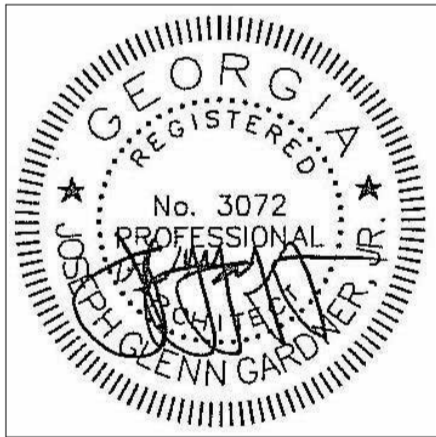


## New Gymnasium for Union County

519 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

[illegible]

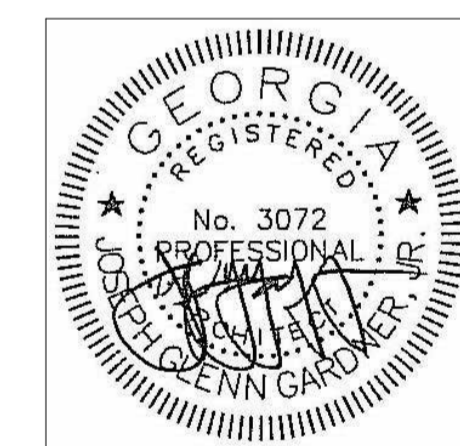
Gardner  
Spencer  
Smith  
Tench &  
Jarbeau

A Professional Corporation  
for the Practice of Architecture  
[www.gsstj.com](http://www.gsstj.com)

Tower Place  
3340 Peachtree Road,  
N.E.  
Suite 1800  
Atlanta, Georgia 30326  
404.522.8805  
404.521.2118 (F)

22102	PROJECT NO.
	SHEET TITLE
Cover Sheet	SHEET NO.
G.O. 00	



[illegible]

Gardner  
Spencer  
Smith  
Tench &  
Jarbeau

- A Professional Corporation
- for the Practice of Architecture
- [www.gsstj.com](http://www.gsstj.com)

- Tower Place
- 3340 Peachtree Road,
- N.E.
- Suite 1800
- Atlanta, Georgia 30326
- 404.522.8805
- 404.521.2118 (F)

PROJECT NO.
-------------

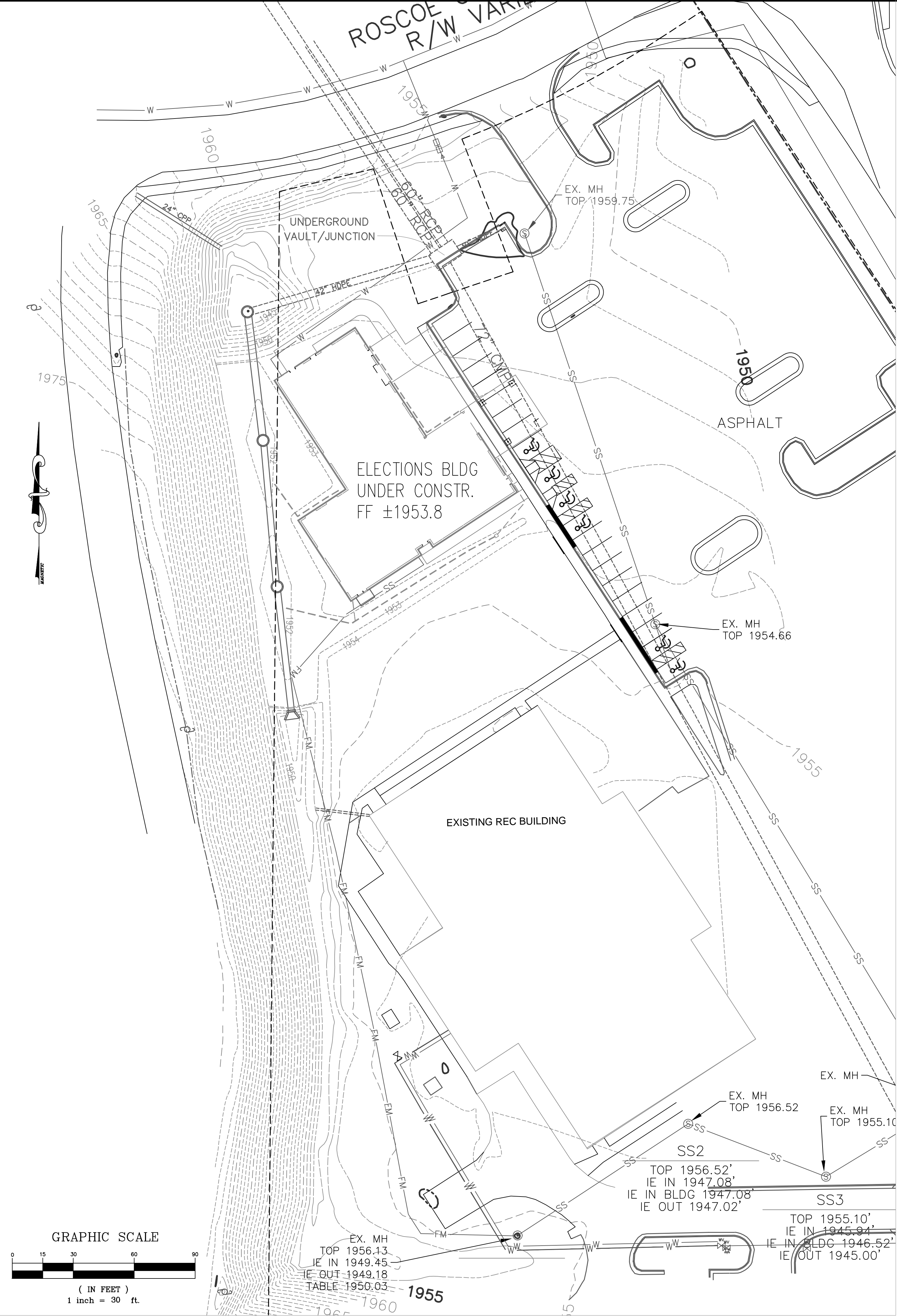
22102

	SHEET
31	TITLE

Architectural Site Plan.

**SHEET**  
**NO.**

AS1.01

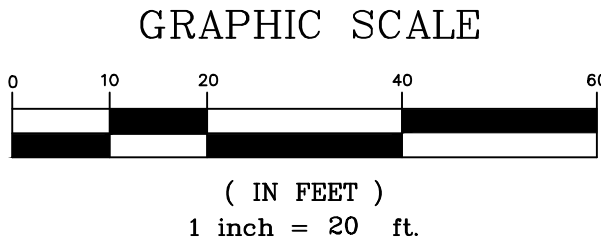
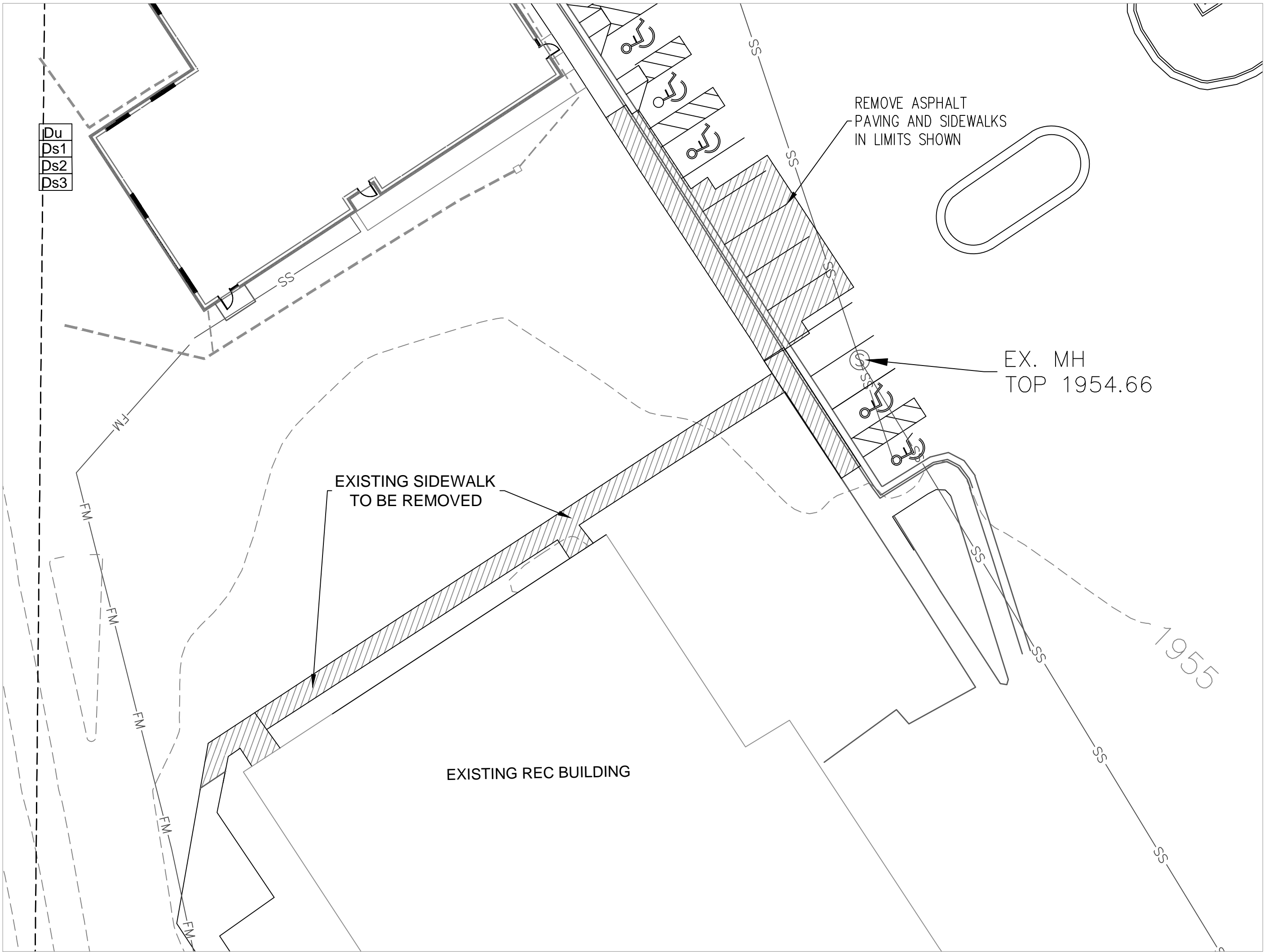


EXISTING SITE CONDITIONS  
1" = 30'

SURVEY PROVIDED BY:  
BLUE RIDGE MOUNTAIN SURVEYING  
1365 MURPHY HWY  
BLAIRSVILLE, GA 30512  
(706) 897-7900



Know what's below.  
Call before you dig.



DEMOLITION PLAN  
1" = 20'

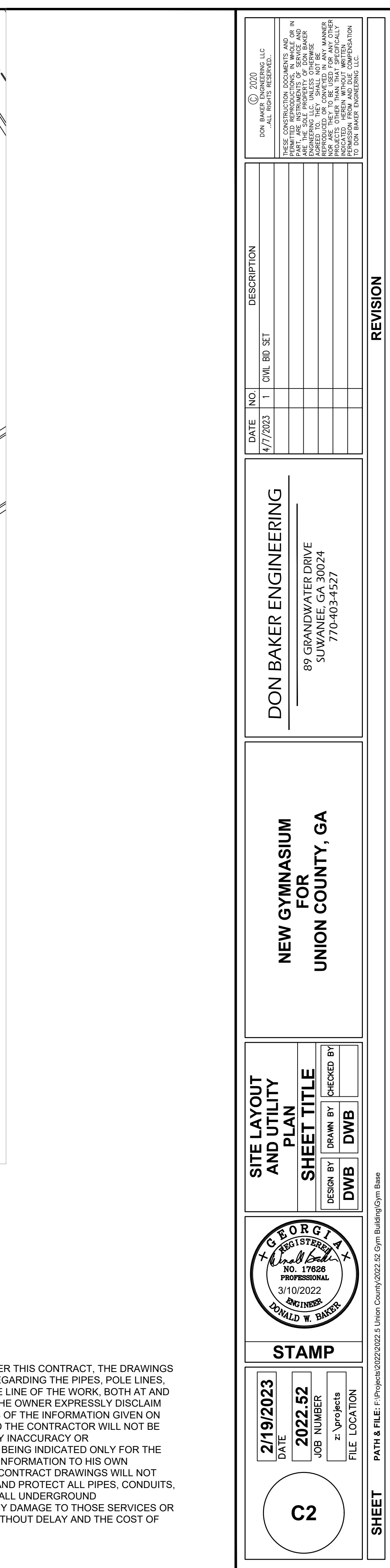
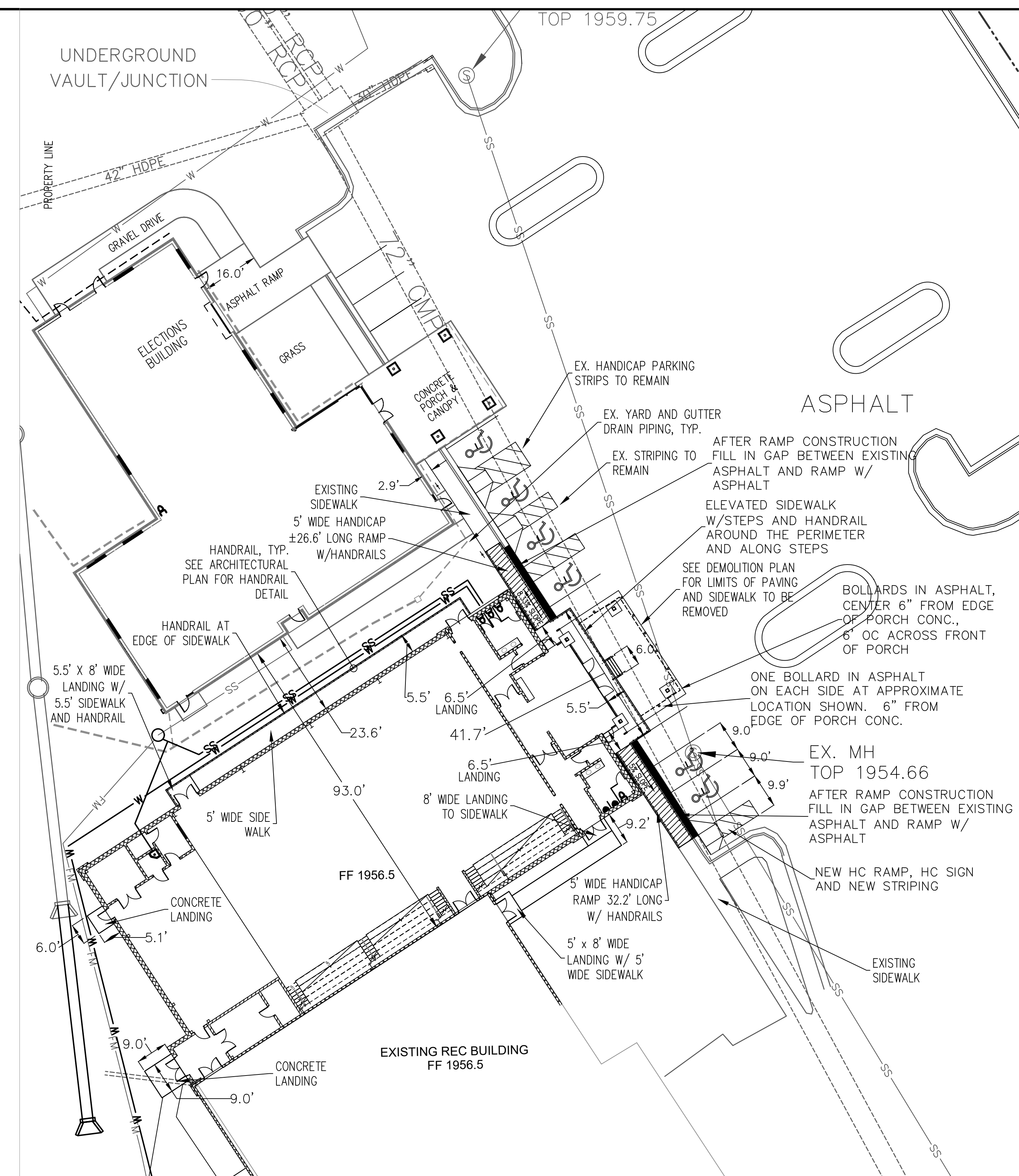
INDEX

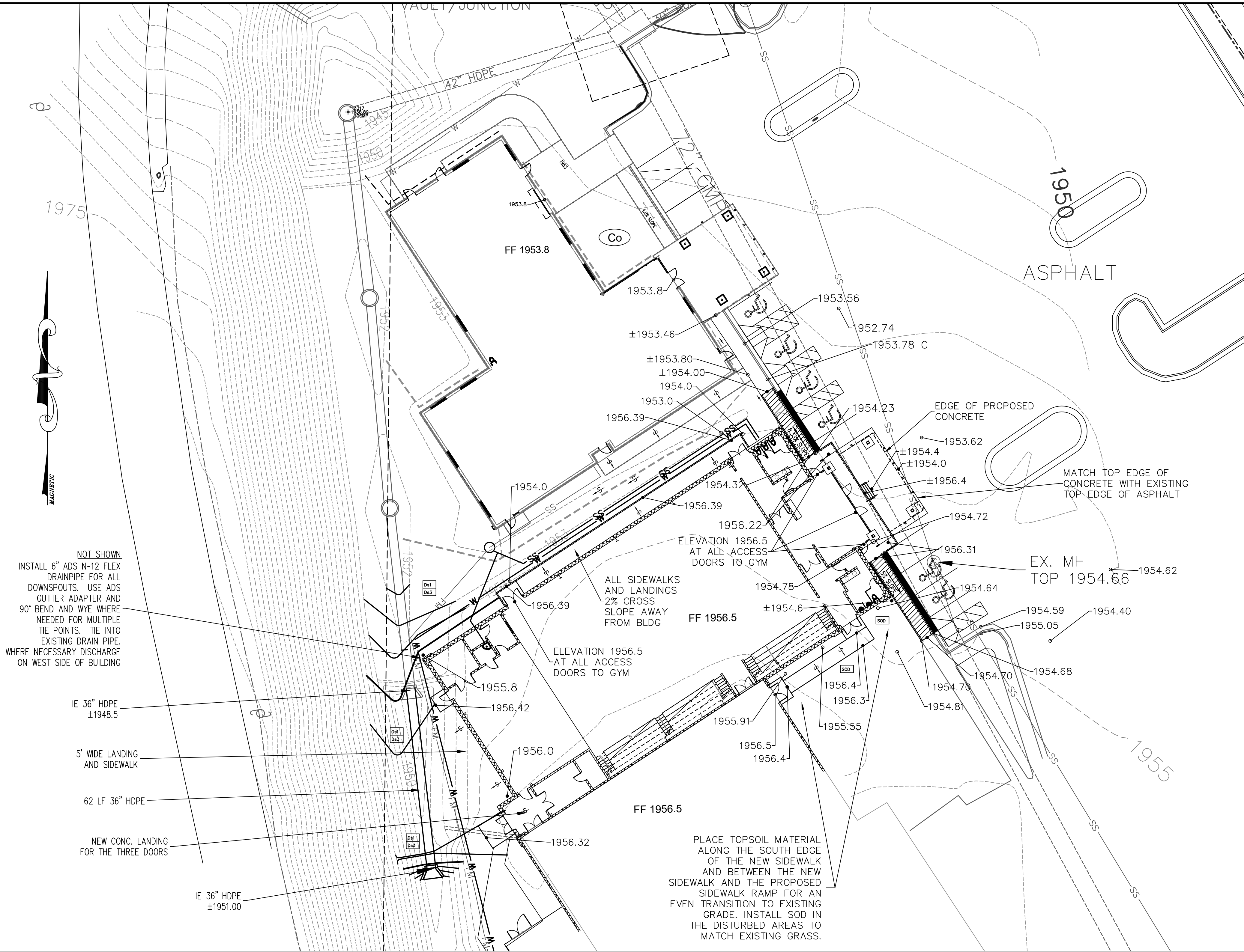
- C1 EXISTING SITE CONDITIONS AND DEMOLITION PLAN
- C2 SITE LAYOUT AND UTILITY PLAN
- C3 GRADING PLAN AND EROSION CONTROL PLAN
- D1 CONSTRUCTION DETAILS

UTILITY DISCLAIMER

IN ADDITION TO SHOWING THE STRUCTURES TO BE BUILT UNDER THIS CONTRACT, THE DRAWINGS SHOW CERTAIN INFORMATION OBTAINED BY THE ENGINEER REGARDING THE PIPES, POLE LINES, CONDUITS, AND OTHER STRUCTURES WHICH EXIST ALONG THE LINE OF THE WORK, BOTH AT AND BELOW THE SURFACE OF THE GROUND. THE ENGINEER AND THE OWNER EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION GIVEN ON THE DRAWINGS WITH REGARD TO EXISTING STRUCTURES, AND THE CONTRACTOR WILL NOT BE ENTITLED TO ANY EXTRA COMPENSATION ON ACCOUNT OF ANY INACCURACY OR INCOMPLETENESS OF SUCH INFORMATION, SAID STRUCTURES BEING INDICATED ONLY FOR THE CONVENIENCE OF THE CONTRACTOR, WHO MUST VERIFY THE INFORMATION TO HIS OWN SATISFACTION. THE GIVING OF THIS INFORMATION UPON THE CONTRACT DRAWINGS WILL NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATION TO SUPPORT AND PROTECT ALL PIPES, CONDUITS, AND OTHER STRUCTURES. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND OBSTRUCTIONS PRIOR TO EXCAVATION SO AS TO PREVENT ANY DAMAGE TO THOSE SERVICES OR OTHER UTILITIES. ANY SUCH DAMAGES MUST BE REPAIRED WITHOUT DELAY AND THE COST OF SUCH REPAIRS MUST BE BORNE BY THE CONTRACTOR.

<b>EXISTING SITE CONDITIONS AND DEMOLITION PLAN SHEET TITLE</b>		<b>DESIGN BY</b> DWB		<b>DRAWN BY</b> DWB		<b>CHECKED BY</b> DWB	
<b>DATE</b> 11/10/2022		<b>JOB NUMBER</b> 2022.52		<b>z:\projects</b>		<b>FILE LOCATION</b>	
<b>STAMP</b>		<b>11/10/2022</b>		<b>2022.52</b>		<b>C1</b>	
<b>REVISION</b>		<b>NO</b>		<b>DATE</b>		<b>DESCRIPTION</b>	
<b>1</b>		<b>4/7/2023</b>		<b>CIVIL BID SET</b>			
<b>DON BAKER ENGINEERING</b> 89 GRANDWATER DRIVE SUWANEE, GA 30024 770-403-4527							
<b>NEW GYMNASIUM FOR UNION COUNTY, GA</b>							
<b>GEORGIA 811</b> REGISTERED PROFESSIONAL ENGINEER No. 17686 3/10/2022 DONALD W. BAKER							
<b>PATH &amp; FILE:</b> F:\Projects\2022\2022.52 Union County\2022.52 Gym Building\Gym Base							





EXISTING PROPOSED

1961.68 SPOT ELEVATION 1961.68

1961.68 C CALCULATED ELEVATION FROM EX SPOT ELEVATIONS



UTILITY DISCLAIMER

IN ADDITION TO SHOWING THE STRUCTURES TO BE BUILT UNDER THIS CONTRACT, THE DRAWINGS SHOW CERTAIN INFORMATION OBTAINED BY THE ENGINEER REGARDING THE PIPES, POLE LINES, CONDUITS, AND OTHER STRUCTURES WHICH EXIST ALONG THE LINE OF THE WORK, BOTH AT AND BELOW THE SURFACE OF THE GROUND. THE ENGINEER AND THE OWNER EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION GIVEN ON THE DRAWINGS WITH REGARD TO EXISTING STRUCTURES, AND THE CONTRACTOR WILL NOT BE ENTITLED TO ANY EXTRA COMPENSATION ON ACCOUNT OF ANY INACCURACY OR INCOMPLETENESS OF SUCH INFORMATION, SAID STRUCTURES BEING INDICATED ONLY FOR THE CONVENIENCE OF THE CONTRACTOR, WHO MUST VERIFY THE INFORMATION TO HIS OWN SATISFACTION. THE GIVING OF THIS INFORMATION UPON THE CONTRACT DRAWINGS WILL NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATION TO SUPPORT AND PROTECT ALL PIPES, CONDUITS, AND OTHER STRUCTURES. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND OBSTRUCTIONS PRIOR TO EXCAVATION SO AS TO PREVENT ANY DAMAGE TO THOSE SERVICES OR OTHER UTILITIES. ANY SUCH DAMAGES MUST BE REPAIRED WITHOUT DELAY AND THE COST OF SUCH REPAIRS MUST BE BORNE BY THE CONTRACTOR.

### GRADING PLAN 1" = 20'

#### GRADING NOTES

1. CONTOUR INTERVALS ARE 1 FOOT.
2. ALL EARTHWORK OPERATIONS SHALL COMPLY WITH REQUIREMENTS OF OSHA CONSTRUCTION STANDARDS. PART 1926, SUBPART P, EXCAVATIONS, TRENCHING, AND SHORING, AND SUBPART O, MOTOR VEHICLES, MECHANIZED EQUIPMENT, AND MARINE OPERATIONS, AND SHALL BE CONDUCTED IN A MANNER ACCEPTABLE TO OWNER/ENGINEER.
3. FILL MATERIALS SHALL CONSIST OF CLEAN SOIL, FREE OF ORGANIC OR DELETERIOUS MATERIALS, ROCKS, OR BROKEN PIECES OF CONCRETE LARGER THAN THREE INCHES IN SIZE, OR OF ANY OTHER FOREIGN OBJECTS THAT COULD IMPEDE COMPACTION RESULTS.
4. FILL MATERIALS SHALL BE SPREAD EVENLY IN HORIZONTAL LAYERS OF NOT MORE THAN 8 INCHES IN LOOSE LIFTS OVER THE FULL WIDTH OF FILL AND COMPACTED TO AT LEAST 95% MAXIMUM DRY DENSITY BY STANDARD PROCTOR COMPACTION TEST ASTM D698 UNLESS OTHERWISE NOTED.
5. MAXIMUM CUT OR FILL SLOPES ARE 2H:1V.
6. GRADE TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS INTO STORM CHANNELS.

#### GENERAL PIPE INSTALLATION:

1. WATER/SEWER PIPE, STORM PIPE, AND APPURTENANCES SHALL BE INSTALLED ONLY WHEN TRENCH CONDITIONS ARE SUITABLE.
2. TRENCHES MUST BE DRY.
3. PROPER IMPLEMENTS, TOOLS, AND FACILITIES SHALL BE PROVIDED BY CONTRACTOR FOR SAFE AND CONVENIENT PERFORMANCE OF THE WORK.
4. PREVENT DAMAGE TO PIPE MATERIALS AND PROTECTIVE COATINGS AND LININGS.
5. DO NOT DROP OR DUMP PIPELINE INTO TRENCH.
6. CAREFULLY EXAMINE PIPE AND FITTINGS FOR CRACKS AND OTHER DEFECTS WHILE SUSPENDED ABOVE TRENCH IMMEDIATELY BEFORE INSTALLATION IN FINAL POSITION. DEFECTIVE PIPE OR FITTINGS SHALL BE CLEARLY MARKED AND SHALL BE REMOVED FROM SITE.
7. CLEAN BELL AND SPIGOT ENDS OF EACH PIPE THOROUGHLY BEFORE PIPE IS LAID.
8. PREVENT FOREIGN MATERIAL FROM ENTERING PIPE WHILE IT IS BEING PLACED IN LINE.

- A. PROVIDE PROTECTIVE COVERING FOR ENDS OF PIPE UNTIL CONNECTION IS MADE TO ADJACENT PIPE, IF NECESSARY.
- B. NO DEBRIS, TOOLS, CLOTHING, OR OTHER MATERIALS SHALL BE PLACED IN PIPE DURING LAYING OPERATIONS.

9. AS EACH LENGTH OF PIPE IS PLACED IN TRENCH, SPIGOT END SHALL BE CENTERED IN BELL AND PIPE FORCED HOME AND BROUGHT TO CORRECT LINE AND GRADE.

- A. PIPE SHALL BE SECURED IN PLACE WITH APPROVED BACK FILL MATERIAL TAMPED AROUND IT.
- B. PRECAUTIONS SHALL BE TAKEN TO PREVENT DIRT FROM ENTERING JOINT SPACE.

10. OPEN ENDS OF WATER/SEWER PIPE SHALL BE CLOSED BY WATERTIGHT PLUG, OR OTHER MEANS APPROVED BY OWNER, AT TIMES WHEN PIPE LAYING IS NOT IN PROGRESS. IF WATER IS IN TRENCH, PLUG SHALL REMAIN IN PLACE UNTIL TRENCH IS PUMPED COMPLETELY DRY. WATER SHALL NOT BE ALLOWED TO RUN INTO PIPE AT ANY TIME DURING CONSTRUCTION.

11. LAY PIPE WITH BELL ENDS FACING IN DIRECTION OF LAYING, UNLESS DIRECTED OTHERWISE BY OWNER.

12. FOR 6" SERVICE LATERAL INSTALLATION, CLEANOUTS SHALL BE INSTALLED AT ALL BENDS.

#### STORM PIPE

1. STORM PIPE FOR THIS PROJECT SHALL BE N12 HDPE WATERTIGHT SOLID DUAL WALL PIPE.
2. PIPE SHALL BE INSTALLED IN ACCORDANCE WITH "CORRUGATED PLASTIC PIPE STORM INSTALLATION GUIDE" PUBLISHED BY ADS. SEE SHEET D1 FOR BACKFILL REQUIREMENTS OF HDPE PIPE.

#### WATER SYSTEM

1. CONTACT CITY OF BLAIRSVILLE UTILITY DEPARTMENT FOR SERVICE CONNECTION.
2. CONTRACTOR TO ENLARGE 3/4" WATER LINE JUST OUTSIDE OF WATER METER TO 1" DIAMETER. PIPE TO BUILDING SHALL BE 1" DIAMETER SDR 18 PVC (200 PSI) OR SDR 9 PC 200 HDPE AND INSTALLED BY CONTRACTOR.
3. DETECTOR TAPE SHALL BE INSTALLED A MINIMUM OF ONE (1) FOOT OVER WATER LINE.

#### GRASSING NOTES

##### MULCHING

ALL SLOPED AREAS TO BE MULCHED AND TEMPORARILY GRASSED WITH 2 1/2 TONS PER ACRE OF DRY STRAW.

##### TEMPORARY GRASSING

TEMPORARY GRASSING SHALL CONSIST OF SOWING A QUICK GRASS SUCH AS RYE GRASS, BROWN TOP MILLET, OR A GRASS SUITABLE TO THE AREA AND SEASON. FERTILIZER AND LIME SHALL BE UNIFORMLY MIXED INTO THE GROUND-FERTILIZER AT A RATE OF 500#/AC. AND LIME AT 2000#/ACRE. FERTILIZER MIXED GRADE SHALL BE 10-10-10. MULCH IS NOT REQUIRED BUT SHOULD BE USED AS DICTATED BY EXISTING SITE CONDITIONS.

SPECIES	RATE	PLANTING DATE
RYE GRASS-ANNUAL	40-50#/AC.	AUGUST THRU MID-APRIL
BROWNTOP MILLET	30-40#/AC.	APRIL THRU MID-JULY
RYE	160-170#/AC.	MID-AUGUST THRU DECEMBER

##### PERMANENT GRASSING:

PERMANENT GRASSING SHALL CONSIST OF GROUND PREPARATION, LIMING AND FERTILIZATION, SEEDING, AND MULCHING.

THE GROUND SHALL BE PREPARED BY PLOWING AND DISKING NOT LESS THAN 4". FERTILIZER AND LIME SHALL BE UNIFORMLY MIXED INTO THE GROUND - FERTILIZER AT A RATE OF 1500#/AC. AND LIME AT 2000#/AC. THE GROUND SHALL BE FINISHED OFF SMOOTH AND UNIFORM BEING FREE OF ROCKS, CLODS, ROOTS, ETC. FERTILIZER MIXED GRADE SHALL BE EITHER 4-12-12; 6-12-12 OR 5-10-15. SEEDING SHALL BE DONE WITHIN 24 HOURS OF THE FERTILIZER APPLICATION, WEATHER PERMITTING. SEED SHALL BE UNIFORMLY SPREAD AT THE RATE SHOWN BELOW. MULCHING IS REQUIRED AND SHALL BE DONE IMMEDIATELY AFTER SEEDING. MULCH SHALL BE UNIFORMLY APPLIED OVER THE AREA LEAVING APPROXIMATELY 25% OF THE GROUND SURFACE EXPOSED. THE RATE OF APPLICATION SHALL BE DOUBLED ON SIDE SLOPES 4:1 AND STEEPER.

SPECIES	RATE	PLANTING DATE
TALL FESCUE	50#/AC.	AUGUST THRU OCTOBER
COMMON BERMUDA (HULLED)	10#/AC.	MARCH THRU JUNE
COMMON BERMUDA (UNHULLED)	10#/AC.	OCTOBER THRU FEBRUARY
WEEPING LOVEGRASS	4#/AC.	MARCH THRU JUNE

##### SOD

SOD TO BE PLACED ON RACKED OUT AREA TO THE LIMITS OF DISTURBANCE. TYPE OF SOD TO MATCH EXISTING GRASSING.

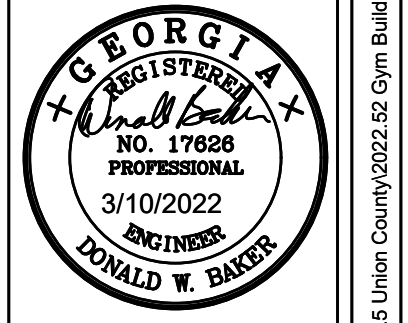
DON BAKER ENGINEERING, LLC  
2020  
THIS DRAWING IS THE PROPERTY OF DON BAKER ENGINEERING, LLC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE, REPRODUCTION, OR MODIFICATION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF DON BAKER ENGINEERING, LLC IS STRICTLY PROHIBITED.

DATE	NO	DESCRIPTION
4/7/2023	1	CIVIL BID SET

DON BAKER ENGINEERING  
89 GRANDWATER DRIVE  
SUWANEE, GA 30024  
770-403-4527

NEW GYMNASIUM  
FOR  
UNION COUNTY, GA

GRADING PLAN  
AND EROSION  
CONTROL PLAN  
SHEET TITLE  
DESIGN BY  
DRAWN BY  
CHECKED BY  
DWB  
DWB  
DWB



#### STAMP

11/10/2022  
DATE  
2022.52  
JOB NUMBER  
z:\projects  
FILE LOCATION

C3

REVISION

SHEET

PATH & FILE: F:\Projects\2022\2022.52 Gym Building\Gym Base

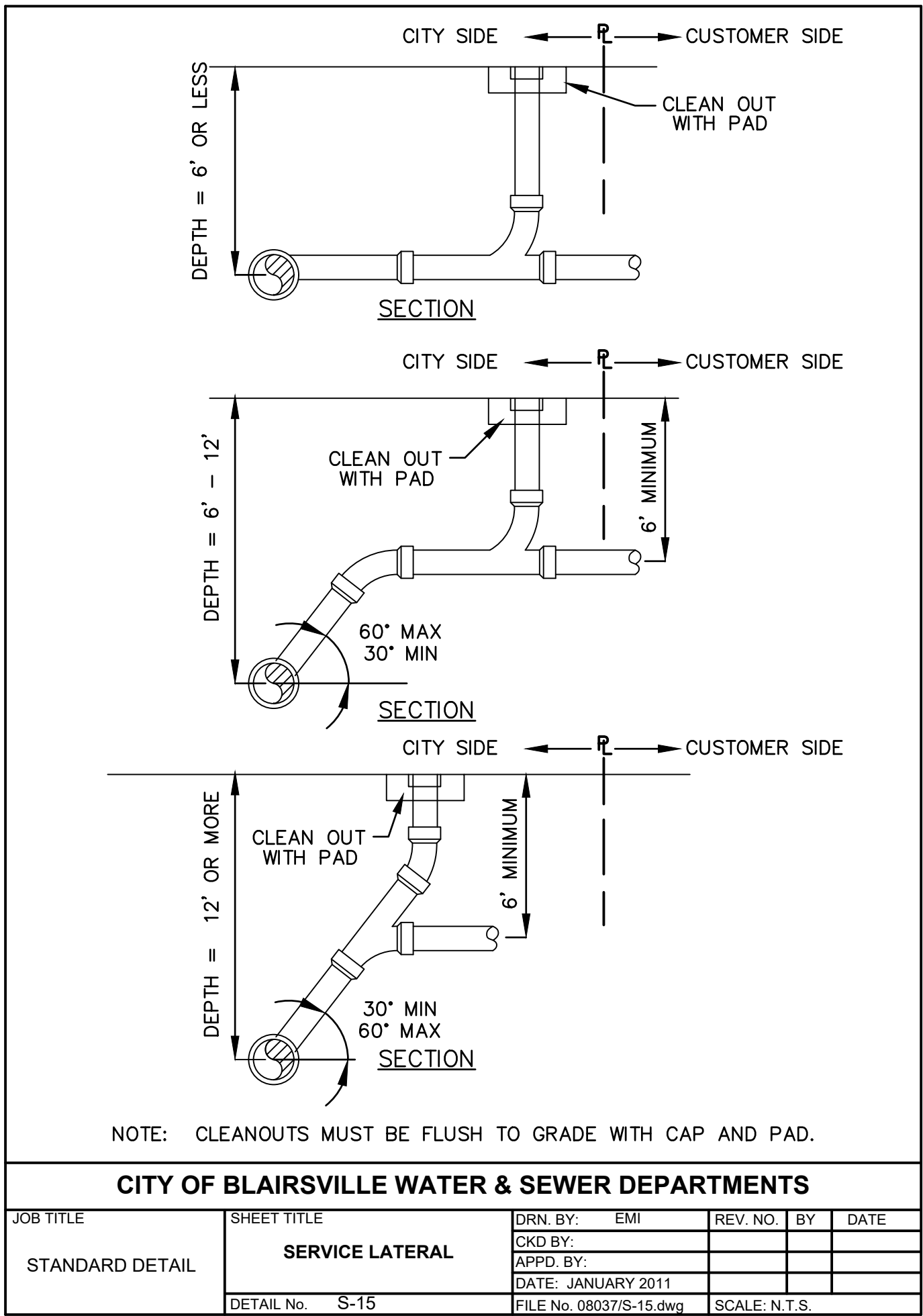
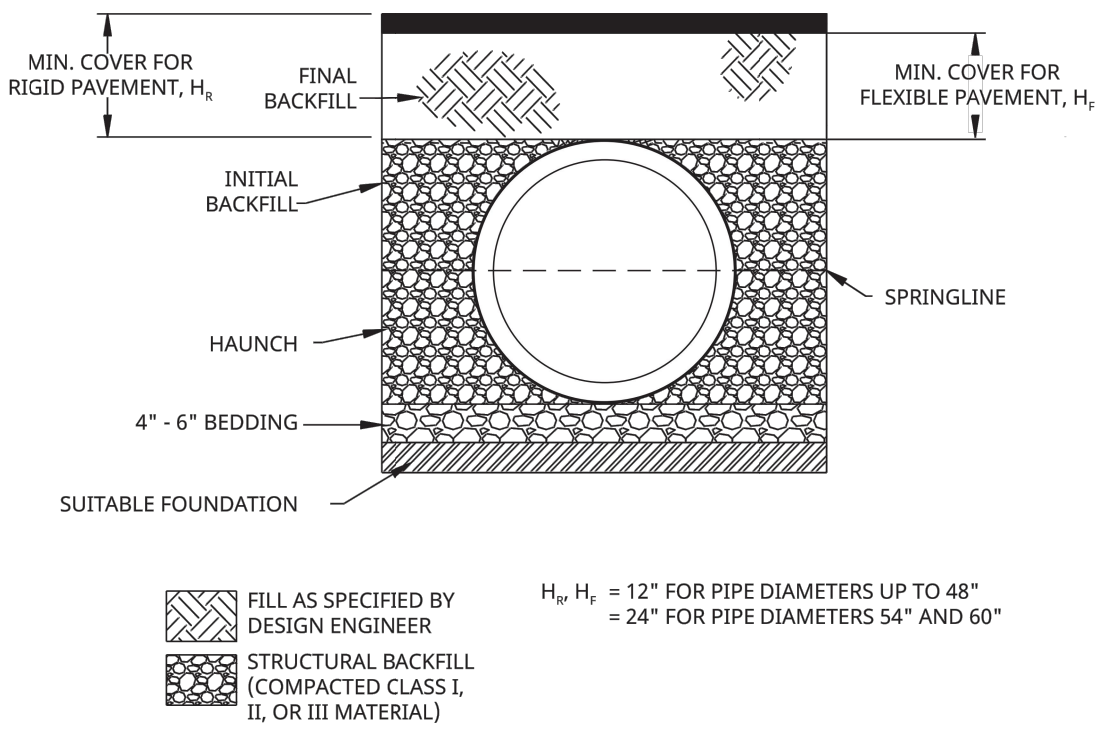


Table 4: Acceptable Backfill Material and Compaction Requirements

Description	Soil Classification			Minimum Standard Proctor Density %
	ASTM D2321	ASTM D2487	AASHTO M43	
Graded or crushed, crushed stone, gravel	Class I	-	5 56	Dumped
Well-graded sand, gravels and gravel/sand mixtures; poorly graded sand, gravels and gravel/sand mixtures; little or no fines	Class II	GW GP SW SP	57 6	85%
Silty or clayey gravels, gravel/sand/silt or gravel and clay mixtures; silty or clayey sands, sand/clay or sand/silt mixtures	Class III	GM GC SM SC	Gravel and sand (<10% fines)	90%

\* Layer heights should not exceed 1/2 the pipe diameter. Layer heights may also need to be reduced to accommodate compaction method.

