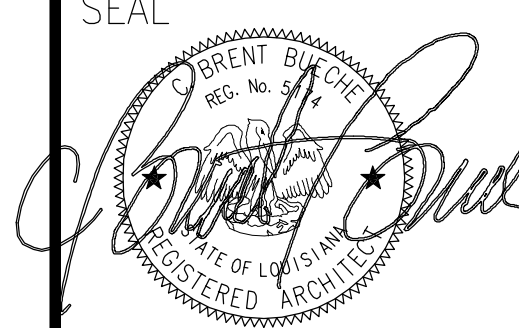
OCCUPANT LOAD  
DUE TO THE UNIQUE OPERATIONS OF THE FACILITY THE SQUARE FOOTAGE METHOD OF DETERMINING OCCUPANT LOAD IS NOT APPLICABLE.

TRAINING SIMULATIONS ARE RUN IN SMALL GROUPS.  
ACTUAL OCCUPANT LOAD: 12 MAXIMUM TRAINEES WITH 5 MAXIMUM TRAINING PERSONNEL

OCCUPANCY	17 PEOPLE
REQUIRED WIDTH OF EGRESS	17 PEOPLE x 0.2 = 3.4"
PROVIDED WIDTH OF EGRESS	96"

## 8 2021 IBC CODE

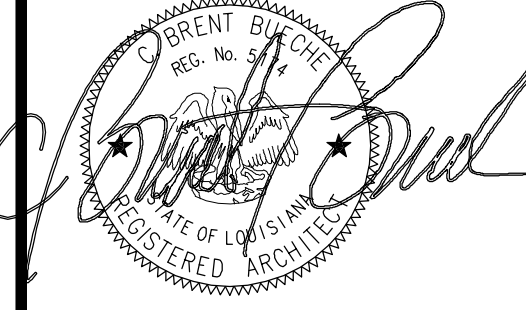
OCCUPANCY	SPECIAL AMUSEMENT WITH OCCUPANT LOAD LESS THAN 50 - BUSINESS
CONSTRUCTION	NEW
ALLOWABLE HEIGHT IN FEET	40'
ALLOWABLE STORIES	2
ALLOW AREA	9000 SF
SPRINKLER	NOT REQUIRED
CONSTRUCTION TYPE	II



REVISIONS:

ADDENDUM No. 1  
10/ 21/ 2024

SEAL



BATON ROUGE POLICE DEPARTMENT  
TRAINING FACILITY  
999 WEST IRENE ROAD, ZACHARY, LA 70791

SHEET TITLE

CATWALK  
PLAN

BBI Job No. A24-005

Date 10/1/2024

Drawn By se

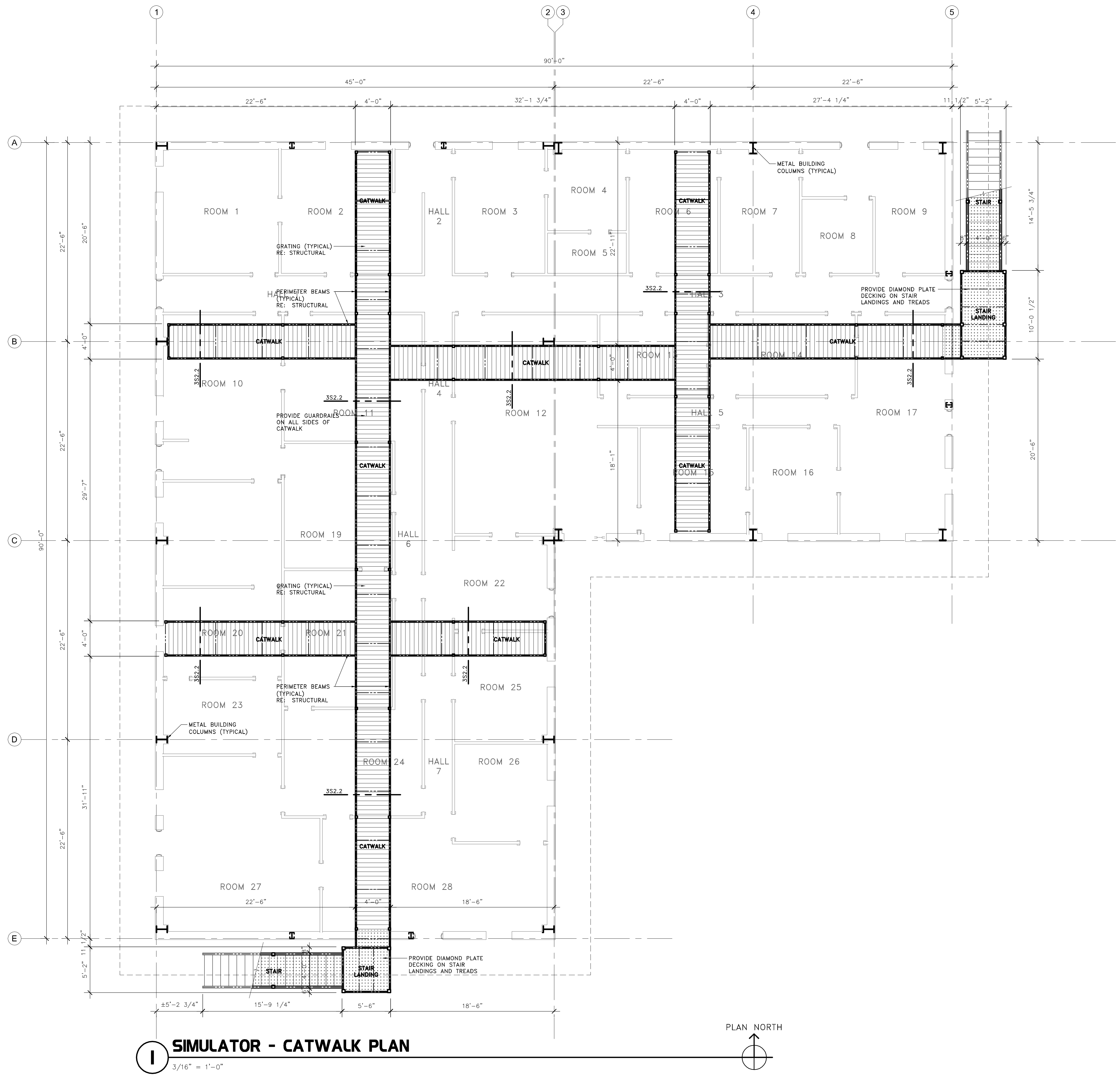
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SHEET

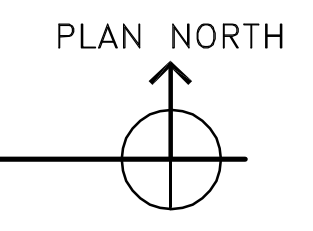
A 2.2

**2 FRAMING NOTES**

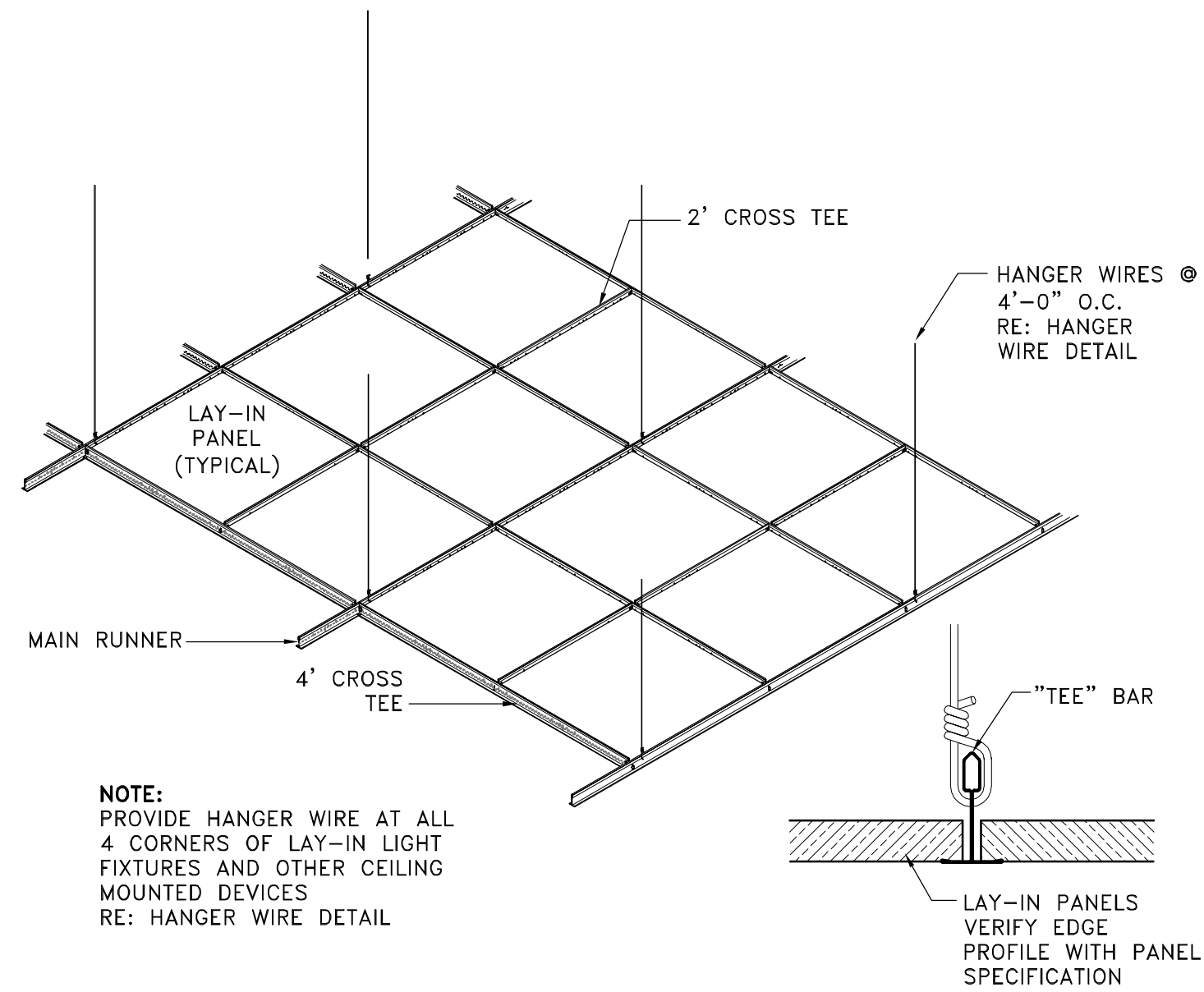
1. DO NOT SCALE DRAWINGS
2. DIMENSIONS ARE TO THE FACE OF STEEL UNLESS NOTED OTHERWISE
3. CONSTRUCTION DOCUMENTS SHALL NOT BE USED AS SHOP DRAWINGS.
4. ALL ELEVATIONS ARE FROM THE TOP OF FINISH SLAB



**I SIMULATOR - CATWALK PLAN**  
3/16" = 1'-0"



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## 2 SUSPENDED DRYWALL CEILING

1 1/2" = 1'-0"

1. WIRE FOR HANGERS AND TIES: ASTM A 641, CLASS 1 ZINC COATING, SOFT TEMPER, PRE-STRETCHED, WITH A YIELD STRESS LOAD OF AT LEAST THREE DESIGN LOAD, BUT NOT LESS THAN 12 GAUGE.
2. HANGER WIRES SHALL BE 12 GAUGE AND SPACED 4 FEET ON CENTER OR 10 GAUGE SPACED 5 FEET ON CENTER MAXIMUM.
3. ALL WIRE TIES ARE TO BE THREE TIGHT TURNS AROUND ITSELF WITHIN THREE INCHES.
4. PROVIDE THE FOLLOWING HANGER WIRE SUPPORTS FOR DECORATIVE ELEMENTS, CEILING TREATMENTS, LIGHT FIXTURES, AIR TERMINALS AND OTHER DEVICES. HANGER WIRES SHALL BE CONNECTED FROM THE SUSPENDED COMPONENT TO THE STRUCTURE ABOVE.
  - A. WEIGHING LESS THAN 10 POUNDS SHALL HAVE ONE 12 GAUGE HANGER WIRE.
  - B. WEIGHING MORE THAN 10 POUNDS AND LESS THAN 56 LBS. SHALL HAVE TWO 12 GAUGE WIRES ATTACHED AT OPPOSING CORNERS.
  - C. WEIGHING MORE THAN 56 LBS. SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE. COORDINATE METHOD OF SUPPORT WITH THE ARCHITECT.
5. PENDANT MOUNTED FIXTURES WEIGHING MORE THAN 5 POUNDS SHALL BE DIRECTLY SUPPORTED FROM THE STRUCTURE ABOVE USING A 9 GAUGE WIRE OR AN APPROVED ALTERNATE SUPPORT WITHOUT USING THE CEILING SUSPENSION SYSTEM FOR DIRECT SUPPORT.
6. HANGER WIRES MUST BE PLUMB WITHIN 1 IN 6 (FIGURE A) UNLESS COUNTER SLOPING WIRES ARE PROVIDED (FIGURE B).

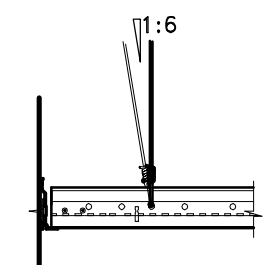


FIGURE A

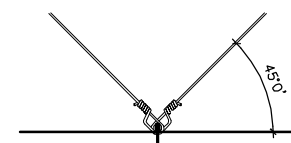
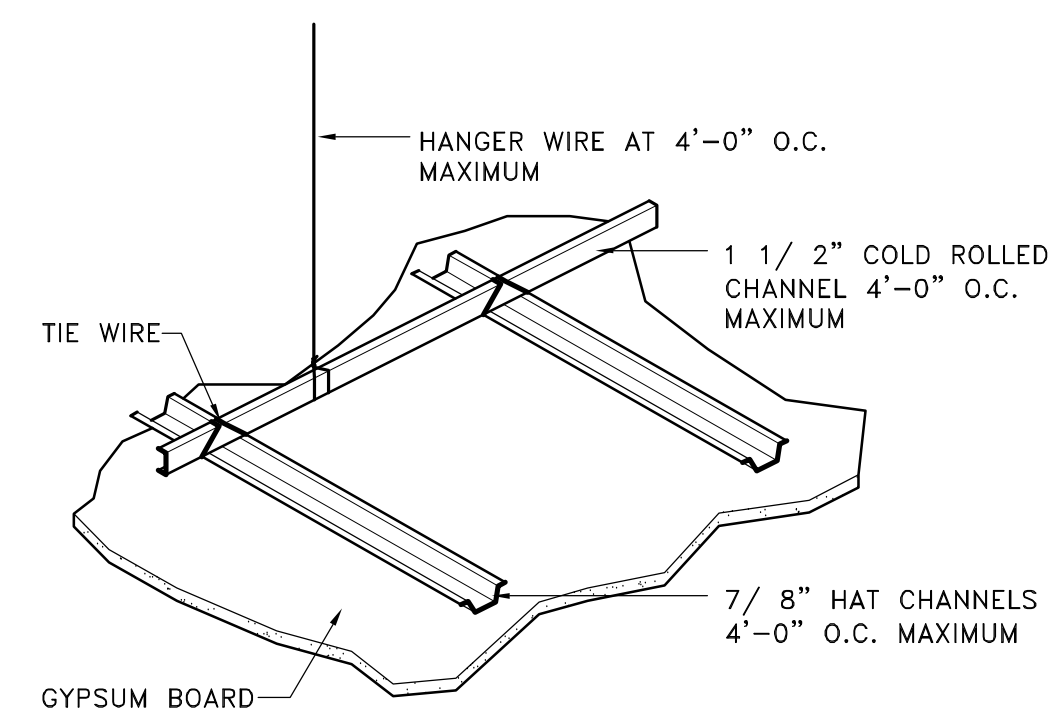


FIGURE B

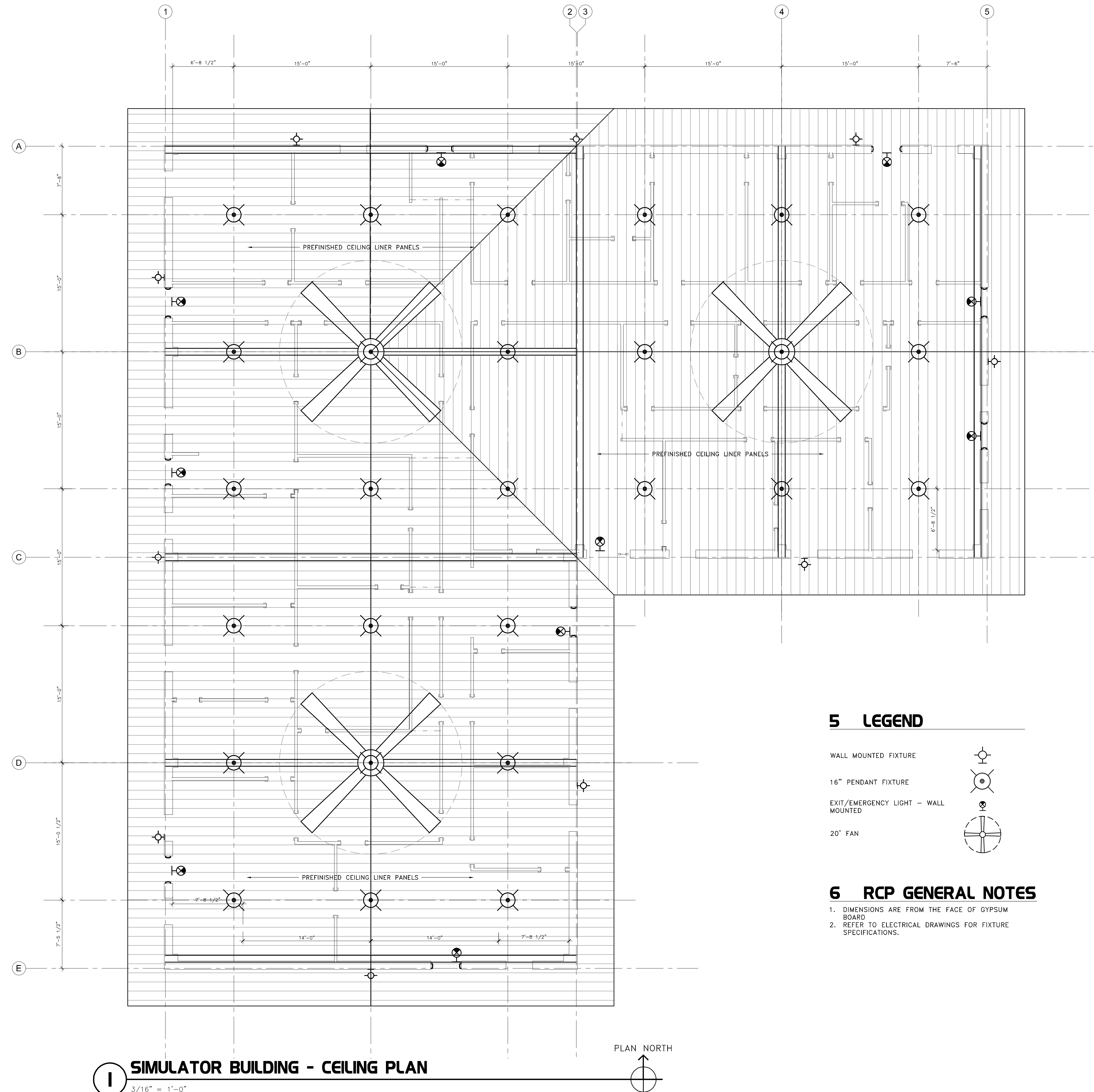
## 3 SUSPENDED DRYWALL CEILING

1 1/2" = 1'-0"



## 4 SUSPENDED DRYWALL CEILING

1 1/2" = 1'-0"



## 1 SIMULATOR BUILDING - CEILING PLAN

3/16" = 1'-0"

## 5 LEGEND

- WALL MOUNTED FIXTURE
- 16" PENDANT FIXTURE
- EXIT/EMERGENCY LIGHT - WALL MOUNTED
- 20' FAN

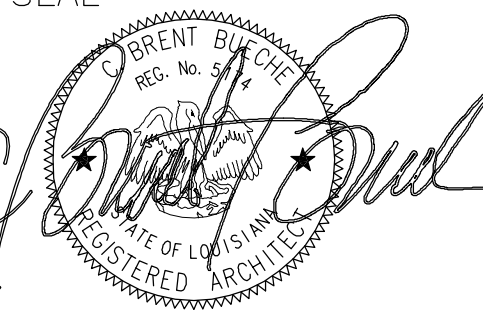
## 6 RCP GENERAL NOTES

1. DIMENSIONS ARE FROM THE FACE OF GYPSUM BOARD
2. REFER TO ELECTRICAL DRAWINGS FOR FIXTURE SPECIFICATIONS.

REVISIONS:

ADDENDUM No. 1  
10/ 21/ 2024

SEAL



BATON ROUGE POLICE DEPARTMENT  
TRAINING FACILITY  
999 WEST IRENE ROAD, ZACHARY, LA 70791

SHEET TITLE

REFLECTED CEILING  
PLAN

BBI Job No. A24-005

Date 10/1/2024

Drawn By se

Checked By bb

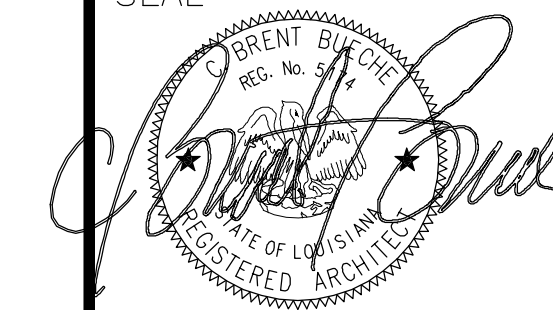
SHEET

A 2.3

REVISIONS:

ADDENDUM No. 1  
10/21/2024

SEAL



BATON ROUGE POLICE DEPARTMENT  
TRAINING FACILITY  
999 WEST IRENE ROAD, ZACHARY, LA 70791

SHEET TITLE

WALL SCHEDULE

BBi Job No. A24-005

Date 10/1/2024

Drawn By se

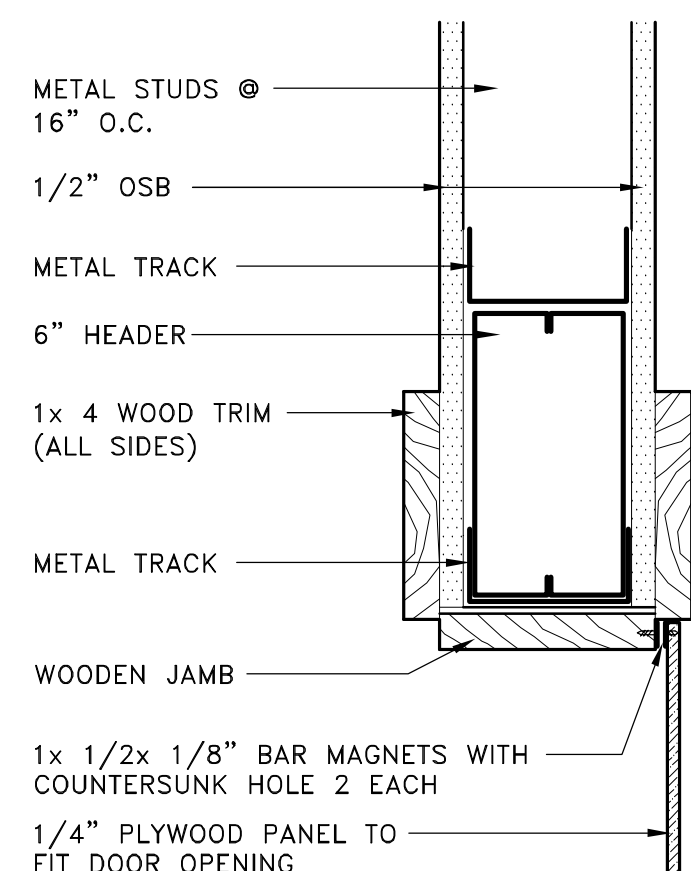
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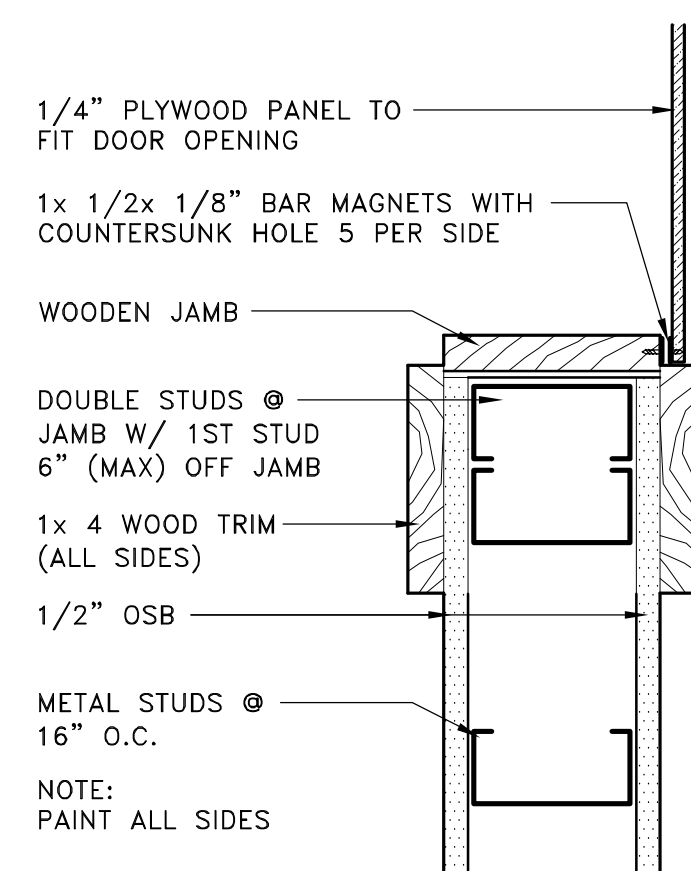
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I DOOR SCHEDULE																						
NUMBER	DOOR				FRAME		DETAILS			REMARKS	NUMBER	DOOR				FRAME		DETAILS			REMARKS	
	SIZE	MATERIAL	TYPE	HWD	MATERIAL	SIZE	HEAD	JAMB	THRESHOLD			SIZE	MATERIAL	TYPE	HWD	MATERIAL	SIZE	HEAD	JAMB	THRESHOLD		
1	2'-8" x 6'-8"	HOLLOW METAL	1	HWD SET 1	HOLLOW METAL	6 3/4"	7A4.1	8A4.1	9A4.1		41	3'-0" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
2	3'-0" x 6'-8"	HOLLOW METAL	2	HWD SET 2	HOLLOW METAL	6 3/4"	7A4.1	8A4.1	9A4.1		42	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
3	3'-0" x 7'-0"	HOLLOW METAL	2	HWD SET 1	HOLLOW METAL	6 3/4"	7A4.1	8A4.1	9A4.1		43	2'-6" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
4	2'-8" x 6'-8"	HOLLOW METAL	1	HWD SET 1	HOLLOW METAL	6 3/4"	7A4.1	8A4.1	9A4.1		44	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
5	3'-0" x 6'-8"	WOOD WITH HALF GLASS	3	HWD SET 3	WOOD	---	---	---	---		45	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
6	3'-0" x 7'-0"	SOLID CORE WOOD	4	HWD SET 4	WOOD	---	---	---	---	NOT USED	46	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---	NOT USED	
7	3'-0" x 7'-0"	HOLLOW METAL	4	HWD SET 2	HOLLOW METAL	6 3/4"	7A4.1	8A4.1	9A4.1		47	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
8	2'-8" x 6'-8"	HOLLOW METAL	1	HWD SET 4	HOLLOW METAL	6 3/4"	7A4.1	8A4.1	9A4.1		48	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
9	2'-8" x 6'-8"	HOLLOW METAL	1	HWD SET 4	HOLLOW METAL	6 3/4"	7A4.1	8A4.1	9A4.1		49	2'-4" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
10	3'-0" x 7'-0"	HOLLOW METAL	4	HWD SET 1	HOLLOW METAL	6 3/4"	7A4.1	8A4.1	9A4.1		50	NOT USED	---	---	---	---	---	---	---	---		
11	NOT USED	---	---	---	---	---	---	---	---		51	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	---	---	---	---	---	---	
12	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		52	3'-0" x 6'-8"	---	---	---	---	---	---	---	---	CASED OPENING	
13	2'-6" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		53	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
14	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		54	2'-0" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
15	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		55	2'-6" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
16	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		56	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
17	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		57	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
18	2'-0" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		58	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
19	2'-6" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		59	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
20	NOT USED	---	---	---	---	---	---	---	---		60	NOT USED	---	---	---	---	---	---	---	---		
21	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---	NOT USED	61	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---	NOT USED	
22	2'-6" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		62	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
23	2'-6" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		63	2'-6" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
24	2'-6" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		64	2'-6" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
25	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		65	2'-6" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
26	2'-6" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		66	2'-6" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
27	3'-0" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		67	2'-0" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
28	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		68	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
29	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		69	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
30	NOT USED	---	---	---	---	---	---	---	---	NOT USED	70	NOT USED	---	---	---	---	---	---	---	---	NOT USED	
31	2'-4" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		71	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
32	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		72	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
33	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		73	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
34	2'-6" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		74	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---		
35	2'-6" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---													
36	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---													
37	2'-8" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---	DOUBLE ACTING DOOR												
38	2'-0" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---	NOT USED												
39	2'-6" x 6'-8"	MASONITE	4	HWD SET 5	PRE HUNG WOOD	4 3/4" THROAT	3A2.5	4A2.5	---													
40	NOT USED	---	---	---	---	---	---	---	---													

2 HARDWARE SCHEDULE		
SET	QTY.	ITEM
1	1	HINGES (3 PER DOOR)
1	1	DOOR CLOSER WITH HOLD OPEN
1	1	DOUBLE KEYED CYLINDER DEADBOLT
1	1	LOCKSET (ENTRY FUNCTION)
1	1 SET	MUTES
2	1	HINGES (3 PER DOOR)
1	1	DOOR CLOSER WITH HOLD OPEN
1	1	DOUBLE KEYED CYLINDER DEADBOLT
1	1	EXIT DEVICE WITH KEYED LEVER ENTRY
1	1 SET	MUTES
3	1	HINGES (3 PER DOOR)
1	1	RESIDENTIAL FRONT DOOR LOCKSET
4	1	HINGES (3 PER DOOR)
1	1	RESIDENTIAL ENTRY LOCKSET
5	1	HINGES (3 PER DOOR)
1	1	LOCKSET (DOOR KNOB, BEDROOM FUNCTION)



3 WINDOW HEAD  
3" = 1'-0"



4 WINDOW JAMB  
3" = 1'-0"



REVISIONS:

ADDENDUM No. 1  
10/21/2024

SEAL



BATON ROUGE POLICE DEPARTMENT  
TRAINING FACILITY  
999 WEST IRENE ROAD, ZACHARY, LA 70791

SHEET TITLE

ELEVATIONS  
SECTION  
DETAILS

BBI Job No. A24-005

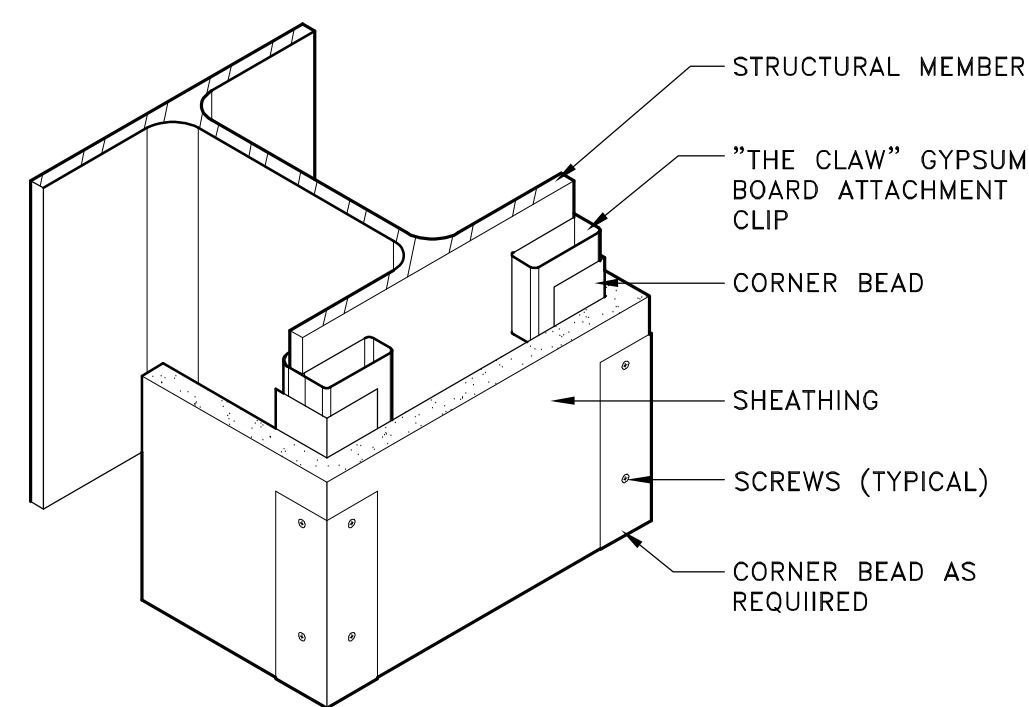
Date 10/1/2024

Drawn By se

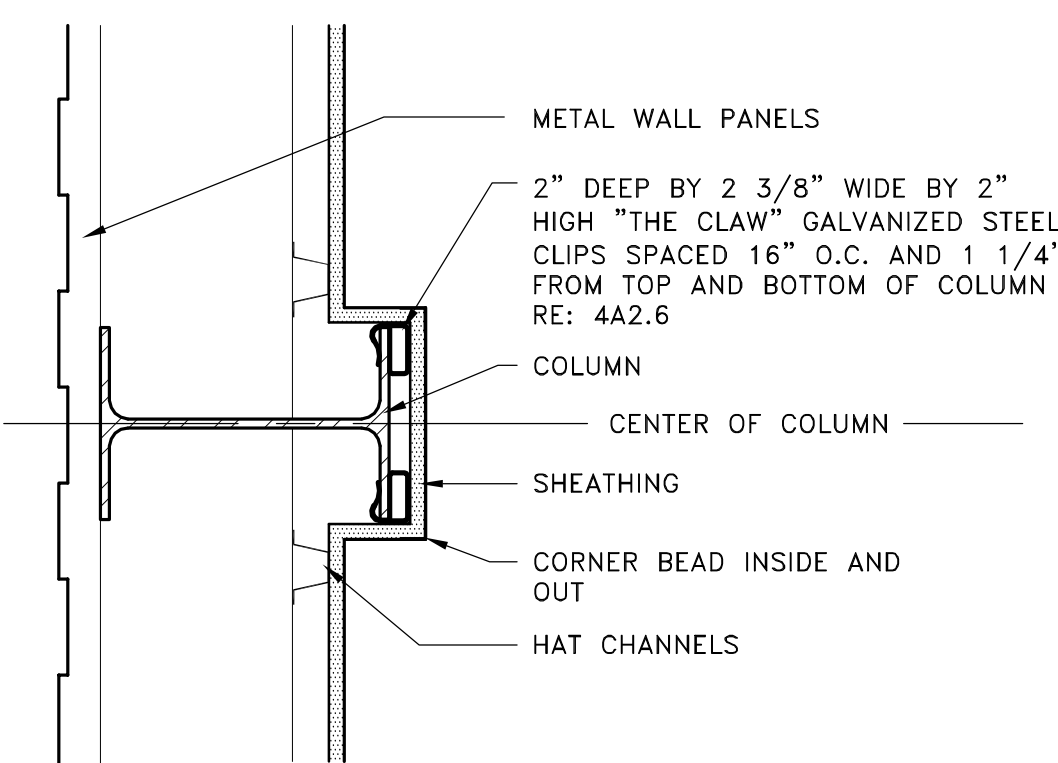
Checked By bb

SHEET

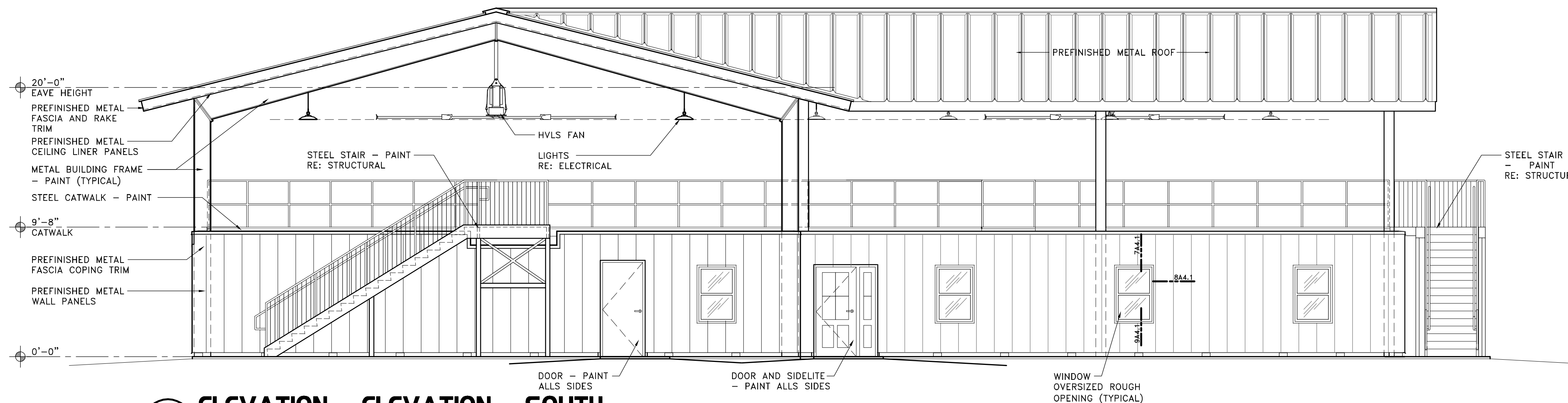
A 2.5



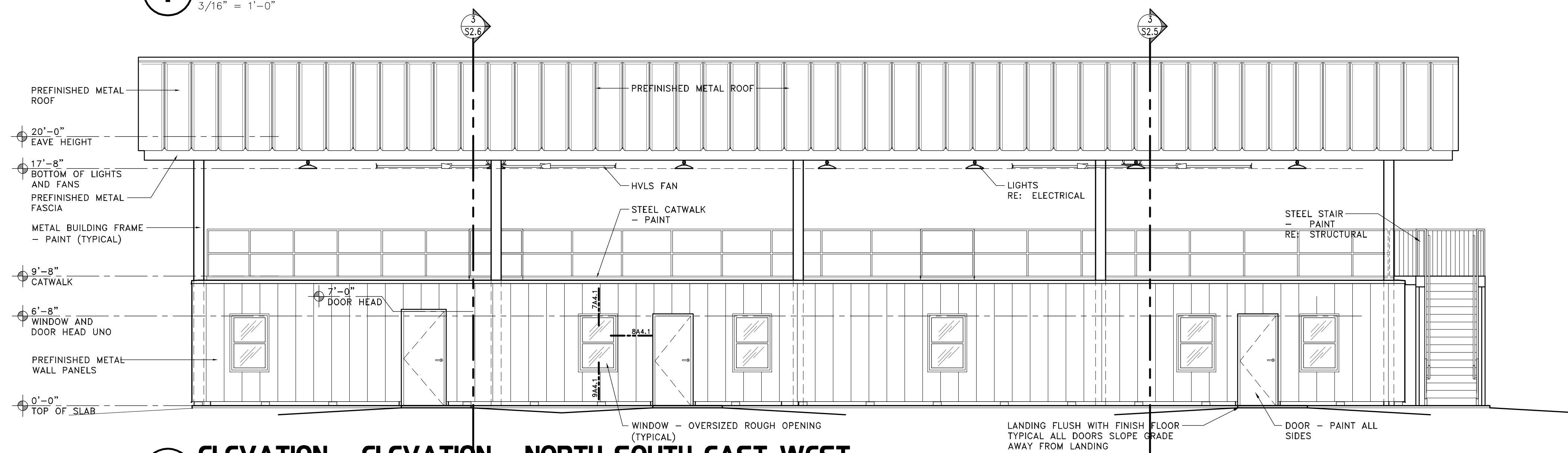
**4** TYPICAL COLUMN WRAP WITH SNAP-ON CLIPS  
3" = 1'-0"



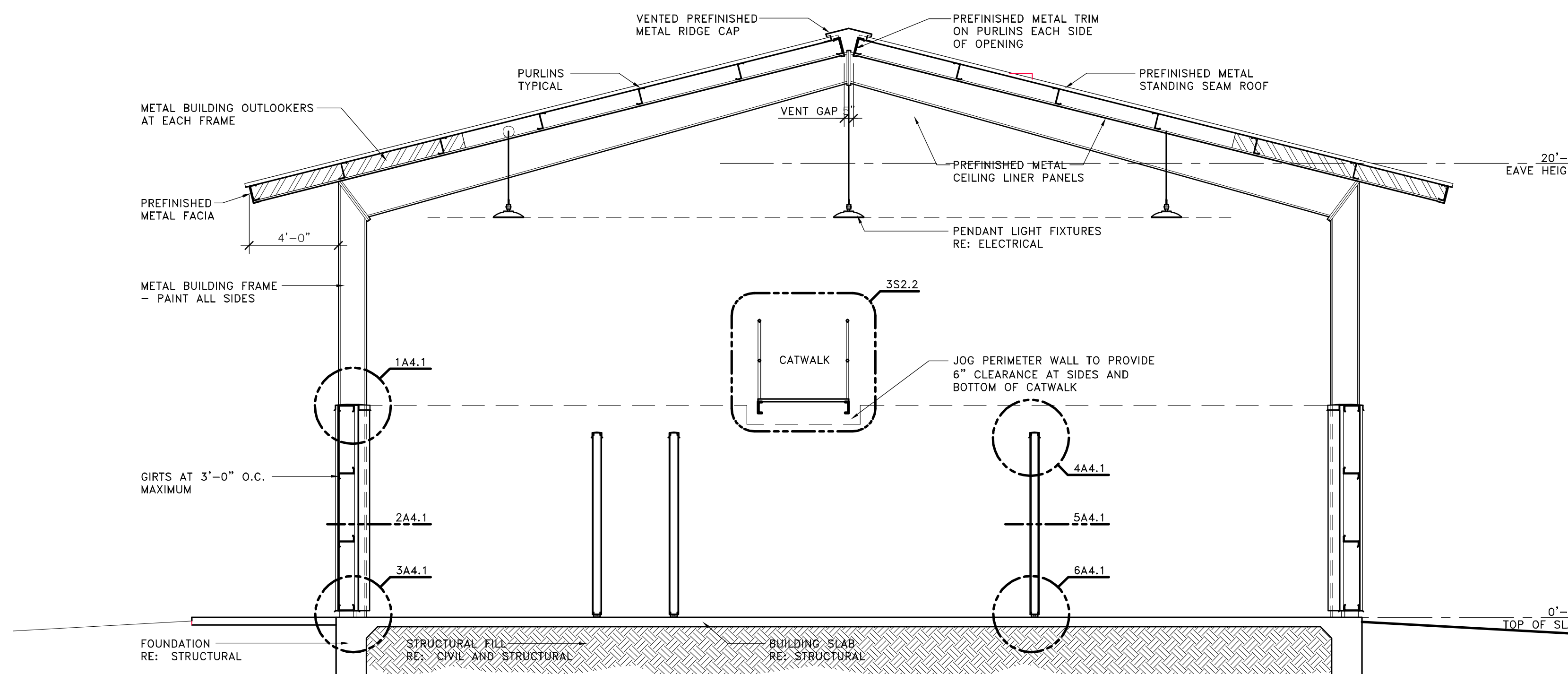
**5** COLUMN DETAIL  
1 1/2" = 1'-0"



**1** ELEVATION - ELEVATION - SOUTH  
3/16" = 1'-0"



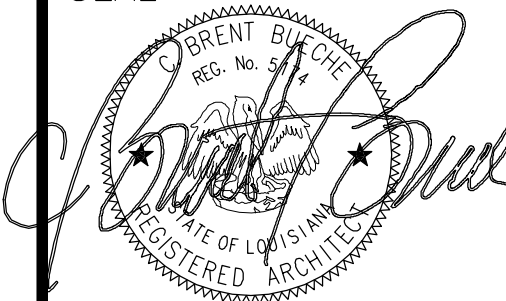
**2** ELEVATION - ELEVATION - NORTH SOUTH EAST WEST  
3/16" = 1'-0"



