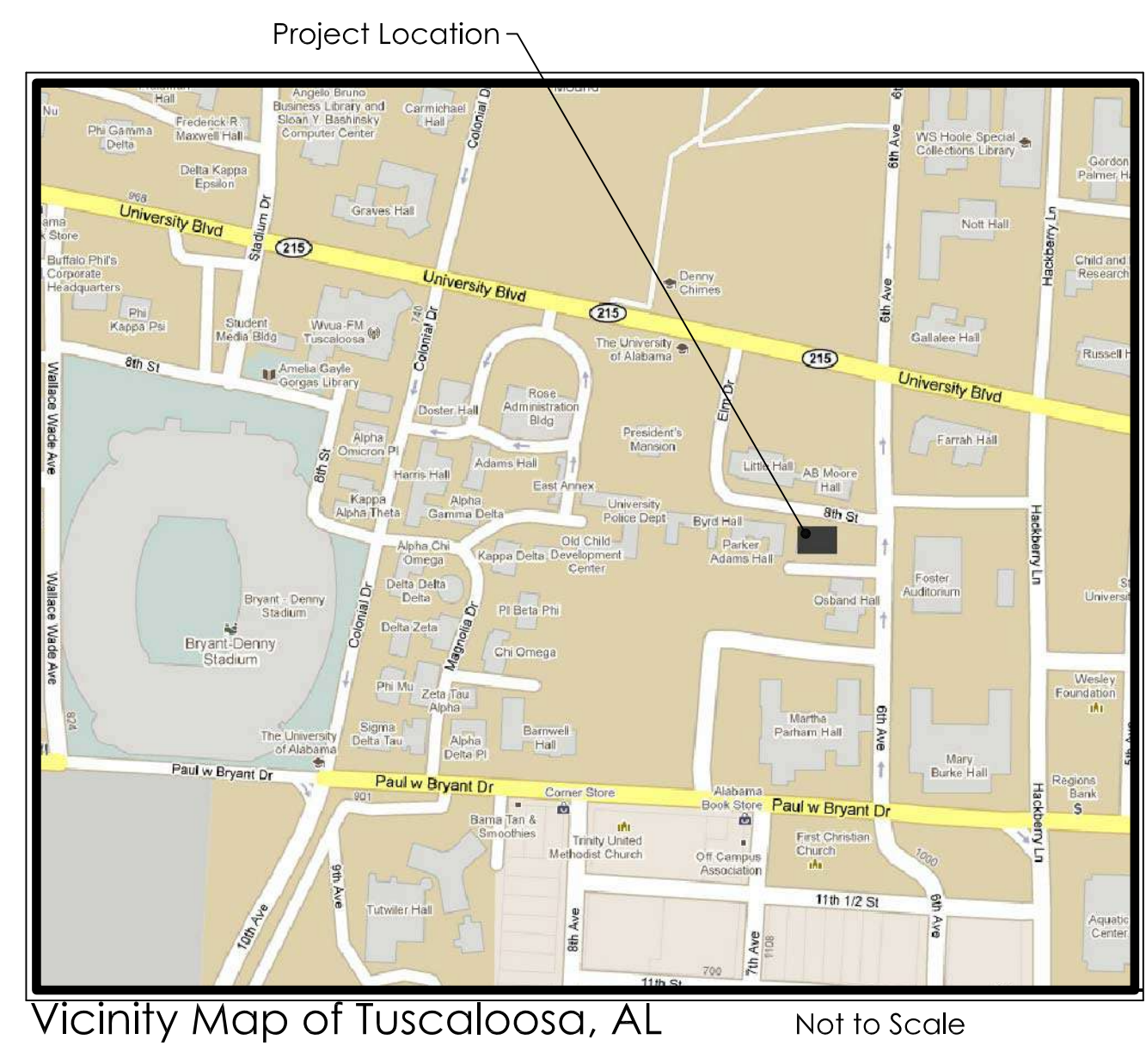


NEW SORORITY HOUSE FOR  
BETA PSI CHAPTER OF  
**DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA  
Tuscaloosa, Alabama  
University of Alabama Project No. 831-10-277  
Building Commission Project No. 2011287



Architect  
**Ellis Architects, Inc.**  
631 Helen Keller Blvd, Suite 300  
Tuscaloosa, Alabama 35404  
(205) 752-4420

Mechanical/Plumbing/Electrical  
RH Smith & Associates  
2110 8th Street  
Tuscaloosa, Alabama 35401  
(205) 345-4402

Civil  
McGiffert and Associates, LLC  
2814 Stillman Boulevard  
Tuscaloosa, Alabama 35401  
(205) 759-1521

Structural  
Barnett Jones Wilson  
650 Energy Center Blvd.  
Northport, Alabama 35473  
(205) 345-9595

Food Service  
Culinary Design Studio  
861 Cedar Trace S.W.  
Lilburn, Georgia 30047  
(404) 433-4136

GENERAL NOTES

- Contractor and/or subcontractors shall visit property to verify existing conditions. Any discrepancies shall be brought to the attention of the Architect prior to submitting a bid.
- All work shall conform to the requirements of the 2009 edition of the International Building Code and of state and local authorities having jurisdiction.
- All materials and equipment referred to in notes and keynote legends shall be new and furnished and installed under the work of this project unless noted otherwise to be furnished and installed by owner.
- Contractors and/or subcontractors shall employ skilled workmen to perform all work in accordance with the best standards of work for all categories of work in the project.
- Contractor and subcontractors shall coordinate their work with all other subcontractors to facilitate a smooth work progression.
- Contractor and subcontractors shall secure the owner's approval of any substitutions prior to installation. Owner shall supply to Contractor any substitutions in prompt attentiveness to the progression of work.
- Contractor shall obtain and pay for all required permits and approvals and shall notify and schedule all required inspections and approvals with the various authorities having jurisdiction.
- Contractor shall provide and maintain suitable protection for all employees and the public and occupants during the course of the work, complying with all applicable job safety regulations.
- Contractor shall remove from the site all debris, rubbish, and other materials resulting from their operations. All such material must be disposed of legally and contractor will be responsible for all fees associated with said removals and disposals. Contractor shall maintain the project site in a neat and safe condition at all times.
- Contractor shall submit all samples and color selections to Architect for approval.
- Contractor shall verify all dimensions prior to commencing any construction work and shall bring any discrepancies to the attention of the Architect.
- Contractor to provide all required in wall blocking for all wall mounted items.

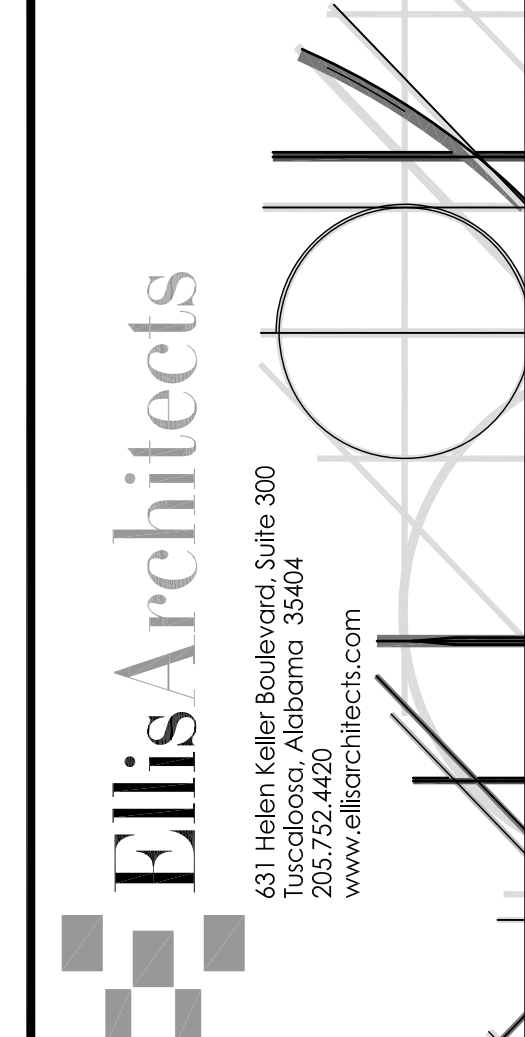
INDEX TO DRAWINGS

SHT. NUM.	SHEET TITLE
<b>GENERAL</b>	
TI.1	TITLE SHEET AND INDEX TO DRAWINGS
LS1.0	BASEMENT LIFE SAFETY PLAN
LS1.1	FIRST FLOOR LIFE SAFETY PLAN
LS1.2	SECOND FLOOR LIFE SAFETY PLAN
LS1.3	THIRD FLOOR AND ATTIC LIFE SAFETY PLAN
<b>CIVIL</b>	
C0.01	EXISTING TOPOGRAPHICAL SURVEY
C0.02	EXISTING SITE FENCING PLAN
C1.00	SITE DEMOLITION PLAN
C2.00	SITE EROSION CONTROL PLAN
C3.00	SITE LAYOUT PLAN
C4.00	SITE GRADING PLAN
C5.00	SITE UTILITY PLAN
C6.00	SITE STANDARD DETAILS
C6.01	SITE STANDARD DETAILS
C6.02	SITE STANDARD DETAILS
<b>STRUCTURAL</b>	
S0.0	GENERAL NOTES
S0.1	TYPICAL DETAILS
S0.2	SCHEDULES
S0.3	PROJECT ISOMETRIC
S1.0	FOUNDATION PLAN
S1.1	GROUND FLOOR FRAMING PLAN
S2.1	SECOND FLOOR FRAMING PLAN
S2.2	THIRD FLOOR FRAMING PLAN
S3.1	ROOF FRAMING PLAN
S4.0	X-BRACING CONNECTIONS
S4.1	X-BRACING ELEVATIONS
S4.2	X-BRACING ELEVATIONS
S4.3	X-BRACING ELEVATIONS
S5.1	SECTIONS AND DETAILS
S5.2	SECTIONS AND DETAILS
S5.3	SECTIONS AND DETAILS
S5.4	SECTIONS AND DETAILS
S5.5	SECTIONS AND DETAILS
S5.6	SECTIONS AND DETAILS

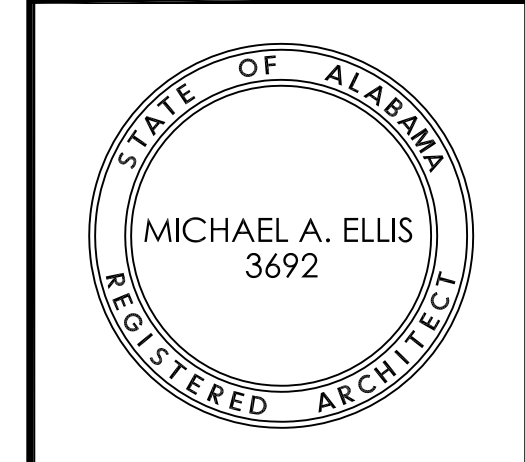
SHT. NUM.	SHEET TITLE
<b>ARCHITECTURAL</b>	
A1.0	BASEMENT FLOOR PLAN
A1.1	FIRST FLOOR PLAN
A1.2	SECOND FLOOR PLAN
A1.3	THIRD FLOOR PLAN
A1.4	ENLARGED STAIR PLANS AND ATTIC PLAN
A1.5	ENLARGED STAIR PLANS
A1.6	ENLARGED FLOOR PLANS
A1.7	COURTYARD PLAN/DETAILS
A1.8	WALL TYPE SECTIONS
A1.9	WALL TYPE SECTIONS
A2.0	BASEMENT REFLECTED CEILING PLAN
A2.1	FIRST FLOOR REFLECTED CEILING PLAN
A2.2	SECOND FLOOR REFLECTED CEILING PLAN
A2.3	THIRD FLOOR REFLECTED CEILING PLAN
A3.1	ROOF PLAN AND DETAILS
A4.1	EXTERIOR ELEVATIONS
A4.2	EXTERIOR ELEVATIONS
A4.3	EXTERIOR ELEVATIONS
A4.4	EXTERIOR ELEVATIONS
A4.5	EXTERIOR ELEVATIONS
A5.1	DOOR SCHEDULES
A5.2	DOOR FRAME AND TYPES
A5.3	WINDOW TYPES
A5.4	HEAD, JAMB & SILLS
A5.5	HEAD, JAMB & SILLS
A5.6	HEAD, JAMB & SILLS
A5.7	HEAD, JAMB & SILLS
A5.7A	HEAD, JAMB & SILLS
A5.8	STAIR/RAILING DETAILS
A6.1	BUILDING SECTION
A6.2	STAIR SECTION
A7.1	WALL SECTIONS
A7.2	WALL SECTIONS
A7.3	STAIR SECTION
A7.4	STAIR SECTION
A7.5	WALL SECTIONS
A7.6	WALL SECTIONS
A7.7	WALL SECTION
A7.8	WALL SECTION
A7.9	WALL SECTIONS
A7.10	WALL SECTIONS
A7.11	WALL SECTION
A7.12	WALL SECTIONS
A7.13	-NOT USED-
A7.14	WALL SECTION
A7.15	WALL AND BUILDING SECTION
A7.16	WALL SECTION
A7.17	WALL SECTION

SHT. NUM.	SHEET TITLE
<b>ARCHITECTURAL CONT'D</b>	
A8.1	SECTION DETAILS
A8.2	SECTION DETAILS
A8.3	SECTION DETAILS
A9.0	FINISH LEGEND
A9.1	FLOOR FINISH PLAN - BASEMENT
A9.2	FLOOR FINISH PLAN - FIRST FLOOR
A9.3	FLOOR FINISH PLAN - SECOND FLOOR
A9.4	FLOOR FINISH PLAN - THIRD FLOOR
A9.5	ENLARGED FLOOR FINISH PLAN
A9.6	WALL FINISH PLAN - BASEMENT
A9.7	WALL FINISH PLAN - FIRST FLOOR
A9.8	WALL FINISH PLAN - SECOND FLOOR
A9.9	WALL FINISH PLAN - THIRD FLOOR
A10.1	INTERIOR ELEVATIONS
A10.2	INTERIOR ELEVATIONS
A10.3	INTERIOR ELEVATIONS
A10.4	INTERIOR ELEVATIONS
A10.5	INTERIOR ELEVATIONS
A10.6	INTERIOR ELEVATIONS
A11.1	INTERIOR DETAILS
A11.2	INTERIOR DETAILS
A11.3	INTERIOR DETAILS
<b>FIRE PROTECTION</b>	
FP1.0	BASEMENT FIRE PROTECTION PLAN
FP1.1	FIRST FLOOR FIRE PROTECTION PLAN
FP1.2	SECOND FLOOR FIRE PROTECTION PLAN
FP1.3	THIRD FLOOR FIRE PROTECTION PLAN
<b>PLUMBING</b>	
P0.1	DETAILS, SCHEDULE AND RISER
P1.0	BASEMENT SANITARY PLAN
P1.1	FIRST FLOOR SANITARY PLAN
P1.2	SECOND FLOOR SANITARY PLAN
P1.3	THIRD FLOOR SANITARY PLAN
P2.0	BASEMENT PRESSURE PIPING
P2.1	FIRST FLOOR PRESSURE PIPING
P2.2	SECOND FLOOR PRESSURE PIPING
P2.3	THIRD FLOOR PRESSURE PIPING

SHT. NUM.	SHEET TITLE
<b>MECHANICAL</b>	
M0.1	HVAC SCHEDULE AND DETAILS
M1.0	BASEMENT HVAC PLAN
M1.1	FIRST FLOOR HVAC PLAN
M1.2	SECOND FLOOR HVAC PLAN
M1.3	THIRD FLOOR HVAC PLAN
M1.4	ATTIC FLOOR HVAC PLAN
<b>ELECTRICAL</b>	
E0.1	SYMBOLS, DETAILS AND SCHEDULES
E0.2	DETAILS AND SCHEDULES
E1.0	BASEMENT POWER WIRING PLAN
E1.1	FIRST FLOOR POWER WIRING PLAN
E1.2	SECOND AND THIRD FLOOR POWER WIRING PLAN
E1.3	KITCHEN POWER WIRING PLAN
E2.0	BASEMENT LIGHTING PLAN
E2.1	FIRST FLOOR LIGHTING PLAN
E2.2	SECOND AND THIRD FLOOR LIGHTING PLAN
E3.0	BASEMENT FIRST FLOOR AUXILIARY PLAN
E3.1	SECOND AND THIRD FLOOR AUXILIARY PLAN
E4.0	LIGHTNING PROTECTION PLAN
<b>FOOD SERVICE</b>	
FS1.1	F.S. EQUIPMENT PLAN & SCHEDULE
FS2.1	F.S. EQUIPMENT ELECTRICAL PLAN & SCHEDULE
FS3.1	F.S. EQUIPMENT PLUMBING PLAN & SCHEDULE
FS4.1	F.S. EQUIPMENT SPECIAL CONDITIONS PLAN
FS5.1	F.S. EQUIPMENT MECHANICAL PLAN
FS6.1	WALK-IN COOLER/FREEZER DETAILS
FS7.1	VENT HOOD MANUFACTURER'S DETAILS
FS7.2	VENT HOOD MANUFACTURER'S DETAILS
FS7.3	VENT HOOD MANUFACTURER'S DETAILS



New Sorority House For  
**BETA PSI CHAPTER OF  
DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



Copyright © 2011  
Ellis Architects, Inc.

Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.

Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Jim
Title Sheet and Index of Drawings	
SHEET NUMBER	T1.1

### Fire Resistance Requirements

*International Building Code 2009*

Building-Type III-B Sprinklered	Rating Required	Rating Provided	Assembly Number
Structural Frame -including columns, girders, trusses	0	0	—
Bearing Walls Exterior Interior	2 0	N/A 0	—
Nonbearing Walls and Partitions Exterior	0	0	—
Nonbearing Walls and Partitions* Interior	0	0	—
Roof Construction -including supporting beams and joists	0	0	—

As per Table 601  
\* 1/2 HOUR dwelling unit separations provided.  
Note: See reflected ceiling plans and sections for additional rated assemblies.

### Horizontal Separations Provided

Floor/Ceiling Component	Rating Provided	Assembly Number
Basement / First Floor	None Required except as noted	UL G527 where noted
First Floor/Second Floor	1 1/2 hour	UL G213/ UL G528
Second Floor/ Third Floor	1 1/2 hour	UL G213/ UL G528
Third Floor/Attic	1 1/2 hour	UL P526
Stair Shaft Floor/Ceiling	2 hour	UL G527 OR UL U415, SYSTEM B SEE PLANS

### Building Classifications

*International Building Code 2009*

Occupancy	Type of Construction	Allowable Stories Above Grade	Stories Provided
A-3	TYPE III B	3*	3

#### Non-Separated Uses

A-2, A-3, B, R-2, S-1

#### Floor Areas

Level/Floor	Allowable Floor Areas	Floor Area Provided
ALL FLOORS A-3	28,500 PER FLOOR WITH SPRINKLER INCREASE (MOST STRINGENT A-3 OCCUPANCY)	6,300 BASEMENT 10,094 FIRST FLOOR 9,967 SECOND FLOOR 9,850 THIRD FLOOR

As per Table 503 and Section 506.3  
\*with sprinkler increase

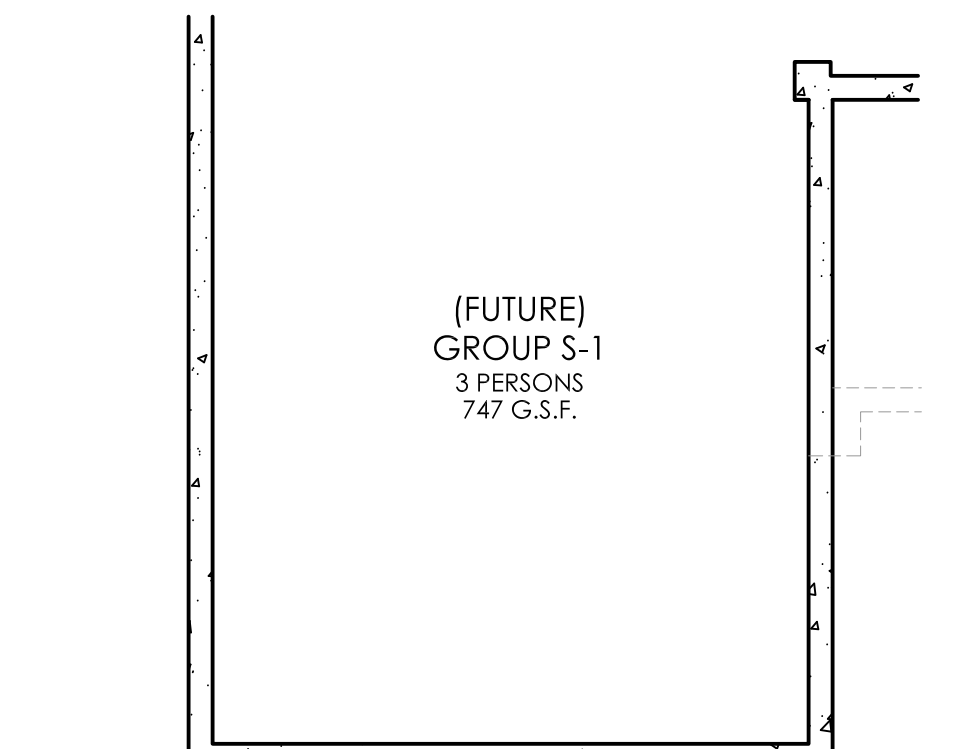
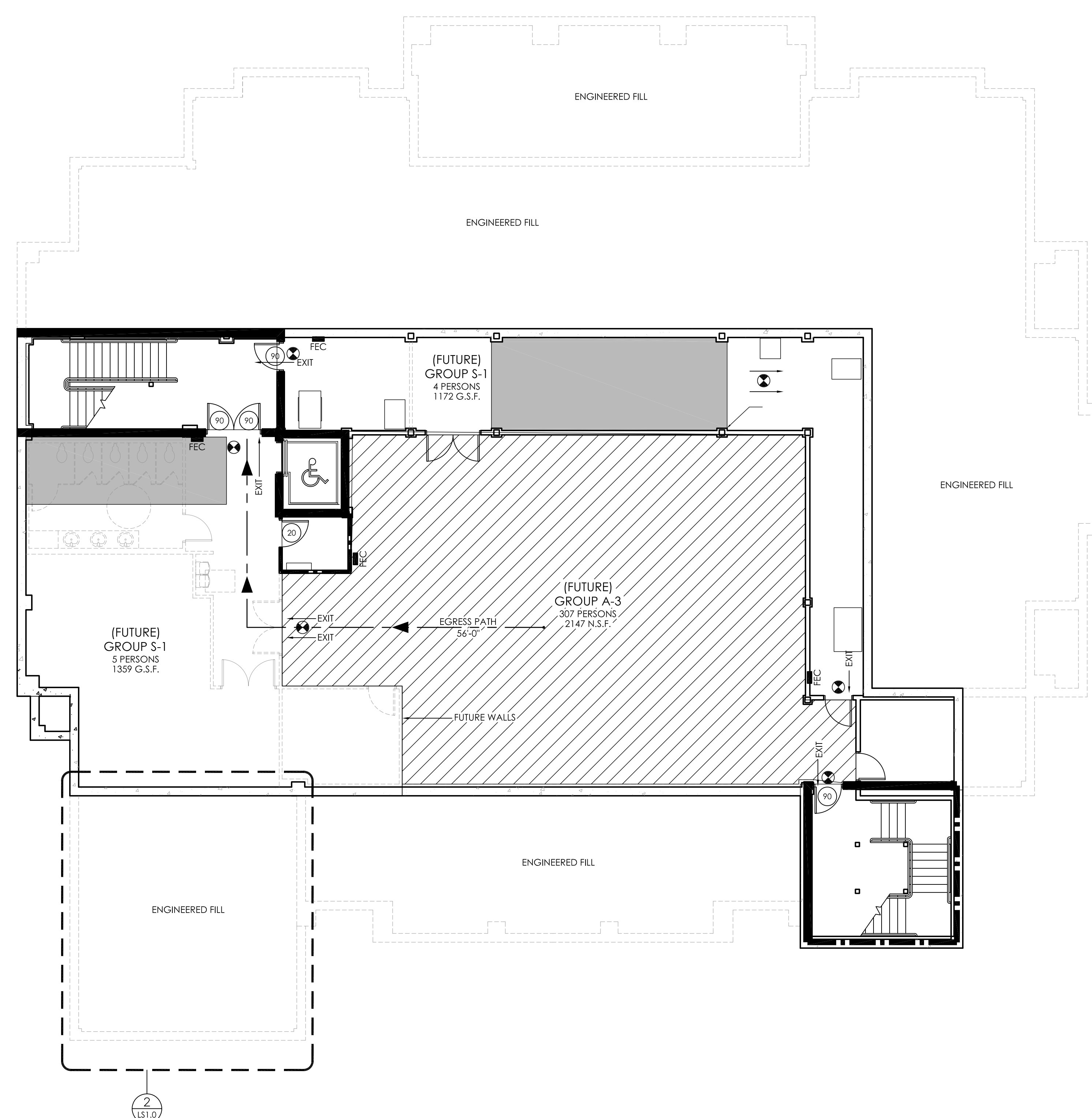
### Exterior Wall Fire Resistance Rating Based on Separation Distance

*Tables 602 and 705.8 of the International Building Code 2009*

Fire Separation Distance	Type of Construction	Occupancy Group A	Max. Area of Openings (UP, S)
10 ft. to less than 15 ft.	TYPE III B	1 hour	45%

**2** ALTERNATE (PARTIAL) BASEMENT LIFE SAFETY PLAN  
1/8" = 1'-0"

**1** BASEMENT LIFE SAFETY PLAN  
1/8" = 1'-0"



### Occupancy Group Legend

	FUTURE GROUP A-3		GROUP A-2		GROUP B
	GROUP S-1		GROUP A-3		GROUP R-2

### Fire Protection / Life Safety Legend

	30 MINUTE FIRE RATED WALL CONSTRUCTION		EGRESS PATH-DIRECTION OF TRAVEL
	1 HOUR FIRE RATED WALL CONSTRUCTION		FIRE EXTINGUISHER CABINET
	2 HOUR FIRE RATED WALL CONSTRUCTION		EXIT SIGN
	90 MINUTE FIRE RATED DOOR		2 HOUR FIRE RATED HORIZONTAL SEPARATION.
	45 MINUTE FIRE RATED DOOR		
	20 MINUTE FIRE RATED DOOR		

NOTE: ALL FLOOR / CEILING SEPARATIONS SHALL BE AS INDICATED ON SHEET LS1.0 UNLESS INDICATED BY 2 HOUR DESIGNATION. COORDINATE WITH REFLECTED CEILING PLANS.

### Basement Occupant Load (Future)

*International Building Code 2009*

Group	Use	Calculation Basis	Occupant Load
A-3	Assembly	1 per 7 S.F. Net	307
S-1	Storage	1 per 300 S.F. Gross	9
S-1	Alternate Area	1 per 300 S.F. Gross	3
<b>Total Future Occupants (Maximum)</b>			<b>319</b>

\*The Building Commission will permit the architect to calculate the actual occupant load based on the primary day-to-day function of the space for determining minimum plumbing fixtures and other code requirements.\*

### Means of Egress Requirements (Future)

*International Building Code 2009*

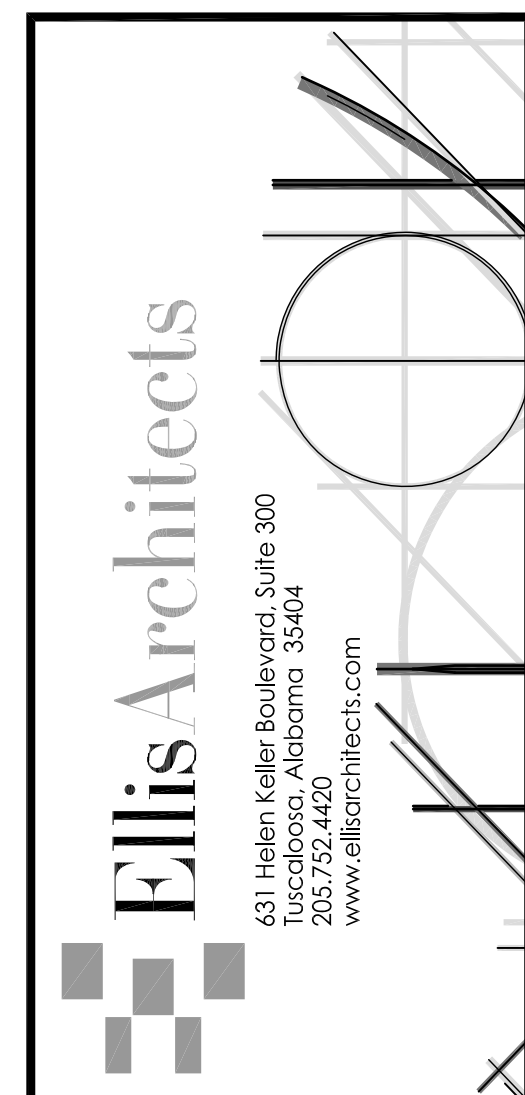
Occupant Load	Min. No. of Exits Required	Number of Exits Provided	Min. Exit Width Required	Min. Exit Width Provided	Min. Stair Width Required	Stair Width Provided	Max. Distance to Exits Allowed
322	2	3	0.2 X 319 = 63.8	128 in.	0.3 X 319 = 95.7	96	250 FEET (GROUP A-3)

As per Tables 1005.1, 1014.1, 1015.1, 1016.1, 1018.1

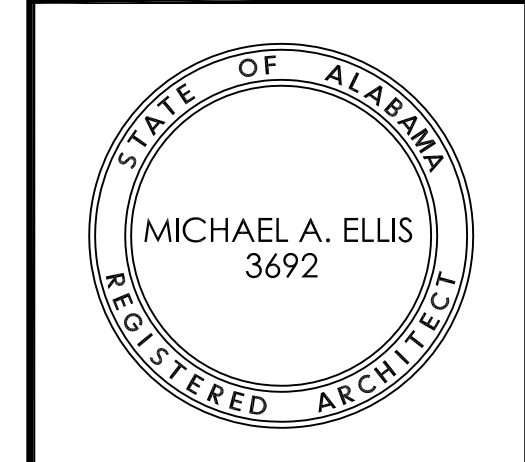
### Plumbing Fixture Requirements - Everyday Use (Future)

*International Building Code 2009*

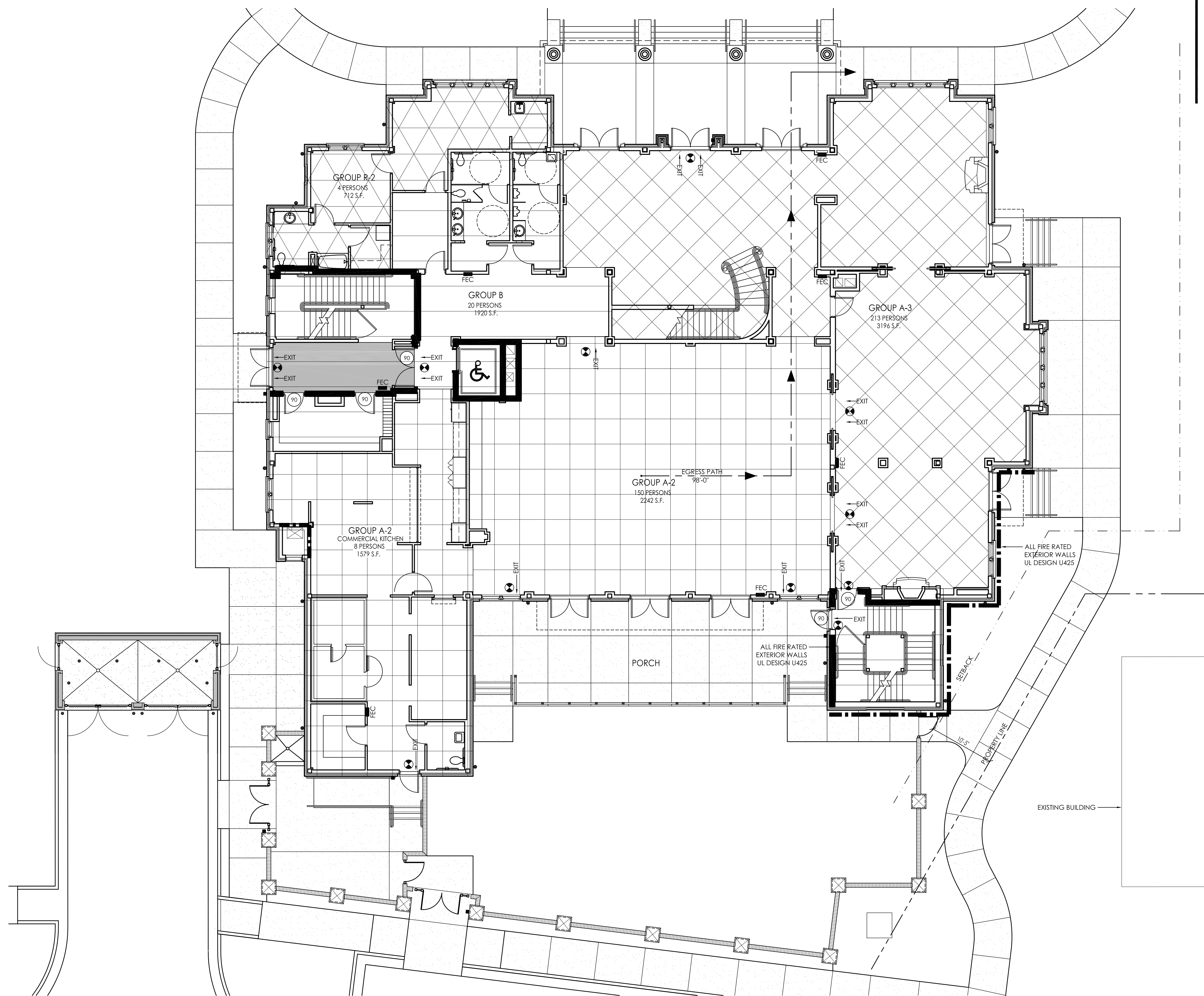
Location	Group	Persons	Water Closets Required see section 419.2 of the IPC for urinals		Water Closets Supplied		Urinals Supplied	Lavatories Required		Lavatories Supplied		Tubs or Showers Required	Tubs or Showers Supplied	Drinking Fountains Required	Drinking Fountains Supplied	Other Required	Other Supplied
			male	female	male	female		male	female	male	female						
Basement	A-3	319	0	3	0	5	0	0	2	0	3	0	0	1	2	1 Serv Sink	1 Serv Sink



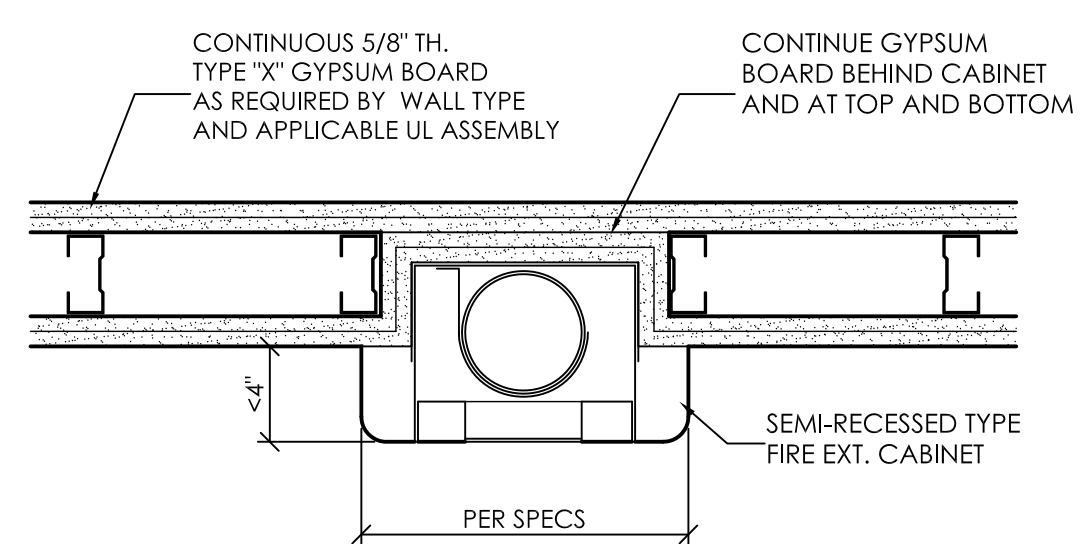
New Sorority House For  
**BETA PSI CHAPTER OF DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.  
JOB No. **11006**  
DATE: 7-12-11 REV DATE:  
DRAWN BY: Jim  
**Basement Floor Plan**  
SHEET NUMBER **LS1.0**



**1**  
**LS1.1**  
 1/8" = 1'-0"



**2**  
**LS1.1**  
 1 1/2" = 1'-0"

**Occupancy Group Legend**

	FUTURE GROUP A-3		GROUP A-2		GROUP B
	GROUP S-1		GROUP A-3		GROUP R-2

**Fire Protection / Life Safety Legend**

	30 MINUTE FIRE RATED WALL CONSTRUCTION		EGRESS PATH-DIRECTION OF TRAVEL
	1 HOUR FIRE RATED WALL CONSTRUCTION		FIRE EXTINGUISHER CABINET
	2 HOUR FIRE RATED WALL CONSTRUCTION		EXIT SIGN
	90 MINUTE FIRE RATED DOOR		2 HOUR FIRE RATED HORIZONTAL SEPARATION.
	45 MINUTE FIRE RATED DOOR		
	20 MINUTE FIRE RATED DOOR		

NOTE: ALL FLOOR / CEILING SEPARATIONS SHALL BE AS INDICATED ON SHEET LS1.0 UNLESS INDICATED BY 2 HOUR DESIGNATION. COORDINATE WITH REFLECTED CEILING PLANS.

**First Floor Occupant Load**  
*International Building Code 2009*

Group	Use	Calculation Basis	Occupant Load
A-2	Dining Room	1 per 15 S.F. Net	150
A-2	Commercial Kitchen	1 per 200 S.F. Gross	8
A-3	Living Areas	1 per 15 S.F. Net	213
B	Restrooms/Office	1 per 100 S.F. Gross	20
R-2	Administrator Residence	1 per 200 S.F. Gross	4
<b>Total Occupants</b>			<b>395</b>

"The Building Commission will permit the architect to calculate the actual occupant load based on the primary day-to-day function of the space for determining minimum plumbing fixtures and other code requirements."

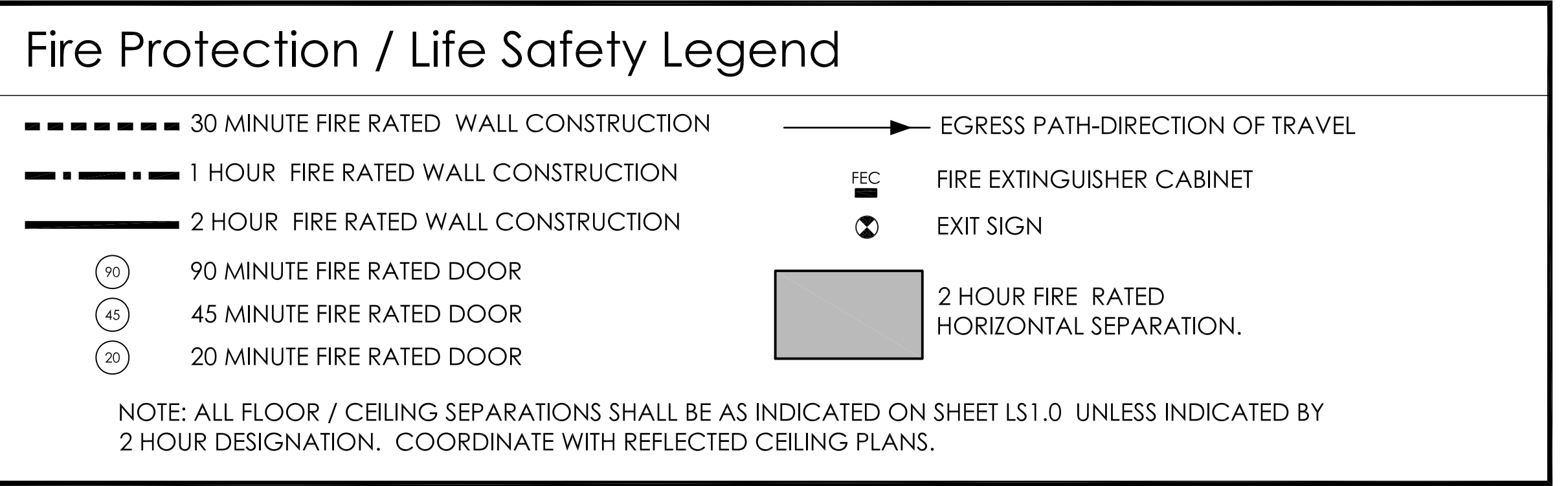
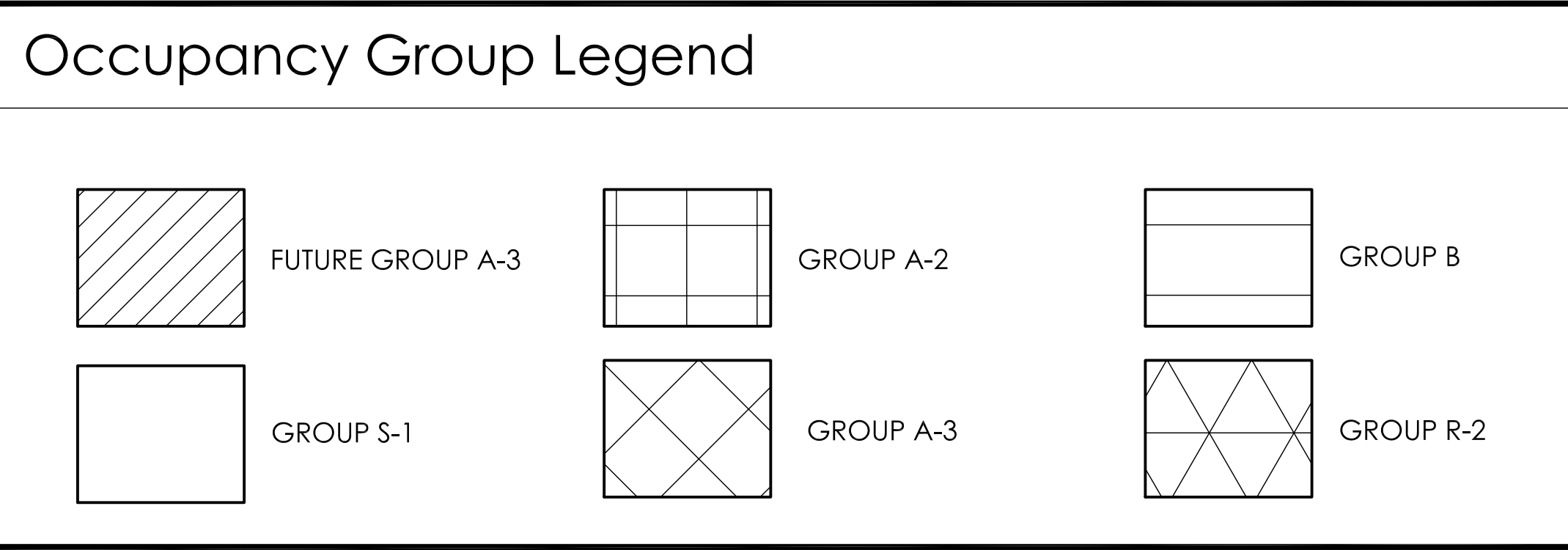
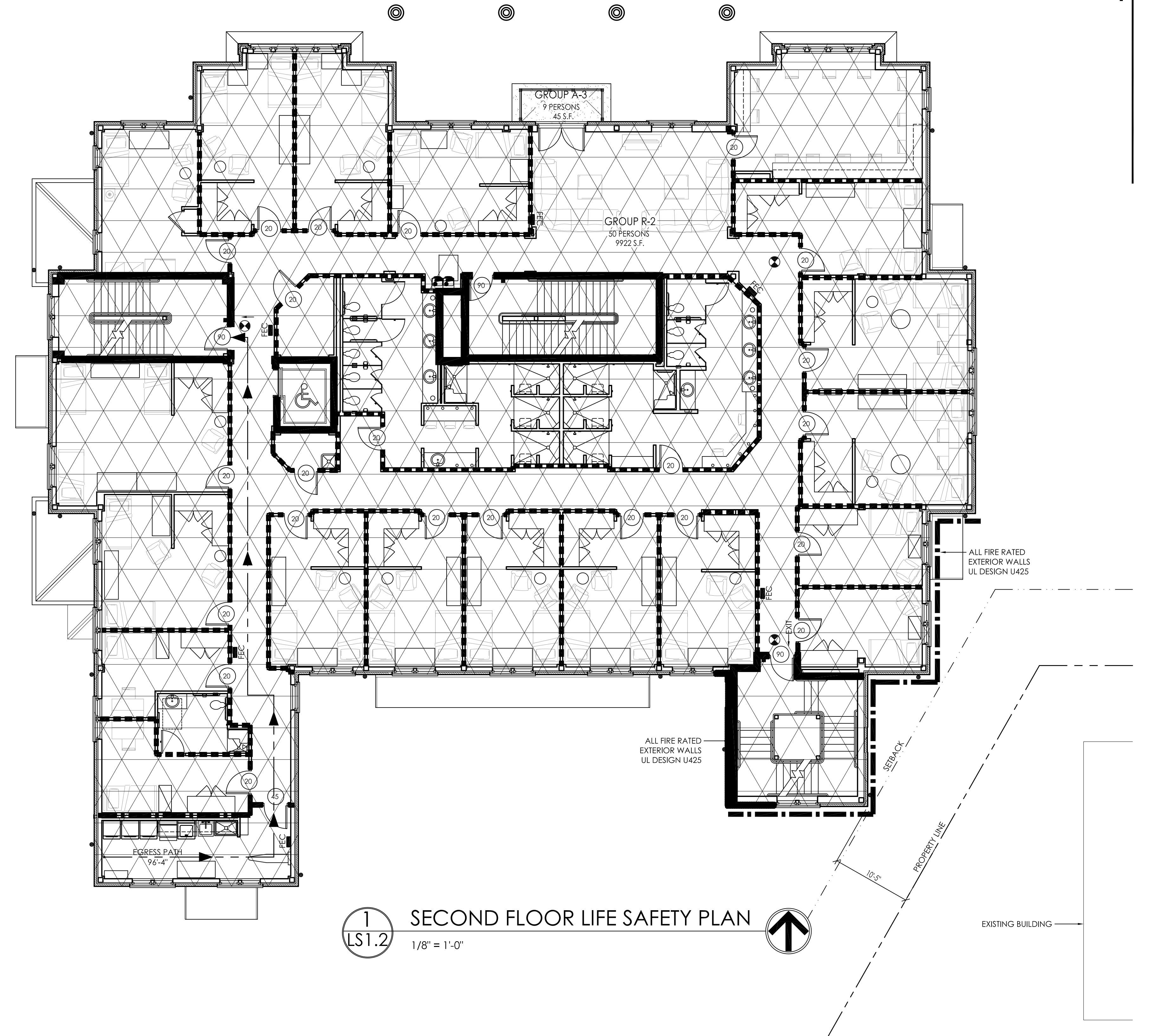
**Means of Egress Requirements**  
*International Building Code 2009*

Occupant Load	Min. No. of Exits Required	Number of Exits Provided	Min. Exit Width Required	Min. Exit Width Provided	Min. Stair Width Required	Stair Width Provided	Max. Distance to Exits Allowed
395	2	4	0.3 X 395 = 119	136	N/A	EXIT DISCHARGE FLOOR	250 FEET (GROUP A-3)

As per Tables 1005.1, 1014.1, 1015.1, 1016.1, 1018.1

**Plumbing Fixture Requirements - Everyday Use**  
*International Building Code 2009*

Location	Group	Persons	Water Closets Required see section 419.2 of the IPC for urinals		Water Closets Supplied		Urinals Supplied (Included in WC)	Lavatories Required		Lavatories Supplied		Tubs or Showers Required	Tubs or Showers Supplied	Drinking Fountains Required	Drinking Fountains Supplied	Other Required	Other Supplied
			male	female	male	female		male	female	male	female						
First Floor	A-2	395	3	3	4	3	2	2	2	3	3	0	0	1	2	1 Serv Sink	1 Serv Sink



**Second Floor Occupant Load**  
*International Building Code 2009*

Group	Use	Calculation Basis	Occupant Load
R-2	Dormitory Rooms	1 per 200 S.F. Gross	50
A-3	Balcony	1 per 5 S.F. Net	9
<b>Total Occupants</b>			<b>59</b>

"The Building Commission will permit the architect to calculate the actual occupant load based on the primary day-to-day function of the space for determining minimum plumbing fixtures and other code requirements."

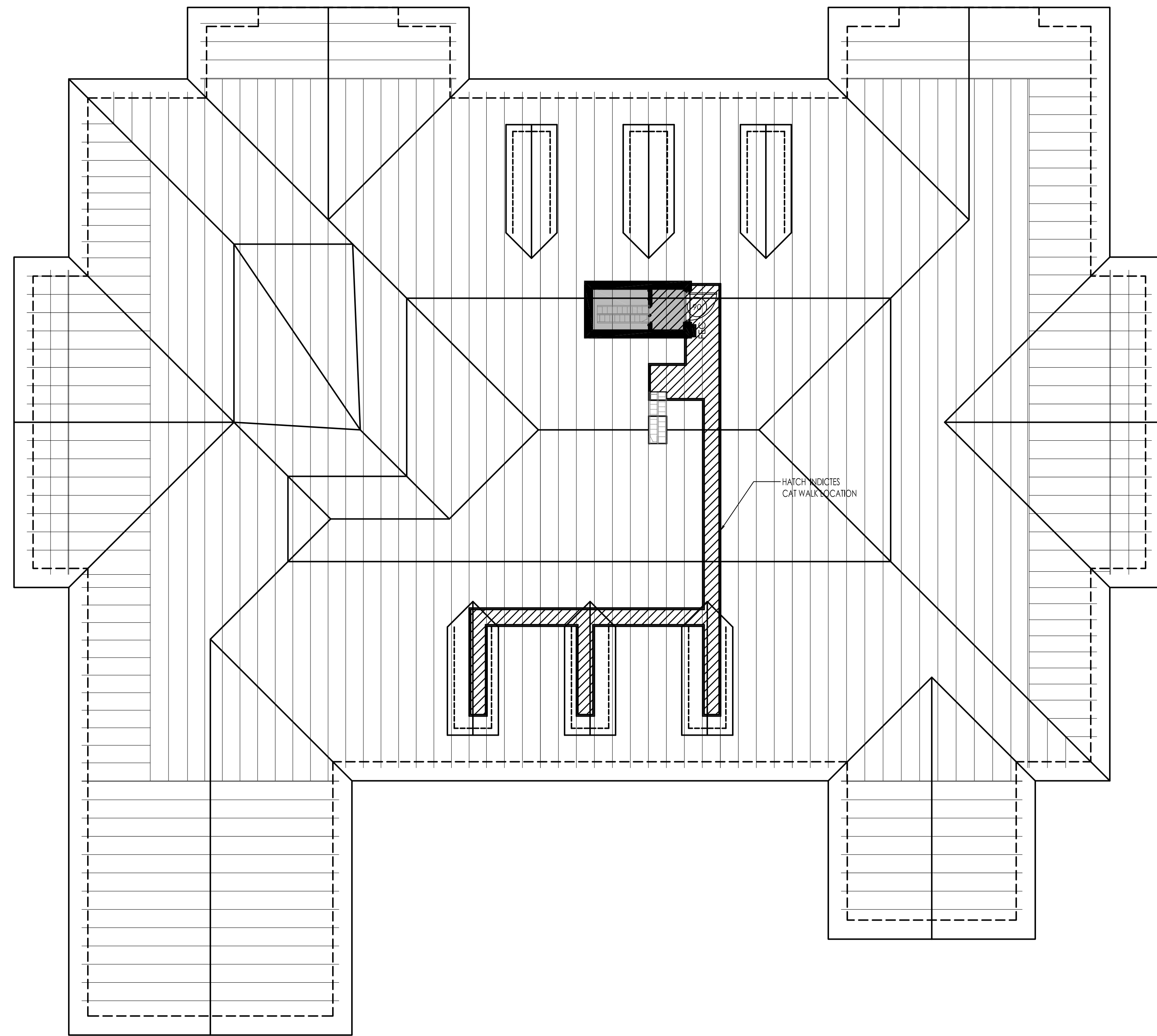
**Means of Egress Requirements**  
*International Building Code 2009*

Occupant Load	Min. No. of Exits Required	Number of Exits Provided	Min. Exit Width Required	Min. Exit Width Provided	Min. Stair Width Required	Stair Width Provided	Max. Distance to Exits Allowed
50	2	2	0.2 X 50 = 44	68	.03 X 50 = 66	96	250 FEET (GROUP A-3)

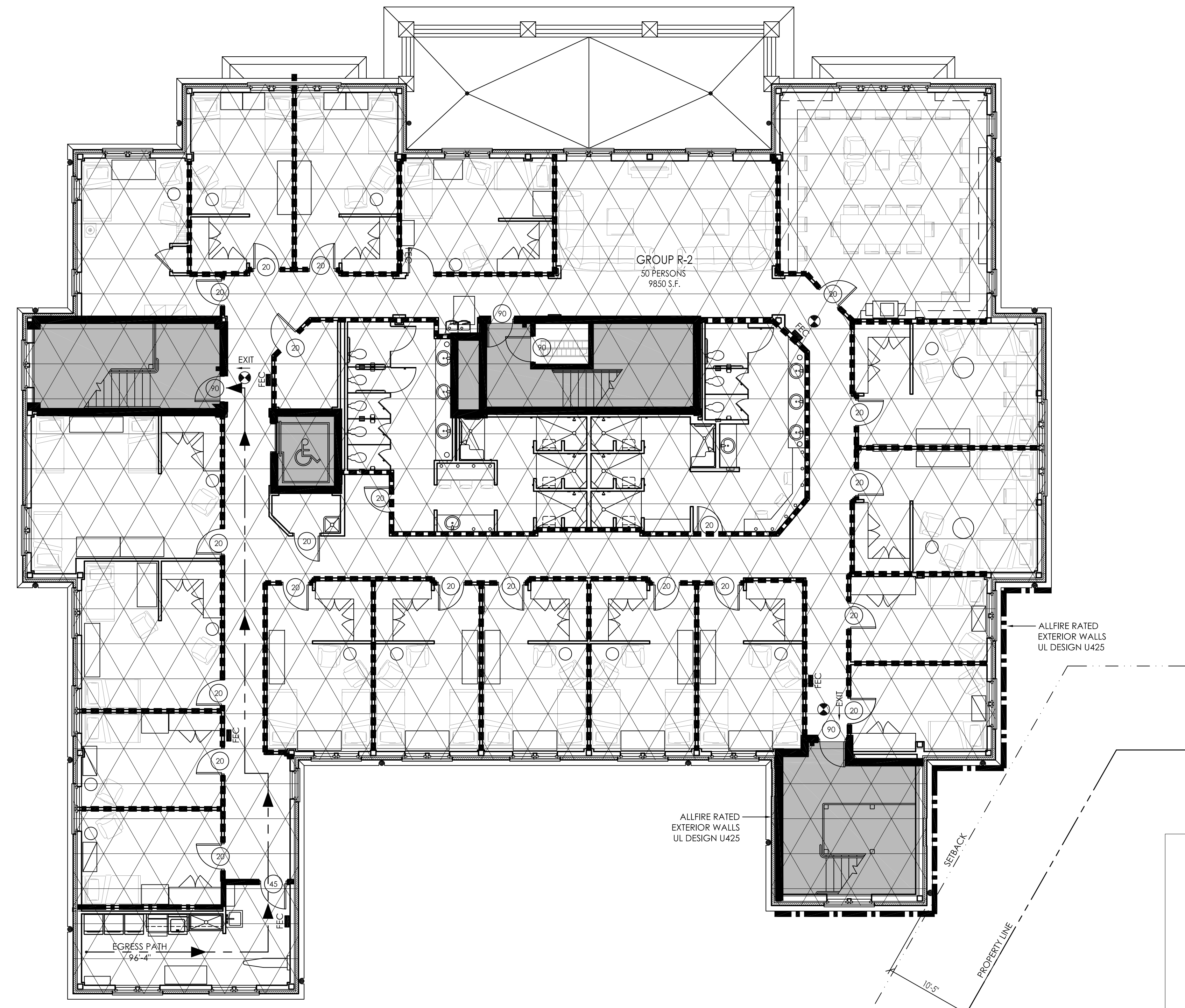
As per Tables 1005.1, 1014.1, 1015.1, 1016.1, 1018.1

**Plumbing Fixture Requirements**  
*International Building Code 2009*

Location	Group	Persons	Water Closets Required see section 419.2 of the IBC for urinals		Water Closets Supplied		Urinals Supplied	Lavatories Required		Lavatories Supplied		Tubs or Showers Required	Tubs or Showers Supplied	Drinking Fountains Required	Drinking Fountains Supplied	Other Required	Other Supplied
			male	female	male	female		male	female								
Dormitory Rooms	R-2	50	0	5	0	8	0	0	5	0	9	7	10	1	1	1 Serv Sink	1 Serv Sink



**2** ATTIC LIFE SAFETY PLAN  
 LS1.3 1/8" = 1'-0"



**1** THIRD FLOOR LIFE SAFETY PLAN  
 LS1.3 1/8" = 1'-0"

### Occupancy Group Legend

	FUTURE GROUP A-3		GROUP A-2		GROUP B
	GROUP S-1		GROUP A-3		GROUP R-2

### Fire Protection / Life Safety Legend

	30 MINUTE FIRE RATED WALL CONSTRUCTION		EGRESS PATH-DIRECTION OF TRAVEL
	1 HOUR FIRE RATED WALL CONSTRUCTION		FIRE EXTINGUISHER CABINET
	2 HOUR FIRE RATED WALL CONSTRUCTION		EXIT SIGN
	90 MINUTE FIRE RATED DOOR		2 HOUR FIRE RATED HORIZONTAL SEPARATION
	45 MINUTE FIRE RATED DOOR		
	20 MINUTE FIRE RATED DOOR		

NOTE: ALL FLOOR / CEILING SEPARATIONS SHALL BE AS INDICATED ON SHEET LS1.0 UNLESS INDICATED BY 2 HOUR DESIGNATION. COORDINATE WITH REFLECTED CEILING PLANS.

### Third Floor Occupant Load

*International Building Code 2009*

Group	Use	Calculation Basis	Occupant Load
R-2	Dormitory Rooms	1 per 200 S.F. Gross	50
<b>Total Occupants</b>			<b>50</b>

\*The Building Commission will permit the architect to calculate the actual occupant load based on the primary day-to-day function of the space for determining minimum plumbing fixtures and other code requirements.\*

### Means of Egress Requirements

*International Building Code 2009*

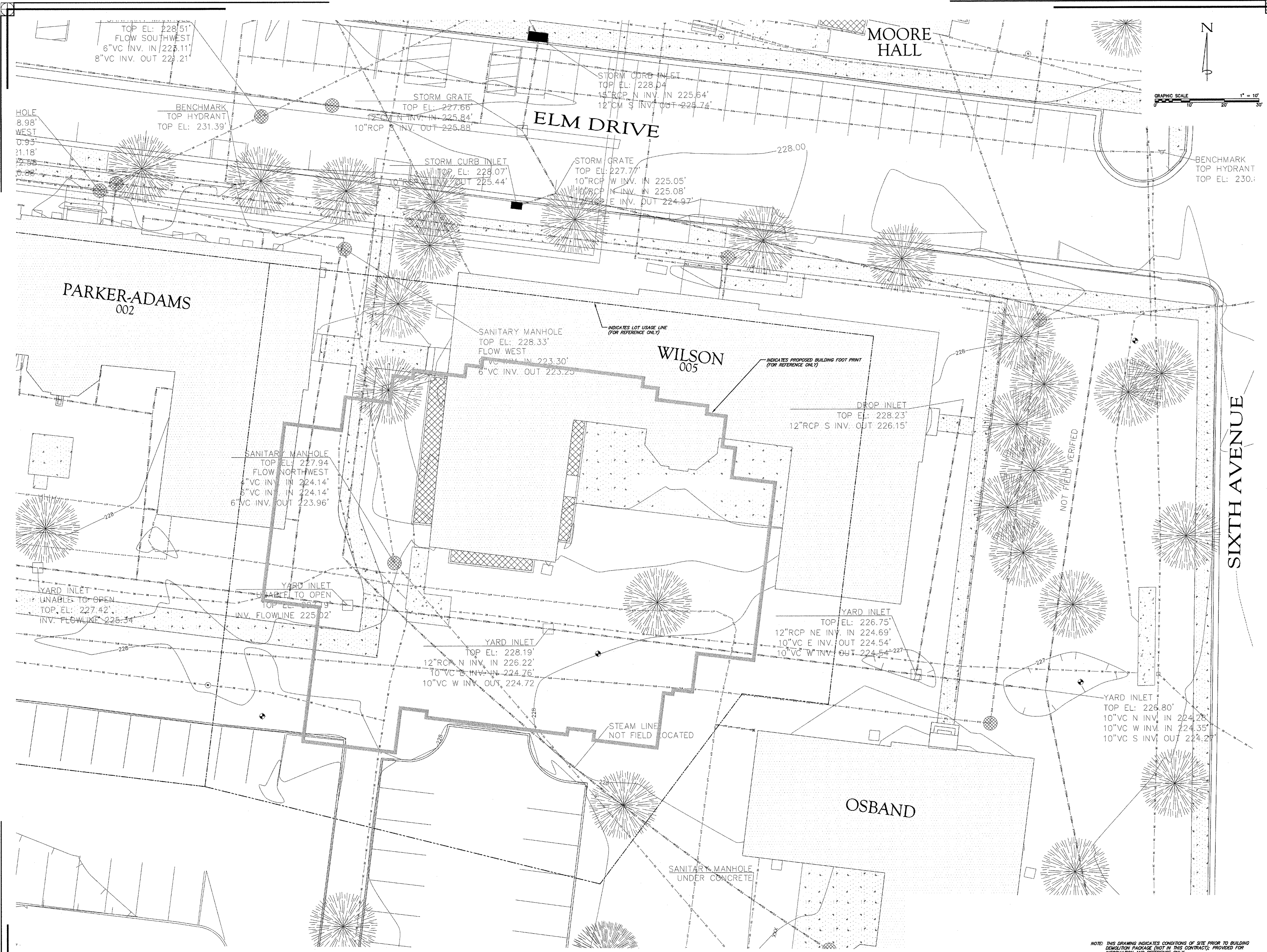
Occupant Load	Min. No. of Exits Required	Number of Exits Provided	Min. Exit Width Required	Min. Exit Width Provided	Min. Stair Width Required	Stair Width Provided	Max. Distance to Exits Allowed
50	2	2	0.2 X 50= 42.2	68	.03 X 50= 63.3	96	250 FEET (GROUP A-3)

As per Tables 1005.1, 1014.1, 1015.1, 1016.1, 1018.1

### Plumbing Fixture Requirements

*International Building Code 2009*

Location	Group	Persons	Water Closets Required see section 419.2 of the IPC for urinals		Urinals Supplied	Lavatories Required		Tubs or Showers Required	Tubs or Showers Supplied	Drinking Fountains Required	Drinking Fountains Supplied	Other Required	Other Supplied			
			male	female		male	female									
Dormitory Rooms	R-2	50	0	5	0	8	0	5	0	9	7	10	1	1	1 Serv Sink	1 Serv Sink



PROVIDED BY UA

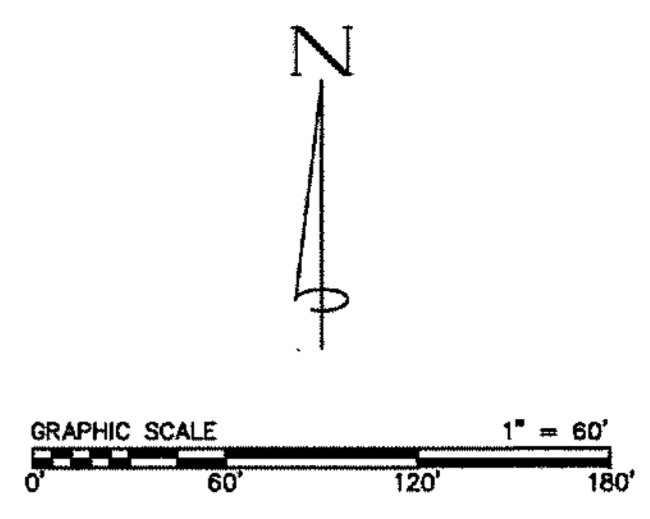
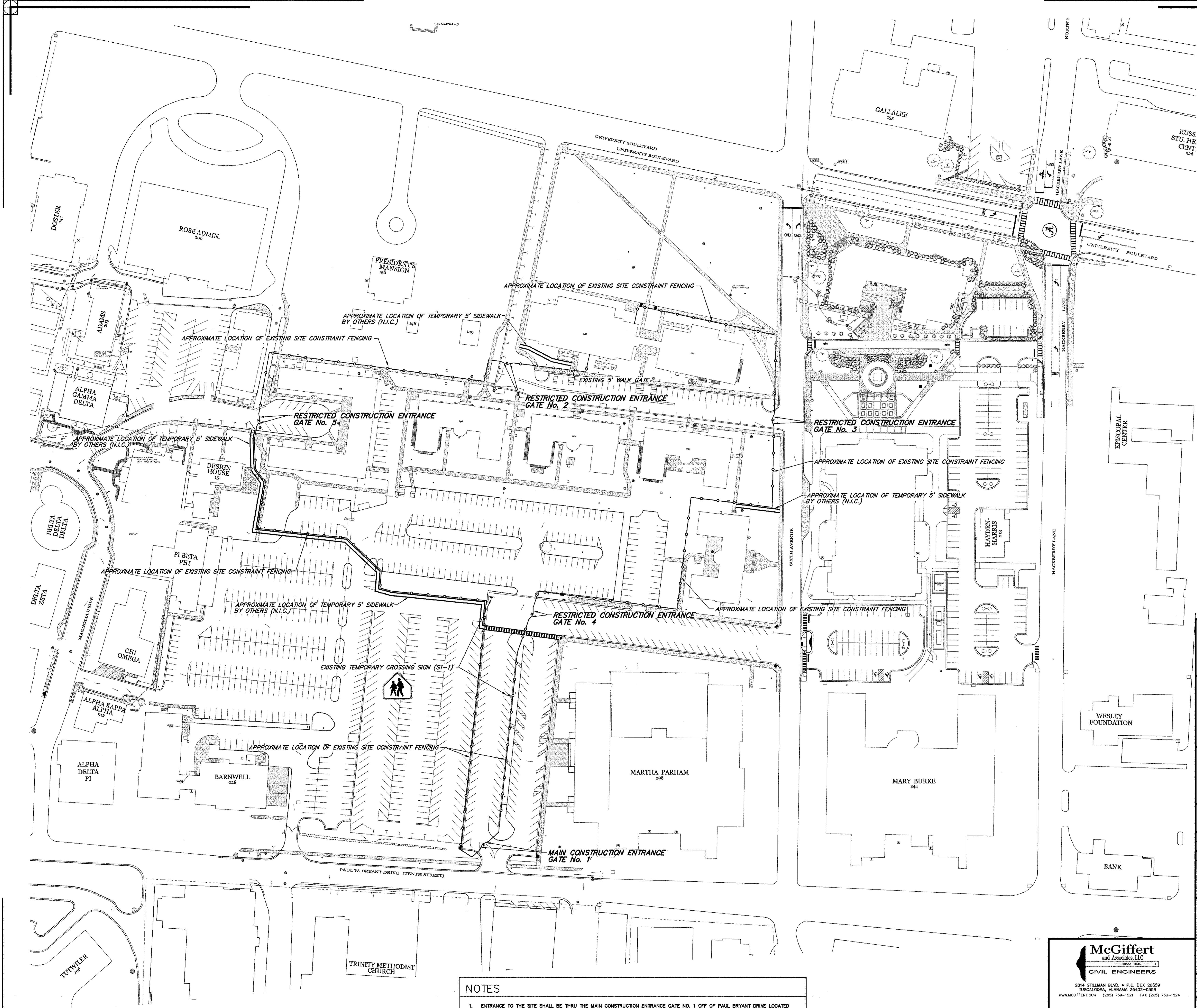
Copyright © 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

JOB No. 11006	REV DATE:
DATE: 7-12-2011	Rev Date:
DRAWN BY: S W T	

EXISTING TOPOGRAPHICAL SURVEY  
 SHEET NUMBER C0.01

NOTE: THIS DRAWING INDICATES CONDITIONS OF SITE PRIOR TO BUILDING DEMOLITION PACKAGE (NOT IN THIS CONTRACT); PROVIDED FOR INFORMATION AND REFERENCE ONLY.



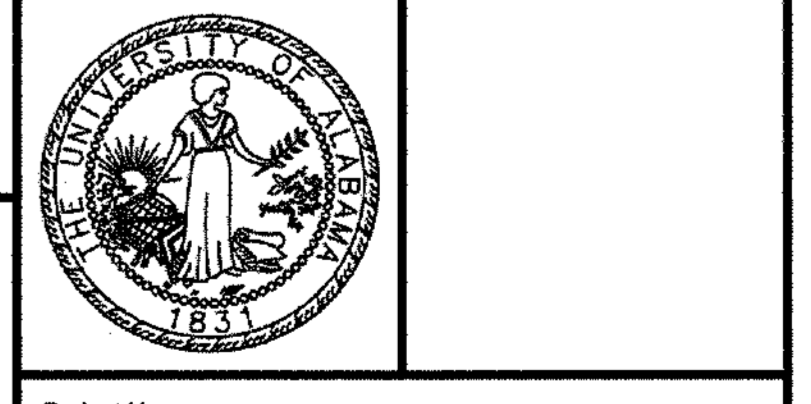
THE UNIVERSITY OF ALABAMA

**UN FACILITIES PLANNING DEPARTMENT**  
 1205 14th Street PHONE: (205) 348-8158  
 Tuscaloosa, AL 35401 FAX: (205) 348-1588

Project: DEMOLITION OF FOUR RESIDENTIAL HALLS

Sheet Title: SITE CONSTRAINT FENCING PLAN

designed: ---	checked: RAM		
drawn: DJT	date: 2/24/11		
rev	description	date	checked
---	---	---	---



Project No: #000-10-249B

1 of 1

- NOTES**
- ENTRANCE TO THE SITE SHALL BE THRU THE MAIN CONSTRUCTION ENTRANCE GATE NO. 1 OFF OF PAUL BRYANT DRIVE LOCATED GENERALLY TO THE SOUTH OF THE PROJECT AREA. OTHER RESTRICTED CONSTRUCTION ENTRANCES SHALL ONLY BE USED AT THE SOLE DISCRETION OF THE UA. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING, COMMUNICATING, SCHEDULING, ETC. WITH ANY OTHER CONTRACTORS AND PROJECTS ON ADJOINING SITES ALL TRAFFIC PATTERNS, DELIVERIES, ETC. CONTRACTOR SHALL BE PROVIDE FLAGMEN AT ENTRANCES AND OTHER WORK AREAS AS NEEDED IN ORDER TO PROPERLY DIRECT TRAFFIC AS DEEMED NECESSARY BY THE UA.
  - THIS DRAWING DOES NOT NECESSARILY SHOW EXACT LOCATION OF ALL EXISTING SITE CONSTRAINT FENCING, CONSTRUCTION ENTRANCES, TEMPORARY SIDEWALKS, ETC. AND IS PROVIDED ONLY AS A REFERENCE FOR CONTRACTOR IN REGARDS TO SITE ACCESS. THE CONTRACTOR, PRIOR TO BIDDING AND BEGINNING ANY CONSTRUCTION, SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE LOCATION OF ALL. THERE SHALL BE NO ADDITIONAL COMPENSATION TO THE CONTRACTOR FOR RELOCATIONS, TEMPORARY REMOVAL AND REINSTALLATION OF EXISTING FENCING, ADDITIONAL FENCING INSTALLED AT CONTRACTORS OPTION (LOCATION AS APPROVED BY UA), OR SECURING / CONTROLLING PROJECT AREA FOR THIS PROJECT. ANY ADDITIONAL FENCING INSTALLED AT CONTRACTORS OPTION SHALL MATCH THE EXISTING SITE CONSTRAINT FENCING (INCLUDING SCREEN MESH) UNLESS APPROVED OTHERWISE IN WRITING BY THE UA.
  - SEE SHEET C1.00 FOR NOTES REGARDING PROTECTING EXISTING FENCE AND FOR ANY ADDITIONAL REQUIRED FENCING.

**McGiffert and Associates, LLC**  
 CIVIL ENGINEERS  
 2814 WILLIAM BLVD. • P.O. BOX 30059  
 TUSCALOOSA, ALABAMA 35402-0559  
 WWW.MCGIFFERT.COM (205) 758-1521 FAX (205) 758-1524

EXISTING TOPOGRAPHICAL, PLANIMETRICS, BOUNDARY, EASEMENT, AND EXISTING UTILITY INFORMATION FROM SURVEY PERFORMED BY THE UNIVERSITY OF ALABAMA, THE ENGINEER, ARCHITECT, OR ANY OTHER SUB-CONSULTANTS NOT RESPONSIBLE FOR ACCURACY OF INFORMATION PROVIDED AND SHOWN ON THE SURVEY. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS PRIOR TO ANY CONSTRUCTION ACTIVITIES.

McGiffert AND ASSOCIATES, LLC DWG No. 09-11

BID DOCUMENTS

**Ellis Architects**  
 631 Helen Keller Boulevard, Suite 300  
 Tuscaloosa, Alabama 35404  
 www.ellisarchitects.com

NEW SORORITY HOUSE FOR  
**BETA PSI CHARTER OF DELTA GAMMA**  
 THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
 TUSCALOOSA, ALABAMA

PROVIDED BY UA

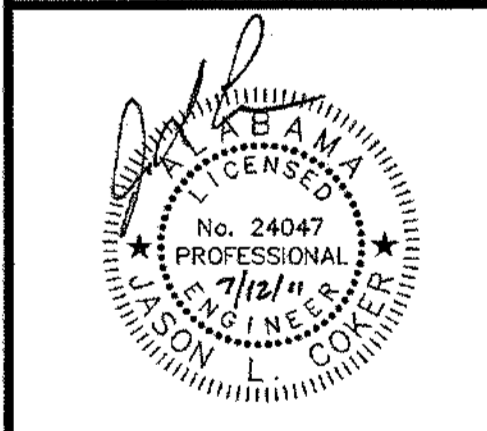
Copyright © 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-2011	Rev Date:
DRAWN BY:	SWT
<b>EXISTING SITE FENCING PLAN</b>	
SHEET NUMBER	C0.02





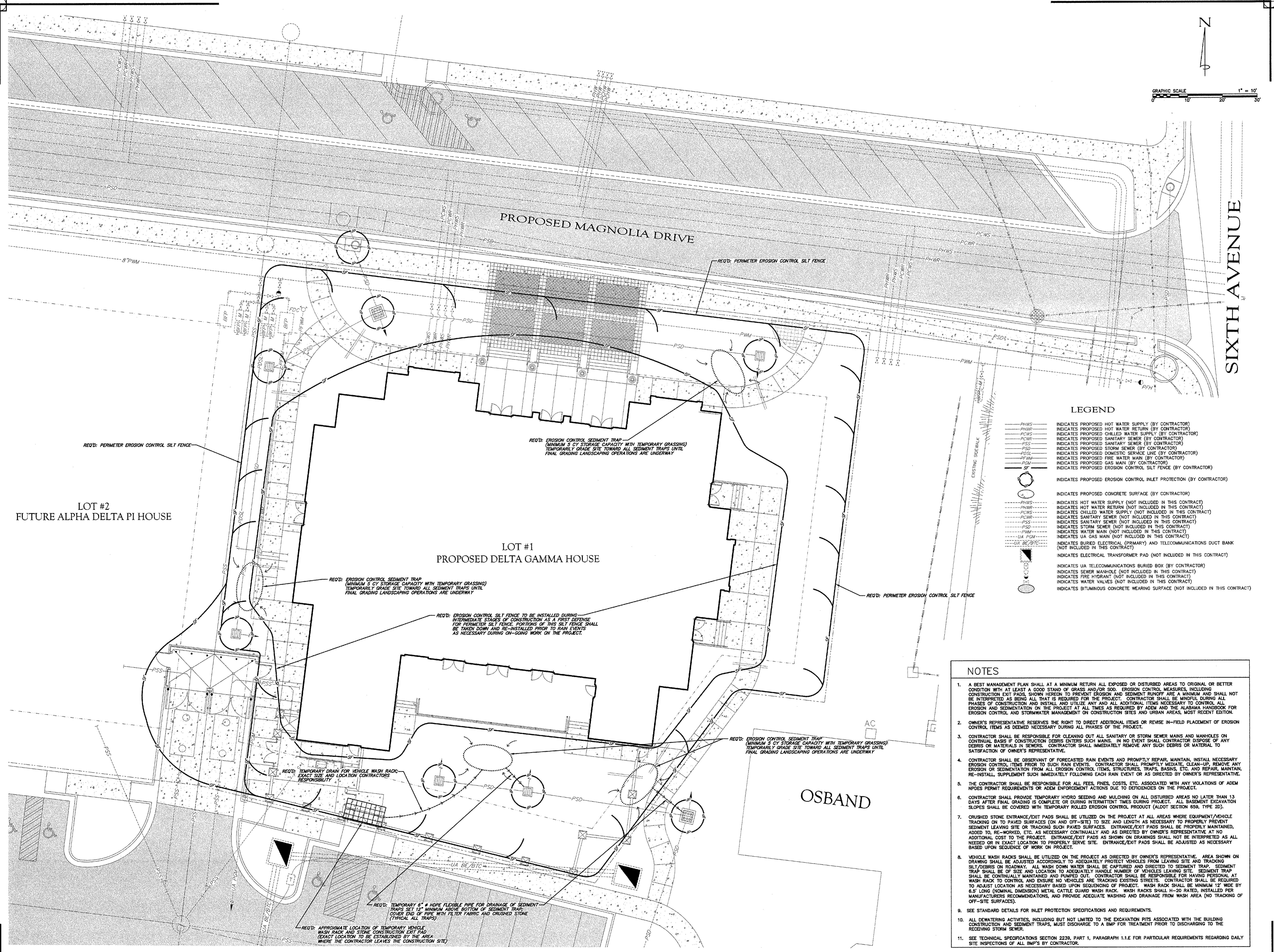


Copyright © 2011  
 Ellis Architects, Inc.

Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyright. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE	REV DATE
7-12-2011	Rev Date:
DRAWN BY:	SWT
<b>SITE EROSION CONTROL PLAN</b>	
SHEET NUMBER	C2.00



**LEGEND**

PHWS	INDICATES PROPOSED HOT WATER SUPPLY (BY CONTRACTOR)
PHWR	INDICATES PROPOSED HOT WATER RETURN (BY CONTRACTOR)
PCWS	INDICATES PROPOSED CHILLED WATER SUPPLY (BY CONTRACTOR)
PCWR	INDICATES PROPOSED CHILLED WATER RETURN (BY CONTRACTOR)
PCSS	INDICATES PROPOSED SANITARY SEWER (BY CONTRACTOR)
PCSR	INDICATES PROPOSED SANITARY SEWER RETURN (BY CONTRACTOR)
PSD	INDICATES PROPOSED STORM SEWER (BY CONTRACTOR)
PSDR	INDICATES PROPOSED STORM SEWER RETURN (BY CONTRACTOR)
PFM	INDICATES PROPOSED FIRE WATER MAIN (BY CONTRACTOR)
PGM	INDICATES PROPOSED GAS MAIN (BY CONTRACTOR)
SE	INDICATES PROPOSED EROSION CONTROL SILT FENCE (BY CONTRACTOR)
ICP	INDICATES PROPOSED EROSION CONTROL INLET PROTECTION (BY CONTRACTOR)
CS	INDICATES PROPOSED CONCRETE SURFACE (BY CONTRACTOR)
PHWS	INDICATES HOT WATER SUPPLY (NOT INCLUDED IN THIS CONTRACT)
PHWR	INDICATES HOT WATER RETURN (NOT INCLUDED IN THIS CONTRACT)
PCWS	INDICATES CHILLED WATER SUPPLY (NOT INCLUDED IN THIS CONTRACT)
PCWR	INDICATES CHILLED WATER RETURN (NOT INCLUDED IN THIS CONTRACT)
PCSS	INDICATES SANITARY SEWER (NOT INCLUDED IN THIS CONTRACT)
PCSR	INDICATES SANITARY SEWER RETURN (NOT INCLUDED IN THIS CONTRACT)
PSD	INDICATES STORM SEWER (NOT INCLUDED IN THIS CONTRACT)
PSDR	INDICATES STORM SEWER RETURN (NOT INCLUDED IN THIS CONTRACT)
PFM	INDICATES WATER MAIN (NOT INCLUDED IN THIS CONTRACT)
PGM	INDICATES GAS MAIN (NOT INCLUDED IN THIS CONTRACT)
UA BE/BTC	INDICATES BURIED ELECTRICAL (PRIMARY) AND TELECOMMUNICATIONS DUCT BANK (NOT INCLUDED IN THIS CONTRACT)
ETP	INDICATES ELECTRICAL TRANSFORMER PAD (NOT INCLUDED IN THIS CONTRACT)
UBB	INDICATES UA TELECOMMUNICATIONS BURIED BOX (BY CONTRACTOR)
SM	INDICATES SEWER MAN-HOLE (NOT INCLUDED IN THIS CONTRACT)
FH	INDICATES FIRE HYDRANT (NOT INCLUDED IN THIS CONTRACT)
WV	INDICATES WATER VALVES (NOT INCLUDED IN THIS CONTRACT)
BCS	INDICATES BITUMINOUS CONCRETE WEARING SURFACE (NOT INCLUDED IN THIS CONTRACT)

- NOTES**
- A BEST MANAGEMENT PLAN SHALL AT A MINIMUM RETURN ALL EXPOSED OR DISTURBED AREAS TO ORIGINAL OR BETTER CONDITION WITH AT LEAST A GOOD STAND OF GRASS AND/OR SOO. EROSION CONTROL MEASURES, INCLUDING CONSTRUCTION EXIT PADS SHOWN HEREIN TO PREVENT EROSION AND SEDIMENT RUNOFF ARE A MINIMUM AND SHALL NOT BE INTERPRETED AS BEING ALL THAT IS REQUIRED FOR THE PROJECT. CONTRACTOR SHALL BE MINDFUL DURING ALL PHASES OF CONSTRUCTION AND INSTALL AND UTILIZE ANY AND ALL ADDITIONAL ITEMS NECESSARY TO CONTROL ALL EROSION AND SEDIMENTATION ON THE PROJECT AT ALL TIMES AS REQUIRED BY ADEM AND THE ALABAMA HANDBOOK FOR EROSION CONTROL AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS, MOST RECENT EDITION.
  - OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO DIRECT ADDITIONAL ITEMS OR REVISE IN-FIELD PLACEMENT OF EROSION CONTROL ITEMS AS DEEMED NECESSARY DURING ALL PHASES OF THE PROJECT.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OUT ALL SANITARY OR STORM SEWER MAINS AND MANHOLES ON CENTRAL BASIS IF CONSTRUCTION DEBRIS ENTERS SUCH MAINS. IN NO EVENT SHALL CONTRACTOR DISPOSE OF ANY DEBRIS OR MATERIALS IN SEWERS. CONTRACTOR SHALL IMMEDIATELY REMOVE ANY SUCH DEBRIS OR MATERIAL TO SATISFACTION OF OWNER'S REPRESENTATIVE.
  - CONTRACTOR SHALL BE OBSERVANT OF FORECASTED RAIN EVENTS AND PROMPTLY REPAIR, MAINTAIN, INSTALL NECESSARY EROSION CONTROL ITEMS PRIOR TO SUCH RAIN EVENTS. CONTRACTOR SHALL PROMPTLY MEDIANE, CLEAN-UP, REMOVE ANY EROSION OR SEDIMENTATION FROM ALL EROSION CONTROL ITEMS, STRUCTURES, TRAPS, BASINS, ETC. AND REPAIR, MAINTAIN, RE-INSTALL, SUPPLEMENT SUCH IMMEDIATELY FOLLOWING EACH RAIN EVENT OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES, FINES, COSTS, ETC. ASSOCIATED WITH ANY VIOLATIONS OF ADEM NPDES PERMIT REQUIREMENTS OR ADEM ENFORCEMENT ACTIONS DUE TO DEFICIENCIES ON THE PROJECT.
  - CONTRACTOR SHALL PROVIDE TEMPORARY HYDRO SEEDING AND MULCHING ON ALL DISTURBED AREAS NO LATER THAN 13 DAYS AFTER FINAL GRADING IS COMPLETE OR DURING INTERMITTENT TIMES DURING PROJECT. ALL BASEMENT EXCAVATION SLOPES SHALL BE COVERED WITH TEMPORARY ROLLED EROSION CONTROL PRODUCT (ALDOT SECTION 659, TYPE 2D).
  - CRUSHED STONE ENTRANCE/EXIT PADS SHALL BE UTILIZED ON THE PROJECT AT ALL AREAS WHERE EQUIPMENT/VEHICLE TRACKING ON TO PAVED SURFACES (ON AND OFF-SITE) TO SIZE AND LENGTH AS NECESSARY TO PROPERLY PREVENT SEDIMENT LEAVING SITE OR TRACKING SUCH PAVED SURFACES. ENTRANCE/EXIT PADS SHALL BE PROPERLY MAINTAINED, ADDED TO, RE-WORKED, ETC. AS NECESSARY CONTINUALLY AND AS DIRECTED BY OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST TO THE PROJECT. ENTRANCE/EXIT PADS AS SHOWN ON DRAWINGS SHALL NOT BE INTERPRETED AS ALL NEEDED OR IN EXACT LOCATION TO PROPERLY SERVE SITE. ENTRANCE/EXIT PADS SHALL BE ADJUSTED AS NECESSARY BASED UPON SEQUENCE OF WORK ON PROJECT.
  - VEHICLE WASH RACKS SHALL BE UTILIZED ON THE PROJECT AS DIRECTED BY OWNER'S REPRESENTATIVE. AREA SHOWN ON DRAWING SHALL BE ADJUSTED ACCORDINGLY TO ADEQUATELY PROTECT VEHICLES FROM LEAVING SITE AND TRACKING SILT/DEBRIS ON ROADWAY. ALL WASH DOWN WATER SHALL BE CAPTURED AND DIRECTED TO SEDIMENT TRAP. SEDIMENT TRAP SHALL BE OF SIZE AND LOCATION TO ADEQUATELY HANDLE NUMBER OF VEHICLES LEAVING SITE. SEDIMENT TRAP SHALL BE CONTINUALLY MAINTAINED AND RINSED OUT. CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING PERSONNEL AT WASH RACK TO CONTROL AND ENSURE NO VEHICLES TRACKING EXISTING STREETS. CONTRACTOR SHALL BE REQUIRED TO ADJUST LOCATION AS NECESSARY BASED UPON SEQUENCING OF PROJECT. WASH RACK SHALL BE MINIMUM 12' WIDE BY 6.5' LONG (NORMAL DIMENSION) METAL CATTLE GUARD WASH RACK. WASH RACKS SHALL 100% RATED, INSTALLED PER MANUFACTURER'S RECOMMENDATIONS, AND PROVIDE ADEQUATE WASHING AND DRAINAGE FROM WASH AREA (NO TRACKING OF OFF-SITE SURFACES).
  - SEE STANDARD DETAILS FOR INLET PROTECTION SPECIFICATIONS AND REQUIREMENTS.
  - ALL DEWATERING ACTIVITIES, INCLUDING BUT NOT LIMITED TO THE EXCAVATION PITS ASSOCIATED WITH THE BUILDING CONSTRUCTION AND SEDIMENT TRAPS, MUST DISCHARGE TO A BMP FOR TREATMENT PRIOR TO DISCHARGING TO THE RECEIVING STORM SEWER.
  - SEE TECHNICAL SPECIFICATIONS SECTION 2239, PART 1, PARAGRAPH 1.1.E FOR PARTICULAR REQUIREMENTS REGARDING DAILY SITE INSPECTIONS OF ALL BMP'S BY CONTRACTOR.

LOT #2  
 FUTURE ALPHA DELTA PI HOUSE

LOT #1  
 PROPOSED DELTA GAMMA HOUSE

OSBAND

REQ'D: PERIMETER EROSION CONTROL SILT FENCE

REQ'D: EROSION CONTROL SEDIMENT TRAP (MINIMUM 5 CY STORAGE CAPACITY WITH TEMPORARY GRASSING) TEMPORARILY GRADE SITE TOWARD ALL SEDIMENT TRAPS UNTIL FINAL GRADING LANDSCAPING OPERATIONS ARE UNDERWAY

REQ'D: EROSION CONTROL SEDIMENT TRAP (MINIMUM 5 CY STORAGE CAPACITY WITH TEMPORARY GRASSING) TEMPORARILY GRADE SITE TOWARD ALL SEDIMENT TRAPS UNTIL FINAL GRADING LANDSCAPING OPERATIONS ARE UNDERWAY

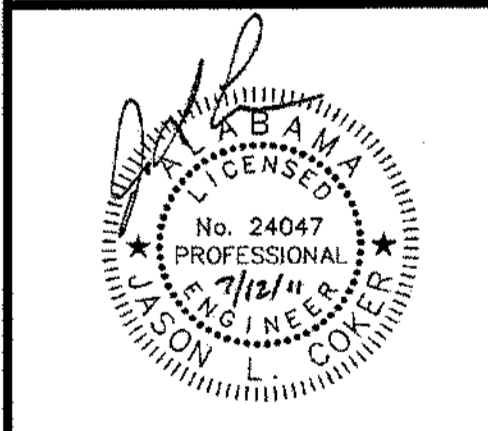
REQ'D: EROSION CONTROL SILT FENCE TO BE INSTALLED DURING INTERMEDIATE STAGES OF CONSTRUCTION AS A FIRST DEFENSE FOR PERIMETER SILT FENCE. PORTIONS OF THIS SILT FENCE SHALL BE TAKEN DOWN AND RE-INSTALLED PRIOR TO RAIN EVENTS AS NECESSARY DURING ON-GOING WORK ON THE PROJECT.

REQ'D: EROSION CONTROL SEDIMENT TRAP (MINIMUM 5 CY STORAGE CAPACITY WITH TEMPORARY GRASSING) TEMPORARILY GRADE SITE TOWARD ALL SEDIMENT TRAPS UNTIL FINAL GRADING LANDSCAPING OPERATIONS ARE UNDERWAY

REQ'D: TEMPORARY DRAIN FOR VEHICLE WASH RACK. EXACT SIZE AND LOCATION CONTRACTOR'S RESPONSIBILITY

REQ'D: TEMPORARY 6" # HOPE FLEXIBLE PIPE FOR DRAINAGE OF SEDIMENT TRAPS SET 12" MINIMUM ABOVE BOTTOM OF SEDIMENT TRAP. COVER END OF PIPE WITH FILTER FABRIC AND CRUSHED STONE (TYPICAL ALL TRAPS)

REQ'D: APPROXIMATE LOCATION OF TEMPORARY VEHICLE WASH RACK AND STONE CONSTRUCTION EXIT PAD. EXACT LOCATION TO BE ESTABLISHED BY THE AREA WHERE THE CONTRACTOR LEAVES THE CONSTRUCTION SITE)



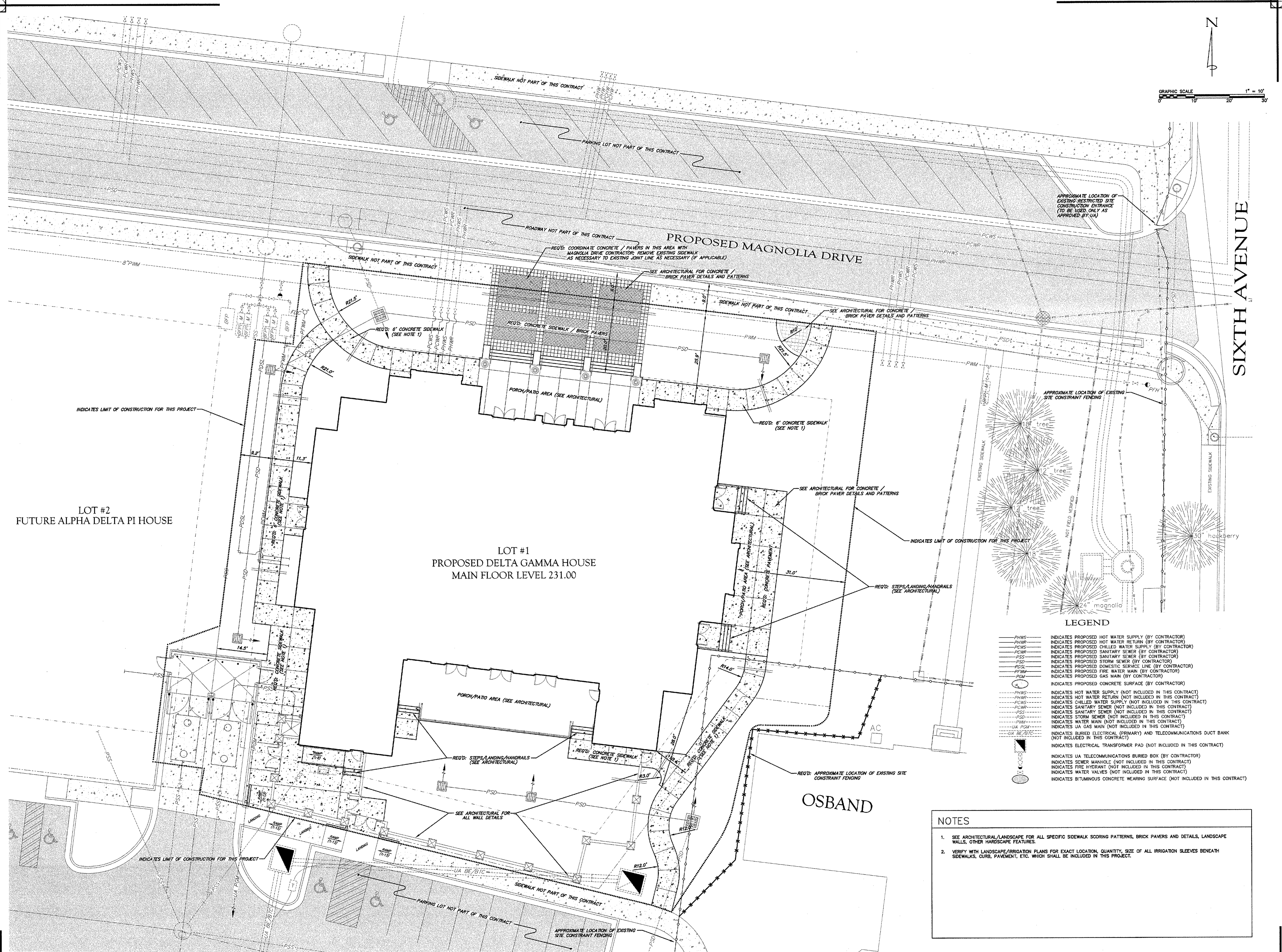
Copyright © 2011  
 Ellis Architects, Inc.

Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyright. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-2011	Rev Date:
DRAWN BY:	SWT

**SITE LAYOUT PLAN**  
 SHEET NUMBER **C3.00**



**LEGEND**

- PHWS --- INDICATES PROPOSED HOT WATER SUPPLY (BY CONTRACTOR)
- PHWR --- INDICATES PROPOSED HOT WATER RETURN (BY CONTRACTOR)
- PCWS --- INDICATES PROPOSED CHILLED WATER SUPPLY (BY CONTRACTOR)
- PCWR --- INDICATES PROPOSED CHILLED WATER RETURN (BY CONTRACTOR)
- PSS --- INDICATES PROPOSED SANITARY SEWER (BY CONTRACTOR)
- PSD --- INDICATES PROPOSED DOMESTIC SERVICE LINE (BY CONTRACTOR)
- PSD --- INDICATES PROPOSED STORM SEWER (BY CONTRACTOR)
- PFM --- INDICATES PROPOSED FIRE WATER MAIN (BY CONTRACTOR)
- PGM --- INDICATES PROPOSED GAS MAIN (BY CONTRACTOR)
- CON --- INDICATES PROPOSED CONCRETE SURFACE (BY CONTRACTOR)
- PHWS --- INDICATES HOT WATER SUPPLY (NOT INCLUDED IN THIS CONTRACT)
- PHWR --- INDICATES HOT WATER RETURN (NOT INCLUDED IN THIS CONTRACT)
- PCWS --- INDICATES CHILLED WATER SUPPLY (NOT INCLUDED IN THIS CONTRACT)
- PCWR --- INDICATES CHILLED WATER RETURN (NOT INCLUDED IN THIS CONTRACT)
- PSS --- INDICATES SANITARY SEWER (NOT INCLUDED IN THIS CONTRACT)
- PSD --- INDICATES SANITARY SEWER (NOT INCLUDED IN THIS CONTRACT)
- PSD --- INDICATES STORM SEWER (NOT INCLUDED IN THIS CONTRACT)
- PFM --- INDICATES WATER MAIN (NOT INCLUDED IN THIS CONTRACT)
- PGM --- INDICATES GAS MAIN (NOT INCLUDED IN THIS CONTRACT)
- UA BE/BTC --- INDICATES BURIED ELECTRICAL (PRIMARY) AND TELECOMMUNICATIONS DUCT BANK (NOT INCLUDED IN THIS CONTRACT)
- UA BE/BTC --- INDICATES ELECTRICAL TRANSFORMER PAD (NOT INCLUDED IN THIS CONTRACT)
- UA BE/BTC --- INDICATES UA TELECOMMUNICATIONS BURIED BOX (BY CONTRACTOR)
- UA BE/BTC --- INDICATES SEWER MANHOLE (NOT INCLUDED IN THIS CONTRACT)
- UA BE/BTC --- INDICATES FIRE HYDRANT (NOT INCLUDED IN THIS CONTRACT)
- UA BE/BTC --- INDICATES WATER VALVES (NOT INCLUDED IN THIS CONTRACT)
- UA BE/BTC --- INDICATES BITUMINOUS CONCRETE WEARING SURFACE (NOT INCLUDED IN THIS CONTRACT)

**NOTES**

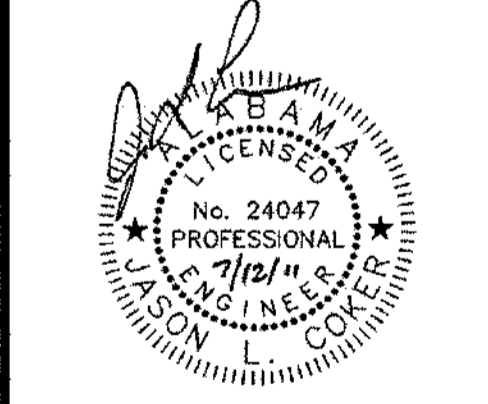
1. SEE ARCHITECTURAL/LANDSCAPE FOR ALL SPECIFIC SIDEWALK SCORING PATTERNS, BRICK PAVERS AND DETAILS, LANDSCAPE WALLS, OTHER HARDSCAPE FEATURES.
2. VERIFY WITH LANDSCAPE/IRRIGATION PLANS FOR EXACT LOCATION, QUANTITY, SIZE OF ALL IRRIGATION SLEEVES BENEATH SIDEWALKS, CURB, PAVEMENT, ETC. WHICH SHALL BE INCLUDED IN THIS PROJECT.

EXISTING TOPOGRAPHICAL, PLANIMETRIC, BOUNDARY, EASEMENT, AND EXISTING UTILITY INFORMATION FROM SURVEY PERFORMED BY THE UNIVERSITY OF ALABAMA. THE ENGINEER, ARCHITECT, OR ANY OTHER SUB-CONSULTANTS NOT RESPONSIBLE FOR ACCURACY OF INFORMATION PROVIDED AND SHOWN ON THE SURVEY. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS PRIOR TO ANY CONSTRUCTION ACTIVITIES.

McGiffert and Associates, LLC DWG No. 09-11  
 FILENAME: UA-0606m-Site  
 DRAWN BY: S W T  
 CHECKED BY: J L C

**BID DOCUMENTS**



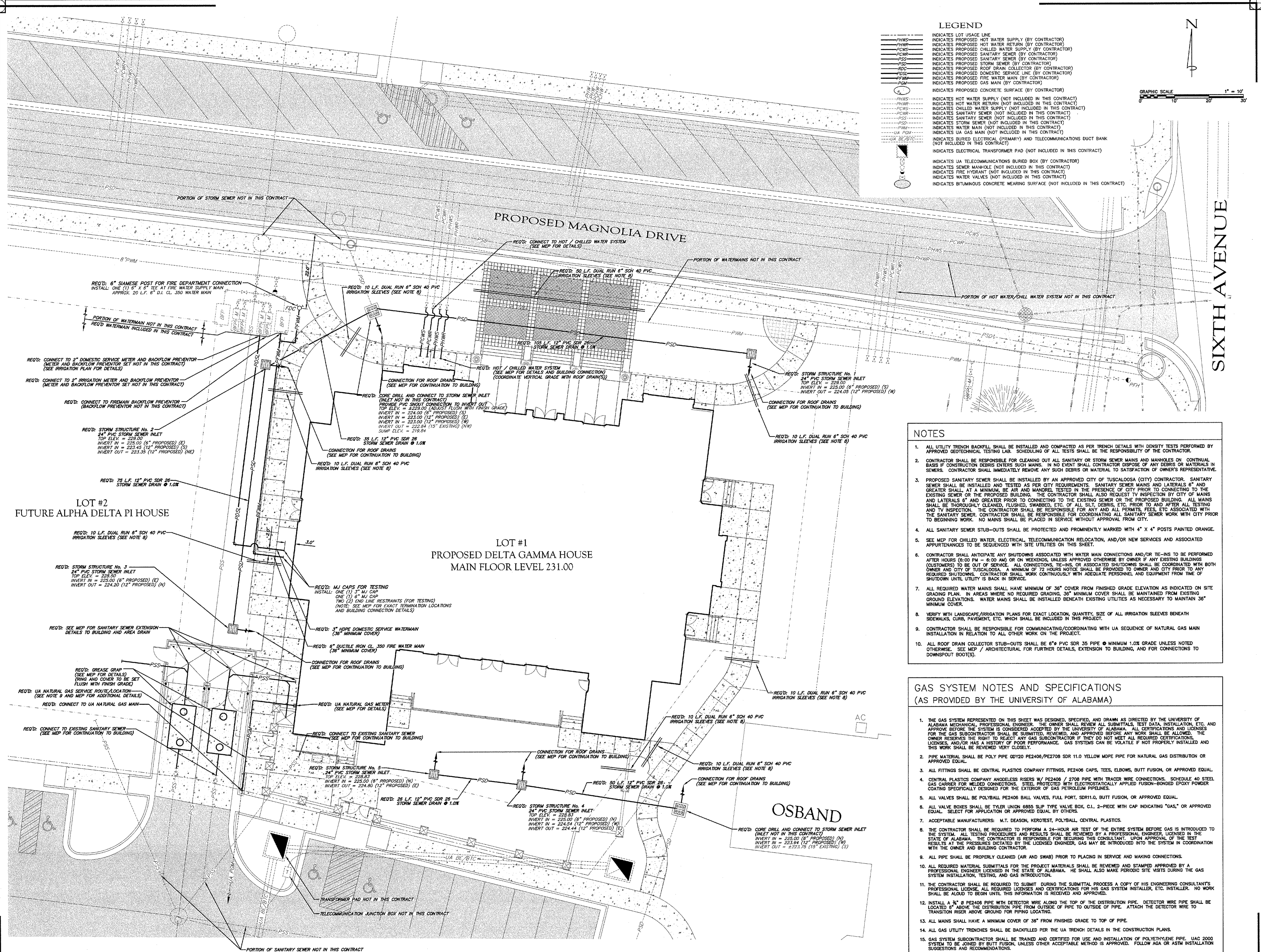
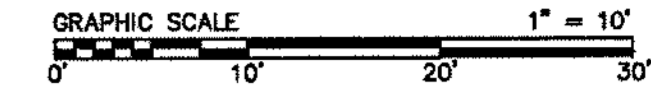


Copyright © 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
 Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

JOB No. 11006	
DATE: 7-12-2011	REV DATE: Rev Date:
DRAWN BY: S.W.T.	
<b>SITE UTILITY PLAN</b>	
SHEET NUMBER <b>C5.00</b>	

**LEGEND**

- INDICATES LOT USAGE LINE
- INDICATES PROPOSED HOT WATER SUPPLY (BY CONTRACTOR)
- INDICATES PROPOSED HOT WATER RETURN (BY CONTRACTOR)
- INDICATES PROPOSED CHILLED WATER SUPPLY (BY CONTRACTOR)
- INDICATES PROPOSED SANITARY SEWER (BY CONTRACTOR)
- INDICATES PROPOSED SANITARY SEWER (BY CONTRACTOR)
- INDICATES PROPOSED SANITARY SEWER (BY CONTRACTOR)
- INDICATES PROPOSED STORM SEWER (BY CONTRACTOR)
- INDICATES PROPOSED ROOF DRAIN COLLECTOR (BY CONTRACTOR)
- INDICATES PROPOSED DOMESTIC SERVICE LINE (BY CONTRACTOR)
- INDICATES PROPOSED FIRE WATER MAIN (BY CONTRACTOR)
- INDICATES PROPOSED GAS MAIN (BY CONTRACTOR)
- INDICATES PROPOSED CONCRETE SURFACE (BY CONTRACTOR)
- INDICATES HOT WATER SUPPLY (NOT INCLUDED IN THIS CONTRACT)
- INDICATES HOT WATER RETURN (NOT INCLUDED IN THIS CONTRACT)
- INDICATES CHILLED WATER SUPPLY (NOT INCLUDED IN THIS CONTRACT)
- INDICATES SANITARY SEWER (NOT INCLUDED IN THIS CONTRACT)
- INDICATES SANITARY SEWER (NOT INCLUDED IN THIS CONTRACT)
- INDICATES STORM SEWER (NOT INCLUDED IN THIS CONTRACT)
- INDICATES WATER MAIN (NOT INCLUDED IN THIS CONTRACT)
- INDICATES UA GAS MAIN (NOT INCLUDED IN THIS CONTRACT)
- INDICATES BURIED ELECTRICAL (PRIMARY) AND TELECOMMUNICATIONS DUCT BANK (NOT INCLUDED IN THIS CONTRACT)
- INDICATES ELECTRICAL TRANSFORMER PAD (NOT INCLUDED IN THIS CONTRACT)
- INDICATES UA TELECOMMUNICATIONS BURIED BOX (BY CONTRACTOR)
- INDICATES SEWER MANHOLE (NOT INCLUDED IN THIS CONTRACT)
- INDICATES FIRE HYDRANT (NOT INCLUDED IN THIS CONTRACT)
- INDICATES WATER VALVES (NOT INCLUDED IN THIS CONTRACT)
- INDICATES BITUMINOUS CONCRETE WEARING SURFACE (NOT INCLUDED IN THIS CONTRACT)

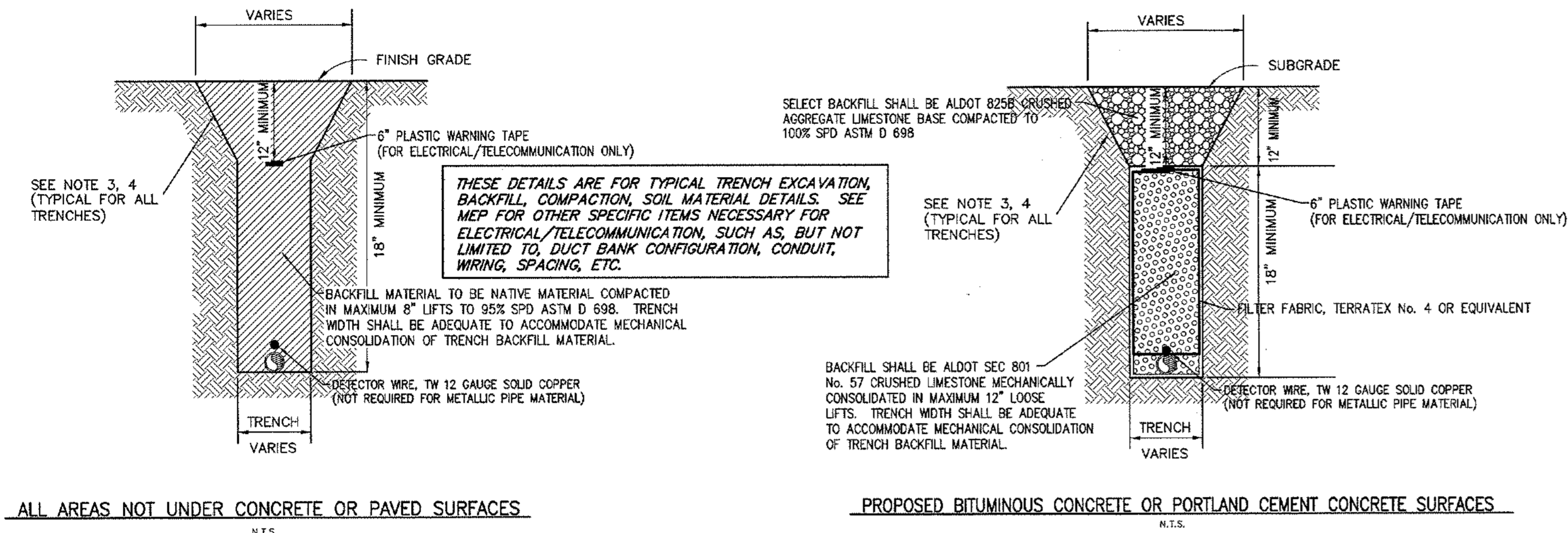


**NOTES**

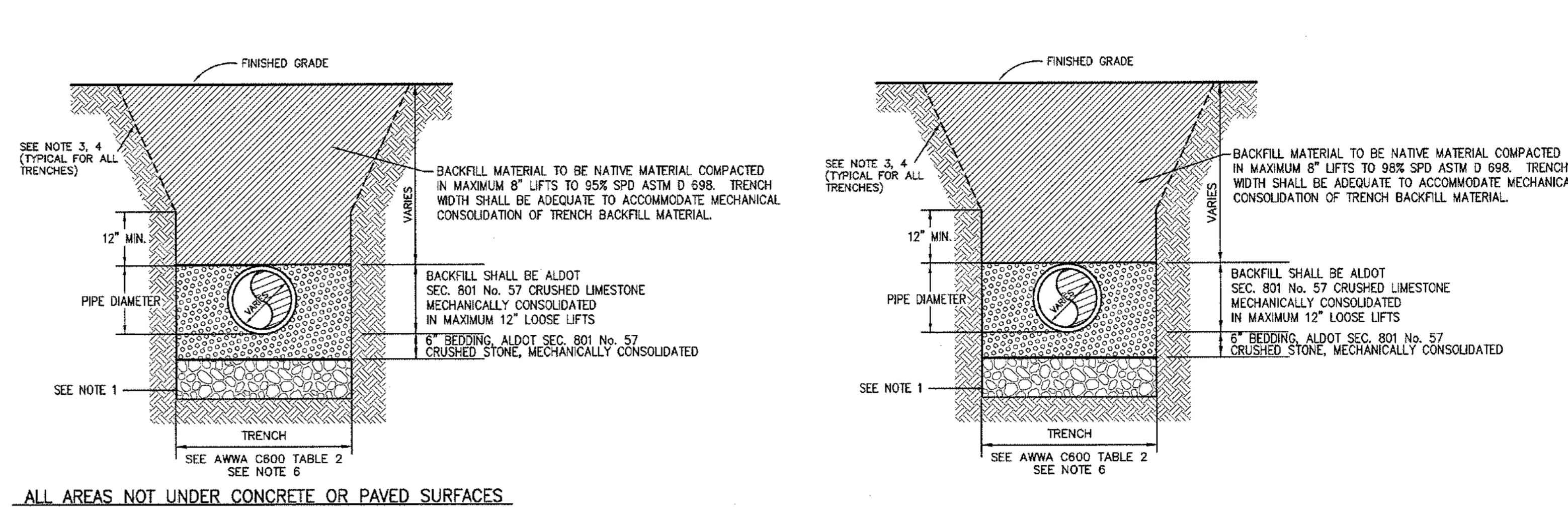
1. ALL UTILITY TRENCH BACKFILL SHALL BE INSTALLED AND COMPACTED AS PER TRENCH DETAILS WITH DENSITY TESTS PERFORMED BY APPROVED GEOTECHNICAL TESTING LAB. SCHEDULED TESTING OF ALL TESTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OUT ALL SANITARY OR STORM SEWER MAINS AND MANHOLES ON CONTINUAL BASIS IF CONSTRUCTION DEBRIS ENTERS SUCH MAINS. IN NO EVENT SHALL CONTRACTOR DISPOSE OF ANY DEBRIS OR MATERIALS IN SEWERS. CONTRACTOR SHALL IMMEDIATELY REMOVE ANY SUCH DEBRIS OR MATERIAL TO SATISFACTION OF OWNER'S REPRESENTATIVE.
3. PROPOSED SANITARY SEWER SHALL BE INSTALLED BY AN APPROVED CITY OF TUSCALOOSA (CITY) CONTRACTOR. SANITARY SEWER SHALL BE INSTALLED AND TESTED AS PER CITY REQUIREMENTS. SANITARY SEWER MAINS AND LATERALS 6" AND GREATER SHALL BE AIR AND MANHOLES TESTED IN THE PRESENCE OF CITY PRIOR TO CONNECTING TO THE EXISTING SEWER OR THE PROPOSED BUILDING. THE CONTRACTOR SHALL ALSO REQUEST TV INSPECTION BY CITY OF MAINS AND LATERALS 6" AND GREATER PRIOR TO CONNECTING TO THE EXISTING SEWER OR THE PROPOSED BUILDING. ALL MAINS SHALL BE THOROUGHLY FLUSHED, SWABBED, ETC. OF ALL S.L.T. DEBRIS, ETC. PRIOR TO AND AFTER ALL TESTING AND TV INSPECTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL PERMITS, FEES, ETC. ASSOCIATED WITH THE SANITARY SEWER. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL SANITARY SEWER WORK WITH CITY PRIOR TO BEGINNING WORK. NO MAINS SHALL BE PLACED IN SERVICE WITHOUT APPROVAL FROM CITY.
4. ALL SANITARY SEWER STUB-OUTS SHALL BE PROTECTED AND PROMINENTLY MARKED WITH 4" X 4" POSTS PAINTED ORANGE.
5. SEE MEP FOR CHILLED WATER, ELECTRICAL, TELECOMMUNICATION RELOCATION, AND/OR NEW SERVICES AND ASSOCIATED APPURTENANCES TO BE ACQUIRED WITH SITE UTILITIES ON THIS SHEET.
6. CONTRACTOR SHALL ANTICIPATE ANY SHUTDOWNS ASSOCIATED WITH WATER MAIN CONNECTIONS AND/OR TIE-INS TO BE PERFORMED AFTER HOURS (6:00 PM - 6:00 AM) OR ON WEEKENDS, UNLESS APPROVED OTHERWISE BY OWNER IF ANY EXISTING BUILDINGS (CUSTOMERS) TO BE OUT OF SERVICE. ALL CONNECTIONS, TIE-INS, OR ASSOCIATED SHUTDOWNS SHALL BE COORDINATED WITH BOTH OWNER AND CITY OF TUSCALOOSA. A MINIMUM 24 HOURS NOTICE SHALL BE PROVIDED TO OWNER AND CITY PRIOR TO ANY REQUIRED SHUTDOWNS. CONTRACTOR SHALL WORK CONTINUOUSLY WITH ADEQUATE PERSONNEL AND EQUIPMENT FROM TIME OF SHUTDOWN UNTIL UTILITY IS BACK IN SERVICE.
7. ALL REQUIRED WATER MAINS SHALL HAVE MINIMUM OF 36" COVER FROM FINISHED GRADE ELEVATION AS INDICATED ON SITE GRADING PLAN. IN AREAS WHERE NO REQUIRED GRADING, 36" MINIMUM COVER SHALL BE MAINTAINED FROM EXISTING GROUND ELEVATIONS. WATER MAINS SHALL BE INSTALLED BENEATH EXISTING UTILITIES AS NECESSARY TO MAINTAIN 36" MINIMUM COVER.
8. VERIFY WITH LANDSCAPE/IRRIGATION PLANS FOR EXACT LOCATION, QUANTITY, SIZE OF ALL IRRIGATION SLEEVES BENEATH SIDEWALKS, CURB, PAVEMENT, ETC. WHICH SHALL BE INCLUDED IN THIS PROJECT.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR COMMUNICATING/COORDINATING WITH UA SEQUENCE OF NATURAL GAS MAIN INSTALLATION IN RELATION TO ALL OTHER WORK ON THE PROJECT.
10. ALL ROOF DRAIN COLLECTOR STUB-OUTS SHALL BE 6" PVC SDR 35 PIPE @ MINIMUM 1.0% GRADE UNLESS NOTED OTHERWISE. SEE MEP / ARCHITECTURAL FOR FURTHER DETAILS, EXTENSION TO BUILDING, AND FOR CONNECTIONS TO DOWNSPOUT BOOT(S).

**GAS SYSTEM NOTES AND SPECIFICATIONS  
 (AS PROVIDED BY THE UNIVERSITY OF ALABAMA)**

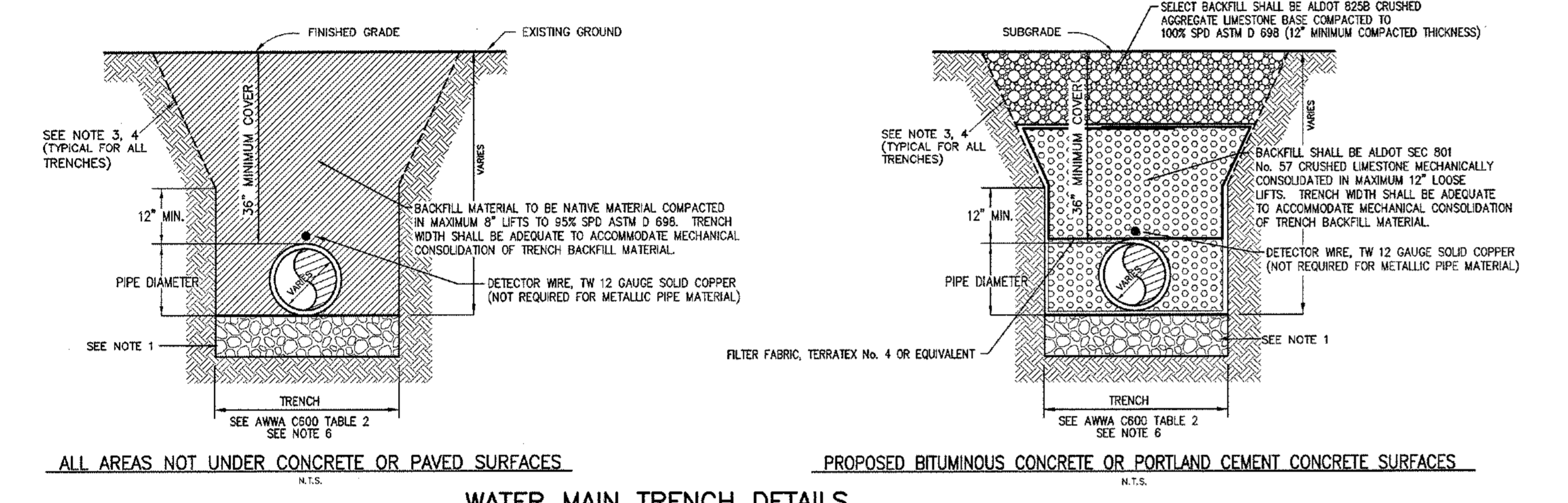
1. THE GAS SYSTEM REPRESENTED ON THIS SHEET WAS DESIGNED, SPECIFIED, AND DRAWN AS DIRECTED BY THE UNIVERSITY OF ALABAMA MECHANICAL PROFESSIONAL ENGINEER. THE OWNER SHALL REVIEW ALL SUBMITTALS, TEST DATA, INSTALLATION, ETC. AND APPROVE BEFORE THE SYSTEM IS CONSIDERED ACCEPTED BY THE UNIVERSITY OF ALABAMA. ALL CERTIFICATIONS AND LICENSES FOR THE GAS SUBCONTRACTOR SHALL BE SUBMITTED, REVIEWED, AND APPROVED BEFORE ANY WORK SHALL BE ALLOWED. THE OWNER RESERVES THE RIGHT TO REJECT ANY GAS SUBCONTRACTOR IF THEY DO NOT MEET ALL REQUIRED CERTIFICATIONS, LICENSES, AND/OR HAS A HISTORY OF POOR PERFORMANCE. GAS SYSTEMS CAN BE VOLATILE IF NOT PROPERLY INSTALLED AND THIS WORK SHALL BE REVIEWED VERY CLOSELY.
2. PIPE MATERIAL SHALL BE POLY PIPE GDY20 PE2406/PE2708 SDR 11.0 YELLOW HDPE PIPE FOR NATURAL GAS DISTRIBUTION OR APPROVED EQUAL.
3. ALL FITTINGS SHALL BE CENTRAL PLASTICS COMPANY FITTINGS, PE2406 CAPS, TEES, ELBOWS, BUTT FUSION, OR APPROVED EQUAL.
4. CENTRAL PLASTICS COMPANY ANODELESS RISERS W/ PE2406 / 2708 PIPE WITH TRACER WIRE CONNECTIONS. SCHEDULE 40 STEEL GAS CARRIER FOR WELDED CONNECTIONS. STEEL PROTECTED WITH ELECTROSTATICALLY APPLIED FUSION-BONDED EPOXY POWDER COATING SPECIALLY DESIGNED FOR THE EXTERIOR OF GAS PETROLEUM PIPELINES.
5. ALL VALVES SHALL BE POLYBALL PE2406 BALL VALVES, FULL PORT, SDR11.0, BUTT FUSION, OR APPROVED EQUAL.
6. ALL VALVE BOXES SHALL BE TYLER UNION 6855 SLIP TYPE VALVE BOX, C.I., 2-PIECE WITH CAP INDICATING "GAS," OR APPROVED EQUAL. SELECT FOR APPLICATION OR APPROVED EQUAL BY OTHERS.
7. ACCEPTABLE MANUFACTURERS: M.T. DEASON, KEROTEST, POLYBALL, CENTRAL PLASTICS.
8. THE CONTRACTOR SHALL BE REQUIRED TO PERFORM A 24-HOUR AIR TEST OF THE ENTIRE SYSTEM BEFORE GAS IS INTRODUCED TO THE SYSTEM. ALL TESTING PROCEDURES AND RESULTS SHALL BE REVIEWED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF ALABAMA. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THIS CONSULTANT. UPON APPROVAL OF THE TEST RESULTS AT THE PRESSURES DICTATED BY THE LICENSED ENGINEER, GAS MAY BE INTRODUCED INTO THE SYSTEM IN COORDINATION WITH THE OWNER AND BUILDING CONTRACTOR.
9. ALL PIPE SHALL BE PROPERLY CLEANED (AIR AND SWAB) PRIOR TO PLACING IN SERVICE AND MAKING CONNECTIONS.
10. ALL REQUIRED MATERIAL SUBMITTALS FOR THE PROJECT MATERIALS SHALL BE REVIEWED AND STAMPED APPROVED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF ALABAMA. HE SHALL ALSO MAKE PERIODIC SITE VISITS DURING THE GAS SYSTEM INSTALLATION, TESTING, AND GAS INTRODUCTION.
11. THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT DURING THE SUBMITTAL PROCESS A COPY OF HIS ENGINEERING CONSULTANT'S PROFESSIONAL LICENSE, ALL REQUIRED LICENSES AND CERTIFICATIONS FOR HIS GAS SYSTEM INSTALLER, ETC. INSTALLER. NO WORK SHALL BE ALLOWED TO BEGIN UNTIL THIS INFORMATION IS RECEIVED AND APPROVED.
12. INSTALL A 3/4" PE2406 PIPE WITH DETECTOR WIRE ALONG THE TOP OF THE DISTRIBUTION PIPE. DETECTOR WIRE PIPE SHALL BE LOCATED 6" ABOVE THE DISTRIBUTION PIPE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE. ATTACH THE DETECTOR WIRE TO TRANSITION RISER ABOVE GROUND FOR PIPING LOCATION.
13. ALL MAINS SHALL HAVE A MINIMUM COVER OF 36" FROM FINISHED GRADE TO TOP OF PIPE.
14. ALL GAS UTILITY TRENCHES SHALL BE BACKFILLED PER THE UA TRENCH DETAILS IN THE CONSTRUCTION PLANS.
15. GAS SYSTEM SUBCONTRACTOR SHALL BE TRAINED AND CERTIFIED FOR USE AND INSTALLATION OF POLYETHYLENE PIPE. UAC 2000 SYSTEM TO BE JOINED BY BUTT FUSION, UNLESS OTHER ACCEPTABLE METHOD IS APPROVED. FOLLOW AQA OR ASTM INSTALLATION SUGGESTIONS AND RECOMMENDATIONS.



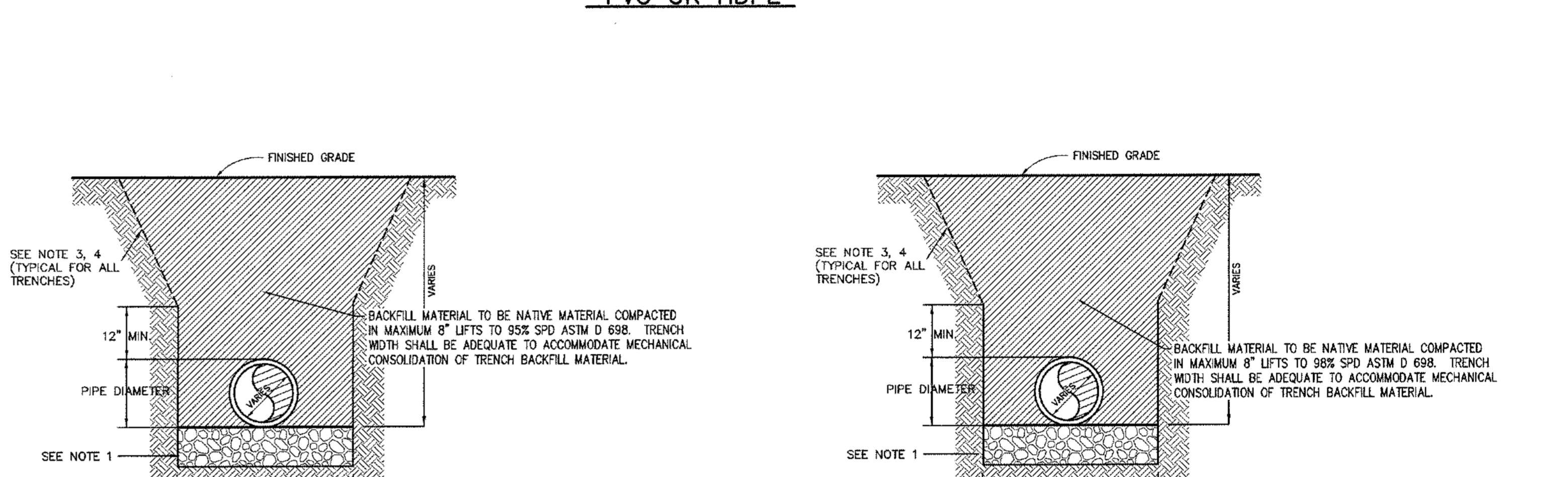
**ELECTRICAL / TELECOMMUNICATION / IRRIGATION TRENCH DETAILS**



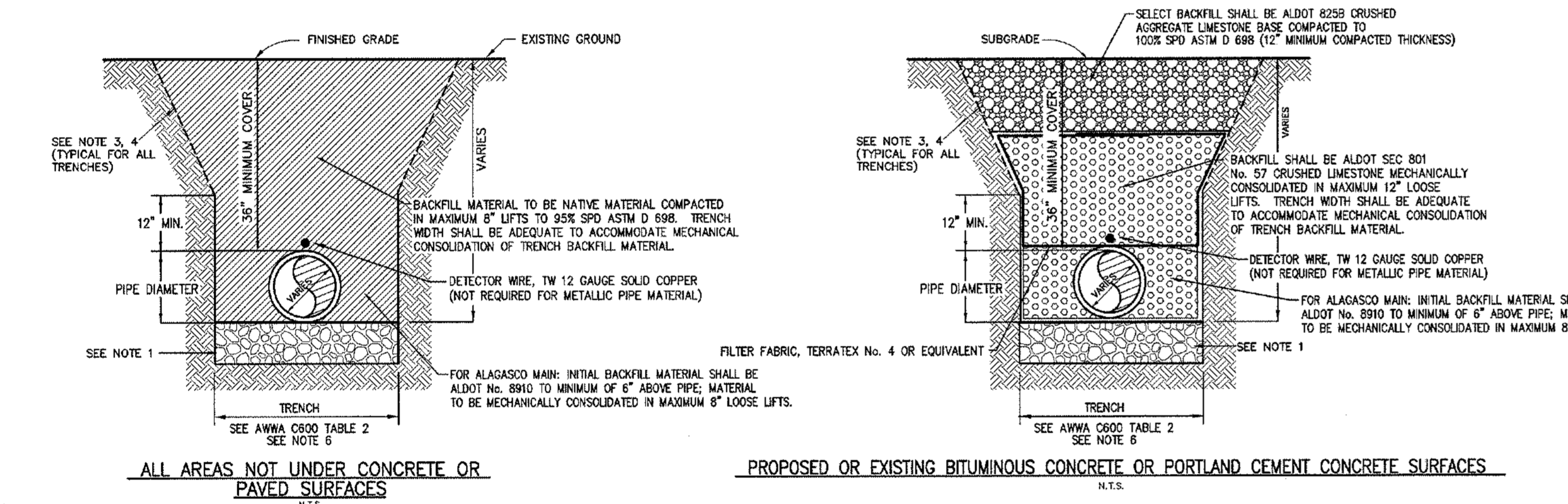
**STORM SEWER TRENCH DETAILS: PVC OR HDPE**



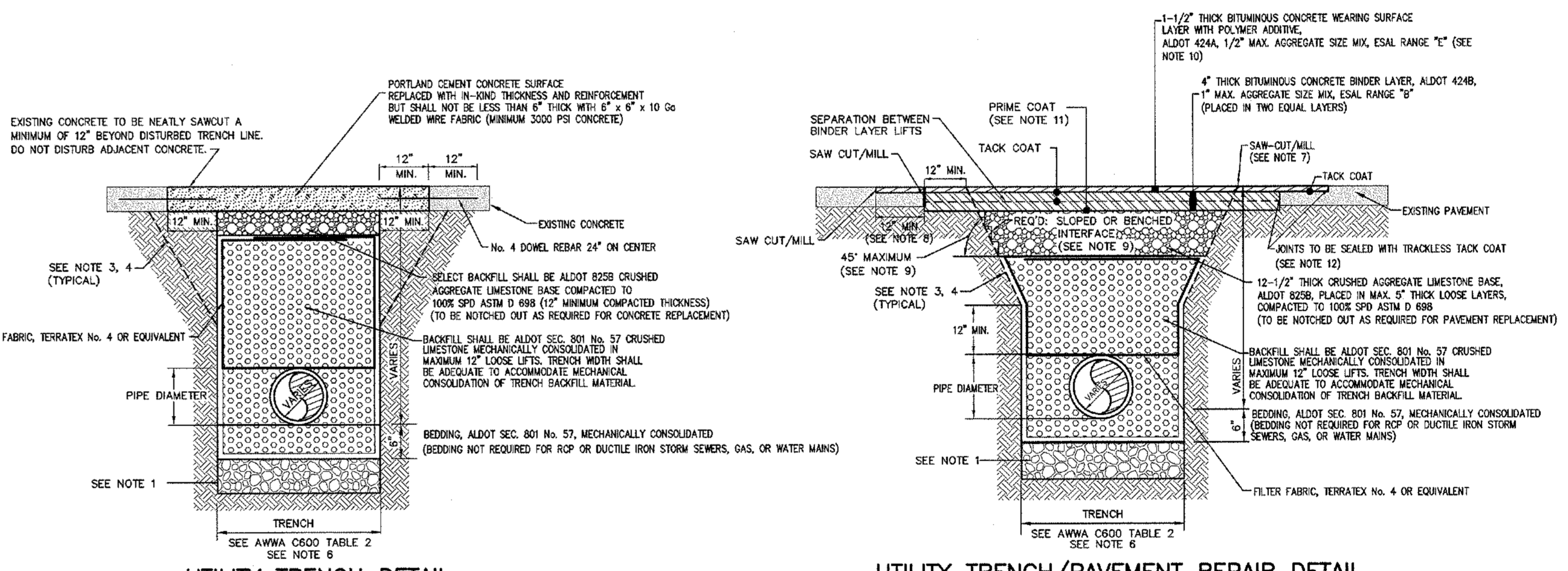
**WATER MAIN TRENCH DETAILS: PVC OR DUCTILE IRON**



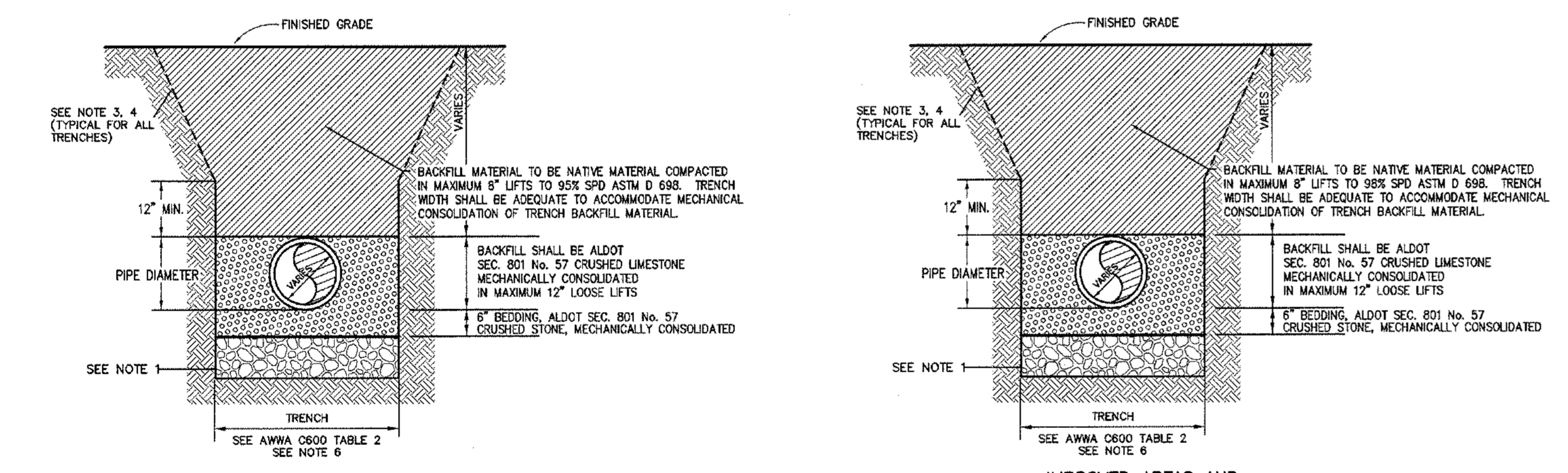
**STORM SEWER TRENCH DETAILS: RCP OR DUCTILE IRON**



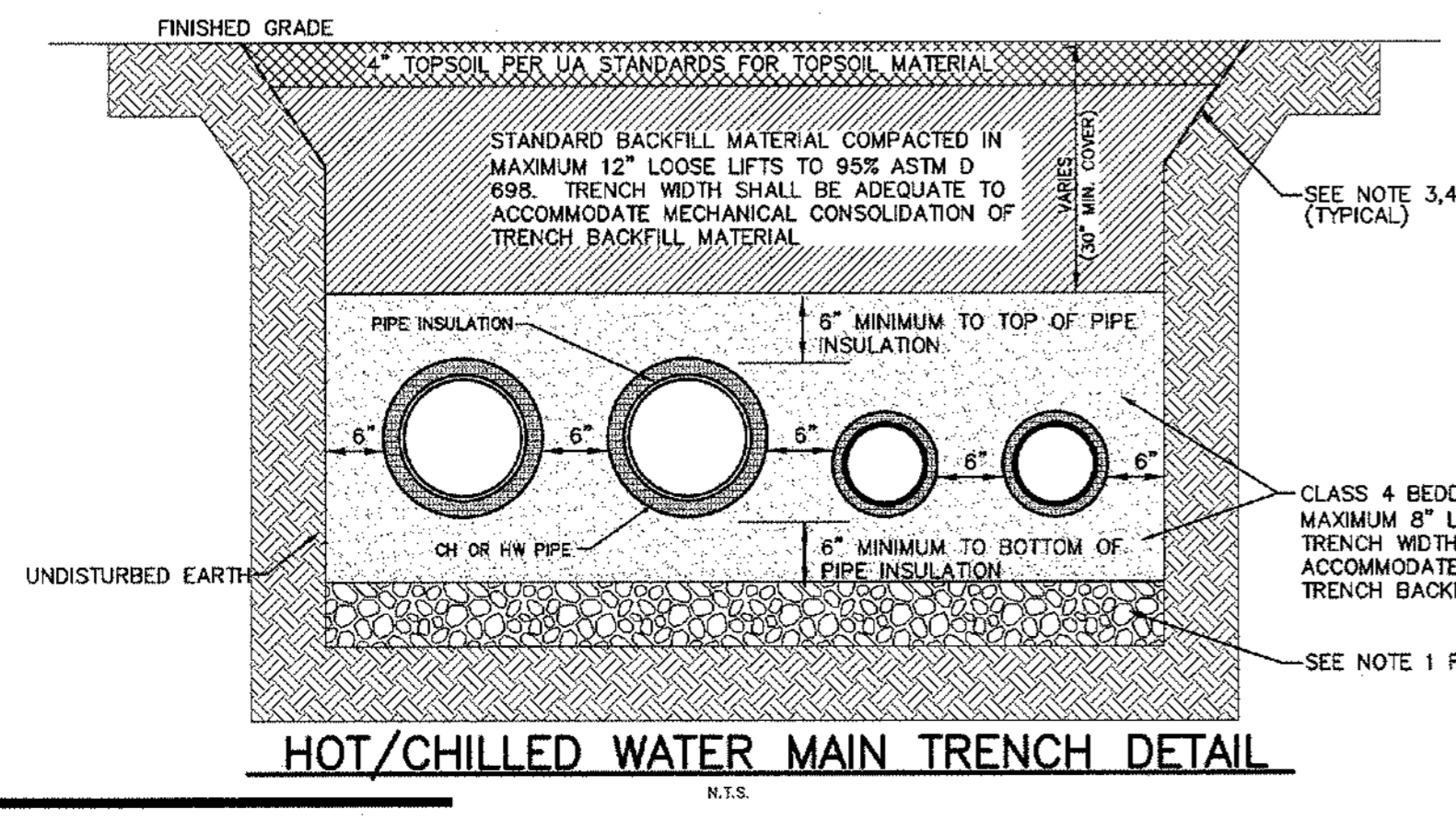
**NATURAL GAS MAIN TRENCH DETAILS**



**UTILITY TRENCH DETAIL**  
**UTILITY TRENCH/PAVEMENT REPAIR DETAIL**



**SANITARY SEWER TRENCH DETAILS: PVC OR DUCTILE IRON**

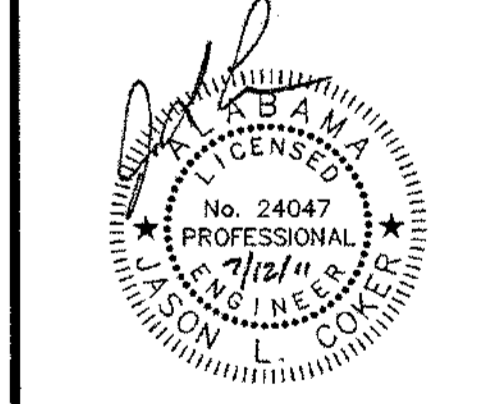


**HOT/CHILLED WATER MAIN TRENCH DETAIL**

**NOTES:**

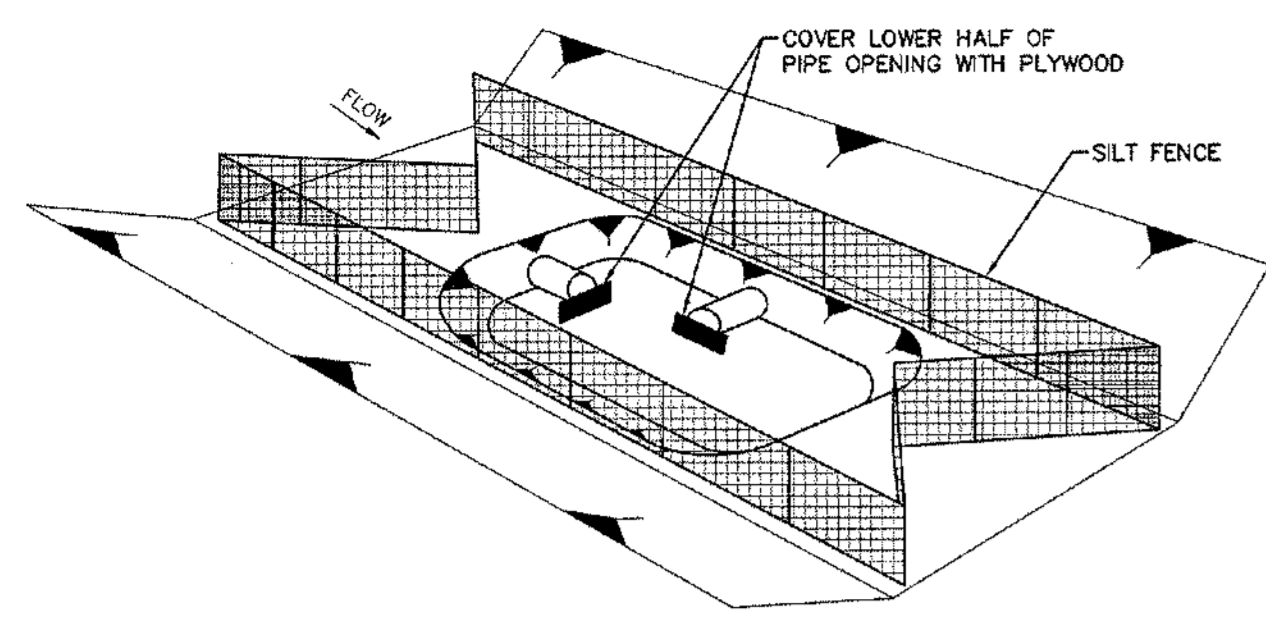
- TRENCH FOUNDATION REQUIRED ONLY WHEN EXISTING SOIL CONDITIONS ARE INADEQUATE FOR PROPER PIPE SUPPORT AS DETERMINED BY OWNER'S REPRESENTATIVE.
- ALL TRENCH BACKFILL OPERATIONS SHALL BE OBSERVED BY THE OWNER'S REPRESENTATIVE ON THE PROJECT. HOWEVER, THE PRESENCE OF THE OWNER'S REPRESENTATIVE SHALL NOT RELIEVE THE CONTRACTOR OF ANY REQUIREMENTS OR OBLIGATIONS ASSOCIATED WITH ALL UTILITY TRENCHES.
- ALL SLOPES SHALL CONFORM TO OSHA REQUIREMENTS. ADDITIONAL PROTECTIVE MEASURES MAY BE REQUIRED ABOVE AND BEYOND OSHA DEPENDING ON SPECIFIC TRENCH CONDITIONS. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SAFETY OF WORKERS, THE GENERAL PUBLIC, AND OTHERS INVOLVED IN THE PROJECT AND SHALL PROVIDE SHEETING, BRACING, OR WHATEVER ACTION NECESSARY TO INSURE THE SAFETY OF PEOPLE, PROPERTY, AND STRUCTURES.
- THE LINES AND TRENCHES SHOWN ON THE TRENCH DETAILS ARE ONLY INTENDED TO DEFINE THE BACKFILL REQUIREMENTS AND THE MINIMUM DIMENSIONS FOR THE TRENCH. IT IS THE CONTRACTOR'S RESPONSIBILITY TO "LAY BACK" THE TRENCH WALLS TO WHATEVER FLATNESS OF SLOPE IS NECESSARY TO PROVIDE SAFE WORKING CONDITIONS FOR THE PLACEMENT OF THE PIPE AND BEDDING.
- ALL UTILITY TRENCH BACKFILL SHALL BE COMPACTED TO A MINIMUM OF 95% SPD ASTM D 698 UNLESS OTHERWISE NOTED BY ABOVE DETAILS.