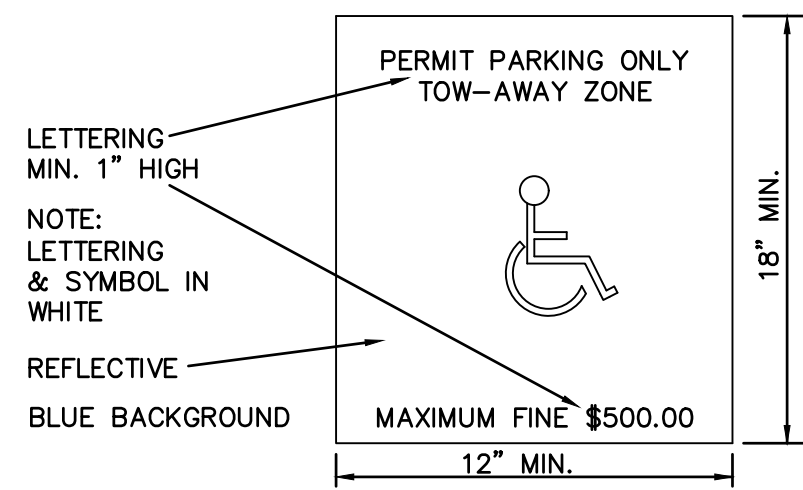
25



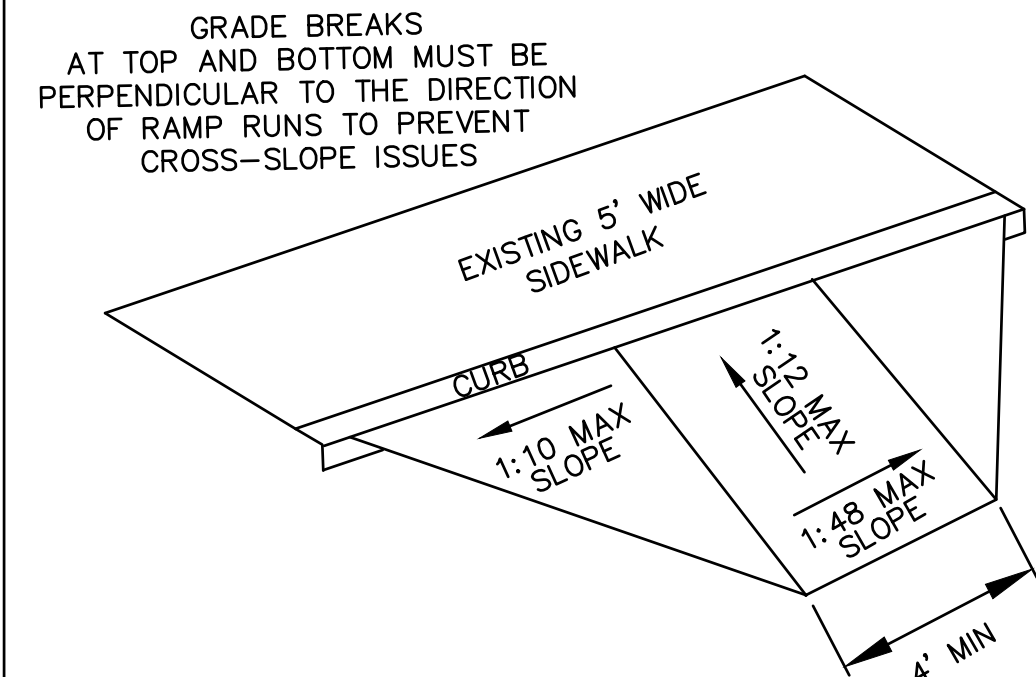
HDPE PIPE BACKFILL MATERIALS

"Handicapped parking place" means any area on public or private property which has been designated as reserved for use of handicapped persons as follows:

(A) By a blue metal reflective sign which is at least 12 inches in width and 18 inches in length and is erected at such height or in such a manner that it will not be obscured by a vehicle parked in the space and bearing the following words: "Permit Parking Only", "Tow-Away Zone" and "Maximum Fine \$500.00. The warnings required in this subparagraph shall be printed in white letters not less than one inch in height on three separate lines and centered on the sign. The sign shall also bear the international symbol for accessibility centered between the second and third warnings. The sign required by this subparagraph shall be the official authorized sign for handicapped parking place designation in the state.



HANDICAP SIGN



HANDICAP RAMP AT SIDEWALK

© 2020 DON BAKER ENGINEERING, LLC  
ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM DON BAKER ENGINEERING, LLC.  
THIS DOCUMENT IS THE PROPERTY OF DON BAKER ENGINEERING, LLC. IT IS TO BE USED FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM DON BAKER ENGINEERING, LLC.

DATE	NO	DESCRIPTION
4/7/2023	1	CIVIL BID SET

**DON BAKER ENGINEERING**  
89 GRANDWATER DRIVE  
SUWANEE, GA 30024  
770-403-4527

**NEW GYMNASIUM FOR UNION COUNTY, GA**

**CONSTRUCTION DETAILS SHEET TITLE**  
DESIGN BY: DWB  
DRAWN BY: DWB  
CHECKED BY: DWB

**GEORGIA REGISTERED PROFESSIONAL ENGINEER**  
No. 17688  
3/10/2022  
DONALD W. BAKER

**STAMP**

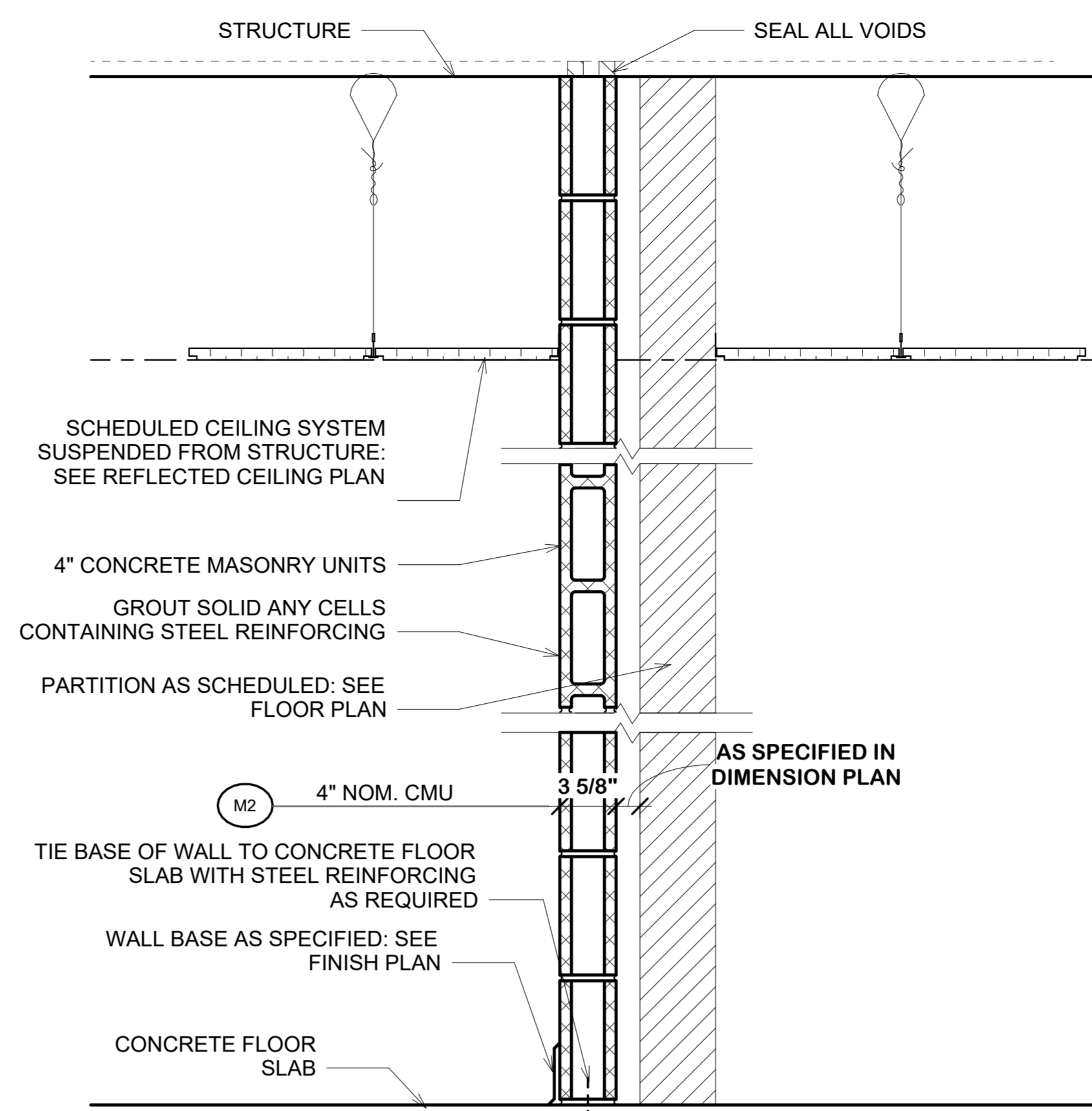
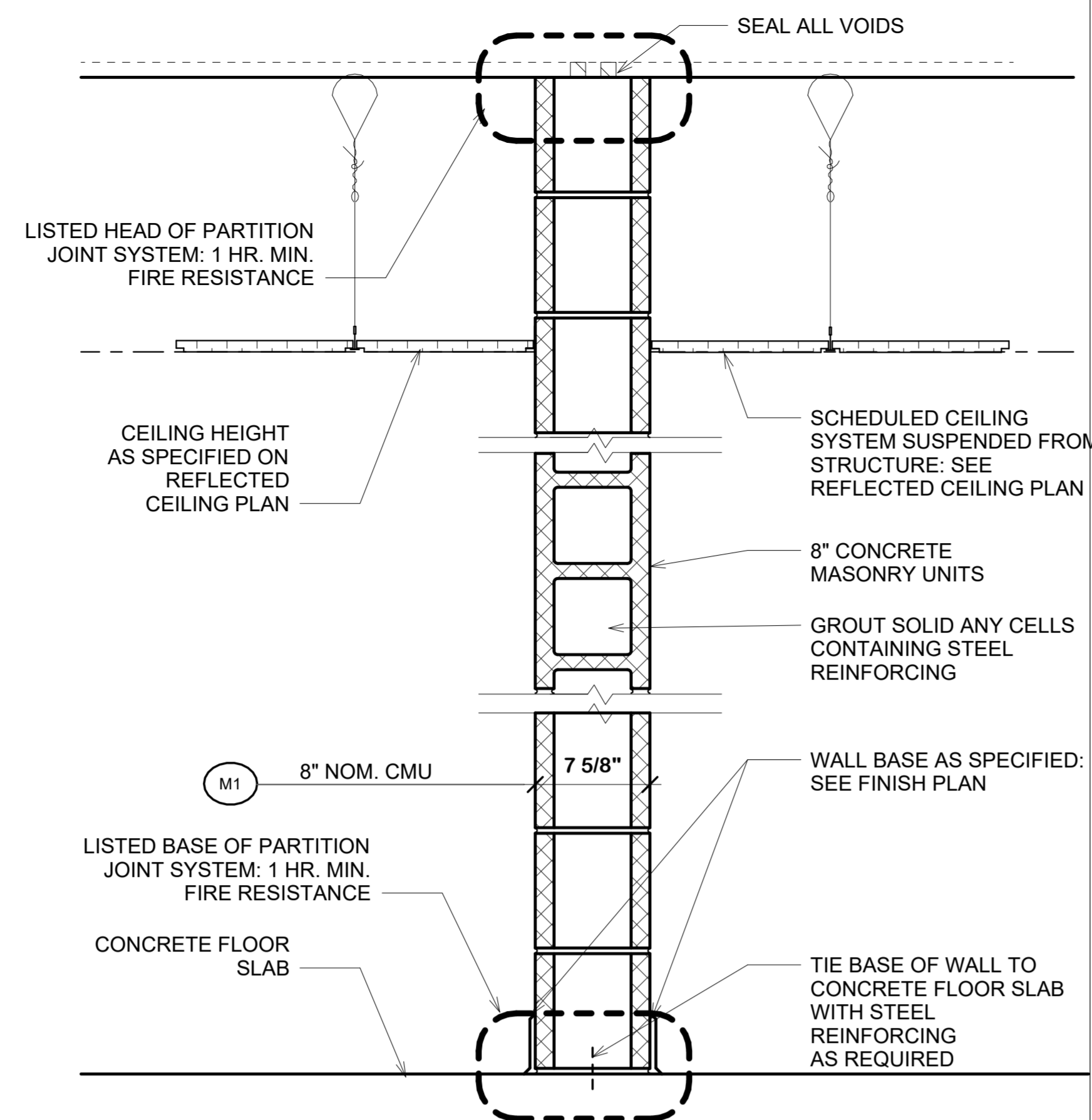
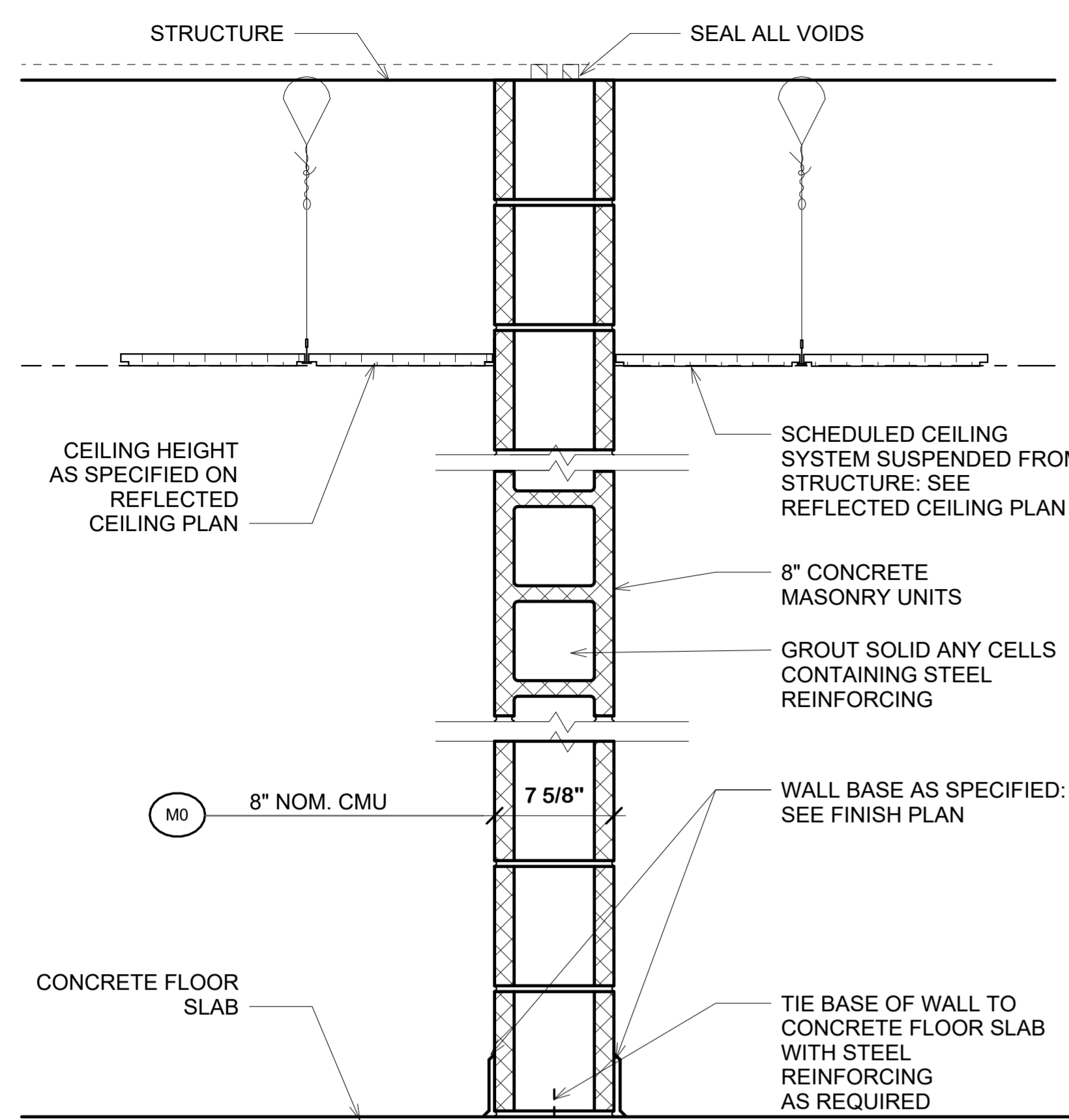
11/10/2022 DATE  
2022.52 JOB NUMBER  
z:\projects FILE LOCATION

**D1**

**SHEET**

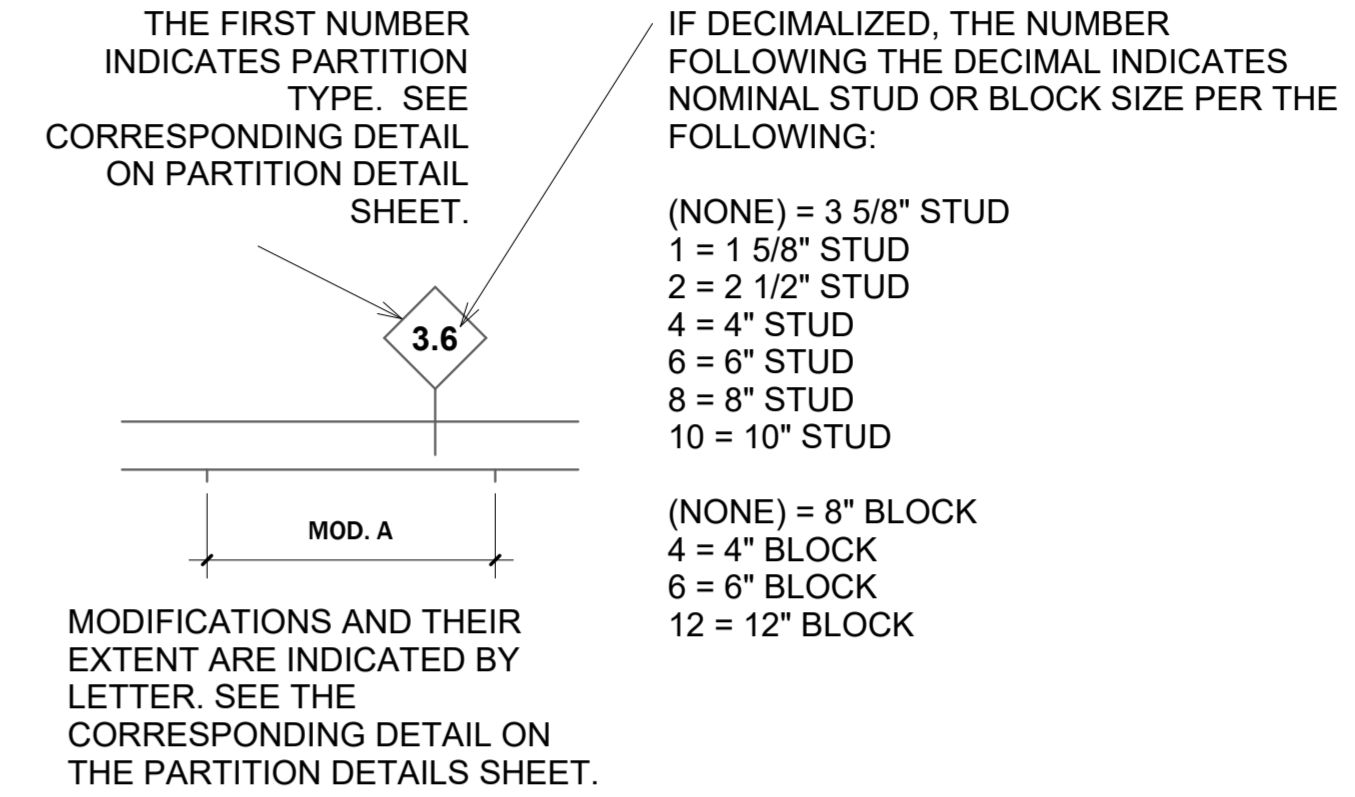
PATH & FILE: F:\Projects\2022\2022.52 Gym Building\Gym Base

**REVISION**

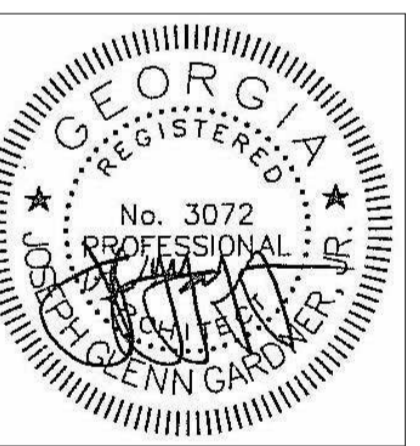


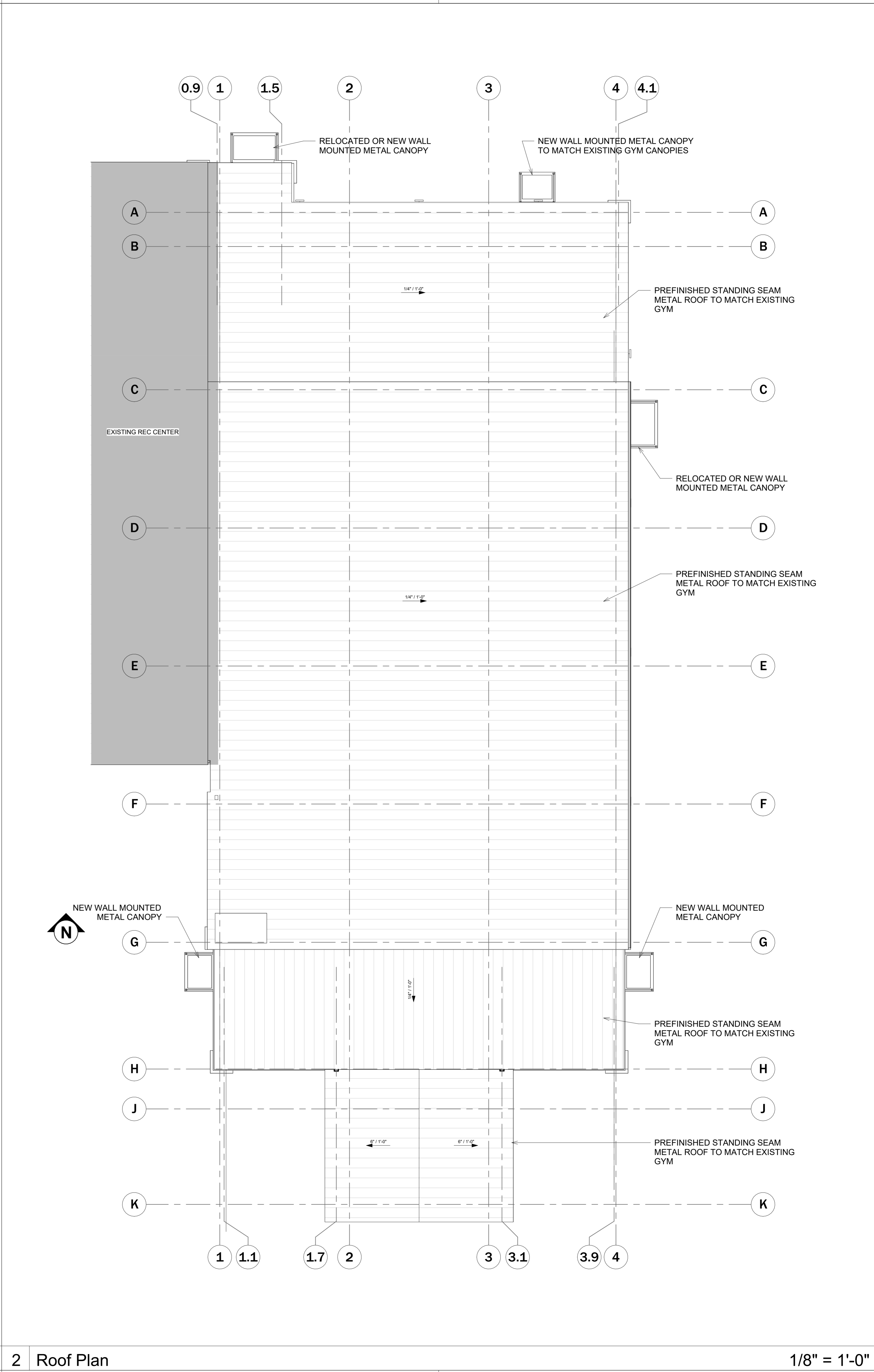
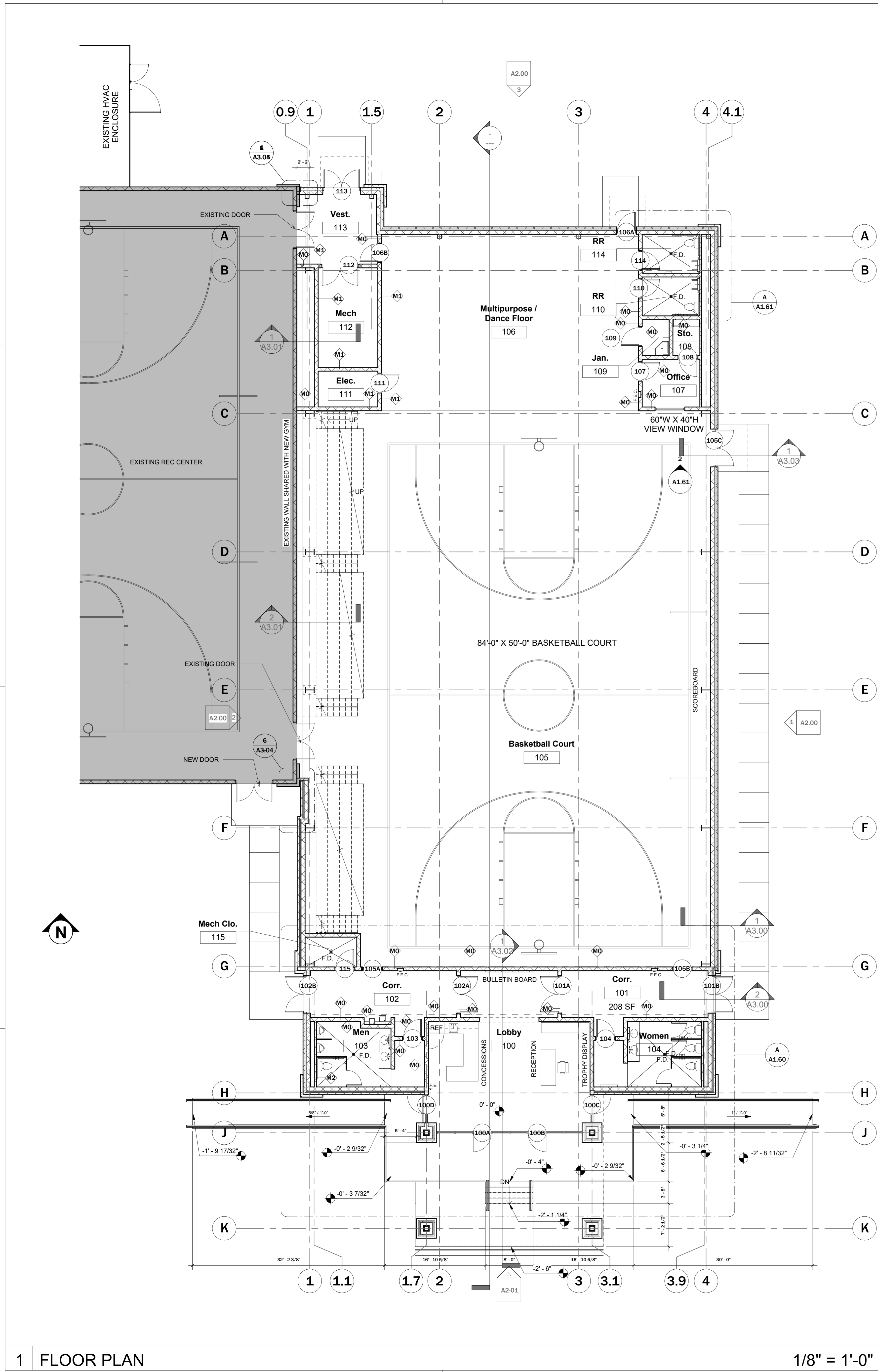
GENERAL NOTES:

1. CONTRACTOR SHALL PERMANENTLY IDENTIFY ALL FIRE RESISTANCE RATED WALLS (AND CORRESPONDING FIRE RESISTANCE RATING) INCLUDING FIRE BARRIER WALLS, SMOKE BARRIER WALLS, FIRE PARTITIONS, FIRE WALLS, AN SHAFT ENCLOSURES BY INSTALLING SIGNS OR BY STENCILING IN CONCEALED SPACES THE FOLLOWING:  
  
1 & 2 HOUR FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS.  
  
IDENTIFICATION SHALL BE SPACED NO MORE THAN TWELVE (12) FEET ON CENTER WITH A MINIMUM LETTER SIZE OF TWO (2) INCHES IN HEIGHT ON A CONTRASTING BACKGROUND.
2. EXTEND AND ANCHOR ALL STUD FRAMING TO STRUCTURE ABOVE UNLESS OTHERWISE NOTED.
3. MAINTAIN HORIZONTAL CONTINUITY OF FIRE RATED FLOOR-CEILING AND ROOF-CEILING FIRE RATED ASSEMBLIES OVER TOP OF PARTITIONS, TYPICAL.
4. WHERE NO CEILING IS SCHEDULED, EXTEND GYPSUM WALL BOARD TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE.
5. WHEN PIPING IS PRESENT IN THE PARTITION, STALL 3" BATT INSULATION ON BOTH SIDES OF THE PIPING.



- GENERAL NOTES, SOUND ISOLATION PARTITIONS:
1. ALL PARTITIONS DESIGNATED AS SOUND ISOLATION PARTITIONS SHALL RECEIVE ACOUSTICAL SEALANT FOR THE ENTIRE PERIMETER OF THE PARTITION, INCLUDING TOP, SIDES, AND CORNERS UNLESS SIMILARLY SEALED FOR OTHER REASONS, SUCH AS FIRE RESISTANCE.
  2. ALL PARTITIONS DESIGNATED ASA SOUND ISOLATION PARTITIONS SHALL RECEIVE ACOUSTICAL SEALANT AT ALL PENETRATIONS WHICH ARE NOT OTHERWISE SEALED AIR TIGHT.
  3. WHERE BATT INSULATION IS SCHEDULED IN A PARTITION, THE THICKNESS OF THE BATTS SHALL BE THE LARGEST STANDARD THICKNESS THAT CAN BE CONTAINED WITHIN THE DEPTH OF THE SCHEDULED STUD CAVITY.
  4. WHERE BATT INSULATION IS SCHEDULED IN A SOUND ISOLATION PARTITION, CUT BATTS 1" WIDER THAN STUD SPACING AND CREASE TO FIT IN CAVITY, TYPICALLY.
- GENERAL NOTES, WET LOCATION PARTITIONS:
1. GYPSUM WALLBOARD IN ROOMS SUBJECT TO MOISTURE ACCUMULATION SUCH AS TOILETS, SHOWERS, JANITORS CLOSETS, ETC. SHALL BE MOISTURE RESISTANT TYPE.
  2. USE CEMENTITIOUS TILE BACKER BOARD ON ALL INTERIOR PARTITIONS THAT ARE TO RECEIVE WALL TILE.





New  
Gymnasium for  
Union County

519 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

NOT RELEASED FOR CONSTRUCTION

Revisions		
No.	Date	Description
1	04/10/23	Issued for Bid

Georgia  
REGISTERED  
No. 3072  
Professional Seal  
Gardner Spencer Smith & Jarbeau  
Architects, P.C.

Gardner  
Spencer  
Smith &  
Jarbeau

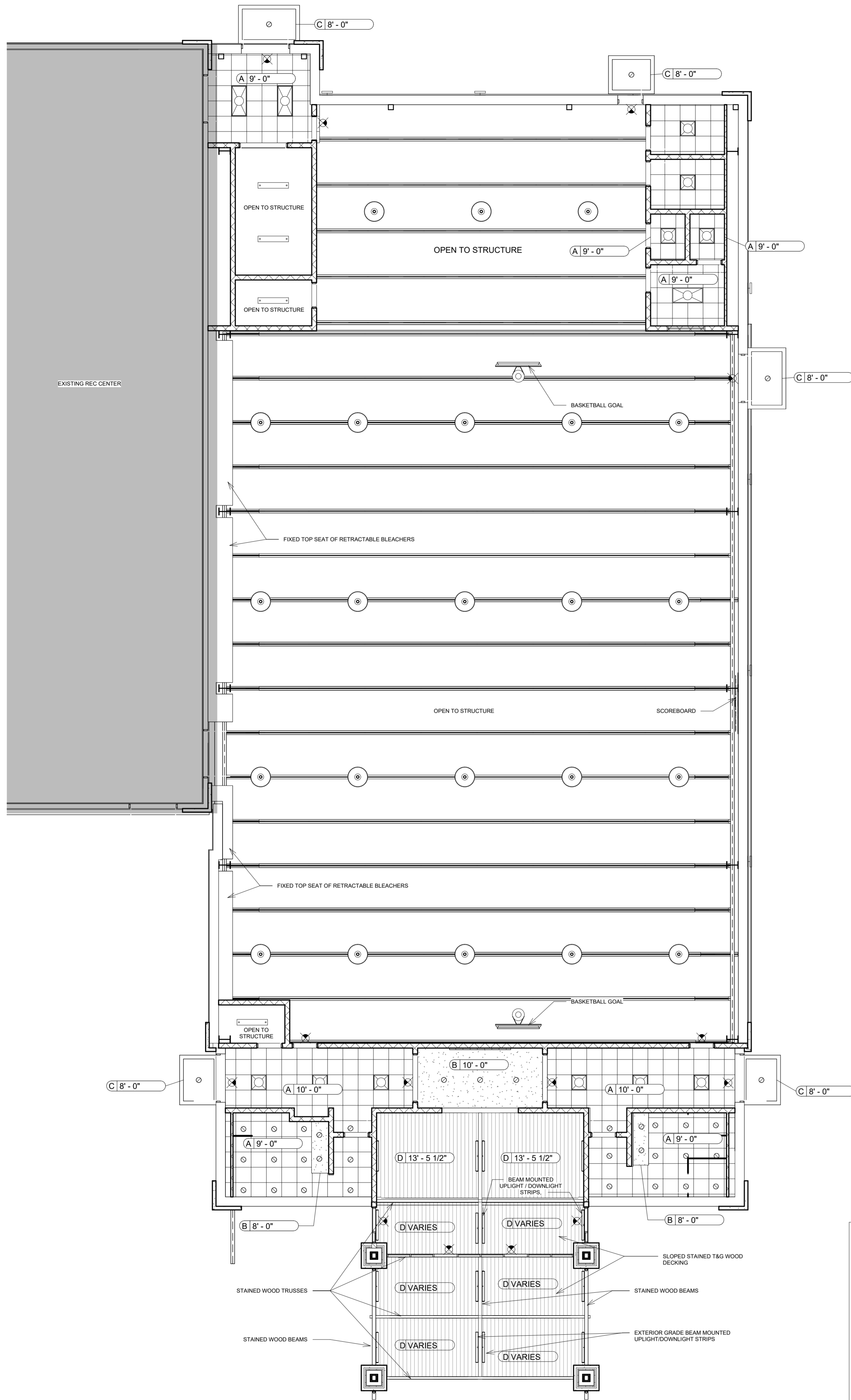
A Professional Corporation  
for the Practice of Architecture  
www.gsstj.com

Tower Place  
3340 Peachtree Road,  
N.E.  
Suite 1800  
Atlanta, Georgia 30326  
404.522.8805  
404.521.2118 (F)

PROJECT  
NO. 22102

SHEET  
TITLE Floor Plan - Gym

SHEET  
NO. A1.10

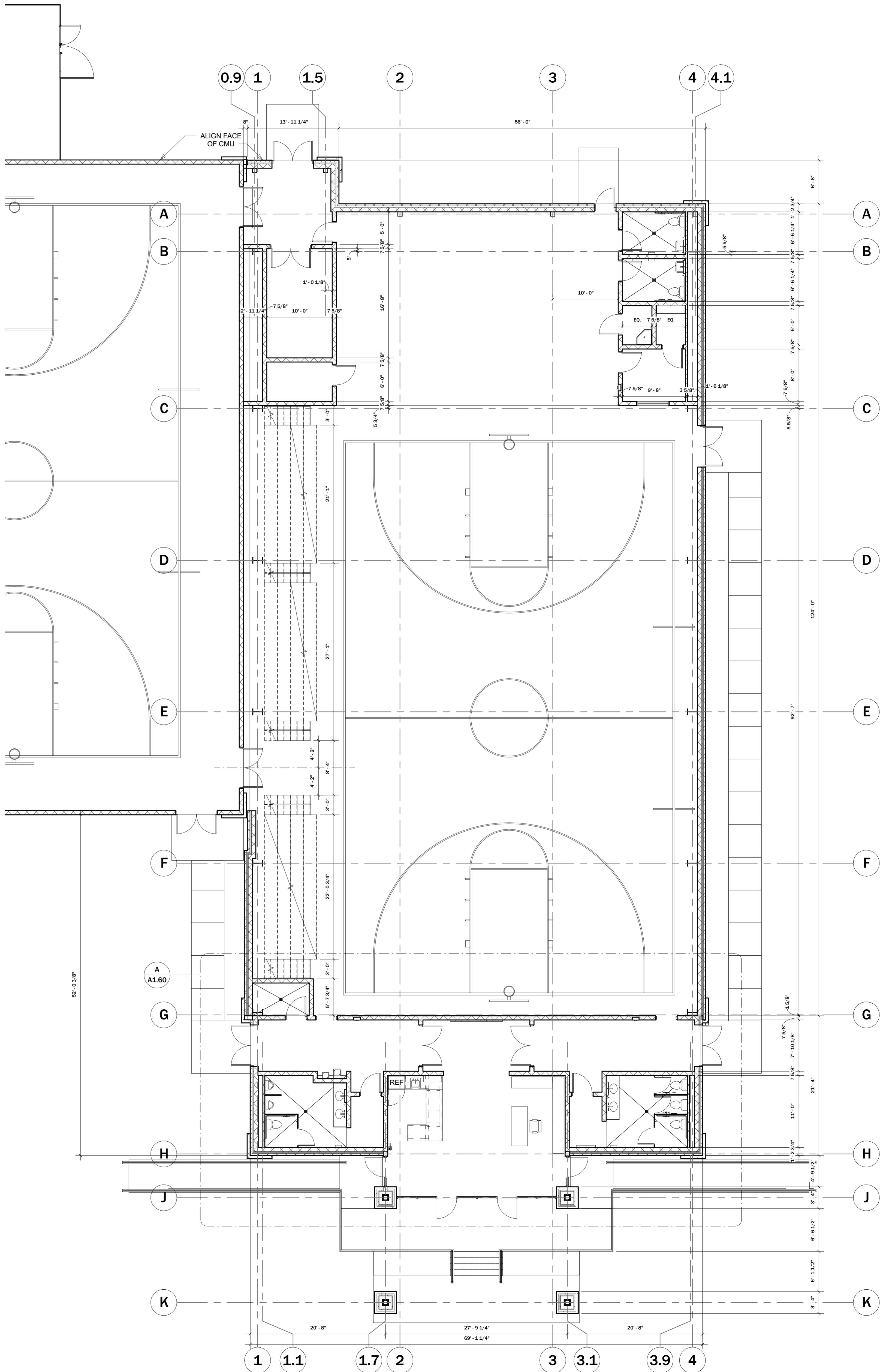


**CEILING LEGEND**

- RECESSED INTERIOR GRADE DOWNLIGHT
- RECESSED EXTERIOR GRADE DOWNLIGHT
- 2' X 2' RECESSED TROFFER
- 2' X 4' RECESSED TROFFER
- HIGH BAY LIGHT FIXTURES SUSPENDED FROM STRUCTURE
- EXTERIOR GRADE WALL PACK
- EXTERIOR GRADE WALL SCONCE
- SINGLE FACE EXIT SIGN

**CEILING TYPES:**

- A = 2' X 2' ACOUSTICAL CEILING GRID AND TILE
- B = GYPSUM BOARD CEILING
- C = METAL CANOPY CEILING
- D = STAINED WOOD TONGUE IN GROOVE DECKING