**3** SECTION  
3/16" = 1'-0"

REVISIONS:  
**ADDENDUM No. 1**  
 10/ 21/ 2024

SEAL



**BATON ROUGE POLICE DEPARTMENT  
 TRAINING FACILITY**  
 999 WEST IRENE ROAD, ZACHARY, LA 70791

SHEET TITLE

BBI Job No. A24-005

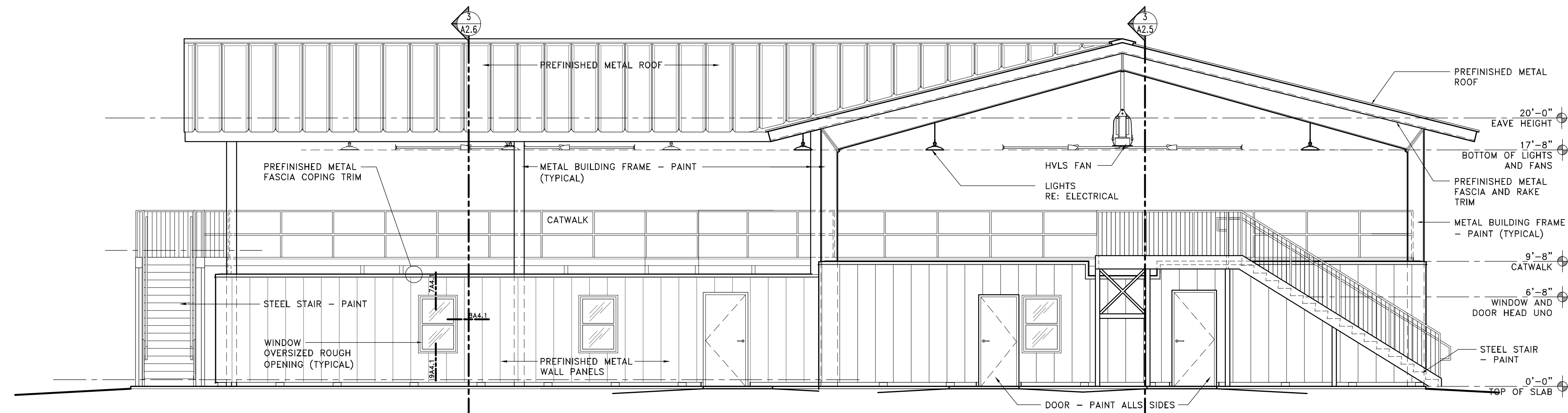
Date 10/1/2024

Drawn By se

Checked By bb

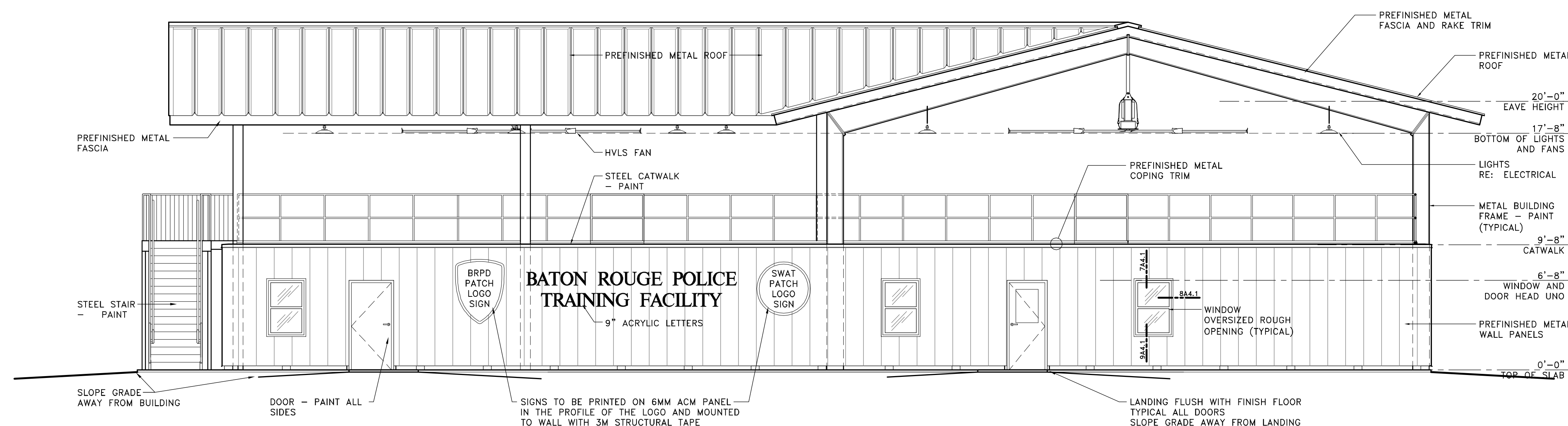
SHEET

**A 2.6**



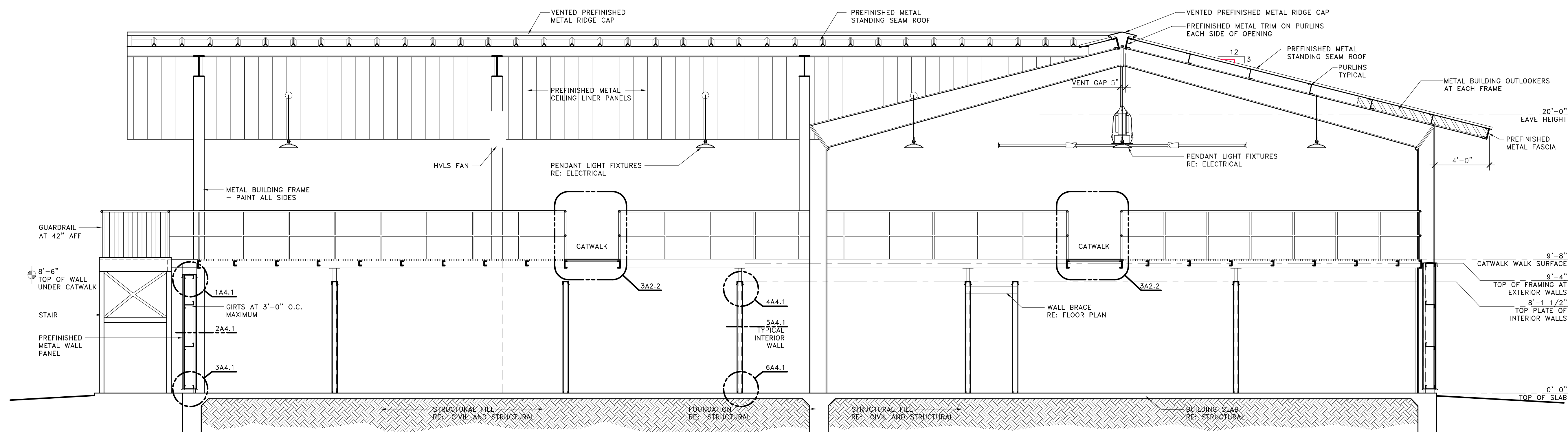
**1 ELEVATION - EAST**

3/16" = 1'-0"



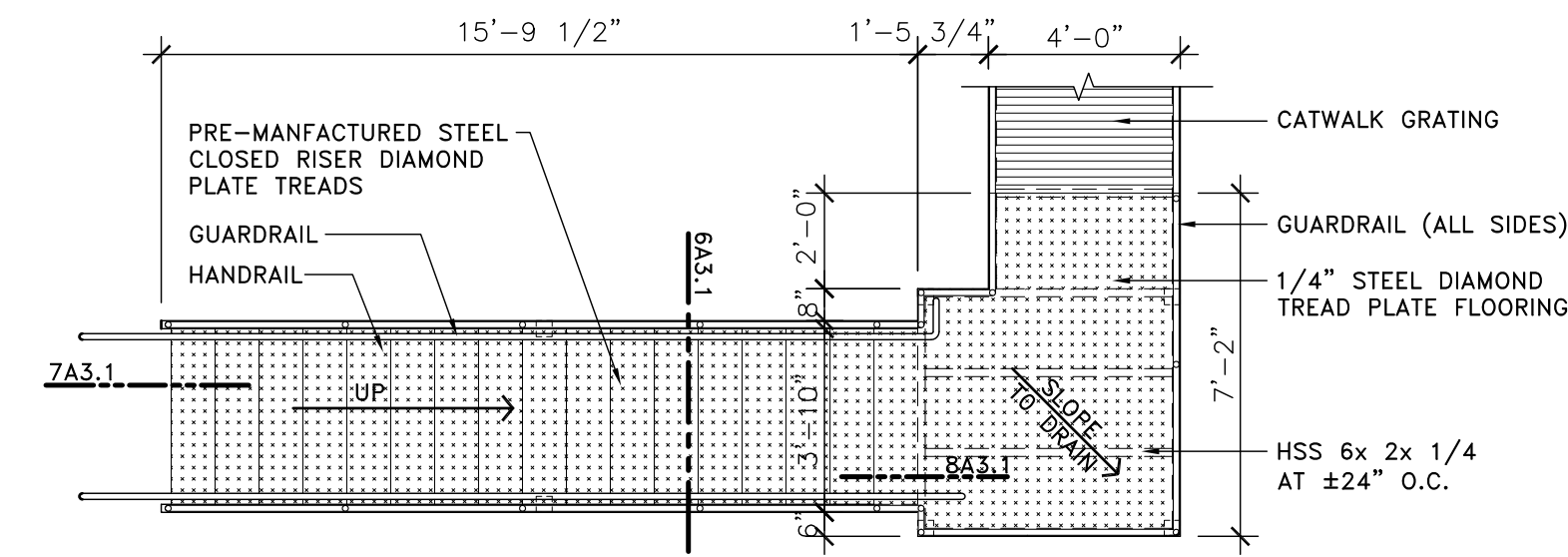
**2 ELEVATION - NORTH**

3/16" = 1'-0"

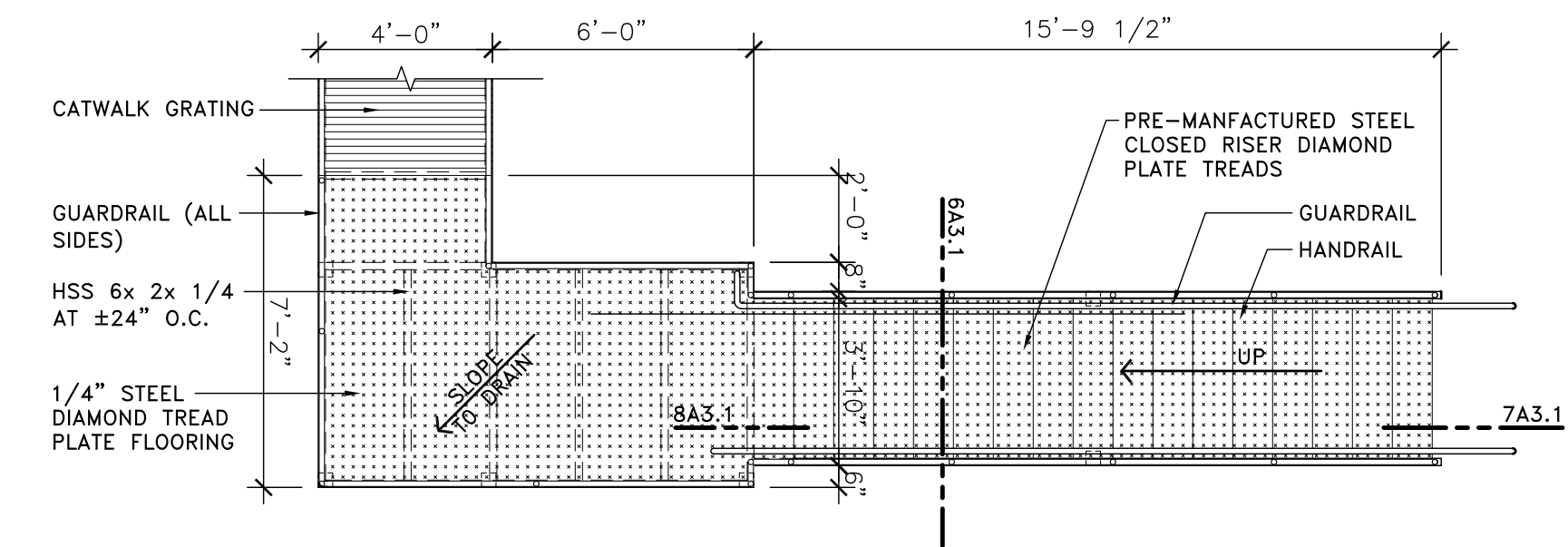


**3 LONGITUDIAL SECTION**

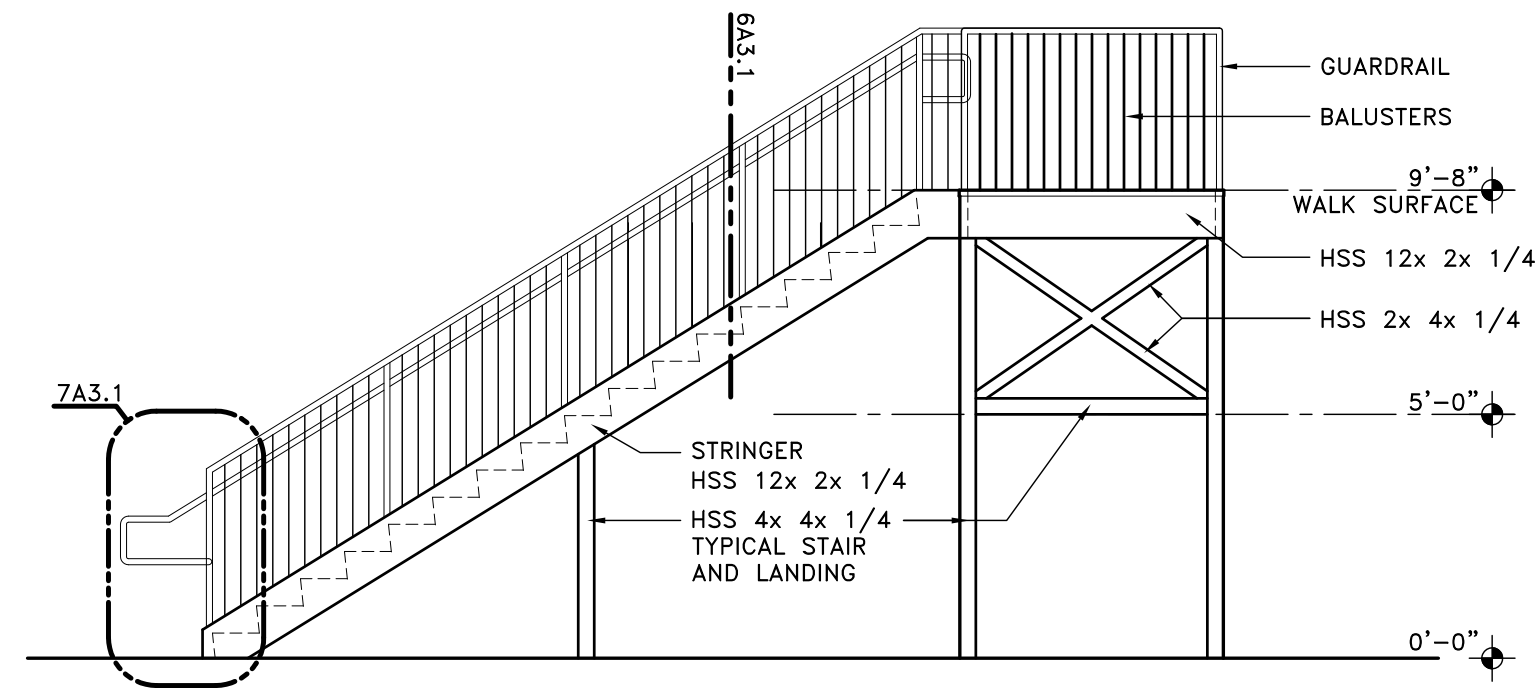
1/4" = 1'-0"



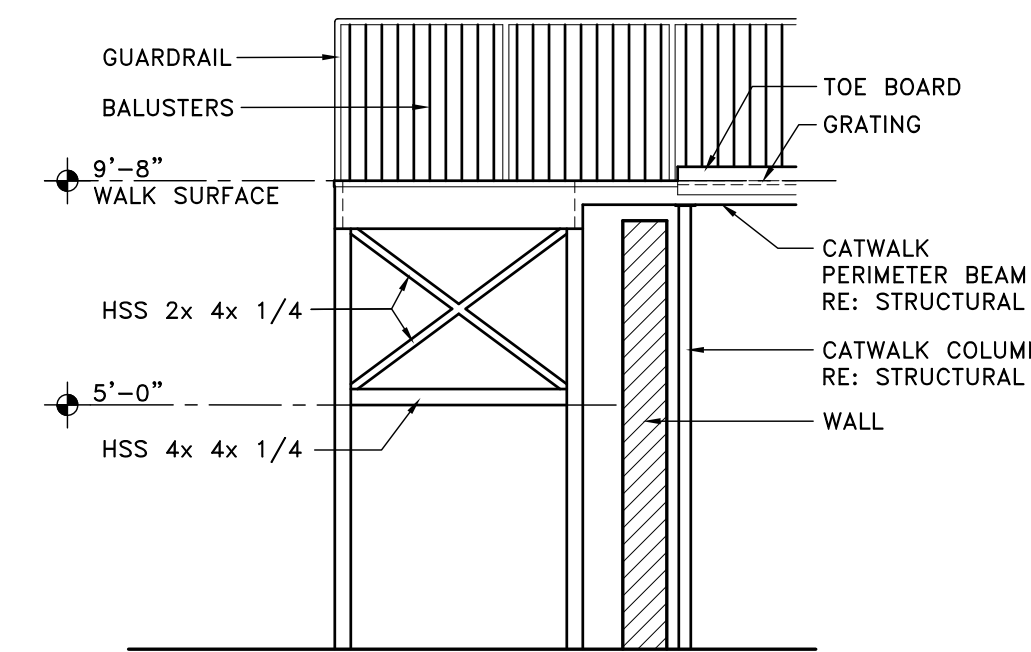
**1 SOUTH STAIR**  
1/4" = 1'-0"



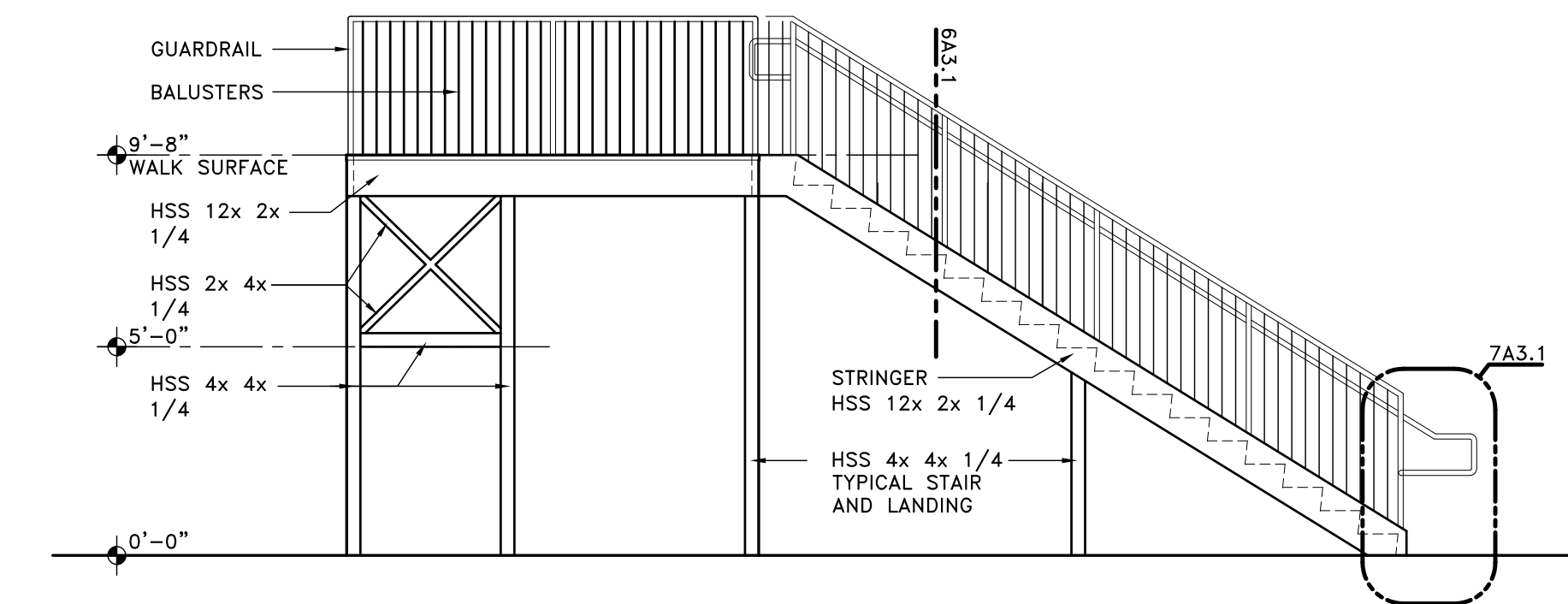
**2 EAST STAIR**  
1/4" = 1'-0"



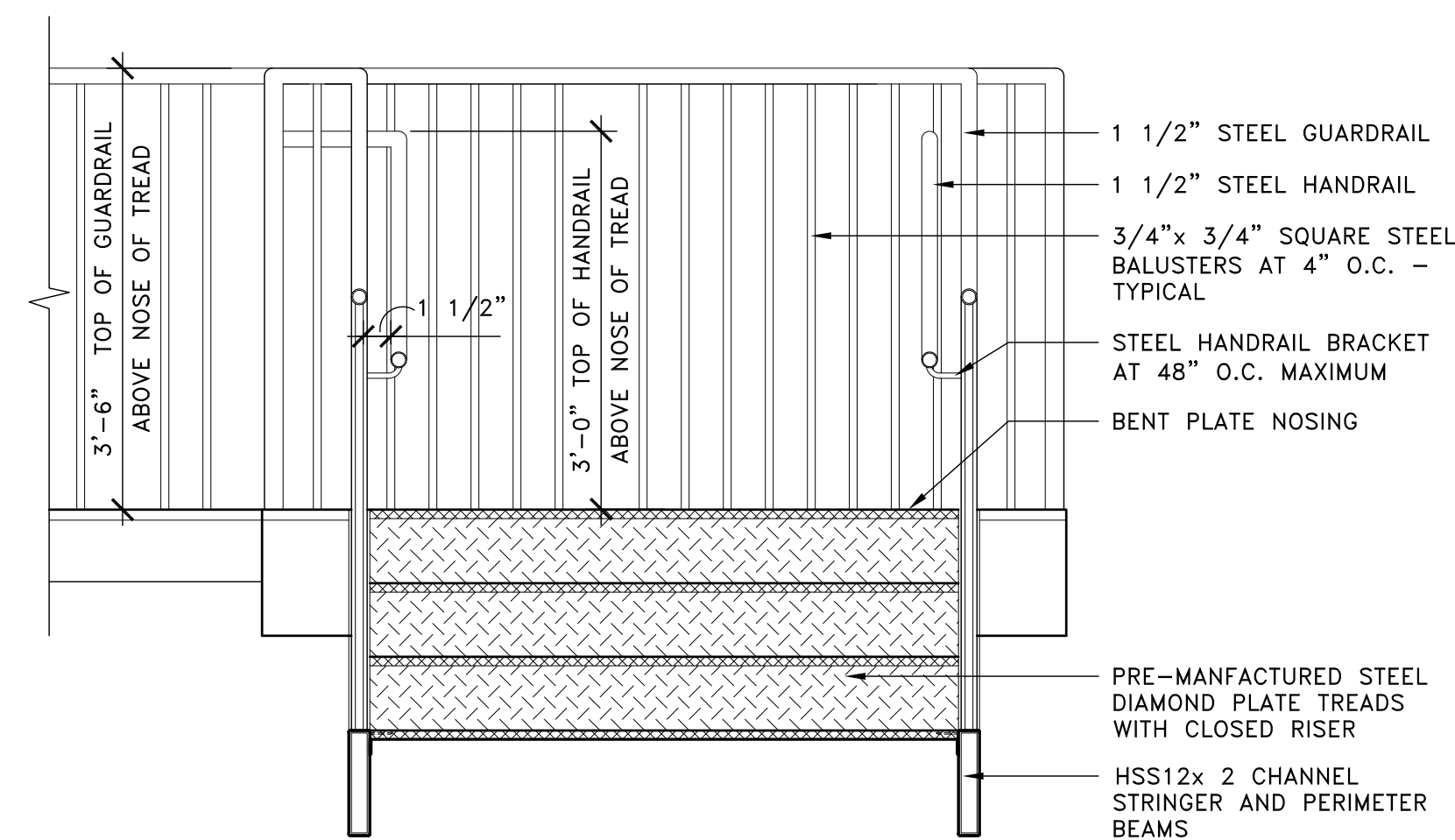
**3 STAIR ELEVATION**  
1/4" = 1'-0"



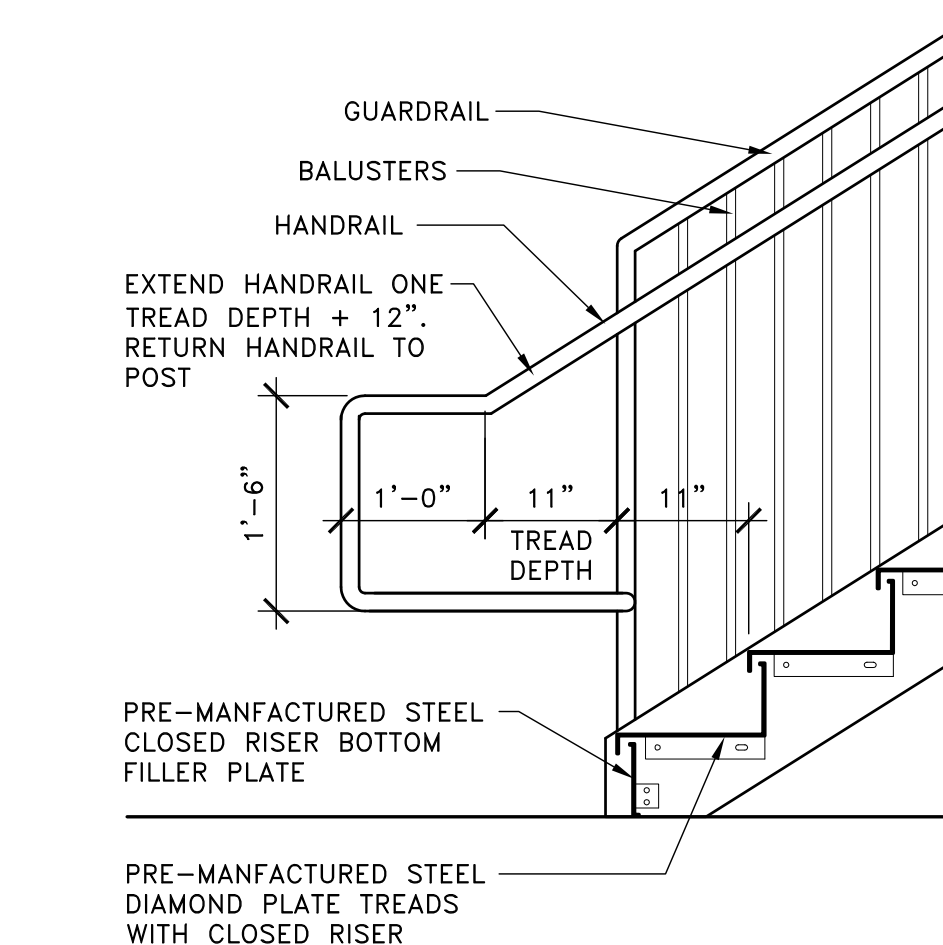
**4 STAIR ELEVATION**  
1/4" = 1'-0"



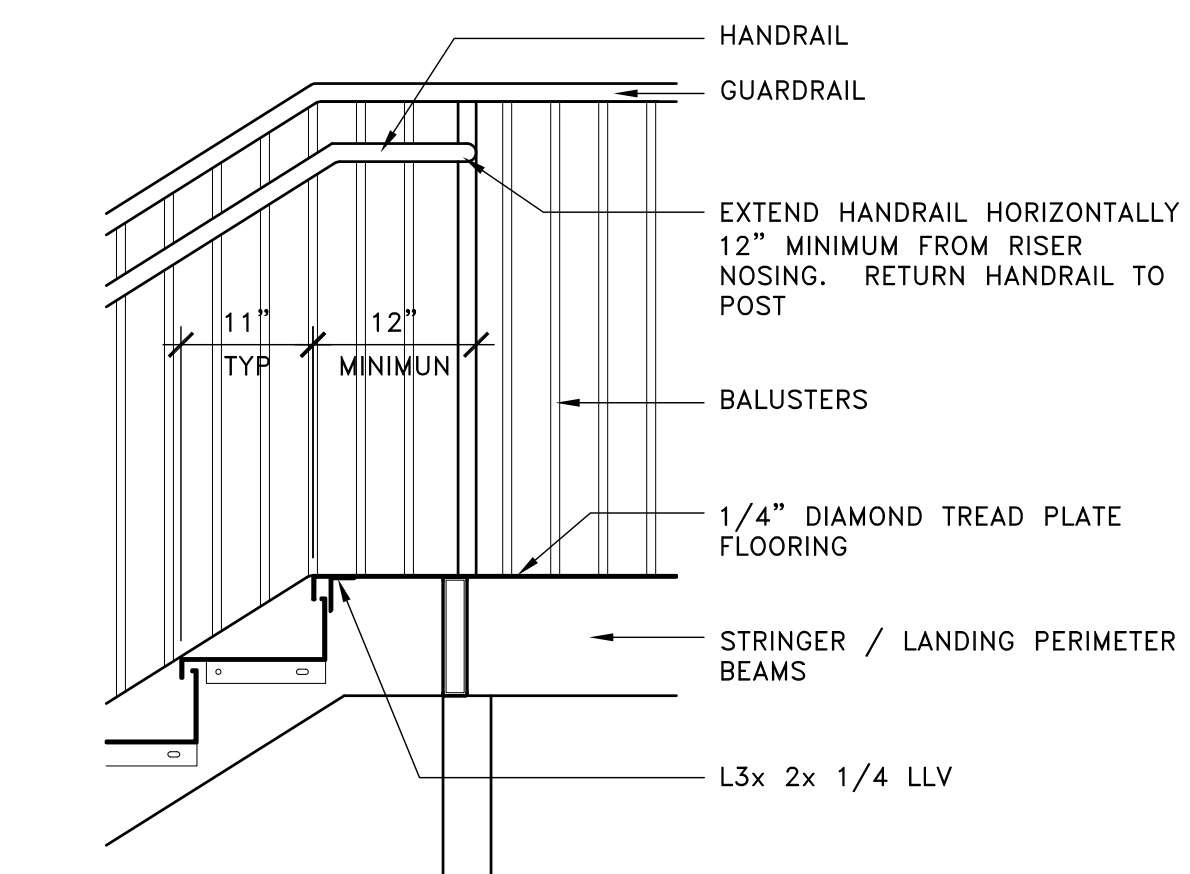
**5 STAIR ELEVATION**  
1/4" = 1'-0"



**6 STAIR SECTION**  
1/2" = 1'-0"



**7 BOTTOM OF STAIR**  
1/2" = 1'-0"



**8 TOP OF STAIR**  
1/2" = 1'-0"

NOTE:  
TOP OF HANDRAIL SHALL BE MOUNTED 36" ABOVE STAIR NOSING  
TOP OF GUARDRAIL SHALL BE MOUNTED 42" ABOVE STAIR NOSING

**9 STAIR ACCESSIBILITY NOTES**

- TOP GRIPPING SURFACES OF HANDRAILS SHALL BE 34 INCHES MINIMUM AND 38 INCHES MAXIMUM VERTICALLY ABOVE WALKING SURFACES, STAIR NOSINGS AND RAMP SURFACES. HANDRAILS SHALL BE A CONSISTENT HEIGHT ABOVE WALKING SURFACES, STAIR NOSINGS AND RAMP SURFACES.
- CLEARANCE BETWEEN HANDRAIL GRIPPING SURFACES AND ADJACENT SURFACES SHALL BE 2-1/4 INCHES MINIMUM.
- HANDRAILS SHALL BE PROVIDED ON BOTH SIDES OF STAIRS AND RAMPS.

**10 STAIR NOTES**

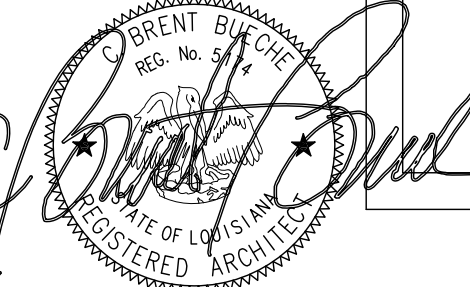
- PROVIDE 12" DIAMETER, 4" DEEP REINFORCED CONCRETE FOUNDATIONS UNDER EACH COLUMN.
- SECURE COLUMNS TO FOUNDATION WITH MINIMUM OF 4-5/8" ANCHORS EMBEDDED INTO FOUNDATION. COORDINATE LOCATIONS WITH SHOP DRAWINGS.
- GUARDS ARE REQUIRED ON ALL CHANGES IN ELEVATION OVER 30 INCHES ABOVE GRADE. A GUARD SHALL BE 42 INCHES ABOVE THE FINISHED STAIR NOSING. OPEN GUARDS REQUIRE INTERMEDIATE RAILS TO PREVENT PASSAGE OF A 4 INCH DIAMETER BALL THROUGH OPEN SPACES.

**II HAND & GUARDRAIL NOTES**

- HANDRAILS SHOULD BE STURDY AND SHALL NOT ROTATE WITHIN THEIR FITTINGS. THE GRIPPING SURFACE FOR ALL HANDRAILS SHOULD BE CONTINUOUS FOR THE ENTIRE RUN OF THE STAIR, INCLUDING THE LENGTH OF ANY INTERMEDIATE LANDINGS.
- THE BOTTOMS OF HANDRAIL GRIPPING SURFACES SHALL NOT BE OBSTRUCTED FOR MORE THAN 20 PERCENT OF THEIR LENGTH.
- HANDRAIL GRIPPING SURFACES AND ANY SURFACES ADJACENT TO THEM SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS AND SHALL HAVE ROUNDED EDGES.
- HANDRAIL GRIPPING SURFACES WITH A NON-CIRCULAR CROSS SECTION SHALL HAVE A PERIMETER DIMENSION OF 4 INCHES MINIMUM AND 6-1/4 INCHES MAXIMUM AND A CROSS-SECTION DIMENSION OF 2-1/4 INCHES MAXIMUM.
- AT THE TOP OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR 12 INCHES MINIMUM BEGINNING DIRECTLY ABOVE THE FIRST RISER NOSING. EXTENSIONS SHALL RETURN TO A WALL, GUARD OR THE LANDING SURFACE, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT.
- AT THE BOTTOM OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND AT THE SLOPE OF THE STAIR FLIGHT FOR A HORIZONTAL DISTANCE AT LEAST EQUAL TO ONE TREAD DEPTH BEYOND THE LAST RISER NOSING LANDING SURFACE OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT.

REVISIONS:

SEAL



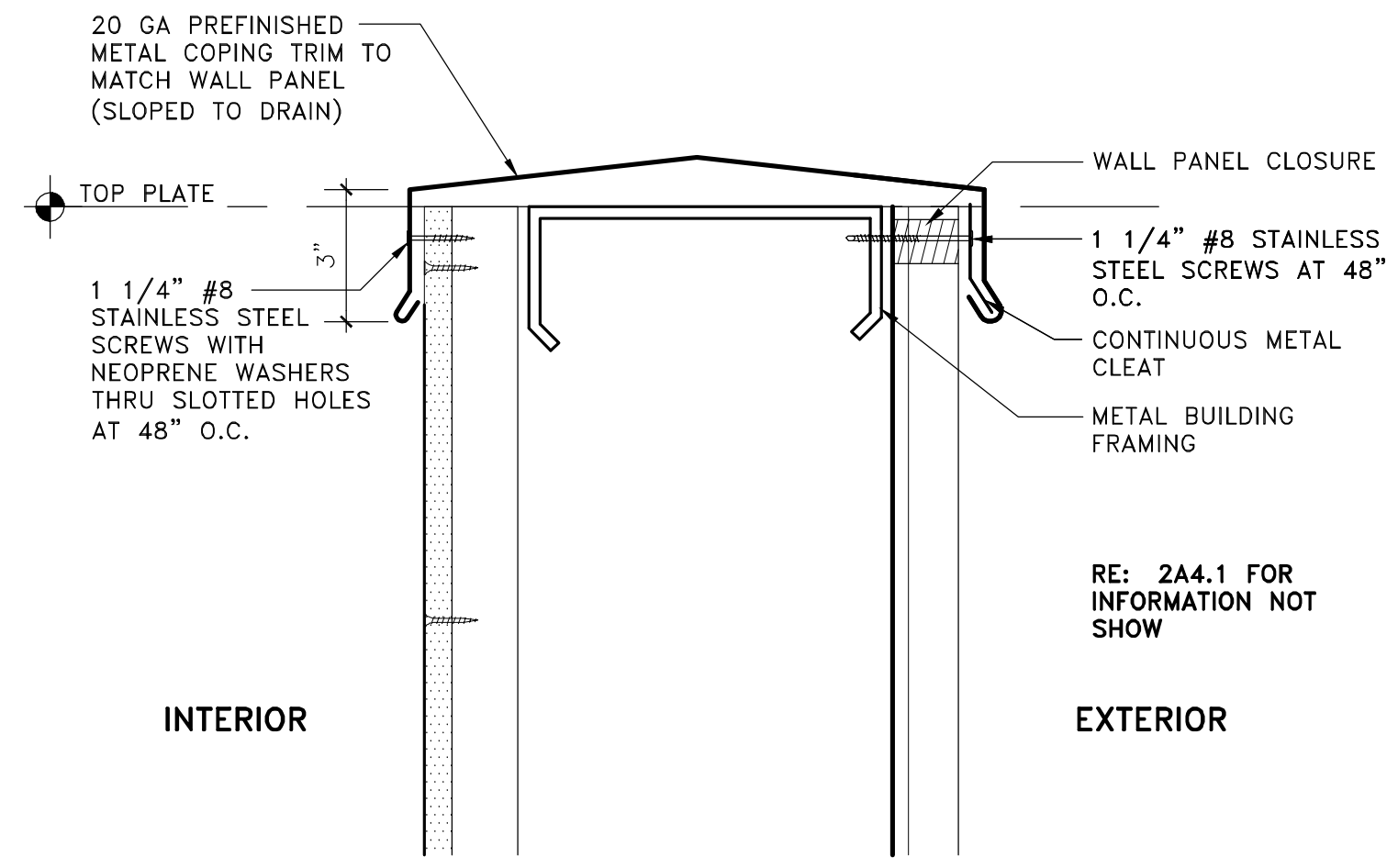
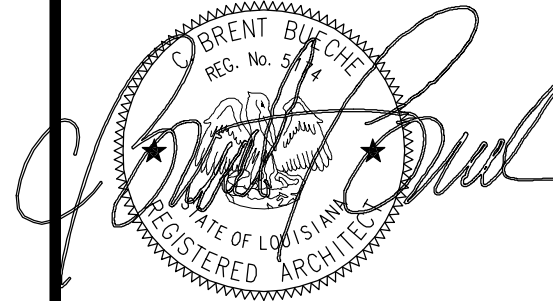
BATON ROUGE POLICE DEPARTMENT  
TRAINING FACILITY  
999 WEST IRENE ROAD, ZACHARY, LA 70791

SHEET TITLE

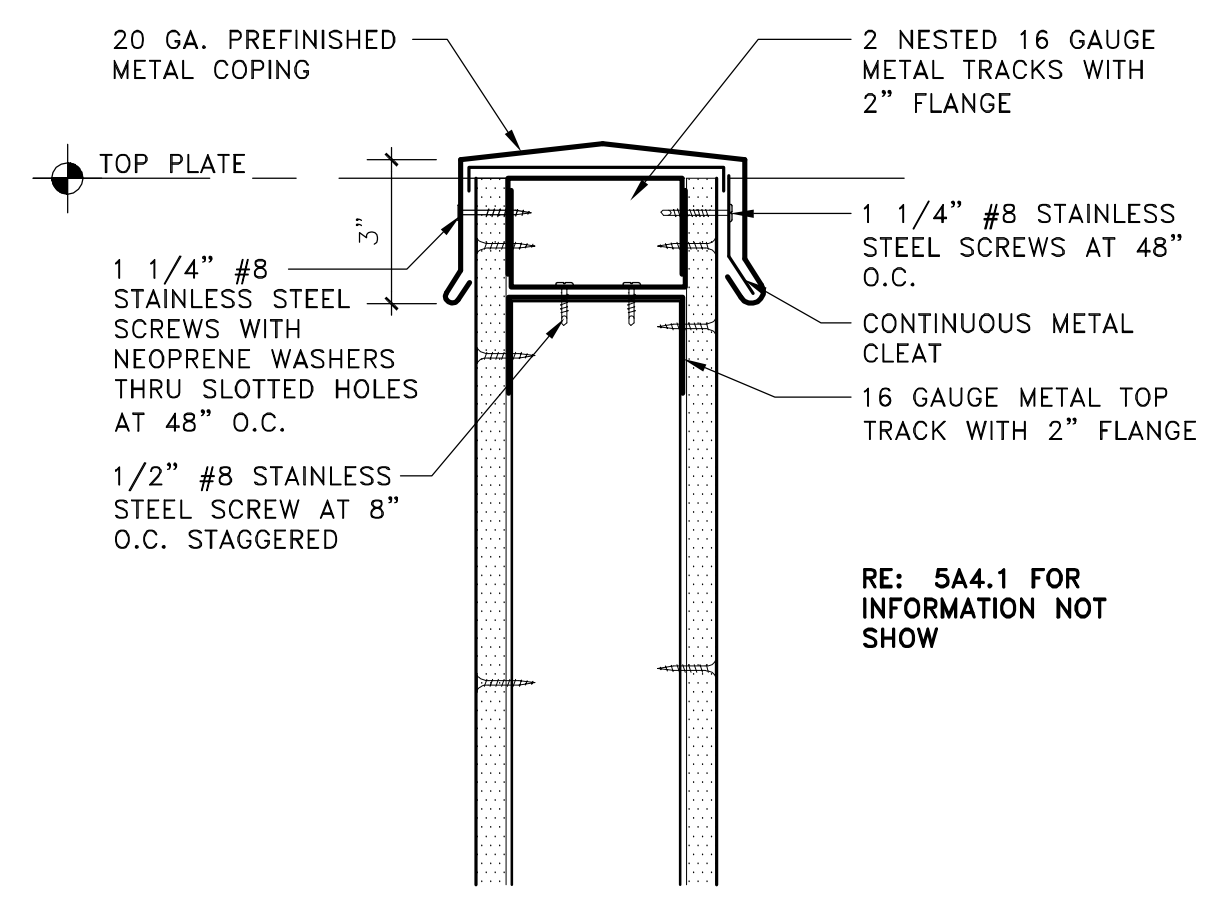
BBI Job No. A24-005  
Date 10/1/2024  
Drawn By AP  
Checked By bb

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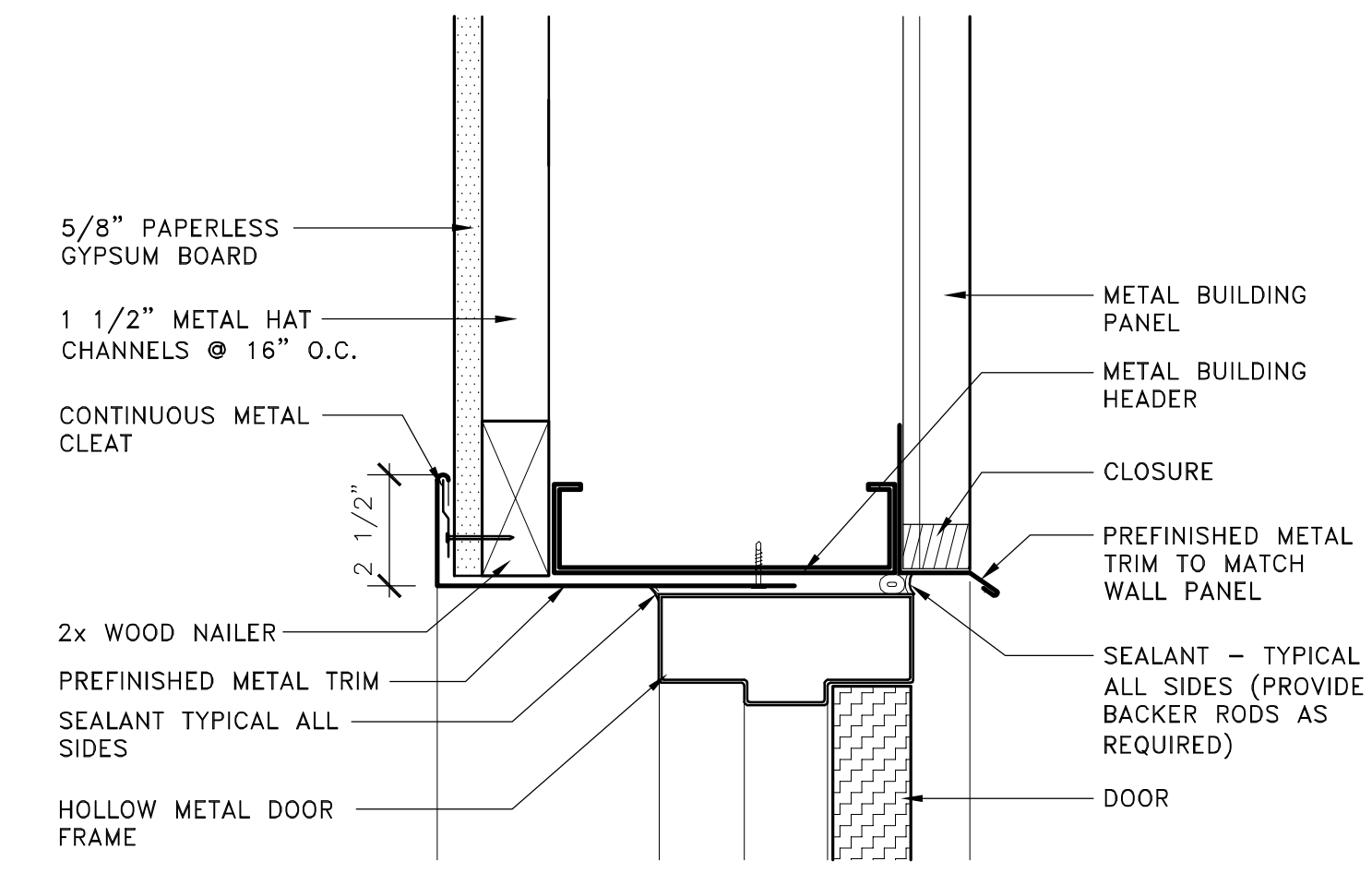
A 3.1



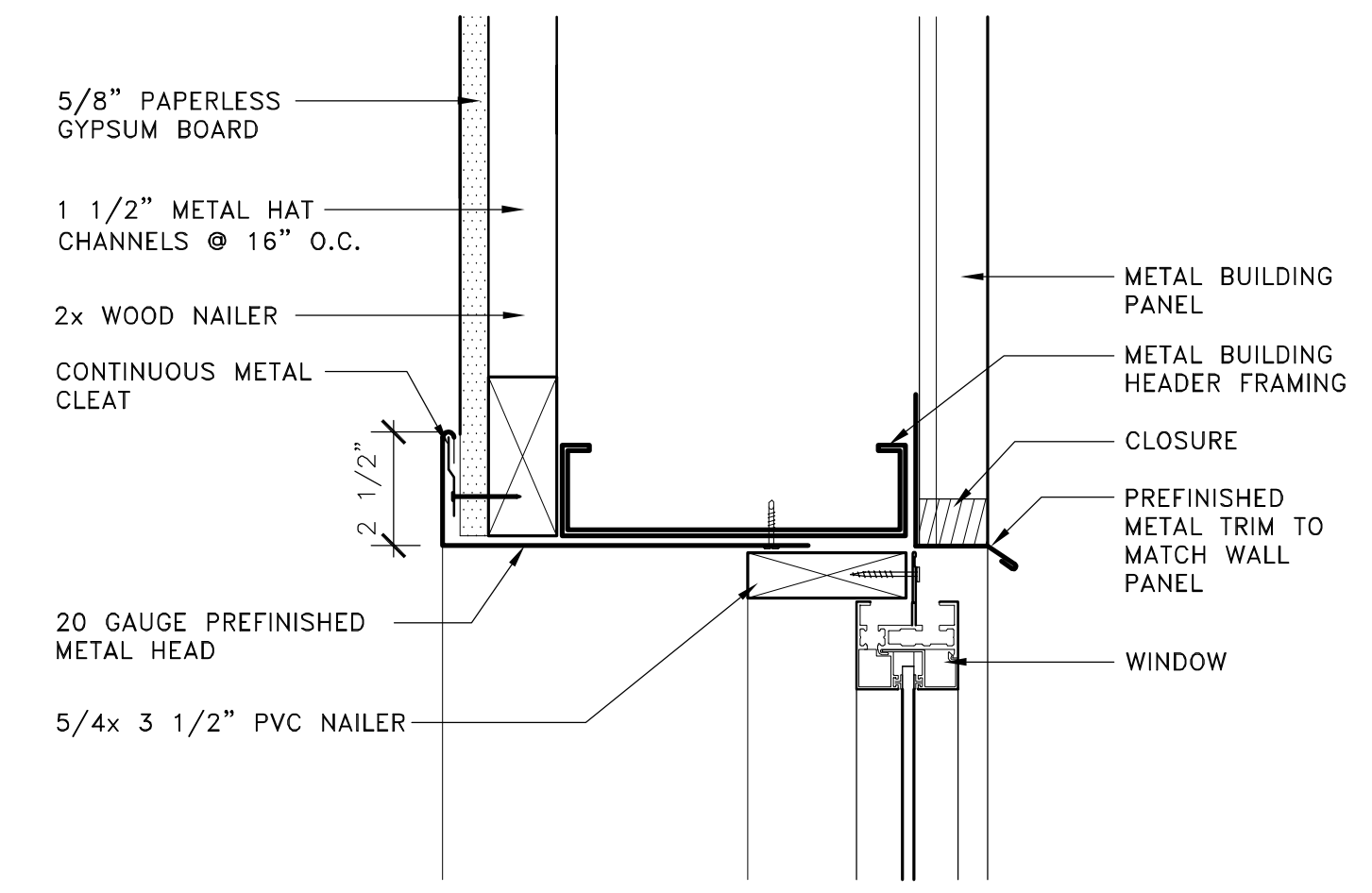
**1** TOP OF EXTERIOR WALL  
 3" = 1'-0"