AWWA C600 TABLE 2			
NOMINAL PIPE SIZE—INCHES	TRENCH WIDTH—INCHES	NOMINAL PIPE SIZE—INCHES	TRENCH WIDTH—INCHES
3 AND 4	28	16	40
6	30	18	42
8	32	20	44
10	34	24	48
12	36	30	54
14	38	36	60

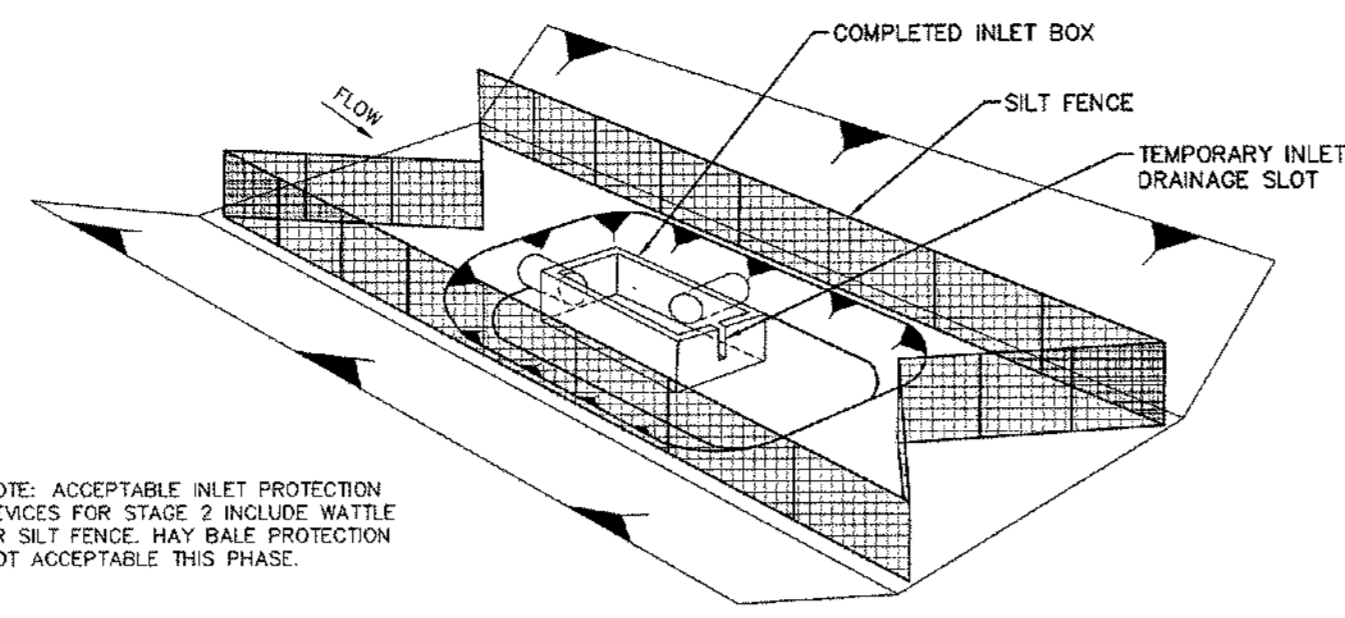


Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

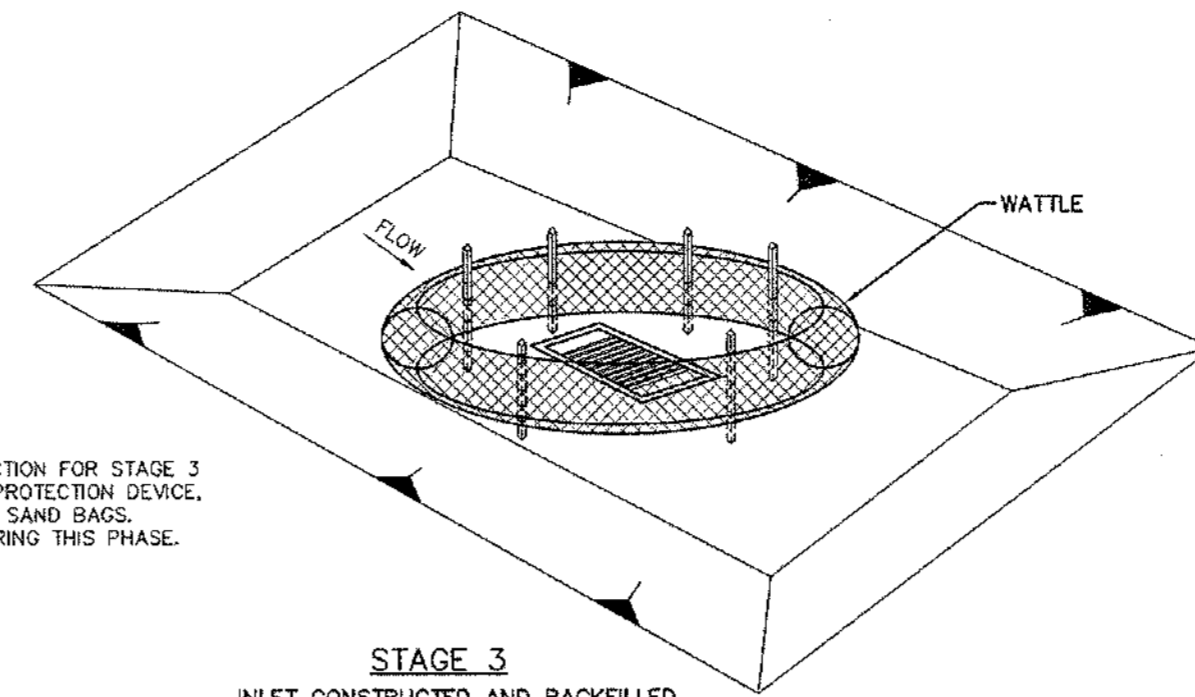
JOB No. <b>11006</b>	DATE: <b>7-12-2011</b>	Rev Date:
DRAWN BY: <b>S W T</b>	SITE STANDARD DETAILS	
SHEET NUMBER <b>C6.00</b>		



STAGE 1  
INLET BOX LOCATION EXCAVATED



STAGE 2  
INLET BOX CONSTRUCTED BUT NOT BACKFILLED



STAGE 3  
INLET CONSTRUCTED AND BACKFILLED  
AND FINAL GRADING OPERATIONS COMPLETED

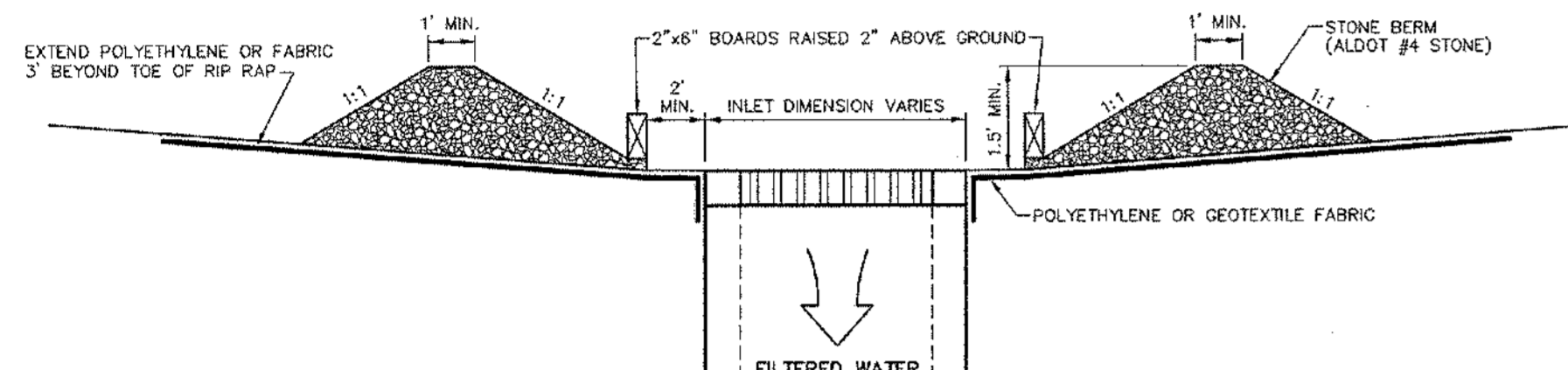
NOTE: ACCEPTABLE INLET PROTECTION DEVICES FOR STAGE 2 INCLUDE WATTLE OR SILT FENCE. HAY BALE PROTECTION NOT ACCEPTABLE THIS PHASE.

NOTE: ACCEPTABLE INLET PROTECTION FOR STAGE 3 INCLUDES MANUFACTURED INLET PROTECTION DEVICE, COARSE AGGREGATE, WATTLE, OR SAND BAGS. HAY BALES NOT ACCEPTABLE DURING THIS PHASE.

DITCH INLET CONSTRUCTION STAGES

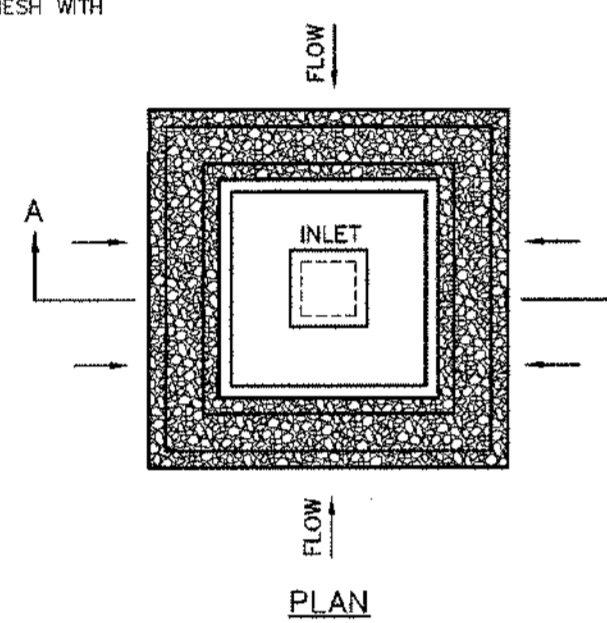
DITCH INLET CONSTRUCTION STAGES NOTES:

1. INLET CONSTRUCTION SHOULD COMMENCE AS SOON AS POSSIBLE AND BE CONTINUOUS THROUGH COMPLETION.
2. CONFIGURATIONS MAY BE ADJUSTED BECAUSE OF WATER FLOW, SOIL OR INSTALLATION CHALLENGES WITH APPROVAL OF THE OWNER'S REPRESENTATIVE.
3. DURING STAGE 1 AND STAGE 2, SILT FENCE MAY BE REQUIRED UPSLOPE OF THE INLET EXCAVATION AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
4. IF SILT FENCING IS INSTALLED AROUND THE INLET EXCAVATION, IT SHOULD BE PLACED IN A CONFIGURATION THAT WILL ALLOW INLET CONSTRUCTION.



SECTION A-A

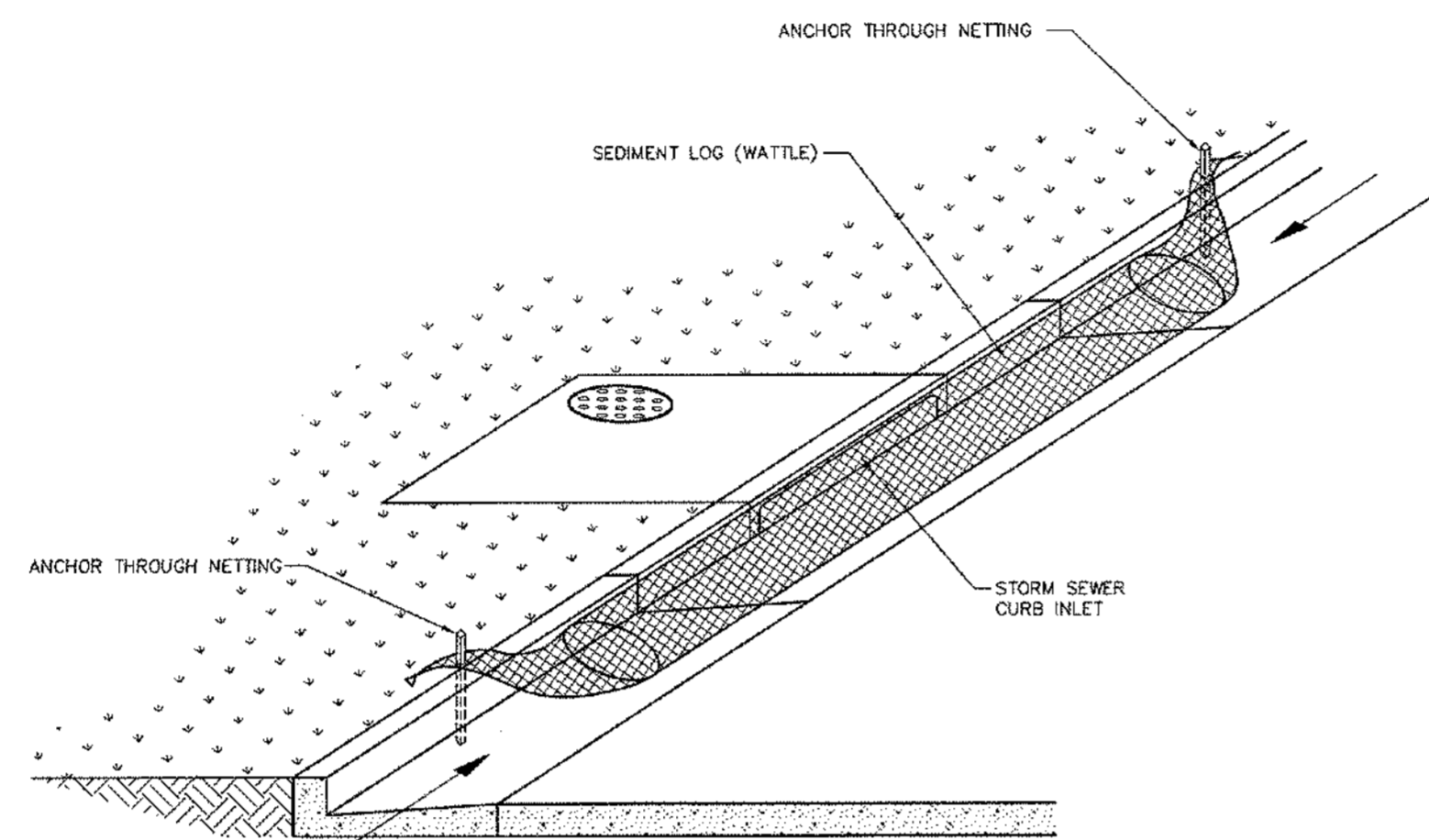
- NOTES:
1. THE ELEVATION OF THE TOP OF THE REQUIRED STONE BERM SHALL BE A MINIMUM OF 1'-0" ABOVE THE ELEVATION OF THE INLET WORKING POINT.
  2. THIS COURSE AGGREGATE INLET PROTECTION SHALL NOT BE UTILIZED DURING STAGE 1 AND STAGE 2 INLET CONSTRUCTION.
  3. THE 2"x8" BOARDS MAY BE REPLACED WITH WIRE MESH WITH OPENINGS LESS THAN 1"x1".



PLAN

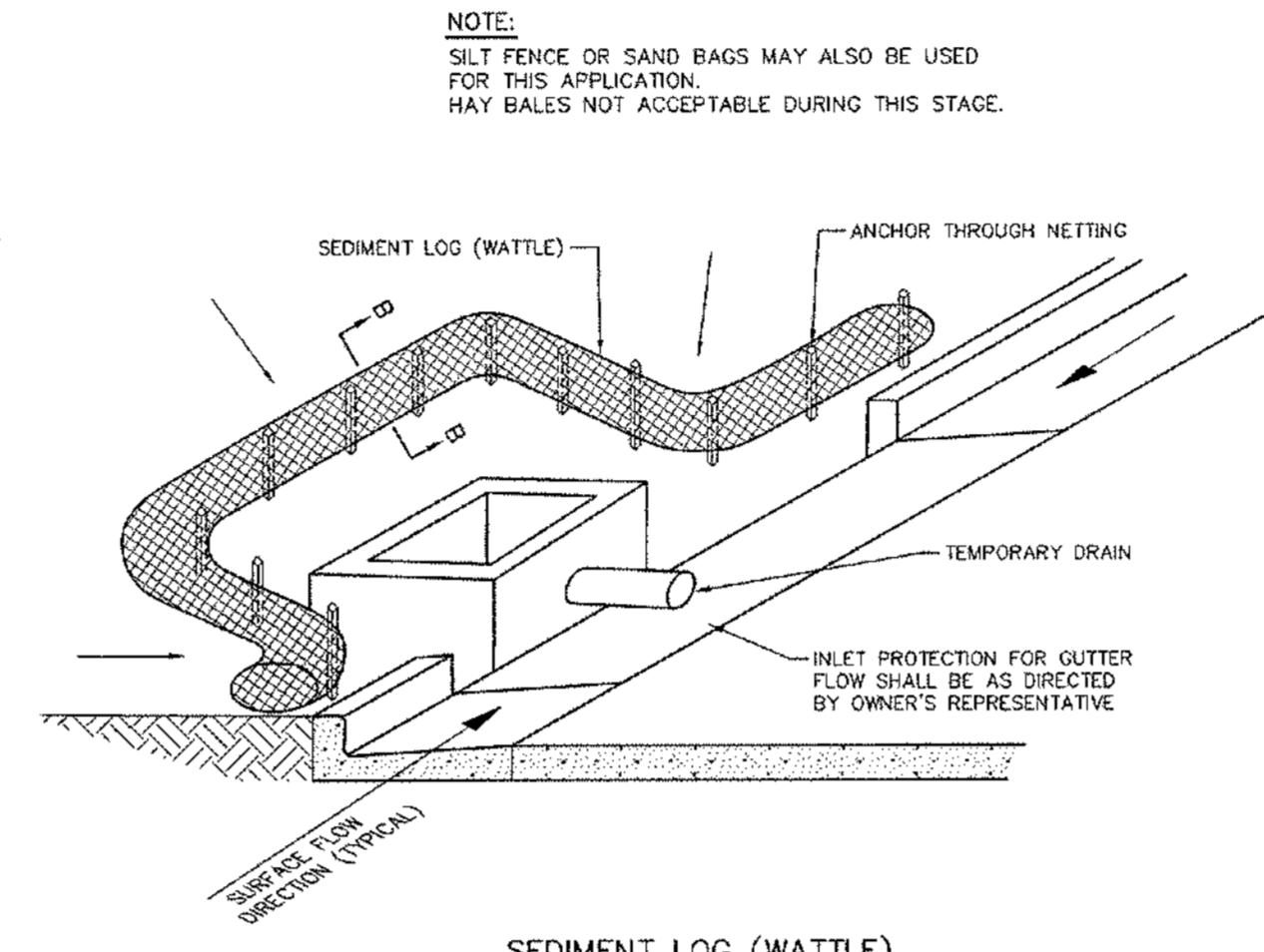
COARSE AGGREGATE INLET PROTECTION DETAILS

N.T.S.



SEDIMENT LOG (WATTLE)  
CURB INLET PROTECTION

N.T.S.

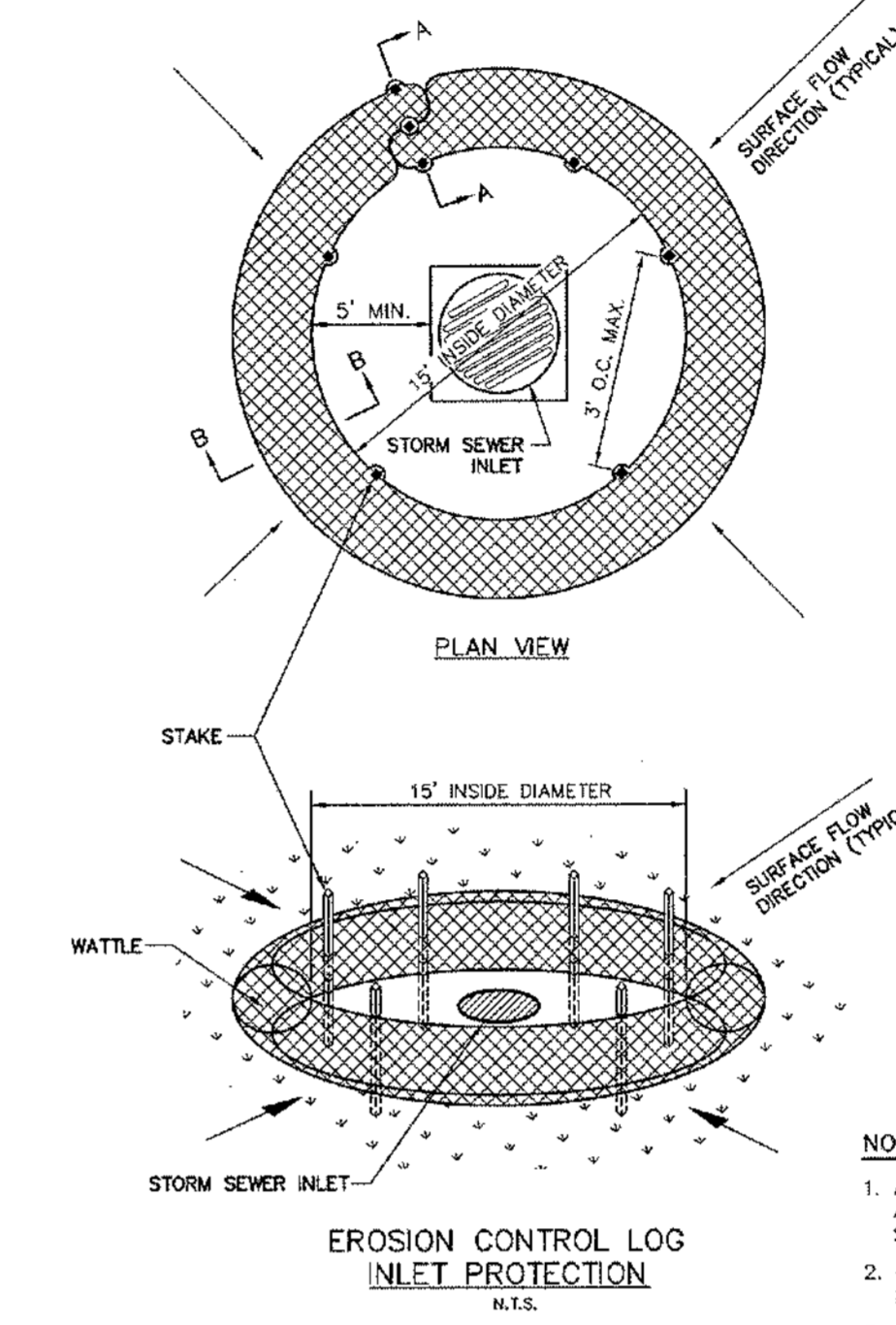


SEDIMENT LOG (WATTLE)  
CURB INLET PROTECTION (STAGE 2)

N.T.S.

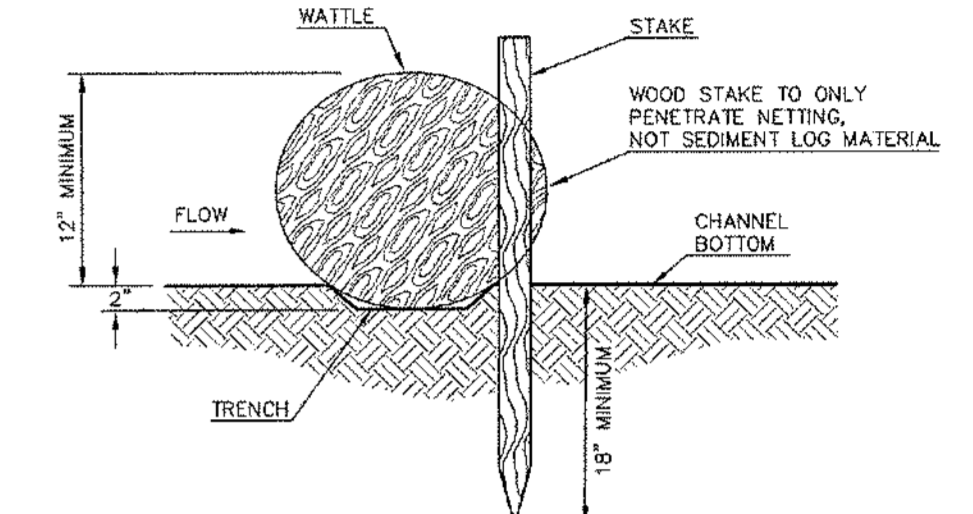
WATTLE INLET PROTECTION DETAILS

N.T.S.



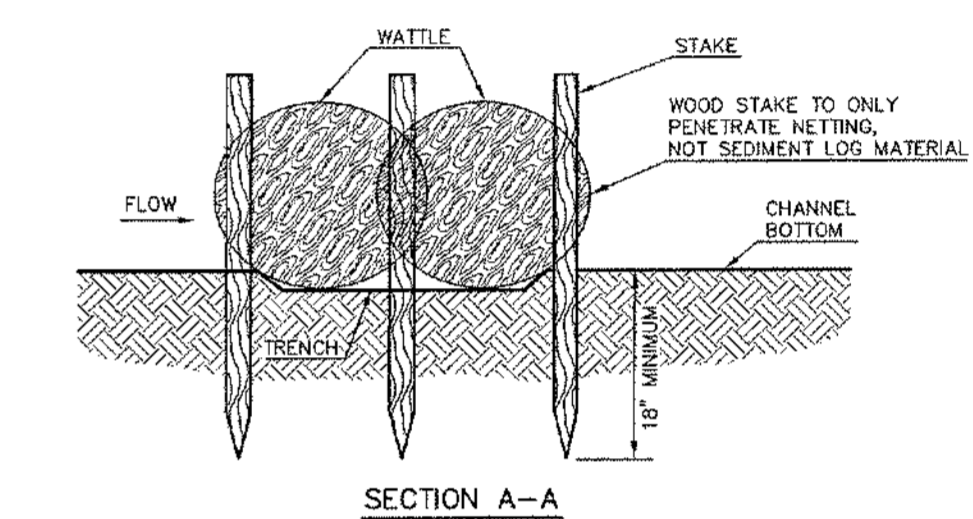
EROSION CONTROL LOG  
INLET PROTECTION

N.T.S.



SEDIMENT LOG (WATTLE) INSTALLATION DETAIL (SECTION B-B)

N.T.S.

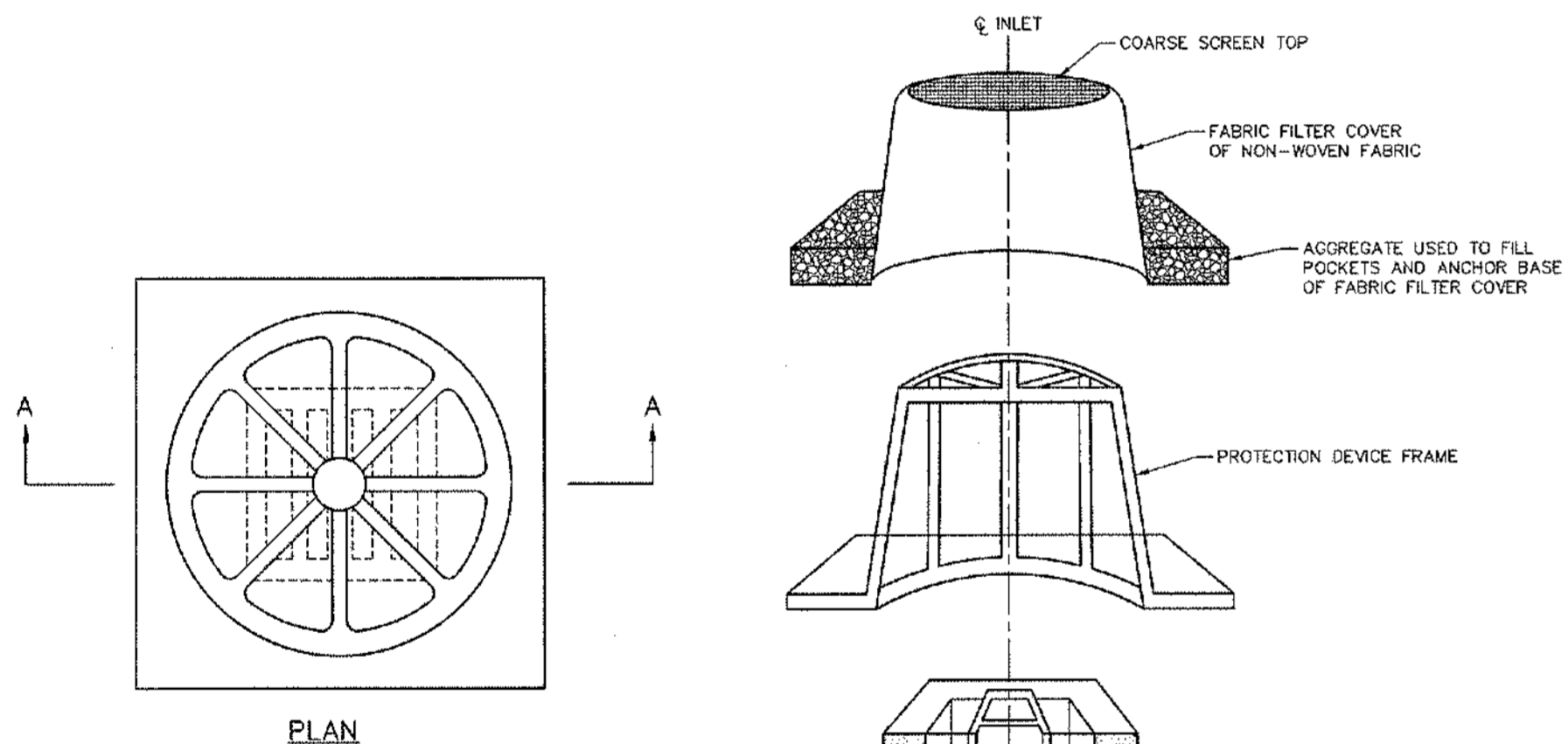


SECTION A-A

N.T.S.

NOTES:

1. ANCHORING STAKES SHALL BE SIZED, SPACED, AND BE A MATERIAL THAT EFFECTIVELY SECURES THE WATTLE. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET.
2. OVERLAP ENDS OF WATTLES PER MANUFACTURER'S RECOMMENDATIONS (1" MIN., 3" MAX.).
3. TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.

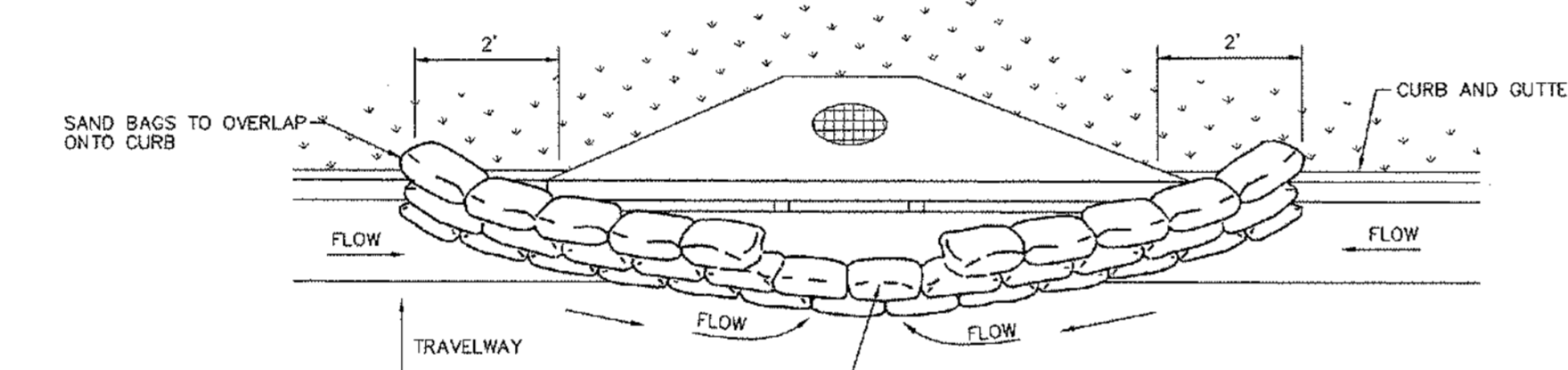


SECTION A-A

- NOTES:
1. FRAMES WITH EITHER SQUARE OR CIRCULAR BASES MAY BE USED. SELECTED FRAME BASE SHOULD PROVIDE BEST SEAL AROUND INLET AS DIRECTED BY OWNER'S REPRESENTATIVE.
  2. FILL POCKETS AROUND BASE OF FILTER COVER WITH #57 STONE OR SOIL. STONE IS REQUIRED WHEN ANCHORING THE MANUFACTURED INLET PROTECTION DEVICE OVER PAVED DITCH OR FLUME.
  3. USE ONLY DURING STAGE 3 INLET CONSTRUCTION.

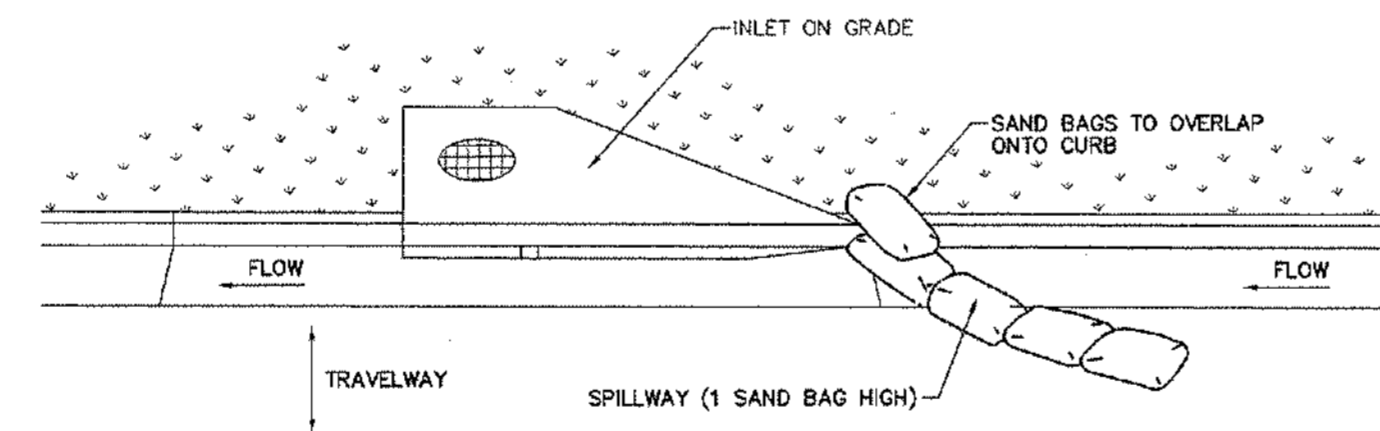
MANUFACTURED DEVICE INLET PROTECTION DETAILS

N.T.S.



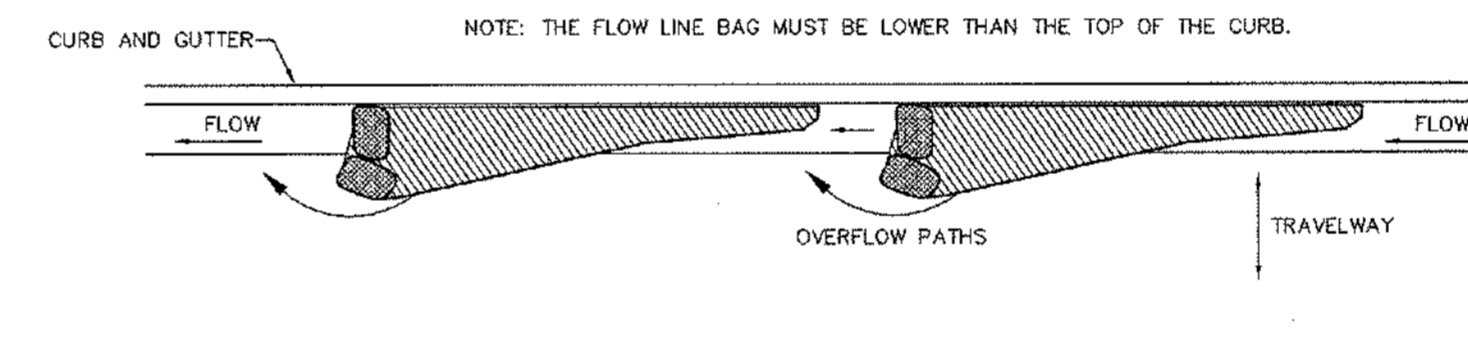
TYPICAL (SAND BAG) PROTECTION FOR INLET IN SAG

N.T.S.



TYPICAL (SAND BAG) PROTECTION FOR INLET ON GRADE

N.T.S.



CURB AND GUTTER SEDIMENT CONTAINMENT SYSTEM

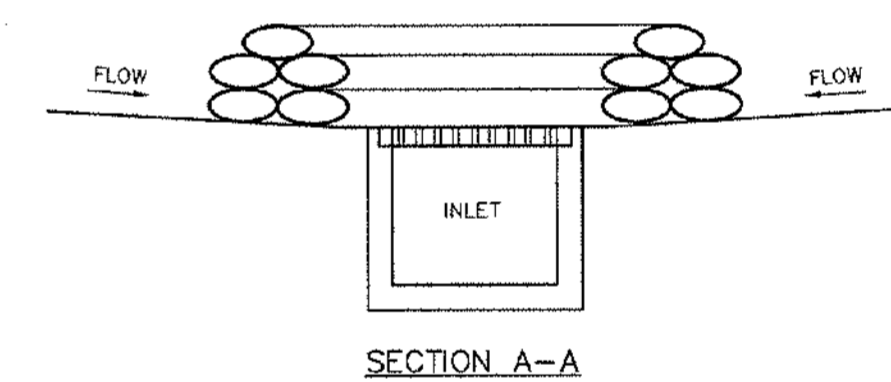
N.T.S.

CURB INLET PROTECTION NOTES:

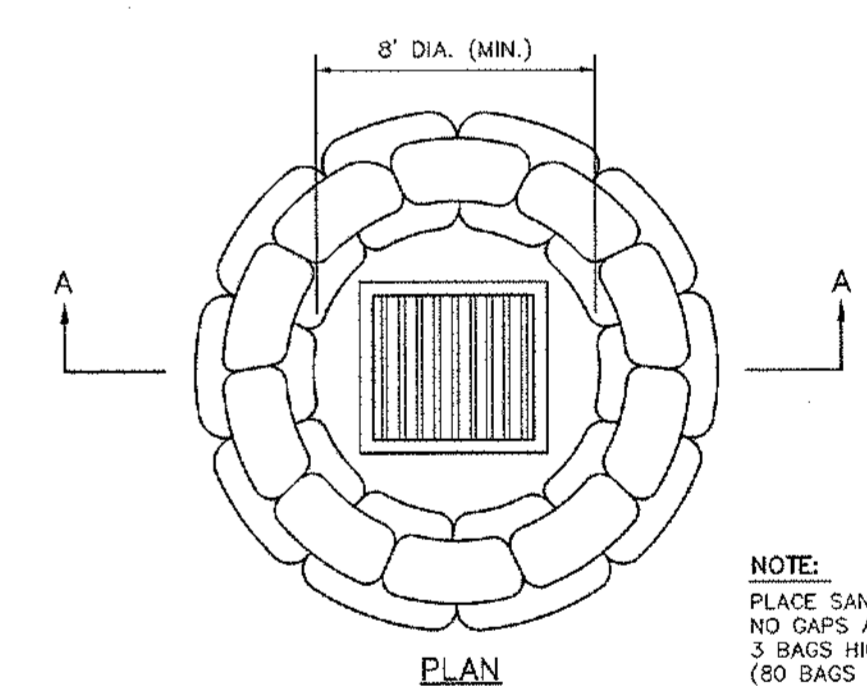
1. THIS CURB INLET PROTECTION METHOD CAN BE USED DURING ANY STAGE OF BASE AND PAVEMENT CONSTRUCTION OR FOR EXISTING CURB INLETS.
2. BAG HEIGHT AND NUMBER OF BAGS SHOULD BE BASED ON CURB HEIGHT AND USE OF TRAVELWAY OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
3. SEDIMENT SHOULD BE CONTROLLED PRIOR TO ENTERING GUTTER. GUTTER CHECKS AND INLET PROTECTION ARE FOR SECONDARY CONTROL.
4. REMOVE ACCUMULATED SEDIMENT AFTER EVERY RAINFALL. SWEEP SEDIMENT FROM HARD SURFACES AND DISPOSE OF APPROPRIATELY AWAY FROM INLETS AND/OR WATER BODIES.
5. IF DENUDEED AREAS EXIST BEHIND THE INLET, A SEDIMENT BARRIER SHOULD BE INSTALLED AROUND IT'S PERIMETER TO CONTROL SEDIMENT.

SAND BAG INLET PROTECTION DETAILS

N.T.S.



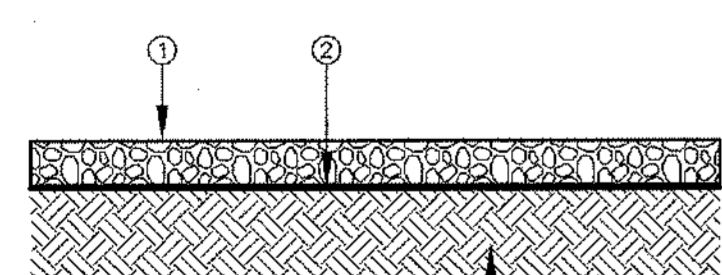
SECTION A-A



SAND BAG BARRIER

N.T.S.

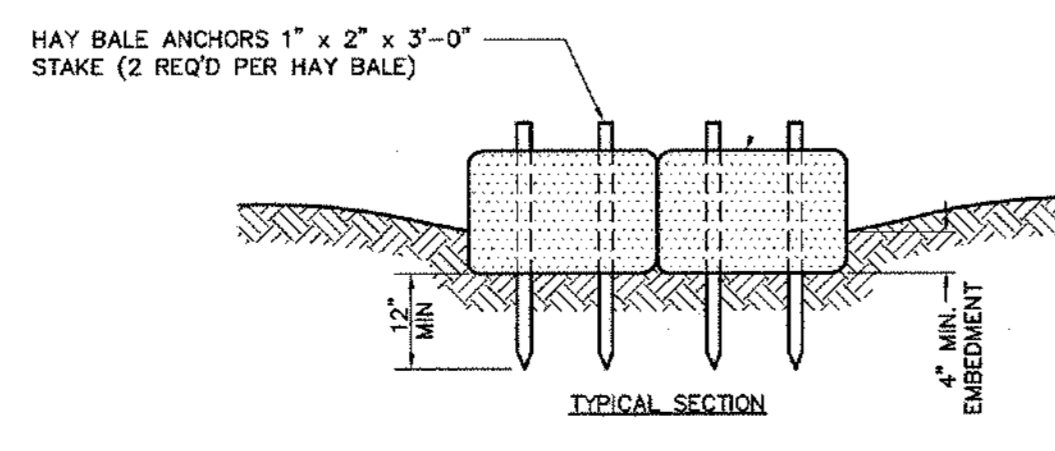
- NOTE: PLACE SAND BAGS SO THAT NO GAPS ARE EVIDENT. 3 BAGS HIGH AND STAGGERED. (80 BAGS MIN.)



CONSTRUCTION EXIT PAD DETAIL

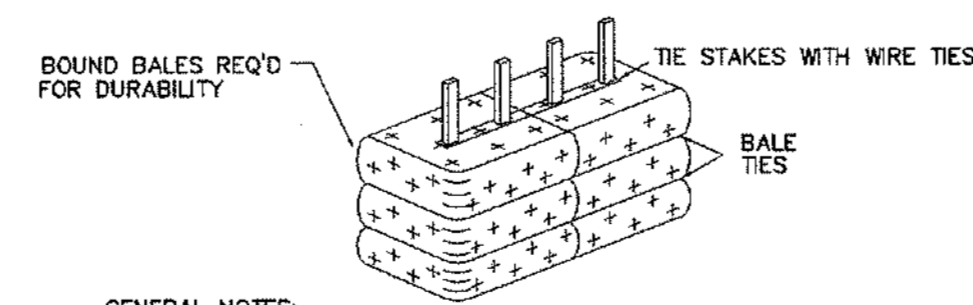
N.T.S.

1. REQ'D: COURSE AGGREGATE ALDOT SECTION 801 No. 1 STONE (0" MINIMUM THICKNESS, 50' MINIMUM LENGTH)
2. OPT'N: GEOTEXTILE FOR USE IN SOFT SOIL (BLOW COUNT LESS THAN 10) (CLASS IV NON-WOVEN GEOTEXTILE SEE AEM HANDBOOK CEP-1)
3. REQ'D: COMPACTED SUBGRADE



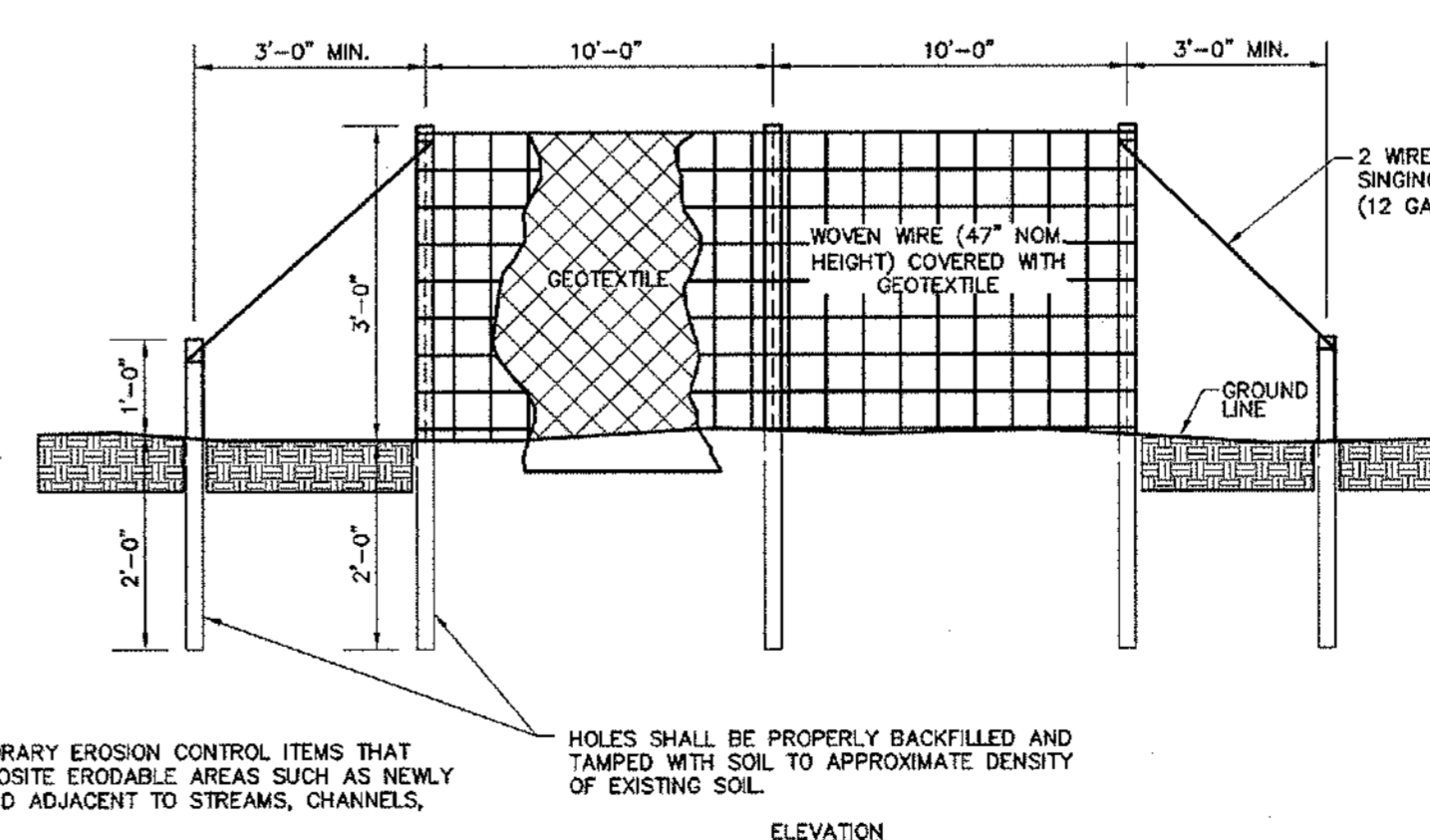
TYPICAL HAY BALE INSTALLATION DETAIL

N.T.S.



ANCHORING BALES

- GENERAL NOTES:
1. HAY BALE CHECK DAMS ARE TEMPORARY EROSION CONTROL ITEMS THAT SHALL BE INSTALLED ACROSS DRAINAGE WAYS NEAR NEWLY GRADED AREAS.
  2. HAY BALE CHECK DAMS SHALL BE INSPECTED REGULARLY FOR DAMAGE AND REPLACED OR RESET AS NEEDED.
  3. AFTER DISTURBED AREAS ARE STABILIZED AND EROSION ACTIVITY CURTAILED, HAY BALE CHECK DAMS MAY BE REMOVED.



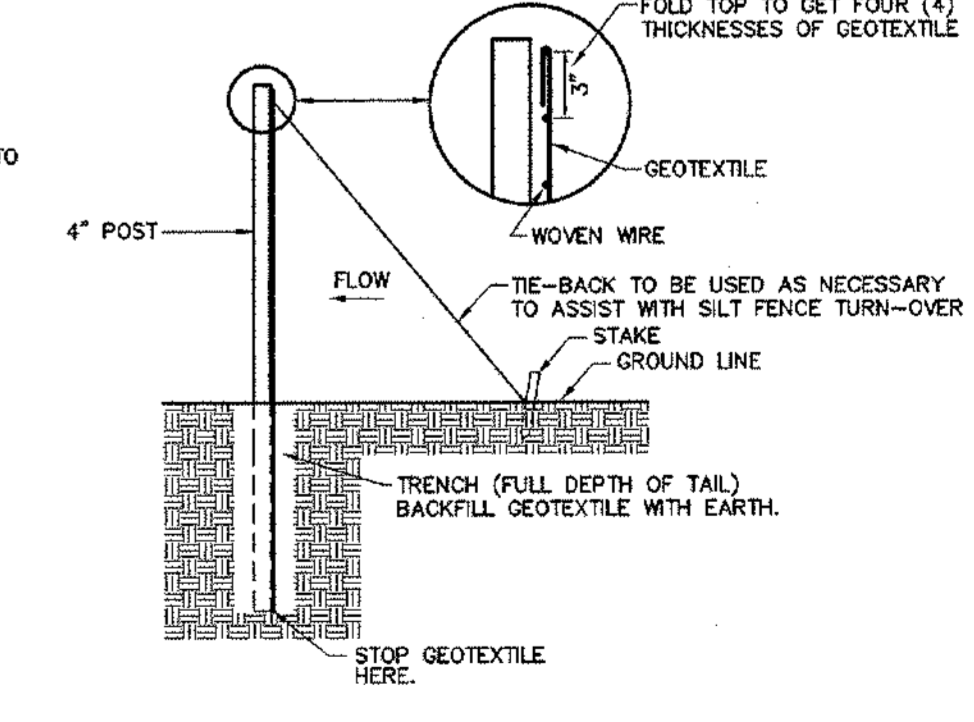
TYPE "A" SILT FENCE DETAIL

N.T.S.

GENERAL NOTES:

1. SILT FENCES ARE TEMPORARY EROSION CONTROL ITEMS THAT SHALL BE ORIENTED OPPOSITE EROSIONABLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STREAMS, CHANNELS, STREETS, CURBS, ETC.
2. SILT FENCE SHOULD BE PLACED WELL INSIDE CLEARING LIMITS. THIS WILL ALLOW ROOM FOR A BACK-UP FENCE IF FIRST BECOMES FULL. SILT FENCES SHALL BE IN PLACE PRIOR TO ANY CONSTRUCTION OPERATION.
3. WHEREVER POSSIBLE, SILT FENCES SHALL BE CONSTRUCTED ACROSS A FLAT AREA IN THE SHAPE OF A HORSESHOE. THIS AIDS IN PONDING OF RUNOFF AND FACILITATES SEDIMENTATION.
4. AFTER THE CONSTRUCTION AREA IS STABILIZED AND EROSION

HOLES SHALL BE PROPERLY BACKFILLED AND TAMPED WITH SOIL TO APPROXIMATE DENSITY OF EXISTING SOIL.



SECTION

FOLD TOP TO GET FOUR (4) THICKNESS OF GEOTEXTILE

4" POST

GEOTEXTILE

TIE-BACK TO BE USED AS NECESSARY TO ASSIST WITH SILT FENCE TURN-OVER

GROUND LINE

TRENCH (FULL DEPTH OF TAIL) BACKFILL GEOTEXTILE WITH EARTH

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

STOP GEOTEXTILE HERE

FLOW

STAKE

GROUND LINE

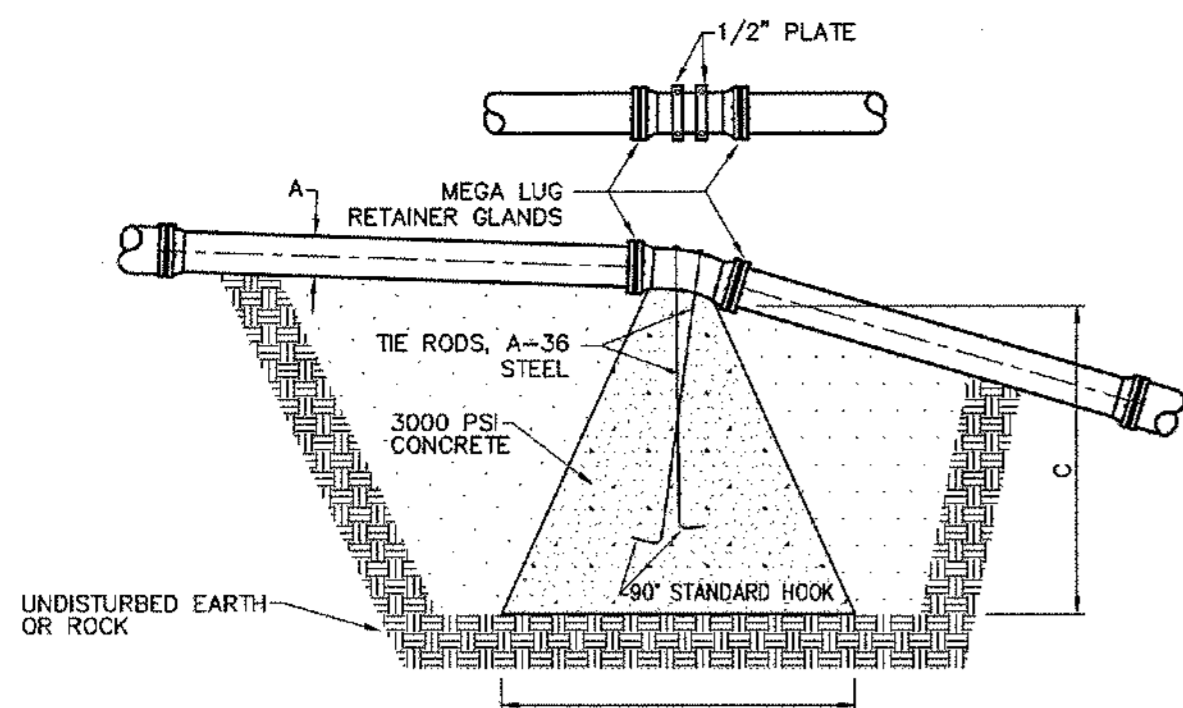
STOP GEOTEXTILE HERE

FLOW

STAKE

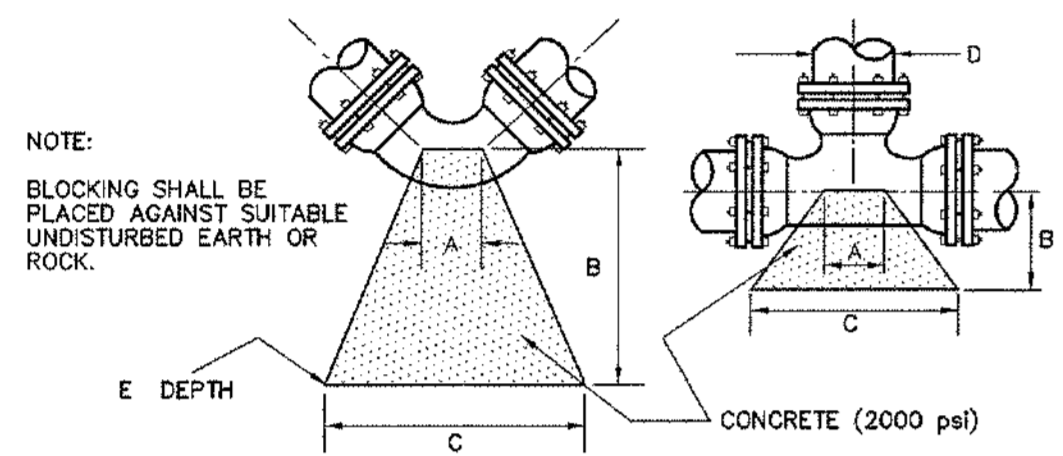
GROUND LINE

STOP GEOTEXTILE HERE



PIPE DIAMETER A	C.Y. REQ'D 45° BEND	BASE B	HEIGHT C	ANCHOR SIZE	ANCHOR EMBEDMENT
6"	2.7	8" x 8"	4'-0"	3"	2'-0"
8"	4.0	9" x 9"	4'-6"	3"	2'-0"
10"	6.0	10" x 10"	5'-0"	3"	2'-0"
12"	8.5	12" x 12"	6'-0"	3"	2'-0"
14"	11.5	13" x 13"	6'-6"	3"	2'-0"
16"	14.8	14" x 14"	7'-0"	3"	2'-0"
18"	15.2	14" x 14"	7'-0"	1"	3'-6"
20"	16.6	15" x 15"	7'-6"	1"	3'-6"
24"	22.2	15" x 15"	8'-0"	1 1/2"	5'-0"
30"	34.2	18" x 18"	9'-0"	1 1/2"	5'-0"
36"	49.0	20" x 20"	10'-0"	1 1/2"	6'-0"

GRAVITY THRUST BLOCK  
N.T.S.

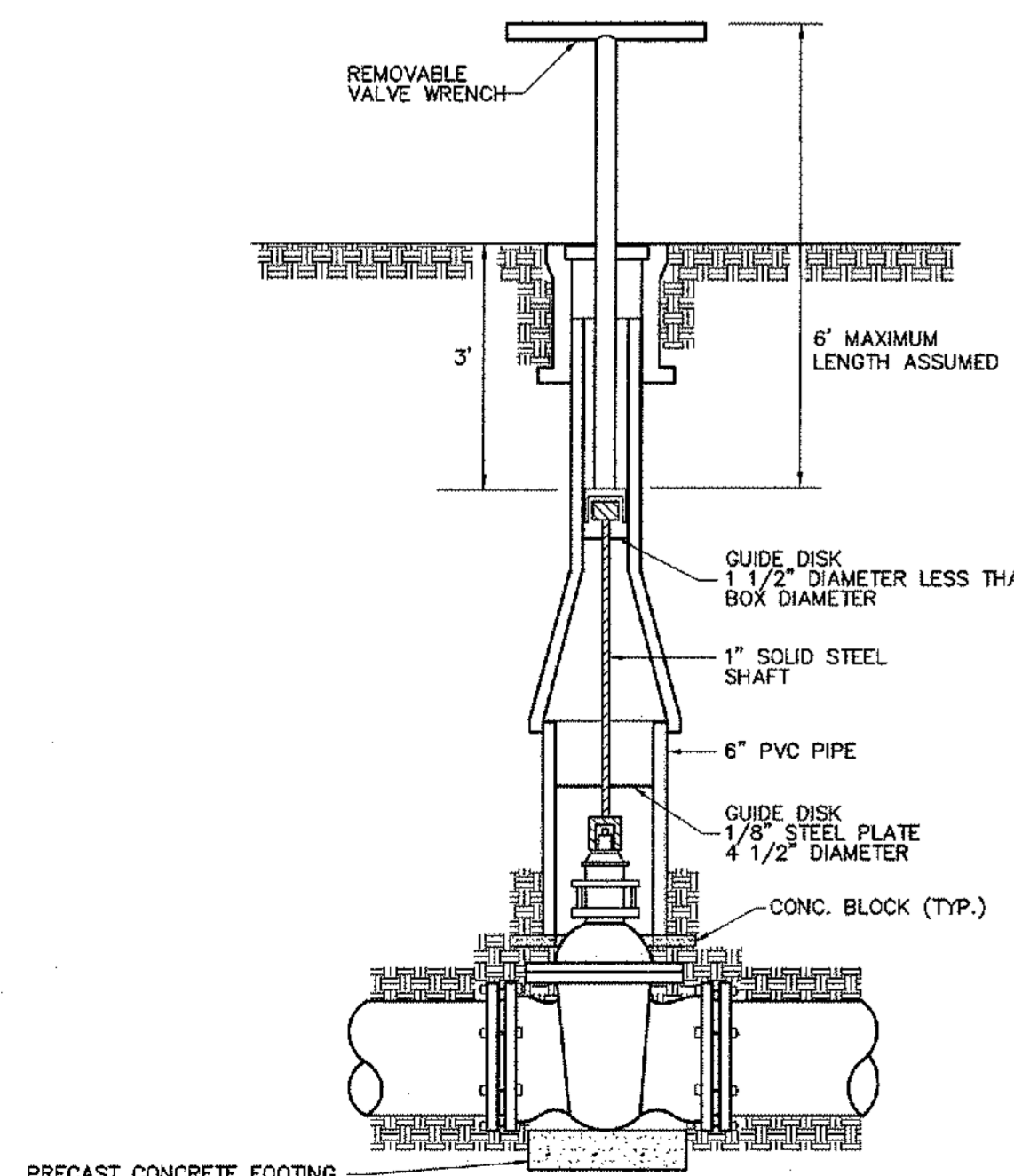


PIPE SIZE D	BLOCK DIMENSION				FITTING TYPE
	A	B	C	E	
6"	10"	2'-0"	2'-6"	2'-6"	90°, 45°, 22 1/2°, 11 1/4° BENDS
6"	10"	2'-0"	2'-6"	2'-0"	DEAD ENDS, TEES
8"	10"	2'-0"	3'-0"	2'-6"	90°, 45°, 22 1/2°, 11 1/4° BENDS
8"	10"	2'-0"	3'-0"	3'-0"	DEAD ENDS, TEES
10"	1'-2"	3'-0"	3'-6"	3'-0"	90°, 45°, 22 1/2°, 11 1/4° BENDS
10"	1'-2"	3'-0"	3'-6"	2'-6"	DEAD ENDS, TEES
12"	1'-2"	3'-0"	4'-6"	3'-6"	90°, 45°, 22 1/2°, 11 1/4° BENDS
12"	1'-2"	3'-0"	4'-6"	3'-0"	DEAD ENDS, TEES
14"	1'-6"	3'-6"	5'-0"	4'-0"	90°, 45°, 22 1/2°, 11 1/4° BENDS
14"	1'-6"	3'-6"	5'-0"	3'-0"	DEAD ENDS, TEES
16"	1'-8"	3'-6"	5'-0"	5'-0"	90°, 45°, 22 1/2°, 11 1/4° BENDS
16"	1'-8"	3'-6"	5'-0"	4'-0"	DEAD ENDS, TEES

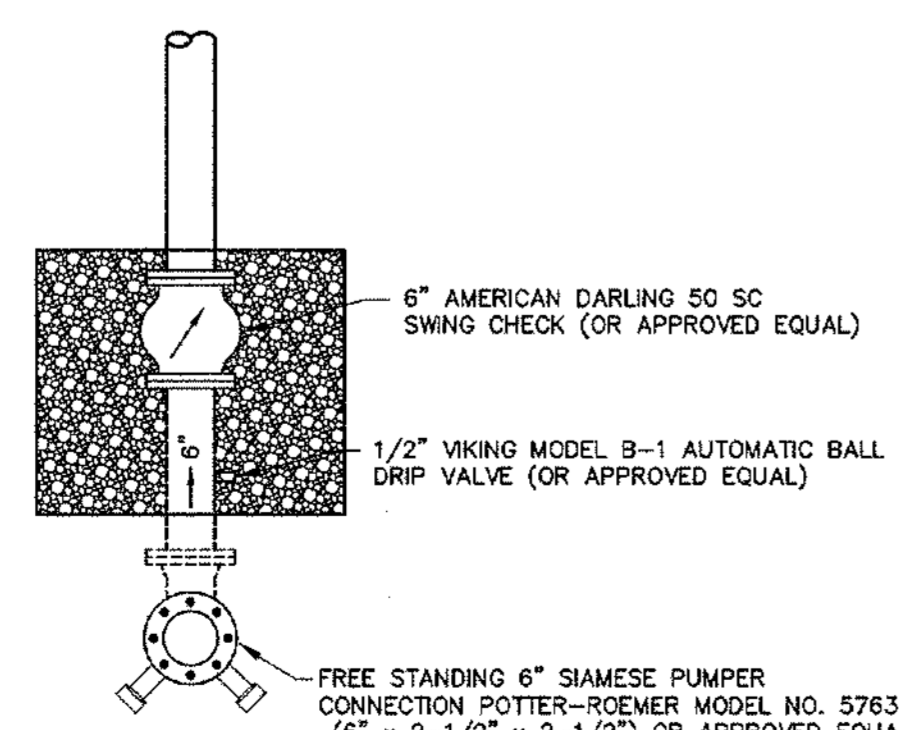
CONVENTIONAL THRUST BLOCK DETAIL  
N.T.S.

END LINE RESTRAINT  
N.T.S.

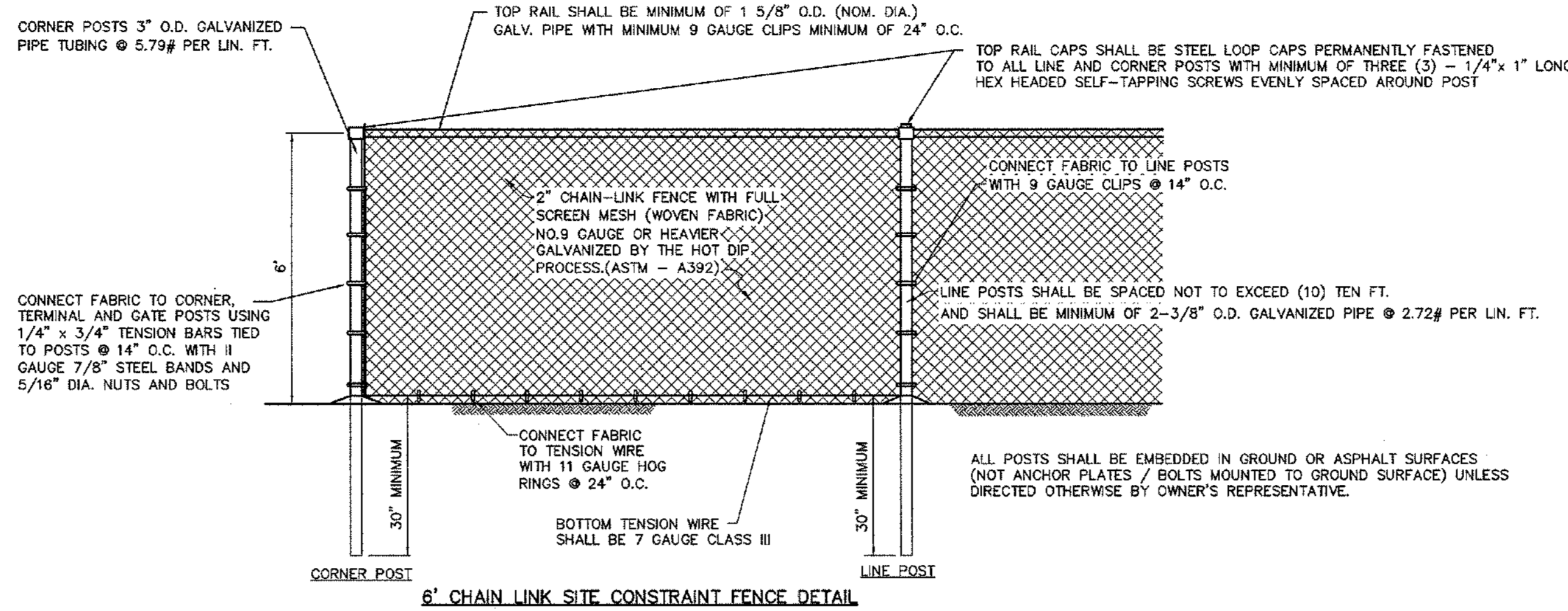
PIPE SIZE	ROD SIZE	No. OF RODS
6"	3/8"	2
8"	3/8"	2
10"	3/8"	2
12"	3/8"	4
14"	3/8"	4
16"	3/8"	6
18"	3/8"	6
20"	3/8"	8
24"	3/8"	12
30"	1"	10
36"	1"	12



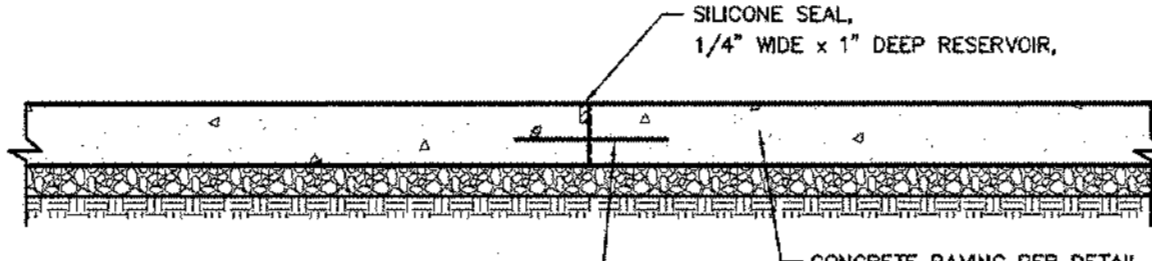
VALVE BOX & OPERATING NUT EXTENSION DETAIL  
N.T.S.



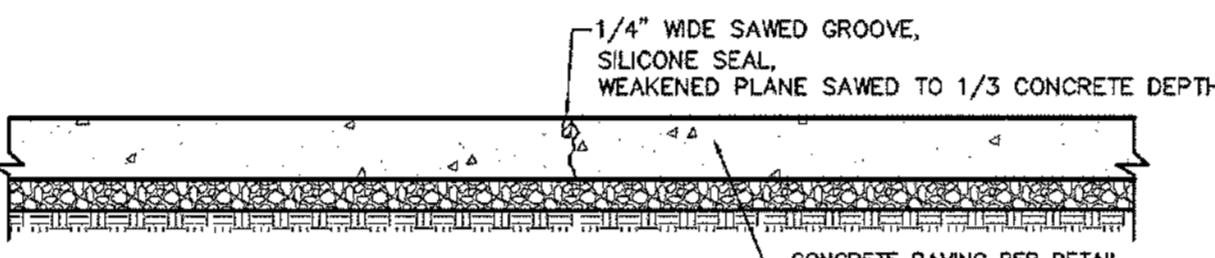
FREE STANDING POST SIAMESE FIRE CONNECTION ASSEMBLY  
N.T.S.



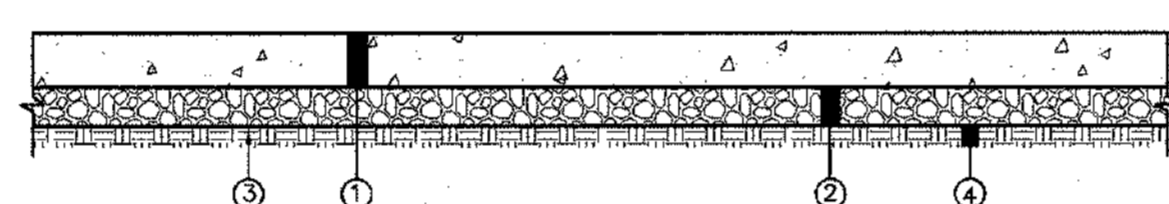
8' CHAIN LINK SITE CONSTRAINT FENCE DETAIL  
N.T.S.



CONSTRUCTION JOINT DETAIL  
N.T.S.



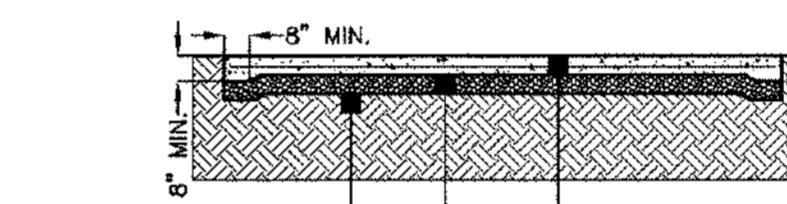
CONTRACTION JOINT DETAIL  
N.T.S.



CONCRETE PAVING DETAIL  
N.T.S.

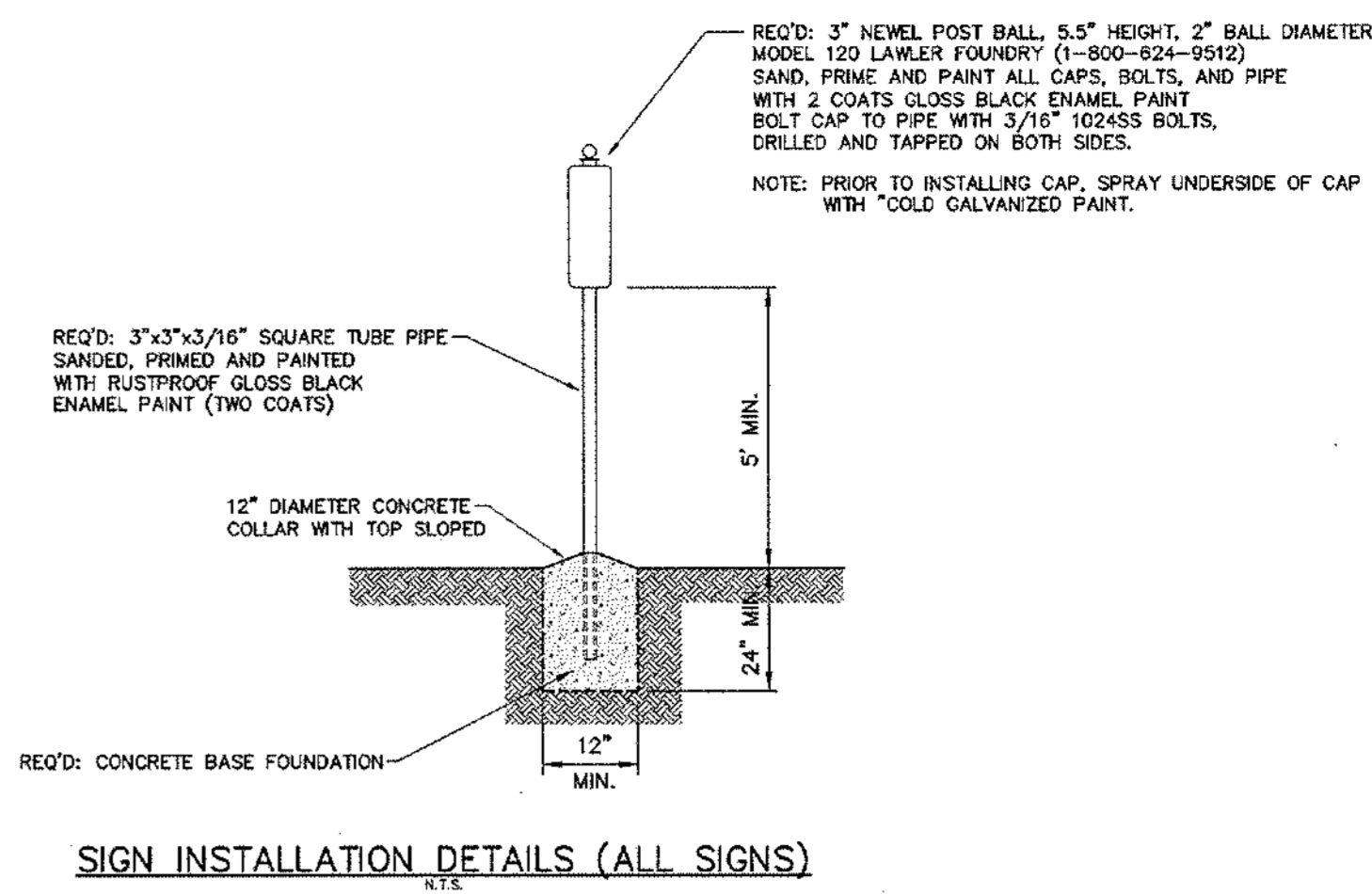
- ① REQ'D: 6" THICK CONCRETE WITH 6x6 W2.9xW2.9 WELDED WIRE FABRIC (4500 PSI COMPRESSIVE & 450 PSI FLEXURAL AT 28 DAYS)
- ② REQ'D: CRUSHED LIMESTONE BASE COURSE (ALDOT SECTION 825, TYPE B) (6" THICK, COMPACTED TO 100% SPD ASTM D 698)
- ③ REQ'D: SUBGRADE PROCESSING ALDOT SEC. 230 MIN 8" THICK COMPACTED TO 98% SPD ASTM D 698
- ④ REQ'D: SUBGRADE NATURAL OR FILL COMPACTED TO 98% SPD ASTM D 698

TYPICAL PERMANENT SIDEWALK SECTION  
N.T.S.



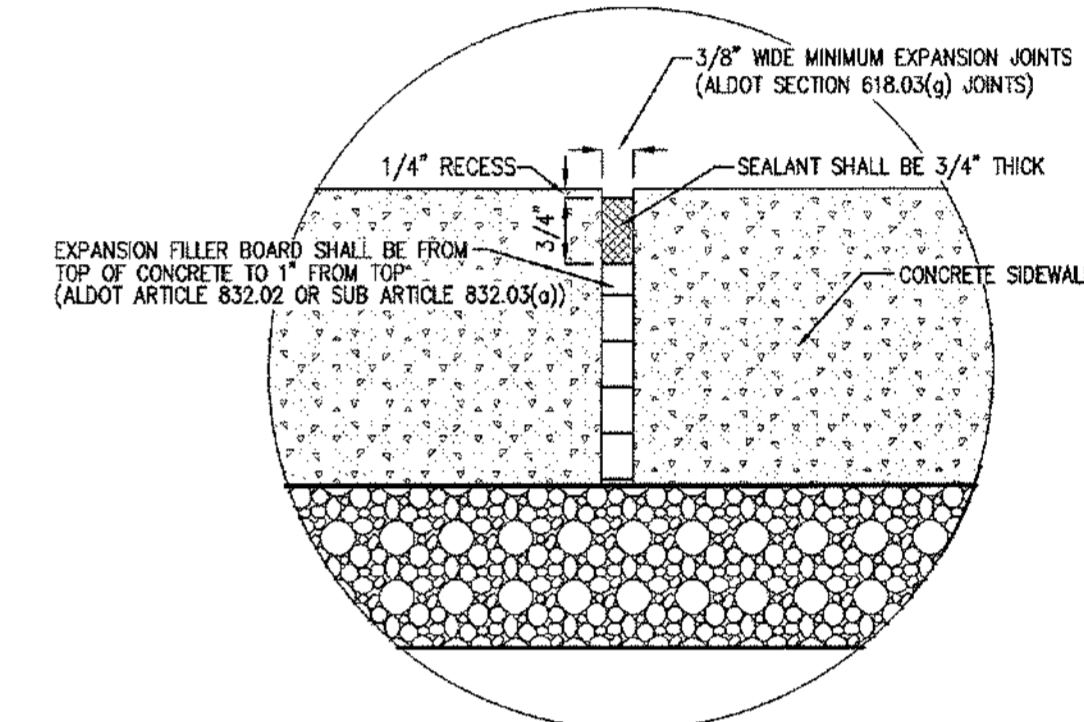
- ① REQ'D: SIDEWALK, 6" THICK, 4000 PSI CONCRETE WITH 6x6 W2.9xW2.9 WELDED WIRE FABRIC
- ② REQ'D: CRUSHED AGGREGATE LIMESTONE BASE COURSE ALDOT 825 TYPE "B", 4" COMPACTED THICKNESS, COMPACTED TO 95% SPD ASTM D 698
- ③ REQ'D: SUBGRADE NATURAL OR FILL COMPACTED TO 98% SPD ASTM D 698

TYPICAL PERMANENT SIDEWALK SECTION  
N.T.S.

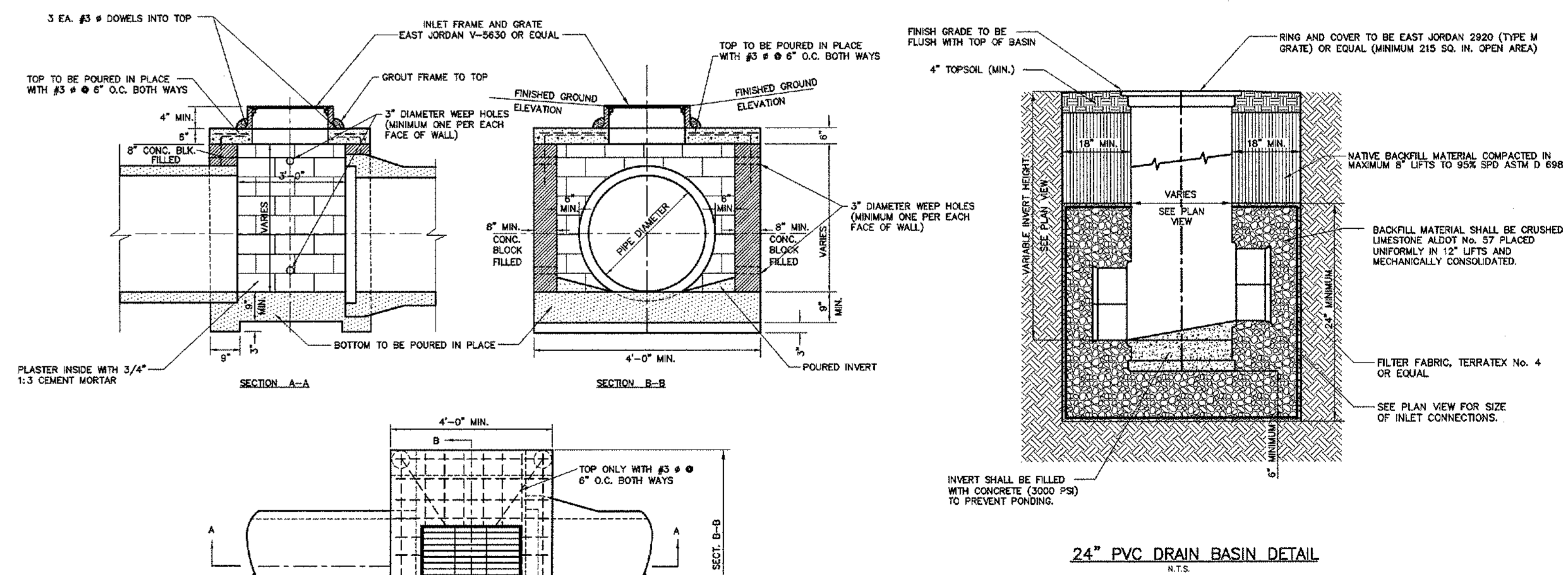


SIGN INSTALLATION DETAILS (ALL SIGNS)  
N.T.S.

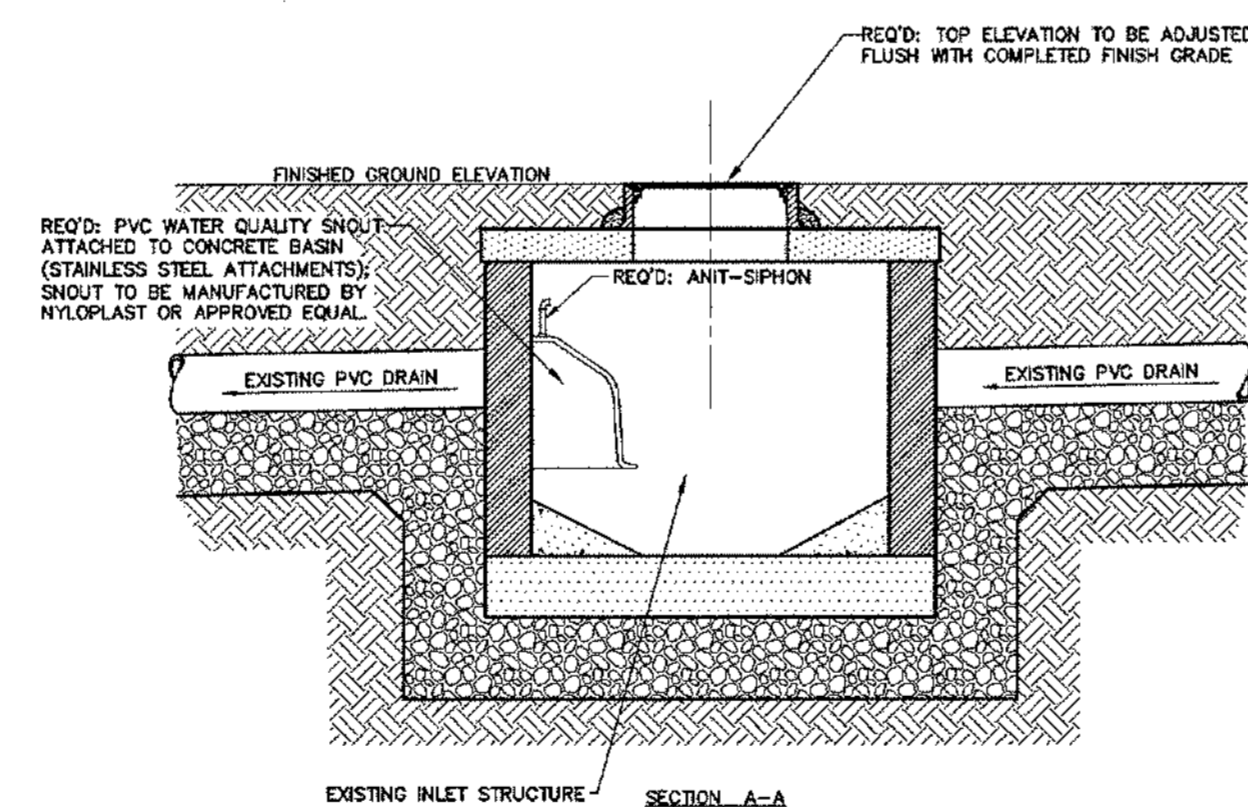
- PAINT SPEC (BASIS OF DESIGN DEVISE HIGH PERFORMANCE COATINGS)
  - PRIMER: DEVRAN 205 (1 COAT)
  - GLOSS ENAMEL: DEVRANE 378/9803, BLACK COLOR (2 COATS)
  - URETHANE FINISH: DEVRANE 378/0026, CLEAR (1 COAT)



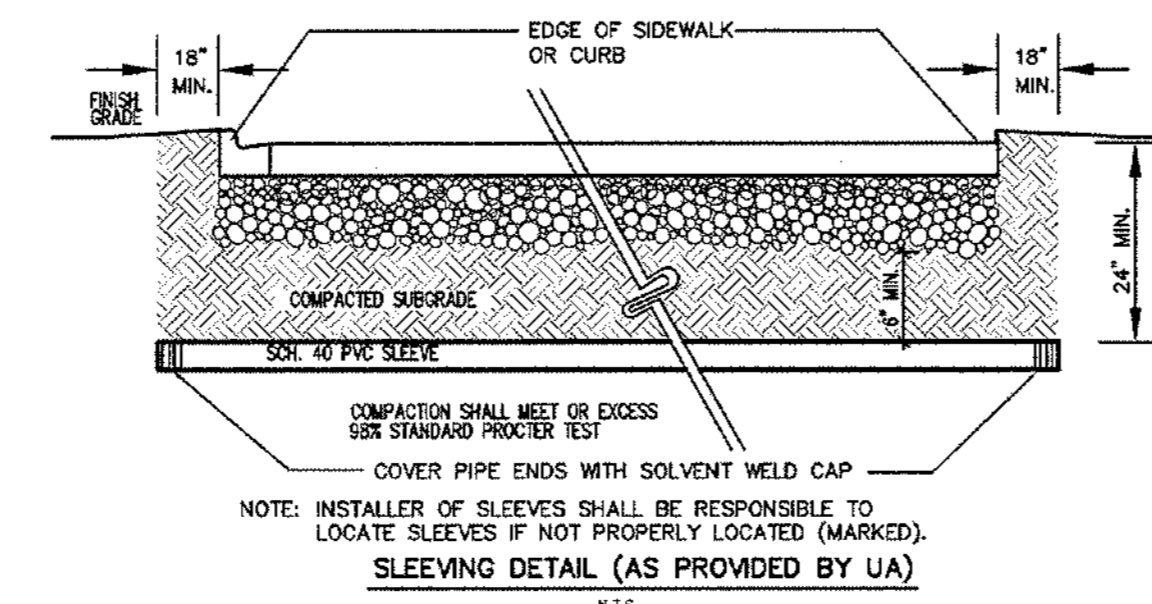
EXPANSION JOINT DETAIL  
N.T.S.



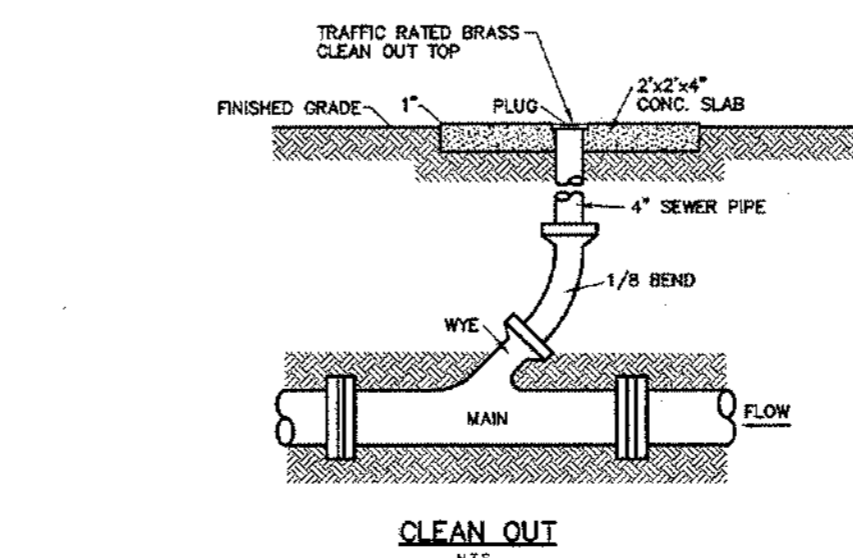
24\"/>



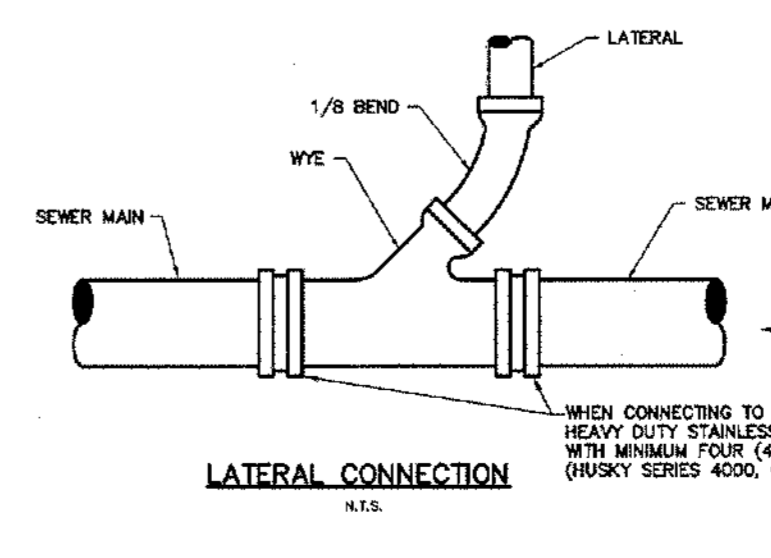
SUMP CONNECTION TO EXISTING INLET  
N.T.S.



SLEEVE DETAIL (AS PROVIDED BY UA)  
N.T.S.

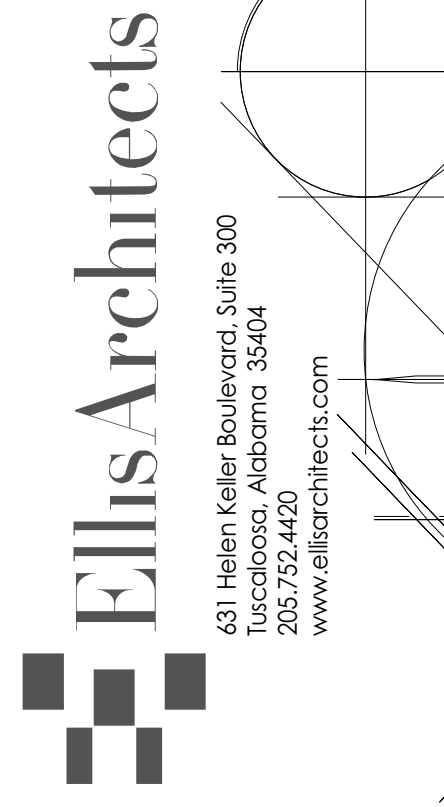


CLEAN OUT  
N.T.S.



LATERAL CONNECTION  
N.T.S.

- NOTE FOR ALL CONCRETE BOXES:
- STEPS REQUIRED FOR STRUCTURES OVER 4 FEET DEEP LOCATION TO BE APPROVED BY PROJECT ENGINEER.
  - ALL CONCRETE TO BE 3000 P.S.I.
  - ALL CONCRETE BLOCKS ARE TO BE FILLED WITH 3000 P.S.I. CONCRETE.
  - PLASTER INSIDE WITH 3/4" 1:3 CEMENT MORTAR.
  - ALL CONCRETE BOXES INCLUDE FORMED INVERTS. THESE SHALL BE NO ADDITIONAL PAY FOR THIS WORK. IT IS CONSIDERED INCIDENTAL TO CONSTRUCTION OF THE INLET.



SCHEDULE OF SPECIAL INSPECTIONS				
Item	Inspection / Test / Certification	C or P	Extent / Comments	Agent
<b>1000.00</b>	<b>General Conditions</b>			
1000.01	Review of Structural Documents and Shop Drawings to determine differences not approved by Architect or Engineer of Record	Continuous	Structural Documents should take precedence over any shop drawings. Special Inspector should use the Architectural and Structural Documents as the primary documents for review of construction. Shop drawing should be used as secondary document to review details not shown on the Architectural and Structural Documents. Any discrepancy between the two documents should be resolved by the Architect or Engineer of Record before proceeding with construction.	1
1000.02	The Special Inspector duties for missing details, conflicting details or coordination issues.	Continuous	Reasonable attempts have been made on the part of the design team to properly coordinate drawings. However in the event that a question arises on the project the Special Inspector shall obtain clarification from the Architect on all items. No changes shall be made to the drawings or construction without written conformation.	1
<b>1400.00</b>	<b>Fabricators</b>			
1400.01	Review the quality control procedures of the following fabricators for completeness and adequacy relative to the fabricator's scope of work: steel fabricator and lightgage truss fabricator.	Periodic		1

Item	Inspection / Test / Certification	C or P	Extent / Comments	Agent
1400.02	The following fabricators, if registered and approved by the building official, may submit "Certificates of Compliance" at the completion of their scope of work that their fabricated items were constructed in accordance with the approved construction documents: steel fabricator and lightgage truss fabricator. Fabricators having successfully completed no fewer than 5 similar projects may also submit for approval with documentation of similar projects.	Periodic		1
<b>2300.00</b>	<b>Soils and Deep Foundations</b>			
2300.01	Verify bearing capacities of soils beneath footings.	Periodic	As recommended in approved soils report and specified in earthwork specifications.	2
2300.02	Verify site preparation prior to beginning fill placement. Verify fill material type, placement method, lift thickness, and compaction of fill material. Verify in-place density of compacted fill.	Periodic	As recommended in approved soils report and specified in earthwork specifications.	2
<b>3300.00</b>	<b>Concrete Construction</b>			
3300.01	Inspect concrete formwork except as noted above for proper dimensions. Verify that construction joints are properly keyed. Verify that slab recesses, if any, have been installed.	Periodic	Prior to each pour.	1
3300.02	Inspect reinforcing steel for installation including size, spacing and bar clearances. Verify that lap splices and embedment lengths are per the construction documents. Verify that dowels for work above are properly aligned and spaced to match other work.	Periodic	Prior to each pour.	1
3300.03	Inspect bolts	Periodic		1
3300.04	Inspect bolts to be installed in concrete prior to and during placement of concrete.	Continuous	During placement and concreting operations.	1
3300.05	Verify each proposed concrete mix for the project.	Periodic	For each proposed mix.	1
3300.06	Sample all concrete for strength tests and test concrete for slump, air content, temperature, and other tests.	Continuous	During placement operations. Reference concrete specifications for specific tests and frequencies.	2
3300.07	Inspect concrete placement.	Continuous		1

Item	Inspection / Test / Certification	C or P	Extent / Comments	Agent
3300.08	Inspect all concrete curing operations as noted in the extents column.	Periodic	Monitor during hot, cold and windy conditions. Reference concrete specifications.	1
<b>4810.00</b>	<b>Masonry Construction</b>			
4810.01	Masonry foundation walls are excluded from inspections.			
4810.02	Inspect type size and location of anchors, including details of anchorage of masonry to structural members, frames or other construction.	Continuous	During installation of anchors.	1
<b>5120.00</b>	<b>Steel Construction</b>			
5120.01	Inspect high-strength bolts, nuts and washers: a. Identify markings to conform to ASTM standards specified in the construction documents. b. Inspect manufacturer's certificate of compliance.	Periodic	Reference project specifications and ASTM material specifications; AISC 335, (Sect A3.4); AISC LRFD (Sect A3.3).	1
5120.02	Inspect high-strength bolting: Bearing-type connections.	Periodic		1
5120.03	Inspect and verify structural steel material: a. Identification markings to conform to ASTM standards specified in the approved construction documents. b. Manufacturers' certified mill test reports.	Periodic	Confirm that materials meet applicable ASTM specifications noted in construction documents.	1
5120.04	Inspect and verify weld filler materials: a. Identification markings to conform to AWS specifications in the approved construction documents. b. Manufacturer's certificate of compliance required.	Periodic	Confirm that materials meet applicable ASTM specifications noted in construction documents.	1
5120.05	Inspect welding: Structural Steel: 1) Complete and partial penetration groove 2) Multipass fillet welds. 3) Single-pass fillet welds > 5/16"	Continuous	Per specifications and AWS D1.1	1
5120.06	Inspect welding: Structural Steel: 1) Single-pass fillet welds ≤ 5/16" 2) Floor and deck welds.	Periodic	Per specifications and AWS D1.1	1

Item	Inspection / Test / Certification	C or P	Extent / Comments	Agent
5120.07	6. Inspect steel frame joint details for compliance with approved construction documents: a. Details such as bracing and stiffening. b. Member locations. c. Application of joint details at each connection.	Periodic	Inspect complete frame.	1
<b>5310.00</b>	<b>Metal Deck</b>			
5310.01	Verify depth and gauge of all deck elements	Periodic		1
5310.02	Verify adequate bearing of ends of decking	Periodic		1
5310.03	Verify deck support angles are provided for all opening greater than 100 square inches.	Periodic		1
<b>9000.00</b>	<b>Special Inspections for Seismic Resistance</b>			
9000.01	Inspect structural welding in accordance with AISC 341.	Continuous	Exceptions: 1. Single-pass fillet welds not exceeding 5/16 inch in size. 2. Floor and roof deck welding.	1
9000.02	Inspect nailing, bolting, anchoring and other fastening of components within the seismic-force-resisting system including drag-struts, braces and hold-downs.	Periodic		1
9000.03	Verification of proportions of materials in mortar and grout as delivered to the site	Periodic		
9000.04				
9000.05	Review certified mill test reports of all concrete reinforcing.			
9000.06	Verify reinforcing steel weldability			
9000.07	Ultrasonically test for discontinuities behind and adjacent to welds with base metal thicker than 1.5 inches where subject to through-thickness weld shrinkage strains.			
9000.08	Visual observation of structural system by registered design professional for general conformance to approved construction documents (including addenda and approved changes) at significant stages and at completion.	Periodic		3

INSPECTION AGENTS			
#	Firm, Address, Telephone		
1	Special Inspector		1
2	Geotechnical Consultant		2
3	Structural Engineer of Record		3

Item	Inspection / Test / Certification	C or P	Extent / Comments	Agent
<p>Note: The inspection and testing agent(s) shall be engaged by the Owner or the Owner's Agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building Official prior to commencing work. The qualifications of the Inspection Agent(s) may be subject to the approval of the Building Official.</p>				

GENERAL NOTES  
1. ANY OMISSIONS OR DISCREPANCIES BETWEEN PLANS, DETAILS, AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER BEFORE BIDDING.  
2. STRUCTURAL DRAWINGS OR PARTS OF THE STRUCTURAL DRAWINGS MAY NOT BE USED AS SHOP DRAWINGS PRIOR WRITTEN APPROVAL.  
3. ALL OR PARTS OF THESE DRAWINGS WERE PRODUCED WITH COMPUTER AIDED DRAFTING. DRAWINGS ARE AVAILABLE FROM THE ENGINEER IN DWG FORMAT ON REQUEST.  
4. CONTRACTOR PROPOSED CHANGES TO DETAILS MUST BE CLEARLY NOTED ON THE FIRST SHEET OF ALL SHOP DRAWINGS.  
5. CONSTRUCTION SHOWING IS STABLE AFTER THE BUILDING IS COMPLETE INCLUDING INTERIOR AND EXTERIOR FINISHES. THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARY BRACING OF THE STRUCTURE DURING CONSTRUCTION.  
6. SITE VISITS BY ENGINEER OF RECORD ARE NOT CONSIDERED INSPECTIONS OR SPECIAL INSPECTIONS, RATHER ARE OBSERVATIONS FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS.

DESIGN LOADS  
REFERENCE CODE FOR LOADING SEI/ASCE7-05.  
BUILDING CLASSIFICATION II  
WIND LOAD  
BASIC WIND SPEED (3 SEC GUST) 90 MPH  
IMPORTANCE FACTOR 1.0  
WIND EXPOSURE B  
INTERNAL PRESSURE COEFFICIENT +/- 0.18  
VELOCITY PRESSURE (QZ) 17.62 PSF  
COMPONENTS & CLADDING PRESSURES SEE TABLE AND DIAGRAM, SHEET S0.1

ROOF SNOW LOAD  
FLAT ROOF SNOW LOAD (PF) 5 PSF  
SNOW EXPOSURE (CE) 1.0  
IMPORTANCE FACTOR 1.0  
THERMAL FACTOR (CT) 1.0  
SEISMIC LOAD  
IMPORTANCE FACTOR 1.0  
MAPPED SPECTRAL RESPONSE ACCELERATIONS  
SS 0.26  
SI 0.094  
SITE CLASS D  
SPECTRAL RESPONSE COEFFICIENTS  
SDS 0.26  
SD1 0.094  
SEISMIC DESIGN CATEGORY C  
BASE SEISMIC-FORCE-RESISTING SYSTEM(S) AND RESPONSE MODIFICATION FACTOR  
STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC 3  
DESIGN BASE SHEAR 50 KIPS  
SEISMIC RESPONSE COEFFICIENT (CS) 0.05  
ANALYSIS PROCEDURE = EQUIVALENT LATERAL FORCE  
LIVE LOAD 20 PSF  
ROOF LOAD 20 PSF  
SLABS ON GRADE 100 PSF  
MULTI-FAMILY HOUSING PUBLIC ROOMS 100 PSF  
CORRIDORS 80 PSF  
ATTICS WITHOUT STORAGE 10 PSF

FOUNDATIONS  
1. FOUNDATION DESIGN FOR THIS PROJECT WAS BASED ON SOILS INFORMATION PROVIDED BY TTL, INC., DATED JANUARY 20, 2011.  
2. BEARING VALUE OF SOIL: 2500 PSF  
3. CONTINUOUS FOOTINGS 2500 PSF  
4. ISOLATED SPREAD FOOTINGS 2500 PSF  
5. ALL FOOTINGS ARE TO BEAR ON UNDISTURBED SOIL OR ENGINEERED FILL.  
6. PROVIDE 8" LONG TOP STEEL REINFORCING, SAME SIZE AS BOTTOM STEEL, AT TRANSITIONS BETWEEN ENGINEERED FILL AND UNDISTURBED SOIL LOCATIONS.  
7. STEP ALL FOOTINGS WHERE NECESSARY TO PROVIDE A MINIMUM OF 1'-0" BELOW THE FINISH GRADE OR 0'-8" BELOW FINISH FLOOR.  
8. ALL FOOTING ELEVATIONS ARE GIVEN TO THE TOP OF THE FOOTINGS.  
9. FOOTING STEPS SHOWN ON THE PLANS ARE FURNISHED AS A GUIDE FOR ESTIMATING QUANTITIES. FINAL ELEVATIONS ARE TO BE SET IN THE FIELD. BEARING ELEVATIONS MUST BE APPROVED BY A SOILS ENGINEER BEFORE ANY CONCRETE IS PLACED.  
10. COORDINATE FOUNDATION ELEVATIONS WITH PLUMBING REQUIREMENTS. STEP FOOTINGS AS REQUIRED TO CLEAR PLUMBING LINES.  
11. PROVIDE DRAINAGE FOR ALL RETAINING WALLS. SEE ARCHITECTURAL FOR NOTES AND DETAILS.

MASONRY  
1. ALL MASONRY WORK TO BE IN ACCORDANCE WITH "BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES" (ACI 530-05 AND "SPECIFICATIONS FOR MASONRY STRUCTURES" (ACI 530-1.05)  
2. FILL ALL CONCRETE MASONRY UNITS WITH CONCRETE OR GROUT FROM THE TOP OF THE FOOTING TO THE FINISH FLOOR OR TO 8" ABOVE FINISH GRADE WHICHEVER IS HIGHER.  
3. USE LADDER TYPE JOINT REINFORCEMENT AT 16" ON CENTER IN ALL CAVITY WALLS WHERE BRICK IS USED FOR ONE OR MORE OF THE WITHES.  
4. USE TRUSS TYPE JOINT REINFORCEMENT AT 16" O.C. IN ALL OTHER MASONRY WALLS.  
5. USE TYPE "M" OR TYPE "S" MORTAR IN ACCORDANCE WITH IBC TABLE 2103.7(1).  
6. MINIMUM COMPRESSIVE STRENGTH OF CONCRETE MASONRY FM = 1500 PSI. SUBMIT FOR REVIEW TEST DATA ON STRENGTH OF UNITS BEFORE STARTING ANY MASONRY WORK.  
7. USE "TINE" GROUT FOR ALL REINFORCED PIERS AND REINFORCED WALLS IN ACCORDANCE WITH ASTM C 476.  
8. EACH GROUT LIFT SHALL NOT EXCEED 5'-0" UNLESS CLEANOUTS ARE PROVIDED IN THE BOTTOM COURSE.  
9. VERTICAL REINFORCEMENT SHALL EXTEND INTO THE BOND BEAM.  
10. UNLESS NOTED, ALL BOLTS SHALL BE LOCATED AT THE CENTER OF CELL.  
11. ANCHOR BOLT INTO GROUTED CELL LOCATIONS ONLY, UNLESS NOTED OTHERWISE.

REINFORCING STEEL AND CONCRETE  
1. ALL CONCRETE WORK IS TO BE IN ACCORDANCE WITH THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318-05).  
2. ALL DETAILING IS TO BE IN ACCORDANCE WITH "ACI DETAILING MANUAL" SP-66  
3. ALL STEEL REINFORCEMENT SHALL BE OF DEFORMED BARS OF BILLET STEEL CONFORMING TO ASTM A615, GRADE 60 IN ALL CONCRETE.  
4. WELDED WIRE FABRIC SHALL BE ASTM 185 AND SHALL LAP 2' CROSS WIRES OR 6" WHICHEVER IS GREATER ON ALL SIDES. ALL LAPS SHALL BE WIRED TOGETHER.  
5. ALL SLABS ON GRADE ARE 4" UNLESS NOTED. SLABS ARE TO BE PLACED ON 10 MIL PVC VAPOR BARRIER OVER 4" OF POROUS FILL. REINFORCE SLABS WITH 6X6 W14 X W14 WWF PLACED 1" FROM TOP OF SLAB. UNLESS OTHERWISE NOTED SLABS SHALL HAVE JOINTS PLACED AT 15'-0" ON CENTERS. JOINTS MAY BE CONTROL JOINTS OR CONSTRUCTION JOINTS. SEE ARCHITECTURAL PLANS FOR FLOOR SLOPES AND RECESSES FOR HARD TILE.  
6. MINIMUM CONCRETE COVER FOR REINFORCEMENT:  
FOOTINGS 3"  
CAST-IN-PLACE WALLS (SURFACES EXPOSED TO WEATHER OR SOIL)  
2" - #6 AND GREATER  
1-1/2" - #5 AND SMALLER  
OTHER SURFACES 3/4"  
7. PROVIDE A CONTINUOUS WATER BAR AT ALL WALL CONSTRUCTION JOINTS BELOW GROUND LEVEL.  
STRUCTURAL STEEL  
1. ALL DETAILING, FABRICATING, AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE AISC 360-05 "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS". ALL REACTIONS SHOWN ARE ASD LOADS.  
2. ALL CONNECTIONS ARE TO BE DETAILED AS TYPE 2 "SIMPLE FRAME CONNECTIONS".  
3. ALL STRUCTURAL STEEL W SHAPES SHALL BE ASTM A992.  
4. ALL STRUCTURAL STEEL TUBE SECTIONS SHALL BE ASTM A500 GRADE B.  
5. ALL STRUCTURAL STEEL PIPE SECTIONS SHALL BE ASTM A501.  
6. ALL STRUCTURAL STEEL CHANNELS, ANGLES AND OTHER SECTIONS SHALL BE ASTM A36, UNLESS NOTED.  
7. SHOP AND FIELD CONNECTIONS SHALL BE WELDED WITH E-70XX ELECTRODES OR BOLTED WITH 3/4" DIA. A-325 OR A-325X BOLTS, UNLESS NOTED.  
8. USE 3/4" CAP AND BEARING PLATES, UNLESS NOTED.  
9. USE 3/4" DIA X 1'-0" LONG ANCHOR BOLTS, UNLESS NOTED. IN LIEU OF CAST BOLTS, 3/4"x1'-0" LONG HAS RODS EPOXIED WITH HILTI HVA EPOXY, OR EQUAL, MAY BE USED WITH PRIOR APPROVAL.  
10. ALL STEEL EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED PER ASTM A123.  
STEEL JOIST  
1. ALL STEEL JOISTS SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR THE JOIST NOTED, AS ADOPTED BY THE STEEL JOIST INSTITUTE.  
2. JOIST DESIGNATION JOIST DEPTH/SERIES/TOTAL LOAD/LIVE LOAD.  
3. JOIST SUPPLIER HAS THE OPTION OF COMBINING JOIST SIZES TO A LARGER SECTION.  
4. EXTEND BOTTOM CHORD OF JOIST AND ATTACH TO PLATE WELDED TO THE COLUMN AT EACH COLUMN.  
5. K SERIES JOISTS SHALL BE WELDED TO BEARING PLATES OR STEEL MEMBERS WITH TWO 1/8" FILLET WELDS 1" LONG.  
METAL STUDS (STRUCTURAL)  
1. ALL DETAILING, FABRICATING, AND ERECTION OF LIGHT GAUGE STEEL SHALL BE IN ACCORDANCE WITH THE AISI GENERAL-04 "STANDARD FOR COLD FORMED FRAMING".  
2. ALL STUDS, JOIST TRACKS BRIDGING, AND ACCESSORIES SHALL BE A MINIMUM OF 60# GALVANIZED AND HAVE MINIMUM YIELD STRENGTH OF 33KSI, UNLESS NOTED OTHERWISE.  
3. TOP AND BOTTOM TRACKS TO BE SAME GAUGE AS STUDS UNLESS NOTED OTHERWISE.  
4. PROVIDE DOUBLE STUDS AT ALL WALL INTERSECTIONS, JAMBS, CORNERS, AND INTERSECTIONS.  
5. AT ALL OPENINGS IN WALLS PROVIDE ADDITIONAL STUDS EACH SIDE OF OPENING TO REPLACE MEMBERS CUT AT THE OPENING.  
6. PROVIDE (2) 8"x14GA HEADERS AT ALL OPENINGS, UNLESS NOTED OTHERWISE.  
7. PROVIDE BLOCKING OR STRAPPING AT A MAXIMUM OF 4'-0". SEE TYPICAL DETAIL.  
8. ALL WALL STUDS TO HAVE FULL BEARING AT TOP AND BOTTOM OF STUD.  
9. LIMIT DEFLECTION OF STUDS SUPPORTING BRICK TO H/60.  
10. USE A MINIMUM OF 18 GAGE FOR STUDS USED WITH BRICK ANCHORS.  
11. LIMIT DEFLECTION OF ALL STUDS NOT SUPPORTING BRICK TO H/60.  
12. LIMIT ROOF TRUSS LIVE LOAD DEFLECTIONS TO L/60.  
13. ATTACH ROOF DECK TO TRUSSES WITH #10 SCREWS AT 12".  
14. UNLESS OTHERWISE INDICATED ALL STEEL STUD TRUSS INFORMATION SHOULD BE CONSIDERED TO BE SCHEMATIC. FINAL DESIGN IS TO BE PROVIDED BY THE TRUSS SUPPLIER. PROVIDE SHOP DRAWINGS AND DESIGN CALCULATIONS SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE PROJECT FOR ALL TRUSS MEMBERS.

TESTING  
1. ALL TESTING IS TO BE COMPLETED UNDER THE SUPERVISION OF THE STRUCTURAL ENGINEER.  
2. THE OWNER WILL PROVIDE TESTING AND SPECIAL INSPECTION UNDER A SEPARATE CONTRACT. SEE THIS SHEET OR PROJECT SPECIFICATIONS FOR SCHEDULE OF SPECIAL INSPECTIONS.

CONCRETE USE	DESIGN STRENGTH	SLUMP LIMITS	ENTRAINED AIR RANGE	WEIGHT	NOTES
FOOTINGS	3000 PSI	3" TO 5"	3% TO 5%	150 PCF	-----
COLUMNS	4000 PSI	6" TO 8"	3% TO 5%	150 PCF	USE HRWR
SLABS ON METAL DECK	4000 PSI	6" TO 8"	3% TO 5%	150 PCF	USE HRWR
BASEMENT WALLS	4000 PSI	6" TO 8"	3% TO 5%	150 PCF	USE HRWR

A. ALL CONCRETE MUST OBTAIN 7 DAY STRENGTH OF 70% OF DESIGN STRENGTH.  
B. CONCRETE MIXES MAY USE UP TO 25% OF CEMENTITIOUS WEIGHT AS FLY ASH.  
C. CONCRETE MIXED MAY USE WATER REDUCERS, ACCELERATORS OR RETARDERS WITH PRIOR APPROVAL.

New Sorority House For  
BETA PSI CHAPTER OF  
DELTA GAMMA  
THE UNIVERSITY OF ALABAMA - NO. 831-10-277  
Tuscaloosa, Alabama



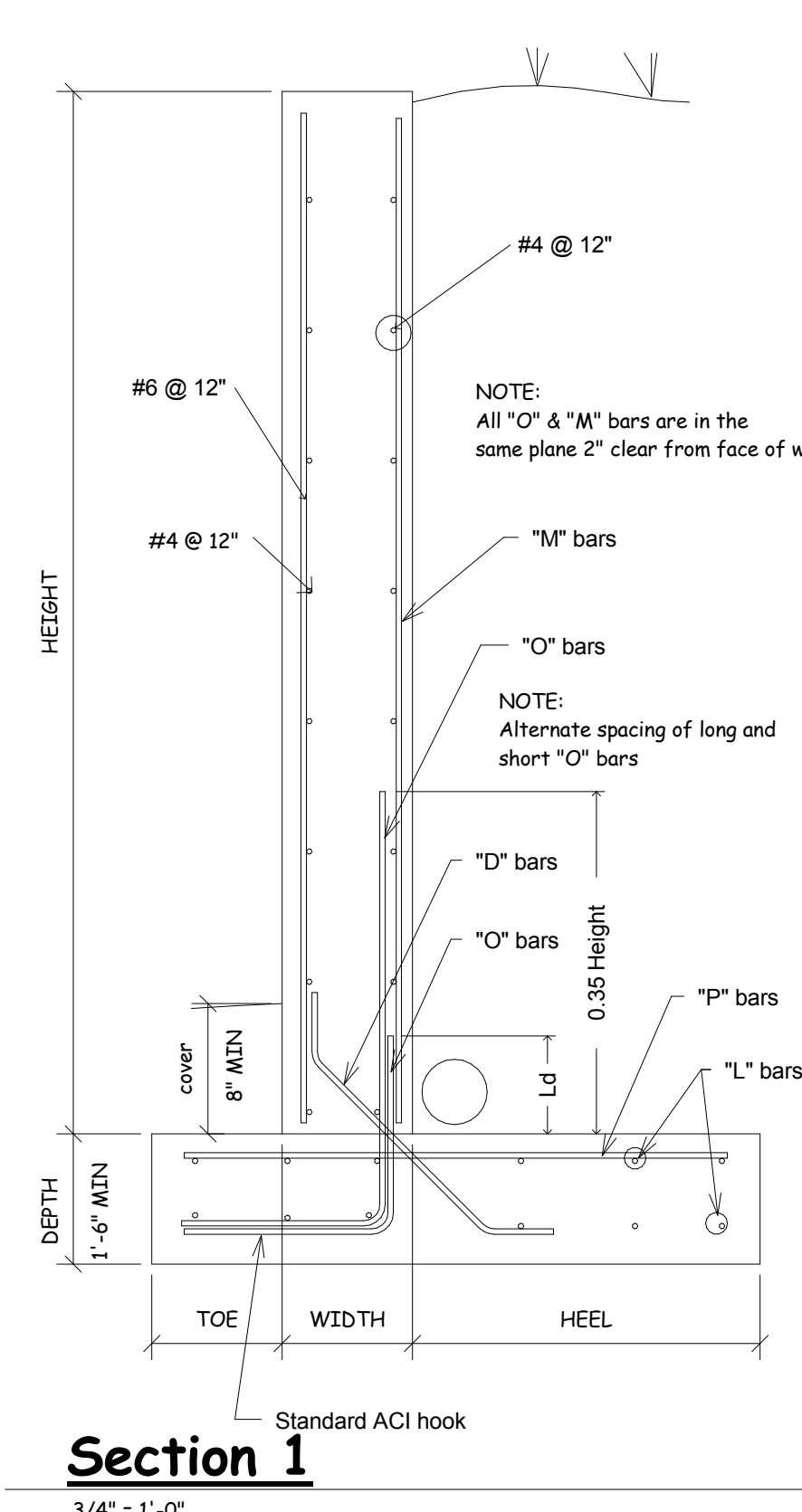
Copyright 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

JOB No. 11006  
DATE: 07-12-11  
DRAWN BY: JCW  
General Notes  
SHEET NUMBER S0.0





TOS Roof									TOS Roof
39' - 2"									39' - 2"
03 - FF 3rd Floor									03 - FF 3rd Floor
26' - 4"									26' - 4"
02 - FF 2nd Floor									02 - FF 2nd Floor
14' - 8"									14' - 8"
TOS									TOS
8' - 11 1/2"									8' - 11 1/2"
FF Ground Floor									FF Ground Floor
0"									0"
TOS BASEMENT									TOS BASEMENT
-12' - 10" Elevator Pit									-12' - 10" Elevator Pit
-17' - 6"									-17' - 6"
Column Locations	A-2, A-7	B-19, B-21, C-2, C-7, C-10, C-13, C-15, C-17, C-19, C-21, D-2, F-1, I-1, K-1, K-2, K-4, K-11, K-13, K-17, K-19	C-1(68' - 10')	C-23, F-23, F-24, G-24, J-24, K-23, K-24, M-3, M-11, M-19, N-3, N-11, N-19	C-5-12	D-1	E-19	F-21, K-21	



Height	Width	Toe	Heel	"O" bars	Ld	"M" bars	"P" bars	"D" bars	"L" bars
3'-0"	0'-8"	0'-6"	1'-0"	# 4 @ 12"	---	---	# 4 @ 12"	# 4 @ 12"	4 # 4 bars
4'-0"	0'-8"	0'-6"	2'-0"	# 4 @ 12"	---	---	# 4 @ 12"	# 4 @ 12"	4 # 4 bars
5'-0"	0'-8"	0'-6"	2'-4"	# 4 @ 12"	---	---	# 4 @ 12"	# 4 @ 12"	4 # 4 bars
6'-0"	0'-8"	0'-8"	2'-10"	# 4 @ 12"	---	---	# 4 @ 12"	# 4 @ 12"	4 # 4 bars
7'-0"	0'-8"	0'-8"	3'-6"	# 5 @ 12"	---	---	# 4 @ 12"	# 4 @ 12"	5 # 4 bars
8'-0"	0'-8"	1'-0"	4'-0"	# 5 @ 12"	---	---	# 4 @ 12"	# 4 @ 12"	5 # 4 bars
9'-0"	1'-0"	1'-0"	4'-10"	# 5 @ 12"	---	---	# 5 @ 12"	# 4 @ 12"	6 # 4 bars
10'-0"	1'-0"	1'-2"	5'-4"	# 5 @ 12"	---	---	# 5 @ 12"	# 4 @ 12"	6 # 4 bars
11'-0"	1'-0"	1'-4"	6'-0"	# 5 @ 9"	1'-0"	# 4 @ 9"	# 5 @ 9"	# 4 @ 9"	6 # 4 bars
12'-0"	1'-0"	2'-0"	6'-0"	# 6 @ 6"	1'-0"	# 6 @ 6"	# 6 @ 6"	# 4 @ 8"	7 # 5 bars
13'-0"	1'-0"	2'-0"	6'-0"	# 6 @ 6"	1'-3"	# 6 @ 6"	# 6 @ 6"	# 4 @ 6"	7 # 5 bars

- Notes:
- All concrete shall be 4000 psi @ 28 days.
  - All reinforcing steel shall be ASTM A 615 Grade 60.
  - Provide 2" dia weep holes through the wall @ 10'-0" o.c.
  - Provide vertical scored control joints @ 10'-0" o.c.
  - Provide drainage behind wall, design by others.
  - Backfill behind wall with #57 or #67 stone. Provide backfill in wedge with angle of 45 degrees from the base of the foundation wall to the floor subgrade elevation.

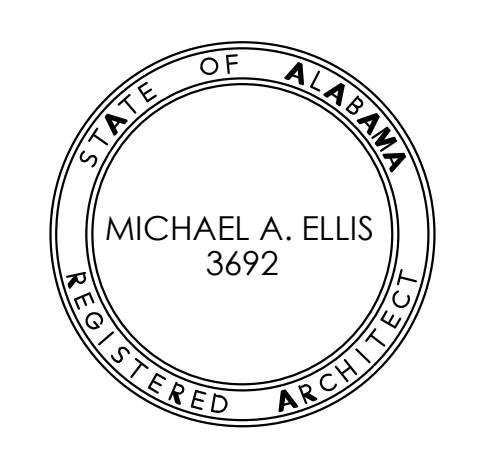
**Section 1**  
3/4" = 1'-0"

TOS Roof									TOS Roof
39' - 2"									39' - 2"
03 - FF 3rd Floor									03 - FF 3rd Floor
26' - 4"									26' - 4"
02 - FF 2nd Floor									02 - FF 2nd Floor
14' - 8"									14' - 8"
TOS									TOS
8' - 11 1/2"									8' - 11 1/2"
FF Ground Floor									FF Ground Floor
0"									0"
TOS BASEMENT									TOS BASEMENT
-12' - 10" Elevator Pit									-12' - 10" Elevator Pit
-17' - 6"									-17' - 6"
Column Locations	G-25, J-25, L-2	H-6, H-8, I-6, I-8	I-3	I-4	I-11, I-15	I-13, I-17	I-19	J(3' - 1 1/2")-14(3' - 11")	

TOS Roof									TOS Roof
39' - 2"									39' - 2"
03 - FF 3rd Floor									03 - FF 3rd Floor
26' - 4"									26' - 4"
02 - FF 2nd Floor									02 - FF 2nd Floor
14' - 8"									14' - 8"
TOS									TOS
8' - 11 1/2"									8' - 11 1/2"
FF Ground Floor									FF Ground Floor
0"									0"
TOS BASEMENT									TOS BASEMENT
-12' - 10" Elevator Pit									-12' - 10" Elevator Pit
-17' - 6"									-17' - 6"
Column Locations	K-14(2' - 5")	K-16(2' - 4 15/16")	L-1	M-2, M-14, M-16, M-23, N-23	M-12, M-18	M(1' - 5")-14(2' - 9") M(1' - 5")-16(2' - 9")	O-5, O-9, O-20, O-22	P-12, P-14, P-16, P-18	

**Column Schedule**  
1/8" = 1'-0"

New Sorority House For  
**BETA PSI CHAPTER OF DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO. 1831-10-277  
Tuscaloosa, Alabama



Copyright 2011  
Ellis Architects, Inc.

Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

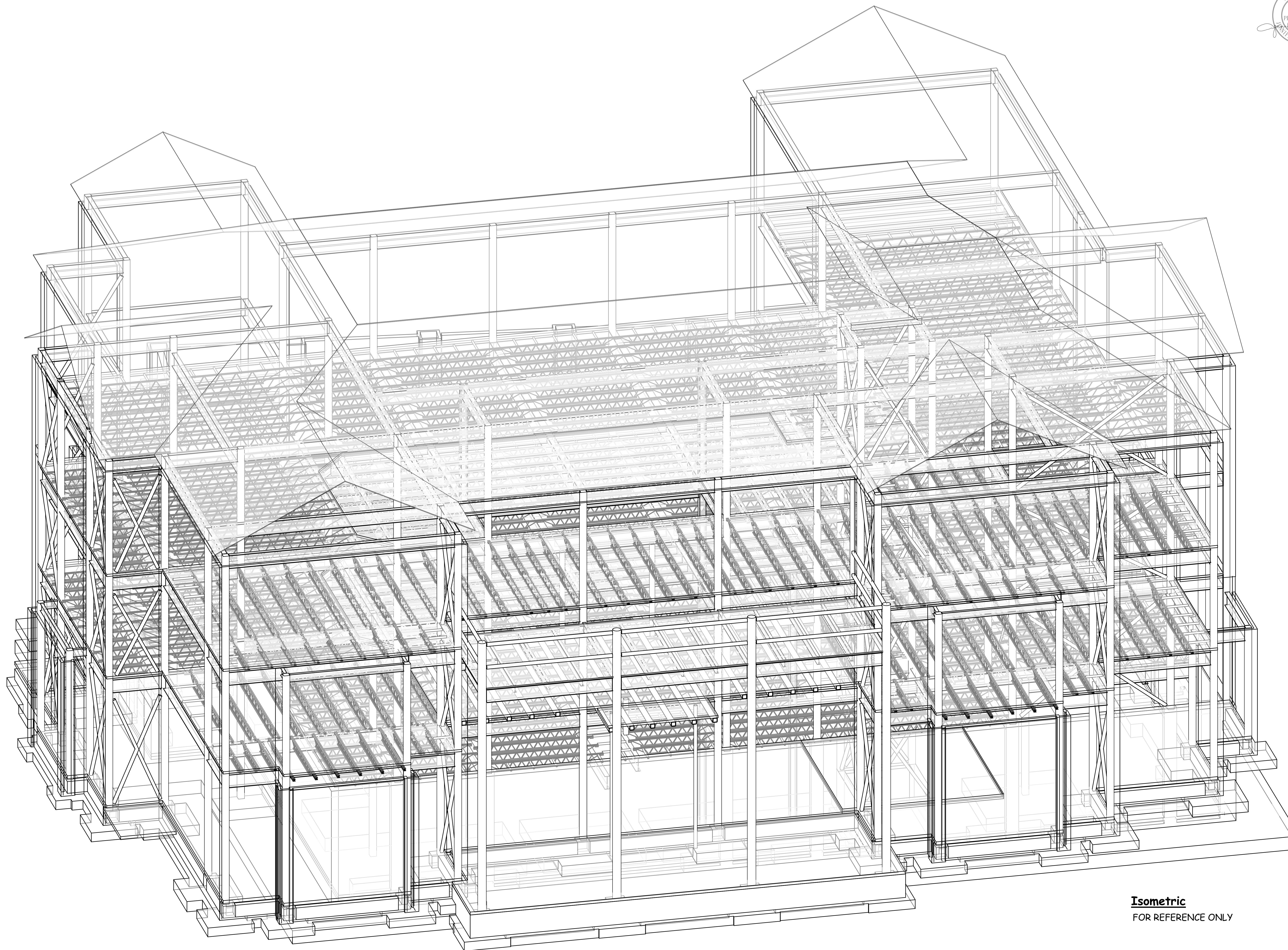
JOB No. **11006**

DATE: 07-12-11  
DRAWN BY: JCW  
Schedules

SHEET NUMBER **SO.2**

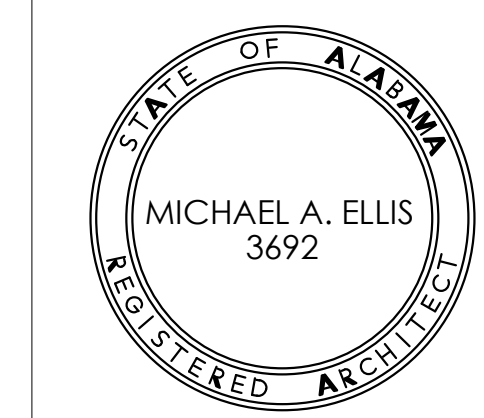
Mark	Width	Length	Thickness	Reinforcing	Estimated Number Required
F36	3' - 0"	3' - 0"	1'-0"	(4) #4 bars e.w.	21
F48	4' - 0"	4' - 0"	1'-0"	(6) #4 bars e.w.	3
F60	5' - 0"	5' - 0"	1' - 0"	(5) #5 bars e.w.	16
F72	6' - 0"	6' - 0"	1' - 2"	(7) #5 bars e.w.	15
F96	8' - 0"	8' - 0"	1'-6"	(9) #6 bars e.w.	22
F132	11' - 0"	11' - 0"	1'-6"	(12) #6 bars e.w.	6

Type	Width	Thickness	Reinforcing	Estimate of Length
W24	2' - 0"	1' - 0"	3 #4 con't / #4 @ 36" transverse	679' - 0 5/8"



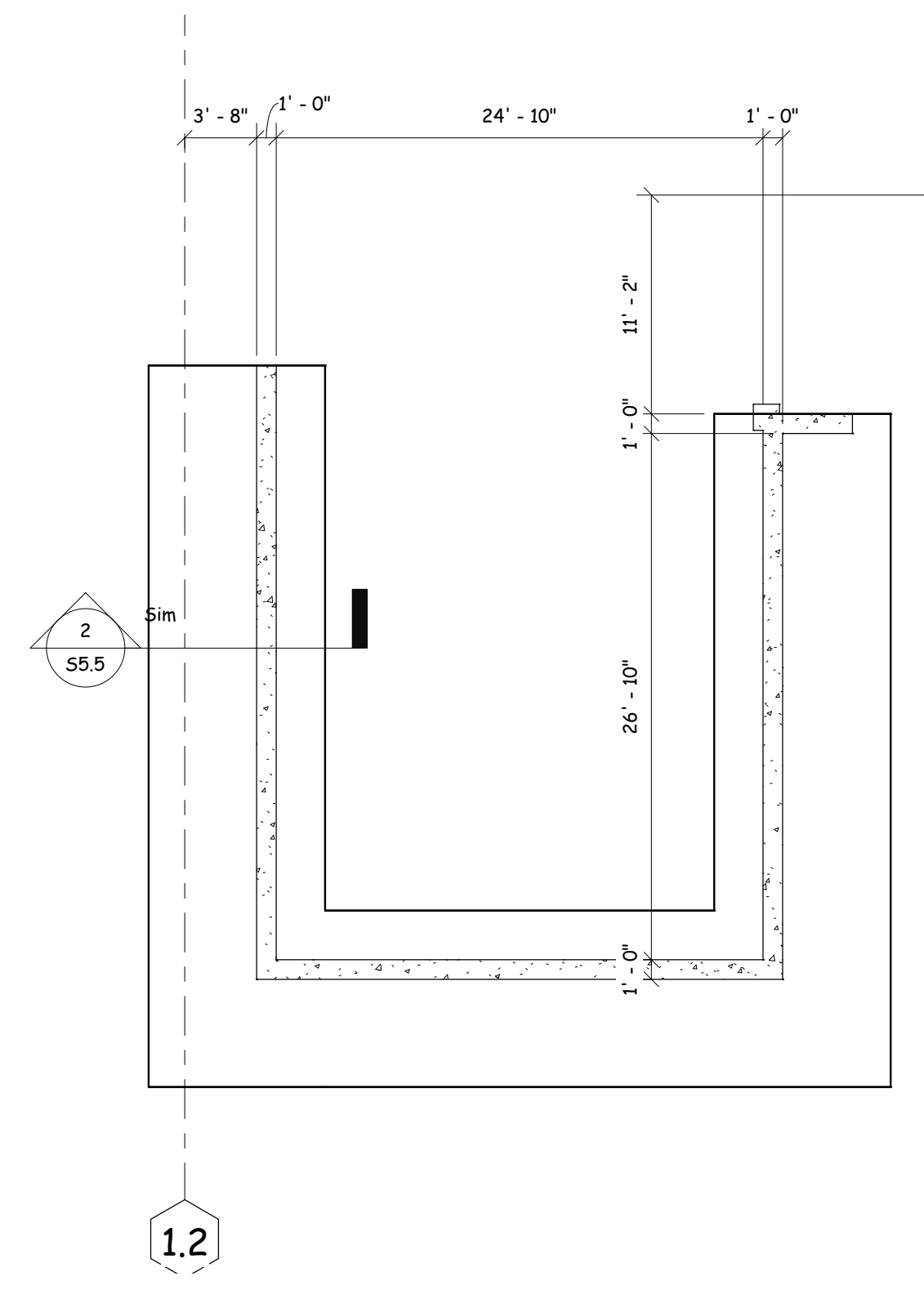
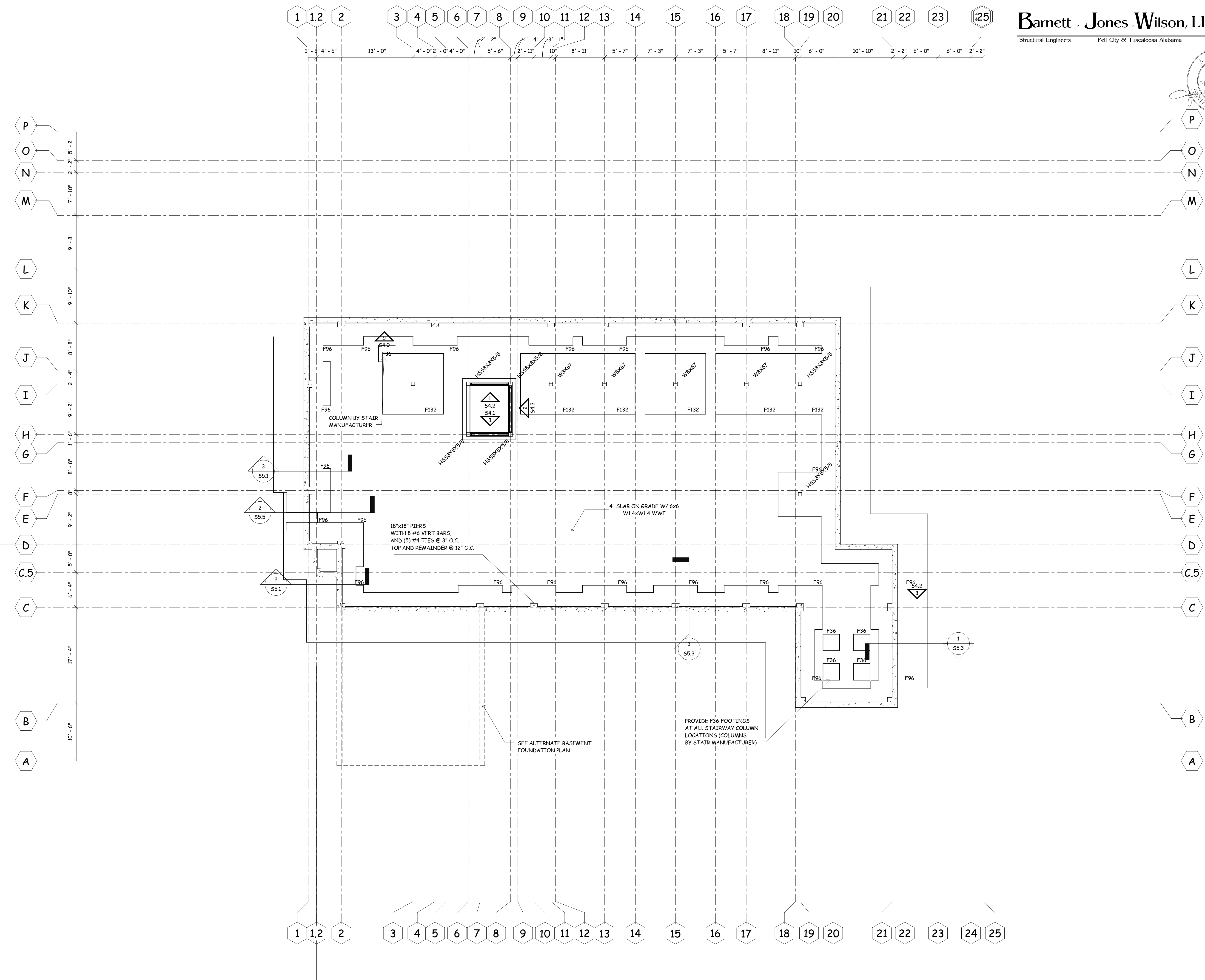
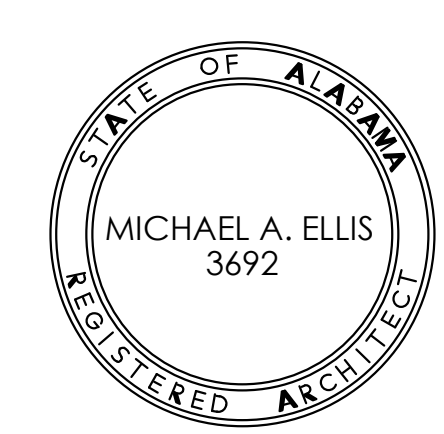
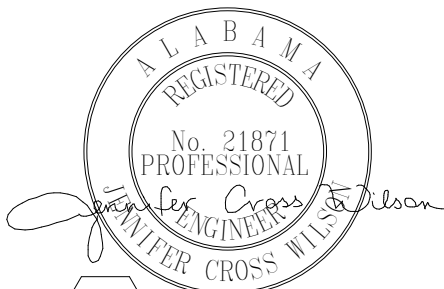
**Isometric**  
 FOR REFERENCE ONLY

New Sorority House For  
**BETA PSI CHAPTER OF  
 DELTA GAMMA**  
 THE UNIVERSITY OF ALABAMA - NO. 831-10-277  
 Tuscaloosa, Alabama



Copyright 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all  
 intellectual rights and ownership of  
 all information contained on these  
 documents. Ellis Architects, Inc.  
 and its consultants shall be  
 deemed the authors and owners of  
 their respective instruments of  
 Service and shall retain all common  
 law, statutory and other reserved  
 rights, including copyrights. This  
 document shall not be reproduced  
 without the written authorization of  
 Ellis Architects.  
 Do Not Scale From Drawings.  
 Contractor must verify all  
 dimensions prior to construction.