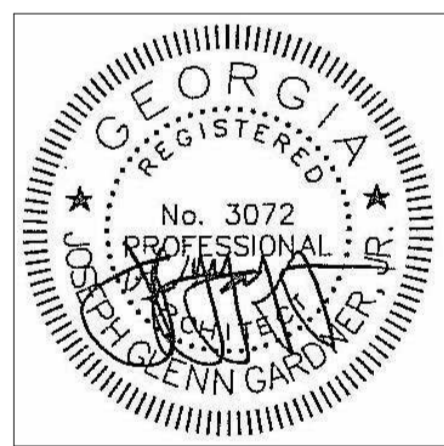


New  
Gymnasium for  
Union County

519 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

NOT RELEASED FOR CONSTRUCTION

Revisions		
No.	Date	Description
	04/10/23	Issued for Bid



Gardner  
Spencer  
Smith &  
Tench &  
Jarbeau

A Professional Corporation  
for the Practice of Architecture  
www.gsstj.com

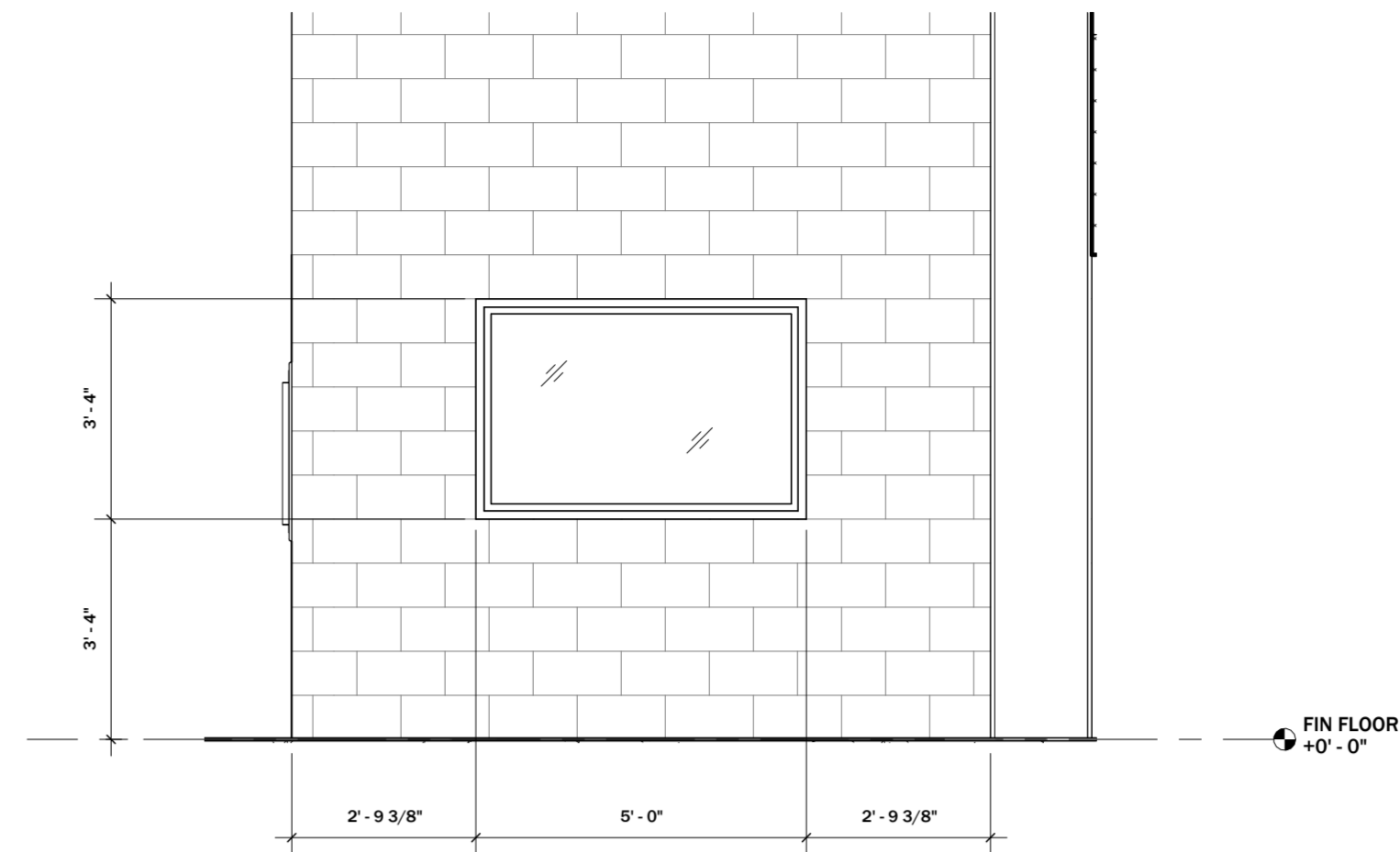
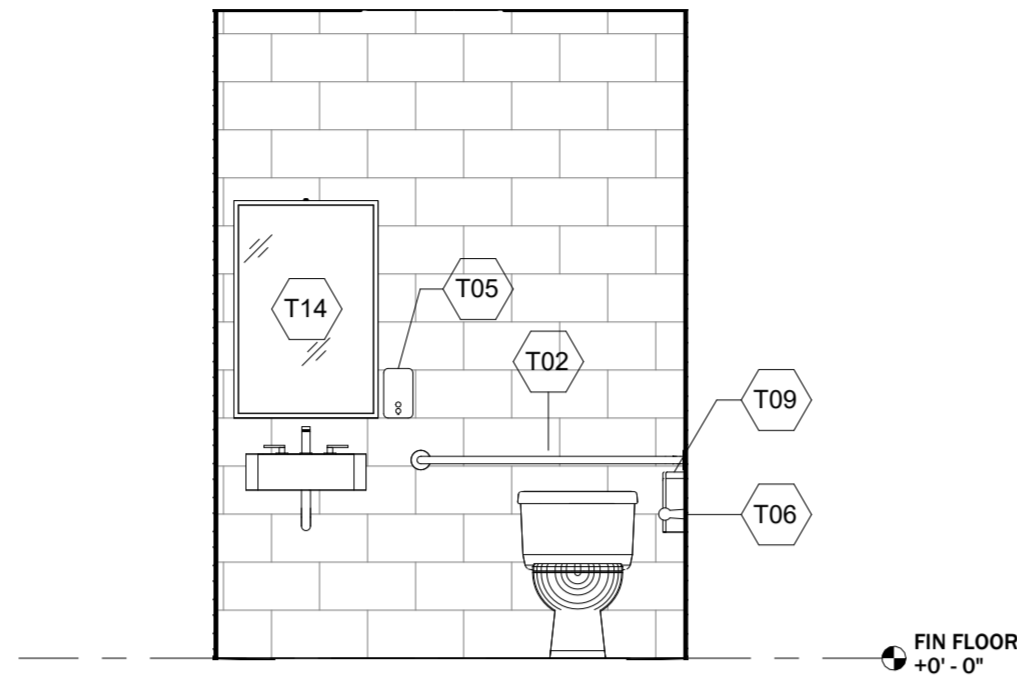
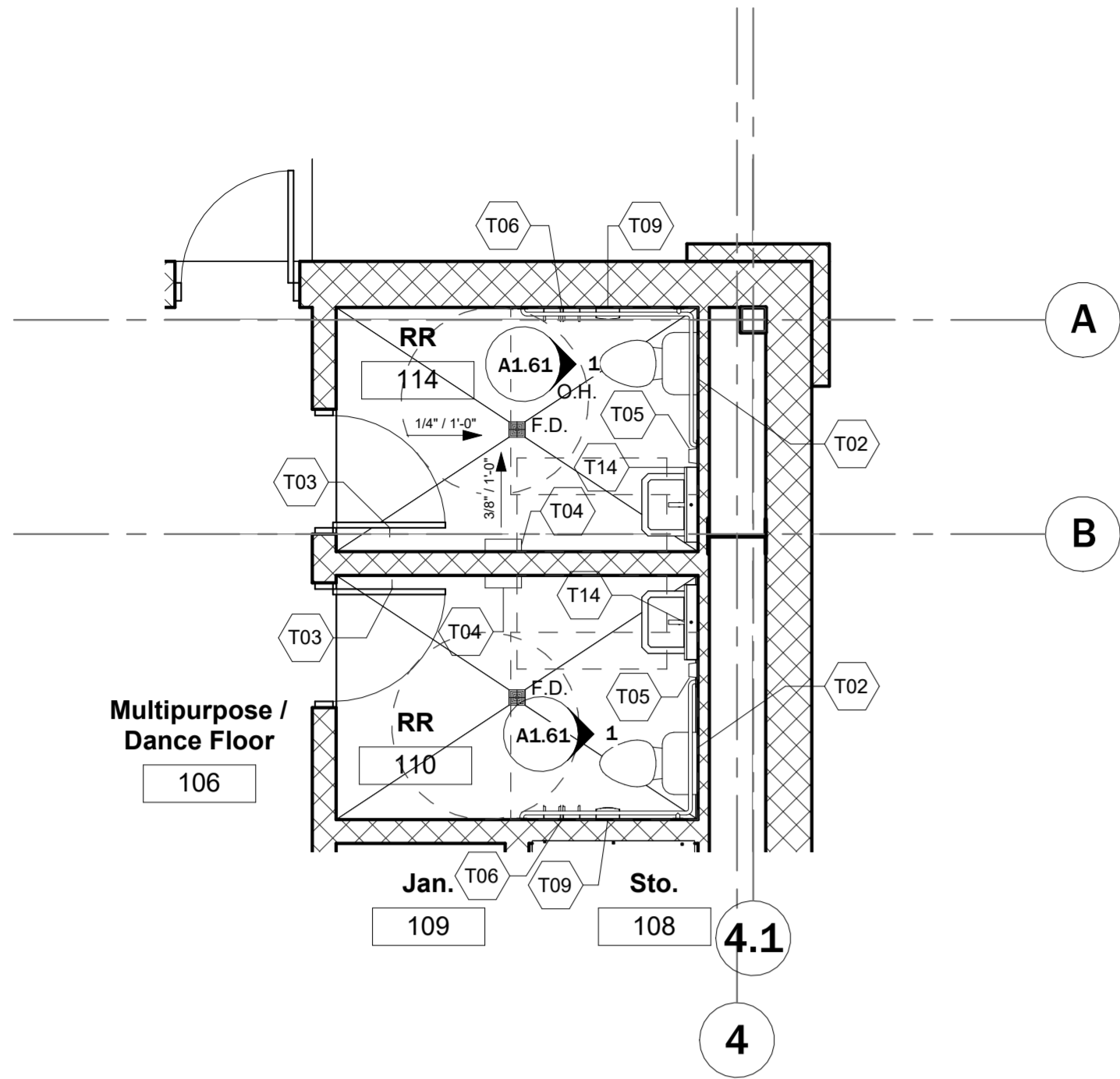
Tower Place  
3340 Peachtree Road,  
N.E.  
Suite 1800  
Atlanta, Georgia 30326  
404.522.8805  
404.521.2118 (F)

PROJECT  
NO. 22102

SHEET  
TITLE  
Reflected Ceiling &  
Dimension Plan

SHEET  
NO. A1.31



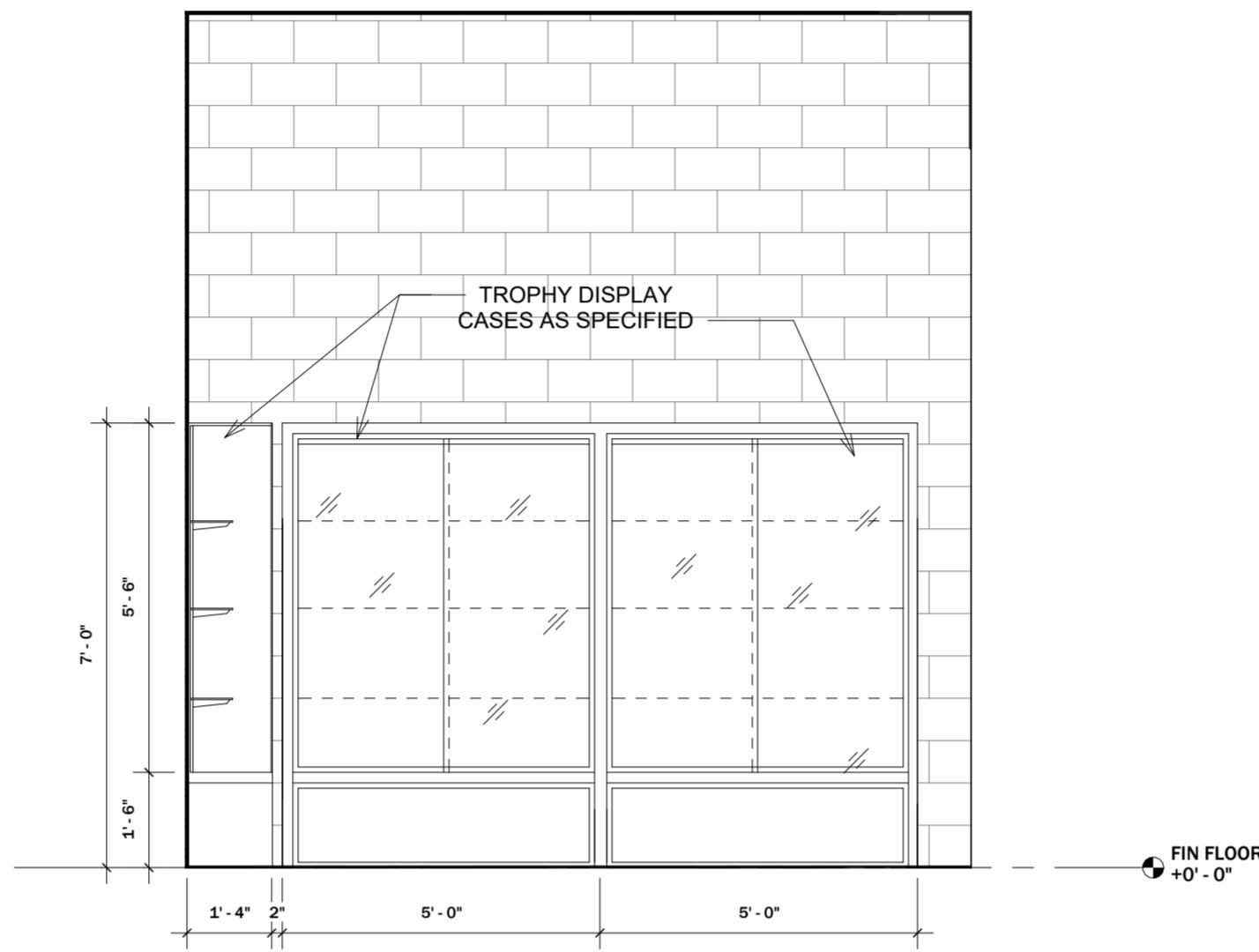


1 Restroom 110 Elev

3/8" = 1'-0"

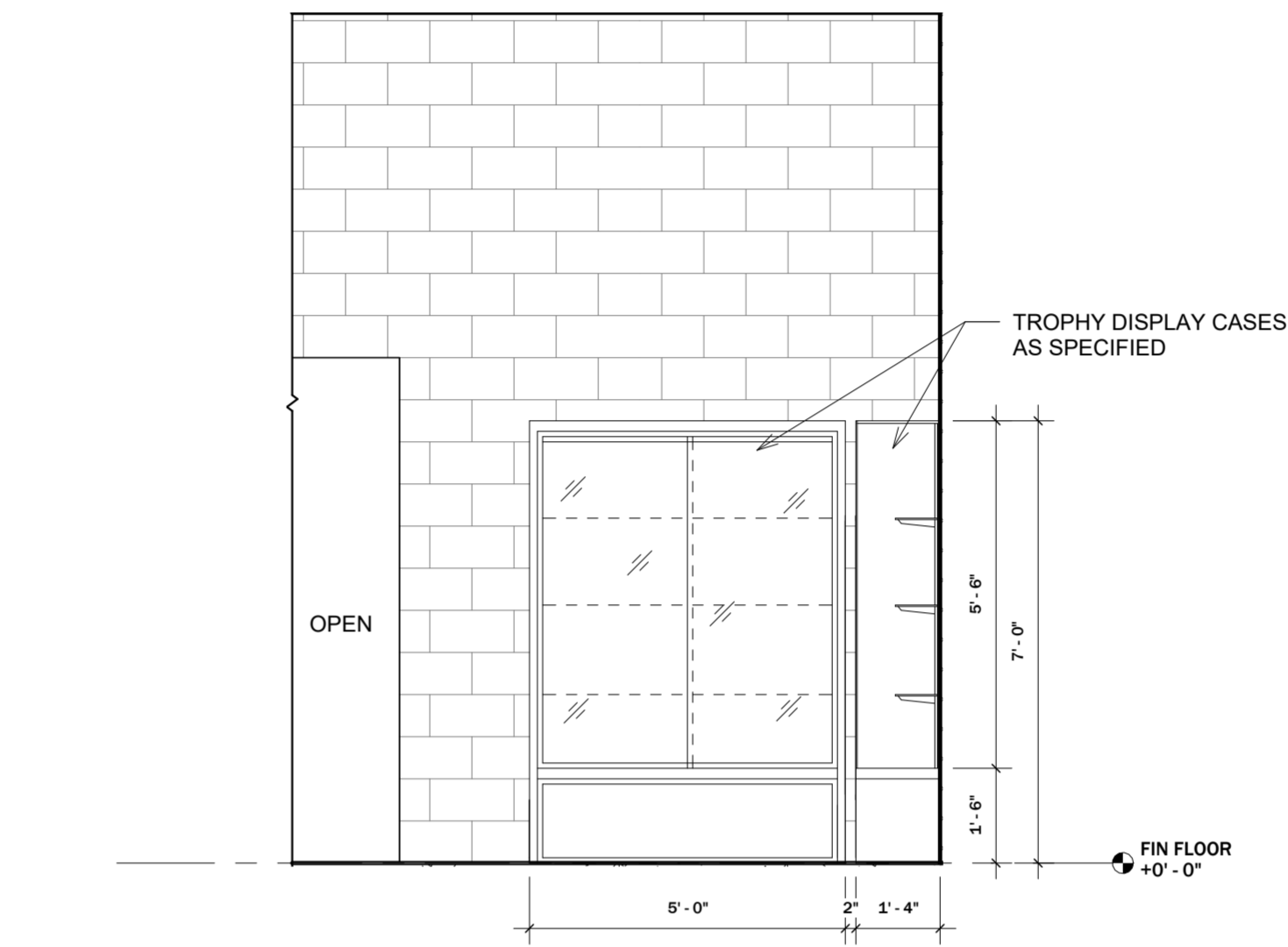
2 Office 107 View Window Elev

3/8" = 1'-0"



3 Reception Elev 1

3/8" = 1'-0"



4 Reception Elev 2

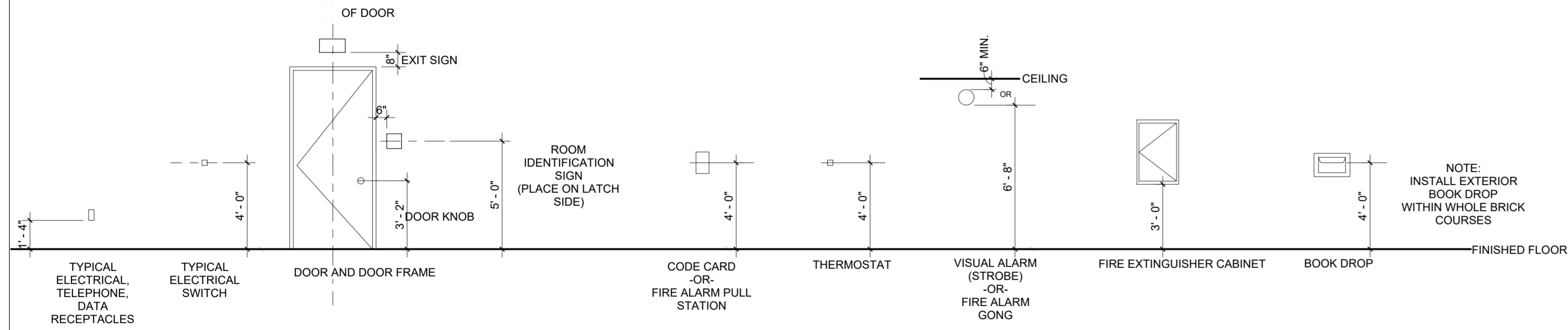
3/8" = 1'-0"

A Enlg Plan - Restrooms 110 & 114

1/4" = 1'-0"

TYPICAL MOUNTING HEIGHTS

(SEE A0.1 FOR TOILET ACCESSORY MOUNTING HEIGHTS)



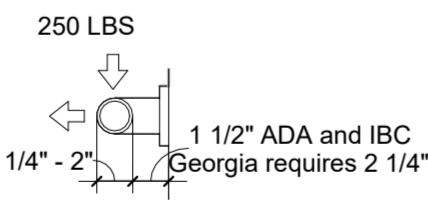
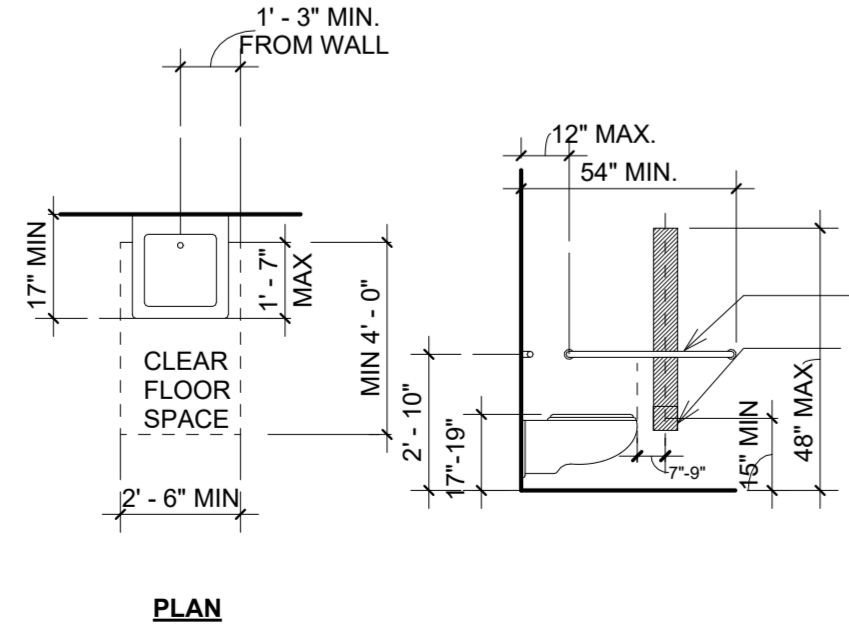
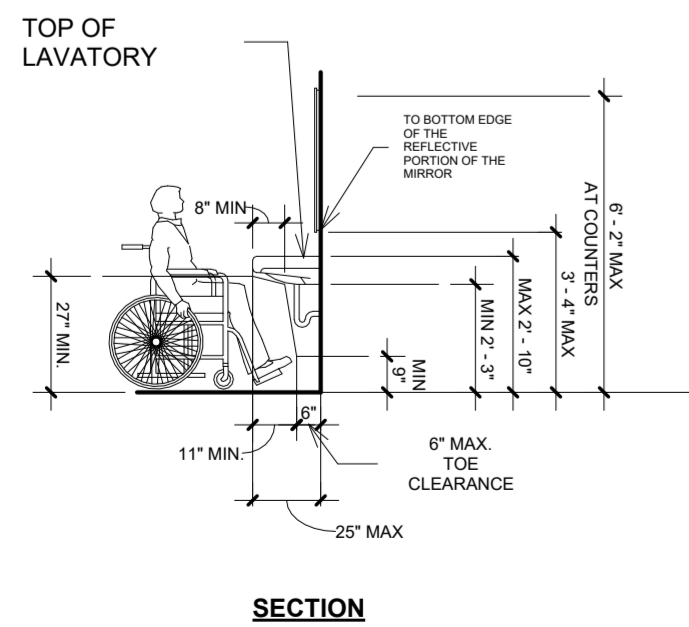
B Typical Mounting Heights

1/4" = 1'-0"

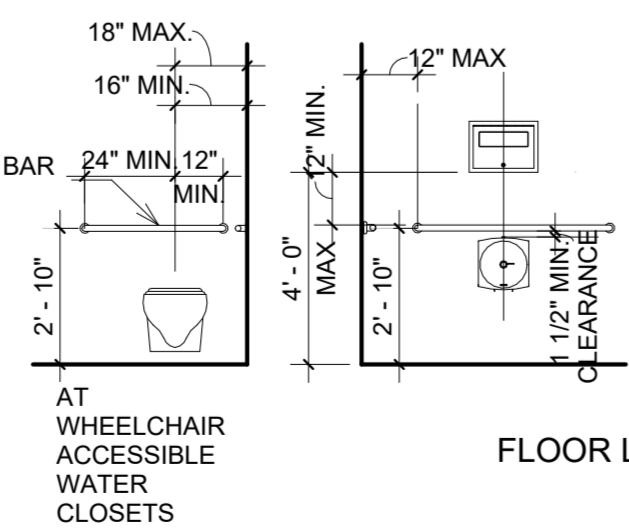
TOILET ACCESSORY AND PLUMBING FIXTURE MOUNTING HEIGHTS

GENERAL NOTES, TOILET ROOMS:

1. SIGNAGE FOR RESTROOMS SHALL BE RAISED AND BRAILLE CHARACTERS @ 48" MIN. AND PICTORIAL SYMBOL SIGNS. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGN SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING HEIGHT SHALL BE 60 INCHES MAX. ABOVE THE FINISH FLOOR TO THE CENTERLINE OF THE SIGN.



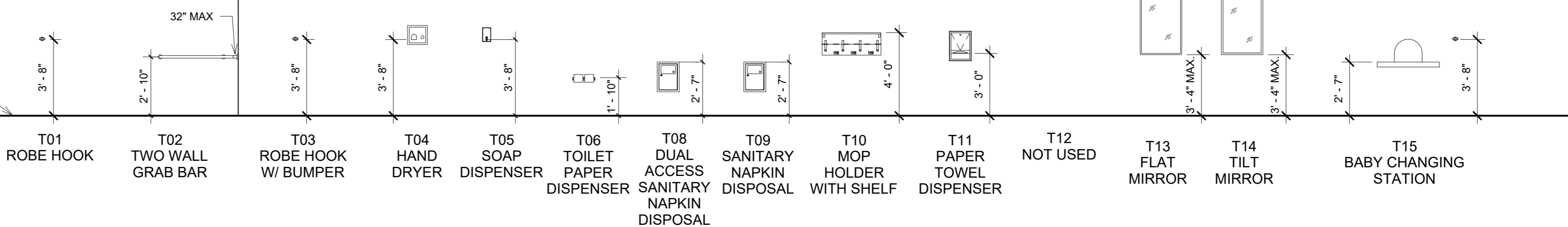
NOTE: COORDINATE HEIGHTS WITH GRAB BARS AND SPECIFIED ACCESSORIES.



ALL LAVATORIES, WHETHER WALL-HUNG OR IN A COUNTER SHALL BE INSTALLED TO COMPLY WITH THE CLEARANCES AND DIMENSIONS NOTED ABOVE. ALL LAVATORIES SHALL BE EQUIPPED WITH SPECIFIED PIPE PROTECTION ENCLOSURES INSTALLED TO MEET CLEARANCES DEFINED BY DASHED LINE INDICATED IN THE SECTION ABOVE.

WATER CLOSETS IN ACCESSIBLE STALLS AND WATER CLOSETS IN ACCESSIBLE TOILET ROOMS SHALL BE INSTALLED AS SHOWN UNLESS DIMENSIONED OR NOTED OTHERWISE.

FLOOR LINE



C Toilet Mounting Heights

1/4" = 1'-0"

New  
Gymnasium for  
Union County

519 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

NOT RELEASED FOR CONSTRUCTION

Revisions		
No.	Date	Description
1	04/10/23	Issued for Bid



Gardner  
Spencer  
Smith  
&  
Tench  
&  
Jarbeau

A Professional Corporation  
for the Practice of Architecture  
www.gsstj.com

Tower Place  
3340 Peachtree Road,  
N.E.  
Suite 1800  
Atlanta, Georgia 30326  
404.522.8805  
404.521.2118 (F)

22102 PROJECT NO.

Enlarged Plans &  
Elevations SHEET TITLE

SHEET NO.

A1.61

New  
Gymnasium for  
Union County

519 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

NOT RELEASED FOR CONSTRUCTION

Revisions  
No. Date Description  
04/10/23 Issued for Bid



Gardner  
Spencer  
Smith &  
Tench &  
Jarbeau

A Professional Corporation  
for the Practice of Architecture

www.gsstj.com  
Tower Place  
3340 Peachtree Road,  
N.E.  
Suite 1800  
Atlanta, Georgia 30326  
404.522.8805  
404.521.2118 (F)

PROJECT  
NO.

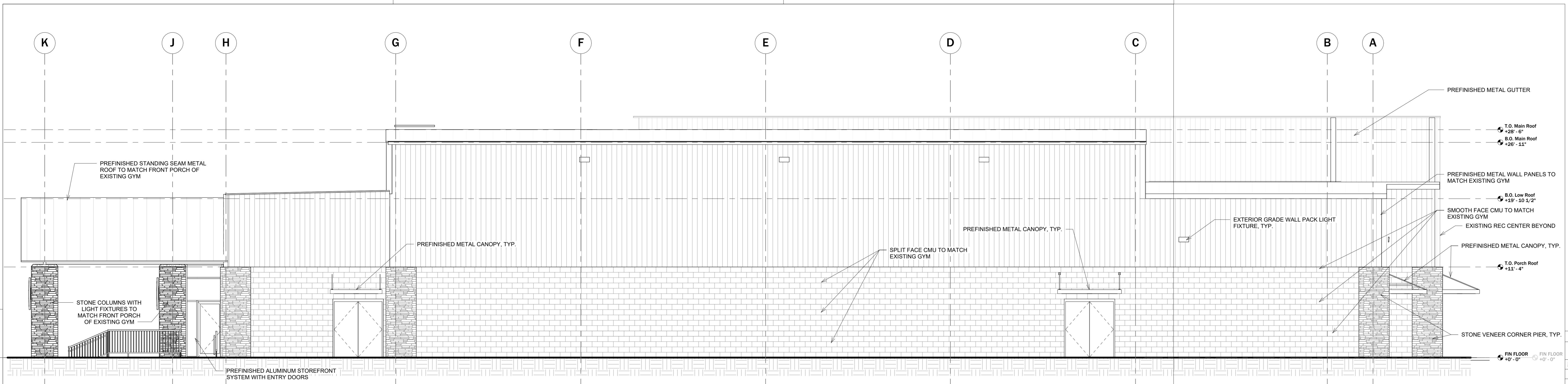
22102

SHEET  
TITLE

Exterior Elevations

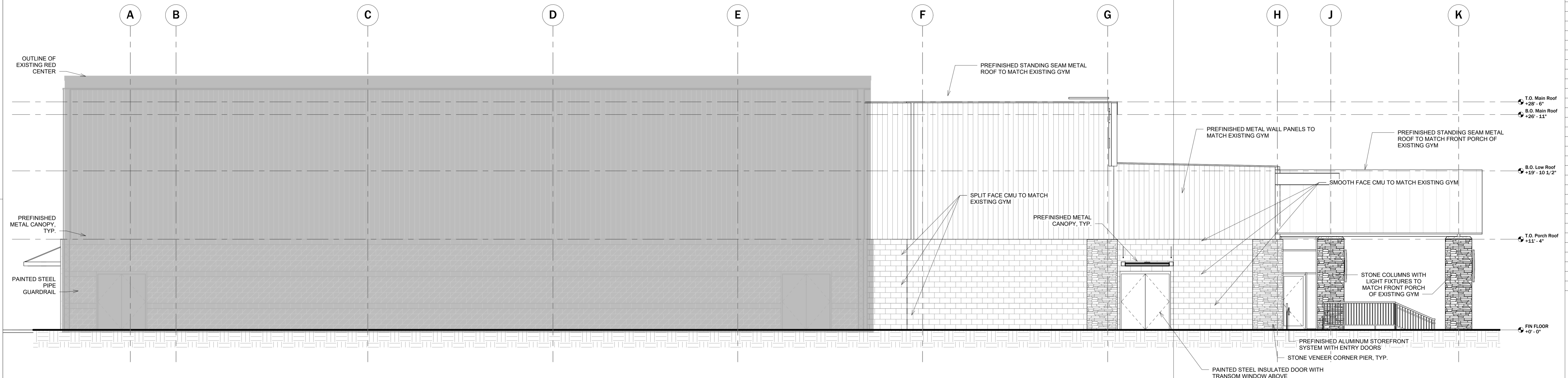
SHEET  
NO.

A2.00



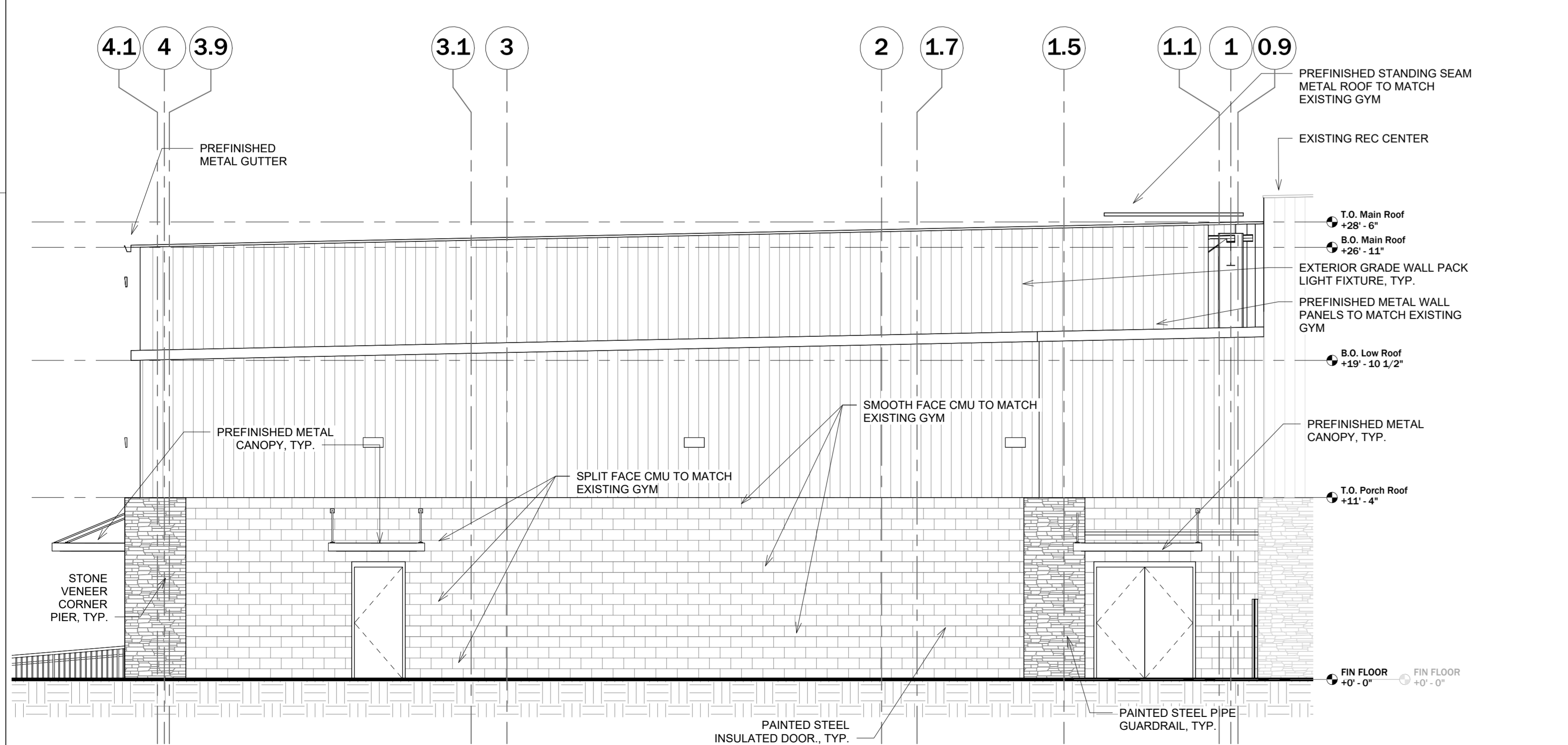
1 East Elevation

3/16" = 1'-0"



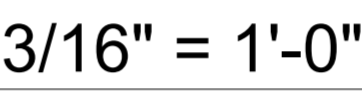
2 West Elevation

3/16" = 1'-0"



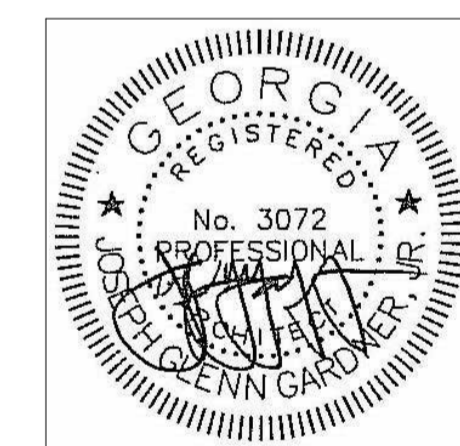
3 North Elevation

3/16" = 1'-0"



## A2.01

519 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

[illegible]

Gardner  
Spencer  
Smith  
Tench &  
Jarbeau

· A Professional Corporation  
· for the Practice of Architecture  
· [www.gsstj.com](http://www.gsstj.com)

- Tower Place
- 3340 Peachtree Road,
- N.E.
- Suite 1800
- Atlanta, Georgia 30326
- 404.522.8805
- 404.521.2118 (F)

PROJECT NO.	
-------------	--

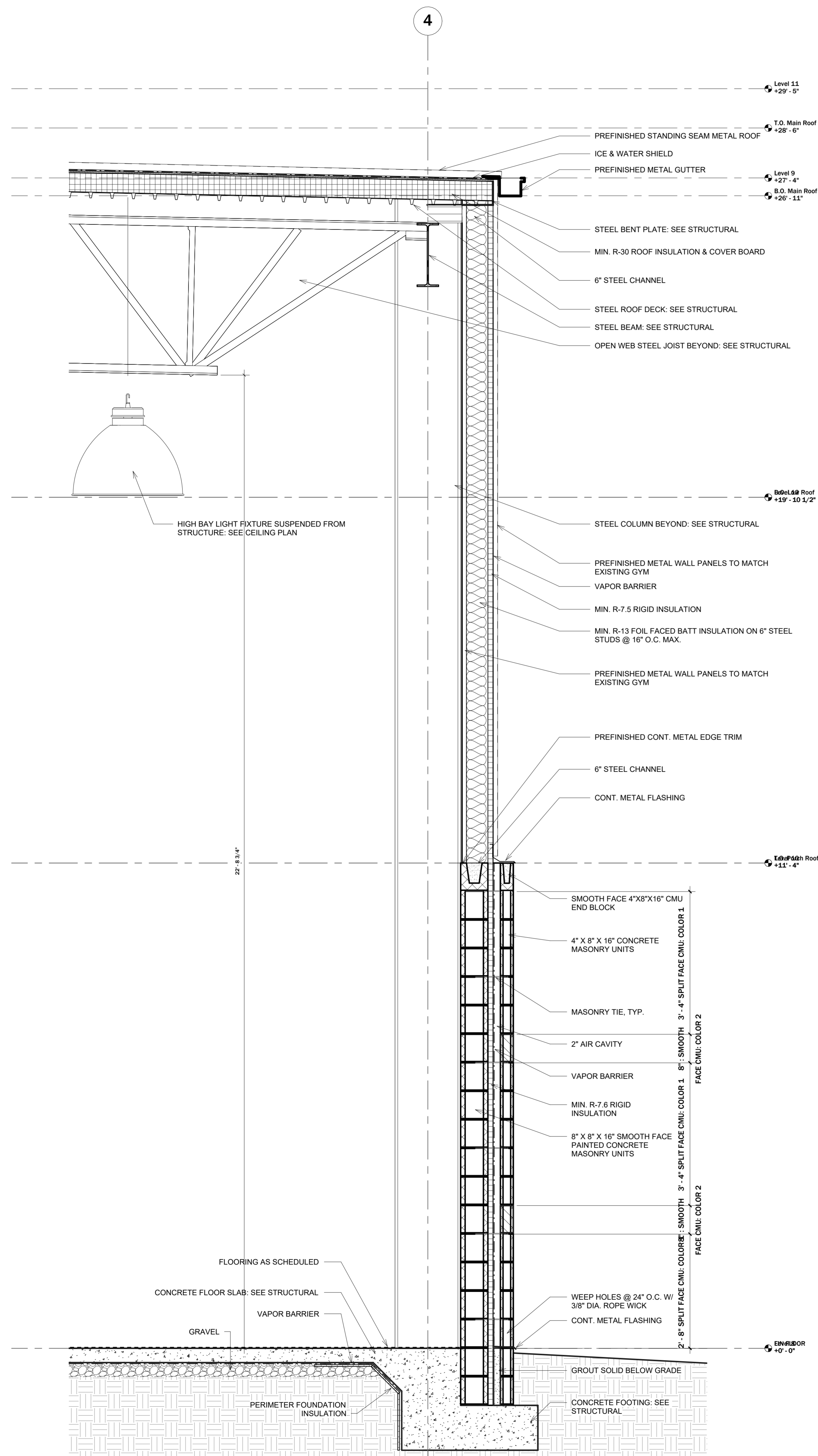
22102

	<b>SHEET</b>
	<b>TITLE</b>

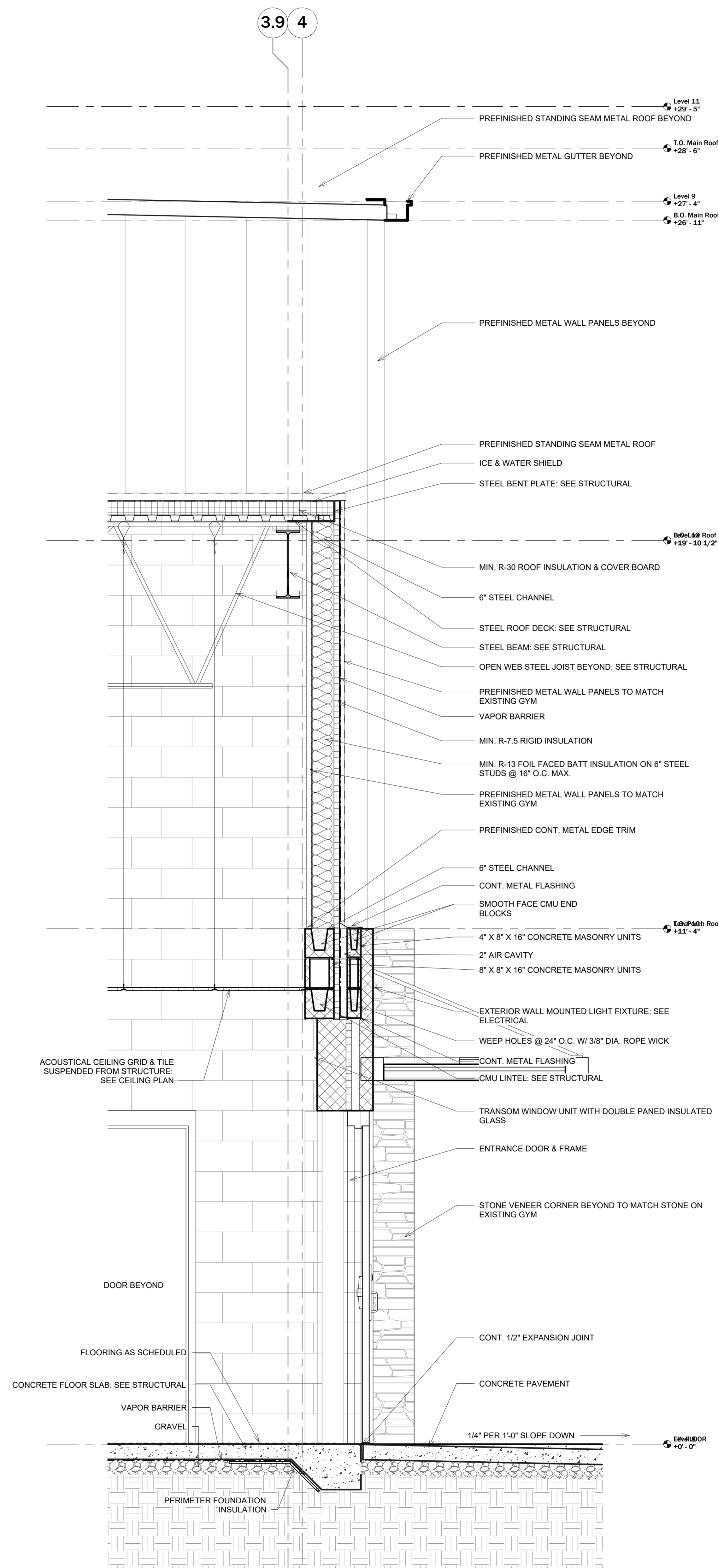
### Wall Sections

SHEET NO.