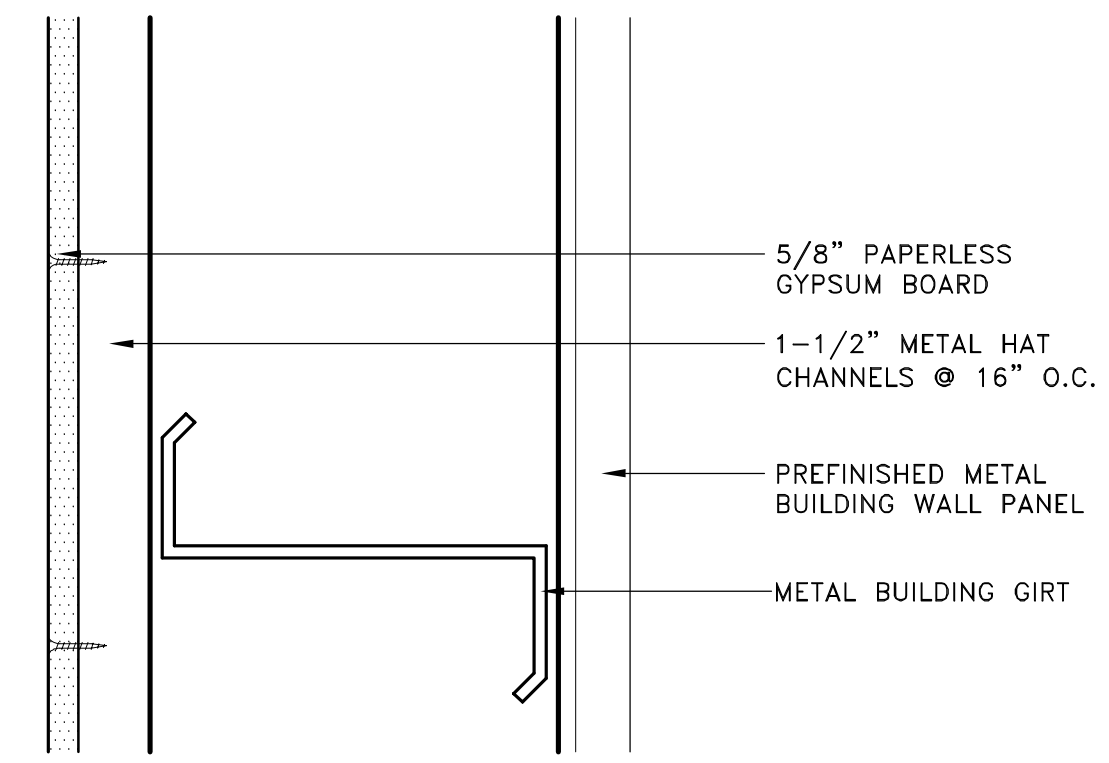
**4** TOP OF INTERIOR WALL  
 3" = 1'-0"



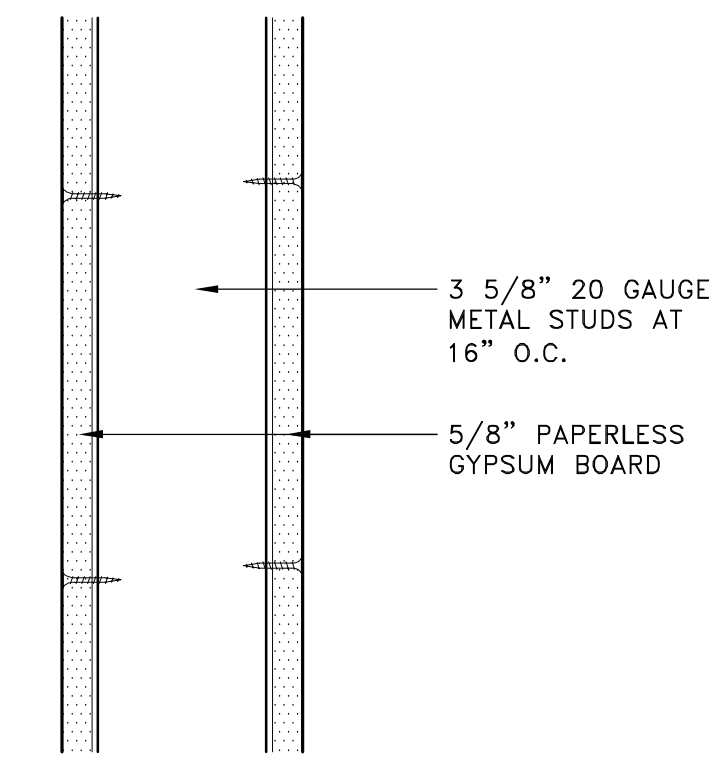
**7** EXTERIOR DOOR HEAD  
 3" = 1'-0"



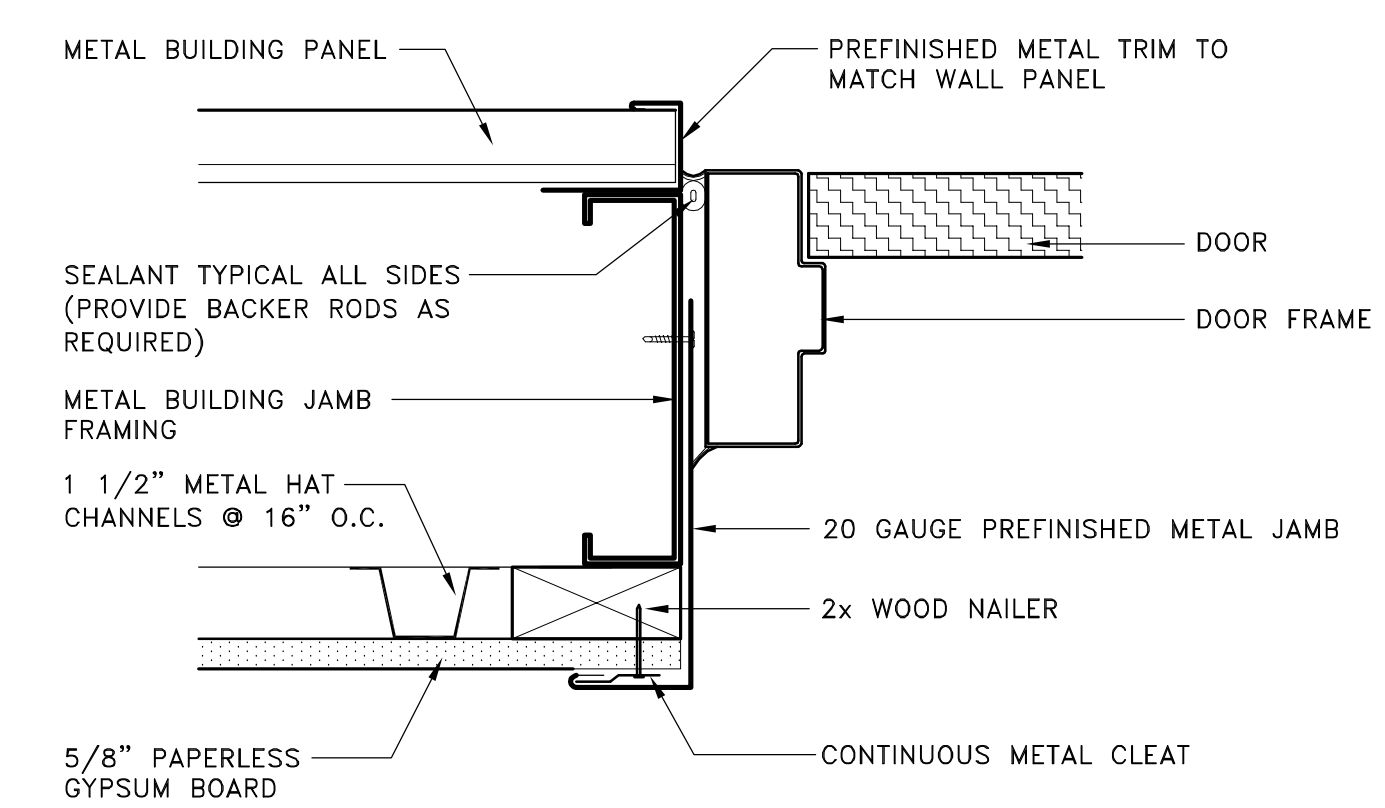
**10** WINDOW HEAD  
 3" = 1'-0"



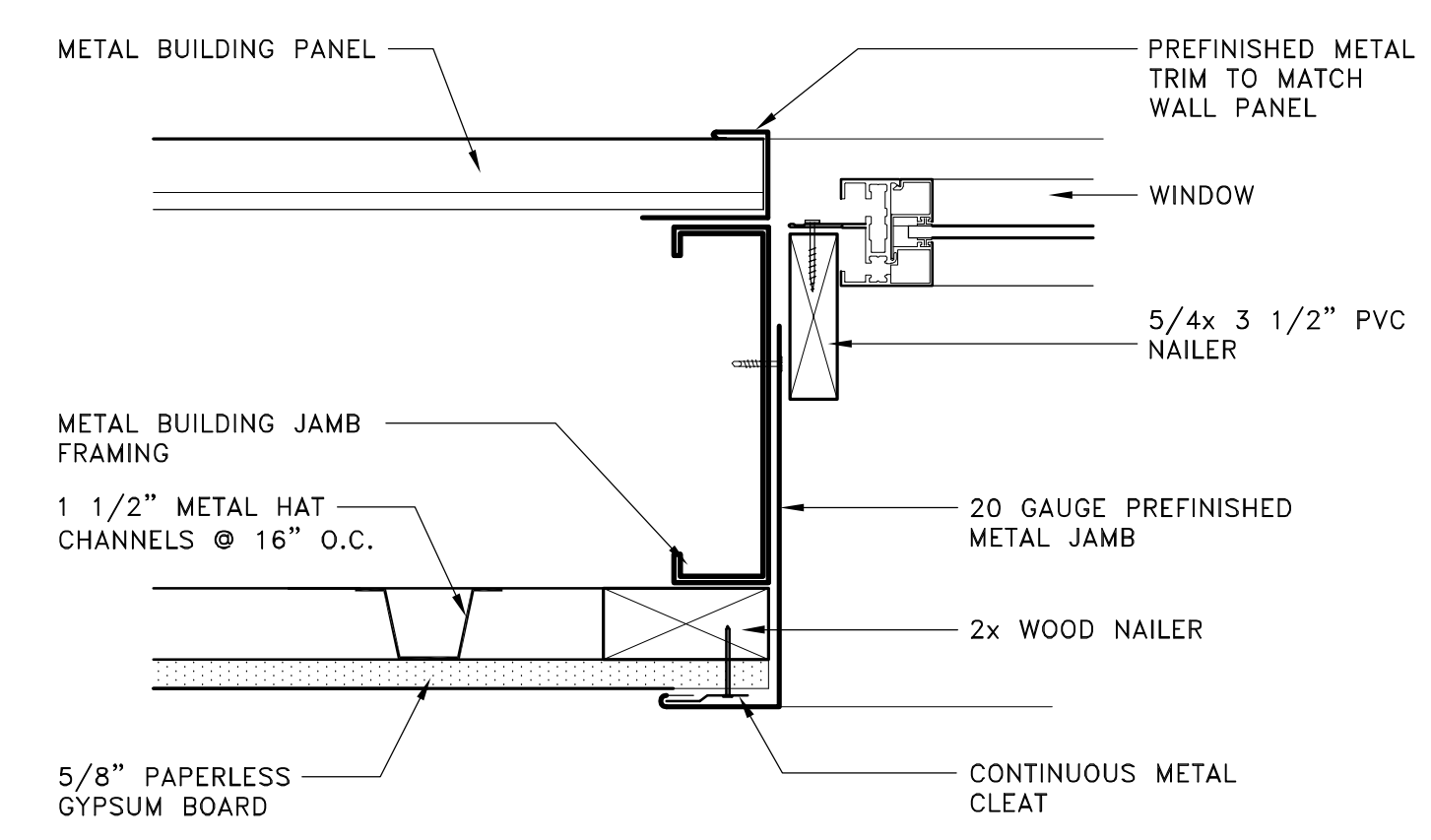
**2** EXTERIOR WALL  
 3" = 1'-0"



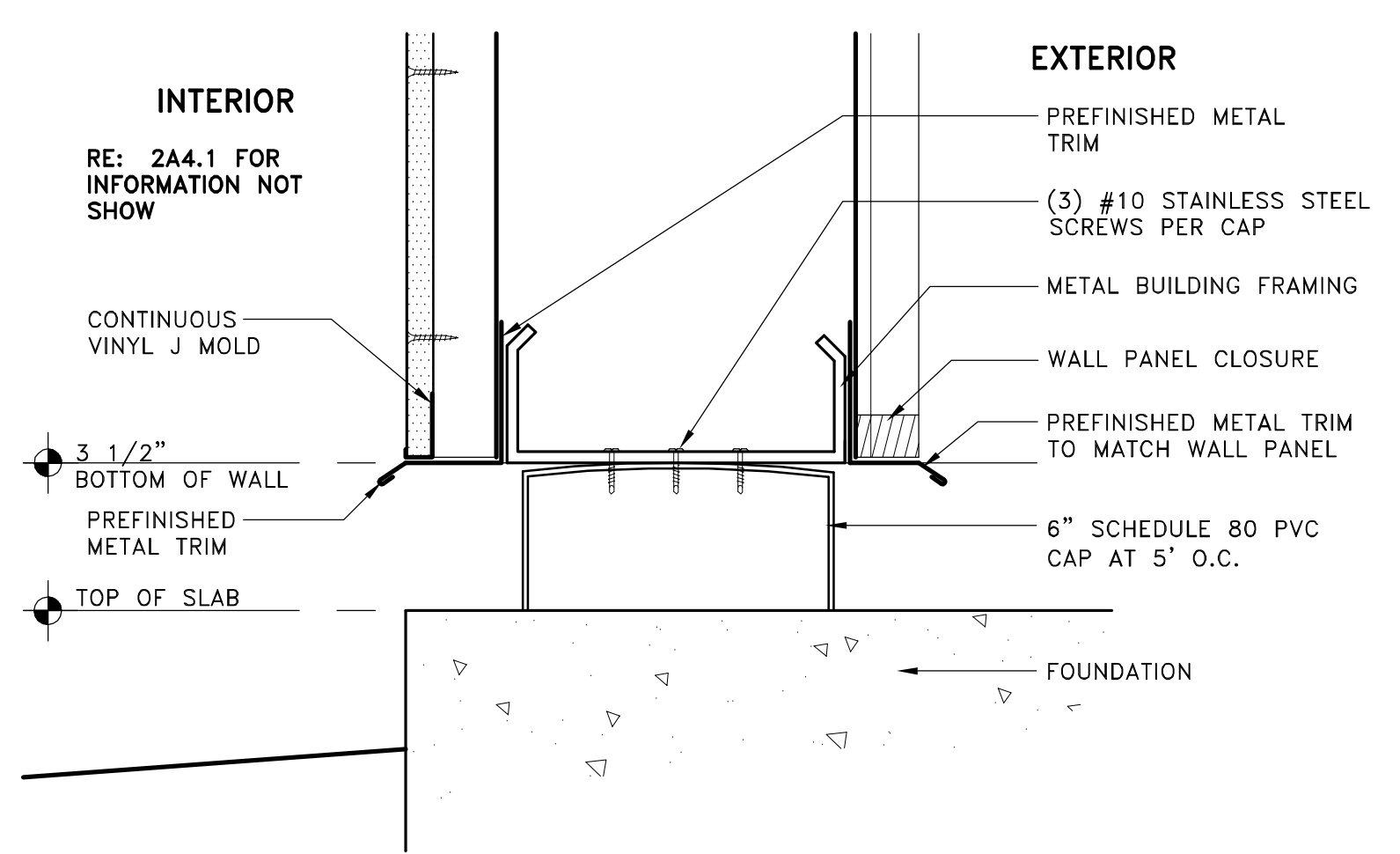
**5** INTERIOR WALL  
 3" = 1'-0"



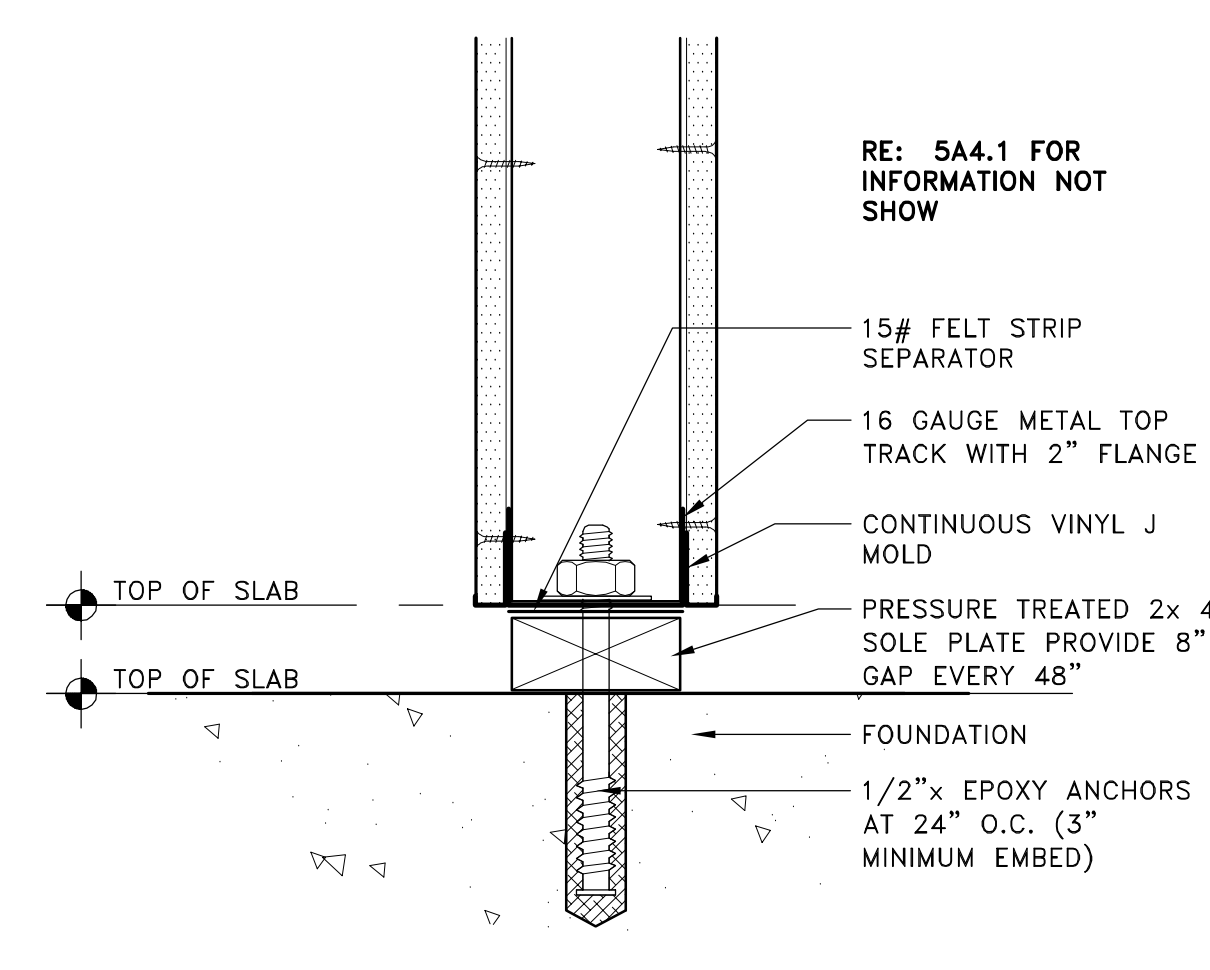
**8** EXTERIOR DOOR JAMB  
 3" = 1'-0"



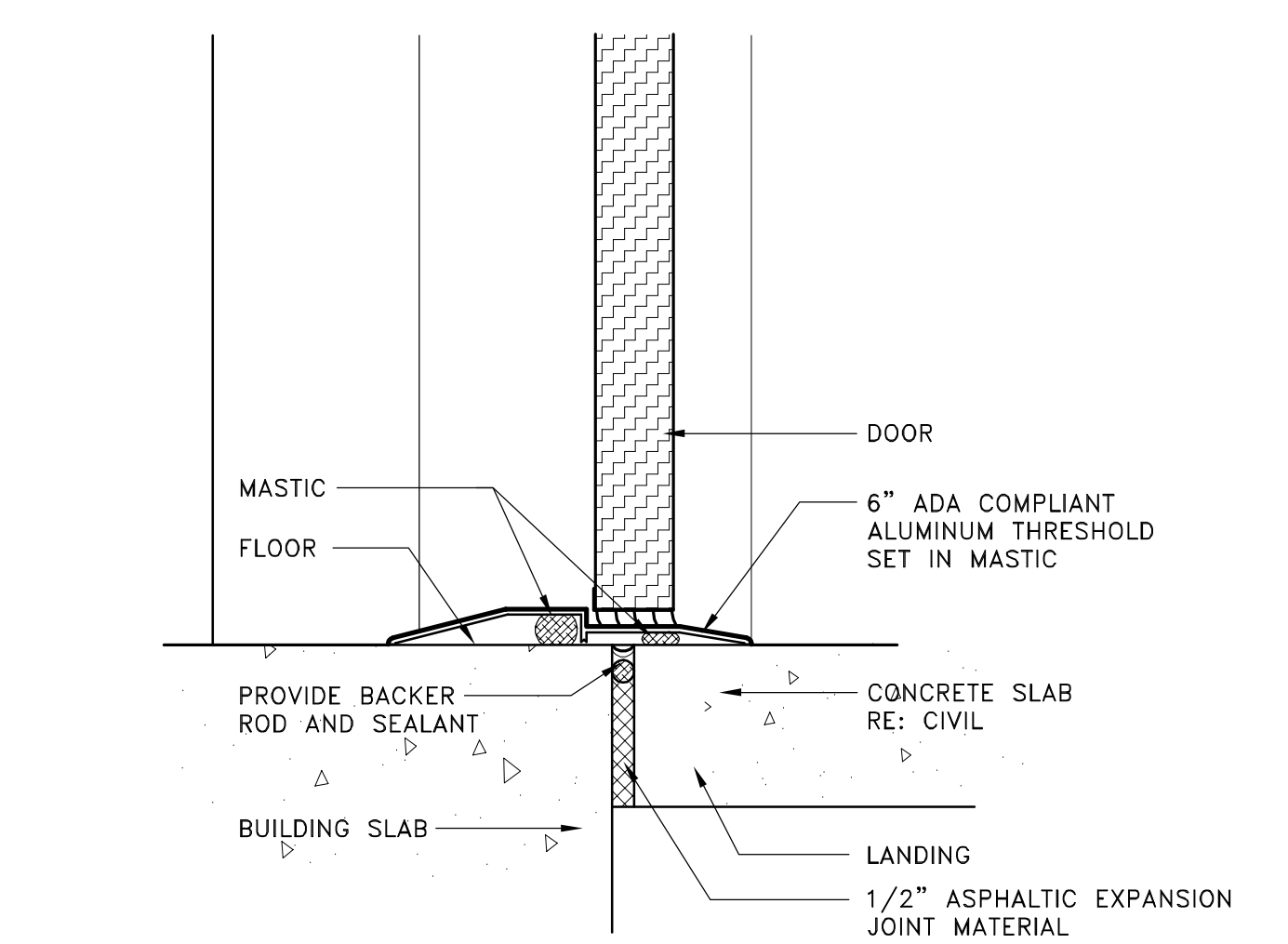
**11** WINDOW JAMB  
 3" = 1'-0"



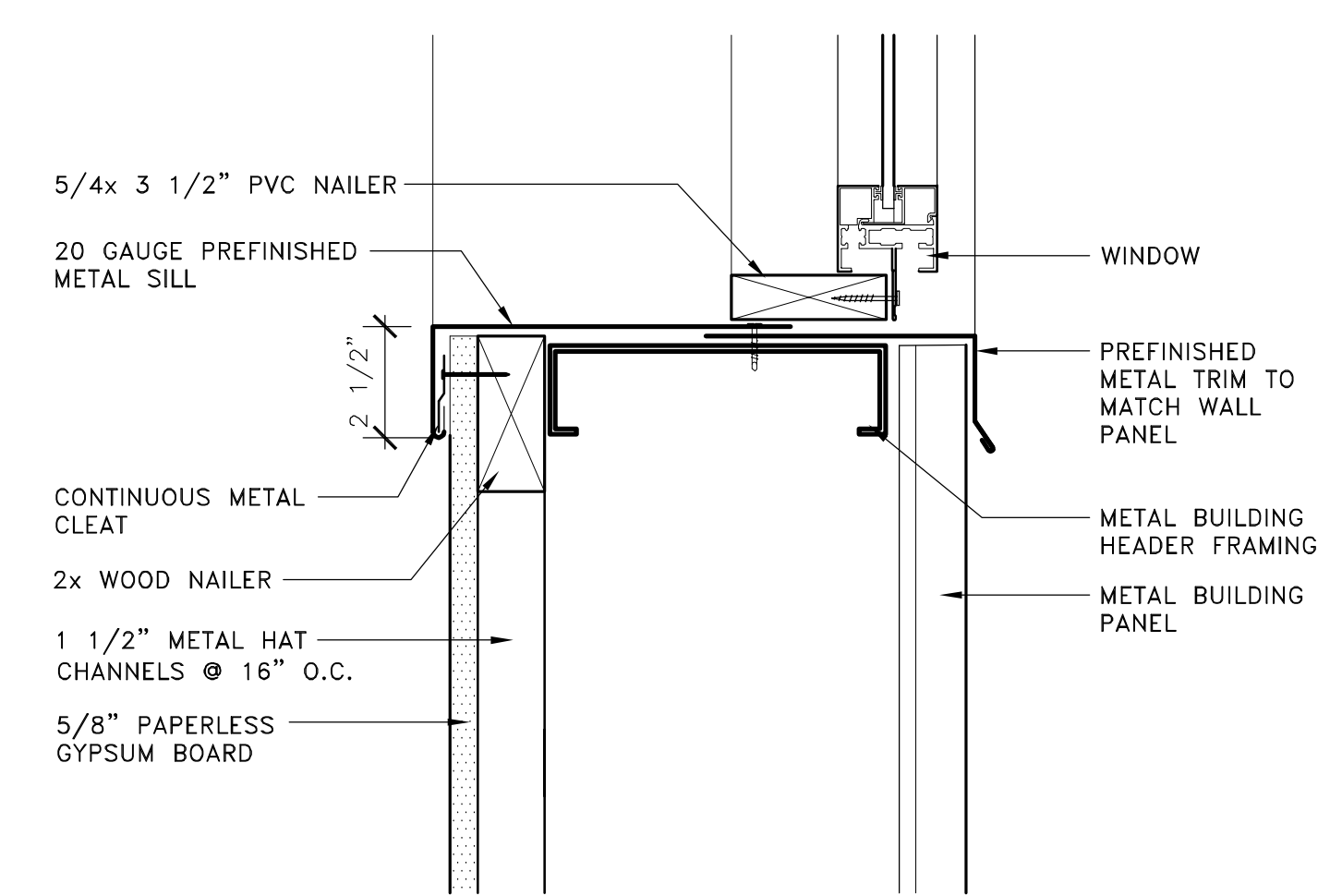
**3** EXTERIOR WALL BASE  
 3" = 1'-0"



**6** INTERIOR WALL BASE  
 3" = 1'-0"



**9** EXTERIOR DOOR BASE  
 3" = 1'-0"



**13** WINDOW SILL  
 3" = 1'-0"



### 3 LEGEND

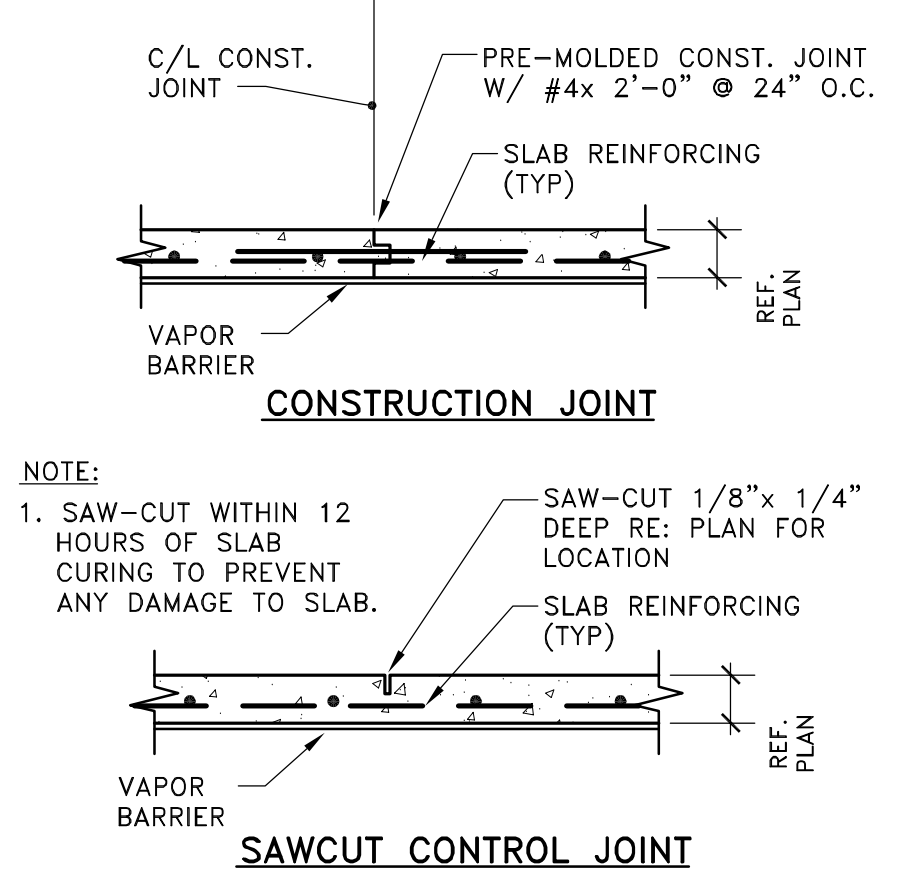
	MASONRY WALL RE: ARCHITECTURAL
	CONTROL JOINT

### 4 FOUNDATION SCHEDULE

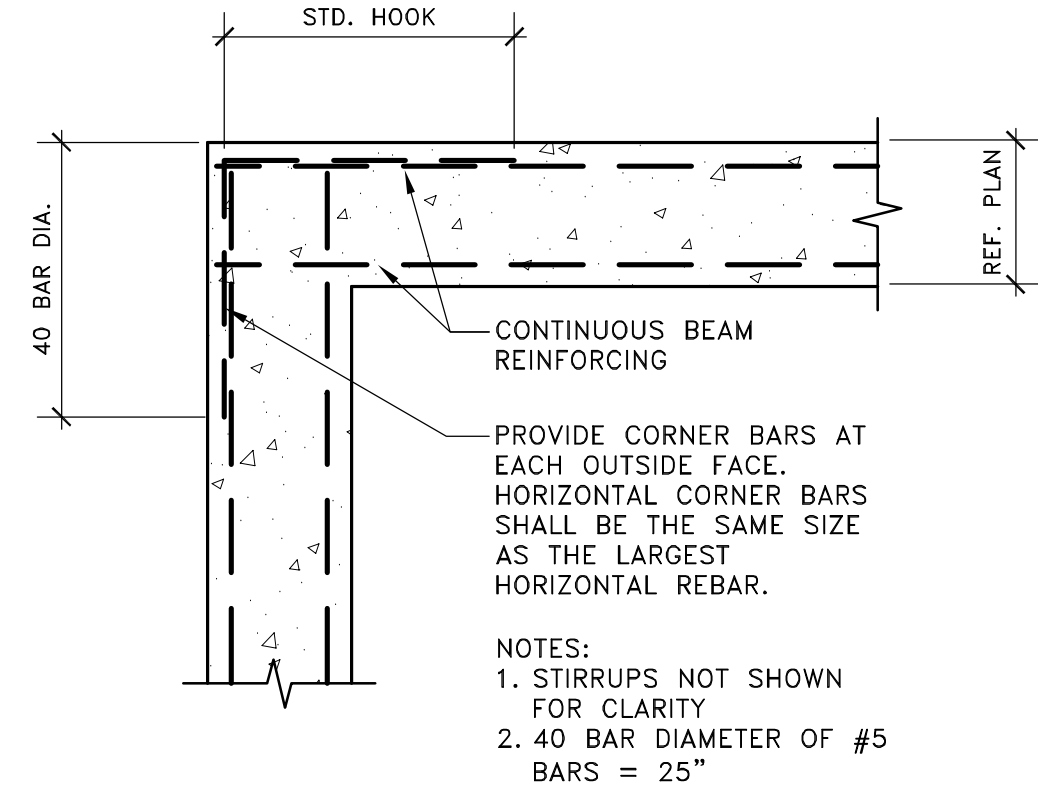
MARK	FOOTING SIZE	FOOTING THICKNESS	REINFORCEMENT
FS1	1'-0" x CONT.	16"	#3 AT 36" O.C. W/ 4 - #5 CONT.
F1	2'-6" x 2'-6"	16"	3 - #5 BARS EACH WAY AT BOTTOM
F2	3'-6" x 3'-6"	16"	4 - #5 BARS EACH WAY AT BOTTOM
F3	4'-0" x 4'-0"	16"	5 - #5 BARS EACH WAY AT BOTTOM
F4	6'-0" x 6'-0"	16"	8 - #5 BARS EACH WAY AT BOTTOM 4 - #4 SHORT BARS EACH WAY AT TOP

## 2 FOUNDATION NOTES

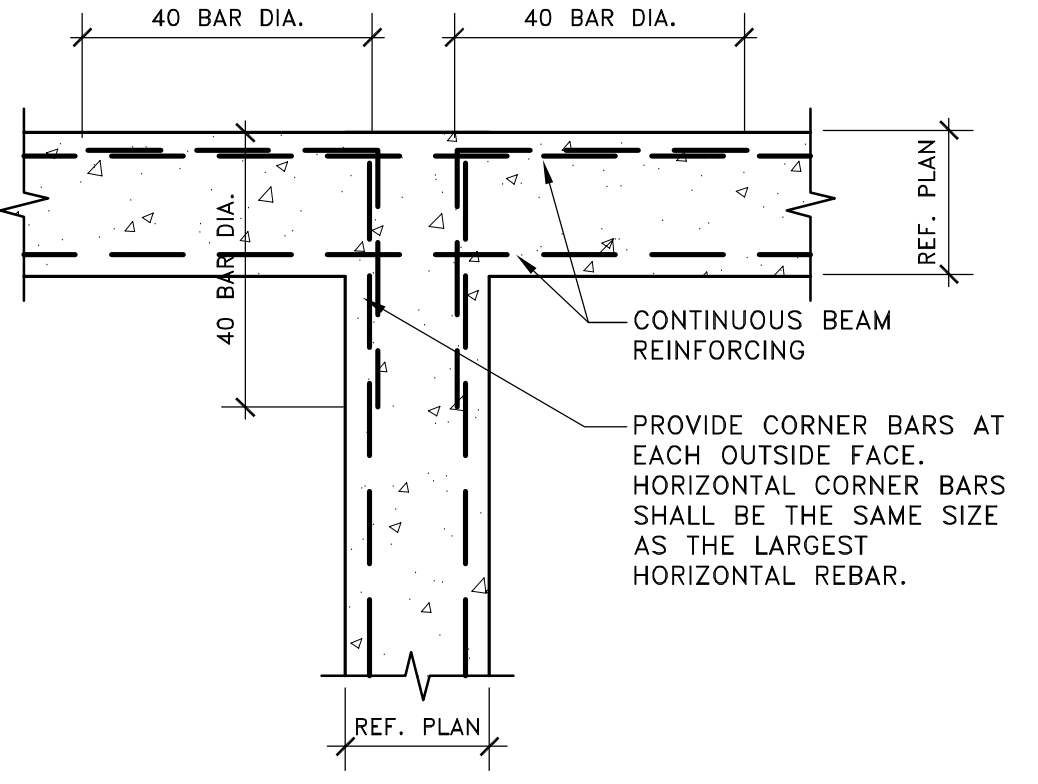
- DIMENSIONS ARE TO CENTERLINE OF COLUMNS U.N.O.
- REFER TO SHEET S2 FOR ADDITIONAL CONCRETE REQUIREMENTS
- SLAB SHALL BE A MINIMUM OF 4" THICK, 3000 PSI CONCRETE SLAB
- PROVIDE WWR 6x6 W2.9xW2.9 SLAB REINFORCEMENT AT MID-DEPTH OF SLAB
- TREAT BUILDING PAD FOR SUBTERRANEAN TERMITES PRIOR TO INSTALLATION OF THE VAPOR BARRIER
- PROVIDE REINFORCED POLYESTER VAPOR BARRIER.
- PLACE SLAB OVER 4" FREE DRAINING CAPILLARY BARRIER (AGGREGATE) OR PER GEOTECHNICAL ENGINEER'S RECOMMENDATION.
- REFER TO ARCHITECTURAL DRAWINGS FOR ANY WALL LOCATIONS AND OR DIMENSIONS NOT SHOWN.
- BOTTOM OF EXTERIOR FTG. = 2'-0" BELOW FINISH FLOOR ELEV. U.N.O.
- AVOID OPEN TRENCH EXCAVATIONS FOR EXTENDED PERIOD OF TIME.
- RE: DETAIL 1/S4 FOR SLAB CONTROL JOINTS.
- ALL SAW CUT CONTROL JOINTS SHALL BE COMPLETED WITHIN 12 HOURS AFTER FINISHING SLAB WITHOUT DISLOGGING AGGREGATE.
- FOUNDATION FOOTINGS SHALL BEAR ON UNDISTURBED NATURAL GROUND. NOTIFY ARCHITECT IF GRADE BEAM DEPTHS SHOWN DO NOT EXTEND TO NATURAL GROUND.
- COORDINATE LOCATIONS OF DRAINS, FIXTURES, CLEANOUTS, ETC. WITH PLUMBING AND CIVIL PLANS
- SLOPE TO FLOOR DRAINS SHALL BE 1" IN 6'
- PROVIDE DAP OUTS FOR STEEL COLUMNS AS SHOWN. REFER TO METAL BUILDING DRAWINGS FOR BASE PLATE SIZES.
- FOUNDATION HAS BEEN DESIGNED TO ACCOMMODATE THE FOLLOWING LOADS:  
 19.1. FLOOR LIVE = 100 PSF  
 19.2. ROOF LIVE = 20 PSF
- FILL, FOUNDATION BEAM DEPTHS, AND SITE PREPARATION SHALL BE IN ACCORDANCE WITH GEOTECHNICAL (SOIL) REPORT AND CIVIL DRAWINGS
- MAXIMUM FILL HEIGHT ALLOWED= 36 INCHES
- CONTRACTOR SHALL PLAN HIS WORK IN ORDER TO PLACE CONCRETE AS SOON AS POSSIBLE AFTER SOIL HAS BEEN PREPARED FOR CONSTRUCTION IN ORDER TO MINIMIZE DAMAGE OF THE SOIL BY EXPOSURE TO THE ENVIRONMENT. DO NOT PLACE CONCRETE ON SOILS THAT HAVE BEEN DISTURBED BY BY RAINFALL, PONDING WATER OR DESICCATED SOILS (SOILS THAT HAVE EXCESSIVELY DRIED).
- REFER TO METAL BUILDING DRAWINGS FOR ANCHOR BOLTS AND OTHER REQUIRED EMBEDS
- GRADE BEAM DEPTHS/WIDTHS SHOWN SHALL NOT BE REDUCED. GRADE BEAM DEPTHS/WIDTHS MAY BE ENLARGED BY 20%.
- ALL WORK SHALL BE IN CONFORMANCE WITH ALL LOCAL & FEDERAL REQUIREMENTS, CODES & REGULATIONS.
- CONTRACTOR SHALL SET FORMWORK BASED ON THE ARCHITECTURAL DRAWINGS
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, GIVEN QUANTITIES, OFFSETS, DROPS, INSERTS, BRICK LEDGES AND BLOCK-OUTS WITH ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.
- ALL ANCHORS, CLIPS, STRAPS & ETC. WHICH ARE IN CONTACT WITH COPPER BASED TREATED WOOD, SUCH AS ACQ, CBA OR SBX, AND ARE LESS THAN 3/8" THICK, SHALL BE SIMPSON ZMAX (G185), STAINLESS STEEL OR AN ENGINEERED APPROVED EQUAL.
- ALL FASTENERS WHICH ARE IN CONTACT WITH COPPER BASED TREATED WOOD, SUCH AS ACQ, CBA OR SBX, AND ARE LESS THAN 3/8" DIAMETER, SHALL BE G185 (A HEAVY COATED GALVANIZED) STAINLESS OR AN ENGINEER APPROVED EQUAL.