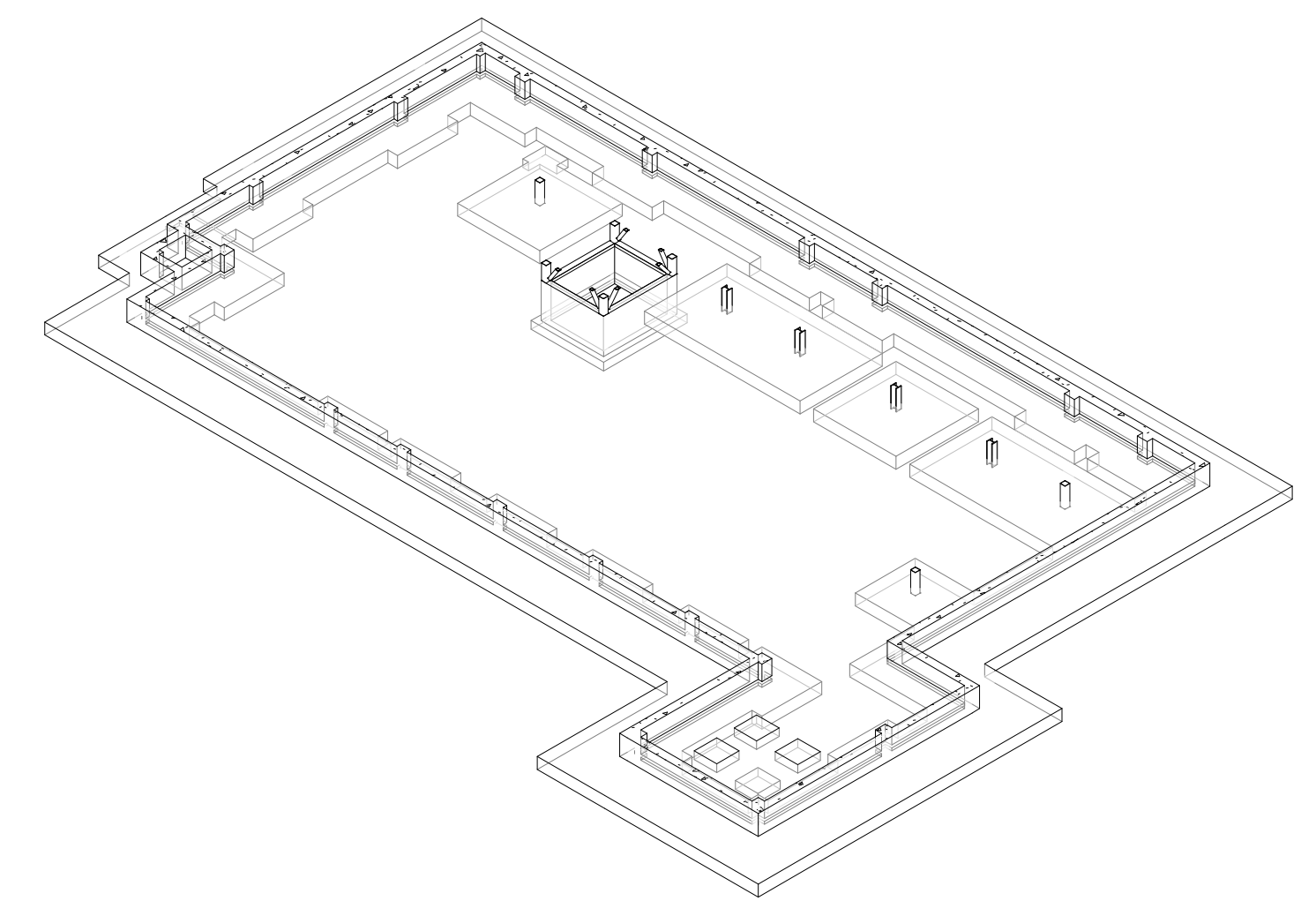
JOB No.	11006
DATE:	07-12-11
DRAWN BY:	JCW
Project Isometric	
SHEET NUMBER	S0.3

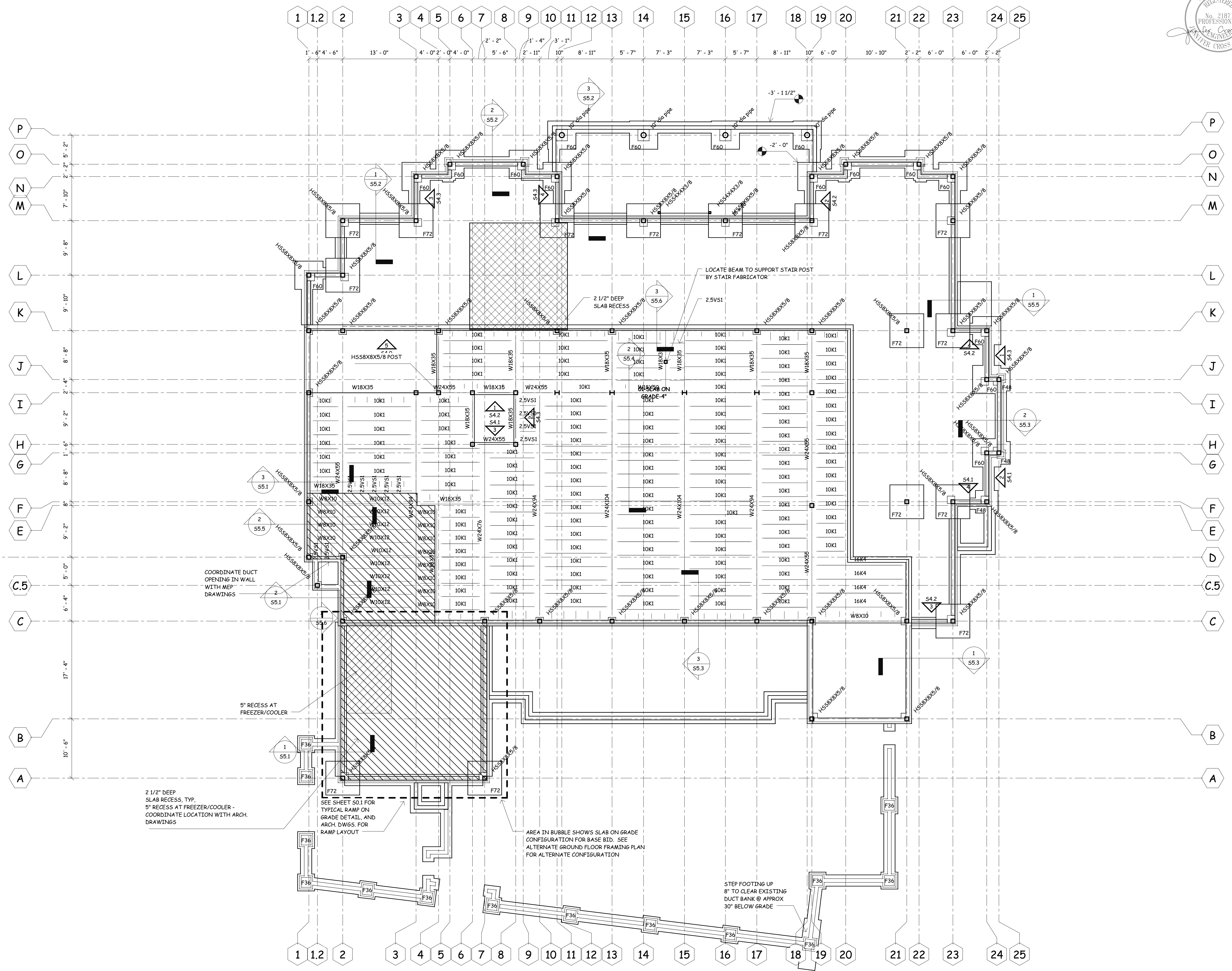
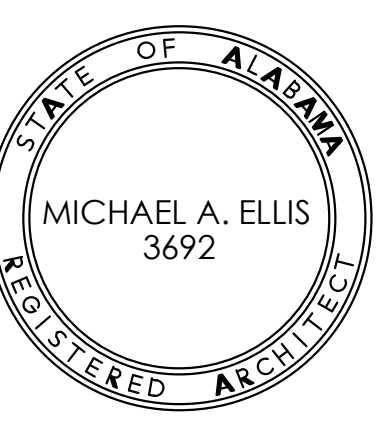


Alternate Basement Foundation Plan  
1/8" = 1'-0"

Foundation Plan  
1/8" = 1'-0"

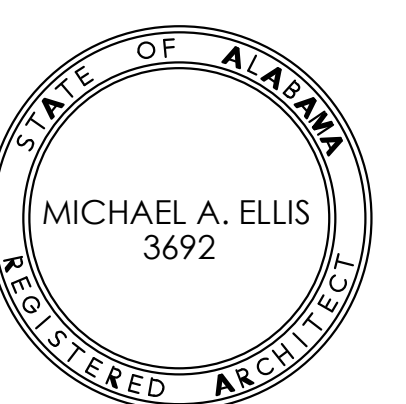
- SEE SHEET S0.0 AND S0.1 FOR TYPICAL DETAILS AND GENERAL NOTES.
- REFERENCE ALL ELEVATIONS TO FINISH FLOOR ELEVATION (+) 0'-0".
- TOP OF ALL EXTERIOR FOOTINGS ELEVATION (+) 2'-0" UNLESS NOTED.
- TOP OF ALL INTERIOR FOOTINGS ELEVATION (+) 0'-4" UNLESS NOTED.
- REFERENCE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN.





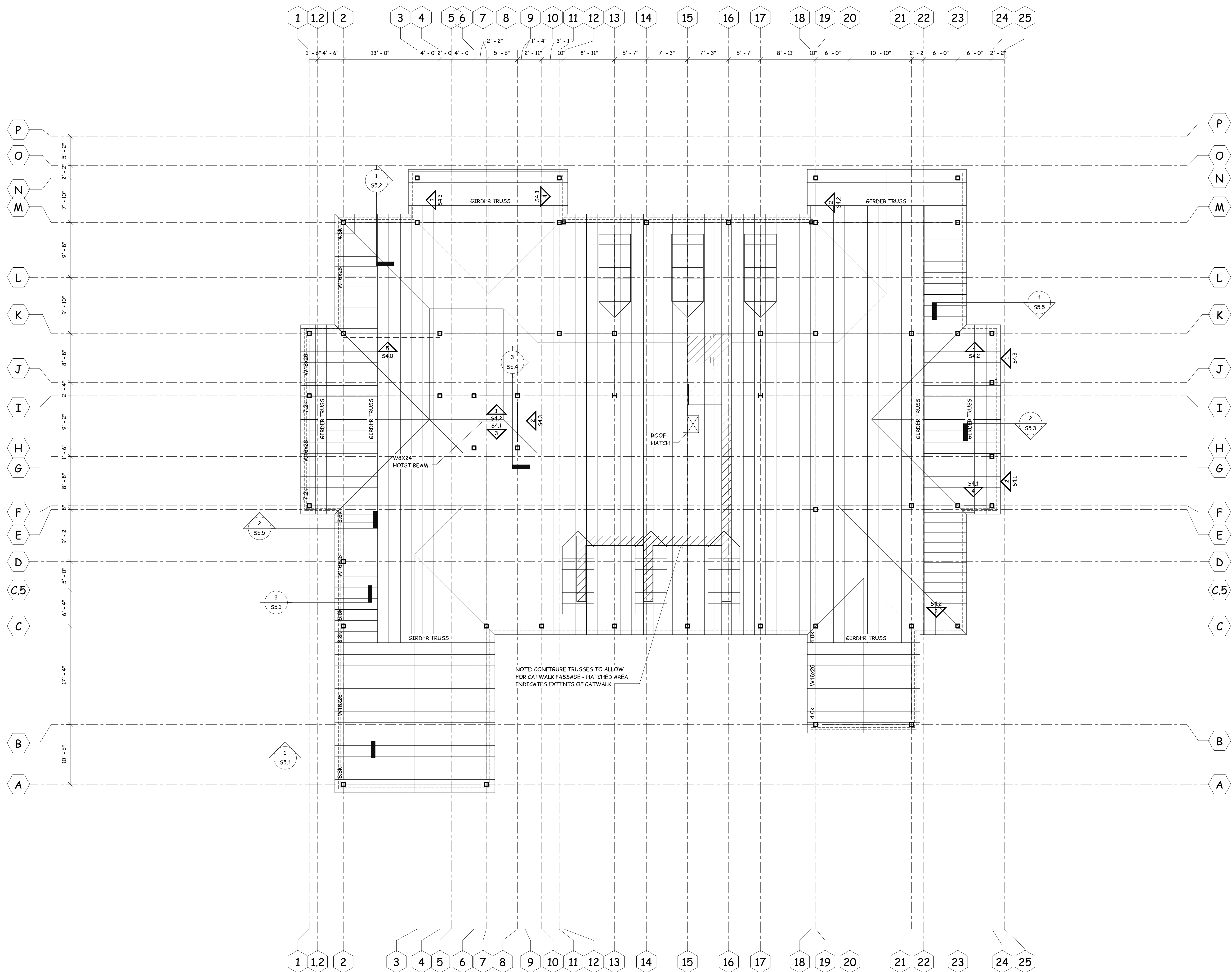






Copyright 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
 Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

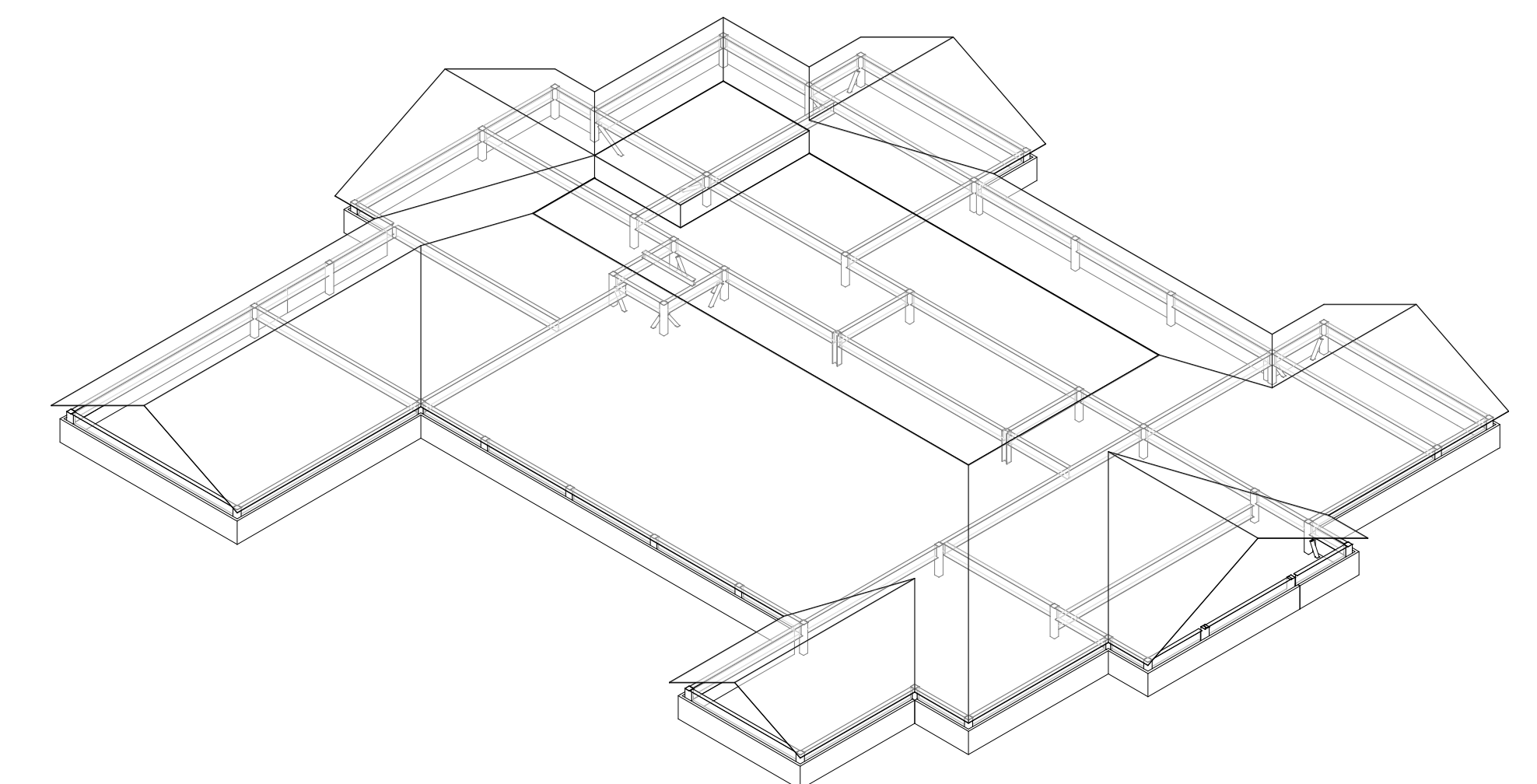
JOB No.	11006
DATE	07-12-11
DRAWN BY:	Author
Roof Framing Plan	
SHEET NUMBER	S3.1



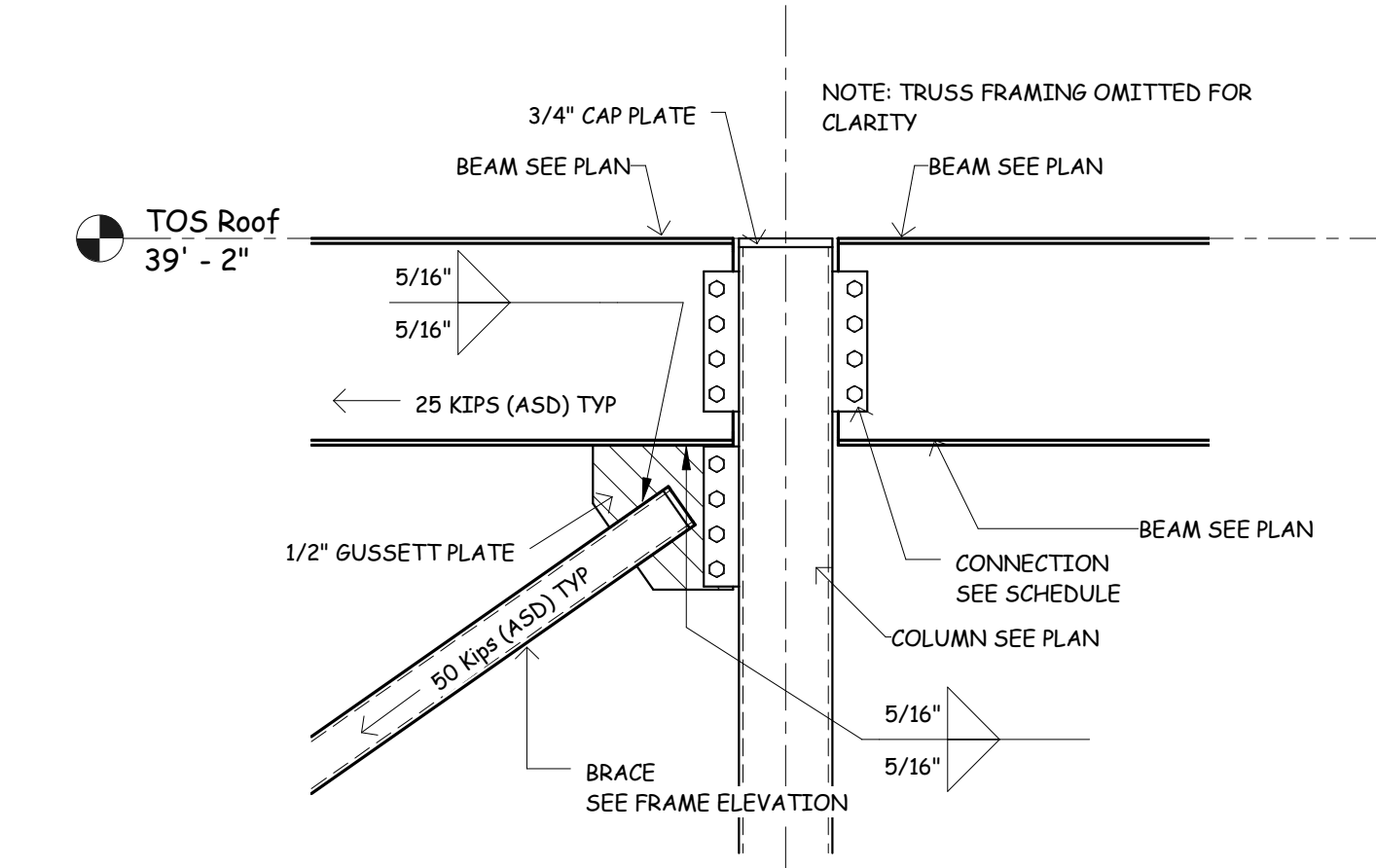
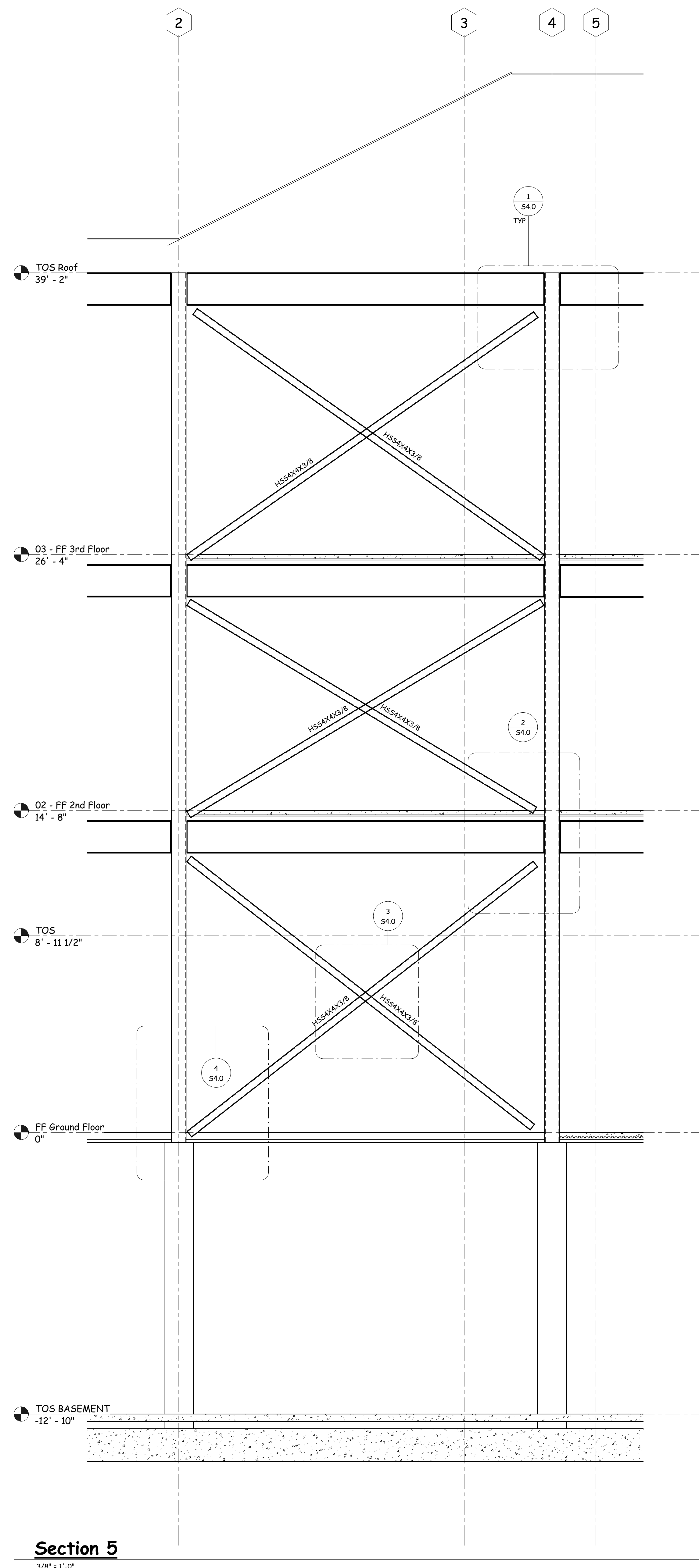
**Roof Framing Plan**

- 1/8" = 1'-0"
- SEE SHEET S0.0 AND S0.1 FOR TYPICAL DETAILS AND GENERAL NOTES.
  - REFERENCE ALL ELEVATIONS TO FINISH FLOOR ELEVATION (+) 0'-0"
  - SEE PLAN FOR TOP OF SLAB ELEVATIONS.
  - ROOF CONSTRUCTION: 3/4" PLYWOOD DECKING OVER ENGINEERED COLD FORMED METAL TRUSSES.
  - ATTACH ROOF DECK TO TRUSSES WITH #10 SCREWS @ 10" O.C.
  - REFERENCE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN.

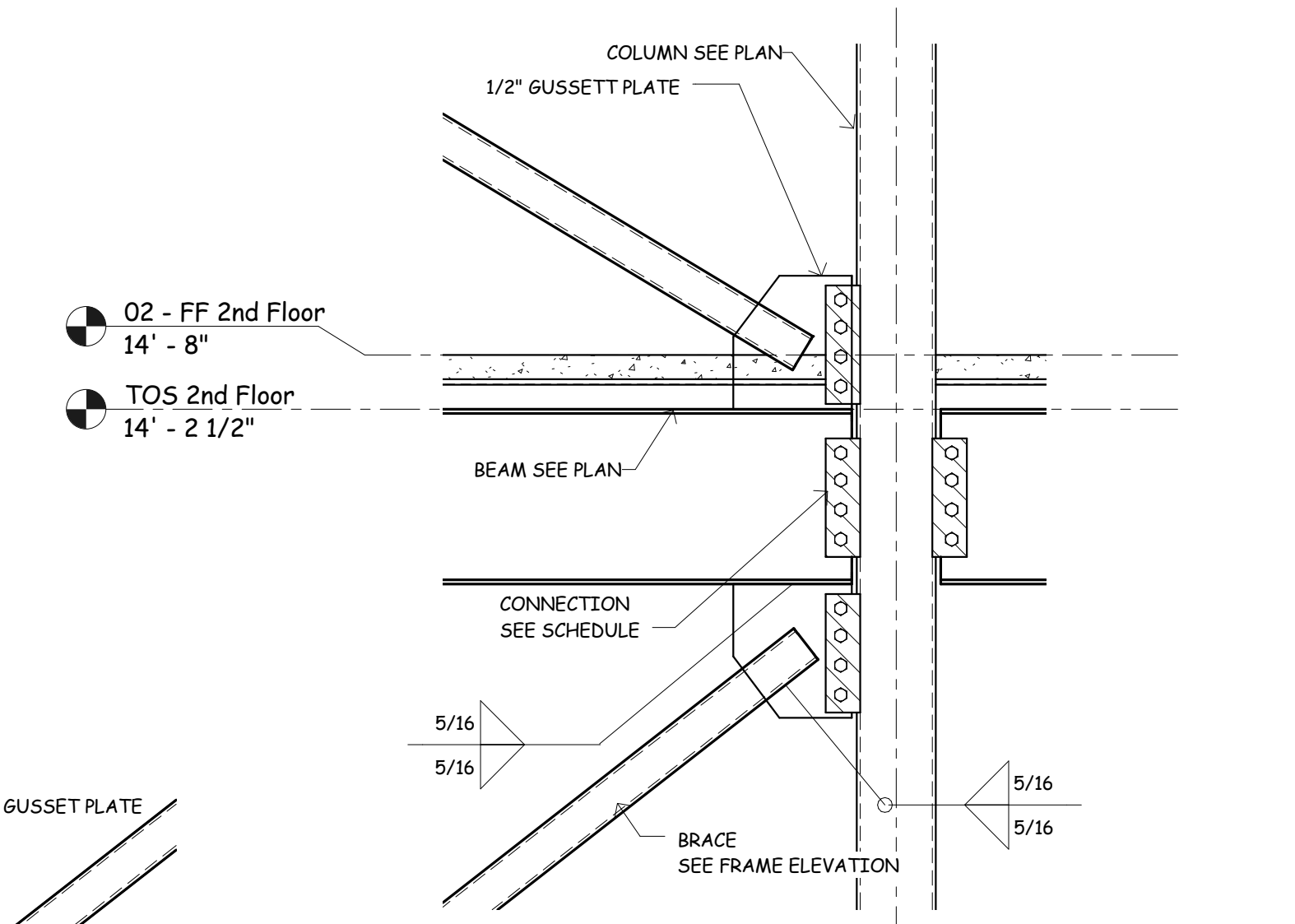
- TRUSS NOTES:
- FURNISH DESIGN CALCULATIONS SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF ALABAMA FOR ALL TRUSS MEMBERS.
  - TRUSS MANUFACTURER SHALL SPECIFY ALL TRUSS TO TRUSS AND TRUSS TO WALL CONNECTIONS AND NOT CONTAIN MENTION OF "BY OTHERS" IN RELATION TO CONNECTION DESIGN.
  - DESIGN TRUSS FRAMED ROOF SYSTEM TO TRANSFER ALL LATERAL LOADS IN TO SUPPORTING WALLS AND X-BRACED LOCATIONS SHOWN ON PLAN.



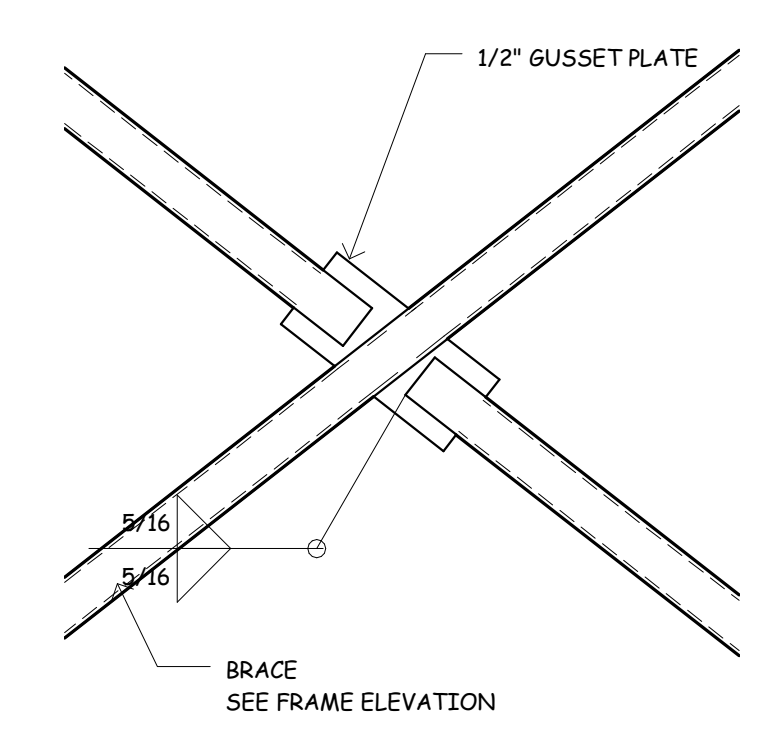




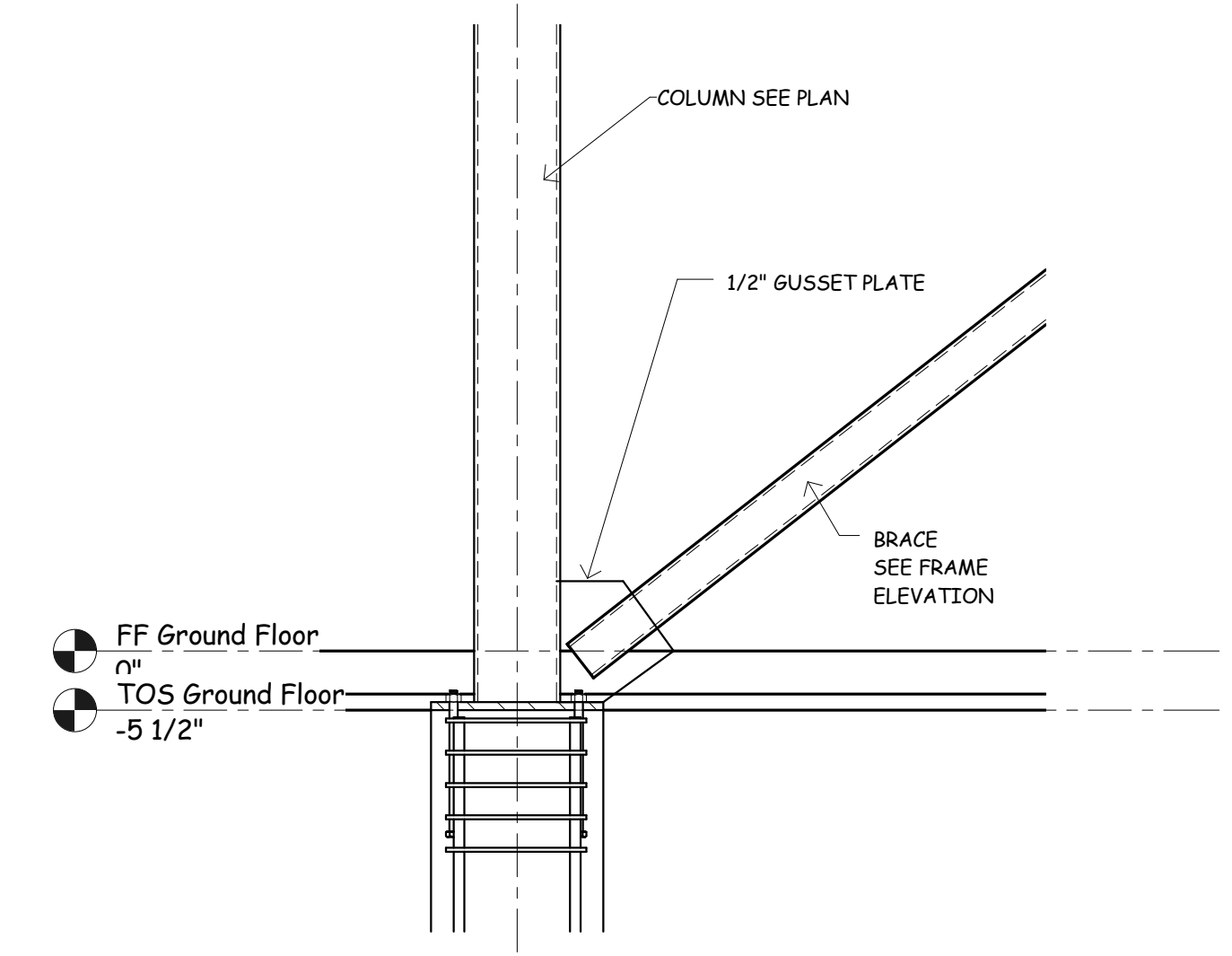
**Section 1**  
3/4" = 1'-0"



**Section 2**  
3/4" = 1'-0"



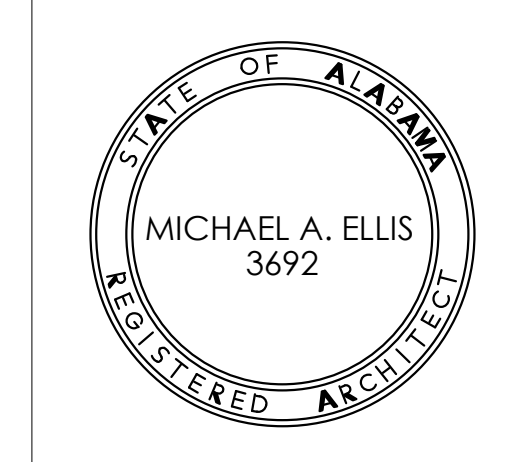
**Section 3**  
3/4" = 1'-0"



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

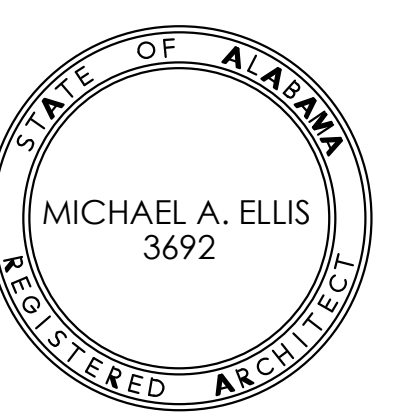
**Section 5**  
3/8" = 1'-0"

New Sorority House For  
**BETA PSI CHAPTER OF  
DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO. 831-10-277  
Tuscaloosa, Alabama



Copyright 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	07-12-11
DRAWN BY:	JCW
X-Bracing Connections	
SHEET NUMBER	S4.0

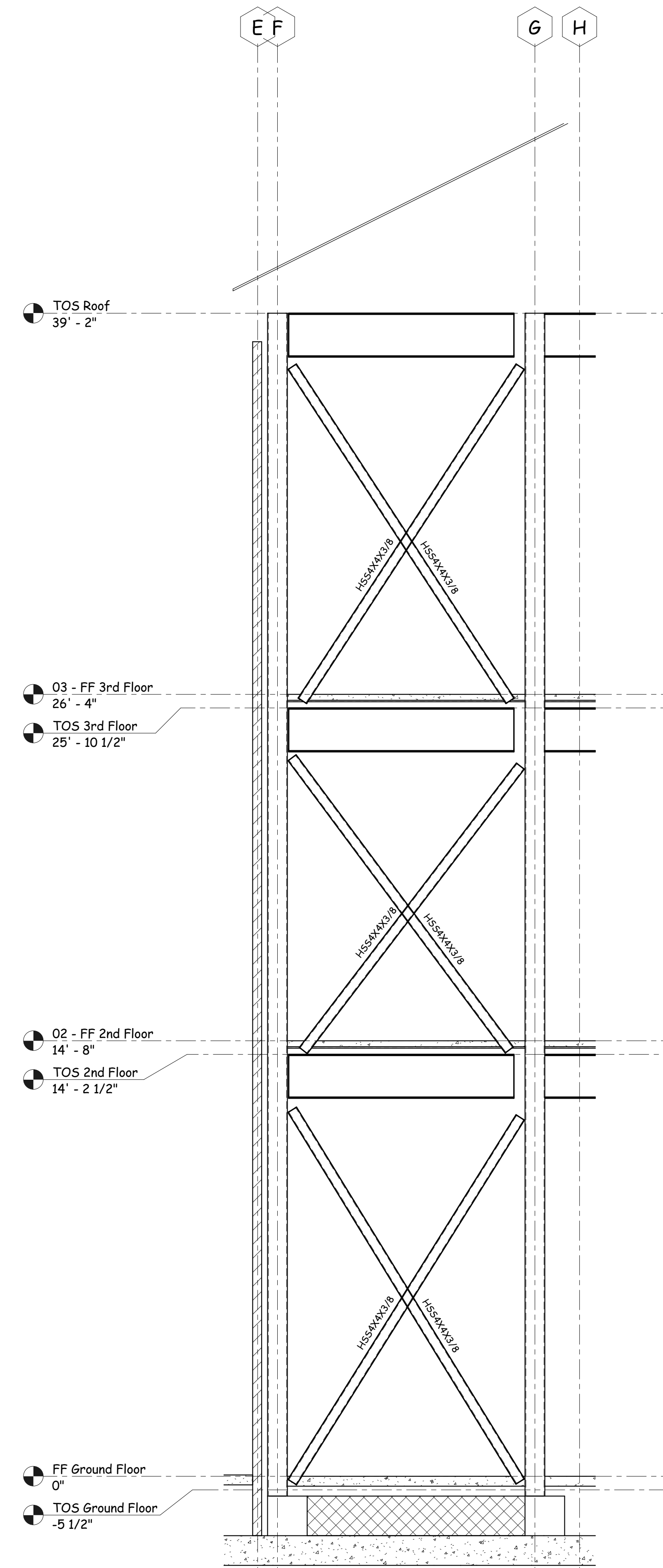


Copyright 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

JOB No. 11006

DATE: 07-12-11  
DRAWN BY: Author  
X-Bracing Elevations

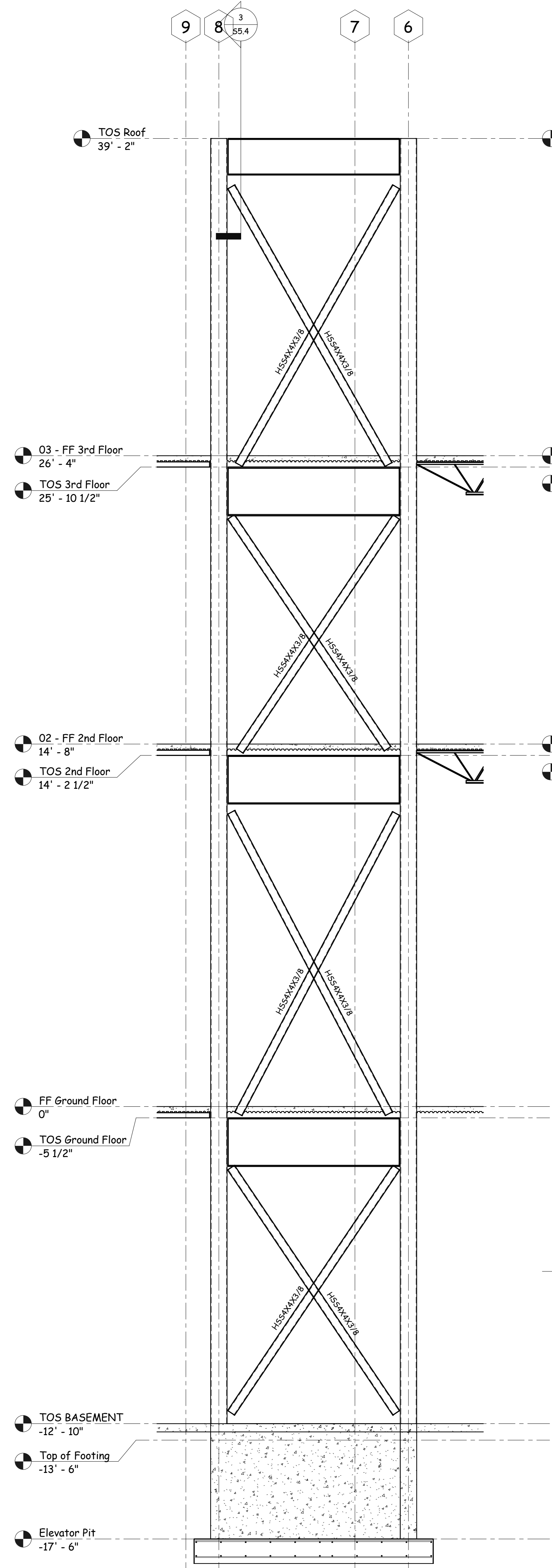
SHEET NUMBER S4.1



**Section 2**

3/8" = 1'-0"

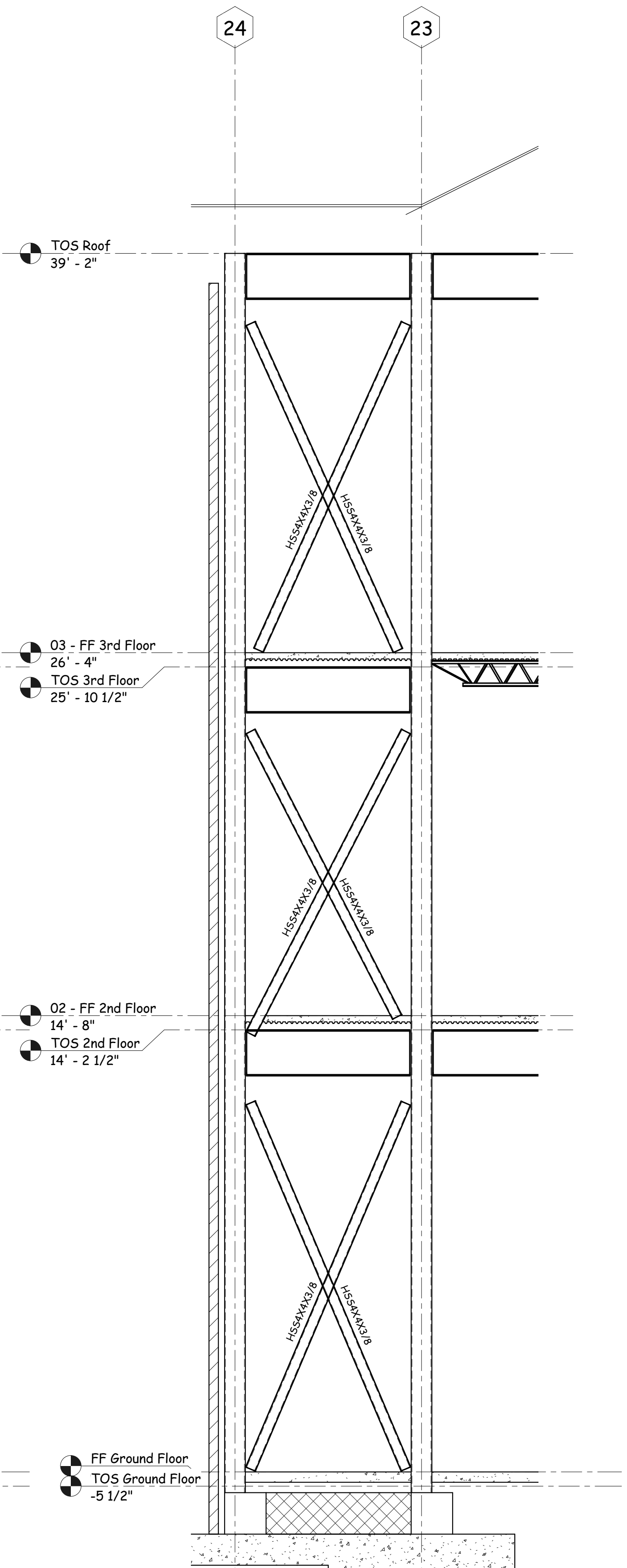
NOTE: SEE SHEET S4.0 FOR TYPICAL X-BRACING CONNECTION DETAILS



**Section 3**

3/8" = 1'-0"

NOTE: SEE SHEET S4.0 FOR TYPICAL X-BRACING CONNECTION DETAILS



**Section 4**

3/8" = 1'-0"

NOTE: SEE SHEET S4.0 FOR TYPICAL X-BRACING CONNECTION DETAILS



Copyright 2011  
 Ellis Architects, Inc.

Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
 Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

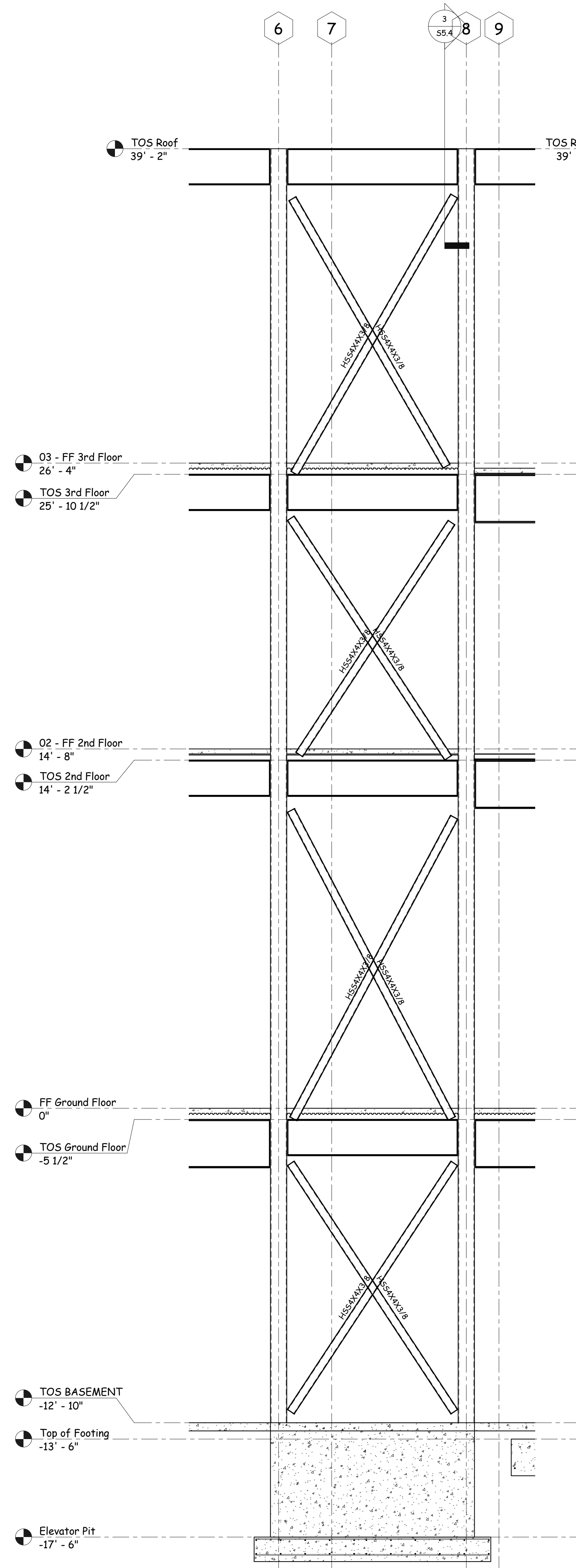
JOB No. **11006**

DATE: 07-12-11

DRAWN BY: Author

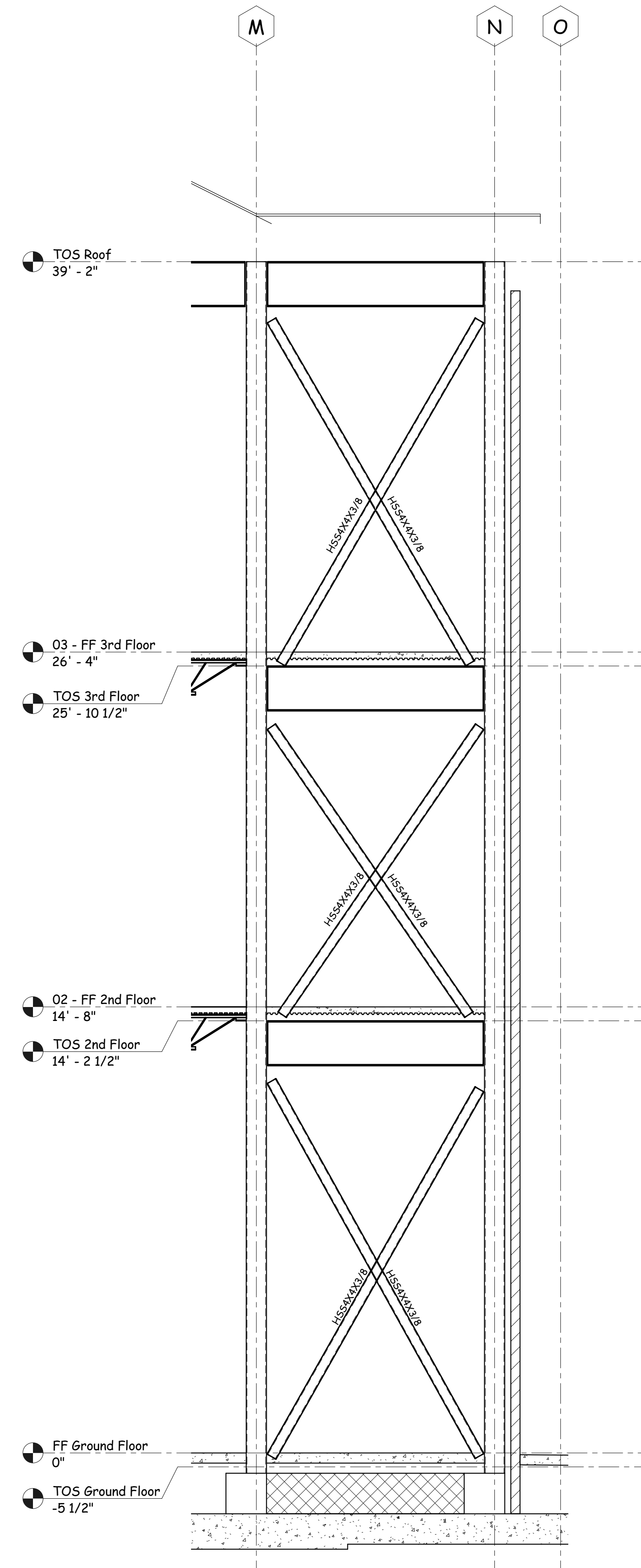
X-Bracing Elevations

SHEET NUMBER **S4.2**



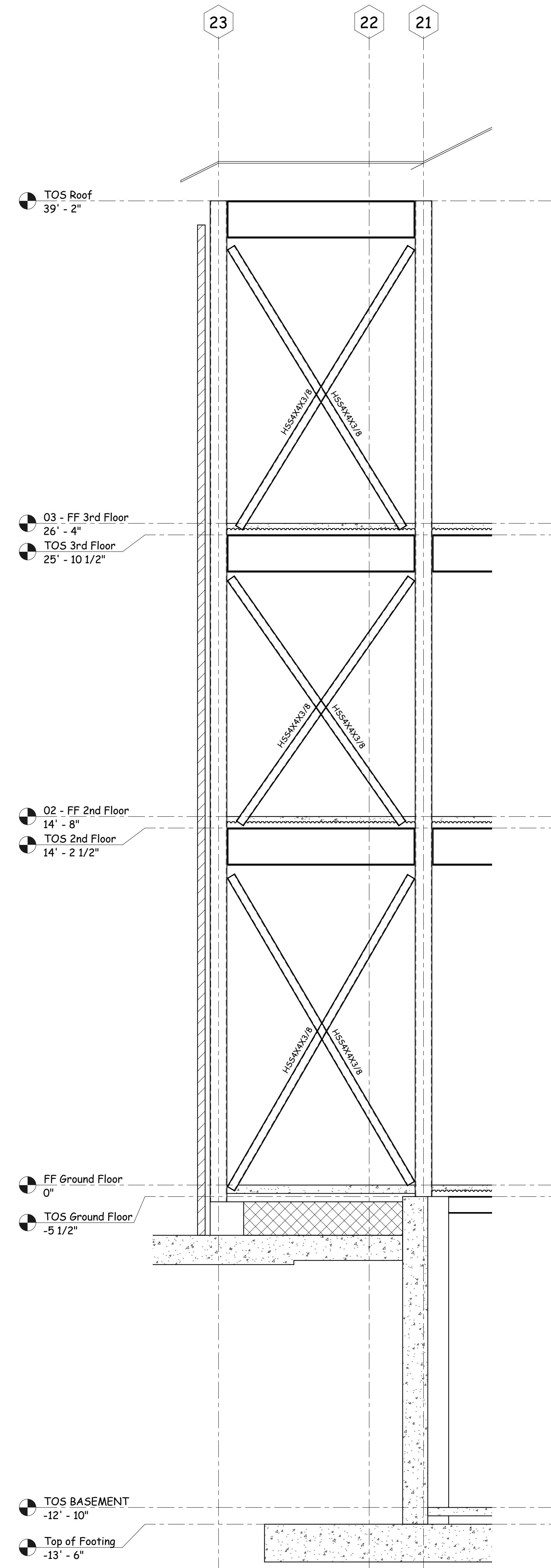
**Section 1**

3/8" = 1'-0"  
 NOTE: SEE SHEET S4.0 FOR TYPICAL X-BRACING CONNECTION DETAILS



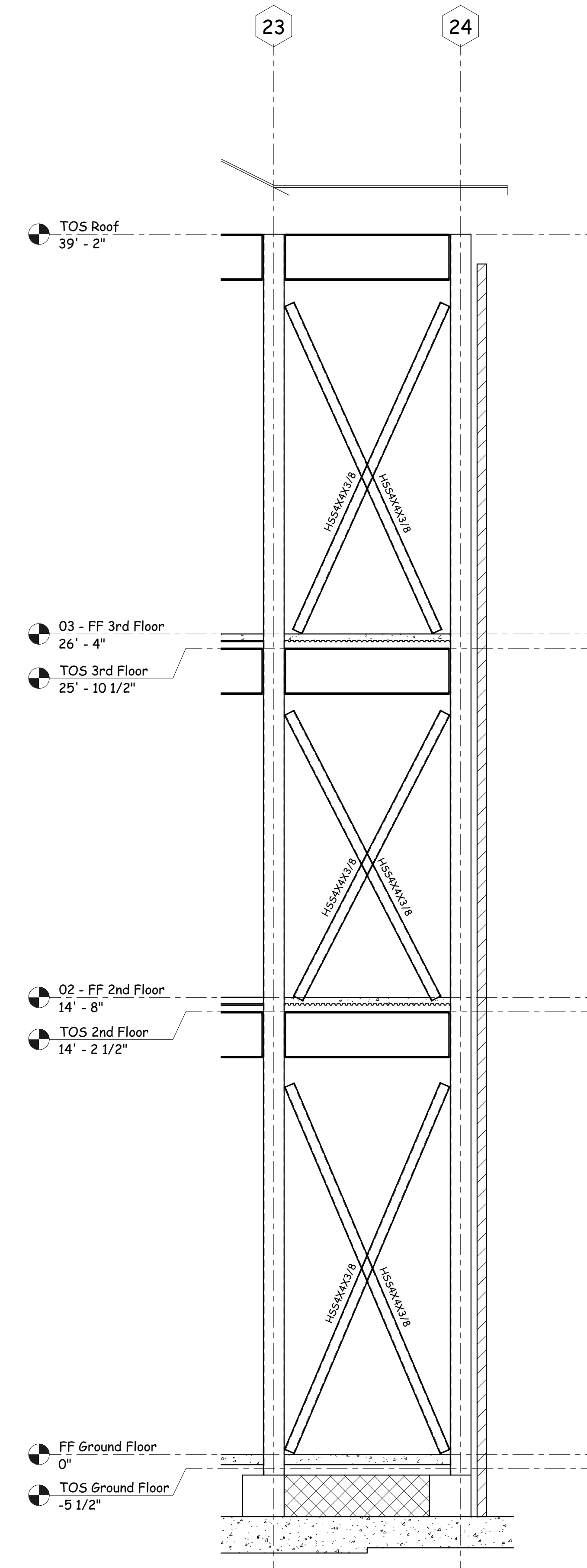
**Section 2**

3/8" = 1'-0"  
 NOTE: SEE SHEET S4.0 FOR TYPICAL X-BRACING CONNECTION DETAILS



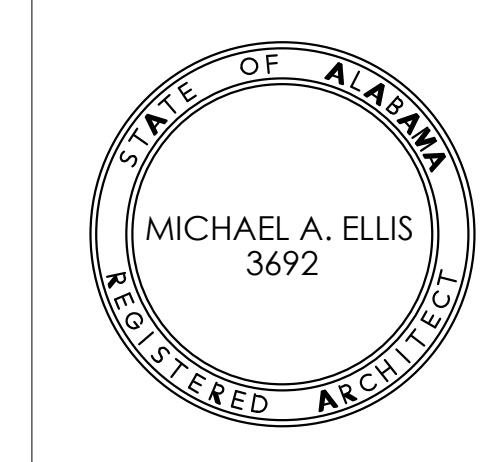
**Section 3**

3/8" = 1'-0"  
 NOTE: SEE SHEET S4.0 FOR TYPICAL X-BRACING CONNECTION DETAILS



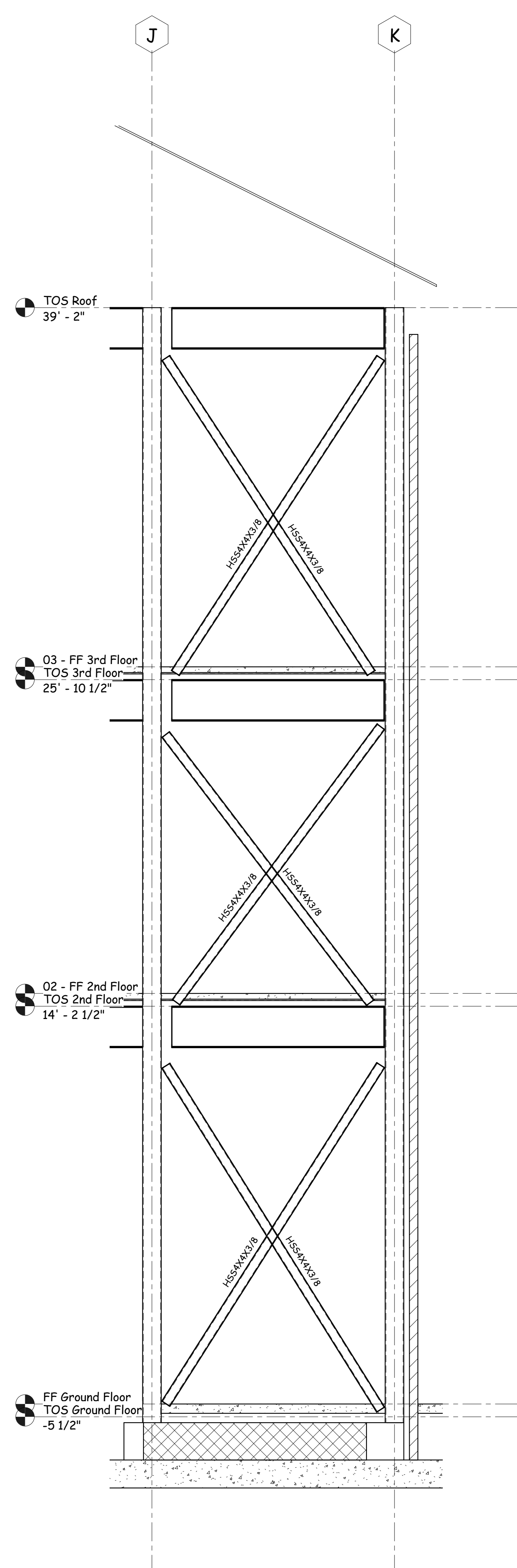
**Section 4**

3/8" = 1'-0"  
 NOTE: SEE SHEET S4.0 FOR TYPICAL X-BRACING CONNECTION DETAILS



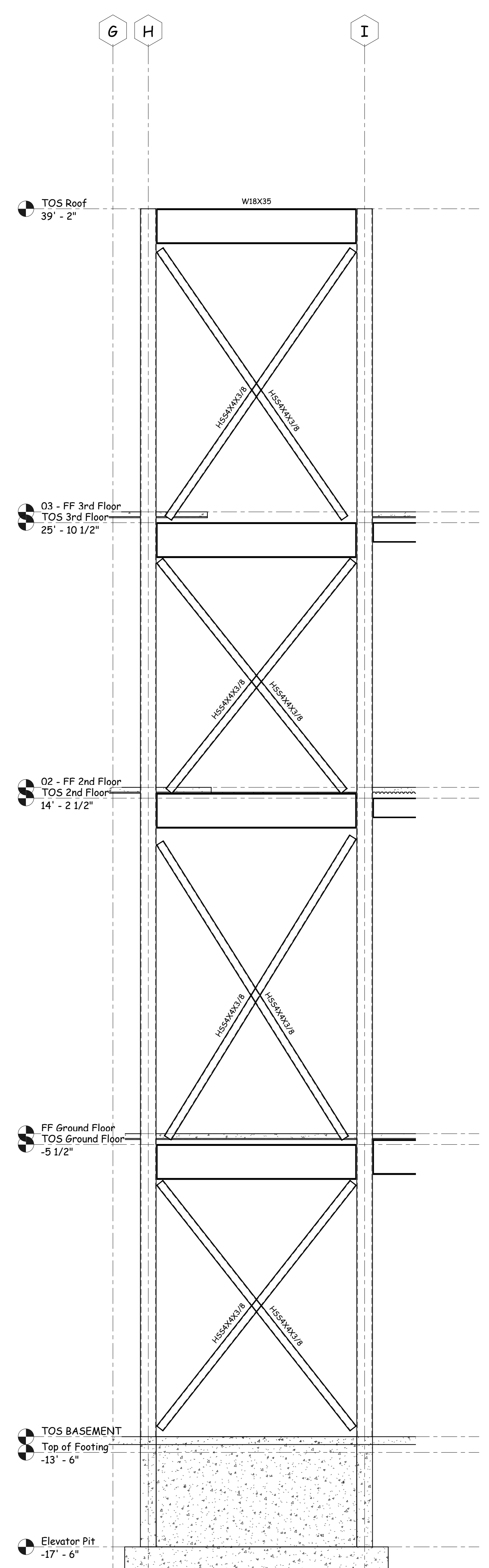
Copyright 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	
07-12-11	
DRAWN BY:	Author
X-Bracing Elevations	
SHEET NUMBER	S4.3



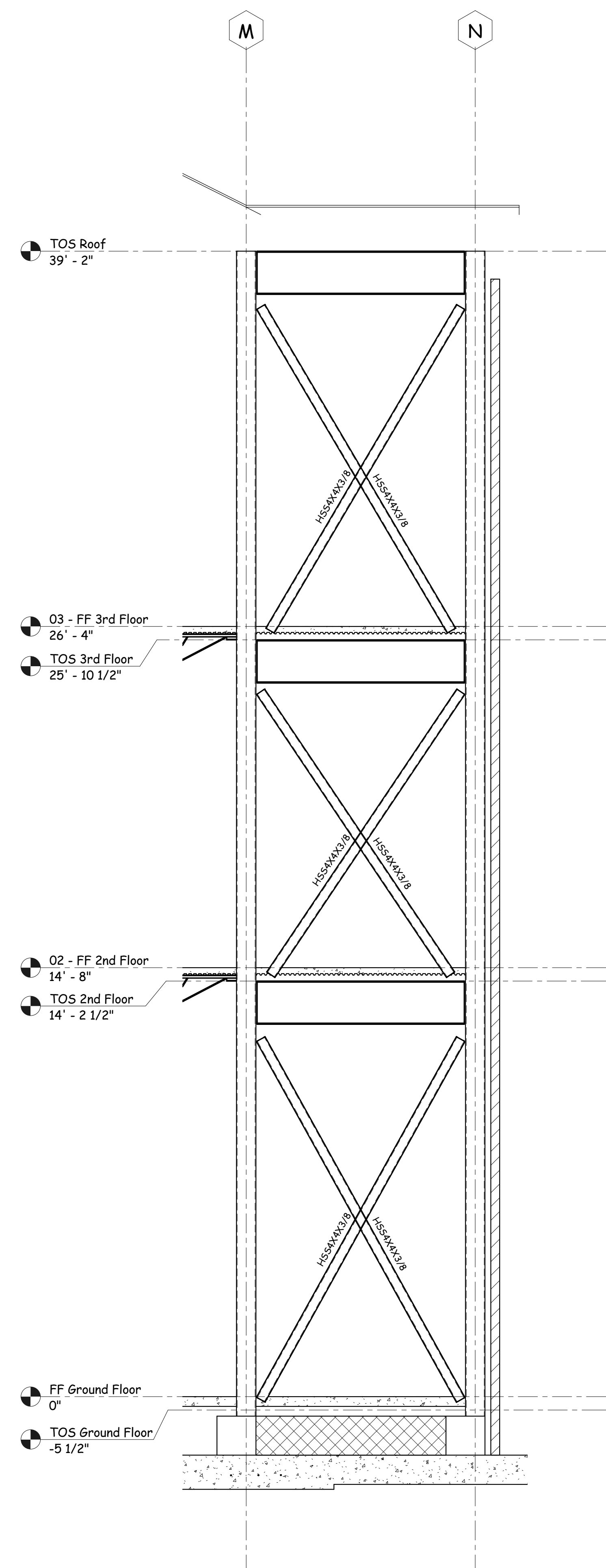
**Section 1**  
3/8" = 1'-0"

NOTE: SEE SHEET S4.0 FOR TYPICAL X-BRACE CONNECTION DETAILS



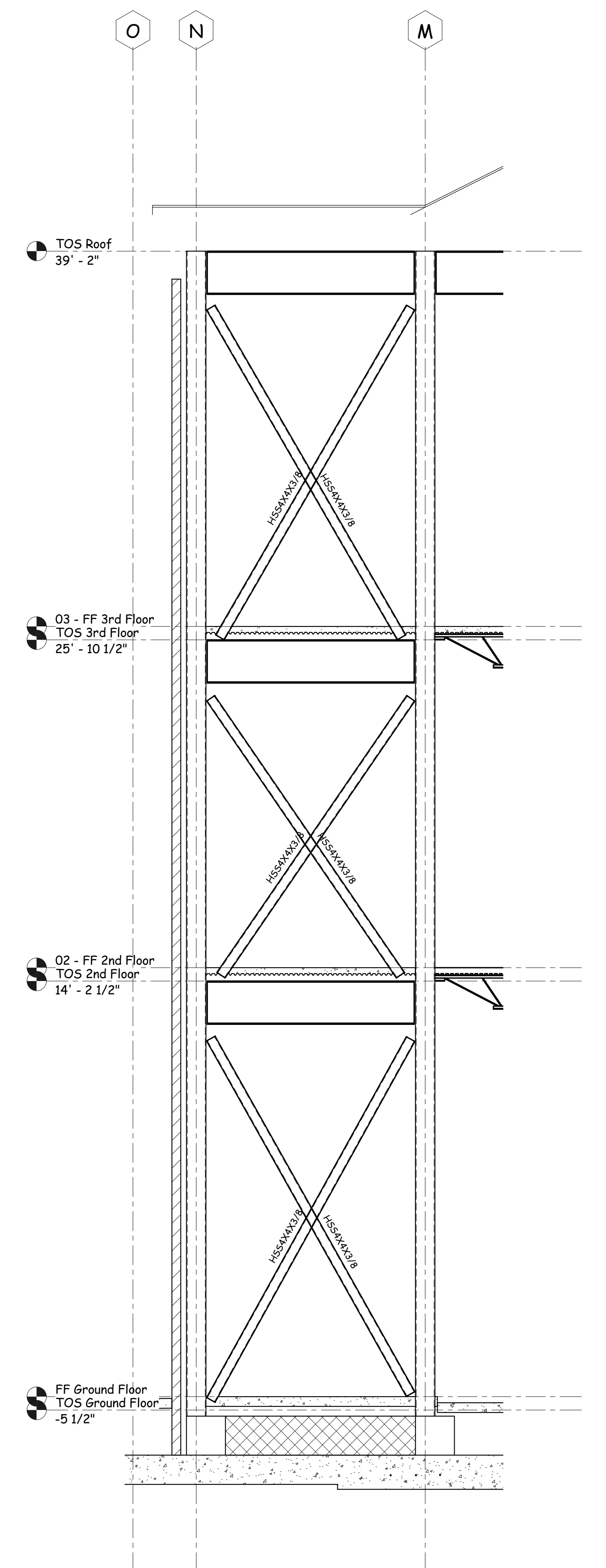
**Section 2**  
3/8" = 1'-0"

NOTE: SEE SHEET S4.0 FOR TYPICAL X-BRACE CONNECTION DETAILS



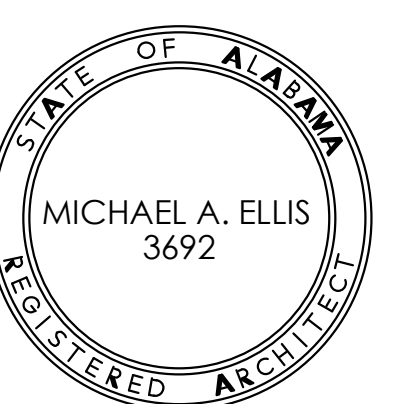
**Section 3**  
3/8" = 1'-0"

NOTE: SEE SHEET S4.0 FOR TYPICAL X-BRACE CONNECTION DETAILS



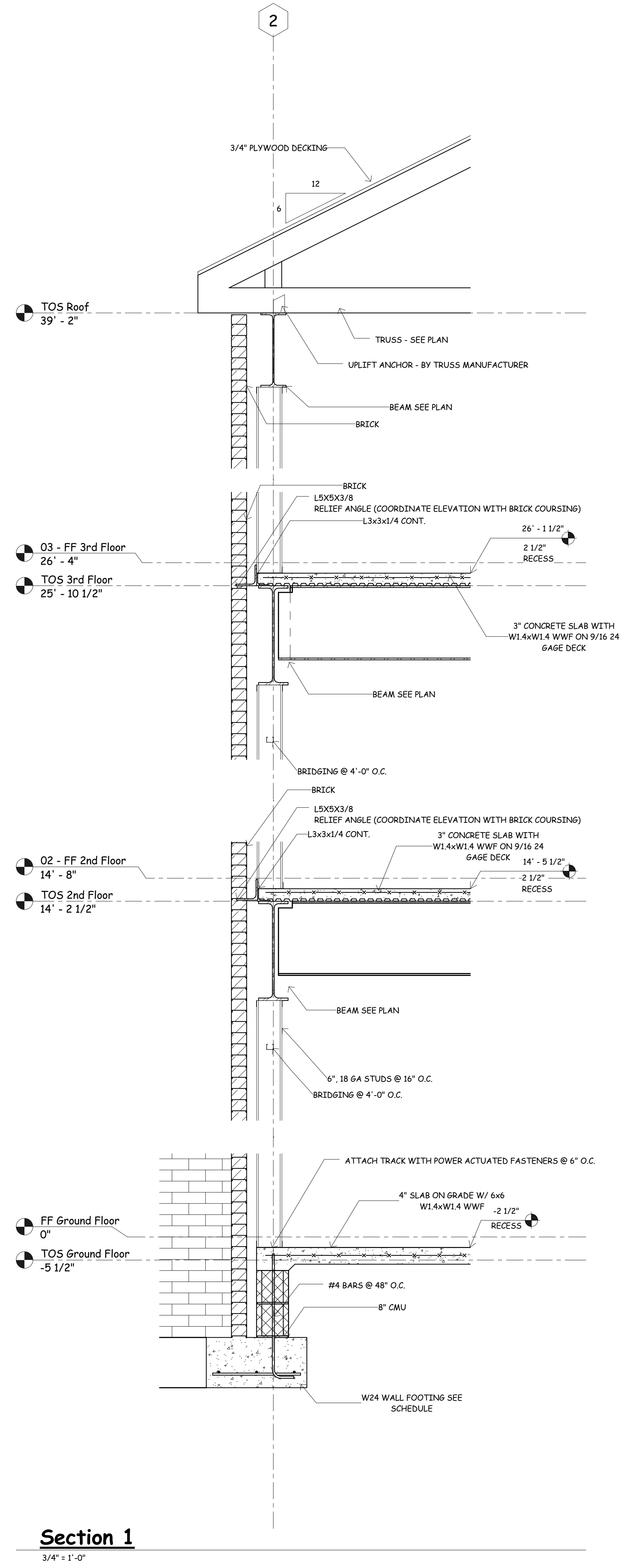
**Section 4**  
3/8" = 1'-0"

NOTE: SEE SHEET S4.0 FOR TYPICAL X-BRACE CONNECTION DETAILS

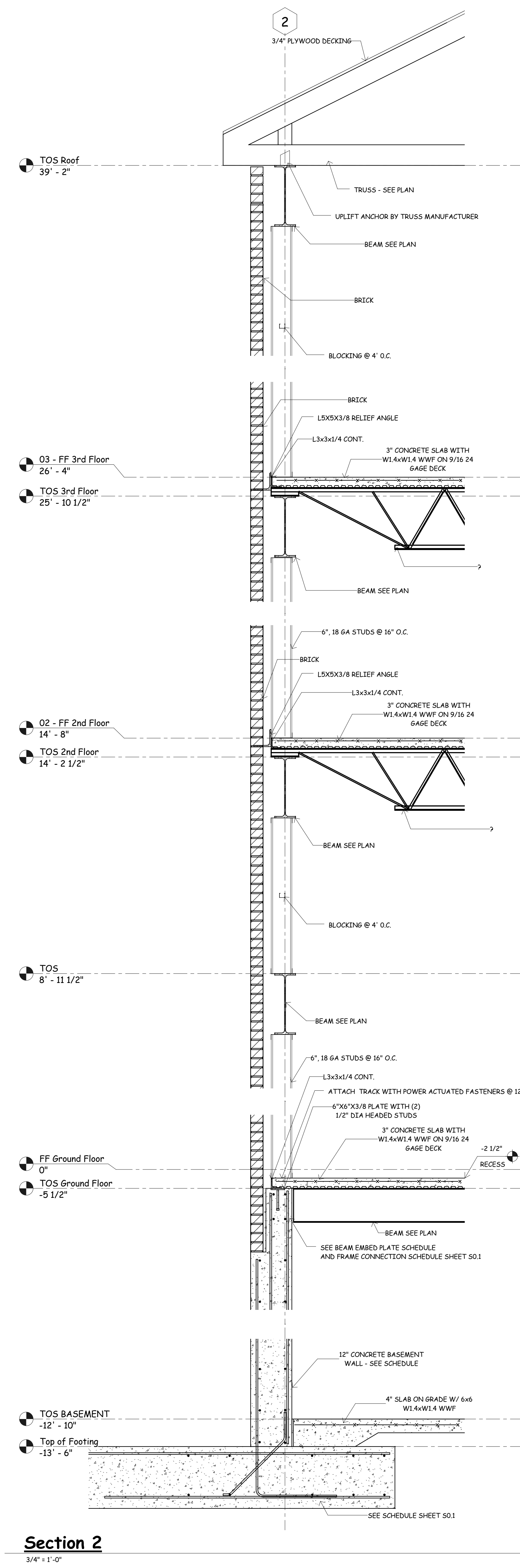


Copyright 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all  
 intellectual rights and ownership of  
 all information contained on these  
 documents. Ellis Architects, Inc.  
 and its consultants shall be  
 deemed the authors and owners of  
 their respective instruments of  
 Service and shall retain all common  
 law, statutory and other reserved  
 rights, including copyrights. This  
 document shall not be reproduced  
 without the written authorization of  
 Ellis Architects.  
 Do Not Scale From Drawings.  
 Contractor must verify all  
 dimensions prior to construction.

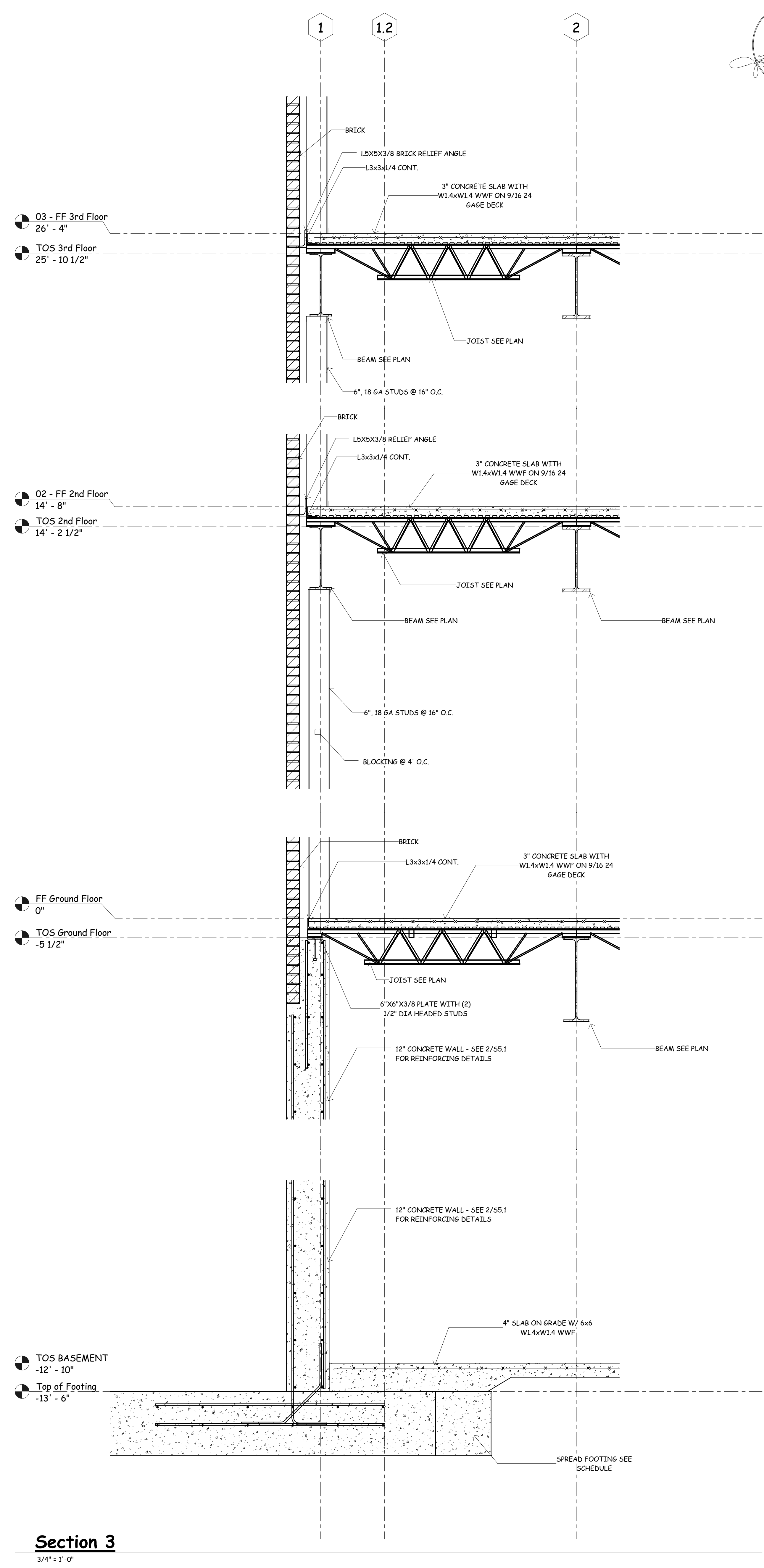
JOB No.	11006
DATE:	07-12-11
DRAWN BY:	JCW
Sections and Details	
SHEET NUMBER	S5.1



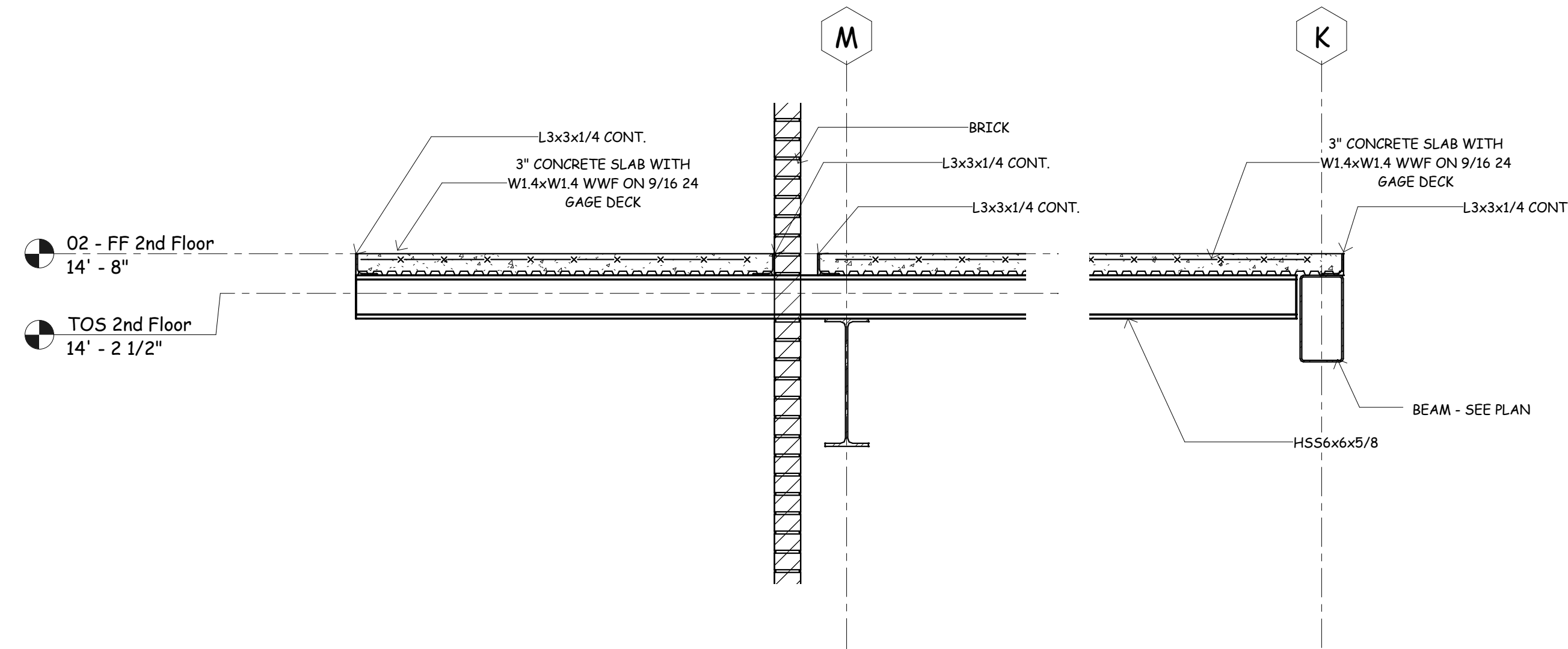
**Section 1**  
 3/4" = 1'-0"



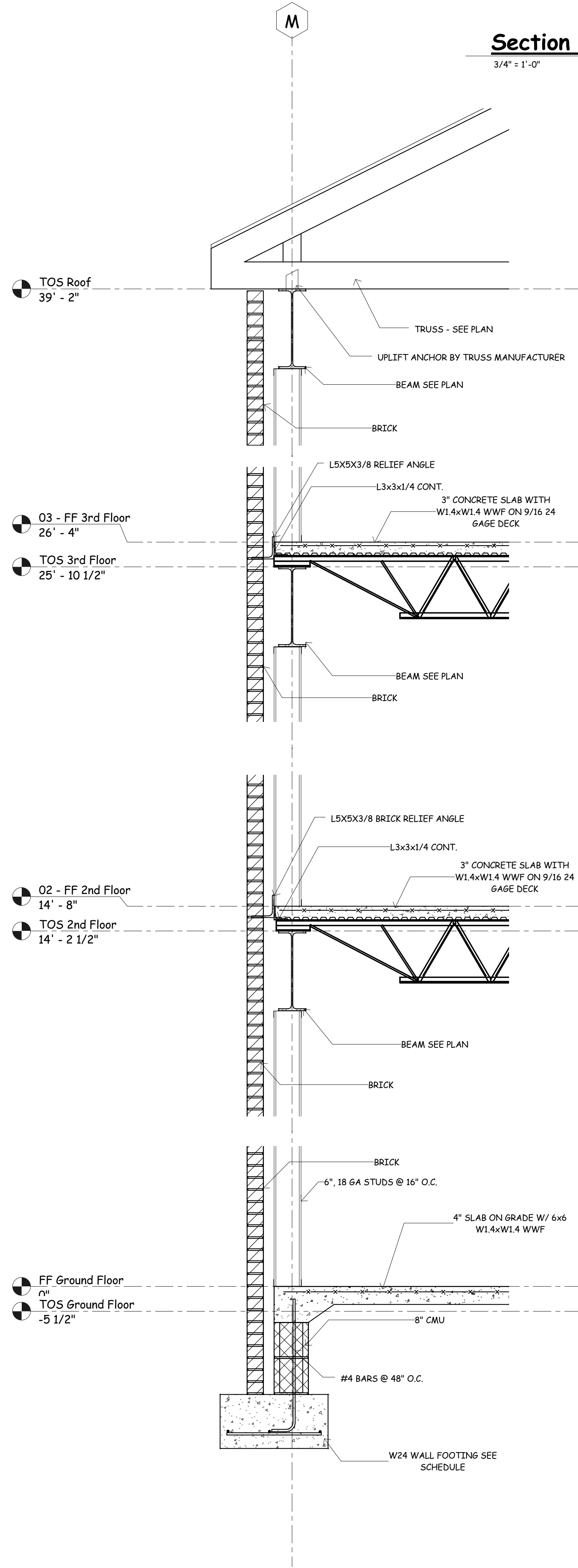
**Section 2**  
 3/4" = 1'-0"



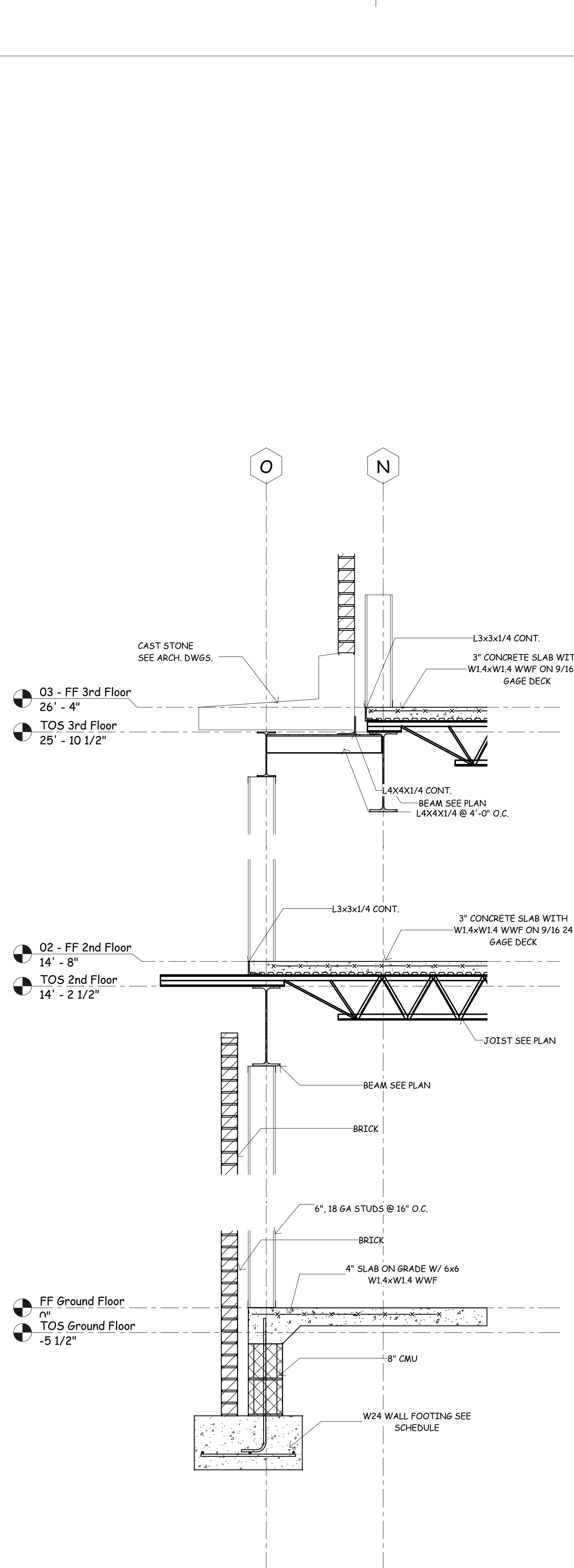
**Section 3**  
 3/4" = 1'-0"



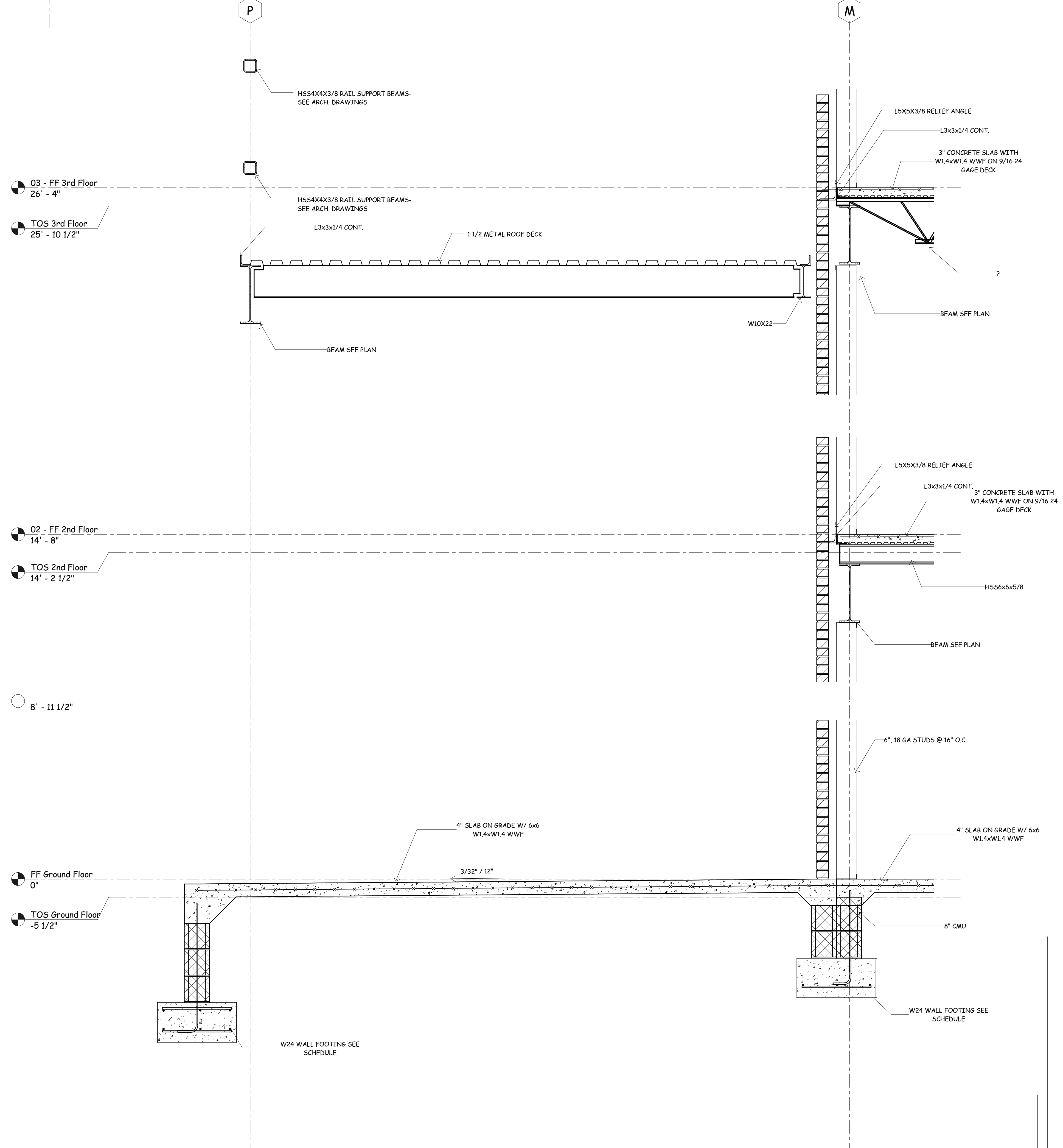
**Section 4**  
 3/4" = 1'-0"



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

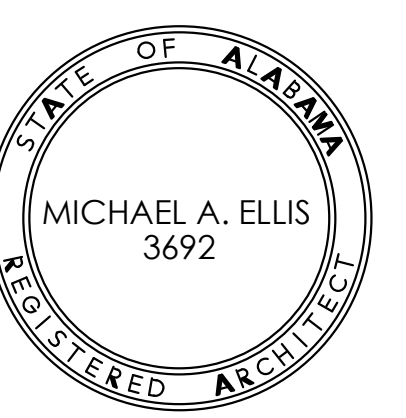


**Section 2**  
 3/4" = 1'-0"



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

New Sorority House For  
**BETA PSI CHAPTER OF  
 DELTA GAMMA**  
 THE UNIVERSITY OF ALABAMA - NO. 3831-10-277  
 Tuscaloosa, Alabama



Copyright 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all  
 intellectual rights and ownership of  
 all information contained on these  
 documents. Ellis Architects, Inc.,  
 and its consultants shall be  
 deemed the authors and owners of  
 their respective Instruments of  
 Service and shall retain all common  
 law, statutory and other reserved  
 rights, including copyrights. This  
 document shall not be reproduced  
 without the written authorization of  
 Ellis Architects.  
 Do Not Scale From Drawings.  
 Contractor must verify all  
 dimensions prior to construction.

JOB No.	11006
DATE:	07-12-11
DRAWN BY:	JCW
Sections and Details	
SHEET NUMBER	S5.2



Copyright 2011  
 Ellis Architects, Inc.

Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
 Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

JOB No. 11006

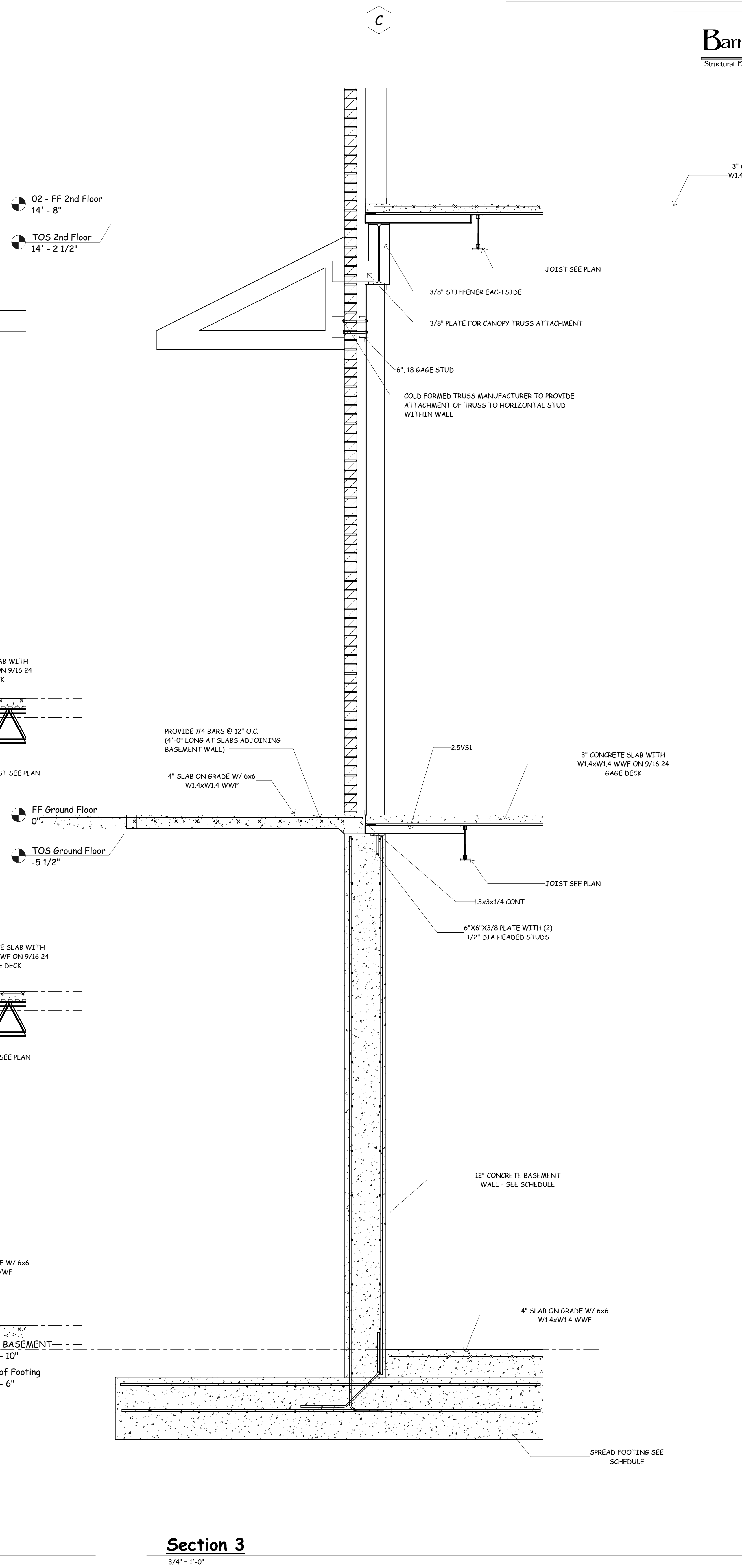
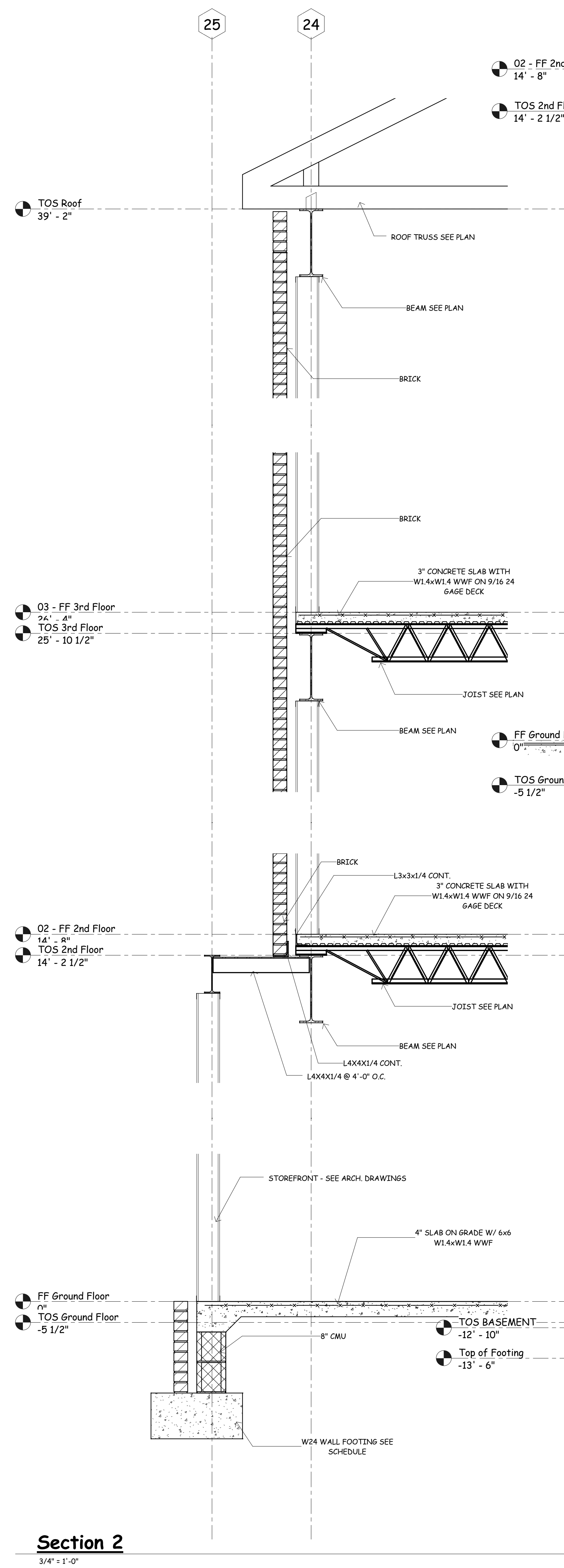
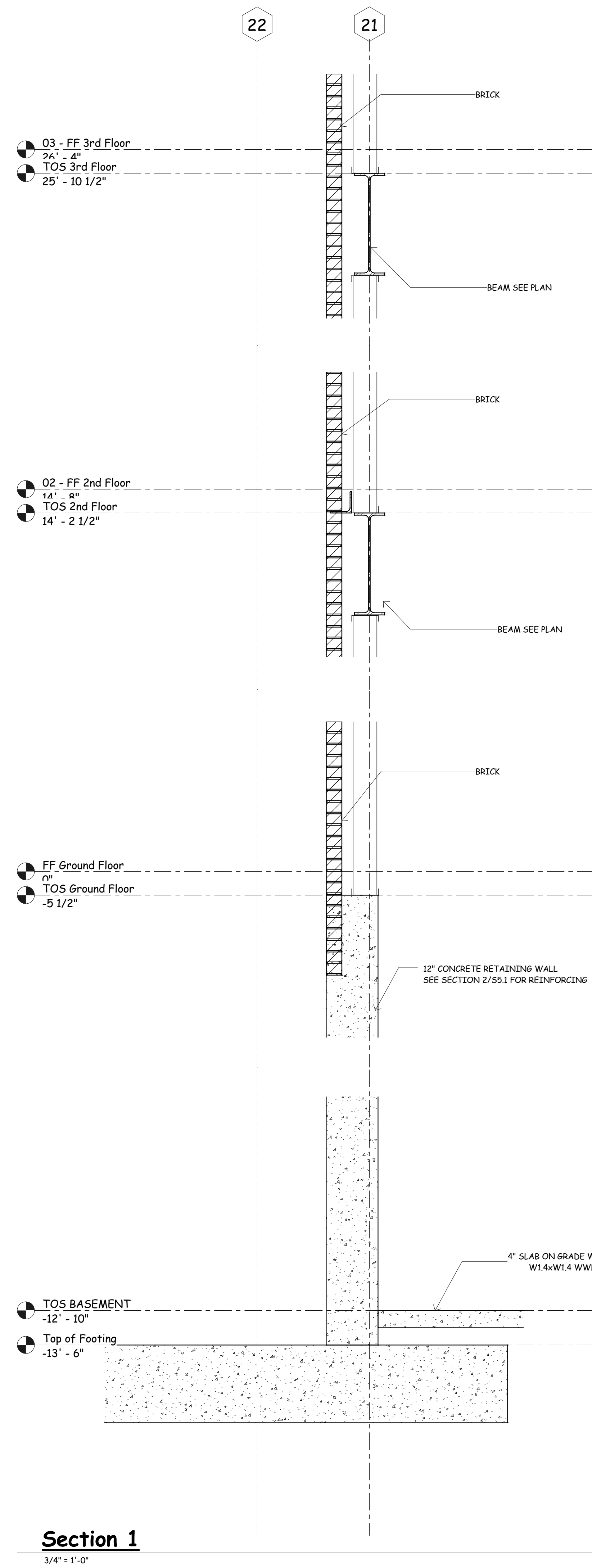
DATE:

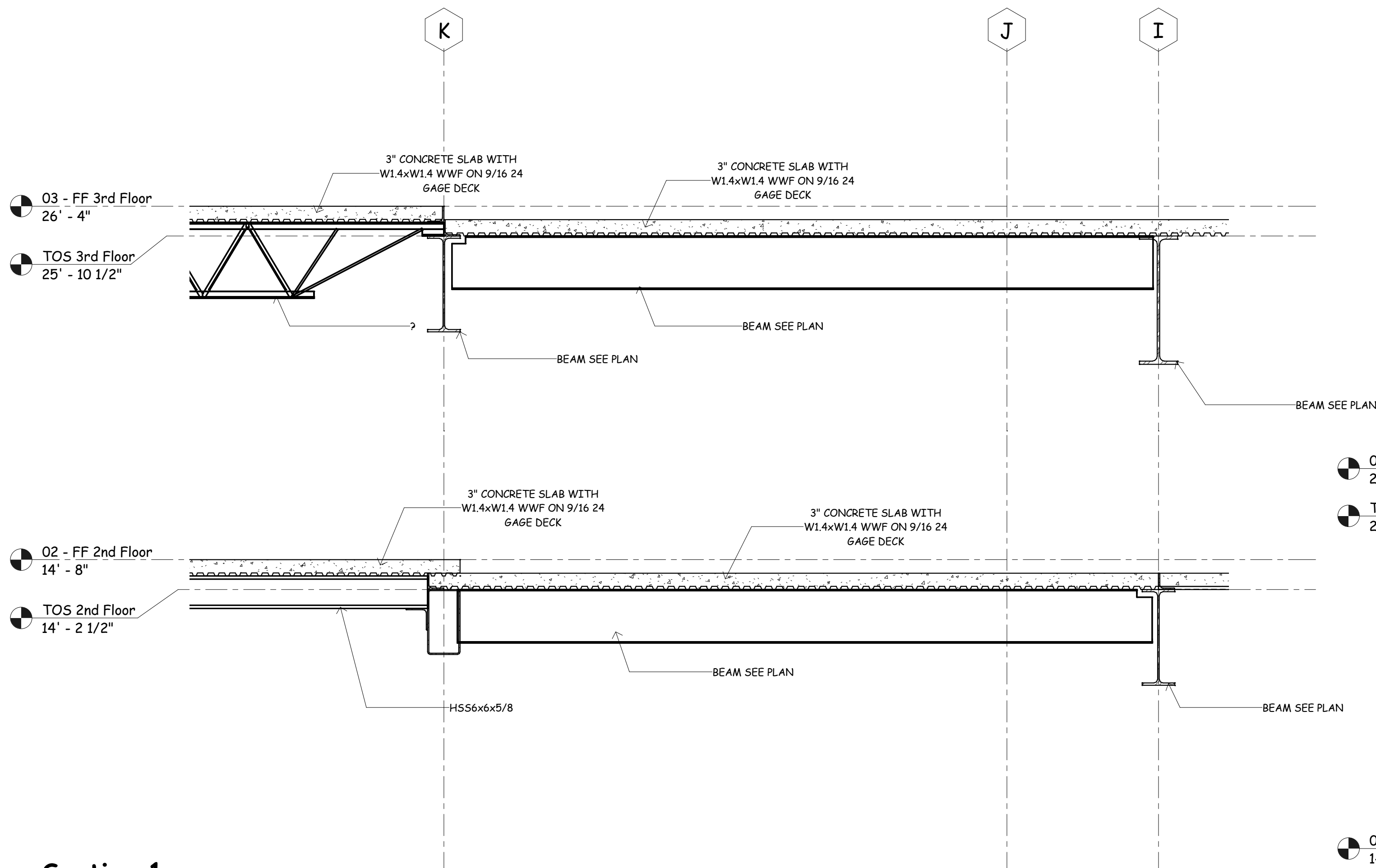
07-12-11

DRAWN BY: JCW

Sections and Details

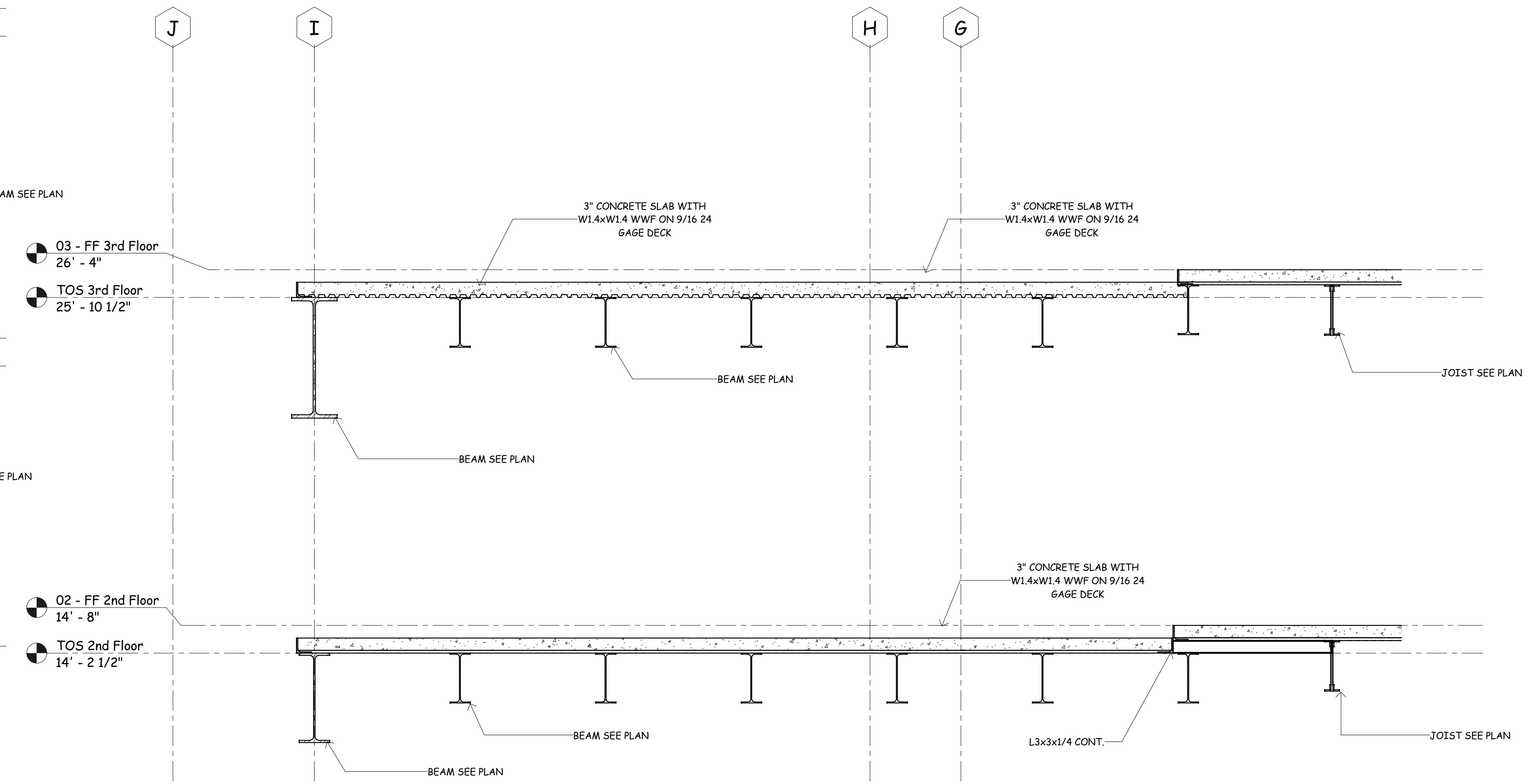
SHEET NUMBER S5.3





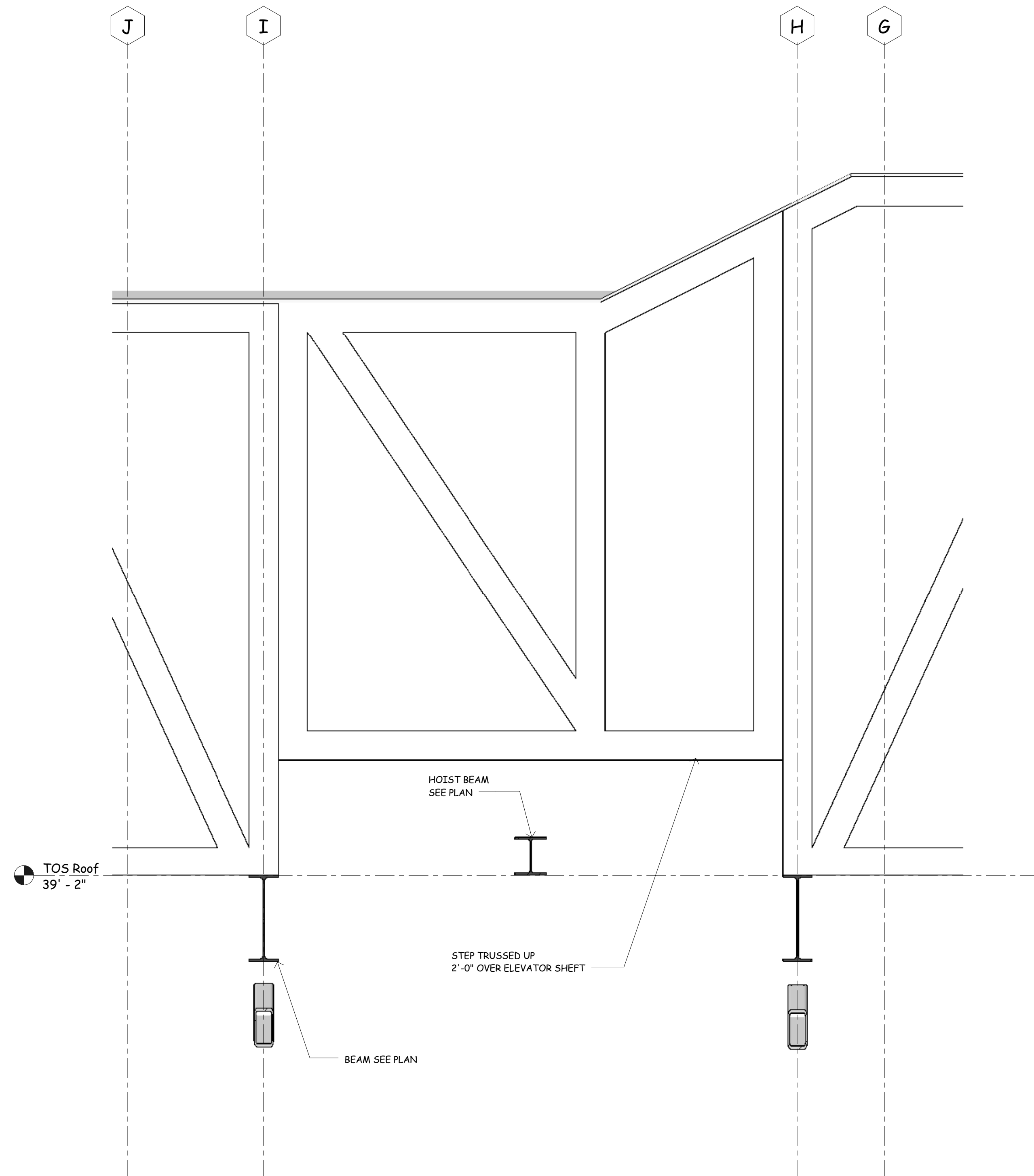
**Section 1**

3/4" = 1'-0"



**Section 2**

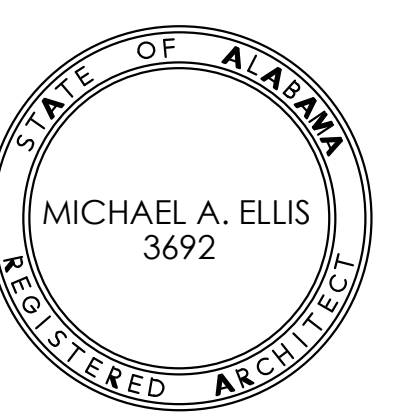
3/4" = 1'-0"



**Section 3**

3/4" = 1'-0"

New Sorority House For  
**BETA PSI CHAPTER OF  
 DELTA GAMMA**  
 THE UNIVERSITY OF ALABAMA - NO. 831-10-277  
 Tuscaloosa, Alabama



Copyright 2011  
 Ellis Architects, Inc.

Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.

Contractor must verify all dimensions prior to construction.

JOB No. **11006**

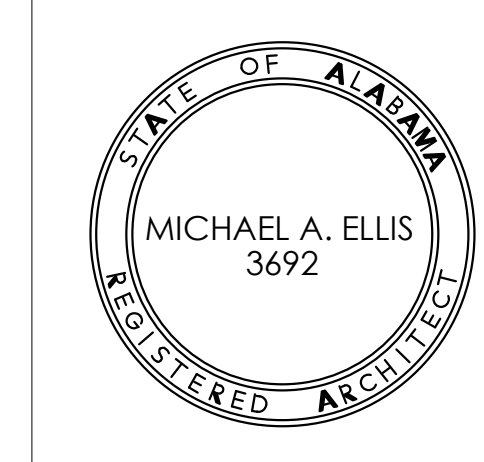
DATE: 07-12-11

DRAWN BY: JCW

Sections and Details

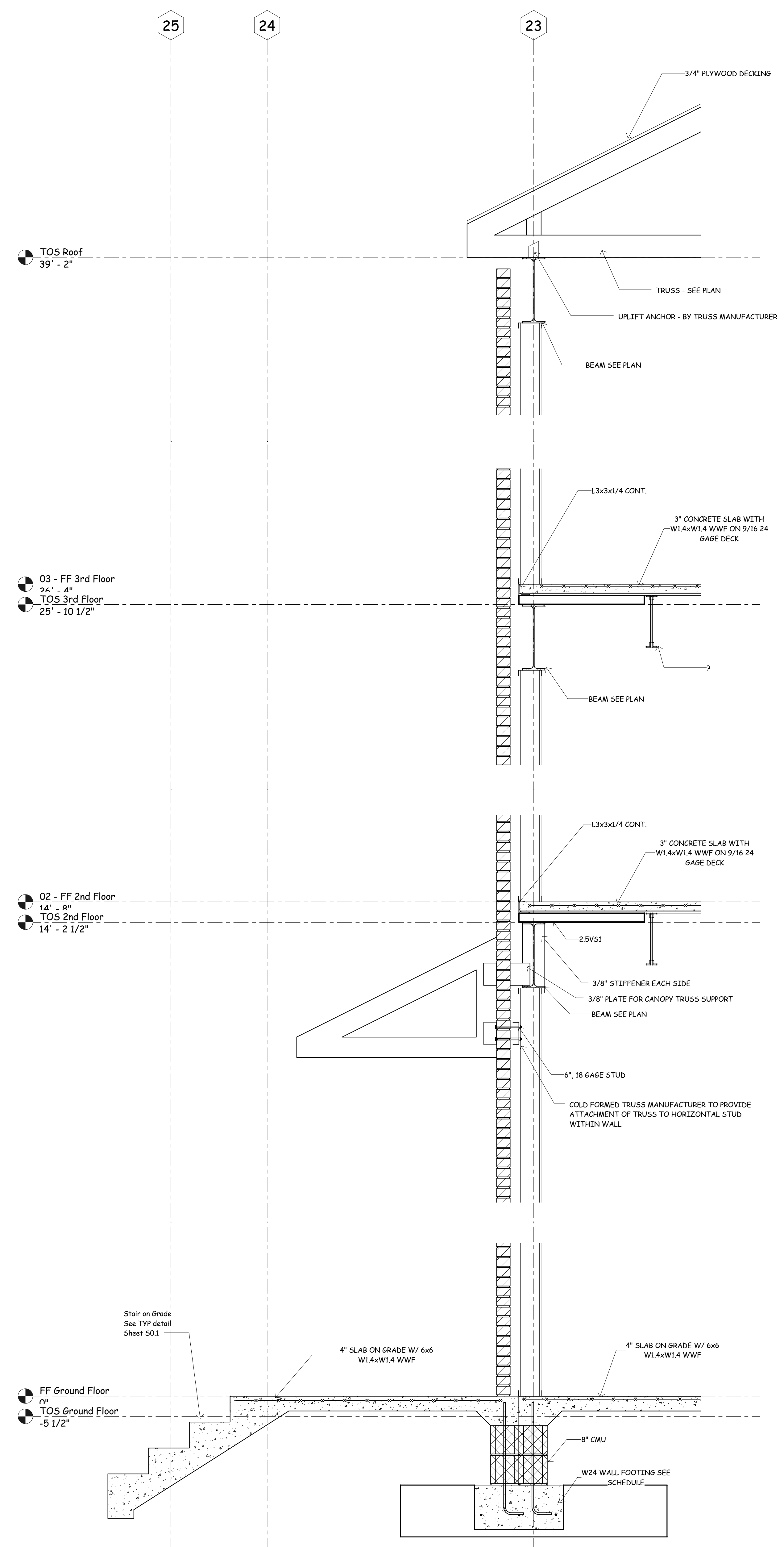
SHEET NUMBER **S5.4**



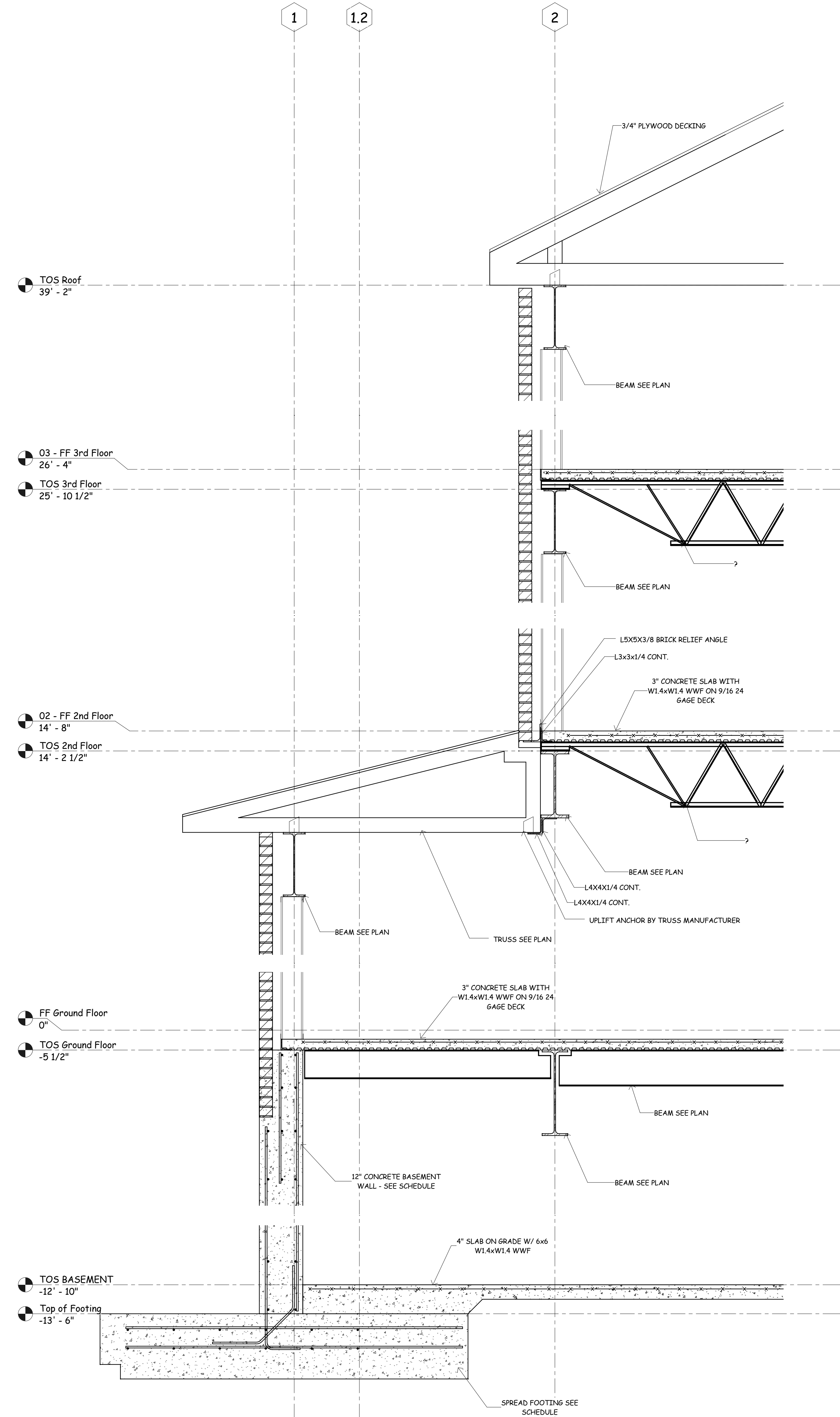


Copyright 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
 Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

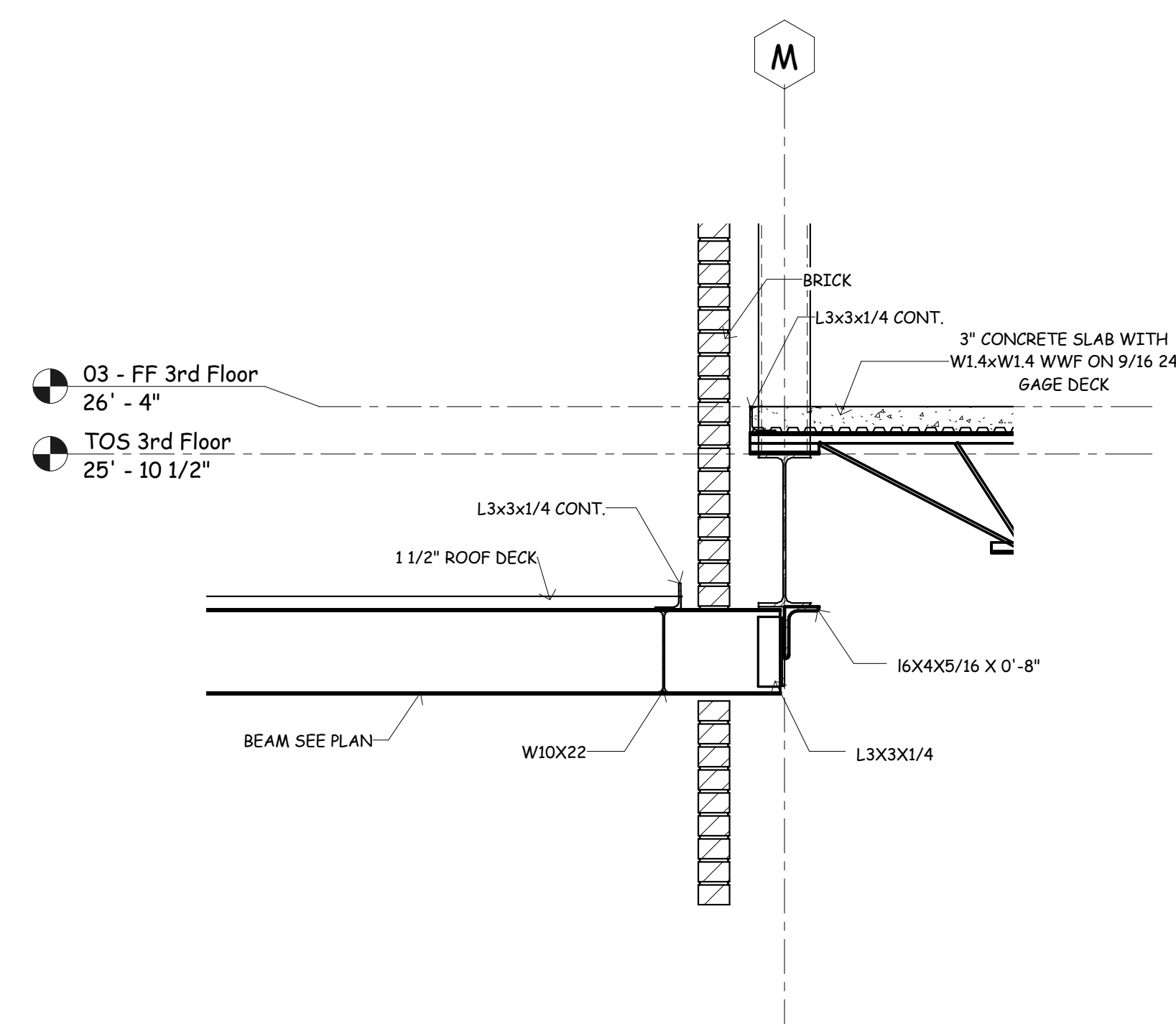
JOB No.	11006
DATE:	07-12-11
DRAWN BY:	JCW
Sections and Details	
SHEET NUMBER	S5.5



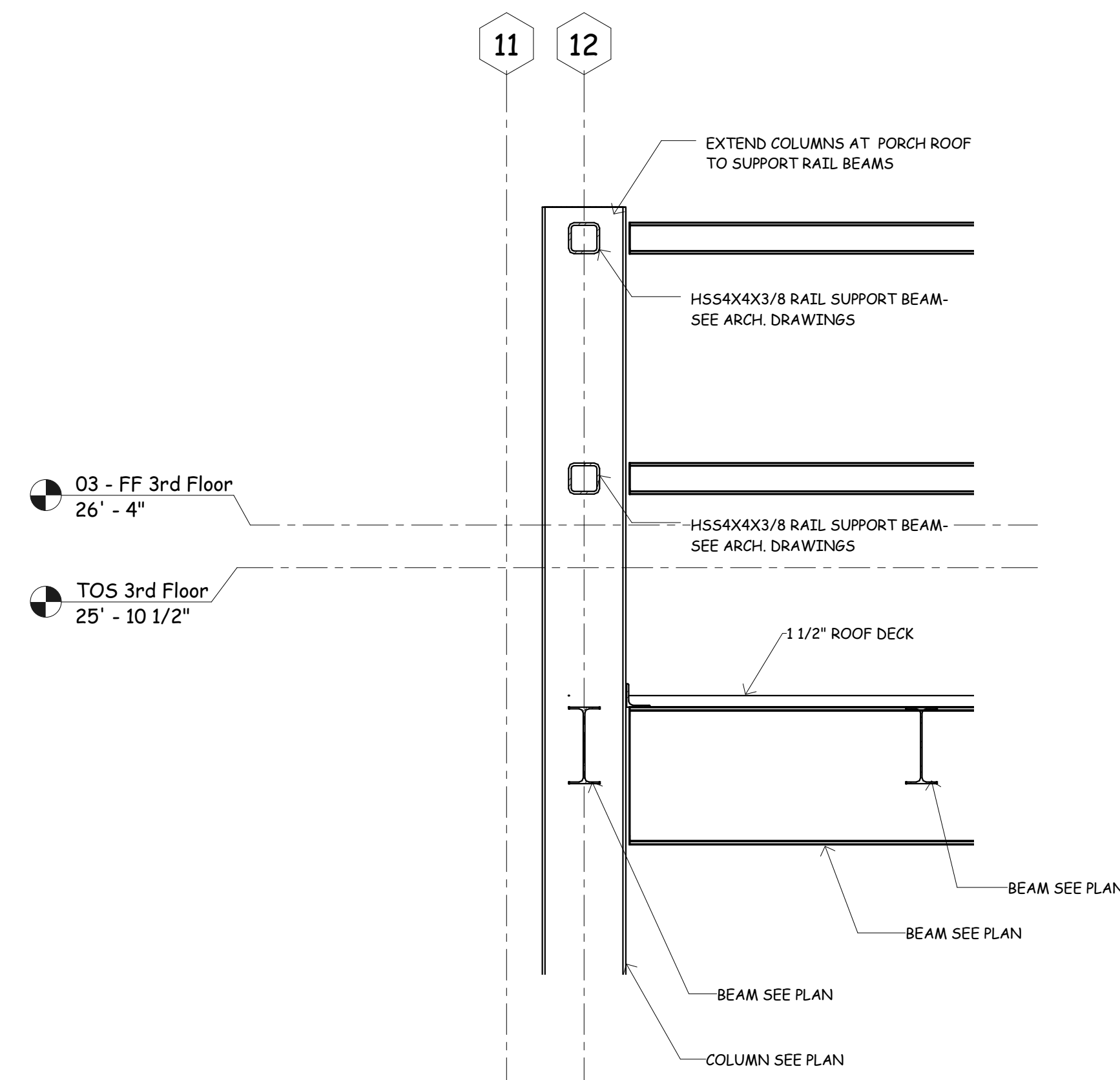
**Section 1**  
 3/4" = 1'-0"



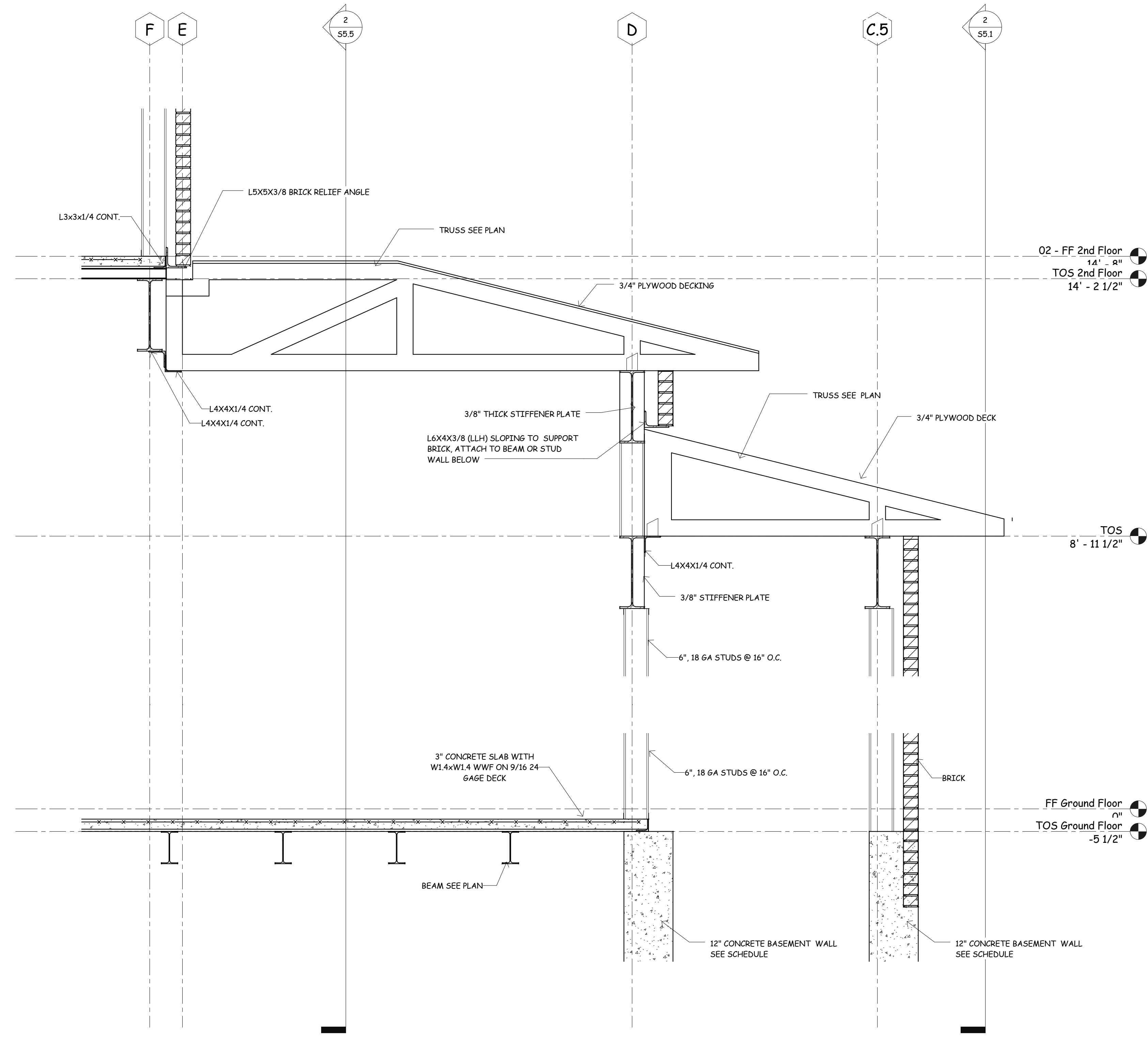
**Section 2**  
 3/4" = 1'-0"



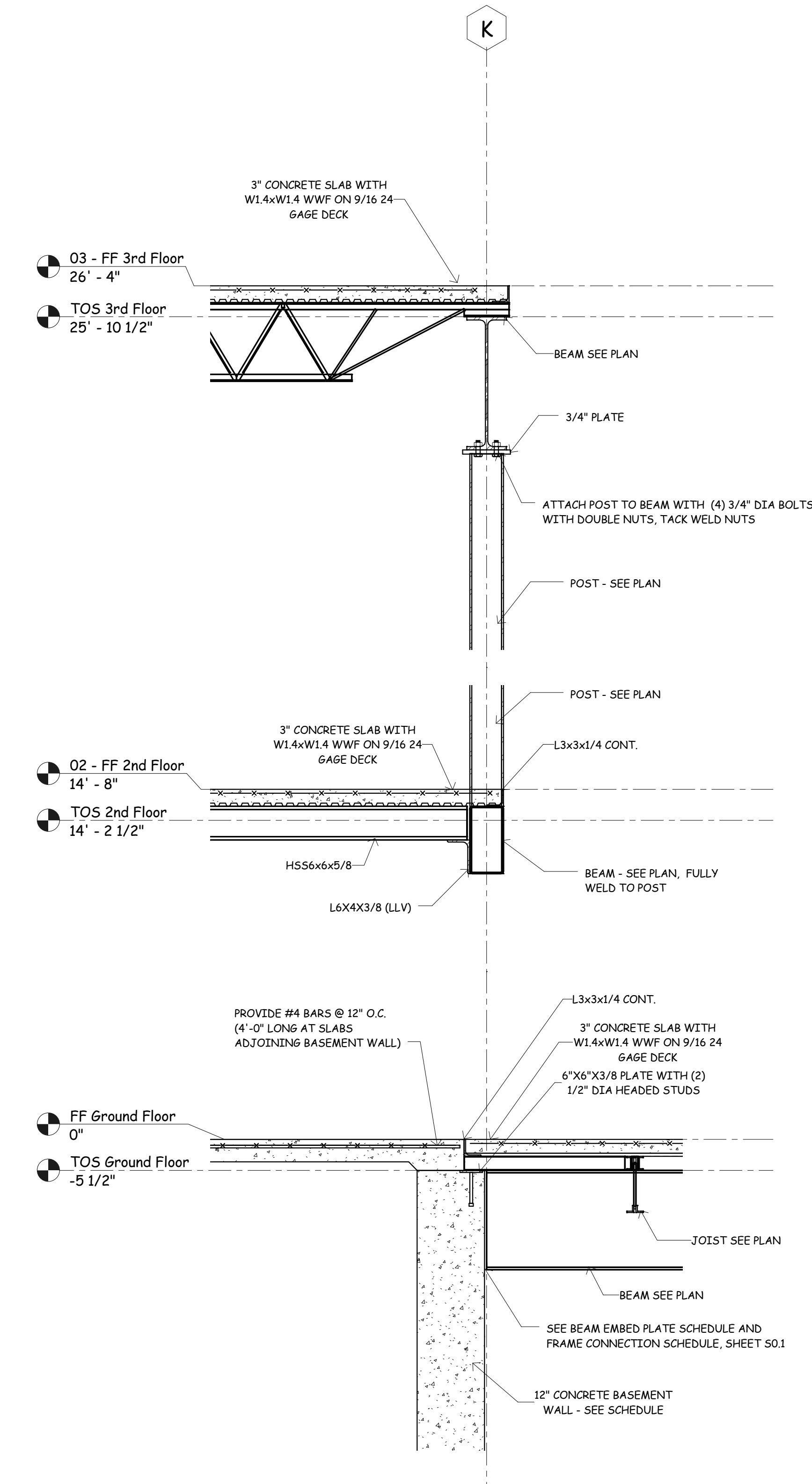
**Section 2**  
 3/4" = 1'-0"



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

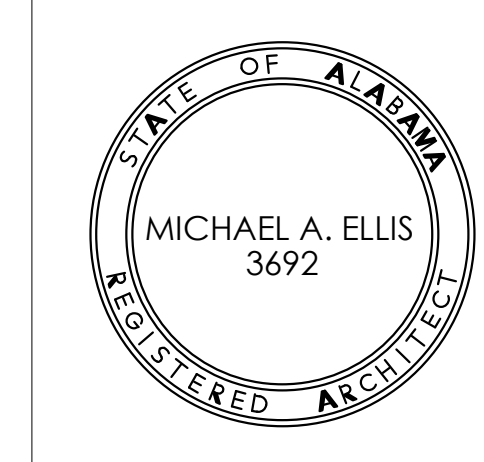


**Section 1**  
 3/4" = 1'-0"



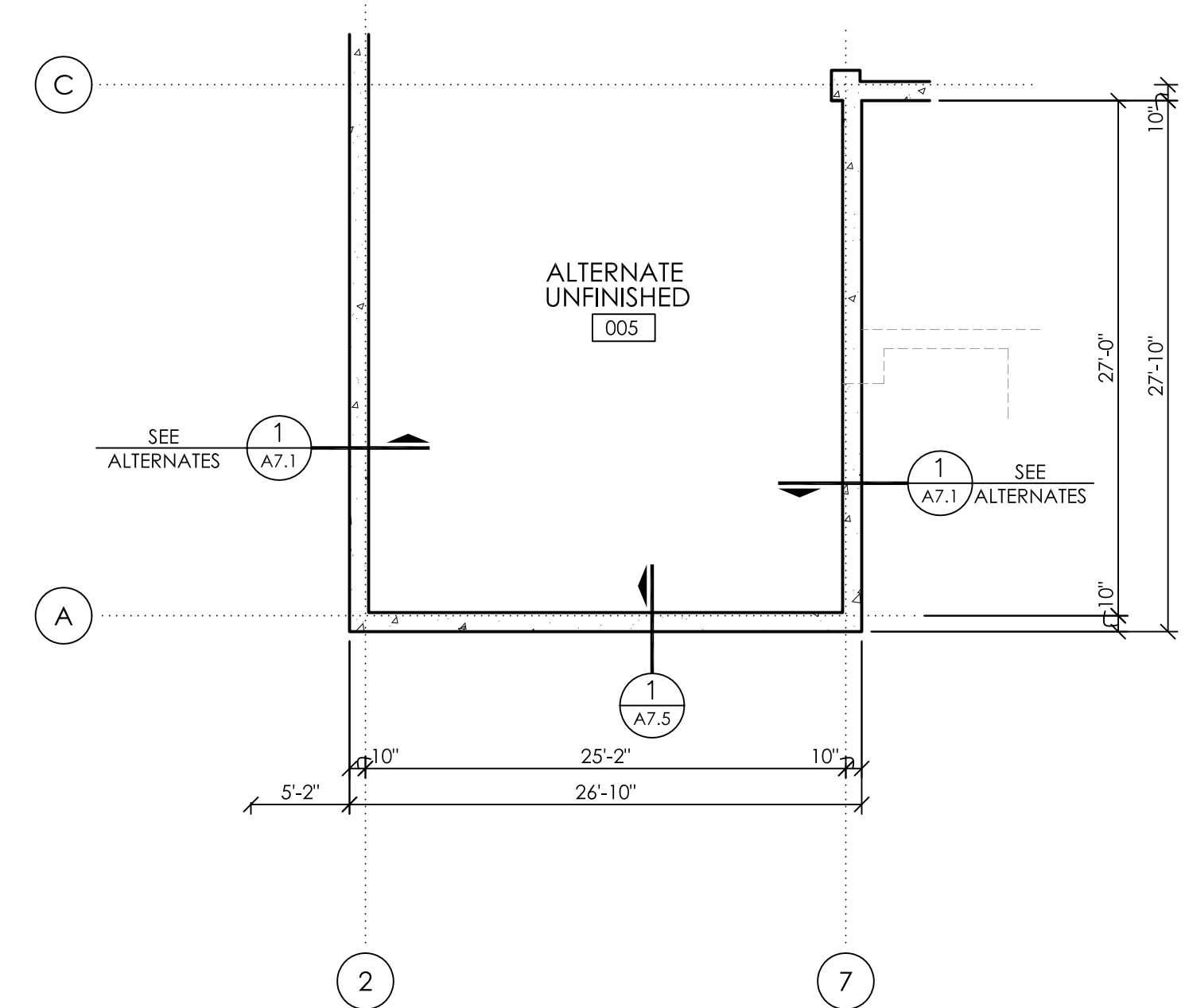
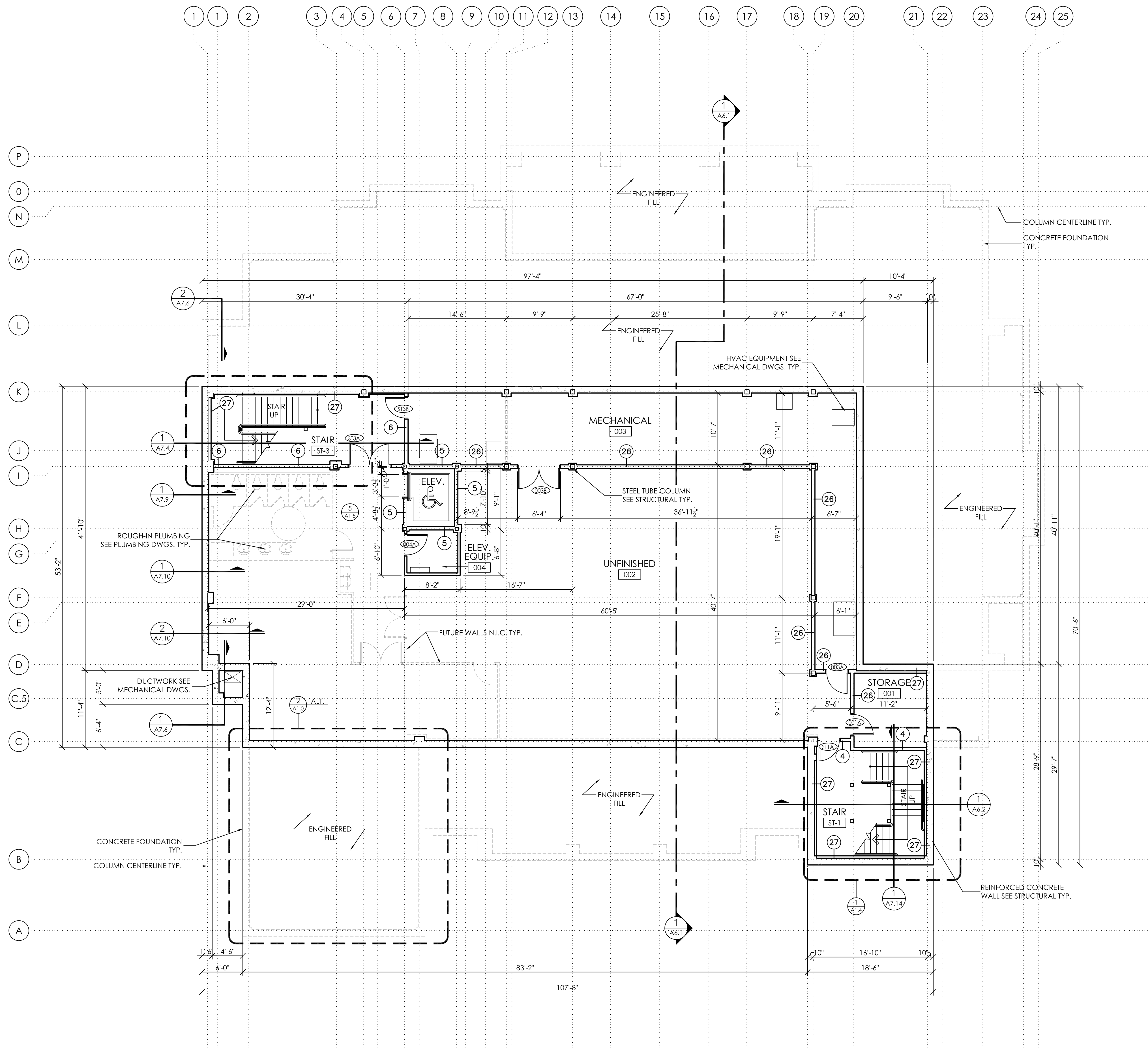
**Section 3**  
 3/4" = 1'-0"

New Sorority House For  
**BETA PSI CHAPTER OF DELTA GAMMA**  
 THE UNIVERSITY OF ALABAMA - NO. 831-10-277  
 Tuscaloosa, Alabama

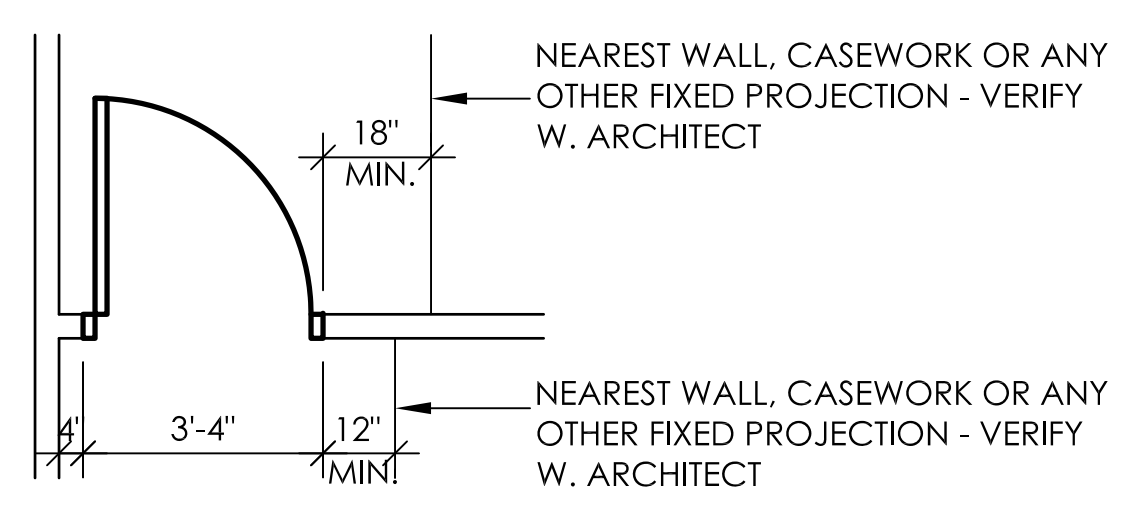


Copyright 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
 Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	07-12-11
DRAWN BY:	Author
Sections and Details	
SHEET NUMBER	S5.6



**2**  
**A1.0**  
 ALTERNATE (PARTIAL)  
 BASEMENT FLOOR PLAN  
 1/8" = 1'-0"



**3**  
**A1.0**  
 TYPICAL DOOR LOCATION  
 & CLEARANCES (U.N.O.)  
 No Scale ALL FLOORS  
 ALL LOCATIONS

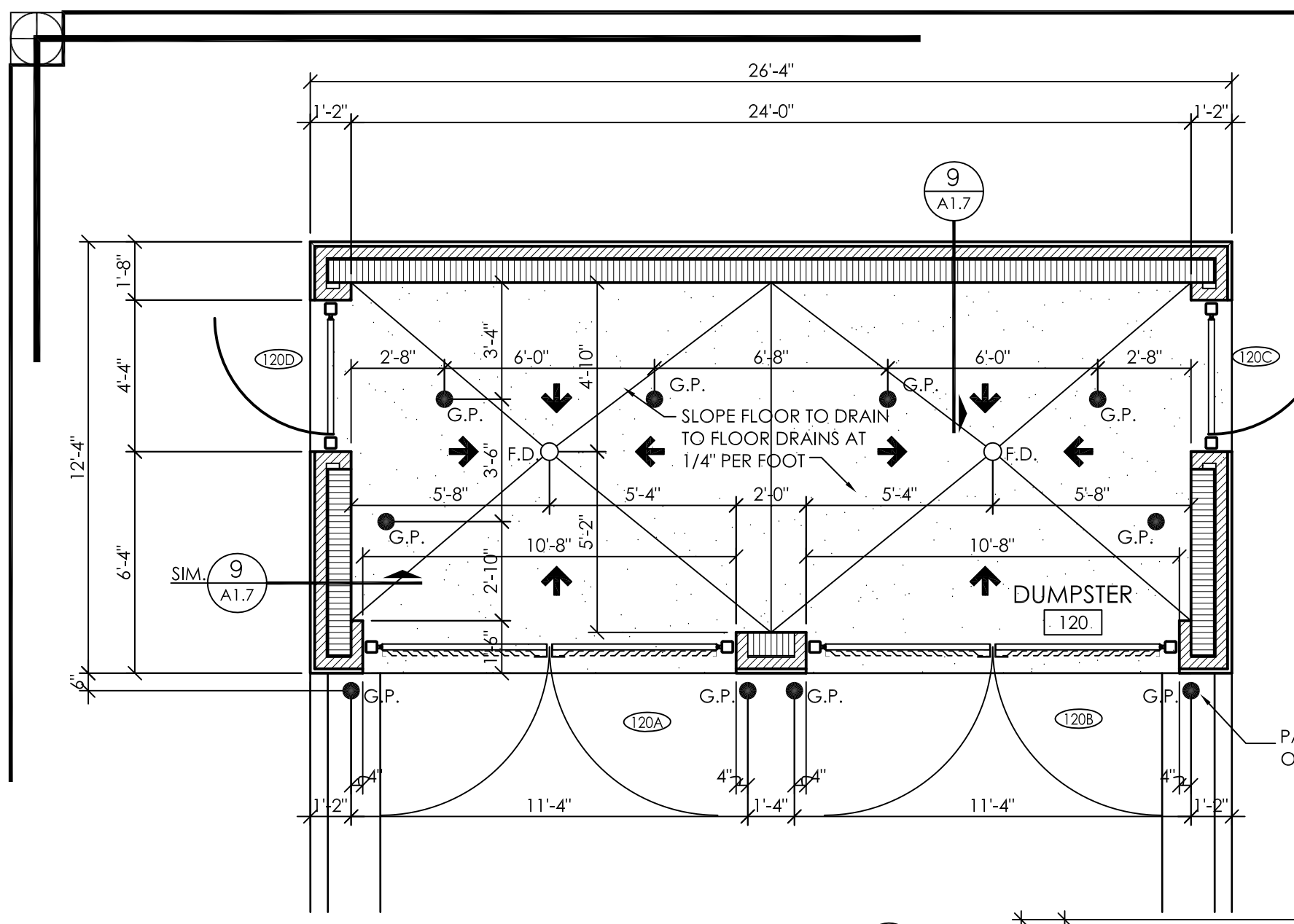
**1**  
**A1.0**  
 BASEMENT FLOOR PLAN  
 1/8" = 1'-0"

**WALL TYPE LEGEND**

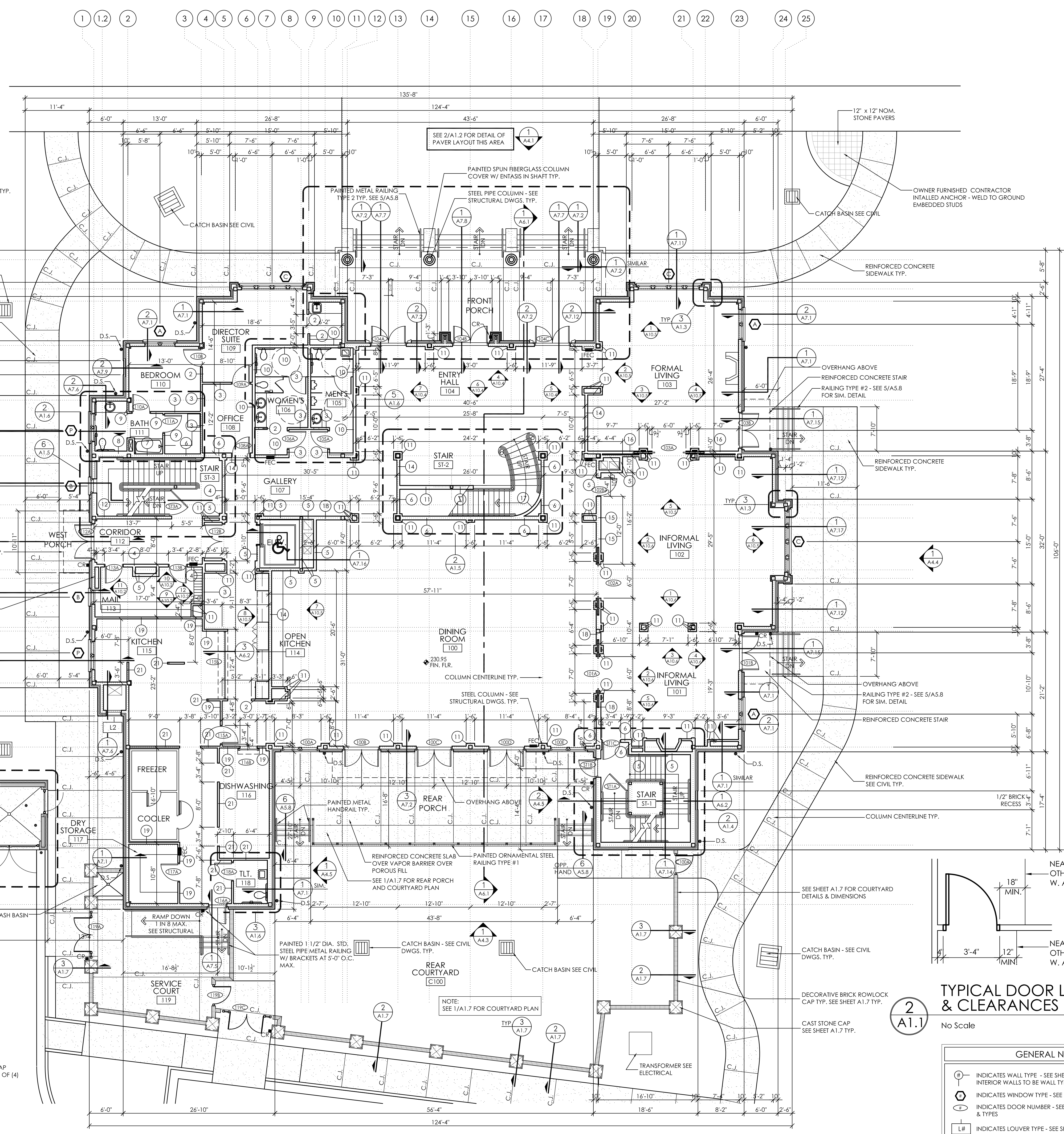
	INDICATES STUD WALL - SEE WALL TYPE SHEETS FOR SIZE & SPACING. INTERIOR WALLS TO BE TYPE 1 UNLESS NOTED OTHERWISE.
	REINFORCED CONCRETE WALL - SEE STRUCTURAL DWGS.
	INDICATES 6" STUD WALL WITH BRICK VENEER - SEE WALL SECTIONS FOR CONSTRUCTION DETAILS

**GENERAL NOTES**

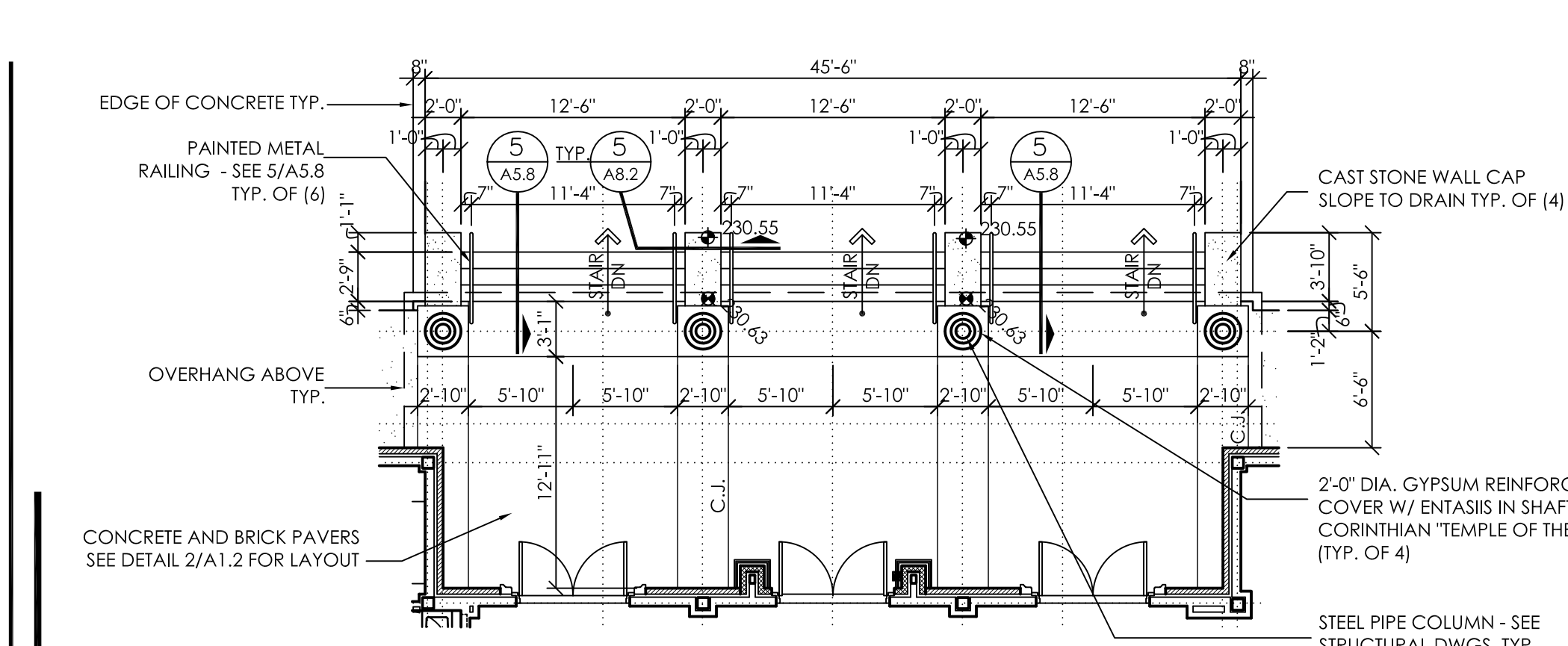
	INDICATES WALL TYPE - SEE SHEETS A1.8 AND A1.9 FOR WALL TYPES INTERIOR WALLS TO BE WALL TYPE 1 UNLESS NOTED OTHERWISE.
	INDICATES WINDOW TYPE - SEE SHEET A5.3 FOR WINDOW SCHEDULE
	INDICATES DOOR NUMBER - SEE SHEET A5.1 FOR DOOR SCHEDULE & TYPES
	INDICATES LOUVER TYPE - SEE SHEET A5.3 FOR LOUVER TYPES
	SEMI-RECESSED FIRE EXTINGUISHER CABINET - SEE LS1.1
	SECURITY CARD READER - SEE ELECTRICAL DWGS.
	D.S. = DOWNSPOUT - PRE-FINISHED METAL INTO CAST IRON DOWNSPOUT BOOT
	O.F.C.I. = OWNER FURNISHED, GENERAL CONTRACTOR INSTALLED.
	G.P. = (GUARDPOST), PAINTED 6" DIA. GUARD POST TO BE 6'-0" LONG W/ 3'-0" EMBEDDED & 3'-0" PROJECTED.
	UNLESS NOTED OTHERWISE, ALL STEEL COLUMNS SHALL RECEIVE A MINIMUM 7/8" HAT CHANNEL AND 5/8" GYPSPUM BOARD AT ALL EXPOSED INTERIOR SIDES. NO STEEL SHALL BE LEFT EXPOSED.
	PROVIDE STAINLESS STEEL PANELS AT WALLS ABOVE ALL MOP SINKS. PANELS SHALL EXTEND A MINIMUM OF 3 FEET ABOVE SINK.