A3.00

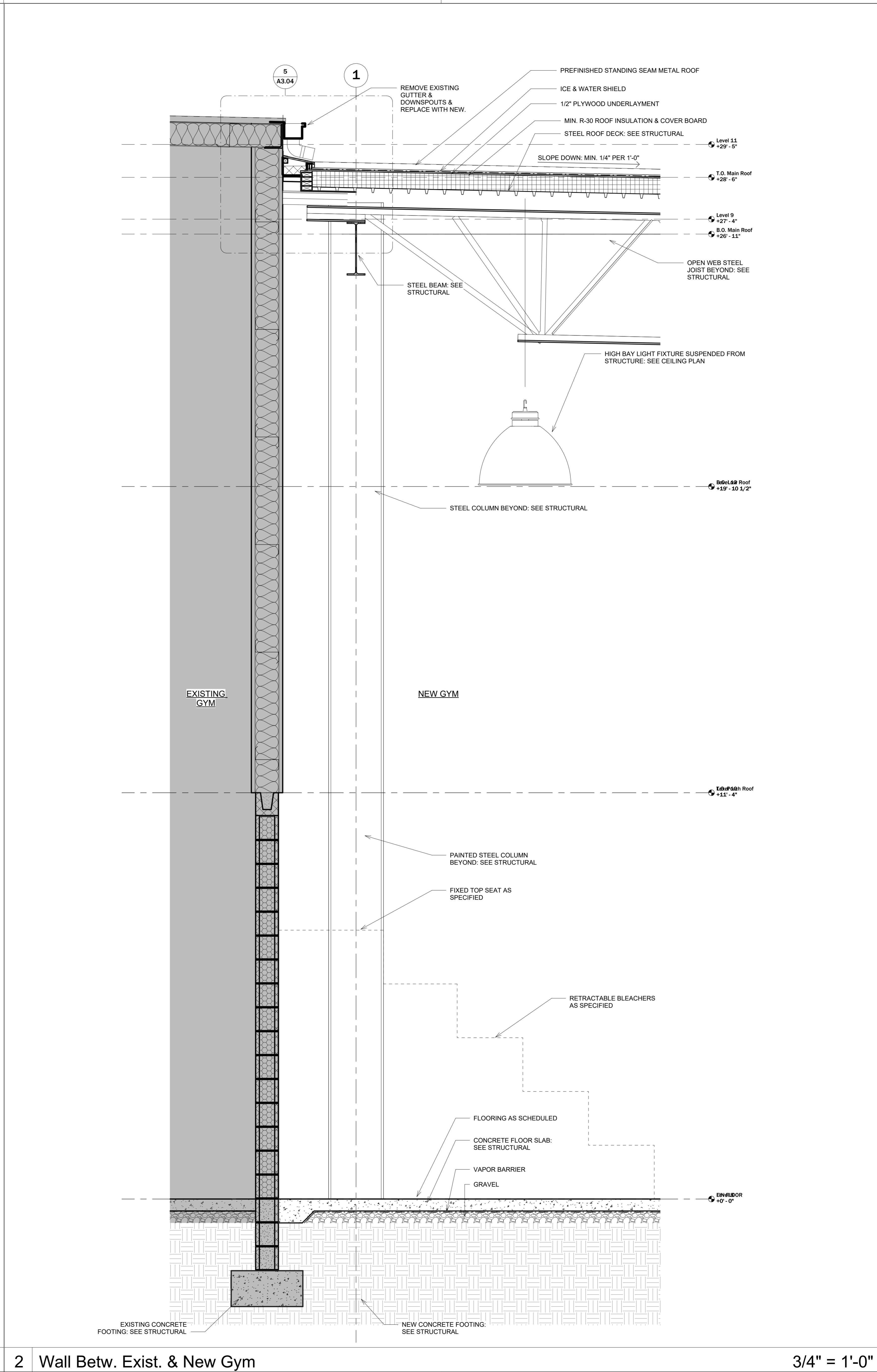
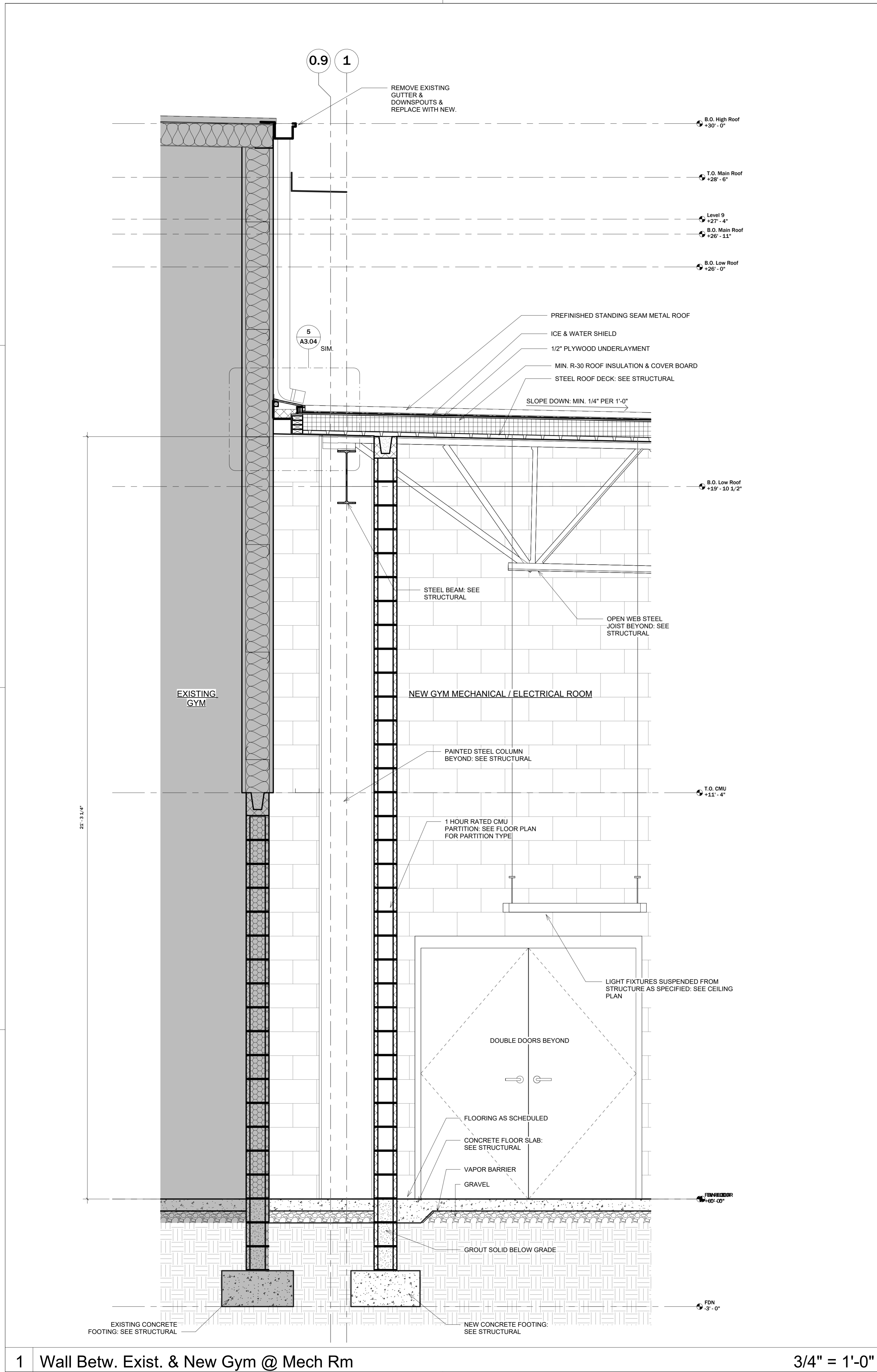


## 1 Typical Wall Section

$$3/4" = 1'-0"$$


2 Wall Section @ Corr. Entry Door

$$3/4" = 1'-0"$$

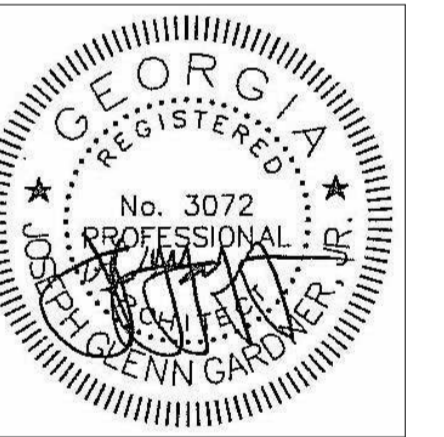


New  
Gymnasium for  
Union County

519 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

NOT RELEASED FOR CONSTRUCTION

Revisions		
No.	Date	Description
	04/10/23	Issued for Bid



Gardner  
Spencer  
Smith  
&  
Tench &  
Jarbeau

A Professional Corporation  
for the Practice of Architecture  
www.gsstj.com

Tower Place  
3340 Peachtree Road,  
N.E.  
Suite 1800  
Atlanta, Georgia 30326  
404.522.8805  
404.521.2118 (F)

PROJECT  
NO.

22102

SHEET  
TITLE

Wall Sections

SHEET  
NO.

A3.01

New  
Gymnasium for  
Union County

519 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

NOT RELEASED FOR CONSTRUCTION

Revisions		
No.	Date	Description
	04/10/23	Issued for Bid



Gardner  
Spencer  
Smith &  
Tench &  
Jarbeau

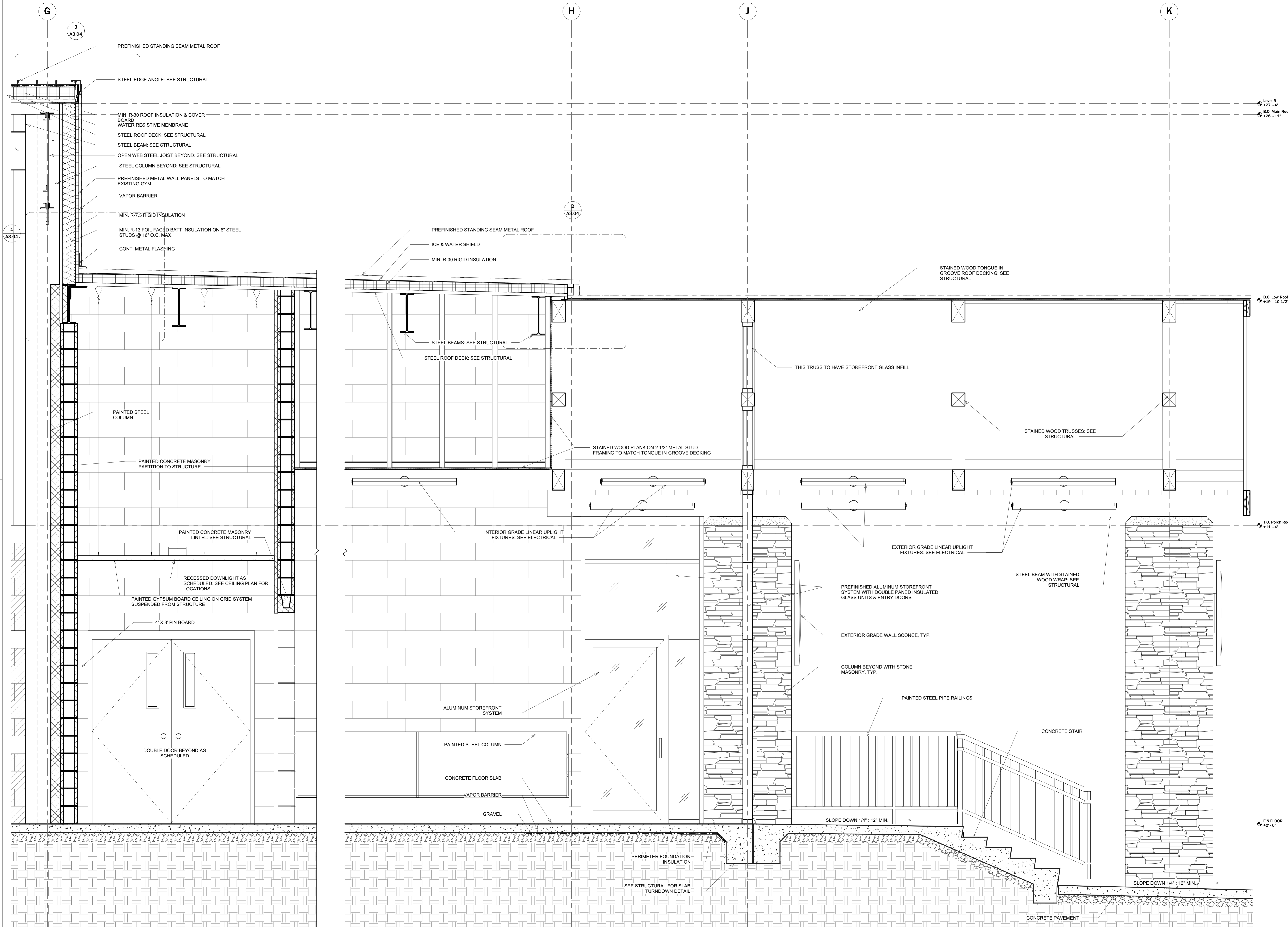
A Professional Corporation  
for the Practice of Architecture  
www.gsstj.com

Tower Place  
3340 Peachtree Road,  
N.E.  
Suite 1800  
Atlanta, Georgia 30326  
404.522.8805  
404.521.2118 (F)

PROJECT  
NO.  
22102

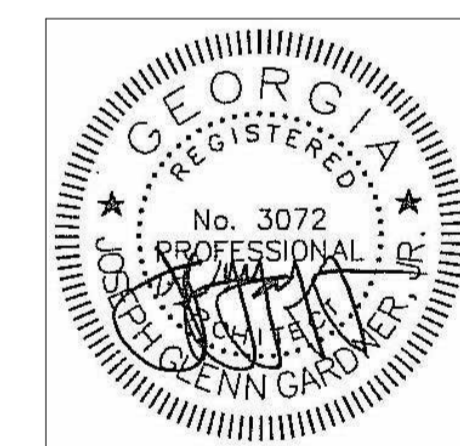
SHEET  
TITLE  
Front Porch Section

SHEET  
NO.  
A3.02



519 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

Revisions

[illegible]

Gardner  
Spencer  
Smith  
Tench &  
Jarbeau

· A Professional Corporation  
· for the Practice of Architecture  
· [www.gsstj.com](http://www.gsstj.com)

- Tower Place
- 3340 Peachtree Road,
- N.E.
- Suite 1800
- Atlanta, Georgia 30326
- 404.522.8805
- 404.521.2118 (F)

PROJECT NO.	
-------------	--

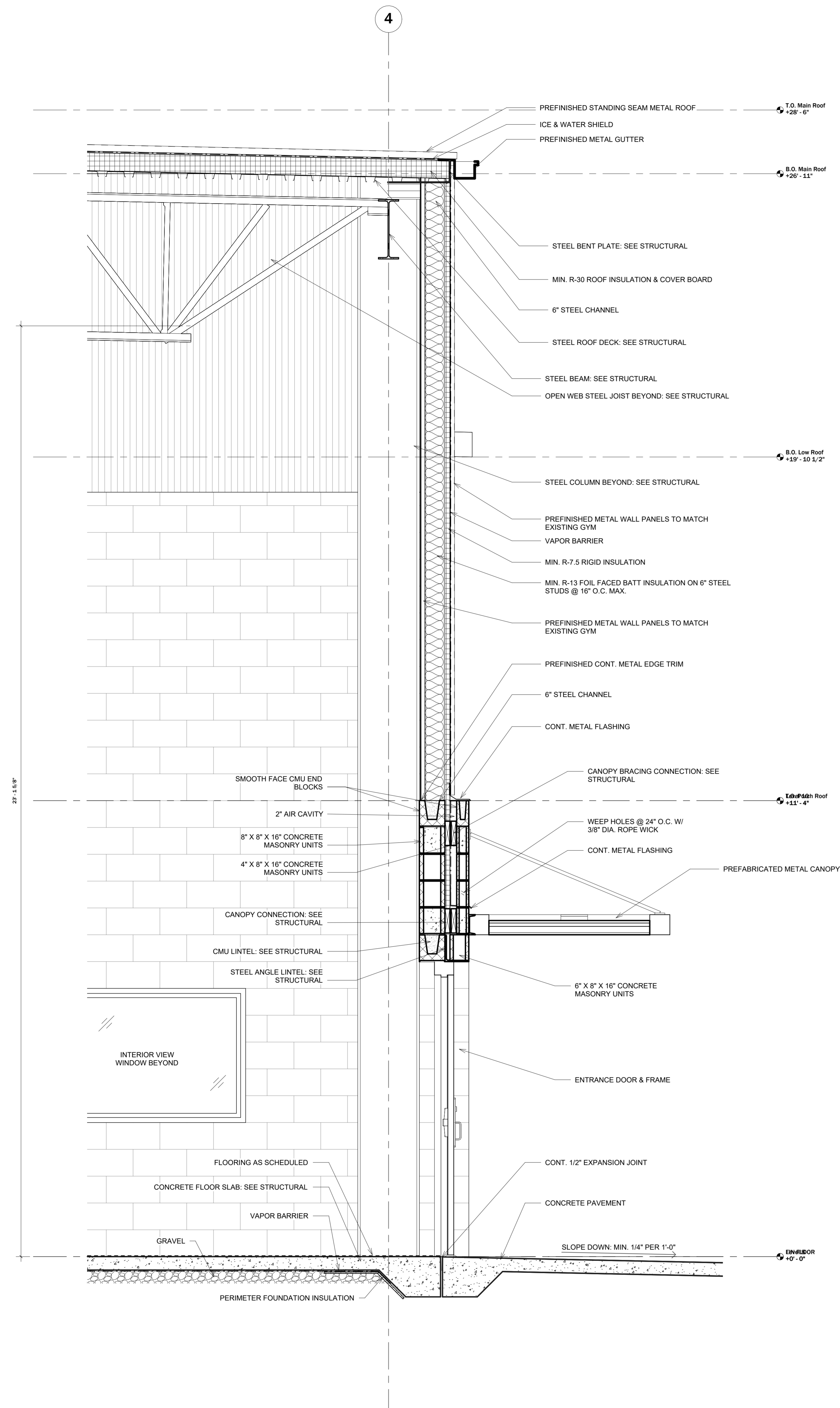
22102

**SHEET  
TITLE**

Wall Sections

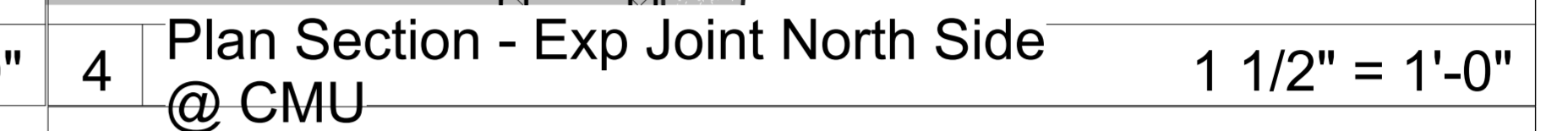
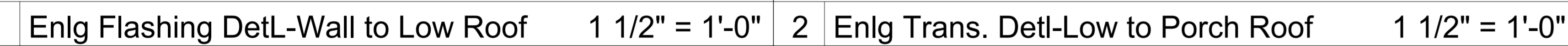
SHEET  
NO.

A3.03



1	Wall Section @ Canopy
---	-----------------------

$$\frac{3}{4}'' = 1'-0''$$

A3.04<sup>NO.</sup>

© 2019 THESE DOCUMENTS REMAIN THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED OR REPRODUCED WITHOUT WRITTEN PERMISSION.

DOOR SCHEDULE																										
MARK	PR	Hand	DOOR						FRAME			Fire Rating	DETAILS			Hardware Function	Lock	Closer	Hold Open	Exit Device	Hook	Card Reader	Signage	Hard ware Set	NOTES	
			SIZE			Material/Construction	Finish	Elevation/ Glazing	Material/Construction	Finish	Elevation		HEAD	JAMB	SILL											
			W	H	T																					
100A	No	LHR	3'- 0"	7'- 0"	0'- 1 3/4"	ALUM/GL	MFR	FLT	ALUM	MFR	3	--	H5	J5		ENTRY	Yes	Yes	No	Yes	No		N		01.0	
100B	No	RHR	3'- 0"	7'- 0"	0'- 1 3/4"	ALUM/GL	MFR	FLT	ALUM	MFR	3	--	H5	J5		ENTRY	Yes	Yes	No	Yes	No		N		01.0	
100C	No	RHR	3'- 0"	7'- 0"	0'- 1 3/4"	ALUM/GL	MFR	FLT	ALUM	MFR	4	--	H5	J5/J6		ENTRY	Yes	Yes	No	Yes	No		N		01.0	CONCEALED AUTOMATIC DOOR OPERATOR
100D	No	LHR	3'- 0"	7'- 0"	0'- 1 3/4"	ALUM/GL	MFR	FLT	ALUM	MFR	4	--	H5	J5/J6		ENTRY	Yes	Yes	No	Yes	No		N		01.0	CONCEALED AUTOMATIC DOOR OPERATOR
101A	Yes	LHR/RHRA	6'- 0"	7'- 0"	0'- 1 3/4"	SCWD	STAIN	DVLT	HM	STAIN	2	--	H2	J2		PASSAGE	No	No	No	Yes	No		N		02.0	
101B	Yes	LHR/RHRA	6'- 0"	7'- 0"	0'- 1 3/4"	STL/ INSUL	PT	DBL	HM	PT	2	--	H1	J1		ENTRY	Yes	Yes	No	Yes	No		N		03.0	
102A	Yes	LHR/RHRA	6'- 0"	7'- 0"	0'- 1 3/4"	SCWD	STAIN	DVLT	HM	STAIN	2	--	H2	J2		PASSAGE	No	No	No	Yes	No		N		02.0	
102B	Yes	LHR/RHRA	6'- 0"	7'- 0"	0'- 1 3/4"	STL/ INSUL	PT	DBL	HM	PT	2	--	H1	J1		ENTRY	Yes	Yes	No	Yes	No		N		03.0	
103	No	LHR	3'- 0"	7'- 0"	0'- 1 3/4"	SCWD	STAIN	FLU	HM	PT	1	--	H2	J2		PASSAGE	No	Yes	Yes	No	No		N		04.0	
104	No	RHR	3'- 0"	7'- 0"	0'- 1 3/4"	SCWD	STAIN	FLU	HM	PT	1	--	H2	J2		PASSAGE	No	Yes	Yes	No	No		N		04.0	
105A	No	CO	3'- 0"	7'- 0"	0'- 1 3/4"	--	--	--	HM	PT	1	--	H4	J4		CO	No	No	No	No	No		Y		05.0	
105B	No	CO	3'- 0"	7'- 0"	0'- 1 3/4"	--	--	--	HM	PT	1	--	H4	J4		CO	No	No	No	No	No		Y		05.0	
105C	Yes	LHR/RHRA	6'- 0"	7'- 0"	0'- 1 3/4"	STL/ INSUL	PT	DBL	HM	PT	2	--	H1	J1		PASSAGE	Yes	Yes	No	Yes	No		N		06.0	
106A	No	LHR	3'- 0"	7'- 0"	0'- 1 3/4"	STL/ INSUL	PT	FLU	HM	PT	1	--	H1	J1		ENTRY	Yes	Yes	No	Yes	No		N		07.0	
106B	No	RHR	3'- 0"	7'- 0"	0'- 1 3/4"	SCWD	STAIN	FLU	HM	PT	1	--	H2	J2		PASSAGE	No	Yes	No	Yes	No		N		08.0	
107	No	LH	3'- 0"	7'- 0"	0'- 1 3/4"	SCWD	STAIN	FLU	HM	PT	1	--	H2	J2		OFFICE	Yes	No	No	No	Yes		N		09.0	
108	No	RHR	3'- 0"	7'- 0"	0'- 1 3/4"	SCWD	STAIN	FLU	HM	PT	1	--	H2	J2		STORAGE	No	No	No	No	Yes		N		10.0	
109	No	RHR	3'- 0"	7'- 0"	0'- 1 3/4"	SCWD	STAIN	FLU	HM	PT	1	--	H2	J2		STORAGE	No	No	No	No	Yes		N		09.0	
110	No	LH	3'- 0"	7'- 0"	0'- 1 3/4"	SCWD	STAIN	FLU	HM	PT	1	--	H2	J2		PRIVACY	Yes	No	No	No	Yes		N		11.0	
111	No	RHR	3'- 0"	7'- 0"	0'- 1 3/4"	SCWD	STAIN	FLU	HM	PT	1	45 MIN.	H3	J3		STORAGE	Yes	Yes	No	Yes	No		N		12.0	
112	Yes	LH/RHA	6'- 0"	7'- 0"	0'- 1 3/4"	SCWD	STAIN	FLU	HM	PT	2	45 MIN.	H3	J3		STORAGE	Yes	Yes	No	No	No		N		13.0	
113	Yes	LHR/RHRA	6'- 0"	7'- 0"	0'- 1 3/4"	STL/ INSUL	PT	DBL	HM	PT	2	--	H1	J1		ENTRY	Yes	Yes	No	Yes	No		N		14.0	
114	No	RH	3'- 0"	7'- 0"	0'- 1 3/4"	SCWD	STAIN	FLU	HM	PT	2	--	H2	J2		PRIVACY	Yes	No	No	No	Yes		N		11.0	
115	No	RH	3'- 0"	7'- 0"	0'- 1 3/4"	SCWD	STAIN	FLU	HM	PT	1	45 MIN.	H3	J3		STORAGE	Yes	No	No	No	No		N		09.0	

DOOR SCHEDULE ABBREVIATIONS:

A - ACTIVE LEAF  
ALUM - ALUMINUM  
CO - CASSED OPENING  
GL - GLASS  
HM - HOLLOW METAL  
INSUL - INSULATED  
LH - LEFT HAND  
LHR - LEFT HAND REVERSE  
MFR - MANUFACTURER  
PT - PAINT  
RH - RIGHT HAND  
RHR - RIGHT HAND REVERSE  
SCWD - SOLID CORE WOOD  
STL - STEEL

New  
Gymnasium for  
Union County

519 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

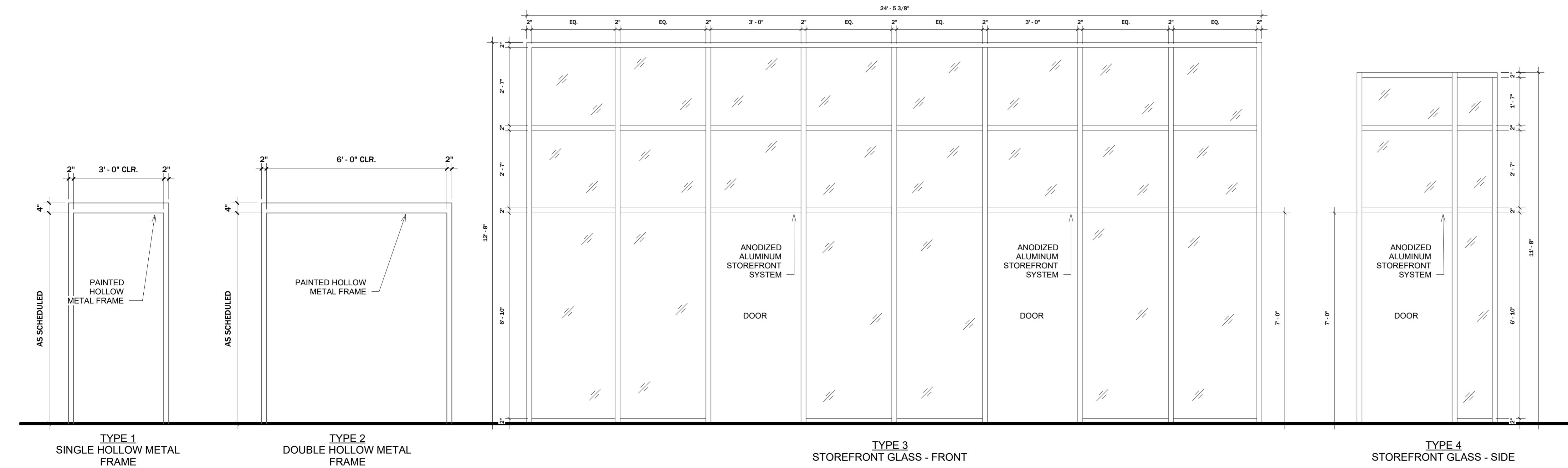
NOT RELEASED FOR CONSTRUCTION

Revisions

No.	Date	Description
	04/10/23	Issued for Bid

1 Door Elevations

1/2" = 1'-0"



2 Frame Elevations

1/2" = 1'-0"



Gardner  
Spencer  
Smith &  
Tench &  
Jarbeau

A Professional Corporation  
for the Practice of Architecture  
www.gsstj.com

Tower Place  
3340 Peachtree Road,  
N.E.  
Suite 1800  
Atlanta, Georgia 30326  
404.522.8805  
404.521.2118 (F)

PROJECT  
NO.

22102

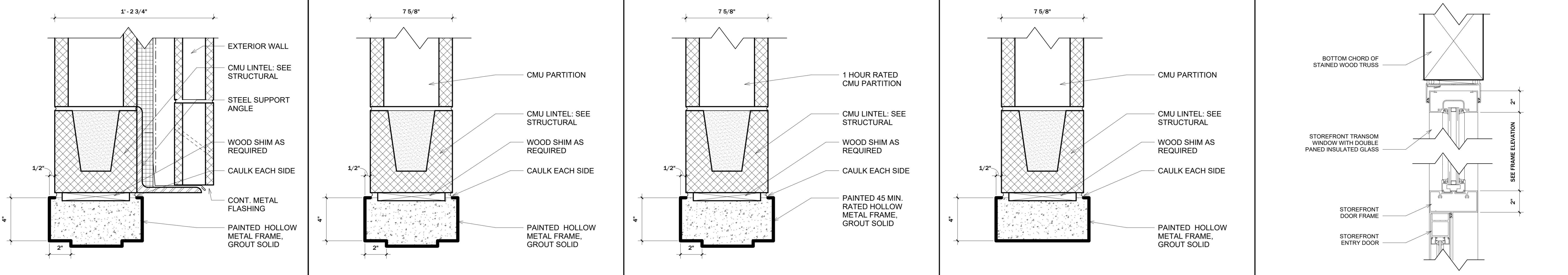
SHEET  
TITLE

Door Schedule &  
Elevations

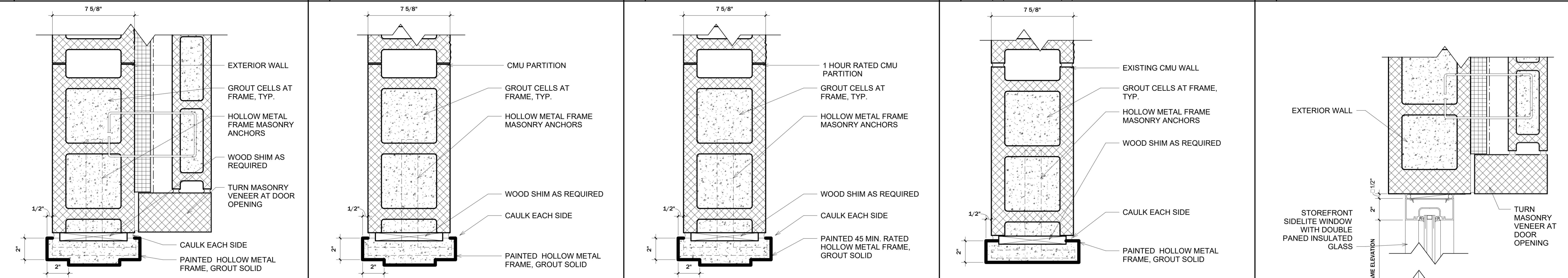
SHEET  
NO.

A4.20

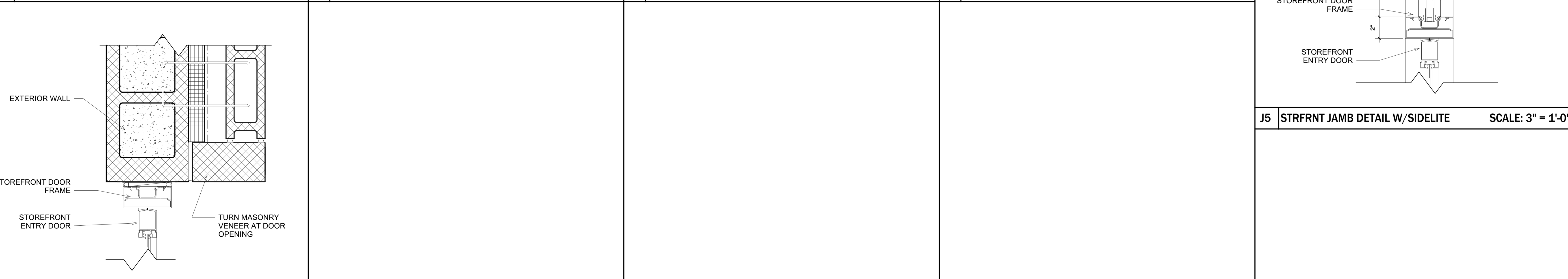
DOOR HEAD & JAMB DETAILS



H1 | EXTERIOR HEAD DETAIL | SCALE: 3" = 1'-0" | H2 | HEAD DETAIL | SCALE: 3" = 1'-0" | H3 | 45 MIN. HEAD DETAIL | SCALE: 3" = 1'-0" | H4 | CASED OPENING HEAD DETAIL | SCALE: 3" = 1'-0" | H5 | STOREFRONT DOOR HEAD DETAIL | SCALE: 3" = 1'-0"



J1 | EXTERIOR JAMB DETAIL | SCALE: 3" = 1'-0" | J2 | JAMB DETAIL | SCALE: 3" = 1'-0" | J3 | 45 MIN. JAMB DETAIL | SCALE: 3" = 1'-0" | J4 | CASED OPENING JAMB DETAIL | SCALE: 3" = 1'-0" | J5 | STRFRNT JAMB DETAIL W/SIDELITE | SCALE: 3" = 1'-0"



J6 | STRFRNT JAMB DETAIL W/O SIDELITE | SCALE: 3" = 1'-0"

New  
Gymnasium for  
Union County

519 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

NOT RELEASED FOR CONSTRUCTION

Revisions		
No.	Date	Description
	04/10/23	Issued for Bid

GEORGIA  
REGISTERED  
No. 3072  
PROFESSIONAL  
ARCHITECT  
JOSEPH GARDNER SMITH

Gardner  
Spencer  
Smith  
&  
Tench &  
Jarbeau

A Professional Corporation  
for the Practice of Architecture  
www.gsstj.com

Tower Place  
3340 Peachtree Road,  
N.E.  
Suite 1800  
Atlanta, Georgia 30326  
404.522.8805  
404.521.2118 (F)

PROJECT NO.	22102
SHEET TITLE	Door Head, Jamb, & Sill Details
SHEET NO.	A4.21

SEE FLOOR PLAN FOR WALL CONSTRUCTION

COUNTERTOP: PLASTIC LAMINATE ON 3/4" PLYWOOD\*

2'-1"

PLASTIC LAMINATE BACK & SIDE SPLASH

WHITE MELAMINE DRAWER BOX ON HEAVY DUTY SLIDES

STAINED HARDWOOD EASED EDGE

4" STAINLESS STEEL WIRE PULL, TYP.

0'-0" - 0'-1/4"

PLASTIC LAMINATE DRAWER FACE

0'-5"

1/4" PLYWOOD BACK

0'-0" - 0'-1/4"

PROVIDE (1) ADJUSTABLE SHELF

1'-11"

PLASTIC LAMINATE ON 3/4" PLYWOOD

WOOD BLOCKING AS REQUIRED

WHITE MELAMINE INTERIOR

RECESSED TOE KICK

0'-4"

0'-3"

2X WOOD BLOCKING

2'-10"

\* IF LOCATED IN A BREAK ROOM OR RESTROOM, COUNTERTOP IS TO BE 1/2" SOLID SURFACE ON 1" PLYWOOD WITH SOLID SURFACE SPLASHES.

Technical drawing of a wall-mounted shelving unit. The drawing shows a vertical wall with a horizontal shelf bracket attached. The bracket is labeled "HEAVY DUTY METAL SHELF BRACKET". The shelf is labeled "HEAVY DUTY METAL SHELF STANDARD @ 2'-0" O.C.". The shelf is supported by "ADJUSTABLE SHELVES: PLASTIC LAMINATE ON 3/4" PLYWOOD". The distance between the shelf and the wall is dimensioned as "1' - 3\"". The total height of the unit is dimensioned as "7'-0\"". The total width of the unit is dimensioned as "1'-0\"". The drawing also includes a note: "PROVIDE BLOCKING IN WALL AS REQUIRED".

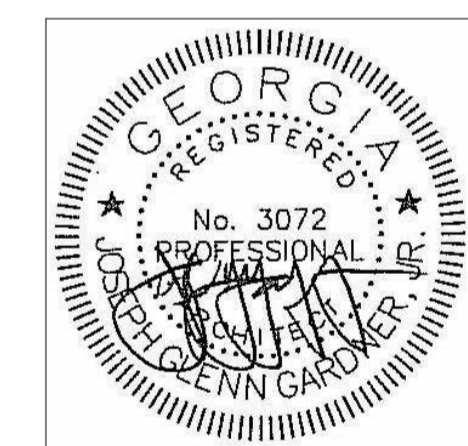
2	Base Cabinet - ADA Sink	1" = 1'-0"
---	-------------------------	------------

6	Wall Cabinet 30"H	1" = 1'-0"
---	-------------------	------------

3	Freestanding Base Cabinet 34"H	1" = 1'-0"
---	--------------------------------	------------

4	Restroom Lavatory Counter	1" = 1'-0"
---	---------------------------	------------

519 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

[illegible]

Gardner  
Spencer  
Smith  
Tench &  
Jarbeau

- Tower Place
- 3340 Peachtree Road,
- N.E.
- Suite 1800
- Atlanta, Georgia 30326
- 404.522.8805
- 404.521.2118 (F)

Casework Details

SHEET  
NO.

A7.00



1. DURING CONSTRUCTION, SPECIAL STRUCTURAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 1705 OF THE IBC. THE SPECIAL STRUCTURAL INSPECTIONS SHALL BE SATISFACTORY TO THE BUILDING OFFICIAL, SHALL PERFORM SPECIAL INSPECTIONS. ALL SPECIAL STRUCTURAL INSPECTION REPORTS SHALL BE PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 1705, AND ALL REPORTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL, ARCHITECT, AND THE STRUCTURAL ENGINEER.
2. SPECIAL INSPECTOR SHALL PREPARE THE REQUIRED QUALITY ASSURANCE PLANS & SUBMIT PLAN TO BUILDING OFFICIAL, ARCHITECT, AND THE STRUCTURAL ENGINEER.
3. THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK FOR CONFORMANCE WITH THE PERMITTED CONSTRUCTION DOCUMENTS. THE SPECIAL INSPECTOR SHALL FURNISH PERIODIC INSPECTION REPORTS TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONALS OF RECORD. THE FREQUENCY OF REPORTS SHALL BE AS AGREED UPON BY THE SPECIAL OFFICIAL, ARCHITECT, AND THE STRUCTURAL ENGINEER TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. THEN, IF CORRECTED, THE BUILDING OFFICIAL, ARCHITECT, AND THE STRUCTURAL ENGINEER.
4. THE SPECIAL INSPECTOR, UPON COMPLETION OF THE WORK AND PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY, SHALL SUBMIT A WRITTEN REPORT TO THE BUILDING OFFICIAL, ARCHITECT, AND ALL REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE PRIOR REPORTS.
5. THE SPECIAL INSPECTOR, ON COMPLETION OF THE BUILDING FRAME SHALL BE INSPECTED FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS AND REQUIREMENTS OF SECTION 1705 OF THE IBC, INCLUDING, BUT NOT BE LIMITED TO THE FOLLOWING:
  - a. A QUALITY ASSURANCE PLAN FOR WIND RESISTANCE IS NOT REQUIRED PER IBC 1705.10.
  - b. A QUALITY ASSURANCE PLAN FOR SEISMIC RESISTANCE IS REQUIRED PER IBC 1705.11.