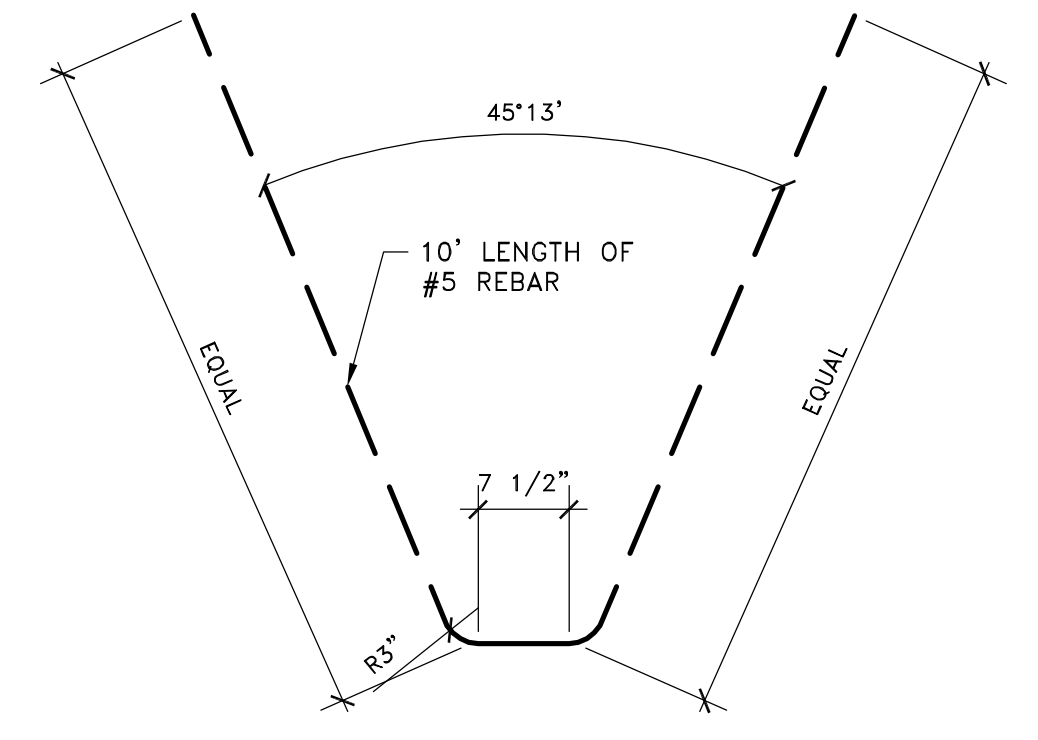
**5 SLAB ON GRADE JOINTS**  
 3/4" = 1'-0"



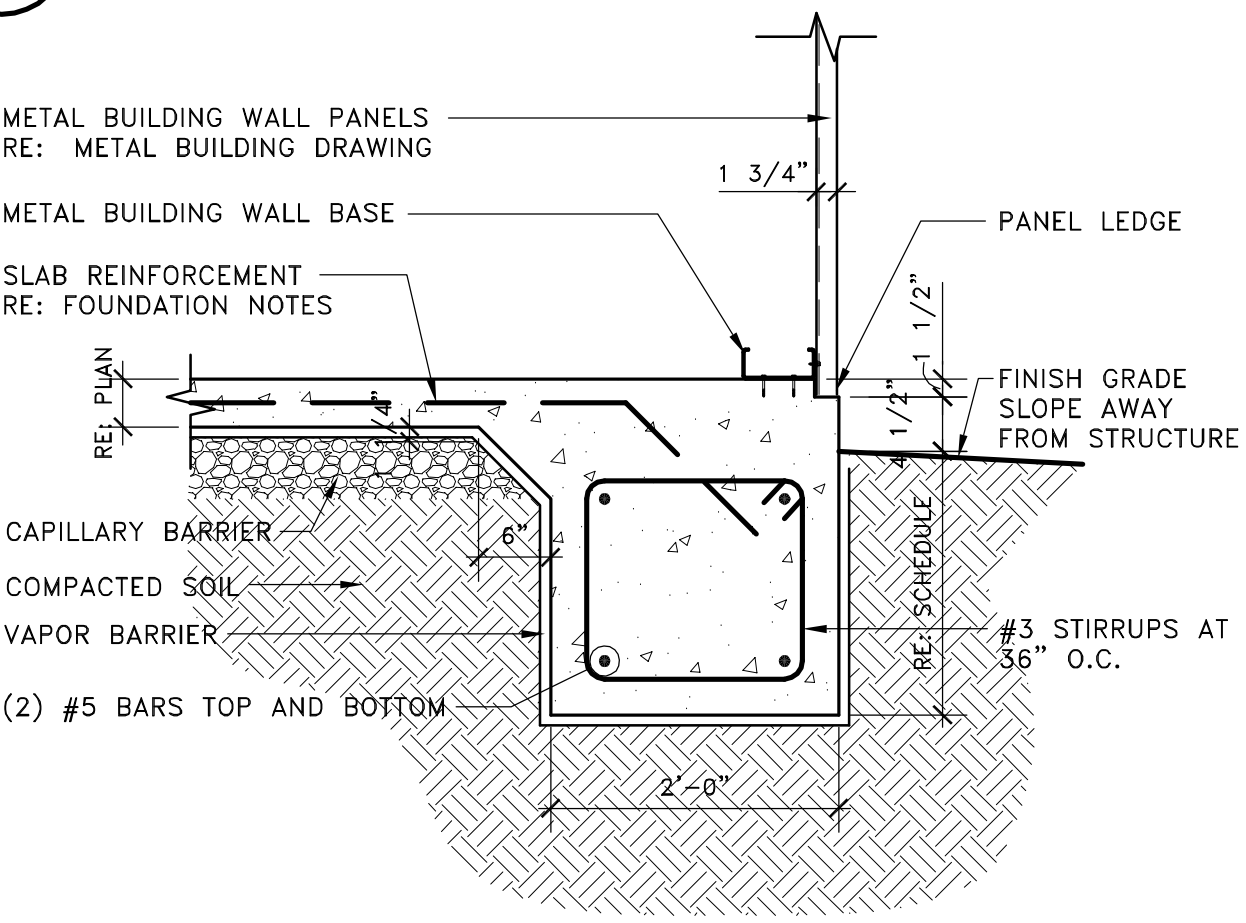
**6 TYPICAL CONTINUITY CORNER**  
 3/4" = 1'-0"



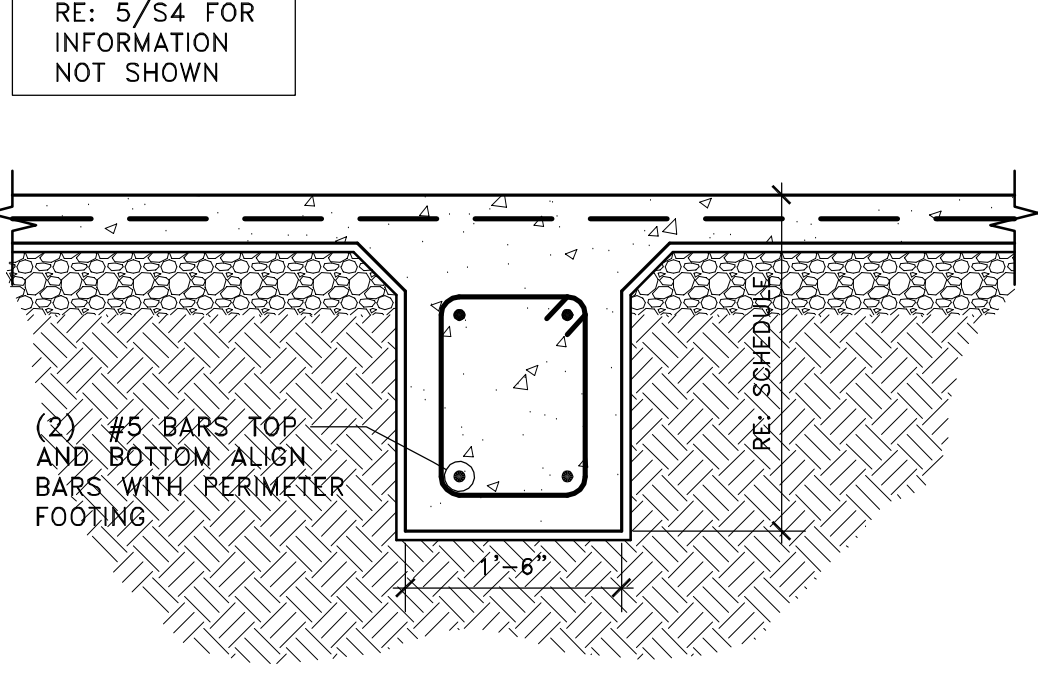
**7 TYPICAL CONTINUITY "T"**  
 3/4" = 1'-0"



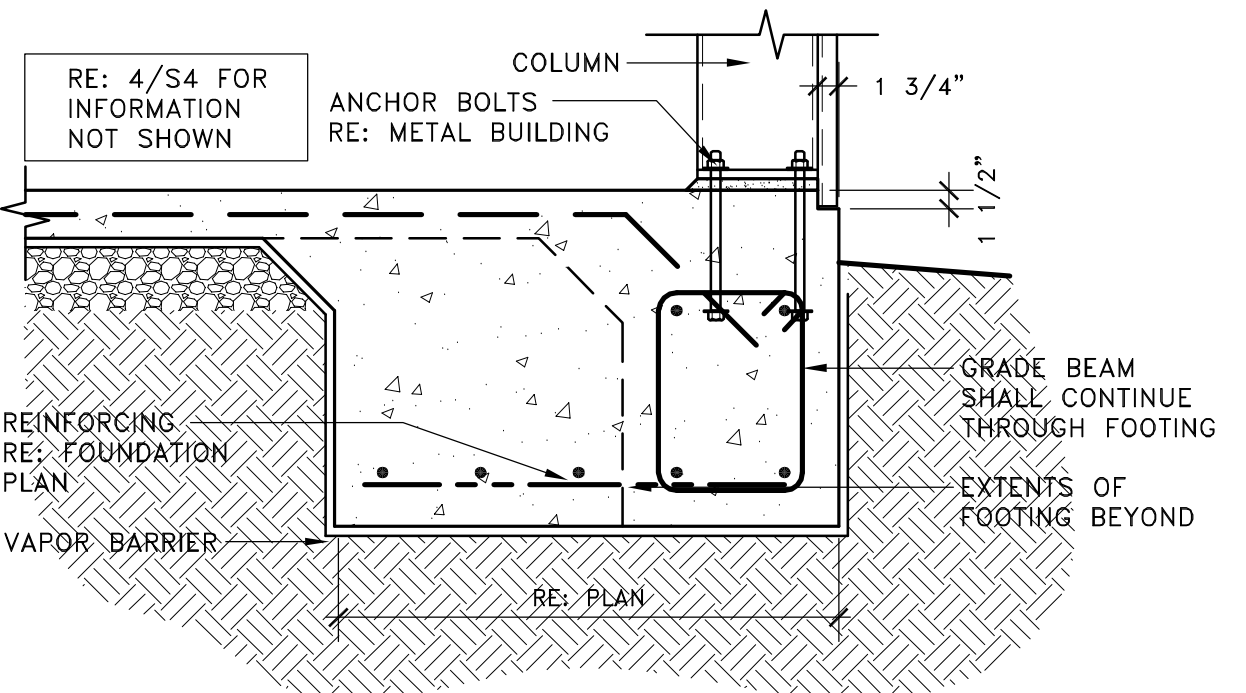
**8 COLUMN HAIRPIN DETAIL**  
 3/4" = 1'-0"



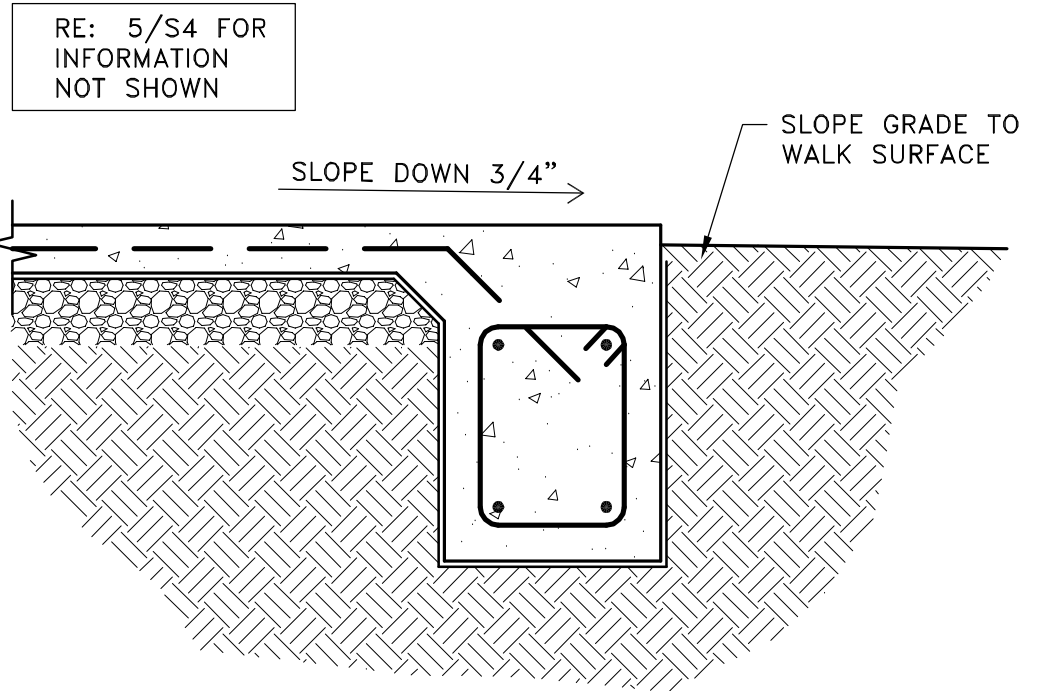
**9 EXTERIOR FOOTING AT CMU WALL**  
 3/4" = 1'-0"



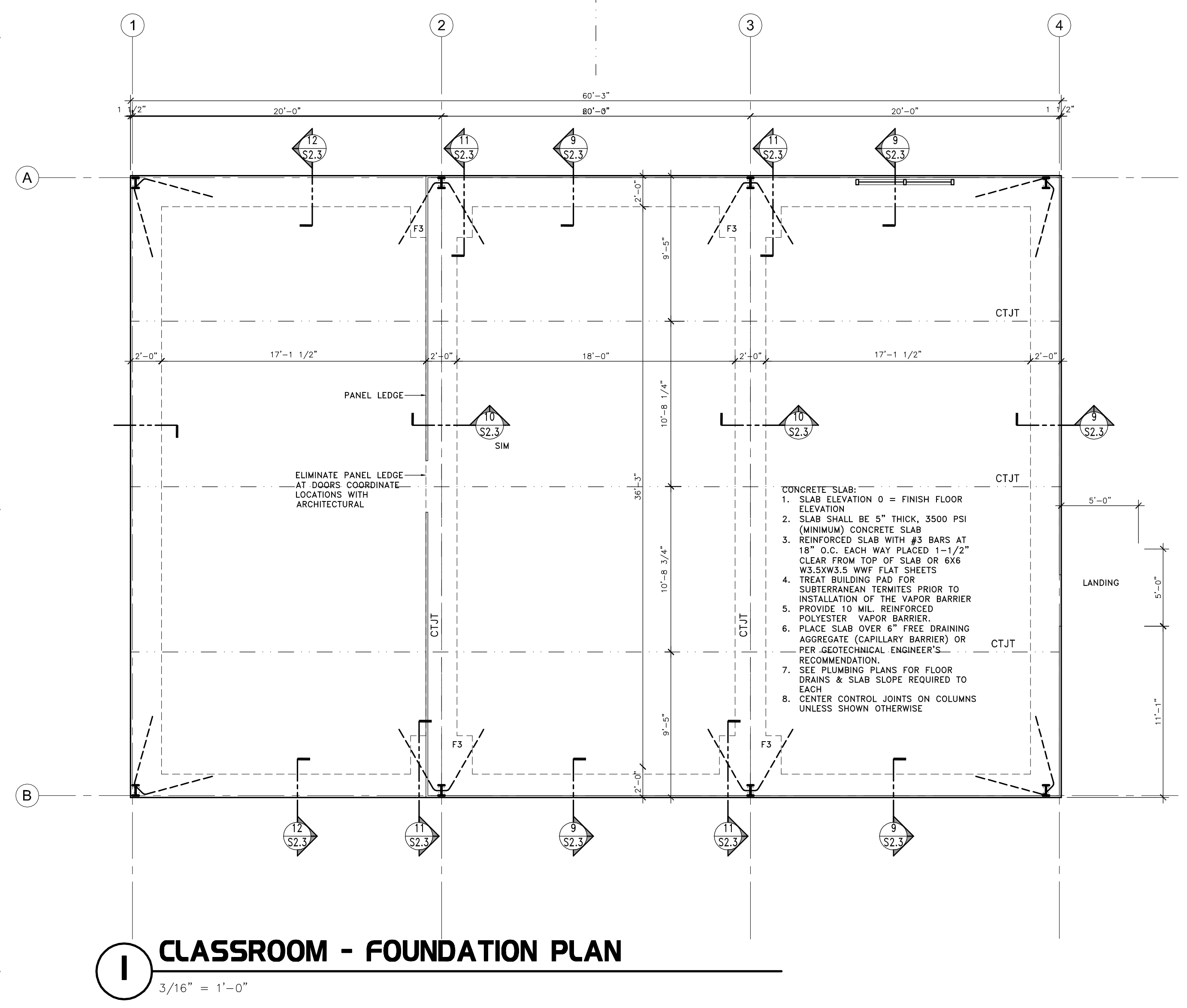
**10 INTERIOR STIFFNER**  
 3/4" = 1'-0"



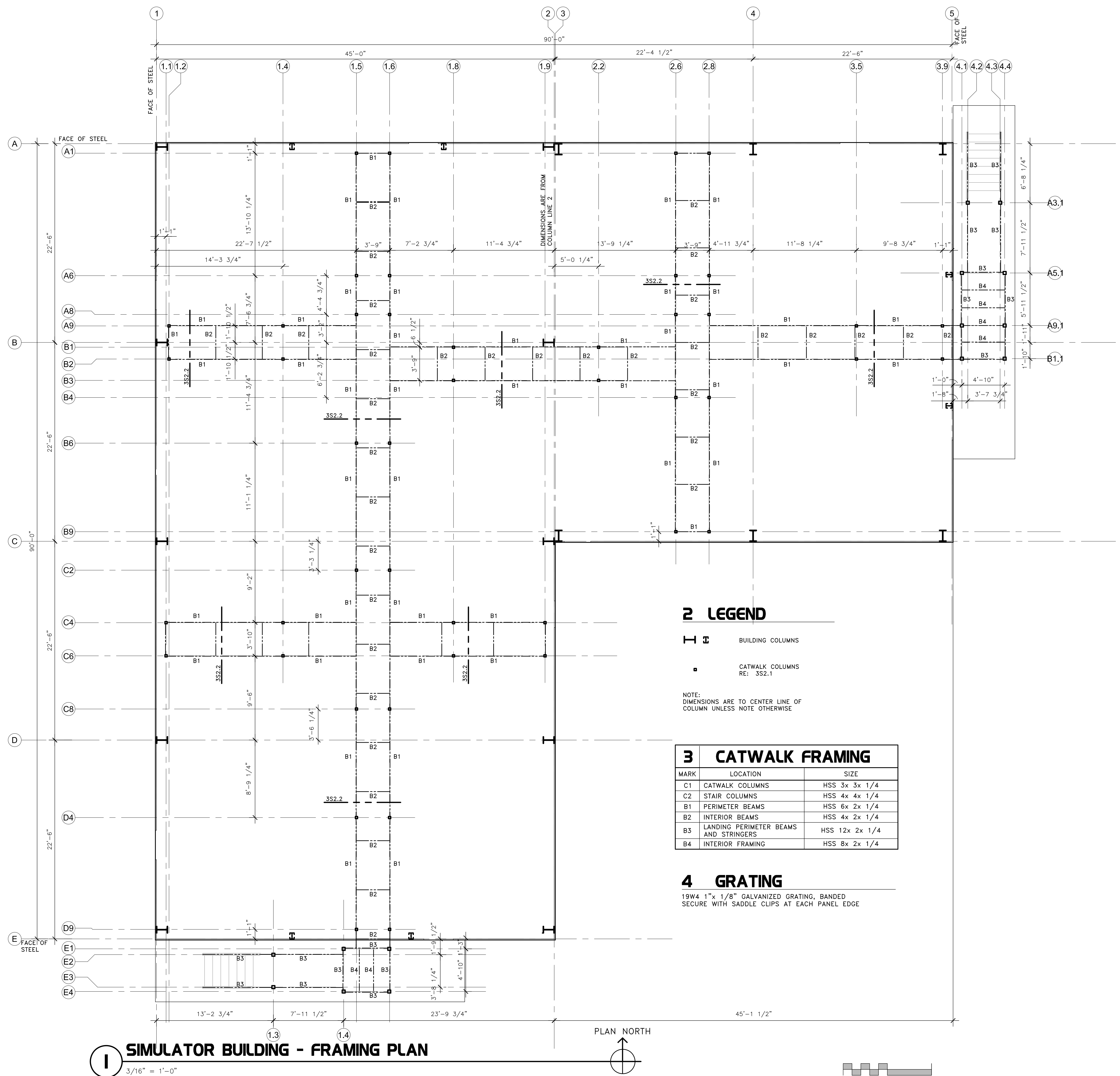
**11 EXTERIOR COLUMN FOOTING**  
 3/4" = 1'-0"



**12 EXTERIOR FOOTING AT DOOR**  
 3/4" = 1'-0"



**1 CLASSROOM - FOUNDATION PLAN**  
 3/16" = 1'-0"



**2 LEGEND**

- BUILDING COLUMNS
- CATWALK COLUMNS  
RE: 3S2.1

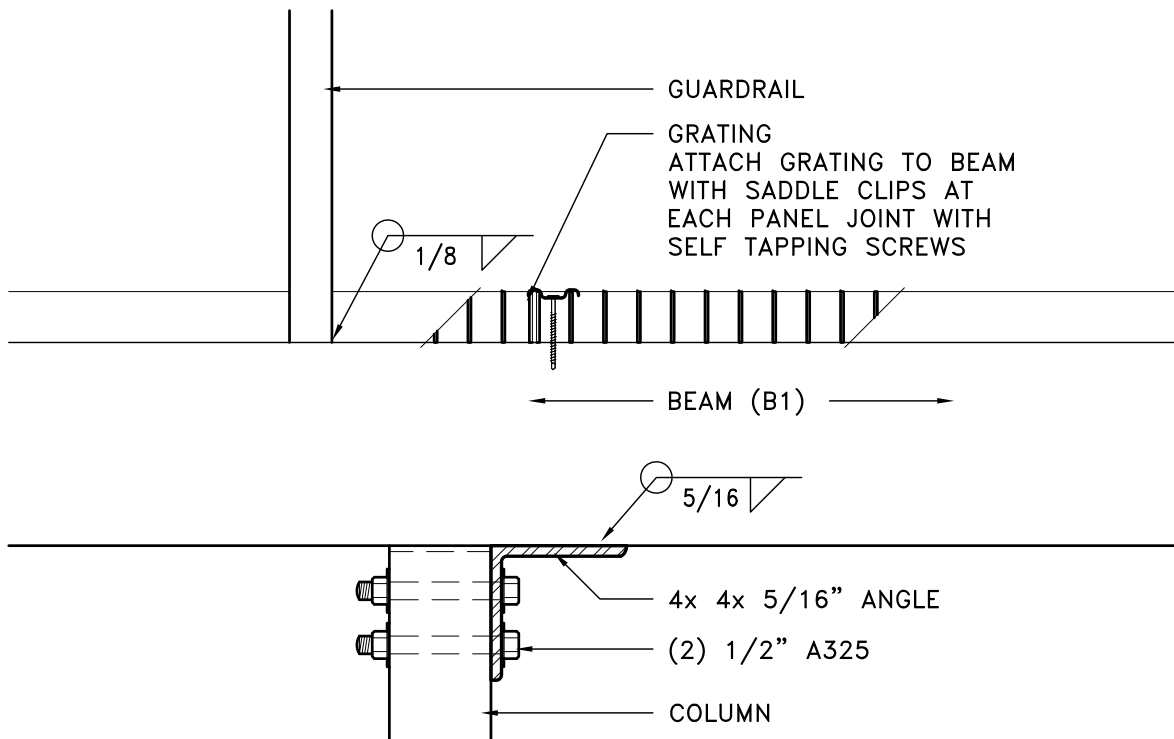
NOTE:  
 DIMENSIONS ARE TO CENTER LINE OF  
 COLUMN UNLESS NOTE OTHERWISE

**3 CATWALK FRAMING**

MARK	LOCATION	SIZE
C1	CATWALK COLUMNS	HSS 3x 3x 1/4
C2	STAIR COLUMNS	HSS 4x 4x 1/4
B1	PERIMETER BEAMS	HSS 6x 2x 1/4
B2	INTERIOR BEAMS	HSS 4x 2x 1/4
B3	LANDING PERIMETER BEAMS AND STRINGERS	HSS 12x 2x 1/4
B4	INTERIOR FRAMING	HSS 8x 2x 1/4

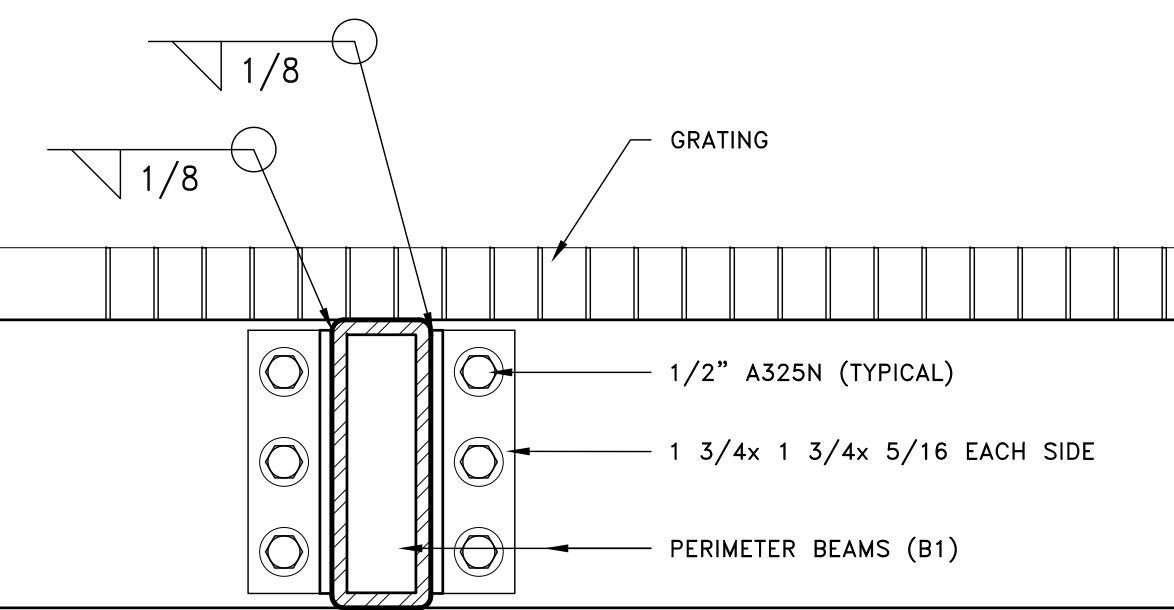
**4 GRATING**

19W4 1"x 1/8" GALVANIZED GRATING, BANDED  
 SECURE WITH SADDLE CLIPS AT EACH PANEL EDGE



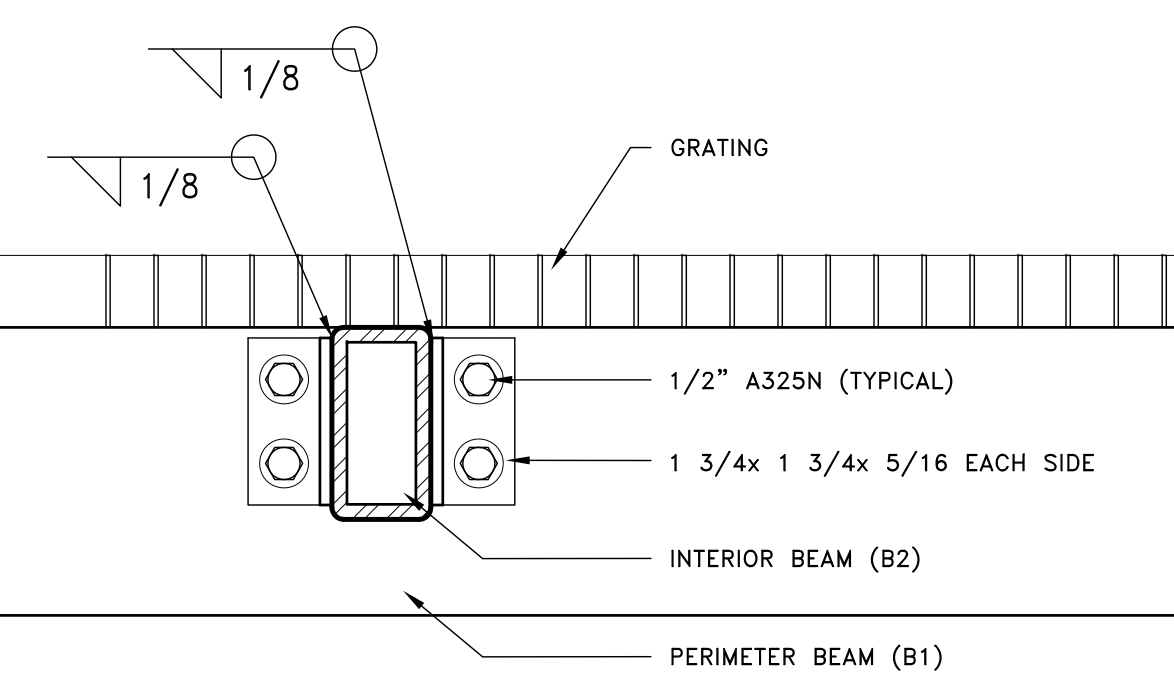
**5 CATWALK DETAIL**

3" = 1'-0"



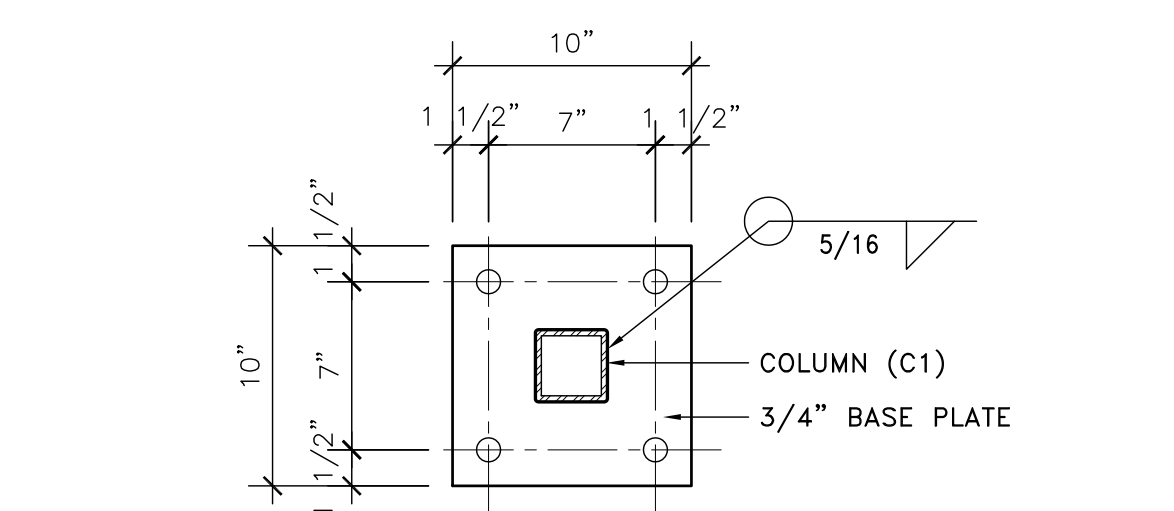
**6 PERIMETER BEAM TO BEAM**

3" = 1'-0"



**7 PERIMETER BEAM TO BEAM**

3" = 1'-0"



**8 CATWALK COLUMN BASE**

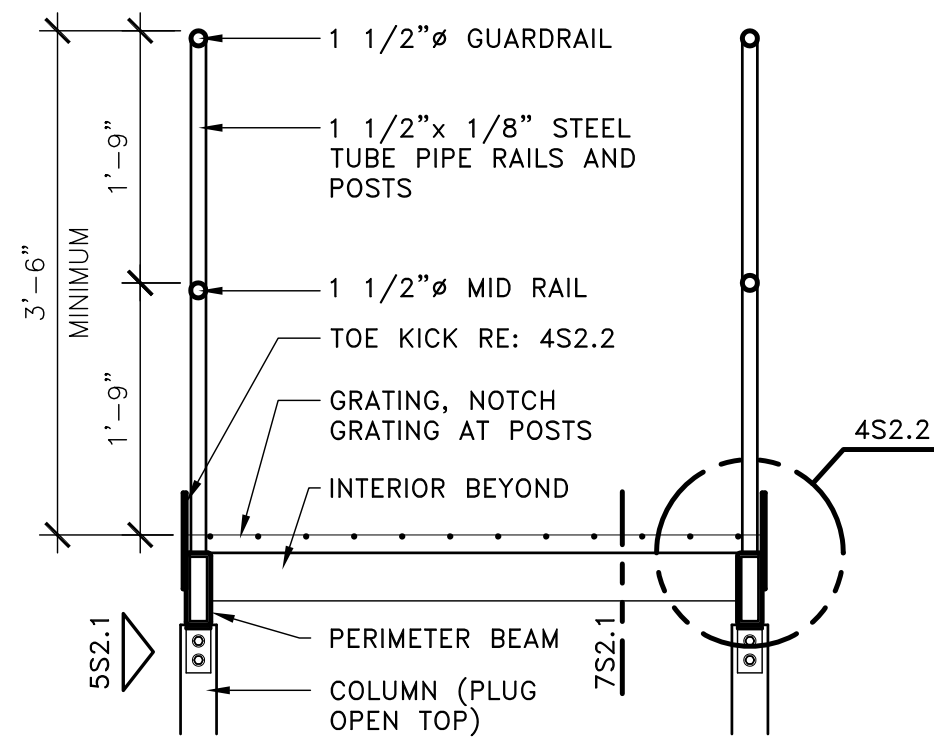
1 1/2" = 1'-0"

**1 SIMULATOR BUILDING - FRAMING PLAN**

3/16" = 1'-0"

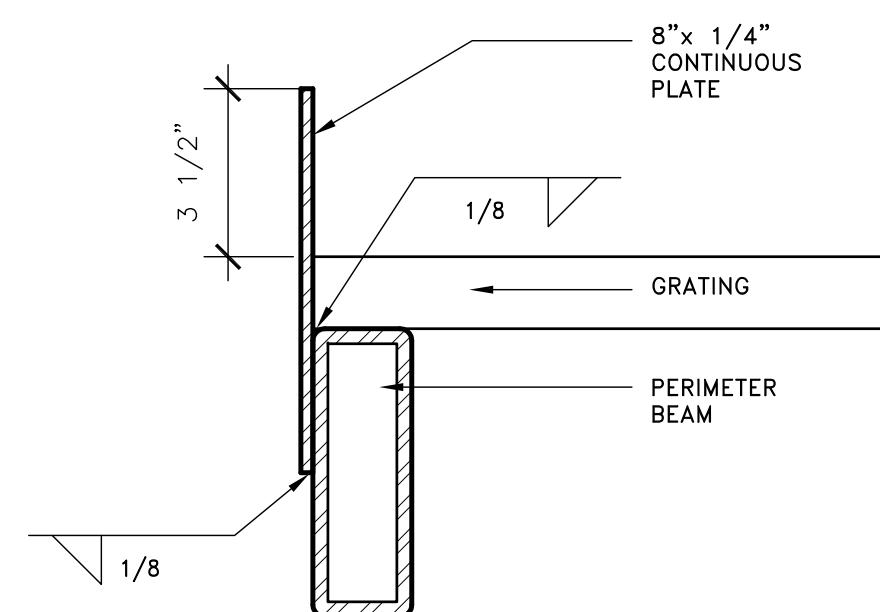
## 2 LEGEND

	EXPANSION JOINT RE: 8S2.3
	CONTROL JOINT RE: 8S2.3
	BUILDING COLUMNS
	CATWALK COLUMNS RE: 11S2.3
	HAIRPIN RE: 4S2.3
	TOP OF SLAB ELEVATION (0" = FINISH FLOOR ELEVATION) RE: CIVIL



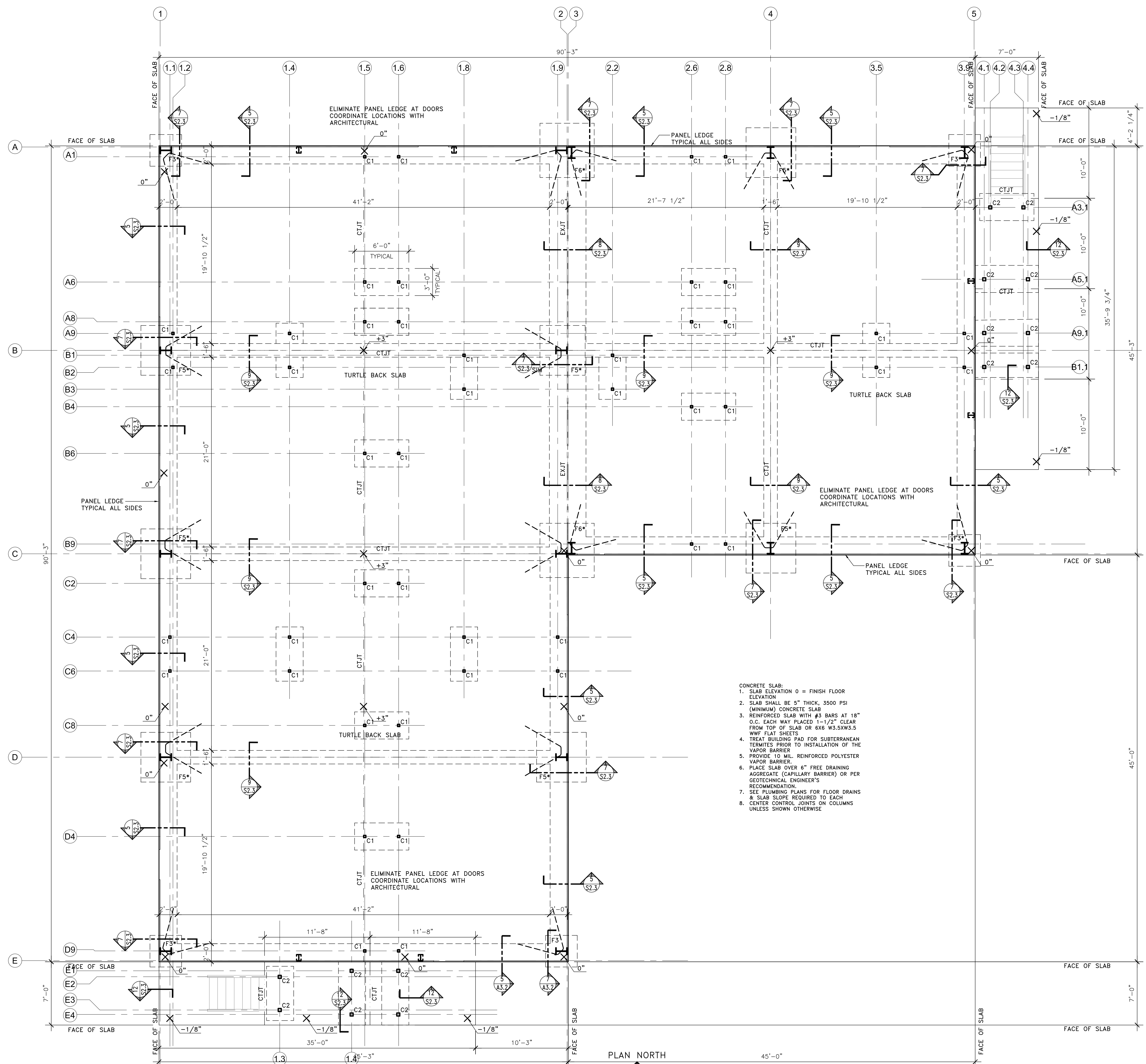
## 3 CATWALK SECTION

3/4" = 1'-0"



## 4 TOE BOARD

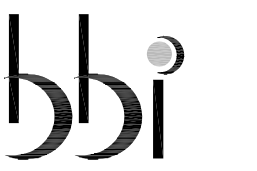
3" = 1'-0"



## 1 SIMULATOR BUILDING - FOUNDATION PLAN

3/16" = 1'-0"

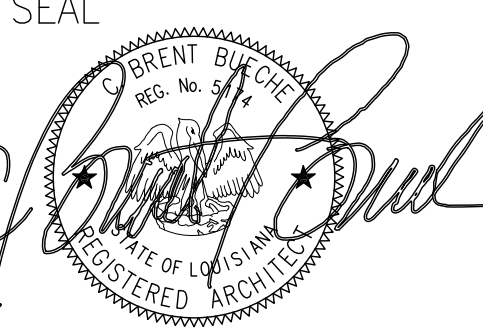
- CONCRETE SLAB:
1. SLAB ELEVATION 0 = FINISH FLOOR ELEVATION
  2. SLAB SHALL BE 5" THICK, 3500 PSI (MINIMUM) CONCRETE SLAB
  3. REINFORCED SLAB WITH #3 BARS AT 18" O.C. EACH WAY PLACED 1-1/2" CLEAR FROM TOP OF SLAB OR 6X6 W3.5XW3.5 WWF FLAT SHEETS
  4. TREAT BUILDING PAD FOR SUBTERRANEAN TERMITES PRIOR TO INSTALLATION OF THE VAPOR BARRIER
  5. PROVIDE 10 MIL REINFORCED POLYESTER VAPOR BARRIER
  6. PLACE SLAB OVER 6" FREE DRAINING AGGREGATE (CAPILLARY BARRIER) OR PER GEOTECHNICAL ENGINEER'S RECOMMENDATION.
  7. SEE PLUMBING PLANS FOR FLOOR DRAINS & SLAB SLOPE REQUIRED TO EACH
  8. CENTER CONTROL JOINTS ON COLUMNS UNLESS SHOWN OTHERWISE



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REVISIONS:  
ADDENDUM No. 1  
10/ 21/ 2024

SEAL



BATON ROUGE POLICE DEPARTMENT  
TRAINING FACILITY  
999 WEST IRENE ROAD, ZACHARY, LA 70791

SHEET TITLE

FOUNDATION PLAN

BBi Job No. A24-005

Date 10/1/2024

Drawn By se

Checked By bb

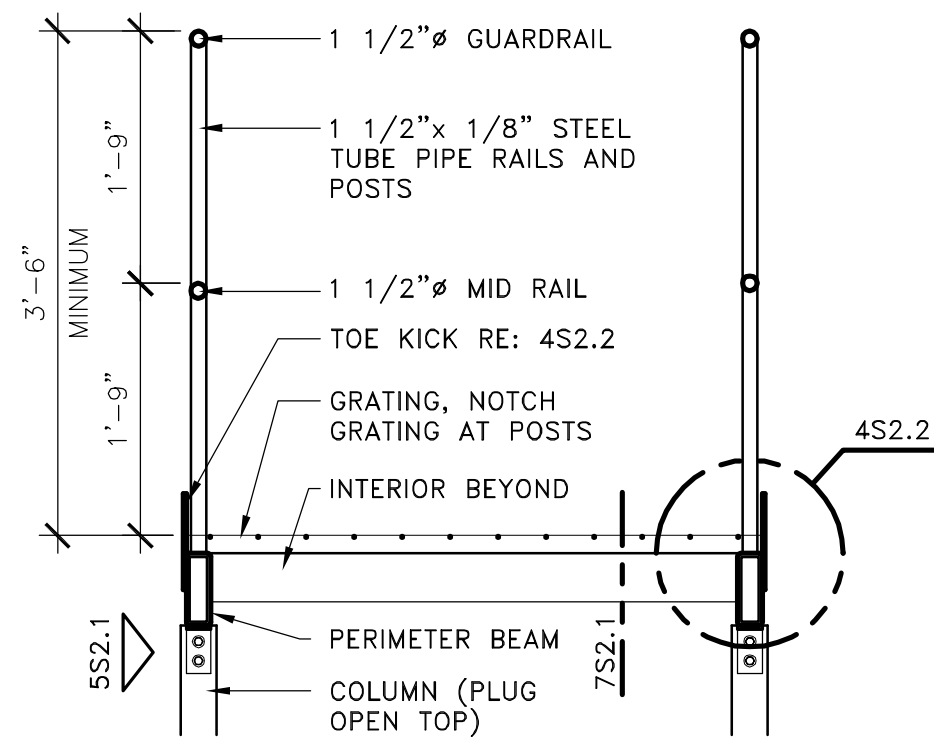
SHEET

S 2.2



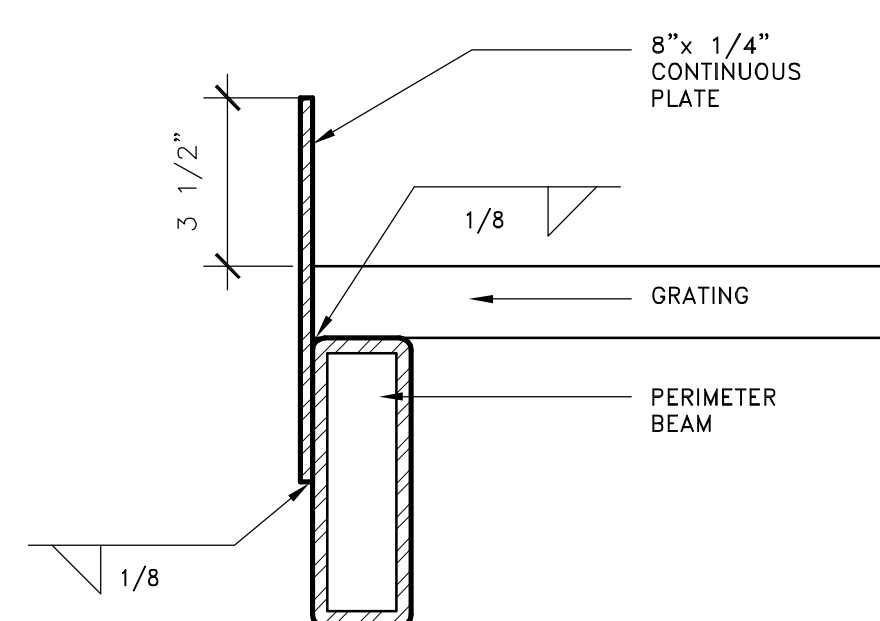
## 2 LEGEND

	EXJT	EXPANSION JOINT RE: 8S2.3
	CTJT	CONTROL JOINT RE: 8S2.3
	<b>H</b>	BUILDING COLUMNS
	■	CATWALK COLUMNS RE: 11S2.3
	⋈	HAIRPIN RE: 4S2.3
	X	TOP OF SLAB ELEVATION (0" = FINISH FLOOR ELEVATION RE: CIVIL)



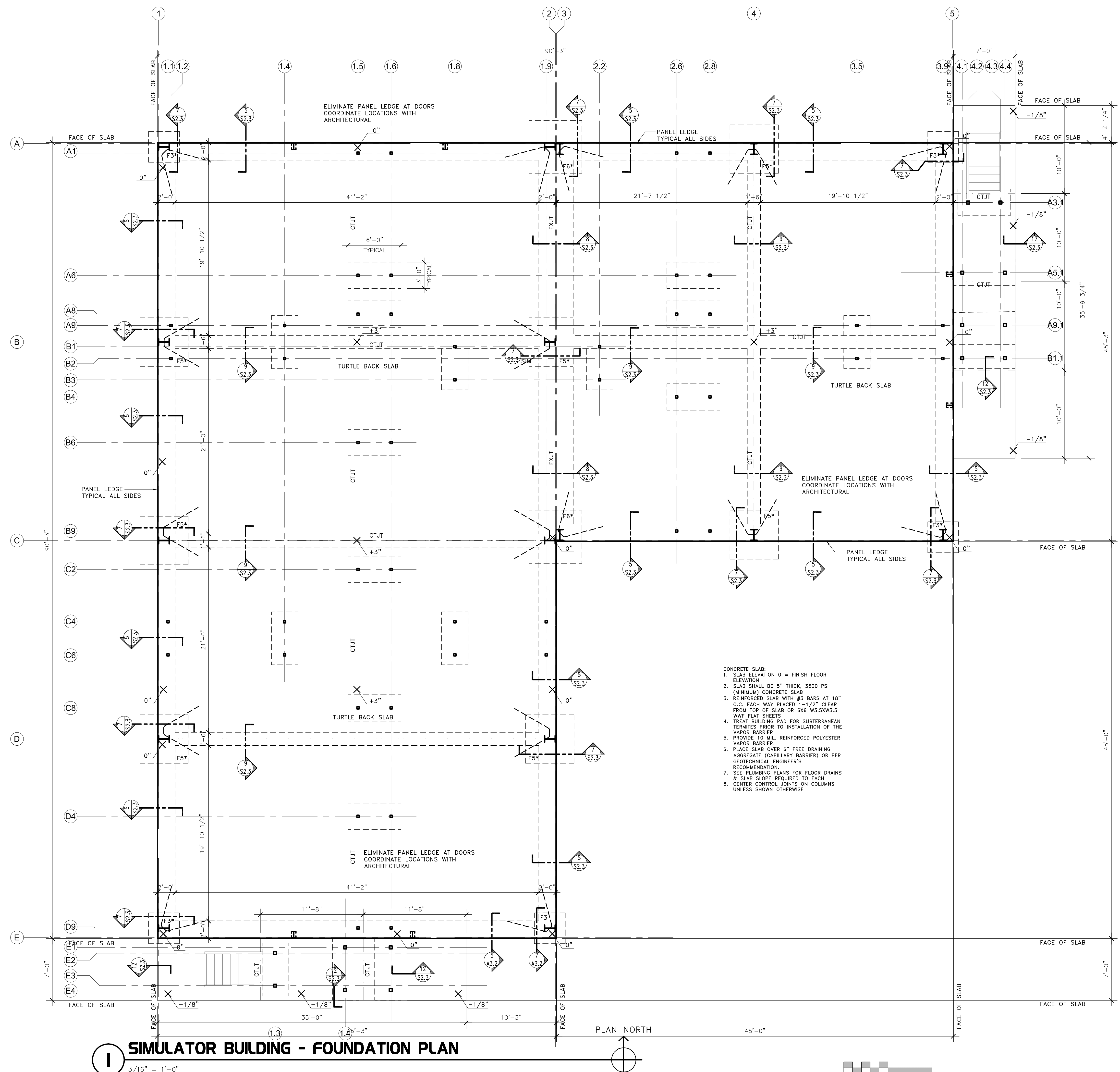
## 3 CATWALK SECTION

3/4" = 1'-0"