**3 ENLARGED DUMPSTER ENCLOSURE PLAN**  
1/4" = 1'-0"



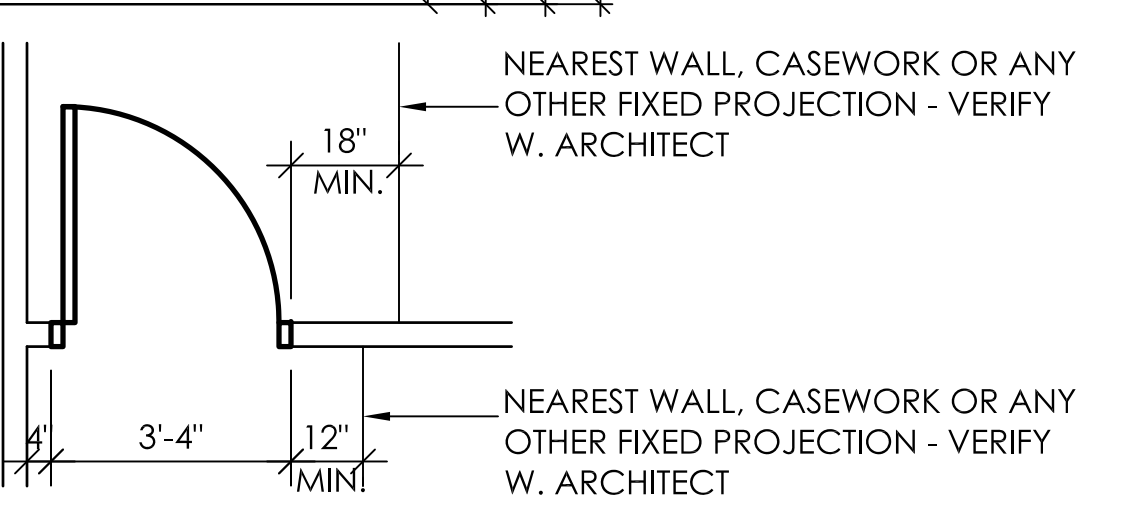
**1 FIRST FLOOR PLAN**  
1/8" = 1'-0"



**4 FRONT PORCH DETAIL**  
1/8" = 1'-0"

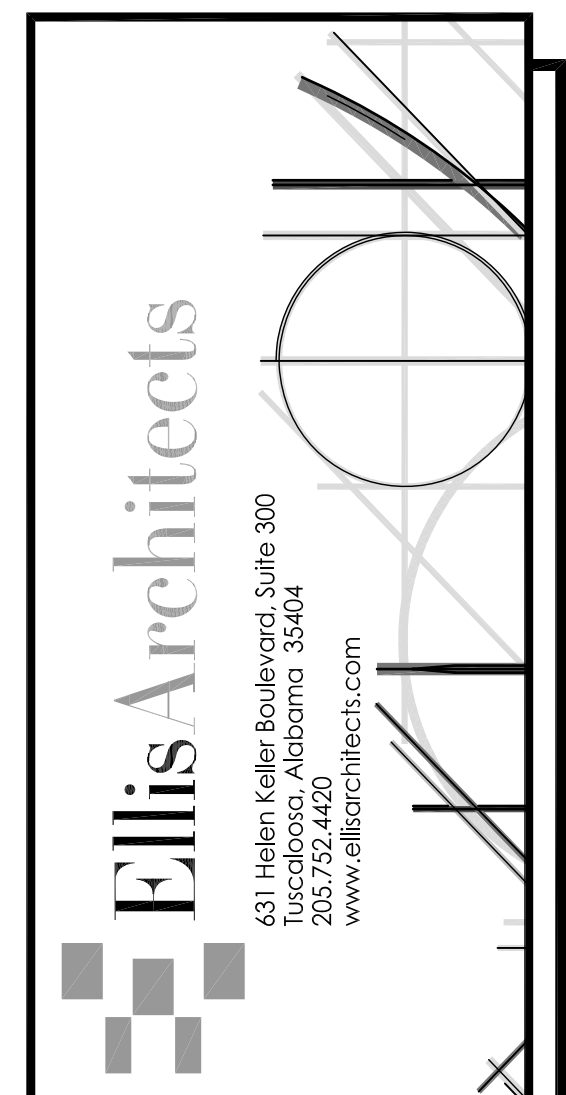
**WALL TYPE LEGEND**

- INDICATES STUD WALL - SEE WALL TYPE SHEETS FOR SIZE & SPACING. INTERIOR WALLS TO BE TYPE 1 UNLESS NOTED OTHERWISE.
- REINFORCED CONCRETE WALL - SEE STRUCTURAL DWGS.
- INDICATES 6" STUD WALL WITH BRICK VENEER - SEE WALL SECTIONS FOR CONSTRUCTION DETAILS.

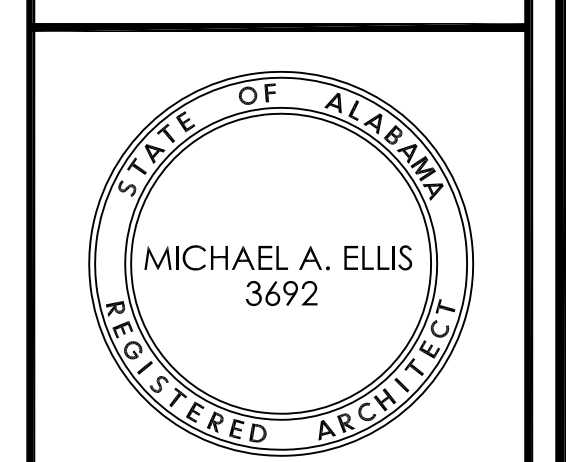


**2 TYPICAL DOOR LOCATION & CLEARANCES (U.N.O.)**  
No Scale

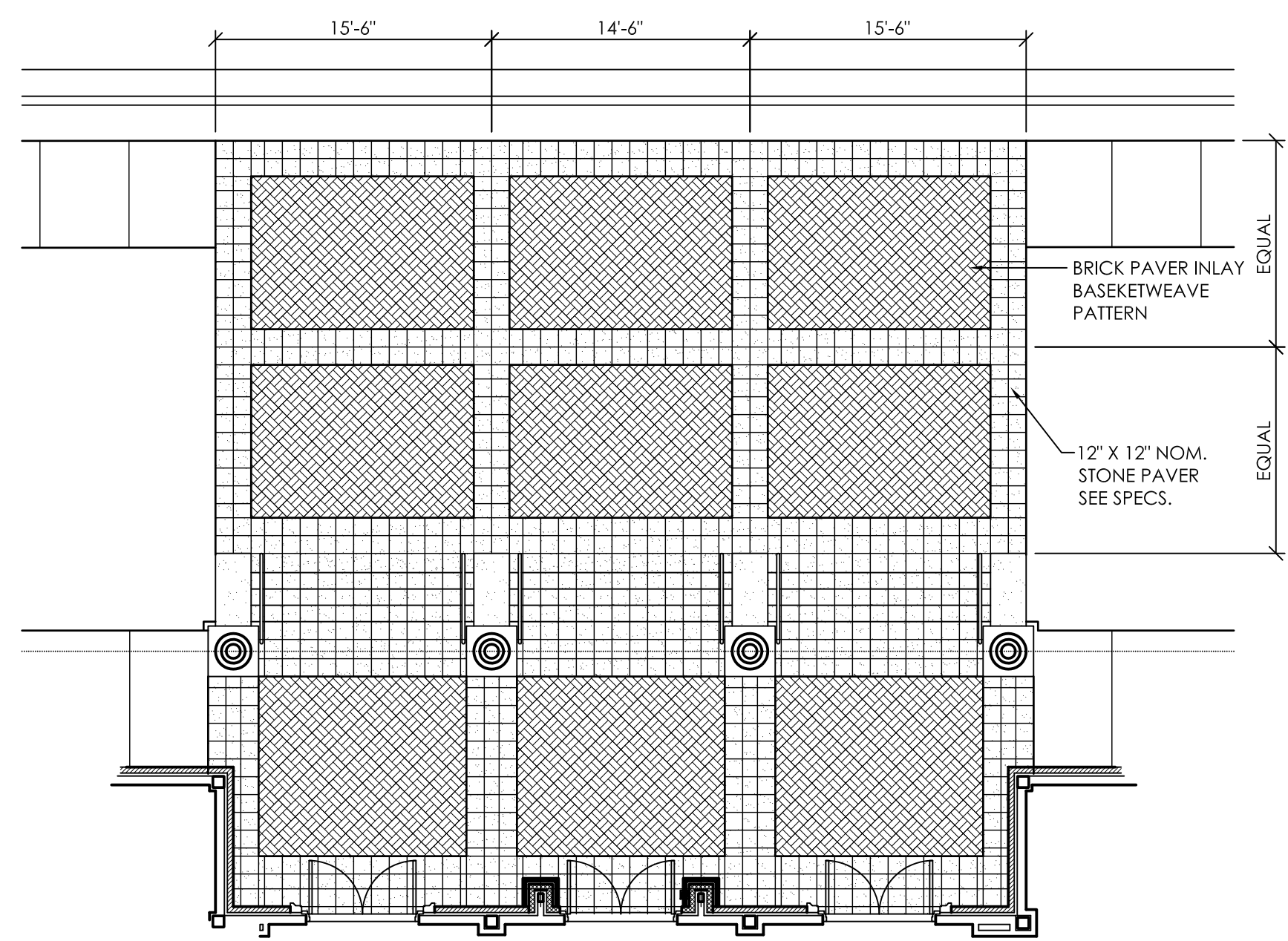
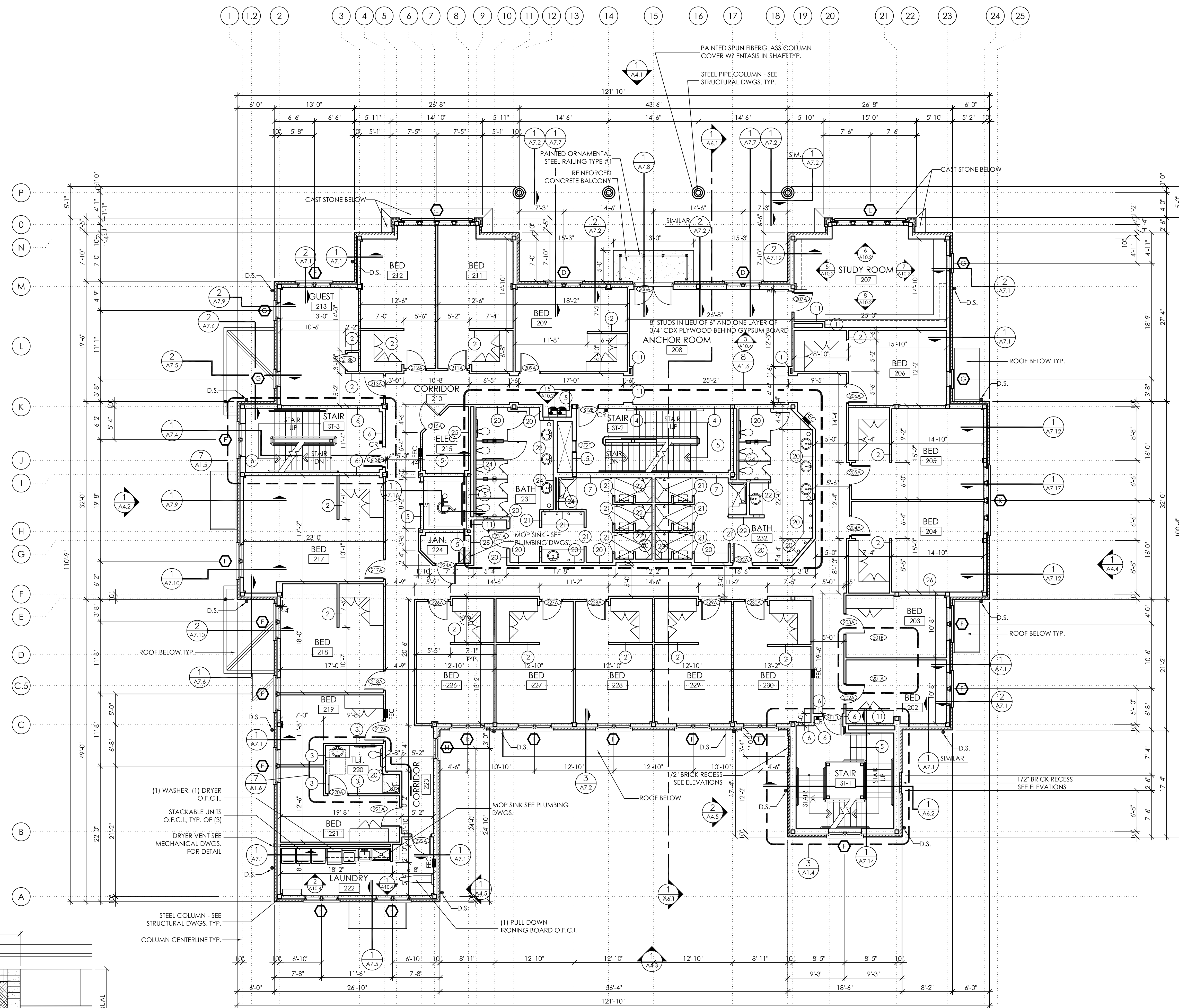
- GENERAL NOTES**
- INDICATES WALL TYPE - SEE SHEETS A1.8 AND A1.9 FOR WALL TYPES. INTERIOR WALLS TO BE WALL TYPE 1 UNLESS NOTED OTHERWISE.
  - INDICATES WINDOW TYPE - SEE SHEET A5.3 FOR WINDOW SCHEDULE.
  - INDICATES DOOR NUMBER - SEE SHEET A5.1 FOR DOOR SCHEDULE & TYPES.
  - INDICATES LOUVER TYPE - SEE SHEET A5.3 FOR LOUVER TYPES.
  - SEMI-RECESSED FIRE EXTINGUISHER CABINET - SEE LS1.1.
  - SECURITY CARD READER - SEE ELECTRICAL DWGS.
  - D.S. = DOWNSPOUT - PRE-FINISHED METAL INTO CAST IRON DOWNSPOUT BOOT.
  - O.F.C.I. = OWNER FURNISHED. GENERAL CONTRACTOR INSTALLED.
  - G.P. = (GUARDPOST), PAINTED 6" DIA. GUARD POST TO BE 6'-0" LONG W/ 3'-0" EMBEDDED & 3'-0" PROJECTED.
  - UNLESS NOTED OTHERWISE, ALL STEEL COLUMNS SHALL RECEIVE A MINIMUM 7/8" HAT CHANNEL AND 5/8" CPY/PSM BOARD AT ALL EXPOSED INTERIOR SIDES. NO STEEL SHALL BE LEFT EXPOSED.
  - PROVIDE STAINLESS STEEL PANELS AT WALLS ABOVE ALL MOP SINKS. PANELS SHALL EXTEND A MINIMUM OF 3 FEET ABOVE SINK.



New Sorority House For  
**BETA PSI CHAPTER OF DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.  
**JOB No. 11006**  
DATE: 7-12-11 REV DATE:  
DRAWN BY: Jim  
**First Floor Plan**  
SHEET NUMBER **A1.1**

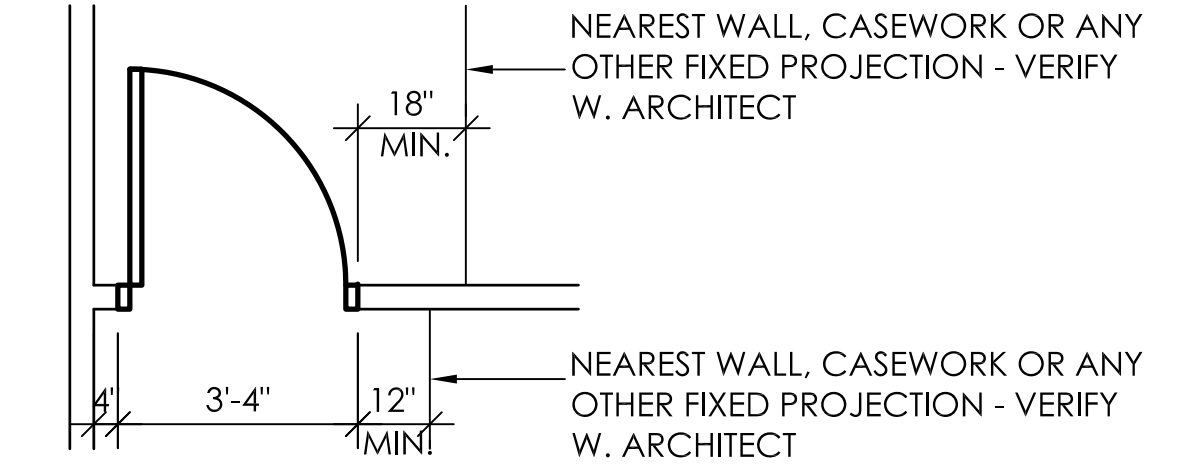


**2**  
A1.2  
PAVER LAYOUT DETAIL  
1/8" = 1'-0"

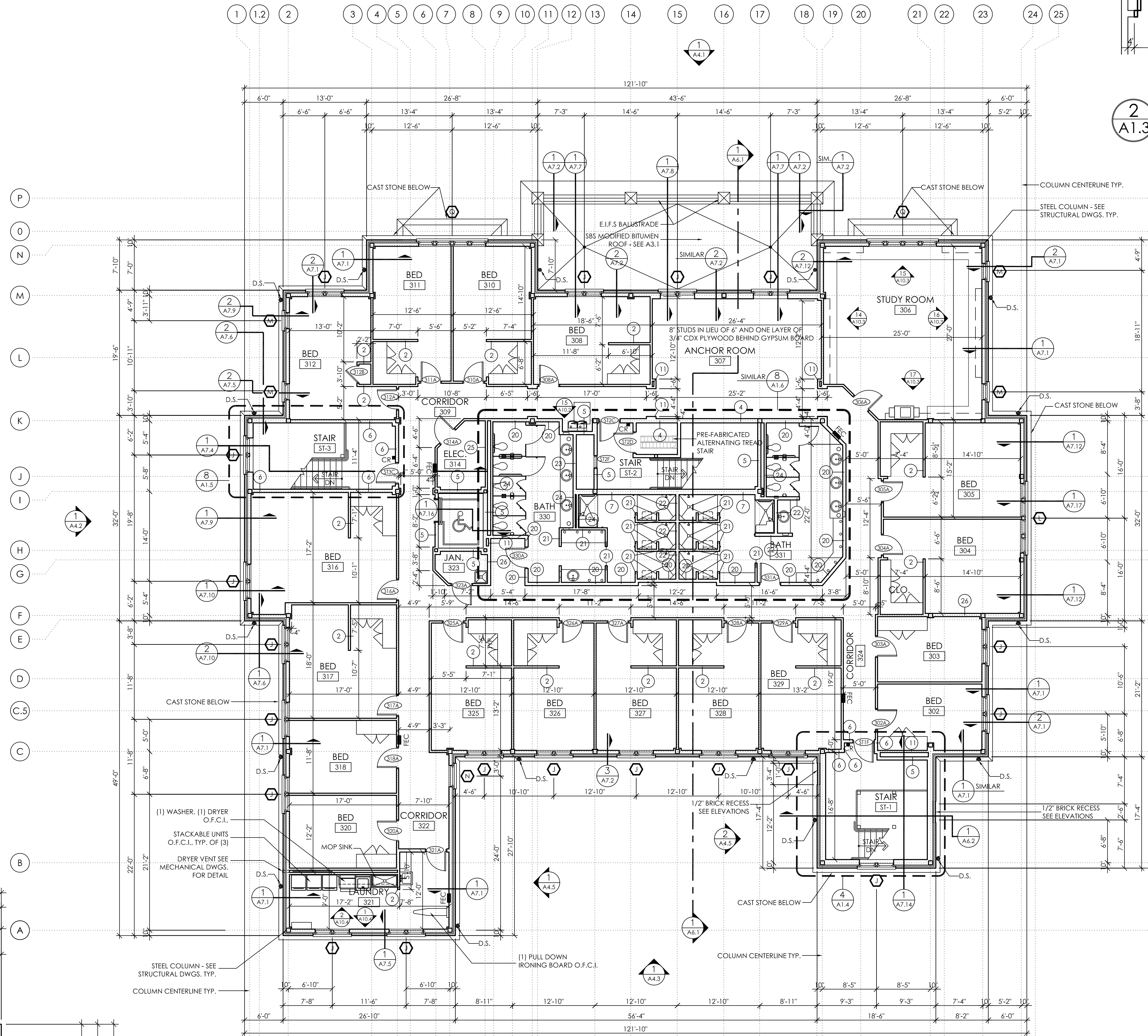
**1**  
A1.2  
SECOND FLOOR PLAN  
1/8" = 1'-0"

WALL TYPE LEGEND	
	INDICATES STUD WALL - SEE WALL TYPE SHEETS FOR SIZE & SPACING. INTERIOR WALLS TO BE TYPE 1 UNLESS NOTED OTHERWISE.
	REINFORCED CONCRETE WALL - SEE STRUCTURAL DWGS.
	INDICATES 6" STUD WALL WITH BRICK VENEER - SEE WALL SECTIONS FOR CONSTRUCTION DETAILS

GENERAL NOTES	
	INDICATES WALL TYPE - SEE SHEETS A1.8 AND A1.9 FOR WALL TYPES. INTERIOR WALLS TO BE WALL TYPE 1 UNLESS NOTED OTHERWISE.
	INDICATES WINDOW TYPE - SEE SHEET A5.3 FOR WINDOW SCHEDULE & TYPES
	INDICATES DOOR NUMBER - SEE SHEET A5.1 FOR DOOR SCHEDULE & TYPES
	INDICATES LOUVER TYPE - SEE SHEET A5.3 FOR LOUVER TYPES
	SEMI-RECESSED FIRE EXTINGUISHER CABINET - SEE LS1.1
	SECURITY CARD READER - SEE ELECTRICAL DWGS.
	D.S. = DOWNSPOUT - PRE-FINISHED METAL INTO CAST IRON DOWNSPOUT BOOT
	O.F.C.I. = OWNER FURNISHED, GENERAL CONTRACTOR INSTALLED.
	G.P. = (GUARDPOST), PAINTED 6" DIA. GUARD POST TO BE 6'-0" LONG W/ 3'-0" EMBEDDED & 3'-0" PROJECTED.
	UNLESS NOTED OTHERWISE, ALL STEEL COLUMNS SHALL RECEIVE A MINIMUM 7/8" HAT CHANNEL AND 5/8" GYPSUM BOARD AT ALL EXPOSED INTERIOR SIDES. NO STEEL SHALL BE LEFT EXPOSED.
	PROVIDE STAINLESS STEEL PANELS AT WALLS ABOVE ALL MOP SINKS. PANELS SHALL EXTEND A MINIMUM OF 3 FEET ABOVE SINK.



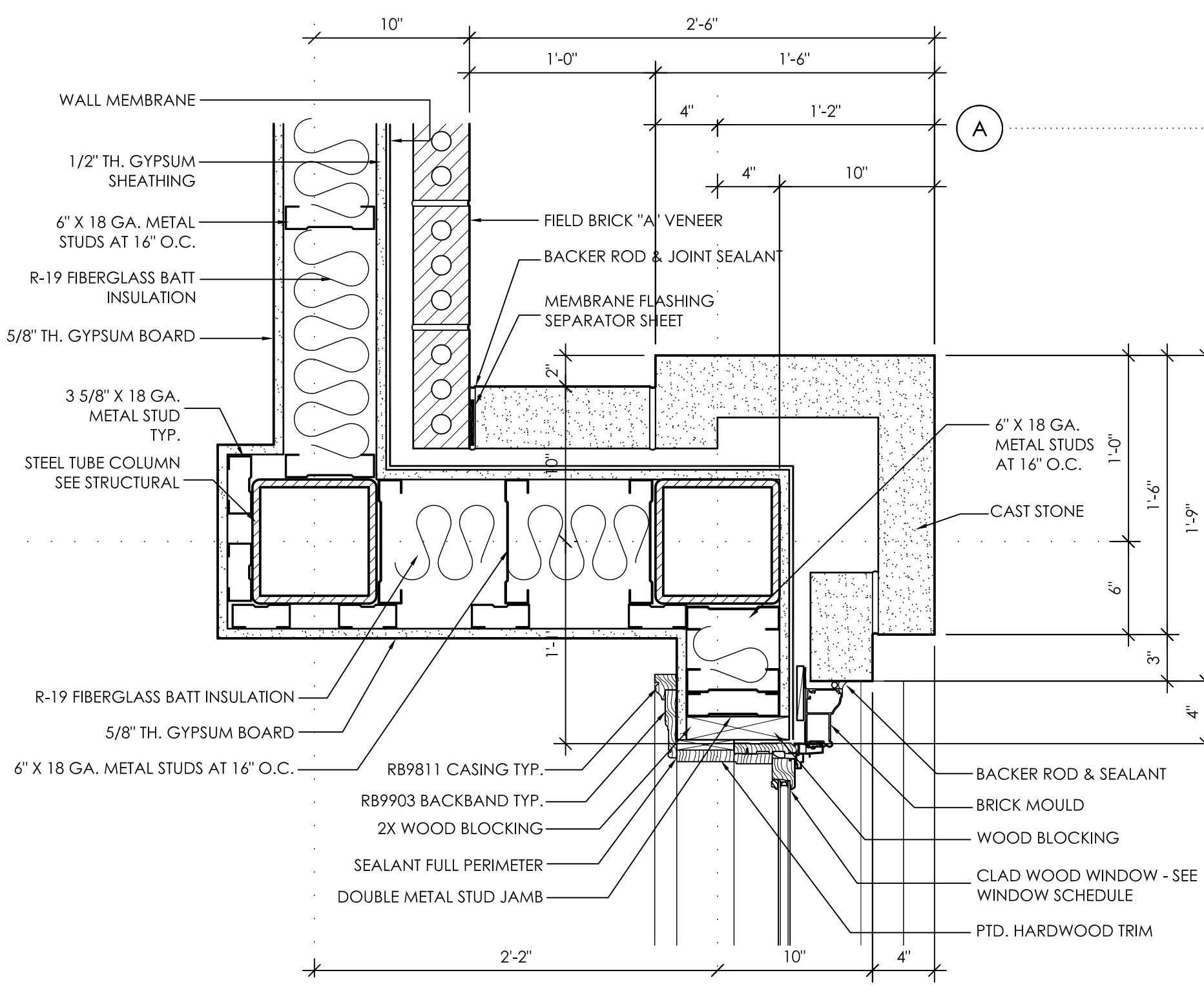
**2**  
**A1.3**  
 TYPICAL DOOR LOCATION & CLEARANCES (U.N.O.)  
 No Scale



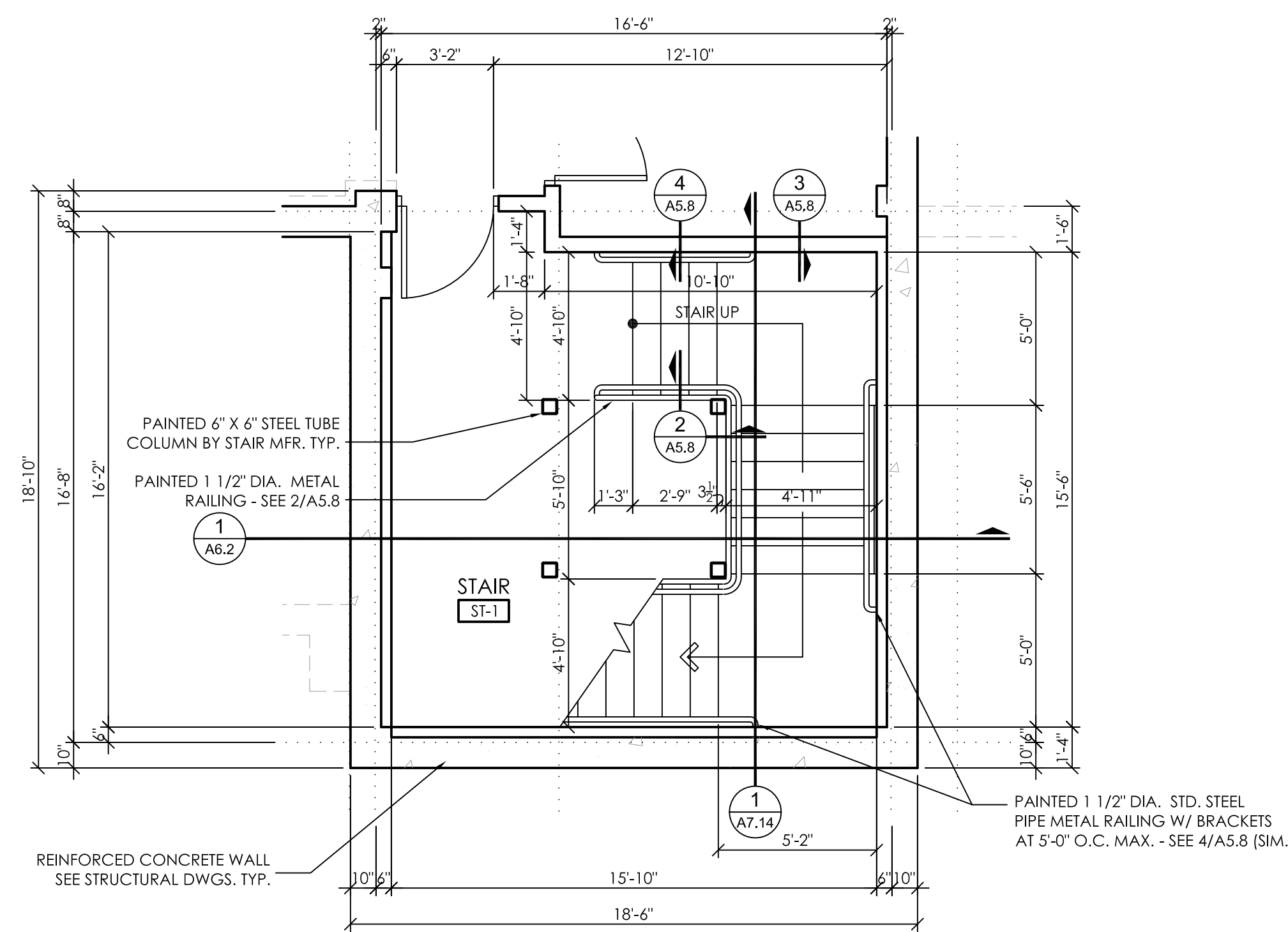
**1**  
**A1.3**  
 THIRD FLOOR PLAN  
 1/8" = 1'-0"

WALL TYPE LEGEND	
	INDICATES 6" STUD WALL WITH BRICK VENEER - SEE WALL SECTIONS FOR CONSTRUCTION DETAILS
	REINFORCED CONCRETE WALL - SEE STRUCTURAL DWGS.
	INDICATES STUD WALL - SEE WALL TYPE SHEETS FOR SIZE & SPACING. INTERIOR WALLS TO BE TYPE 1 UNLESS NOTED OTHERWISE.

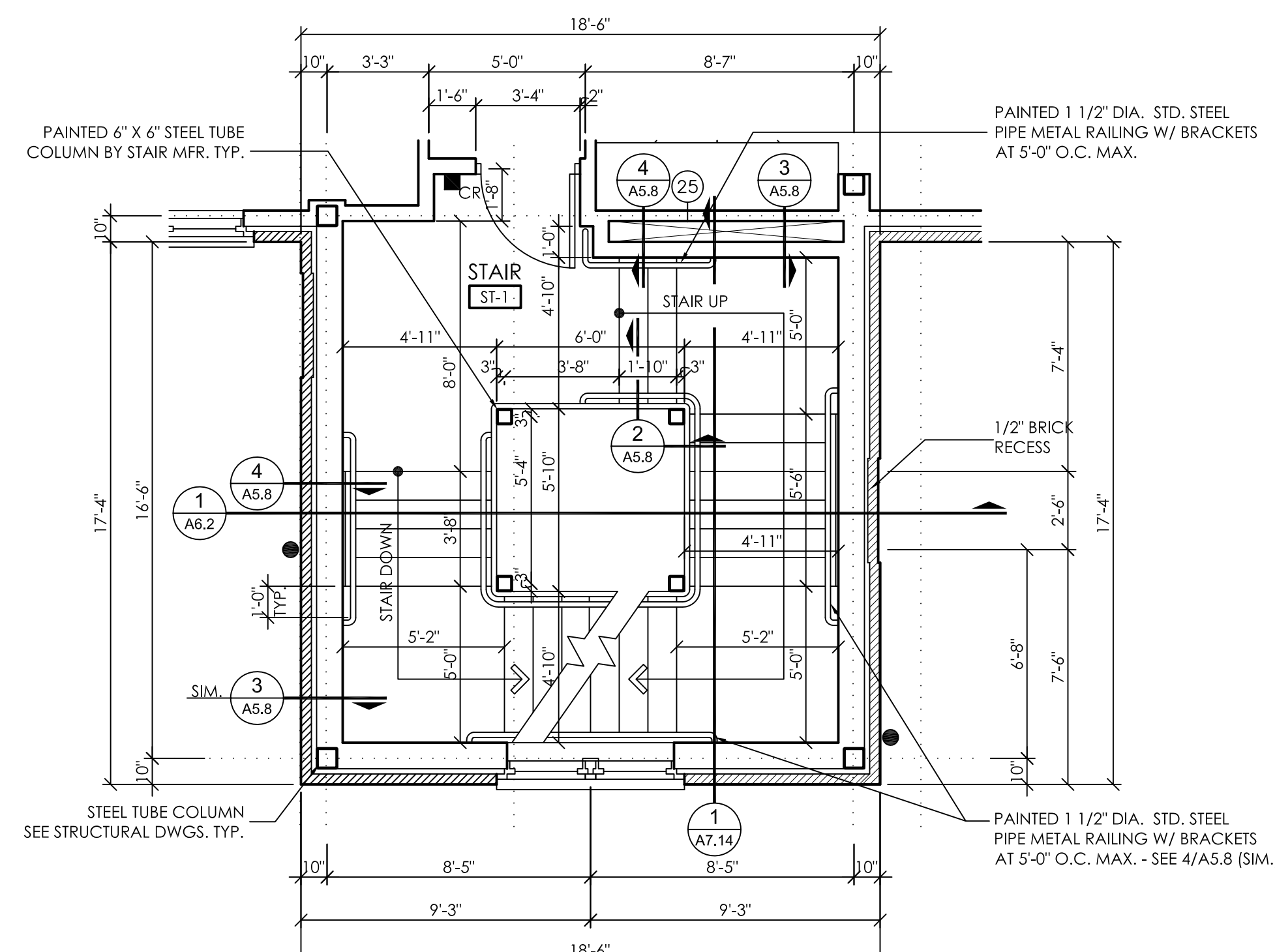
GENERAL NOTES	
	INDICATES WALL TYPE - SEE SHEETS A1.8 AND A1.9 FOR WALL TYPES INTERIOR WALLS TO BE WALL TYPE 1 UNLESS NOTED OTHERWISE.
	INDICATES WINDOW TYPE - SEE SHEET A5.3 FOR WINDOW SCHEDULE & TYPES
	INDICATES DOOR NUMBER - SEE SHEET A5.1 FOR DOOR SCHEDULE & TYPES
	INDICATES LOUVER TYPE - SEE SHEET A5.3 FOR LOUVER TYPES
	SEMI-RECESSED FIRE EXTINGUISHER CABINET - SEE LS1.1
	SECURITY CARD READER - SEE ELECTRICAL DWGS.
	D.S. = DOWNSPOUT - PRE-FINISHED METAL INTO CAST IRON DOWNSPOUT BOOT
	O.F.C.I. = OWNER FURNISHED, GENERAL CONTRACTOR INSTALLED.
	G.P. = [GUARDPOST], PAINTED 6" DIA. GUARD POST TO BE 6'-0" LONG W/ 3'-0" EMBEDDED & 3'-0" PROJECTED.
	UNLESS NOTED OTHERWISE, ALL STEEL COLUMNS SHALL RECEIVE A MINIMUM 7/8" HAT CHANNEL AND 5/8" GYPSUM BOARD AT ALL EXPOSED INTERIOR SIDES. NO STEEL SHALL BE LEFT EXPOSED.
	PROVIDE STAINLESS STEEL PANELS AT WALLS ABOVE ALL MOP SINKS. PANELS SHALL EXTEND A MINIMUM OF 3 FEET ABOVE SINK.



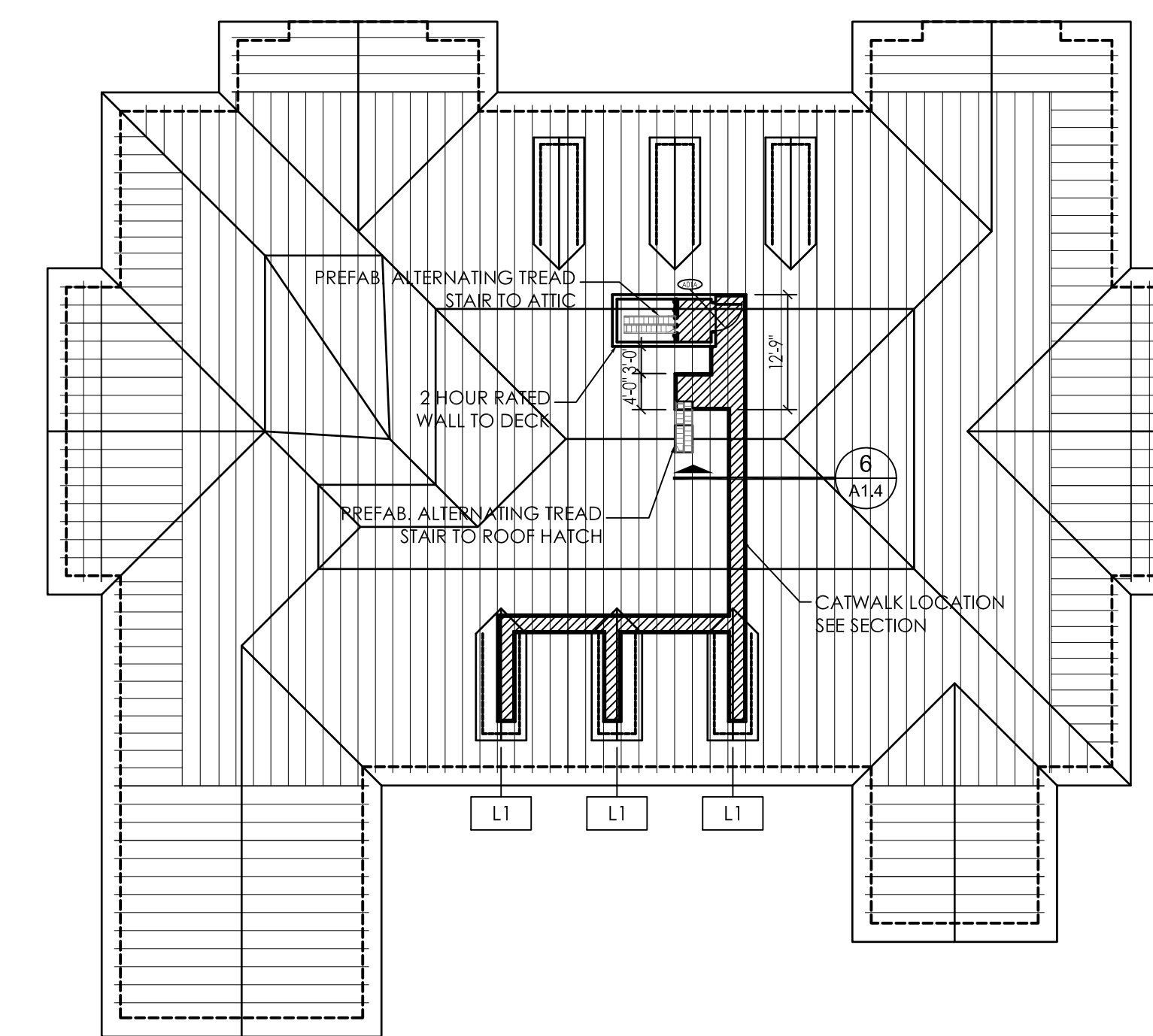
**3**  
**A1.3**  
 PLAN DETAIL  
 1 1/2" = 1'-0"



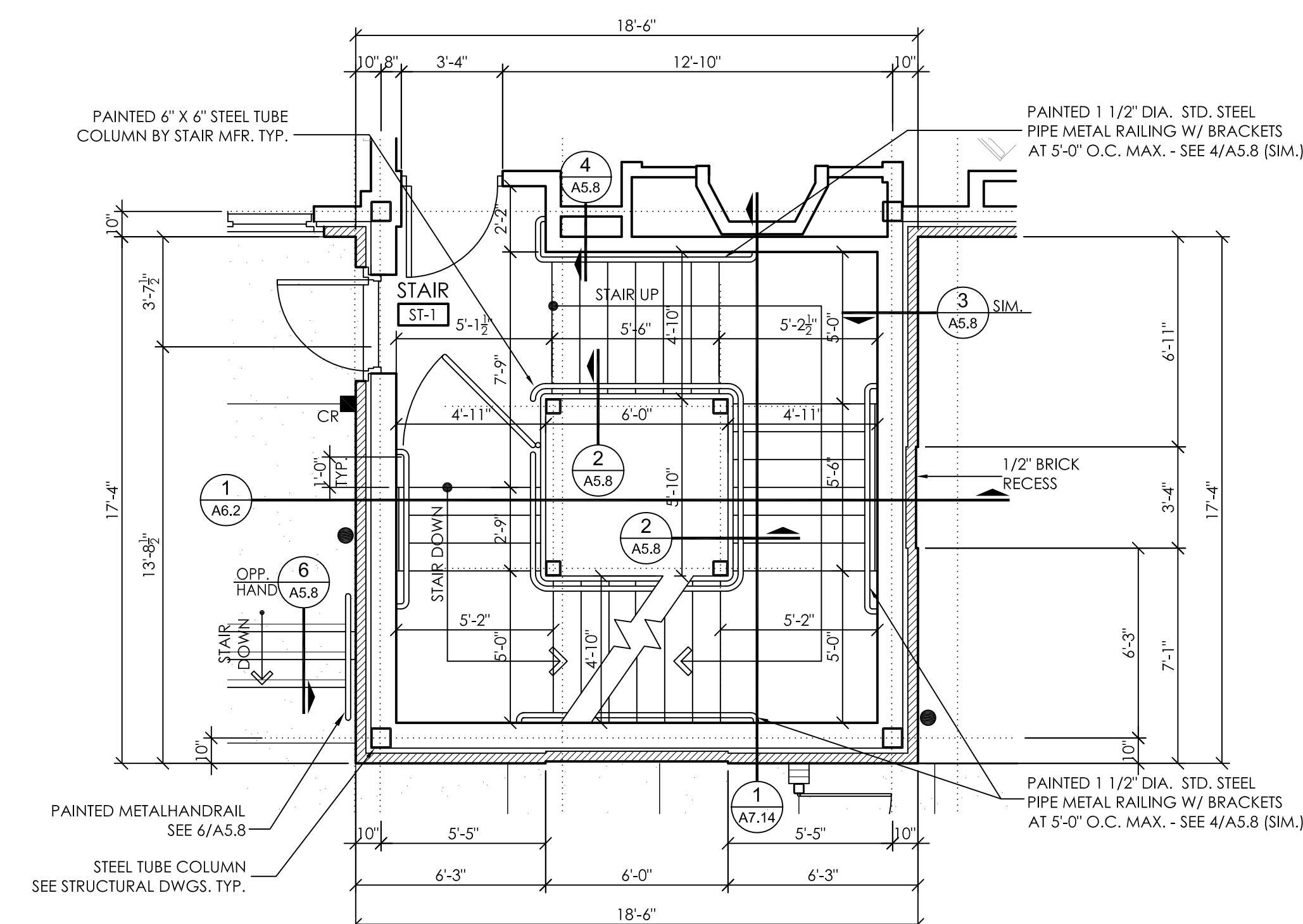
**1**  
A1.4  
**'STAIR ST-1'**  
**BASEMENT FLOOR PLAN**  
1/4" = 1'-0"



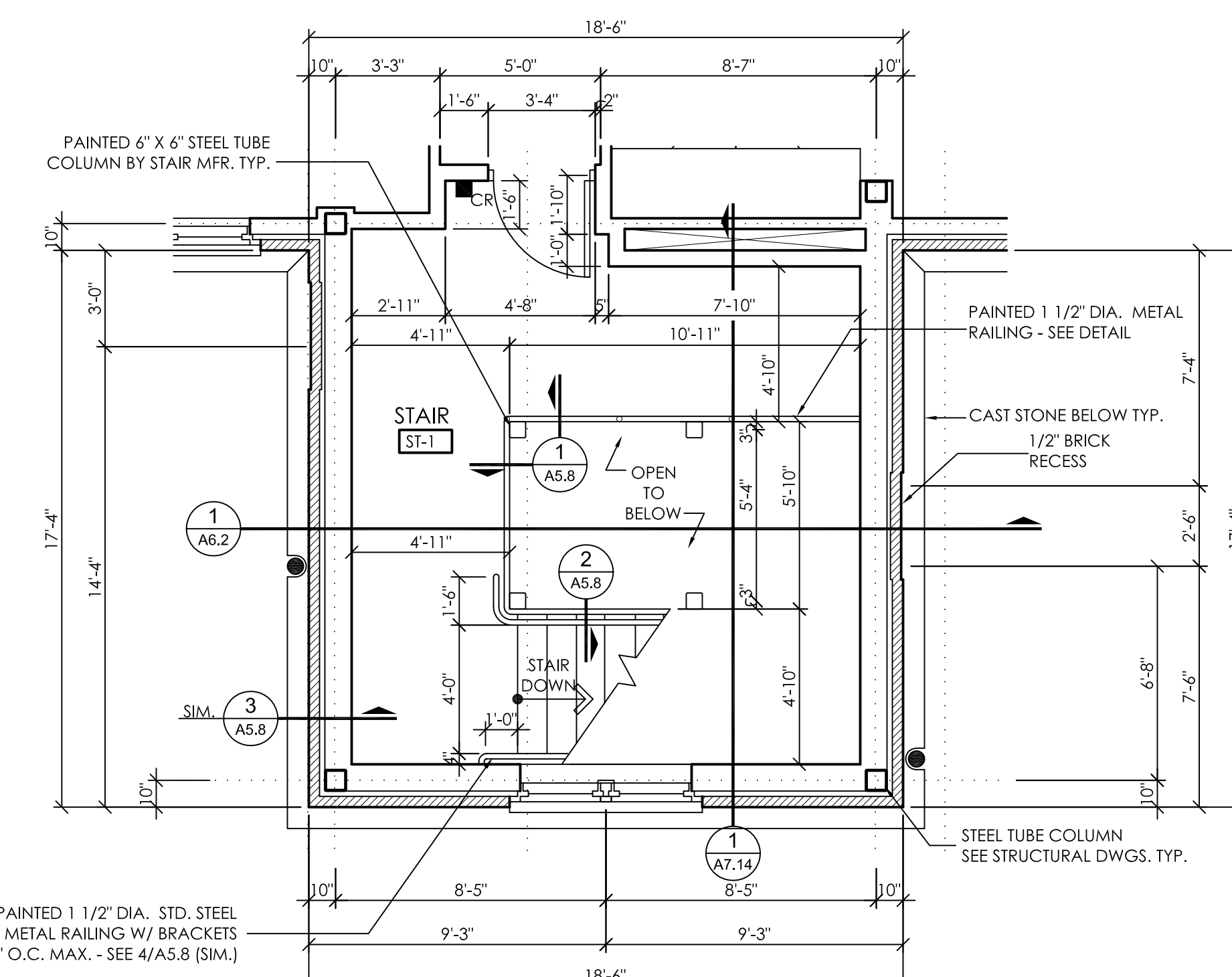
**3**  
A1.4  
**'STAIR ST-1'**  
**SECOND FLOOR PLAN**  
1/4" = 1'-0"



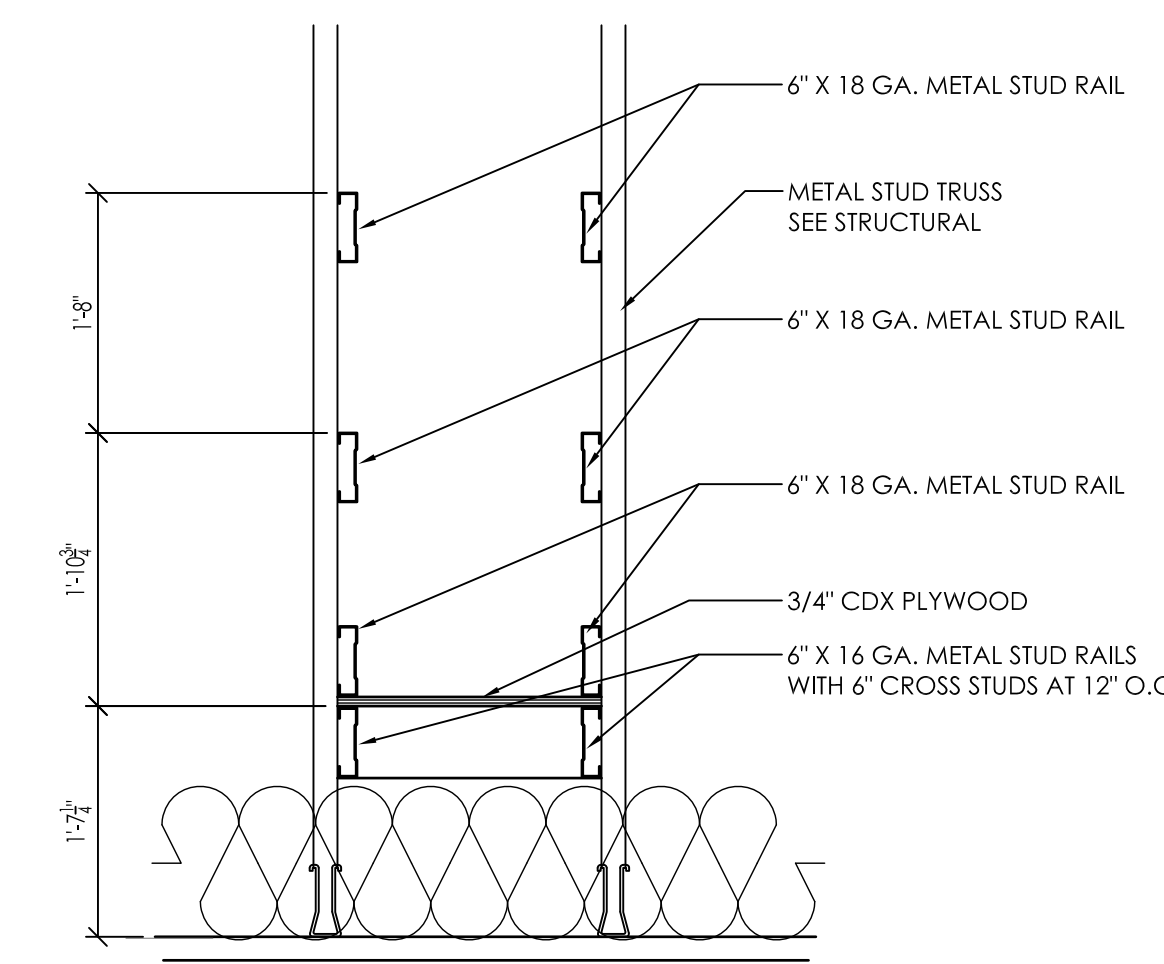
**5**  
A1.4  
**ATTIC PLAN**  
1/16" = 1'-0"



**2**  
A1.4  
**'STAIR ST-1'**  
**FIRST FLOOR PLAN**  
1/4" = 1'-0"

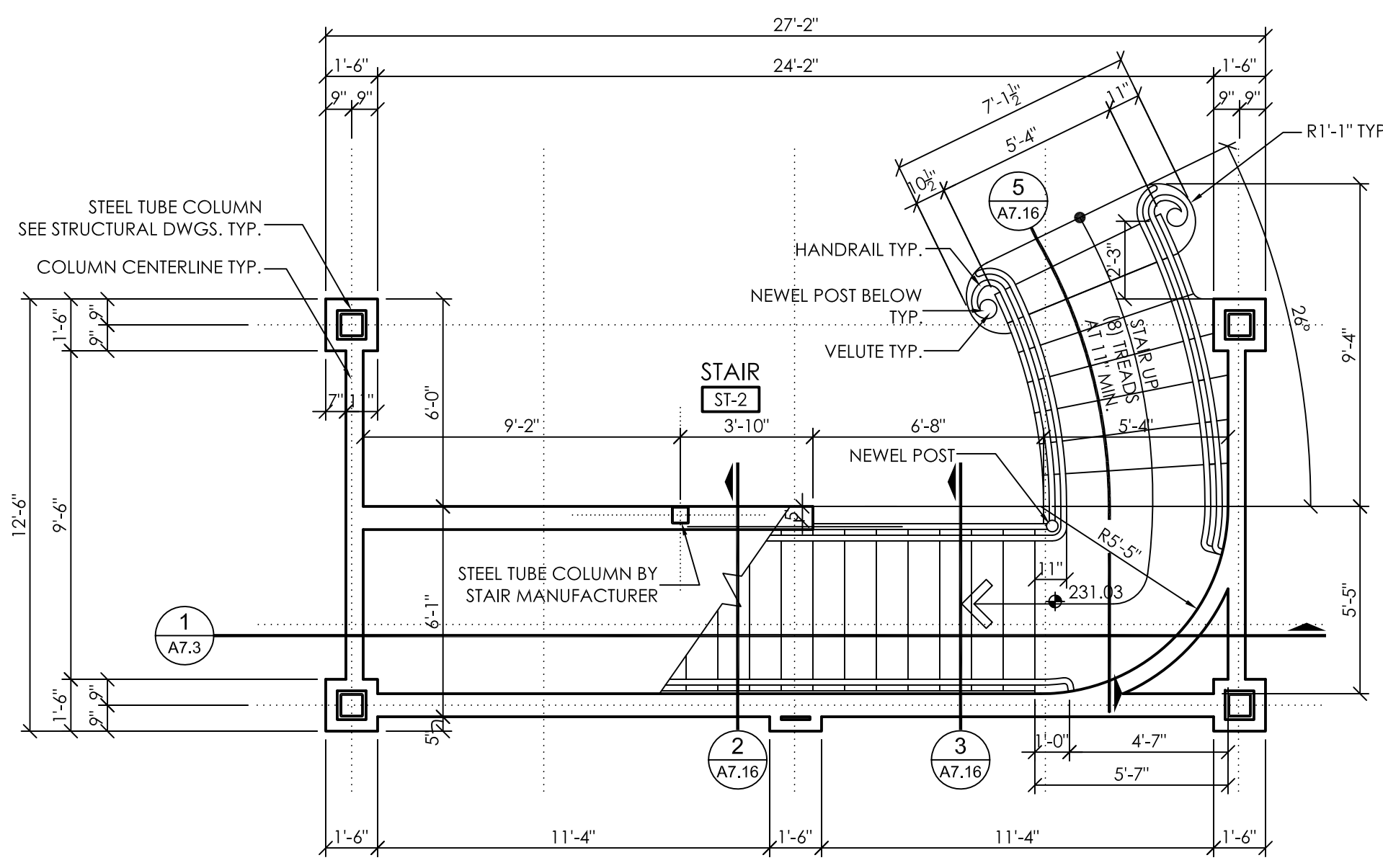


**4**  
A1.4  
**'STAIR ST-1'**  
**THIRD FLOOR PLAN**  
1/4" = 1'-0"

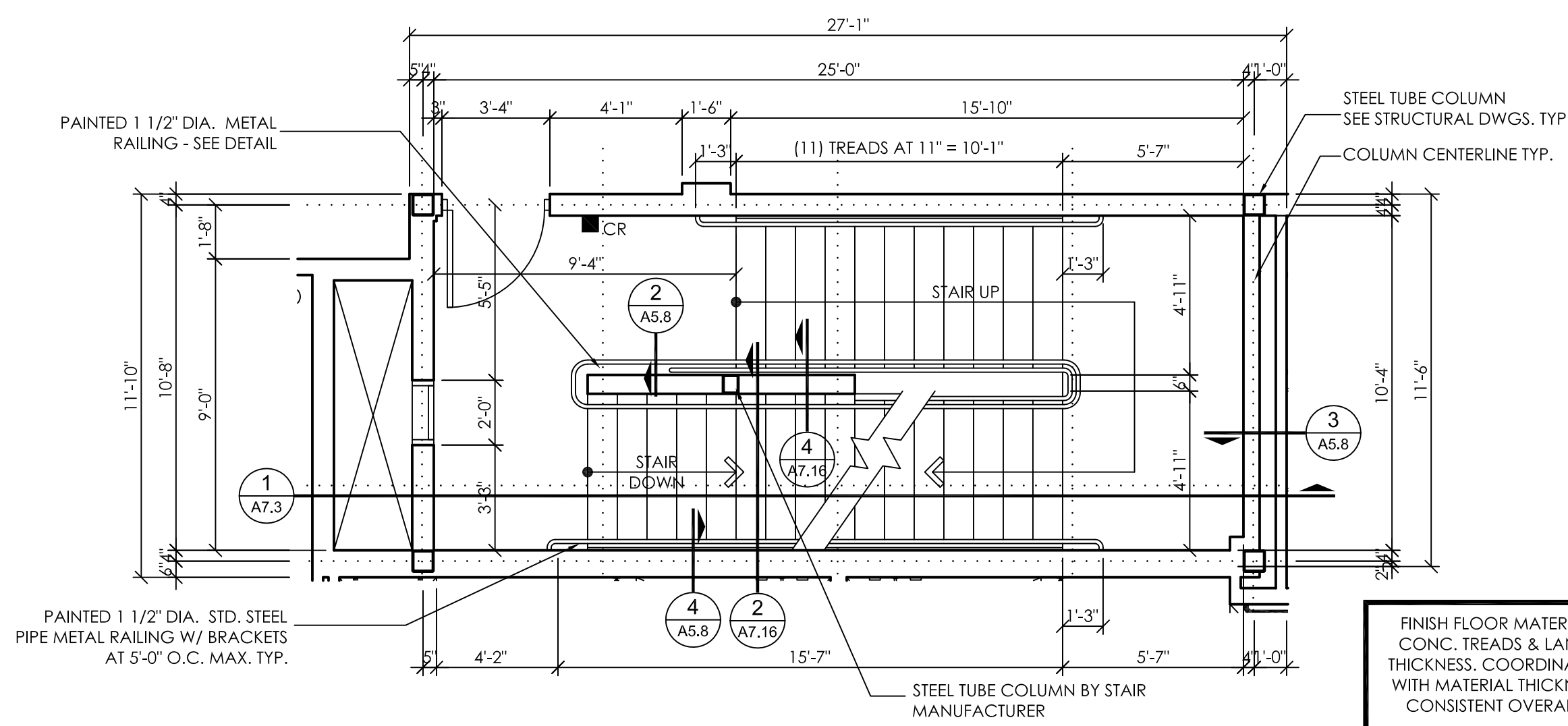


**6**  
A1.4  
**CATWALK SECTION**  
3/4" = 1'-0"

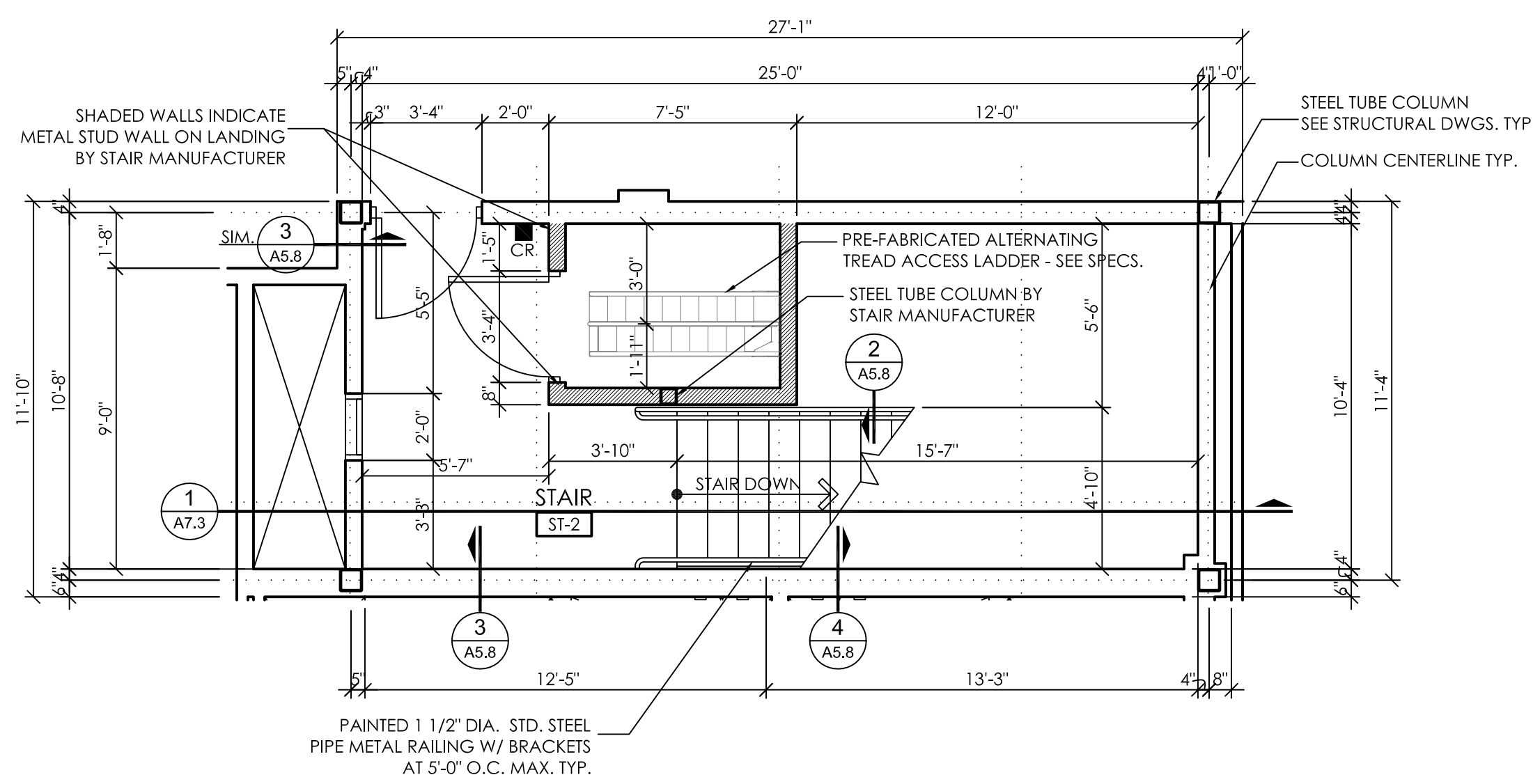
1 NOT USED  
1/4" = 1'-0"



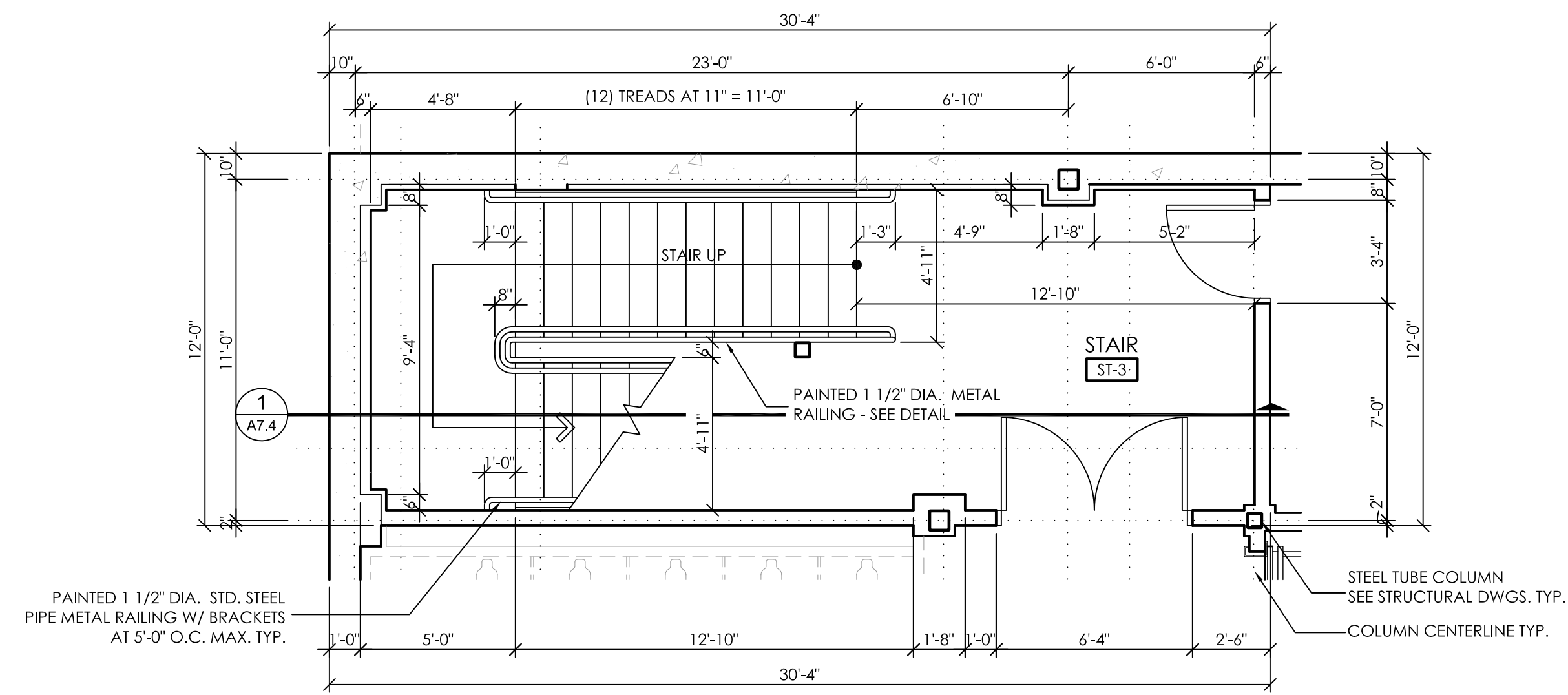
2 'STAIR ST-2' FIRST FLOOR PLAN  
1/4" = 1'-0"



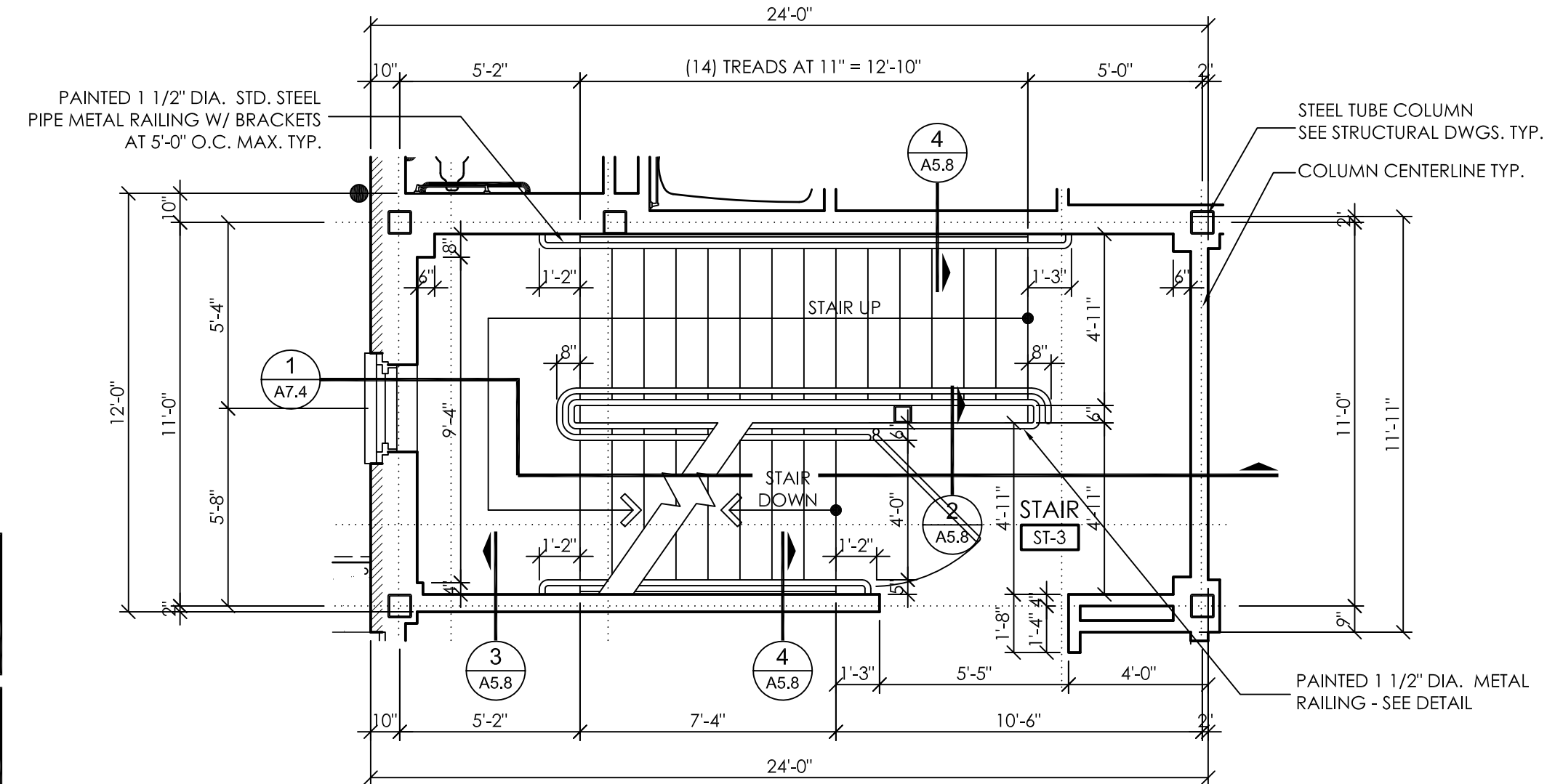
3 'STAIR ST-2' SECOND FLOOR PLAN  
1/4" = 1'-0"



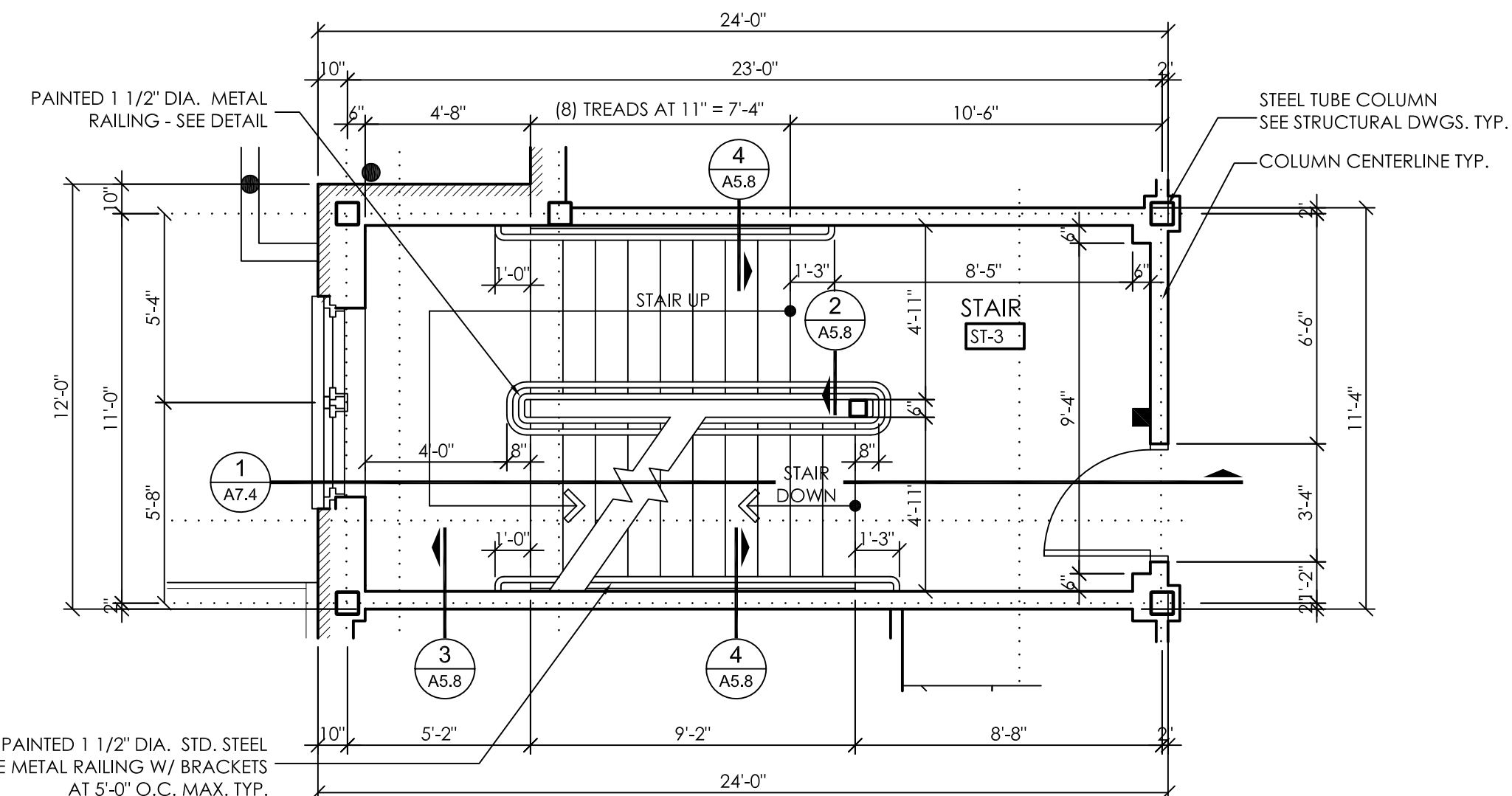
4 'STAIR ST-2' THIRD FLOOR PLAN  
1/4" = 1'-0"



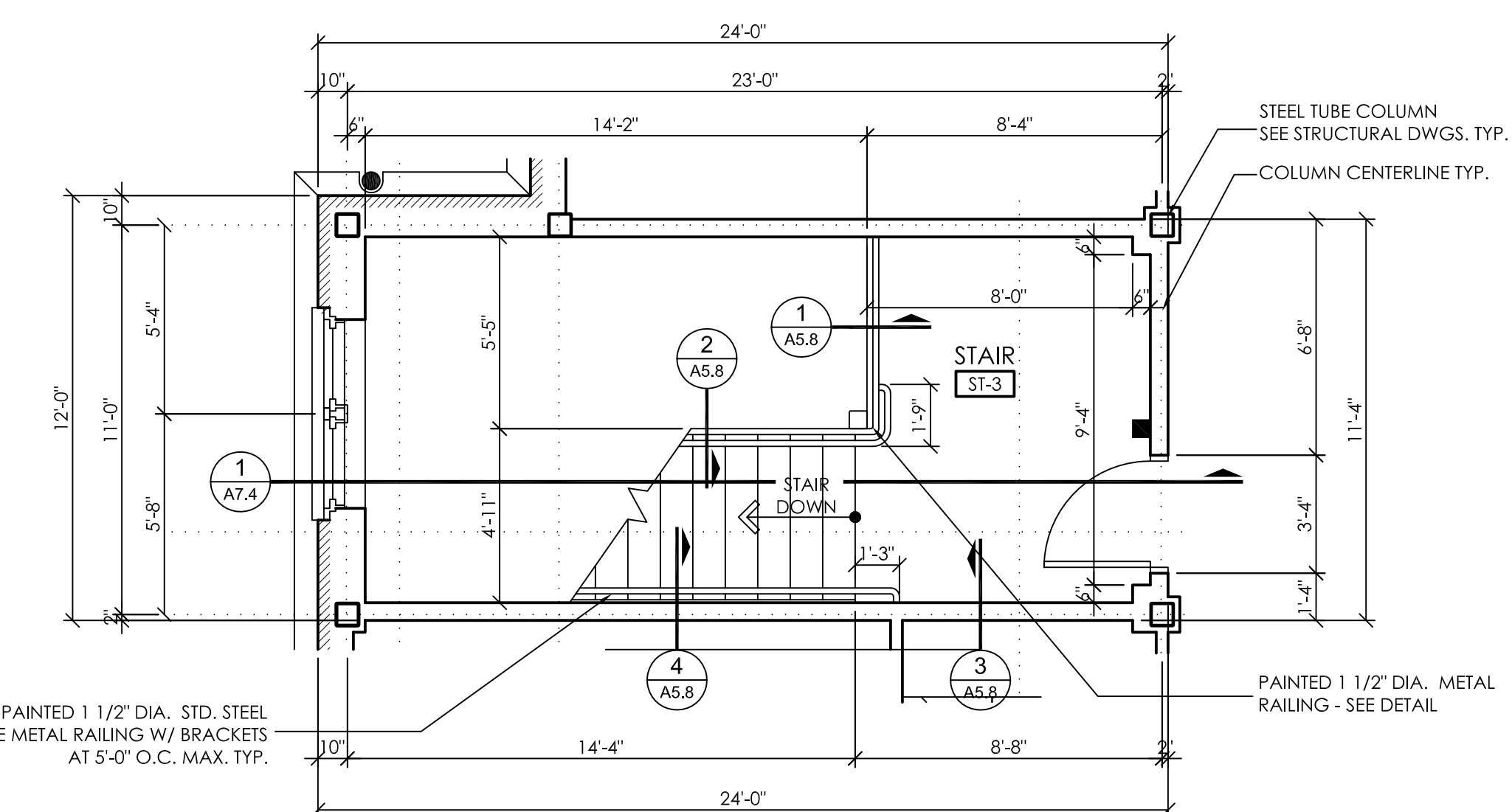
5 'STAIR ST-3' BASEMENT FLOOR PLAN  
1/4" = 1'-0"



6 'STAIR ST-3' FIRST FLOOR PLAN  
1/4" = 1'-0"



7 'STAIR ST-3' SECOND FLOOR PLAN  
1/4" = 1'-0"



8 'STAIR ST-3' THIRD FLOOR PLAN  
1/4" = 1'-0"

FINISH FLOOR MATERIALS ON TOP OF CONC. TREADS & LANDINGS VARY IN THICKNESS. COORDINATE RISER HEIGHTS WITH MATERIAL THICKNESS TO PROVIDE CONSISTENT OVERALL RISER HEIGHT.

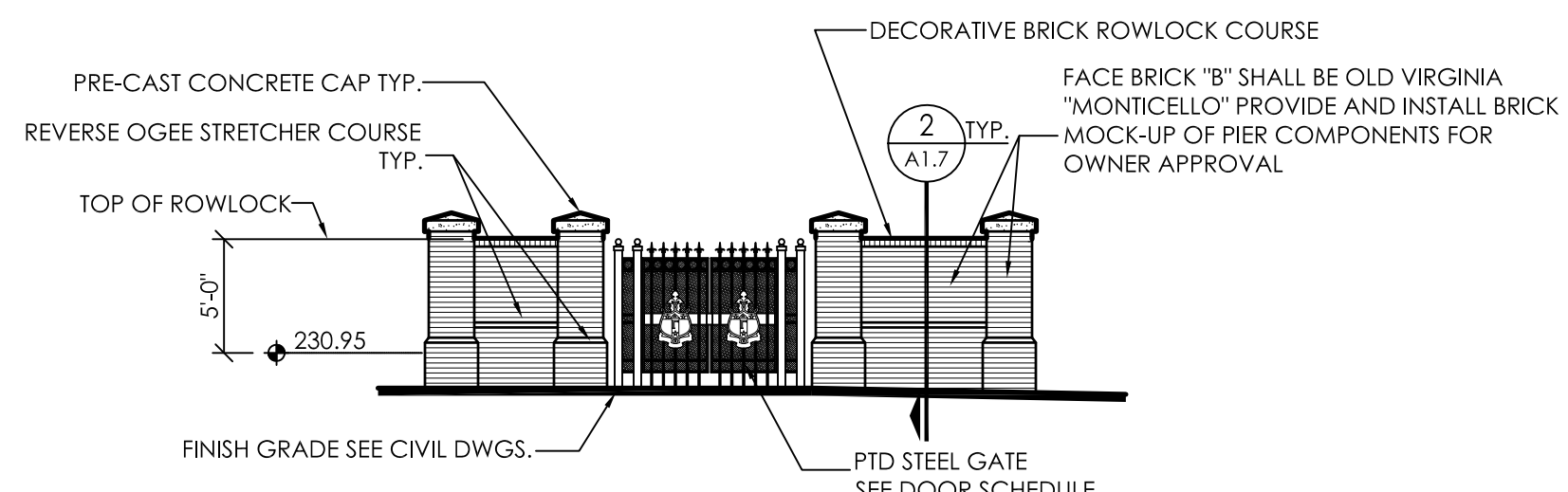
CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL MILLWORK AND RAILING ON STAIR TO ARCHITECT FOR FINAL APPROVAL.

FINISH FLOOR MATERIALS ON TOP OF CONC. TREADS & LANDINGS VARY IN THICKNESS. COORDINATE RISER HEIGHTS WITH MATERIAL THICKNESS TO PROVIDE CONSISTENT OVERALL RISER HEIGHT.

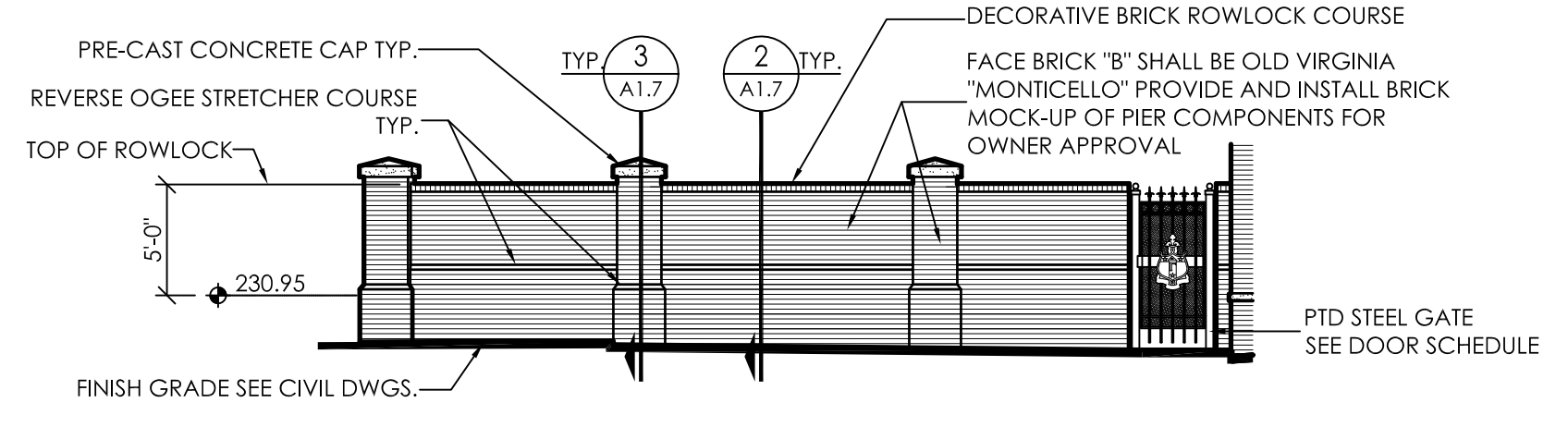
CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL MILLWORK AND RAILING ON STAIR TO ARCHITECT FOR FINAL APPROVAL.



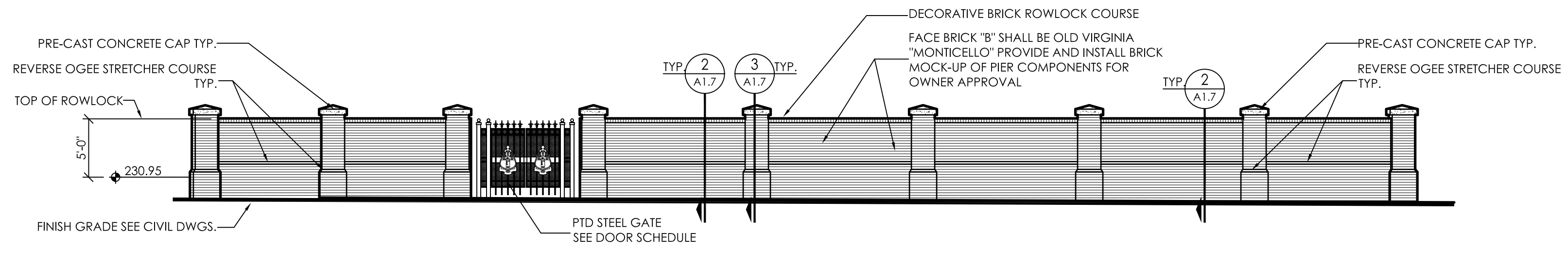




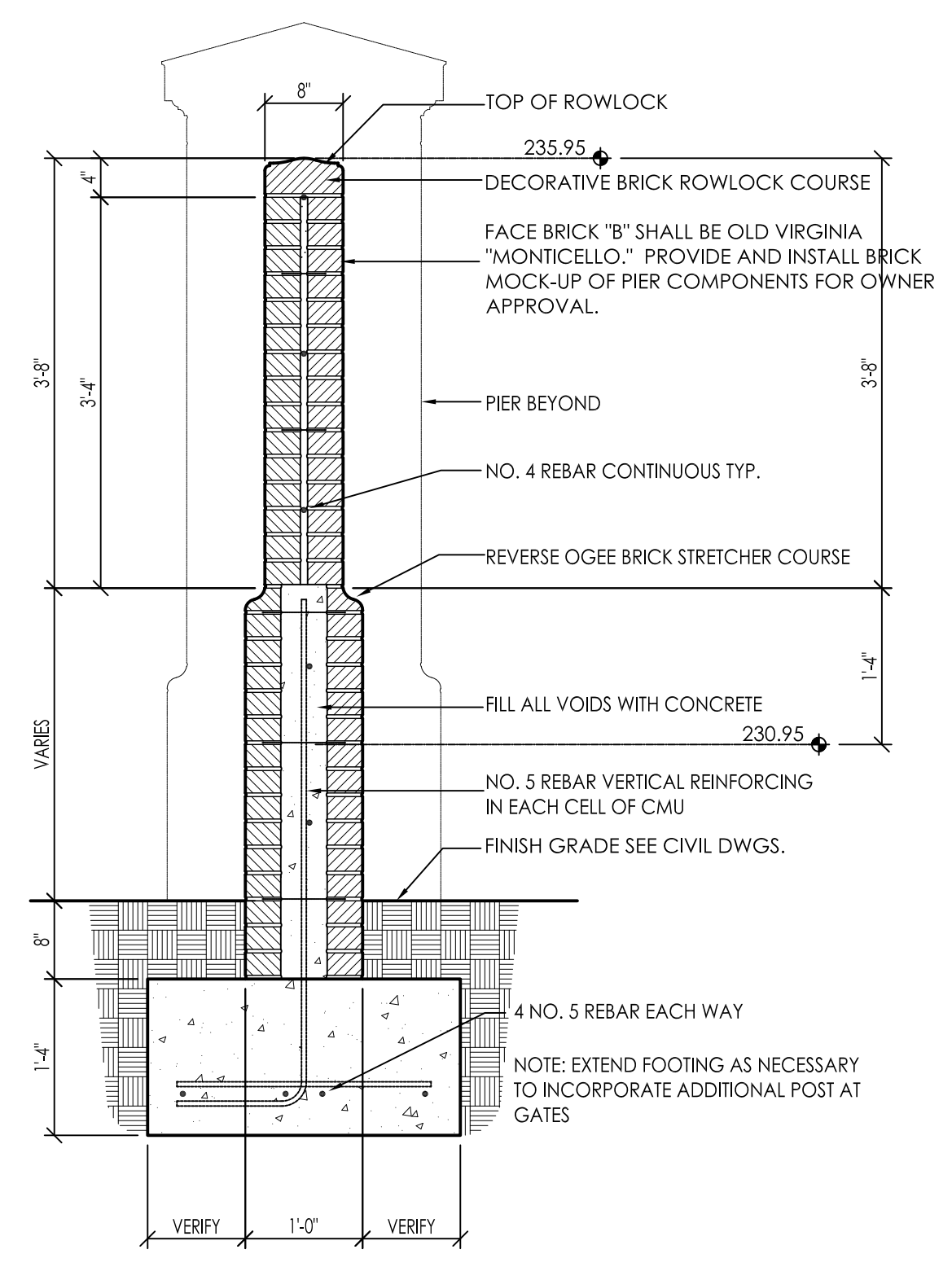
**7 PARTIAL WEST ELEVATION**  
1/8" = 1'-0"



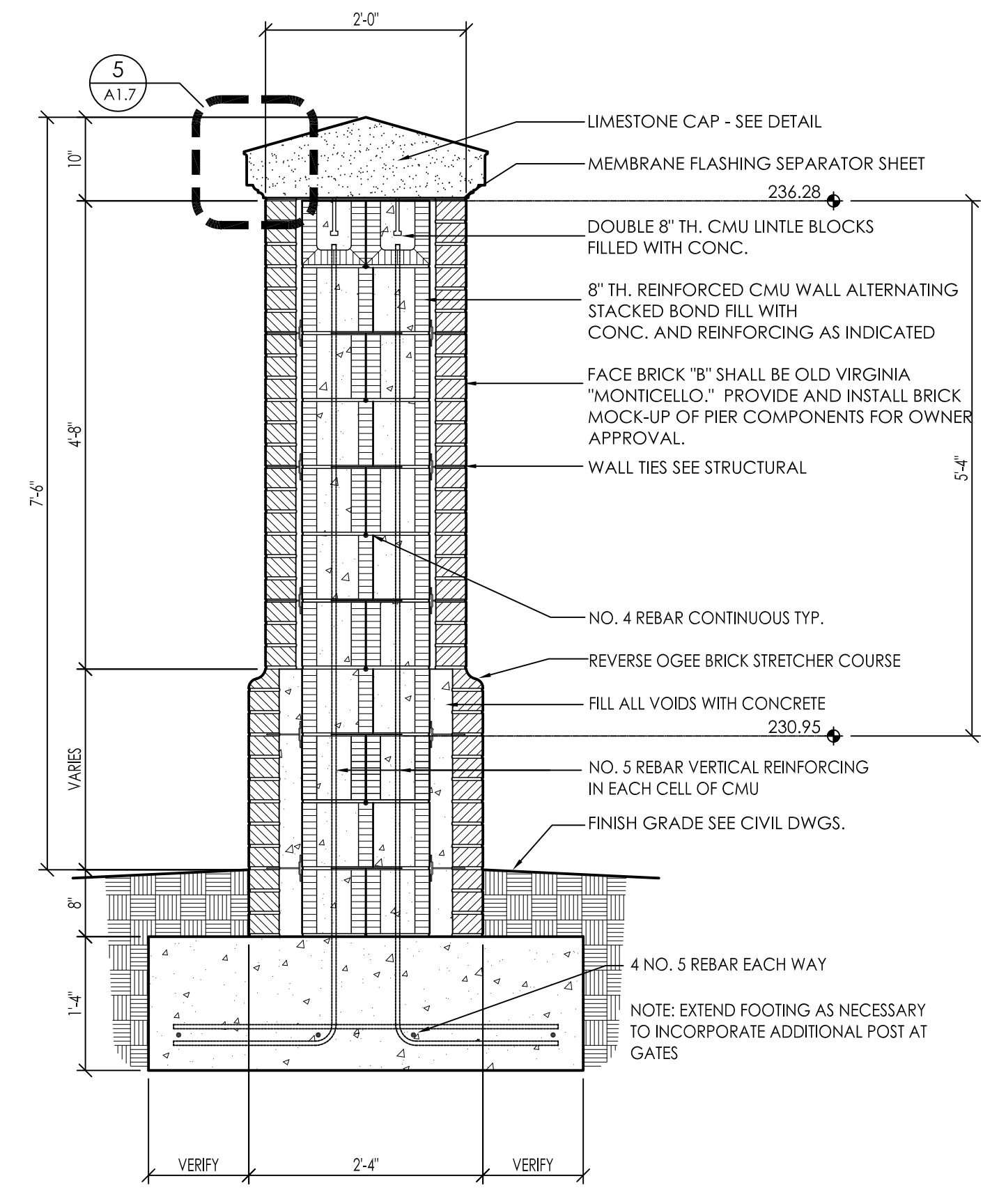
**8 PARTIAL EAST ELEVATION**  
1/8" = 1'-0"



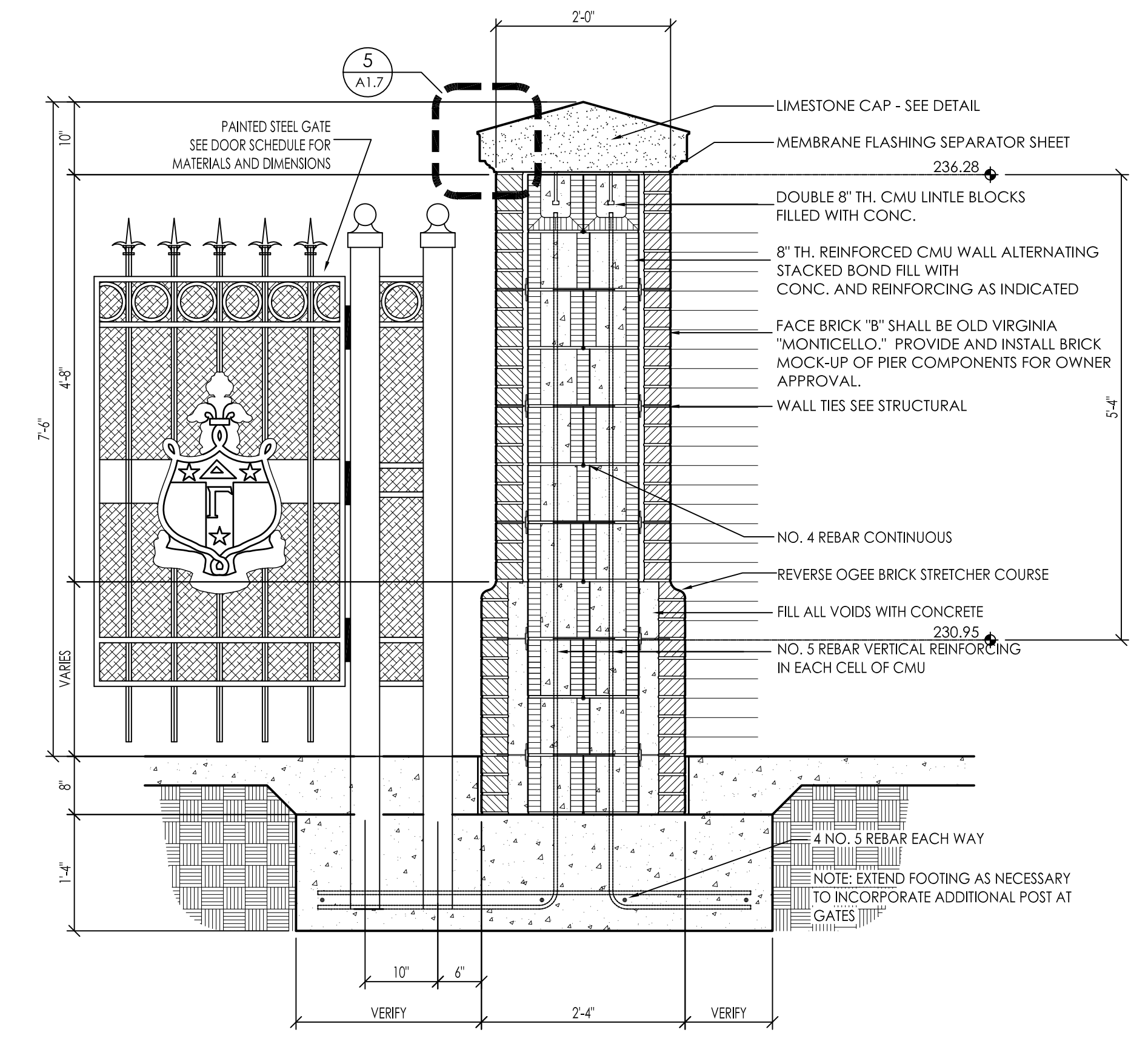
**6 PARTIAL SOUTH ELEVATION**  
1/8" = 1'-0"



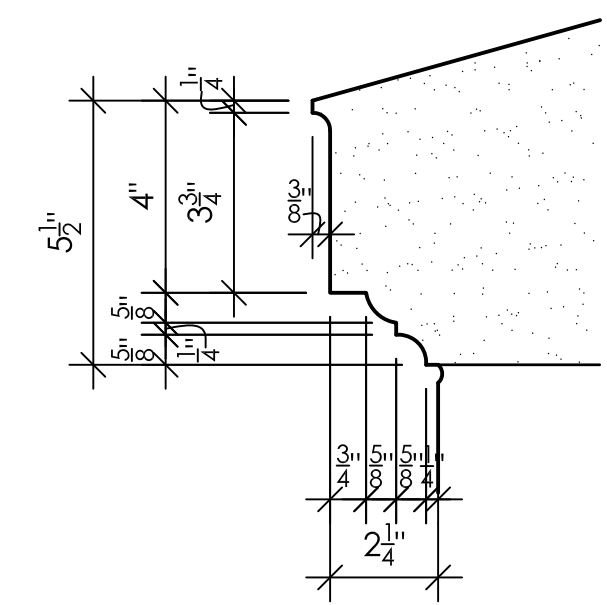
**2 WALL SECTION**  
3/4" = 1'-0"



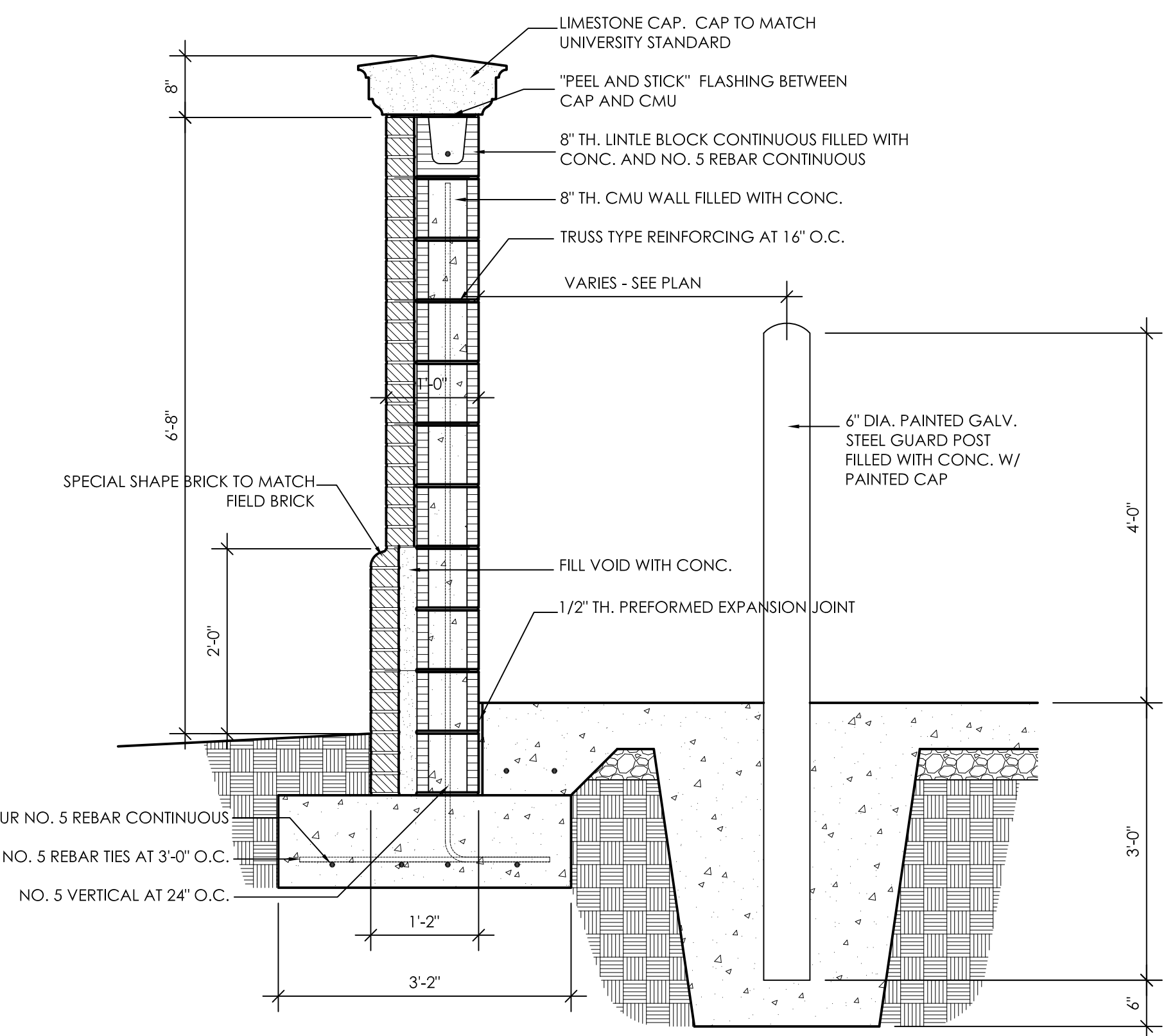
**3 WALL SECTION**  
3/4" = 1'-0"



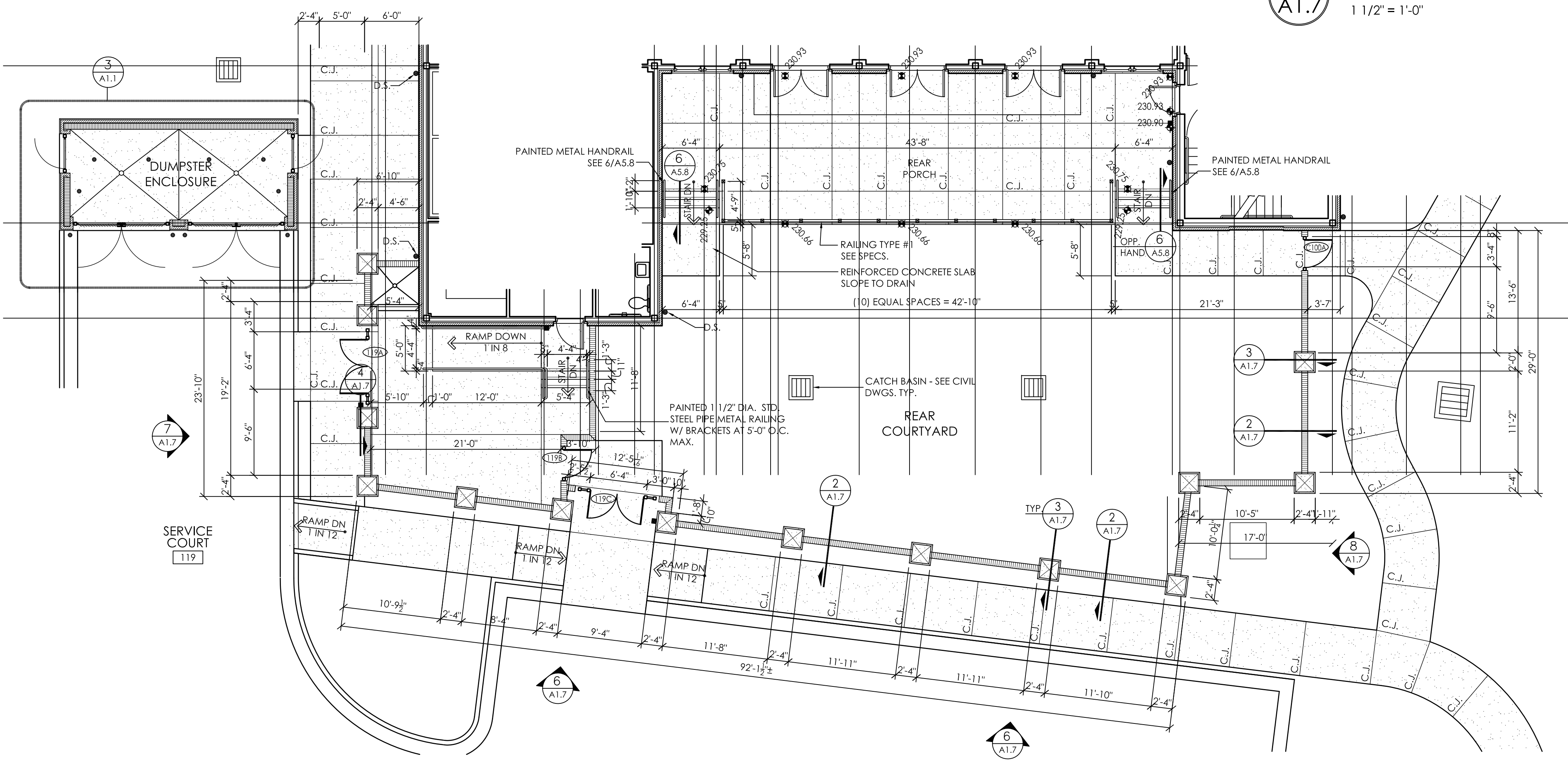
**4 WALL SECTION**  
3/4" = 1'-0"



**5 LIMESTONE CAP PROFILE**  
1 1/2" = 1'-0"

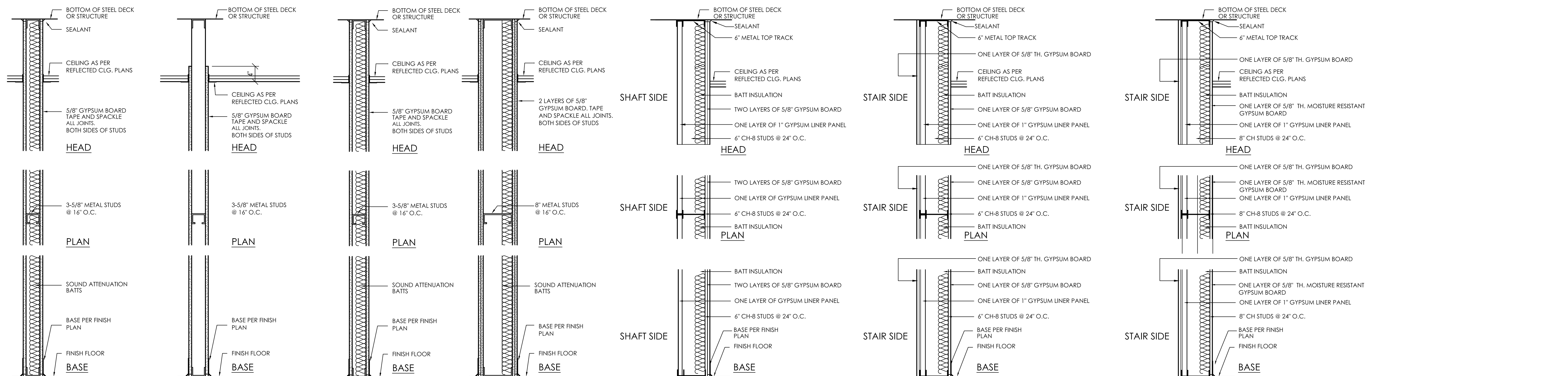


**9 WALL SECTION**  
3/4" = 1'-0"



**1 REAR COURTYARD PLAN**  
1/8" = 1'-0"

**FENCING NOTES:**  
1. ALL FENCING (MASONRY AND METAL) SHALL COMPLY WITH THE UNIVERSITY OF ALABAMA FENCING STANDARDS UNLESS NOTED OTHERWISE.



**1**  
**30 MINUTE OR ONE-HOUR RATED**  
 THIS PARTITION TO BE 1-HOUR RATED WHERE INDICATED ON PLANS. (UL DESIGN U465)

**2**

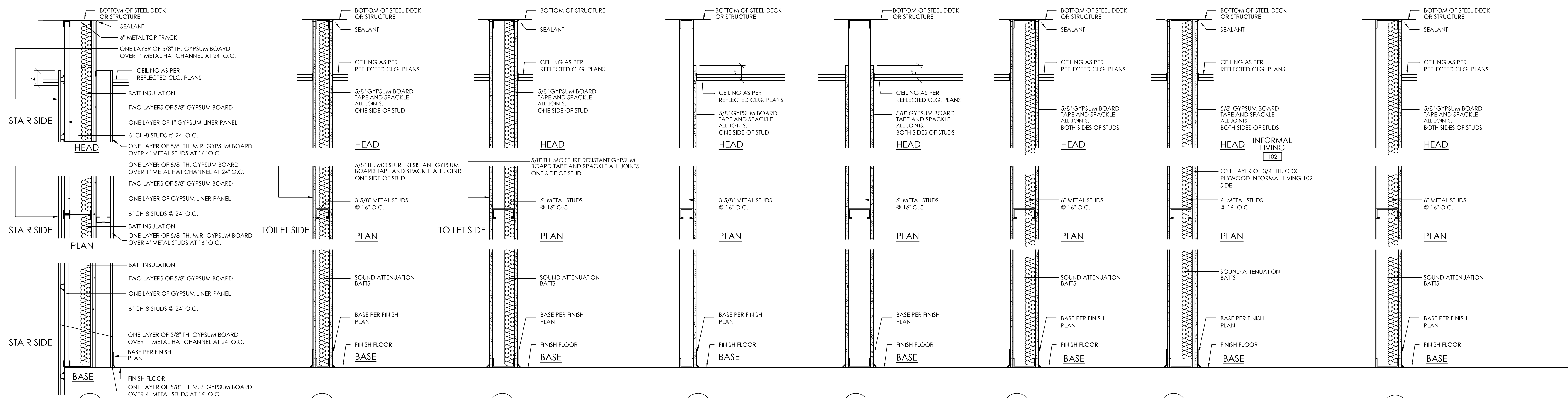
**3**

**4**  
**TWO-HOUR RATED**  
 THIS PARTITION TO BE 2-HOUR RATED WHERE INDICATED ON PLANS. (UL DESIGN U412)

**5**  
**TWO-HOUR RATED**  
 THIS PARTITION TO BE 2-HOUR RATED WHERE INDICATED ON PLANS. (UL DESIGN U436)

**6**  
**TWO-HOUR RATED**  
 THIS PARTITION TO BE 2-HOUR RATED WHERE INDICATED ON PLANS. (UL DESIGN U467)

**7**  
**TWO-HOUR RATED**  
 THIS PARTITION TO BE 2-HOUR RATED WHERE INDICATED ON PLANS. (UL DESIGN U467)



**8**  
**TWO-HOUR RATED**  
 THIS PARTITION TO BE 2-HOUR RATED WHERE INDICATED ON LIFE SAFETY PLANS. (UL DESIGN U438)

**9**

**10**

**11**

**12**

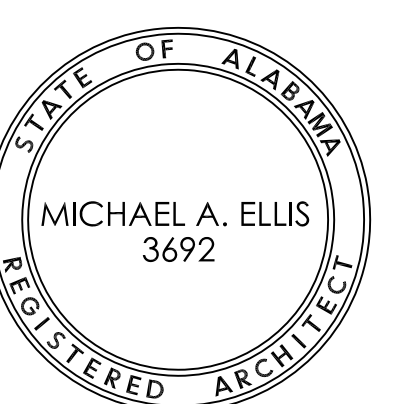
**14**

**15**

**16**

**WALL TYPE NOTES**

- WHERE RATED WALLS, FLOORS AND CEILINGS ARE SHOWN ON LIFE SAFETY PLANS, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RATED CONSTRUCTION. UL ASSEMBLIES LISTED IN THE DOCUMENTS ARE INTENDED ONLY AS A STARTING POINT.
- PROVIDE 5/8" MOISTURE-RESISTANT GYPSUM BOARD BEHIND ALL WALL TILE, TILE BASE AND BEHIND ALL SINKS (INCLUDING MOP/UTILITY SINKS), LAVATORIES & WATER FOUNTAINS. SEE FINISH PLANS AND INTERIOR ELEVATIONS.

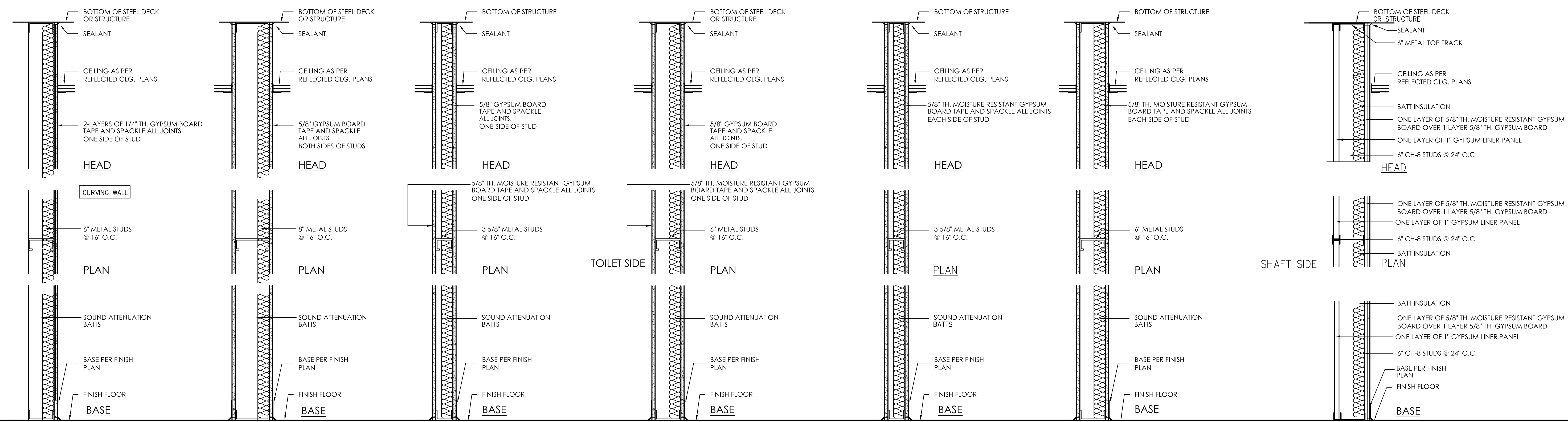


Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Jim

Wall Type  
Sections  
SHEET  
NUMBER  
**A1.9**



17

18

19

20

21

22

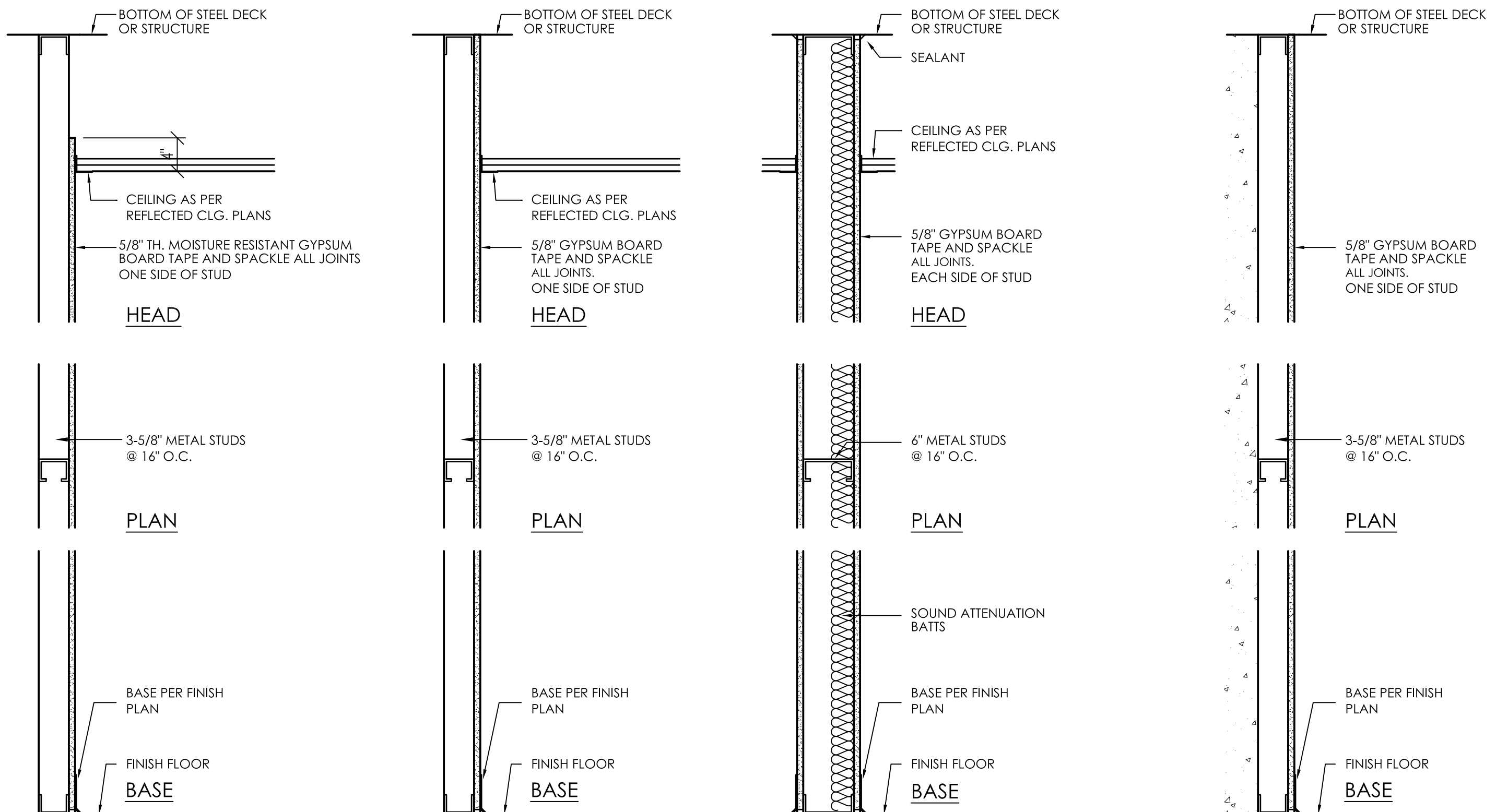
23

**ONE-HOUR RATED**

THIS PARTITION TO BE 1-HOUR RATED WHERE INDICATED ON PLANS. (UL DESIGN U465)

**TWO-HOUR RATED**

THIS PARTITION TO BE 2-HOUR RATED WHERE INDICATED ON PLANS. (UL DESIGN U438)



24

25

26

27

**ONE-HOUR RATED**

THIS PARTITION TO BE 1-HOUR RATED WHERE INDICATED ON PLANS. (UL DESIGN U465)

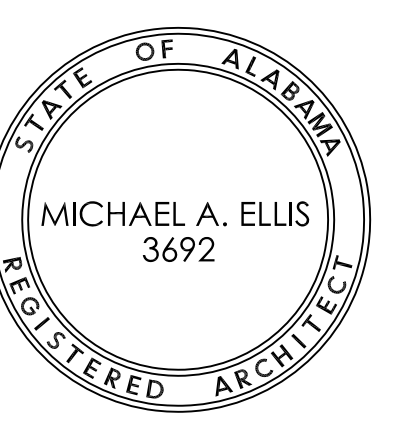
1  
A1.9

**WALL TYPES**

1" = 1'-0"

**WALL TYPE NOTES**

- WHERE RATED WALLS, FLOORS AND CEILINGS ARE SHOWN ON LIFE SAFETY PLANS, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RATED CONSTRUCTION. UL ASSEMBLIES LISTED IN THE DOCUMENTS ARE INTENDED ONLY AS A STARTING POINT.
- PROVIDE 5/8" MOISTURE-RESISTANT GYPSUM BOARD BEHIND ALL WALL TILE, TILE BASE AND BEHIND ALL SINKS (INCLUDING MOP/UTILITY SINKS), LAVATORIES & WATER FOUNTAINS. SEE FINISH PLANS AND INTERIOR ELEVATIONS.



Copyright © 2011  
Ellis Architects, Inc.

Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

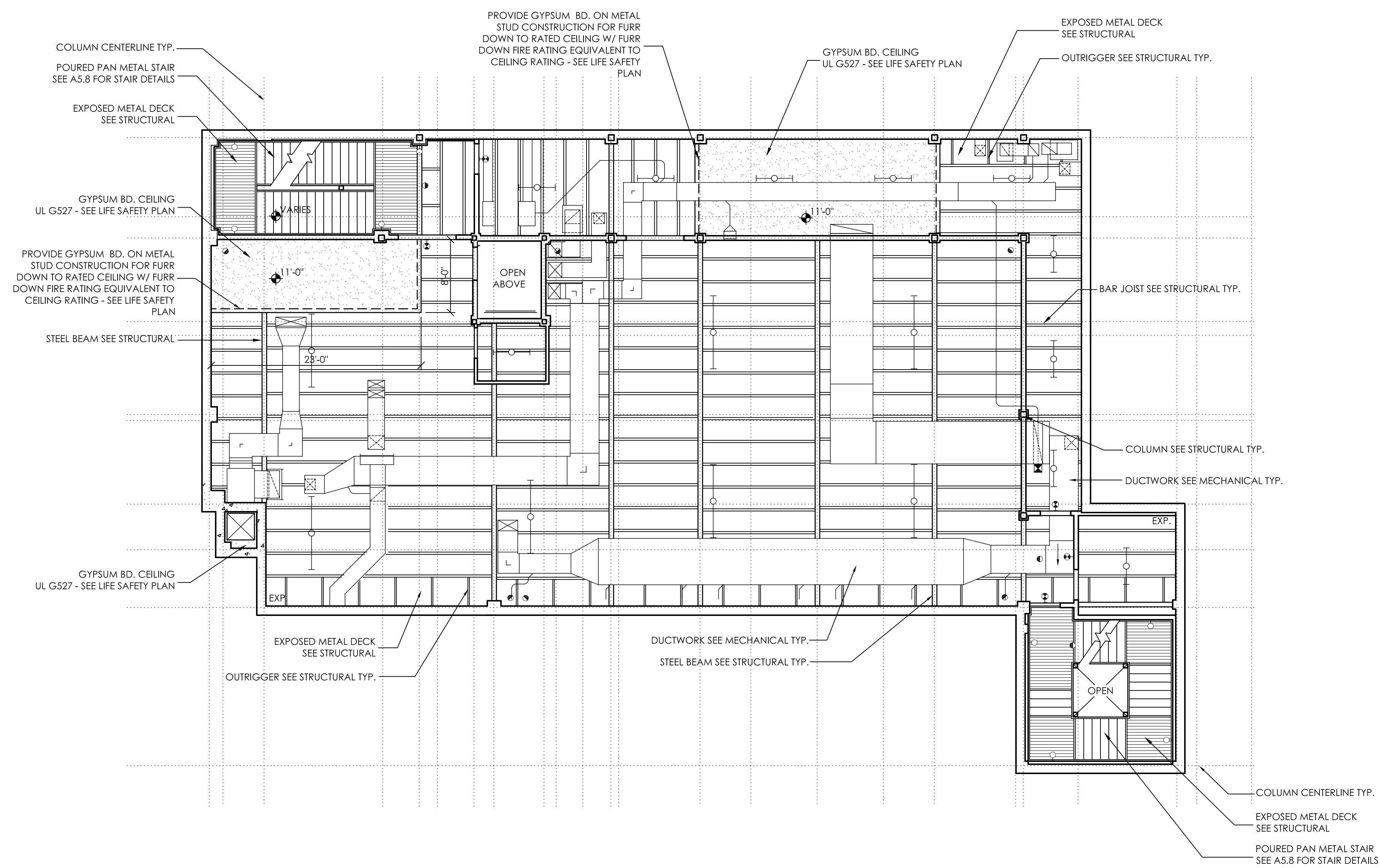
JOB No. **11006**

DATE: 7-12-11 REV DATE:

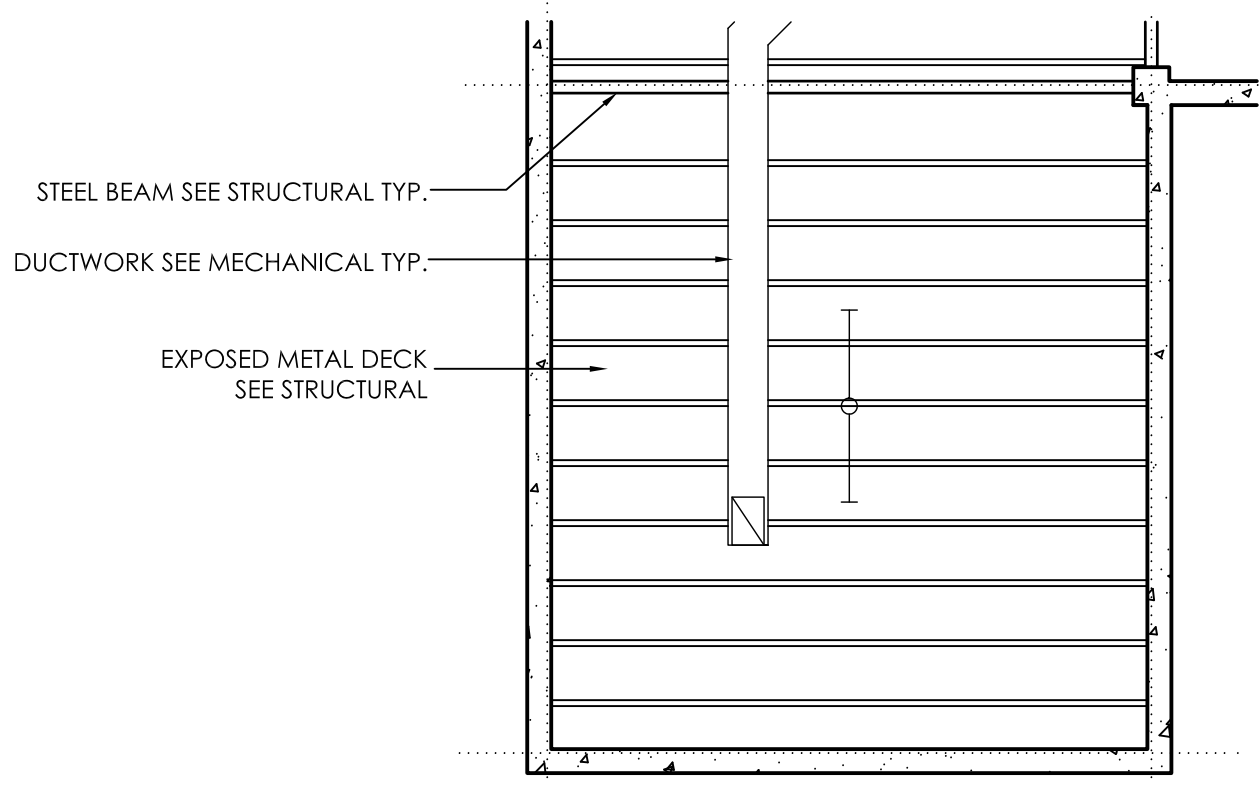
DRAWN BY: Jim

**Basement  
Floor RCP**

SHEET NUMBER **A2.0**



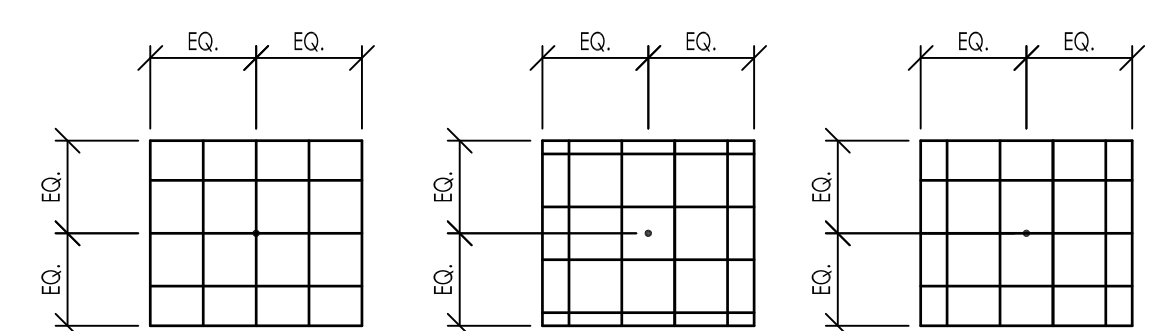
**1**  
A2.0  
BASEMENT FLOOR REFLECTED CEILING PLAN  
1/8" = 1'-0"



**2**  
A2.0  
ALTERNATE (PARTIAL) BASEMENT FLOOR PLAN  
1/8" = 1'-0"

**GENERAL CEILING NOTES**

- DO NOT SCALE DRAWINGS. HUMIDITY AFFECTS DRAWINGS.
- ALL CEILINGS TO BE 9'-0" A.F.F. UNLESS NOTED OTHERWISE.
- COORDINATE ALL LIGHT FIXTURE PLACEMENT WITH PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS.
- ACOUSTICAL TILE CEILINGS TO BE LAID OUT TO CENTER POINT OF ROOM IN ONE OF THE FOLLOWING MANNERS AS APPLICABLE TO LIGHTING LAYOUT:
- SEE SHEET A11.1 FOR CROWN MOLDING DETAILS.
- SEE LIFE SAFETY PLANS FOR ALL RATED FLOOR/CEILING/ROOF ASSEMBLIES.
- BCOJ = BOTTOM CHORD OF JOIST, BCOT = BOTTOM CHORD OF TRUSS, EXP. = EXPOSED

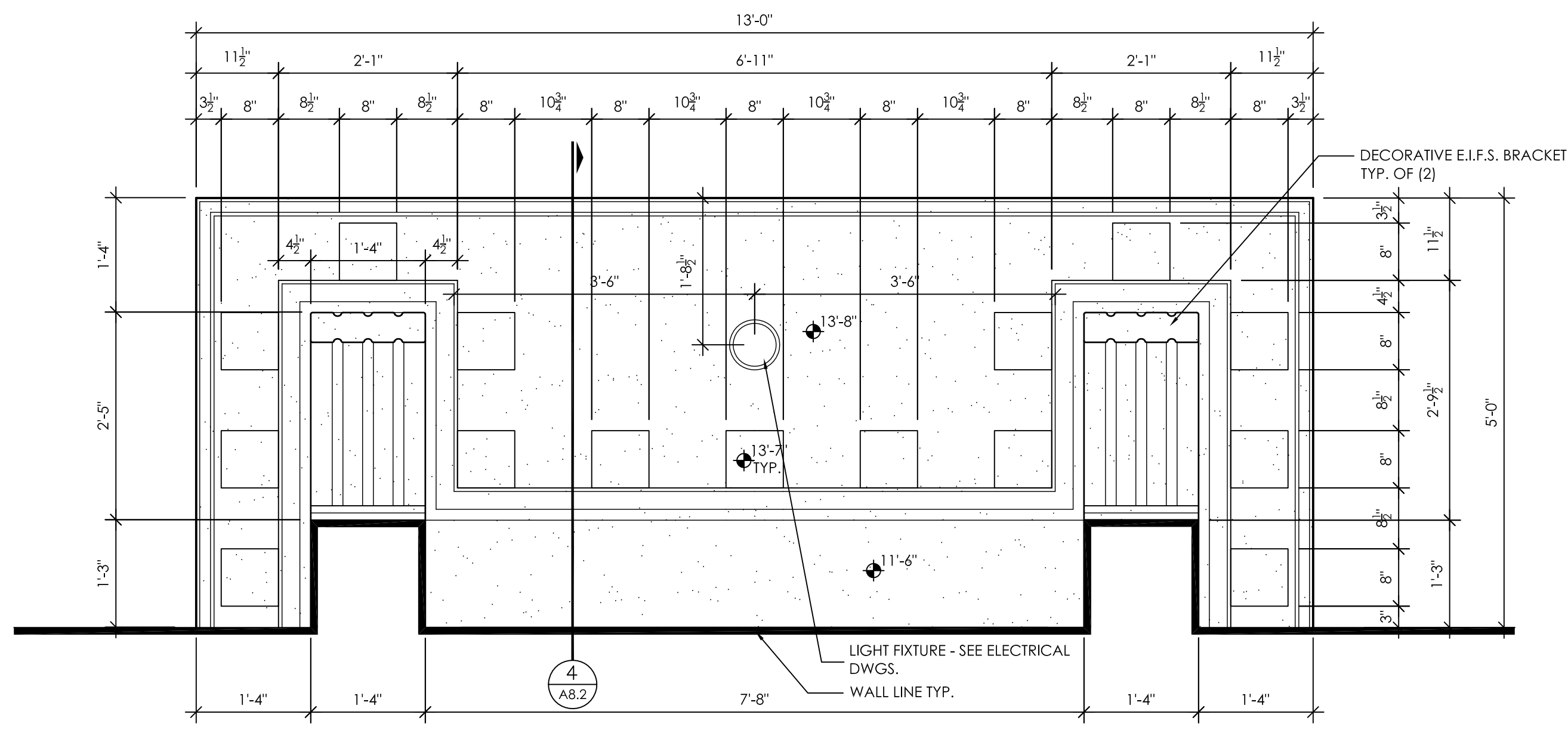


**SYMBOLS LEGEND**

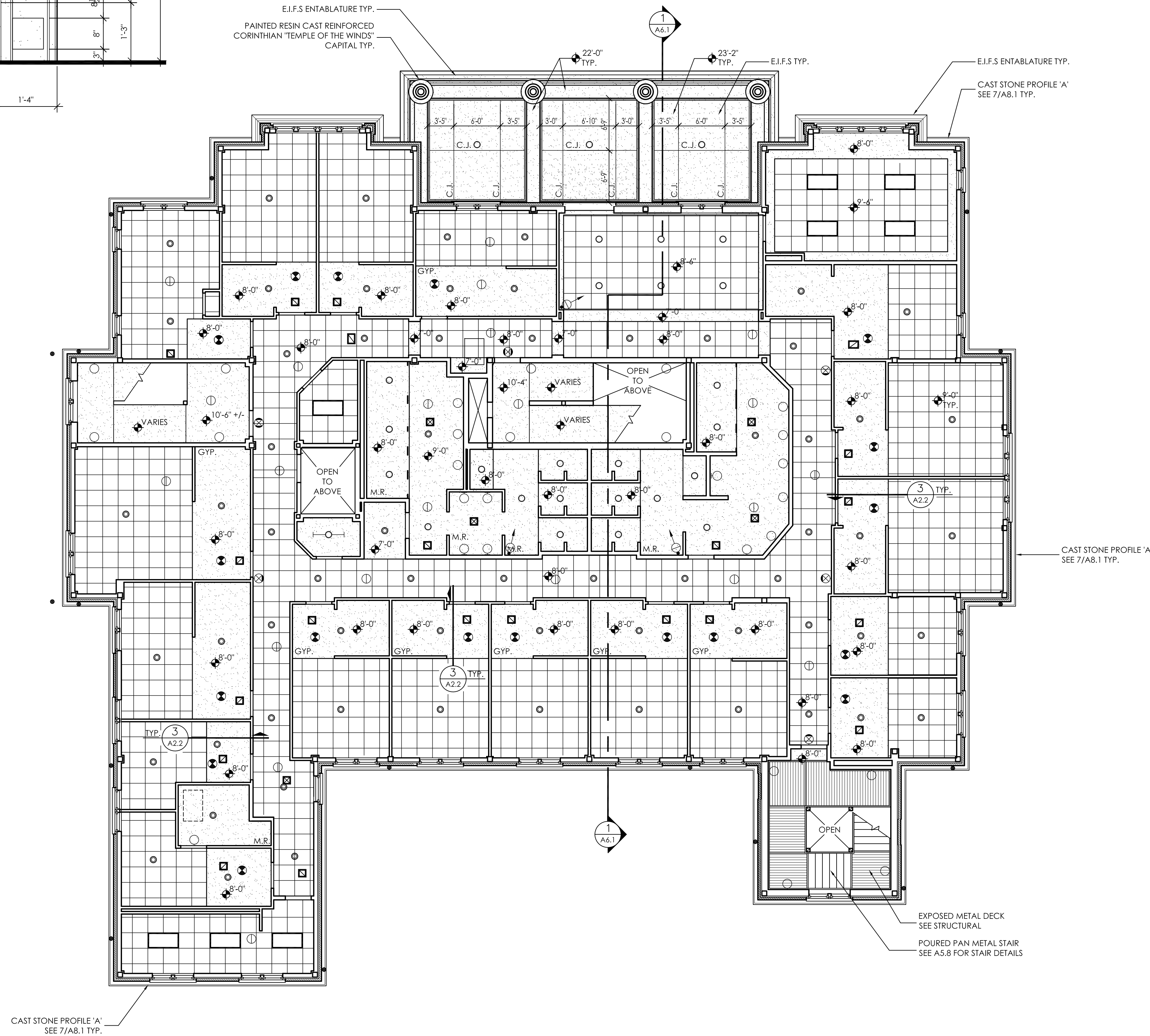
	2'-0" x 2'-0" SUSPENDED ACOUSTICAL TILE CEILING IN PREFINISHED METAL GRID, 9'-0" A.F.F. TYP U.N.O. (SEE LIFE SAFETY PLANS)		2' X 4' FLUORESCENT LIGHT FIXTURE - SEE ELECTRICAL		EXIT LIGHT - SEE ELECTRICAL
	GYPSUM WALL BOARD CEILING / PAINT (GYP.) (SEE LIFE SAFETY PLANS)		8 FT. FLUORESCENT STRIP FIXTURE - SEE ELECTRICAL		WALL MTD. EXIT LIGHT - SEE ELECTRICAL
	BEAD BOARD SOFFIT		4 FT. FLUORESCENT STRIP FIXTURE - SEE ELECTRICAL		RECESSED CAN FIXTURE - SEE ELECTRICAL
	2'-0" x 2'-0" SUSPENDED VINYL COATED GYPSUM TILE CEILING IN PREFINISHED METAL GRID, 9'-0" A.F.F. TYP U.N.O. (SEE LIFE SAFETY PLANS)		WALL MOUNTED LIGHT FIXTURE - SEE ELECTRICAL		CHANDELLER FIXTURE - SEE PLAN FOR SIZE
			TYPICAL CEILING HEIGHT DESIGNATION, REFERENCES FLOOR IMMEDIATELY BELOW		HVAC SUPPLY - SEE MECHANICAL
					HVAC RETURN - SEE MECHANICAL
					EXHAUST FAN - SEE MECHANICAL

ABBREVIATIONS: GYP. = GYPSUM BOARD, EXP. = EXPOSED CONSTRUCTION, M.R. = MOISTURE-RESISTANT GYPSUM BOARD

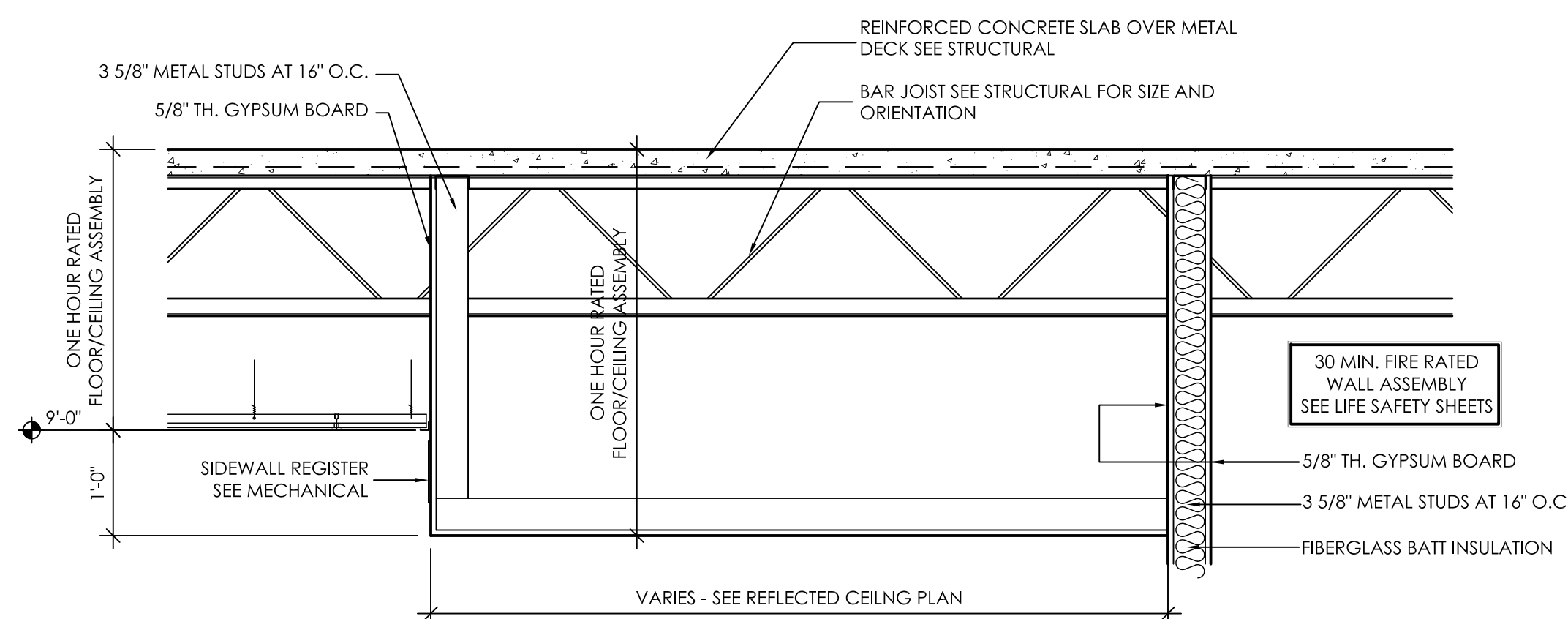




**2**  
A2.2  
**ENLARGED BALCONY REFLECTED CEILING PLAN**  
1/8" = 1'-0"



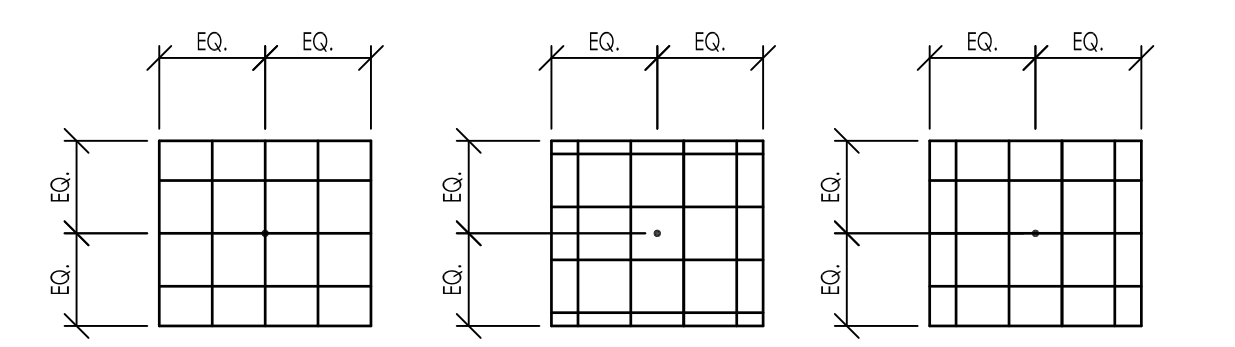
**1**  
A2.2  
**SECOND FLOOR REFLECTED CEILING PLAN**  
1/8" = 1'-0"



**3**  
A2.2  
**TYPICAL SECTION**  
3/4" = 1'-0"

**GENERAL CEILING NOTES**

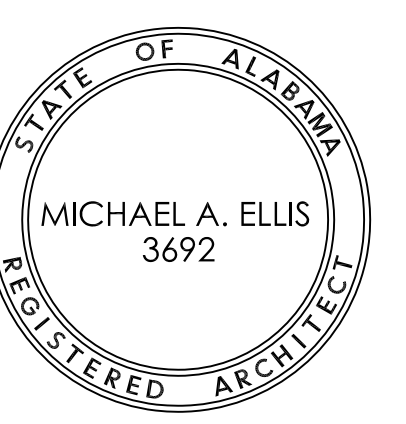
- DO NOT SCALE DRAWINGS. HUMIDITY AFFECTS DRAWINGS.
- ALL CEILINGS TO BE 9'-0" A.F.F. UNLESS NOTED OTHERWISE.
- COORDINATE ALL LIGHT FIXTURE PLACEMENT WITH PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS.
- ACOUSTICAL TILE CEILINGS TO BE LAID OUT TO CENTER POINT OF ROOM IN ONE OF THE FOLLOWING MANNERS AS APPLICABLE TO LIGHTING LAYOUT:
- SEE SHEET A11.1 FOR CROWN MOLDING DETAILS.
- SEE LIFE SAFETY PLANS FOR ALL RATED FLOOR/CEILING/ROOF ASSEMBLIES.
- BCOJ = BOTTOM CHORD OF JOIST, BCOOT = BOTTOM CHORD OF TRUSS, EXP. = EXPOSED



**SYMBOLS LEGEND**

	2'-0" x 2'-0" SUSPENDED ACOUSTICAL TILE CEILING IN PREFINISHED METAL GRID, 9'-0" A.F.F. TYP U.N.O. (SEE LIFE SAFETY PLANS)		2' X 4' FLUORESCENT LIGHT FIXTURE - SEE ELECTRICAL		EXIT LIGHT - SEE ELECTRICAL
	GYPSUM WALL BOARD CEILING / PAINT (GYP.) (SEE LIFE SAFETY PLANS)		8 FT. FLUORESCENT STRIP FIXTURE - SEE ELECTRICAL		WALL MTD. EXIT LIGHT - SEE ELECTRICAL
	BEAD BOARD SOFFIT		4 FT. FLUORESCENT STRIP FIXTURE - SEE ELECTRICAL		RECESSED CAN FIXTURE - SEE ELECTRICAL
	2'-0" x 2'-0" SUSPENDED VINYL COATED GYPSUM TILE CEILING IN PREFINISHED METAL GRID, 9'-0" A.F.F. TYP U.N.O. (SEE LIFE SAFETY PLANS)		WALL MOUNTED LIGHT FIXTURE - SEE ELECTRICAL		CHANDELLER FIXTURE - SEE PLAN FOR SIZE
	TYPICAL CEILING HEIGHT DESIGNATION, REFERENCES FLOOR IMMEDIATELY BELOW		HVAC SUPPLY - SEE MECHANICAL		HVAC RETURN - SEE MECHANICAL
			EXHAUST FAN - SEE MECHANICAL		

ABBREVIATIONS: GYP. = GYPSUM BOARD, EXP. = EXPOSED CONSTRUCTION, M.R. = MOISTURE-RESISTANT GYPSUM BOARD



Copyright © 2011  
Ellis Architects, Inc.

Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

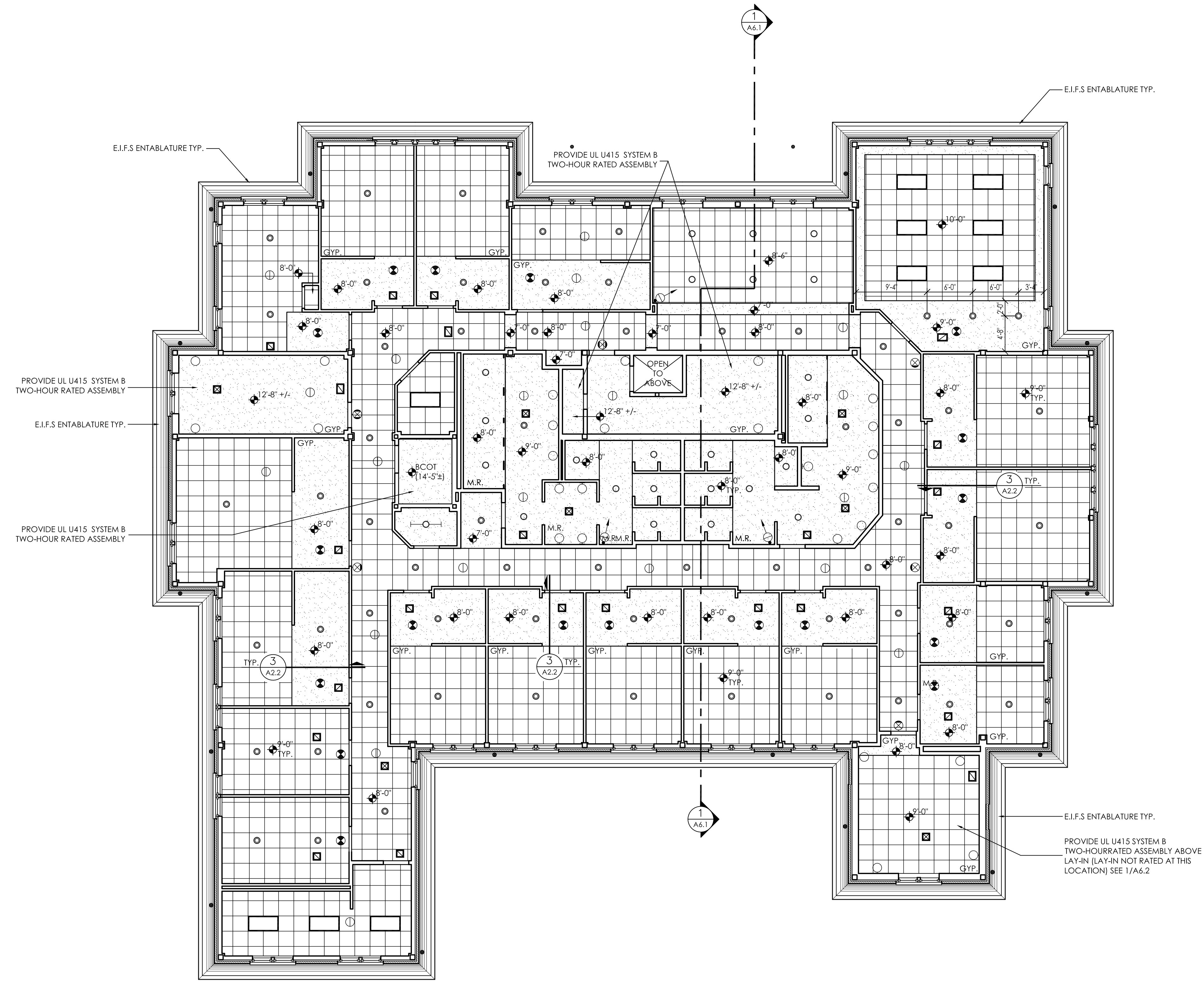
JOB No. **11006**

DATE: 7-12-11 REV DATE:

DRAWN BY: Jim

Third Floor  
RCP

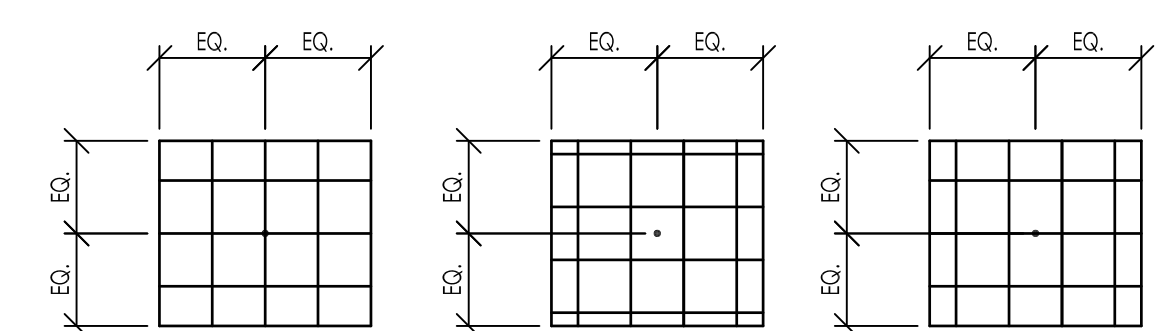
SHEET NUMBER **A2.3**



**1**  
**A2.3** THIRD FLOOR REFLECTED CEILING PLAN  
1/8" = 1'-0"

**GENERAL CEILING NOTES**

- DO NOT SCALE DRAWINGS. HUMIDITY AFFECTS DRAWINGS.
- ALL CEILINGS TO BE 9'-0" A.F.F. UNLESS NOTED OTHERWISE.
- COORDINATE ALL LIGHT FIXTURE PLACEMENT WITH PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS.
- ACOUSTICAL TILE CEILINGS TO BE LAID OUT TO CENTER POINT OF ROOM IN ONE OF THE FOLLOWING MANNERS AS APPLICABLE TO LIGHTING LAYOUT:
- SEE SHEET A11.1 FOR CROWN MOLDING DETAILS.
- SEE LIFE SAFETY PLANS FOR ALL RATED FLOOR/CEILING/ROOF ASSEMBLIES.
- BCOJ = BOTTOM CHORD OF JOIST, BCOT = BOTTOM CHORD OF TRUSS, EXP. = EXPOSED



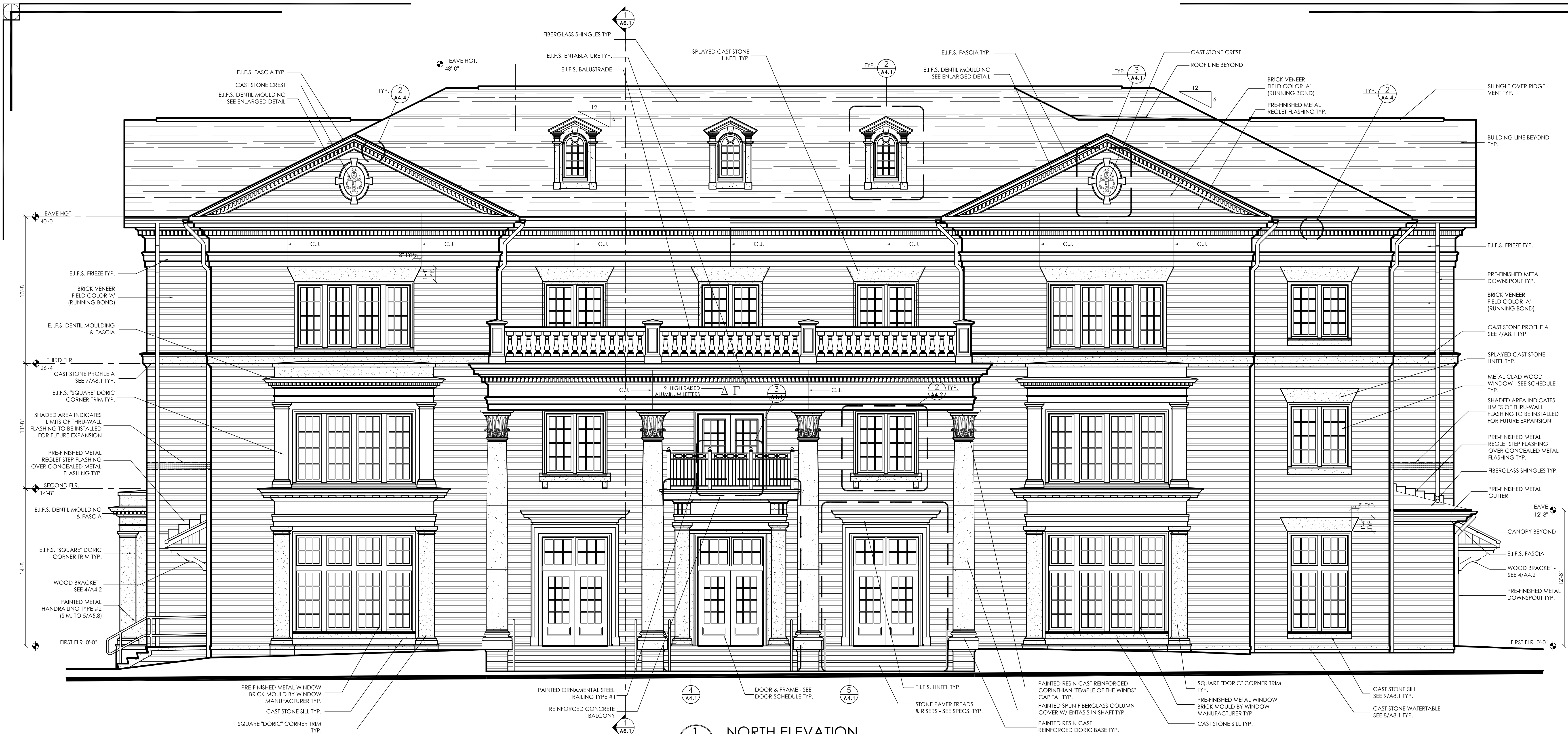
**SYMBOLS LEGEND**

- |   |  |  |
|---|--|--|
| 2'-0" x 2'-0" SUSPENDED ACOUSTICAL TILE CEILING IN PREFINISHED METAL GRID, 9'-0" A.F.F. TYP U.N.O. (SEE LIFE SAFETY PLANS)          | 2' x 4' FLUORESCENT LIGHT FIXTURE - SEE ELECTRICAL                     | EXIT LIGHT - SEE ELECTRICAL            |
| GYPSUM WALL BOARD CEILING / PAINT (GYP.) (SEE LIFE SAFETY PLANS)  | 8 FT. FLUORESCENT STRIP FIXTURE - SEE ELECTRICAL                       | WALL MTD. EXIT LIGHT - SEE ELECTRICAL  |
| BEAD BOARD SOFFIT   | 4 FT. FLUORESCENT STRIP FIXTURE - SEE ELECTRICAL                       | RECESSED CAN FIXTURE - SEE ELECTRICAL  |
| 2'-0" x 2'-0" SUSPENDED VINYL COATED GYPSUM TILE CEILING IN PREFINISHED METAL GRID, 9'-0" A.F.F. TYP U.N.O. (SEE LIFE SAFETY PLANS) | WALL MOUNTED LIGHT FIXTURE - SEE ELECTRICAL                            | CHANDELIER FIXTURE - SEE PLAN FOR SIZE |
|   | TYPICAL CEILING HEIGHT DESIGNATION, REFERENCES FLOOR IMMEDIATELY BELOW | HVAC SUPPLY - SEE MECHANICAL           |
|   |  | HVAC RETURN - SEE MECHANICAL           |
|   |  | EXHAUST FAN - SEE MECHANICAL           |

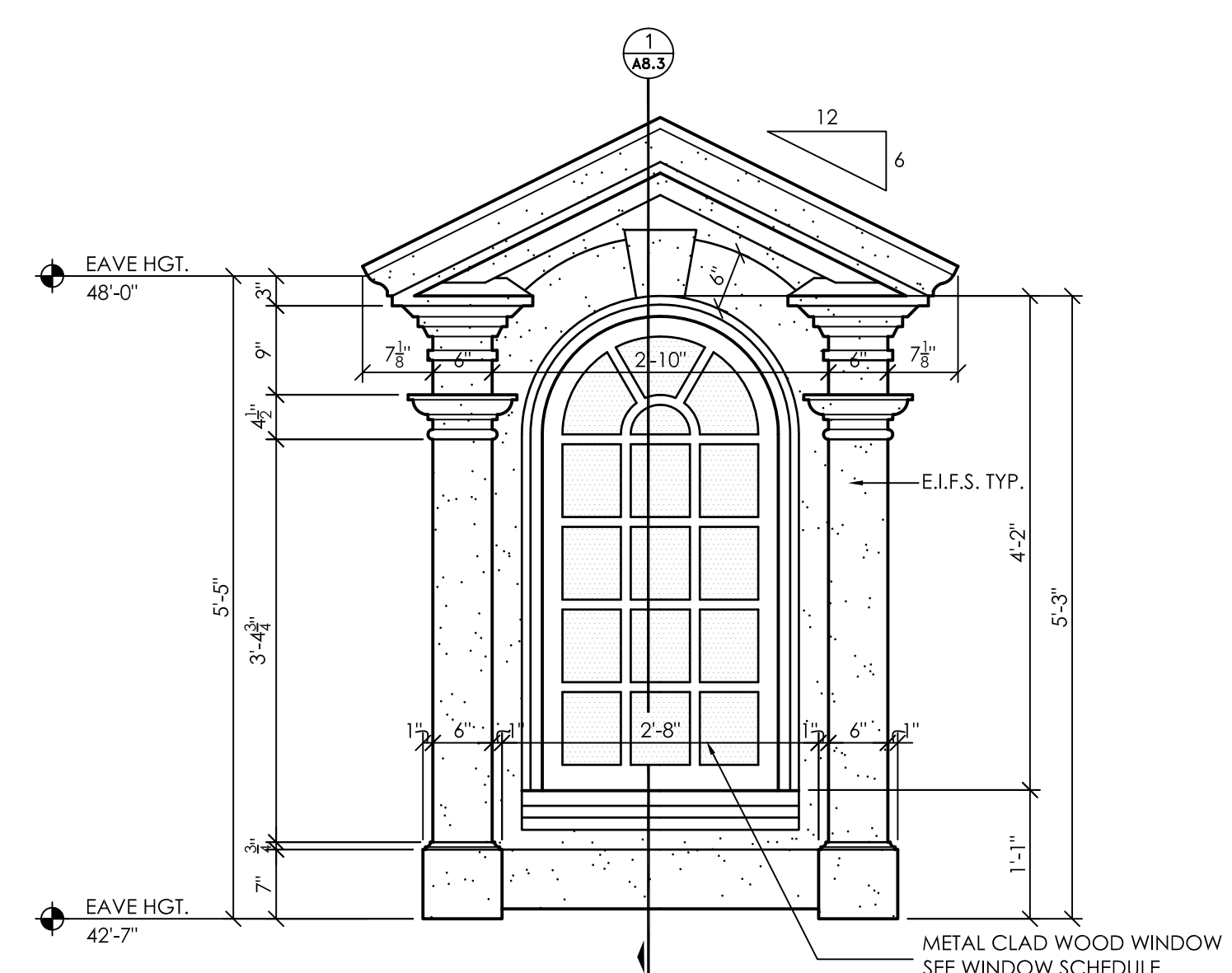
ABBREVIATIONS: GYP. = GYPSUM BOARD, EXP. = EXPOSED CONSTRUCTION, M.R. = MOISTURE-RESISTANT GYPSUM BOARD



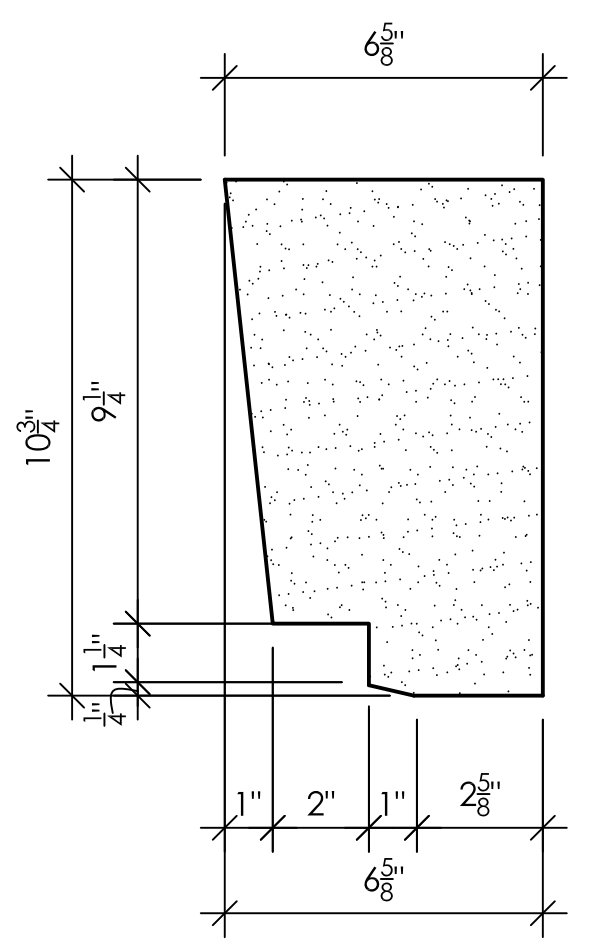




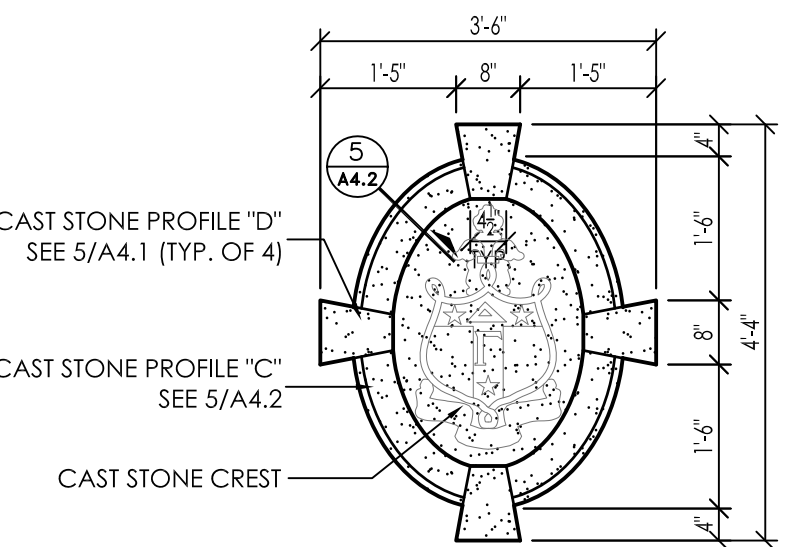
**1 NORTH ELEVATION**  
1/4" = 1'-0"



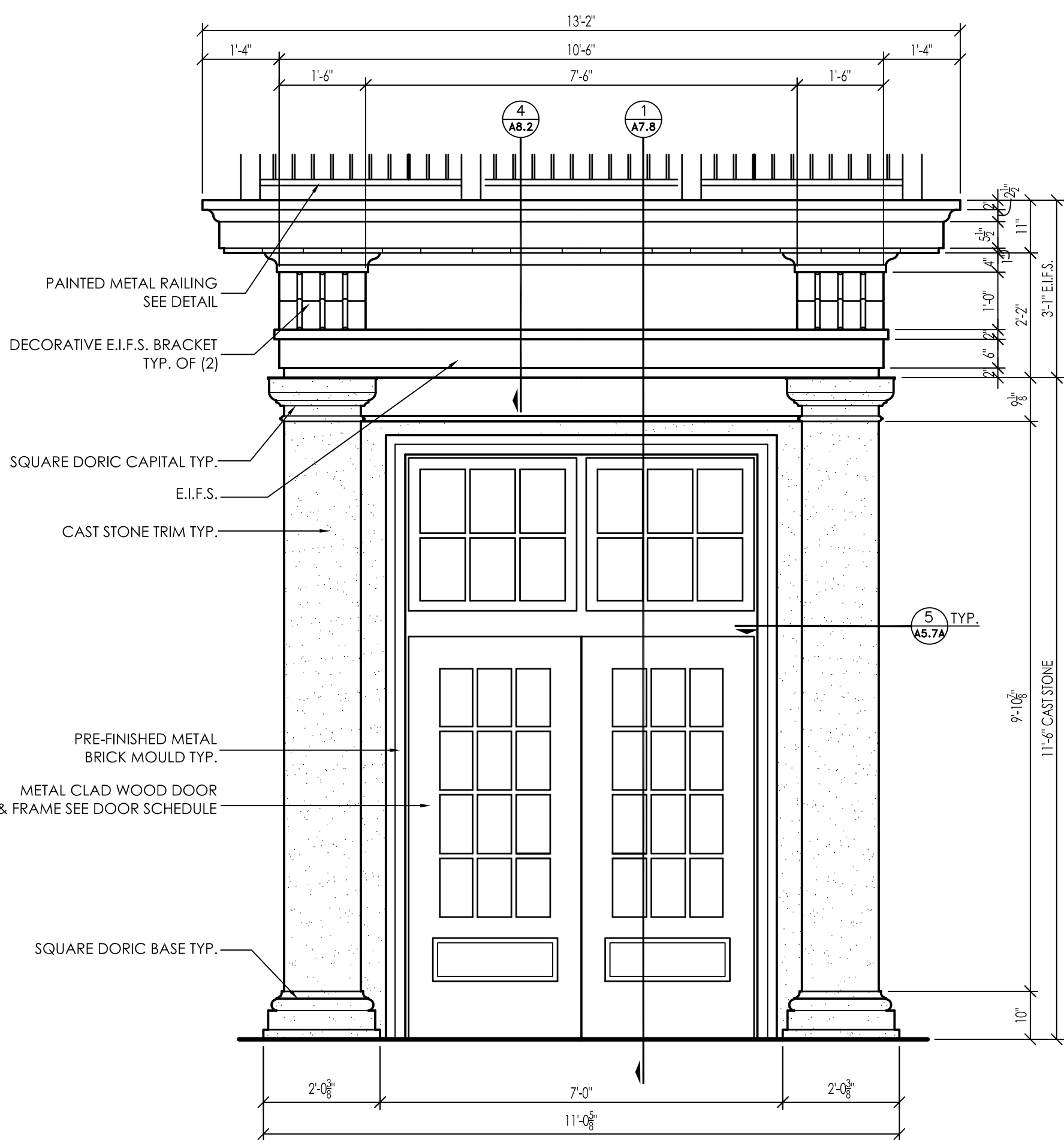
**2 DETAIL**  
A4.1 3/4" = 1'-0"



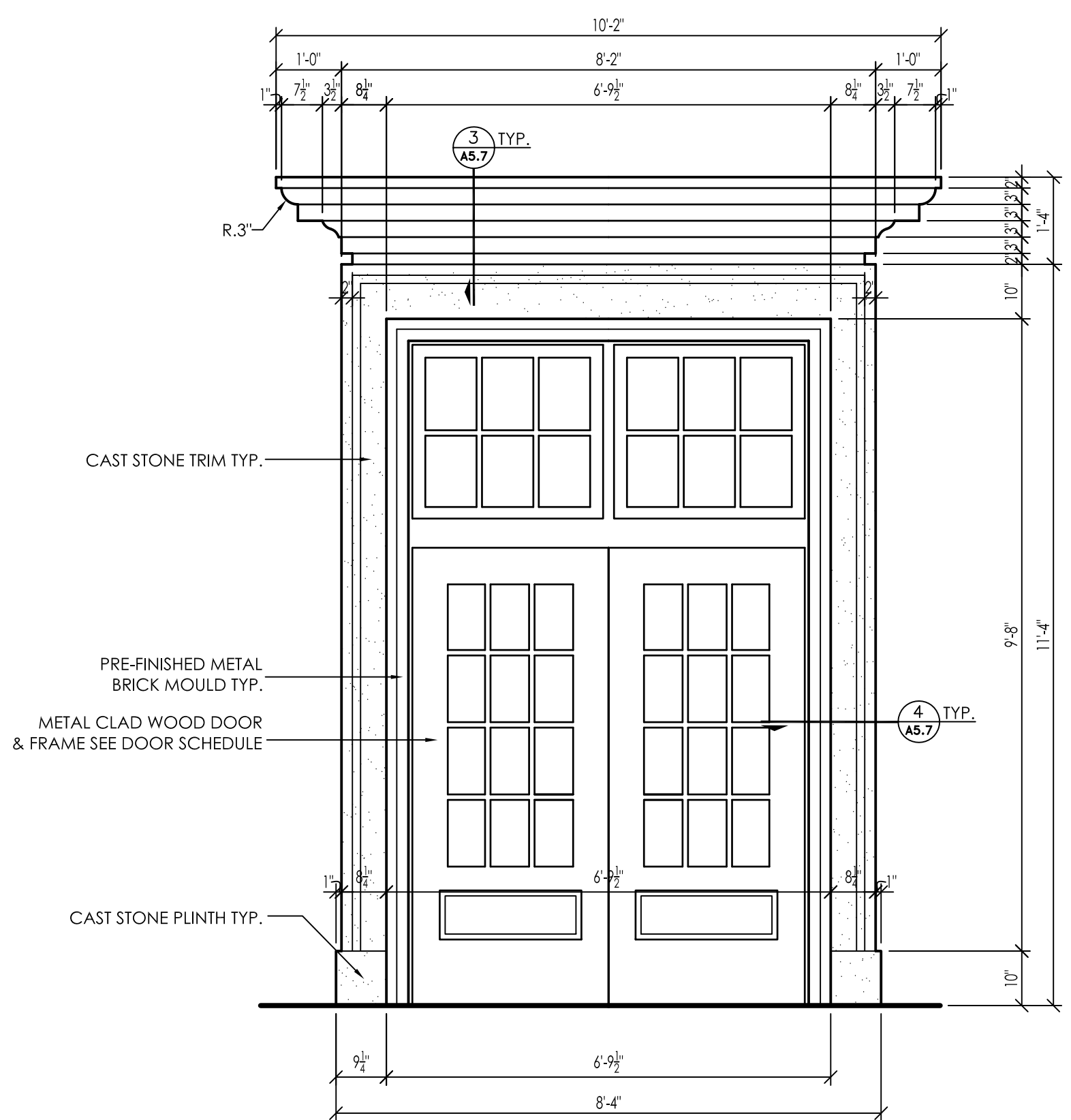
**6 PROFILE "D" CAST STONE DETAIL**  
A4.1 3" = 1'-0"



**3 DETAIL**  
A4.1 1/2" = 1'-0"

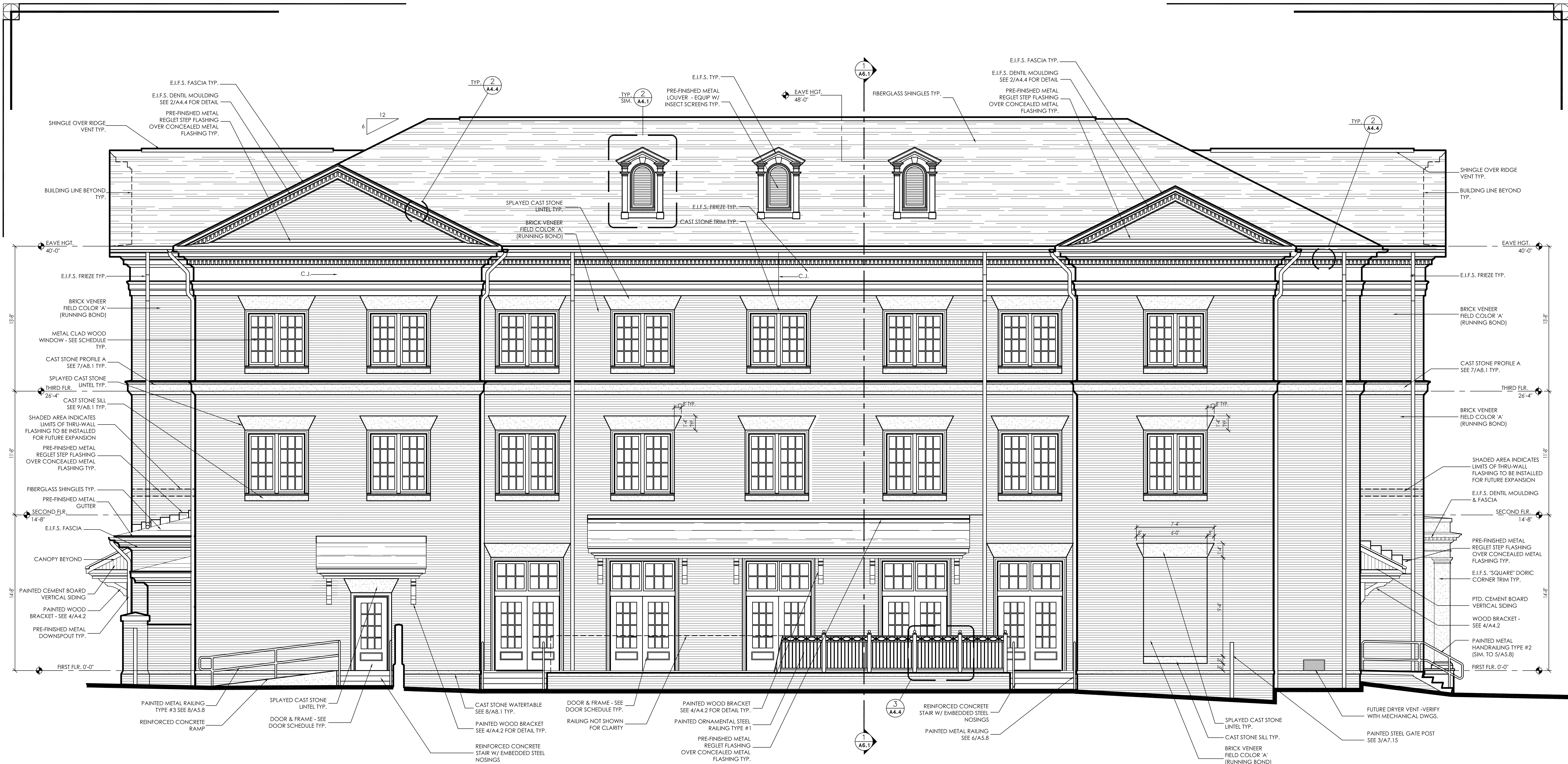


**4 DETAIL**  
A4.1 1/2" = 1'-0"



**5 DETAIL**  
A4.1 1/2" = 1'-0"

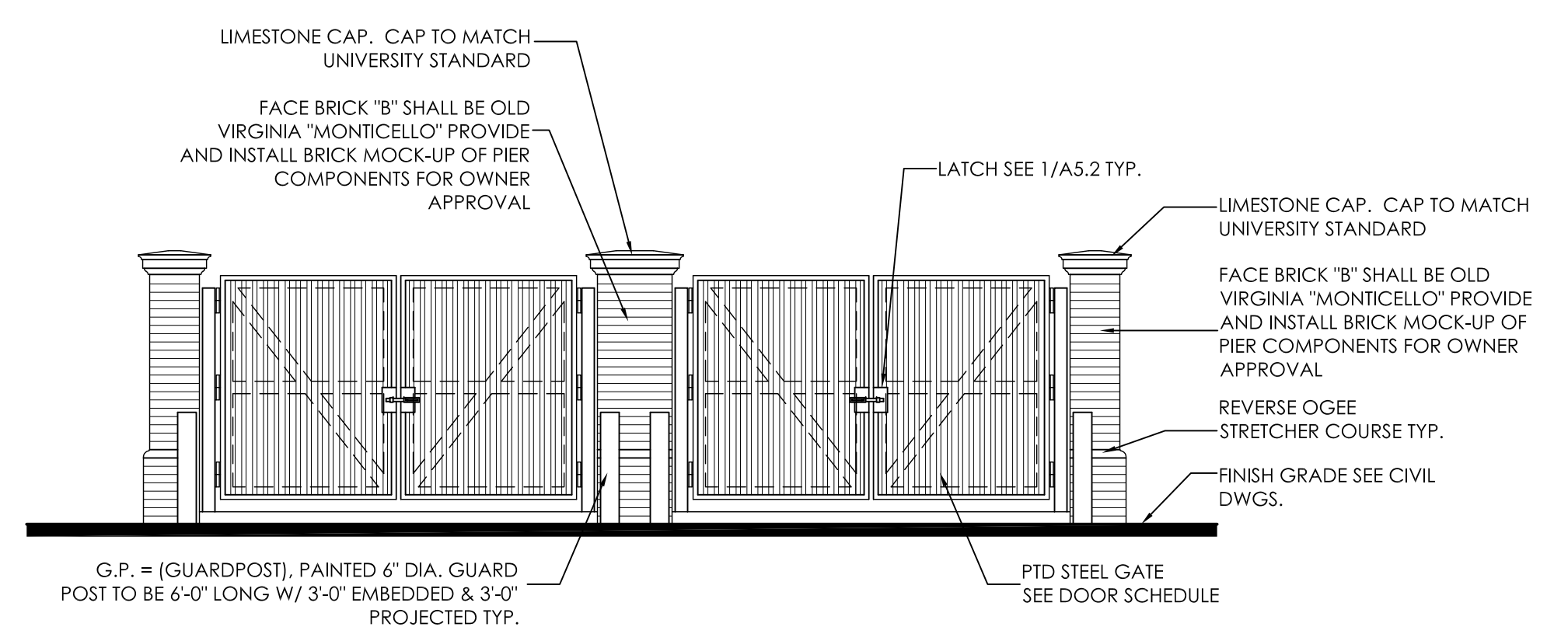




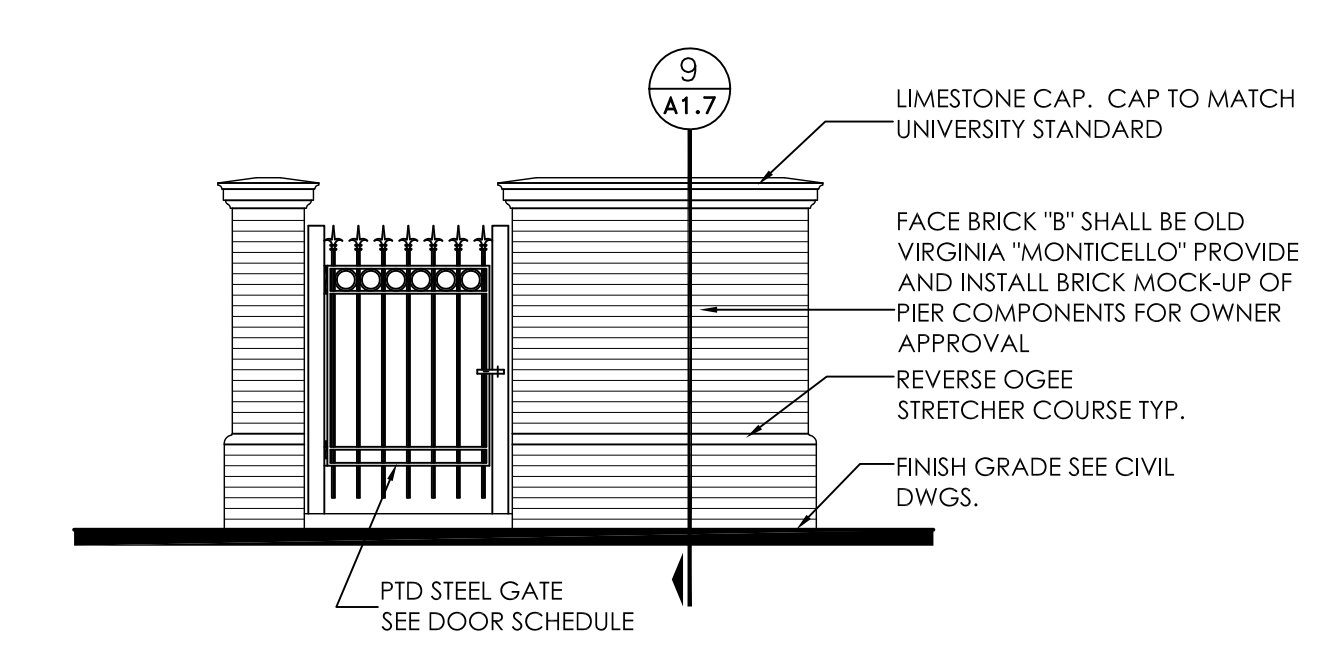
**1 SOUTH ELEVATION**  
 1/4" = 1'-0"



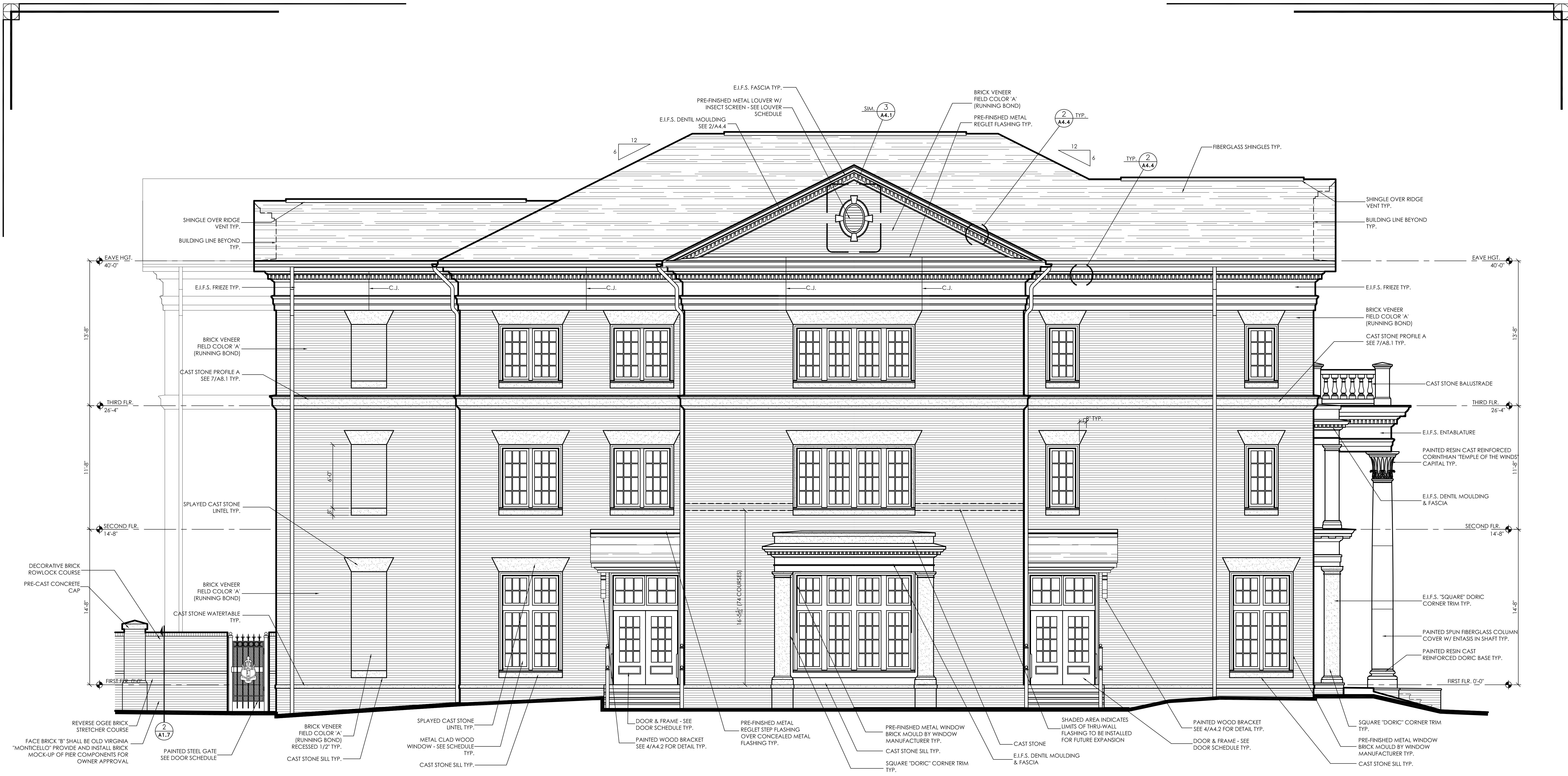
**2 NORTH ELEVATION**  
 1/4" = 1'-0"



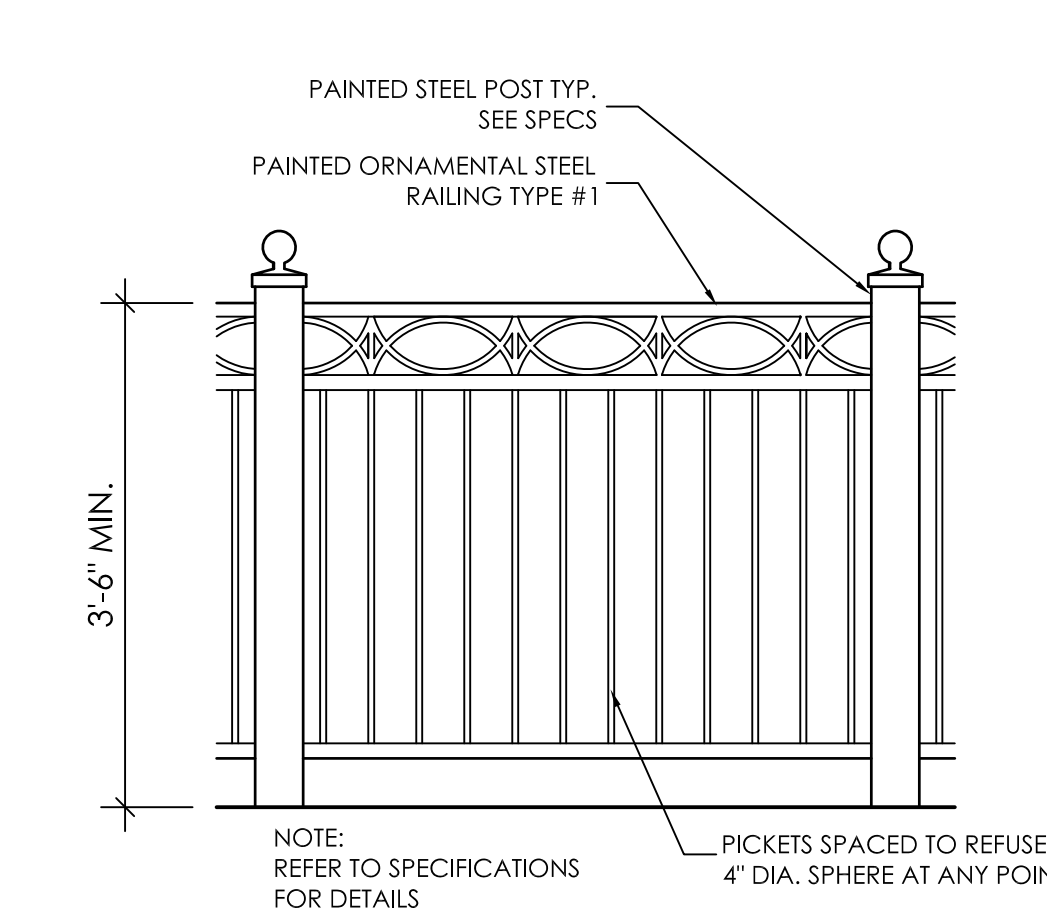
**3 SOUTH ELEVATION**  
 1/4" = 1'-0"



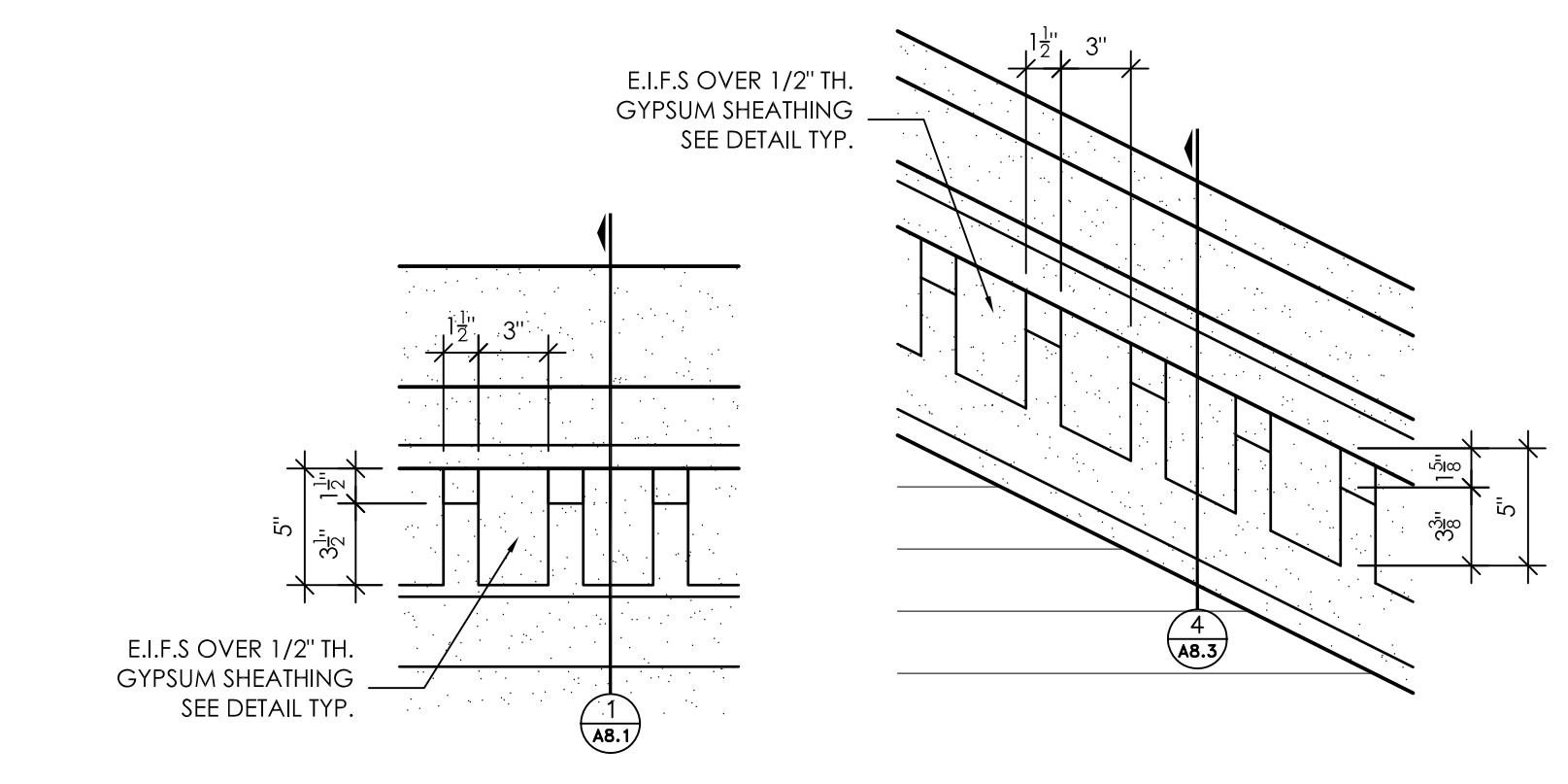
**4 WEST ELEVATION**  
 1/4" = 1'-0"



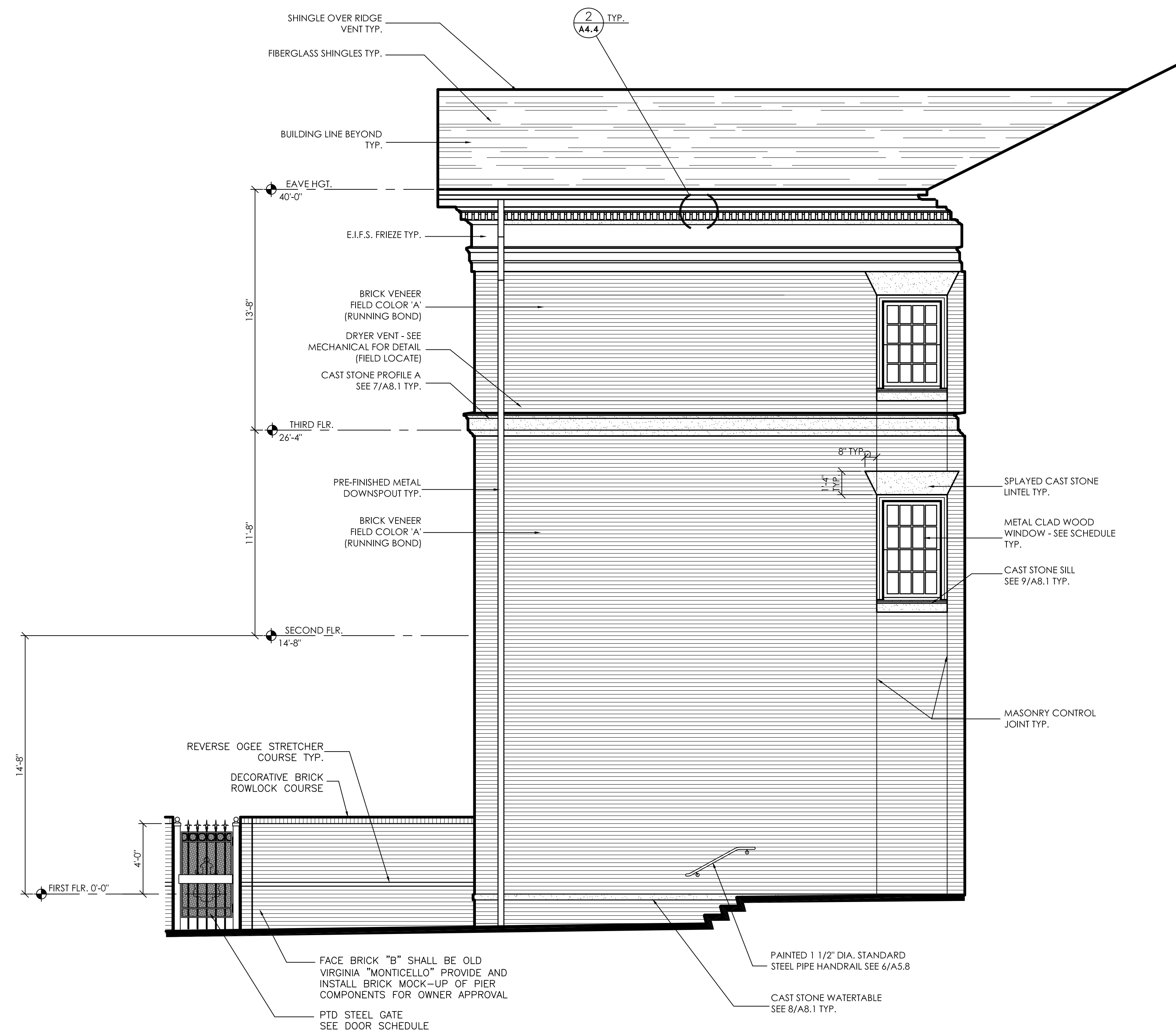
**1**  
**A4.4** EAST ELEVATION  
1/4" = 1'-0"



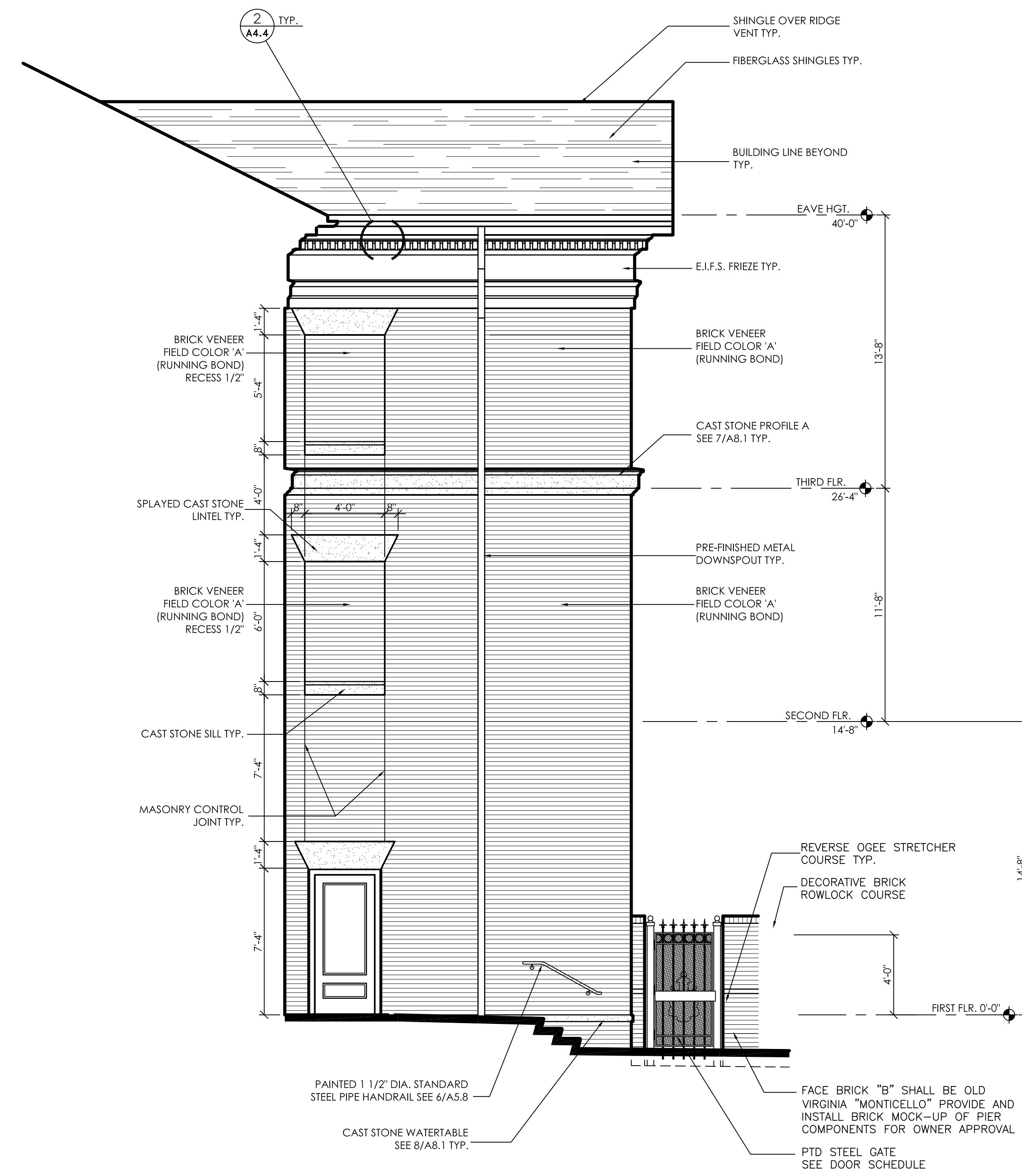
**3**  
**A4.4** RAILING TYPE #1 DETAIL  
3/4" = 1'-0"



**2**  
**A4.4** TYPICAL DENTIL DETAIL  
1 1/2" = 1'-0"



1 PARTIAL ELEVATION  
A4.5 1/4" = 1'-0"



2 PARTIAL ELEVATION  
A4.5 1/4" = 1'-0"

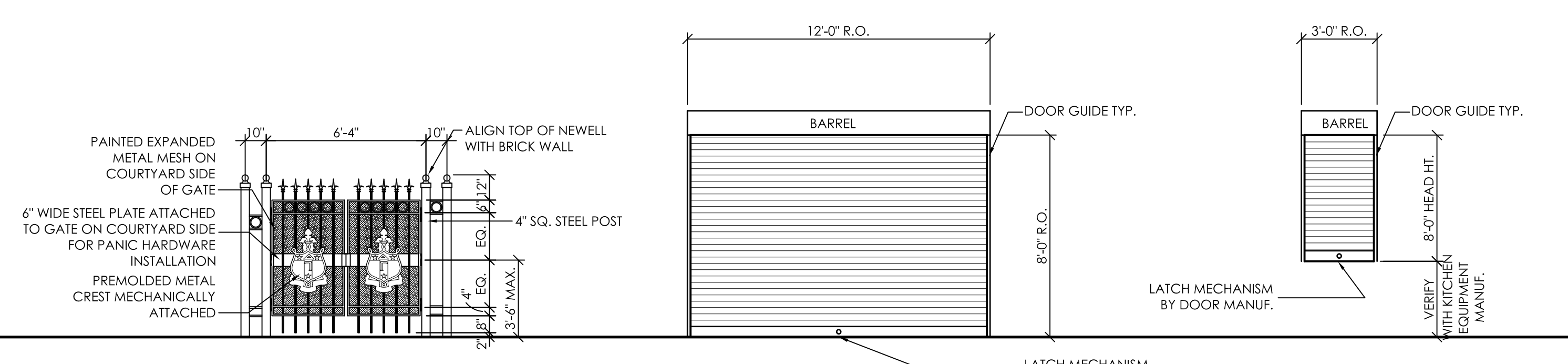
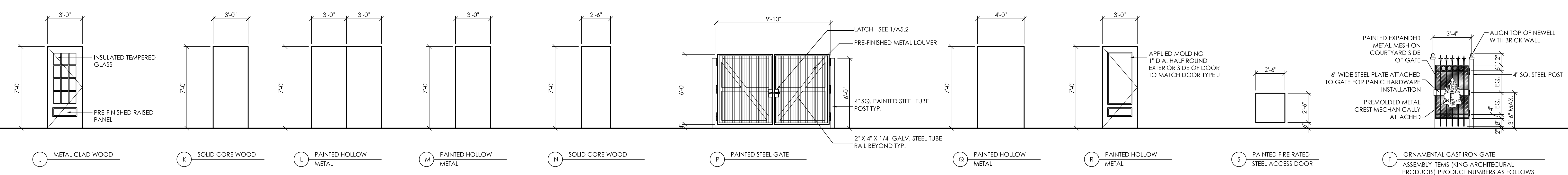
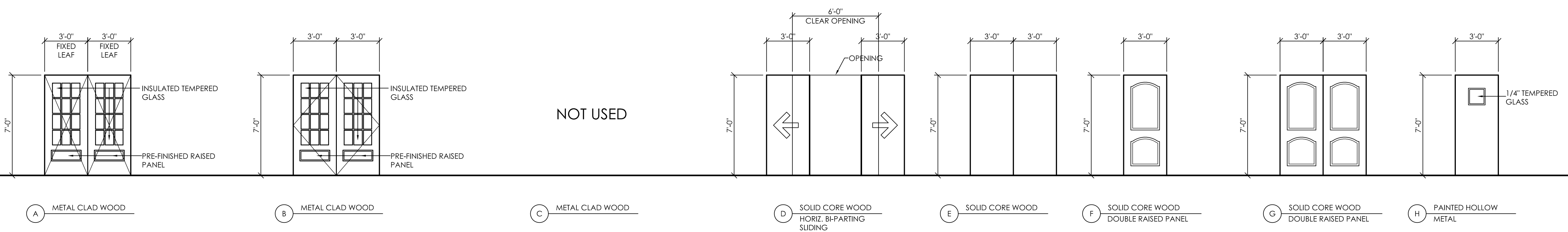
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Jim
<b>EXTERIOR ELEVATIONS</b>	
SHEET NUMBER	A4.5

DOOR SCHEDULE - BASEMENT													
NO.	DOOR			FRAME		LABEL	DETAILS			SECURITY REQUIREMENT	REMARKS		
	WIDTH	HEIGHT	THICK	TYPE	MATL.		TYPE	MATL.	HEAD			JAMB	SILL
001A	3'-0"	7'-0"	1 3/4"	M	PHM	5	PHM	-	10/A5.5	11/A5.5	12/A5.5		
003A	3'-0"	7'-0"	1 3/4"	M	PHM	5	PHM	-	6/A5.7	7/A5.7	8/A5.7		
003B	PR. 3'-0"	7'-0"	1 3/4"	L	PHM	4	PHM	-	6/A5.7	7/A5.7	8/A5.7		
004A	3'-0"	7'-0"	1 3/4"	M	PHM	5	PHM	20 MIN.	10/A5.5	11/A5.5	12/A5.5		
ST1A	3'-0"	7'-0"	1 3/4"	M	PHM	5	PHM	90 MIN.	7/A5.5	8/A5.5	9/A5.5	CARD READER - AC	
ST3A	PR. 3'-0"	7'-0"	1 3/4"	L	PHM	4	PHM	90 MIN.	7/A5.5	8/A5.5	9/A5.5	CARD READER - AC	
ST3B	3'-0"	7'-0"	1 3/4"	M	PHM	5	PHM	90 MIN.					

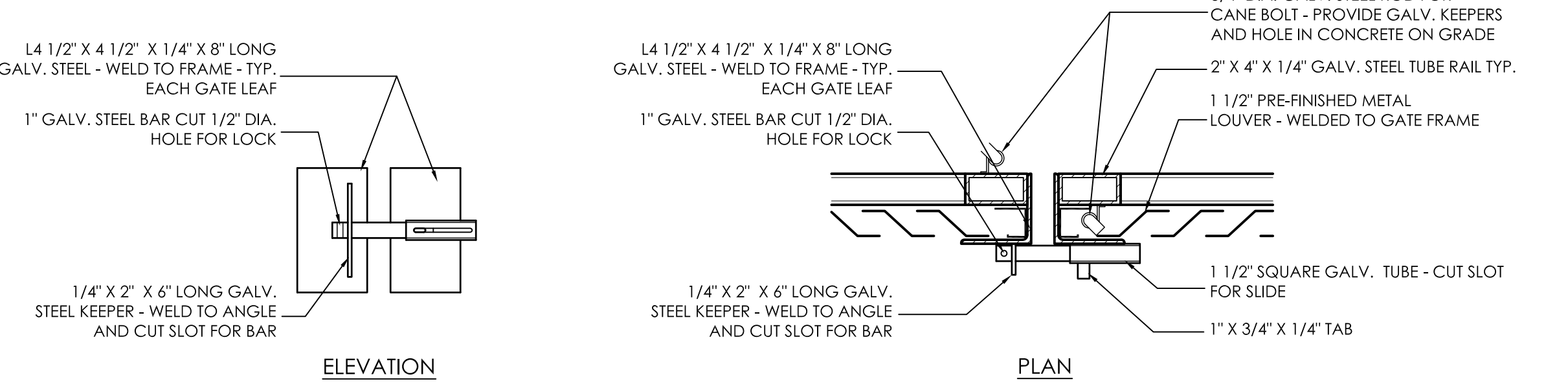
DOOR SCHEDULE - FIRST FLOOR													
NO.	DOOR			FRAME		LABEL	DETAILS			SECURITY REQUIREMENT	REMARKS		
	WIDTH	HEIGHT	THICK	TYPE	MATL.		TYPE	MATL.	HEAD			JAMB	SILL
100A	PR. 3'-0"	7'-0"	1 3/4"	A	MCW	1	MCW	-	1/A5.4	2/A5.5	3/A5.5		
100B	PR. 3'-0"	7'-0"	SPECS.	B	MCW	2	MCW	-	10/A5.6	2/A5.5	3/A5.5		
100C	PR. 3'-0"	7'-0"	SPECS.	B	MCW	2	MCW	-	10/A5.6	2/A5.5	3/A5.5		
100D	PR. 3'-0"	7'-0"	SPECS.	B	MCW	2	MCW	-	10/A5.6	2/A5.5	3/A5.5		
100E	PR. 3'-0"	7'-0"	SPECS.	A	MCW	1	MCW	-	1/A5.4	2/A5.5	3/A5.5		
101A	PR. 3'-0"	7'-0"	1 3/4"	D	SCW	3	STEEL	-	6/A5.7A	7/A5.7A	-		
101B	PR. 3'-0"	7'-0"	SPECS.	B	MCW	2	MCW	-	10/A5.6 SIM.	2/A5.5	3/A5.5	CARD READER - AC	
102A	PR. 3'-0"	7'-0"	1 3/4"	D	SCW	3	STEEL	-	6/A5.7A	7/A5.7A	-		
102B	3'-0"	7'-0"	1 3/4"	F	SCW	5	PHM	-	1/A5.6	2/A5.6	3/A5.6		SIMILAR HEAD, JAMB AND SILL SEE WALL TYPE 15 FOR STUD WIDTH.
103A	PR. 3'-0"	7'-0"	1 3/4"	D	SCW	3	STEEL	-	6/A5.7A	7/A5.7A	-		
103B	PR. 3'-0"	7'-0"	SPECS.	B	MCW	2	MCW	-	10/A5.6 SIM.	2/A5.5	3/A5.5		
104A	PR. 3'-0"	7'-0"	SPECS.	B	MCW	2	MCW	-	3/A5.7	4/A5.7	5/A5.7		
104B	PR. 3'-0"	7'-0"	SPECS.	B	MCW	2	MCW	-	4/A5.7A	5/A5.7A	5/A5.7	CARD READER - AC	
104C	PR. 3'-0"	7'-0"	SPECS.	B	MCW	2	MCW	-	3/A5.7	4/A5.7	5/A5.7		
105A	3'-0"	7'-0"	1 3/4"	F	SCW	5	PHM	-	1/A5.6	2/A5.6	3/A5.6		
106A	3'-0"	7'-0"	1 3/4"	F	SCW	5	PHM	-	1/A5.6	2/A5.6	3/A5.6		
108A	3'-0"	7'-0"	1 3/4"	F	SCW	5	PHM	-	1/A5.6	2/A5.6	4/A5.6		
109A	3'-0"	7'-0"	1 3/4"	F	SCW	5	PHM	-	1/A5.6	2/A5.6	4/A5.6		
110A	3'-0"	7'-0"	1 3/4"	F	SCW	5	PHM	-	4/A5.5	5/A5.5	14/A5.5		
110B	3'-0"	7'-0"	1 3/4"	F	SCW	5	PHM	-	5/A5.6	6/A5.6	4/A5.6		
111A	3'-0"	7'-0"	1 3/4"	F	SCW	5	PHM	-	4/A5.5	5/A5.5	14/A5.5		
112A	PR. 3'-0"	7'-0"	SPECS.	B	MCW	6	MCW	-	10/A5.6	2/A5.5	3/A5.5	CARD READER - AC	
112B	PR. 3'-0"	7'-0"	1 3/4"	G	SCW	4	PHM	90 MIN.	9/A5.7	10/A5.7	11/A5.7	ON HOLD OPEN DEVICE	
113A	3'-0"	7'-0"	1 3/4"	F	SCW	5	PHM	-	1/A5.6	2/A5.6	4/A5.6		
113B	3'-0"	7'-0"	1 3/4"	F	SCW	5	PHM	-	1/A5.6	2/A5.6	4/A5.6		DOUBLE SWINGING SELF CENTERING HINGES
115A	3'-0"	7'-0"	1 3/4"	H	PHM	5	PHM	-	1/A5.6	2/A5.6	7/A5.6	WOOD ROLL-UP DOOR	
115B	12'-0" R.O.	8'-0" R.O.	-	V	WOOD	-	-	-	3/A4.2	MFR.	MFR.	CARD READER - AC	
116A	3'-0"	7'-0"	1 3/4"	J	MCW	7	MCW	-	1/A5.5	2/A5.5	9/A5.6		WOOD ROLL-UP DOOR
116B	3'-0" R.O.	VERIFY	-	W	WOOD	-	-	-	3/A4.2	MFR.	MFR.		
117A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	-	10/A5.5	11/A5.5	8/A5.6		
118A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	-	10/A5.5	11/A5.5	8/A5.6		
119A	PR. 3'-0"	VARIES	-	U	STEEL	-	-	-	-	-	-	ORNAMENTAL GATE - SEE A1.7	
119B	3'-0"	VARIES	-	T	STEEL	-	-	-	-	-	-	ORNAMENTAL GATE - SEE A1.7	
119C	PR. 3'-0"	VARIES	-	U	STEEL	-	-	-	-	-	-	ORNAMENTAL GATE - SEE A1.7	
120A	PR. 5'-0"	-	-	P	STEEL	-	-	-	-	-	-	SEE 3/A7.15	
120B	PR. 5'-0"	-	-	P	STEEL	-	-	-	-	-	-	SEE 3/A7.15	
120C	3'-6"	-	-	X	STEEL	-	-	-	2/A5.7A	-	-	PAINTED STEEL GATE - SEE 3/A7.15	
120D	3'-6"	-	-	X	STEEL	-	-	-	2/A5.7A	-	-	PAINTED STEEL GATE - SEE 3/A7.15	
ST1A													
ST1B	3'-0"	7'-0"	1 3/4"	R	PHM	11	PHM	90 MIN.	1/A5.5	2/A5.5	3/A5.5	CARD READER - AC	
ST1C	3'-0"	7'-0"	1 3/4"	M	PHM	5	PHM	90 MIN.	1/A5.7	2/A5.7	6/A5.5		
ST3A													
C100A	3'-0"	VARIES	-	T	STEEL	-	-	-	-	-	-	ORNAMENTAL GATE - SEE A1.7	

DOOR SCHEDULE - SECOND FLOOR													
NO.	DOOR			FRAME		LABEL	DETAILS			SECURITY REQUIREMENT	REMARKS		
	WIDTH	HEIGHT	THICK	TYPE	MATL.		TYPE	MATL.	HEAD			JAMB	SILL
201A													
201B													
202A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
203A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
204A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
205A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
206A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
207A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
208A	PR. 3'-0"	7'-0"	SPECS	B	MCW	6	MCW	-	11/A5.4	2/A5.5	4/A8.2		
209A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
211A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
212A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
213A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
213B	2'-6"	7'-0"	1 3/4"	K	SCW	9	PHM	-	4/A5.5	5/A5.5	6/A5.5		
214A													
215A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	11/A5.6	12/A5.6	6/A5.5	REQUIRES 90° OVERHEAD STOP. SEE SPECS.	
217A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
218A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
219A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
220A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	14/A5.5		
221A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
222A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	45 MIN.	15/A5.5	16/A5.5	11/A5.7 SIM		
223A													
224A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	11/A5.6	12/A5.6	6/A5.5		
226A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
227A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
228A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
229A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
230A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
231A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	15/A5.5	16/A5.5	14/A5.6		
232A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	15/A5.5	16/A5.5	14/A5.6		
ST1D	3'-0"	7'-0"	1 3/4"	M	PHM	5	PHM	90 MIN.	15/A5.6	16/A5.6	9/A5.5	CARD READER - AC	ON HOLD OPEN DEVICE
ST1E													
ST2B	3'-0"	7'-0"	1 3/4"	M	PHM	5	PHM	90 MIN.	15/A5.6	16/A5.6	9/A5.5	CARD READER - AC	ON HOLD OPEN DEVICE
ST2E	2'-6"	2'-6"	SPECS.	S	STEEL	-	-	-	90 MIN.	-	-	DETAILS PER UL ASSEMBLY AND MFR.'S RECOMMENDATION.	
ST3B	3'-0"	7'-0"	1 3/4"	M	PHM	5	PHM	90 MIN.	1/A5.7	2/A5.7	11/A5.5	CARD READER - AC	ON HOLD OPEN DEVICE

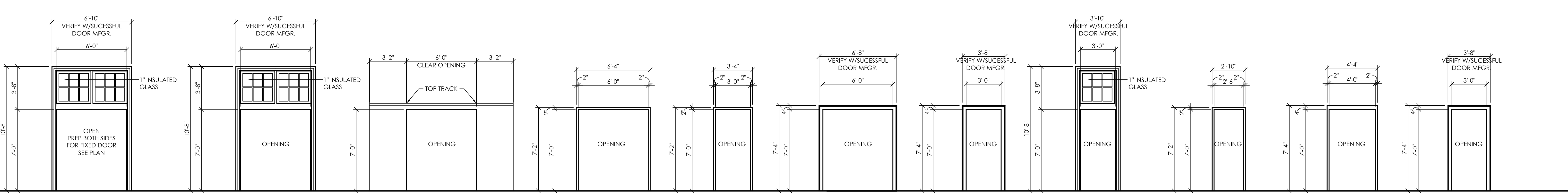
DOOR SCHEDULE - THIRD FLOOR													
NO.	DOOR			FRAME		LABEL	DETAILS			SECURITY REQUIREMENT	REMARKS		
	WIDTH	HEIGHT	THICK	TYPE	MATL.		TYPE	MATL.	HEAD			JAMB	SILL
301A													
301B													
302A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
303A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
304A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
305A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
306A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
308A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
310A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
311A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
312A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
312B	2'-6"	7'-0"	1 3/4"	N	SCW	9	PHM	-	4/A5.5	5/A5.5	6/A5.5		
313A													
314A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	1/A5.6	12/A5.6	6/A5.5		
316A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
317A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
318A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
319A													
320A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	4/A5.5	5/A5.5	6/A5.5		
321A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	45 MIN.	15/A5.5	16/A5.5	11/A5.7 SIM		
322A													
323A	3'-0"	7'-0"	1 3/4"	K	SCW	5	PHM	20 MIN.	1/A5.6	12/A5.6	6/A5.5	REQUIRES 90° OVERHEAD STOP. SEE SPECS.	
325A	3'-0"</												



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

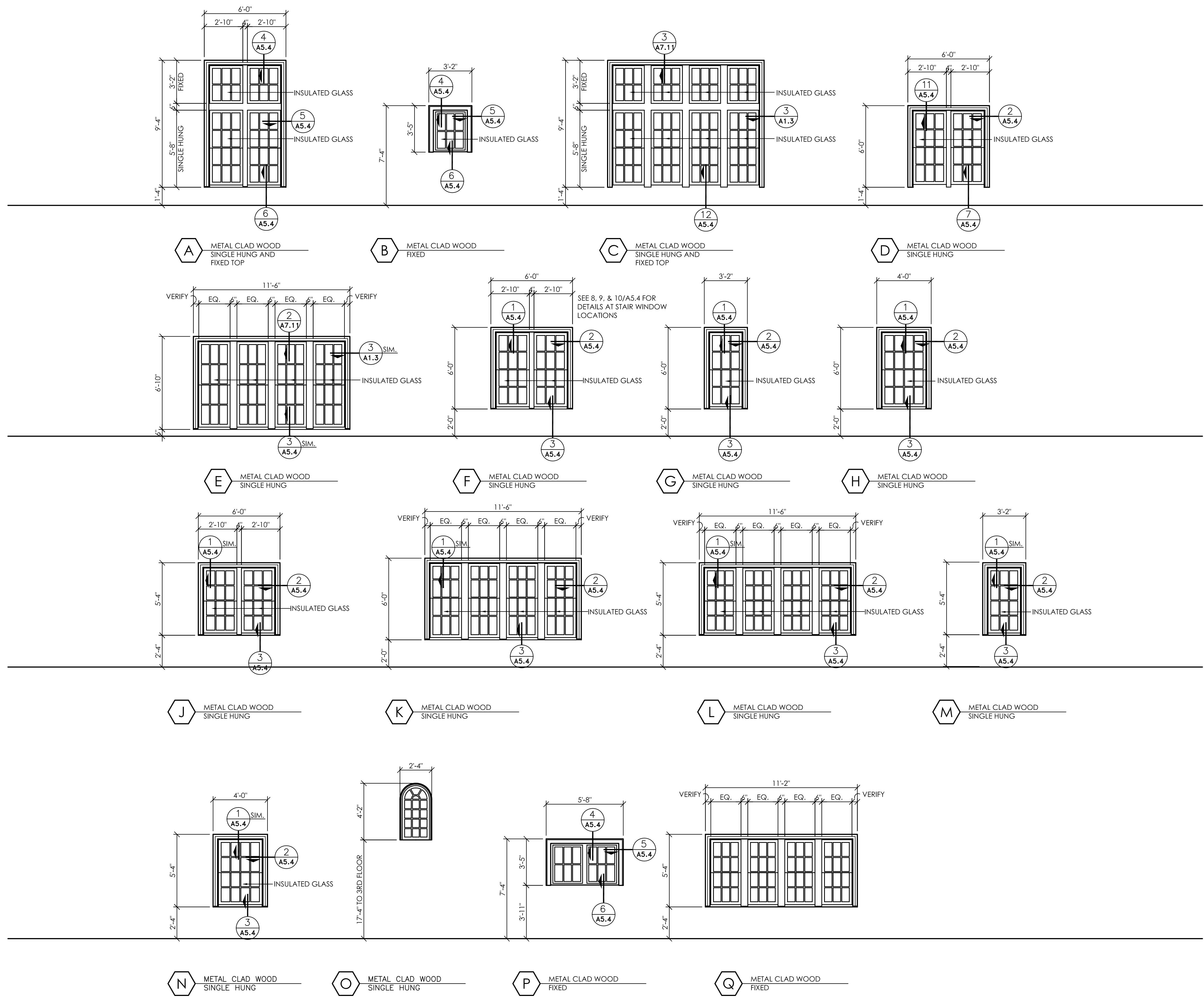


**1**  
**A5.2** GATE LATCH DETAIL  
1 1/2" = 1'-0"

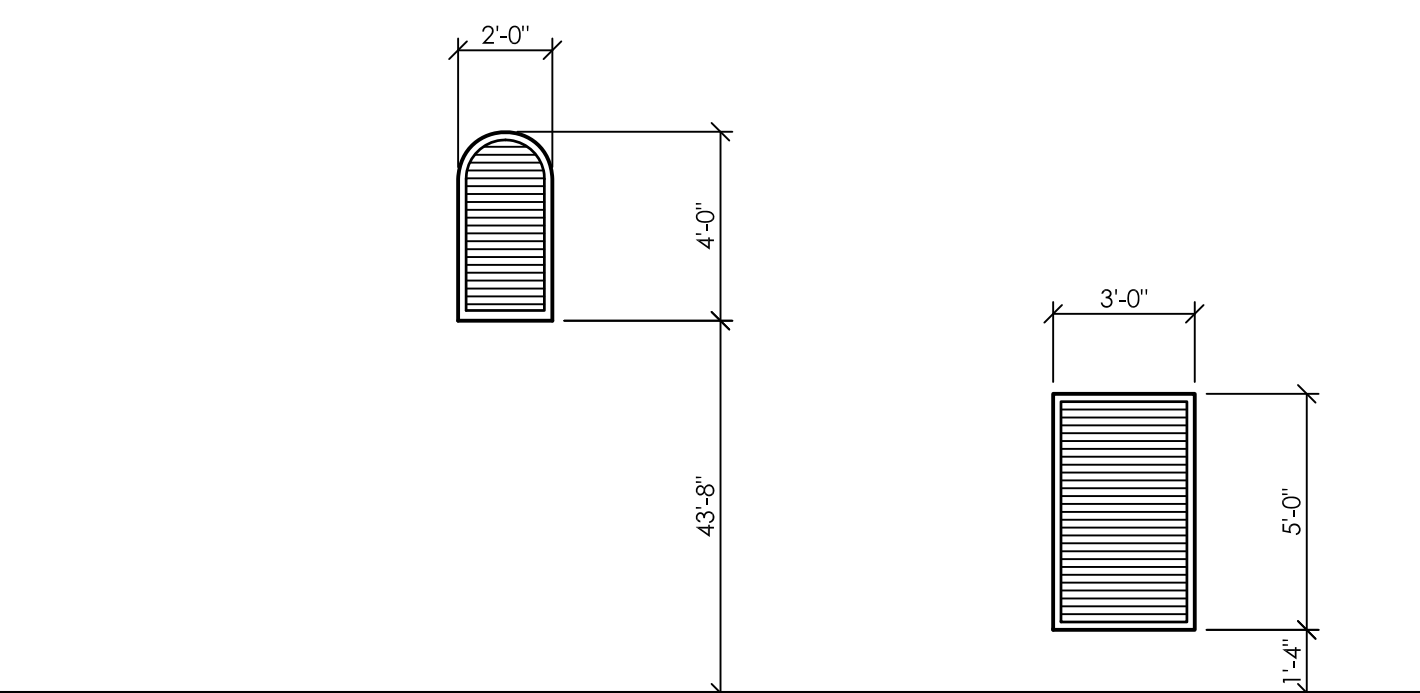


**FRAME TYPES**  
1/4" = 1'-0"



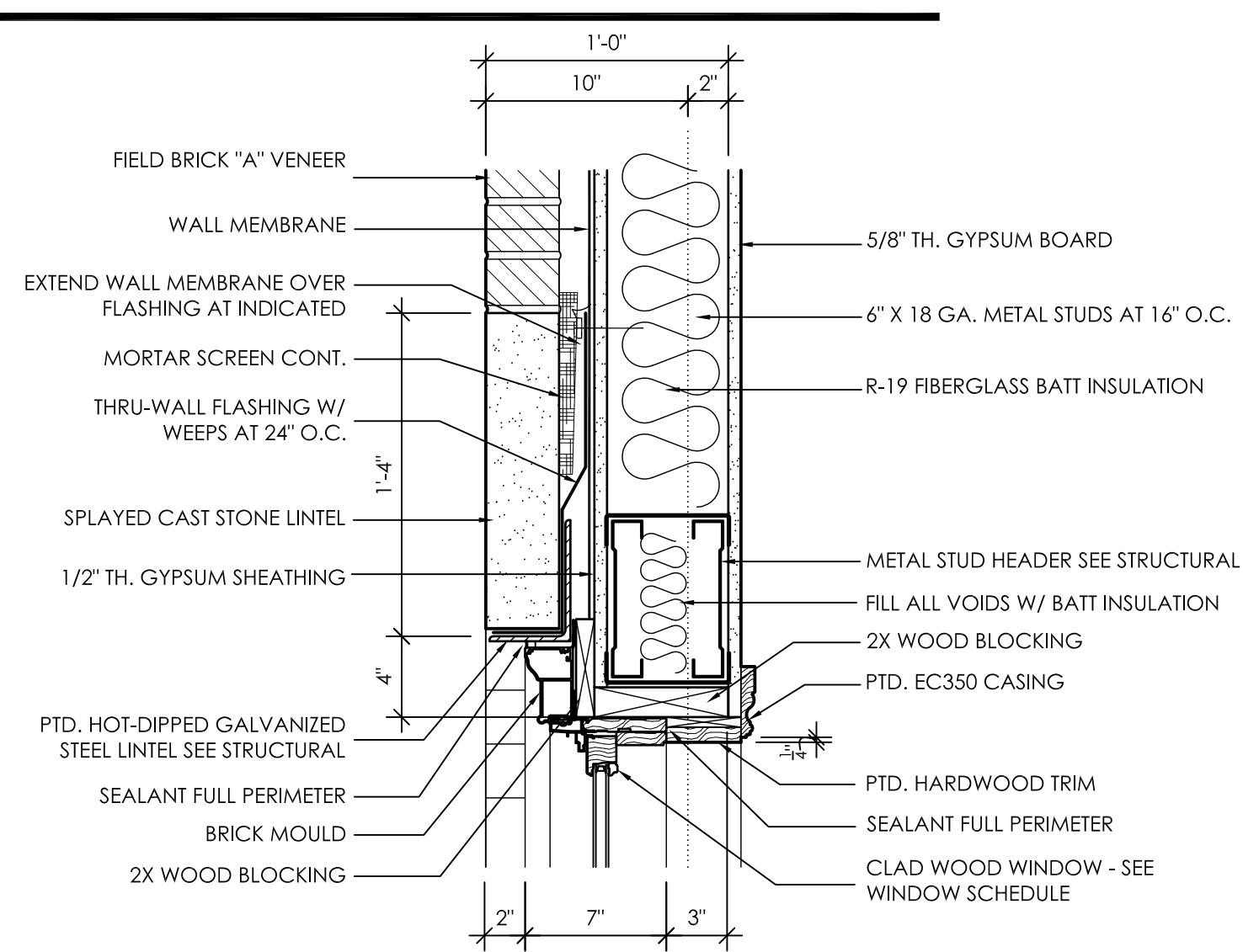


**1**  
A5.3  
EXTERIOR WINDOW TYPES  
1/4" = 1'-0"

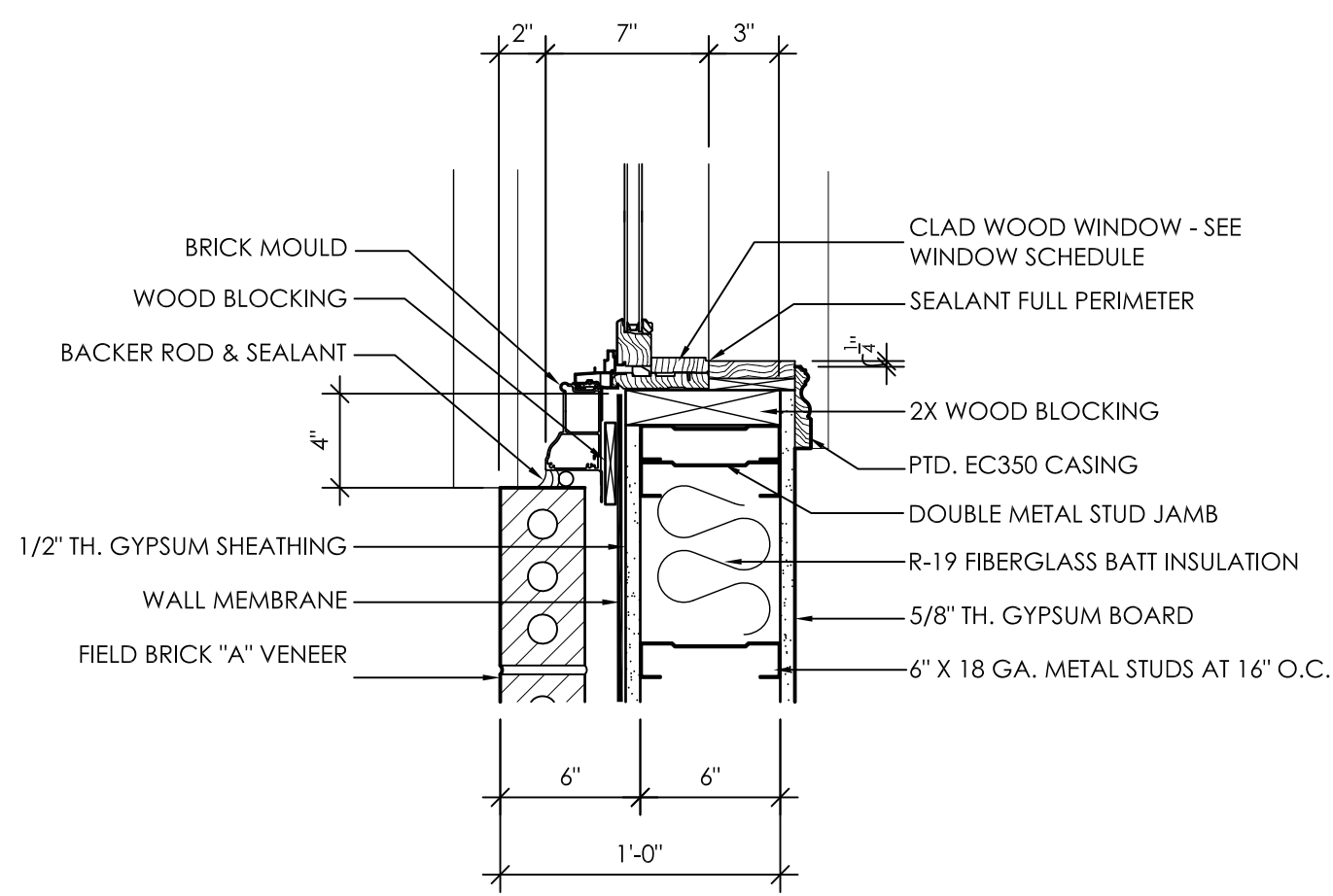


**2**  
A5.3  
LOUVER TYPES  
1/4" = 1'-0"

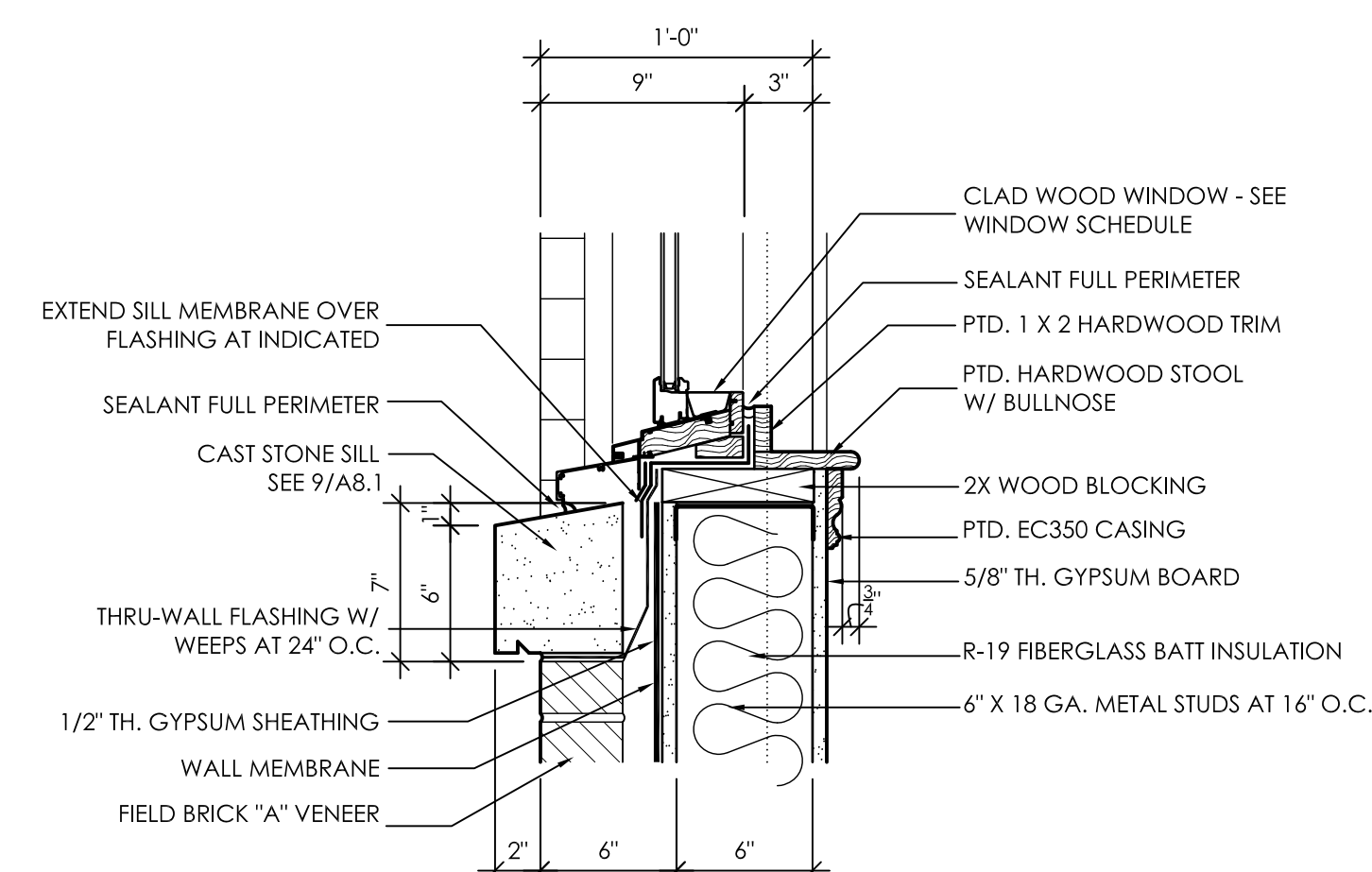
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Jim
<b>Window Types</b>	
SHEET NUMBER	A5.3



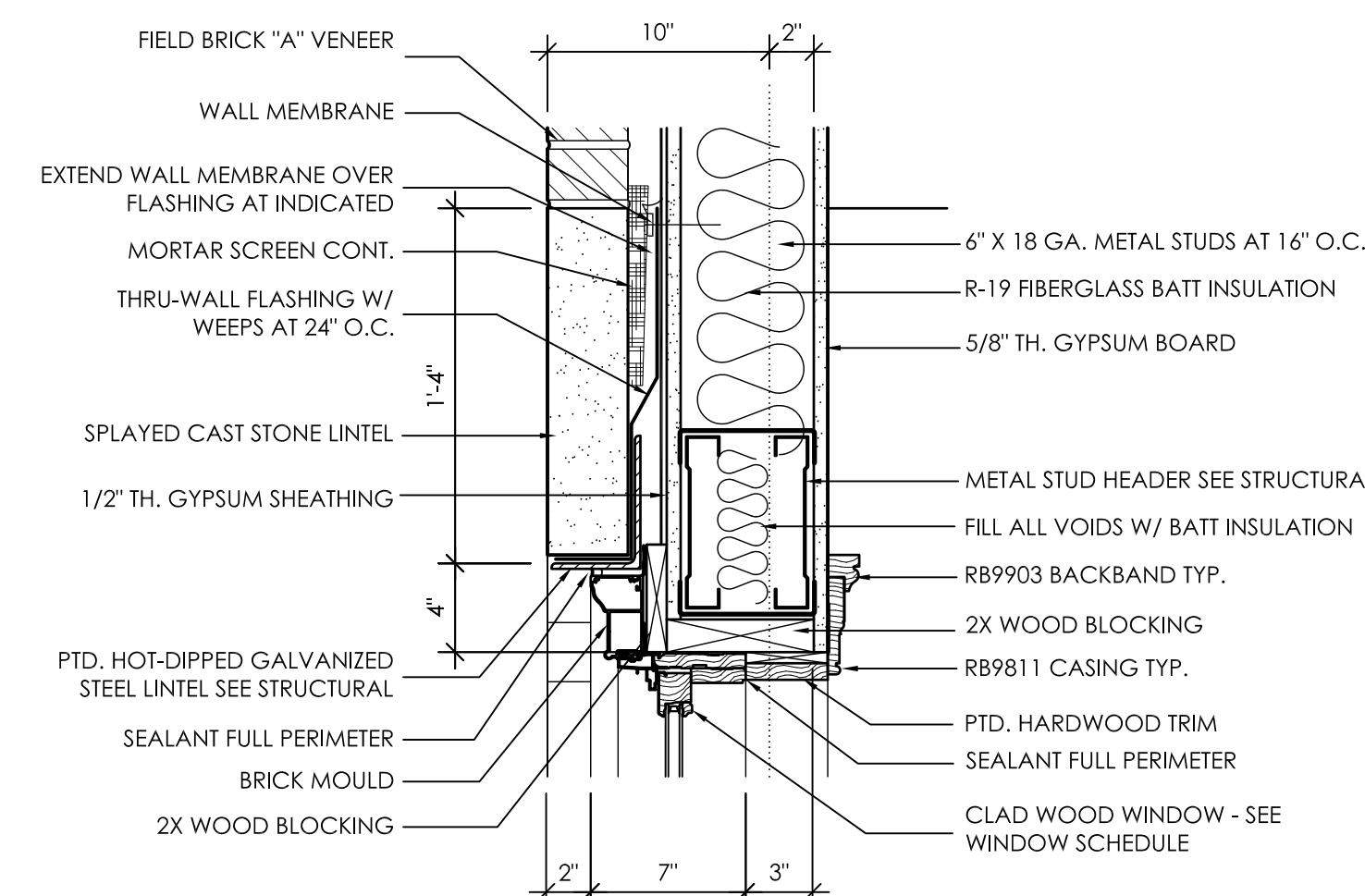
**1**  
A5.4  
HEAD DETAIL  
1 1/2" = 1'-0"



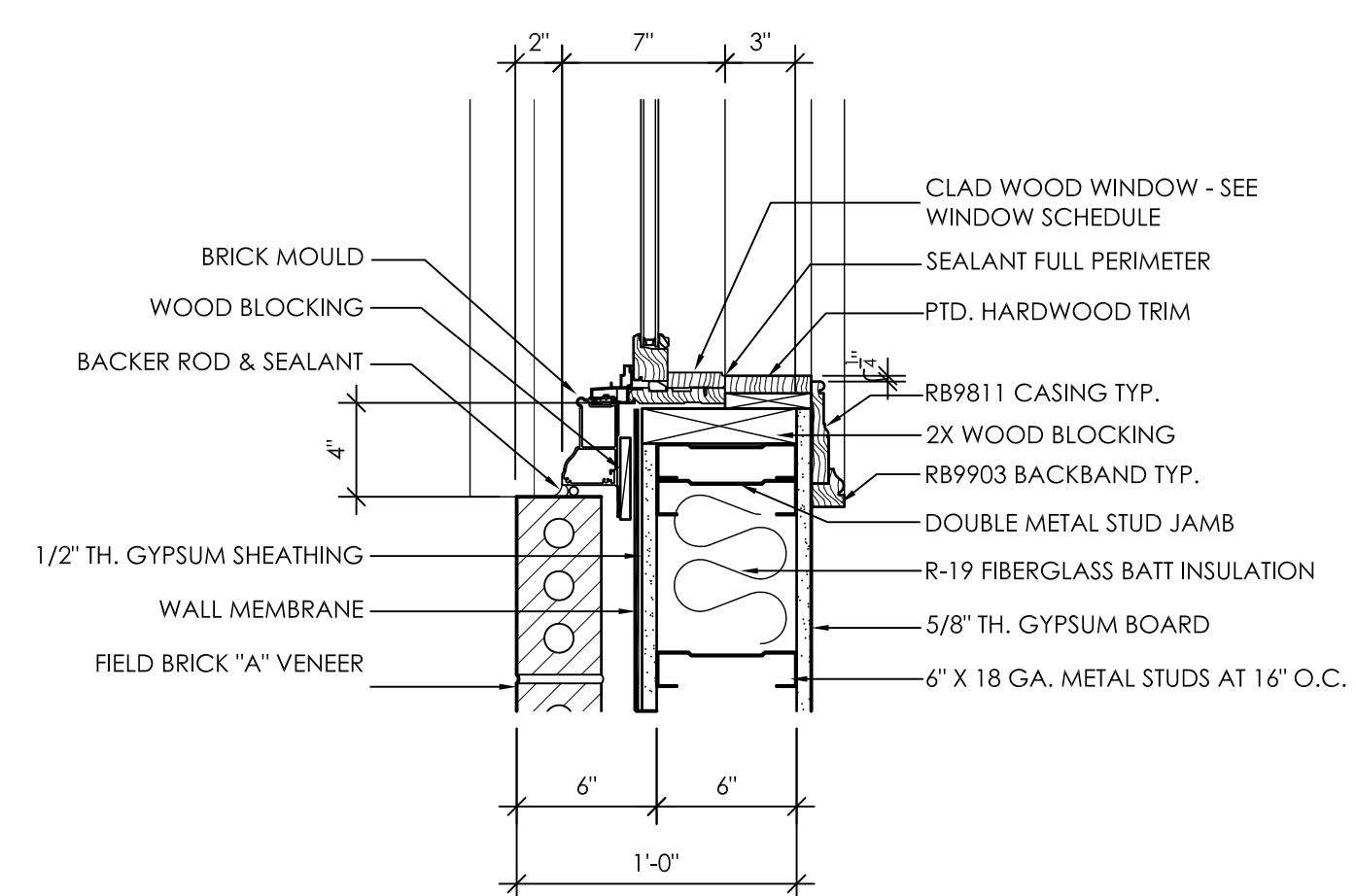
**2**  
A5.4  
JAMB DETAIL  
1 1/2" = 1'-0"



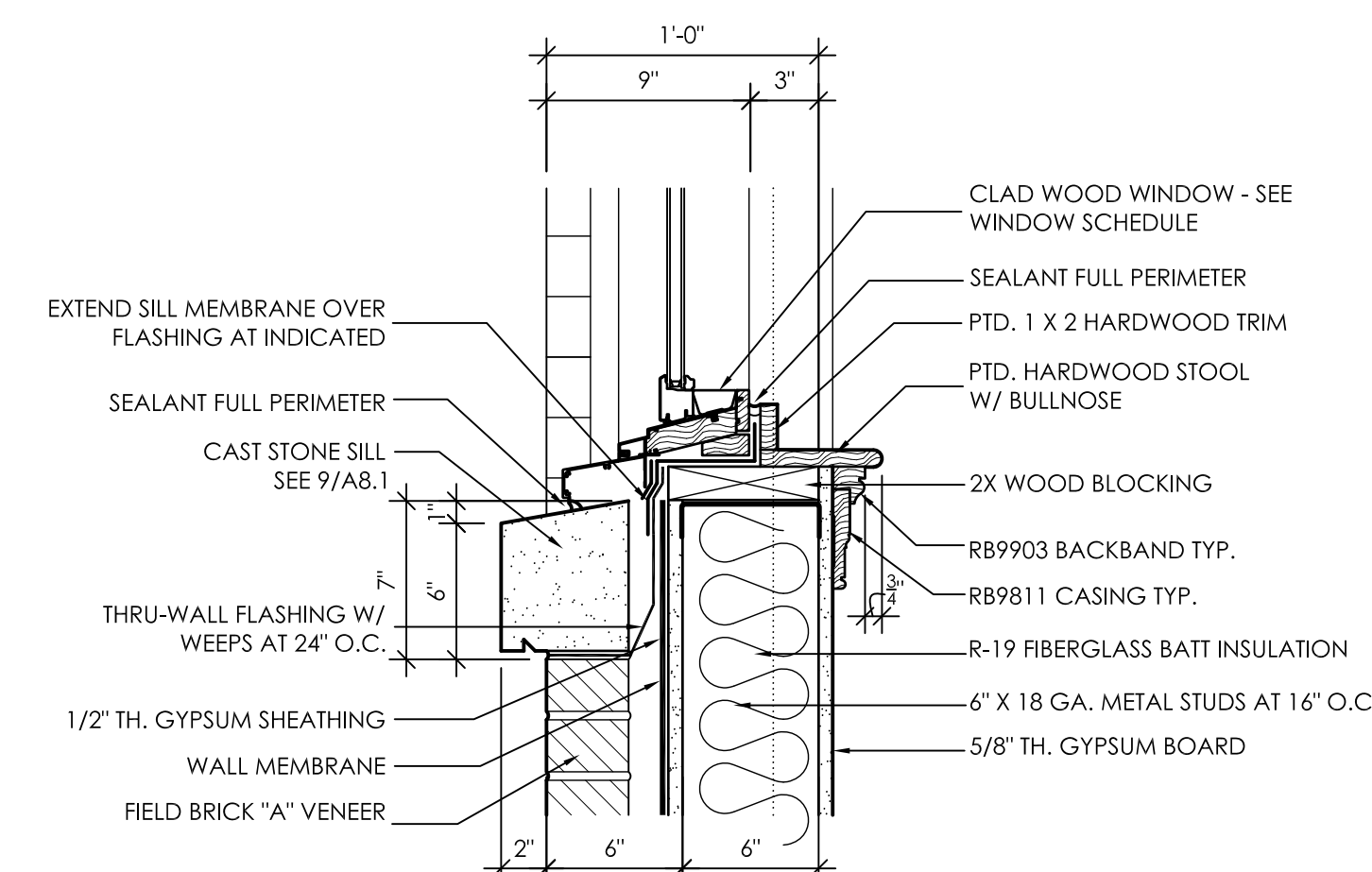
**3**  
A5.4  
SILL DETAIL  
1 1/2" = 1'-0"



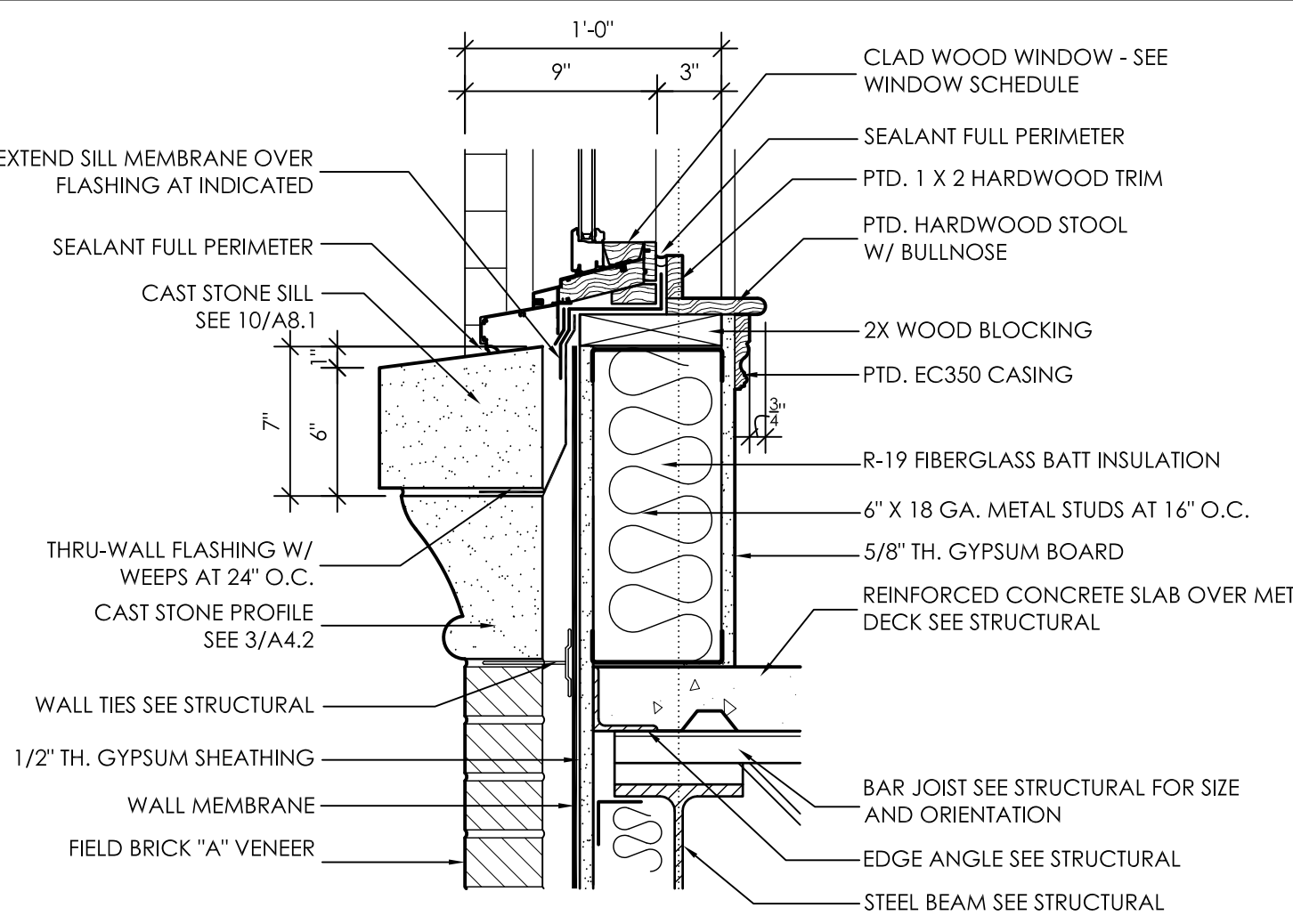
**4**  
A5.4  
HEAD DETAIL  
1 1/2" = 1'-0"



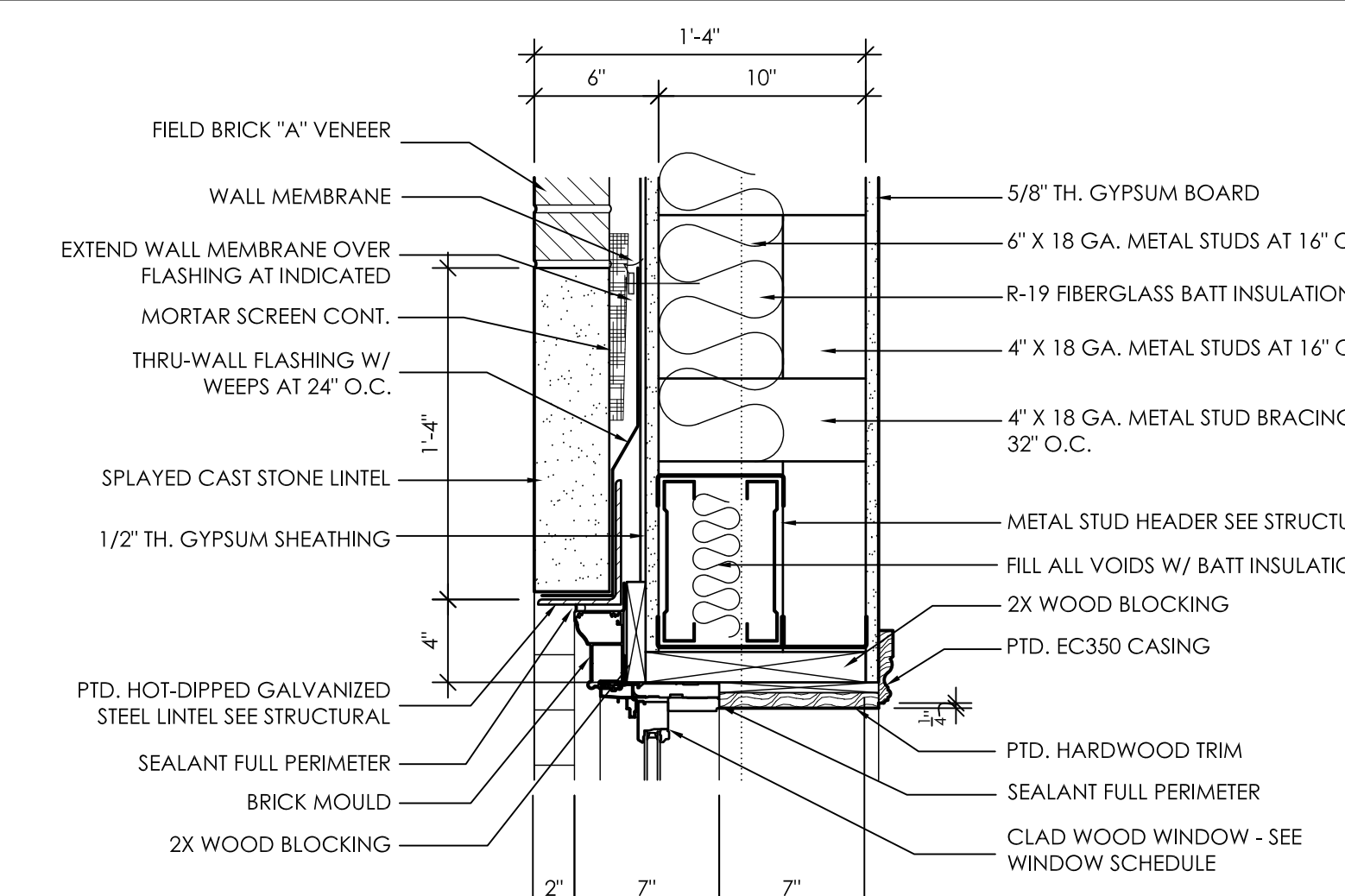
**5**  
A5.4  
JAMB DETAIL  
1 1/2" = 1'-0"



**6**  
A5.4  
SILL DETAIL  
1 1/2" = 1'-0"

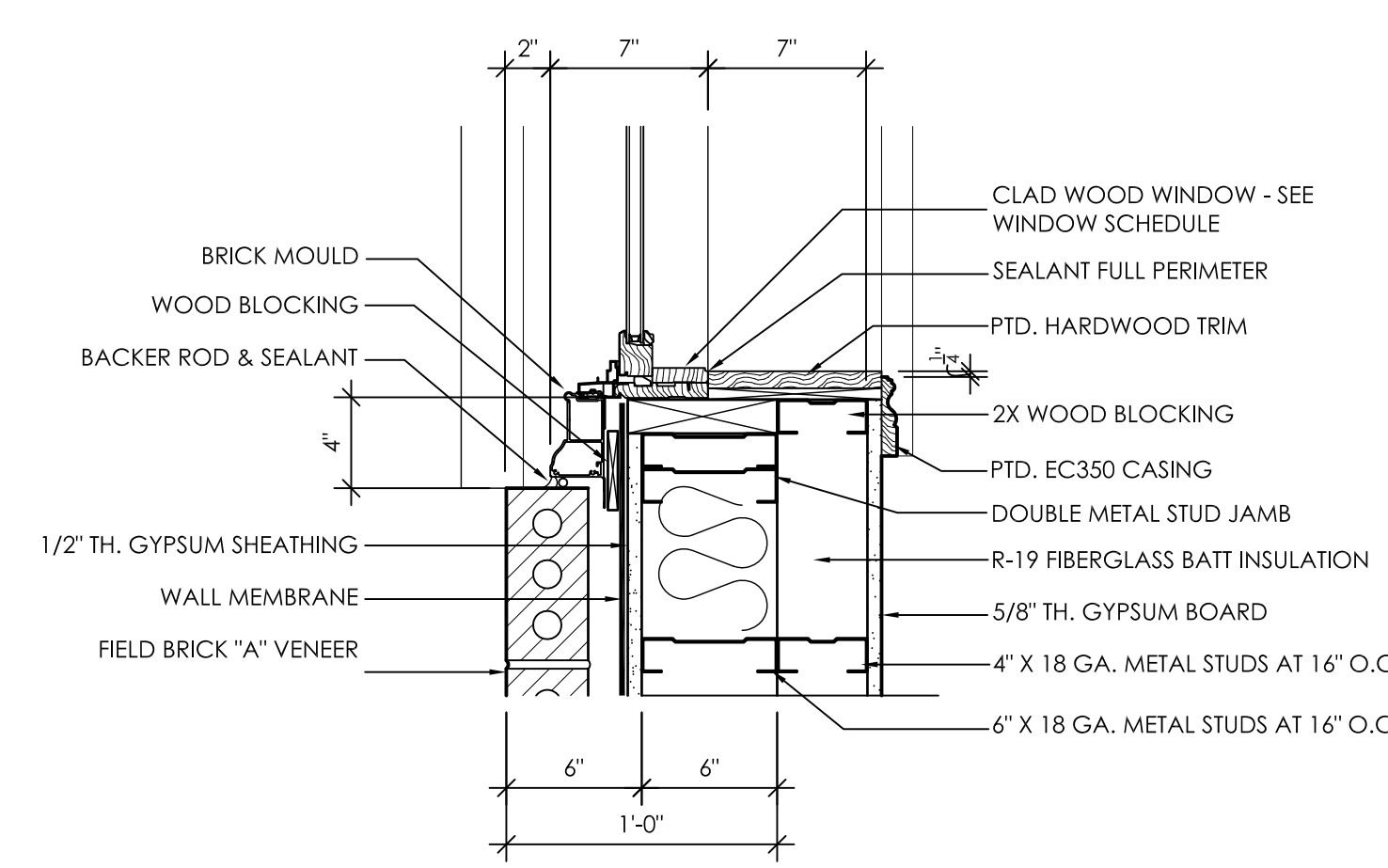


**7**  
A5.4  
SILL DETAIL  
1 1/2" = 1'-0"



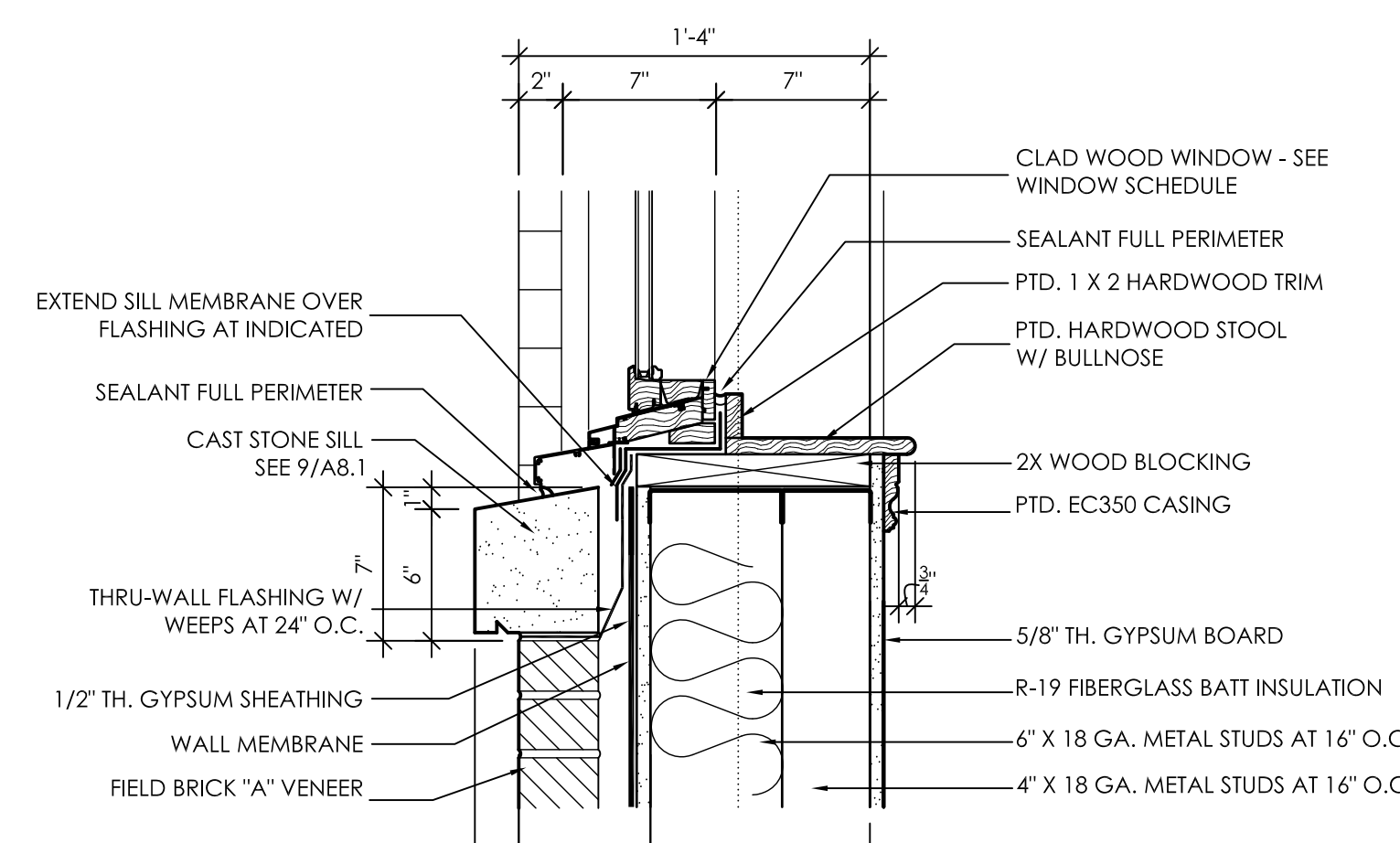
**8**  
A5.4  
HEAD DETAIL  
1 1/2" = 1'-0"

NOTE: AT STAIR WINDOW LOCATIONS



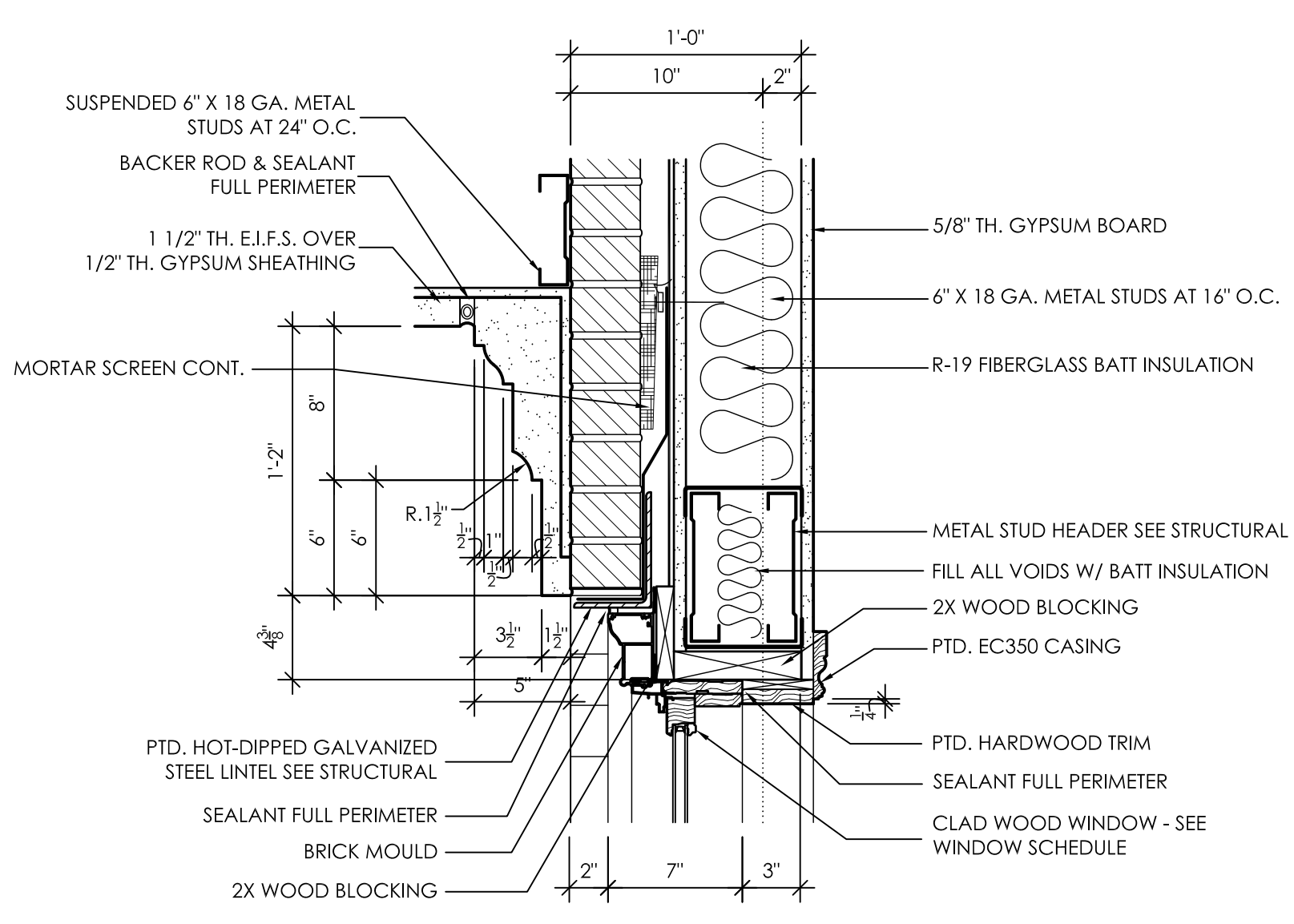
**9**  
A5.4  
JAMB DETAIL  
1 1/2" = 1'-0"

NOTE: AT STAIR WINDOW LOCATIONS

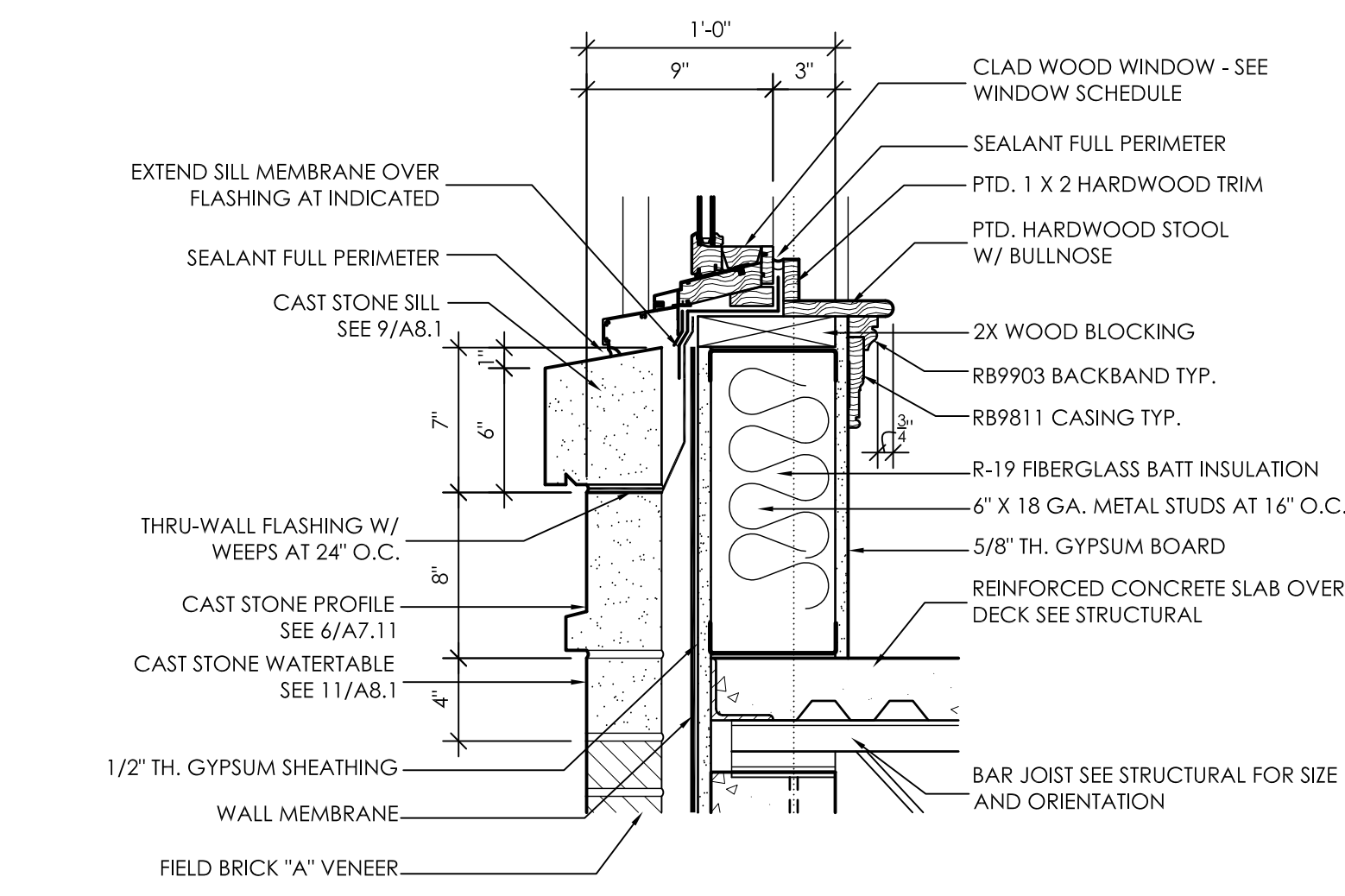


**10**  
A5.4  
SILL DETAIL  
1 1/2" = 1'-0"

NOTE: AT STAIR WINDOW LOCATIONS



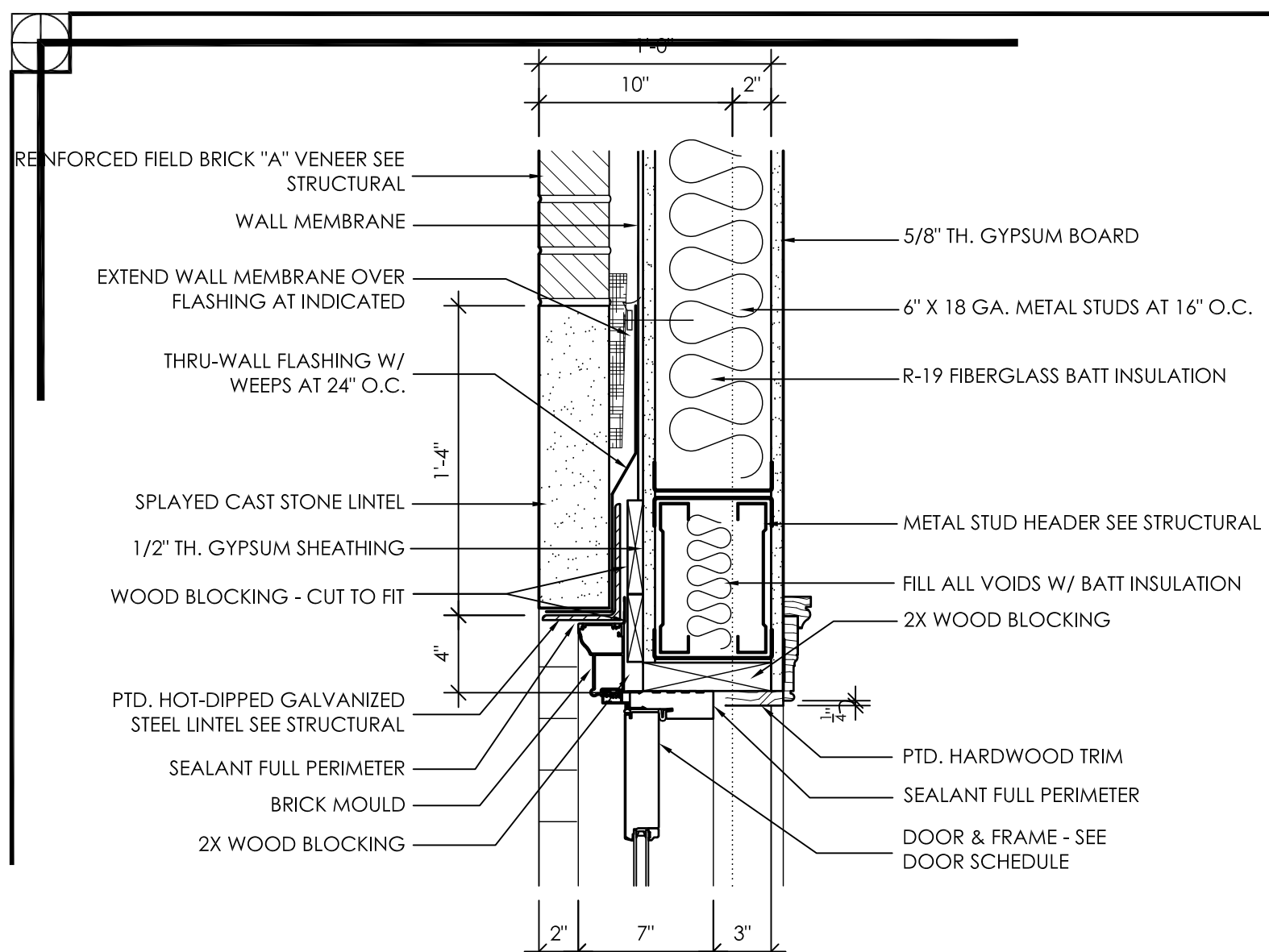
**11**  
A5.4  
HEAD DETAIL  
1 1/2" = 1'-0"



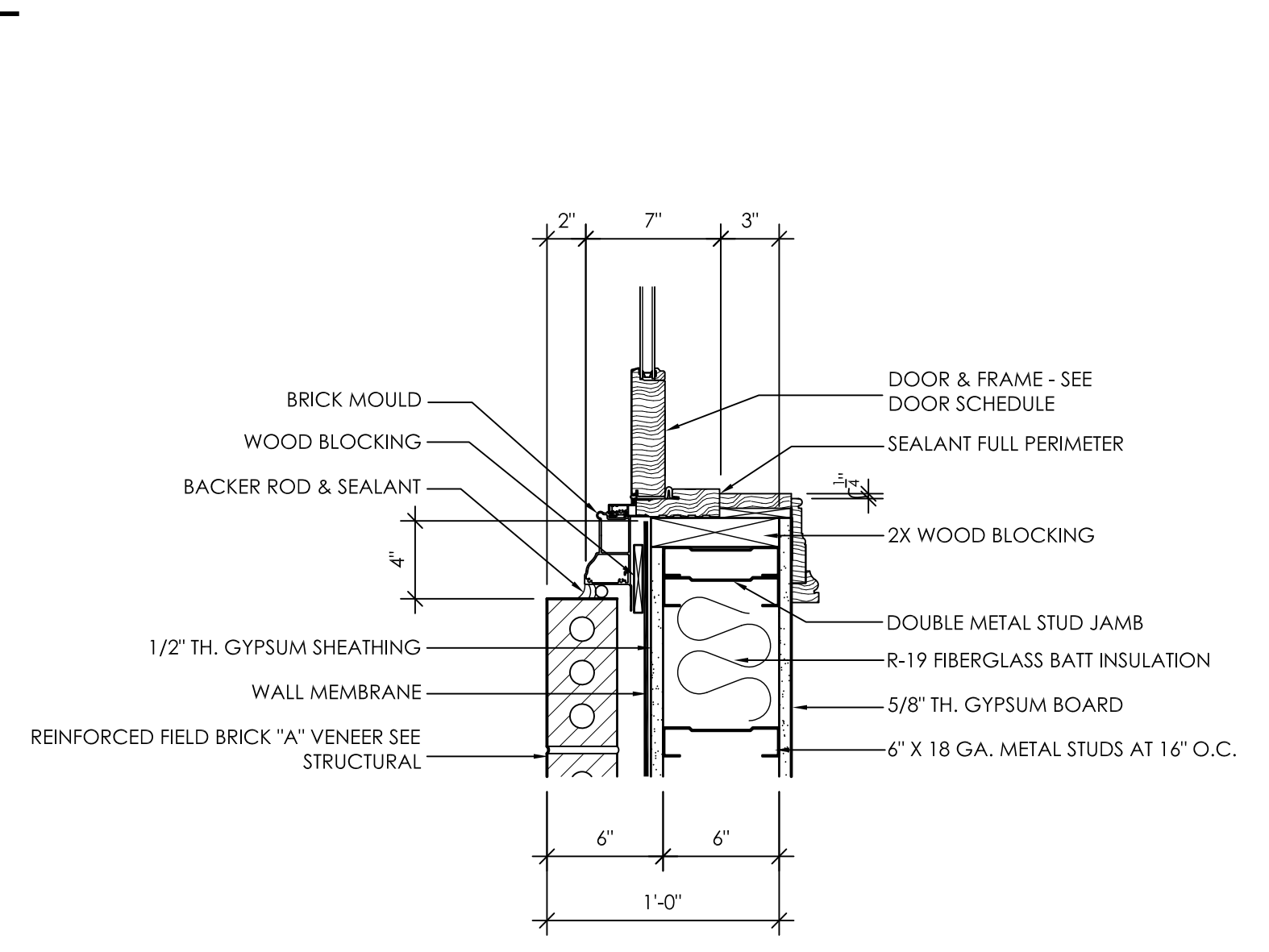
**12**  
A5.4  
SILL DETAIL  
1 1/2" = 1'-0"

GENERAL NOTES

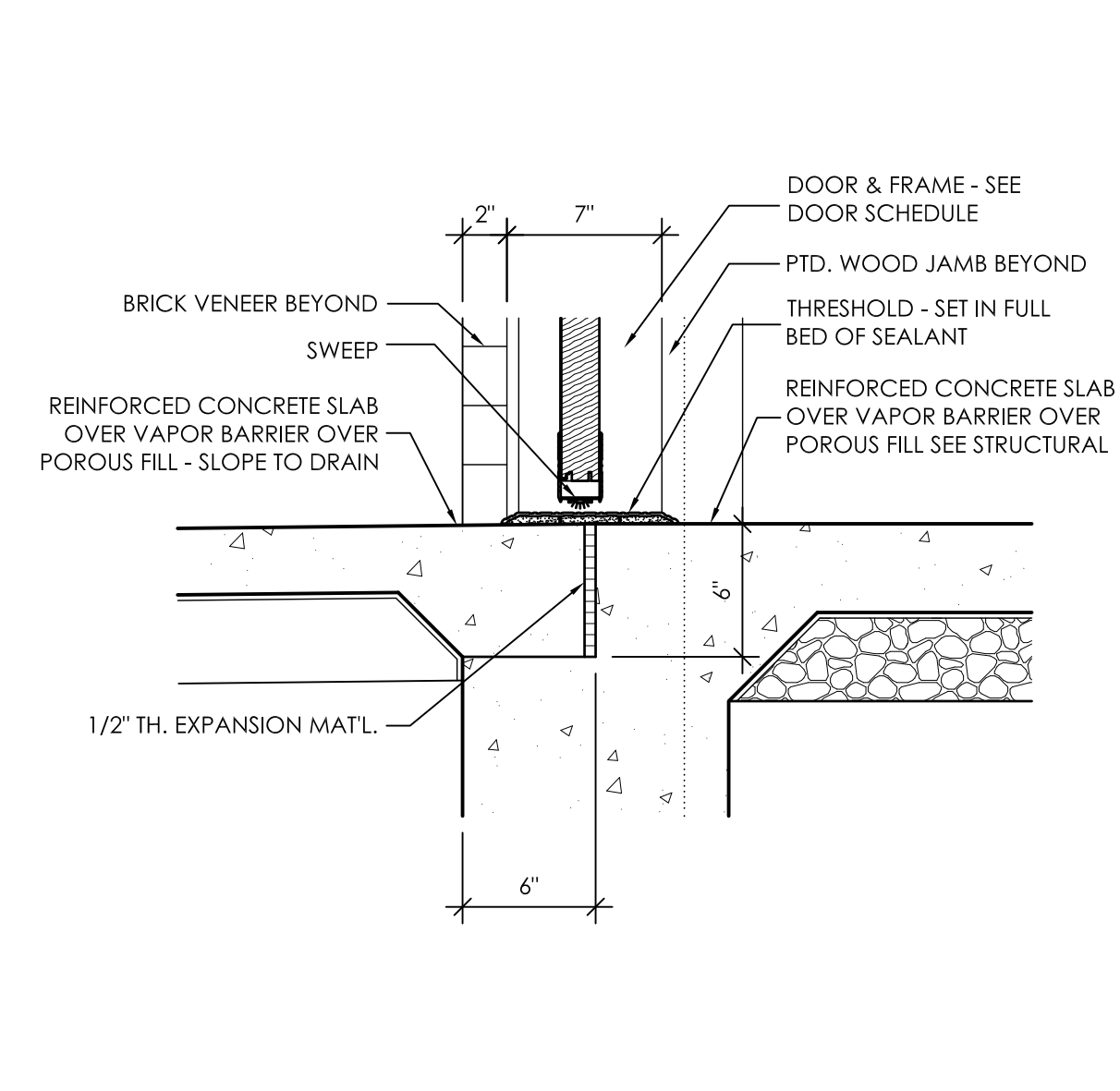
- ALL WOOD TRIM SHALL BE PAINT GRADE HARDWOOD
- COORDINATE ANY AND ALL EMBEDDED ANCHORS IN CAST STONE W/ CAST STONE SUPPLIER
- ALL FOOTINGS AND GRADE BEAMS ARE DIAGRAMMATICAL. REFER TO STRUCTURAL DRAWINGS FOR FOOTING AND GRADE BEAM DESIGN.
- ALL METAL STUD SIZES ARE MINIMUMS AND ALL SPACINGS ARE MAXIMUMS. VERIFY WITH STRUCTURAL DWGS AND COLD ROLLED METAL FRAMING CONTRACTOR.
- ALL EXTERIOR STEEL (LINTELS, EDGE ANGLES, ETC.) SHALL BE HOT-DIPPED GALVANIZED AND PAINTED.
- SEAL ALL JOINTS IN CAST STONE WALL CAPS W/ OVERSIZE BACKER ROD AND NEUTRAL CORE SILICONE. THIS INCLUDES SETTING JOINTS AND PERIMETER JOINTS.
- SEAL ALL PENETRATIONS WITH NEUTRAL CORE SEALANT.
- PROVIDE AND INSTALL MORTAR SCREENING AT ALL THRU-WALL FLASHING LOCATIONS.
- PROVIDE AND INSTALL MEMBRANE FLASHING AT ANY INSTANCE WHERE CAST STONE ABUTS BRICK VENEER.
- HOLD THRU-WALL FLASHING 1/2" FROM FACE OF FINISH SURFACE.
- COMPLY WITH UA STANDARD FLASHING DETAILS. SEE SPECS.