51 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

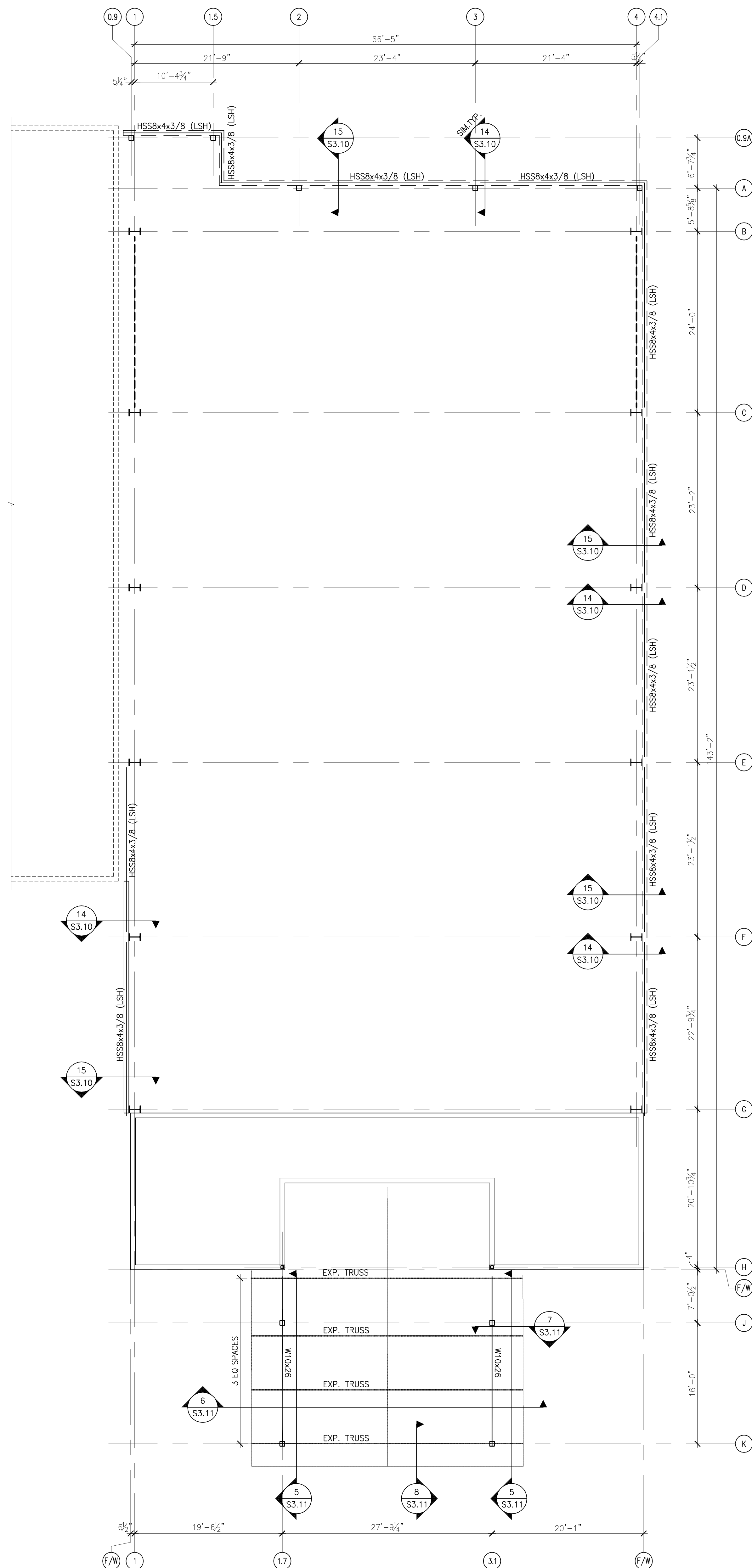
Professional Engineer Seal for Georgia, Registered Professional Engineer, No. SE0000762, Structural, signed by Chris M. Hines, dated 04/10/2023.

A Professional Corporation  
for the Practice of Architecture

Tower Place  
3340 Peachtree Road, N.E.  
Suite 1800  
Atlanta, Georgia 30326  
404.522.8805  
404.521.2118 (F)

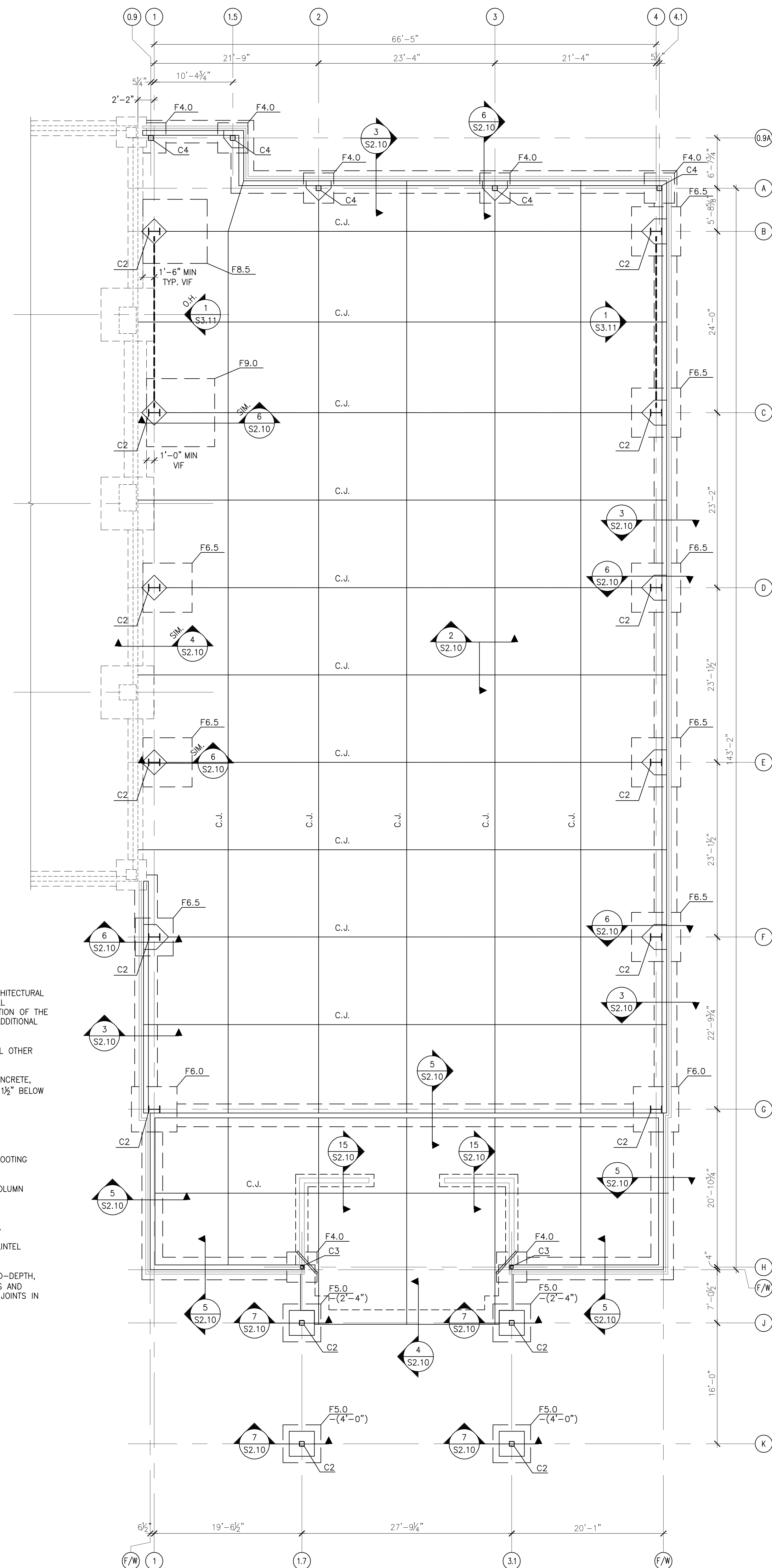
S-0 11

S-0.11



ROOF FRAMING PLAN NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND THE STRUCTURAL ENGINEER. FOR ADDITIONAL INFORMATION SEE ARCHITECTURAL DRAWINGS.
2. SEE ARCHITECTURE FOR TOP OF FINISHED ROOF ELEVATIONS, ROOF SLOPES AND ROOF DRAIN LOCATIONS.
3. COORDINATE SIZE AND LOCATION OF ALL OPENINGS IN ROOF WITH ARCH. MECH. AND PLUMBING DRAWINGS.
4. TOP OF STEEL ELEVATION VARIES, SEE PLAN. BOTTOM OF DECK (B/DECK) ELEV. IS SHOWN, LOWER STEEL AS NEEDED FOR JOIST BEARING.



FOUNDATION PLAN NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND THE STRUCTURAL ENGINEER. FOR ADDITIONAL INFORMATION SEE ARCHITECTURAL DRAWINGS.
2. TOP OF CONCRETE SLAB ELEVATION =  $+0'-0"$ . ALL OTHER DIMENSIONS ARE MEASURED FROM THIS DATUM.
3. SLAB ON GRADE SHALL BE 4" NORMAL WEIGHT CONCRETE, WITH 60%  $M_40$  4"X14"X4" W.M.F. LOCATED  $1\frac{1}{2}$ " BELOW THE TOP OF SLAB, UNO.
4. C.J. INDICATES CONTROL JOINT, SEE 2/52.10
5. TOP OF FOOTING ELEVATION =  $-2'-0"$  UN.O.
6. F.W. INDICATES FOOTING TYPE. SEE 1/52.10 FOR FOOTING SCHEDULE.
7. Cx INDICATES COLUMN TYPE. SEE 1/53.10 FOR COLUMN SCHEDULE.
8. SEE ARCHITECTURAL DRAWINGS FOR ANY SLOPES, DEPRESSIONS, TRENCHES, ETC. IN SLAB ON GRADE.
9. SEE 52.10 FOR PORTAL CMU WALL DETAILS AND LINTEL SCHEDULE.
10.  $\equiv$  INDICATES (2)  $\#4 \times 4'-0"$  AT SLAB MID-DEPTH, 3" APART, PROVIDE AT ALL RE-ENTRANT CORNERS AND INTERSECTIONS, AT ALL DISCONTINUOUS CONTROL JOINTS IN SLAB-ON-GRADE AND AS SHOWN ON PLAN.

## New Gymnasium for Union County

51 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

RELEASED FOR CONSTRUCTION

## Revisions

[illegible]

Gardner  
Spencer  
Smith  
Tench &  
Jarbeau

Professional Corporation  
for the Practice of Architecture

www.gsstj.com

Power Place  
40 Peachtree Road, N.E.  
Suite 1800  
Atlanta, Georgia 30326  
4.522.8805  
4.521.2118 (F)

PROJECT NO.

2102

SHEET TITLE

## Foundation and Canopy Framing Plans

SHEET NO.

# S-1.10

51 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

A Professional Corporation  
for the Practice of Architecture

. www.gsstj.com  
 .  
 .  
 . Tower Place  
 . 3340 Peachtree Road, N.E.  
 . Suite 1800  
 . Atlanta, Georgia 30326  
 . 404.522.8805  
 . 404.521.2118 (F)

PROJECT NO.
-------------

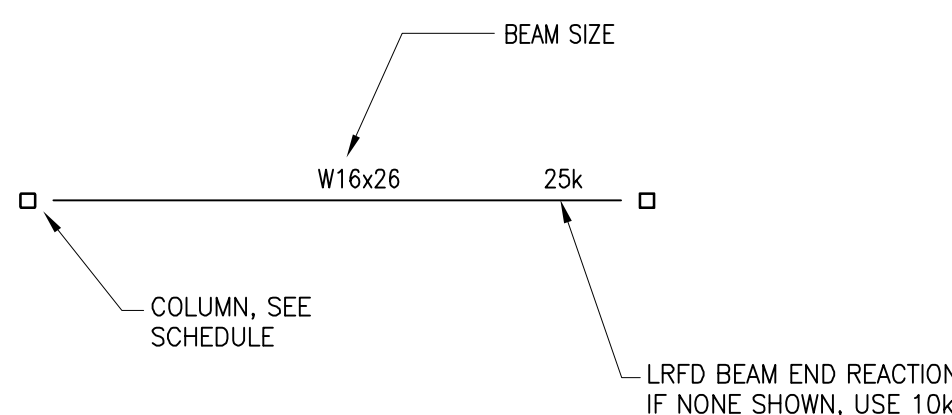
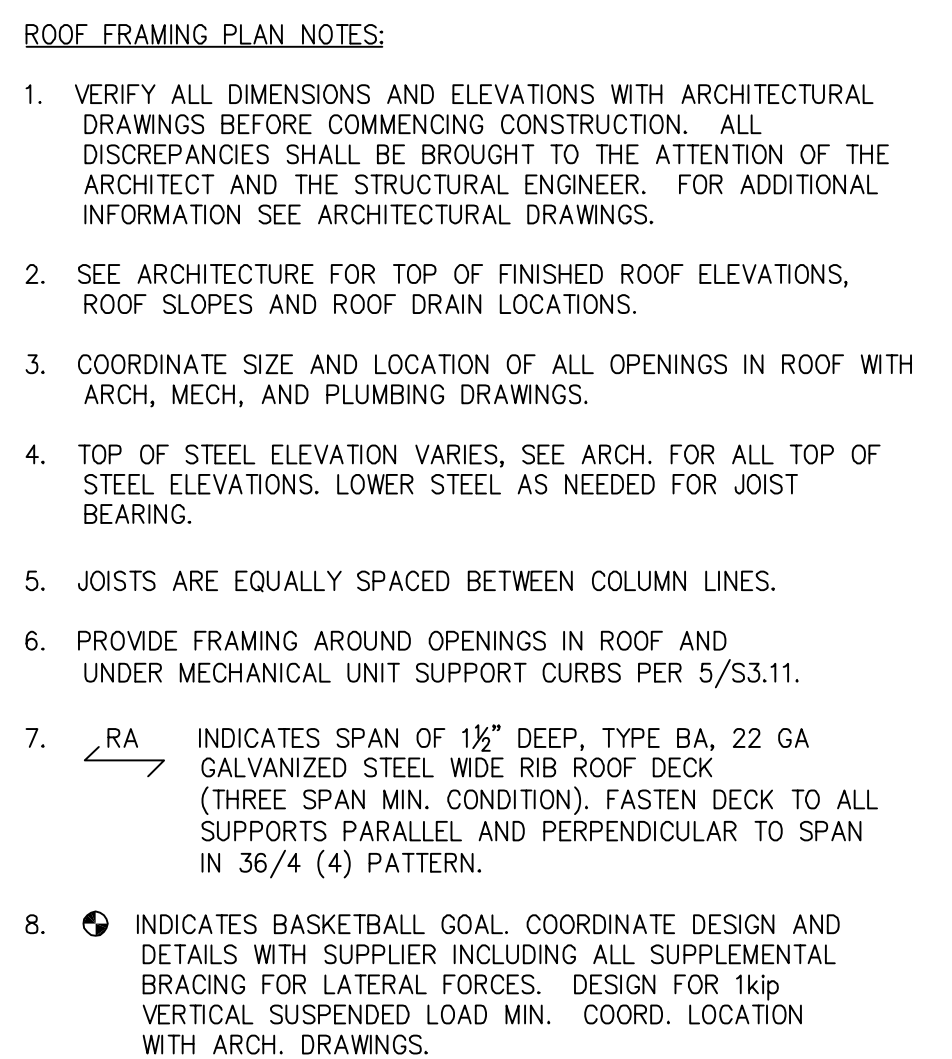
22102

SHEET TITLE
-------------

- Roof Framing
- Plans

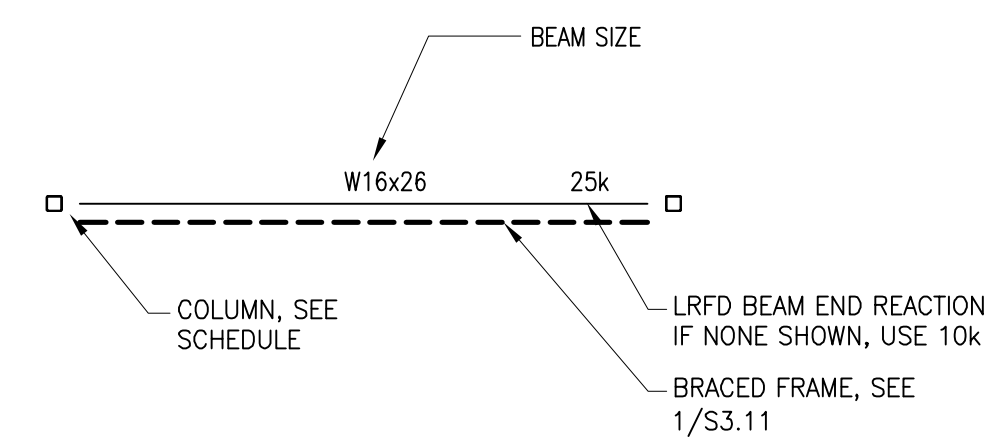
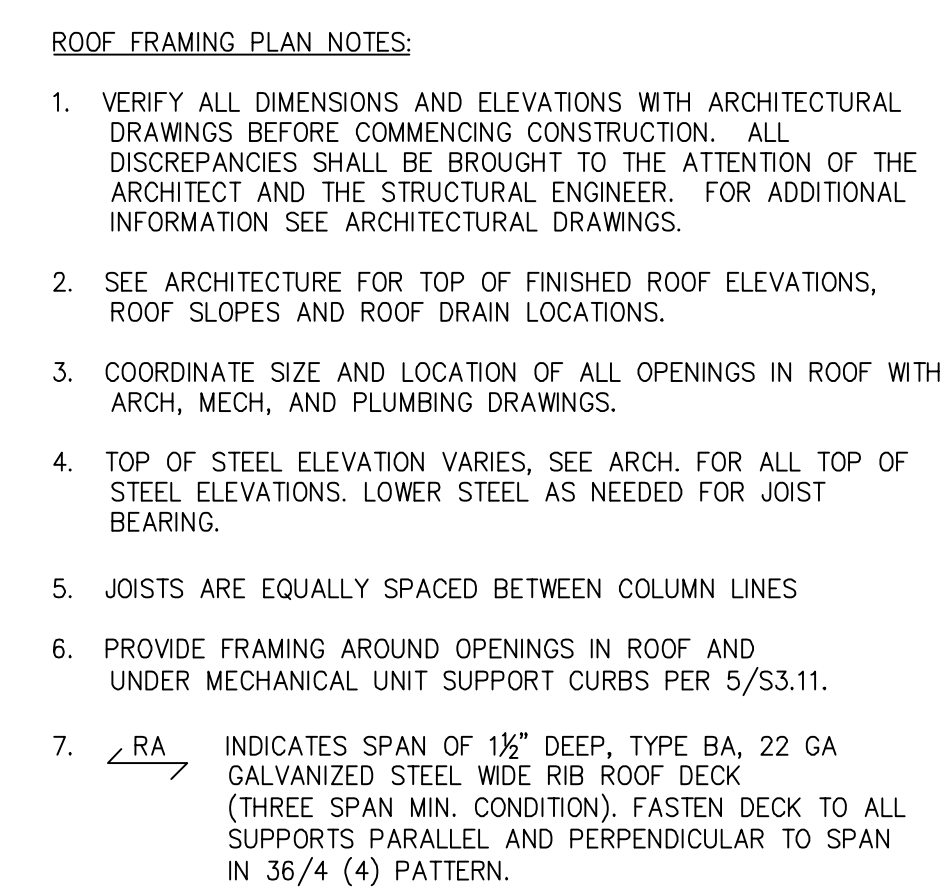
	SHEET NO.
--	-----------

S-1.1

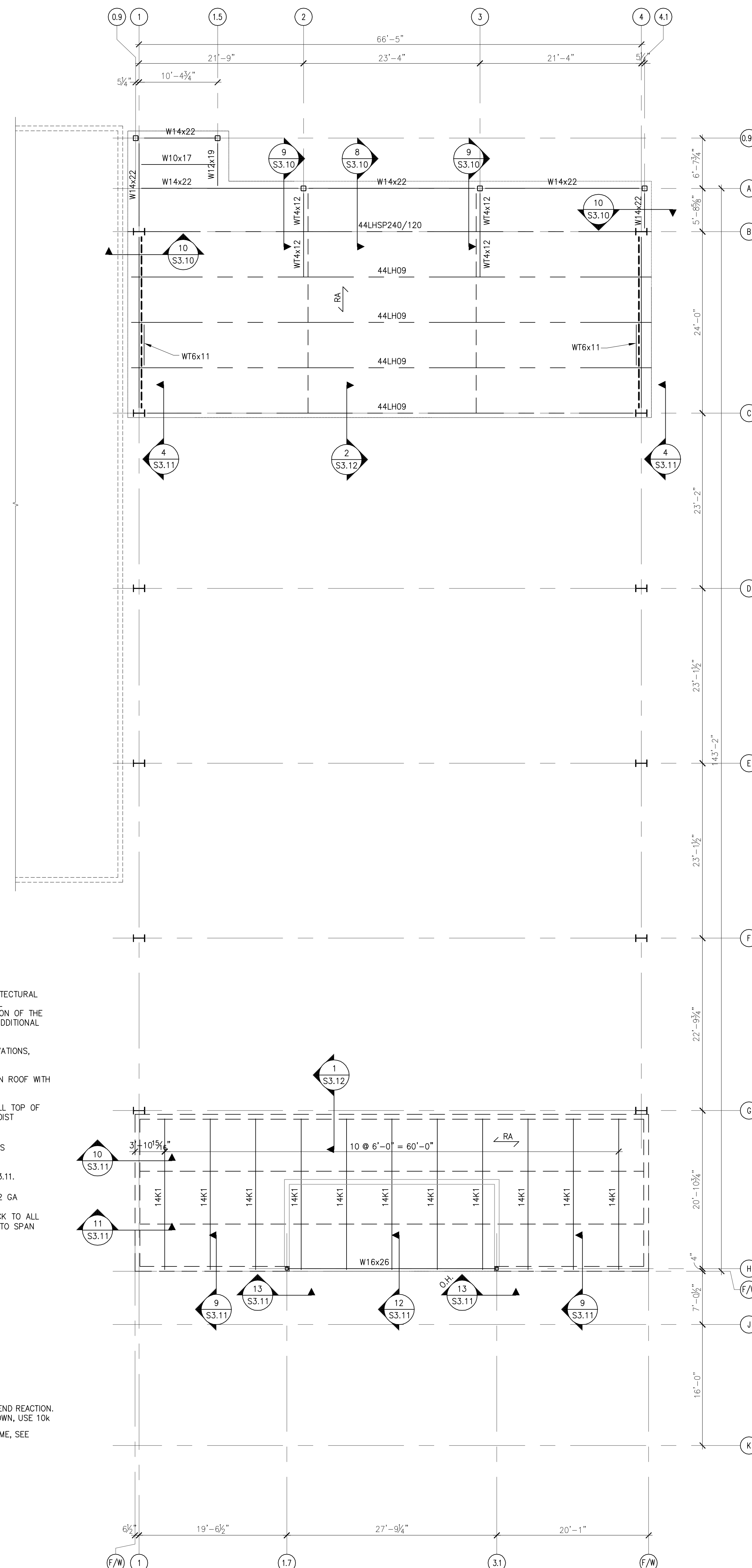


FRAMING LEGEND

2 HIGH ROOF FRAMING PLAN  
S1.11 SCALE:  $\frac{1}{8}" = 1'-0"$



FRAMING LEGEND



1 LOW ROOF FRAMING PLAN  
S1.11 SCALE:  $\frac{1}{8}'' = 1'-0''$

GGHE PROJ. # 22077

GGHE

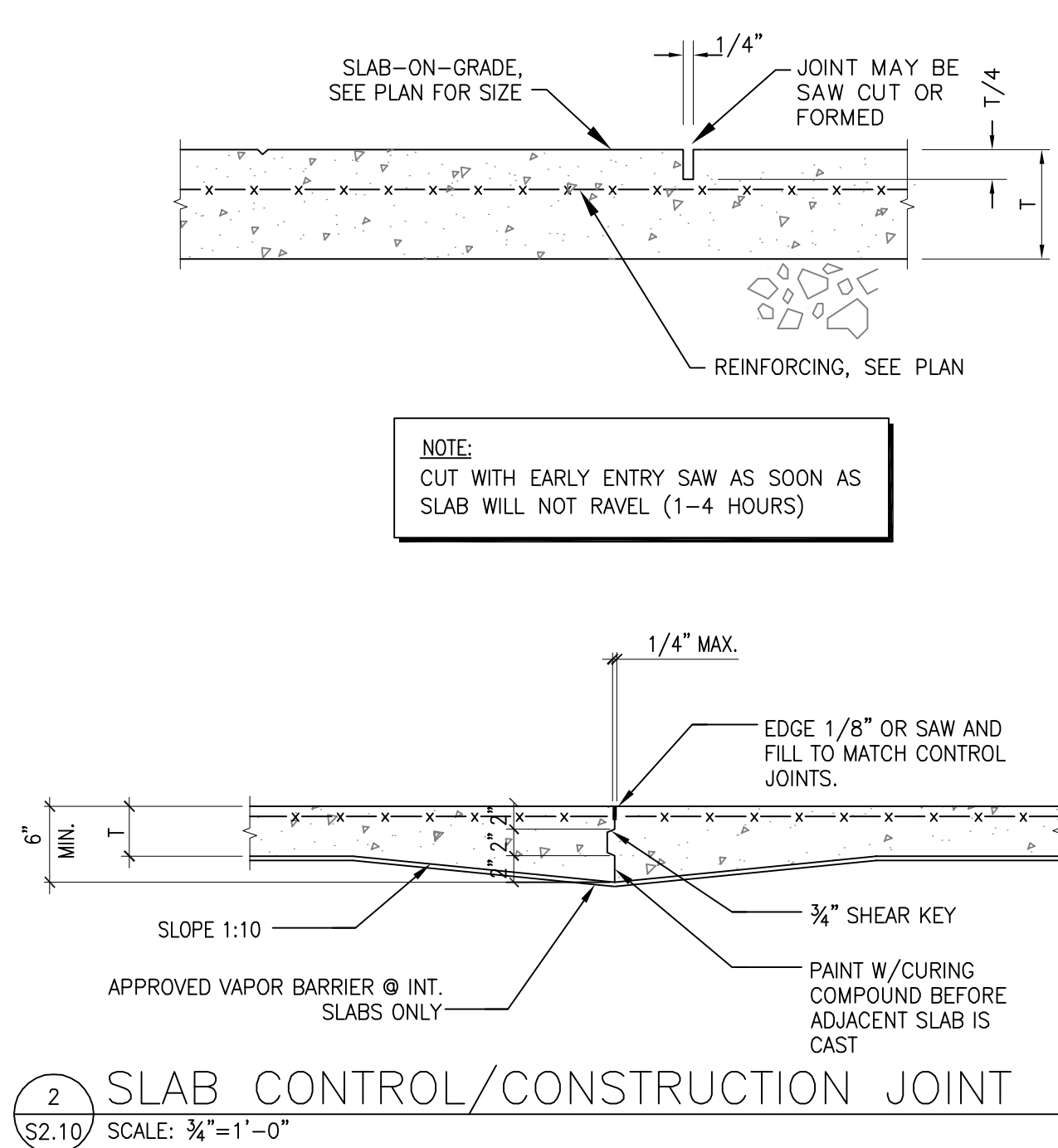
**GOODMAN  
GIANNAVOLA  
HINES  
ENGINEERS**  
311 14th STREET  
SUITE 2  
ATLANTA, GA 30311  
GCHEngineers.com

EXP 06/202

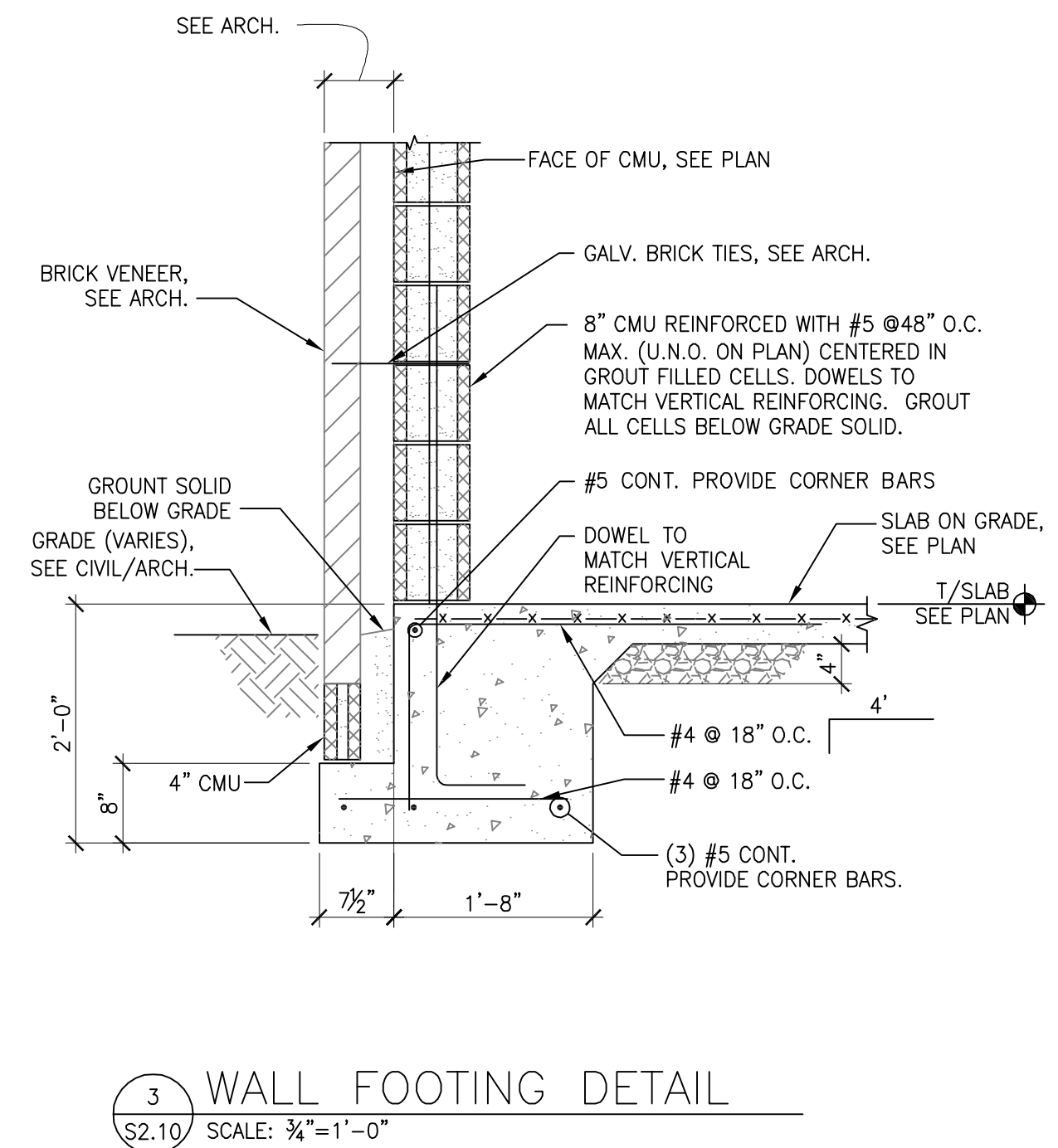
FOOTING SCHEDULE				
MARK	SIZE W x L x D	BOTTOM REINF (EW, UNO)	TOP REINF (EW, UNO)	NOTES
F4.0	4'-0"x4'-0"x1'-3"	4 #6		
F4.5	4'-6"x4'-6"x1'-3"	5 #5		
F5.0	5'-0"x5'-0"x1'-3"	5 #6		
F6.0	6'-0"x6'-0"x1'-4"	6 #6	6 #5	
F6.5	6'-6"x6'-6"x1'-5"	7 #6	7 #5	
F8.5	7'-6"x7'-6"x1'-9"	9 #6	9 #5	
F9.0	9'-0"x9'-0"x1'-10"	9 #7	9 #6	

NOTES:  
1. FOOTING SIZES BASED ON 2,000 PSF ALLOWABLE BEARING CAPACITY

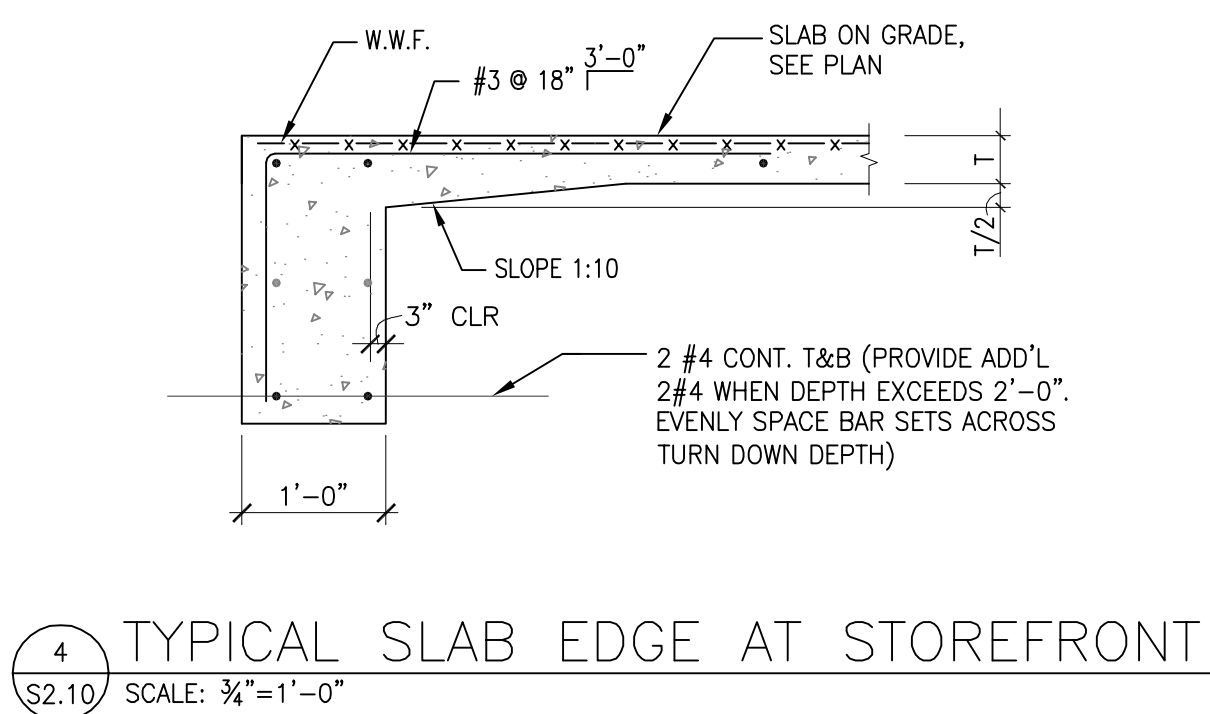
1 FOOTING SCHEDULE  
S2.10 NOT TO SCALE



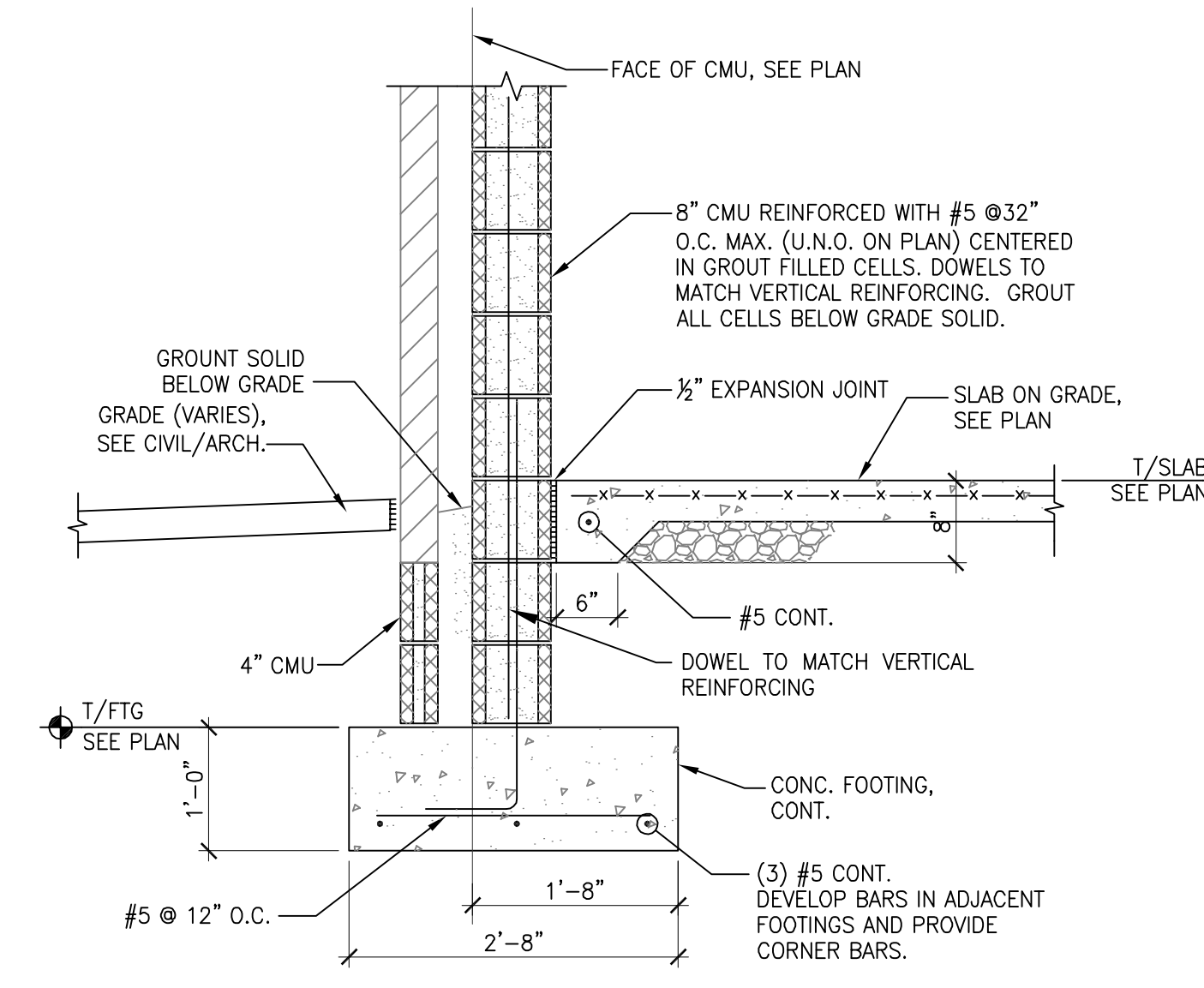
2 SLAB CONTROL/CONSTRUCTION JOINT  
S2.10 SCALE: 3/4"=1'-0"



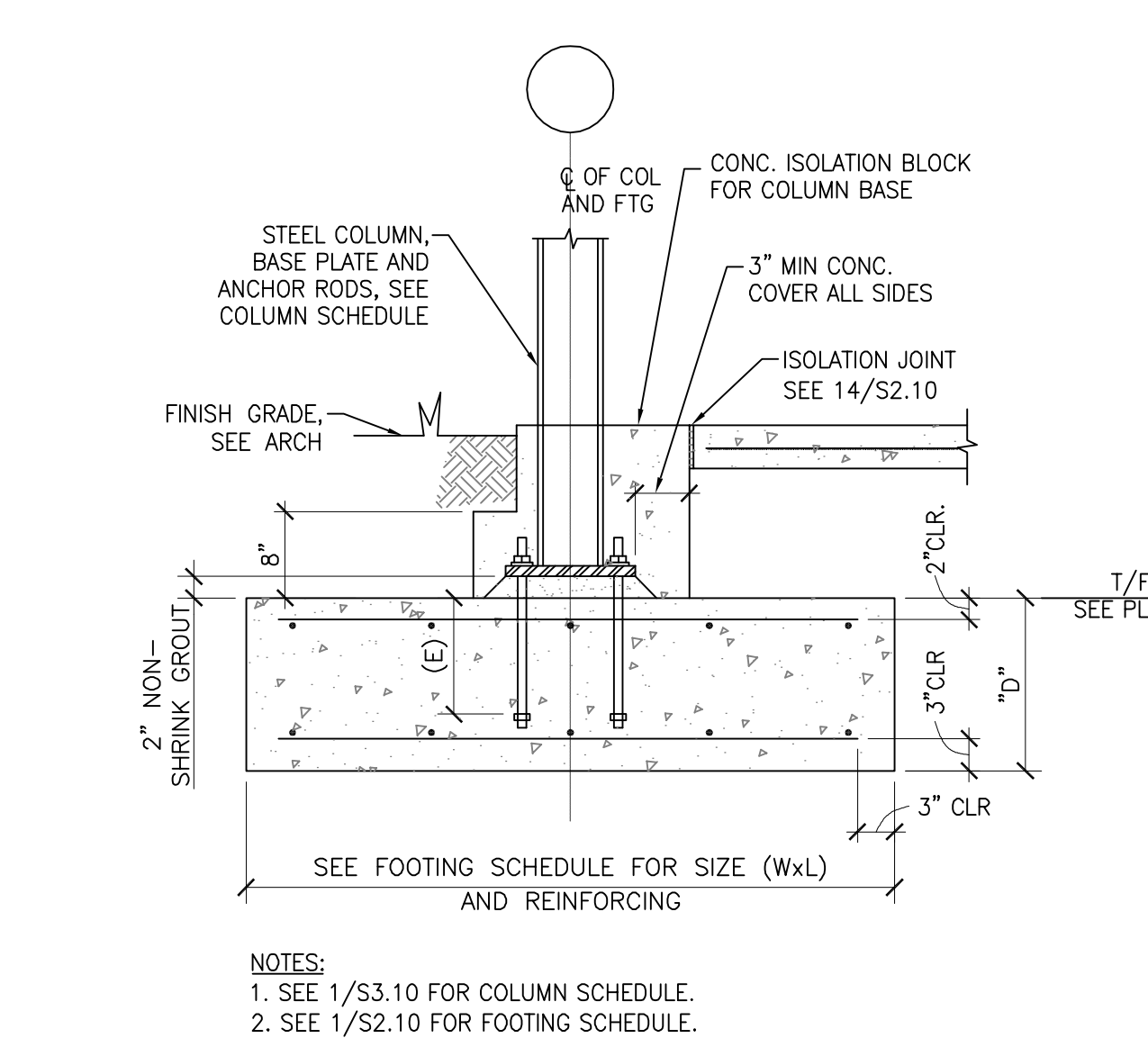
3 WALL FOOTING DETAIL  
S2.10 SCALE: 3/4"=1'-0"