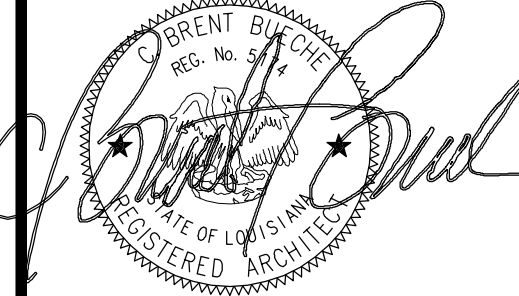


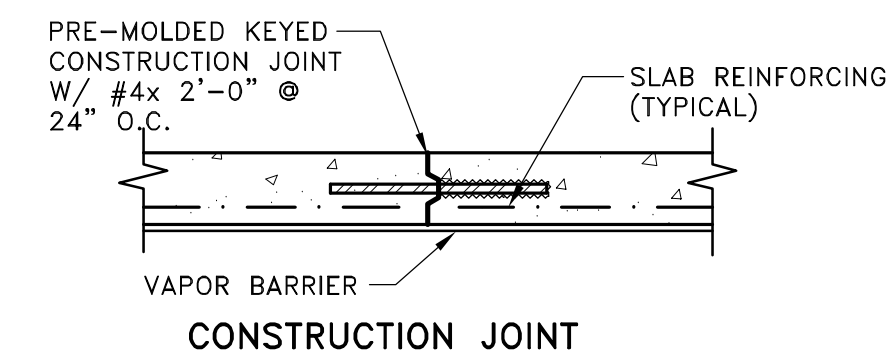
## 4 TOE BOARD

3" = 1'-0"



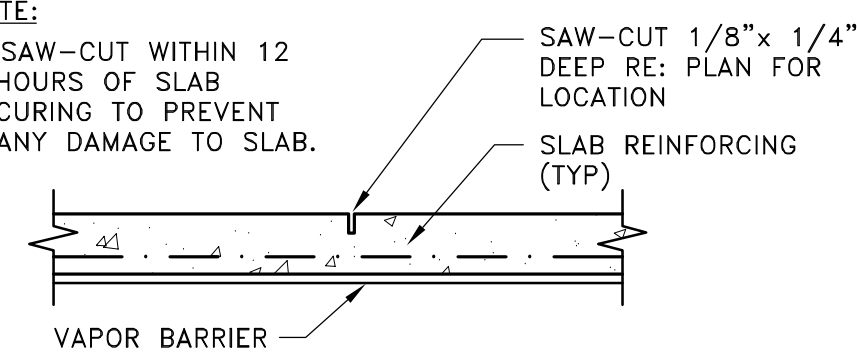
- CONCRETE SLAB:
1. SLAB ELEVATION 0 = FINISH FLOOR ELEVATION
  2. SLAB SHALL BE 5" THICK, 3500 PSI (MINIMUM) CONCRETE SLAB
  3. REINFORCED SLAB WITH #3 BARS AT 18" O.C. EACH WAY PLACED 1-1/2" CLEAR FROM TOP OF SLAB OR 6X6 W3.5XW3.5 WWF FLAT SHEETS
  4. TREAT BUILDING PAD FOR SUBTERRANEAN TERMITES PRIOR TO INSTALLATION OF THE VAPOR BARRIER
  5. PROVIDE 10 MIL REINFORCED POLYESTER VAPOR BARRIER
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  7. SEE PLUMBING PLANS FOR FLOOR DRAINS & SLAB SLOPE REQUIRED TO EACH
  8. CENTER CONTROL JOINTS ON COLUMNS UNLESS SHOWN OTHERWISE



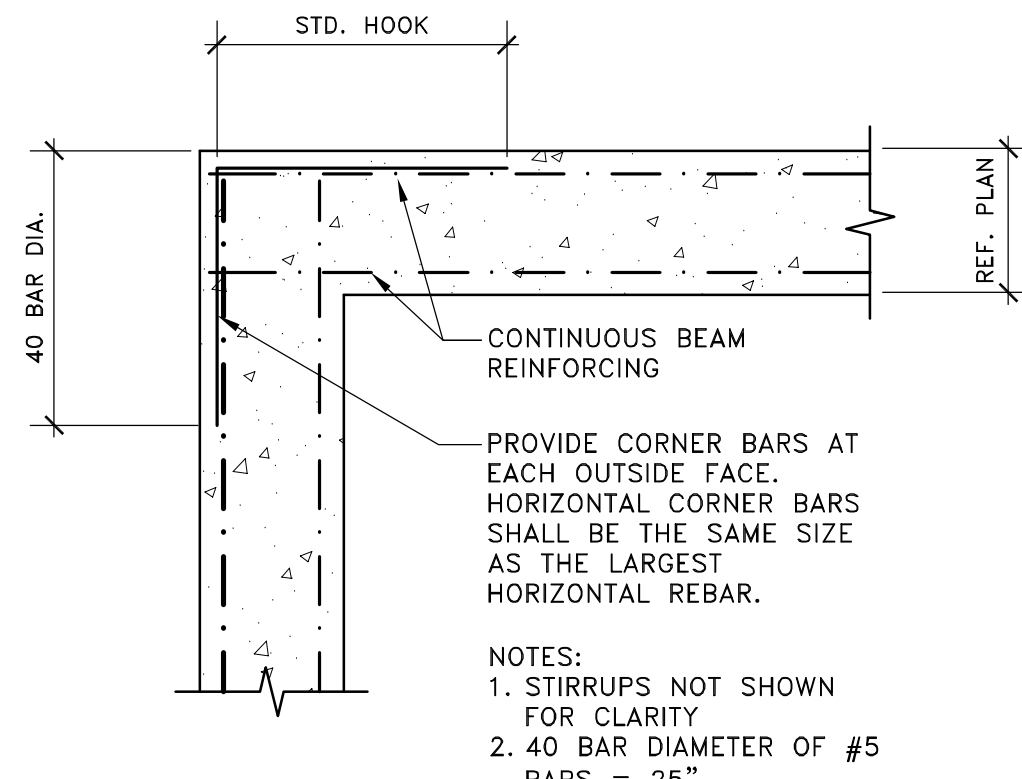


NOTE:

1. SAW-CUT WITHIN 12 HOURS OF SLAB CURING TO PREVENT ANY DAMAGE TO SLAB.

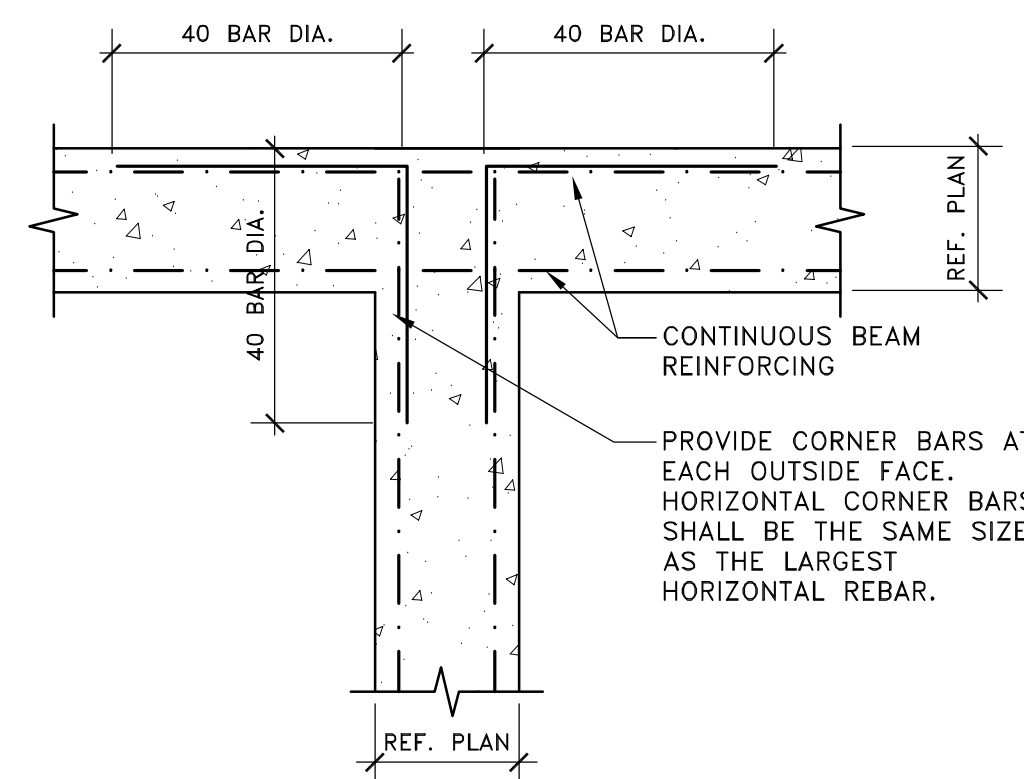


**1 SLAB ON GRADE JOINTS**  
NOT TO SCALE

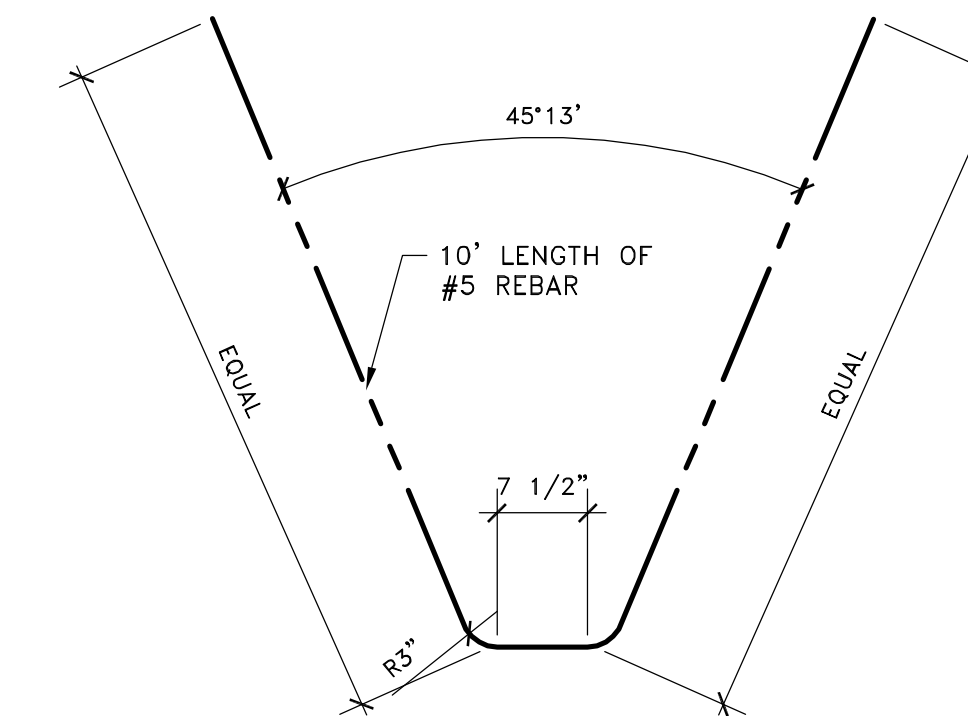


NOTES:  
1. STIRRUPS NOT SHOWN FOR CLARITY  
2. 40 BAR DIAMETER OF #5 BARS = 25"

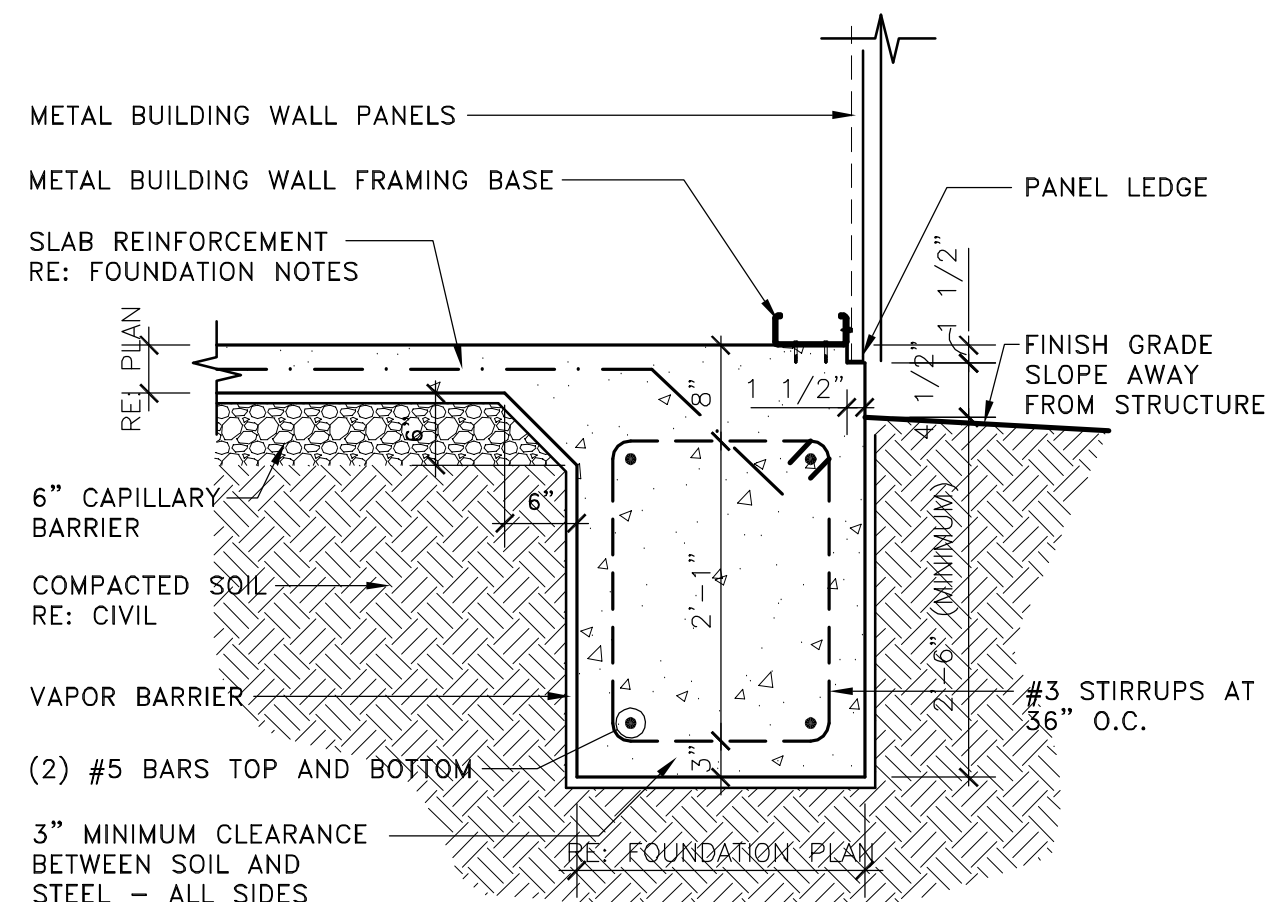
**2 TYPICAL CONTINUITY CORNER**  
3/4" = 1'-0"



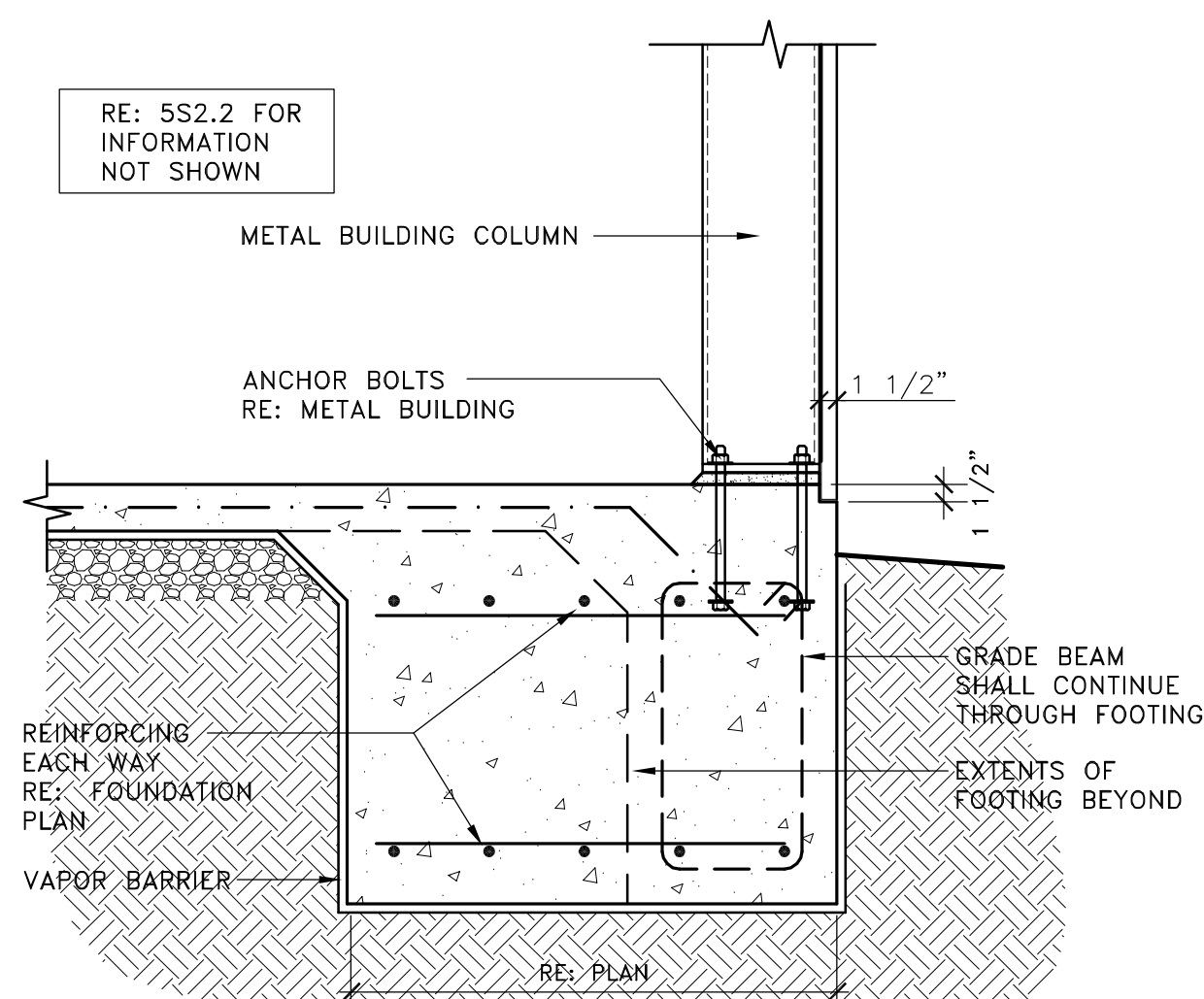
**3 TYPICAL CONTINUITY "T"**  
3/4" = 1'-0"



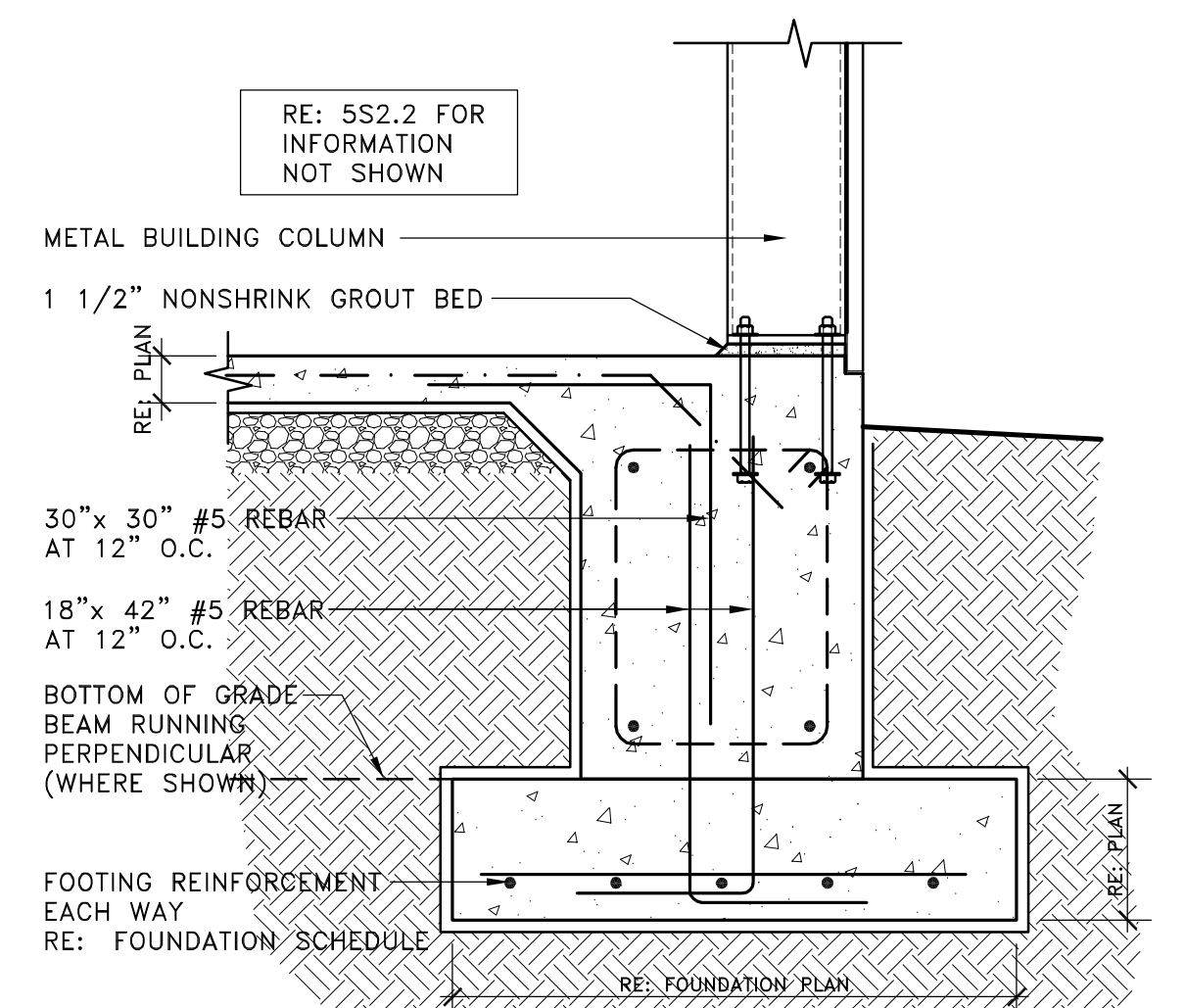
**4 HAIRPIN**  
3/4" = 1'-0"



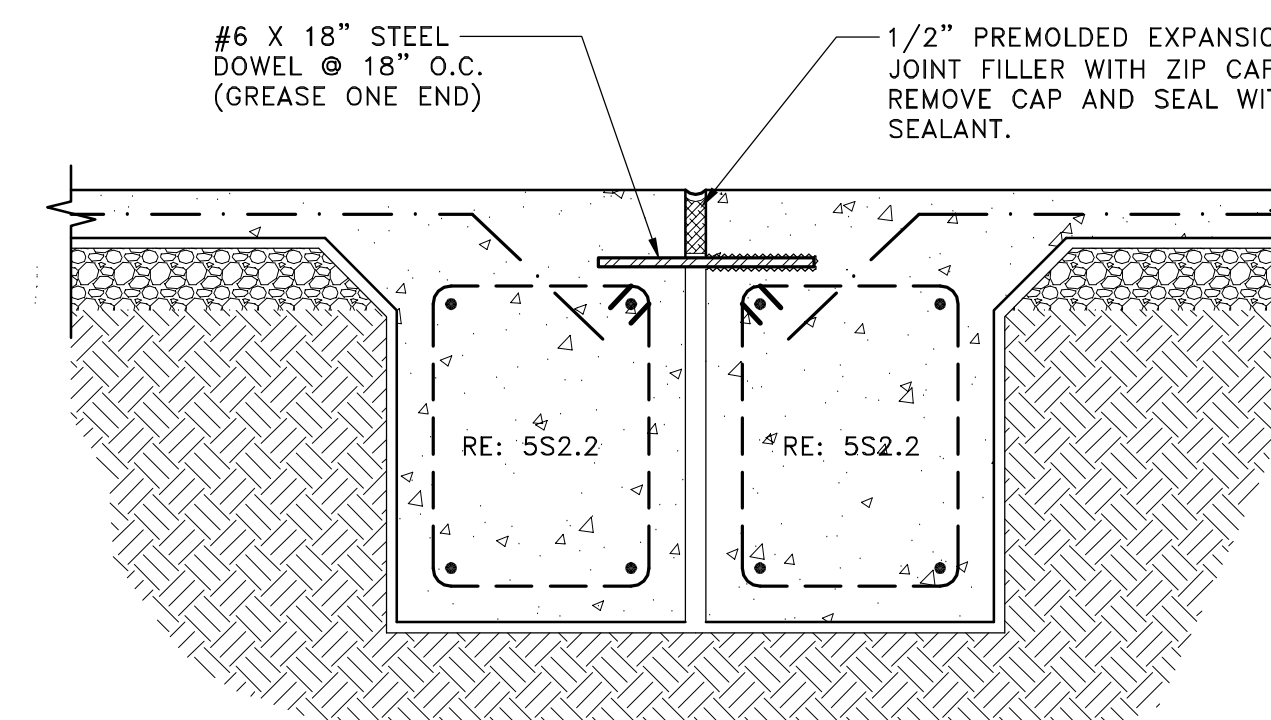
**5 EXTERIOR GRADE BEAM**  
3/4" = 1'-0"



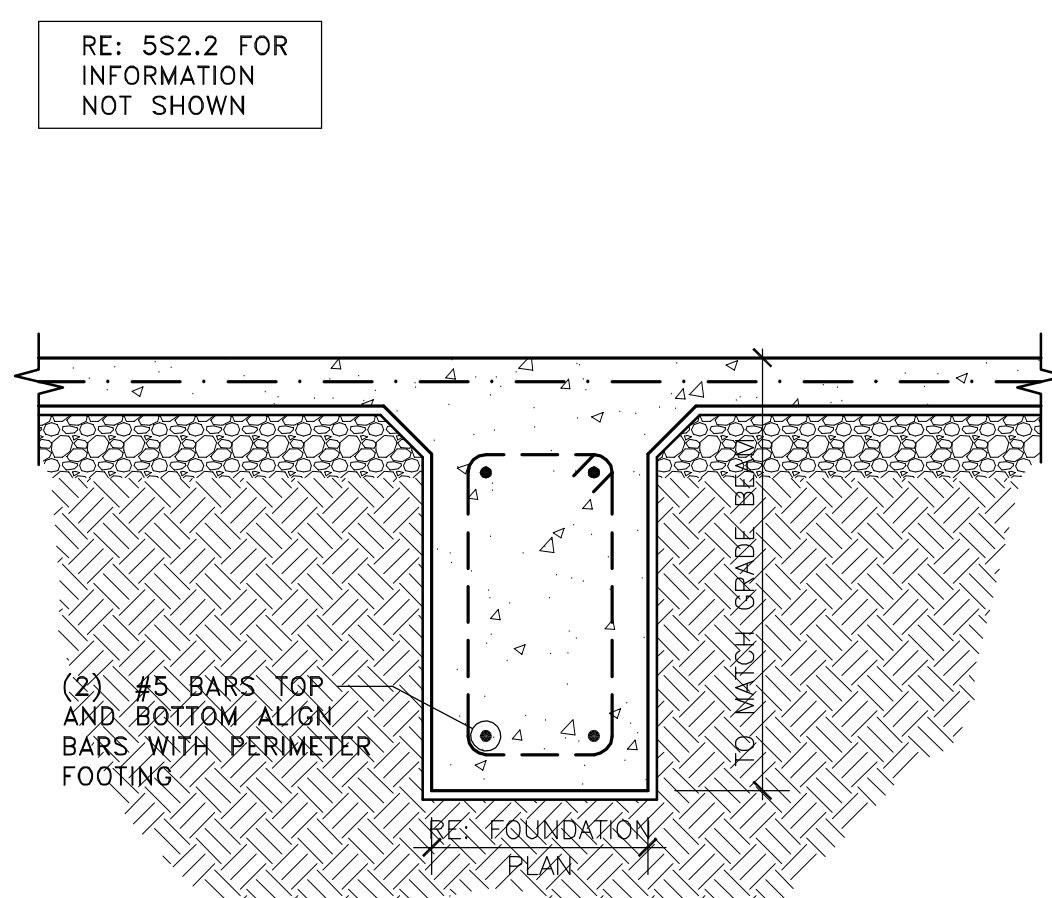
**6 GRADE BEAM - COLUMN FOOTING**  
3/4" = 1'-0"



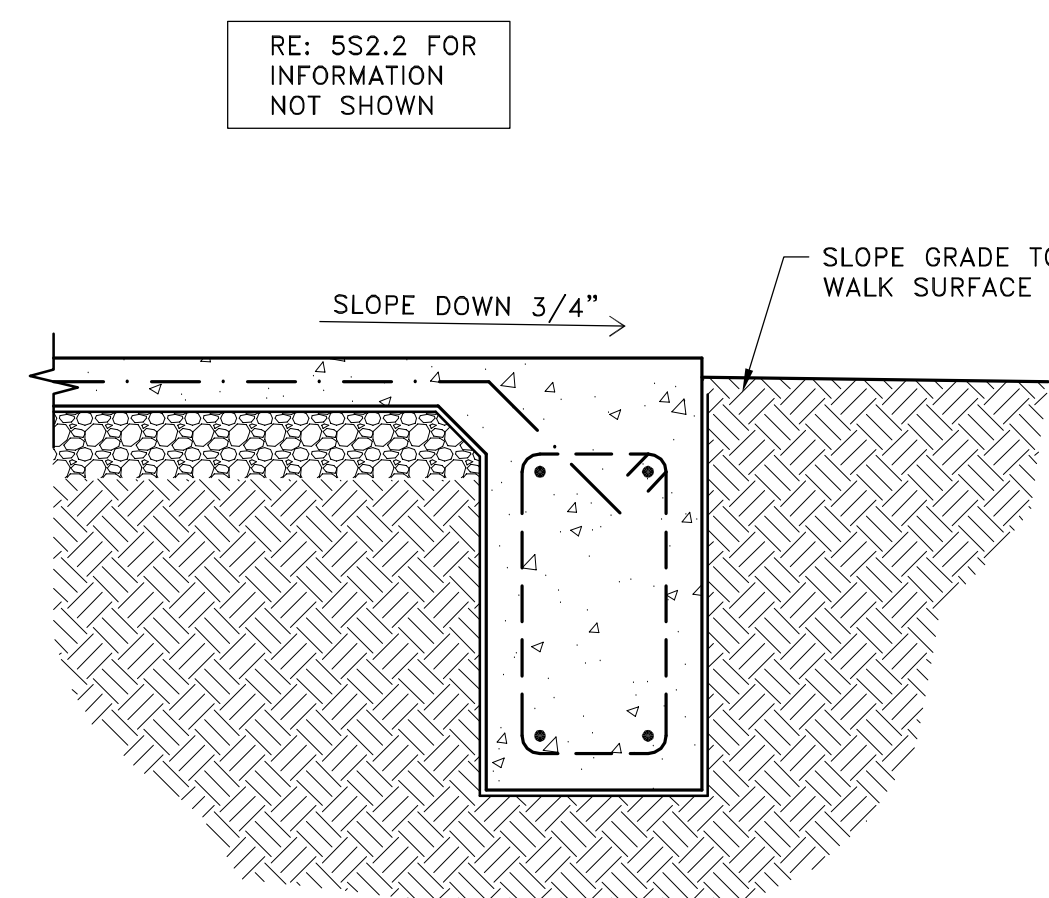
**7 GRADE BEAM - COLUMN FOOTING**  
3/4" = 1'-0"



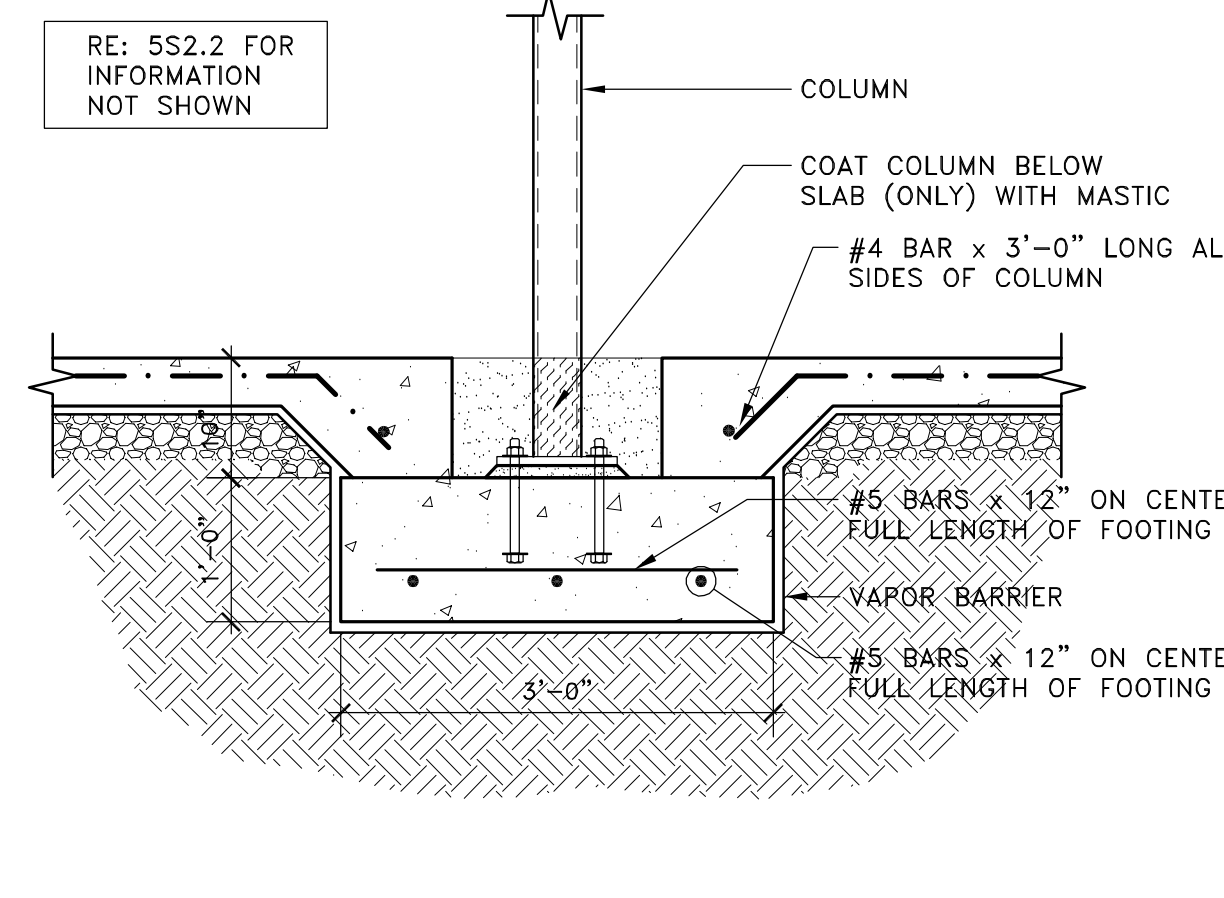
**8 EXPANSION JOINT**  
3/4" = 1'-0"



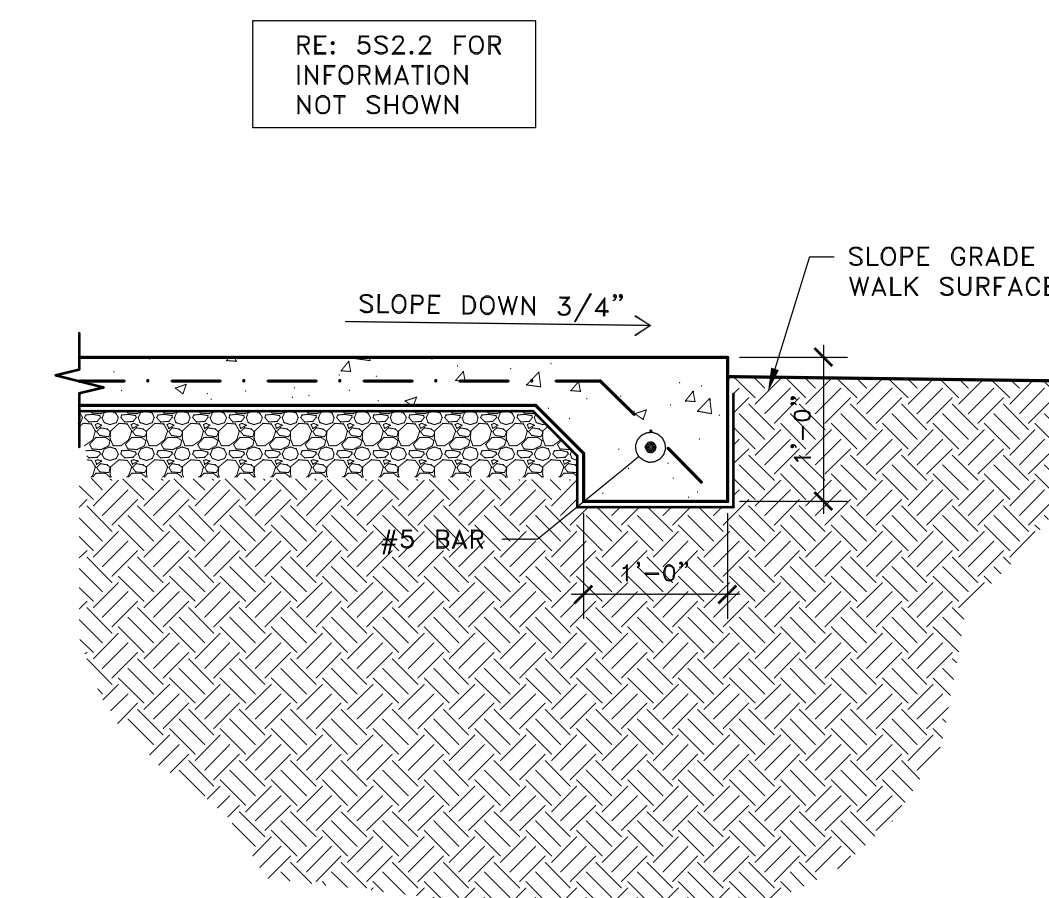
**9 INTERIOR STIFFNER**  
3/4" = 1'-0"



**10 EXTERIOR FOOTING AT PORCH**  
3/4" = 1'-0"

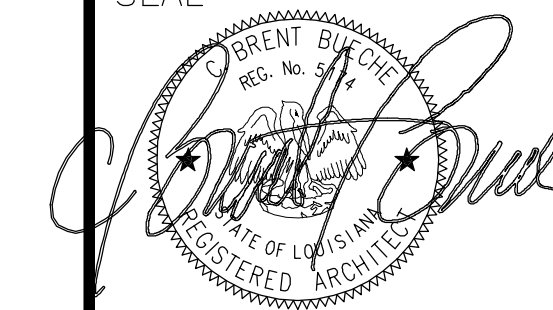


**11 INTERIOR COLUMN FOOTING**  
3/4" = 1'-0"



**12 EDGE OF LANDINGS**  
3/4" = 1'-0"

SEAL



BATON ROUGE POLICE DEPARTMENT  
TRAINING FACILITY  
999 WEST IRENE ROAD, ZACHARY, LA 70791

SHEET TITLE

FOUNDATION  
DETAILS

BBi Job No. A24-005

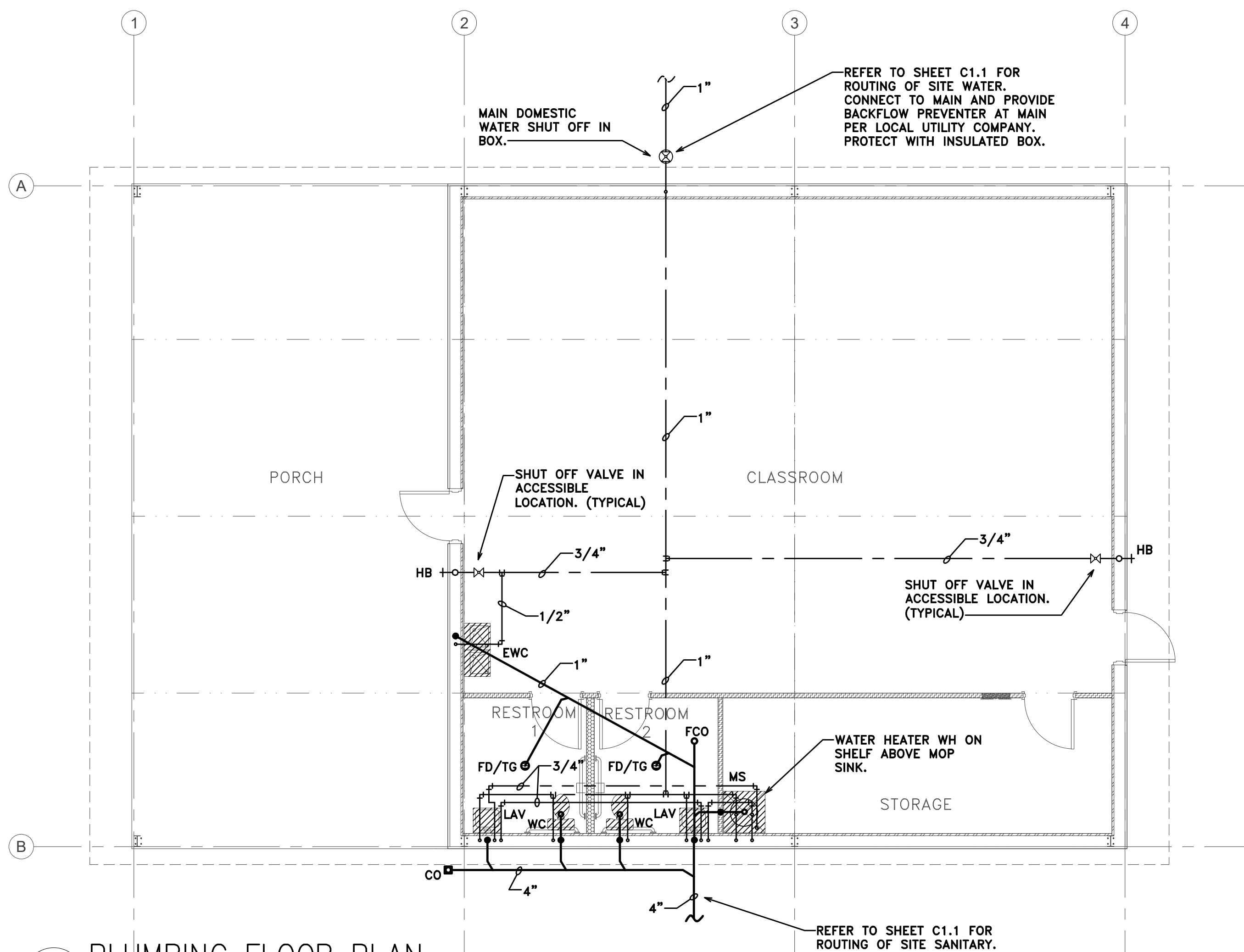
Date 10/1/2024

Drawn By se

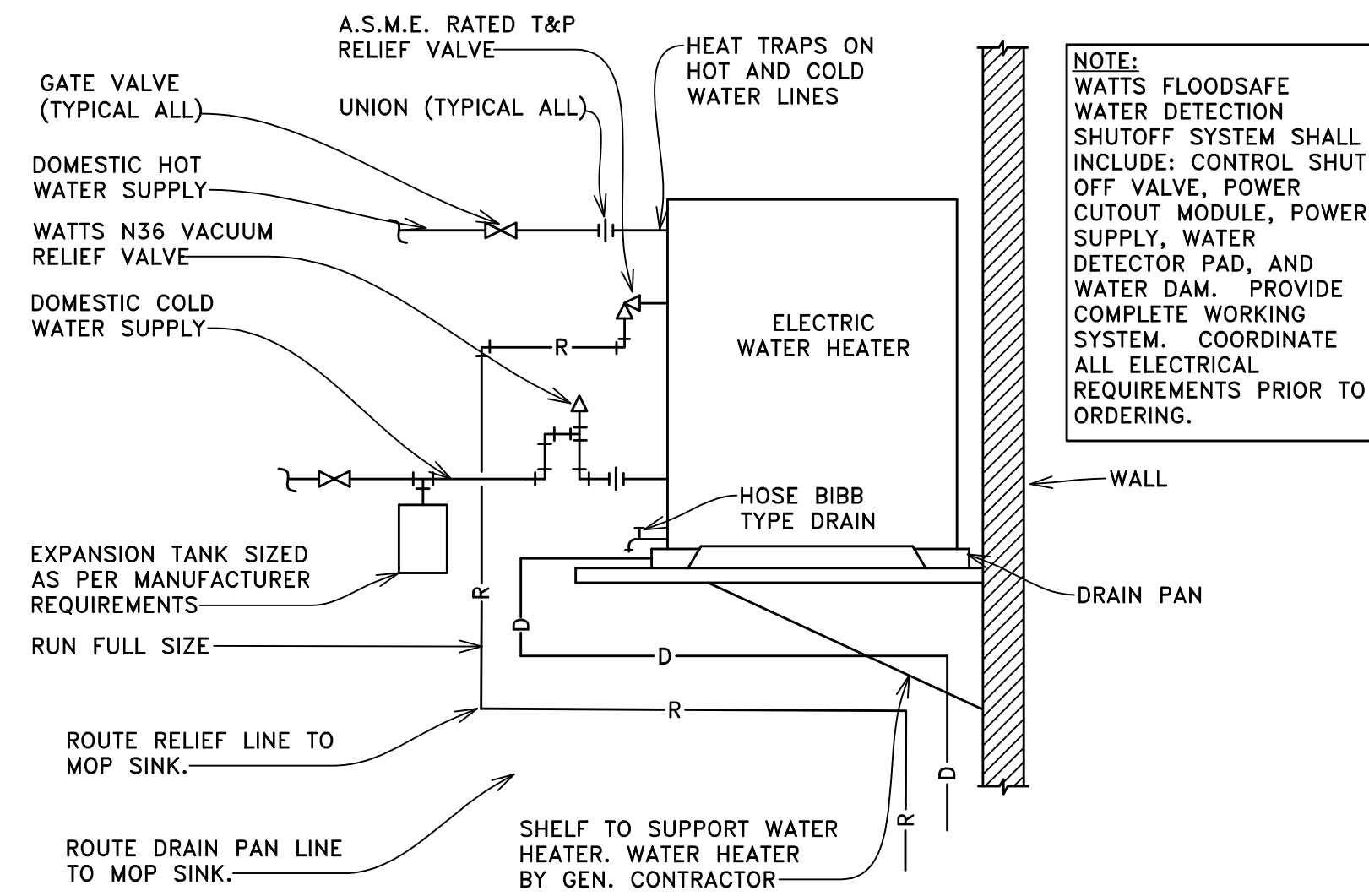
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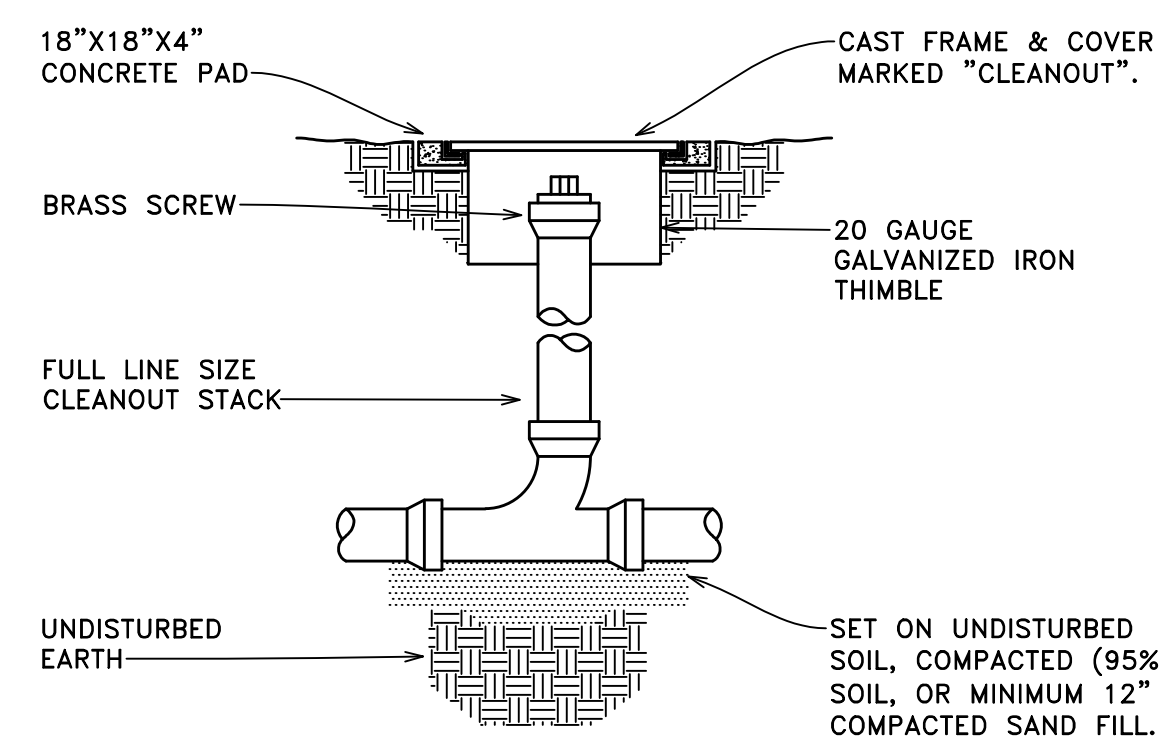
S 2.3