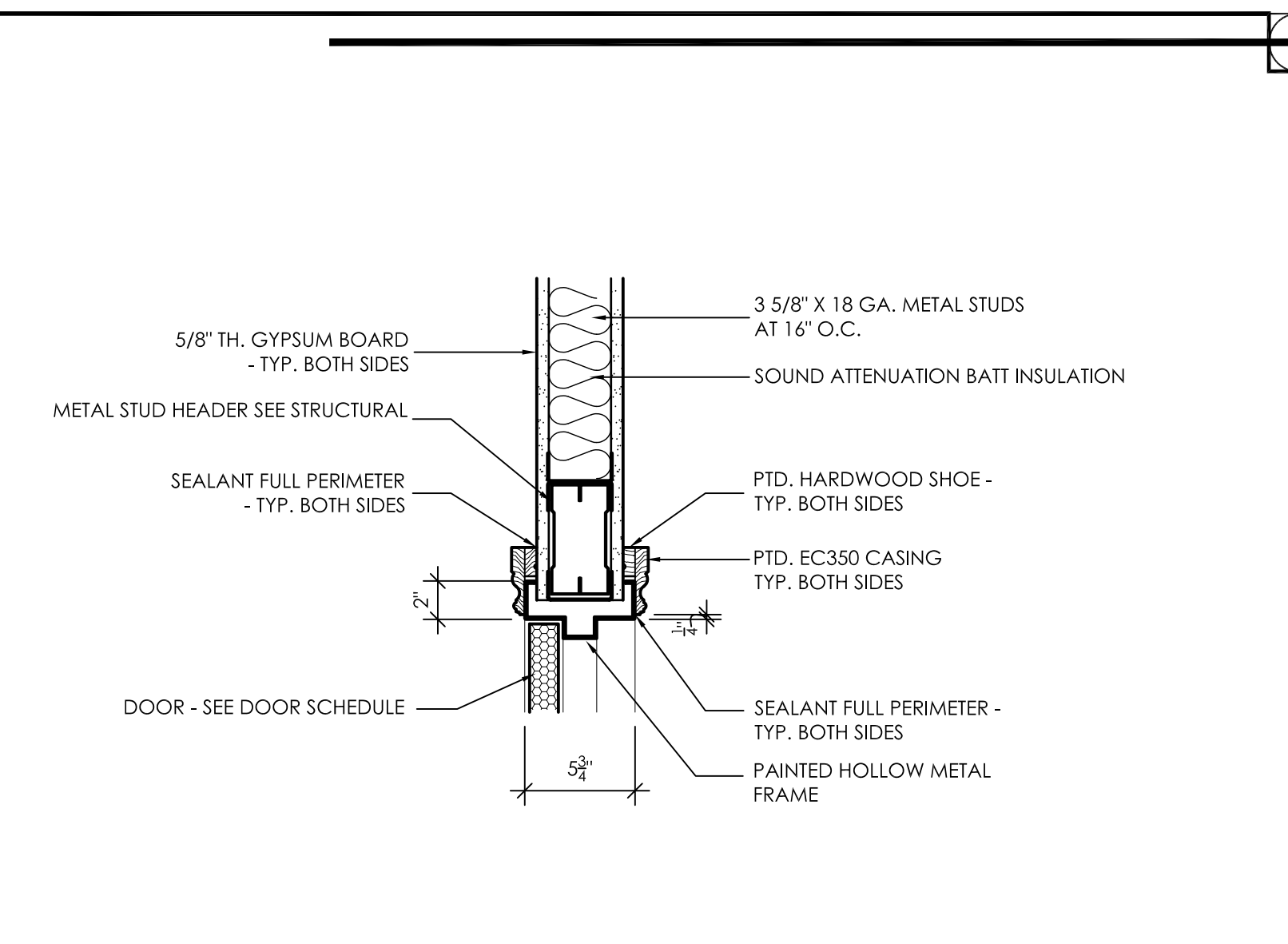
**1** HEAD DETAIL  
A5.5 1 1/2" = 1'-0"



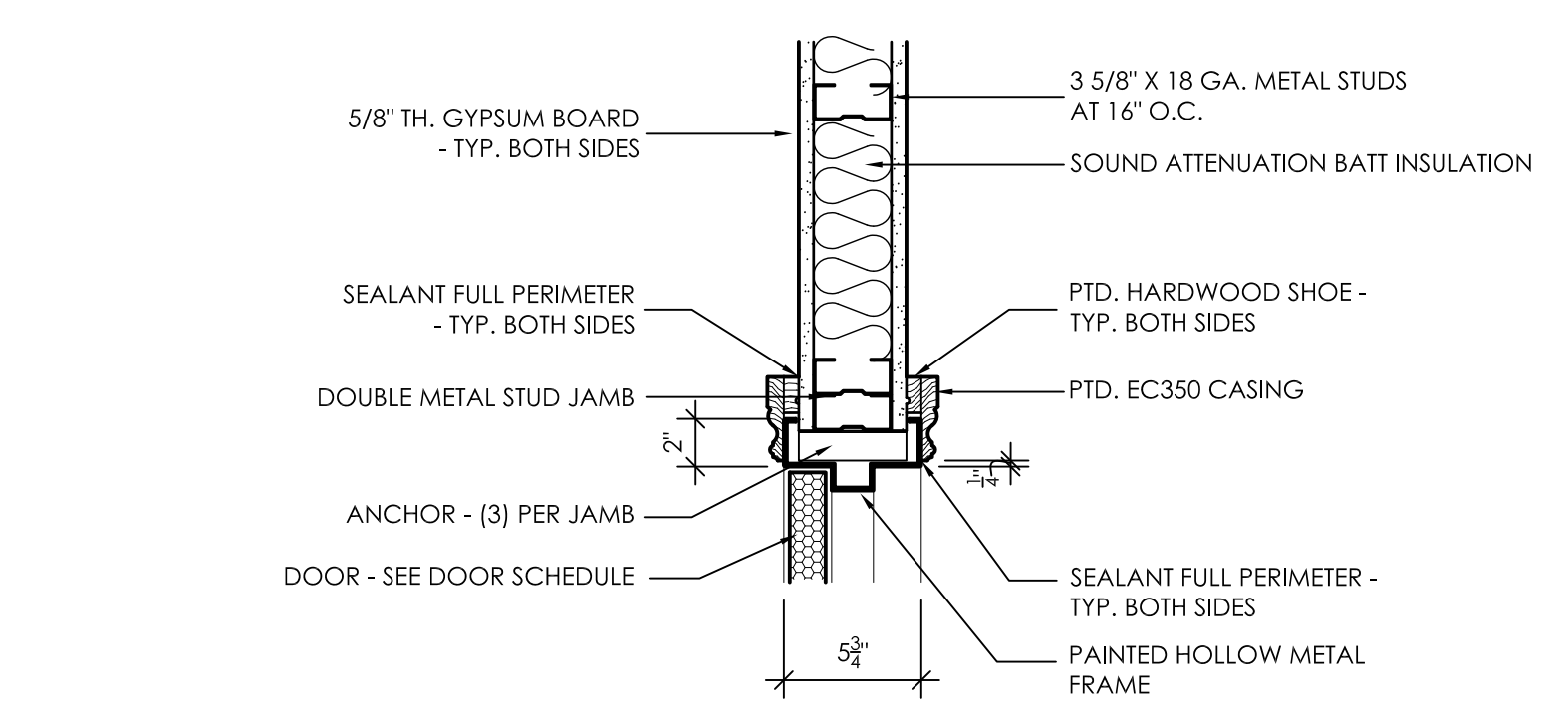
**2** JAMB DETAIL  
A5.5 1 1/2" = 1'-0"



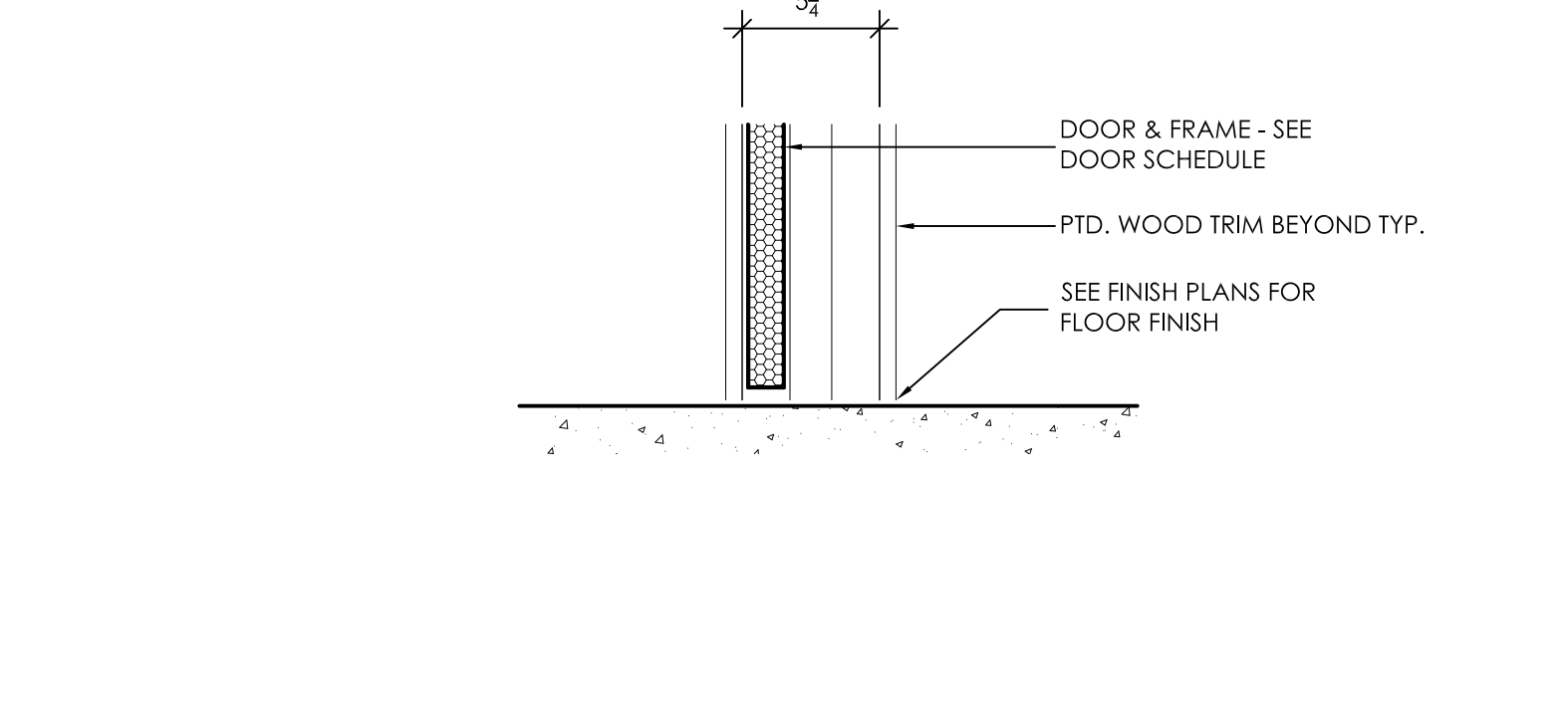
**3** SILL DETAIL  
A5.5 1 1/2" = 1'-0"



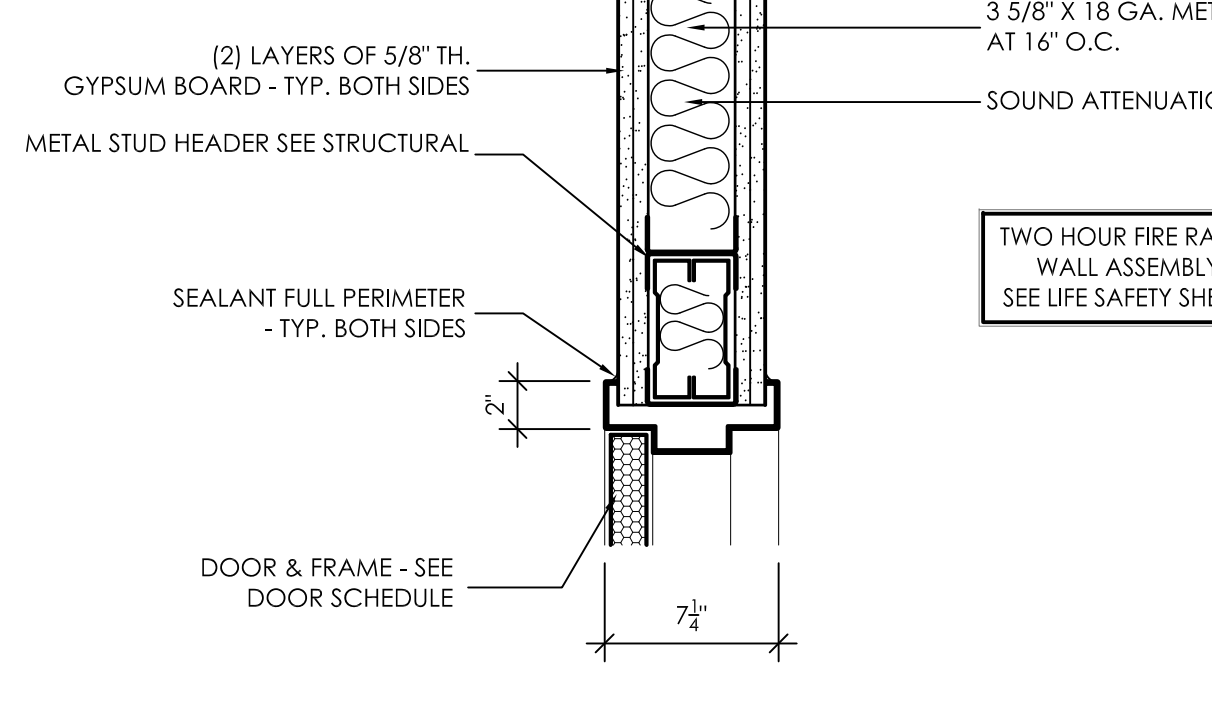
**4** HEAD DETAIL  
A5.5 1 1/2" = 1'-0"



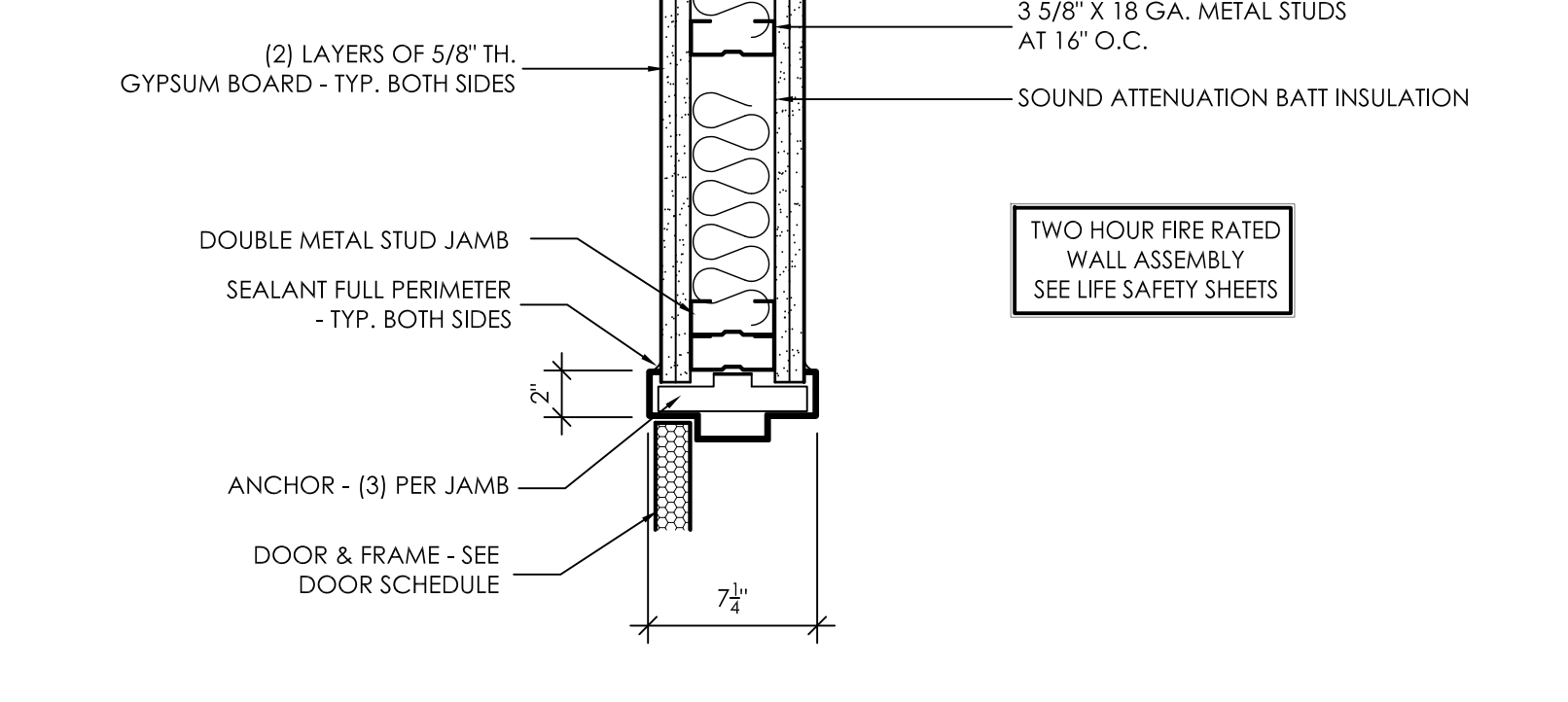
**5** JAMB DETAIL  
A5.5 1 1/2" = 1'-0"



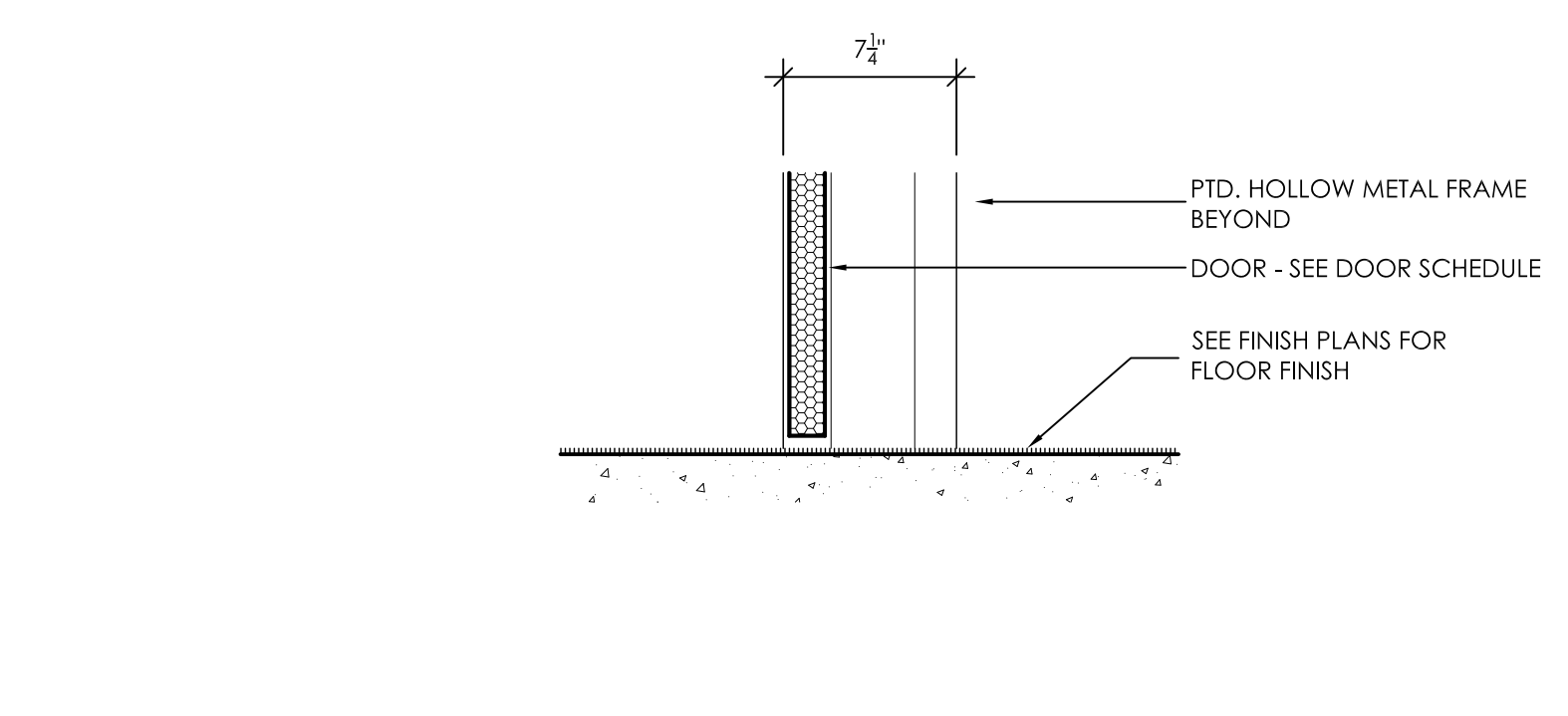
**6** SILL DETAIL  
A5.5 1 1/2" = 1'-0"



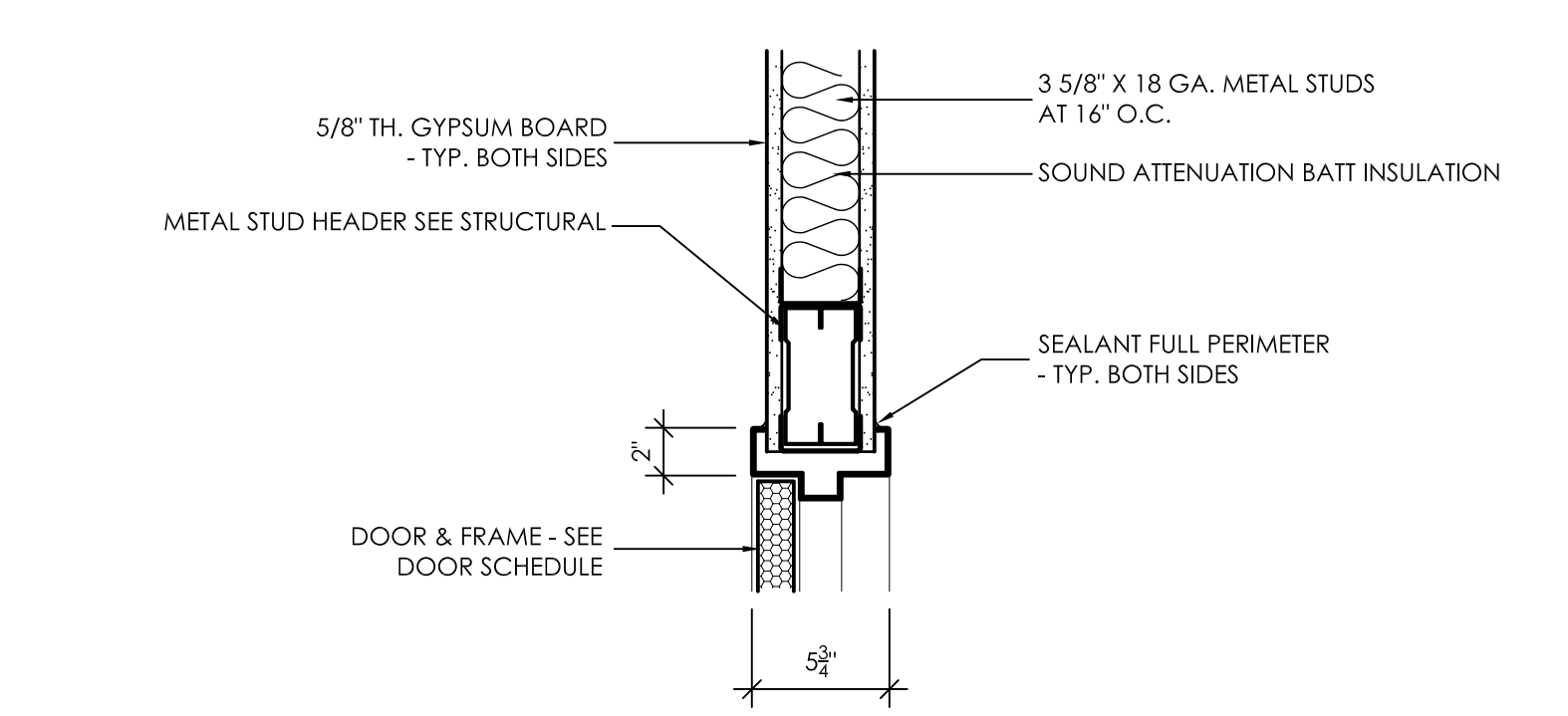
**7** HEAD DETAIL  
A5.5 1 1/2" = 1'-0"



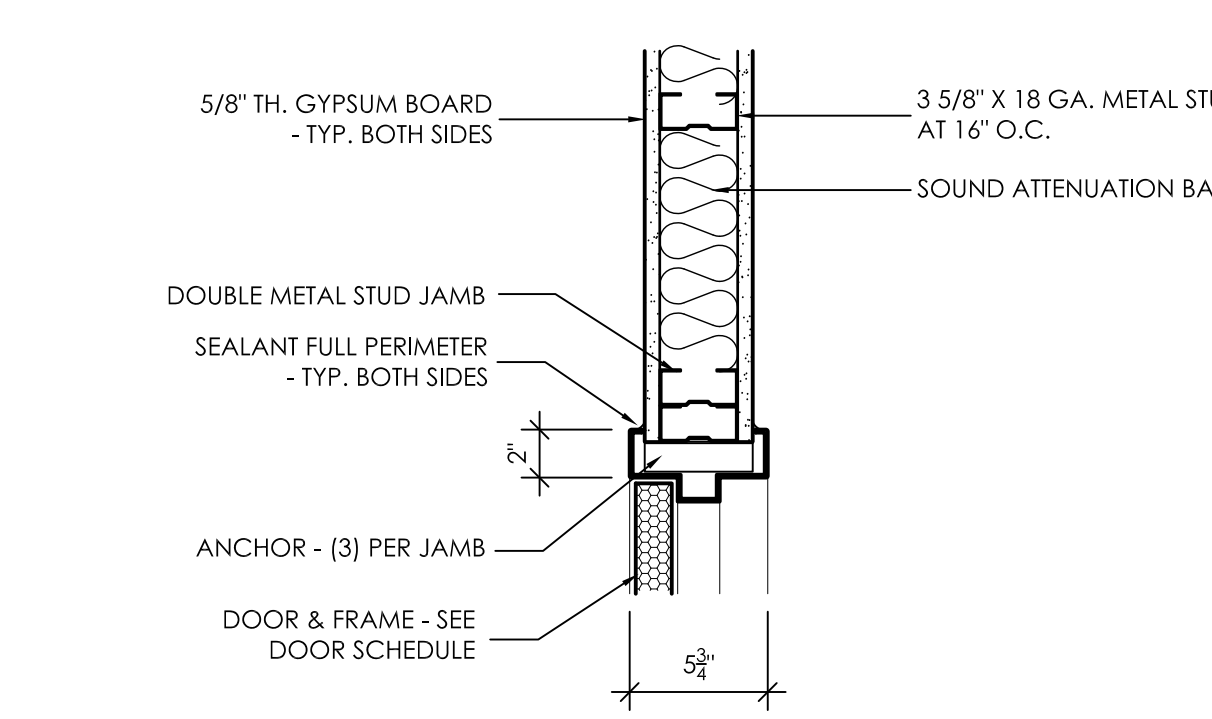
**8** JAMB DETAIL  
A5.5 1 1/2" = 1'-0"



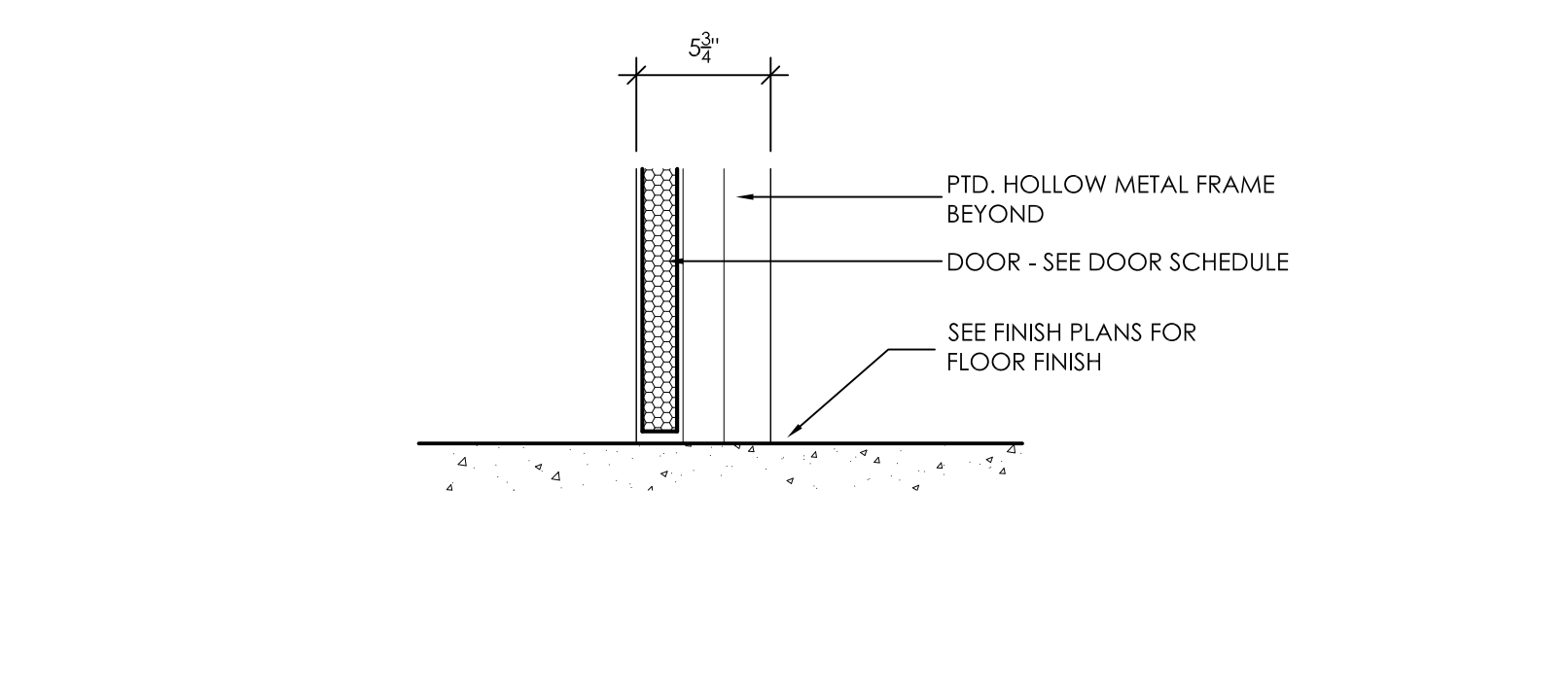
**9** SILL DETAIL  
A5.5 1 1/2" = 1'-0"



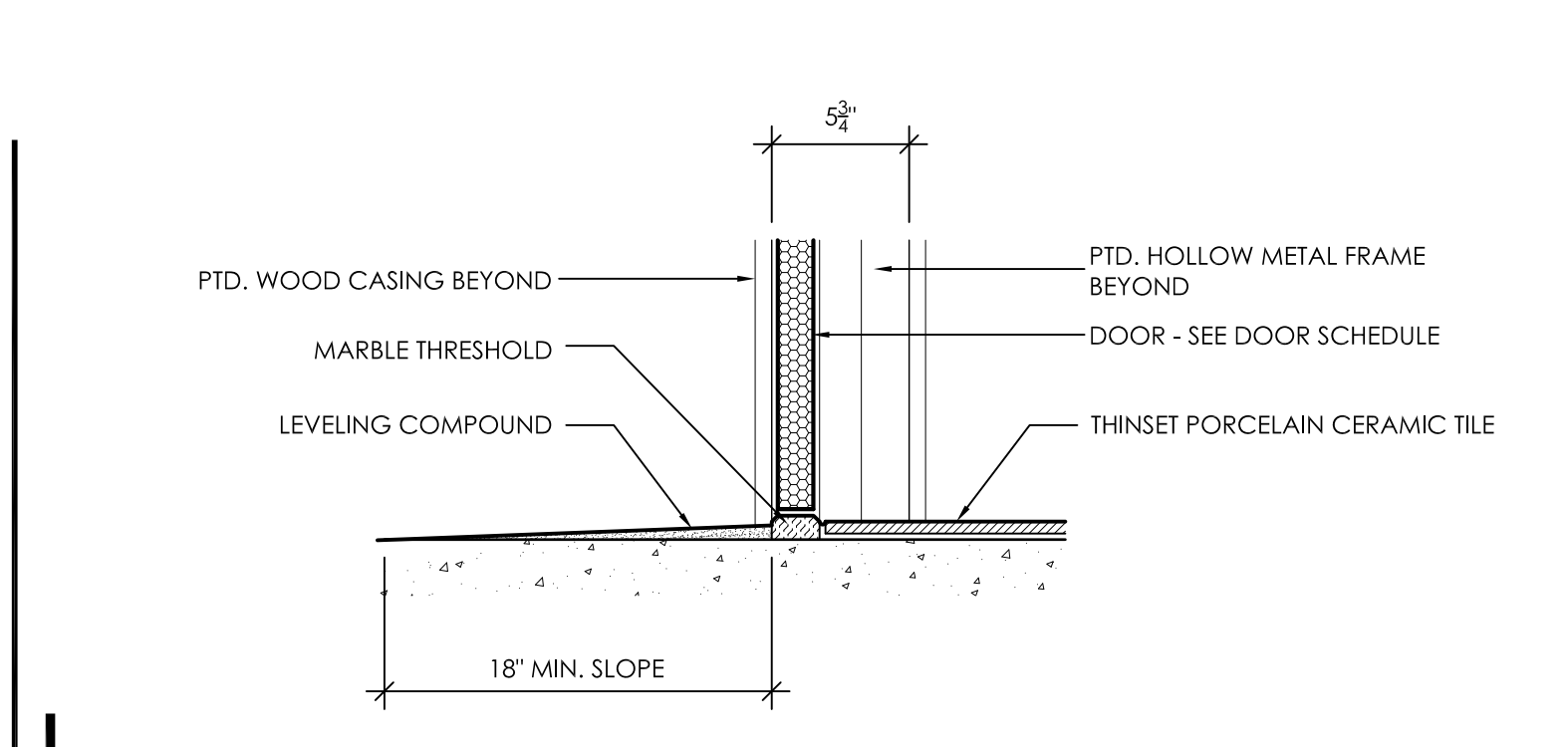
**10** HEAD DETAIL  
A5.5 1 1/2" = 1'-0"



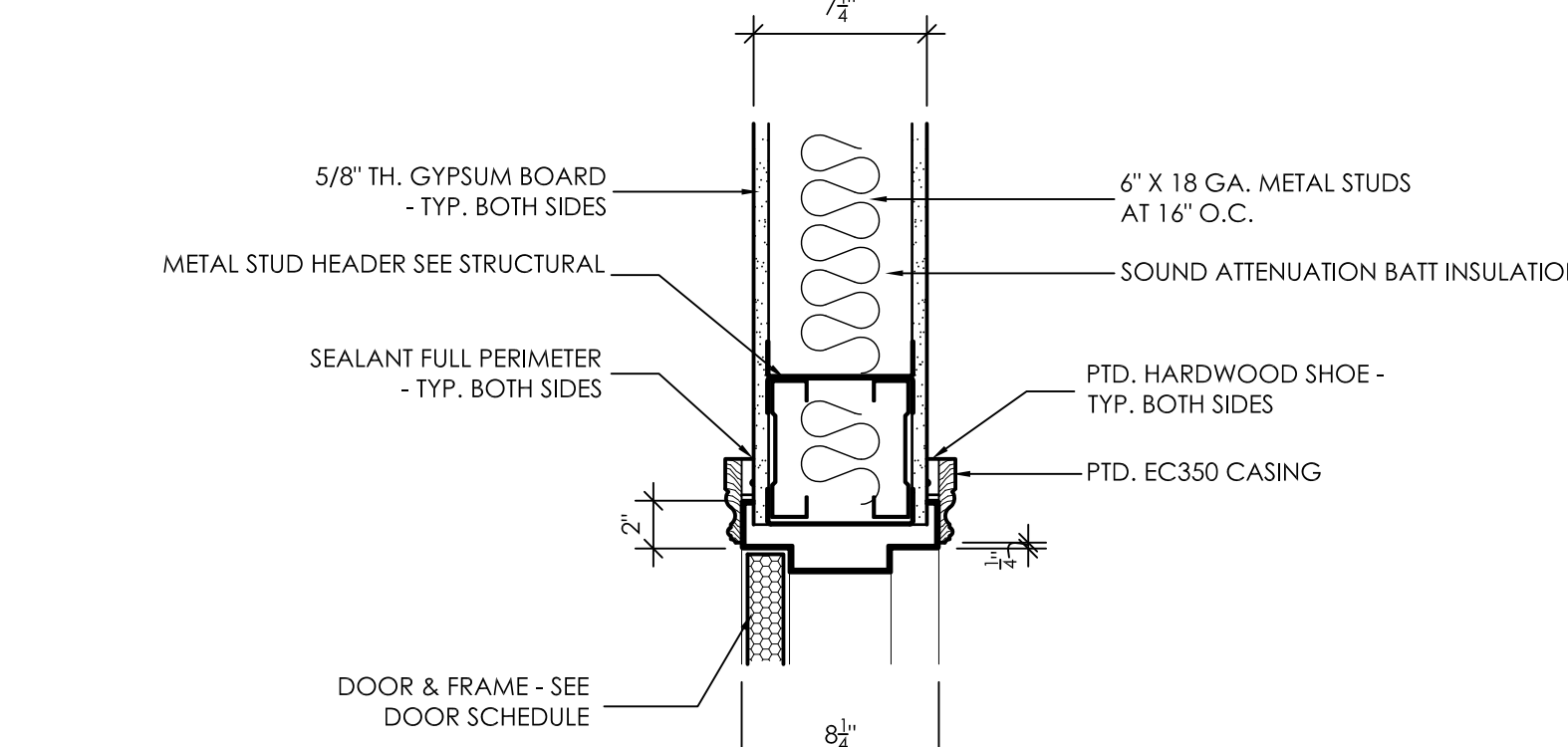
**11** JAMB DETAIL  
A5.5 1 1/2" = 1'-0"



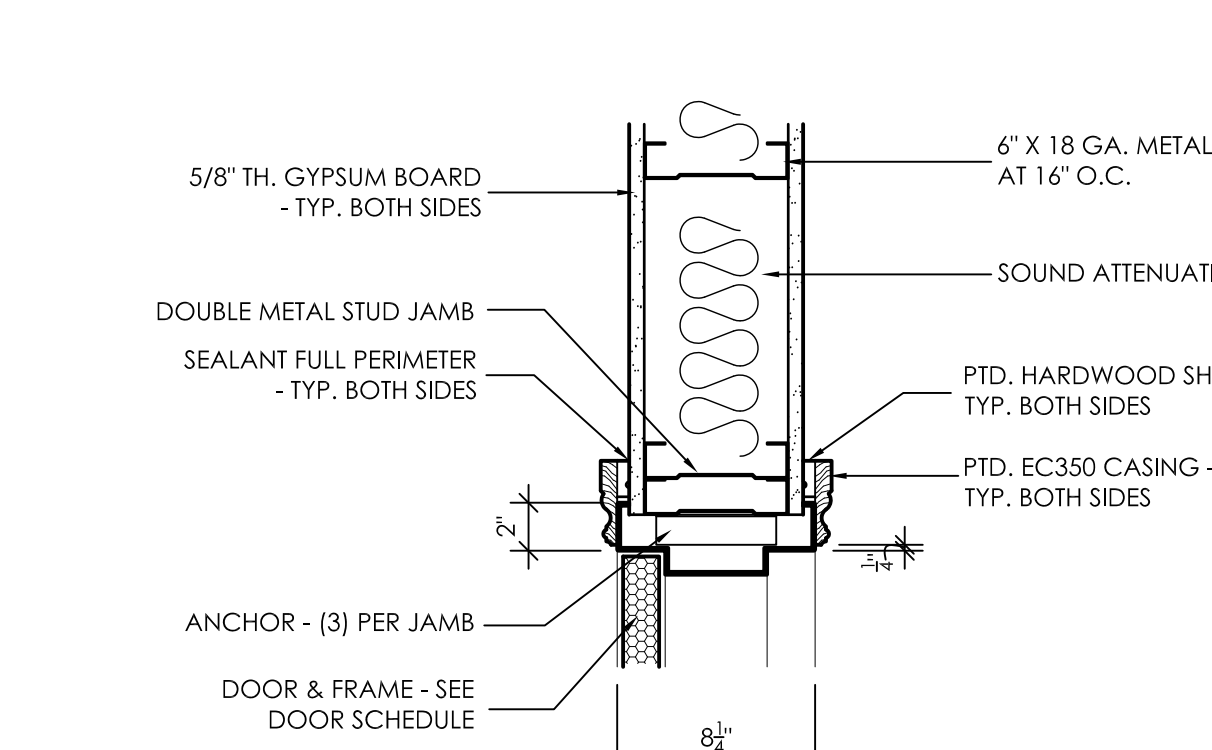
**12** SILL DETAIL  
A5.5 1 1/2" = 1'-0"



**14** SILL DETAIL  
A5.5 1 1/2" = 1'-0"

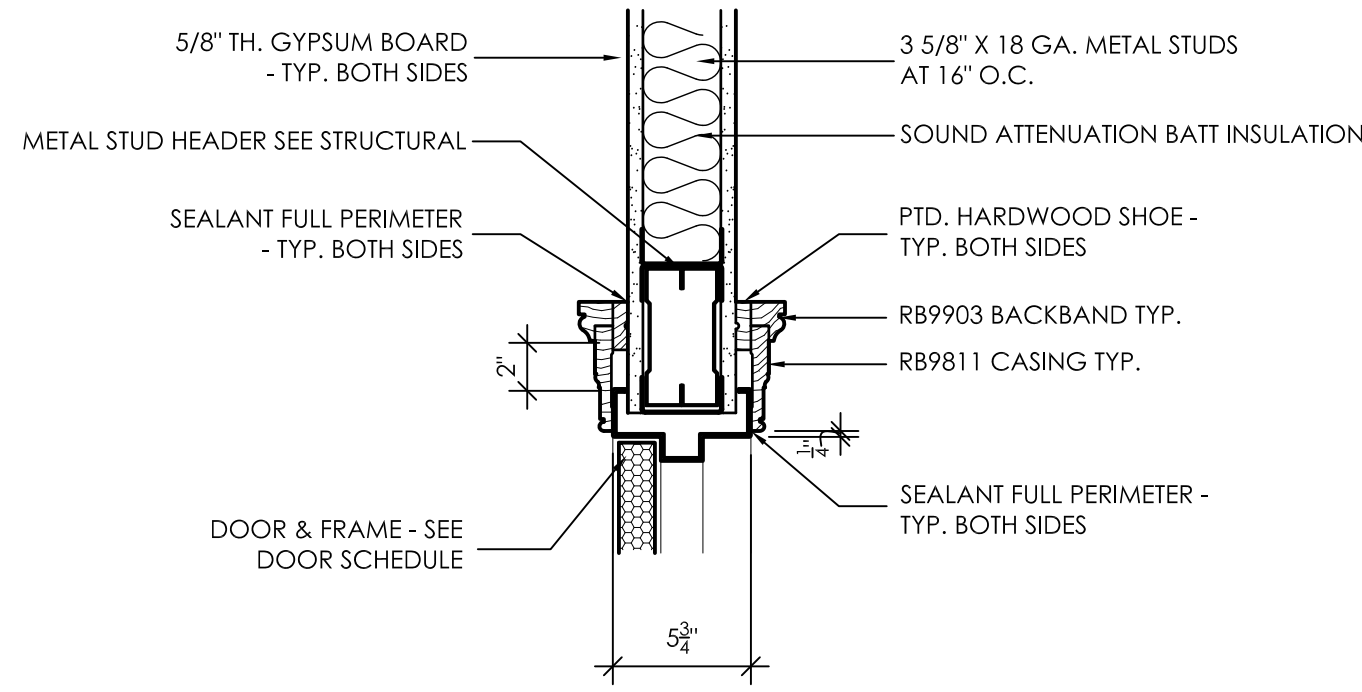


**15** HEAD DETAIL  
A5.5 1 1/2" = 1'-0"

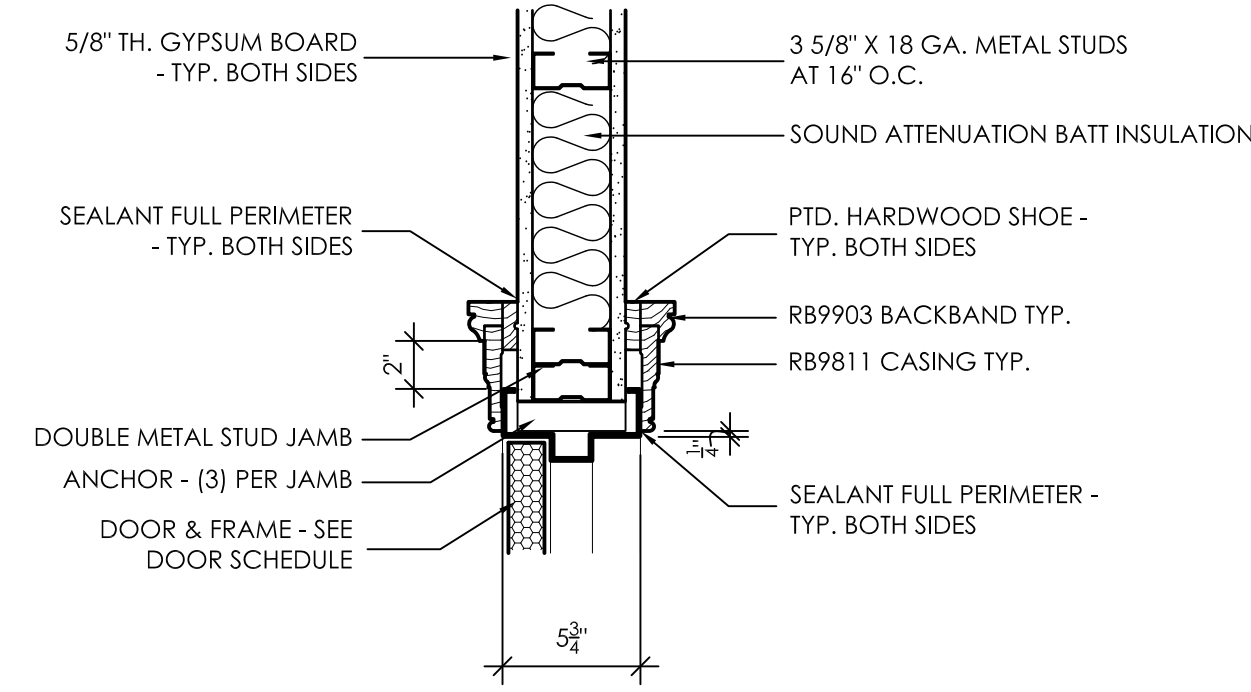


**16** JAMB DETAIL  
A5.5 1 1/2" = 1'-0"

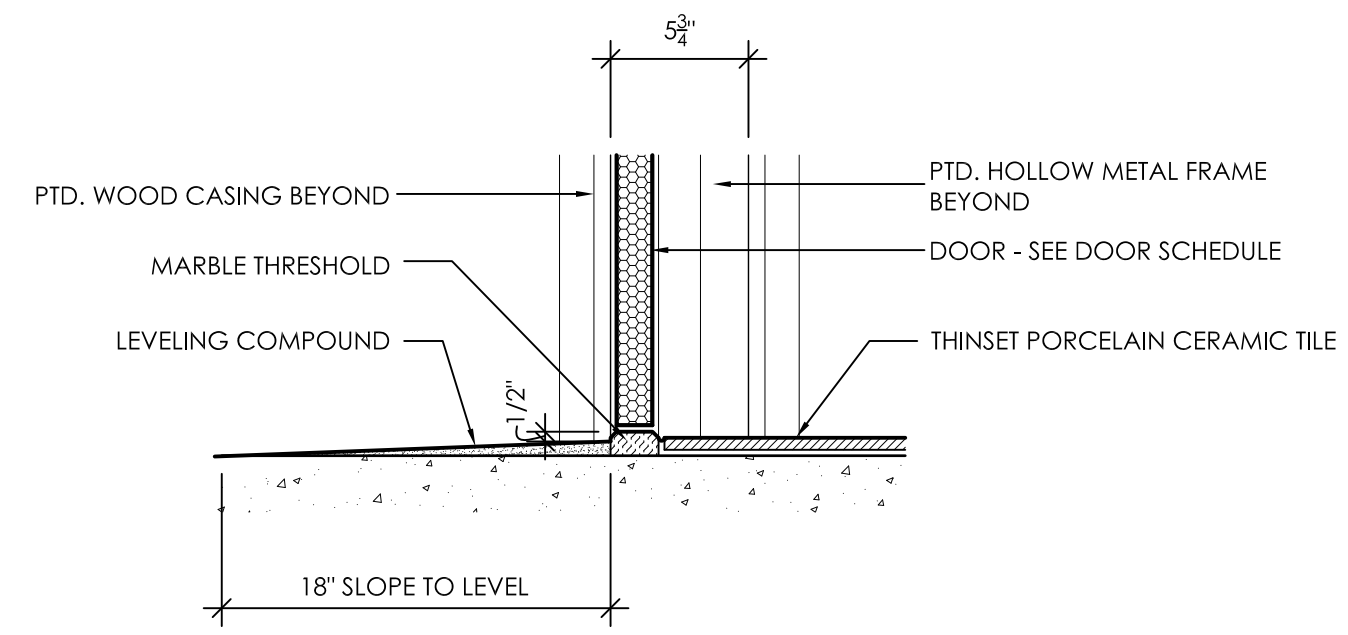
- GENERAL NOTES**
- ALL WOOD TRIM SHALL BE PAINT GRADE HARDWOOD
  - COORDINATE ANY AND ALL EMBEDDED ANCHORS IN CAST STONE W/ CAST STONE SUPPLIER
  - ALL FOOTINGS AND GRADE BEAMS ARE DIAGRAMMATICAL REFER TO STRUCTURAL DRAWINGS FOR FOOTING AND GRADE BEAM DESIGN.
  - ALL METAL STUD SIZES ARE MINIMUMS AND ALL SPACINGS ARE MAXIMUMS. VERIFY WITH STRUCTURAL DWGS. AND COLD ROLLED METAL FRAMING CONTRACTOR.
  - ALL EXTERIOR STEEL (LINTELS, EDGE ANGLES, ETC.) SHALL BE HOT-DIPPED GALVANIZED AND PAINTED.
  - SEAL ALL JOINTS IN CAST STONE WALL CAPS W/ OVERSIZE BACKER ROD AND NEUTRAL CORE SILICONE. THIS INCLUDES SETTING JOINTS AND PERIMETER JOINTS.
  - SEAL ALL PENETRATIONS WITH NEUTRAL CORE SEALANT.
  - PROVIDE AND INSTALL MORTAR SCREENING AT ALL THRU-WALL FLASHING LOCATIONS.
  - PROVIDE AND INSTALL MEMBRANE FLASHING AT ANY INSTANCE WHERE CAST STONE ABUTS BRICK VENEER.
  - HOLD THRU-WALL FLASHING 1/2" FROM FACE OF FINISH SURFACE.
  - COMPLY WITH UA STANDARD FLASHING DETAILS. SEE SPECS.



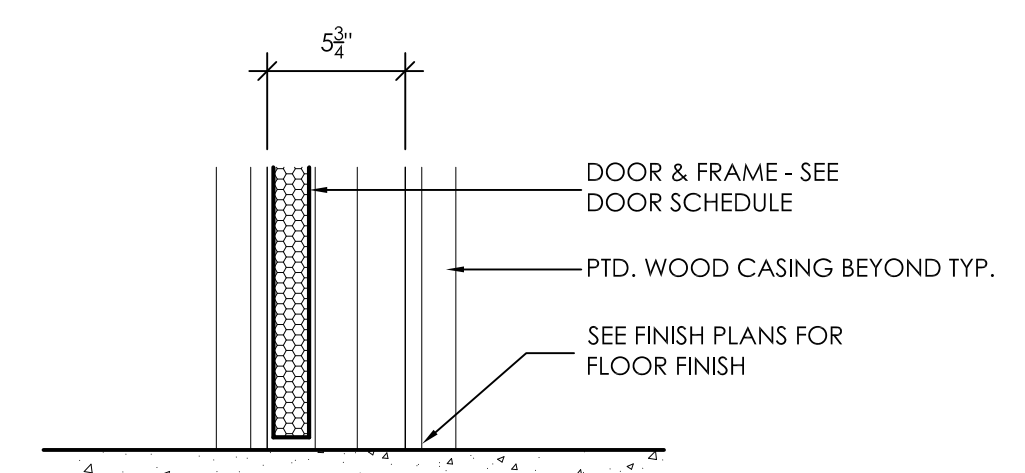
1 HEAD DETAIL  
A5.6 1 1/2" = 1'-0"



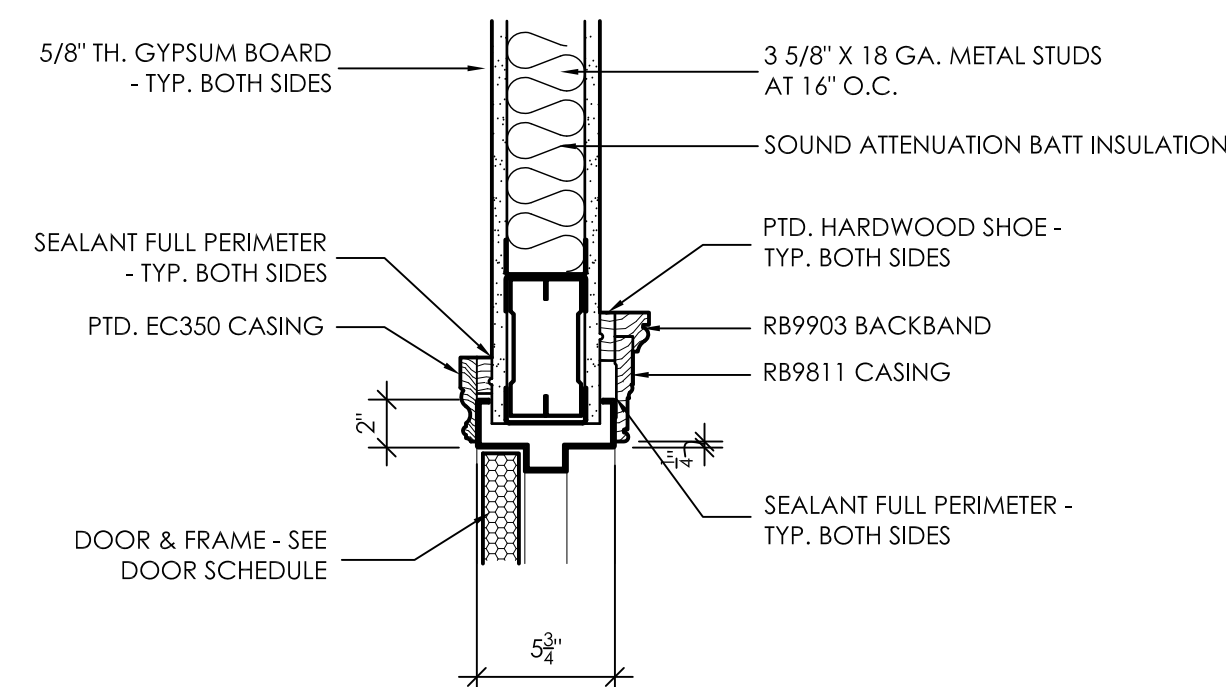
2 JAMB DETAIL  
A5.6 1 1/2" = 1'-0"



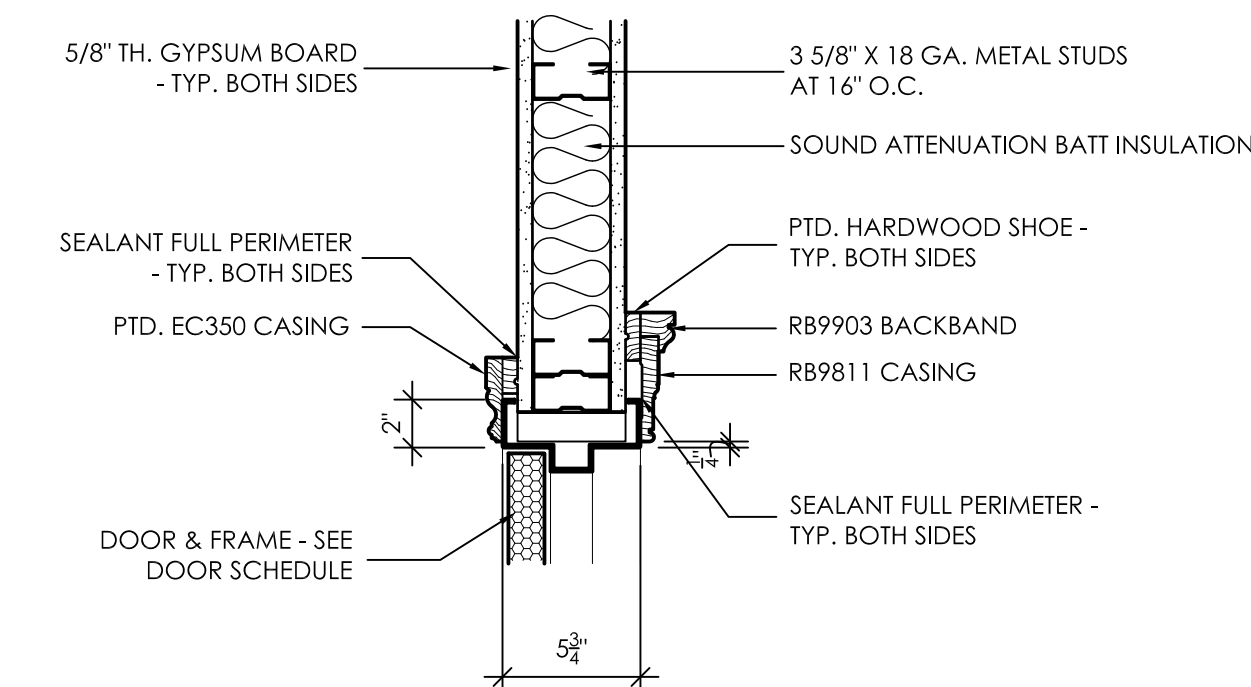
3 SILL DETAIL  
A5.6 1 1/2" = 1'-0"



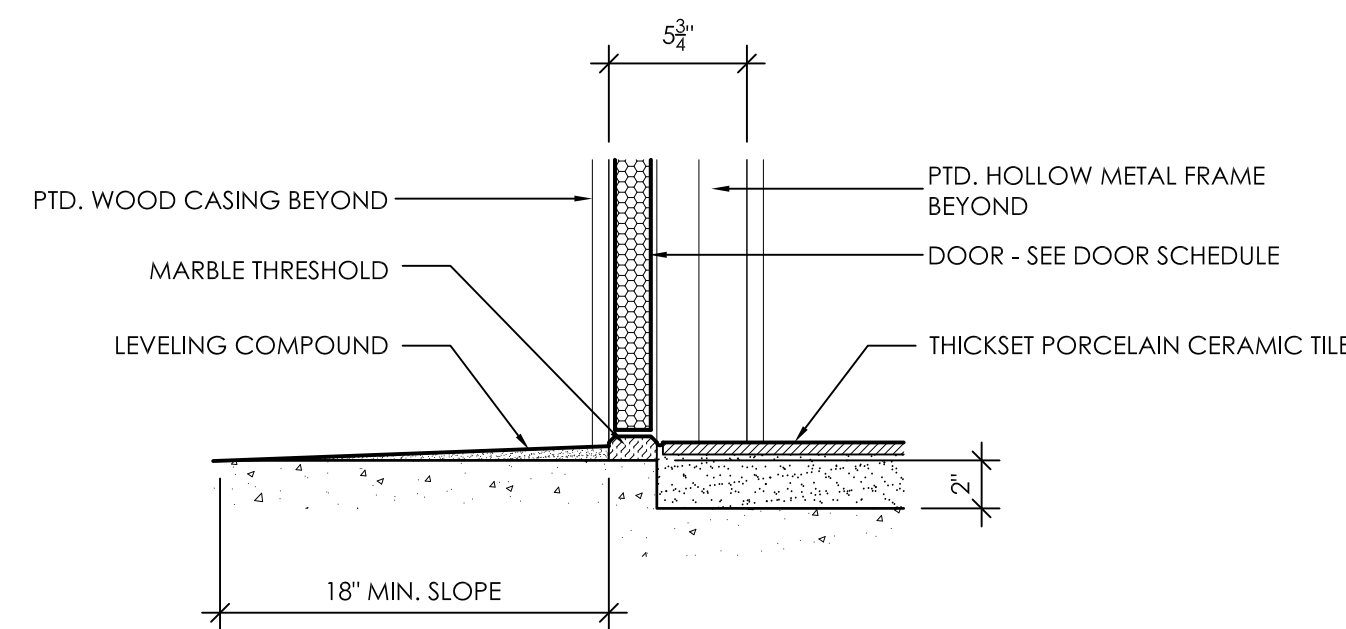
4 SILL DETAIL  
A5.6 1 1/2" = 1'-0"



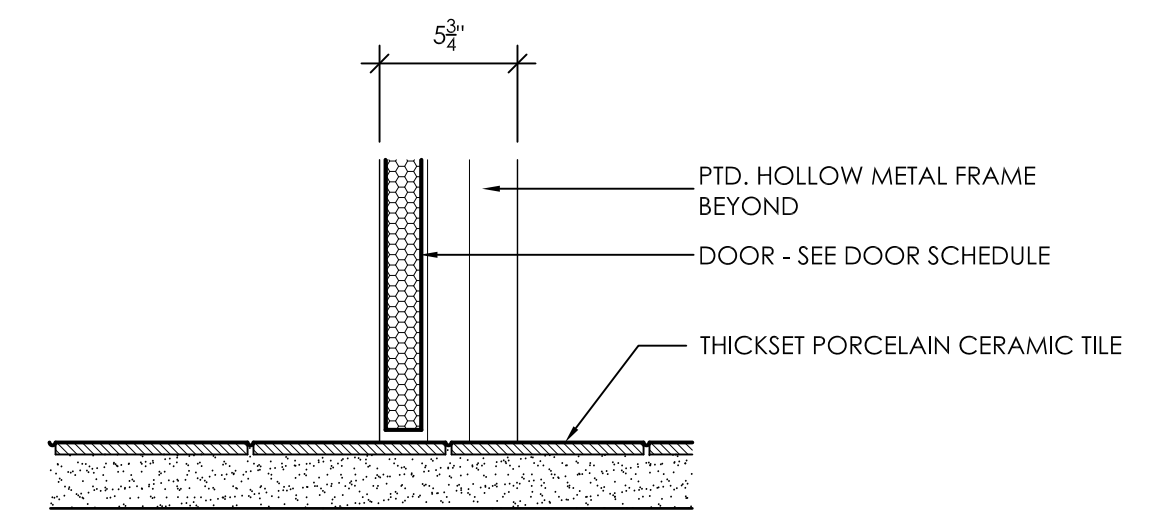
5 HEAD DETAIL  
A5.6 1 1/2" = 1'-0"



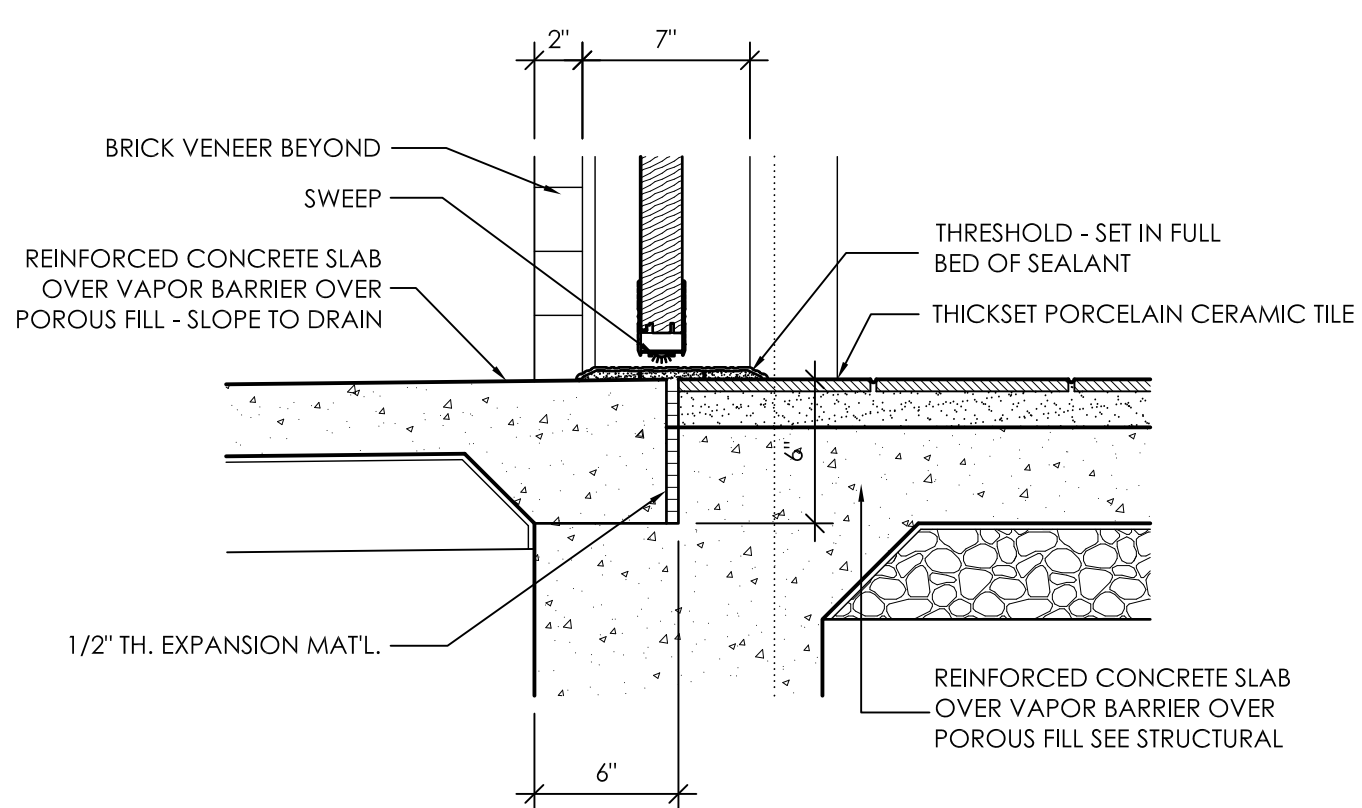
6 JAMB DETAIL  
A5.6 1 1/2" = 1'-0"



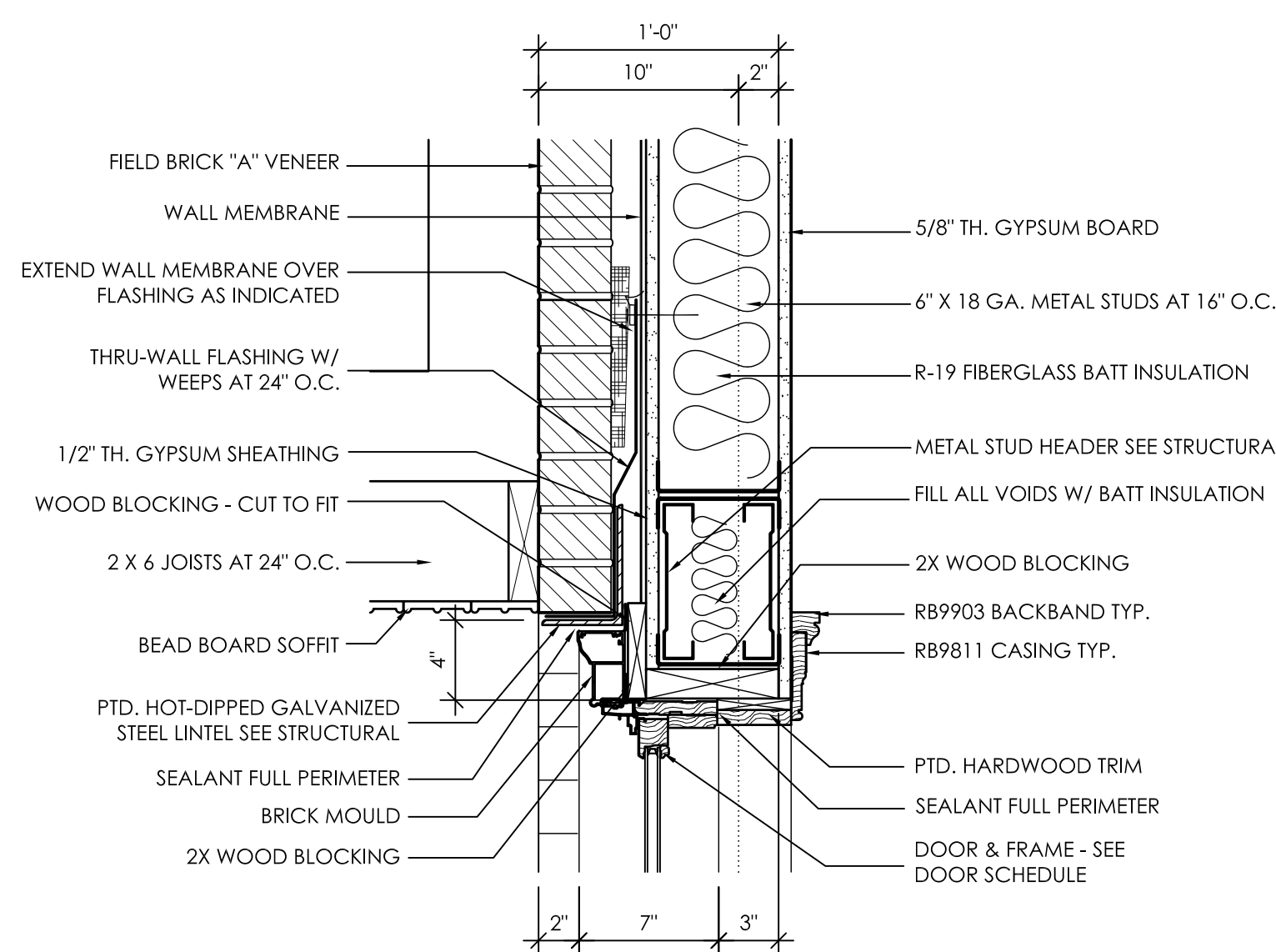
7 SILL DETAIL  
A5.6 1 1/2" = 1'-0"



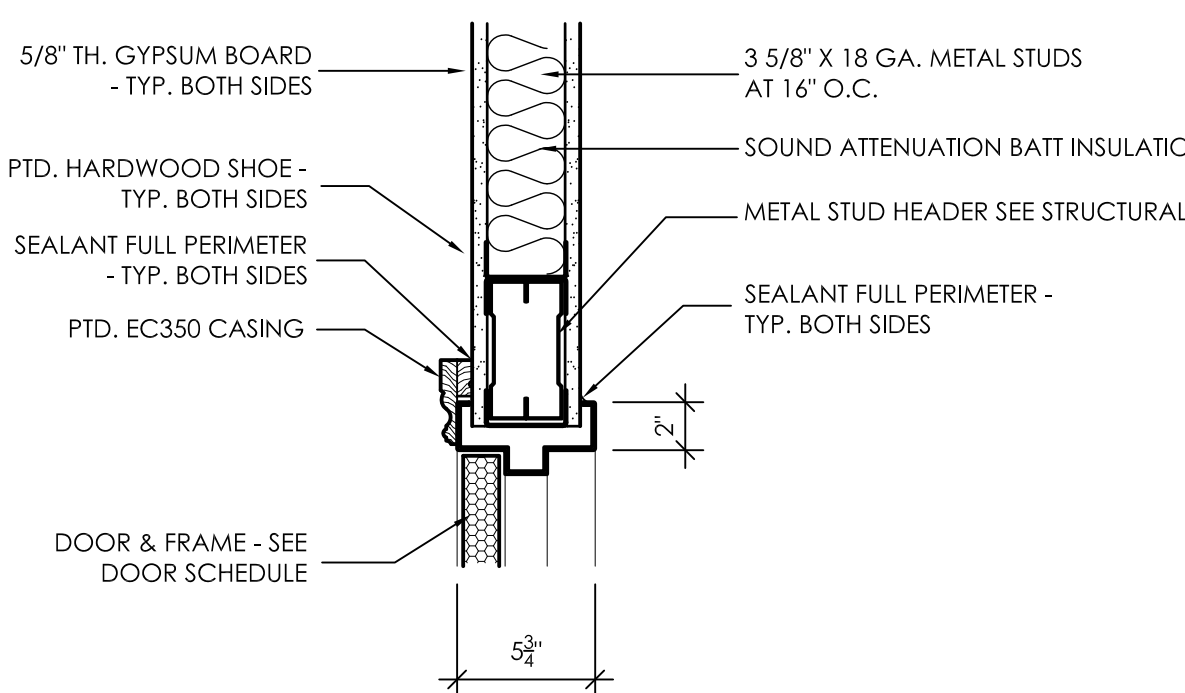
8 SILL DETAIL  
A5.6 1 1/2" = 1'-0"



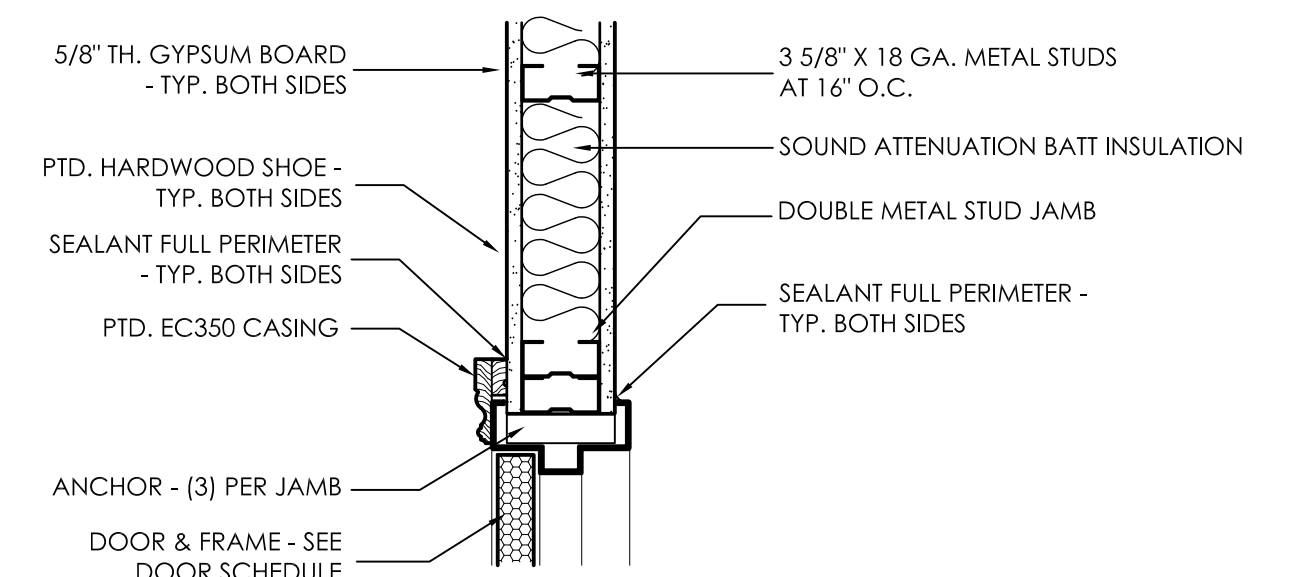
9 SILL DETAIL  
A5.6 1 1/2" = 1'-0"



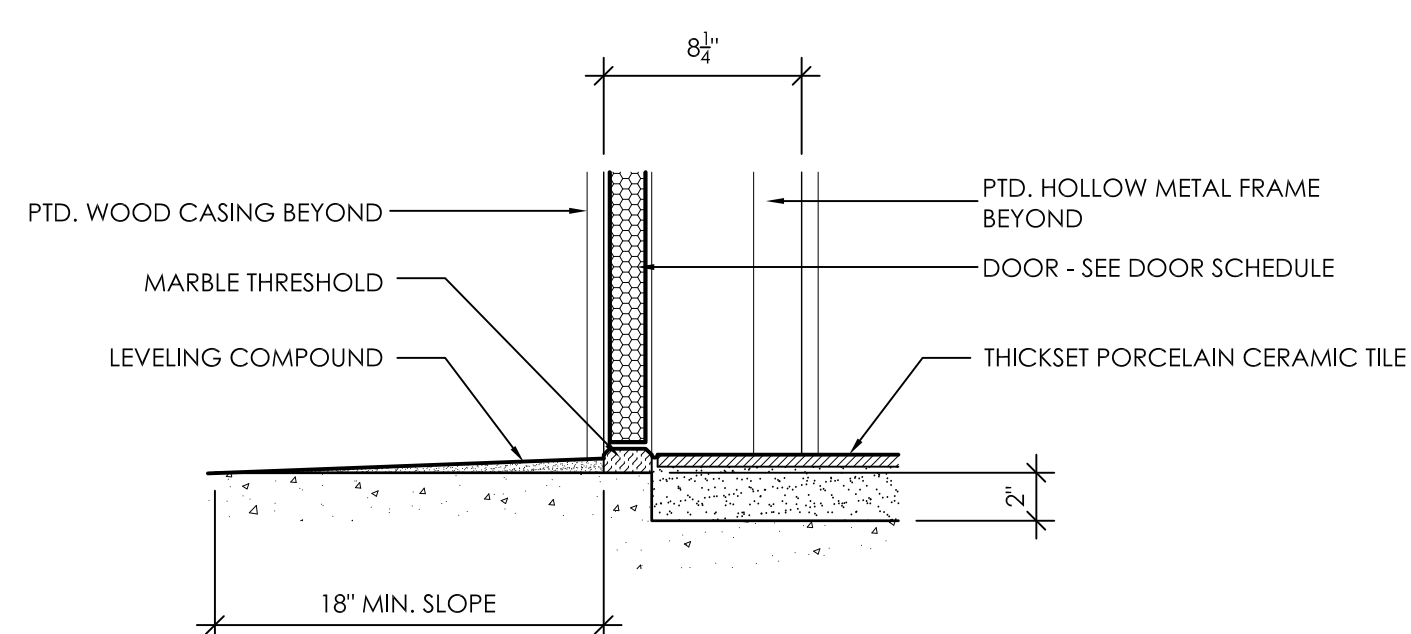
10 HEAD DETAIL  
A5.6 1 1/2" = 1'-0"



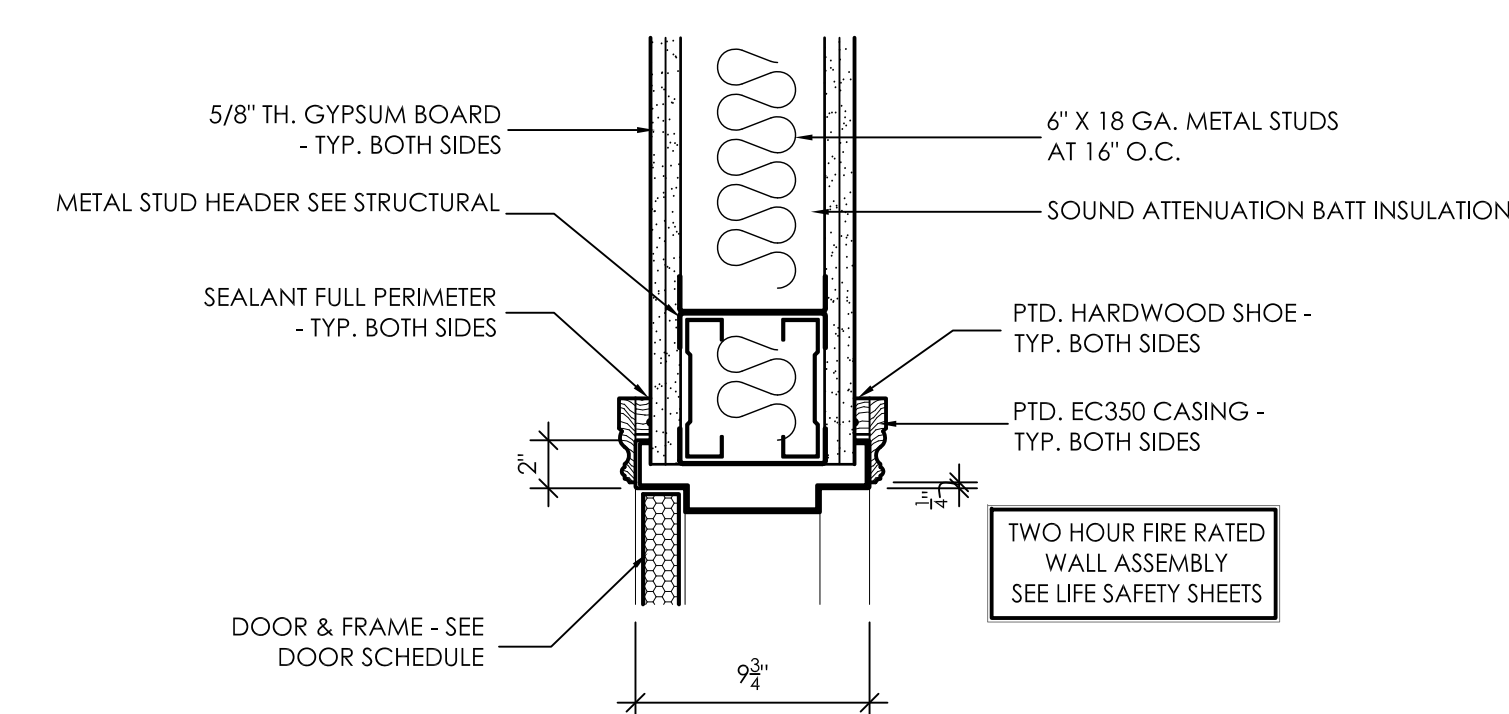
11 HEAD DETAIL  
A5.6 1 1/2" = 1'-0"



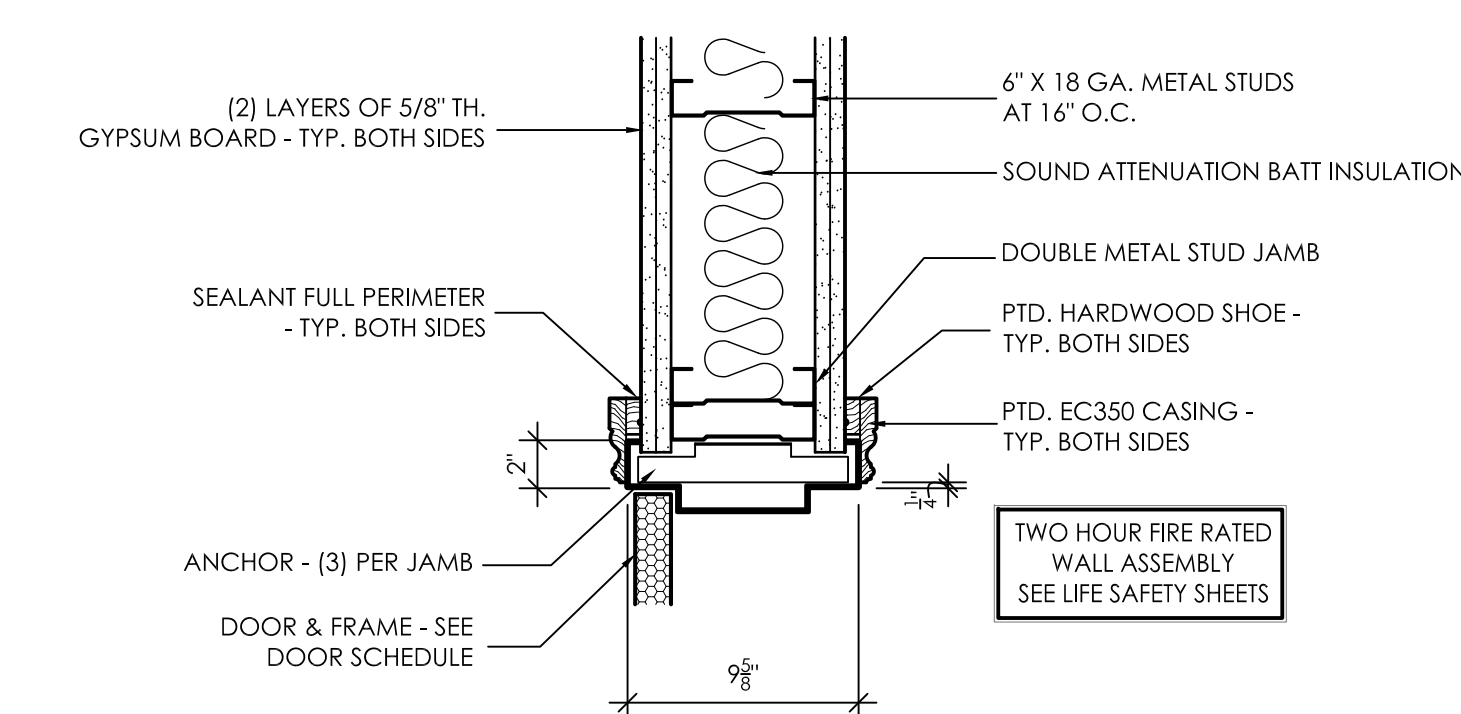
12 JAMB DETAIL  
A5.6 1 1/2" = 1'-0"



14 SILL DETAIL  
A5.6 1 1/2" = 1'-0"

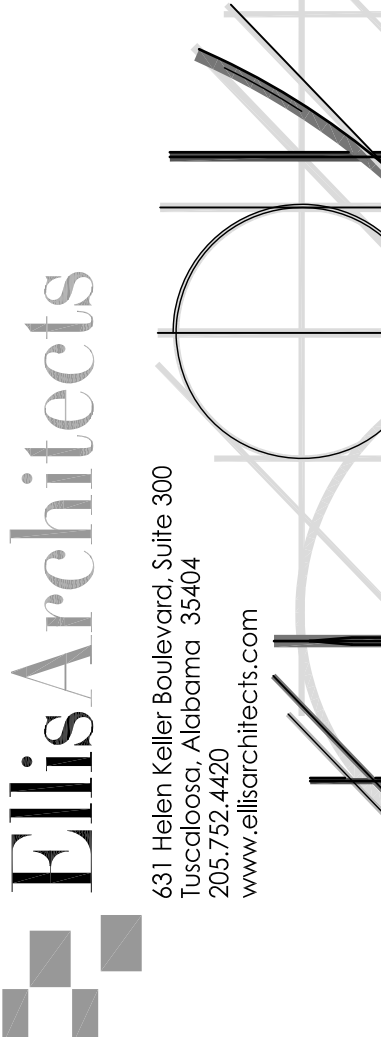


15 HEAD DETAIL  
A5.6 1 1/2" = 1'-0"



16 JAMB DETAIL  
A5.6 1 1/2" = 1'-0"

GENERAL NOTES	
1.	ALL WOOD TRIM SHALL BE PAINT GRADE HARDWOOD
2.	COORDINATE ANY AND ALL EMBEDDED ANCHORS IN CAST STONE W/ CAST STONE SUPPLIER
3.	ALL FOOTINGS AND GRADE BEAMS ARE DIAGRAMMATICAL. REFER TO STRUCTURAL DRAWINGS FOR FOOTING AND GRADE BEAM DESIGN.
4.	ALL EXTERIOR STEEL (LINTELS, EDGE ANGLES, ETC.) SHALL BE HOT-DIPPED GALVANIZED AND PAINTED.
5.	SEAL ALL JOINTS IN CAST STONE WALL CAPS W/ OVERSIZE BACKER ROD AND NEUTRAL CORE SILICONE. THIS INCLUDES SETTING JOINTS AND PERIMETER JOINTS.
6.	SEAL ALL PENETRATIONS WITH NEUTRAL CORE SEALANT.
7.	PROVIDE AND INSTALL MORTAR SCREENING AT ALL THRU-WALL FLASHING LOCATIONS.
8.	PROVIDE AND INSTALL MEMBRANE FLASHING AT ANY INSTANCE WHERE CAST STONE ABUTS BRICK VENEER.
9.	HOLD THRU-WALL FLASHING 1/2" FROM FACE OF FINISH SURFACE.
10.	COMPLY WITH UA STANDARD FLASHING DETAILS. SEE SPECS.



New Sorority House For  
BETA PSI CHAPTER OF  
**DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama

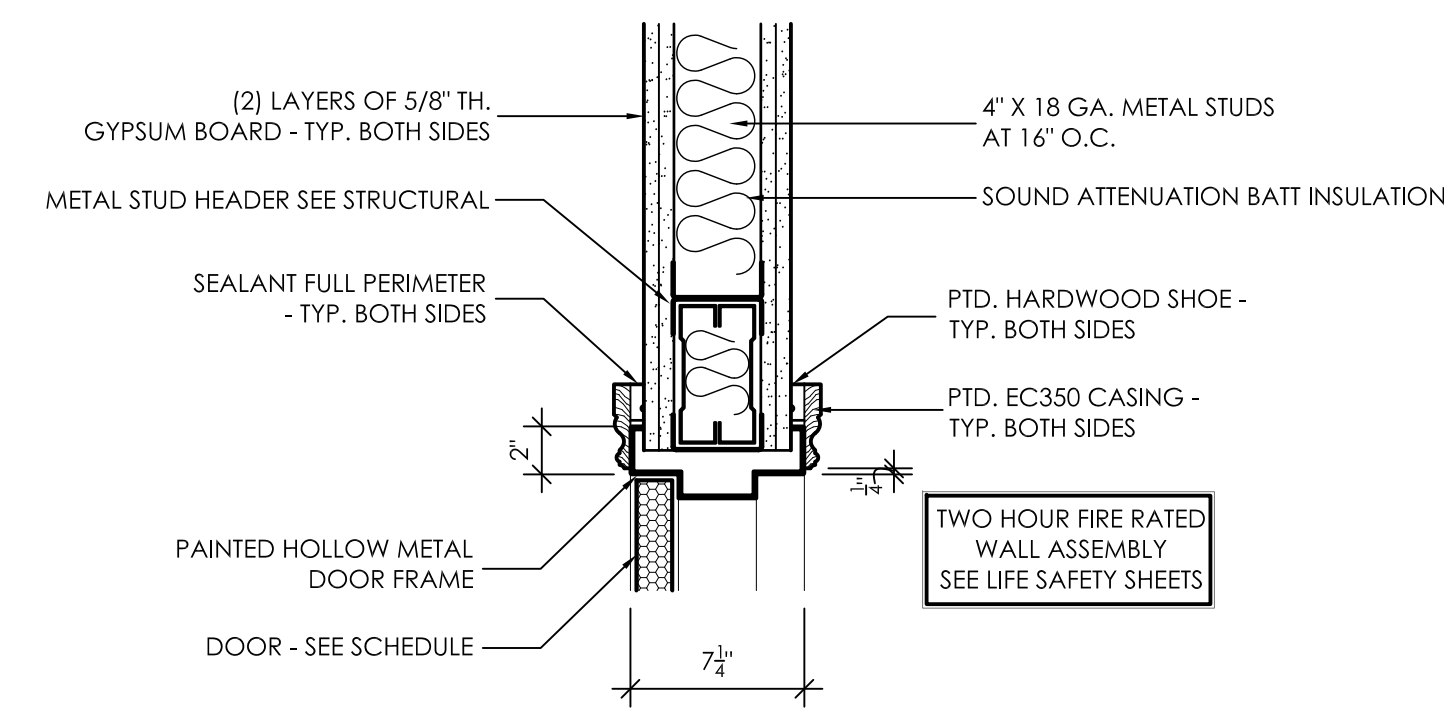


Copyright © 2011  
Ellis Architects, Inc.

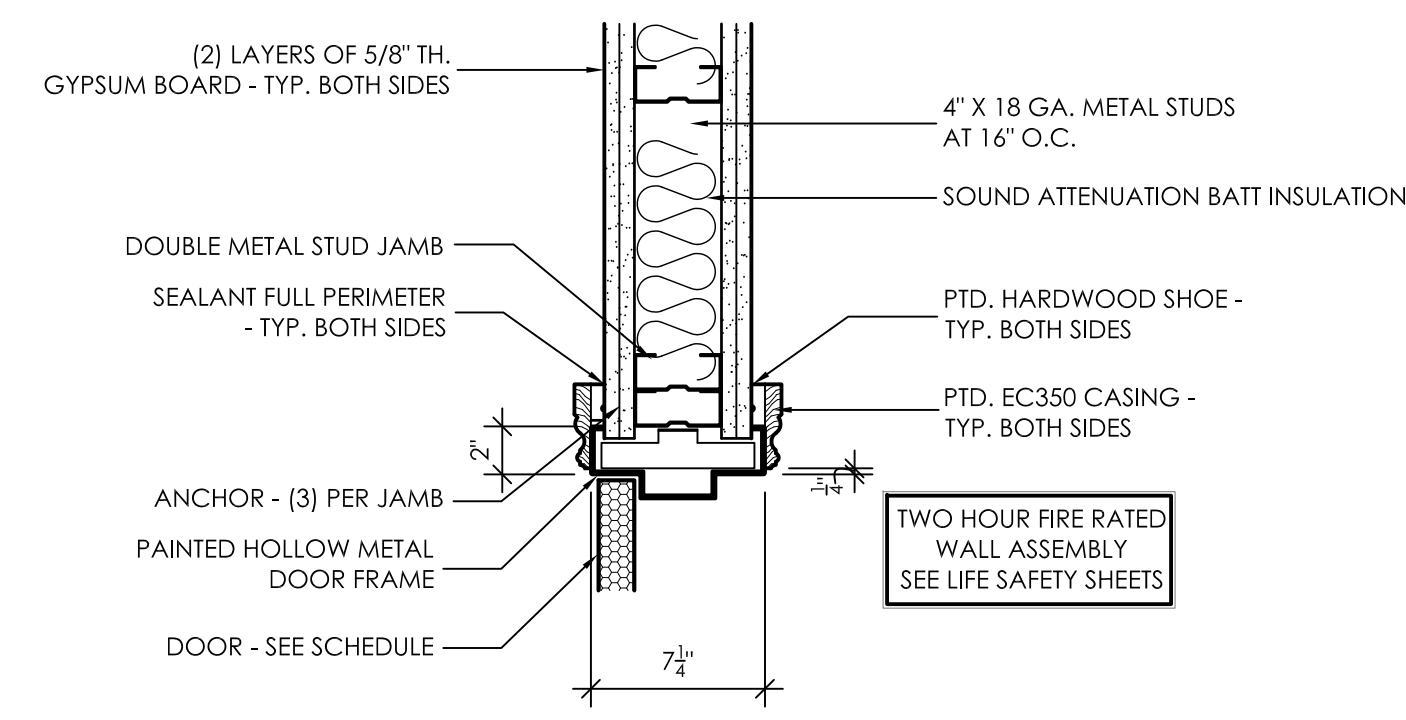
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

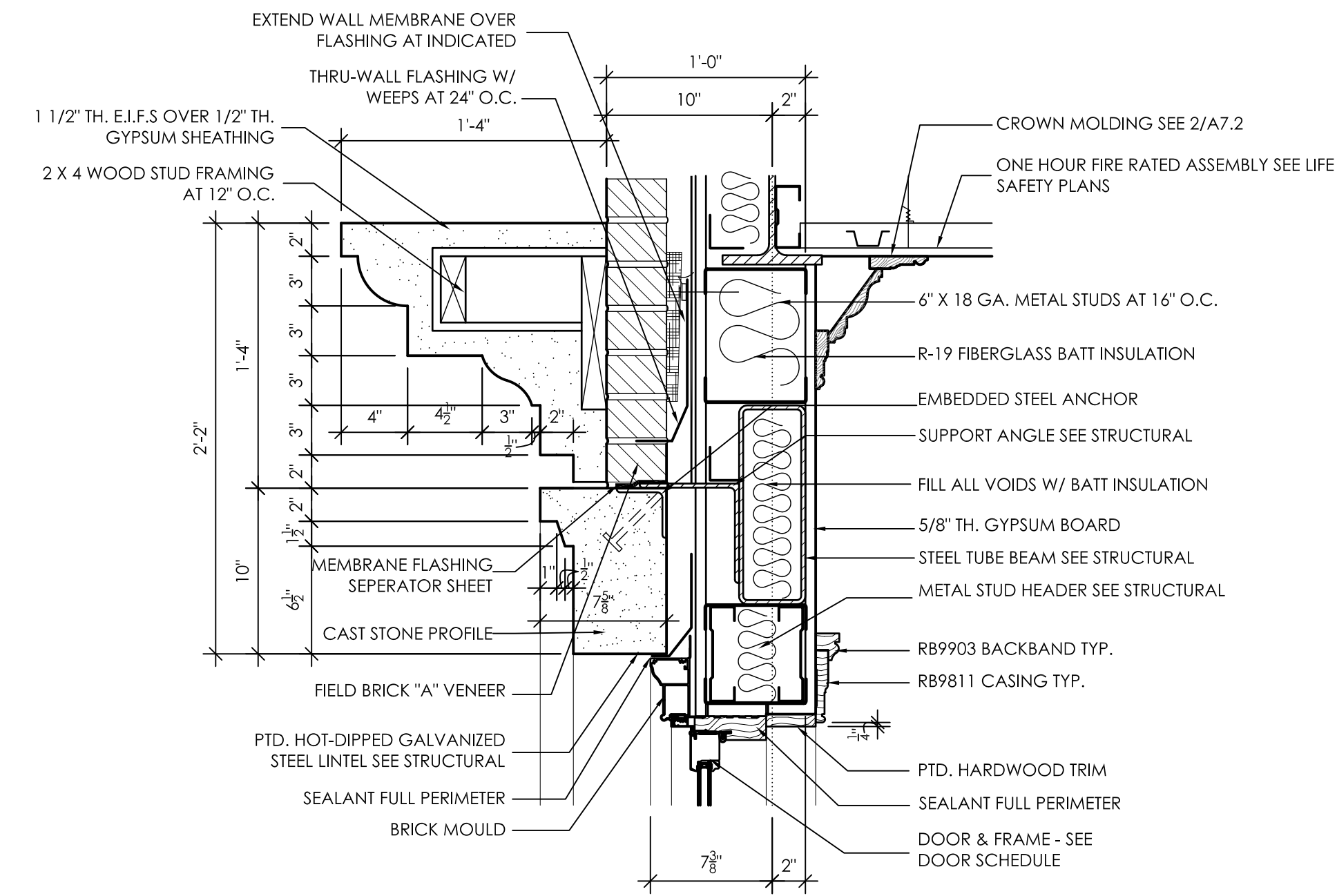
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Jim
<b>HEAD, JAMB &amp; SILLS</b>	
SHEET NUMBER	A5.6



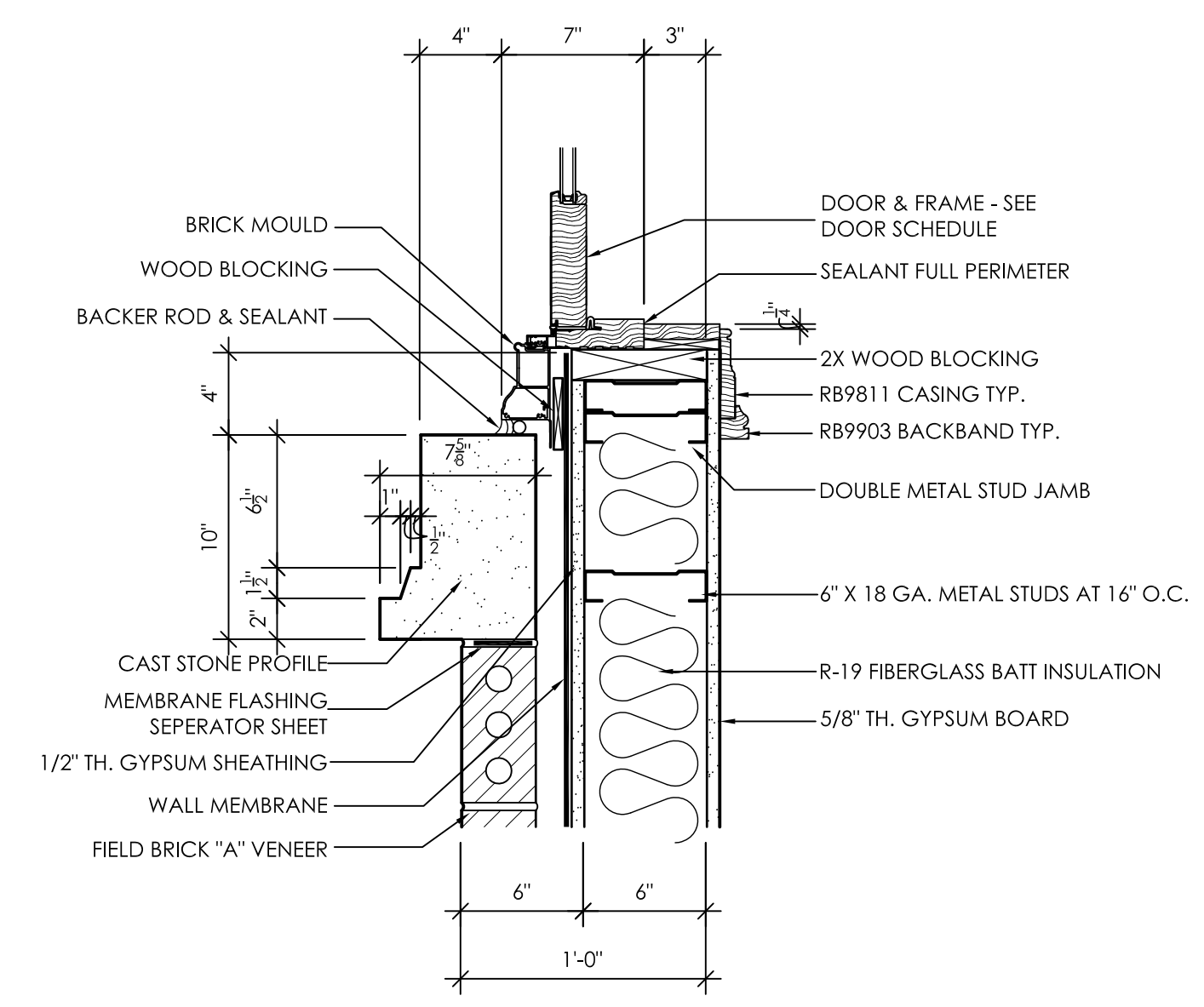
**1** HEAD DETAIL  
A5.7 1 1/2" = 1'-0"



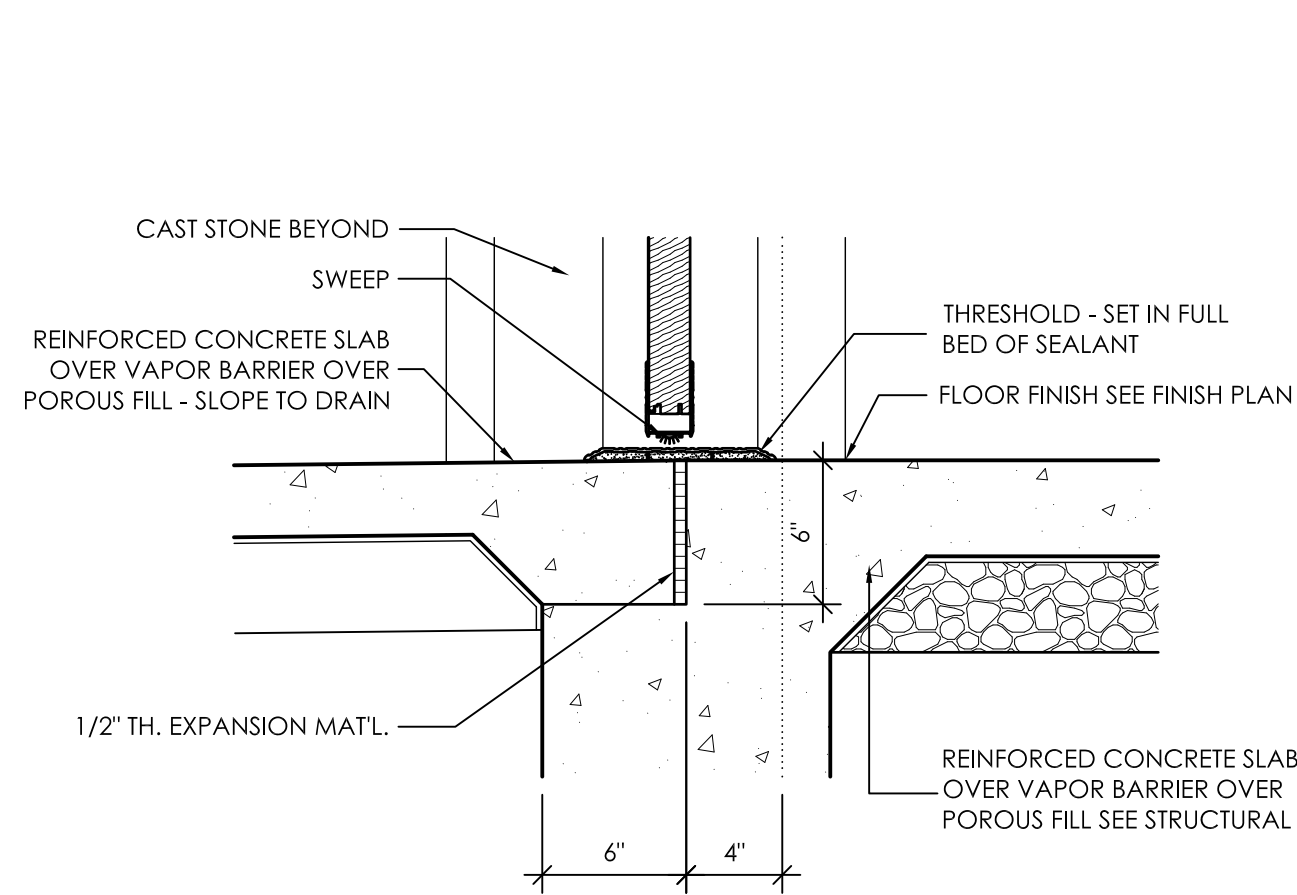
**2** JAMB DETAIL  
A5.7 1 1/2" = 1'-0"



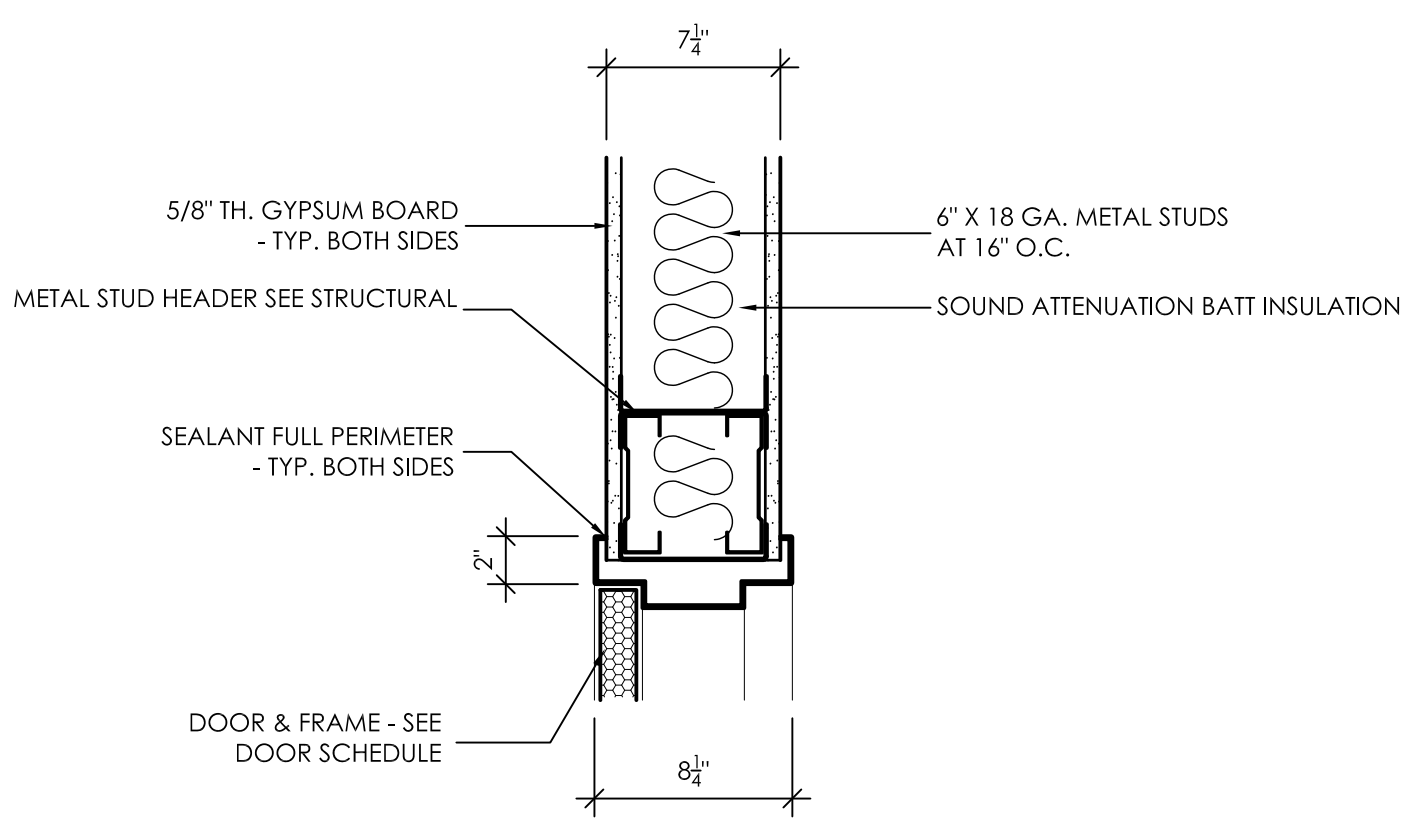
**3** HEAD DETAIL  
A5.7 1 1/2" = 1'-0"



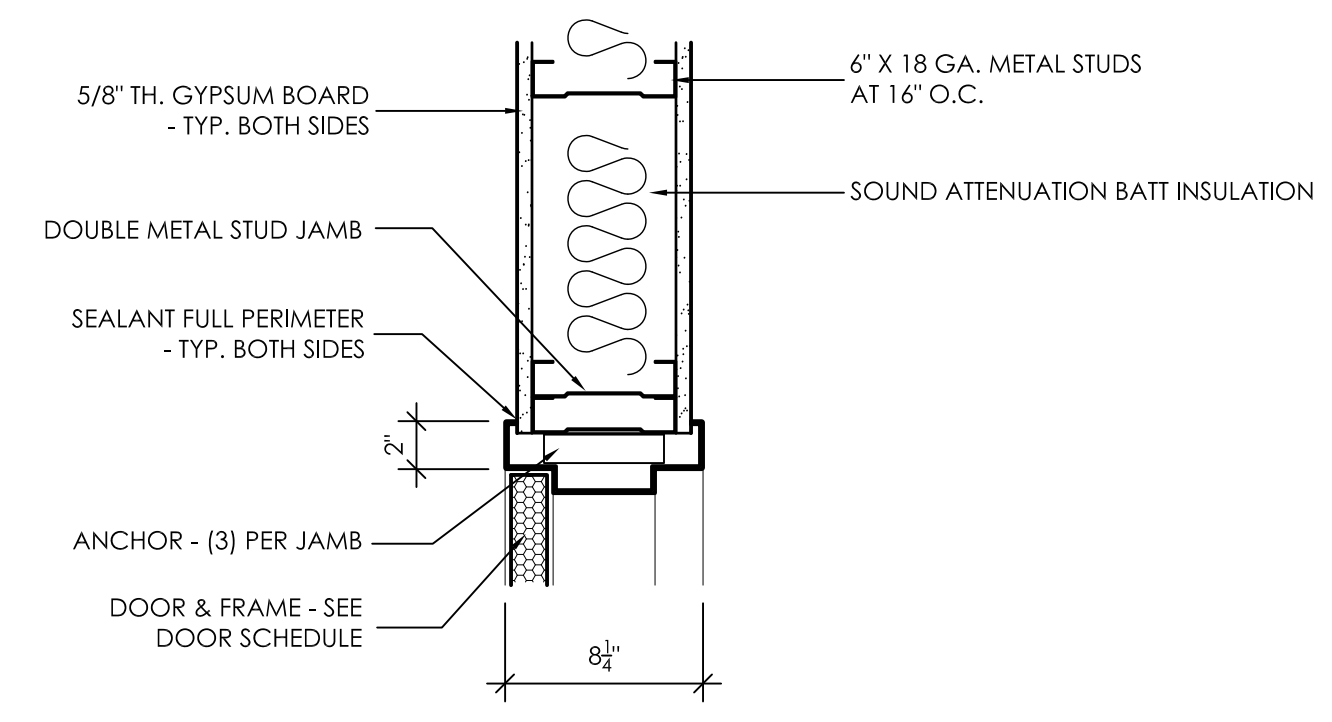
**4** JAMB DETAIL  
A5.7 1 1/2" = 1'-0"



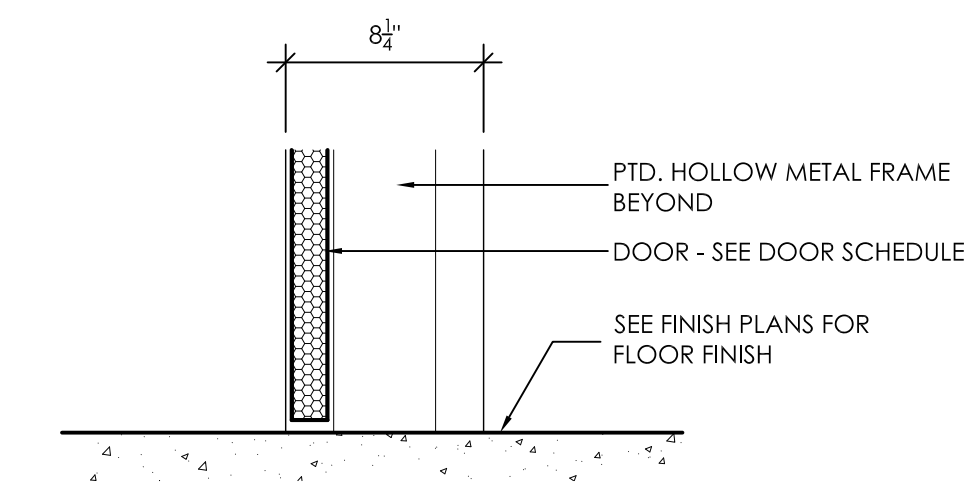
**5** SILL DETAIL  
A5.7 1 1/2" = 1'-0"



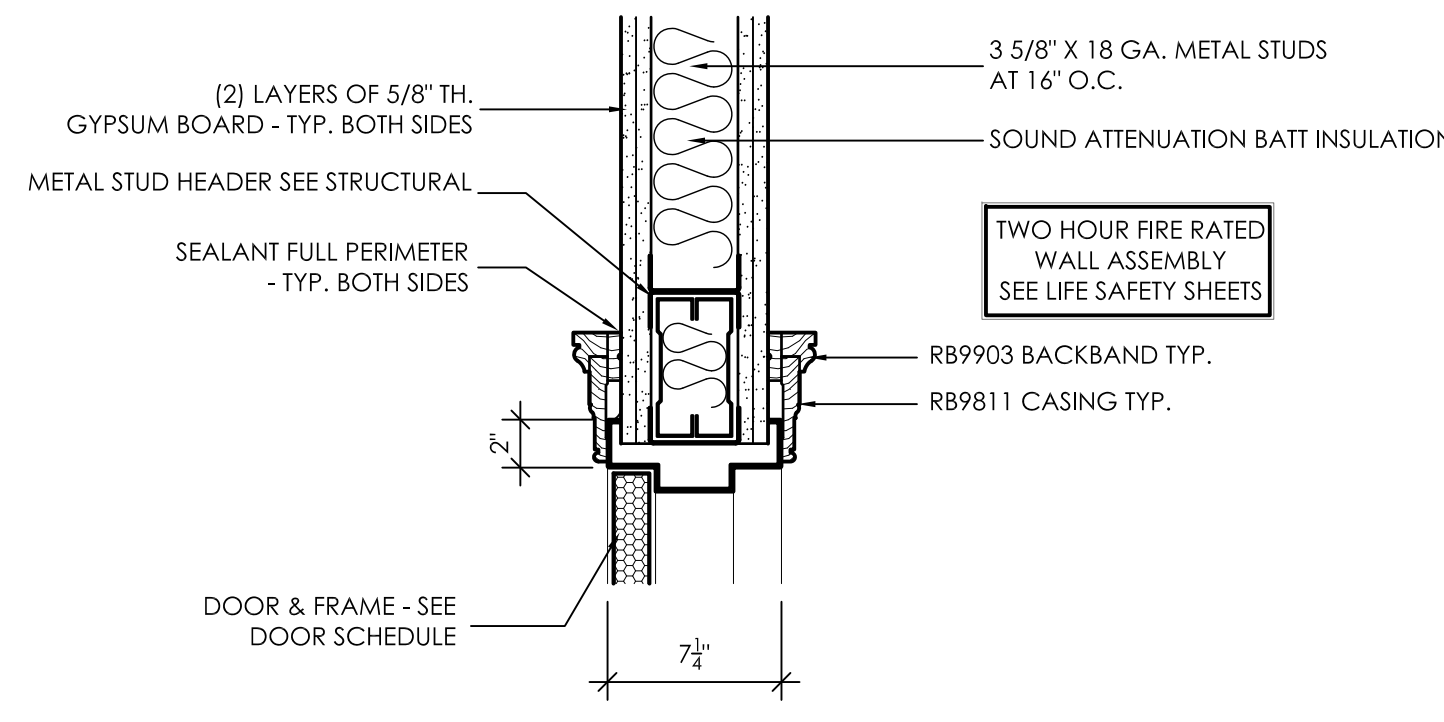
**6** HEAD DETAIL  
A5.7 1 1/2" = 1'-0"



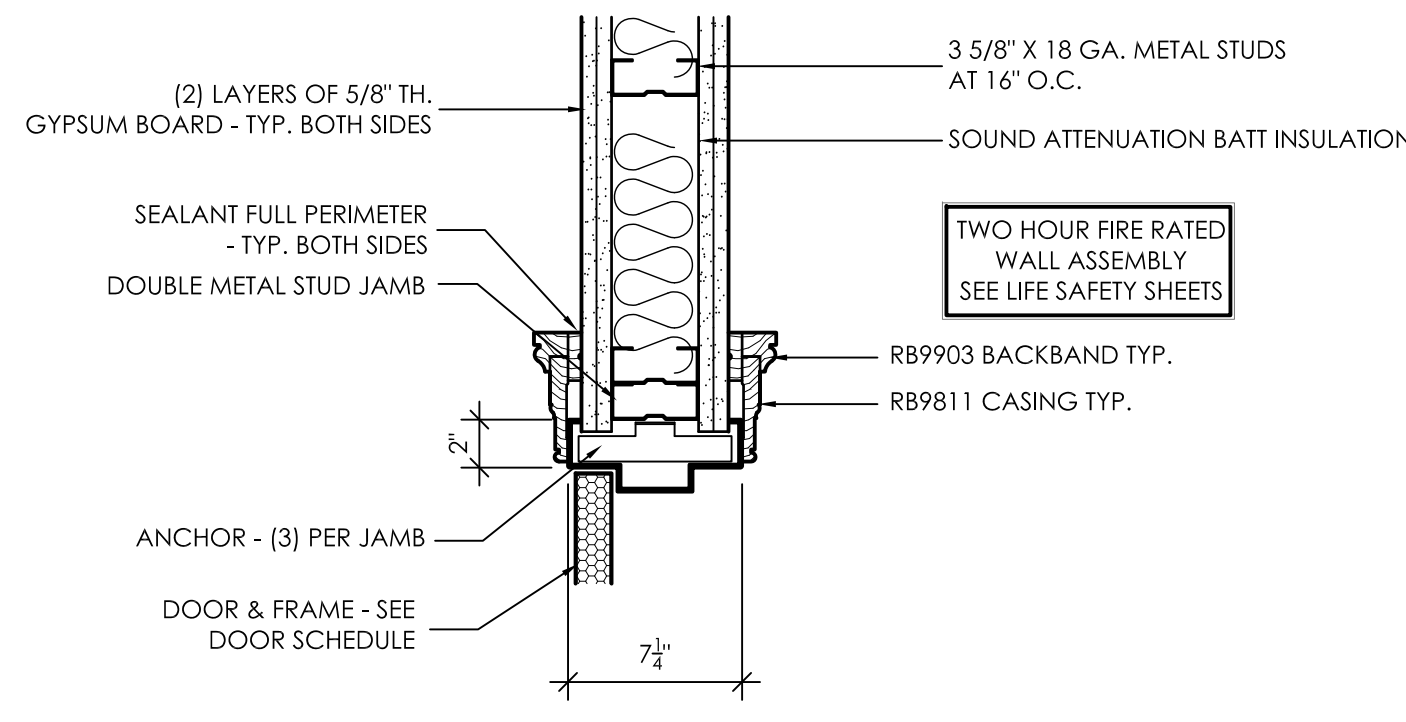
**7** JAMB DETAIL  
A5.7 1 1/2" = 1'-0"



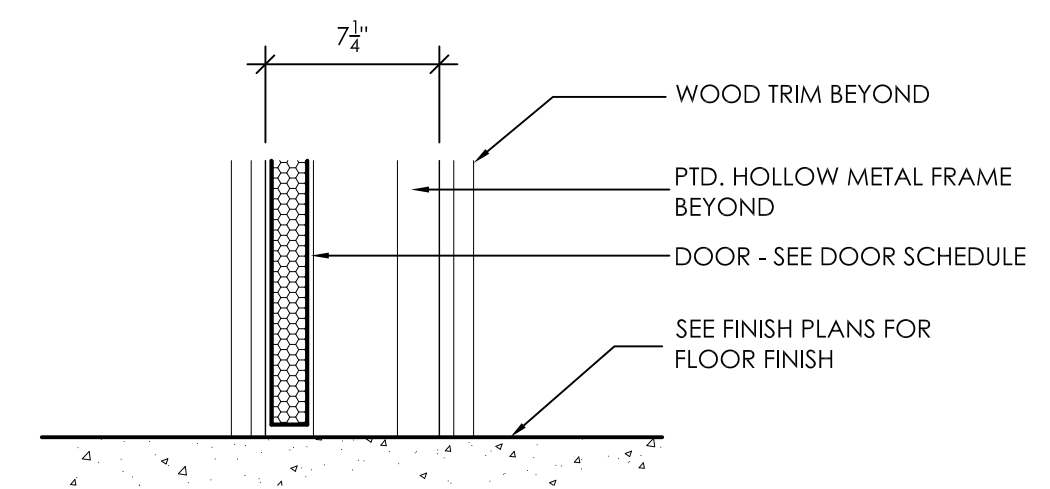
**8** SILL DETAIL  
A5.7 1 1/2" = 1'-0"



**9** HEAD DETAIL  
A5.7 1 1/2" = 1'-0"

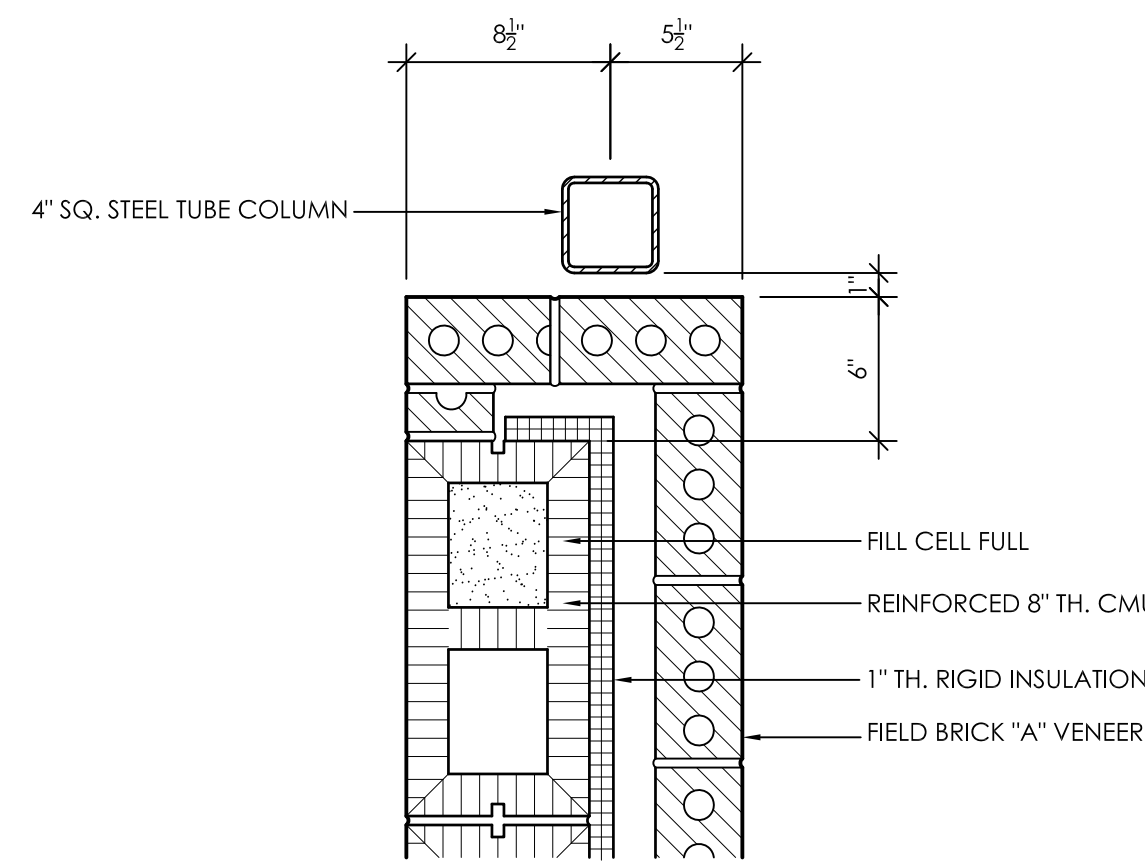


**10** JAMB DETAIL  
A5.7 1 1/2" = 1'-0"

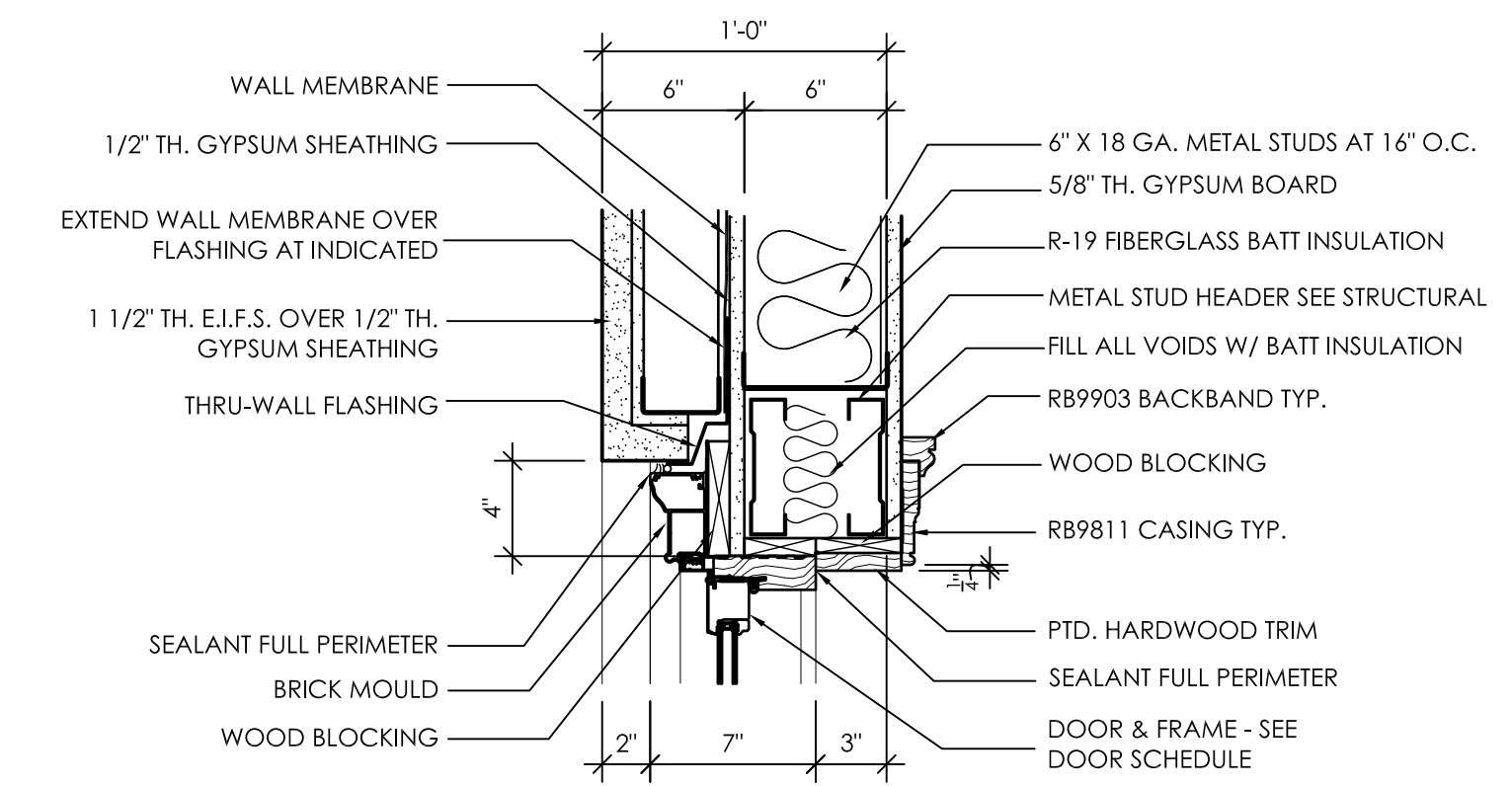


**11** SILL DETAIL  
A5.7 1 1/2" = 1'-0"

- GENERAL NOTES**
- ALL WOOD TRIM SHALL BE PAINT GRADE HARDWOOD
  - COORDINATE ANY AND ALL EMBEDDED ANCHORS IN CAST STONE W/ CAST STONE SUPPLIER
  - ALL FOOTINGS AND GRADE BEAMS ARE DIAGRAMMATICAL REFER TO STRUCTURAL DRAWINGS FOR FOOTING AND GRADE BEAM DESIGN.
  - ALL METAL STUD SIZES ARE MINIMUMS AND ALL SPACINGS ARE MAXIMUMS. VERIFY WITH STRUCTURAL DWGS. AND COLD ROLLED METAL FRAMING CONTRACTOR.
  - ALL EXTERIOR STEEL (LINTELS, EDGE ANGLES, ETC.) SHALL BE HOT-DIPPED GALVANIZED AND PAINTED.
  - SEAL ALL JOINTS IN CAST STONE WALL CAPS W/ OVERSIZE BACKER ROD AND NEUTRAL CORE SILICONE. THIS INCLUDES SETTING JOINTS AND PERIMETER JOINTS.
  - SEAL ALL PENETRATIONS WITH NEUTRAL CORE SEALANT.
  - PROVIDE AND INSTALL MORTAR SCREENING AT ALL THRU-WALL FLASHING LOCATIONS.
  - PROVIDE AND INSTALL MEMBRANE FLASHING AT ANY INSTANCE WHERE CAST STONE ABUTS BRICK VENEER.
  - HOLD THRU-WALL FLASHING 1/2" FROM FACE OF FINISH SURFACE.
  - COMPLY WITH UA STANDARD FLASHING DETAILS. SEE SPECS.