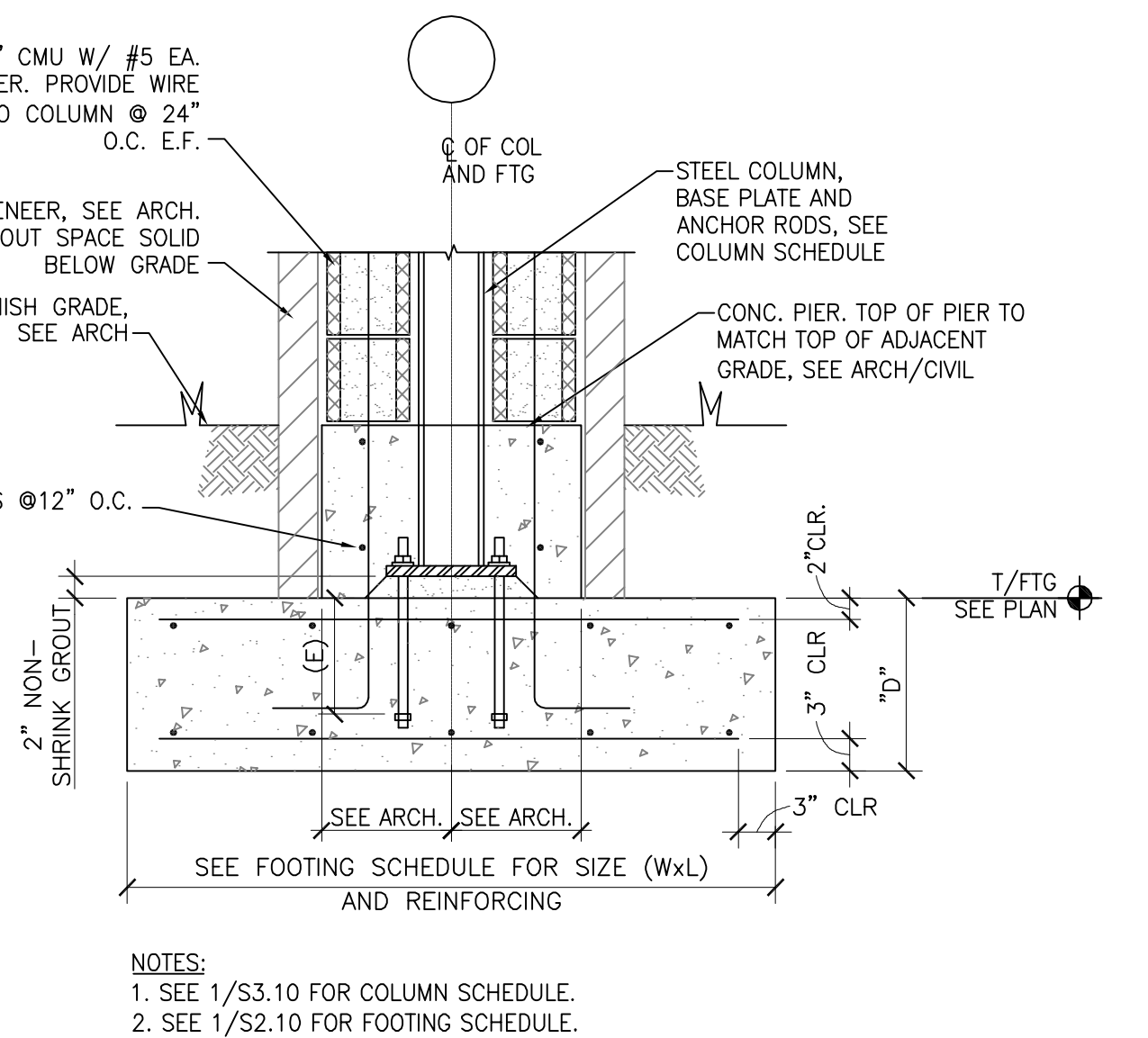
4 TYPICAL SLAB EDGE AT STOREFRONT  
S2.10 SCALE: 3/4"=1'-0"



5 WALL FOOTING DETAIL  
S2.10 SCALE: 3/4"=1'-0"



6 EXTERIOR COLUMN DETAIL  
S2.10 NOT TO SCALE

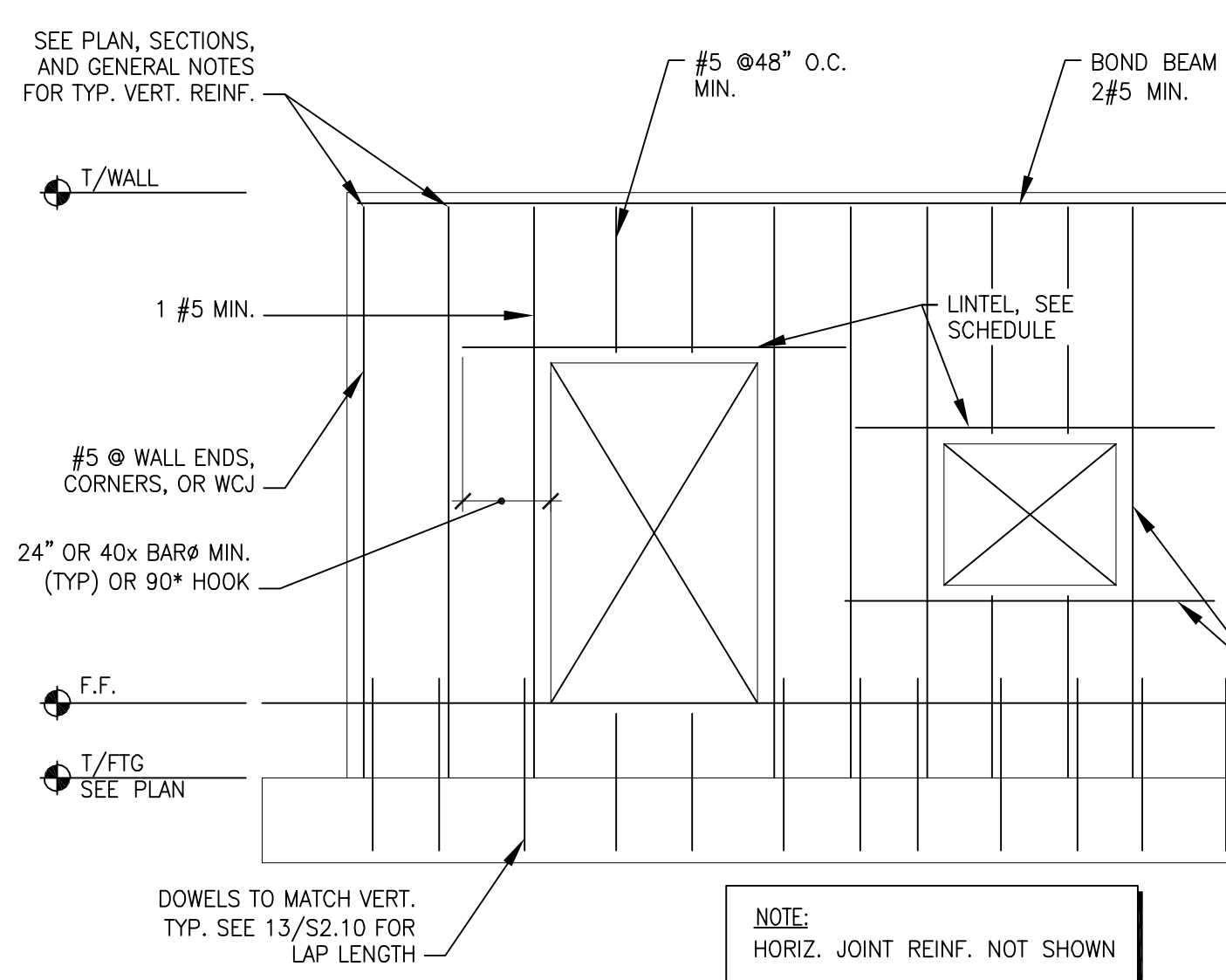


7 CANOPY FOOTING DETAIL  
S2.10 NOT TO SCALE

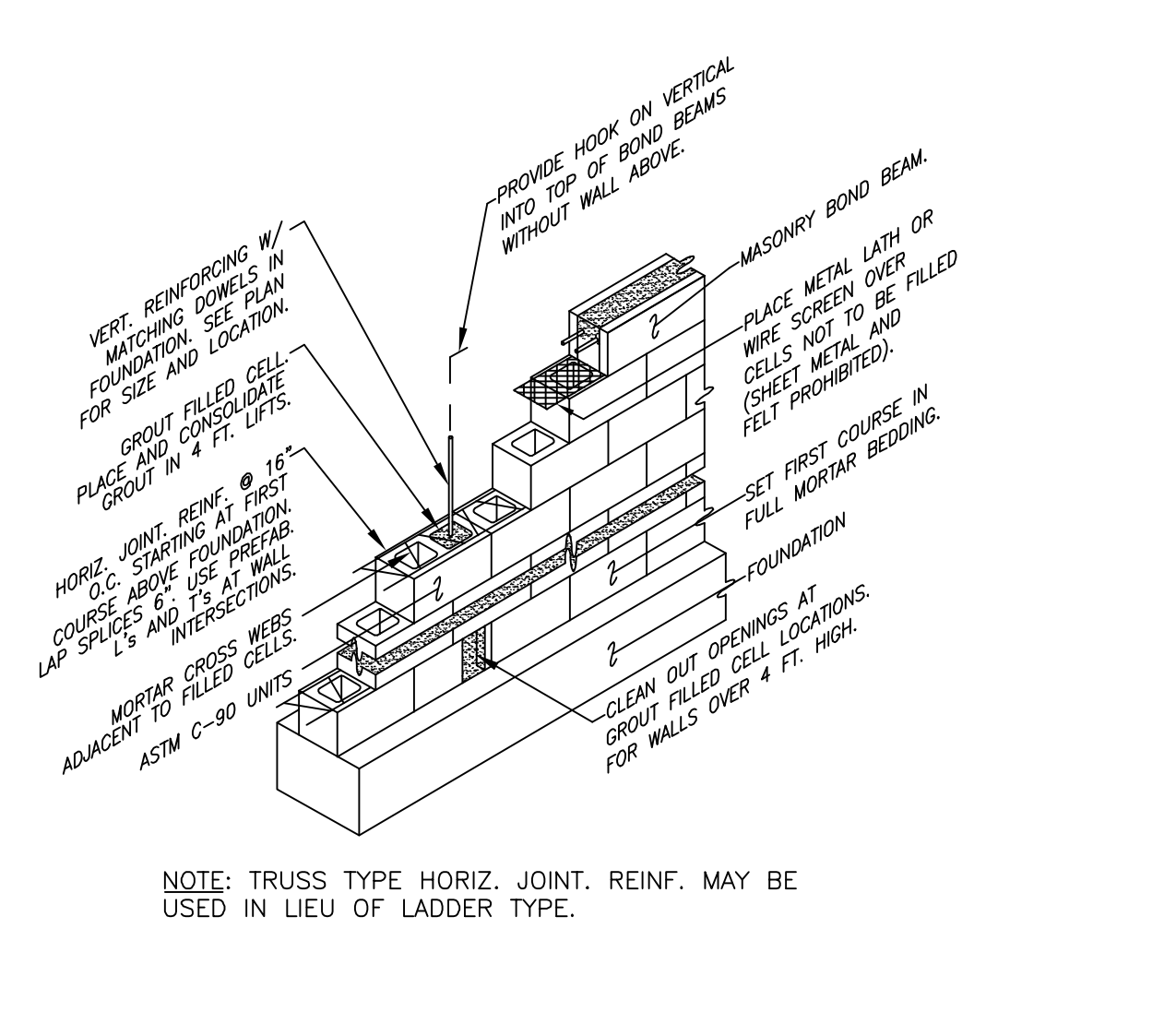
CONCRETE MASONRY LINTEL SCHEDULE					
MAX. CLEAR SPAN	DEPTH	BOTTOM BARS	INTERMEDIATE BARS	TOP BARS	JAMB
4'-0"	16"	2 #4		2 #4	1 #5
6'-0"	16"	2 #5		2 #5	2 #5 (1 PER CELL)
8'-0"	24"	2 #5	2 #5	2 #5	2 #5 (1 PER CELL)
10'-0"	32"	2 #5	2 #5	2 #5	3 #5 (1 PER CELL)

NOTES:  
1. PROVIDE 4" MINIMUM END BEARING FOR LINTELS ≤ 4'-0". USE 8" BEARING FOR LINTELS > 4'-0". SHORTEN BEARING AND PRESERVE FACE SHELL AT T-JOINTS AT EXTERIOR WALLS.  
2. SHORE LINTELS UNTIL GROUT HAS REACHED DESIGN STRENGTH.  
3. PROVIDE LONGIT. BARS EQUAL TO T&B BARS IN ALL CELLS FOR LINTELS > 16" DEEP. OMIT AT INTERIOR WALLS.  
4. CONSULT ENGINEER FOR SPANS NOT SHOWN

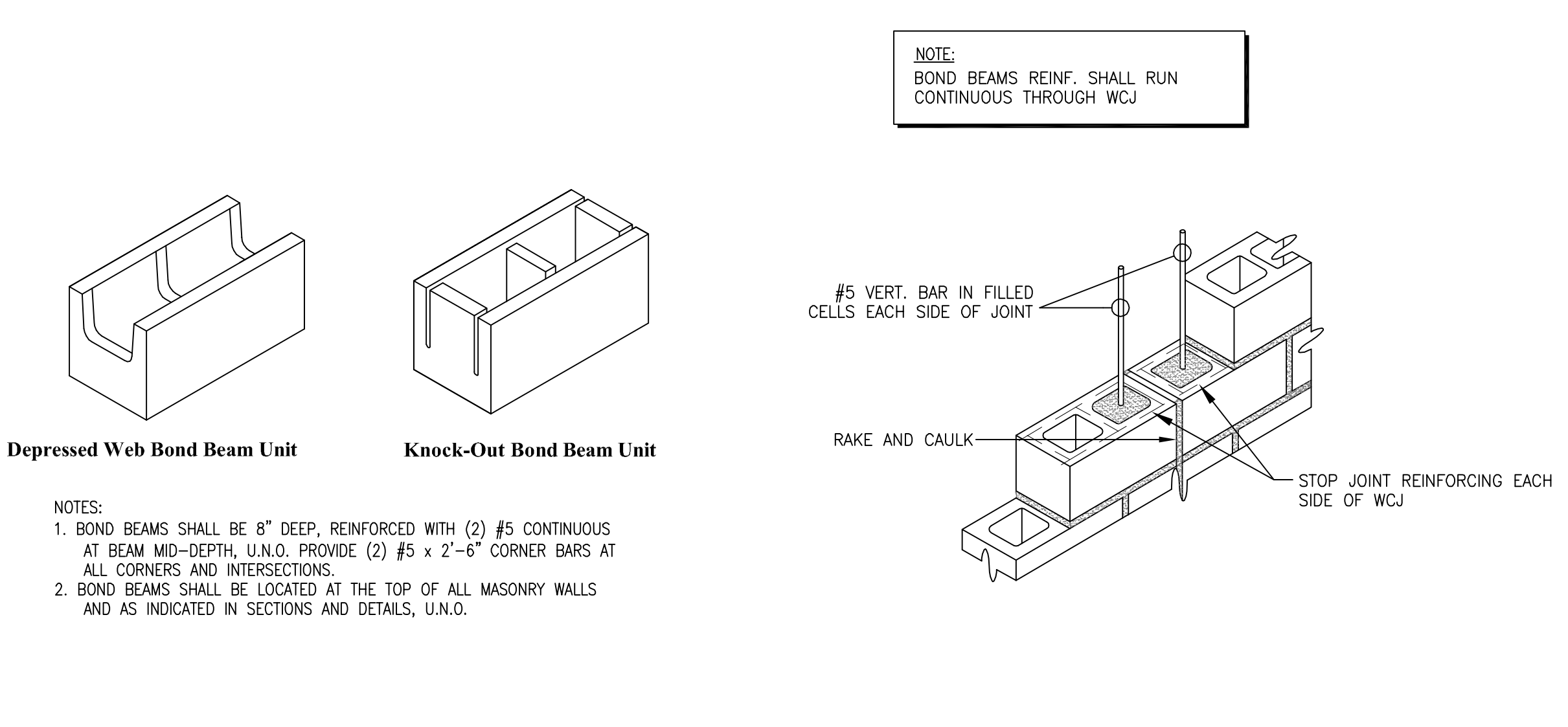
8 CMU LINTEL SCHEDULE  
S2.10 NOT TO SCALE



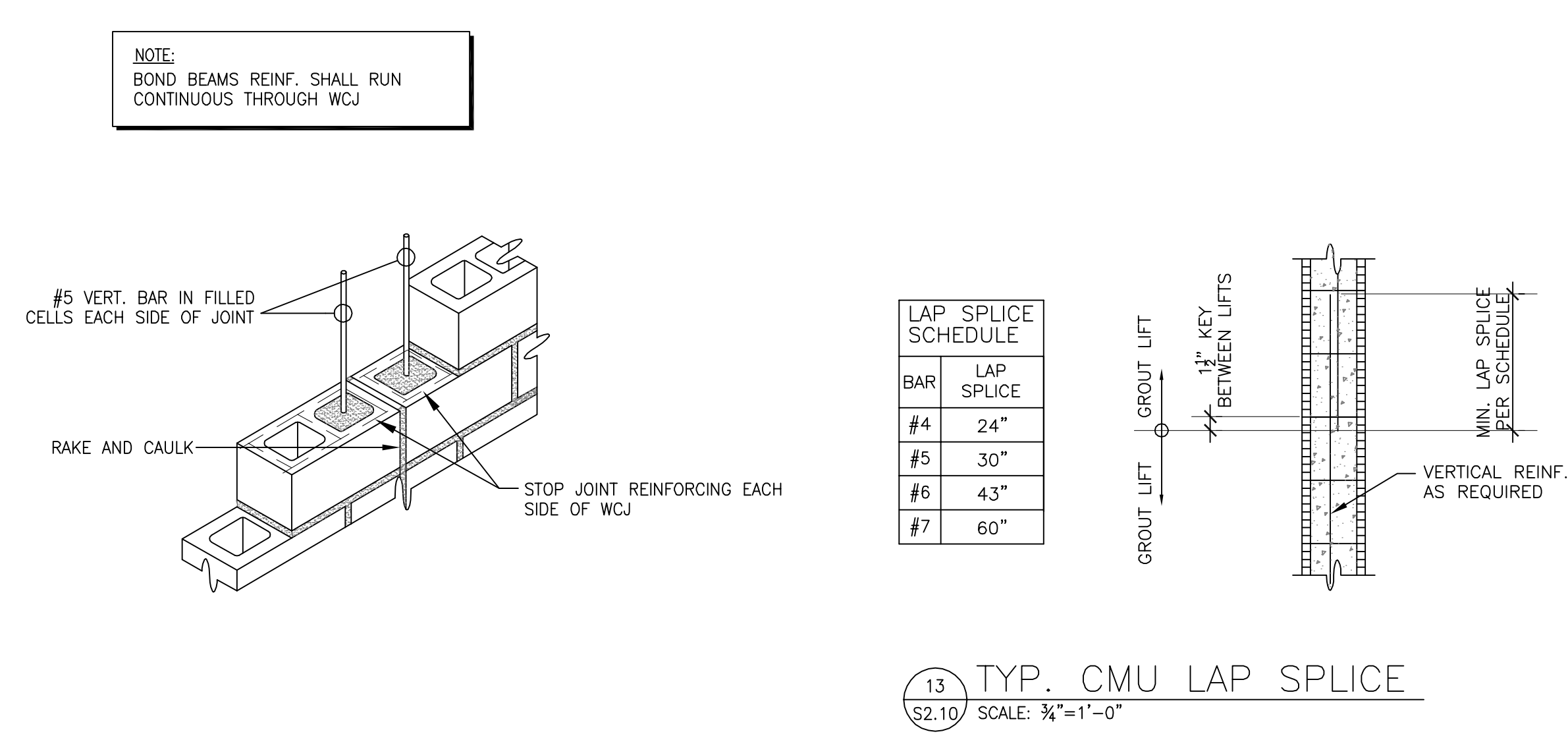
9 TYP. MASONRY WALL CONSTRUCTION  
S2.10 NOT TO SCALE



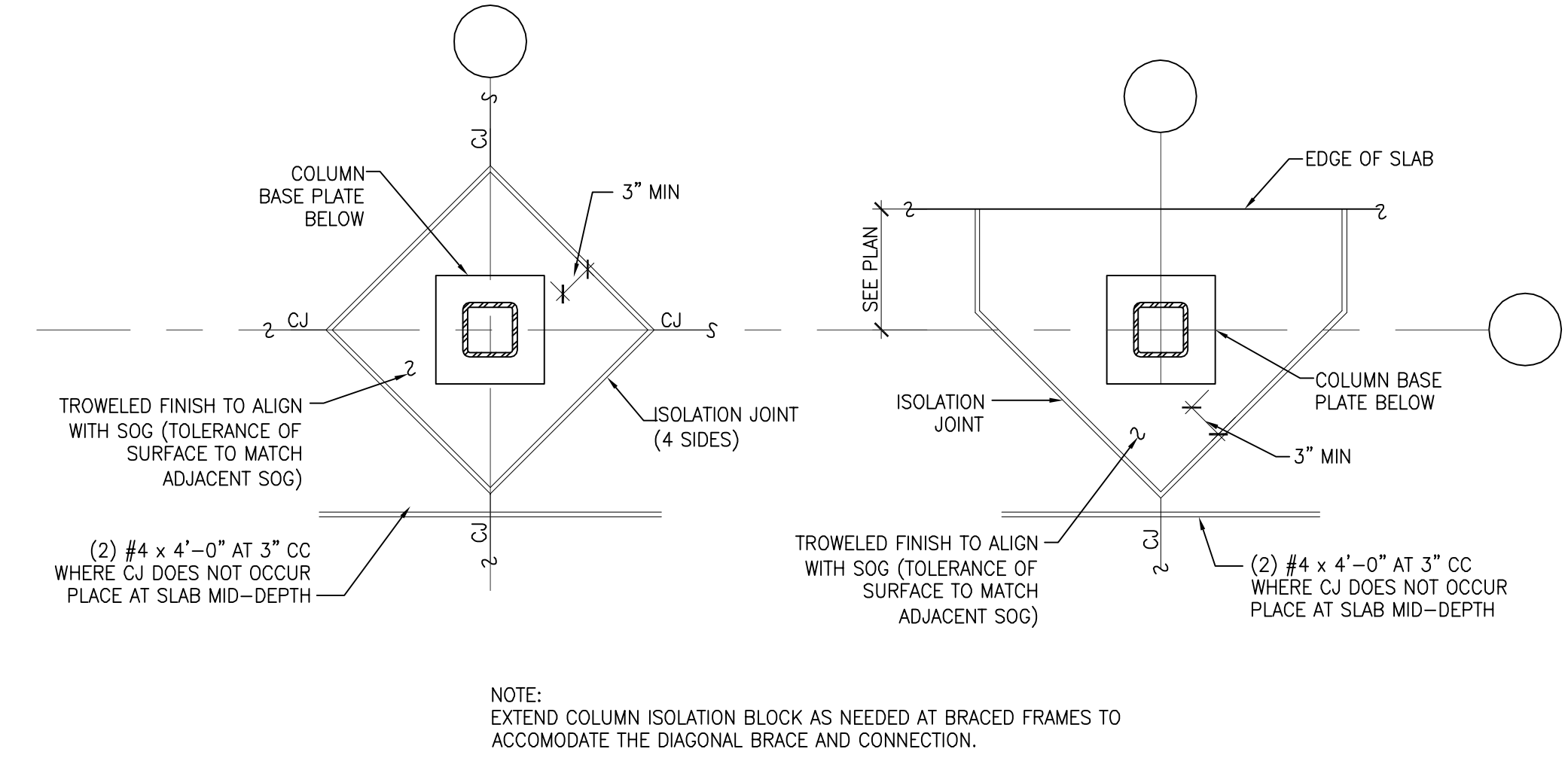
10 TYP. MASONRY WALL CONSTRUCTION  
S2.10 NOT TO SCALE



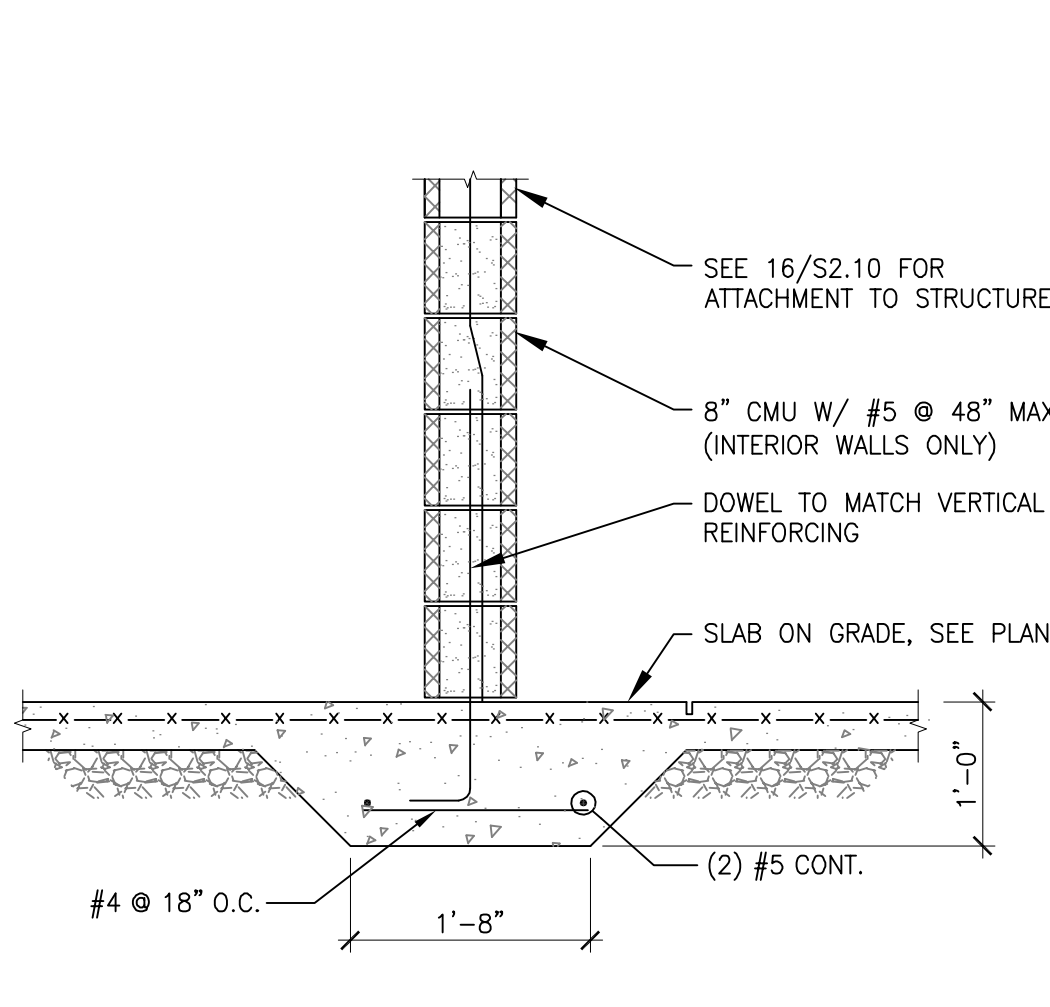
11 TYP. MASONRY BOND BEAM  
S2.10 NOT TO SCALE



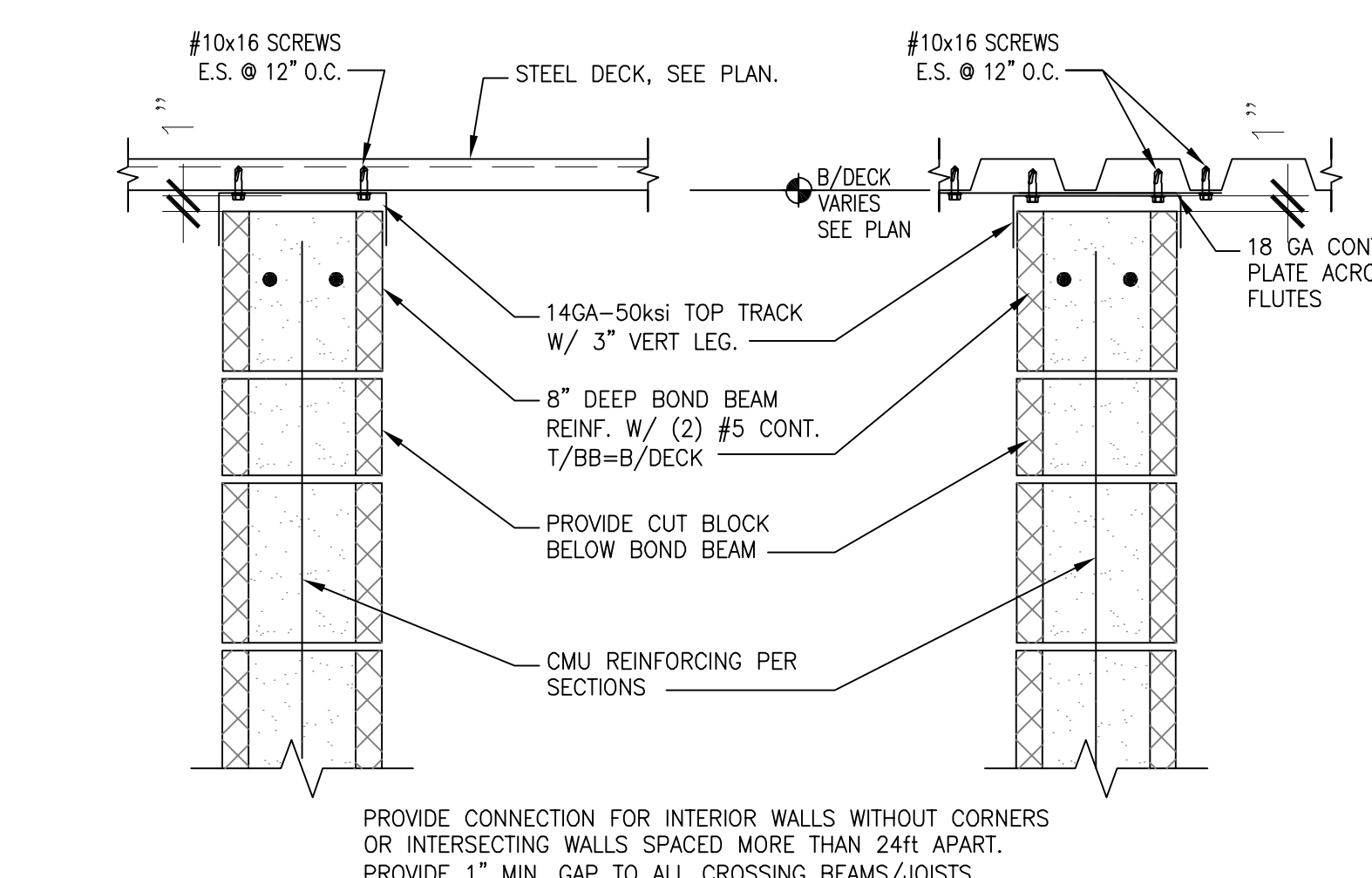
12 TYP. MASONRY CONTROL JOINT  
S2.10 NOT TO SCALE



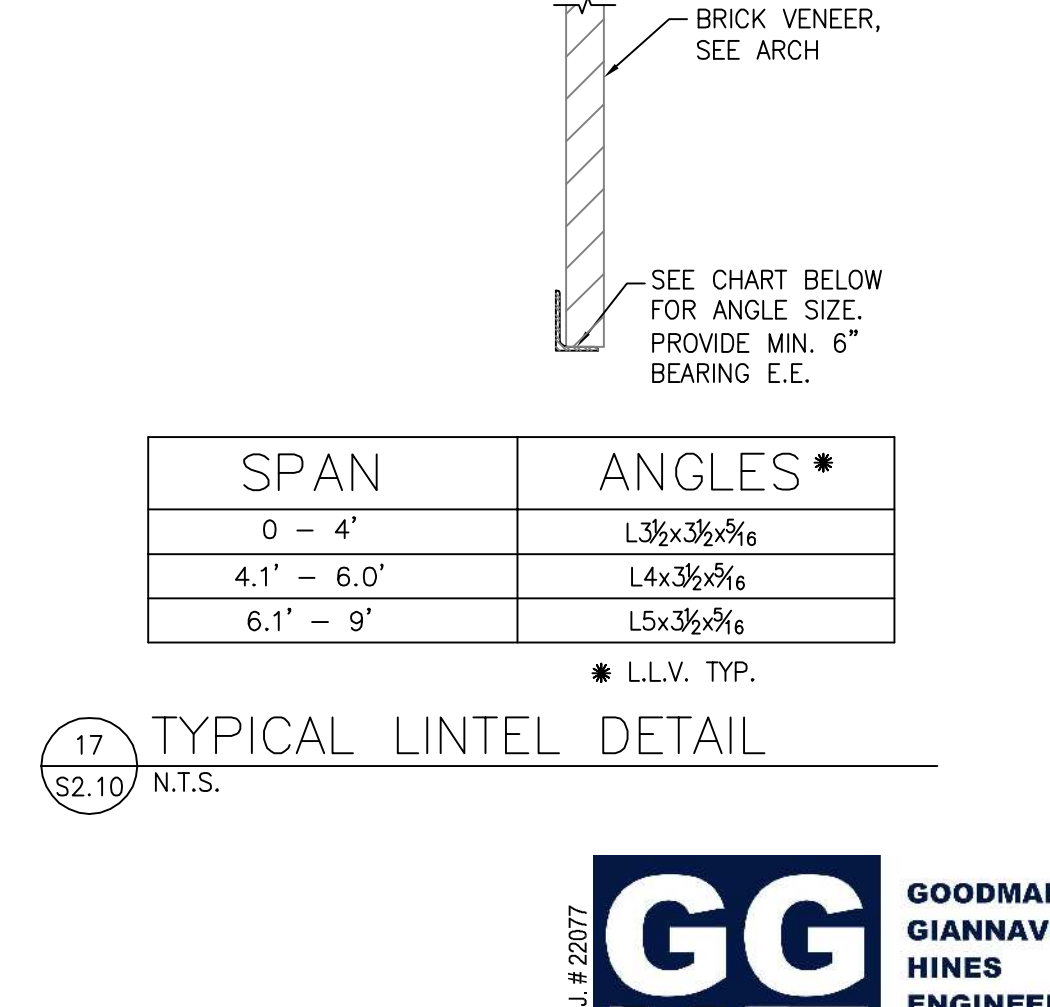
14 SLAB ISOLATION JOINT AT COLUMN  
S2.10 SCALE: 3/4"=1'-0"



15 INTERIOR CMU WALL FOOTING  
S2.10 SCALE: 3/4"=1'-0"



16 INTERIOR CMU WALL TO DECK ATTACHMENT  
S2.10 SCALE: 1/2"=1'-0"

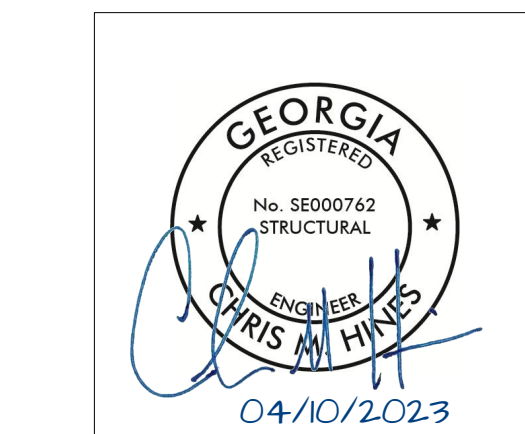


17 TYPICAL LINTEL DETAIL  
S2.10 N.T.S.

New  
Gymnasium for  
Union County

51 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

RELEASED FOR CONSTRUCTION		
Revisions		
No.	Date	Description
	04.10.23	Bid Set



Gardner  
Spencer  
Smith  
&  
Tench  
Jarbeau

A Professional Corporation  
for the Practice of Architecture

www.gsstj.com

Tower Place  
3340 Peachtree Road, N.E.  
Suite 1800  
Atlanta, Georgia 30326  
404.522.8805  
404.521.2118 (F)

22102

PROJECT NO.

SHEET TITLE

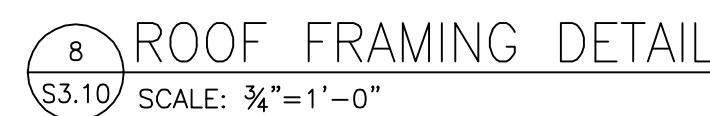
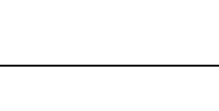
Foundation Sections

SHEET NO.

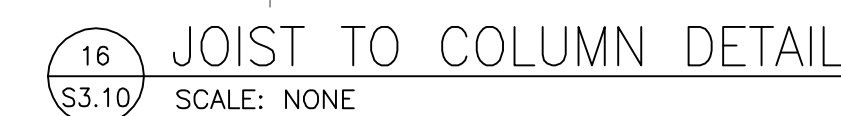
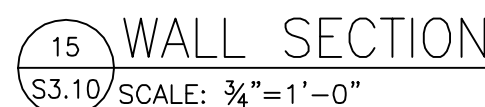
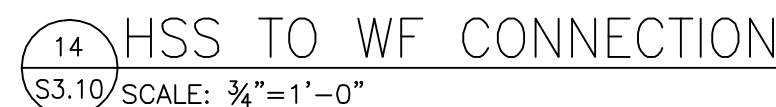
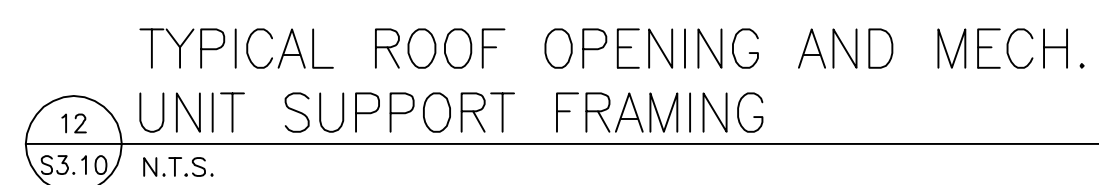
S-2.10



1 COLUMN SCHEDULE  
S3.10 NOT TO SCALE



14 HSS TO WF CONNECTION  
S3.10 SCALE:  $\frac{3}{4}" = 1' - 0"$



RELEASED FOR CONSTRUCTION



A Professional Corporation  
for the Practice of Architecture

www.gsstj.com

	PROJECT NO.
--	-------------

2102

SHEET TITLE

## Sections and Details

SHEET NO.