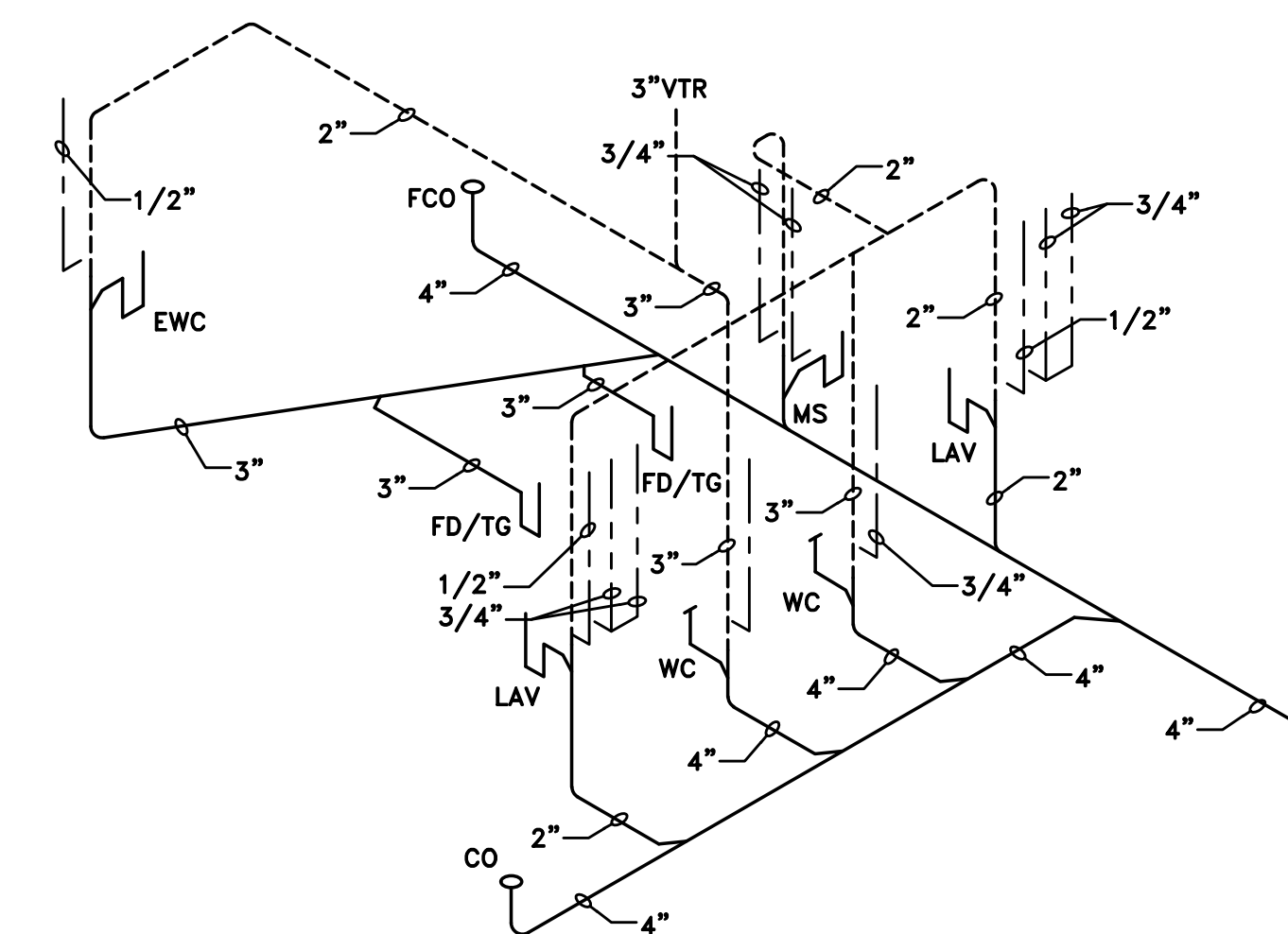
**1 PLUMBING FLOOR PLAN**  
 3/16" = 1'-0"  
 GRAPHIC SCALE: 3/16" = 1'-0"



**2 WATER HEATER DETAIL**  
 No Scale



**3 OUTSIDE CLEANOUT DETAIL**  
 No Scale



**4 PLUMBING RISER**  
 No Scale

**PLUMBING GENERAL NOTES:**

- THE FOLLOWING IS A BRIEF DESCRIPTION OF WORK SPECIFIC TO CERTAIN ASPECTS OF THIS PROJECT. THIS IS NOT INTENDED TO BE A COMPREHENSIVE SUMMARY OF WORK. PROSPECTIVE BIDDERS/CONTRACTORS SHALL REVIEW ALL CONSTRUCTION DRAWINGS, SPECIFICATIONS AND SITE CONDITIONS AND MAKE ALLOWANCES FOR ALL WORK INCLUDED HEREIN AND ANY ADDITIONAL WORK REQUIRED TO COMPLETE THIS PROJECT. MEANS AND METHODS FOR THE PROPER INSTALLATION OF THIS WORK IS STRICTLY THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND HIS SUB-CONTRACTORS.
- FURNISH AND INSTALL ALL EQUIPMENT/PLUMBING FIXTURES AS INDICATED BY THESE DRAWINGS. CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS AS REQUIRED. FOR EQUIPMENT FURNISHED BY OTHERS, CONTRACTOR SHALL VERIFY ALL UTILITY CONNECTIONS IN THE FIELD.
- CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS AND INVERTS OF ALL EXISTING SERVICES IN FIELD PRIOR TO MAKING ROUGH-INS. FAILURE TO DO SO MAY RESULT IN THE BREAKING OF SLAB AT CONTRACTOR'S EXPENSE.
- THE ROUTING OF ALL PIPING SHALL BE COORDINATED WITH ALL THE OTHER TRADES TO AVOID POSSIBLE CONFLICTS. OFFSET PIPING AS REQUIRED.
- ALL DOMESTIC WATER PIPING SHALL BE RUN ABOVE THE CEILING AND/OR CONCEALED IN WALLS UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL COORDINATE SPACE REQUIREMENTS AND SERVICE CLEARANCES FOR ALL EQUIPMENT PRIOR TO SUBMITTING SHOP DRAWINGS.
- CONTRACTOR SHALL CONSOLIDATE VENTS TO MINIMIZE PENETRATIONS THROUGH ROOF. LOCATE VENTS A MINIMUM OF 10 FEET FROM FRESH AIR OPENINGS. VENT PENETRATIONS SHALL BE COORDINATED WITH ARCHITECT PRIOR TO ROUGH-IN.
- AT EACH FIXTURE OR GROUP OF FIXTURES (WITHIN SAME CHASE), FURNISH AND INSTALL A 12" HIGH AIR CHAMBER OF SAME SIZE AS BRANCH FEED LINE. PROVIDE "SHOCK ARRESTOR" AT ALL FIXTURES WITH QUICK CLOSING VALVES SUCH AS FLUSH VALVES, ETC.
- PROVIDE CHROME PLATED BRASS ESCUTCHEONS WHERE PIPES PENETRATE FINISHED SURFACES.
- CONTRACTOR SHALL SEAL ALL PENETRATIONS THROUGH EXTERIOR WALLS WEATHER TIGHT. SEALANT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER.
- PROVIDE SLEEVES FOR ALL PIPES PASSING THROUGH WALL, FLOOR, BEAMS, FOOTINGS, ETC AS SPECIFIED. ALL METAL PIPING PASSING THROUGH CONCRETE SLAB SHALL BE WRAPPED AS SPECIFIED.
- NO WATER OR DRAIN LINES MAY BE RUN ABOVE ELECTRICAL PANELS OR COMMUNICATION PANELS. COORDINATE WITH ELECTRICAL PLANS AND OFFSET PIPING IN THE FIELD AS REQUIRED.
- ALL EXPOSED PIPING, PIPE HANGERS, SUPPORTS, ETC RUN THROUGH FINISHED SPACES AND AT EXTERIOR SHALL BE PRIMED AND PAINTED COLOR AS SELECTED BY ARCHITECT.
- CONTRACTOR SHALL PROVIDE VALVES, UNIONS, STOPS, CONNECTIONS AS REQUIRED TO ALL EQUIPMENT. PROVIDE VALVES ON INLET AND OUTLET SIDE OF ALL EQUIPMENT AND FIXTURES.
- FURNISH AND INSTALL ACCESS PANELS WHERE VALVES, EQUIPMENT, ETC MAY BE CONCEALED OR INACCESSIBLE. ACCESS PANEL SHALL BE PRIMED AND PAINTED COLOR AS SELECTED BY ARCHITECT. ACCESS PANELS IN RESTROOMS SHALL BE STAINLESS STEEL.
- REFER TO ARCHITECTURAL PLANS FOR REQUIRED MOUNTING HEIGHT OF ALL PLUMBING FIXTURES.
- SANITARY SEWER WASTE AND VENT LINES SHALL BE SOLID WALL SCHEDULE 40 PVC.
- BUILDING DOMESTIC WATER LINES SHALL BE TYPE L COPPER, INSULATED WITH 1" THICK FIBERGLASS OR RUBBERTEX INSULATION. SITE WATER PIPING SHALL BE SOLID WALL SCHEDULE 40 PVC. WATER LINES LOOPED BELOW SLAB MAY BE TYPE K COPPER.
- PIPE AND PIPE FITTINGS, INCLUDING VALVES AND FAUCETS, UTILIZED IN THE WATER SUPPLY SYSTEM SHALL MEET LA STATE PLUMBING CODE LEAD CONTENT REQUIREMENTS IN ACCORDANCE WITH LA LOW LEAD ACT.
- FIRE CAULK ALL PENETRATIONS THROUGH RATED ASSEMBLIES TO MEET UL LISTING.

NO.	FIXTURE	PIPE SIZE					A.D.A. COMPLIANT	REMARKS
		TRAP	WASTE	VENT	C.W.	H.W.		
WC	WATER CLOSET ADA	INT	4"	3"	3/4"	---	YES	GERBER G0020318 1.6 GPF VITREOUS CHINA TANK TYPE WATER CLOSET WITH ELONGATED BOWL, WHITE SOLID PLASTIC SEAT LESS COVER WITH OPEN FRONT AND CHECK HINGE AND BOLT CAPS. HANDLE ON WIDE SIDE OF FIXTURE.
LAV	LAVATORY ADA	1-1/4"	2"	2"	1/2"	1/2"	YES	AMERICAN STANDARD 0355.012 WALL MOUNT VITREOUS CHINA LAVATORY WITH WALL CARRIER, AMERICAN STANDARD 5500.170 TWO HANDLE WRIST BLADE ADA FAUCET, GRID DRAIN, PTRAP AND ANGLE SUPPLIES WITH STOPS. SET AT HEIGHT PER ARCHITECTURAL PLANS. INSTALL ASSE 1070 TEMPERATURE LIMITING DEVICE AT FIXTURE TO LIMIT HOT WATER TEMP.
EWC	WATER COOLER	1-1/2"	2"	2"	1/2"	1/2"	YES	ELKAY EZSTLBWSSK BILEVEL WATER COOLER WITH BOTTLE FILLING STATION, STAINLESS STEEL FINISH, 120-1-60 ELECTRICAL SERVICE.
MS	MOP SINK	2"	2"	2"	1/2"	1/2"	NO	FIAT MSB2424 MOLDED STONE SERVICE SINK WITH SERVICE SINK FAUCET, HOSE AND MOP HANGER, VINYL BUMPER GUARDS AND STAINLESS STEEL WALL GUARDS.
HB	HOSE BIBB	---	---	---	3/4"	---	---	WOODFORD B24 BOX TYPE HOSE BIBB WITH VACUUM BREAKER AND WHEEL HANDLE.
FD	FLOOR DRAIN	3"	3"	2"	---	---	---	SIoux CHIEF 832-36PF FLOOR DRAIN WITH 832-4HNR RING AND STRAINER. FURNISH WITH TRAP GUARD.
TG	TRAP GUARD	---	3"	---	---	---	---	PROSET, ZURN Z1072 TRAP GUARD. COORDINATE SIZE WITH DRAIN.
WH	WATER HEATER	---	---	---	3/4"	3/4"	---	RUUD EGSP20 20 GALLON ELECTRIC WATER HEATER, 4500 WATT, 240-1-60 ELECTRICAL SERVICE. FURNISH WITH SAFETY PAN, WATTS FLOODSAFE SHUT OFF KIT, 120-1-60 AND RECIRCULATING PUMP, 120-1-60.

- NOTES:**
- INSULATE ALL EXPOSED P-TRAPS AND ANGLE SUPPLIES ON HANDICAPPED LAVATORIES WITH TRUEBORG HANDI LAV-GUARD OR EQUAL.
  - PROVIDE AND INSTALL PISTON TYPE WATER HAMMER ARRESTORS AT ALL DOMESTIC WATER STUB-OUTS.
  - ALL HANDICAPPED PLUMBING FIXTURES SHALL BE SET TO "ADA" HEIGHT REQUIREMENTS. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT HEIGHTS.
  - CONTRACTOR TO OBTAIN A COPY OF ALL INSTALLATION INSTRUCTIONS AND ROUGH IN REQUIREMENTS FOR ALL EQUIPMENT FURNISHED BY OTHERS. INSTALL PER MANUFACTURERS INSTALLATION INSTRUCTIONS.
  - INSTALL HEAT TRAPS AT WATER HEATER PER IECC 2021.
  - HOT WATER TO LAVATORIES SHALL NOT CONNECT MORE THAN 2FT FROM CIRCULATING PORTION OF HOT WATER LINE PER IECC 2021. WHERE INSTANTANEOUS WATER HEATERS ARE NOT USED, THIS SHALL REQUIRE MAIN HOT WATER LINE TO ROUTE IN WALL ADJACENT TO FIXTURE SUCH THAT LOOP IS PASSING WITHIN 2FT OF CONNECTION TO LAVATORY.
  - ALL FIXTURE STOPS SHALL BE QUARTER TURN.

**NOTE:**  
 THE CONTRACTOR MAY SCALE THESE DRAWINGS. HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS, PLAN SCALE, AND SITE CONDITIONS BEFORE BIDDING AND DURING CONSTRUCTION.

**RITTER CONSULTING ENGINEERS**  
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 LAFAYETTE, LOUISIANA 70508  
 (337) 984-8498 FAX (337) 984-8576

RCE PROJECT NO. 240042

USE AND INTERPRETATION OF THIS DRAWING

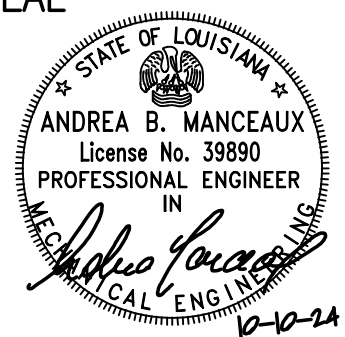
- GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, ARTICLE 1 AND DOCUMENT A321 ARE PART OF THE CONTRACT DOCUMENTS AND DESCRIBE USE AND INTENT OF THIS DRAWING. THE CONTRACT DOCUMENTS INCLUDE NOT ONLY THE DRAWINGS BUT ALSO THE OWNER-CONTRACTOR AGREEMENT, CONDITIONS OF THE CONTRACT, THE SPECIFICATIONS, ADDENDA, AND MODIFICATIONS ISSUED AFTER EXECUTION OF THE CONTRACT. THESE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ANYONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. WORK NOT COMPLETELY DETAILED HEREON SHALL BE CONSTRUCTED OF THE SAME MATERIALS AND DETAIL AS SHOWN SIMILARLY AS WORK SHOWN MORE COMPLETELY ELSEWHERE IN THE CONTRACT DOCUMENTS.
- BY USE OF THE DRAWINGS FOR CONSTRUCTION OF THE PROJECT, THE OWNER REPRESENTS THAT HE HAS REVIEWED AND APPROVED THE DRAWINGS AND THAT THE CONSTRUCTION DOCUMENTS PREPARED BY THE CONTRACTOR ARE COMPLETE. THE CONTRACTOR REPRESENTS THAT HE HAS VISITED THE SITE, FAMILIARIZED HIMSELF WITH THE LOCAL CONDITIONS, VISITED FIELD DIMENSIONS AND CORRELATED HIS OBSERVATIONS WITH REQUIREMENTS OF THE CONTRACT DOCUMENTS.
- THE CONTRACT SUM AND CONTRACT TIME MAY BE CHANGED ONLY BY CHANGE ORDER TO THE CONTRACTOR ISSUED BY THE OWNER AND THE ARCHITECT. ANY WORK PERFORMED IN VIOLATION WITH THE CONTRACT DOCUMENTS AND NOT COVERED BY THE ARCHITECT'S WRITTEN ORDER FOR A MINOR CHANGE IN THE WORK OR A CHANGE ORDER, WILL NOT BE ACCEPTED.
- AS INSTRUMENTS OF SERVICE, ALLOWANCES, SPECIFICATIONS AND COPIES THEREOF FURNISHED BY THE ARCHITECT ARE HIS PROPERTY. THEY ARE TO BE USED ONLY FOR THIS PROJECT AND ARE NOT TO BE USED ON ANY OTHER PROJECT. CHANGES TO THE DRAWINGS MAY ONLY BE MADE BY THE ARCHITECT. ANY SUBMISSION OR DISTRIBUTION WITHOUT THE EXPRESS WRITTEN CONSENT OF THE ARCHITECT MAY BE CONSIDERED AS DEROGATION OF THE ARCHITECT'S COPYRIGHT OR OTHER RESERVED RIGHTS.

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**REVISIONS:**

ADDENDUM No. 1  
 10/21/2024

**SEAL**



BATON ROUGE POLICE DEPARTMENT  
 TRAINING FACILITY  
 999 WEST IRENE ROAD, ZACHARY, LA 70791

**SHEET TITLE**

PLUMBING PLAN

BBi Job No. A24-005

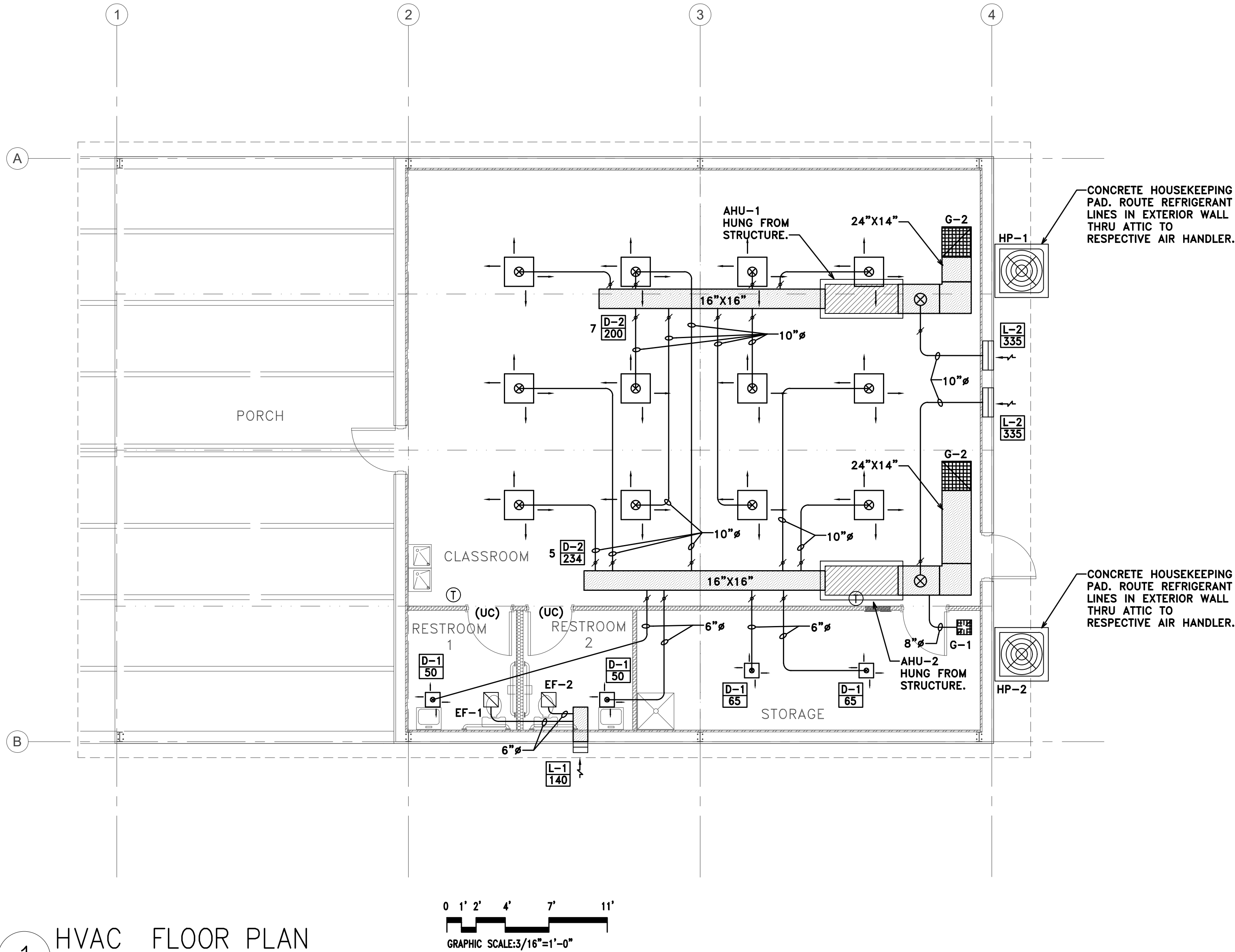
Date 10/11/2024

Drawn By ABM

Checked By ABM

**SHEET**

**M 1.1**



1 HVAC FLOOR PLAN  
3/16" = 1'-0"

**Global Plasma Solutions**  
10 Mall Terrace, Building C  
Savannah, GA 31406  
Phone: (912) 356-0115 Fax: (912) 356-0114  
Email: info@globalplasmasolutions.com Web: www.globalplasmasolutions.com  
VERSION: 1.8 survey ASHRAE 62.1-2015

Zone Tag	Facility Type	Zone Use	Zone Floor Area (square ft)	Zone Max Occupancy	Table 6.1 OA per Occupant	Table 6.1 chVSD Ra	F <sub>r</sub> * F <sub>p</sub>	A2** Ra	A2** Ra	Table 6.2 Ventilation Effectiveness E <sub>v</sub>	Outdoor Air to Zone (CFM) with (V <sub>min</sub> )E <sub>v</sub>
Classroom	Office Buildings	Classrooms (AGE 5+)	1,180.0	42.0	18.0	0.12	420	142	142	0.8	702

Zone Height (feet)	Supply Air (V <sub>min</sub> )	Return Air (V <sub>min</sub> )	Supply Air (V <sub>min</sub> )	Return Air (V <sub>min</sub> )	Supply Air (V <sub>min</sub> )	Return Air (V <sub>min</sub> )
12.0	10.0	10.0	10.0	10.0	10.0	10.0

Indoor Contaminant	Generated by People & From Outdoors	Maximum Threshold Value (PPM)	Steady State Using the V <sub>min</sub> (Predicted OA) Plasma Off	Steady State Using the V <sub>min</sub> (Predicted OA) Plasma On	Is Steady State Level Acceptable at Reduced OA Levels?	Contaminant Generation Rate (PPM)	Filtration Effectiveness	Compliance Authority
Acetone	Yes	0.0175	0.00040	0.00040	Yes	0.00040	50%	ASHRAE
Ammonia	Yes	0.0175	0.00040	0.00040	Yes	0.00040	50%	ASHRAE
Benzene	Yes	0.00250	0.00020	0.00020	Yes	0.00020	50%	ASHRAE
Carbon dioxide**	Yes	1018	1018	1018	Yes	1018	50%	ASHRAE
Carbon monoxide**	Yes	9.0	9.0	9.0	Yes	9.0	50%	ASHRAE
Chloroform	Yes	0.00050	0.00000	0.00000	Yes	0.00000	50%	ASHRAE
Diethylene Glycol	Yes	0.00050	0.00000	0.00000	Yes	0.00000	50%	ASHRAE
Methane	Yes	1.00000	1.00000	1.00000	Yes	1.00000	50%	ASHRAE
Methanol	Yes	0.00050	0.00000	0.00000	Yes	0.00000	50%	ASHRAE
Methylene Chloride	Yes	0.00050	0.00000	0.00000	Yes	0.00000	50%	ASHRAE
Phenol	Yes	0.00050	0.00000	0.00000	Yes	0.00000	50%	ASHRAE
Trichloroethylene	Yes	0.00050	0.00000	0.00000	Yes	0.00000	50%	ASHRAE
Toluene	Yes	0.00050	0.00000	0.00000	Yes	0.00000	50%	ASHRAE
1,1,1-Trichloroethane	Yes	0.00050	0.00000	0.00000	Yes	0.00000	50%	ASHRAE
Xylene	Yes	0.00050	0.00000	0.00000	Yes	0.00000	50%	ASHRAE

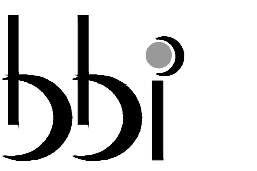
Building materials and furnishings assumed to have no VOCs and off-gassing is complete.

Global Plasma Solutions Indoor Air Quality Software  
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MC 2006 & later allows for ASHRAE 62.1 MAG through the engineering exception found in Section 403.2. Exhaust flow rates may differ from Table 6.2 based on ASHRAE 62.1 MAG - see Section 6.2.2.

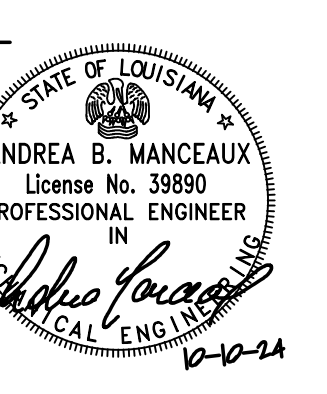
HVAC GENERAL NOTES:

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- HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE ROUTING OF ALL DUCTWORK WITH THE STRUCTURE AND OTHER TRADES AS CONDITIONS ALLOW. RE-ROUTE DUCTWORK AS NECESSARY TO AVOID CONFLICT. TRANSITION UP/DOWN TO AVOID OTHER TRADES AS NECESSARY.
  - INSTALL AT EACH DUCT TAKEOFF AN ADJUSTABLE VOLUME DAMPER IN AN ACCESSIBLE LOCATION.
  - PROVIDE METAL STRAP HANGERS FOR ALL DUCTWORK AT MINIMUM 8 FT. INTERVALS.
  - CONTRACTOR SHALL COORDINATE SPACE REQUIREMENTS AND SERVICE CLEARANCES FOR ALL EQUIPMENT PRIOR TO SUBMITTING SHOP DRAWINGS. NO EQUIPMENT SHALL BE BID ON (WHETHER OR NOT RECEIVING PRIOR APPROVAL) IF IT DOES NOT FIT IN SPACE PROVIDED.
  - HVAC CONTRACTOR SHALL PROCURE THE SERVICES OF AN INDEPENDENT AABC, TABB OR NEBB CERTIFIED TEST AND BALANCE AGENCY. TAB AGENCY SHALL PERFORM AN INITIAL SMOKE/PRESSURE LEAK TEST ON ALL DUCTWORK ONCE ALL SHEET METAL DUCTWORK HAS BEEN INSTALLED. A FINAL BALANCE REPORT OF ALL HVAC SYSTEMS SHALL BE PROVIDED TO ARCHITECT/ENGINEER UPON COMPLETION OF PROJECT. ALL REPORTS SHALL MEET AABC/NEBB STANDARDS. REFER TO SPECIFICATIONS FOR COMPLETE TEST AND BALANCE REQUIREMENTS.
  - WHERE DUCTS ARE CROSSING EACH OTHER, CONTRACTOR SHALL ASSUME AN UPWARD AND DOWNWARD TRANSITION AS REQUIRED BETWEEN STRUCTURAL MEMBERS AS REQUIRED FOR AVAILABLE CEILING SPACE. NO EXTRA WILL BE GIVEN FOR THESE TRANSITIONS.
  - CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL DEVICES (THERMOSTATS, SENSORS, ETC.) WITH THE ARCHITECT AND OWNER PRIOR TO INSTALLATION. MOUNT EACH THERMOSTAT AT A HEIGHT OF 48" AFF TO CENTER LINE OF CONTROLLER. THERMOSTATS SHALL BE PROGRAMMABLE AND SHALL HAVE TEMPERATURE AND HUMIDITY SETPOINT ADJUSTMENT. CONTROLS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL 24V AND 120V CONTROL POWER INCLUDING CONTROL PANELS. COORDINATE WITH ELECTRICAL CONTRACTOR FOR LOCATION OF NEAREST AVAILABLE CIRCUIT FROM WHICH TO TAP CONTROL POWER.
  - ALL EQUIPMENT, DAMPERS, ETC. LOCATED ABOVE CEILING SHALL BE INSTALLED AT A HEIGHT ACCESSIBLE FOR BALANCING AND/OR SERVICE.
  - COORDINATE THE EXACT PLACEMENT OF ALL CEILING MOUNTED DIFFUSERS AND GRILLES WITH THE CEILING, LIGHTS AND ANY OTHER CEILING MOUNTED EQUIPMENT.
  - TRANSITION SUPPLY AND RETURN DUCTWORK TO FANS AND AIR HANDLING UNITS WITH SMOOTH TRANSITIONS PER SMACNA STANDARDS AS NECESSARY. DUCTWORK CONNECTIONS TO EQUIPMENT SHALL BE MADE WITH FLEXIBLE CONNECTIONS.
  - COORDINATE FRESH AIR INLETS WITH EXHAUST OUTLETS AND PLUMBING VENTS TO MAINTAIN A 10'-0" MINIMUM SEPARATION.
  - ALL EXPOSED PIPING, DUCTS, HANGERS, SUPPORTS, ETC RUN THROUGH FINISHED SPACES OR EXPOSED AT EXTERIOR SHALL BE PRIMED AND PAINTED COLOR AS SELECTED BY ARCHITECT.
  - FURNISH AND INSTALL ACCESS PANELS WHERE VALVES, DAMPERS, EQUIPMENT, ETC ARE CONCEALED OR INACCESSIBLE. ACCESS PANELS SHALL BE PRIMED AND PAINTED COLOR AS SELECTED BY ARCHITECT.
  - PROVIDE ONE SET OF CLEAN FILTERS AT COMPLETION OF PROJECT PRIOR TO TURNING OVER TO OWNER. CONSTRUCTION FILTERS SHALL BE USED DURING DURATION OF PROJECT TO PROTECT DUCTWORK AND EQUIPMENT. DO NOT OPERATE EQUIPMENT UNLESS BUILDING HAS BEEN THOROUGHLY CLEANED.
  - ALL DUCTWORK DIMENSIONS ARE METAL TO METAL, UNLESS OTHERWISE NOTED.
  - COORDINATE ALL ROOF PENETRATIONS WITH ROOFING CONTRACTOR FOR A WATER TIGHT INSTALLATION.
  - ALL PENETRATIONS THROUGH RATED ASSEMBLIES SHALL BE FIRE CAULKED TO MAINTAIN UL LISTING. DUCTS PENETRATING RATED ASSEMBLIES SHALL BE FURNISHED WITH FIRE DAMPERS.



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REVISIONS:  
ADDENDUM No. 1  
10/21/2024



BATON ROUGE POLICE DEPARTMENT  
TRAINING FACILITY  
999 WEST IRENE ROAD, ZACHARY, LA 70791

SHEET TITLE

HVAC PLAN

BBI Job No. A24-005  
Date 10/11/2024

Drawn By ABM  
Checked By ABM

SHEET

M 2.1

NOTE: THE CONTRACTOR MAY SCALE THESE DRAWINGS. HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS, PLAN SCALE, AND SITE CONDITIONS BEFORE BIDDING AND DURING CONSTRUCTION.

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RCE PROJECT NO. 240042

USE AND INTERPRETATION OF THIS DRAWING

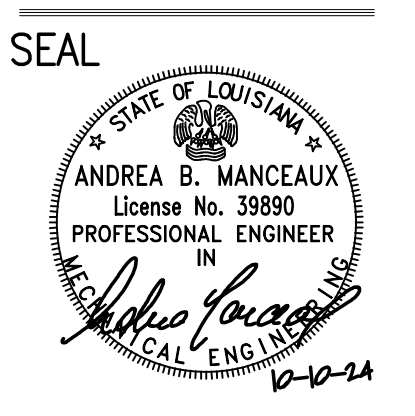
- GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, ARTICLE 1 AND DOCUMENT A331 ARE PART OF THE CONTRACT DOCUMENTS AND DESCRIBE USE AND INTENT OF THIS DRAWING. THE CONTRACT DOCUMENTS INCLUDE NOT ONLY THE DRAWINGS, BUT ALSO THE OWNER/CONTRACTOR AGREEMENT, CONDITIONS OF THE CONTRACT, THE SPECIFICATIONS, ADDENDA, AND MODIFICATIONS ISSUED AFTER EXECUTION OF THE CONTRACT. THESE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ANYONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. WORK NOT COMPLETELY DETAILED HEREON SHALL BE CONSTRUCTED OF THE SAME MATERIALS AND DETAIL AS SHOWN SIMILARLY AS WORK SHOWN MORE COMPLETELY ELSEWHERE IN THE CONTRACT DOCUMENTS.
- BY USE OF THE DRAWINGS FOR CONSTRUCTION OF THE PROJECT, THE OWNER REPRESENTS THAT HE HAS REVIEWED AND APPROVED THE DRAWINGS, AND THAT THE CONSTRUCTION DOCUMENTS OF THE PROJECT IS COMPLETE. THE CONTRACTOR REPRESENTS THAT HE HAS VISITED THE SITE, FAMILIARIZED HIMSELF WITH THE LOCAL CONDITIONS, VISITED FIELD DIMENSIONS AND CORRELATED HIS OBSERVATIONS WITH REQUIREMENTS OF THE CONTRACT DOCUMENTS.
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ADDENDUM No. 1  
10/21/2024



BATON ROUGE POLICE DEPARTMENT  
TRAINING FACILITY  
999 WEST IRENE ROAD, ZACHARY, LA 70791

SHEET TITLE

HVAC  
SCHEDULES &  
DETAILS

BBI Job No. A24-005  
Date 10/11/2024

Drawn By ABM  
Checked By ABM

SHEET

M 2.2

HEATPUMP SCHEDULE (SPLIT SYSTEM)

INDOOR SECTION										OUTDOOR SECTION										REMARKS		
FAN							COOLING			HEATING		AUXILIARY STRIP HEAT										
NO.	SERVICE	CFM	CFM OUTSIDE AIR	ESP	HP	ELECTRICAL SERVICE	NOMINAL TONS	MIN. BTUH OUTPUT	ENT. AIR TEMP. DB (°F) WB (°F)	AMB. TEMP (°F)	MIN BTUH OUTPUT @ 47 (°F)	MIN KW	MAX KW	ELECTRICAL	MARK	MIN. BTUH CLG. OUTPUT	MIN. BTUH HTG. OUTPUT	UNIT MCA	MFS		ELECTRIC SERVICE	
AHU-1	CLASSROOM	1600	200	0.55	3/4	208-1-60	4.0	48,000	77.5 65.2	95	34,560	10	15.0	240-1-60	HP-1	48,000	43,200	26.0	40.0	240-1-60	DAIKIN, TRANE, JCI, LENNOX SPLIT SYSTEM HEAT PUMP MIN 16SEER2/7.5HSPF	
AHU-2	CLASSROOM	1600	200	0.55	3/4	208-1-60	4.0	48,000	77.5 65.1	95	34,560	10	15.0	240-1-60	HP-2	48,000	43,200	26.0	40.0	240-1-60	DAIKIN, TRANE, JCI, LENNOX SPLIT SYSTEM HEAT PUMP MIN 16SEER2/7.5HSPF	

AIR HANDLER NOTES:

- FURNISH WITH PROGRAMMABLE WALL MOUNTED WIRED CONTROLLER/THERMOSTAT.
- CONTRACTOR SHALL FURNISH TWO SETS OF FILTERS FOR USE DURING CONSTRUCTION AND TWO SETS OF FILTERS TO OWNER AT SUBSTANTIAL COMPLETION AS SPECIFIED.
- ALL CONDENSATE DRAIN LINES FROM SPLIT SYSTEMS ROUTED TO MOP SINK, SEE PLUMBING.
- AIR HANDLERS WITH FRESH AIR TO DUCT TO GABLE LOUVER. INTERLOCK MOTORIZED DAMPER IN FRESH AIR DUCT WITH RESPECTIVE COMPRESSOR OPERATION.
- ALL AIR HANDLERS SHALL BE FURNISHED WITH DUCT SMOKE DETECTORS IN SUPPLY AND RETURN. INTERLOCK WITH FIRE ALARM. IF NO FIRE ALARM, PROVIDE AUDIBLE/VISUAL ALARM IN OCCUPIED SPACE.
- FURNISH AIR HANDLERS WITH GPS OR PLASMA AIR NEEDLEPOINT BIPOLAR IONIZATION (POWERED THROUGH AIR HANDLER) TO ACHIEVE FRESH AIR CFM CREDIT.

HEAT PUMP NOTES:

- ALL UNITS SHALL BE INSTALLED WITH RUBBER VIBRATION ISOLATION PADS UNDER UNIT.
- PROVIDE WITH LOW AMBIENT OPTION AND RAWAL VALVE.
- COORDINATE ELECTRICAL SERVICE WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING EQUIPMENT.
- THE MANUFACTURER SHALL SIZE THE REFRIGERANT LINES FOR THE LENGTH AND CONDITIONS OF THE PROJECT.
- INCLUDE ALL INTERLOCKS AND CONTROLS PER IECC 2021.
- SET ALL OUTDOOR UNITS ON REINFORCED CONCRETE HOUSEKEEPING PAD.

FAN SCHEDULE									
MARK	SERVICE	MIN. CFM	EXT. S.P.	MAX RPM	FAN HP	TYPE	DRIVE	ELECTRICAL SERVICE	REMARKS
EF-1	RR	70	0.125	800	1 / 6	CENT	DIRECT	120-1-60	GREENHECK SP, COOK OR EQUAL
EF-2	RR	70	0.125	800	1 / 6	CENT	DIRECT	120-1-60	GREENHECK SP, COOK OR EQUAL

NOTES:

- FURNISH ALL DIRECT DRIVE FANS WITH ECM MOTORS AND SPEED CONTROL (MOUNT AT FAN IN ACCESSIBLE LOCATION FOR BALANCING).
- EXHAUST FANS SHALL BE CONTROLLED BY OCCUPANCY SENSOR. IF LIGHTS ON OCCUPANCY SENSOR, SAME SENSOR MAY BE USED FOR BOTH.

GRILLE SCHEDULE						
SYMBOL	SIZE	SERVICE	LOCATION	CONSTRUCTION MATERIAL	FINISH	REMARKS
G-1	12"x12"	RETURN	CEILING	ALUMINUM	WHITE	TITUS 50F, PRICE, NAILOR OR EQUAL
G-2	24"x24"	RETURN	CEILING	ALUMINUM	WHITE	TITUS 50F, PRICE, NAILOR OR EQUAL
L-1	12"x12"	OUTSIDE AIR	EXT WALL	ALUMINUM	KYNAR	RUSKIN HZ700, GREENHECK EHV901 AMCA 540 / 500 LISTED (MIN 0.28SF FREE AREA)
L-2	24"x12"	OUTSIDE AIR	EXT WALL	ALUMINUM	KYNAR	RUSKIN HZ700, GREENHECK EHV901 AMCA 540 / 500 LISTED (MIN 0.61SF FREE AREA)

NOTES:

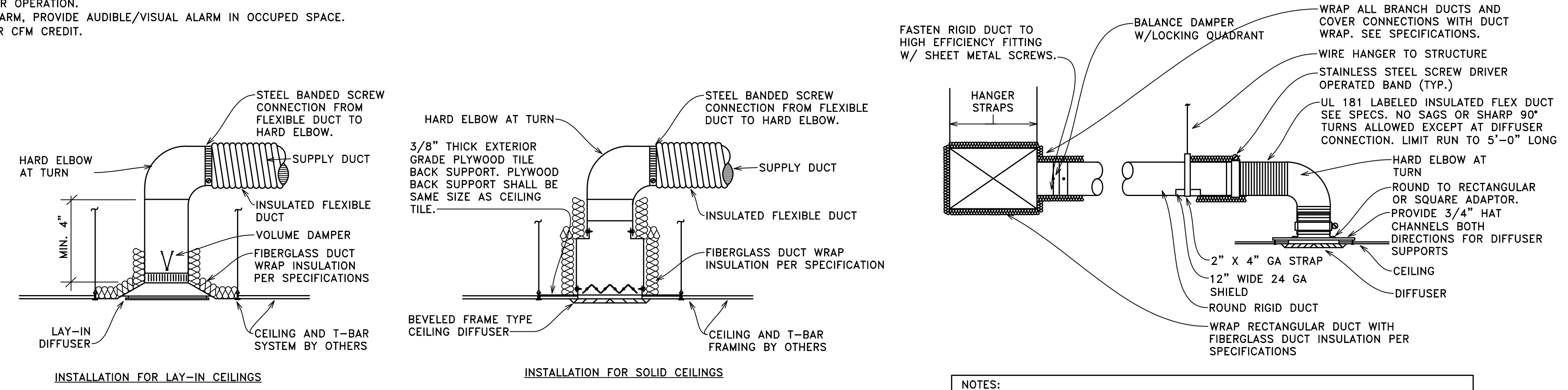
- ALL CEILING GRILLES SHALL BE FURNISHED WITH OPPOSED BLADE DAMPERS.
- TRANSITION DUCTWORK TO FULL FACE OF LOUVER/GRILLE.
- FRAME STYLE SHALL MATCH ADJACENT CONSTRUCTION.
- LOUVER FINISHES SHALL BE SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD AND CUSTOM COLORS.

CEILING DIFFUSER SCHEDULE					
MARK	DIFFUSER SIZE	DUCT SIZE	CONSTRUCTION MATERIAL	FINISH	REMARKS
D-1	12"x12"	6"ø	ALUMINUM	WHITE	TITUS TDC-AA WITH BEVELED FRAME, PRICE, NAILOR
D-2	24"x24"	10"ø	ALUMINUM	WHITE	TITUS TDC-AA, PRICE, NAILOR

NOTES:

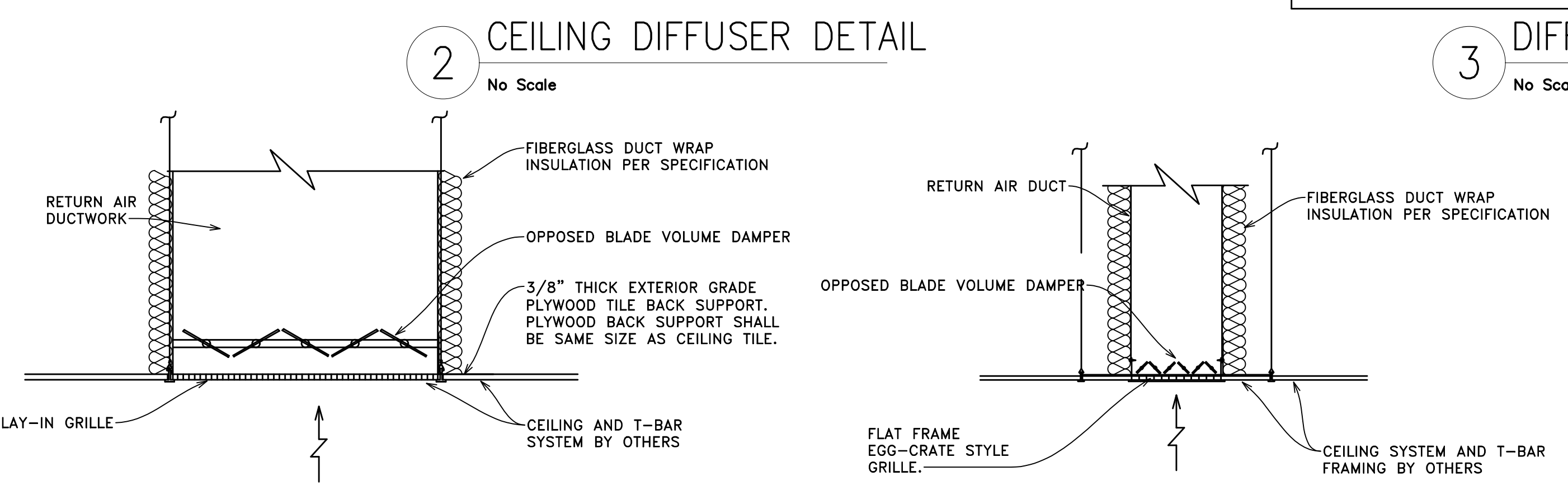
- FURNISH AND INSTALL ALL DIFFUSERS WITH OPPOSED BLADE DAMPERS.
- BACK SIDE OF DIFFUSER SHALL BE INSULATED SAME AS DUCTWORK.
- ALL DIFFUSERS ON PLANS SHALL BE FOUR WAY DIFFUSERS UNLESS OTHERWISE NOTED.