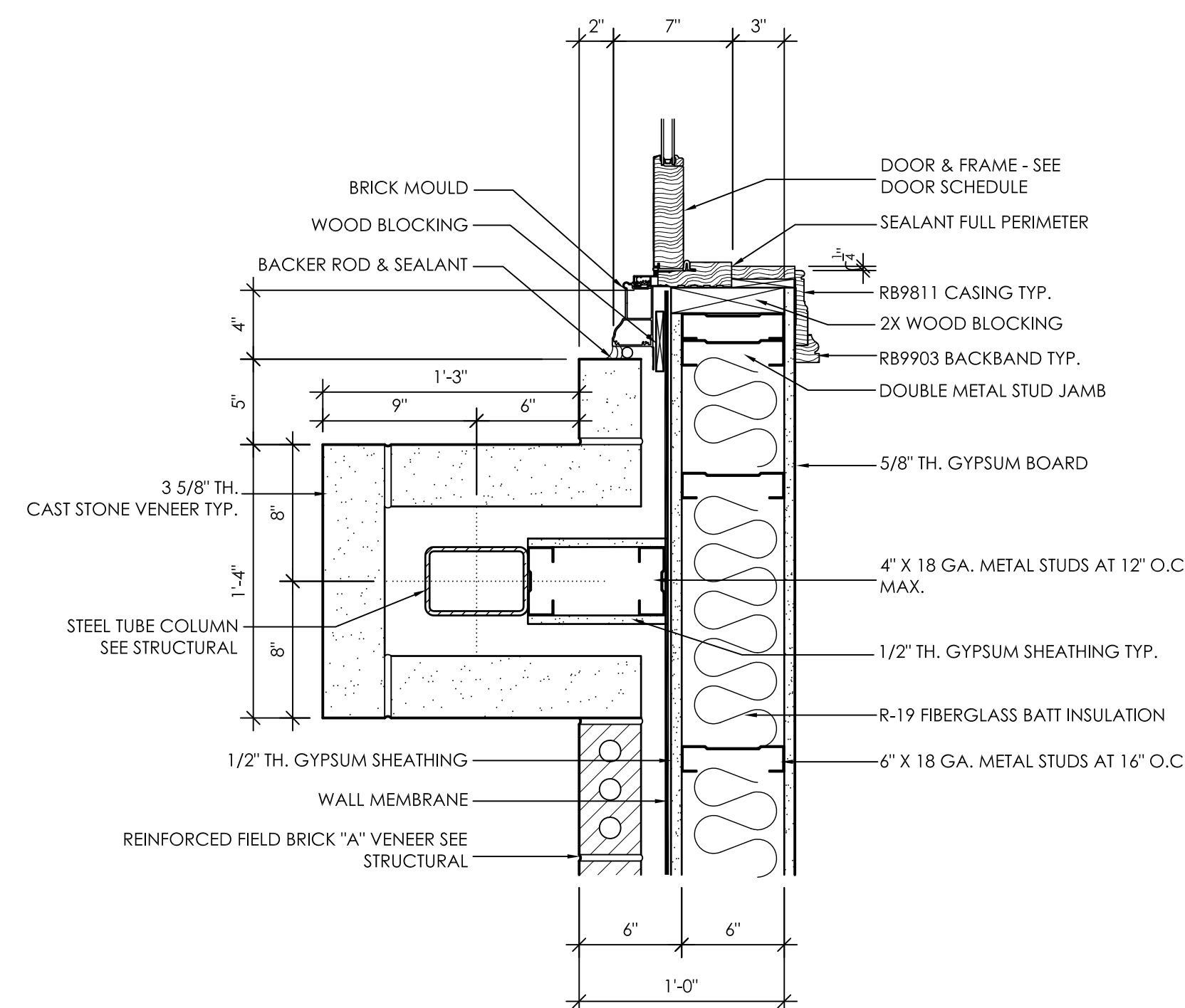
2 JAMB DETAIL  
A5.7A 1 1/2" = 1'-0"



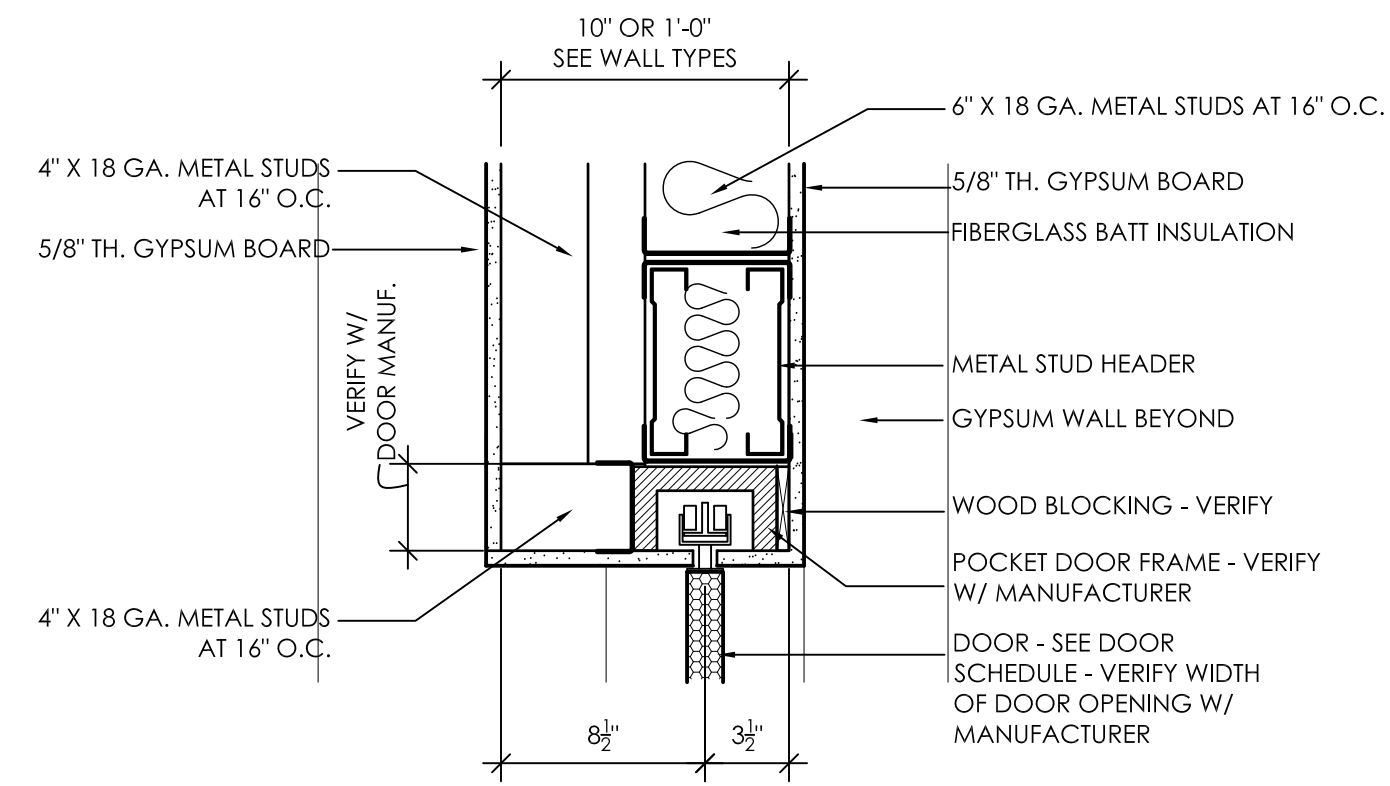
4 HEAD DETAIL  
A5.7A 1 1/2" = 1'-0"

1 NOT USED  
A5.7A 1 1/2" = 1'-0"

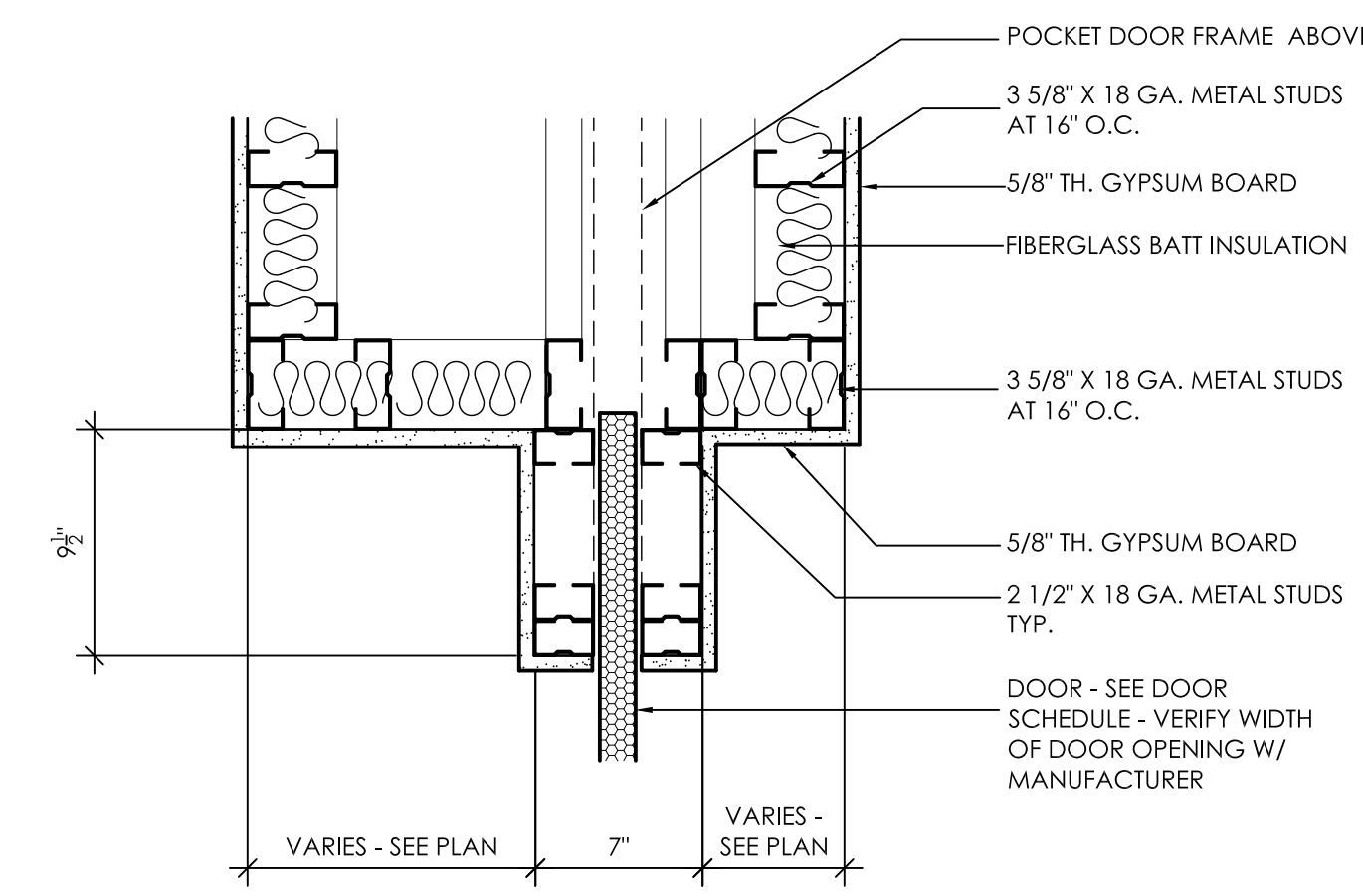
3 NOT USED  
A5.7A 1 1/2" = 1'-0"



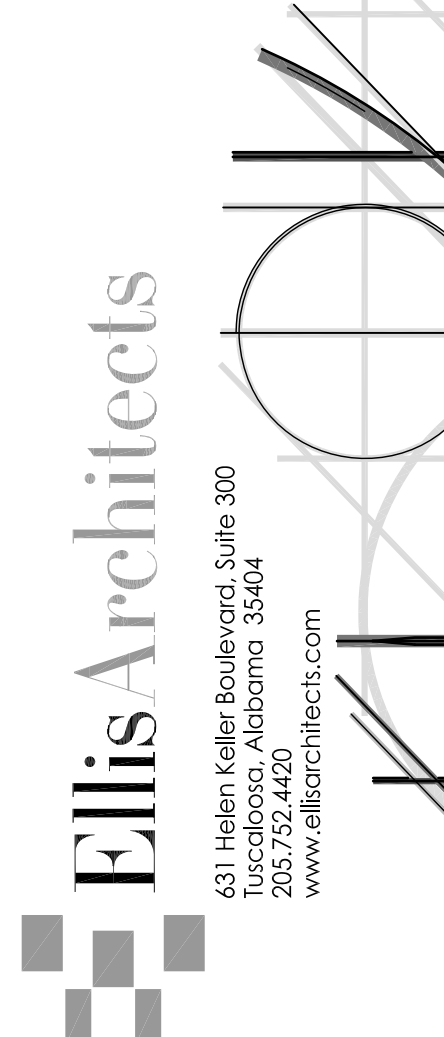
5 JAMB DETAIL  
A5.7A 1 1/2" = 1'-0"



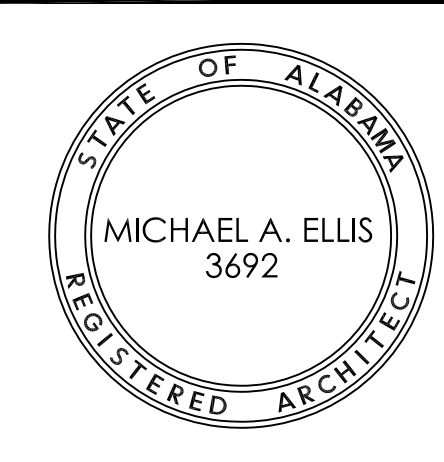
6 HEAD DETAIL  
A5.7A 1 1/2" = 1'-0"



7 JAMB DETAIL  
A5.7A 1 1/2" = 1'-0"



New Sorority House For  
BETA PSI CHAPTER OF  
**DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



GENERAL NOTES	
1.	ALL WOOD TRIM SHALL BE PAINT GRADE HARDWOOD
2.	COORDINATE ANY AND ALL EMBEDDED ANCHORS IN CAST STONE W/ CAST STONE SUPPLIER
3.	ALL FOOTINGS AND GRADE BEAMS ARE DIAGRAMMATICAL. REFER TO STRUCTURAL DRAWINGS FOR FOOTING AND GRADE BEAM DESIGN.
4.	ALL METAL STUD SIZES ARE MINIMUMS AND ALL SPACINGS ARE MAXIMUMS. VERIFY WITH STRUCTURAL DWGS. AND COLD ROLLED METAL FRAMING CONTRACTOR.
5.	ALL EXTERIOR STEEL (LINTELS, EDGE ANGLES, ETC.) SHALL BE HOT-DIPPED GALVANIZED AND PAINTED.
6.	SEAL ALL JOINTS IN CAST STONE WALL CAPS W/ OVERSIZE BACKER ROD AND NEUTRAL CORE SILICONE. THIS INCLUDES SETTING JOINTS AND PERIMETER JOINTS.
7.	SEAL ALL PENETRATIONS WITH NEUTRAL CORE SEALANT.
8.	PROVIDE AND INSTALL MORTAR SCREENING AT ALL THRU-WALL FLASHING LOCATIONS.
9.	PROVIDE AND INSTALL MEMBRANE FLASHING AT ANY INSTANCE WHERE CAST STONE ABUTS BRICK VENEER.
10.	HOLD THRU-WALL FLASHING 1/2" FROM FACE OF FINISH SURFACE.
	COMPLY WITH UA STANDARD FLASHING DETAILS. SEE SPECS.

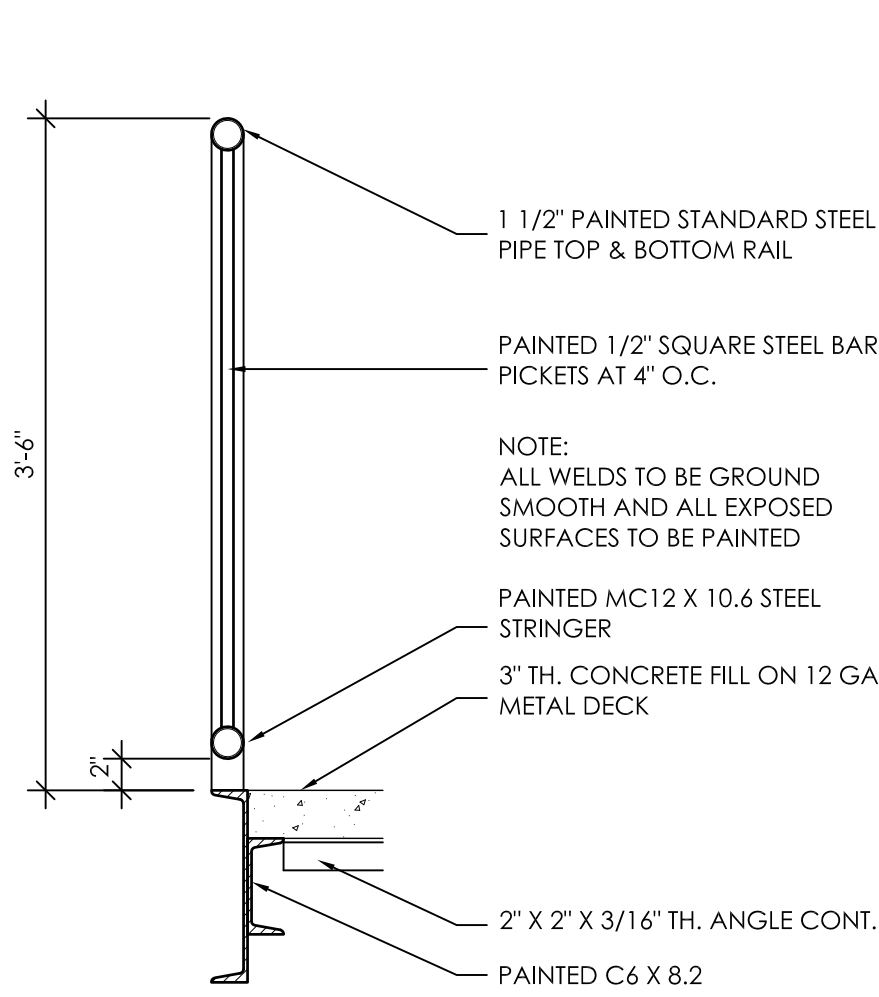
Copyright © 2011  
Ellis Architects, Inc.

Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

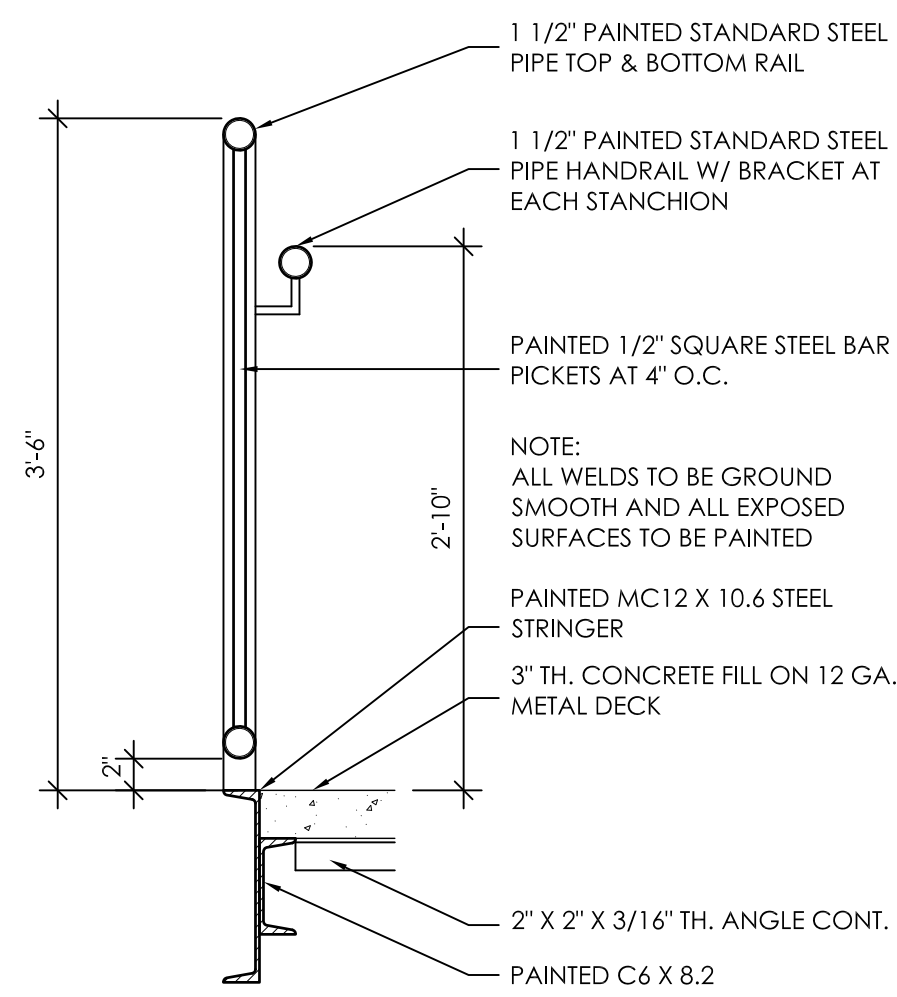
Do Not Scale From Drawings.

Contractor must verify all dimensions prior to construction.

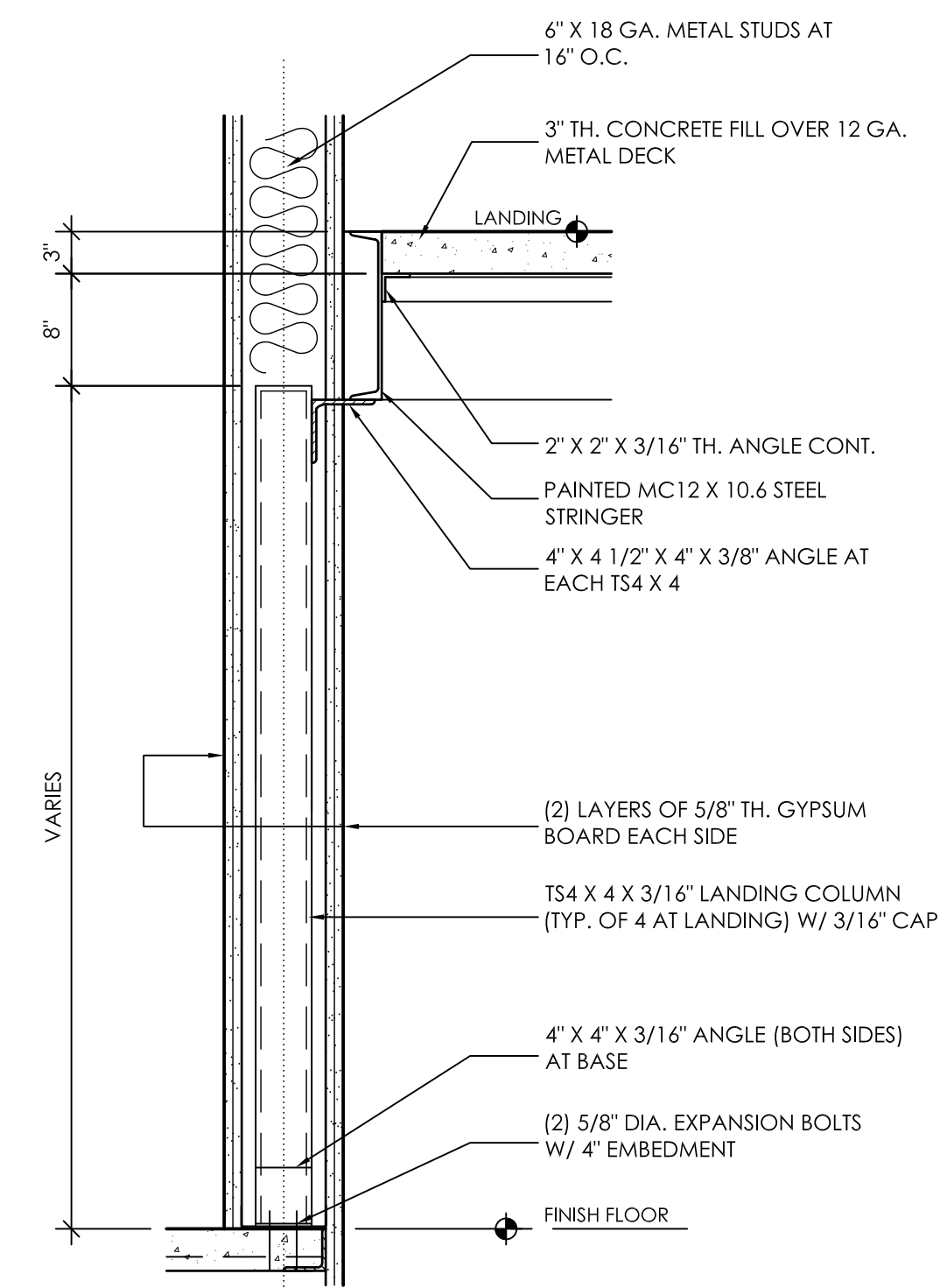
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Jim
<b>HEAD, JAMB &amp; SILLS</b>	
SHEET NUMBER	A5.7A



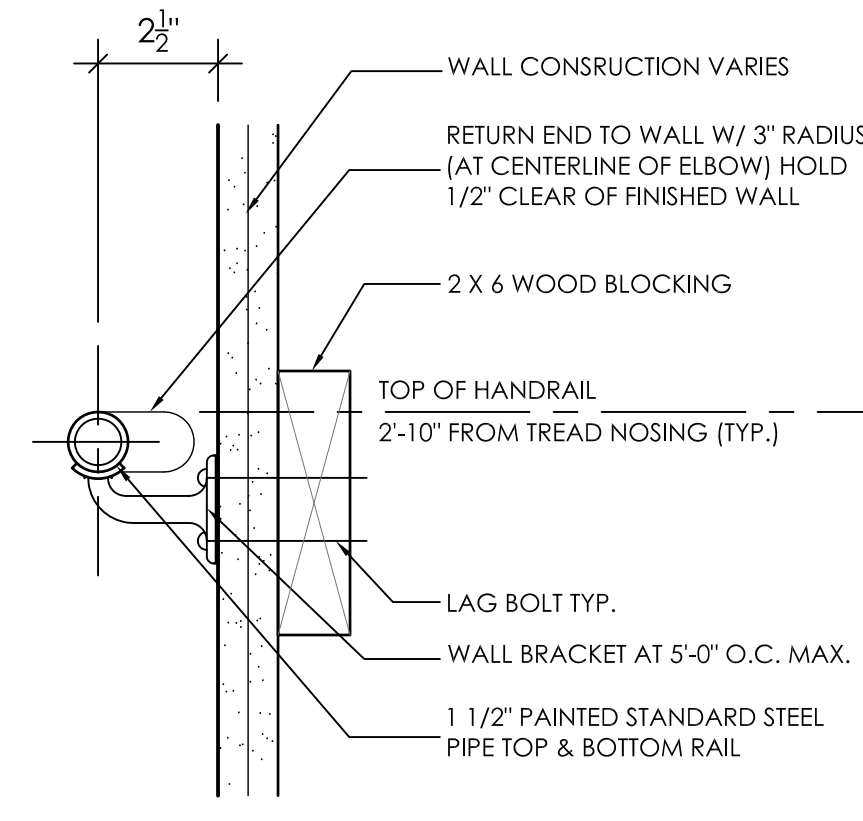
**1**  
A5.8 RAILING DETAIL  
1" = 1'-0"



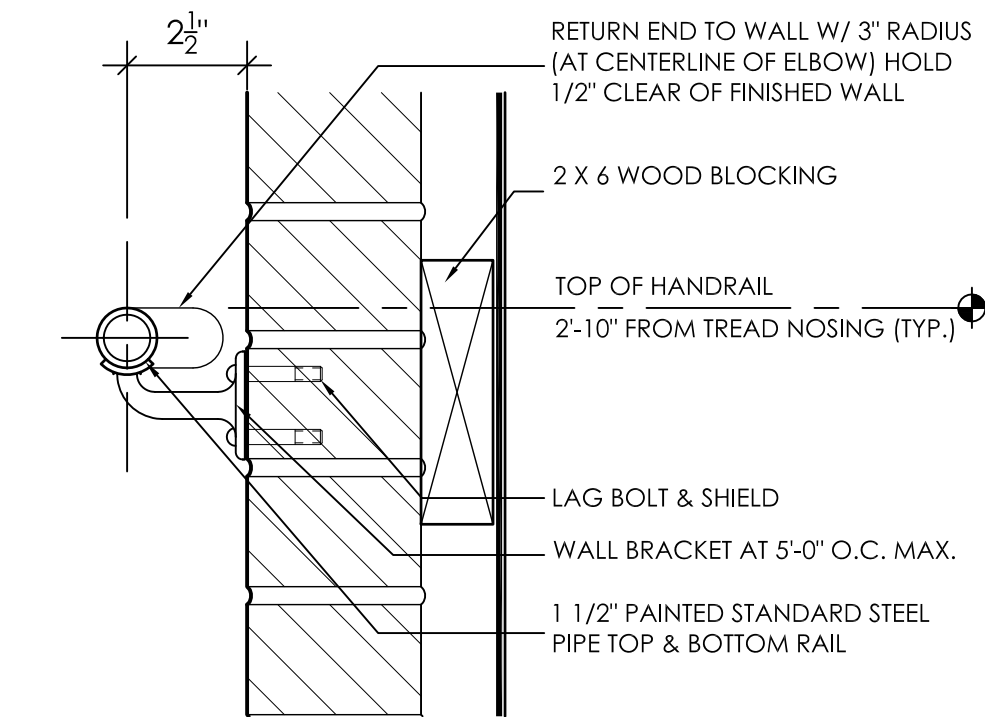
**2**  
A5.8 RAILING DETAIL  
1" = 1'-0"



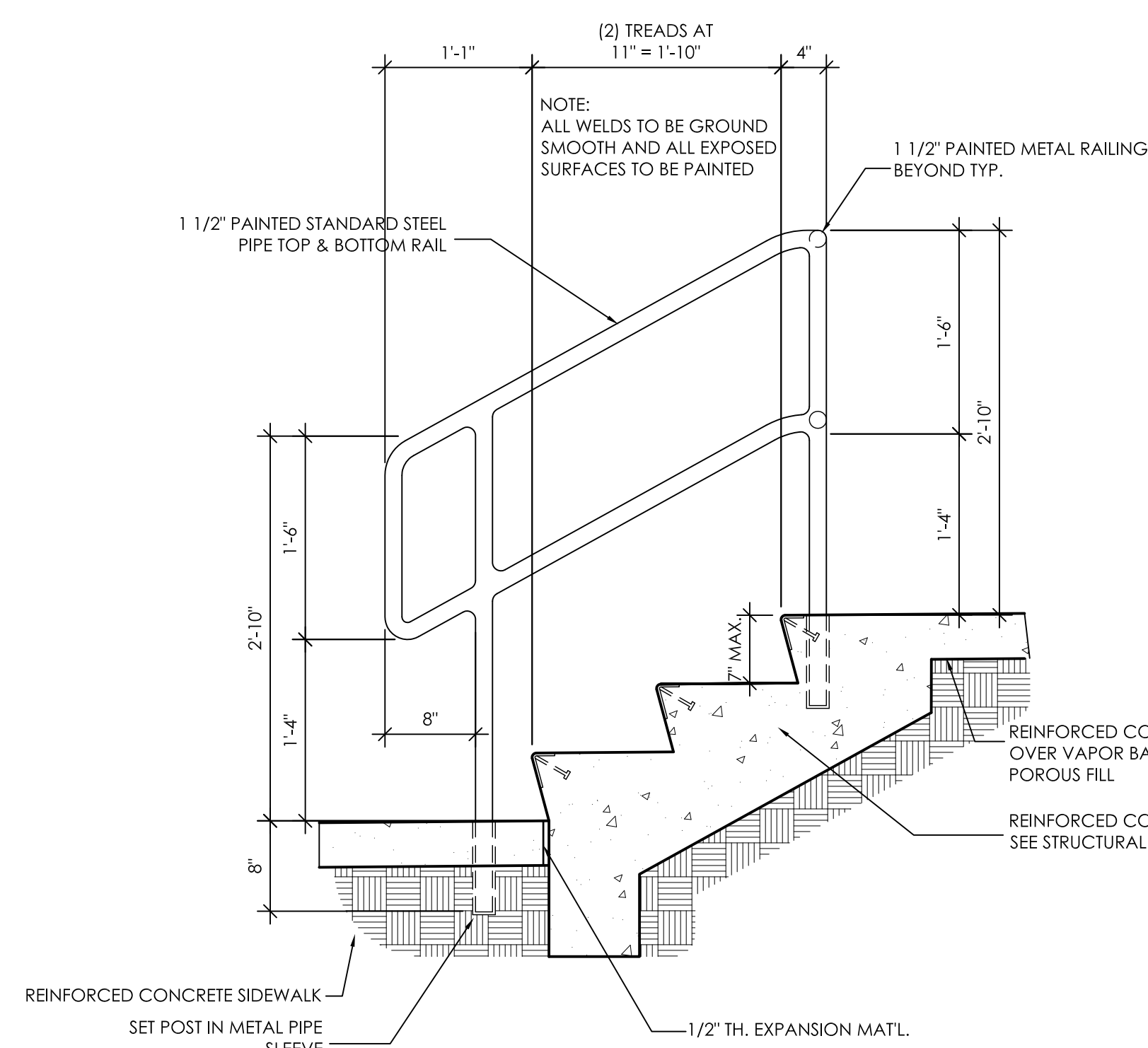
**3**  
A5.8 STAIR DETAIL  
1" = 1'-0"



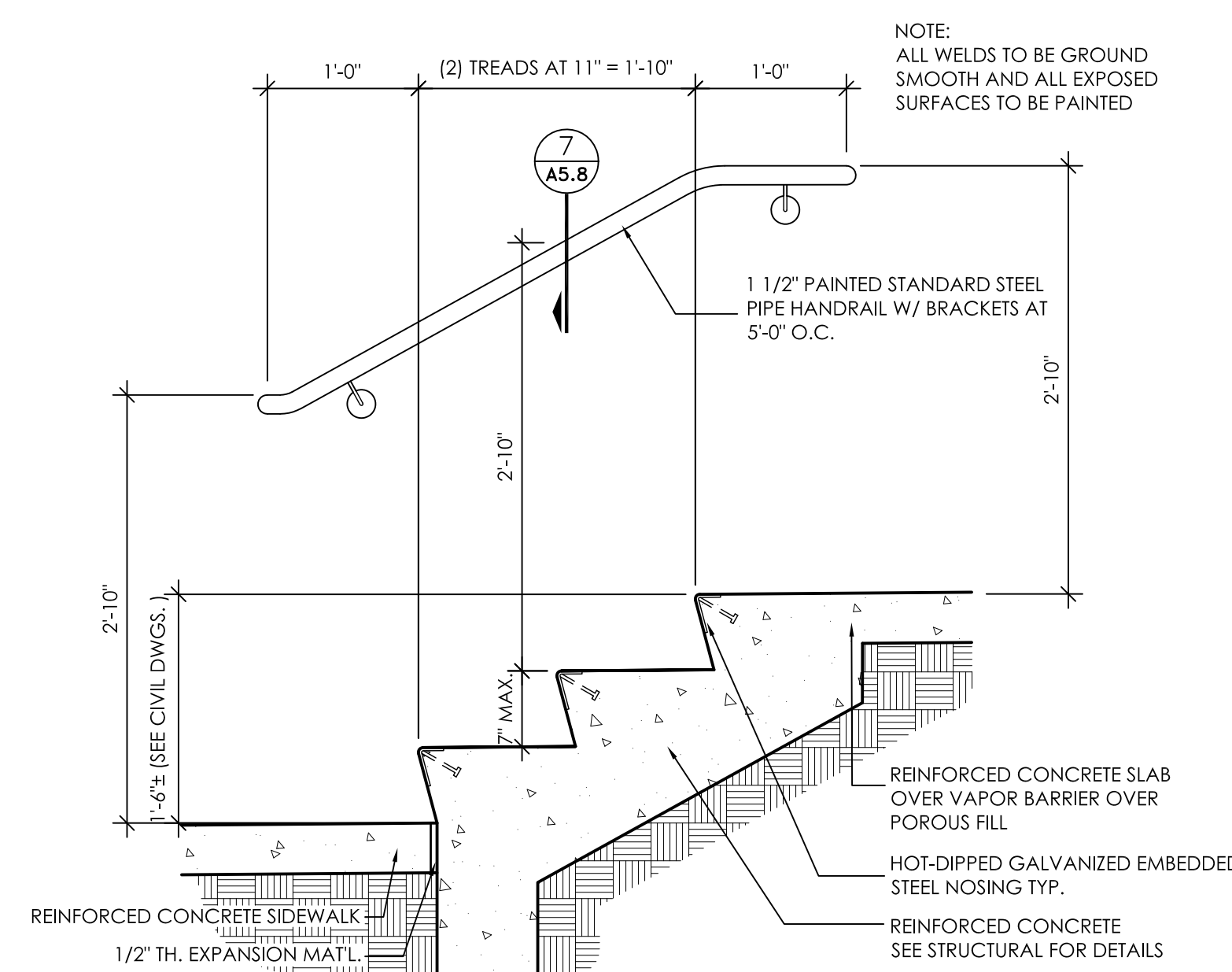
**4**  
A5.8 RAILING DETAIL  
3" = 1'-0"



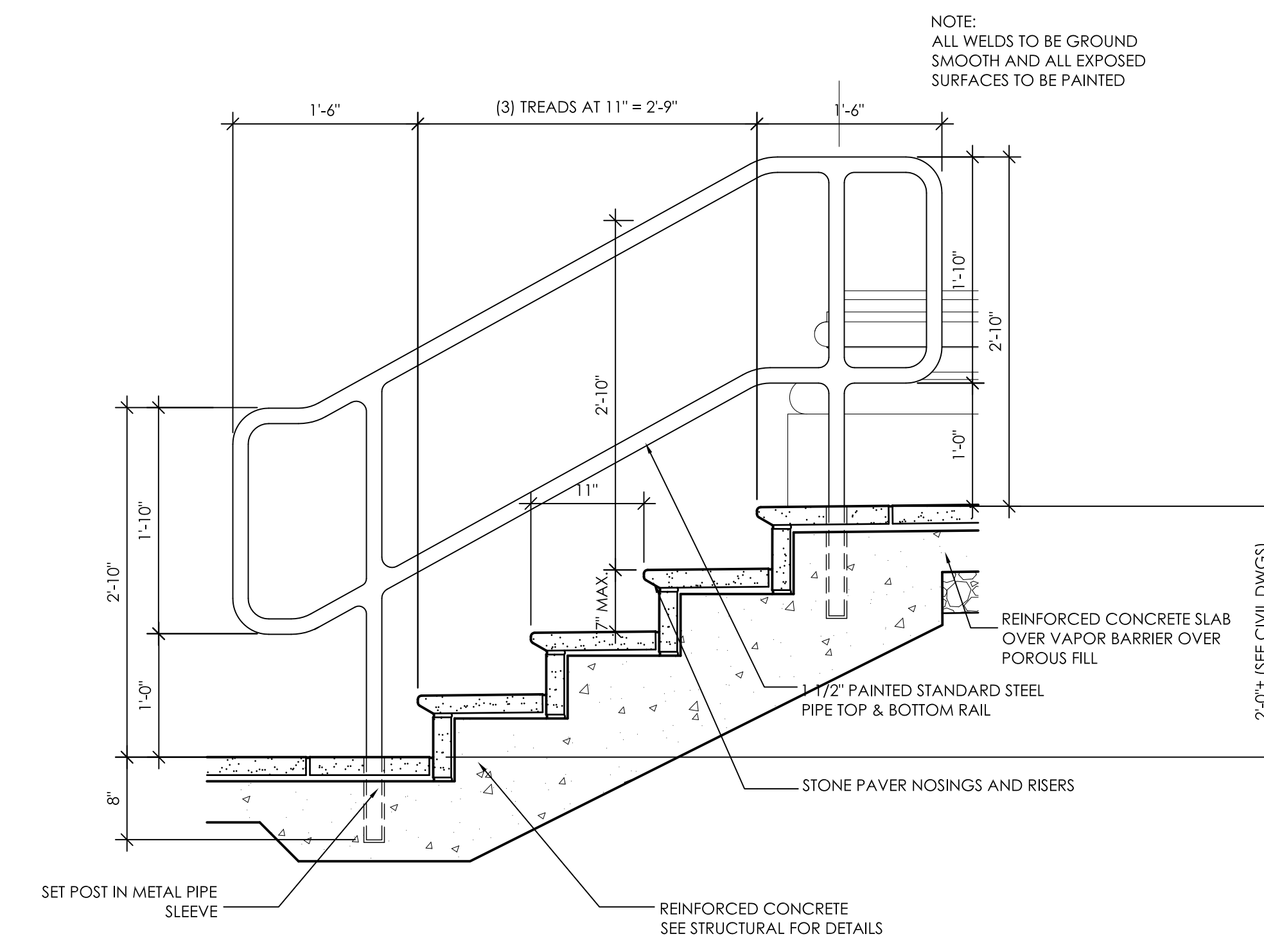
**5**  
A5.8 RAILING DETAIL  
3" = 1'-0"



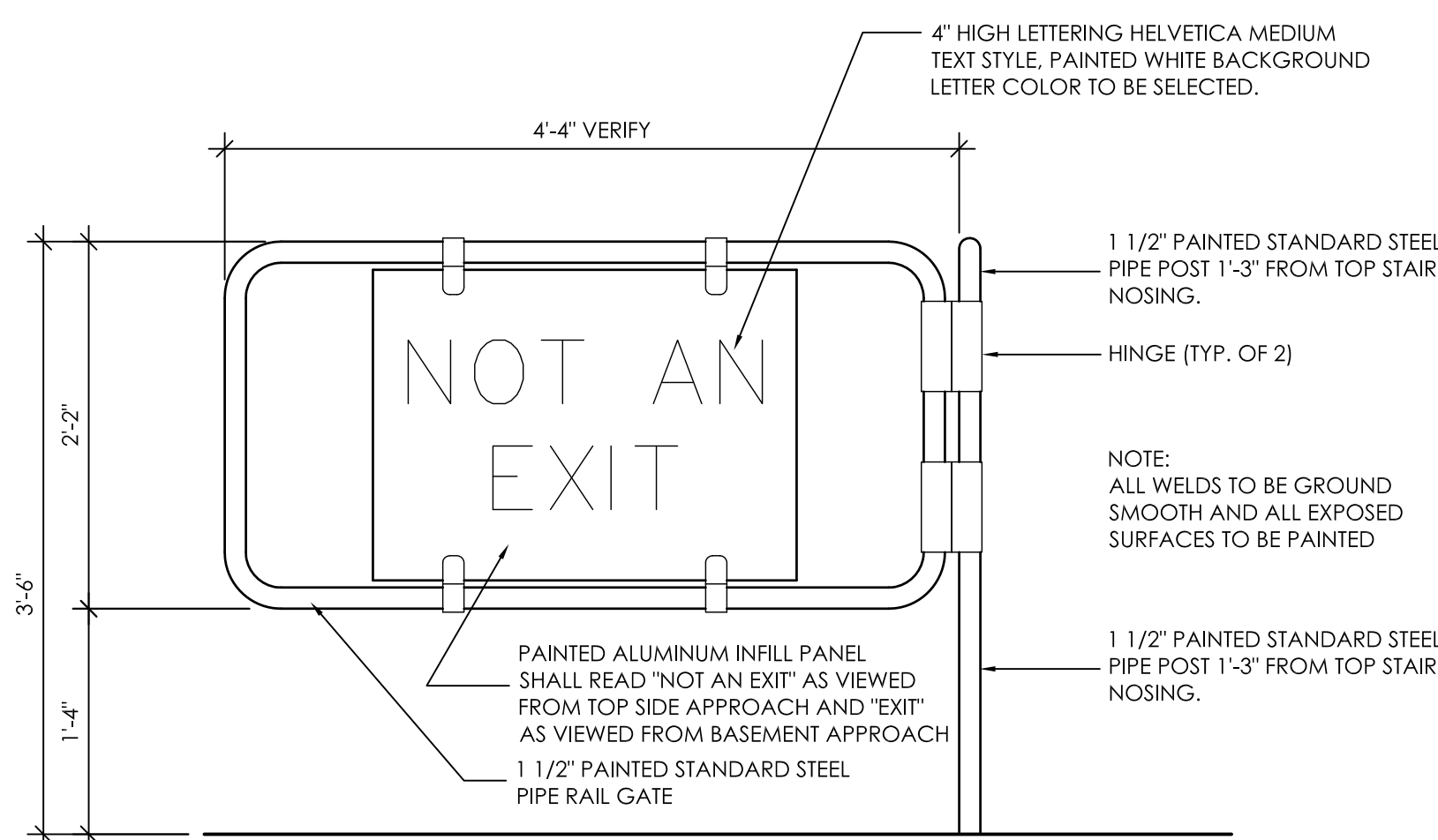
**8**  
A5.8 STAIR SECTION  
1" = 1'-0"



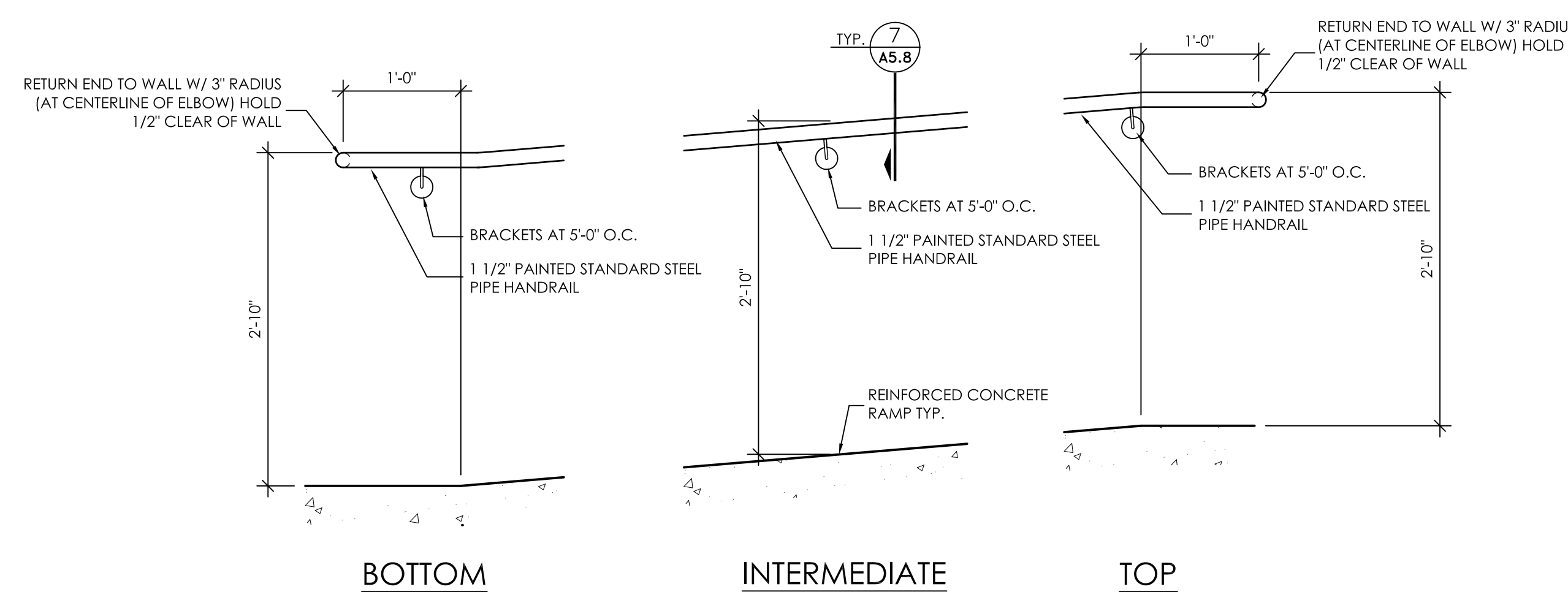
**7**  
A5.8 STAIR SECTION  
1" = 1'-0"



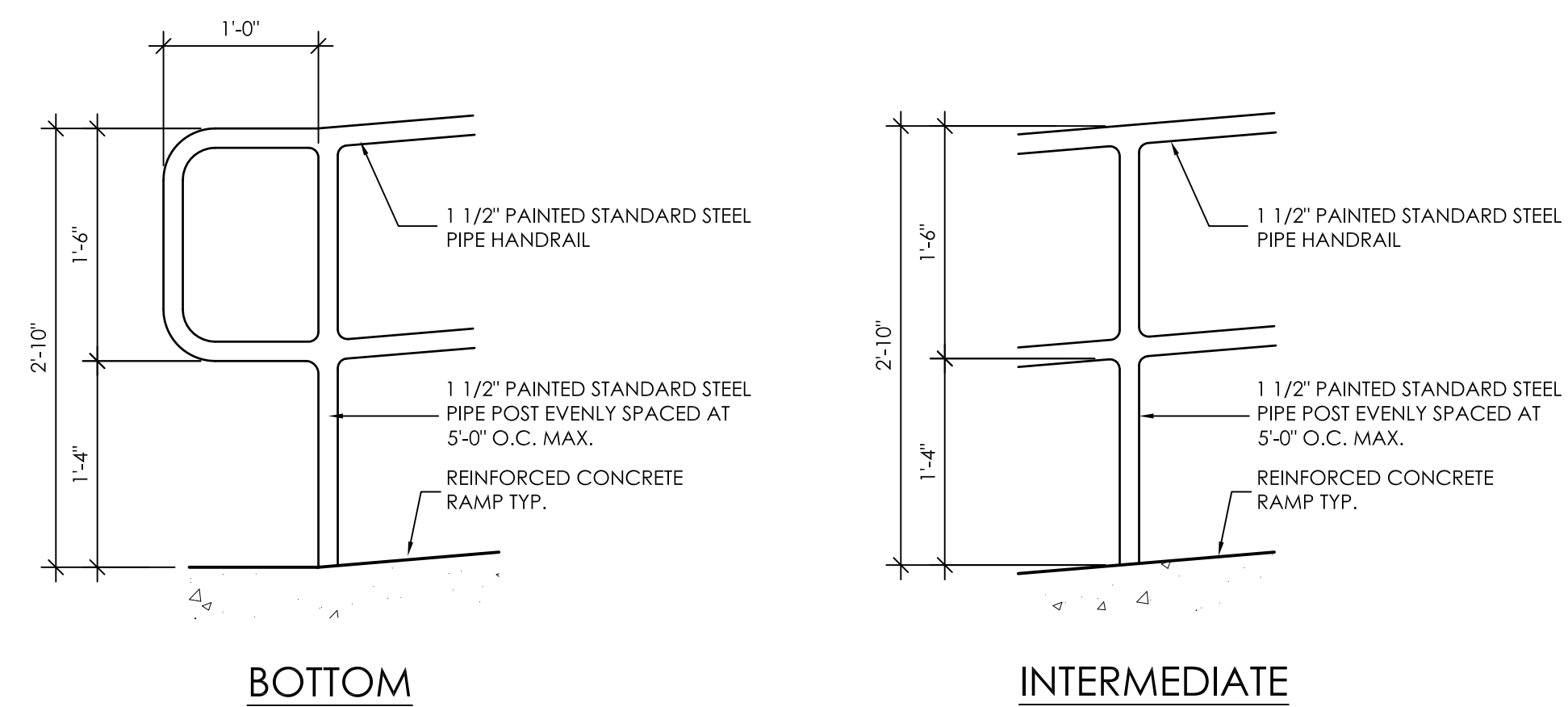
**6**  
A5.8 STAIR SECTION AT TYPICAL RAILING TYPE #2  
1" = 1'-0"



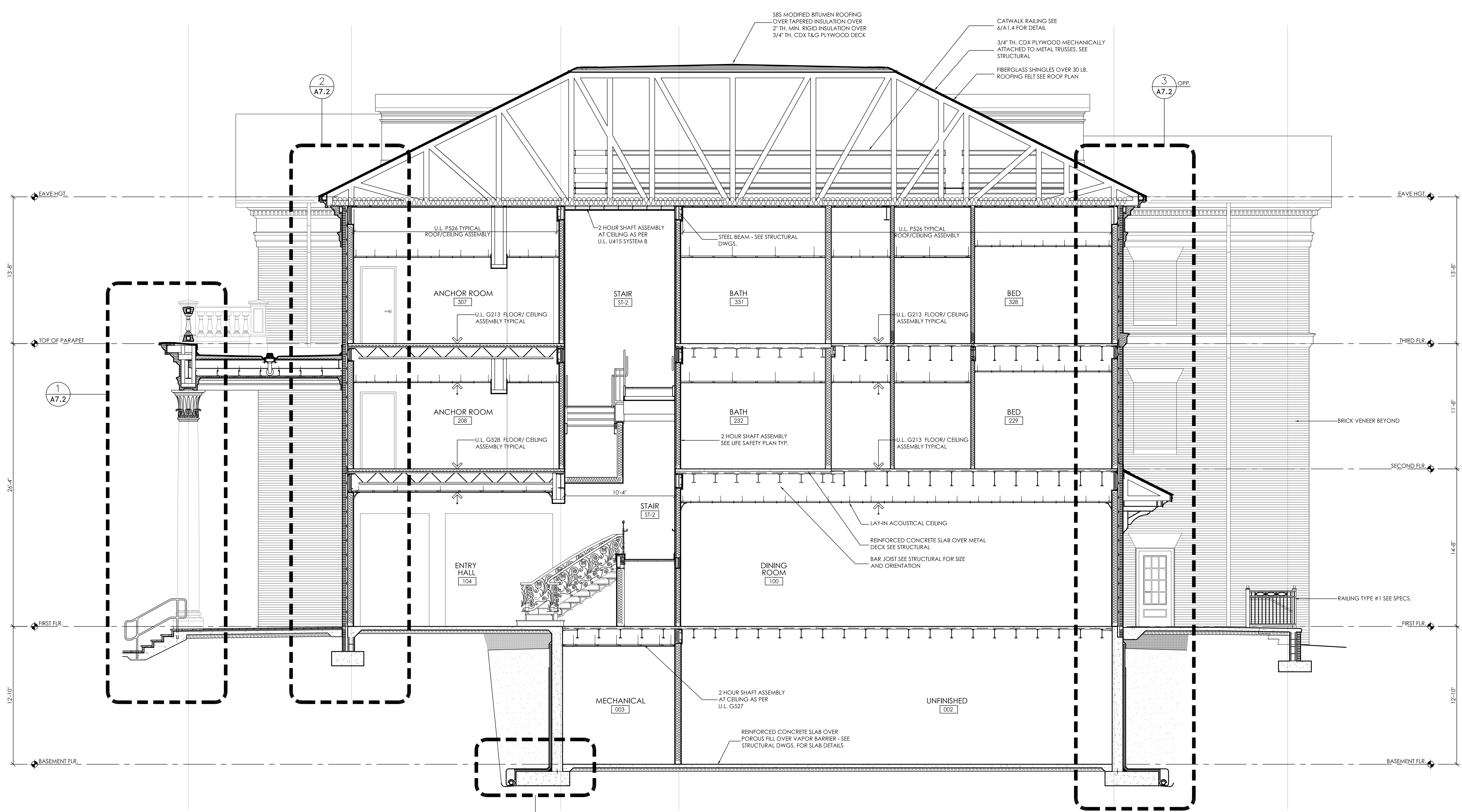
**11**  
A5.8 GATE ELEVATION  
1" = 1'-0"



**10**  
A5.8 RAILING TYPE #4 TYPICAL DETAIL  
1" = 1'-0"



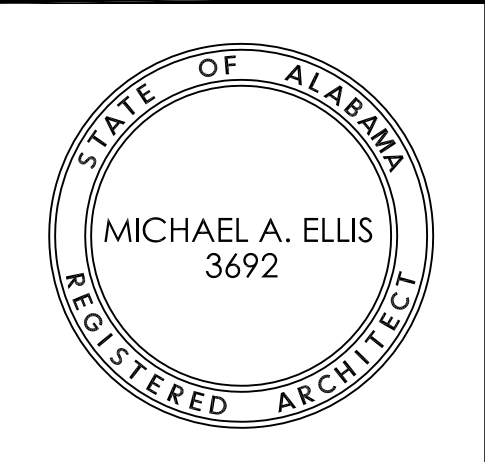
**9**  
A5.8 RAILING TYPE #3 TYPICAL DETAIL  
1" = 1'-0"



IMPORTANT NOTE: SEE PLANS, INTERIOR ELEVATIONS, AND FINISH PLANS FOR ELEMENTS BEYOND NOT SHOWN FOR CLARITY.

**1**  
A6.1 **BUILDING SECTION**  
1/4" = 1'-0"

- GENERAL NOTES**
- ALL WOOD TRIM SHALL BE PAINT GRADE HARDWOOD
  - COORDINATE ANY AND ALL EMBEDDED ANCHORS IN CAST STONE W/ CAST STONE SUPPLIER
  - ALL FOOTINGS AND GRADE BEAMS ARE DIAGRAMMATICAL, REFER TO STRUCTURAL DRAWINGS FOR FOOTING AND GRADE BEAM DESIGN.
  - ALL METAL STUD SIZES ARE MINIMUMS AND ALL SPACINGS ARE MAXIMUMS. VERIFY WITH STRUCTURAL DWGS. AND COLD ROLLED METAL FRAMING CONTRACTOR.
  - ALL EXTERIOR STEEL (LINTELS, EDGE ANGLES, ETC.) SHALL BE HOT-DIPPED GALVANIZED AND PAINTED.
  - SEAL ALL JOINTS IN CAST STONE WALL CAPS W/ OVERSIZE BACKER ROD AND NEUTRAL CORE SILICONE. THIS INCLUDES SETTING JOINTS AND PERIMETER JOINTS.
  - SEAL ALL PENETRATIONS WITH NEUTRAL CORE SEALANT.
  - PROVIDE AND INSTALL MORTAR SCREENING AT ALL THRU-WALL FLASHING LOCATIONS.
  - PROVIDE AND INSTALL MEMBRANE FLASHING AT ANY INSTANCE WHERE CAST STONE ABUTS BRICK VENEER.
  - HOLD THRU-WALL FLASHING 1/2" FROM FACE OF FINISH SURFACE.
  - COMPLY WITH UA STANDARD FLASHING DETAILS. SEE SPECS.



Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

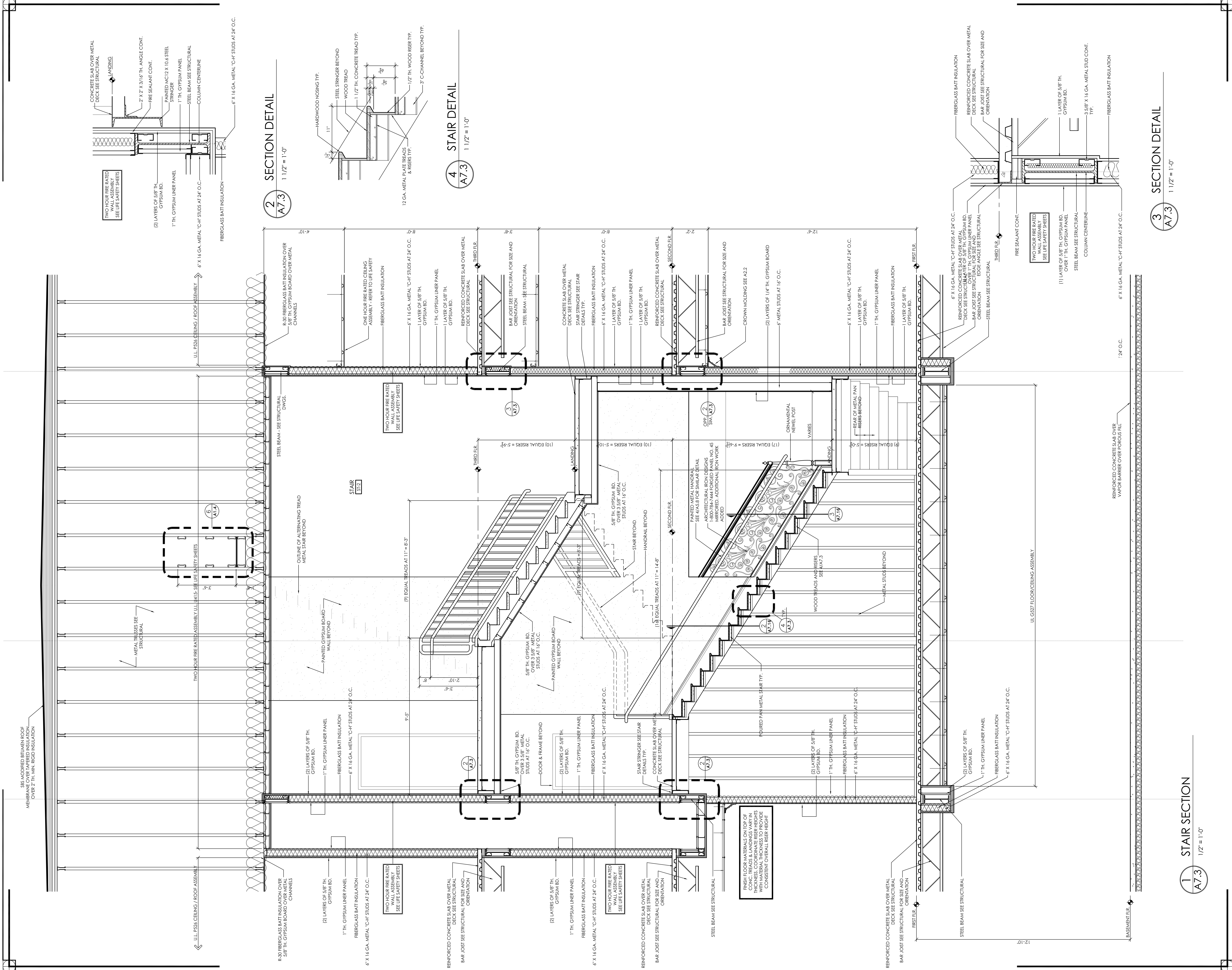
JOB No.	11006
DATE:	7-12-11
REV DATE:	
DRAWN BY:	Jim
<b>BUILDING SECTION</b>	
SHEET NUMBER	A6.1











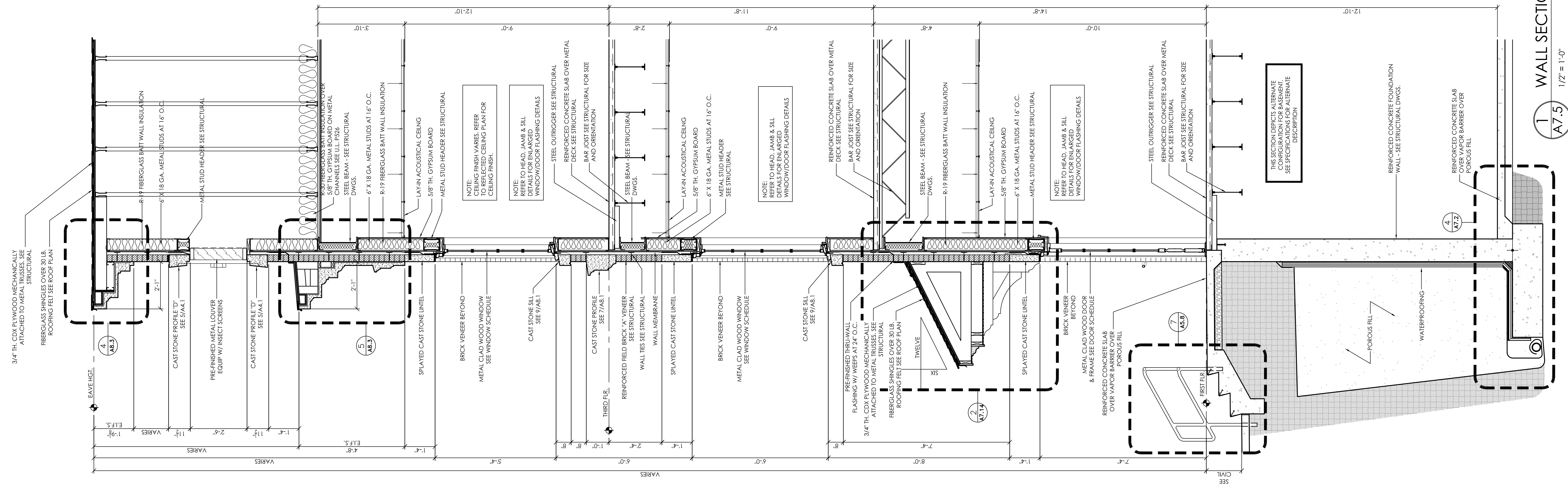
**2** SECTION DETAIL  
A7.3 1 1/2" = 1'-0"

**4** STAIR DETAIL  
A7.3 1 1/2" = 1'-0"

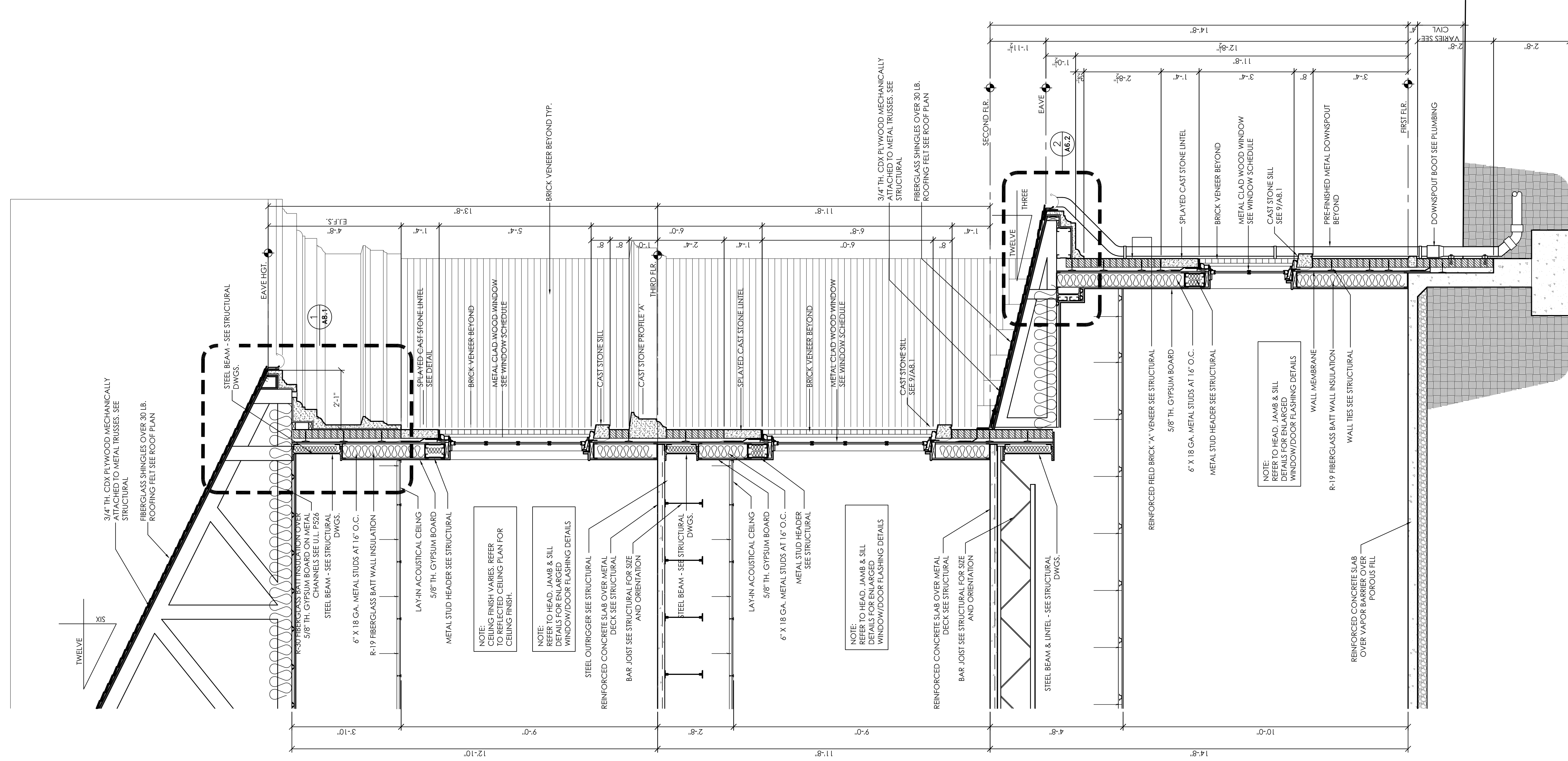
**3** SECTION DETAIL  
A7.3 1 1/2" = 1'-0"

**1** STAIR SECTION  
A7.3 1/2" = 1'-0"





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

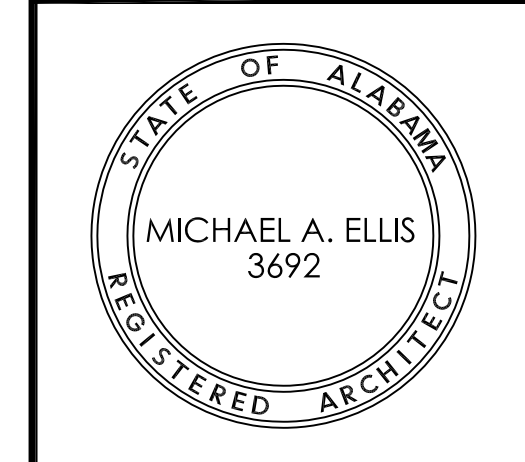


2 WALL SECTION  
1/2" = 1'-0"

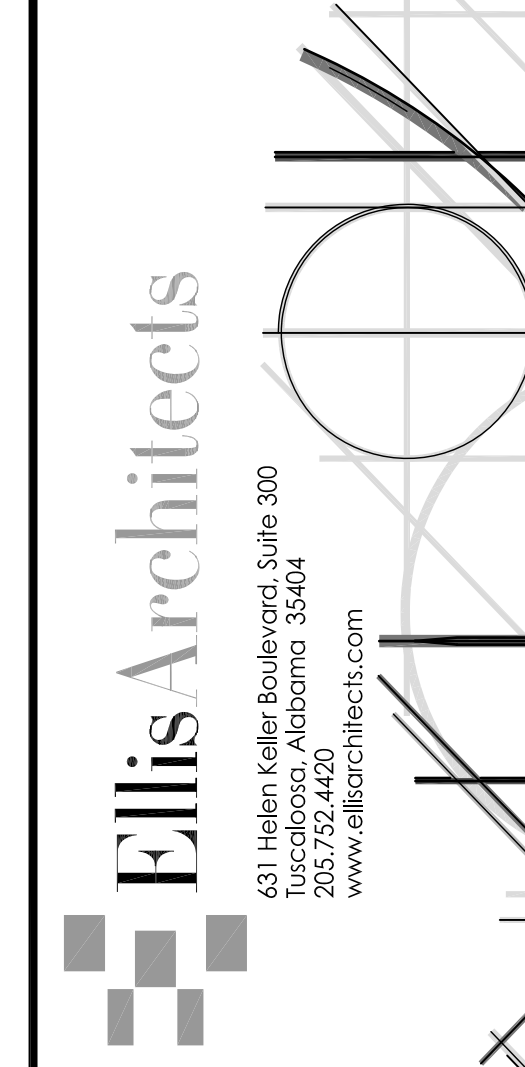
- GENERAL NOTES**
1. ALL WOOD TRIM SHALL BE PAINT GRADE HARDWOOD
  2. COORDINATE ANY AND ALL EMBEDDED ANCHORS IN CAST STONE W/ CAST STONE SUPPLIER
  3. ALL FOOTINGS AND GRADE BEAMS ARE DIAGRAMMATICAL REFER TO STRUCTURAL DRAWINGS FOR FOOTING AND GRADE BEAM MINIMUMS. VERIFY WITH STRUCTURAL DWGS. AND COLD ROLLED METAL FRAMING CONTRACTOR.
  4. ALL EXTERIOR STEEL UNITS, EDGE ANGLES, ETC., SHALL BE OVER GALVANNEED STEEL UNITS.
  5. SEAL ALL JOINTS IN CAST STONE WALLS W/ OVERLAP BACKER ROD AND NEUTRAL CORE SILICONE. THIS INCLUDES SETTING JOINTS AND PERIMETER JOINTS.
  6. SEAL ALL PENETRATIONS WITH NEUTRAL CORE SEALANT.
  7. PROVIDE AND INSTALL MOISTURE SCREENING AT ALL THRU-WALL FLASHING LOCATIONS.
  8. PROVIDE AND INSTALL MEMBRANE FLASHING AT ANY INSTANCE THROUGH ROOFING, BRICK, CONCRETE, ETC.
  9. HOLD THROUGH FLASHING 1/2" FROM FACE OF FINISH SURFACE.
  10. COMPLY WITH I.A. STANDARD FLASHING DETAILS. SEE SPECS.

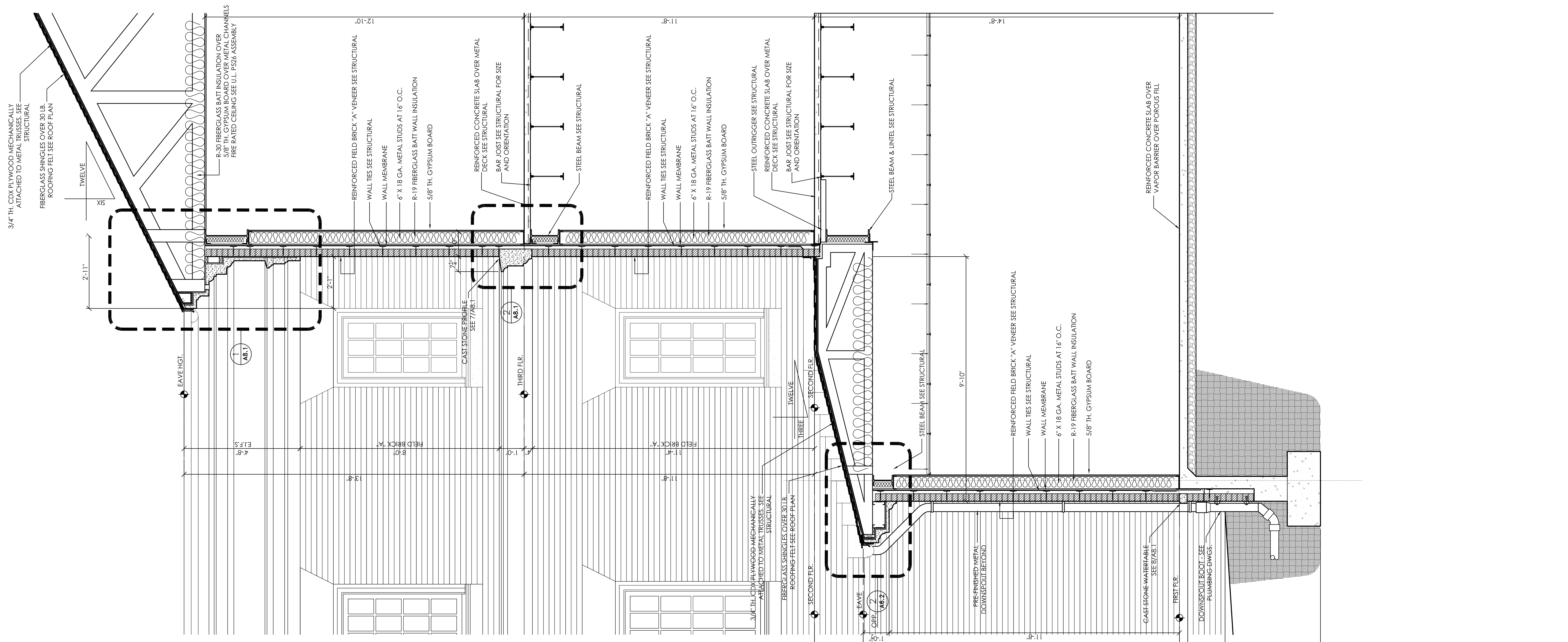
JOB No.	11006
DATE:	7-12-11
REV DATE:	
DRAWN BY:	Jim
Wall Sections	
SHEET NUMBER	A7.5

Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

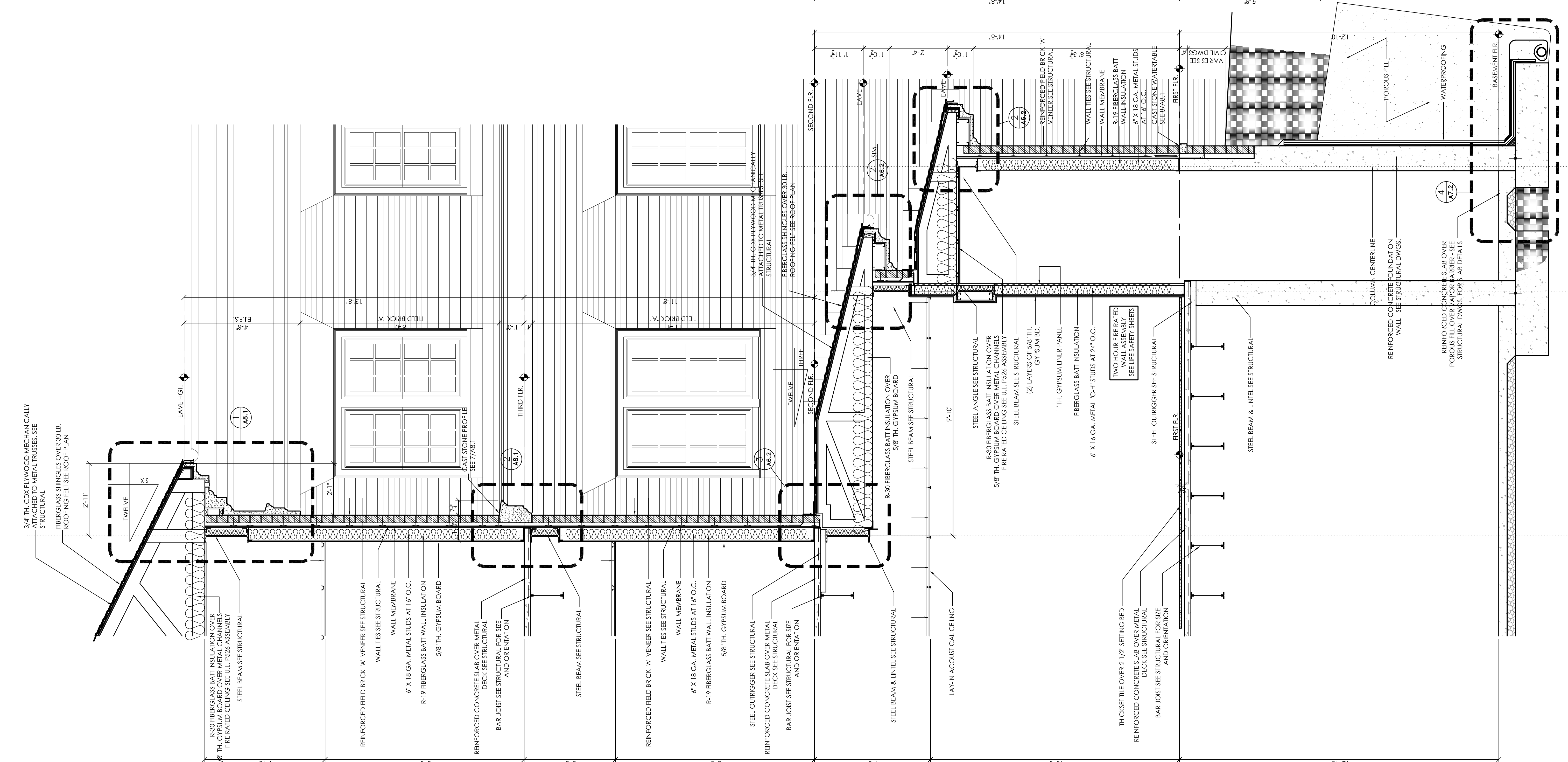


New Sorority House For  
**BETA PSI CHAPTER OF DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama





1 WALL SECTION  
A7.6 1/2" = 1'-0"



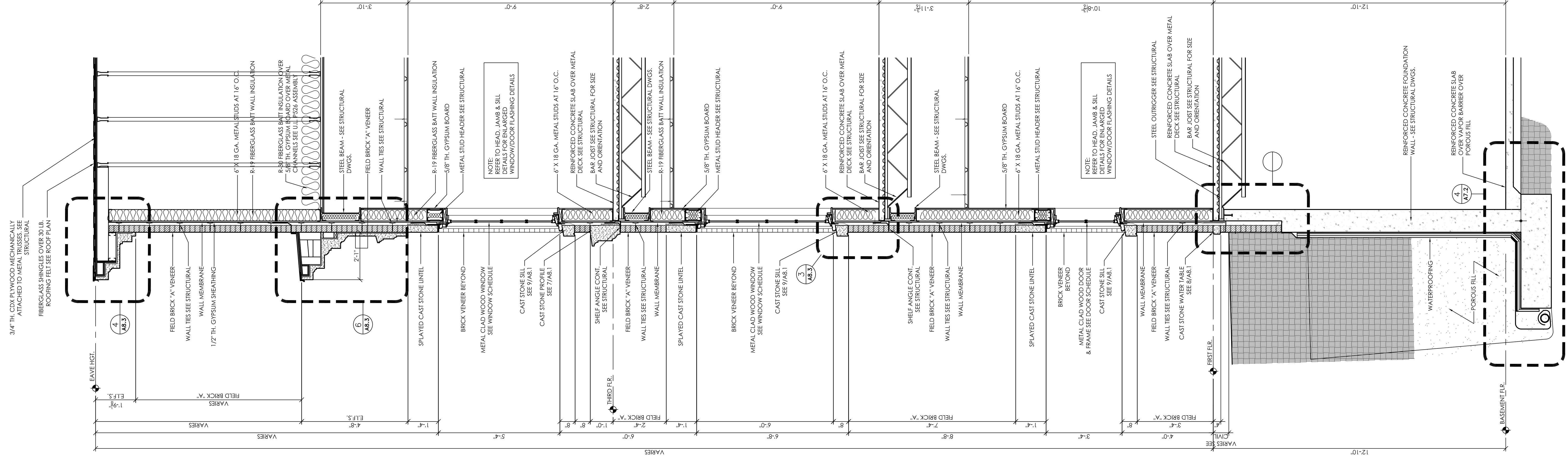
2 WALL SECTION  
A7.6 1/2" = 1'-0"



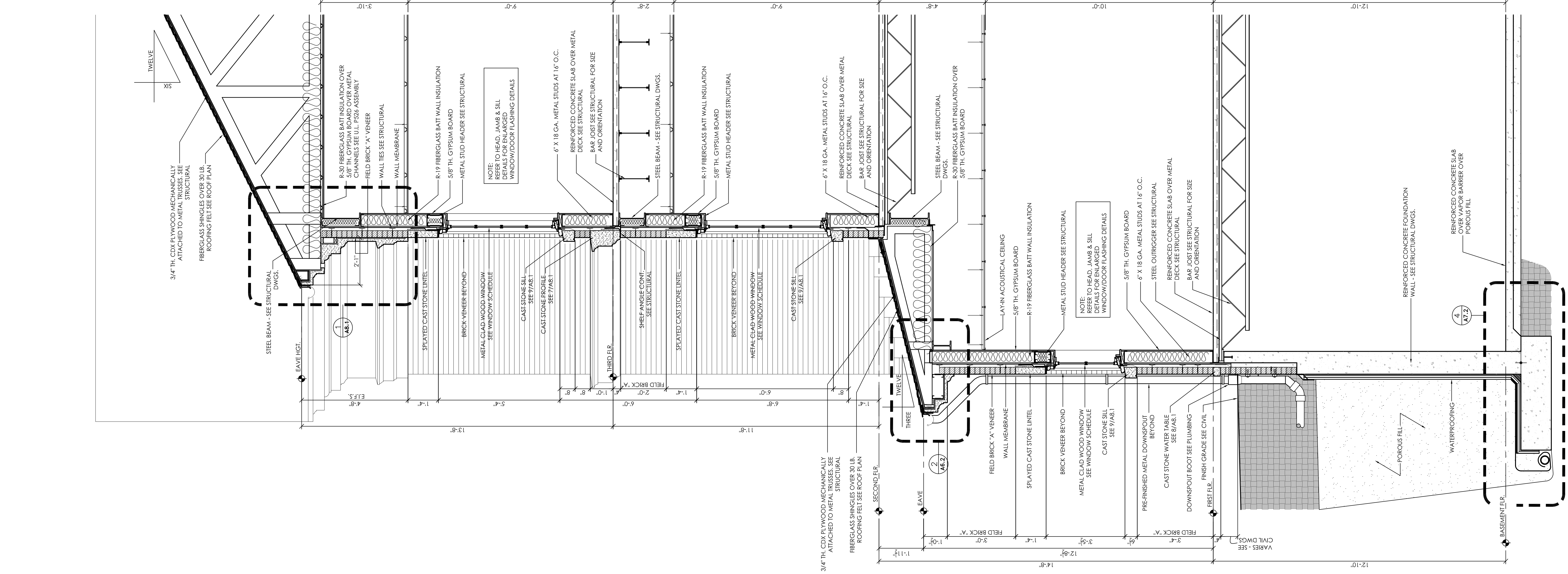




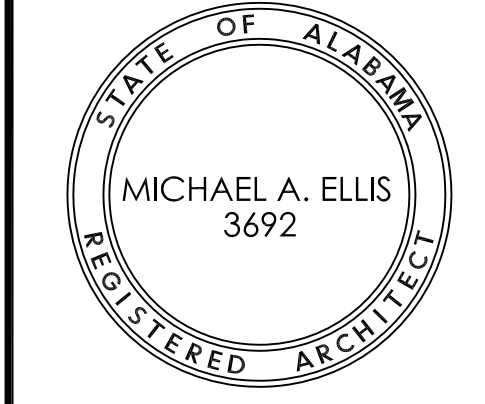




1 WALL SECTION  
A7.10 1/2" = 1'-0"



2 WALL SECTION  
A7.10 1/2" = 1'-0"



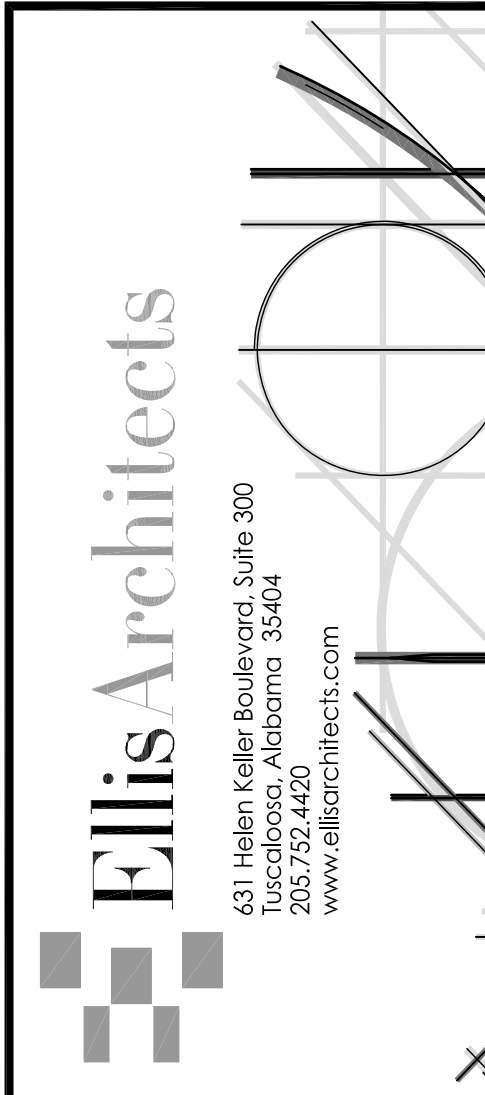
Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

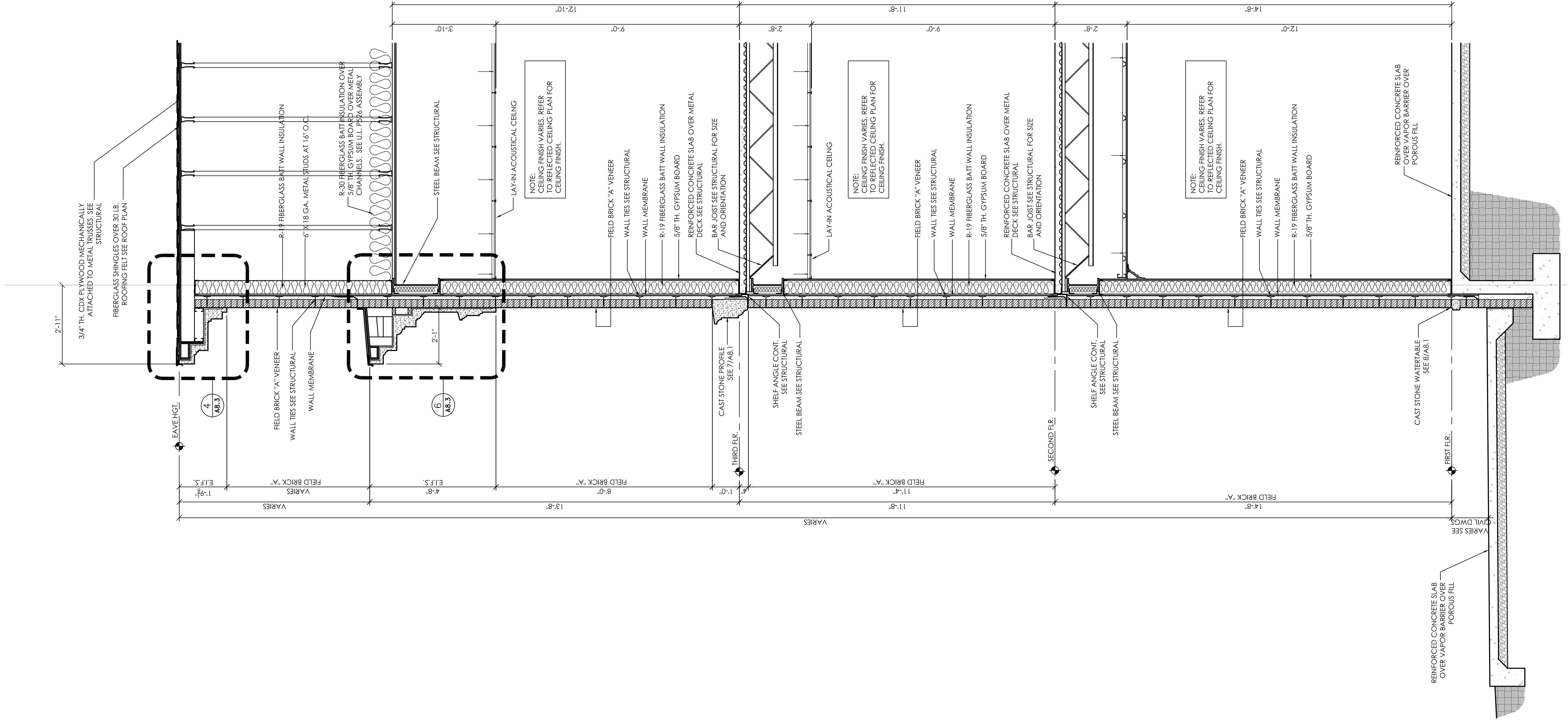
JOB No.	11006
DATE:	7-12-11
REV DATE:	
DRAWN BY:	Jim

Wall Sections  
SHEET NUMBER A7.10

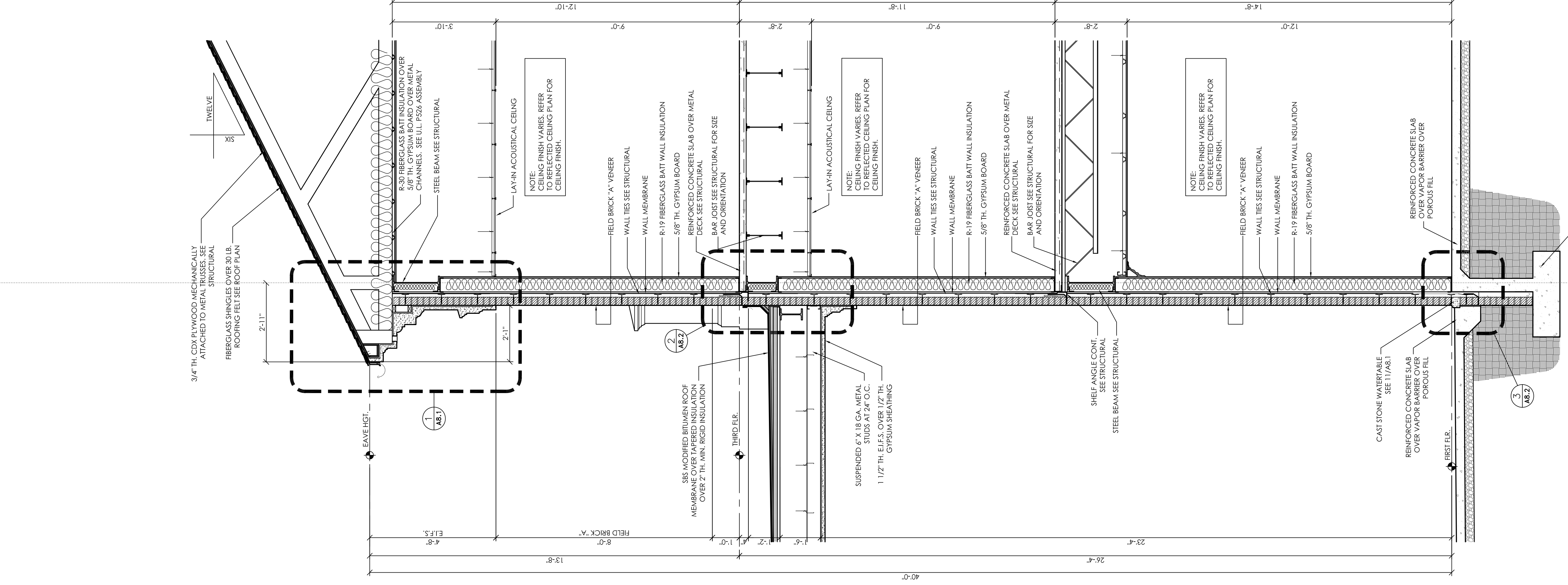
New Sorority House For  
BETA PSI CHAPTER OF  
**DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



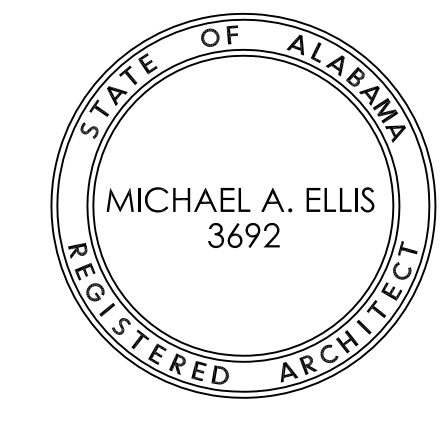




1 WALL SECTION  
A7.12 1/2" = 1'-0"



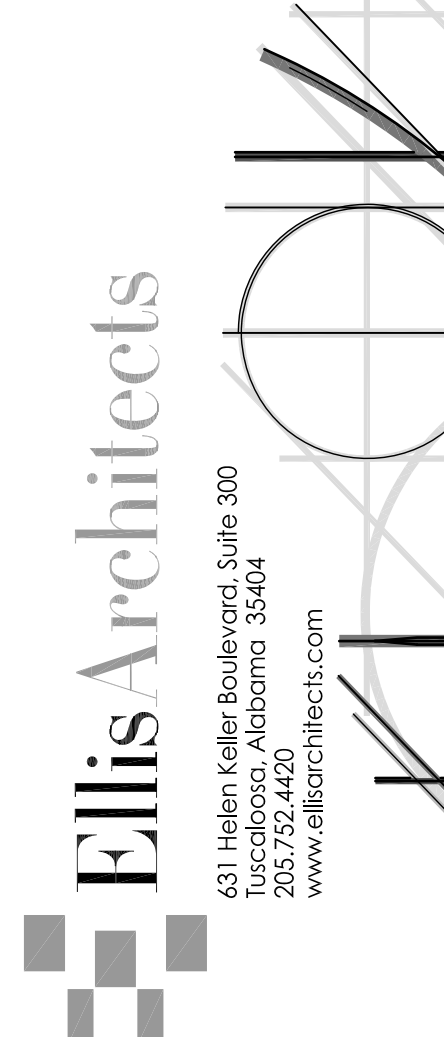
2 WALL SECTION  
A7.12 1/2" = 1'-0"

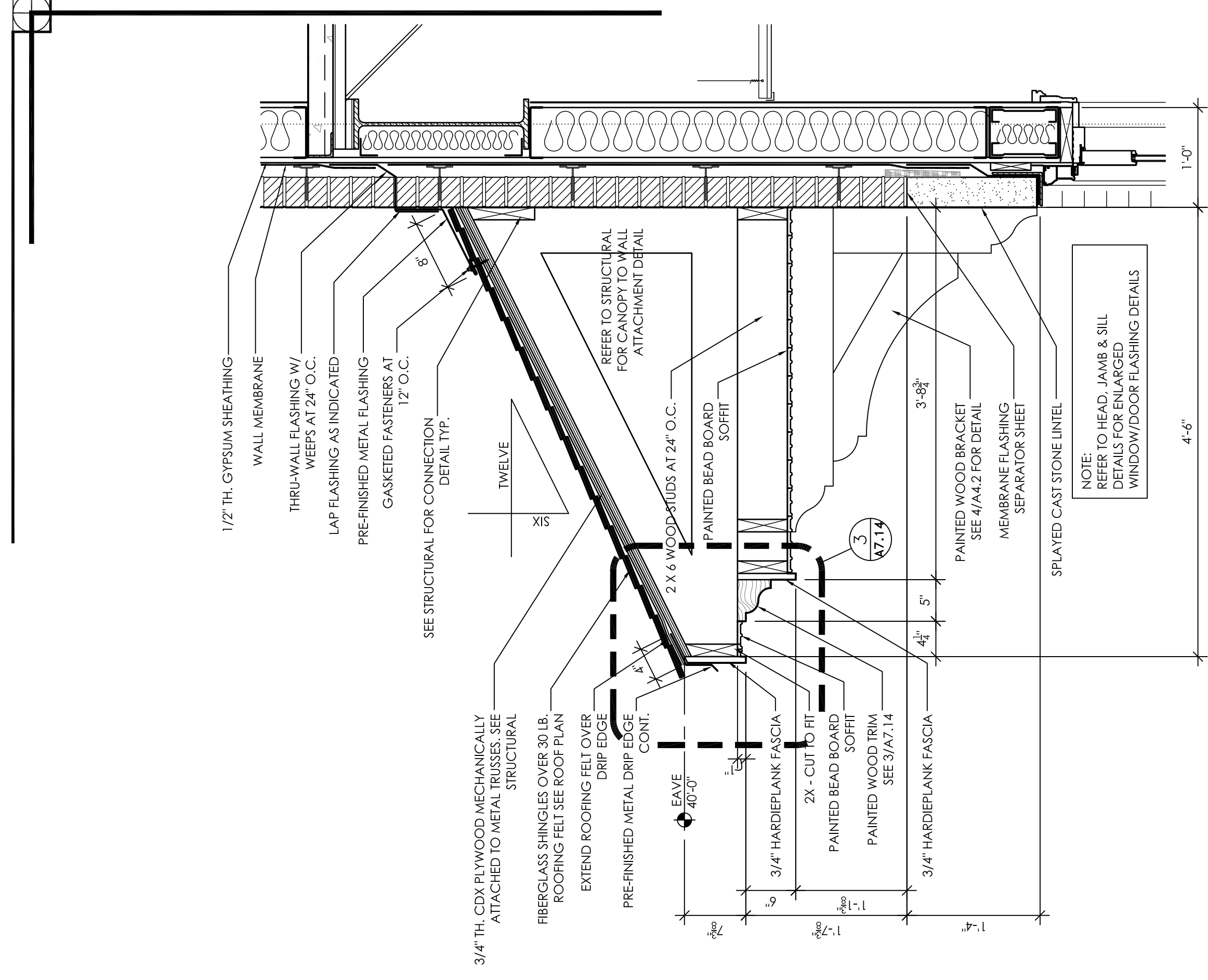


Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

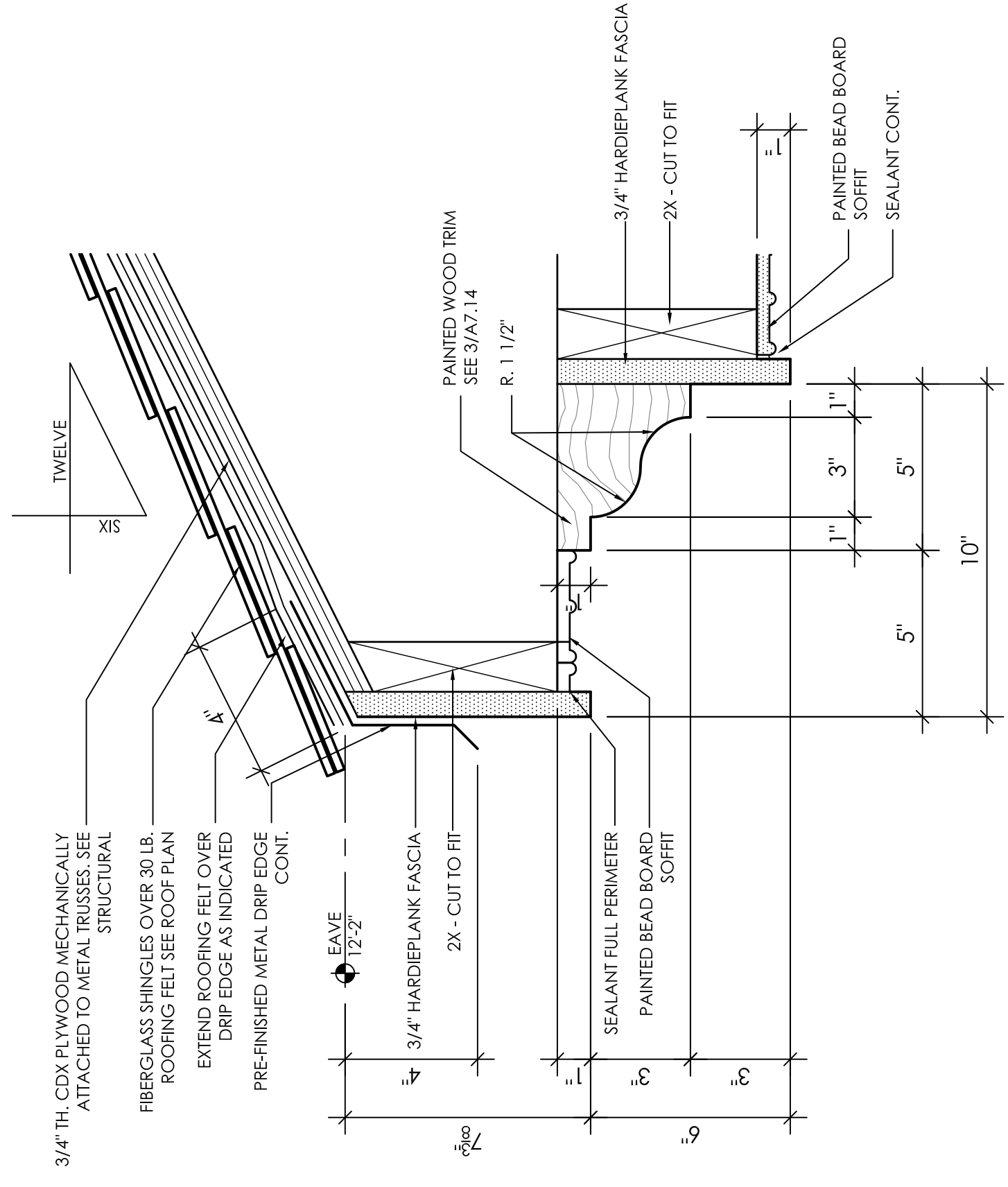
JOB No.	11006
DATE:	7-12-11
REV DATE:	
DRAWN BY:	Jim
Wall Sections	
SHEET NUMBER	A7.12

New Sorority House For  
**BETA PSI CHAPTER OF DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama

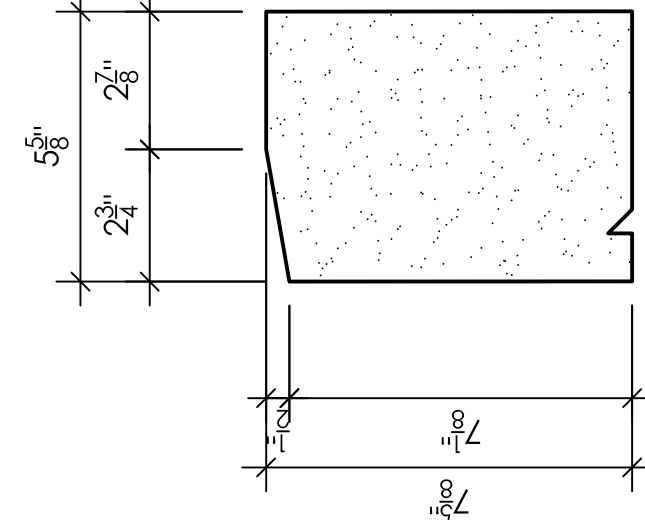




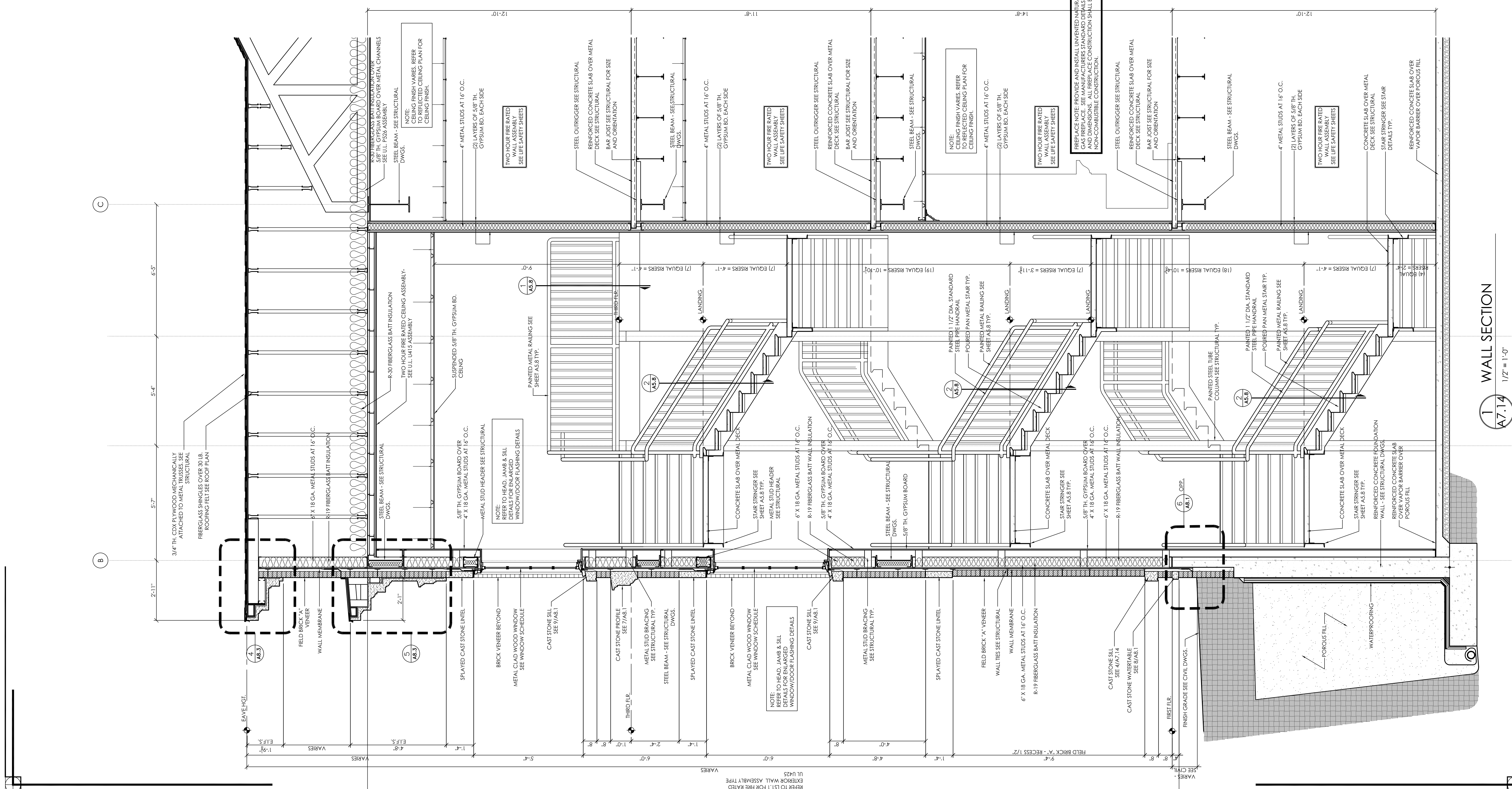
2 SECTION DETAIL  
1" = 1'-0"



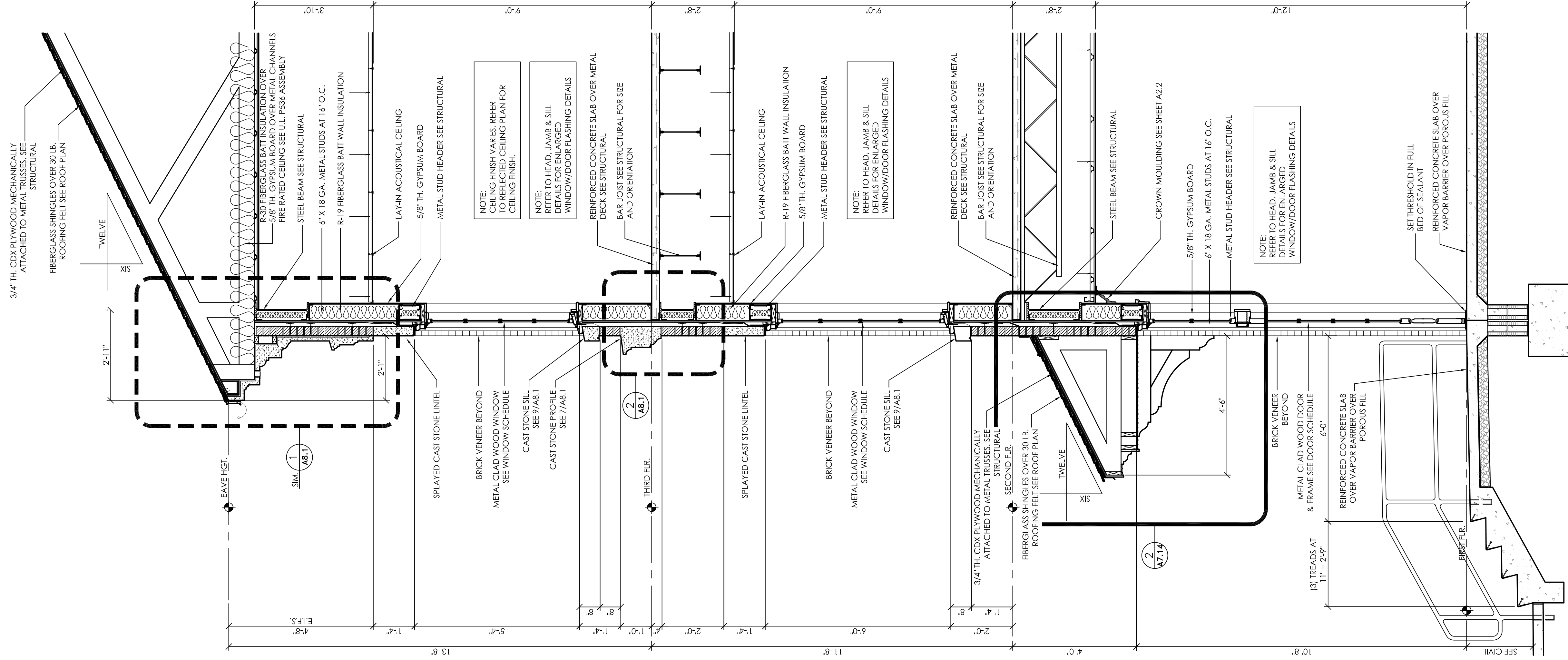
3 SECTION DETAIL  
3" = 1'-0"



4 CAST STONE PROFILE  
3" = 1'-0"



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



**1**  
A7.15 WALL SECTION  
1/2" = 1'-0"

3/4" TH. CDX PLYWOOD MECHANICALLY ATTACHED TO METAL TRUSSES. SEE STRUCTURAL  
FIBERGLASS SHINGLES OVER 30 LB. ROOFING FELT SEE ROOF PLAN

12'-0"  
2'-11"  
2'-11"  
EAVE NOT

3'-10"  
R-30 FIBERGLASS BATT INSULATION OVER  
5/8" TH. GYPSUM BOARD OVER METAL CHANNELS  
FIRE RATED CEILING SEE U.L. PS36 ASSEMBLY  
STEEL BEAM SEE STRUCTURAL  
6" X 18 GA. METAL STUDS AT 16" O.C.  
R-19 FIBERGLASS BATT WALL INSULATION  
LAY-IN ACOUSTICAL CEILING  
5/8" TH. GYPSUM BOARD  
METAL STUD HEADER SEE STRUCTURAL

SPICATED CAST STONE UNIEL  
BRICK VENEER BEYOND  
METAL CLAD WOOD WINDOW  
SEE WINDOW SCHEDULE  
CAST STONE SILL  
SEE 7/A8.1  
CAST STONE PROFILE  
SEE 7/A8.1

NOTE: FINISH VENEER, REFER TO REFLECTED CEILING PLAN FOR CEILING FINISH.  
NOTE: TO HEAD, JAMB & SILL DETAILS FOR ENLARGED WINDOW/DOOR FLASHING DETAILS

REINFORCED CONCRETE SLAB OVER METAL DECK SEE STRUCTURAL  
BAR JOINT SEE STRUCTURAL FOR SIZE AND ORIENTATION  
SPICATED CAST STONE UNIEL  
BRICK VENEER BEYOND  
METAL CLAD WOOD WINDOW  
SEE WINDOW SCHEDULE  
CAST STONE SILL  
SEE 7/A8.1

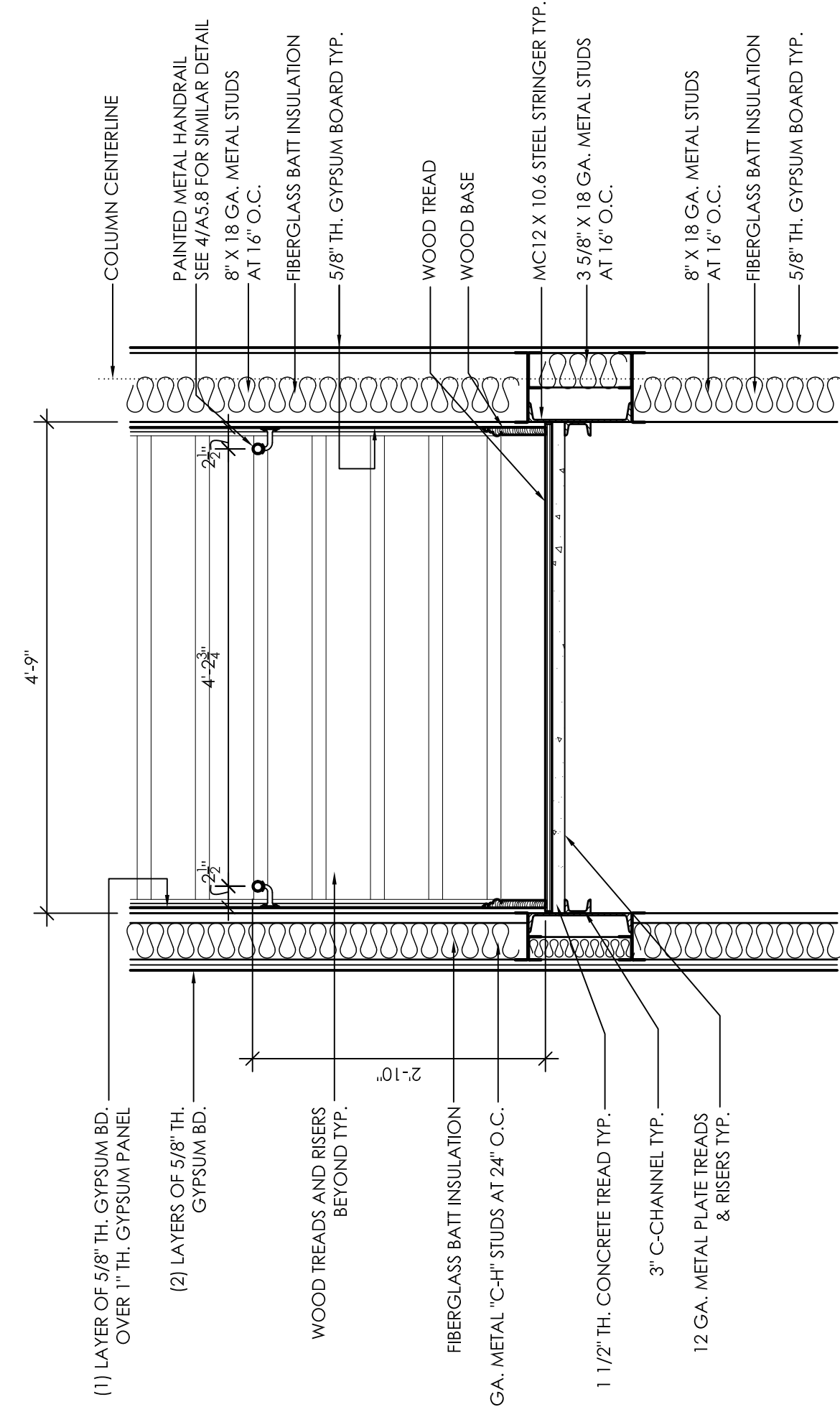
NOTE: REFER TO HEAD, JAMB & SILL DETAILS FOR ENLARGED WINDOW/DOOR FLASHING DETAILS

REINFORCED CONCRETE SLAB OVER METAL DECK SEE STRUCTURAL  
SLAB JOINT SEE STRUCTURAL FOR SIZE AND ORIENTATION  
STEEL BEAM SEE STRUCTURAL  
CROWN MOULDING SEE SHEET A2.2  
5/8" TH. GYPSUM BOARD  
6" X 18 GA. METAL STUDS AT 16" O.C.  
METAL STUD HEADER SEE STRUCTURAL

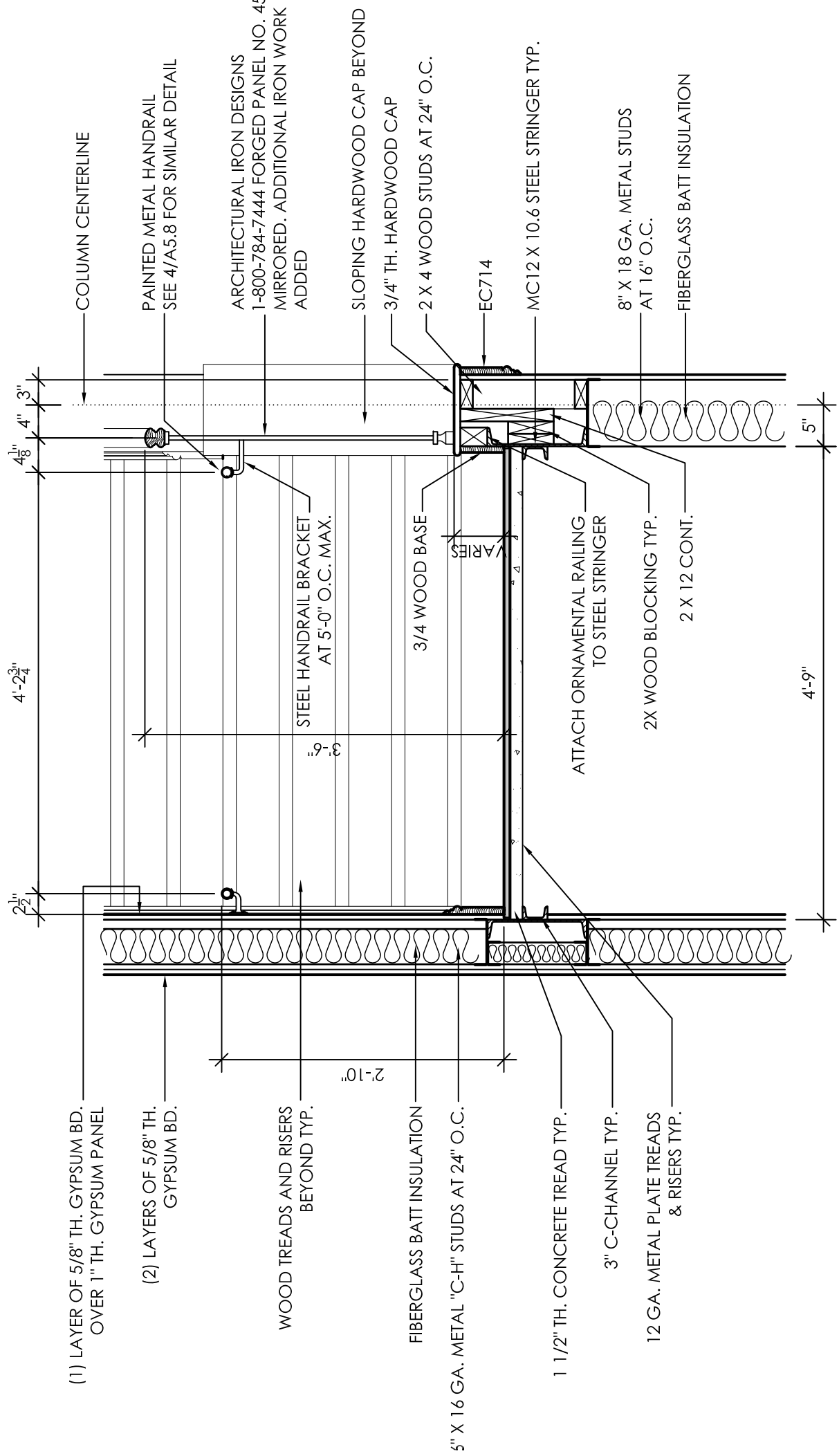
NOTE: TO HEAD, JAMB & SILL DETAILS FOR ENLARGED WINDOW/DOOR FLASHING DETAILS

REINFORCED CONCRETE SLAB OVER METAL DECK SEE STRUCTURAL  
OVER VAPOR BARRIER OVER POROUS FILL  
SET THRESHOLD IN FULL BED OF SEALANT  
REINFORCED CONCRETE SLAB OVER VAPOR BARRIER OVER POROUS FILL

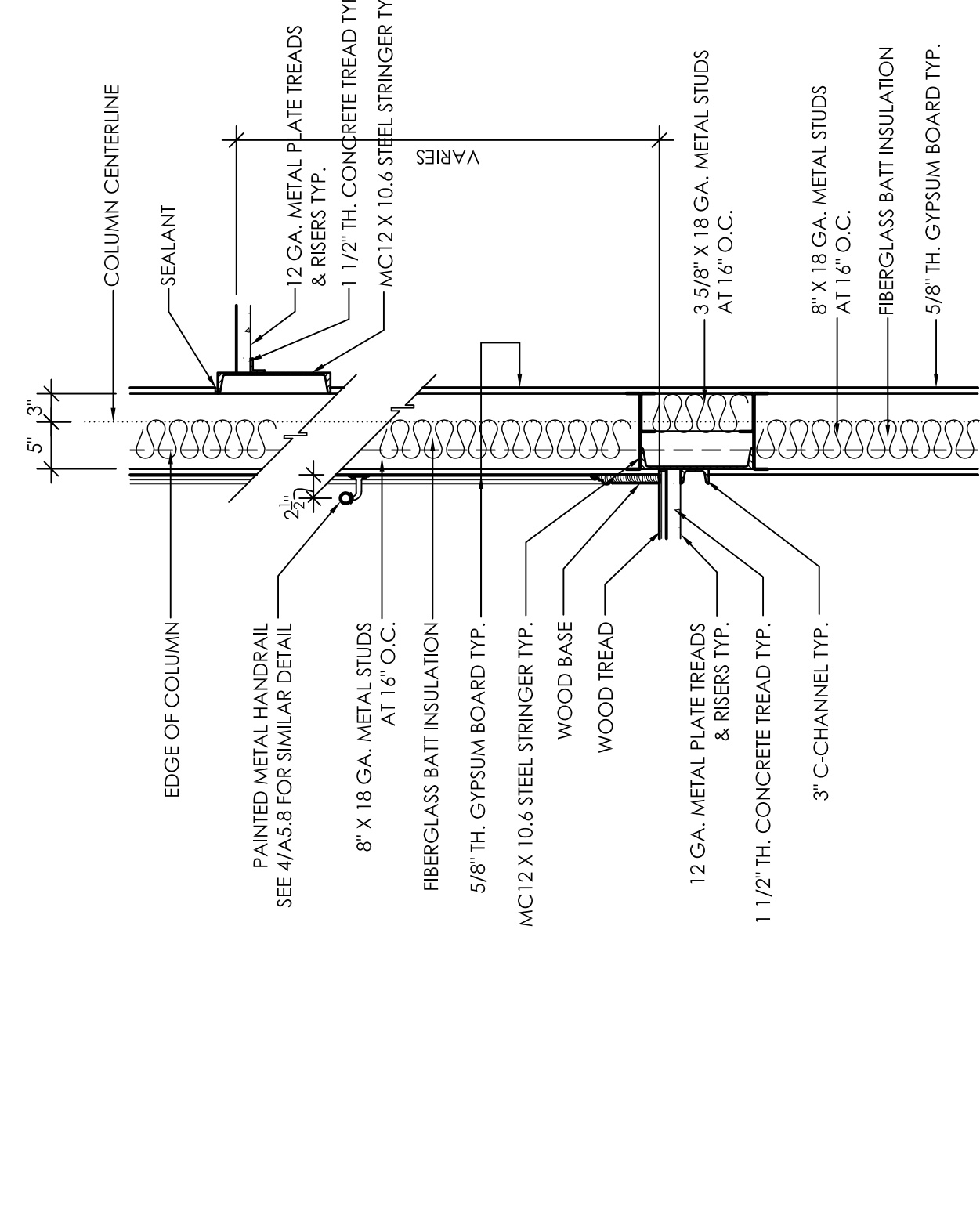
SEE CIVIL



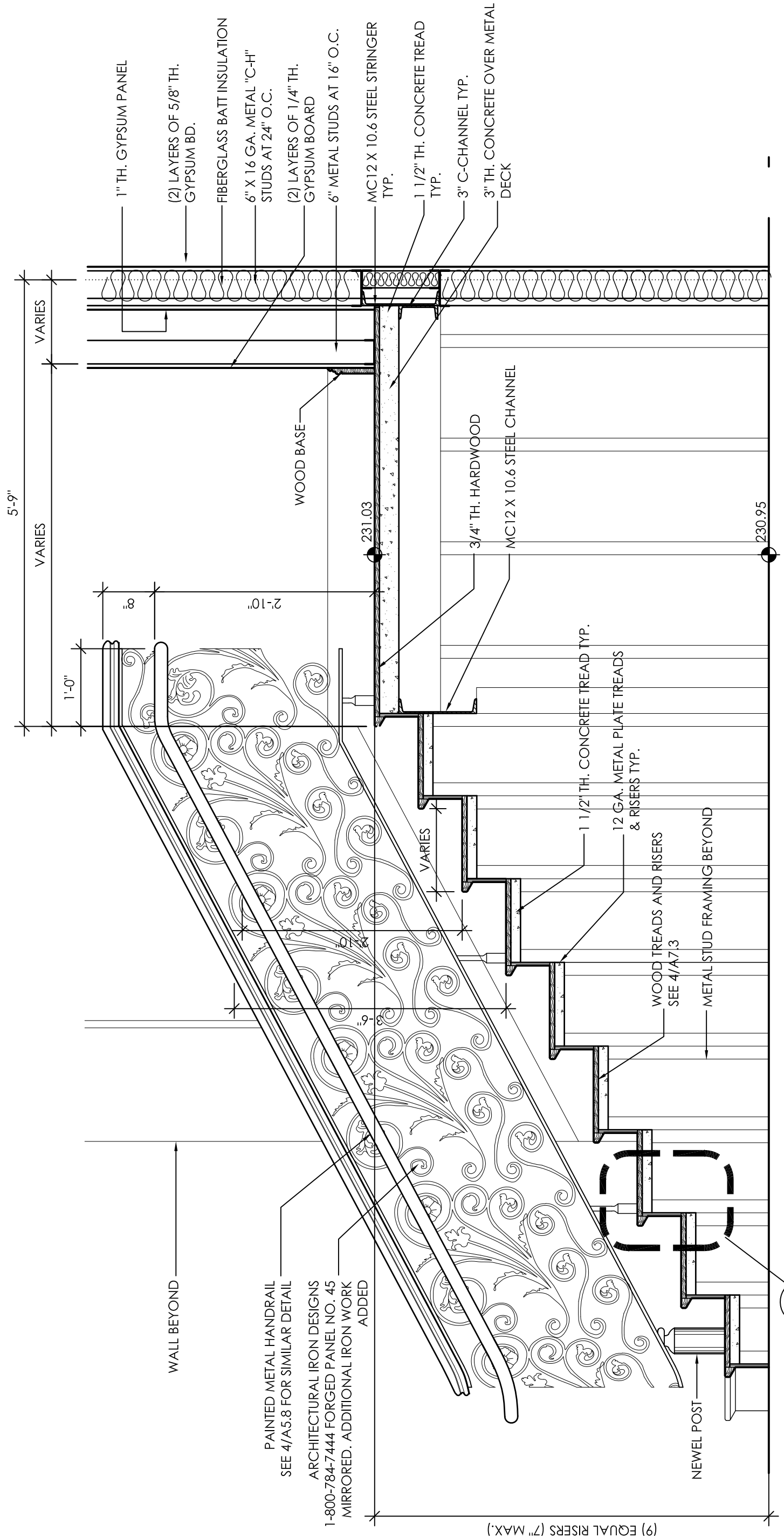
**2**  
A7.16  
STAIR SECTION  
1/2" = 1'-0"



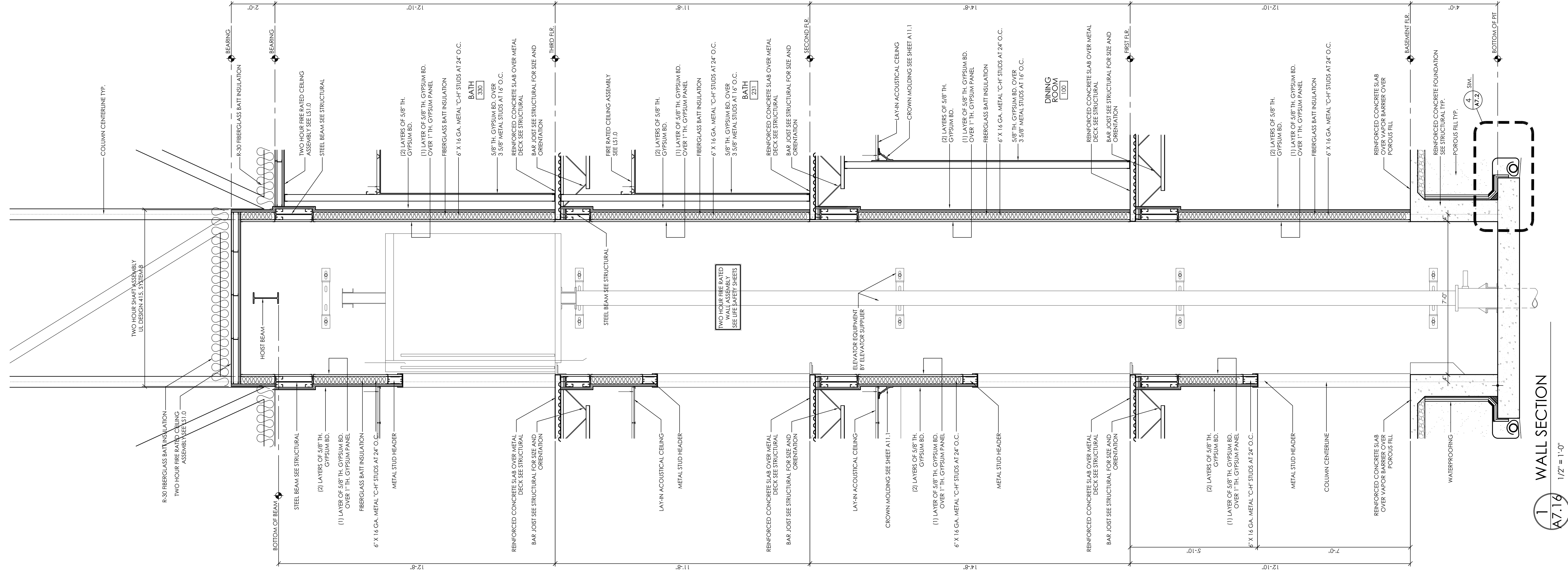
**3**  
A7.16  
STAIR SECTION  
3/4" = 1'-0"



**4**  
A7.16  
STAIR SECTION  
3/4" = 1'-0"

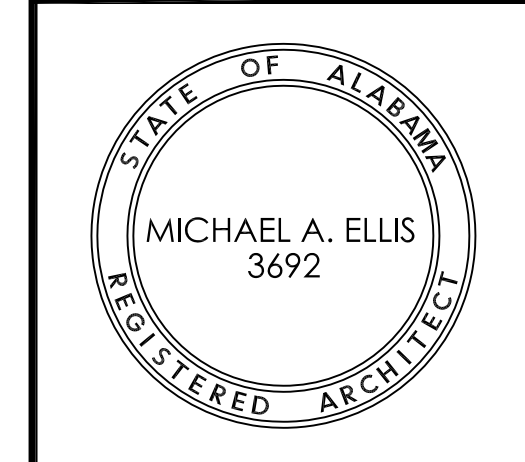


**5**  
A7.16  
STAIR SECTION  
3/4" = 1'-0"

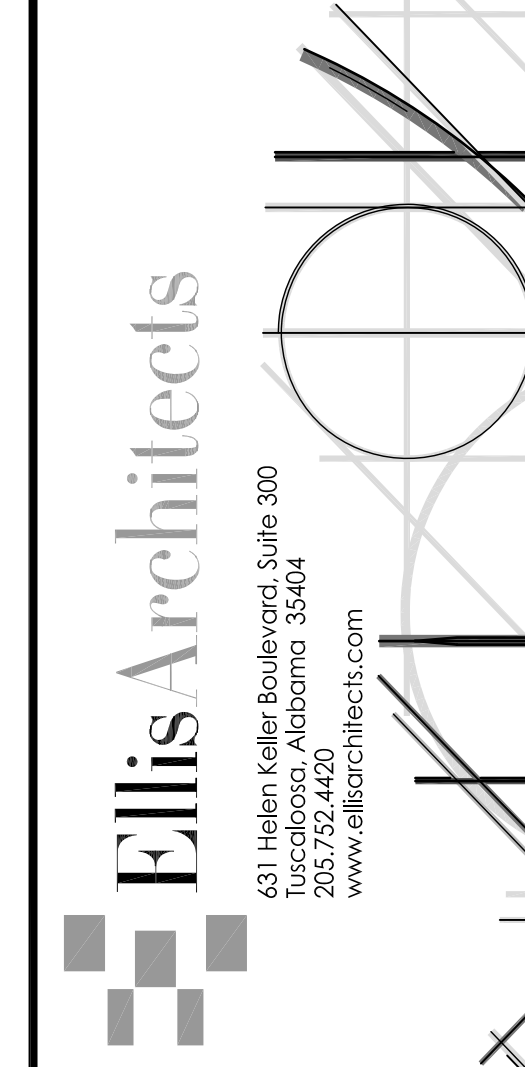


**1**  
A7.16  
WALL SECTION  
1/2" = 1'-0"

JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Jim
Wall Sections	
SHEET NUMBER	A7.16

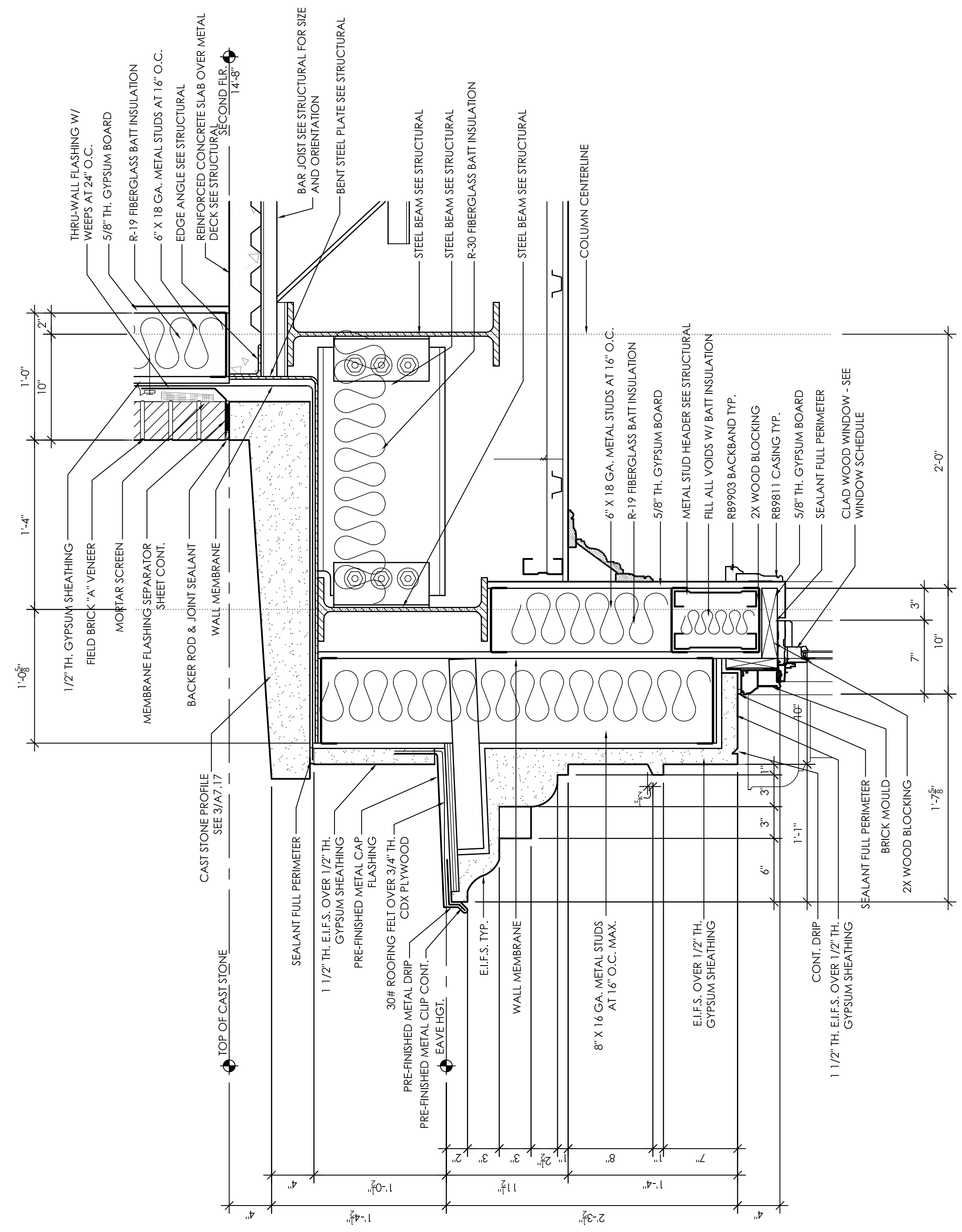


New Sorority House For  
**BETA PSI CHAPTER OF DELTA GAMMA**  
 THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
 Tuscaloosa, Alabama

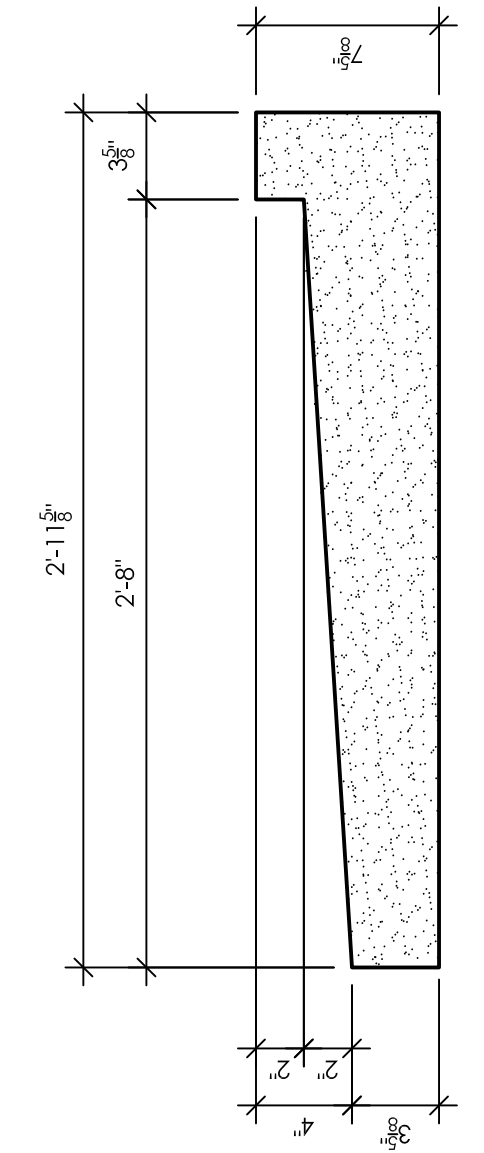


Copyright © 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
 Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

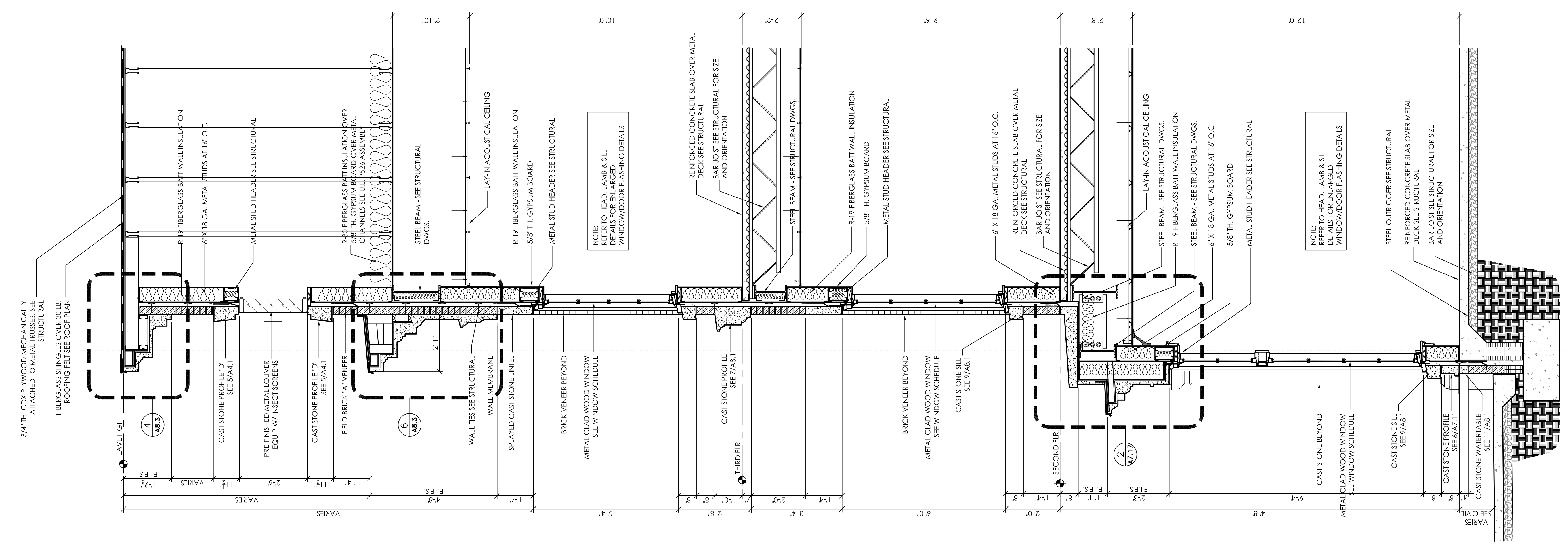




**2** SECTION DETAIL  
1/2" = 1'-0"

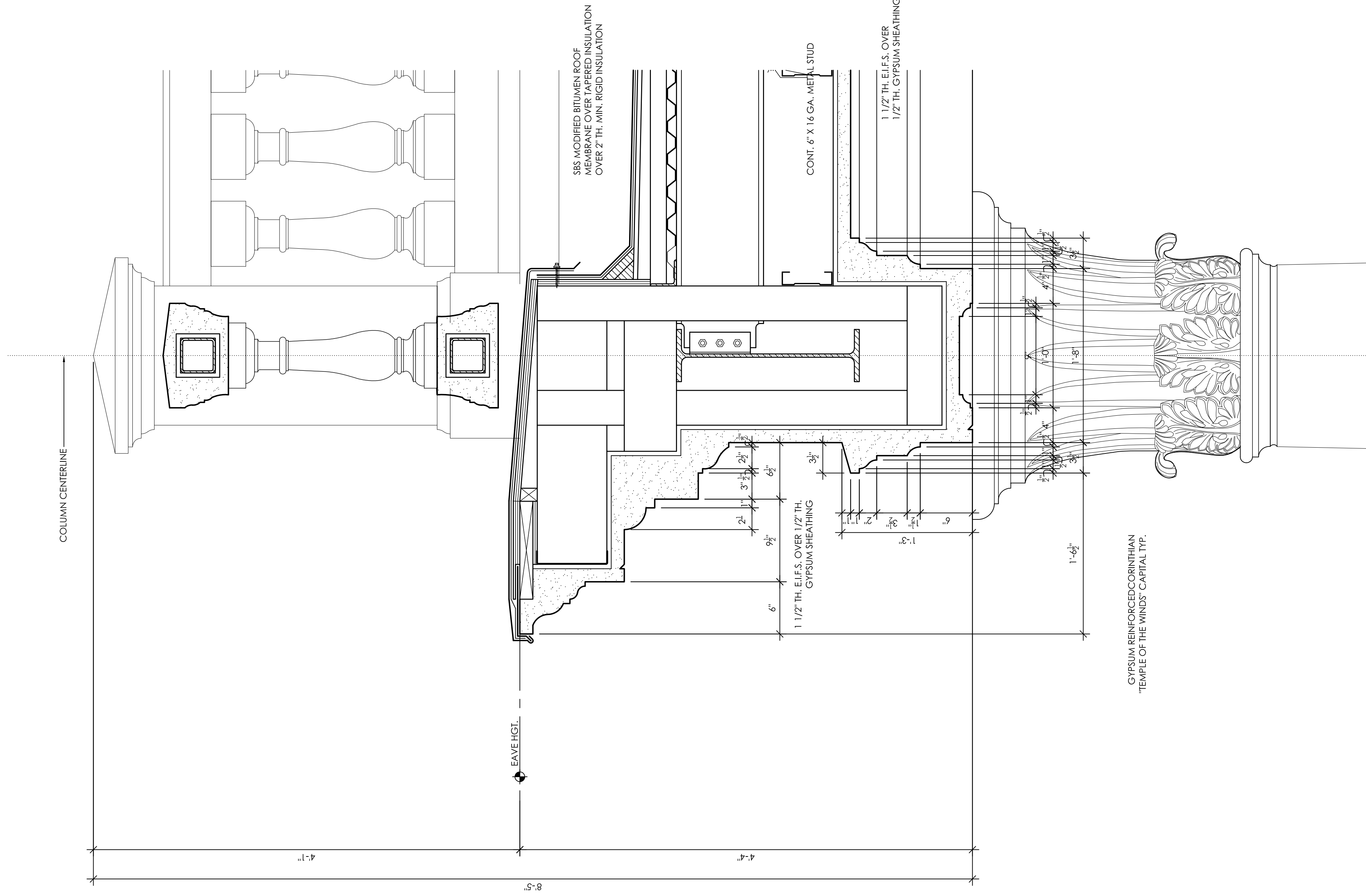


**3** SECTION DETAIL  
1/2" = 1'-0"



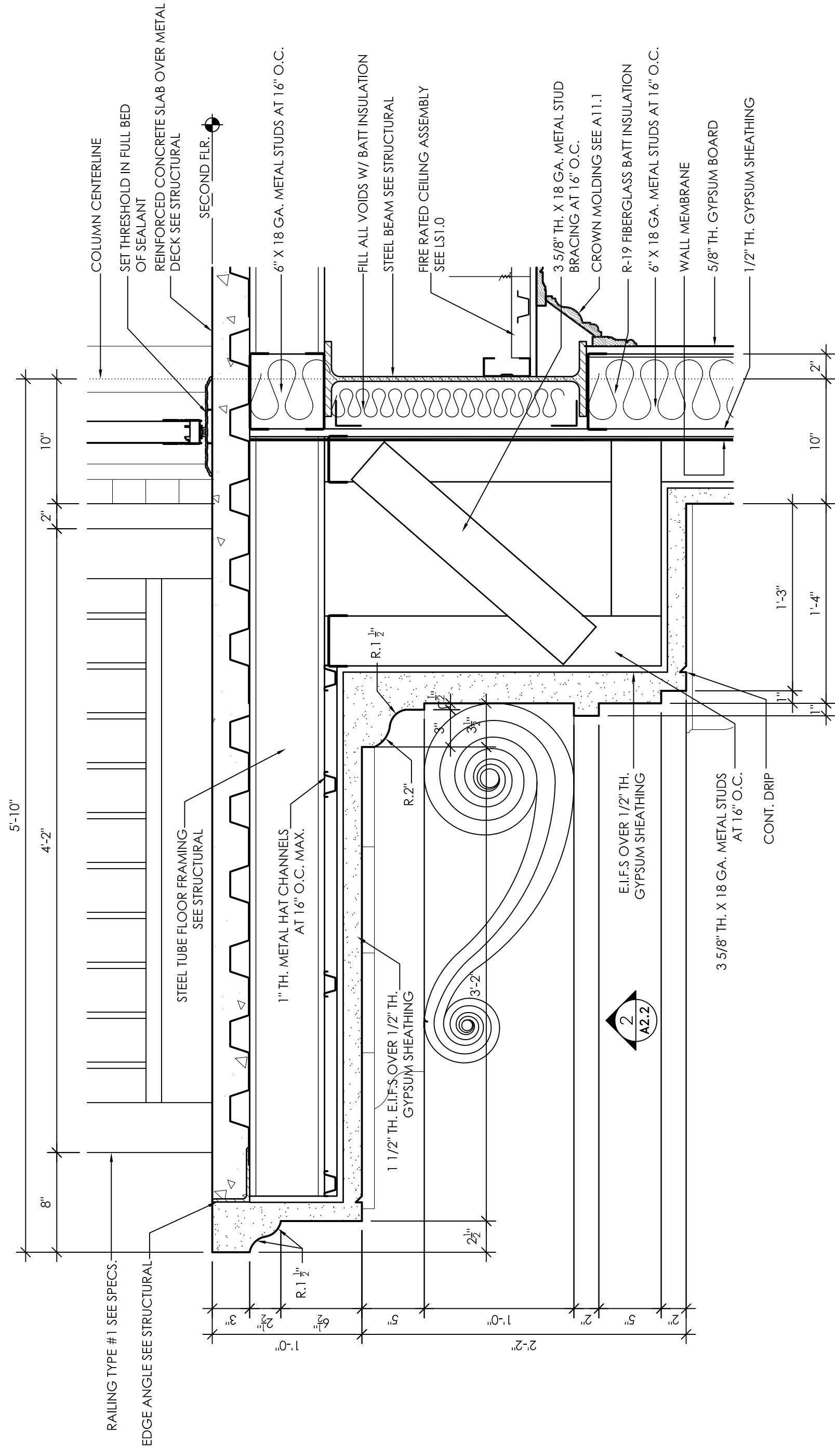
**1** WALL SECTION  
1/2" = 1'-0"



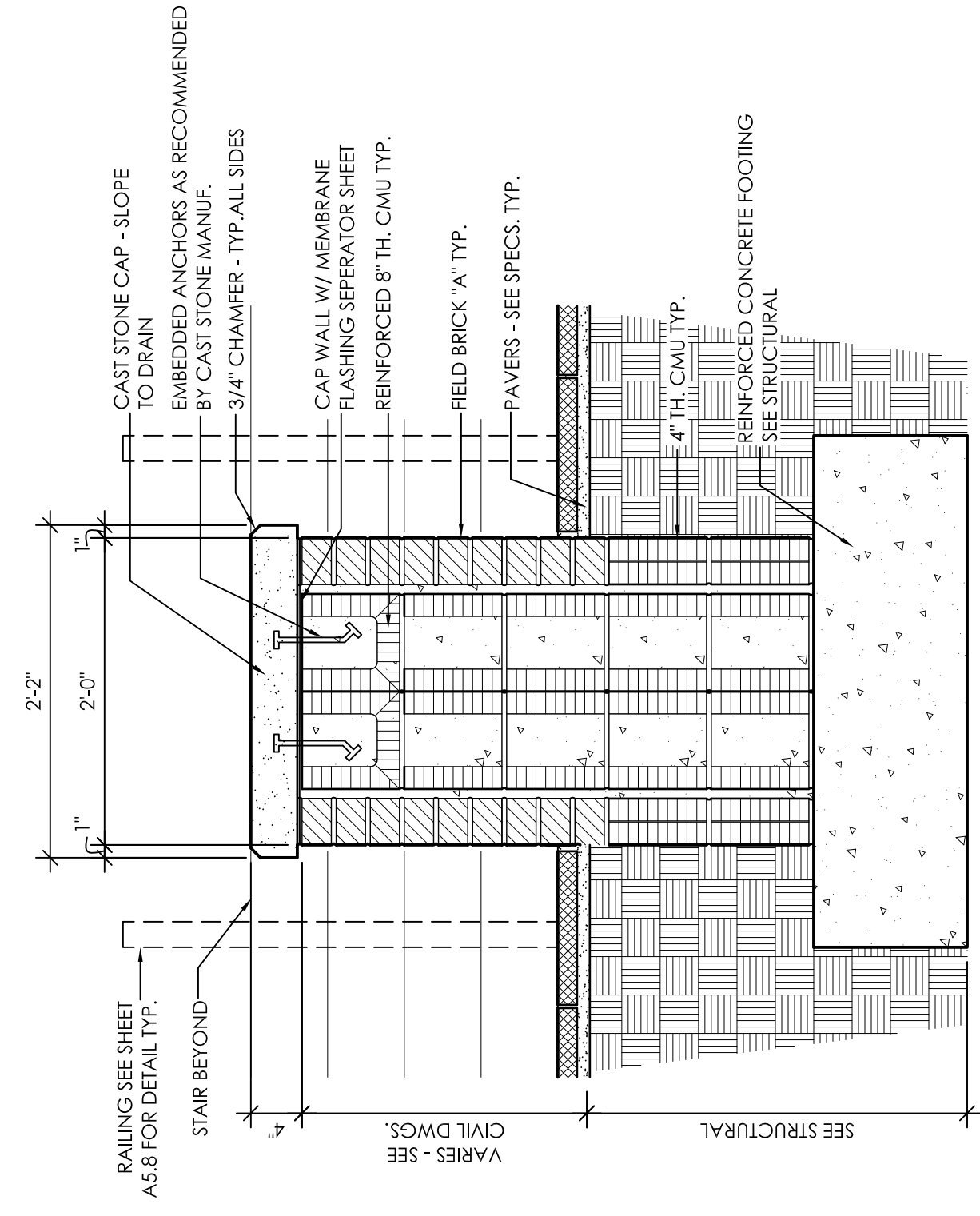


**1**  
SECTION DETAIL  
A8.2 1 1/2" = 1'-0"

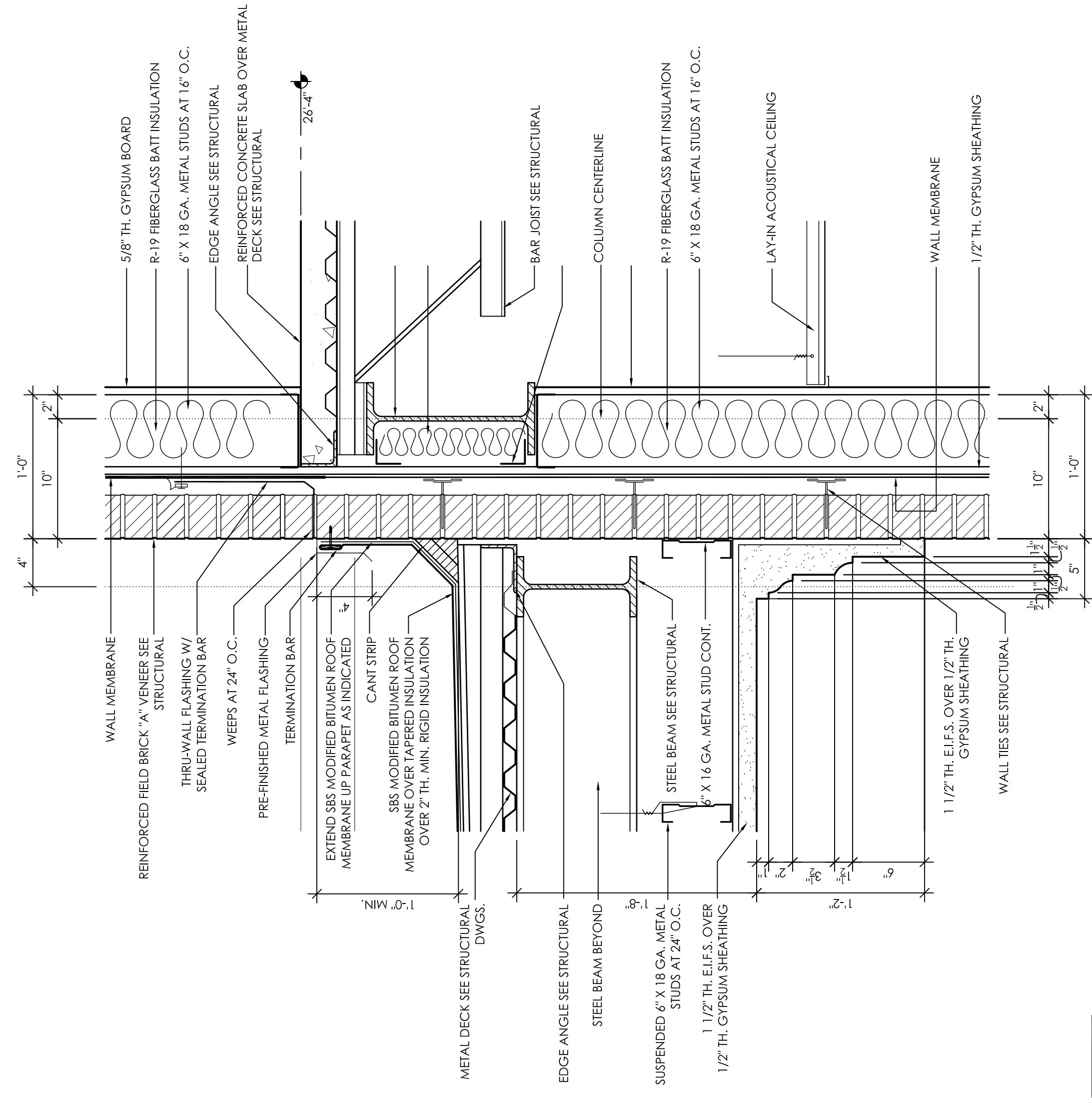
DETAIL NOTES  
1. PROVIDE AND INSTALL GYPSUM BOARD AS REQUIRED TO PROTECT SURFACES OF THE LIFE SAFETY PLANS AND ALL ASSEMBLIES.