2240

# S-3.10

**GGHE**  
GA FIRM # PFF007706

**GOODMAN  
GIANNAVOLA  
HINES  
ENGINEERS**  
311 14th STREET  
SUITE 2  
ATLANTA, GA 30318  
[GGHEngineers.com](http://GGHEngineers.com)

EXP 06/2024





51 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

[illegible]

Tower Place  
3340 Peachtree Road, N.E.  
Suite 1800  
Atlanta, Georgia 30326  
404.522.8805  
404.521.2118 (F)

22102

## Sections and Details

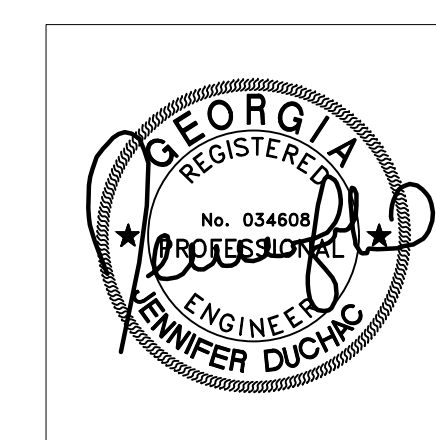
§ 2 12

# S-3.12







[illegible]

: Tower Place  
 : 3340 Peachtree Road, N.E.  
 : Suite 1800  
 : Atlanta, Georgia 30326  
 : 404.522.8805  
 : 404.521.2118 (F)

PROJECT NO.
-------------

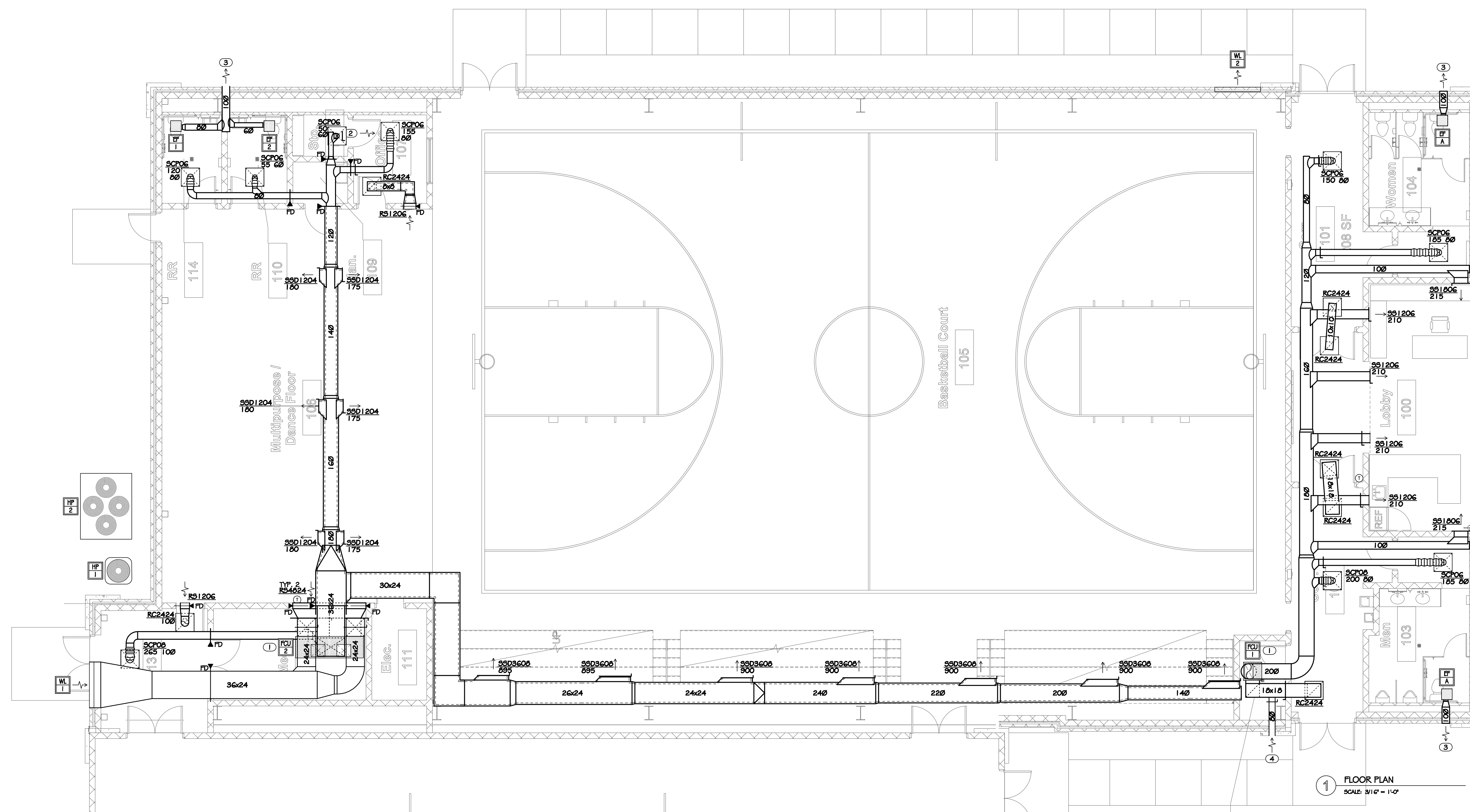
:22102

SHEET TITLE
-------------

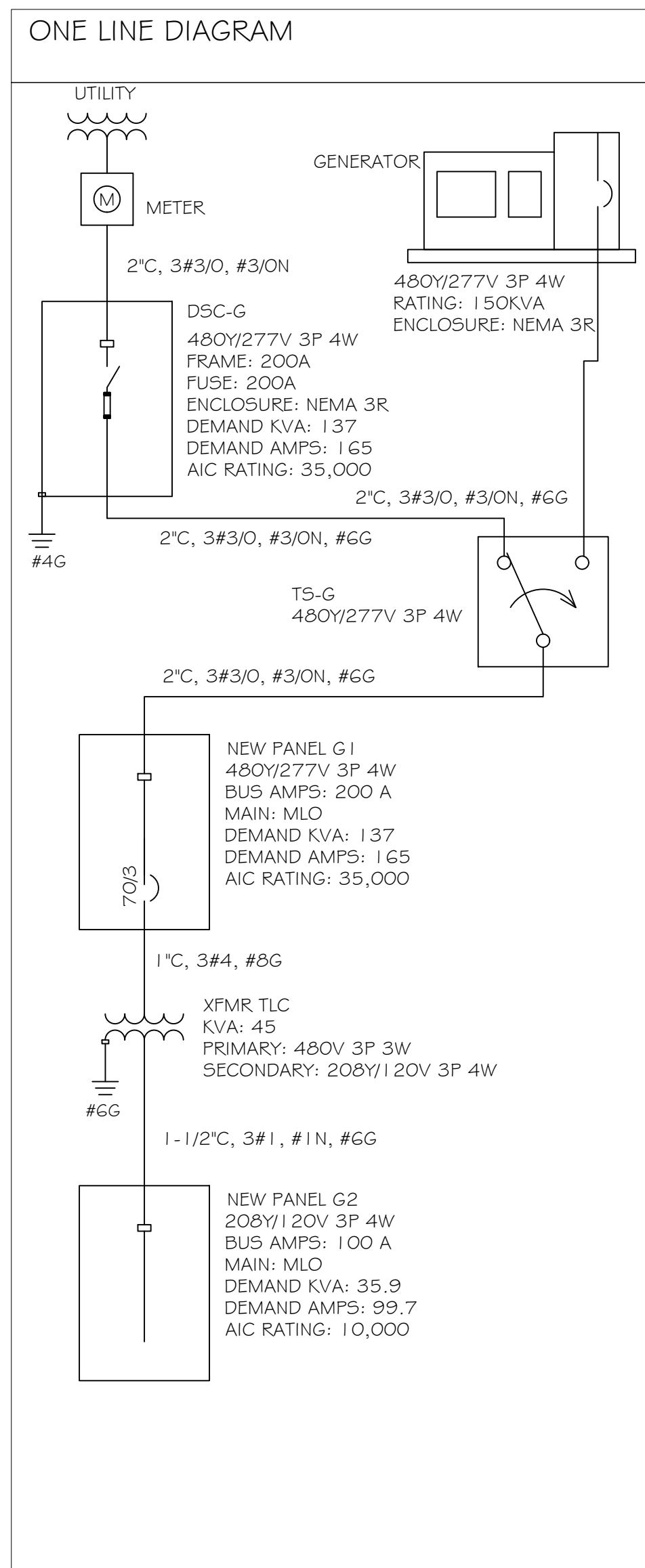
: FLOOR PLAN

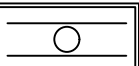





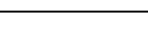


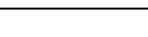



SHEET NO.
-----------

M1-01



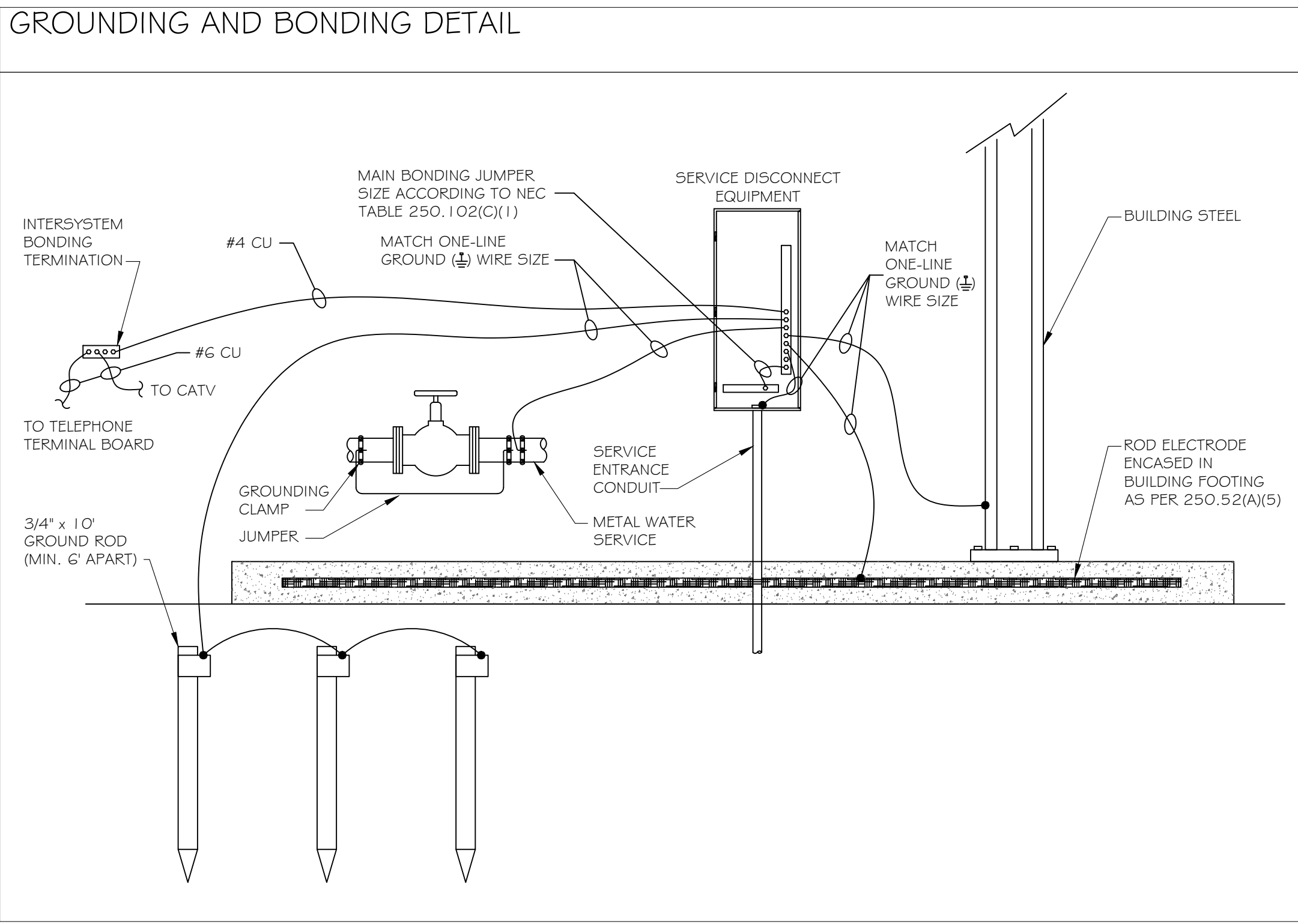




GYM LUMINAIRE SCHEDULE				
CALLOUT	SYMBOL	DESCRIPTION	MODEL	VOLTS
A		2X4 RECESSED TROFFER	LITHONIA LIGHTING: 2BLT4 48L ADP MVOLT E2 IO LP835	277V 1P 2W
AE		2X4 RECESSED TROFFER WITH BATTERY BALLAST	LITHONIA LIGHTING: 2BLT4 48L ADP MVOLT E2 IO LP835 EL14L	MULTIPLE
B		2X2 LED LIGHT FIXTURE	LITHONIA 2BLT2 40L ADP MVOLT E2 IO LP835	277V 1P 2W
BE		2X2 LED LIGHT FIXTURE W/ EMERGENCY BATTERY PACK	LITHONIA 2BLT2 40L ADP MVOLT E2 IO LP835 EL14L	277V 1P 2W
F		G; OPEN LED DOWNLIGHT	LITHONIA #LDNG 35/IO LOG WR L55 MVOLT E2 IO	277V 1P 2W
G		EXTERIOR GRADE DOWNLIGHT	TBD	MULTIPLE
H		LED HIGH BAY FIXTURE	LITHONIA #JBHL 35000LM ACL WD MVOLT G2 IO 35K 60CRI WGX C589 DW1XD	277V 1P 2W
HE		LED HIGH BAY FIXTURE W/BATTERY BACKUP	LITHONIA #JBHL 35000LM ACL WD MVOLT G2 IO 35K 60CRI WGX C589 DW1XD BSL722	277V 1P 2W
J		4' GENERAL PURPOSE LED STRIP LIGHT	LITHONIA #CLX L48 50000LM SEF FDL MVOLT E2 IO 35K 60CRI WH WGLCL4848	277V 1P 2W
JE		4' GENERAL PURPOSE LED STRIP LIGHT	LITHONIA #CLX L48 50000LM SEF FDL MVOLT E2 IO 35K 60CRI WH WGLCL4848 E1OWLCF	277V 1P 2W
K		EXTERIOR WALL PACK	LITHONIA #WST-LED2-10A70040K-SR3-277-SF-DNAXD	277V 1P 2W
P2		BEAM MOUNTED UPLIGHT STRIP	FEERLESS #EGGW4L LLP	277V 1P 2W
P2E		BEAM MOUNTED UPLIGHT STRIP	FEERLESS #EGGW4L LLP E1OWLCF	277V 1P 2W
S1		EXTERIOR SCONCE	VISA #OWI315 135K-H-MVOLT-BRNZ-BRNZ	277V 1P 2W
S2		INTERIOR SCONCE	VISA #CV2029 135K-H-MVOLT-BRNZ-BRNZ	277V 1P 2W

GYM EQUIPMENT SCHEDULE							
CALLOUT	SYMBOL	VOLTS	KVA	BREAKER	CIRCUIT	WIRE CALLOUT	DISCONNECT DESCRIPTION
EF-A		277V 1P 2W	0.24	20/1	G1-Ø	1/2", #10, #10N, #10G	FACTORY DISCONNECT SWITCH+PLUG
EF-A		277V 1P 2W	0.24	20/1	G1-Ø	1/2", #10, #10N, #10G	FACTORY DISCONNECT SWITCH+PLUG
FCU-1		208/120V 2P 3W	15.87	80/2	G2-35,37	1-1/4", 2#2, #2N, #8G	100A/2P/NEMA 1
FCU-2		480V 3P 4W	72	90/3	G1-7,9,11	1-1/4", 3#2, #2N, #8G	60A/2P/NEMA 1
HP-1		208/120V 2P 3W	6.66	50/2	G2-39,41	3/4", 2#6, #6N, #10G	60A/2P/NEMA 3R
HP-2		480V 3P 4W	33.92	50/3	G1-1,3,5	1", 3#6, #6N, #10G	60A/3P/NEMA 3R
IWH-1		277V 1P 2W	2.3	20/1	G1-10	1/2", #10, #10N, #10G	30A/2P/NEMA 1
IWH-2		277V 1P 2W	2.3	20/1	G1-12	1/2", #12, #12N, #12G	30A/2P/NEMA 1
IWH-3		277V 1P 2W	3.07	20/1	G1-14	1/2", #12, #12N, #12G	30A/2P/NEMA 1
WH-1		277V 1P 2W	3	20/1	G1-15	1/2", #12, #12N, #12G	30A/2P/NEMA 1

FAULT CURRENT SCHEDULE							
DEVICE	FAULT	AIC RATING	L-L VOLTS	L-N VOLTS	UTILITY		
					FAULT	X	R
DSC-G	7,968	35,000	480V	277V	7,790	0.03343	0.01212
G1	28,664	35,000	480V	277V	28,665	0.004631	0.008461
TLC	6,599	10,000	208V	120V	6,525	0.01747	0.005735
G2	6,245	10,000	208V	120V	6,170	0.01796	0.0074
DSC-A	21,065	35,000	208V	120V	20,735	0.004893	0.00309
A	32,620	35,000	208V	120V	32,289	0.001619	0.003345



G.I.											
ROOM MOUNTING SURFACE FED FROM TS-6 NOTE			VOLTS 480Y/277V 3P 4W BUS AMPS 200 NEUTRAL 100%				AIC 35,000 MAIN BKR MLO LUGS STANDARD				
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1			11.3			2	20/3	SFAPCE	0.0		
3	50/3	HP-2		11.3		4				0.0	
5					11.3	6					0.0
7	90/3	FCU-2	24.0			8	20/1	EF-A, LIGHTING	2.1		
9				24.0		10	20/1	IWH-1		2.3	
11					24.0	12	20/1	IWH-2			2.3
13	20/1	EF-1, EF-2, LIGHTING	1.5			14	20/1	IWH-3	3.1		
15	20/1	WH-1		3.0		16	20/1	LIGHTING		2.9	
17	20/1	LIGHTING			0.5	18	20/1	LIGHTING			2.9
19	20/1		0.0			20	20/1	SPACE	0.0		
21	20/1	SPACE		0.0		22	20/1	SPACE		0.0	
23	20/1	SPACE			0.0	24	20/1	SPACE			0.0
25	20/1	SPACE	0.0			26	20/1	SPACE	0.0		
27	20/1	SPACE		0.0		28	20/1	SPACE		0.0	
29	20/1	SPACE			0.0	30	20/1	SPACE			0.0
31	20/1	SPACE	0.0			32	20/3	SPACE	0.0		
33	20/1	SPACE		0.0		34				0.0	
35	20/1	SPACE			0.0	36					0.0
37	20/1	SPACE	0.0			38	70/3	XPMR TLC	17.6		
39	20/1			0.0		40				13.9	
41	20/1	SPACE			0.0	42					15.5
TOTAL CONNECTED KVA BY PHASE									59.6	57.4	56.5
TOTAL CONNECTED AMPS BY PHASE									215.0	207.2	204.0
		CONN KVA	CALC KVA					CONN KVA	CALC KVA		
LIGHTING		9.0	11.2			RECEPTACLES		22.3	16.2		(50%> 10)
LARGEST MOTOR		33.9	8.5			NONCONTINUOUS		12.9	12.9		(100%)
MOTORS		0.8	0.8			HEATING		87.9	87.9		(100%)
			(100%)			COOLING		40.6	0.0		(0%)
						TOTAL LOAD		137.4			
						BALANCED 3-PHASE LOAD		165.3 A			

G2

ROOM MOUNTING SURFACE

FED FROM TLC

NOTE NEMA 1

VOLTS 208Y/120V 3P 4W

BUS AMPS 100

NEUTRAL 100%

A/C 10,000

MAIN BKR MLO

LUGS STANDARD

CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	20/I	RECEPTACLE	0.2			2	20/I	RECEPTACLE	0.2		
3	20/I	FLTURE TROPHY LIGHTING		0.4		4	20/I	RECEPTACLE		0.9	
5	20/I	MOTORIZED BLEACHERS			0.5	6	20/I	RECEPTACLE			0.9
7	20/I	SPACE	0.0			8	20/I	RECEPTACLE	0.5		
9	20/I	RECEPTACLE		0.7		10	20/I	RECEPTACLE		0.2	
11	20/I	WATER COOLER			0.6	12	20/I	RECEPTACLE			0.2
13	20/I	WATER COOLER	0.6			14	20/I	RECEPTACLE	1.1		
15	20/I	RECEPTACLE		0.7		16	20/I	RECEPTACLE		0.5	
17	20/I	HAND DRYER			0.4	18	20/I	GOAL MOTOR			1.6
19	20/I	HAND DRYER	0.4			20	20/I	GOAL MOTOR	1.6		
21	20/I	SCOREBOARD		1.0		22	20/I	GOAL MOTOR		1.6	
23	20/I	VOTING EQUIPMENT			0.4	24	20/I	GOAL MOTOR			1.6
25	20/I	TBL SCOREBOARD	1.0			26	20/I	VOTING EQUIPMENT	0.4		
27	20/I	SPACE		0.0		28	20/I	VOTING EQUIPMENT		0.4	
29	20/I	SPACE			0.0	30	20/I	VOTING EQUIPMENT			0.4
31	20/I	VOTING EQUIPMENT	0.4			32	20/I	VOTING EQUIPMENT	0.4		
33	20/I	VOTING EQUIPMENT		0.4		34	20/I	VOTING EQUIPMENT		0.4	
35	60/2	FCU-1			7.9	36	20/I	VOTING EQUIPMENT			0.4
37			7.9			38	20/I	VOTING EQUIPMENT	0.4		
39	50/2	HP-1		3.3		40	20/I	VOTING EQUIPMENT		0.4	
41					3.3	42	20/I	VOTING EQUIPMENT			0.4
43	20/I	VOTING EQUIPMENT	0.4			44	20/I	VOTING EQUIPMENT	0.4		
45	20/I	VOTING EQUIPMENT		0.4		46	20/I	VOTING EQUIPMENT		0.4	
47	20/I	VOTING EQUIPMENT			0.4	48	20/I	VOTING EQUIPMENT			0.4
49	20/I	VOTING EQUIPMENT	0.4			50	20/I	SPACE	0.0		
51	20/I	VOTING EQUIPMENT		0.4		52	20/I	SPACE		0.0	
53	20/I	SPACE			0.0	54	20/I	SPACE			0.0
55	20/I	SPACE	0.0			56	20/I	SPACE	0.0		
57	20/I	SPACE				58	20/I	SPACE		0.0	
59	20/I	SPACE		0.0		60	20/I	SPACE			0.0
						TOTAL CONNECTED KVA BY PHASE			16.0	11.9	19.2
						TOTAL CONNECTED AMPA BY PHASE			138.6	100.2	161.5
			CONN KVA		CALC KVA				CONN KVA		CALC KVA
LARGEST MOTOR			6.7		(25%)	NONCONTINUOUS			2.2		(100%)
RECEPTACLES			22.3		(50%>10)	HEATING			15.9		(15.9)
						COOLING			6.7		(0.0%)
						TOTAL LOAD			35.9		
						BALANCED 3-PHASE LOAD			99.7 A		

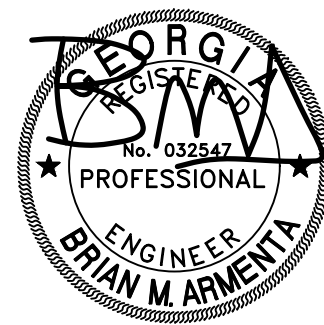
Union County  
Gymnasium

51 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

[illegible]

· Tower Place  
· 3340 Peachtree Road, N.E.  
· Suite 1800  
· Atlanta, Georgia 30326  
· 404.522.8805  
· 404.521.2118 (F)

PROJECT NO.	22102
SHEET TITLE	SCHEDULES
SHEET NO.	

[illegible]

**PROFICIENT**  
ENGINEERING  
6991 Peachtree Industrial Blvd Building 700  
Peachtree Corners, Georgia 30092  
404.330.9758  
PROJECT # 122809

Tower Place  
3340 Peachtree Road, N.E.  
Suite 1800  
Atlanta, Georgia 30326  
404.522.8805  
404.521.2118 (F)

PROJECT NO.

22102

COMPLIANCE  
REPORT

SHEET NO.

E0-03

[illegible]

ALL RECEPTACLES SHALL BE GROUNDED AS REQUIRED BY ARTICLE 250-14G.

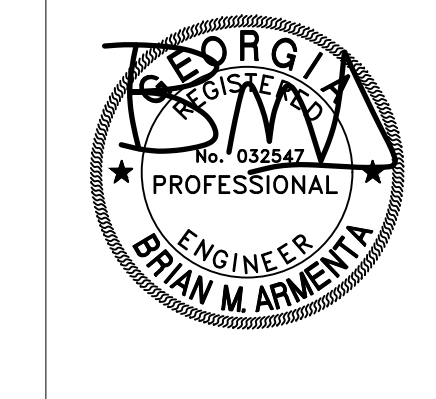
ALL DATAPHONE OUTLETS SHALL BE PROVIDED WITH 3/4" CONDUIT STUBBED UP FROM OUTLET BOX TO 10" ABOVE CEILING, TURNED 90 DEGREES, AND TERMINATED WITH NYLON BUSHINGS. PROVIDE 100# PULLSTRING INSIDE EACH RACEWAY.

OTHER THAN RECEPTACLE AND OUTLET DEVICES THAT ARE MOUNTED BELOW 24" AND ABOVE 15' FROM FINISHED FLOOR, ALL INSTALLED DEVICES SHALL BE PROTECTED WITH WIRE GUARD.

RECEPTACLES IN GYM AND OFFICE TO BE INSTALLED WITH SEPERATE NEUTRAL CONDUCTORS.

- ① UNLESS OTHERWISE NOTED, RECEPTACLE AND JUNCTION BOX FOR THE SCOREBOARD SHALL BE LOCATED AT MINIMUM 180 A.F.F. FIELD COORDINATE EXACT LOCATION OWNER/ARCHITECT IN FIELD.
- ② 3/4" EMPTY CONDUIT JUNCTION BOX TO BE EXTENDED TO GYM SOUND EQUIPMENT.
- ③ FIELD COORDINATE EXACT LOCATION AND ELECTRICAL REQUIREMENTS OF GYM MOTORS WITH GOAL SUPPLIER. CONTRACTOR TO CONNECT CIRCUIT TO BOTH GOAL PANEL RAISING/LOWER MOTOR AND HEIGHT ADJUSTMENT MOTORS.
- ④ LOCATION OF GOAL MOTOR RELAY CONTROL PANEL. FIELD COORDINATE EXACT LOCATION WITH OWNER/INSTALLER IN FIELD.
- ⑤ PROVIDE 1" CONDUIT FROM SCOREBOARD AND SHOT CLOCK TO CONTROL LOCATION FOR A HARDWIRED CONTROL SYSTEM.
- ⑥ POWER FOR HAND DRYER. FIELD COORDINATE EXACT LOCATION AND ELECTRICAL REQUIREMENTS WITH OWNER/INSTALLER IN FIELD.
- ⑦ LOCATION OF NEW DISTRIBUTION EQUIPMENT. FIELD COORDINATE EXACT LOCATION WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN.
- ⑧ FIELD COORDINATE EXACT LOCATION OF TELEPHONE UTILITY CONDUIT AND LOCATE TELEPHONE TERMINAL BOARD.
- ⑨ ROUTE (2) 2" C FROM TELEPHONE UTILITY DEMARCATION POINT WITH FULL STRING.
- ⑩ WATER HEATER MOUNTED ON SHELF. SEE PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- ⑪ INSTANTANEOUS WATER HEAT MOUNTED UNDER FUTURE. SEE PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- ⑫ PROVIDE 3/4" EMPTY CONDUIT EXTENDED TO GYM SOUND EQUIPMENT -BOX, AT RECEPTACLE CONDUIT AND BACKSPOKES FOR GYM SOUND SYSTEM ARE TO BE INCLUDED. ALL SOUND SYSTEM CABLEING AND EQUIPMENT IS TO BE PROVIDED PER SPECIFICATIONS. POWER TO BE COORDINATED WITH OWNERS AV SOUND SYSTEM CONSULTANT.
- ⑬ DIESEL GENERATOR 480/277V, 3PH, 4W WITH SUB-BASE TANK. CONTRACTOR TO COORDINATE EXACT LOCATION AND REQUIREMENTS PRIOR TO INSTALLATION.
- ⑭ POWER FOR FUTURE TROPHY CASE LIGHTING. FIELD COORDINATE EXACT LOCATION WITH OWNER/ARCHITECT.
- ⑮ POWER FOR FUTURE RETRACTABLE BLEACHERS. FIELD COORDINATE EXACT LOCATION AND ELECTRICAL REQUIREMENTS WITH OWNER/ARCHITECT.

51 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

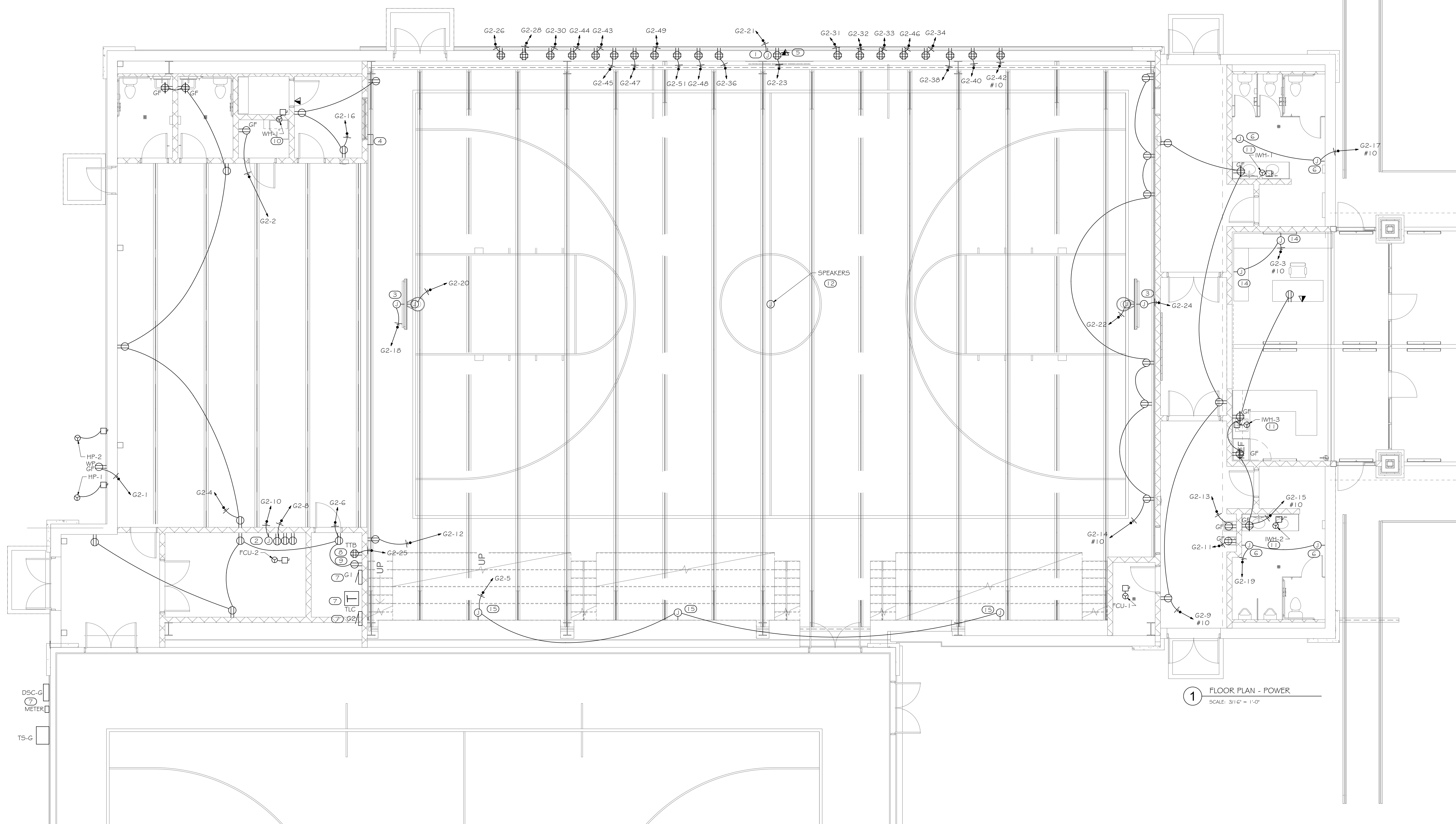
[illegible]

- Tower Place
- 3340 Peachtree Road, N.E.
- Suite 1800
- Atlanta, Georgia 30326
- 404.522.8805
- 404.521.2118 (F)

:22102

: FLOOR PLAN -  
 : POWER

E1-01



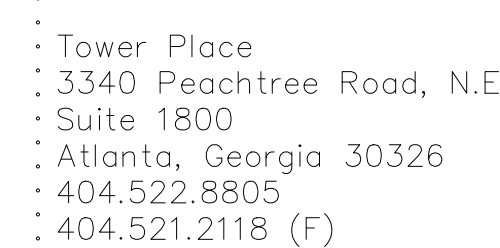
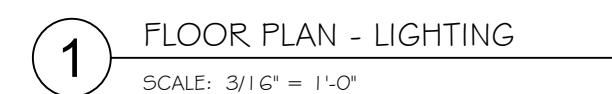
©2019 THESE DOCUMENTS REMAIN THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED OR REPRODUCED WITHOUT WRITTEN

©2019 THESE DOCUMENTS REMAIN THE PROPERTY OF THE

REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF ALL CEILING MOUNTED DEVICES.

PROVIDE UNSWITCHED HOT LEG OF CIRCUIT TO EMERGENCY LIGHTING AND EXIT SIGNS.

① FIELD COORDINATE TO PROVIDE TRANSFORMER FOR 120V/1P EXHAUST FAN AS REQUIRED. EXHAUST FAN TO BE CONTROLLED WITH LIGHT SWITCH.

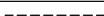
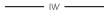


:22102

: FLOOR PLAN -  
: LIGHTING

E1-02

AAV	AIR ADMITTANCE VALVE	IMB	ICE MACHINE BOX
AC	ABOVE CEILING	IE	INVERT ELEVATION
AF	ABOVE FLOOR	IWH	INSTANTANEOUS WATER HEATER
AFI, AFG	ABOVE FINISHED FLOOR/GRADE	L, LAV	LAVATORY
B/F, B/G	BELOW FLOOR/GRADE	MBH	1000 BTU/HR
BFP	BACKFLOW PREVENTER	MS	MOP SINK
CD	CONDENSATE DRAIN	MV	MIXING VALVE
CONT	CONTINUATION	OH	OVERHEAD
CW	COLD WATER	G	NATURAL GAS
DN	DOWN	PD	PUMPED DISCHARGE
ET	EXPANSION TANK	PRV	PRESSURE REDUCING VALVE
EWC	ELECTRIC WATER COOLER	RP	RECIRCULATION PUMP
ex.	EXISTING	S, SAN	SANITARY
FCO	FLOOR CLEANOUT	SH	SHOWER
FD	FLOOR DRAIN	SK	SINK
FHB	FREEZEPROOF HOSE BIBB	TP	TRAP PRIMER
FS	FLOOR SINK	TYP	TYPICAL
FRH	FREEZEPROOF ROOF HYDRANT	UR	URINAL
FWH	FREEZEPROOF WALL HYDRANT	V	VENT
GCO	GRADE CLEANOUT	VTR	VENT THROUGH ROOF
GI	GREASE INTERCEPTOR	WC	WATER CLOSET
HB	HOSE BIBB	W.C.	WATER COLUMN
HD	HUB DRAIN	WCO	WALL CLEANOUT
HW	HOT WATER	WHA	WATER HAMMER ARRESTER
HWR	HOT WATER RETURN	WMB	WASHING MACHINE BOX

	COLD WATER PIPE
	HOT WATER PIPE
	HOT WATER RETURN PIPE
	SANITARY PIPE
	VENT PIPE
	NATURAL GAS PIPE
	GREASE WASTE PIPE
	FIRE SPRINKLER PIPE
	STORM PIPE
	EMERGENCY STORM PIPE
	INDIRECT WASTE PIPE
	PUMPED DISCHARGE
	FILTERED WATER PIPE
	PIPE UP / PIPE DOWN
	PIPE TEE FROM TOP / TEE FROM BOTTOM
	PIPE CAP / PIPE CONTINUATION
	DIRECTIONAL FLOW ARROW
	BALL VALVE / CHECK VALVE
	MIXING VALVE / PRESSURE REDUCING VALVE
	BACKFLOW PREVENTER ASSEMBLY
	WALL HYDRANT / HOSE BIBB
	FLOOR DRAIN / FLOOR SINK
	WATER HAMMER ARRESTOR
	GA5 COCK / GA5 SOLENOID VALVE
	F-TRAP
	HUB DRAIN
	TRAP PRIMER
	FLOOR CLEANOUT / GRADE CLEANOUT
	VENT THROUGH ROOF
	PIPE CLEANOUT / WALL CLEANOUT

**GENERAL**

ALL WORK SHALL COMPLY WITH ALL STATE, CITY AND LOCAL CODES, RULES AND REGULATIONS. CONTRACTOR SHALL SECURE ALL REQUIRED PERMITS AND INSPECTIONS ASSOCIATED WITH THIS WORK, AND SHALL PAY ALL COSTS AND FEES INVOLVED.

ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE BEST RECOGNIZED PRACTICE IN THE FIELD CONCERNED. MANUFACTURED ITEMS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PRINTED DIRECTIONS, SPECIFICATIONS AND RECOMMENDATIONS.

CONTRACTOR SHALL REVIEW ALL CONTRACT DOCUMENTS AND SHALL BE FAMILIAR WITH THE SCOPE AND REQUIREMENTS OF THIS PROJECT. ANY DISCREPANCIES OR LACK OF CLARITY IN THE DOCUMENTS SHALL BE IDENTIFIED TO THE ARCHITECT OR ENGINEER PRIOR TO THE SUBMISSION OF PRICING BIDS. WITH A SUBMITTED BID, CONTRACTOR IS ACCEPTING THESE DOCUMENTS AS SUFFICIENT DEFINITION OF THE SCOPE OF WORK, AND ANY ADDITIONAL COSTS BASED ON UNCLEARITY OF CONTRACT DOCUMENTS WILL NOT BE CONSIDERED.

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS FOR EQUIPMENT INSTALLATION PRIOR TO THE SUBMITTAL OF SHOP DRAWINGS. ALL EQUIPMENT AND DEVICES SHALL BE AVAILABLE TO THE POINT THAT THEY ARE EASILY ACCESSIBLE AND SERVICEABLE. THIS EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO: PLUMBING FIXTURES, WATER HEATERS, EXPANSION TANKS, PUMPS, BACKFLOW PREVENTERS, VALVES, MIXING VALVES, THERMOMETERS, GAUGES, TRAP PRIMERS AND CLEANOUPS.

THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE FULL SET OF CONSTRUCTION DOCUMENTS, INCLUDING ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL & ELECTRICAL DRAWINGS (AS APPLICABLE) TO ENSURE ALL PLUMBING WORK IS COORDINATED WITH PHYSICAL CONDITIONS AND ALL OTHER TRADES.

THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE ARCHITECTURAL DRAWINGS TO ENSURE THERE IS ADEQUATE WALL THICKNESS SUCH THAT ALL PIPING, FIXTURE CARRIERS, WALL CLEANOUPS, WALL BOXES, WALL HYDRANTS AND ACCESS PANELS WILL FIT IN THE WALL SPACE. CONTRACTOR SHALL NOTIFY THE ARCHITECT IF WALL SPACE IS INADEQUATE PRIOR TO COMMENCING WORK.

THE CONTRACTOR SHALL OBTAIN EXACT WALL, FIXTURE, AND LAYOUT DIMENSIONS FROM THE ARCHITECTURAL DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ROUGH-IN AND INSTALLATION DRAWINGS FOR ALL PLUMBING FIXTURES, KITCHEN EQUIPMENT AND OWNER FURNISHED EQUIPMENT (AS APPLICABLE), AND SHALL COORDINATE THE PLUMBING INSTALLATION PRIOR TO COMMENCING THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL NECESSARY VALVES, CONNECTIONS, TRAPS, ACCESS PANELS, UNITS, ESCUTCHEONS, WATER HAMMER ARRESTORS, VACUUM BREAKERS, RELIEF VALVES, PIPE INSULATION, AND EQUIPMENT SPECIALLY DESIGNED AS REQUIRED TO FACILITATE COMPLETE AND OPERATIONAL CONDITIONS WHICH ARE IN STRICT COMPLIANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

THESE DRAWINGS ARE DIAGRAMMATIC AND DO NOT REFLECT ALL POSSIBLE PHYSICAL CONDITIONS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS AND EXACT LOCATIONS OF EQUIPMENT AND FIXTURES. PROVIDE NECESSARY PIPING OFFSETS TO COORDINATE WITH THE BUILDING STRUCTURE, WORK OF OTHER TRADES, AND CONNECTION TO SITE UTILITIES (AS APPLICABLE).

COORDINATE THE ELECTRICAL REQUIREMENTS AND CHARACTERISTICS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL CONTRACTOR PRIOR TO ISSUING SUBMITTALS OR PURCHASING EQUIPMENT.

UNLESS NOTED OTHERWISE, ALL DRAINAGE PIPING SHALL BE SLOPED AT A MINIMUM OF  $\frac{1}{8}$ " PER FOOT. 2" SANITARY PIPING AND ALL GREASE WASTE PIPING SHALL BE SLOPED AT  $\frac{1}{4}$ " PER FOOT.

DOMESTIC WATER PIPING SHALL BE FURGED OF DELETERIOUS MATTER AND DISINFECTED PRIOR TO UTILIZATION. PIPING TO BE FLUSHED AND STERILIZED IN ACCORDANCE WITH IPC 610.1, AND ALL APPLICABLE LOCAL AND STATE HEALTH DEPARTMENT STANDARDS.

ALL DOMESTIC WATER PIPING, SANITARY P-TRAPS AND GREASE WASTE PIPING SUBJECT TO FREEZING SHALL BE INSULATED AND PROVIDED WITH HEAT TRACE. CONDENSATE PIPING SUBJECT TO FREEZING WITHIN WALK-IN FREEZERS SHALL BE INSULATED AND PROVIDED WITH HEAT TRACE. PIPING INSTALLED IN INTERIOR WALLS SHALL BE WRAPPED IN 1" THICK FOAM INSULATION AND BE LOCATED ON THE INTERIOR SIDE OF THE BUILDING INSULATION. IF INSTALLED IN EXTERIOR BLOCK WALLS, EXTERIOR WALL SPACES SHALL BE FILLED WITH FOAM INSULATION.

IN CONCEALED LOCATIONS WHERE PIPING, OTHER THAN CAST-IRON OR GALVANIZED STEEL, IS INSTALLED THROUGH HOLES OR NOTCHES IN STUDS, JOISTS, OR SIMILAR MEMBERS LESS THAN  $\frac{1}{2}$ " FROM THE NEAREST EDGE OF MEMBER, PIPE SHALL BE PROTECTED BY STEEL, SLIP PLATES IN ACCORDANCE WITH IPC 305.6.

PIPE PENETRATIONS THROUGH FIRE RATED WALLS OR FLOORS SHALL HAVE EQUIVALENTLY RATED SLEEVES AND SHALL BE SEALED AND FIRE CAULKED WITH A U.L. LISTED FIRE STOPPING SYSTEM INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S LISTED DETAILS AND SPECIFICATIONS.

THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE REQUIREMENTS OF THE COUNTY HEALTH DEPARTMENT AND OTHER LOCAL AUTHORITIES HAVING JURISDICTION REGARDING CROSS CONNECTION CONTROL OR OBTAINING A FOOD SERVICE PERMIT (AS APPLICABLE). REPORT ANY OBSERVED DISCREPANCIES TO THE ARCHITECT OR ENGINEER PRIOR TO COMMENCING WITH THE WORK.

CONTRACTOR SHALL CONFIRM PLUMBING FIXTURE FINISHES WITH THE ARCHITECTURAL SCHEDULES & DETAILS (AS APPLICABLE).

DOMESTIC WATER SYSTEMS AND ACCESSORIES

WATER PIPING ABOVE SLAB: TYPE 1: HARD DRAWN COPPER TUBING, ASTM B88, WROUGHT SOLDER JOINTS, ANSI B81.12.2.