1 HVAC SCHEDULES  
No Scale



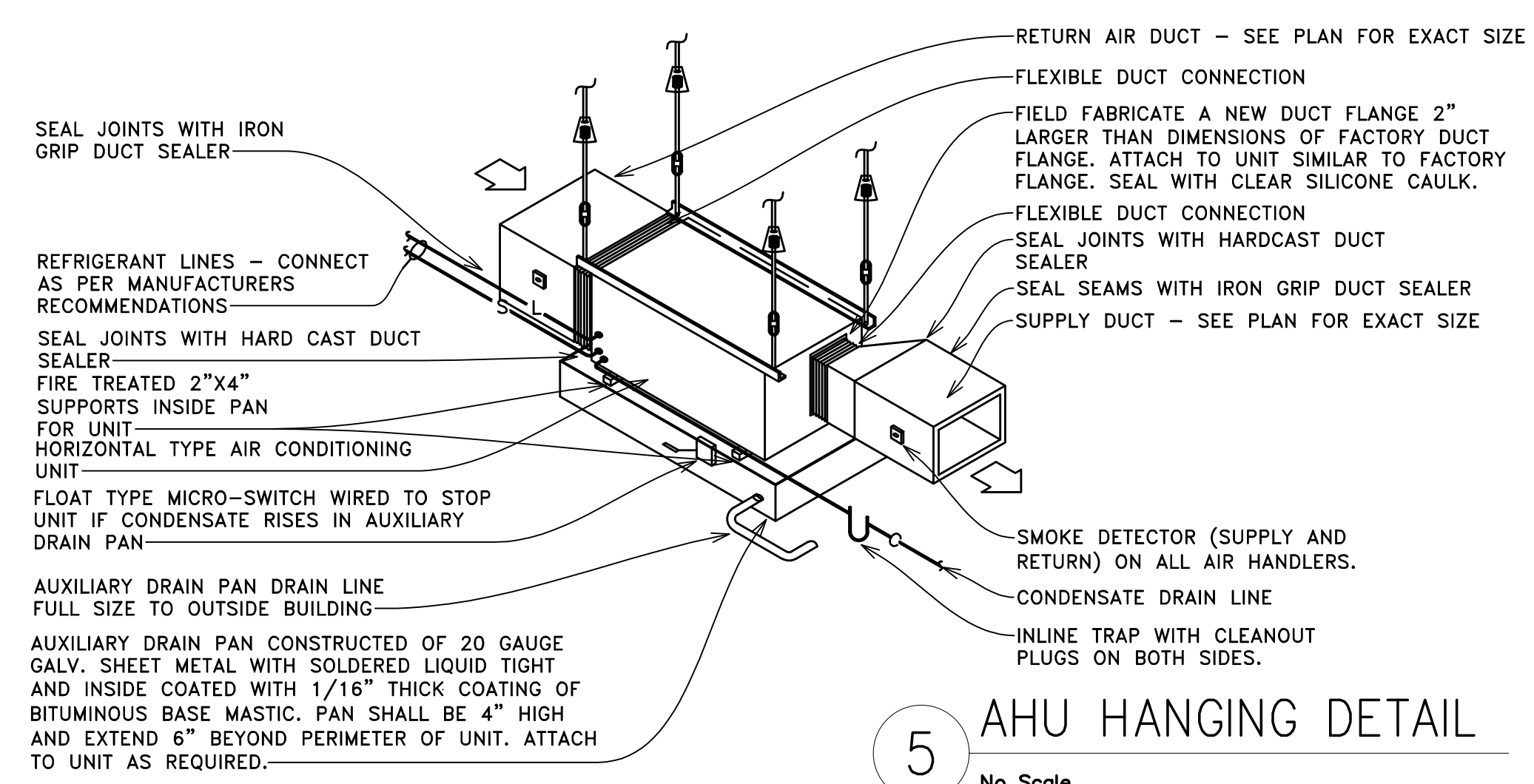
NOTE: ALL OUTLETS SHALL BE MOUNTED TIGHT TO THE CEILING AND SHALL BE FURNISHED WITH A SUITABLE FRAME FOR THE TYPE OF CEILING USED.

- NOTES:
- IN AREAS WHERE FIRE DAMPERS ARE REQUIRED, PROVIDE DEEP ROUND TO RECTANGULAR OR SQUARE ADAPTER AND BUILD GYPSUM BOARD ENCLOSURE.
  - NO POP RIVETS ALLOWED.
  - PROVIDE SUPPORT ON ALL BRANCH DUCT RUNOUTS. MINIMUM OF TWO SUPPORTS ON BRANCH DUCTS OVER 6'-0" IN LENGTH.
  - DO NOT LINE DUCTWORK.



NOTE: ALL CEILING GRILLES SHALL BE MOUNTED TIGHT TO THE CEILING AND BE FURNISHED WITH SUITABLE FRAMES FOR TYPE OF CEILING USED.

4 CEILING GRILLE DETAILS  
No Scale



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RCE PROJECT NO. 240042

USE AND INTERPRETATION OF THIS DRAWING

1. GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, ARTICLE 1 AND DOCUMENT 4371 ARE PART OF THE CONTRACT DOCUMENTS AND DESCRIBE USE AND INTENT OF THIS DRAWING. THE CONTRACT DOCUMENTS INCLUDE NOT ONLY THE DRAWINGS, BUT ALSO THE OWNER/CONTRACTOR AGREEMENT, CONDITIONS OF THE CONTRACT, THE SPECIFICATIONS, ADDENDA, AND MODIFICATIONS ISSUED AFTER CONDITIONS OF THE CONTRACT. THESE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ANYONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. WORK NOT COMPLETELY DETAILED HEREON SHALL BE CONSTRUCTED OF THE SAME MATERIALS AND DETAIL AS SHOWN SIMILARLY AS WORK SHOWN MORE COMPLETELY ELSEWHERE IN THE CONTRACT DOCUMENTS.

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REVISIONS:

**ADDENDUM No. 1**  
**10/ 21/ 2024**

SEAL



**BATON ROUGE POLICE DEPARTMENT**  
**TRAINING FACILITY**  
 999 WEST IRENE ROAD, ZACHARY, LA 70791

SHEET TITLE

HVAC AND PLUMBING  
SPECIFICATIONS

BBI Job No. A24-005

Date 10/11/2024

Drawn By ABM

Checked By ABM

SHEET

**M 3.2**

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- The General Contractor and Mechanical Contractor shall coordinate the space clearances required for ductwork with the structure, ceilings, lights, etc. In some cases, due to space limitations, it may be necessary to re-size ductwork to meet the conditions of the project. Any re-sizing required shall be part of this project and done without any additional cost to the project. **DO NOT MAKE DUCTWORK WITHOUT COORDINATION.**
  - All control wiring shall be furnished and installed by this contractor.
- D. SERVICE
- Installing Contractor (Mechanical Contractor or subcontractor under the Mechanical Contractors) shall maintain adequate automatic control personnel on his payroll to provide back-up project control service on the automatic control system provided under this contract.
- E. WARRANTY
- Contractor shall warranty all work performed under this contract to be free of any defects in workmanship or material for a period of one (1) year after final acceptance by the Owner's representative. The warranty and extended warranty shall include quarterly calibration and set-up checks of all controls. **THIS WARRANTY DOES NOT START ON DATE THAT THE MECHANICAL EQUIPMENT IS STARTED.**
- F. SYSTEM RESPONSIBILITY
- The entire control system shall be furnished by a single source manufacturer who shall be responsible for the entire system. The installation shall be by technicians employed by the controls system manufacturer.
- II. MATERIALS
- A. DUCT HANGERS AND SUPPORTS
- All ductwork shall be properly braced to prevent rattling, breathing, or other unnecessary noise. No sharp edges or obstructions shall project into air stream.
- B. LOW PRESSURE DUCTWORK
- All ductwork shall be galvanized steel and shall be of gauges and construction as recommended by ASHRAE Guide and Data Book and SMACNA guidelines. Gauges are as follows with longest side governing. Concealed ductwork shall be rectangular, exposed duct shall be single wall spiral (paint grip).
- | Dimension of longest side | Low Pressure Ductwork Sheet Metal Gauge |
|---------------------------|---|
| 0"-12"                    | 26 gauge                                |
| 13"-30"                   | 24 gauge                                |
| 31"-54"                   | 22 gauge                                |
| 55"-84"                   | 20 gauge                                |
- Joints and reinforcing shall be as per ASHRAE Guide and Data Book and all slips shall be installed without edge of internal part of slip flanging downstream.
  - Construction standard of Article 110, of the National Board of Fire Underwriters Bulletin 90, latest edition, shall apply throughout.
  - Flashings shall be of sheet copper and shall be furnished and installed around all outside openings used for ducts of fans and wherever required. Roof flashings shall extend at least 8 inches above roof.
  - All ducts shall be straight and true and installed in a neat and workmanlike manner.
  - All edges shall be straight and true and all bends shall be made with veined turns. Where long radius turns cannot be used, the contractor shall use square turns and use air splitters spaced not more than 3 inches center to center, and of a length so air will be properly distributed over ducts.
  - All ducts shown are metal to metal dimensions.
  - Mastic shall be applied to both male and female connections (all seams and joints) to make all duct joints air tight (applies to all ductwork; round or rectangular). Surplus mastic shall be removed. Tape and re-mastic joints if necessary. Mastic (hard-cast or equivalent duct sealer - tape not acceptable) shall be applied to the joints during assembly so that sealant is on all mating surfaces of the joint.
- C. DUCT ACCESSORIES
- Provide quadrant or adjustable splitters and mark shaft to give position of splitter damper in duct.
  - Provide vanes behind every supply grille or diffuser. Splitters shall be provided where shown on plans and where located in concealed non-accessible space provided Young Regulators to operate splitter. Vanes shall be Tuttle and Bailey "Ducturns", Barber-Coleman, Uniflo, or equivalent. Shop fabricated vanes will be acceptable. All dampers shall be constructed of 14 gauge steel.
  - Seismic Restraint Devices: Channel support system, Galvanized steel restraint cables, Hanger rod stiffener: steel tube or steel slotted support system sleeve with internally bolted connections to hanger rod.
- D. NOT USED
- E. PRE-INSULATED FLEXIBLE DUCT
- Flexible duct shall be rated for a maximum pressure of 16 inches (4-10 inches I.D.) or 10 inches (12-16 inches I.D.) water column positive pressure and 2 inches water column maximum negative pressure and 6000 FPM maximum velocity and listed by Underwriters Laboratories, Inc. under UL Standard 181 as a Class 1 air duct complying with NFPA Standards 90A and 90B. Flexible air duct shall be factory-made and composed of an inner duct of woven and coated fiber glass fabric providing an air seal and permanently bonded to coated steel wire helix, a fiber glass insulating blanket with minimum R-6.0 value (minimum 2 inch thickness) and low permeability outer vapor barrier of fiberglass reinforced metalized film laminate. Maximum installed length shall not exceed 5 feet-0 inches without approval.
- III. INSTALLATION
- A. DUCTS
- Ductwork shall be constructed and installed as follows:
    - Straight and smooth on inside with joints neatly finished unless otherwise directed.
    - Duct panels through 48 inch dimension having acoustic duct liner need not be crossbroken or beaded.
    - Crossbreak unlined ducts and duct panels larger than 48 inches or beaded 12 inches on center.
    - Securely anchor ducts to building structure with specified duct hangers attached with screws.
    - Brace and install ducts so they shall be free of vibration under all conditions of operation.
    - Ducts shall not bear on the top of structural member.
    - Make duct take-offs to branches, registers, grilles, and diffusers as detailed on Drawings.
    - Properly flash where ducts protrude above roof.
    - Install internal ends of slip joints in direction of flow. Make joints air tight using specified duct sealer.
  - Install flexible duct connections to each air handling unit.
  - Provide each take-off with an adjustable volume damper to balance that branch.
    - Anchor dampers securely to duct.
    - Install dampers in main ducts within insulation.
    - Dampers in branch ducts shall fit against sheet metal walls, bottom and top of duct, and be securely fastened.
    - Where concealed ceiling damper regulators are installed, provide a cover plate.
  - Install grilles, registers, and diffusers.
  - Duct Cleaning:
    - Clean new duct systems before testing, adjusting and balancing. Clean the following: air outlets and inlets, supply/return/exhaust fans, air handling units, coils and related components, supply/return air ducts, dampers, actuators and turning vanes.
- B. AIR TURNS
- Permanently installed, consisting of curved metal blades or vanes arranged to permit air to make abrupt turn without appreciable turbulence, in elbows of supply and above ground return ductwork.
  - Air turns shall be quiet and free from vibration when system is in operation.

- TEMPERATURE CONTROLS
- I. GENERAL
- A. GENERAL REQUIREMENTS
- All control systems shall be furnished complete and functioning.
  - Coordinate all control work with the mechanical and electrical contractors. Contact the Test and Balance Contractor and notify them as to when controls work shall be installed. Test and Balance controller shall verify controls systems installation and proper operations.
- B. DESCRIPTION OF WORK
- Provide a complete system of (hard-wired) automatic controls (wireless unacceptable) as indicated herein. Control system shall consist of all thermostats, sensors, actuators, operators, wiring, switches, relays and control panels necessary to accomplish the control sequence specified herein.
- C. RELATED WORK IN OTHER SECTIONS
- For extent of power wiring and connection to mechanical equipment under Electrical Work, refer to Electrical Divisions.
  - For control devices furnished with equipment, refer to equipment specifications and schedules. Any controls equipment not specifically called for elsewhere shall be provided by Controls Contractor. All control wiring shall be done by Controls Contractor.
  - All power for control devices such as actuators, operators, firestroke dampers, control dampers, etc. shall be furnished, installed and wired by the Controls Contractor. Controls Contractor may use 24 VAC or 120 VAC for the control system. The controls contractor shall be responsible for obtaining the necessary power and pay all costs associated with obtaining power to controls and controls equipment.
  - All interior control wiring shall be installed in galvanized EMT conduit. The last 6 inches at connection to equipment shall be flexible metal conduit. All control wiring on exterior of building shall be in Seal-Tite conduit and/or Liquid Tight flexible conduit.

- Where systems supplied to job site provides over 5 percent more air than schedule requirements, rooms supplied by that system shall have their supply air quantities increased by the ratio of the actual total air quantity supplied to the minimum air quantity required by the schedule.
- The TAB agency shall verify that all ductwork, splitters, extractors, dampers, grilles and diffusers have been installed per design, are functional and set full open. Any leakage in the ductwork shall be repaired prior to the test. The TAB agency shall perform the following TAB procedures in accordance with the AABC National Standards or NEBB Standards:
  - Exhaust/Fresh Air Fans
    - Fan Speeds-Test and adjust fan RPM to achieve design cfm requirements.
    - Current and Voltage-Test and record motor voltage and amperage, and compare data with the nameplate limits to ensure fan motor is not in or above the service factor.
    - Pitot-Tube Traverse-Perform pitot-tube traverse of the main exhaust ducts to obtain total CFM. If a pitot-tube traverse is not practical, an explanation of why a traverse was not made must appear on the appropriate data sheet.
    - Static Pressure-Test and record system static pressure, including the static pressure profile of each exhaust fan.
  - Zone, Branch, and Main Ducts
    - Adjust ducts to within design cfm requirements. As applicable, at least one zone balancing damper shall be completely open. Multi-diffuser branch ducts shall have at least one outlet or inlet volume damper completely open.
  - Diffusers and Grilles
    - Tolerances-Test, adjust, and balance each diffuser, grille, and register to within 10 percent of design requirements. Minimize drafts.
    - Identification-Identify the type, location, and size of each grille, diffuser and register. This information shall be recorded on air outlet data sheets.
  - Coils
    - Air Temperature-Once air flow are set to acceptable limits, take wet bulb and dry bulb air temperatures on the entering and leaving side of each cooling coil. Dry bulb temperature shall be taken on the entering and leaving side of each heating coil.
  - Split System Units (Indoor/Outdoor Sections):
    - Location, manufacturer, model number, serial number, and motor manufacturer. Required and test data with unit operating at full air flow conditions (all space thermostats calling for cooling) for each of following: total CFM, return and outside air CFM, total static pressure, suction and discharge static pressures across unit fan, HP, amperage, voltage, fan RPM, full load amps at outdoor conditions and refrigerant charge. Verify performance controls.
  - Control Systems:
    - Verify all control sequences and calibration of all thermostats and sensors.

- INSULATION
- I. GENERAL
- A. DESCRIPTION
- Pipe insulation installation shall not begin until all work has been tested and found to be tight. All insulation shall be UL listed and have a flame spread of less than 25 and a developed smoke rating less than 50, ASTM E 84. All insulation shall be banded with aluminum bands, three per section. All insulation shall be continuous through walls, floors, ceilings, etc. Field inspections by Contractor engaged agency.
- II. MATERIALS
- A. HORIZONTAL WASTE PIPING
- All waste lines and traps above first floor slab which receive condensate from air conditioning equipment, shall be insulated with 2 inch thick, 3/4 pound density fiberglass insulation with aluminum foil vapor barrier or closed cell rubber insulation.
- B. DOMESTIC WATER PIPING/CONDENSATE DRAIN PIPING
- Insulate condensate drain piping with 1/2 inch thick closed cell rubber type insulation.
  - Insulate all water lines (hot and cold) with 1" thick closed cell rubber type insulation. All water lines exposed to weather shall have additional smooth aluminum jacket and elbows.
- C. REFRIGERANT LINES
- Insulate all refrigerant suction lines with 1 inch thick closed cell rubber insulation. Apply two coats of black mastic where the lines are exposed to the weather. Refrigerant piping below grade shall be installed in watertight PVC sleeve.
- D. AIR CONDITIONING DUCTWORK
- All ducts shall be externally wrapped with R-6 duct wrap with FSK jacket. Secure per manufacturer's installation instructions.
- F. INSULATION BANDS
- All pipe insulation shall be banded with nylon tie-wrap bands, three to a section, and with one band on each side of each fitting, valve, etc.
- G. FLANGES, VALVES AND FITTINGS
- All flanges, valves and fittings shall be insulated with fabricated fiberglass molded fitting insulation, using factory fabricated fittings up to 3 inches and fabricated mitered segments of pipe insulation equal in thickness to the insulation to the adjoining pipe. All fabricated mitered segments shall be covered with matching embossed vapor barrier laminate.
- AIR CONDITIONING
- I. GENERAL
- A. DESCRIPTION
- The Air Conditioning System, in general, shall be for the entire building providing cooling and dehumidification in summer and heating in winter. A constant amount of fresh air shall be taken into the system and all air shall be filtered.
  - The General Contractor (Prime Contractor) who has the contracts with the Owner shall be responsible for installing the mechanical systems using qualified subcontractors and/or employees. Any incorrect or improper work shall be corrected by the General Contractor.
- B. STANDARDS
- All air conditioning equipment shall comply with the requirements of applicable ARI standards and shall be tested, rated, labeled, and listed accordingly.
- C. SPACE REQUIREMENTS
- Refer to architectural, structural, plumbing and electrical drawings and install all equipment, piping, etc. to meet building and space requirements. No equipment shall be bid on or submitted for approval if it will not fit into the space provided or coordinate with other trades involved on the project.
- D. COMPRESSOR WARRANTIES
- On all DX equipment, the manufacturer shall provide a minimum full 5 year material warranty for any and all compressor failures during the warranty period. Warranty period shall begin when the project is accepted by the Owner.
  - This warranty shall not include any equipment maintenance; all equipment maintenance is the responsibility of the Owner. The manufacturer shall have full access to the units during the construction period.

- II. MATERIALS
- A. PIPING
- All piping shall be of materials as hereinbefore specified.
- III. EXECUTION
- A. INSTALLATION
- Complete structural, mechanical, and electrical connections in accordance with manufacturer's installation instructions.

- AIR DISTRIBUTION
- I. GENERAL
- A. GENERAL
- Furnish and install all ducts for Air Conditioning, Heating, and Ventilating Systems as shown on the plans and as may be required to provide complete system. Ductwork shall be complete with grilles, vanes, flashings, hangers, flexible connections, splitters, manual dampers, fresh air inlets, louvers, reinforcing angles, etc. All ductwork shall be concealed and insulated as hereinbefore specified.
  - Sleeve Seals for HVAC. Field assembled modular sealing element unit for filling annular space between piping and sleeve. Sealing elements: EPDM rubber. Connecting bolts and nuts. Carbon steel with corrosion resistant coating. Sleeve seal fittings: Manufactured plastic, sleeve type, plastic or rubber waterstop assembly made for imbedding in concrete slab or wall. GROUT: Non shrink factory packaged. Sleeves shall be galvanized steel.
- B. COORDINATION

1 SPECIFICATIONS  
NO SCALE

	2014 W. PINHOOK RD SUITE 200 LAFAYETTE, LOUISIANA 70508 (337) 984-8498 FAX (337) 984-8576
	RCE PROJECT NO. 24042
USE AND INTERPRETATION OF THIS DRAWING	
1. GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, ARTICLE 1 AND DOCUMENT A331 ARE PART OF THE CONTRACT DOCUMENTS AND DESCRIBE USE AND INTENT OF THIS DRAWING. THE CONTRACT DOCUMENTS INCLUDE NOT ONLY THE DRAWINGS, BUT ALSO THE OWNER-CONTRACTOR AGREEMENT, CONDITIONS OF THE CONTRACT, THE SPECIFICATIONS, ADDENDUM, AND MODIFICATIONS ISSUED AFTER EXECUTION OF THE CONTRACT. THESE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ANYONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. WORK NOT COMPLETELY DETAILED HEREON SHALL BE CONSTRUCTED OF THE SAME MATERIALS AND DETAIL AS SHOWN SIMILARLY AS WORK SHOWN MORE COMPLETELY ELSEWHERE IN THE CONTRACT DOCUMENTS.	
2. BY USE OF THE DRAWINGS FOR CONSTRUCTION OF THE PROJECT, THE OWNER REPRESENTS THAT HE HAS REVIEWED AND APPROVED THE DRAWINGS AND THAT THE CONSTRUCTION DOCUMENTS HEREOF ARE COMPLETE. THE CONTRACTOR REPRESENTS THAT HE HAS VISITED THE SITE, FAMILIARIZED HIMSELF WITH THE LOCAL CONDITIONS, VISITED FIELD OPERATIONS AND CORRELATED HIS OBSERVATIONS WITH REQUIREMENTS OF THE CONTRACT DOCUMENTS.	
3. THE CONTRACT SUM AND CONTRACT TIME MAY BE CHANGED ONLY BY CHANGE ORDER TO THE CONTRACTOR ISSUED BY THE OWNER AND THE ARCHITECT. ANY WORK PERFORMED IN VIOLATION WITH THE CONTRACT DOCUMENTS AND NOT COVERED BY THE ARCHITECT'S WRITTEN ORDER FOR A MINOR CHANGE IN THE WORK OR A CHANGE ORDER, WILL NOT BE ACCEPTED.	
4. AS INSTRUMENTS OF SERVICE, ALLOWANCES, SPECIFICATIONS AND COPIES THEREOF FURNISHED BY THE ARCHITECT ARE HIS PROPERTY. THEY ARE TO BE USED ONLY FOR THIS PROJECT AND ARE NOT TO BE USED ON ANY OTHER PROJECT. CHANGES TO THE DRAWINGS MAY ONLY BE MADE BY THE ARCHITECT. ANY SUBMISSION OR DISTRIBUTION WITHOUT THE EXPRESS WRITTEN CONSENT OF THE ARCHITECT MAY BE CONSIDERED AS DEROGATION OF THE ARCHITECT'S COPYRIGHT OR OTHER RESERVED RIGHTS.	
REUSE OF THIS DRAWING IN ANY MANNER IS STRICTLY PROHIBITED WITHOUT THE WRITTEN APPROVAL OF RITTER CONSULTING ENGINEERS, LTD.	

ABBREVIATIONS	
⊙	AT
⊙/C	AIR CONDITIONING
AFCI	ARCH FAULT CIRCUIT INTERRUPTER
AMP	AMPS/AMPERAGE
ABV CLG	ABOVE CEILING
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFC	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
ARCH	ARCHITECT(URAL)
BD	BOARD
BKBD	BACKBOARD
BLDG	BUILDING
C	CONDUIT
CKT	CIRCUIT
CL	CURRENT LIMITING
CLG	CEILING
COND	CONDUCTOR
CB	CIRCUIT BREAKER
CTV	CURRENT TRANSFORMER
CTV	CABLE TELEVISION
CU	COPPER
CWP	COLD WATER PIPE
DB	DIRECT BURIAL
DN	DOWN
DIST	DISTRIBUTION
DPDT	DOUBLE POLE - DOUBLE THROW
DPST	DOUBLE POLE - SINGLE THROW
(E)	EXISTING
EA	EACH
EC	EMPTY CONDUIT
EGC	EQUIPMENT GROUNDING CONDUCTOR
EM	EMERGENCY
EMS	ENERGY MANAGEMENT SYSTEM
EMT	ELECTRICAL METAL TUBING
EPA	EFFECTIVE PROJECTION AREA
EWC	ELECTRIC WATER COOLER
EXT	EXTERIOR
F	FUSE, FUSIBLE
FL	FLOOR
FLA	FULL LOAD AMPERES
FMC	FLEXIBLE METAL CONDUIT
FTL	FEED-THROUGH LUGS
G	GROUNDING ELECTRODE CONDUCTOR, EQUIPMENT GROUNDING CONDUCTOR
GF, GFI, GFCI	GROUND FAULT CURRENT INTERRUPTER
GFP	GROUND FAULT PROTECTION
HP	HORSEPOWER
HVAC	HEATING/VENTILATION/AIR CONDITIONING
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
J-BOX, JB	JUNCTION BOX
KCMIL, KCM	KILO CIRCULAR MILS
KVA	KILOVOLTAMPERES
KW	KILOWATT
LCP	LIGHTING CONTROL PANEL
LFMC	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
LGT, LTG	LIGHTING
MAN	MANUFACTURER
MCB	MAIN CIRCUIT BREAKER
MECH	MECHANICAL
MEZZ	MEZZANINE
MLO	MAIN LUGS ONLY
MTD	MOUNTED
MTG HT	MOUNTING HEIGHT
N	NEUTRAL
N-1	NEMA-1
N-3R	NEMA-3R
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRIC CODE
NF	NON-FUSED
NO	NORMALLY OPEN
NTS	NOT TO SCALE
P	POLE
PF	POWER FACTOR
PH OR ∅	PHASE
PNL	PANEL
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE
R	RACEWAY
RGS	RIGID GALVANIZED STEEL
RTG	RATING
SCH	SCHEDULE
SFB	SUB-FEED BREAKER
SN	SOLID NEUTRAL
SPD	SURGE PROTECTIVE DEVICE
SPDT	SINGLE POLE - DOUBLE THROW
SPST	SINGLE POLE - SINGLE THROW
SS	SPECIAL SYSTEMS
SW	SWITCH
SWBD	SWITCHBOARD
TEL	TELEPHONE
TV	TELEVISION
TYP	TYPICAL
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
V	VOLTAGE/VOLTS
VA	VOLT-AMPERE
W	WIRE
W/	WITH
WP	WEATHER-PROTECTED
XFMR	TRANSFORMER

ELECTRICAL SYMBOL SCHEDULE	
SYMBOL	DESCRIPTION
	LUMINAIRE - SURFACE MOUNTED OR SUSPENDED
	LUMINAIRE - RECESSED IN CEILING
	LUMINAIRE - WALL OR BRACKET
	LUMINAIRE - RECESSED IN CEILING, SURFACE MOUNTED, OR SUSPENDED
	LUMINAIRE - EMERGENCY
	EXIT LIGHT CEILING MTD. ARROWS AS NOTED. SHADING DENOTES SIDE WITH FACE.
	EXIT LIGHT WALL MTD. ARROWS AS NOTED. SHADING DENOTES SIDE WITH FACE.
	EMERGENCY BATTERY LIGHTING UNIT WITH TWIN HEADS.
	EMERGENCY BATTERY LIGHTING UNIT WITH TWIN HEADS AND EXIT SIGN.
	"X" DENOTES LUMINAIRE TYPE PER SCHEDULE; "a" DENOTES SWITCH CONTROL (TYP. FOR ALL LUMINAIRES). NUMBER INDICATES BRANCH CIRCUIT. PROVIDE WIRING AS NECESSARY.
	SWITCH WITH OCCUPANCY SENSOR, WALL MOUNT AT 48" UNLESS NOTED.
	TOGGLE SWITCH WITH 0-10V DIMMING CAPABILITY AT 48" UNLESS NOTED.
	DIMMER SWITCH AT 48" UNLESS NOTED. DIMMER SHALL BE COMPATIBLE WITH FIXTURE(S) CONTROLLED.
	TOGGLE SWITCH, DOUBLE POLE - SINGLE THROW.
	TOGGLE SWITCH, THREE-WAY AT 48" UNLESS NOTED.
	TOGGLE SWITCH, FOUR-WAY AT 48" UNLESS NOTED.
	MOTOR RATED TOGGLE SWITCH WITH THERMAL OVERLOAD ELEMENT
	TOGGLE SWITCH, KEY OPERATOR AT 48" UNLESS NOTED.
	TOGGLE SWITCH WITH DIGITAL TIMER AT 48" UNLESS NOTED.
	TOGGLE SWITCH AT 48" UNLESS NOTED, SUBSCRIPT INDICATES DEVICE CONTROLLED.
	OCCUPANCY SENSOR, CEILING MOUNT
	PHOTOELECTRIC CONTROL
	DUPLEX RECEPTACLE (20A, 125V, 3W, GROUNDING TYPE) AT 18" UNLESS NOTED. NUMBER INDICATES BRANCH CIRCUIT. PROVIDE WIRING AS NECESSARY.
	SAME AS  BUT WITH INTEGRAL GROUND FAULT CIRCUIT INTERRUPTER
	SAME AS  BUT WEATHER PROTECTED WHILE-IN-USE.
	SAME AS  BUT CONCEALED BEHIND ELECTRIC WATER COOLER
	QUADRUPEX RECEPTACLE AT 18" UNLESS NOTED. -(2 DUPLEX RECEPT. WITH SINGLE COVER PLATE)
	SPECIALTY RECEPTACLE AT 18" UNLESS NOTED, REFER TO NOTE FOR NEMA DESIGNATION.
	DUPLEX RECEPTACLE FOR TV - REFER TO ELEVATIONS FOR MOUNTING HEIGHT
	PULL BOX
	CONTACTOR
	JUNCTION BOX
	LIGHTING JUNCTION BOX. CONTRACTOR SHALL PROVIDE WIRING AND MAKE CONNECTIONS NECESSARY TO CONNECT EACH FIXTURE IN ROOM AREA.
	DATA OUTLET AT 18" UNLESS NOTED - PROVIDE RECESSED OUTLET BOX W/ 3/4"R STUBBED UP ABOVE ACCESSIBLE CLG.
	DATA OUTLET AT 18" UNLESS NOTED - PROVIDE RECESSED OUTLET BOX WITH QUAD RING AND 1"R STUBBED UP ABOVE ACCESSIBLE CLG.
	AV OUTLET AT MOUNTING HEIGHT PER ELEVATIONS - PROVIDE RECESSED OUTLET BOX WITH QUAD RING AND 1"R STUBBED UP ABOVE ACCESSIBLE CLG.
	ACCESS CONTROL - PROVIDE RECESSED OUTLET BOX W/ 3/4"R STUBBED UP ABOVE ACCESSIBLE CLG.
	DOOR CONTACT - PROVIDE RECESSED OUTLET BOX W/ 3/4"R STUBBED UP ABOVE ACCESSIBLE CLG.
	CAMERA - PROVIDE RECESSED OUTLET BOX W/ 1"R STUBBED UP ABOVE ACCESSIBLE CLG.
	PANELBOARD/DISTRIBUTION BOARD SURFACE MOUNTED OR RECESSED IN WALL
	TRANSFORMER
	POWER METER
	CURRENT TRANSFORMER
	DISCONNECT OR SAFETY SWITCH
	6-BUTTON LIGHTING CONTROL STATION AT 48" UNLESS NOTED.
	MOTOR
	NUMBER OF TICK MARKS INDICATES NUMBER OF CURRENT CARRYING CONDUCTORS (NOT INCLUDING EGC)
	RACEWAY TURN DOWN
	RACEWAY TURN UP
	RACEWAY-HOMERUN CIRCUIT "2" TO PANEL "HB1" (ARROWS DENOTE CIRCUITS)
	RACEWAY ROUTED CONCEALED OVERHEAD OR IN WALLS
	RACEWAY ROUTED EXPOSED
	RACEWAY ROUTED IN OR UNDER FLOOR SLAB OR UNDERGROUND
	CIRCUIT CONTINUATION.
	CALL OUT TAG (NUMBER OF PLAN REFERENCED ON TOP AND NUMBER OF SHEET REFERENCED ON BOTTOM)
	ELEVATION CALL OUT TAG (NUMBER OF PLAN REFERENCED ON LEFT AND NUMBER OF SHEET REFERENCED ON RIGHT)
	REVISION NUMBER
	DENOTES 30A SAFETY SWITCH/15A FUSE(S)/3 POLES,4 WIRE/250V RATED/NEMA-3R RATED ENCLOSURE.
	NEAR ANY ELECTRICAL DEVICE DENOTES ABOVE COUNTER TOP.
	NEAR ANY ELECTRICAL DEVICE DENOTES BELOW COUNTER TOP.
	NEAR ANY ELECTRICAL DEVICE DENOTES WEATHER-PROTECTED.
	NEAR ANY ELECTRICAL DEVICE DENOTES CEILING MOUNTED.
	NEAR ANY ELECTRICAL DEVICE DENOTES WALL MOUNTING HEIGHT. MOUNTING HEIGHT IS TO BE CENTERLINE OF DEVICE ABOVE FINISH FLOOR OR GRADE.

SHEET INDEX		
SHEET NO.	SHEET TITLE	ISSUE
E0.0	SCHEDULES AND ABBREVIATIONS	● ●
E0.1	RISER AND SCHEDULES	● ●
E0.2	GENERAL ELECTRICAL NOTES	●
E1.0	ELECTRICAL SITE	●
E2.0	CLASSROOM LIGHTING	●
E3.0	CLASSROOM POWER & SS	● ●
E3.1	SIMULATOR ELECTRICAL	●



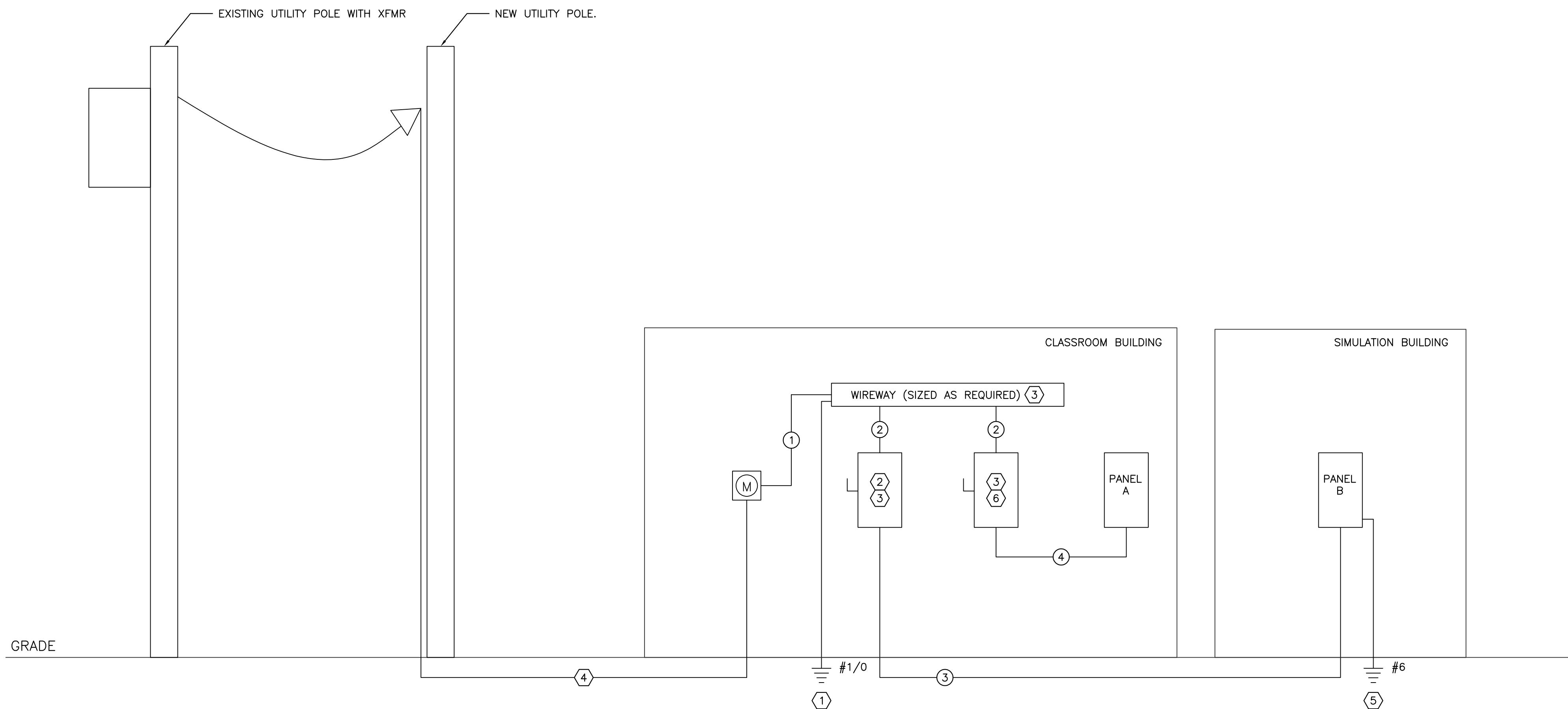
## LUMINAIRE SCHEDULE (FINISH COLORS TO BE DETERMINED BY ARCHITECT)

LABEL	MANUFACTURER	CATALOG NUMBER	MOUNTING	NOMINAL LUMEN OUTPUT	NOMINAL CCT	CRI	INPUT VOLTS / WATTS	DESCRIPTION
F1A	METALUX	22GR-LD5-32-F1-UNV-L835-CD1 / DF-22W-U	RECESSED	>=3100	3500K	>=80	120V/ <=25W	2' X 2', LENSED, LED TROFFER WITH DRYWALL FRAME KIT.
F1B	METALUX	22GR-LD5-40-F1-UNV-L835-CD1	RECESSED	>=4100	3500K	>=80	120V/ <=33W	2' X 2', LENSED, LED TROFFER WITH 0-10V DIMMER DRIVER.
F2	METALUX	UHBS-1218-MV-L84050	PENDANT ⊙ 17'-8" AFF UNO	>=13000	4000K	>=80	120V/ <=82W	13" DIAMETER, ROUND LED HIGH BAY WITH SELECTABLE CCT AND LUMEN; WET LOCATION LISTED.
F2E	METALUX	UHBS-1218-MV-L84050 / EBP-RM40R	PENDANT ⊙ 17'-8" AFF UNO	>=13000	4000K	>=80	120V/ <=82W	13" DIAMETER, ROUND LED HIGH BAY WITH SELECTABLE CCT AND LUMEN, WET LOCATION LISTED AND 40W EMERGENCY DRIVER.
F3	TRACE-LITE	TLED112P-42-VS-4K	WALL ⊙ 12'-0" AFF UNO	>=2000	4000K	>=80	120V/ <=27W	LED WALL PACK; WET LOCATION LISTED.
F3E	TRACE-LITE	TLED112P-42-VS-4K-BB	WALL ⊙ 12'-0" AFF UNO	>=2000	4000K	>=80	120V/ <=27W	LED WALL PACK WITH INTEGRAL EMERGENCY BATTERY PACK; WET LOCATION LISTED.
X1	SURE-LITES	LPXC25	PER PLANS	-	-	-	120V / <=5W	SELF-POWERED, POLYCARBONATE, LED COMBINATION EXIT SIGN-EMERGENCY LUMINAIRE WITH NICKEL CADMIUM BATTERY, WHITE BACKGROUND, RED LETTERS, DUAL ADJUSTABLE HEADS, AND MINIMUM 25'-0" LIGHT THROW. PROVIDE FACES AND ARROWS AS PER PLANS.
Y1	SURE-LITES	APEL	WALL ⊙ 7'-6" AFF UNO	-	-	-	120V / <=5W	THERMOPLASTIC, SELF-POWERED, LED EMERGENCY LUMINAIRE WITH NICKEL CADMIUM BATTERY, AND DUAL ADJUSTABLE HEADS.

REVISIONS:  
 10/22/24 ADDENDUM 1

PANEL NAME: PANEL A		MAINS RATING: 250A		VOLTAGE RATING: 240/120			
MOUNTING: SURFACE		PH BUS MATERIAL: CU / AL		ENCLOSURE TYPE: N-3R			
MAINS TYPE: MLO		G BUS MATERIAL: CU		AIC RATING: 10,000			
				SUBFEED: NONE			
#	CB TRIP RTG (A)	LOAD		DESCRIPTION	P	CB TRIP RTG (A)	#
		PHASE A VA	PHASE B VA				
1	20	720	825	LTG - INTERIOR	1	20	2
3	20		900	LTG - EXTERIOR	1	20	4
5	20	360	8328			90	6
7	20		720	AHU-1	2	90	8
9	20	900	8328			90	10
11	20		696	AHU-2	2	90	12
13	20	696	3120			30	14
15	20		500	HP-1	2	30	16
17	20	500	3120			30	18
19	30		2250	HP-2	2	30	20
21		2250					22
23	20		100	SPACE			24
25	20	600		SPACE			26
27				SPACE			28
29				SPACE			30
TOTAL CONNECTED VA		29747	28343	PANEL GENERAL NOTES:			
TOTAL CONNECTED A		279					
TOTAL DIVERSIFIED VA		45887					
TOTAL DIVERSIFIED A		221					

PANEL NAME: PANEL B		MAINS RATING: 100A		VOLTAGE RATING: 240/120			
MOUNTING: SURFACE		PH BUS MATERIAL: CU / AL		ENCLOSURE TYPE: N-3R			
MAINS TYPE: MCB		G BUS MATERIAL: CU		AIC RATING: 10,000			
				SUBFEED: NONE			
#	CB TRIP RTG (A)	LOAD		DESCRIPTION	P	CB TRIP RTG (A)	#
		PHASE A VA	PHASE B VA				
1	20	720	1352	LTG - INTERIOR NORTH	1	20	2
3	20		720	LTG - INTERIOR SOUTH	1	20	4
5	20	696	135			90	6
7	20		696	LTG - EXTERIOR NORTH	1	20	8
9	20	1000	0				10
11	20		1000				12
13	20	40					14
15				SPACE			16
17				SPACE			18
19				SPACE			20
21				SPACE			22
23				SPACE			24
TOTAL CONNECTED VA		3943	3336	PANEL GENERAL NOTES:			
TOTAL CONNECTED A		35					
TOTAL DIVERSIFIED VA		7177					
TOTAL DIVERSIFIED A		35					



**GENERAL NOTES:**

- PROVIDE PULL BOXES AS PER MANUFACTURER'S RECOMMENDATIONS TO MEET MANUFACTURER REQUIREMENTS FOR MAXIMUM PULL LENGTHS.

**SPECIFIC NOTES:**

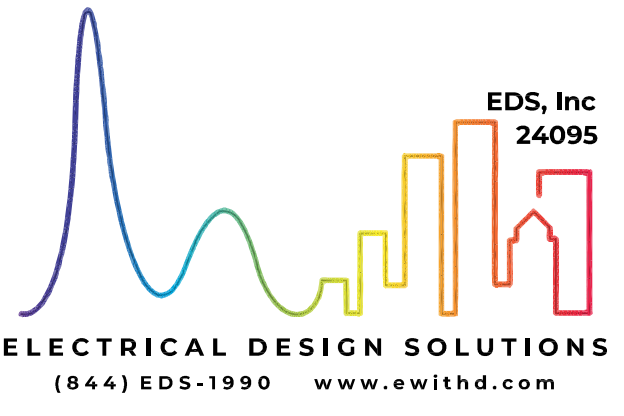
- MAIN SERVICE GROUND. PROVIDE COPPER GROUND, SIZED AS SHOWN, PER NEC 250.52.
- 100A/100AF/2P,3W/240V/N-3R SERVICE RATED DISCONNECT SWITCH. FUSES SHALL BE BUSSMANN LPN-RK-100SP.
- PROVIDE NEUTRAL TO GROUND BONDING PER NEC 250.
- COORDINATE WITH UTILITY TO PROVIDE RACEWAY AND/OR WIRING PER THEIR REQUIREMENTS.
- PROVIDE GROUNDING, SIZED AS SHOWN, FOR A STRUCTURE BEING SUPPLIED BY A FEEDER FROM A SEPARATE STRUCTURE PER NEC 250.32.
- 400A/250AF/2P,3W/240V/N-3R SERVICE RATED DISCONNECT SWITCH. FUSES SHALL BE BUSSMANN LPN-RK-250SP.

**FEEDERS**

- 2 SETS OF [3 #3/0 & 1 #1/0(G) IN 2"R.]
- 2 #1 & 1 #1/0(G) IN 1-1/2"R.
- 3 #1 & 1 #8(G) IN 1-1/2"R.
- 3 #250MCM & 1 #4(G) IN 2-1/2"R.