WATER PIPING BELOW SLAB: TYPE 1K: SOFT DRAWN COPPER TUBING, WITH NO JOINTS BELOW SLAB, ASTM B88.

ALL DOMESTIC HOT WATER PIPING SHALL HAVE A MINIMUM PRESSURE RATING OF 100PSI AT 180°F.

DOMESTIC WATER PIPING SHALL BE TESTED IN ACCORDANCE WITH ALL GOVERNING CODES. PIPING SHALL BE PURGED OF DELETERIOUS MATTER AND DISINFECTED PRIOR TO UTILIZATION. PIPING TO BE FLUSHED AND STERILIZED IN ACCORDANCE WITH IPC 610.0.1 AND ALL APPLICABLE LOCAL AND STATE HEALTH DEPARTMENT STANDARDS.

BALL VALVES SHALL BE TWO-PIECE BRONZE BODY, LARGE PORT WITH SOLID, SMOOTH BORE CHROME PLATED BRASS BALL. SEATS SHALL BE REINFORCED TIE WITH TEFLON PACKING RING AND THREADED ADJUSTABLE PACKING NUT. PROVIDE STEM EXTENSION AS NEEDED TO PROVIDE HANDLE ON OUTSIDE OF PIPE INSULATION. VALVES SHALL BE APOLLO 70 OR EQUAL.

BACKFLOW PREVENTERS SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS FOR EASE OF TESTING AND SERVICING. FOR BACKFLOW PREVENTERS WITH VENT CONNECTIONS, ROUTE VENT LINE TO NEAREST DRAIN AND DISCHARGE WITH AIR GAP. BACKFLOW PREVENTERS SHALL BE TESTED IN ACCORDANCE WITH IPC 312.10.2. CONTRACTOR SHALL PROVIDE CERTIFICATIONS THAT STATE DEVICES HAVE BEEN TESTED AND APPROVED.

THERMOMETERS SHALL BE 9" ADJUSTABLE RANGE, 30°-180°F RANGE (TERCIE B99 OR EQUAL). PRESSURE GAUGES SHALL BE 4" DIAL SIZE, 0-160PSI (TERCIE GOOCB OR EQUAL).

CONTRACTOR SHALL FIELD VERIFY/CONFIRM DOMESTIC WATER PRESSURE TO CONFIRM ADEQUATE PRESSURE TO SERVE THE DOMESTIC WATER SYSTEM. CONTRACTOR SHALL ALERT ENGINEER TO A POTENTIAL LOW PRESSURE CONDITION. WHERE PRESSURE EXCEEDS 80PSI, PROVIDE PRESSURE REGULATING VALVE (WATTS LF223) AND UPSTREAM STRAINER (WATTS LS1777).

CONTRACTOR SHALL FIELD COORDINATE LOCATION OF ACCESSIBLE ISOLATION VALVES ON DOMESTIC HOT & COLD WATER SUPPLIES TO FIXTURES OR GROUPS OF FIXTURES SUCH THAT THEY MAY BE SHUT OFF FOR SERVICING. SERVICE AND NOSE BIBS VALVES SHALL BE IDENTIFIED. ALL OTHER VALVES INSTALLED IN LOCATIONS THAT ARE NOT ADJACENT TO THE FIXTURE(S) SHALL BE IDENTIFIED, INDICATING THE FIXTURE(S) SERVED.

**RETURN AIR PLenums**

ALL EXPOSED MATERIALS WITHIN RETURN AIR PLENUMS SHALL BE NONCOMBUSTIBLE OR HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50, AS DETERMINED IN ACCORDANCE WITH ASTM E84UL723. COPPER AND CAST IRON PIPING IS APPROVED. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL RETURN AIR PLENUM LOCATIONS WITH THE MECHANICAL CONTRACTOR.

**INSULATION**

INSULATE ALL DOMESTIC HOT WATER AND HOT WATER RECIRCULATION PIPING IN ACCORDANCE WITH IECC TABLE C403.2.10. PIPE UP TO 1/2": 1" THICK INSULATION. PIPE 1/2" OR LARGER: 1/2" THICK INSULATION.

INSULATE ALL HORIZONTAL COLD WATER PIPING LOCATED ABOVE CEILING, VERTICAL PIPING LOCATED IN AN EXTERIOR WALL, EXPOSED PIPING (I.E. MECH ROOMS). PIPE UP TO 1": 1/2" THICK INSULATION. PIPE OVER 1": 1" THICK INSULATION. ALL WATER AND DRAINAGE PIPING INSTALLED IN EXTERIOR WALLS SHALL BE WRAPPED IN 1" THICK PIPE INSULATION AND BE LOCATED ON THE INTERIOR SIDE OF THE BUILDING INSULATION. IF INSTALLED IN EXTERIOR BLOCK WALLS, INTERSTITIAL SPACES SHALL BE FILLED WITH FOAM INSULATION.

ALL JOINTS SHALL BE SEALED WITH MATCHING VAPOR BARRIER TAPE.

INSULATION SHALL HAVE A K-FACTOR (AVERAGE THERMAL CONDUCTIVITY) NOT TO EXCEED 0.27 BTU-IN/HR x SQ FT x F°.

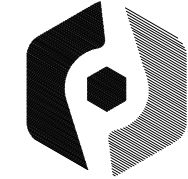
**PROTECTION OF PIPING**

PIPING PASSING UNDER FOOTINGS OR THROUGH FOUNDATION WALLS SHALL BE PROVIDED WITH A SLEEVE TWICE THE DIAMETER OF THE PIPE. OPEN ENDS OF SLEEVES SHALL BE PROTECTED WITH CASINGS THROUGH CONCRETE OR GINER WALLS OR FLOORS OR OTHER CORROSIVE MATERIAL SHALL BE PROTECTED IN ACCORDANCE WITH IPC 305.1. ALL PIPING INSTALLED THROUGH HOLES OR NOTCHES IN STUDS, JOISTS, RAFTERS OR SIMILAR MEMBERS SHALL BE PROTECTED BY STEEL SHELD PLATES IN ACCORDANCE WITH IPC 305.6. VERTICAL STACKS IN WOOD CONSTRUCTION SHALL BE PROTECTED FROM BUILDING SETTLING WITH COMPRESSION/EXPANSION FITTINGS AND PIPE CLAMPS INSTALLED PER MANUFACTURERS RECOMMENDATIONS (PERNICO XJ SERIES OR EQUAL).

**TANK, TIE WATER HEADERS**

WATER HEADERS SHALL BE U.L. LISTED AND SHALL MEET OR EXCEED THE STANDBY LOSS REQUIREMENTS OF U.S. DEPT. OF ENERGY AND CURRENT EDITION OF ASHRAE/IESNA 90.1.

WATER HEADERS SHALL HAVE 1/2PSI WORKING PRESSURE AND BE EQUIPPED WITH EXTRUDED HIGH DENSITY AMORC ROD AND HIGH TEMPERATURE CUTOFF SWITCH. WATER HEADERS SHALL BE PHYSICALLY CONTROLLED AND SET TO 120° UNLESS OTHERWISE NOTED. WATER HEADERS SHALL BE INSTALLED ON SUSPENDED PLATFORM, STEEL STAND OR CONCRETE PAD, AS INDICATED ON DRAWINGS.

[illegible]

**PROFICIENT**  
ENGINEERING  
6991 Peachtree Industrial Blvd Building 700  
Peachtree Corners, Georgia 30092  
404.330.9798  
PROJECT # 122609

- Tower Place
- 3340 Peachtree Road, N.E.
- Suite 1800
- Atlanta, Georgia 30326
- 404.522.8805
- 404.521.2118 (F)

PROJECT NO.

22102

SHEET TITLE

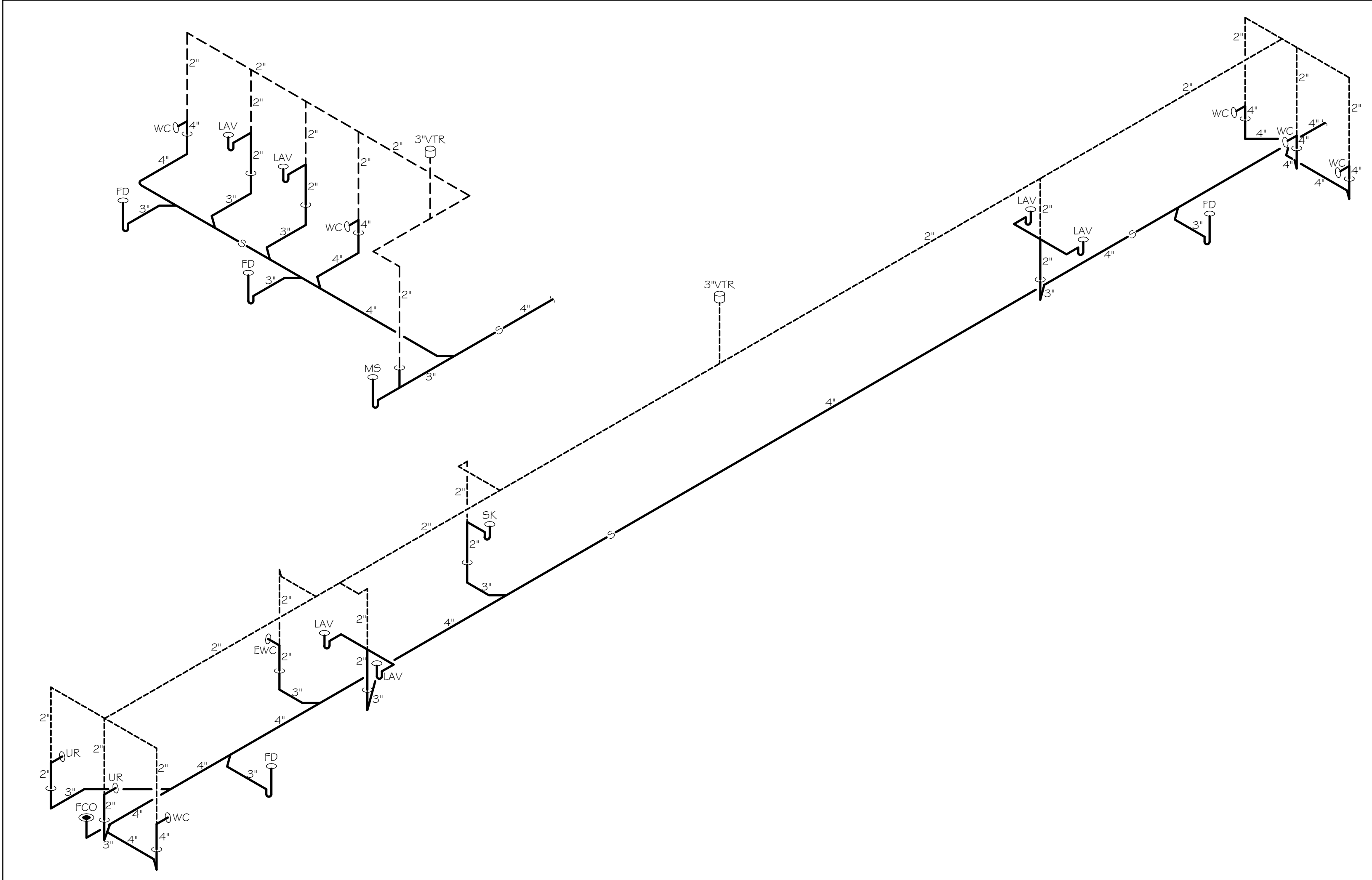
## GENERAL

SHEET NO.

PO-01

[illegible][illegible]

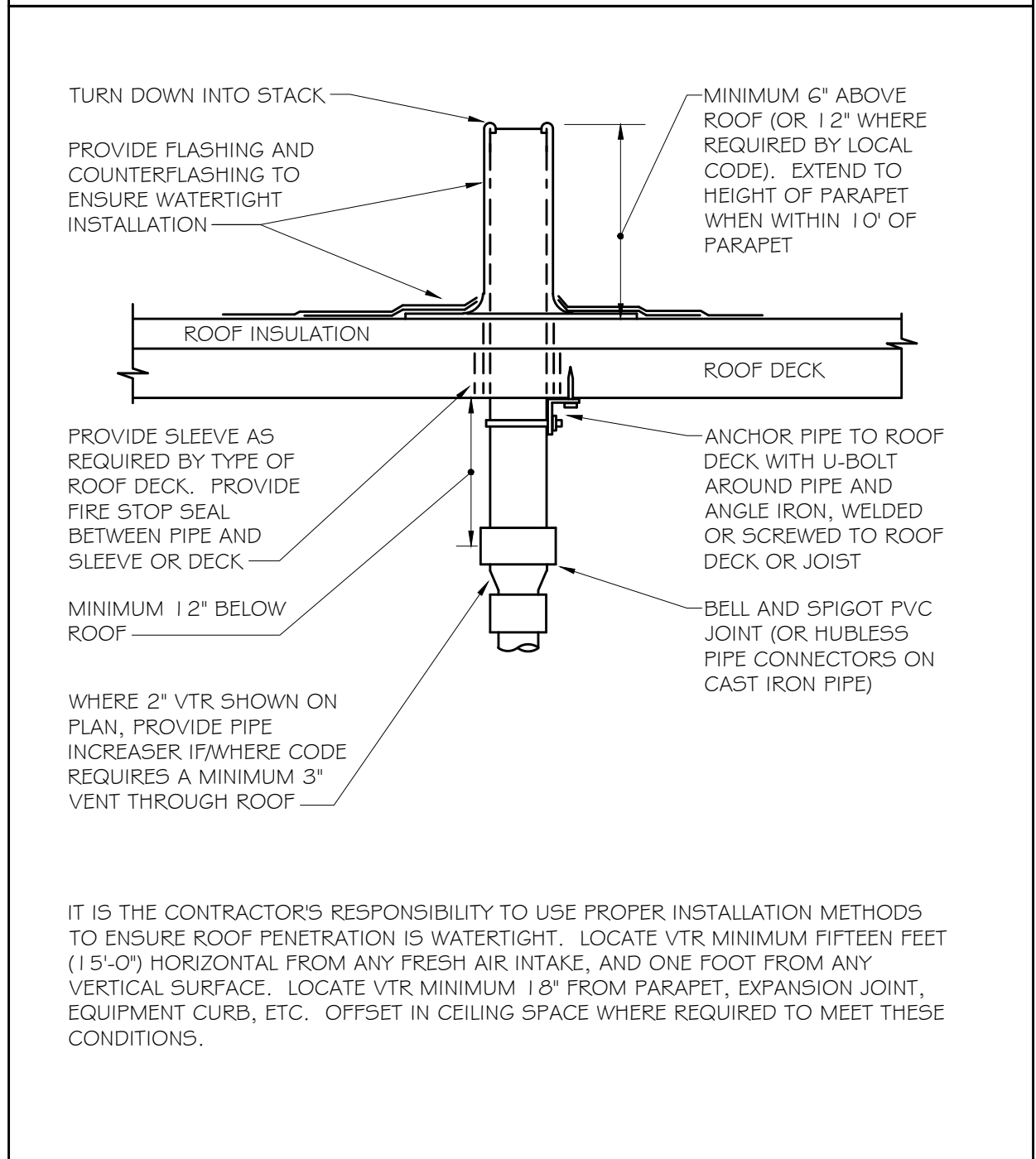
## NO SCALE



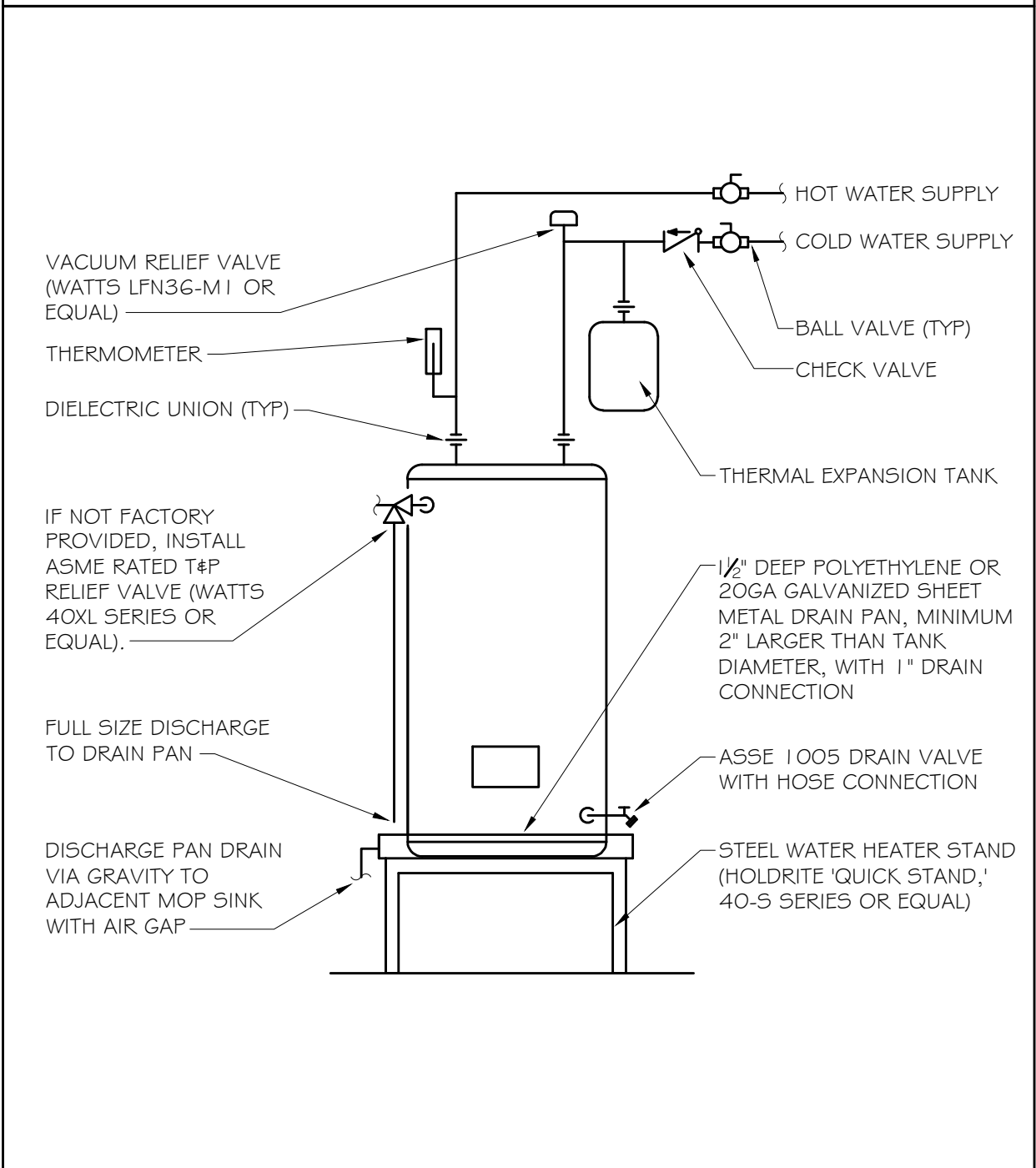
MARK	DESCRIPTION	WASTE RUNOUT	WASTE CONN.	VENT	WATER RUNOUT		WATER CONN.		SPECIFICATION
					CW	HW	CW	HW	
L-1	LAVATORY (ADA) - UNDERMOUNT	2"	1 1/2"	2"	1/2"	1/2"	3/8"	3/8"	UNDERMOUNT LAVATORY (AMERICAN STANDARD "VALVAIN," 0.45G, 2.21) AND 0.5GPM SINGLE HANDLE FAUCET WITH POLISHED CHROME FINISH (ZURN Z61000-LX-3M). HANDBICAP DRAIN OFFSET WAGROD DRAIN (ZURN 8746-PC) AND CHROME PLATED P-TFAF (ZURN 28701-1-PC). CHROME PLATED BRASS ANGLE SUPPLY STOPS WITH 1 1/2" LONG X 3/8" FLEX SUPPLIES (MCGUIRE H1 65). WHERE NOT CONCEALED BY COUNTER SHROUD, INSULATE OFFSET, TRAP AND SUPPLY LINES (TRUEBRO "LAVGARD," #103 E-2). PROVIDE THERMOSTATIC MIXING VALVE TO TEMPER HOT WATER TO 110 DEGREES (LEONARD 170-LP). LEAD FREE, ASSE 1070.
L-2	LAVATORY (ADA) - WALL HUNG	2"	1 1/2"	2"	1/2"	1/2"	3/8"	3/8"	WALL HUNG LAVATORY (AMERICAN STANDARD "LUCERNE," 0.55G, 0.21) WITH CONCEALED ARM CARRIER MOUNTING (ZURN Z1231). PROVIDE 0.5GPM SINGLE HANDLE FAUCET WITH POLISHED CHROME FINISH (DELTA 50 (LH-HGMHDT)). HANDBICAP DRAIN OFFSET WAGROD DRAIN (ZURN 8746-PC) AND CHROME PLATED P-TFAF (ZURN 28701-1-PC). CHROME PLATED BRASS ANGLE SUPPLY STOPS WITH FLEX SUPPLIES (MCGUIRE H1 65). INSULATE OFFSET, TRAP AND SUPPLY LINES (TRUEBRO "LAVGARD," #103 E-2). PROVIDE THERMOSTATIC MIXING VALVE TO TEMPER HOT WATER TO 110 DEGREES (LEONARD 170-LP). LEAD FREE, ASSE 1070.
WC-1	WATER CLOSET - WALL MOUNT W/FLUSH VALVE	4"	3"	2"	1-1/4"	---	1"	---	WALL MOUNTED, FLUSH VALVE WATER CLOSET (AMERICAN STANDARD "WALL FLOWISE," 2.57G, 0.01) OF RIM AFF. WHITE VITREOUS CHINA. 1/2" DIA. FLUSH VALVE. HEAVY DUTY OPEN FRONT SEAT, LESS COVER, (AMERICAN STANDARD 5905, 1.0G). PROVIDE EPOXY WATER CLOSET FLUSHMETER, CHROME PLATED, 1.28 GPM (SLOAN 111-1-28).
WC-2	WATER CLOSET (ADA) - WALL MOUNT W/FLUSH VALVE	4"	3"	2"	1-1/4"	---	1"	---	WALL MOUNTED, ADA FLUSH VALVE WATER CLOSET (AMERICAN STANDARD "WALL FLOWISE," 2.57G, 0.01). 1.28 GPM, WHITE VITREOUS CHINA. TOP OF RIM AT 6 1/2" AFF. PROVIDE HEAVY DUTY OPEN FRONT SEAT, LESS COVER, (AMERICAN STANDARD 5905, 1.0G). PROVIDE EPOXY WATER CLOSET FLUSHMETER, CHROME PLATED, 1.28 GPM (SLOAN 111-1-28). FLUSH CONTROL MUST BE LOCATED ON OPEN SIDE OF WATER CLOSET.
UR-1	URINAL - HIGH EFFICIENCY, WALL MOUNTED W/FLUSH VALVE	2"	2"	2"	1"	---	3/4"	---	WALL MOUNTED, FLUSH VALVE URINAL (AMERICAN STANDARD "WASHBROOK," 65.9G, 0.01), 0.5 GPM, WHITE VITREOUS CHINA. HIGH EFFICIENCY WATERSENSE LISTED. PROVIDE URINAL 1/222 SUPPORT SYSTEM. COORDINATE MOUNTING HEIGHTS) AND ADA DESIGNATIONS WITH ARCHITECTURAL DRAWINGS. PROVIDE CHROME PLATED URINAL FLUSHMETER, 0.5 GPM (AMERICAN STANDARD "FLOWISE" 0045.051, 1.002).
EWG-1	WATER COOLER (ADA) - BI-LEVEL	2"	1 1/2"	2"	1/2"	---	1/2"	---	BI-LEVEL WATER COOLER (ELKAY EZSTALC), ORIFICES AT 3/8 3/8" AND 3/2 7/8" AFF. 8.0 GPH OF 5000G WATER @ 80DEG INLET TEMP. PROVIDE ACCESSORY AFKON (KAPREZI) IF INSTALLED ON AN EXPOSED WALL FOR CANE DETECTION. MOUNT WITH WALL CARRIER (ZURN 1225-B).
SK-1	STAINLESS STEEL SINK, UNDERMOUNT, SINGLE BOWL (ADA)	2"	1 1/2"	2"	1/2"	1/2"	3/8"	3/8"	STAINLESS STEEL SINGLE BOWL UNDERMOUNT SINK (ELKAY ELUHA2 11555P-3). BOWL DIMENSIONS: 23.5" L, 18.25" W, 5.5" D. ADA COMPLIANT 1.5 GPM FAUCET WITH FULL-OUT SPRAY (ELKAY LK5000), SINGLE HOSE MOUNTING. MCGUIRE CHROME PLATED P-TFAF WC. O., CHROME PLATED BRASS ANGLE SUPPLY STOPS, 1 1/2" LONG X 3/8" FLEX SUPPLIES. PROVIDE 3/4" HF GARBAGE DISPOSAL (INDEPENDENT EVOLUTION COMPACT OR EQUAL).
MS-1	MOP SINK	3"	3"	2"	1/2"	1/2"	1/2"	1/2"	24"x24" FLOOR BASK (FAT MAX 2424) AND SERVICE FAUCET WITH VACUUM BREAKER. INTEGRAL STOPS, TAIL HOOK AND 3/4" HOSE THREAD ON SPOUT (830-AA). PROVIDE HOSE AND BRACKET (832-AA), MOP HANGER (869-CN), STAINLESS STEEL BUMPERGUARD (E-86-AA) AND STAINLESS STEEL WALL GUARD (MSG2424).
FD-1	FLOOR DRAIN - GENERAL PURPOSE	3"	3"	2"	---	---	---	---	GENERAL PURPOSE FLOOR DRAIN (J.R. SMITH #2005) WITH FLASHING COLLAR, ADJUSTABLE STRAINER HEAD # 5" ROUND NICKEL BRONZE STRAINER. PROVIDE SQUARE STRAINER FOR ALL APPLICATIONS. PROVIDE ASSE 1072 P-TFAF SEALER (ZURN Z1072).
FCO	FLOOR CLEANOUT	see plan	see plan	---	---	---	---	---	FLOOR CLEANOUT WITH CAST IRON BODY AND ADJUSTABLE NICKEL BRONZE TOP (J.R. SMITH 4031). CLEANOUT SIZE SHALL MATCH LINE SIZE.
WHA-X	WATER HAMMER ARRESTOR	see plan	---	see plan	---	---	see plan	---	WATER HAMMER ARRESTOR, ASSE 1010 (J.R. SMITH SERIES 5005-5050), "X" IN WHA-X REFERS TO FDI SIZE INDICATED ON DRAWINGS.
ET-1	POTABLE WATER EXPANSION TANK	---	---	---	3/4"	---	3/4"	---	1/2" POTABLE WATER EXPANSION TANK (WATTS PTL-5). 2.1 GALLONS TOTAL VOLUME, 0.4 GALLONS MAXIMUM ACCEPTANCE VOLUME. TANK SHALL BE PRE-CHARGED TO THE SYSTEM PRESSURE PRIOR TO INSTALLATION (CONTRACTOR TO FIELD VERIFY).
IMS-1	ICE MAKER/REFRIGERATOR BOX	---	---	1/2"	---	1/2"	---	---	ICE MAKER CONNECTION BOX (CATP #855-855-855 SERIES), 6"x6". LOW LEAD, 1/4 TURN BRASS VALVE WITH INTEGRAL FACTORY INSTALLED WATER HAMMER ARRESTOR. WHERE BOX IS TO BE INSTALLED IN FREE FATED WALL, PROVIDE CATP 38-X VALVES. PROVIDE BACKFLOW PREVENTER IN SUPPLY LINE (WATTS S03, ASSE 1022).
WF-1	WALL FAUCET IN WALL BOX	---	---	---	3/4"	---	3/4"	---	3/4" FAUCET HOSE CONNECTION WITH INTEGRAL BACKFLOW PREVENTER (ASSE 1052), IN FLUSH MOUNTED, TAMPER RESISTANT WALL BOX (WOODFORD #262). FOR INSTALLATION IN MILD CLIMATE AREAS.

PRIOR TO SUBMITTAL OR PURCHASE, THE PLUMBING CONTRACTOR SHALL VERIFY FIXTURE SPECIFICATIONS WITH ARCHITECT/DRAWER.

## NO SCALE



## NO SCALE



51 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

[illegible]

**PROFICIENT**  
ENGINEERING  
6991 Peachtree Industrial Blvd Building 700  
Peachtree Corners, Georgia 30092  
404.330.9798  
PROJECT # 122609

- Tower Place
- 3340 Peachtree Road, N.E.
- Suite 1800
- Atlanta, Georgia 30326
- 404.522.8805
- 404.521.2118 (F)

PROJECT NO.

22102

SHEET TITLE

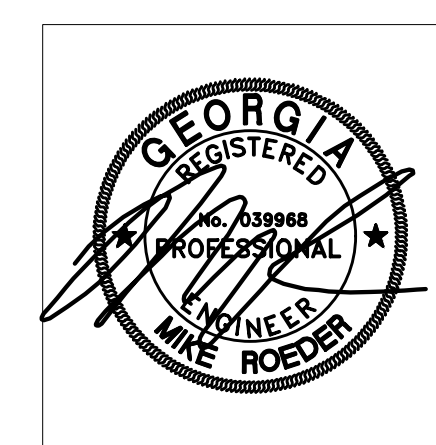
SCHEDULES &  
DETAILS

SHEET NO.

P0-02

51 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

51 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

[illegible]

- Tower Place
- 3340 Peachtree Road, N.E.
- Suite 1800
- Atlanta, Georgia 30326
- 404.522.8805
- 404.521.2118 (F)

PROJECT NO.	
-------------	--

:22102

SHEET TITLE	
-------------	--

OVERALL FLOOR  
PLAN

	SHEET NO.
--	-----------

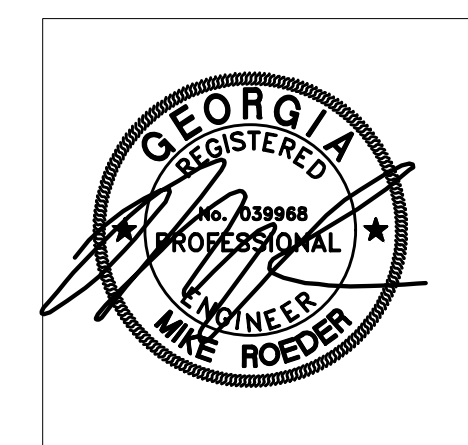
P1-0

- ① 4" S B/G, SEE CIVIL DWG FOR CONT
- ② 4" S B/F & CONNECT TO EXISTING SITE SANITARY SEWER MAIN. FIELD VERIFY EXACT LOCATION, DEPTH, AND DIRECTION OF FLOW PRIOR TO COMMENCING WORK.
- ③ 2" DOMESTIC WATER SERVICE B/G, SEE CIVIL DWG FOR CONT

- ① 4" S B/G, SEE CIVIL DWG FOR CONT
- ② 4" S B/F & CONNECT TO EXISTING SITE SANITARY SEWER MAIN. FIELD VERIFY EXACT LOCATION, DEPTH, AND DIRECTION OF FLOW PRIOR TO COMMENCING WORK.
- ③ 2" DOMESTIC WATER SERVICE B/G, SEE CIVIL DWG FOR CONT

1 OVERALL FLOOR PLAN  
SCALE: 3/16" = 1'-0"

SCALE: 8/16" = 1'-0"

[illegible]

- Tower Place
- 3340 Peachtree Road, N.E.
- Suite 1800
- Atlanta, Georgia 30326
- 404.522.8805
- 404.521.2118 (F)

PROJECT NO.
-------------

:22102

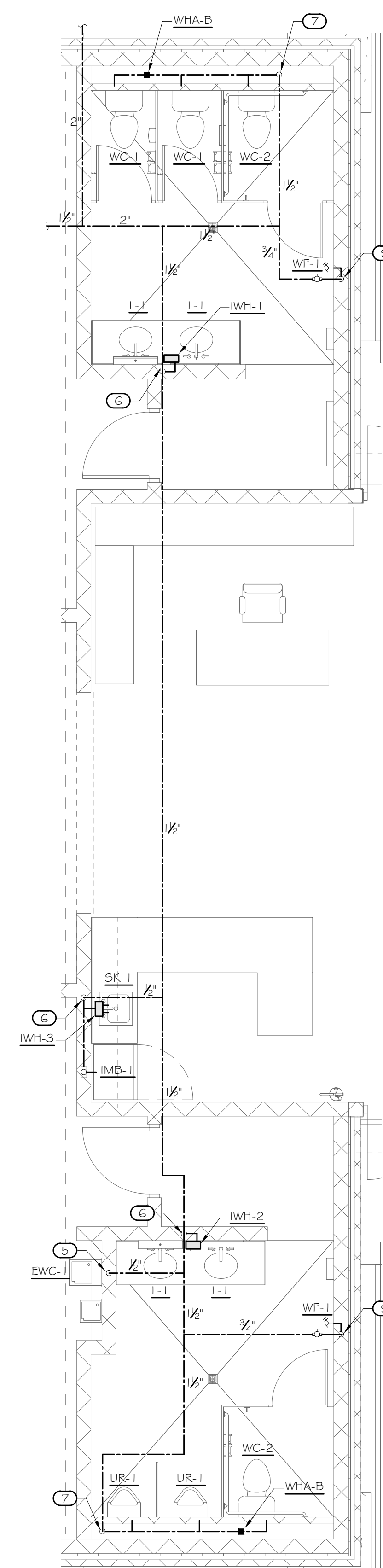
SHEET TITLE
-------------

: ENLARGED PLANS

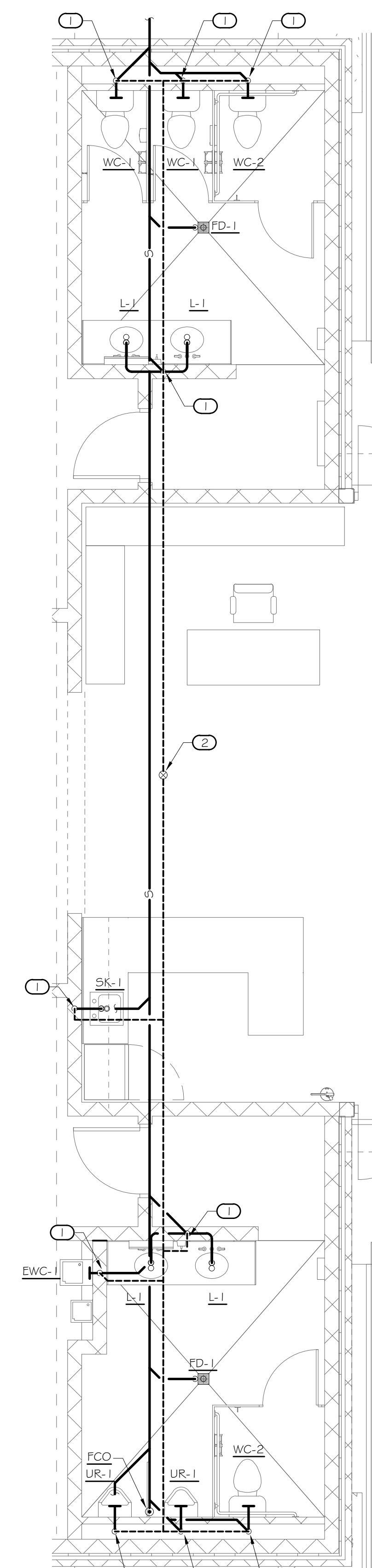
SHEET NO.
-----------

P1-02

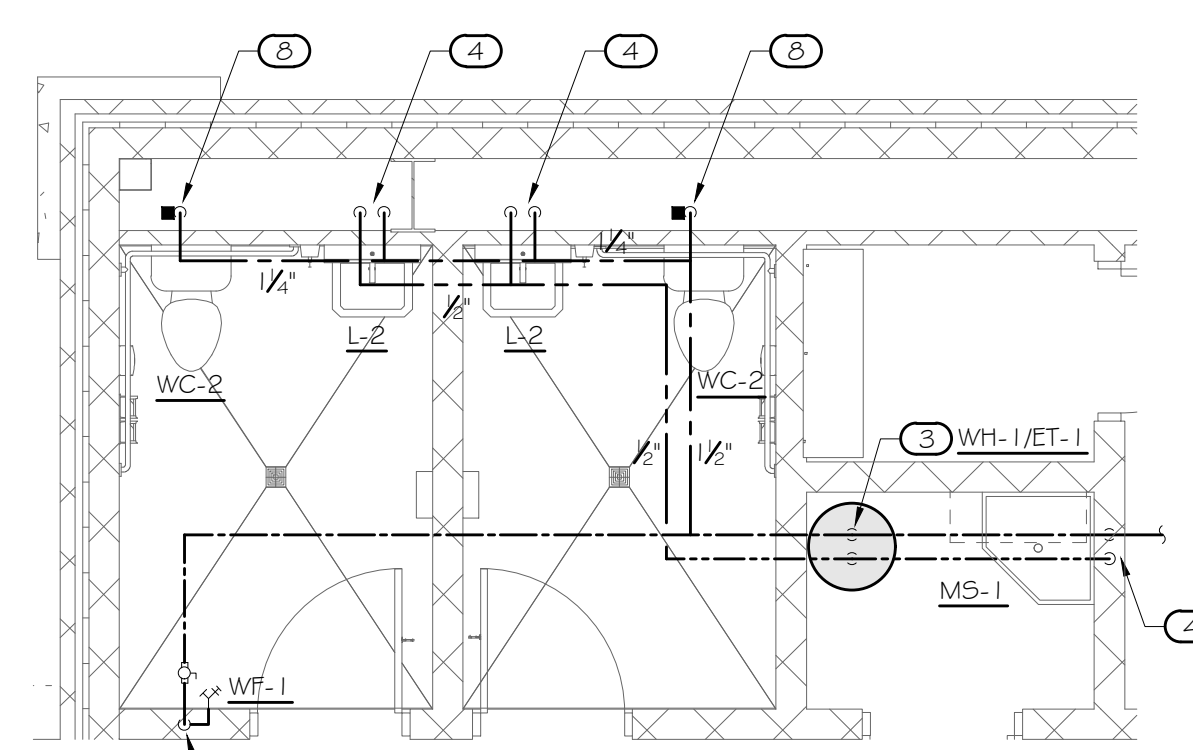
- ① 2" V DN
- ② 3" V UP TO 3" VTR
- ③ 1/2" CW & 1/2" HW TO SHELF MOUNTED WATER HEATER, SEE DETAIL
- ④ 1/2" CW & 1/2" HW DN
- ⑤ 1/2" CW DN
- ⑥ 1/2" CW TO INSTANTANEOUS WATER HEATER MOUNTED UNDER FIXTURE,  
1/2" CW & 1/2" HW TO FAUCET.
- ⑦ 1/2" CW DN
- ⑧ 1/2" CW DN TO WATER CLOSET, PROVIDE WHA AT BASE OF DROP
- ⑨ 3/4" CW DN



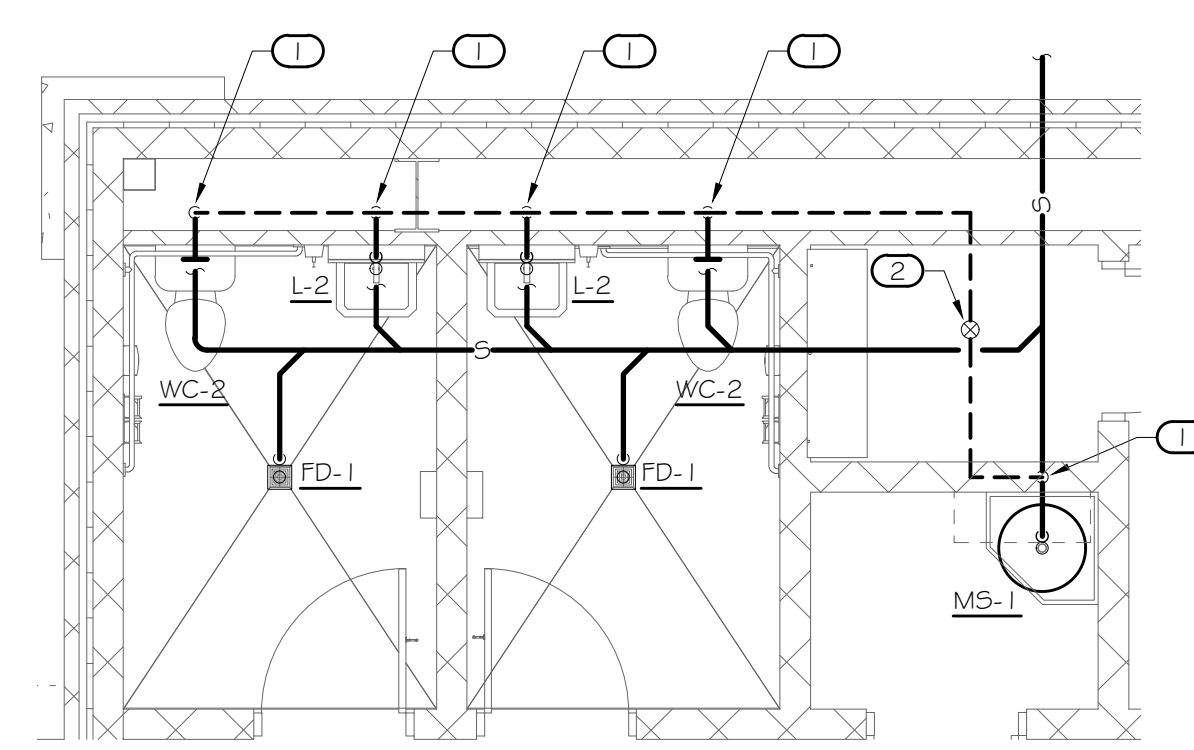
2 ENLARGED FLOOR PLAN - WATER  
SCALE: 1/4" = 1'-0"



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



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



3 ENLARGED FLOOR PLAN - WASTE & VENT  
SCALE: 1/4" = 1'-0"