**BATON ROUGE POLICE DEPARTMENT  
 TRAINING FACILITY**  
 999 WEST IRENE ROAD, ZACHARY, LA 70791

SHEET TITLE  
**RISER AND SCHEDULES**  
 Job No. : A24-005  
 Date : 10/1/2024  
 Drawn By : DAE  
 Checked By: RV



SHEET  
**E0.1**

GENERAL ELECTRICAL NOTES:

GENERAL

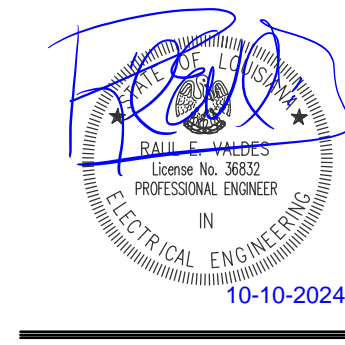
- 1. THE WORD "PROVIDE", RELATIVE TO ELECTRICAL WORK, SHALL HEREAFTER BE INTERPRETED AS "FURNISH, INSTALL AND CONNECT."
2. THE "GENERAL CONDITIONS OF THE CONTRACT" CURRENT EDITION PUBLISHED IN STANDARD FORM BY THE AMERICAN INSTITUTE OF ARCHITECTS SHALL BE PART OF THIS CONTRACT.
3. UNLESS NOTED OTHERWISE, ALL EQUIPMENT FURNISHED BY THE CONTRACTOR SHALL BE NEW AND A MANUFACTURER'S DOCUMENT SHALL ACCOMPANY EACH MAJOR COMPONENT. PROVIDE EQUIPMENT MANUFACTURER'S LETTER OF WARRANTY.
4. CONTRACTOR SHALL PROVIDE COMPLETE AND WORKABLE SYSTEMS. ELECTRICAL DRAWINGS SERVE AS WORKING DRAWINGS FOR GENERAL LAYOUT OF VARIOUS ITEMS OF EQUIPMENT; HOWEVER, LAYOUT OF THE EQUIPMENT, ACCESSORIES, SPECIALTIES, DEVICES, AND OTHER TRADES ARE DIAGRAMMATIC UNLESS SPECIFICALLY DIMENSIONED. ELECTRICAL DRAWINGS DO NOT NECESSARILY INDICATE EVERY REQUIRED ITEM.
5. THE WORK COVERED BY THE CONSTRUCTION DOCUMENTS AND THE PROJECT SPECIFICATIONS CONSISTS OF FURNISHING THE LABOR, MATERIAL, AND EQUIPMENT IN PERFORMING THE OPERATIONS NECESSARY FOR THE INSTALLATION OF THE ELECTRICAL SYSTEMS INDICATED ON THE DRAWINGS AND/OR DESCRIBED IN THE SPECIFICATIONS. ANY INCIDENTAL WORK NOT SHOWN OR SPECIFIED, BUT WHICH IS BELONGING TO OR NECESSARY FOR THE SATISFACTORY COMPLETION AND OPERATION OF THE VARIOUS SYSTEMS, SHALL BE INCLUDED. THE WORK COVERED UNDER THESE DOCUMENTS AND SPECIFICATIONS SHALL BE COORDINATED WITH THE REQUIREMENTS OF THE OTHER DIVISIONS AND WITH THE DRAWINGS FOR THE ENTIRE PROJECT. THE WORK SHALL BE ACCOMPLISHED ON SUCH A SCHEDULE AND IN SUCH A MANNER AS TO NOT DELAY OR INTERFERE WITH OTHER CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE THE ELECTRICAL EQUIPMENT AND MATERIALS AS REQUIRED FOR COMPLETE AND OPERATIONAL SYSTEMS. REFER TO THE PROJECT SPECIFICATIONS FOR SUBMITTAL AND SHOP DRAWING REQUIREMENTS.
6. WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE CURRENT NATIONAL ELECTRIC CODE AND STATE AND LOCAL CODES THAT APPLY.
7. THE CONTRACTOR SHALL TAKE OUT PERMITS, PROCURE CERTIFICATES, AND PAY FEES AS REQUIRED TO PERFORM THE PROJECT ELECTRICAL WORK.
8. BIDDERS SHALL BE REQUIRED TO VISIT THE PROJECT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS SURROUNDING THE PROJECT PRIOR TO BIDDING.
9. THE CONTRACTOR SHALL TOUCH-UP OR REFINISH THE FACTORY FINISH OF EQUIPMENT MARRED DURING SHIPMENT OR INSTALLATION.
10. THE CONTRACTOR SHALL BE A LICENSED ELECTRICIAN OF THE STATE IN WHICH THE WORK IS TO BE PERFORMED.
11. AT THE COMPLETION OF THE WORK, THE CONTRACTOR SHALL REMOVE RUBBISH AND DEBRIS CAUSED BY THE CONTRACTOR AND SHALL THOROUGHLY CLEAN ALL ELECTRICAL EQUIPMENT AND COMPONENTS.
12. ELECTRICAL EQUIPMENT SHALL BE SPECIFICATION GRADE, UNLESS NOTED OTHERWISE.
13. ELECTRICAL ROOM/AREA EQUIPMENT LAYOUT IS CONCEPTUAL AND IS BASED ON DIMENSIONS OF INDUSTRY STANDARD EQUIPMENT. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE EQUIPMENT LAYOUT PER NEC ARTICLE 110 AND SIZED TO MEET THE ROOM DIMENSIONS. ELECTRICAL CONTRACTOR SHALL ADJUST THE EQUIPMENT LAYOUT IN THE FIELD AS NEEDED PER THE SUCCESSFUL MANUFACTURER'S EQUIPMENT DIMENSIONS (TYPICAL FOR ALL ELECTRICAL EQUIPMENT ROOMS). PRIOR TO ROUGH-IN AND RACEWAY INSTALLATION, ELECTRICAL CONTRACTOR SHALL SUBMIT DIMENSIONED LAYOUT OF EQUIPMENT ROOMS AND ELECTRICAL ROOMS UTILIZING DIMENSIONS OF EQUIPMENT TO BE INSTALLED. SUBMIT FOR REVIEW PRIOR TO ANY FIELD WORK.
14. DATA PRESENTED ON THESE DRAWINGS ARE AS SURVEYS AND PLANNING CAN DETERMINE, BUT ABSOLUTE ACCURACY IS NOT GUARANTEED. FIELD VERIFICATION OF THE PLANS IS RESPONSIBILITY OF THE CONTRACTOR SINCE FINAL DISTANCES, LOCATIONS AND HEIGHTS WILL BE GOVERNED BY ACTUAL FIELD CONDITIONS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS IN AREAS TO BE RENOVATED PRIOR TO BID IN ORDER TO PROVIDE AN ACCURATE BID AND BE AWARE OF CONSTRUCTION METHODS NEEDED TO PROVIDE THE FINISHED PRODUCT AS SHOWN ON THE PLANS. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER IN WRITING VIA AN R.F.I. FOR A DECISION TO RESOLVE CONFLICTS PRIOR TO BID.
15. EQUIPMENT, FINISHES, AND ACCESSORIES TO BE PROVIDED SHALL COMPLY WITH ANSI A117.1, AMERICANS WITH DISABILITIES ACT AND OTHER SPECIFIC STANDARDS, CODES AND REGULATIONS ESTABLISHED BY LOCAL AUTHORITIES HAVING JURISDICTION.
16. CUTTING AND PATCHING: THE CONTRACTOR SHALL PERFORM WHERE REQUIRED TO FACILITATE CONSTRUCTION. THE CONTRACTOR SHALL PATCH AND REPAIR SUCH OPENINGS TO THE ORIGINAL STATE. HOWEVER, STRUCTURAL ELEMENTS SHALL NOT BE CUT WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT OR HIS REPRESENTATIVE.
17. THE CONTRACTOR SHALL PROTECT HIS WORK DONE UNDER THIS CONTRACT FROM INJURY DURING CONSTRUCTION AND PROTECT HIS EQUIPMENT FROM DAMAGE.
18. THE CONTRACTOR SHALL NOTIFY THE ELECTRIC AND TELEPHONE UTILITY COMPANIES OF NEW WORK FOR THIS PROJECT. THE CONTRACTOR SHALL ARRANGE WITH THE ELECTRIC AND TELEPHONE UTILITY COMPANIES TO PROVIDE SERVICE AND EQUIPMENT PER UTILITIES REQUIREMENTS. INCLUDE COSTS IN THE BASE BID.
19. THE OWNER SHALL MAKE APPLICATION TO THE LOCAL TELEPHONE COMPANY FOR TELEPHONE SERVICE.
20. ELECTRICAL EQUIPMENT AND APPURTENANCES UNDER THIS CONTRACT SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF THE LATEST EDITION OF THE FOLLOWING PUBLICATIONS:
A.) UNDERWRITER'S LABORATORIES, INC. - U.L.
B.) NATIONAL FIRE PROTECTION ASSOCIATION - NFPA
C.) NATIONAL ELECTRICAL MANUFACTURER'S ASSOC. - NEMA
D.) NATIONAL ELECTRICAL CODE - NEC

- 22. THE CONTRACTOR SHALL FURNISH A WRITTEN, SIGNED WARRANTY STATING:
A.) THAT WORK EXECUTED UNDER THIS CONTRACT SHALL BE FREE OF DEFECTS IN WORKMANSHIP AND MATERIAL FOR A PERIOD OF ONE (1) YEAR FROM DAY OF FINAL ACCEPTANCE.
B.) THAT THE ELECTRICAL CONTRACTOR WILL AT HIS OWN EXPENSE REPAIR OR REPLACE DEFECTIVE WORK AND MATERIALS AND OTHER WORK DAMAGED THEREBY, WHICH BECOMES DEFECTIVE DURING THE TERM OF THE GUARANTEE-WARRANTY.
COORDINATION WITH OTHER TRADES
1. THE CONTRACTOR IS REFERRED TO ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, AND PLUMBING PLANS AND SPECIFICATIONS (AS APPLICABLE) FOR ADDITIONAL INFORMATION AND ELECTRICAL WORK THAT MAY NOT BE INDICATED ON THESE DRAWINGS.
2. THESE DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW APPROXIMATE LOCATIONS AND GENERAL ARRANGEMENTS ONLY. ADJUST ROUTING AND LOCATIONS FOR FIELD CONDITIONS, COORDINATE WORK AND INSTALLATION WITH OTHER TRADES. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS, LOCATIONS, AND MOUNTING HEIGHTS
3. ELECTRICAL WORK SHALL NOT INTERFERE WITH CLEARANCES REQUIRED FOR GENERAL MECHANICAL AND PLUMBING CONSTRUCTION. SHOULD ELECTRICAL WORK BE INSTALLED WHICH INTERFERES WITH WORK OF OTHER CONTRACTORS, SUCH WORK SHALL BE CHANGED AT NO ADDITIONAL COST TO THE OWNER.
4. COORDINATE WITH MECHANICAL, PLUMBING AND GENERAL CONDITIONS FOR FINAL LOCATIONS OF HVAC EQUIPMENT, WATER HEATERS, EXHAUST FANS, CONTROL DEVICES, AND EQUIPMENT BY ANY OTHER TRADES. THE CONTRACTOR SHALL REVIEW THE APPROVED MECHANICAL AND PLUMBING SHOP DRAWINGS TO DETERMINE AND VERIFY ELECTRICAL ROUGH-IN REQUIREMENTS, POINT OF CONNECTION(S), AND EQUIPMENT AMPERAGE/VOLTAGE/PHASE. WHEN THE EQUIPMENT HAS BEEN DELIVERED TO THE PROJECT SITE, THE CONTRACTOR SHALL VERIFY WITH THE EQUIPMENT NAMEPLATE FOR THE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS FOR EACH PIECE OF EQUIPMENT. FUSE SIZE ADJUSTMENTS MAY BE REQUIRED, AND THE FUSE TYPE SHALL BE DUAL ELEMENT-TIME DELAY, CLASS RK-5. PROVIDE CONDUCTORS, CONDUIT, BREAKERS, CONNECTIONS, AND APPURTENANCES REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.
5. FOR EACH MECHANICAL OR PLUMBING DEVICE THAT REQUIRES ELECTRICAL POWER CONNECTION, RESPONSIBILITY FOR COORDINATION BETWEEN THE MECHANICAL OR PLUMBING EQUIPMENT ELECTRICAL CHARACTERISTICS AND THE ELECTRICAL SERVICES REMAINS WITH ALL INVOLVED CONTRACTORS (ELECTRICAL AND MECHANICAL, PLUMBING, ETC.). COORDINATE AND VERIFY IN FIELD PRIOR TO ROUGH-IN AND EQUIPMENT ORDERING. PROVIDE AND ADJUST ELECTRICAL SERVICES AS REQUIRED. CONTRACTOR SHALL COORDINATE IN FIELD, VERIFY, AND PROVIDE THE ELECTRICAL SERVICES AND RATINGS OF MECHANICAL OR PLUMBING EQUIPMENT AS INDICATED IN THE APPROVED MECHANICAL OR PLUMBING SHOP DRAWINGS AND AS SUCH EQUIPMENT ARRIVES AT THE JOB SITE. CONTRACTOR SHALL PROVIDE ELECTRICAL SERVICES, CIRCUIT BREAKERS, CONDUIT, CONDUCTORS, CONNECTIONS, AND APPURTENANCES REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. CONTRACTOR SHALL INCLUDE SUCH COSTS IN THE BASE BID.
6. CONTRACTOR SHALL COORDINATE CONSTRUCTION PHASING WITH OWNER AND OTHER TRADES.
7. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF PLUMBING, PIPING, AND DUCTWORK ADJACENT TO ELECTRICAL PANELS; ELECTRICAL PANELS SHALL HAVE CLEARANCE FROM FLOOR TO CEILING STRUCTURE. NO MECHANICAL OR PLUMBING DEVICES SHALL CROSS OR PENETRATE PANEL CLEARANCE SPACE.
8. WHEN ELECTRICALLY DRIVEN EQUIPMENT FURNISHED UNDER THIS CONTRACT MATERIALLY DIFFERS FROM THE DESIGN, THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS TO THE CONDUCTORS, DISCONNECT DEVICES, CIRCUIT BREAKERS, FUSES, CONTROLLERS, OVERLOAD PROTECTION, ETC. TO ACCOMMODATE THE EQUIPMENT ACTUALLY INSTALLED.
9. PROVIDE CONNECTION OF ELECTRICAL EQUIPMENT MENTIONED IN THIS SECTION OR NOTED ON THE DRAWINGS, WHETHER FURNISHED BY THE CONTRACTOR OR BY OTHERS. REFER TO CONSTRUCTION DOCUMENTS OF OTHER TRADES FOR THIS PROJECT.
GROUNDING
1. ALL PROJECT GROUNDING SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE.
2. PROVIDE A COMPLETE GROUNDING SYSTEM. GROUND CONDUCTOR, GROUND ELECTRODES, GROUND BUS, AND GROUND ROD TO EFFECTIVELY PROVIDE SERVICE GROUND. GROUND PANELS, WIREWAYS, CONDUITS, LIGHT FIXTURES, RECEPTACLES, AND EQUIPMENT IN ACCORDANCE WITH THE NEC. VERIFY GROUNDING MEANS.
3. GROUND CONDUCTORS SHALL BE PROVIDED IN FEEDERS AND BRANCH CIRCUIT RACEWAYS. EQUIPMENT GROUND WIRES SHALL BE COPPER AND SIZED AS PER NEC TABLE 250-95.
RACEWAYS, BOXES, AND CONDUCTORS
1. WIRING INCLUDING LOW VOLTAGE SHALL BE IN CONDUIT WHERE REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
2. PROVIDE PULL BUSHINGS ON COMMUNICATIONS RACEWAYS.
3. USE ONLY APPROVED LUBRICANT FOR WIRE PULLING PURPOSES.
4. WHERE RACEWAYS AND CABLE PASS THROUGH CONCRETE OR CONCRETE BLOCK WALLS, PROVIDE CORE DRILLING AS REQUIRED.
5. ITEMS OF ELECTRICAL EQUIPMENT ASSOCIATED WITH THE CONTROL OF ELECTRICAL APPARATUS SHALL BE IDENTIFIED. IN UNFINISHED AREAS PAINT STENCIL SHALL BE ACCEPTABLE, FOR OTHER AREAS AN ENGRAVED PLATE SHALL BE USED TO IDENTIFY ASSOCIATED EQUIPMENT.
6. NOMINAL MOUNTING HEIGHT OF DEVICES IN EXPOSED CONCRETE BLOCK, TILE, OR BRICK WALLS SHALL OCCUR WITHIN A SINGLE COURSE. A MINIMUM AMOUNT OF BLOCK, TILE, OR BRICK SHALL BE CUT.
7. CONTRACTOR SHALL RUN RACEWAY CONCEALED WHEN POSSIBLE, CONCEALED RACEWAYS SHALL BE RUN IN AS DIRECT A LINE AS POSSIBLE WITH LONG BENDS. EXPOSED RACEWAYS SHALL BE RUN PARALLEL TO OR AT RIGHT ANGLES TO THE LINES OF THE BUILDING. RACEWAY SHALL BE SUPPORTED FROM THE BUILDING SUPPORTING MEMBERS; ABOVE SUSPENDED CEILINGS. SUPPORT FROM MECHANICAL SYSTEM PIPING, DUCTS, AND OTHER TRADES ARE NOT ACCEPTABLE.
8. PROVIDE LIQUID-TIGHT FLEXIBLE CONDUIT FOR CONNECTION OF MOTORS AND FOR

- OTHER ELECTRICAL EQUIPMENT WHERE SUBJECT TO MOVEMENT, VIBRATION, AND ALSO WHERE SUBJECT TO ANY OF THE FOLLOWING: EXTERIOR, MOISTURE, CORROSIVE ATMOSPHERE.
9. SHEET METAL BOXES SHALL BE STANDARD TYPE WITH KNOCKOUTS, MADE OF HOT DIPPED GALVANIZED STEEL AS MANUFACTURED BY STEEL CITY, RACO, OR APPROVED EQUIVALENT.
10. CIRCUIT CONDUCTORS SHALL BE 2 #12 & 1 #12 EQUIPMENT GROUND, UNLESS NOTED OTHERWISE.
11. CONDUCTORS SHALL BE CONTINUOUS FROM DEVICE TO DEVICE. AVOID UNNECESSARY SPLICING.
12. NUMBER OF WIRES FOR EACH CIRCUIT MAY NOT BE INDICATED ON DRAWINGS. THE CONTRACTOR SHALL PROVIDE WIRES NECESSARY FOR PROPER FUNCTION OF THE SYSTEM WHETHER INDICATED ON PLANS OR NOT.
13. SINGLE-PHASE BRANCH CIRCUITS, 120-VOLT LIGHTING, RECEPTACLES, AND MOTORS SHALL CONSIST OF PHASE, NEUTRAL, AND GROUND CONDUCTORS.
14. JUNCTION BOXES AND ELECTRICAL EQUIPMENT EXPOSED TO THE ELEMENTS SHALL BE WEATHERPROOF.
15. CONDUIT CROSSING EXPANSION JOINTS SHALL HAVE EXPANSION TYPE FITTINGS ON BOTH SIDES OF EXPANSION JOINT.
PANELBOARDS
1. PANELBOARDS SHALL CONSIST OF COMPLETE DEAD FRONT ASSEMBLIES INCLUDING BACK CAN, BUS BAR, SHEET METAL CABINET, SWITCHING AND OVER CURRENT DEVICES, TRIMS, DOOR AND LOCK. PANELBOARDS SHALL BE SQUARE "D", G.E., SIEMENS OR APPROVED EQUIVALENT.
2. WHEN ORDERING PANELBOARDS, THE CONTRACTOR SHALL DETERMINE THE NUMBER OF SERVICE ENTRANCE CONDUCTORS, SIZE AND MATERIAL TYPE, AND SHALL PROVIDE THIS INFORMATION TO THE PANELBOARD SUPPLIER SO THAT THE APPROPRIATE LUGS CAN BE PROVIDED FROM THE FACTORY.
3. THE CONTRACTOR SHALL INSTALL PANELS AND ELECTRICAL EQUIPMENT PER NEC ARTICLE 110 CLEARANCE REQUIREMENTS.
4. CIRCUIT NUMBERS ARE FOR IDENTIFICATION ONLY. THE CONTRACTOR WILL BE RESPONSIBLE FOR CORRECTLY PHASING THE CIRCUITS IN THE PANELS. HOMERUNS OF SIMILAR SINGLE-PHASE CIRCUITS MAY BE COMBINED IN ANY ONE RACEWAY WITH A COMMON NEUTRAL UNLESS NOTED OTHERWISE. ONLY THREE (3) SINGLE-PHASE CIRCUITS MAY BE COMBINED IN ANY ONE RACEWAY. ON COMPLETION OF THE SPACE, THE ELECTRICAL CONTRACTOR SHALL BALANCE THE PANEL PHASE LOADS TO WITHIN TEN PERCENT.
WIRING DEVICES
1. THE CONTRACTOR SHALL PROVIDE GFCI, WEATHERPROOF-WHILE-IN-USE RECEPTACLE(S) WITHIN 25 FEET OF ALL HVAC EQUIPMENT ON ROOF OR GROUNDS.
2. EXTERIOR RECEPTACLES EXPOSED TO THE ELEMENTS SHALL BE GFCI, WEATHERPROOF-WHILE-IN-USE RECEPTACLES.
3. PLATES FOR UNFINISHED AREAS SHALL BE SHEET STEEL OR CAST METAL.
4. PROVIDE ENGRAVED PLASTIC IDENTIFICATION PLATE FOR EACH PANELBOARD. INSTALL A TYPEWRITTEN DIRECTORY IN DOOR OF EACH PANEL. CIRCUIT DIRECTORIES SHALL BE NEATLY TYPED TO REFLECT INSTALLED CONDITIONS UNDER THIS CONTRACT. CIRCUITS SHALL BE NUMBERED ALTERNATELY (I.E. 1, 3, 5 AND 2, 4, 6 ETC).
5. SAFETY SWITCHES SHALL BE INSTALLED WHERE INDICATED ON PLANS OR WHERE OTHERWISE REQUIRED BY CODE ENFORCING AUTHORITIES. THEY SHALL BE INSTALLED WITH ADEQUATE HAND ACCESS TO AND CLEARANCE FOR OPERATION AND FUSE REPLACEMENT. EACH SWITCH SHALL HAVE ENGRAVED PLASTIC NAMEPLATES INSTALLED, IDENTIFYING THE EQUIPMENT IT IS SERVING.
6. EXHAUST FANS SHALL HAVE DISCONNECT SWITCHES. COORDINATE WITH MECHANICAL DRAWINGS FOR INSTALLATION OF THERMOSTATS.
7. REMOTE POWERED EQUIPMENT ON ROOF OR GROUNDS SHALL BE PROVIDED BY CONTRACTOR WITH A NEMA 3R DISCONNECT SWITCH AT EACH PIECE OF EQUIPMENT (UNLESS NOTED OTHERWISE).
8. LOCATE OUTLETS AS INDICATED ON PLANS WITH MOUNTING HEIGHTS AS SHOWN. COORDINATE INSTALLATION WITH OTHER EQUIPMENT AND ARCHITECTURAL MILLWORK ELEVATIONS. SECURE OUTLETS TO STRUCTURE.
LIGHTING
1. LIGHT FIXTURE LOCATIONS SHALL BE ADJUSTED IN FIELD AS REQUIRED TO ACCOMMODATE DUCTWORK, PIPING AND OTHER TRADES. CONTRACTOR SHALL VERIFY APPROPRIATE LIGHTING LEVELS WHERE LIGHT FIXTURES ARE ADJUSTED FROM LOCATIONS SHOWN ON FLOOR PLAN.
2. SUPPORT OF LIGHT FIXTURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. LAY-IN LIGHT FIXTURES SHALL NOT BE SUPPORTED ENTIRELY BY CEILING GRID SYSTEM. THEY SHALL HAVE STEEL WIRE SUPPORT TIED TO THE STRUCTURE ABOVE FROM AT LEAST TWO POINTS ON THE FIXTURE.
3. PROVIDE A COMPLETE LIGHTING SYSTEM. PROVIDE FIXTURES, LAMPS, ACCESSORIES AND SUPPORT AS SPECIFIED AND SHOWN. CEILING GRID LAYOUTS ON PLANS ARE FOR CONVENIENCE ONLY. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE LIGHT FIXTURE LAYOUT WITH (AS APPLICABLE): ARCHITECT, REFLECTED CEILING PLANS, GENERAL CONTRACTOR, MECHANICAL CONTRACTOR, FIRE PROTECTION CONTRACTOR, FIRE ALARM CONTRACTOR, LOW-VOLTAGE CONTRACTOR(S) AND OWNER.
4. LIGHT FIXTURES SHALL BE FURNISHED AS SPECIFIED IN THE LIGHTING FIXTURE SCHEDULE ON THE LIGHTING PLANS OR APPROVED EQUIVALENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY CEILING TYPES, CLEARANCES, MOUNTING HARDWARE, ETC., AND PROVIDE AS REQUIRED TO INSTALL THE LIGHT FIXTURES.
SUBMITTALS
1. PROVIDE COMPLETE SHOP DRAWINGS, RISER DIAGRAMS, AND SUBMITTALS. THE CONTRACTOR SHALL PURCHASE NO EQUIPMENT FOR THE SYSTEM SPECIFIED HEREIN UNTIL THE OWNER HAS REVIEWED THE PROJECT SHOP DRAWINGS AND SUBMITTALS IN THEIR ENTIRETY AND HAS RETURNED THEM TO THIS CONTRACTOR. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MEET THE ENTIRE INTENT AND FUNCTIONAL PERFORMANCE DETAILED IN THESE PLANS AND SPECIFICATIONS. REVIEWED SUBMITTALS SHALL ONLY ALLOW THE CONTRACTOR TO PROCEED WITH THE INSTALLATION AND SHALL NOT BE CONSTRUED TO MEAN THAT THIS

CONTRACTOR HAS SATISFIED THE REQUIREMENTS OF SPECIFICATIONS. THE CONTRACTOR SHALL SUBMIT THREE (3) COMPLETE SETS OF DOCUMENTATION WITHIN 30 CALENDAR DAYS AFTER AWARD OF PROJECT:
EACH SUBMITTAL SHALL INCLUDE A COVER LETTER PROVIDING A LIST OF EACH VARIATION THAT THE SUBMITTAL MAY HAVE FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. IN ADDITION THIS CONTRACTOR SHALL PROVIDE SPECIFIC NOTATION ON EACH SHOP DRAWING, SAMPLE, CATALOG CUT, DATA SHEET, INSTALLATION MANUAL, ETC.
SUBMITTED FOR REVIEW AND APPROVAL OF EACH SUCH VARIATION.
SHOP DRAWINGS AND DIAGRAMS SHALL INCLUDE THE CONTRACTOR'S TITLE BLOCK, COMPLETE WITH DRAWING TITLE, CONTRACTOR'S NAME, ADDRESS, DATE INCLUDING REVISIONS, AND PREPARER'S AND REVIEWER'S INITIALS.

REVISIONS:
ADDENDUM No. 1
10/21/2024

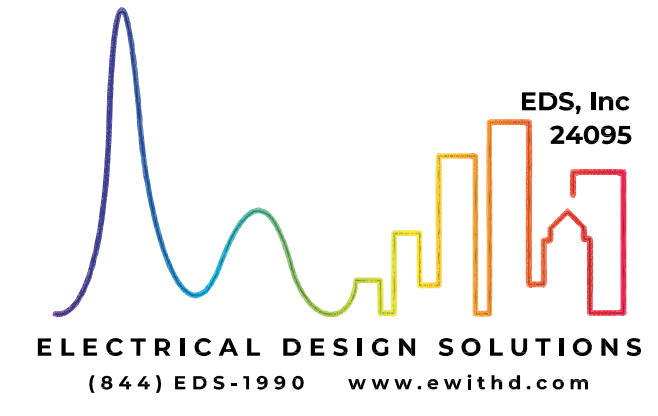


BATON ROUGE POLICE DEPARTMENT
TRAINING FACILITY
999 WEST IRENE ROAD, ZACHARY, LA 70791

SHEET TITLE
GENERAL ELECTRICAL NOTES

Job No. : A24-005
Date : 10/1/2024
Drawn By : DAE
Checked By: RV

SHEET
E0.2



**GENERAL NOTES:**

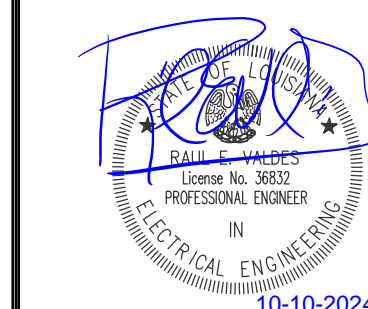
1. SEE SCHEMATIC RISER DIAGRAM FOR ADDITIONAL INFORMATION.
2. CONSULT WITH UTILITY AND PROVIDE PULL BOXES AND RACEWAYS PER THEIR REQUIREMENTS.
3. ALL BRANCH CIRCUITS SHALL NOT EXCEED 3% VOLTAGE DROP. UPSIZE WIRE AS REQUIRED.
4. SEE ARCHITECTURAL/CIVIL DRAWINGS FOR EXACT DEVICE AND LIGHT FIXTURE LOCATIONS.

**SPECIFIC NOTES:**

- ① EXISTING UTILITY POLE WITH EXISTING XFMR.
- ② NEW UTILITY POLE.
- ③ REFER TO POWER RISER DIAGRAM FOR ADDITIONAL INFORMATION.
- ④ TWO (2) 2"R WITH PULLSTRING TO WEATHERPROOF J-BOX SURFACE MOUNTED ON THE EXTERIOR OF THE BUILDING FOR TELECOM UTILITY SERVICE FROM NEAREST EXISTING UTILITY POLE ON SITE CURRENTLY WITH TELECOM SERVICE. COORDINATE SUPPLY LOCATION OF SERVICE WITH TELECOM UTILITY IN THE FIELD.

**REVISIONS:**

— **ADDENDUM No. 1** —  
**10/21/2024**



**BATON ROUGE POLICE DEPARTMENT  
TRAINING FACILITY**  
999 WEST IRENE ROAD, ZACHARY, LA 70791

SHEET TITLE

**ELECTRICAL  
SITE**

Job No. : A24-005

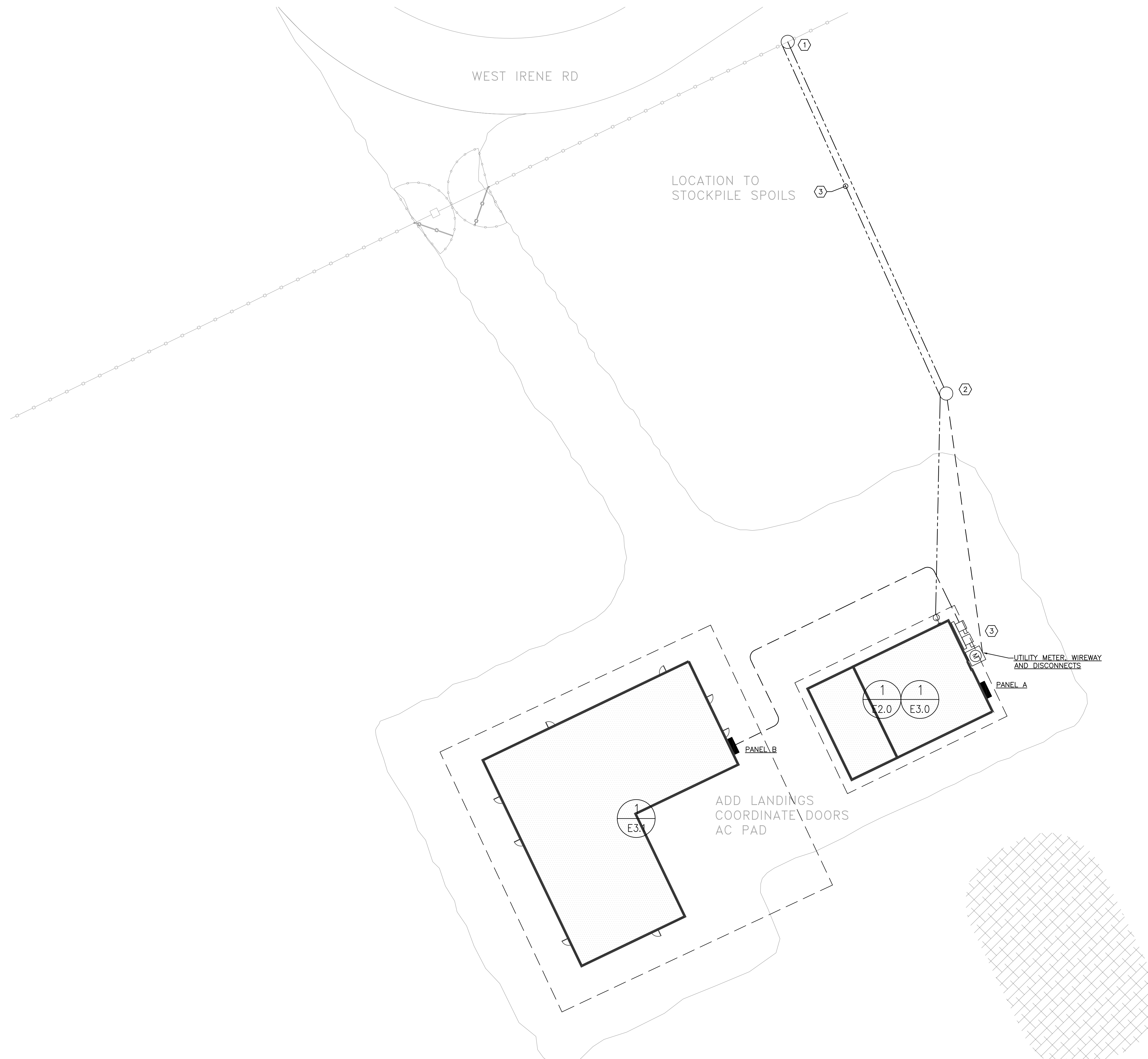
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Drawn By : DAE

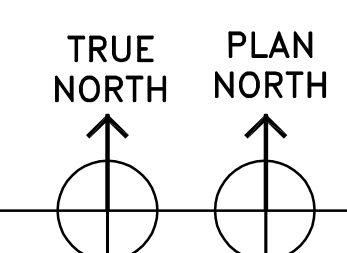
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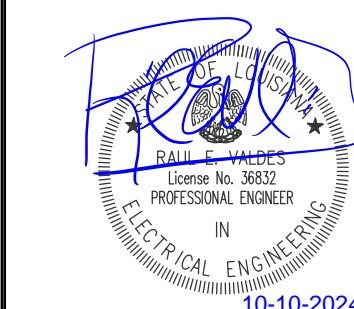


**I ELECTRICAL SITE**  
1" = 20'-0"



REVISIONS:

ADDENDUM No. 1  
 10/ 21/ 2024

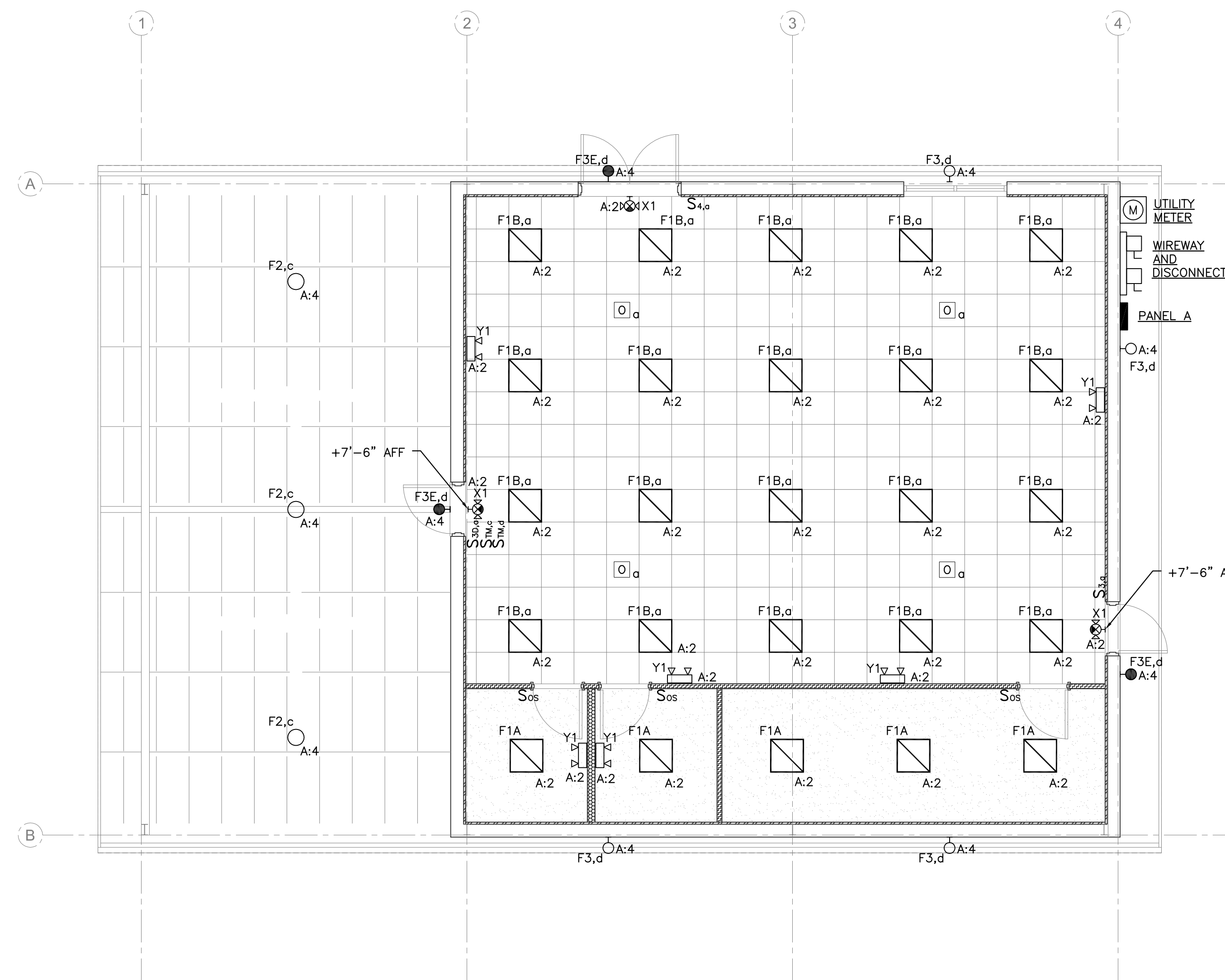


GENERAL NOTES:

- BRANCH CIRCUIT HOMERUNS SHALL BE SIZED FOR VOLTAGE DROP BASED UPON THE FOLLOWING FOR 120V, 1ø, 20A LOADS:  
 #12 - 0'-70'  
 #10 - 71'-110'  
 #8 - 111'-175'  
 #6 - 176'-280'  
 PROVIDE APPROPRIATE HARDWARE TERMINATION FOR ASSOCIATED WIRE SIZE.
- BRANCH CIRCUITS SHALL NOT EXCEED 3% VOLTAGE DROP. UPSIZE WIRE AS REQUIRED.
- SEE ARCHITECTURAL DRAWINGS FOR EXACT LIGHTING FIXTURE LOCATIONS.
- PROVIDE UNSWITCHED HOT CONDUCTOR TO ALL EXIT SIGNS AND EMERGENCY EGRESS LIGHTING FIXTURE VOLTAGE SENSING CIRCUITS.
- EMERGENCY LIGHTS SHALL BE WIRED FOR SWITCHED OPERATION UNLESS NOTED OTHERWISE. EXIT SIGNS SHALL BE UNSWITCHED.
- PROVIDE LOW VOLTAGE CONTROL WIRING, POWER PACKS, ETC TO PRODUCE A FULLY OPERATIONAL SYSTEM AS PER THE SWITCHING/ZONING SCHEMES SHOWN ON DRAWINGS.
- WHERE OCCUPANCY/VACANCY SENSORS ARE SHOWN, CONTRACTOR SHALL LOCATE SENSOR PER MANUFACTURER'S SUGGESTION FOR OPTIMAL COVERAGE. PROVIDE ADDITIONAL SENSORS AS REQUIRED FOR FULL COVERAGE AND PREVENTION OF NUISANCE SWITCHING.

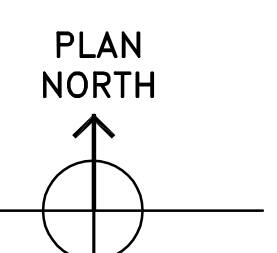
SPECIFIC NOTES:

① NOT USED.



**I CLASSROOM LIGHTING**

1" = 20'-0"



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 999 WEST IRENE ROAD, ZACHARY, LA 70791

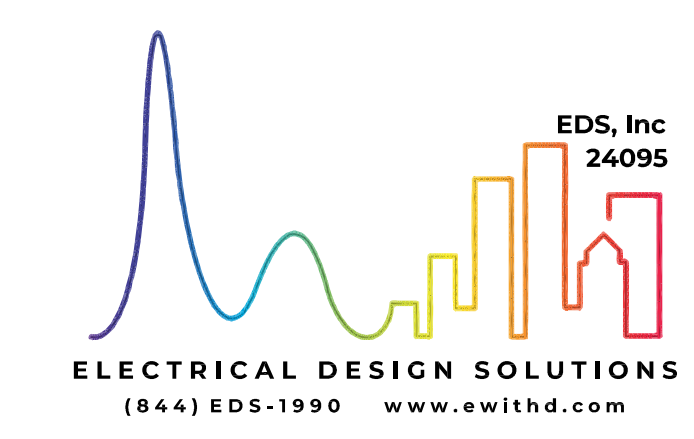
SHEET TITLE

**CLASSROOM  
 LIGHTING**

Job No. : A24-005  
 Date : 10/1/2024  
 Drawn By : DAE  
 Checked By: RV

SHEET

**E2.0**



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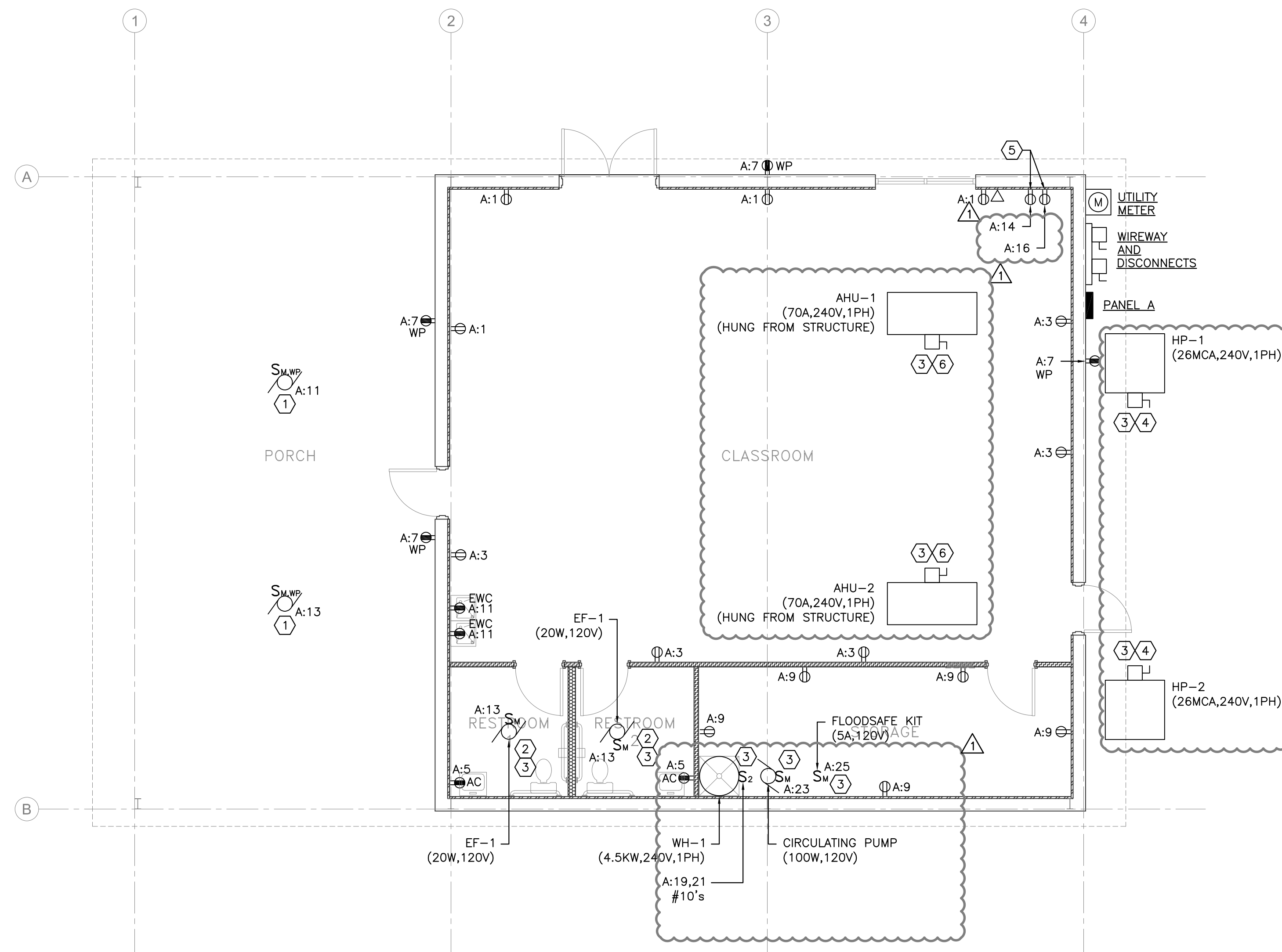
GENERAL NOTES:

- BRANCH CIRCUIT HOMERUNS SHALL BE SIZED FOR VOLTAGE DROP BASED UPON THE FOLLOWING FOR 120V, 1 $\phi$ , 20A LOADS:  
 #12 - 0'-70'  
 #10 - 71'-110'  
 #8 - 111'-175'  
 #6 - 176'-280'  
 PROVIDE APPROPRIATE HARDWARE TERMINATION FOR ASSOCIATED WIRE SIZE.
- BRANCH CIRCUITS SHALL NOT EXCEED 3% VOLTAGE DROP. UPSIZE WIRE AS REQUIRED.
- SEE ARCHITECTURAL DRAWINGS FOR EXACT DEVICE LOCATIONS AND MOUNTING HEIGHTS PRIOR TO ROUGH-IN.

SPECIFIC NOTES:

- FOR FAN (1/4HP, 120V), VERIFY EXACT LOCATION OF CONTROLLER WITH OWNER AND PROVIDE WIRING/CABLING AND RACEWAY FROM CONTROLLER TO FAN PER MANUFACTURER'S REQUIREMENTS.
- PROVIDE ON/OFF CONTROL OF EXHAUST FAN VIA SWITCH WITH OCCUPANCY SENSORS THAT CONTROLS LIGHTING WITHIN THIS ROOM.
- CONTRACTOR SHALL VERIFY EXACT ELECTRICAL REQUIREMENTS AND COORDINATE THE EXACT LOCATION WITH MECHANICAL PRIOR TO ROUGH-IN AND INSTALLATION. CONTRACTOR SHALL PROVIDE ANY REQUIRED RACEWAY, FEEDER, DISCONNECT DEVICES, AND ANY OTHER ACCESSORIES OR MATERIALS NOT MENTIONED THAT ARE NEEDED FOR THE SAFE AND PROPER FUNCTIONING OF THE EQUIPMENT.
- 30A/NF/2P,2W/240V/N-3R DISCONNECT SWITCH FOR HP. PROVIDE 2 #10 & 1#10(G) IN 3/4"R BRANCH CIRCUIT.
- INSTALL RECEPTACLE ON TELEPHONE BACKBOARD. VERIFY EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
- 100A/NF/2P,2W/240V/N-3R DISCONNECT SWITCH FOR HP. PROVIDE 2 #4 & 1#8(G) IN 1"R BRANCH CIRCUIT.

REVISIONS:  
 10/22/24 ADDENDUM 1



BATON ROUGE POLICE DEPARTMENT  
 TRAINING FACILITY  
 999 WEST IRENE ROAD, ZACHARY, LA 70791

SHEET TITLE

CLASSROOM  
 POWER & SS

Job No. : A24-005  
 Date : 10/1/2024  
 Drawn By : DAE  
 Checked By: RV

SHEET

E3.0

**I CLASSROOM POWER & SS**  
 1" = 20'-0"