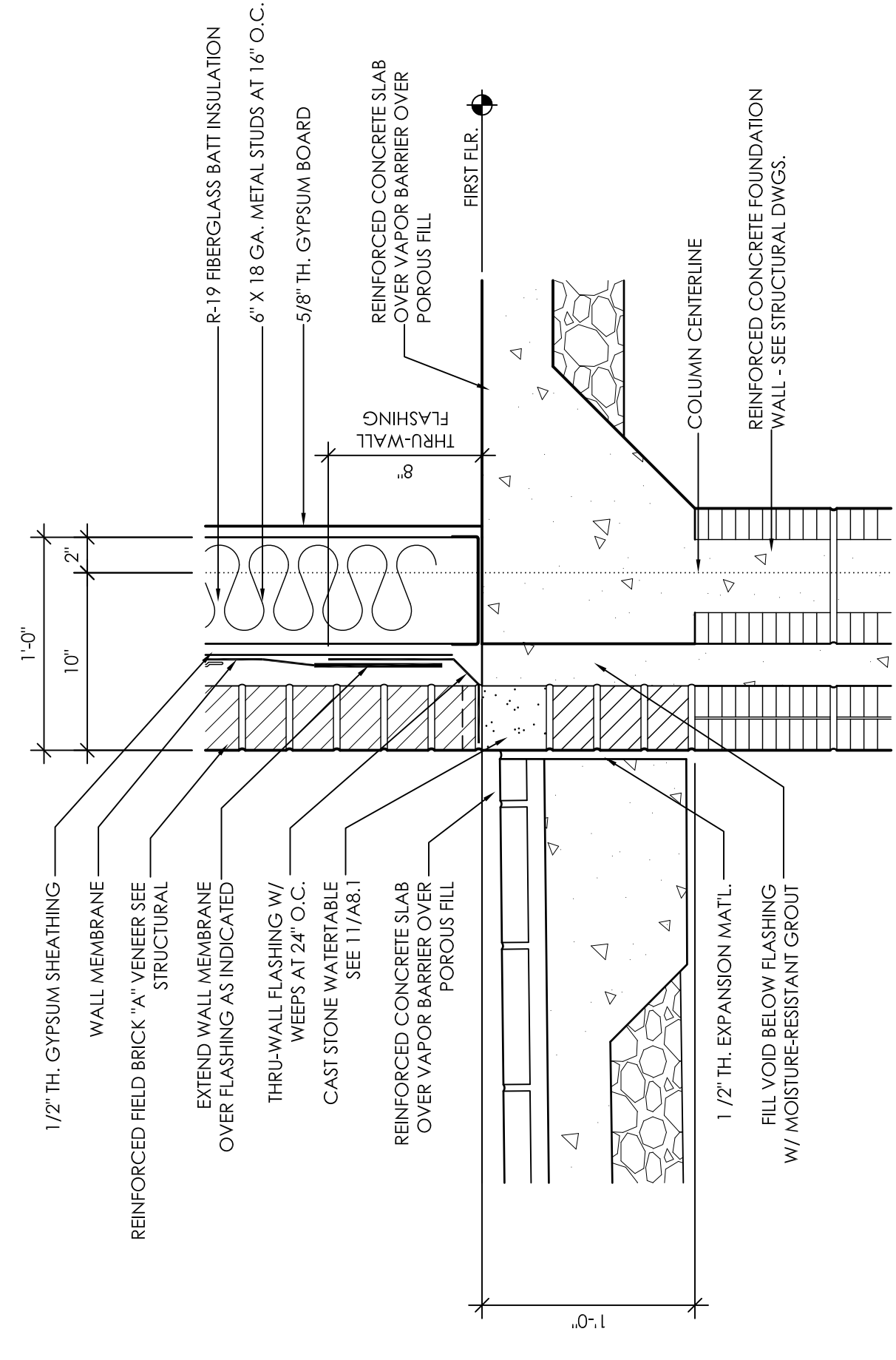
**2**  
SECTION DETAIL  
A8.2 1 1/2" = 1'-0"



**3**  
SECTION DETAIL  
A8.2 1" = 1'-0"

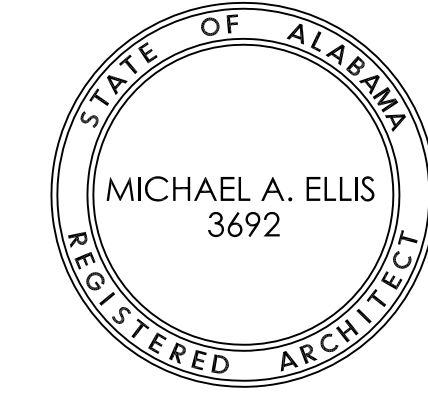


**4**  
SECTION DETAIL  
A8.2 1 1/2" = 1'-0"



**5**  
SECTION DETAIL  
A8.2 1 1/2" = 1'-0"

New Sorority House For  
**BETA PSI CHAPTER OF  
DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama

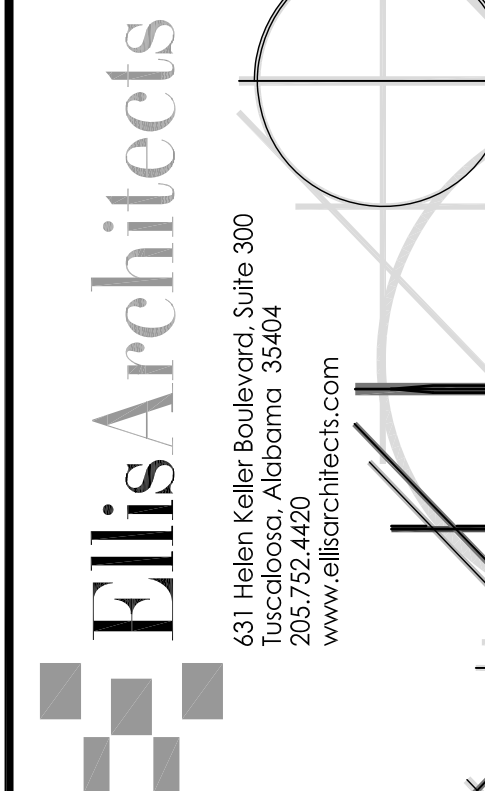


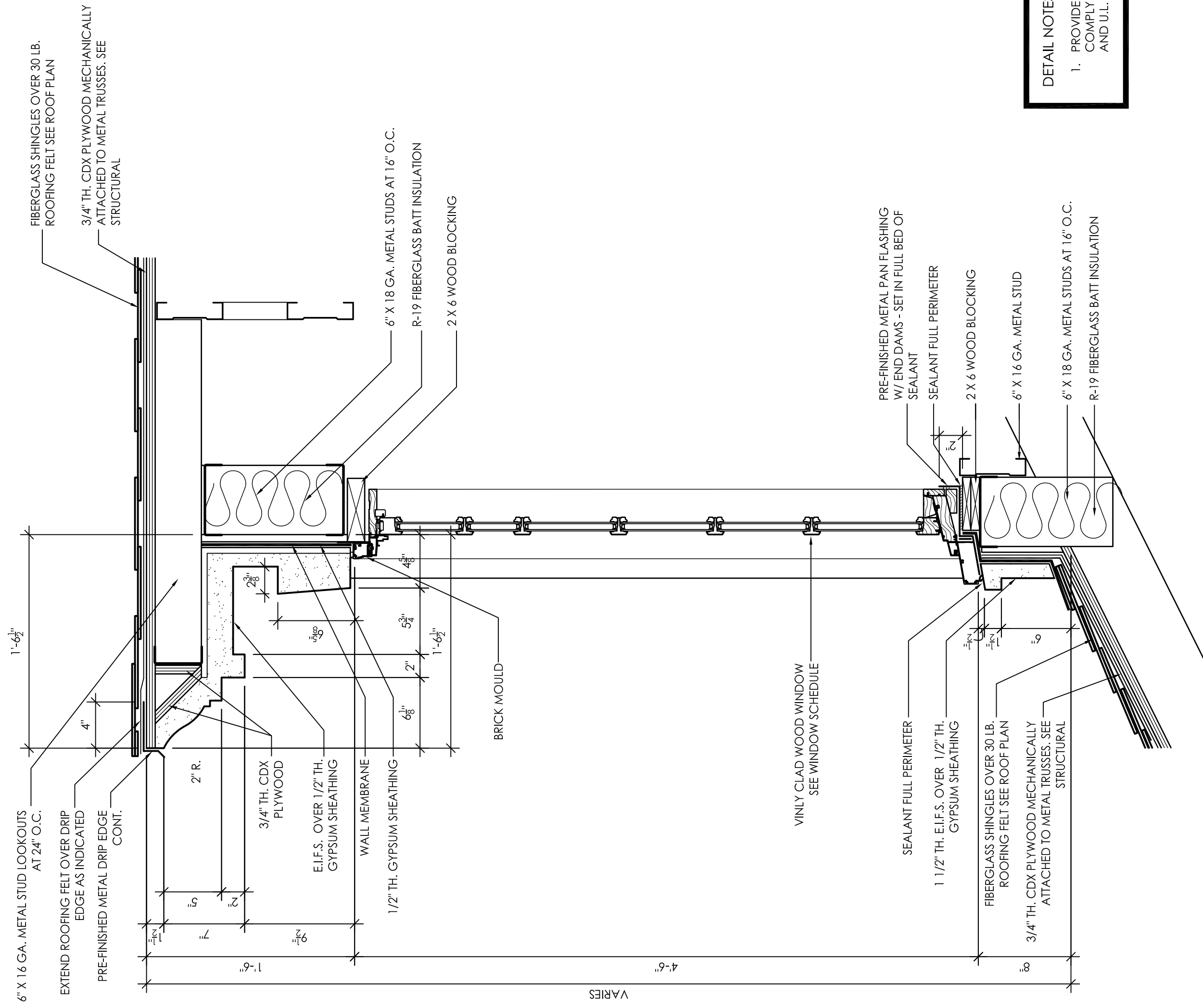
Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Jim

Details

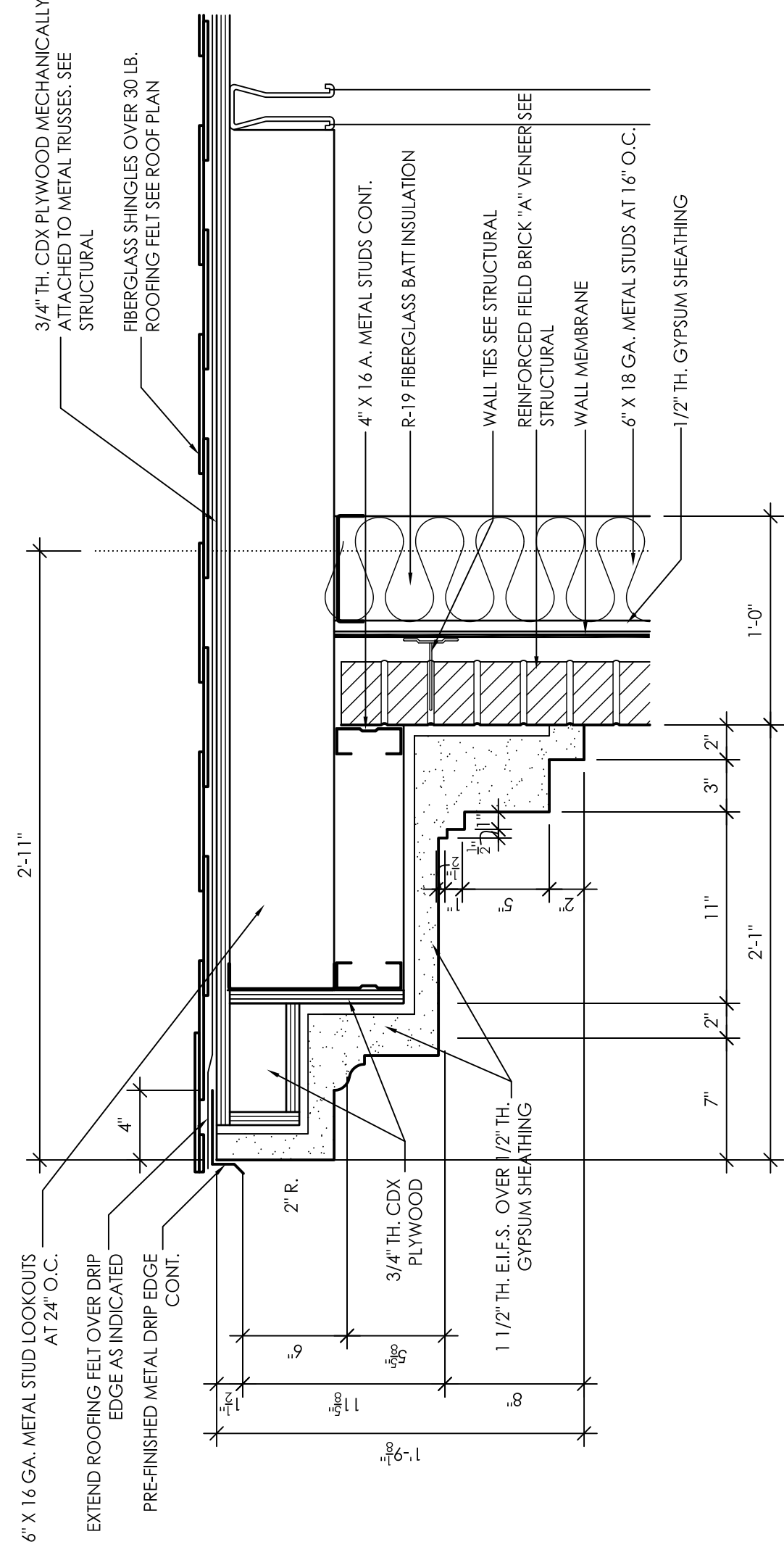
SHEET NUMBER  
A8.2



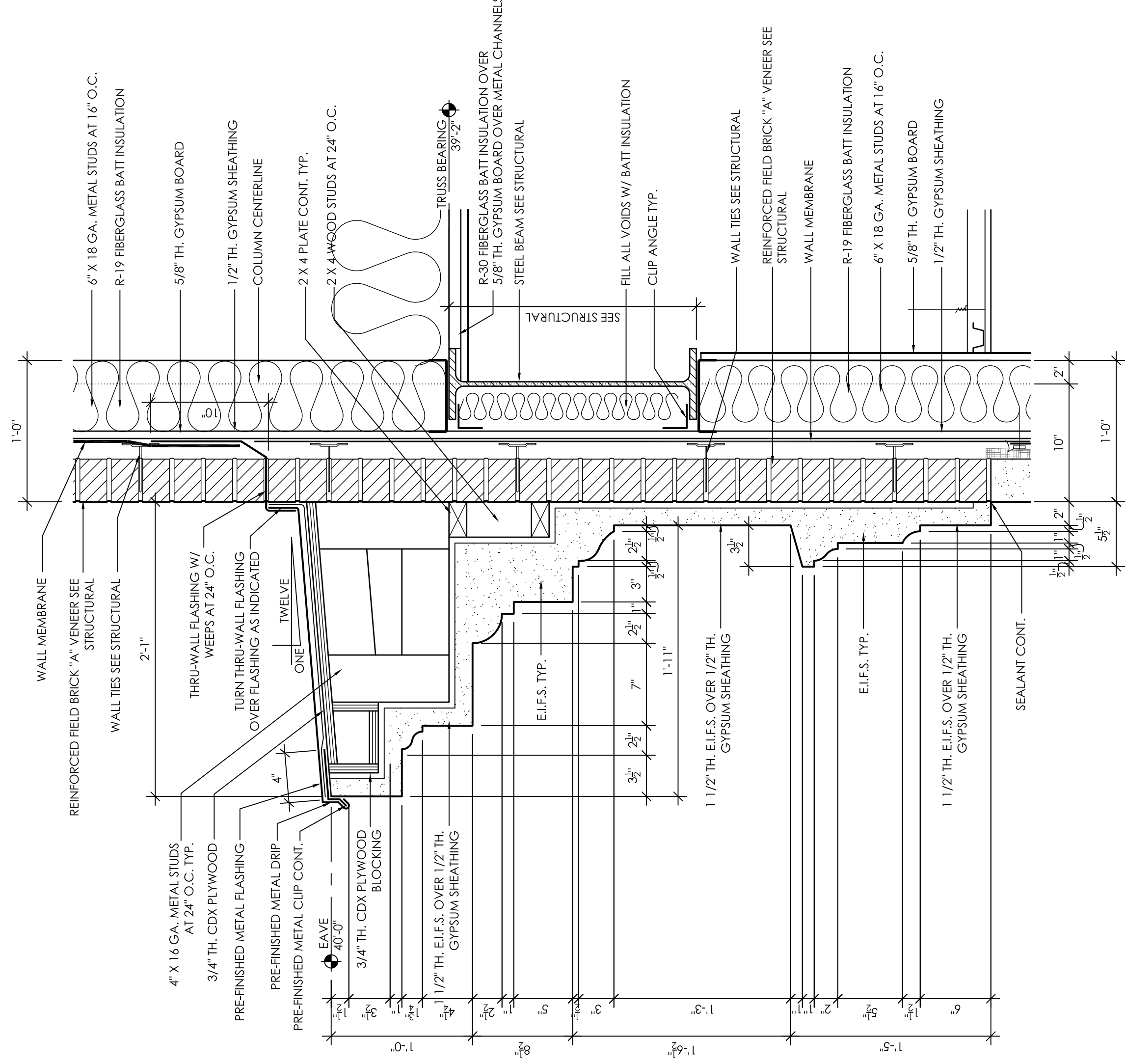


**1** SECTION DETAIL  
A8.3 1 1/2" = 1'-0"

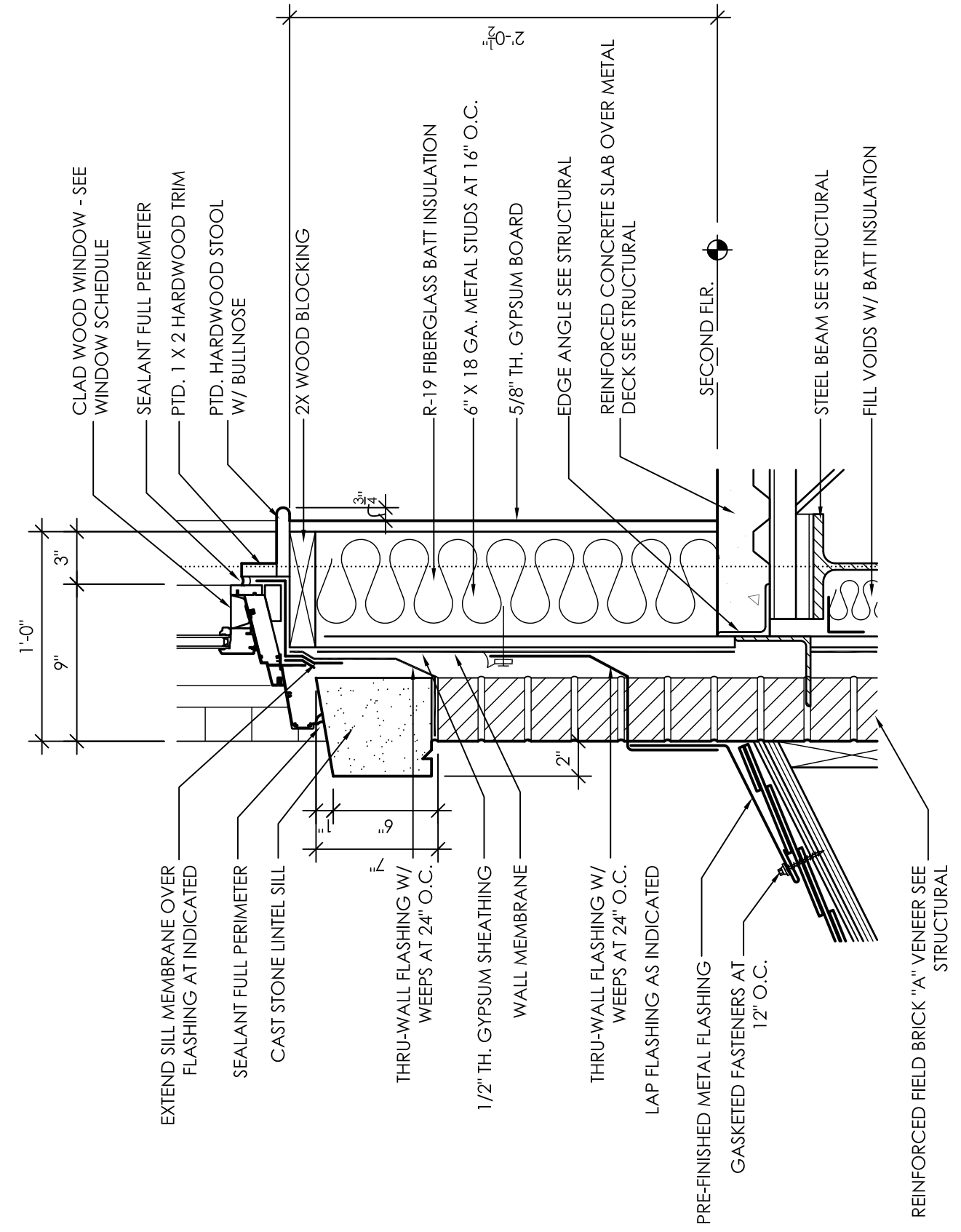
**DETAIL NOTES**  
1. PROVIDE AND INSTALL GYPSUM BOARD AS REQUIRED TO MEET REQUIREMENTS OF THE LIFE SAFETY PLANS AND ALL ASSEMBLIES.



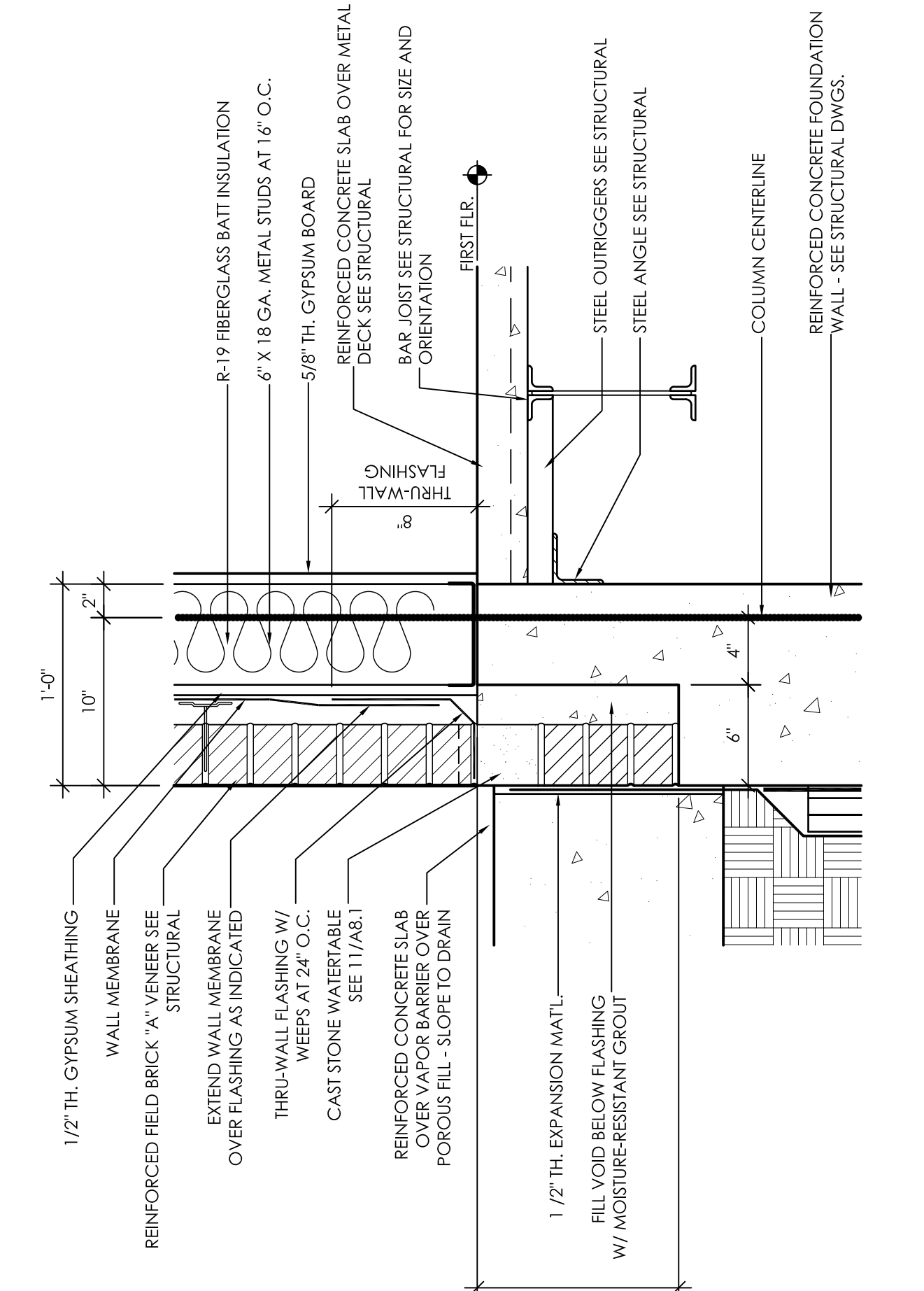
**4** SECTION DETAIL  
A8.3 1 1/2" = 1'-0"



**5** SECTION DETAIL  
A8.3 1 1/2" = 1'-0"



**2** SECTION DETAIL  
A8.3 1 1/2" = 1'-0"



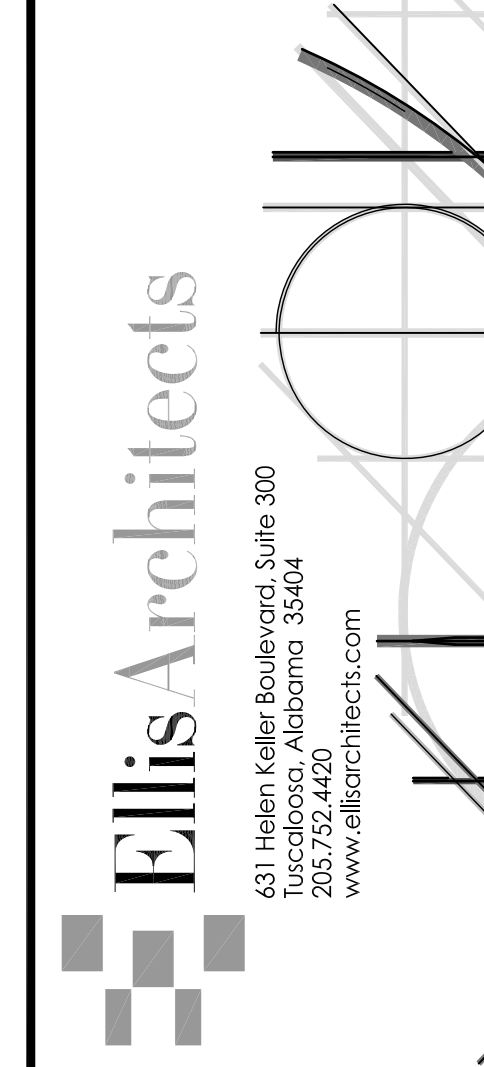
**6** SECTION DETAIL  
A8.3 1 1/2" = 1'-0"

**3** SECTION DETAIL  
A8.3 1 1/2" = 1'-0"

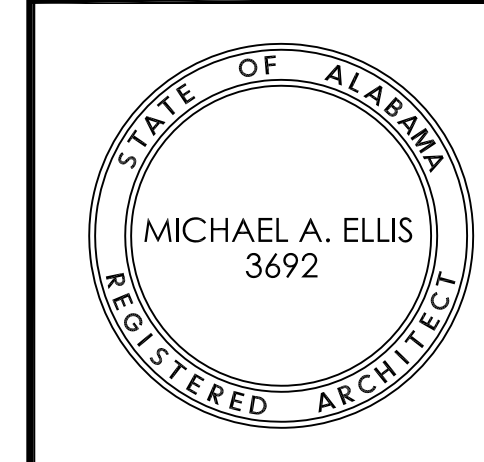
# FINISH LEGEND

NATURAL STONE	FLOOR TILE	TILE BASE	PAINT	PLASTIC LAMINATE	TOILET PARTITIONS
MT-1 DALTILE MARBLE COLOR: CREMA MARFIL GROUT: LATICRETE #61 PARCHMENT CONTACT: ELIZABETH MELANCON 205.792.6449	T-1 ILVA - LANDSCAPES 10"X10" COLOR: BEACH GROUT: MAPEI #04 BAHAMA BEIGE CONTACT: BUBBER RUTLAND 334.215.5700	TB-1 ILVA LANDSCAPES COVE BASE COLOR: BEACH GROUT: MAPEI #04 BAHAMA BEIGE CONTACT: BUBBER RUTLAND 334.215.5700	P-1 BENJAMIN MOORE COLOR: HC-28 SHELburnE BUFF	PL-1 ARBORITE PATTERN: P-333 CA SAHARA SAND CONTACT: JILL WADE 205.664.0224	TP-1 CEILING HUNG HDPE PARTITIONS COLOR: EQUAL TO GLOBAL PARTITIONS TAN SEE SPECS FOR FULL INFORMATION ON TOILET PARTITIONS.
MT-2 DALTILE MARBLE COLOR: EMPERADOR DARK #M722 POL. GROUT: MAPEI #47 CHARCOAL CONTACT: ELIZABETH MELANCON 205.792.6449	T-2 INTERCERAMIC BARCELONA SERIES 12"X12" COLOR: CAFE TOBACCO GROUT: MAPEI #07 CHOCOLATE CONTACT: BUBBER RUTLAND 334.215.5700	TB-2 INTERCERAMIC CEDAR STONE COVE BASE 6"X20" COLOR: DESERT DUNE GROUT: LATICRETE #81 BUTTER CREAM CONTACT: BUBBER RUTLAND 334.215.5700	P-2 BENJAMIN MOORE COLOR: HC-26 MONROE BISQUE TRIM COLOR	PL-2 ARBORITE PATTERN: P-238 CA PALERMO ARGILLA CONTACT: JILL WADE 205.664.0224	DOORS
MT-3 DALTILE MARBLE COLOR: EMPERADOR DARK #M725 POL. GROUT: MAPEI #35 NAVAJO BROWN CONTACT: ELIZABETH MELANCON 205.792.6449	T-3 INTERCERAMIC CEDAR STONE 13"X13" COLOR: DESERT DUNE GROUT: LATICRETE #81 BUTTER CREAM CONTACT: BUBBER RUTLAND 334.215.5700	TB-3 CROSSVILLE EMPIRE SERIES COVE BASE 6"X14" COLOR: EMPEROR'S GOLD V582 UP GROUT: MAPEI #05 CHAMOIS CONTACT: DANA NORDEN 205.987.3617	P-3 BENJAMIN MOORE COLOR: HC-77 ALEXANDRA BEIGE	PL-3 PICONITE PATTERN: AT501 SUEDE COLOR: SABLE TAPESTRY	PRE-FINISHED STAIN COLOR TO BE SELECTED BY DESIGNER
MT-4 DALTILE MARBLE COLOR: BOTTICINO CLASSICO #M703 POL. GROUT: MAPEI #47 CHARCOAL CONTACT: ELIZABETH MELANCON 205.792.6449	T-4 CROSSVILLE EMPIRE SERIES 14"X14" COLOR: EMPEROR'S GOLD V582 POL. GROUT: MAPEI #05 CHAMOIS CONTACT: DANA NORDEN 205.987.3617	TB-4 ILVA PIETRA TRAVERTINE COVE BASE 6"X13" COLOR: BEIGE GROUT: MAPEI #44 PALE UMBER CONTACT: BUBBER RUTLAND 334.215.5700	P-4 SHERWIN WILLIAMS COLOR: 6142 MACADAMIA	PL-4 FORMICA PATTERN: 303-58 MATTE COLOR: ANTIQUE WHITE OXIDE CONTACT: NAN JONES 205.290.2130	CORNER GUARDS
MT-5 DALTILE MARBLE COLOR: ST LAURENT ORIENTAL # POL. GROUT: MAPEI #35 NAVAJO BROWN CONTACT: ELIZABETH MELANCON 205.792.6449	T-5 CROSSVILLE EMPIRE SERIES 3 1/2"X3 1/2" COLOR: ELBA NIGHT V579 POL. GROUT: MAPEI #05 CHAMOIS CONTACT: DANA NORDEN 205.987.3617	TB-5 CROSSVILLE CROSS COLORS COVE BASE 6"X12" COLOR: TREE HOUSE A1114 GROUT: MAPEI #04 BAHAMA BEIGE CONTACT: DANA NORDEN 205.987.3617	P-5 BENJAMIN MOORE COLOR: HC-21 HUNTINGTON BEIGE	PL-5 FORMICA PATTERN: 5880-58 MATTE COLOR: EARTHEN WARP CONTACT: NAN JONES 205.290.2130	CG ACROVYN 1 1/2" CORNER GUARDS COLOR: TO BE SELECTED FROM STANDARD COLORS BY ARCHITECT. SEE WALL FINISH PLANS A9.8 AND A9.9 FOR LOCATION OF CORNER GUARDS.
WOOD FLOORING		WALL TILE TRIM PIECES		TRANSITION STRIPS	
WD-1 HOWELL LUMBER, MILL CRAFTED WHITE OAK, 5" WIDTH, ANTIQUE BROWN *SUBMIT STAIN SAMPLE TO ARCHITECT FOR APPROVAL BEFORE STAINING	T-7 CROSSVILLE CROSS COLORS 12"X12" COLOR: TREE HOUSE A1114 GROUT: MAPEI #04 BAHAMA BEIGE CONTACT: DANA NORDEN 205.987.3617	WTA-1 ILVA PIETRA TRAVERTINE TORELLO V-CAP COLOR: BEIGE GROUT: MAPEI #44 PALE UMBER CONTACT: BUBBER RUTLAND 334.215.5700	P-7 BENJAMIN MOORE COLOR: 1169 ANTIQUE COPPER	GRANITE COUNTERTOP	
WD-2 ARWSTONGS NATURAL CREATIONS AROBORART 6" WIDTH COLOR: HAND CRAFTED NUTMEG #TP075 CONTACT: ROBIN MURPHY 404.276.2688	T-8 ILVA PIETRA TRAVERTINE 7"X7" COLOR: BEIGE GROUT: MAPEI #44 PALE UMBER CONTACT: BUBBER RUTLAND 334.215.5700	WTA-2 ILVA PIETRA TRAVERTINE QUARTER ROUND COLOR: BEIGE GROUT: MAPEI #44 PALE UMBER CONTACT: BUBBER RUTLAND 334.215.5700	P-8 BENJAMIN MOORE COLOR: HC-35 POWELL BUFF	GR-1 GRANITE AS SUPPLIED BY DALTILE COLOR: SANTA CECILIA SIZE: 3CM CONTACT: ELIZABETH MELANCON 205.792.6449	MT SYNTHETIC MARBLE TRANSITION STRIP COLOR: ALMOND
WDT-1 WOOD TREADS AND RISERS THICKNESS: 1 1/2" *SUBMIT STAIN SAMPLE TO ARCHITECT FOR APPROVAL BEFORE STAINING	WALL TILE		P-9 GLIDDEN COLOR: SANDERLING SPECIFY: #90YR 33/118 ORDER: L1755	GR-2 GRANITE AS SUPPLIED BY DALTILE COLOR: GIALLO VENEZIANO SIZE: 3CM CONTACT: ELIZABETH MELANCON 205.792.6449	RT RUBBER TRANSITION STRIP MANUFACTURER: ROPPE COLOR: #140 FAWN
CARPET TILE	WT-1 ILVA PIETRA TRAVERTINE 7"X7" COLOR: BEIGE GROUT: MAPEI #44 PALE UMBER CONTACT: BUBBER RUTLAND 334.215.5700	WTA-4 CROSSVILLE EMPIRE SERIES HALF ROUND COLOR: EMPEROR'S GOLD V582 POL. GROUT: MAPEI #05 CHAMOIS CONTACT: DANA NORDEN 205.987.3617	P-10 BENJAMIN MOORE COLOR: 1524	GR-3 GRANITE AS SUPPLIED BY DALTILE COLOR: PARADISE BEACH SIZE: 3CM CONTACT: ELIZABETH MELANCON 205.792.6449	ELEVATOR FINISHES
CPT-1 J&J/INVISION PATTERN: STACKED MODULAR COLOR: OBSERVE #1398 CONTACT: LAUREL BRANNON 334.294.9384 INSTALLATION: QUARTER TURN	WT-2 INTERCERAMIC PIETRA CRISTAL 12"X12" MOSAIC SERPENTINE COLOR: TOPAZ GROUT: MAPEI #44 PALE UMBER CONTACT: BUBBER RUTLAND 334.215.5700	WTA-5 CROSSVILLE EMPIRE SERIES CHAIR RAIL COLOR: ELBA NIGHT V579 POL. GROUT: MAPEI #05 CHAMOIS CONTACT: DANA NORDEN 205.987.3617	P-11 BENJAMIN MOORE COLOR: TO BE SELECTED	GR-4 GRANITE AS SUPPLIED BY DALTILE COLOR: PARADISE BEACH SIZE: 3CM CONTACT: ELIZABETH MELANCON 205.792.6449	ENTRANCE FRAME AND DOORS: SATIN STAINLESS STEEL
CPT-2 J&J/INVISION PATTERN: STACKED MODULAR COLOR: INTENSIFY #1402 CONTACT: LAUREL BRANNON 334.294.9384 INSTALLATION: QUARTER TURN	WT-3 CROSSVILLE EMPIRE SERIES 1"X1" MOSAICS COLOR: ELBA NIGHT V579 POL. GROUT: MAPEI #05 CHAMOIS CONTACT: DANA NORDEN 205.987.3617	WTA-6 CROSSVILLE EMPIRE SERIES HALF ROUND COLOR: ELBA NIGHT V579 POL. GROUT: MAPEI #05 CHAMOIS CONTACT: DANA NORDEN 205.987.3617	P-12 BENJAMIN MOORE COLOR: TO BE SELECTED	SS-1 CORIAN COLOR: OAT CONTACT: JEFF STEWART 205.475.8155	CAB WALLS: WILSONART 7922-07 BRIGHTON WALNUT
RUBBER BASE/TREADS/ETC.	WT-4 CROSSVILLE EMPIRE SERIES 1"X1" MOSAICS COLOR: EMPEROR'S GOLD V582 POL. GROUT: MAPEI #05 CHAMOIS CONTACT: DANA NORDEN 205.987.3617	BN-1 ILVA PIETRA TRAVERTINE SERIES BULLNOSE 3"X13" COLOR: BEIGE GROUT: MAPEI #44 PALE UMBER CONTACT: BUBBER RUTLAND 334.215.5700	WALL PANEL FABRICS		CAB CEILINGS: LEXAN SUSPENDED CEILING
RB-1 4" RUBBER BASE MANUFACTURER: ROPPE COLOR: 140 FAWN	WT-5 CROSSVILLE EMPIRE SERIES 7"X7" COLOR: EMPEROR'S GOLD V582 POL. GROUT: MAPEI #05 CHAMOIS CONTACT: DANA NORDEN 205.987.3617	SEALED CONCRETE		SS-2 CORIAN COLOR: PINE CONTACT: JEFF STEWART 205.475.8155	SS-3 MEGANITE COLOR: CINDER GRANITE #679 CONTACT: KADY WATKINS 901.386.2375
RT/R-1 RUBBER TREAD AND RISERS MANUFACTURER: ROPPE COLOR: 140 FAWN PATTERN: #93 TEXTURED	WT-6 INTERCERAMIC CEDAR STONE 6"X6" COLOR: DESERT DUNE GROUT: LATICRETE #81 BUTTER CREAM CONTACT: BUBBER RUTLAND 334.215.5700	SC CONCRETE WITH CLEAR FINISH	WPF-1 DESIGNTEX PATTERN: VELOCITY 4107-101 COLOR: PEARL CONTACT: KRISTI MURRAY 205.441.7487	SS-3 MEGANITE COLOR: CINDER GRANITE #679 CONTACT: KADY WATKINS 901.386.2375	HANDRAILS & BUMPERS: SATIN STAINLESS STEEL
			WPF-2 DESIGNTEX PATTERN: RINGLET 5119-801 COLOR: BASALT CONTACT: KRISTI MURRAY 205.441.7487		CAR AND HALL FIXTURES: STANDARD FIXTURES TO BE USED

- FINISH NOTES:**
- PAINT P-1 SHALL BE PAINTED ON ALL WALLS UNLESS NOTED OTHERWISE.
  - CENTER TILE IN ROOM/AREA.
  - CONTRACTOR SHALL ORDER PLASTIC LAMINATE IN LARGE SHEETS TO AVOID SEAMS.
  - PAINTER SHALL PAINT A SAMPLE OF EACH ACCENT PAINT IN LOCATIONS SPECIFIED PER FINISH PLANS FOR ARCHITECT'S APPROVAL.
  - SEE MOLDING DETAILS ON A11.1 FOR ALL CROWN MOLDING, BASE MOLDING, CHAIR RAIL, AND DOOR AND WINDOW CASINGS PROFILE DETAILS AND LOCATIONS.
  - PROVIDE TRANSITION STRIP WHERE TRANSITION OF FLOORING MATERIALS MEET. FLOAT CARPET UP TO METAL TRANSITION STRIP AS REQUIRED FOR A FLUSH TRANSITION BETWEEN CARPET, TRANSITION STRIP AND TILE.
  - PROVIDE PLASTIC LAMINATE TOE KICK AT ALL PLASTIC LAMINATE BASE CABINETS.
  - UNLESS OTHERWISE NOTED ON REFLECTED CEILING PLAN ALL CEILING GRID IS TO BE WHITE.
  - SEE A9.1, A9.2, A9.3 AND A9.4 FLOOR FINISH PLANS FOR TYPE OF BASE USED IN EACH AREA.
  - FOR QUARTZ COUNTERS, PROVIDE MANUFACTURER COLOR MATCHED JOINT ADHESIVES TO MINIMIZE SEAM APPEARANCE.
  - ALL ELECTRICAL OUTLETS, SWITCH PLATE COVER AND DEVICE COLOR SHALL BE SELECTED BY DESIGNER. CONTRACTOR SHALL SUBMIT SAMPLE OF ALL OPTIONS FOR APPROVAL.
  - ALL WALL PAINT FINISH TO BE EGGSHELL. ALL CEILING PAINT FINISH TO BE FLAT. ALL WOOD TRIM FINISH TO BE SEMI-GLOSS UNLESS OTHERWISE NOTED.
  - CABINET HARDWARE FINISH SHALL BE BRUSHED NICKEL FOR ALL CABINETS ON THE 2ND AND 3RD FLOORS. ALL CABINET HARDWARE ON THE FIRST LEVEL SHALL BE OIL RUBBED BRONZE.
  - IN RESTROOMS 220, 231, 232, 330, AND 331, WALL TILE SHALL BE INSTALLED AS SHOWN ON INTERIOR ELEVATIONS ON A10.1 AND A10.2. THE 6"X6" WALL TILE SHALL EXTEND 40" AFF. QUARTER ROUND SHALL BE INSTALLED OVER 6"X6" WALL TILE FOLLOWED BY 4" OF 12"X12" MOSAIC SERPENTINE, FOLLOWED BY TORELLO V-CAP TRIM PIECE. IF CUT TILES ARE REQUIRED, CUT TILES SHALL APPEAR AT BOTTOM.
  - IN WOMENS RESTROOM 106, WALL TILE SHALL BE INSTALLED AS SHOWN ON INTERIOR ELEVATIONS 2/A10.3 AND 3/A10.3. 7"X7" WALL TILE SHALL EXTEND 40" AFF; HALF ROUND SHALL BE INSTALLED OVER 7"X7" WALL TILE, FOLLOWED BY 4" OF 1"X1" MOSAICS, FOLLOWED BY CHAIR RAIL. IF CUT TILES ARE REQUIRED, CUT TILES SHALL APPEAR AT BOTTOM.
  - CUSTOM CUT CREST IN ENTRY HALL 104 SHALL CONSIST OF DALTILE NATURAL STONE CUSTOM CUT BY WATER'S EDGE OR EQUAL MANUFACTURER. DALTILE TO PROVIDE MATERIAL TO FABRICATOR. SEE ENLARGED PLAN ON A9.5 FOR MATERIAL PLACEMENT.
  - ALL AREAS WITH CERAMIC TILE SHALL HAVE DOUBLE LAYERED WATERPROOF MEMBRANE INSTALLED PER SPECIFICATIONS, EXCEPT FOR AREAS WHERE TILE IS INSTALLED SLAB ON GRADE. TURN WATERPROOF MEMBRANE UP ALL TO 1" BELOW TOP OF TILE BASE OR 6" BEHIND WALL TILE.**
  - REFER TO FLOOR FINISH PLANS FOR TYPE OF TRANSITION STRIPS BETWEEN CHANGE OF FLOORING MATERIALS.
  - CJ = GYPSUM BOARD CONTROL JOINT. SEE SPECIFICATIONS.



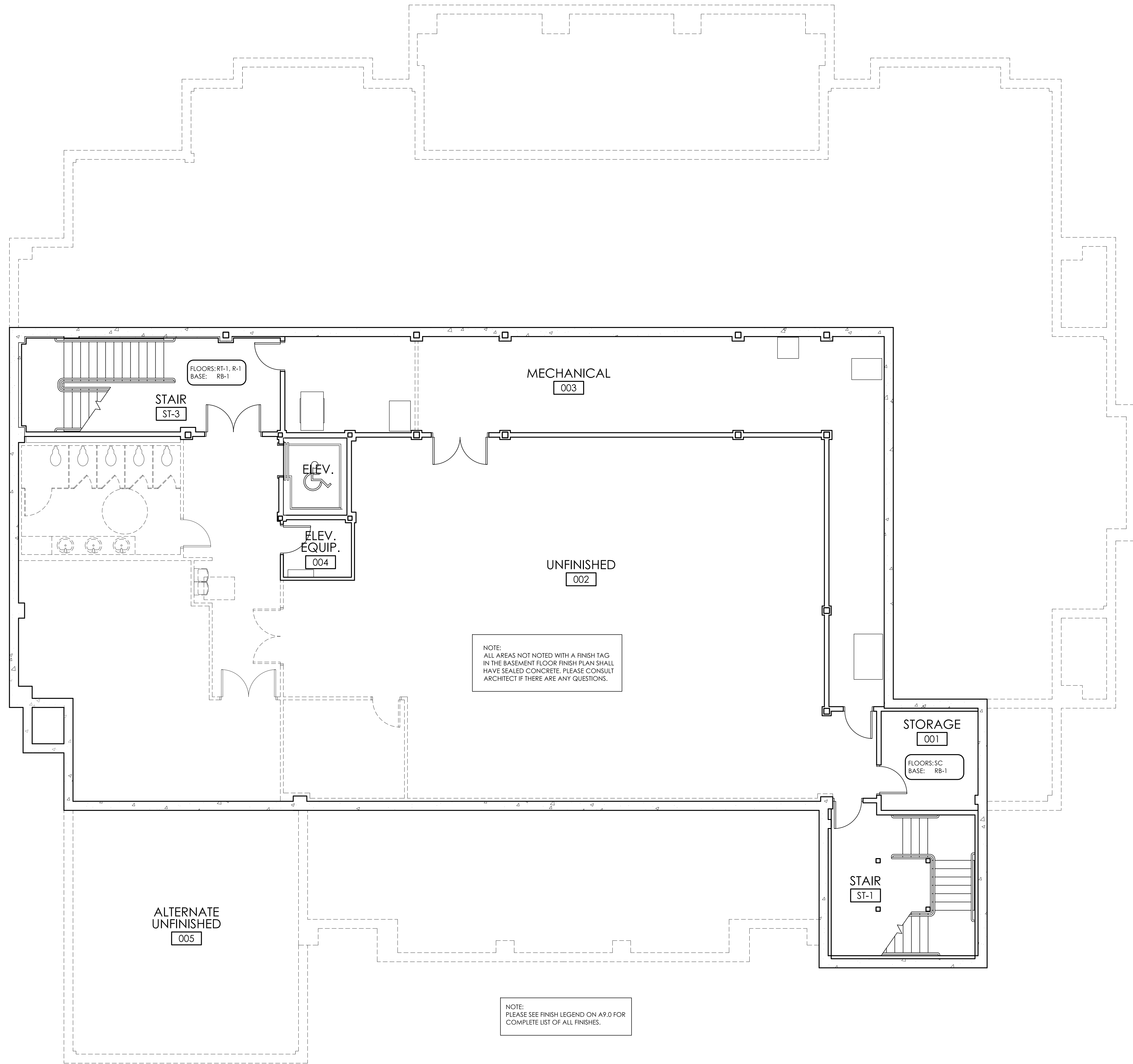
New Sorority House For  
**BETA PSI CHAPTER OF  
DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

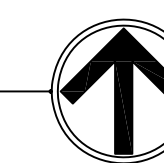
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	LCR
Finish Legend	
SHEET NUMBER	A9.0



1  
A9.1

FLOOR FINISH PLAN - BASEMENT FLOOR

3/16" = 1'-0"

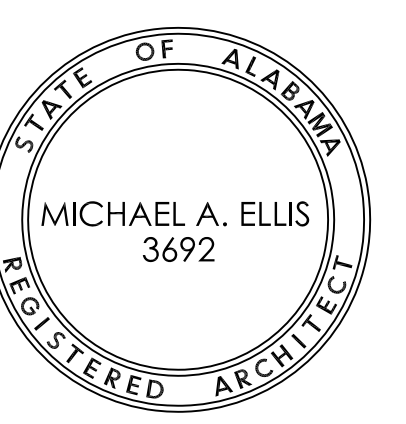


Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all  
intellectual rights and ownership of all  
information contained on these  
documents. Ellis Architects, Inc. and  
its consultants shall be deemed the  
authors and owners of their  
respective Instruments of Service and  
shall retain all common law, statutory  
and other reserved rights, including  
copyrights. This document shall not  
be reproduced without the written  
authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions  
prior to construction.

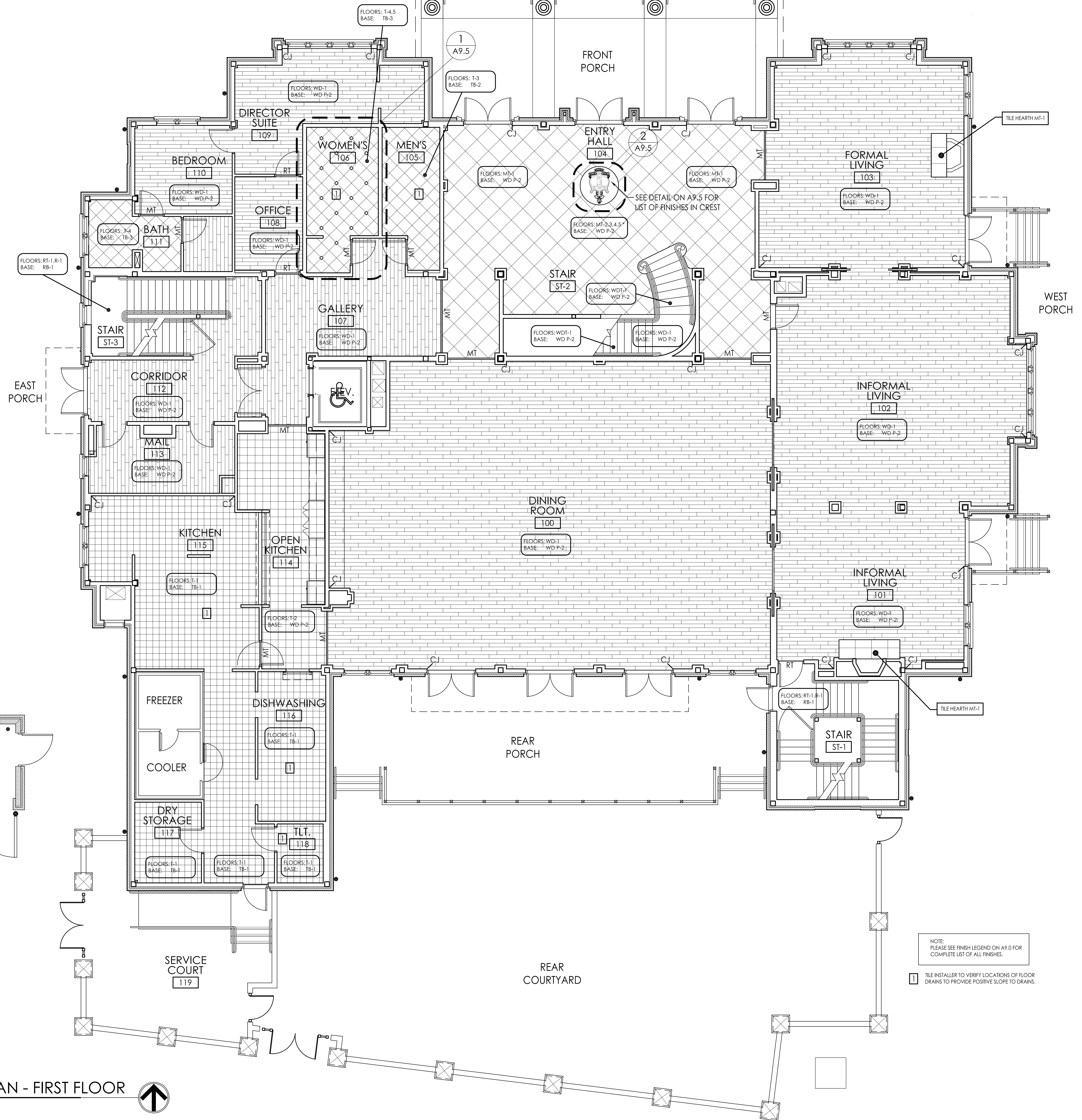
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	LCR

Floor Finish  
Plan - Bsmnt  
SHEET  
NUMBER  
A9.1

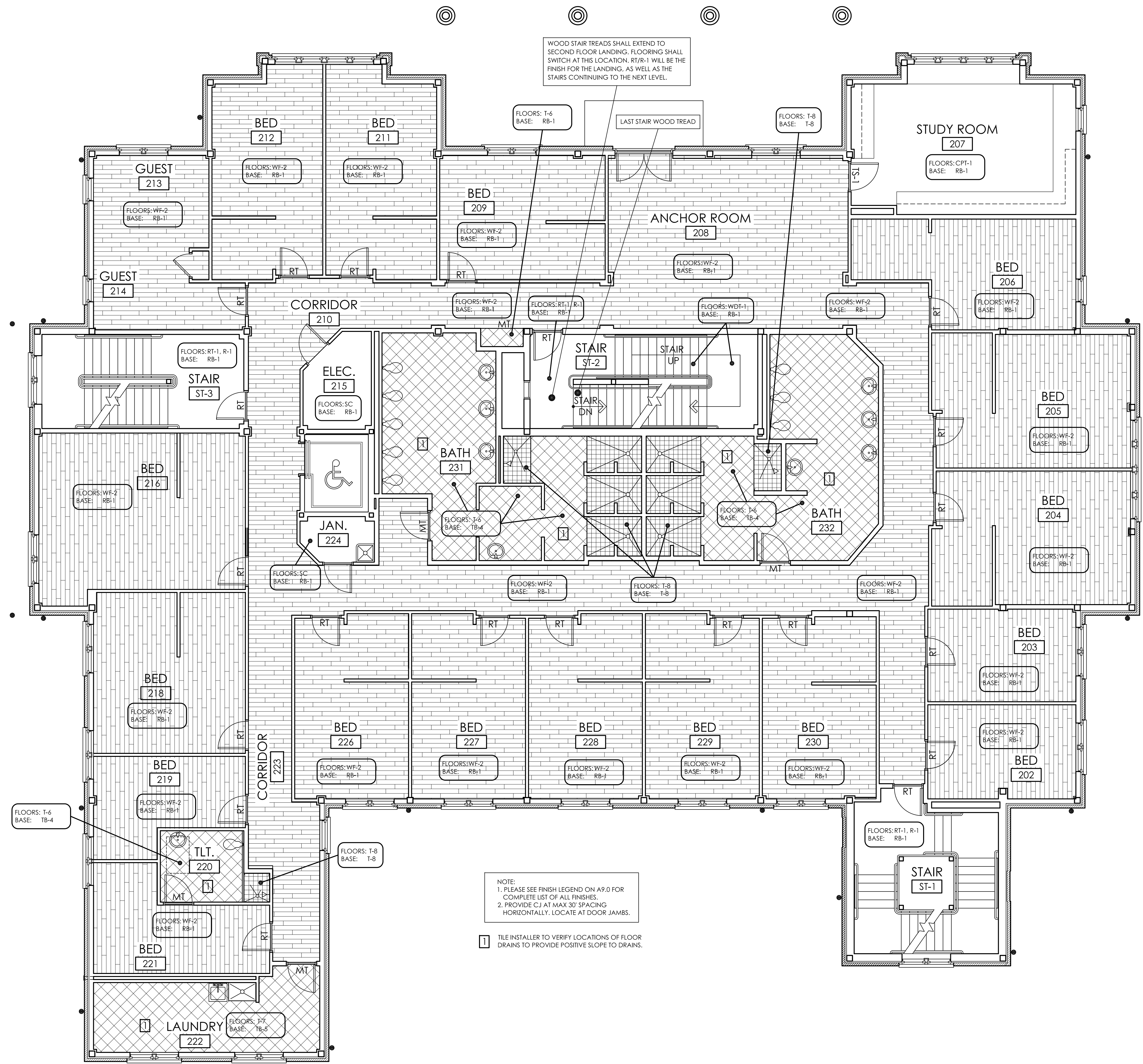


Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

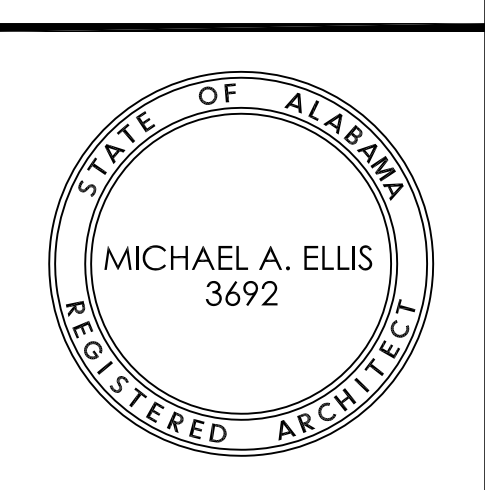
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	LCR
Floor Finish Plan - First Flr	
SHEET NUMBER	A9.2



**1**  
A9.2 FLOOR FINISH PLAN - FIRST FLOOR  
3/16" = 1'-0"



**1** FLOOR FINISH PLAN - SECOND FLOOR  
**A9.3** 3/16" = 1'-0"

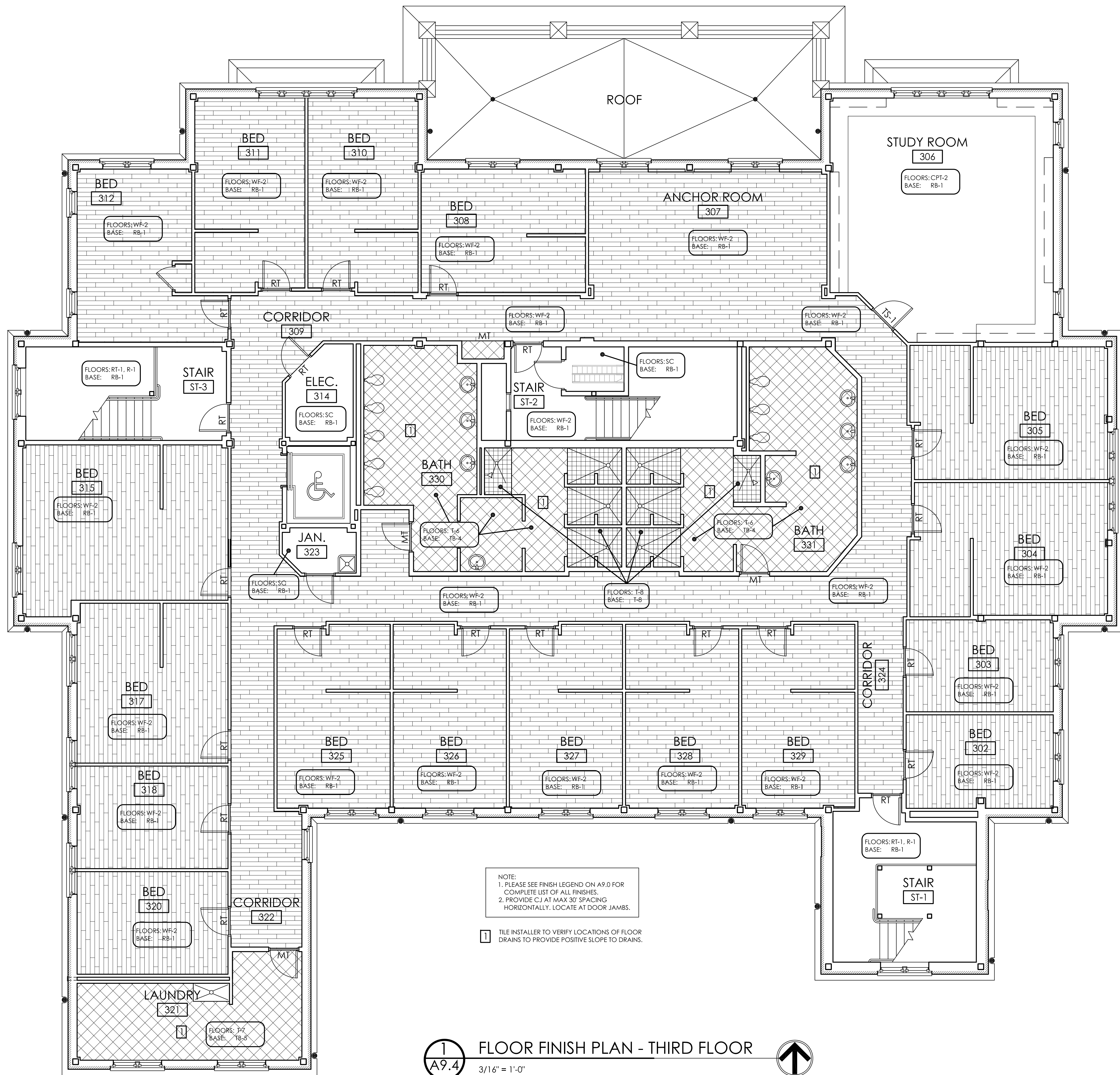


Copyright © 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	LCR
Floor Finish Plan - Sec. Flr.	
SHEET NUMBER	A9.3



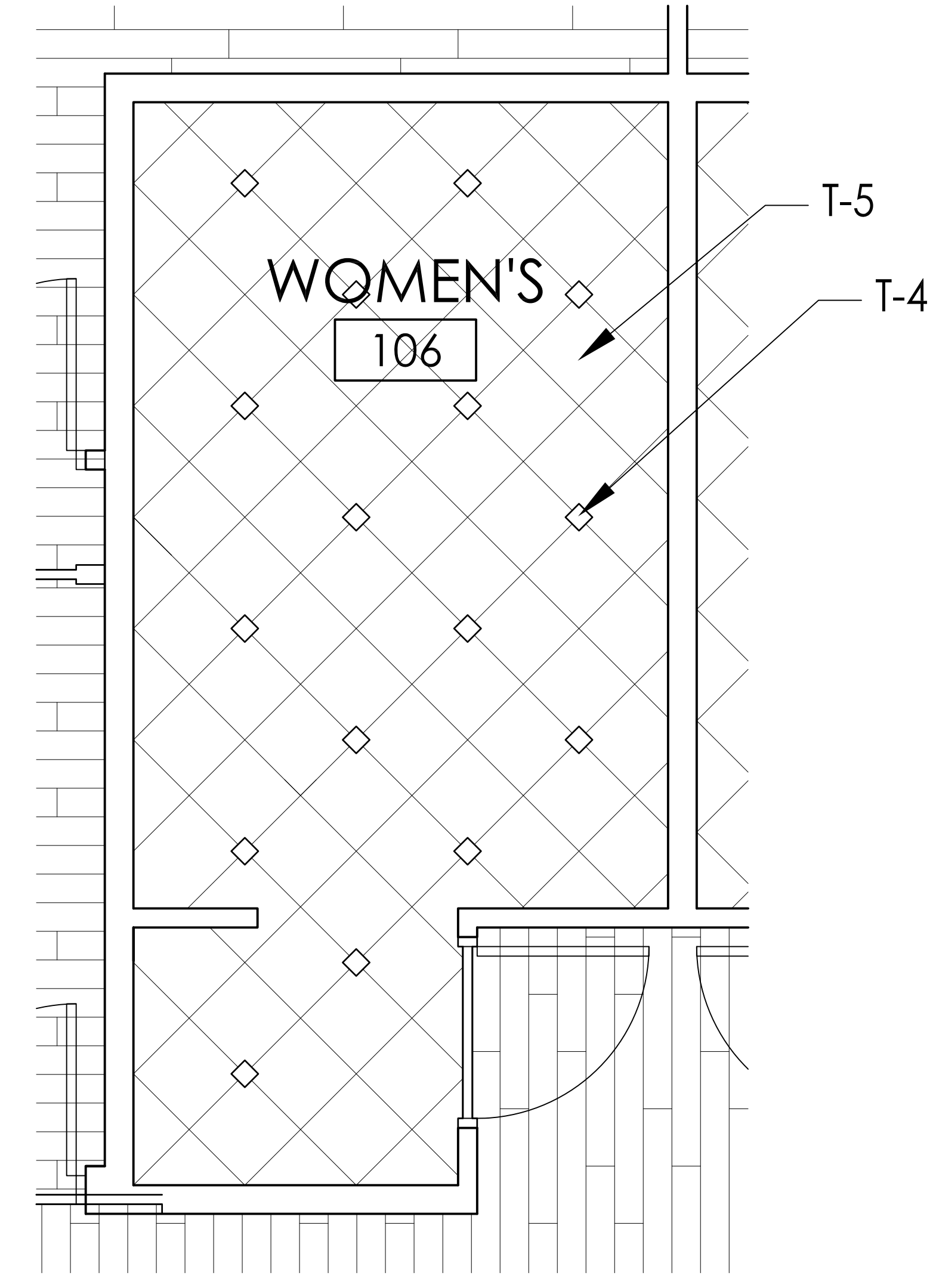


**1**  
A9.4 FLOOR FINISH PLAN - THIRD FLOOR  
3/16" = 1'-0"



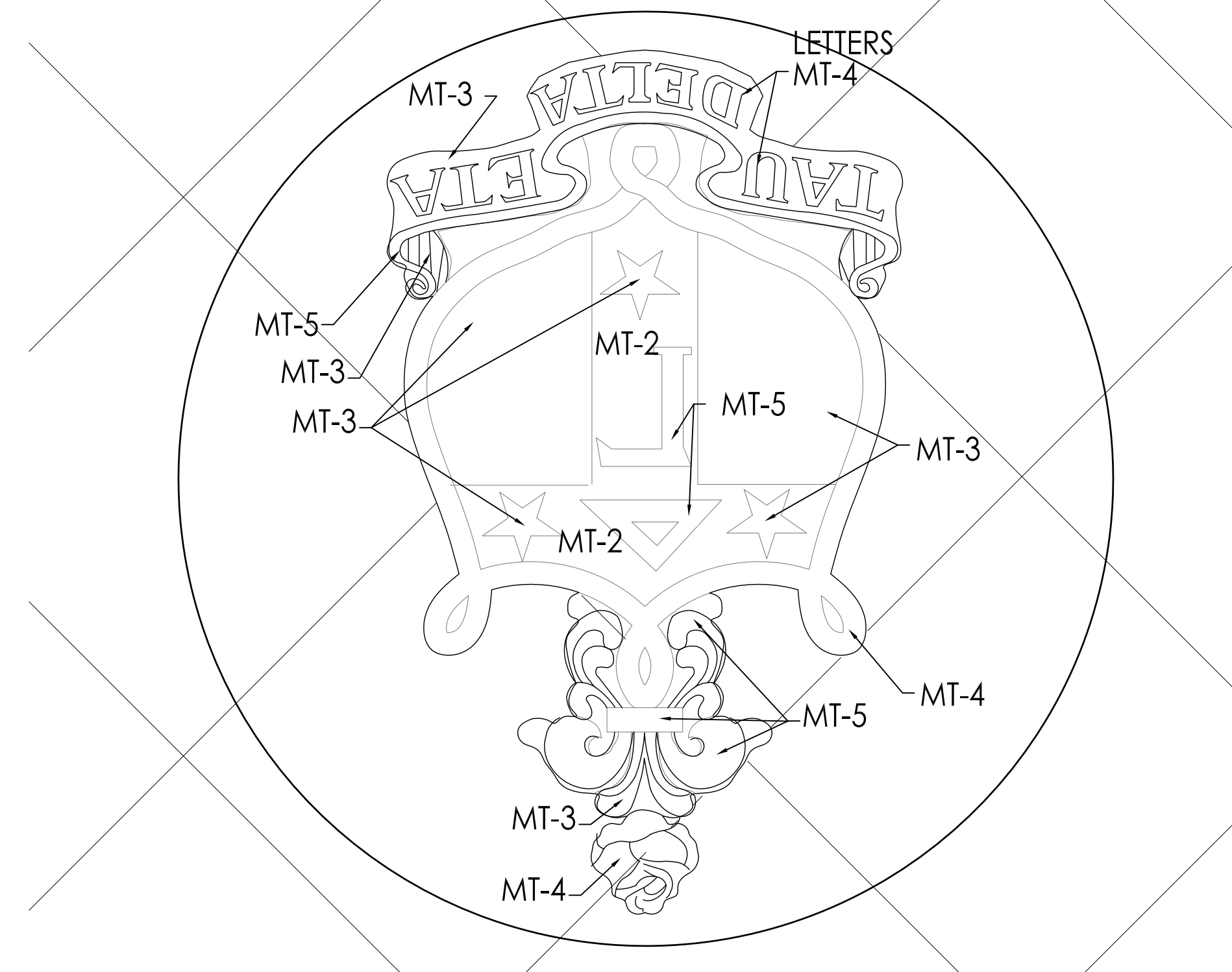
Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	LCR
Floor Finish Plan - Thrd. Flr.	
SHEET NUMBER	A9.4



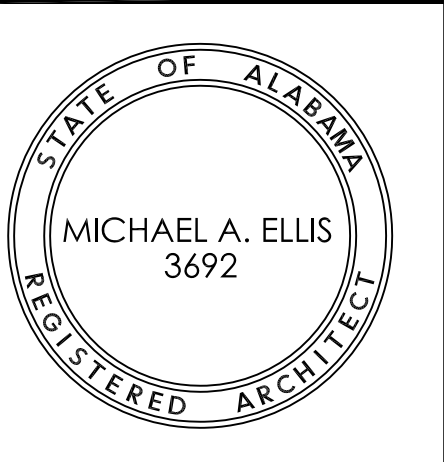
FLOORS: T-4,5  
BASE: TB-3

1  
A9.5  
ENLARGED PLAN  
WOMENS RESTROOM 106  
1/2" = 1'-0"



2  
A9.5  
ENLARGED PLAN ENTRY  
HALL 104 CUSTOM CUT CREST  
1 1/2" = 1'-0"

CREST SHALL CONSIST OF DALTILE NATURAL STONE CUSTOM CUT CREST BY WATER'S EDGE OR EQUAL MANUFACTURER. DALTILE TO PROVIDE MATERIAL TO FABRICATOR. COORDINATE INSTALLATION OF CREST WITH CHANDELIER. ABOVE. CREST TO BE CENTERED ON CHANDELIER.

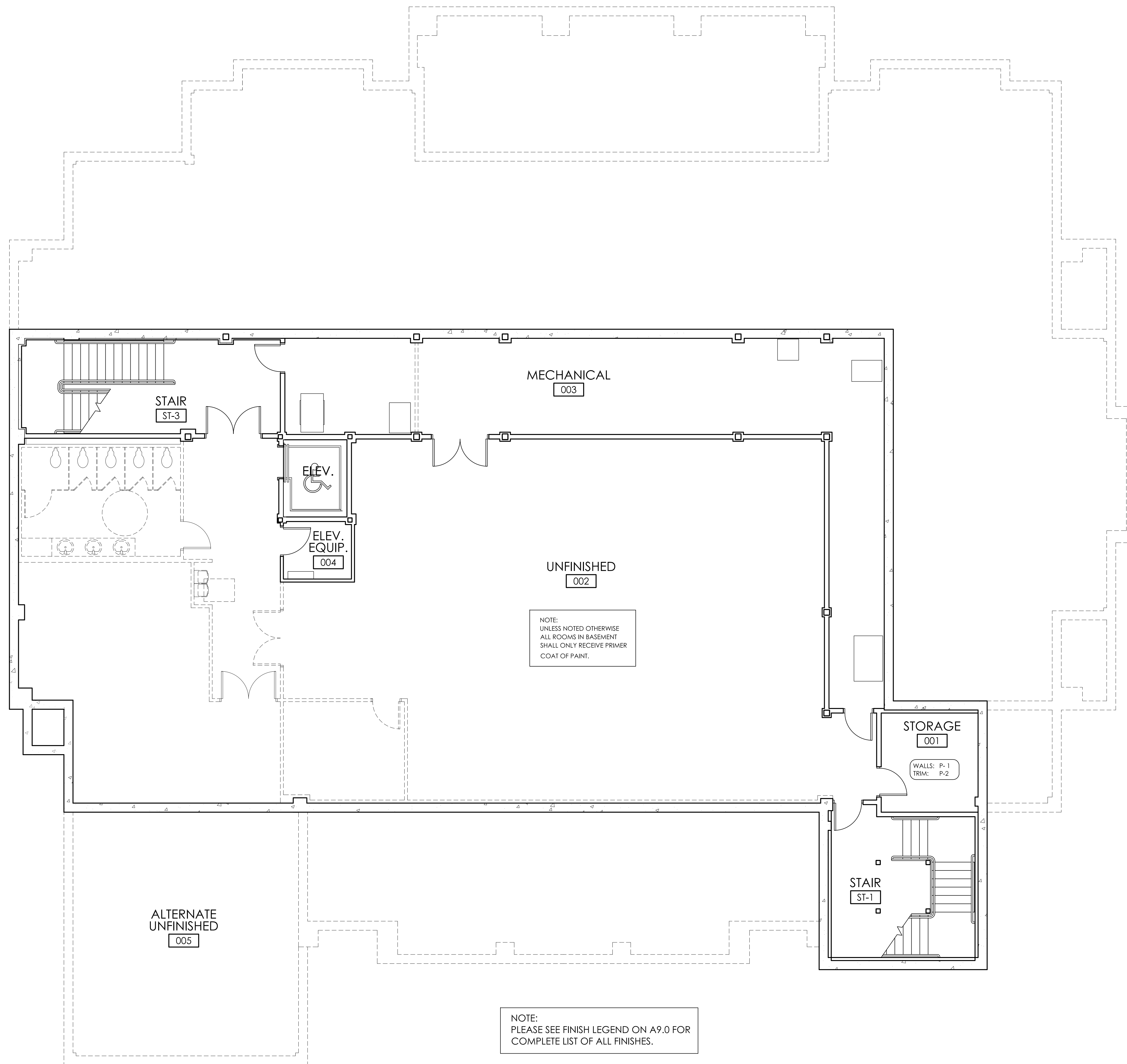


Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	LCR

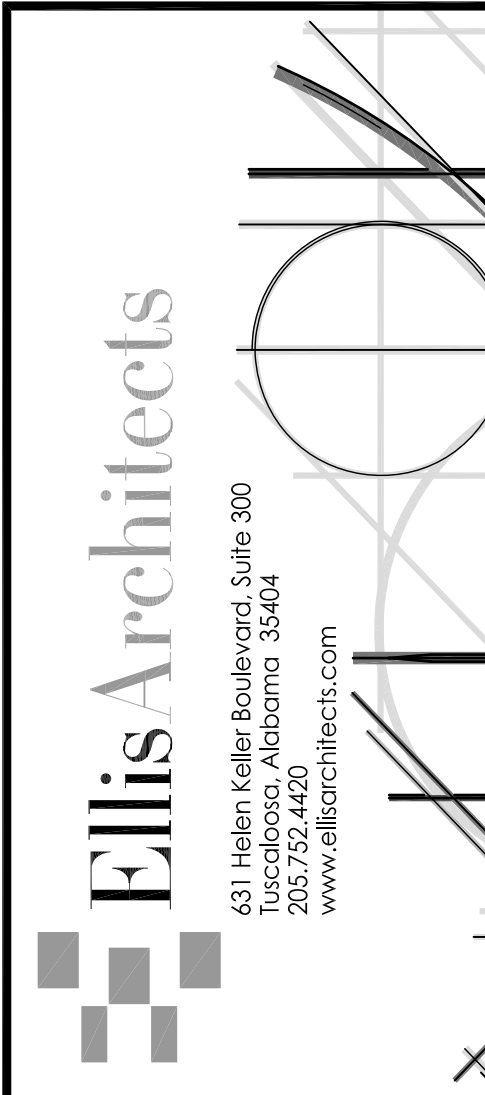
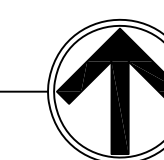
Floor Finish  
Enlarged Plns  
SHEET NUMBER  
A9.5



1  
A9.6

WALL & CEILING FINISH PLAN - BASEMENT FLOOR

3/16" = 1'-0"

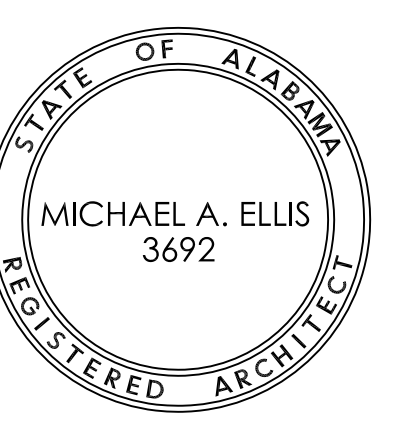


New Sorority House For  
**BETA PSI CHAPTER OF  
 DELTA GAMMA**  
 THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
 Tuscaloosa, Alabama



Copyright © 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
 Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

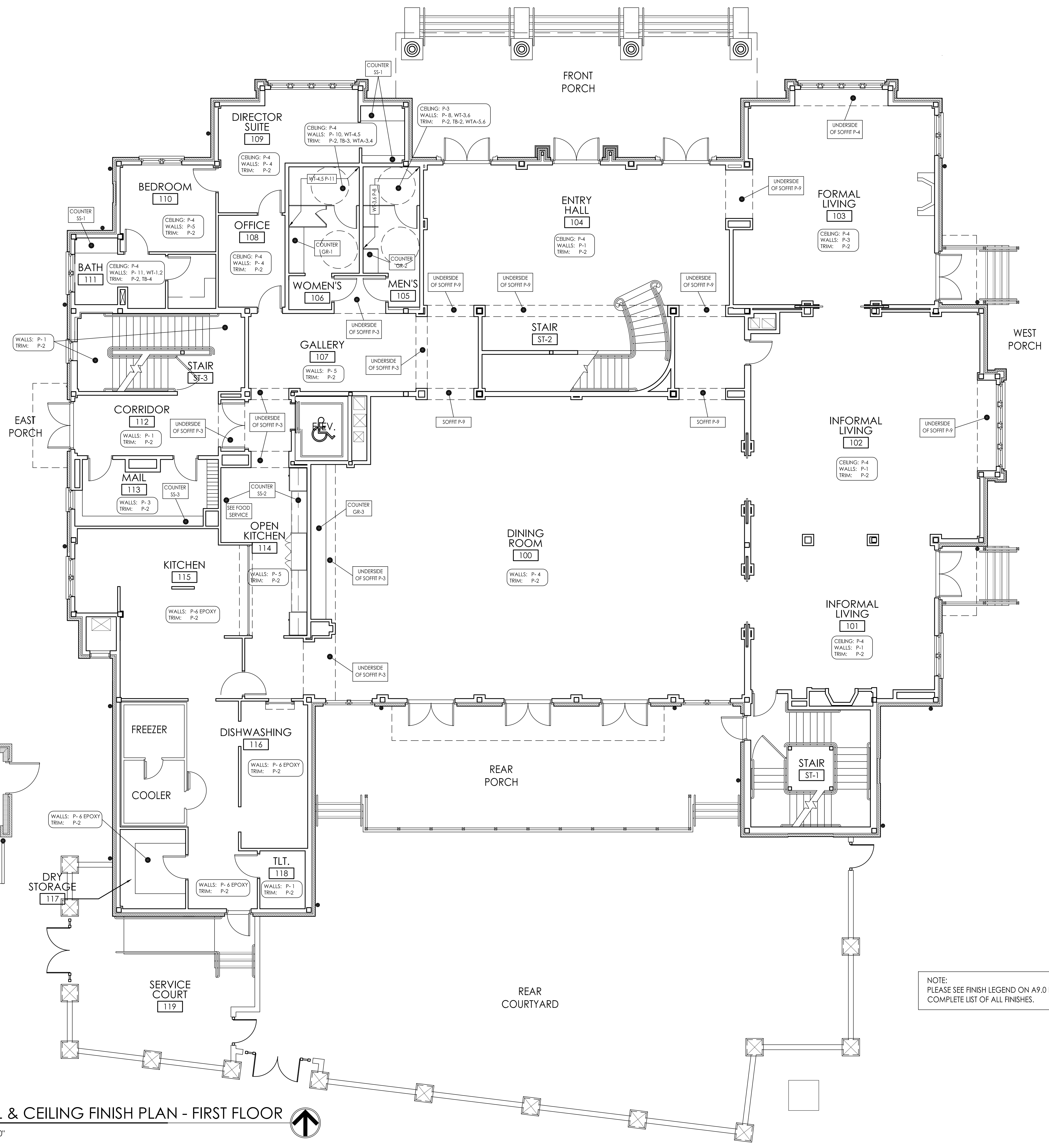
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	LCR
Wall/Clg Finish Plan - Basement	
SHEET NUMBER	A9.6



Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

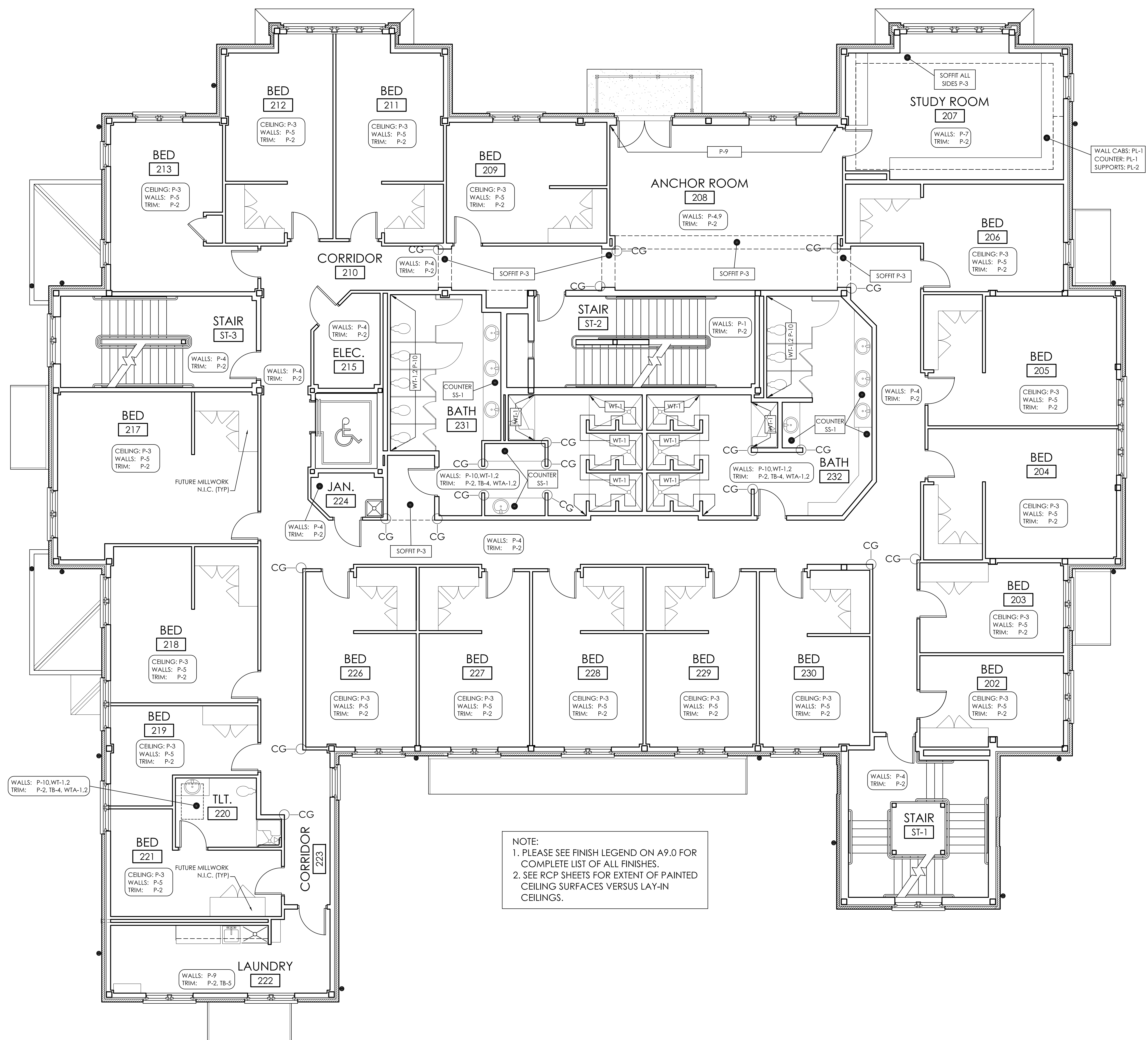
Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	LCR
Wall/Clg Finish Plan - First Fir	
SHEET NUMBER	A9.7



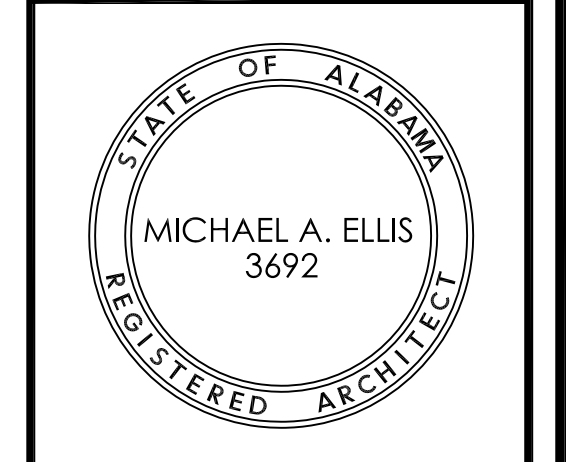
NOTE:  
PLEASE SEE FINISH LEGEND ON A9.0 FOR  
COMPLETE LIST OF ALL FINISHES.

**1**  
A9.7  
WALL & CEILING FINISH PLAN - FIRST FLOOR  
3/16" = 1'-0"



NOTE:  
 1. PLEASE SEE FINISH LEGEND ON A9.0 FOR COMPLETE LIST OF ALL FINISHES.  
 2. SEE RCP SHEETS FOR EXTENT OF PAINTED CEILING SURFACES VERSUS LAY-IN CEILINGS.

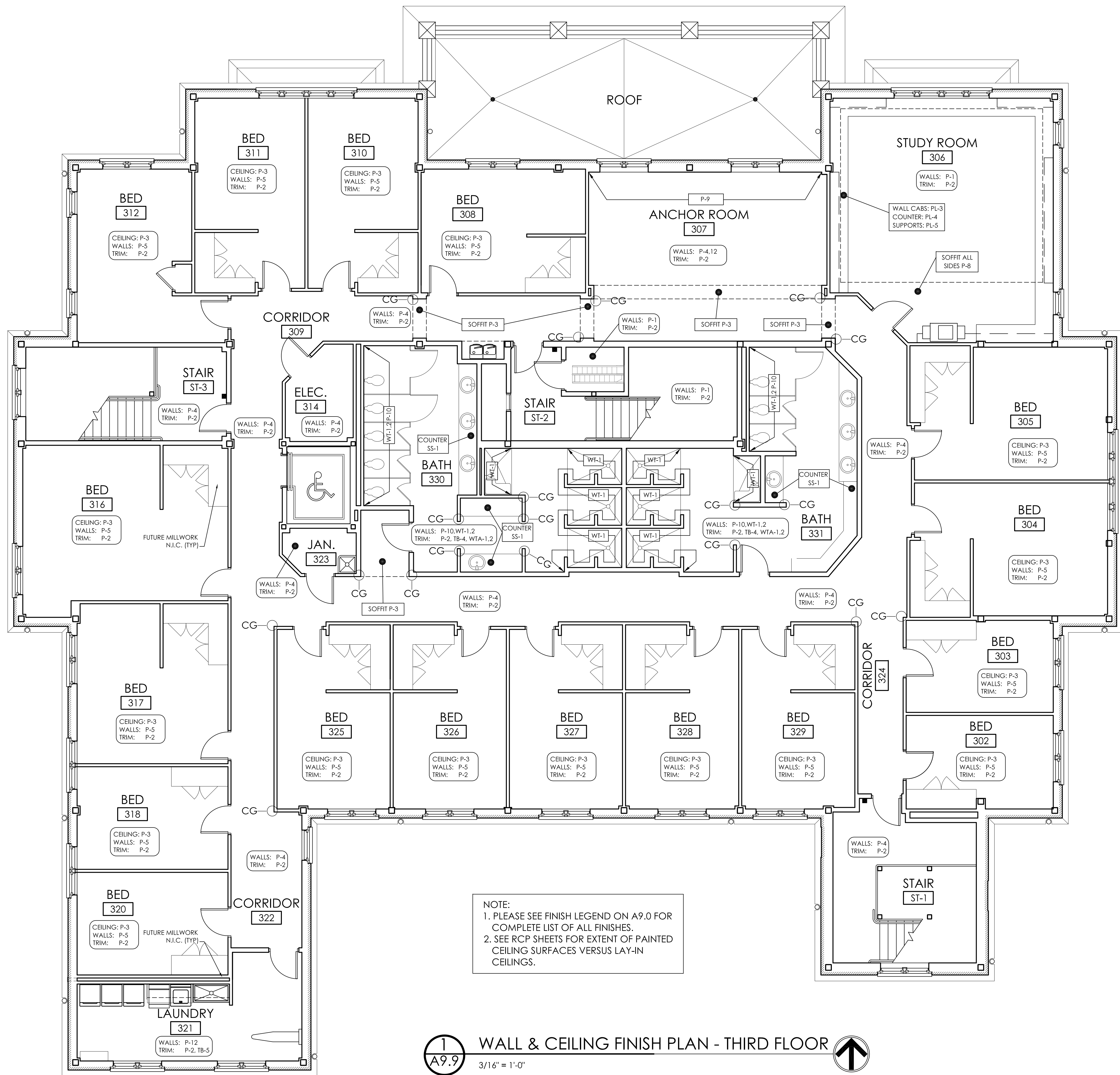
**1** WALL & CEILING FINISH PLAN - SECOND FLOOR  
 A9.8 3/16" = 1'-0"



Copyright © 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	LCR
Wall/Clg Finish Plan - Second Floor	
SHEET NUMBER	A9.8



**1**  
**A9.9** WALL & CEILING FINISH PLAN - THIRD FLOOR

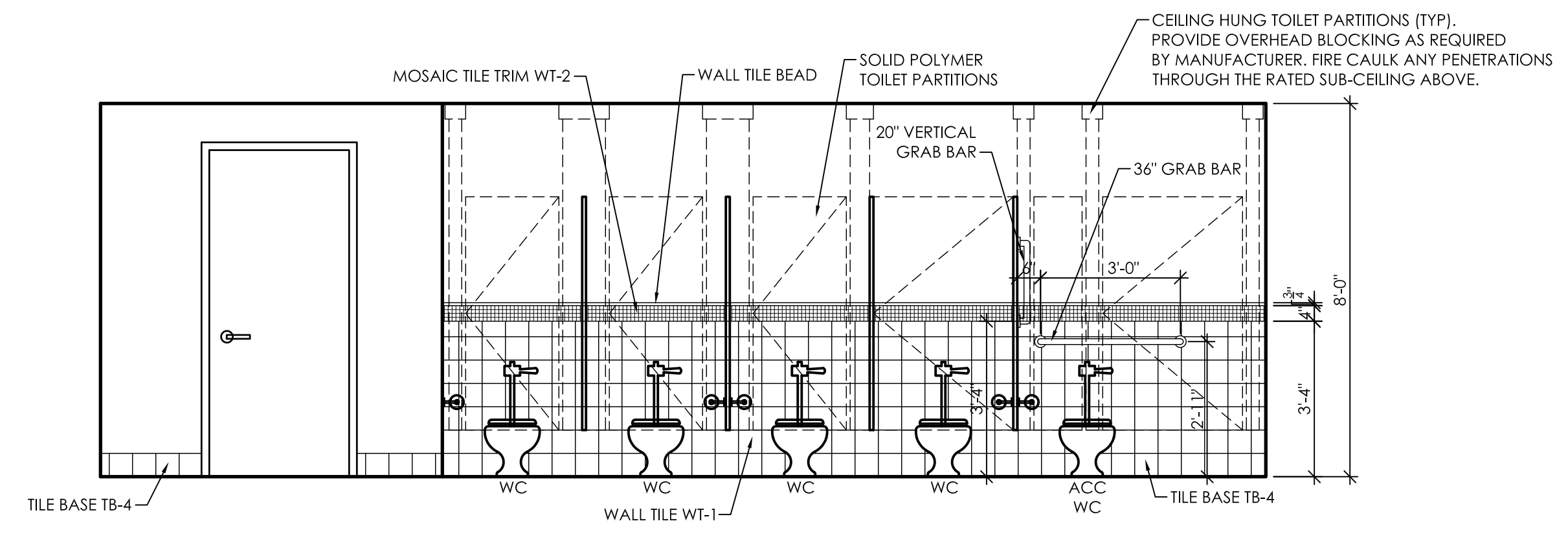
3/16" = 1'-0"



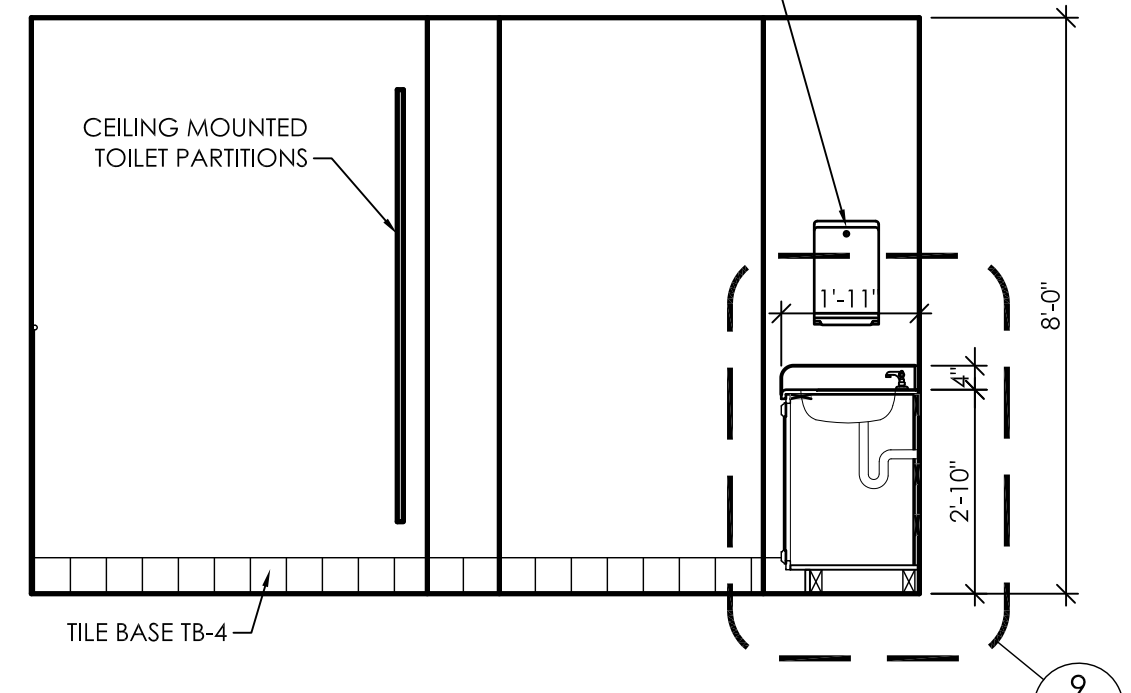
Copyright © 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

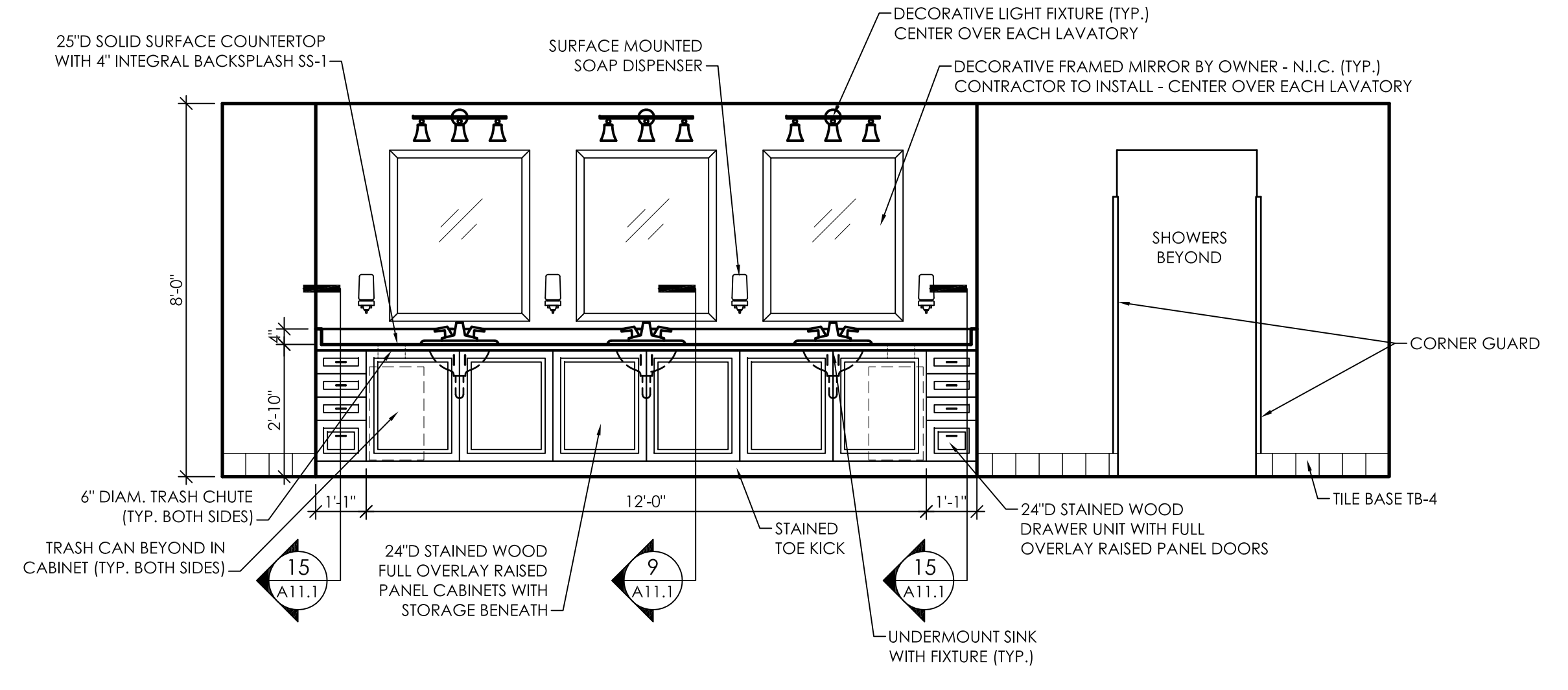
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	LCR
Wall/Clg Finish Plan - Third Fir	
SHEET NUMBER	A9.9



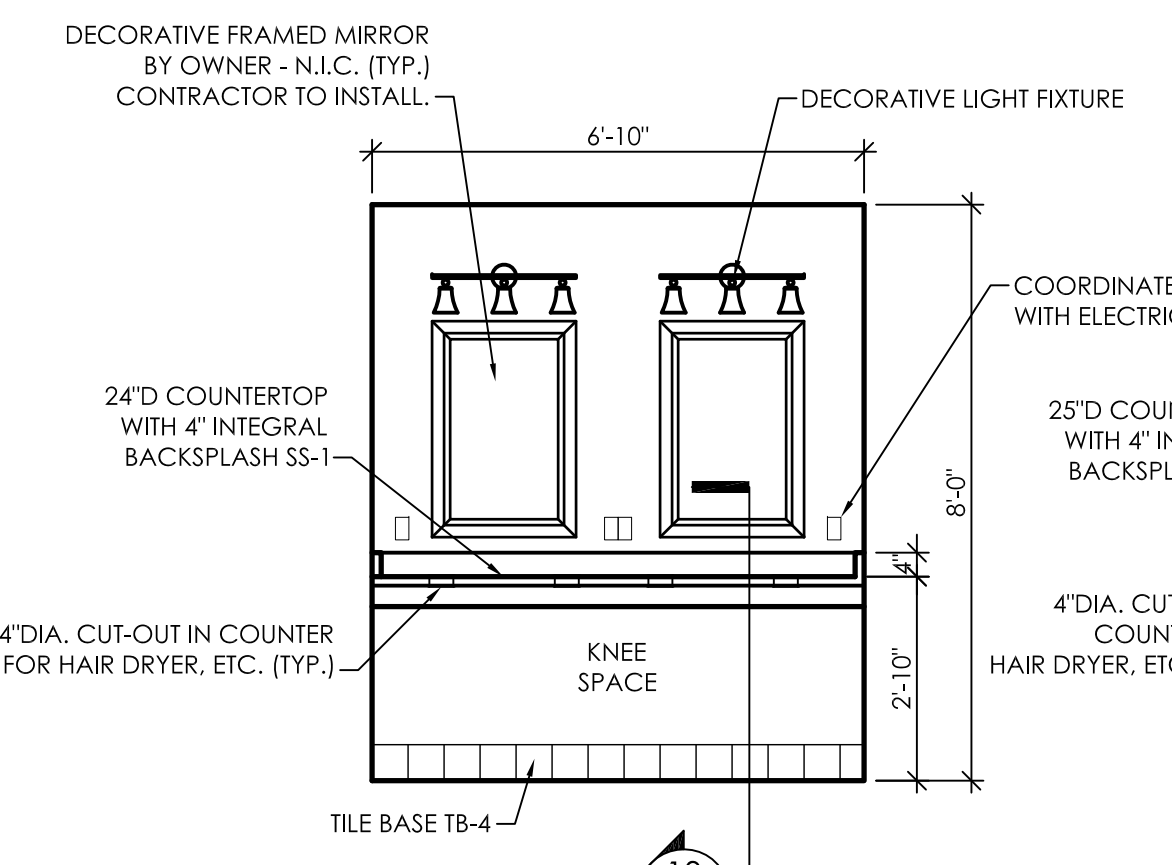
1 Interior Elevation Restroom 231, 330  
 A10.1 3/8" = 1'-0"



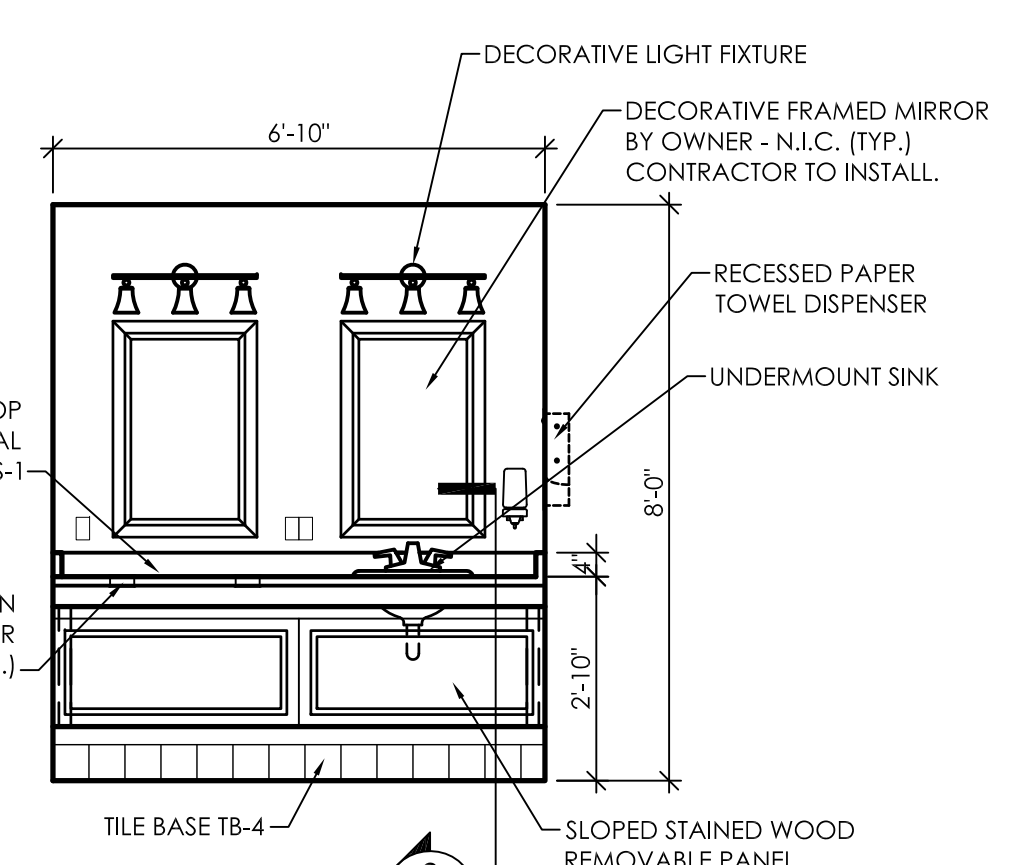
2 Interior Elevation Restroom 231, 330  
 A10.1 3/8" = 1'-0"



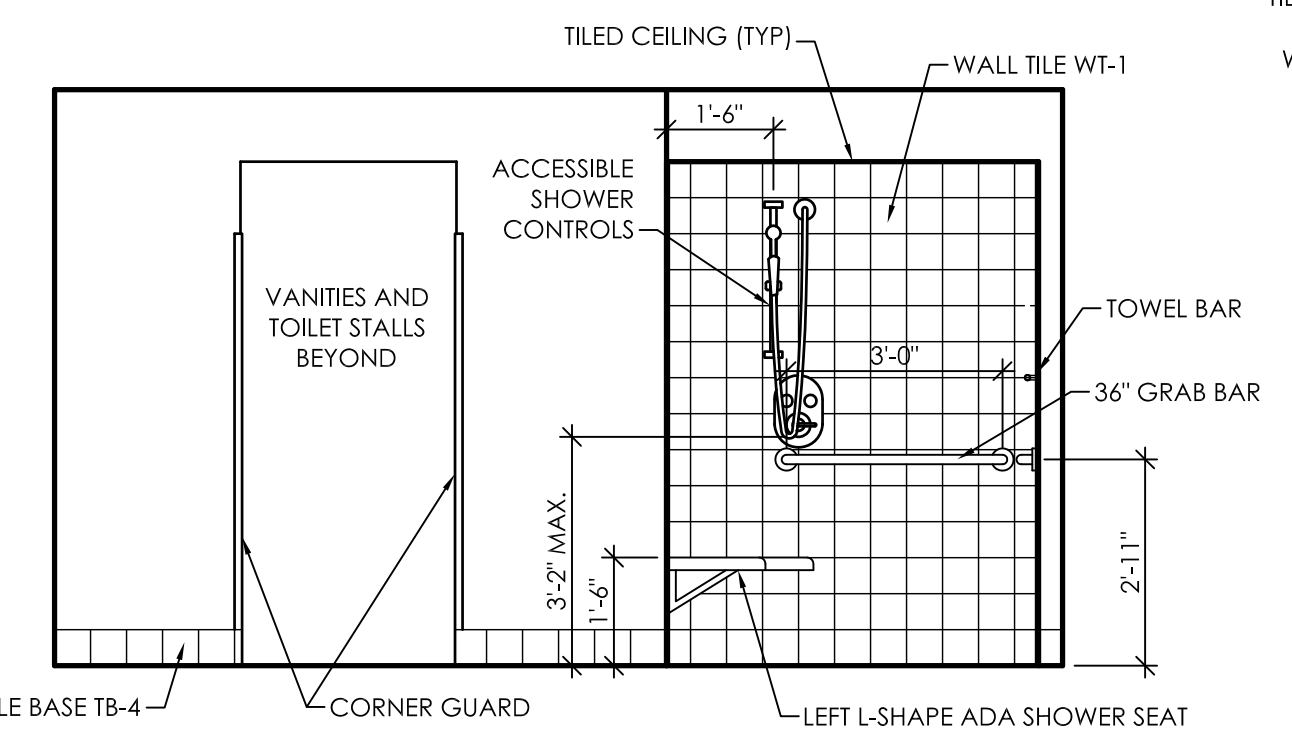
3 Interior Elevation Restroom 231, 330  
 A10.1 3/8" = 1'-0"



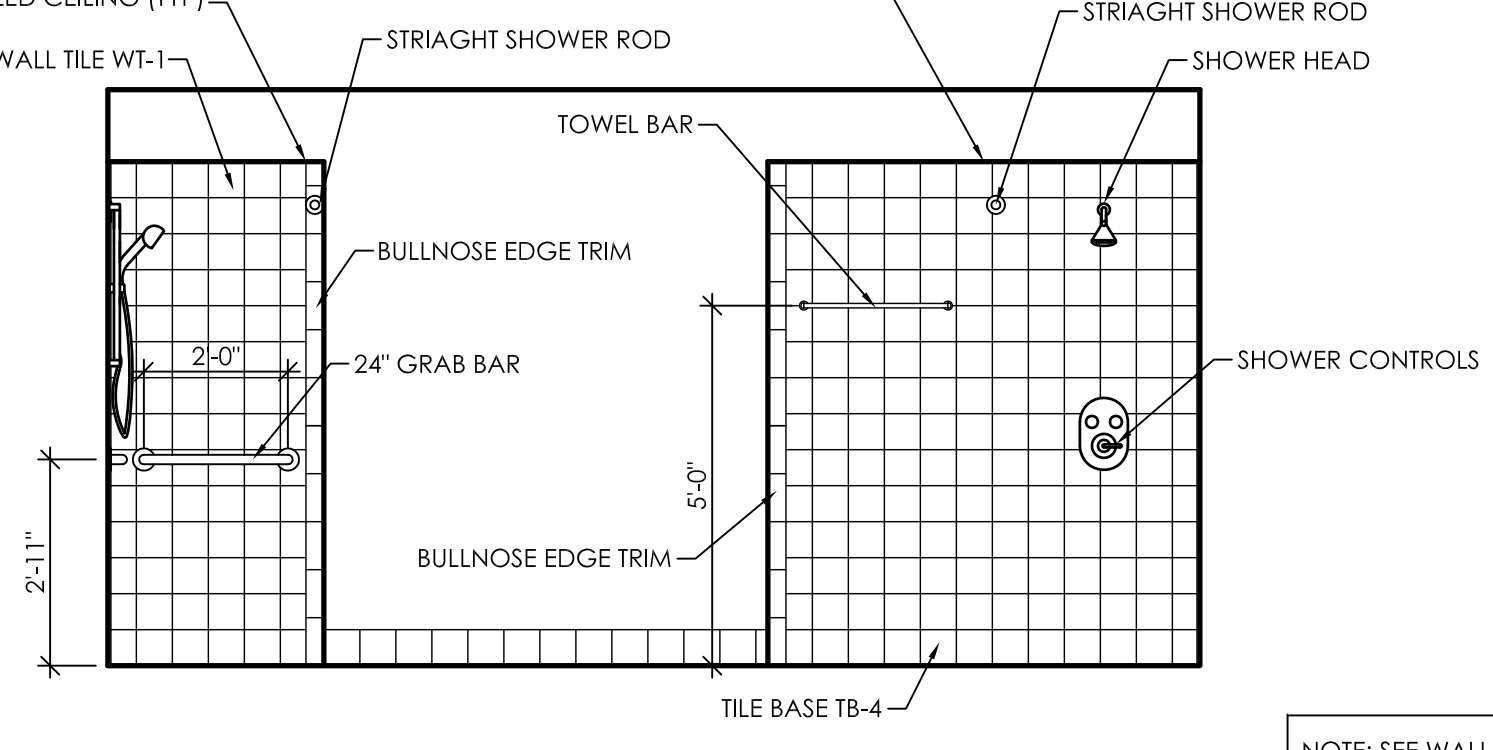
4 Interior Elevation Restroom 231, 330  
 A10.1 3/8" = 1'-0"



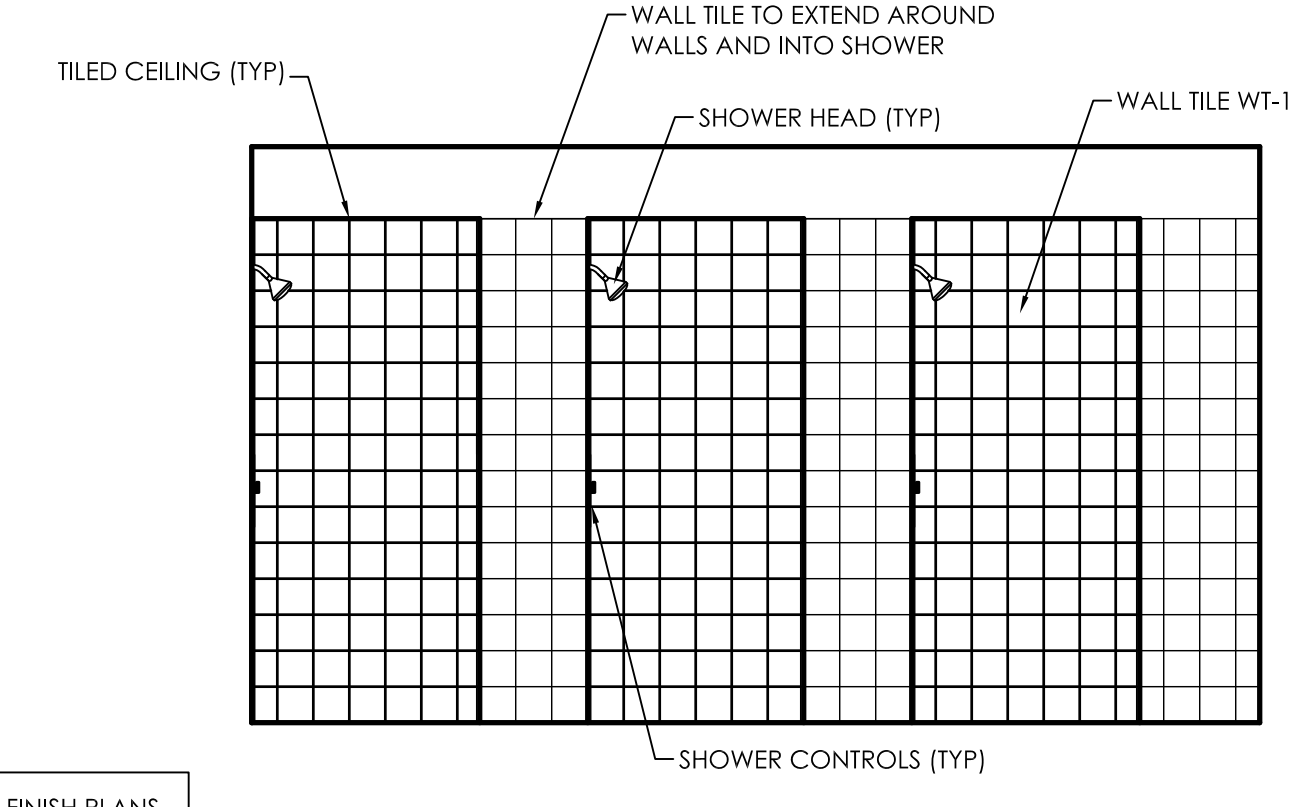
5 Interior Elevation Restroom 231, 330  
 A10.1 3/8" = 1'-0"



6 Interior Elevation Restroom 231, 330  
 A10.1 3/8" = 1'-0"

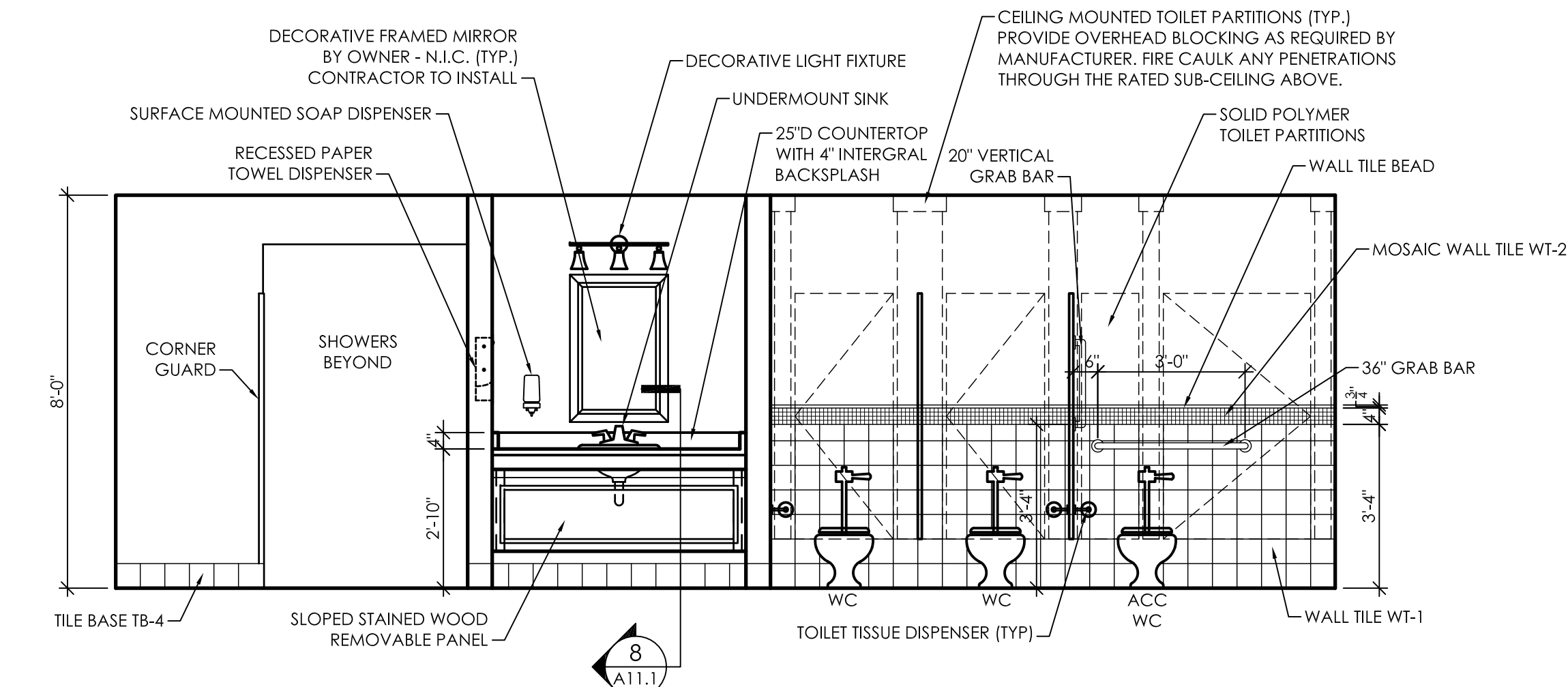


7 Interior Elevation Restroom 231, 330  
 A10.1 3/8" = 1'-0"

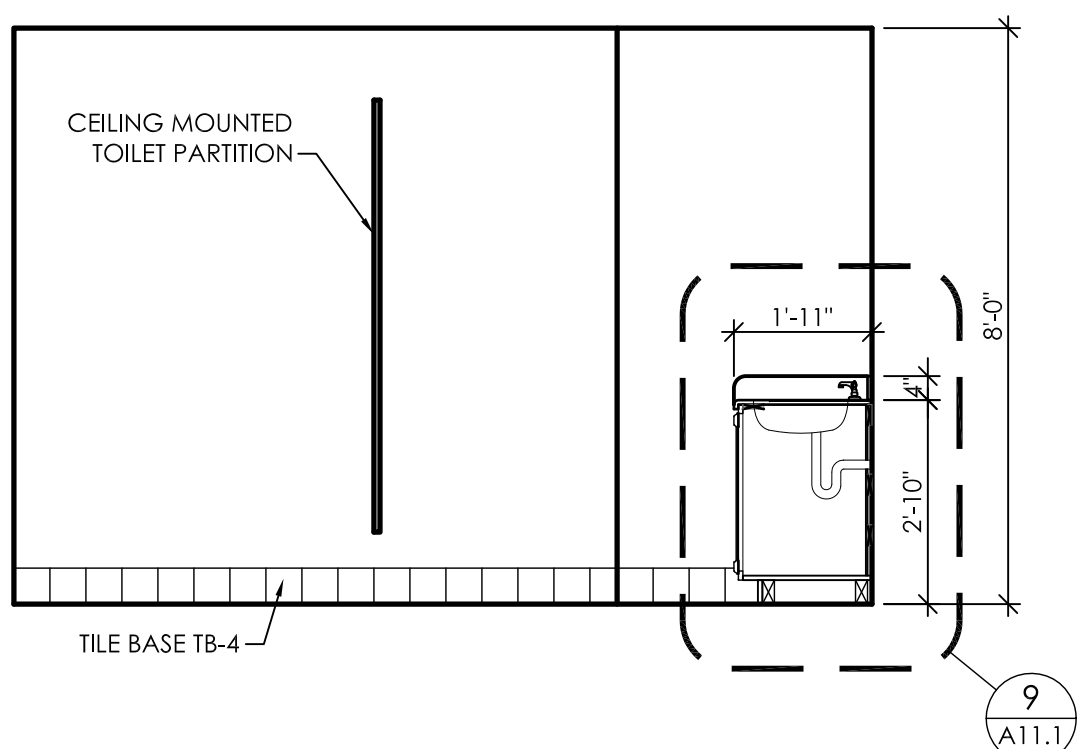


8 Interior Elevation Restroom 231, 330  
 A10.1 3/8" = 1'-0"

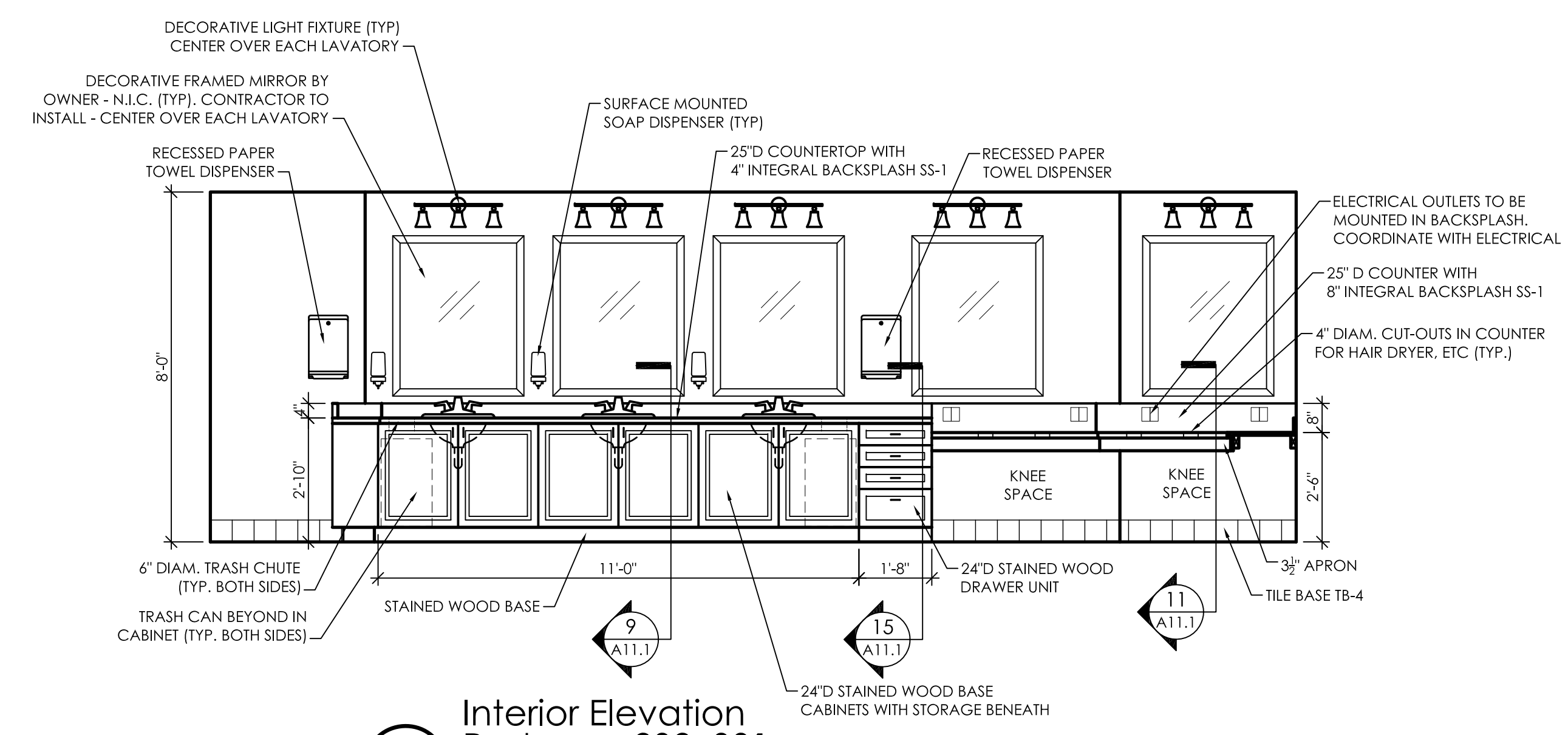
NOTE: SEE WALL FINISH PLANS A9.8 AND A9.9 FOR LOCATION OF WALL TILE IN RESTROOMS.



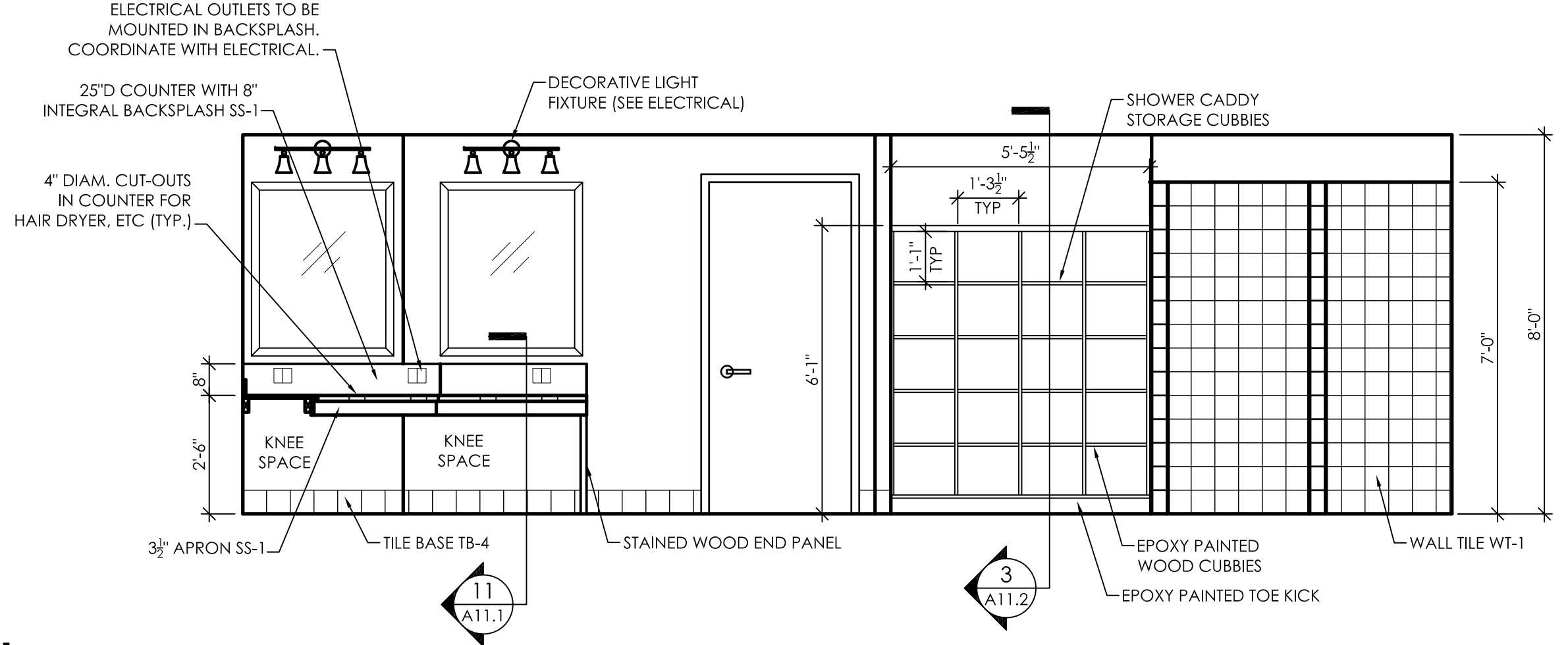
9 Interior Elevation Restroom 232, 331  
 A10.1 3/8" = 1'-0"



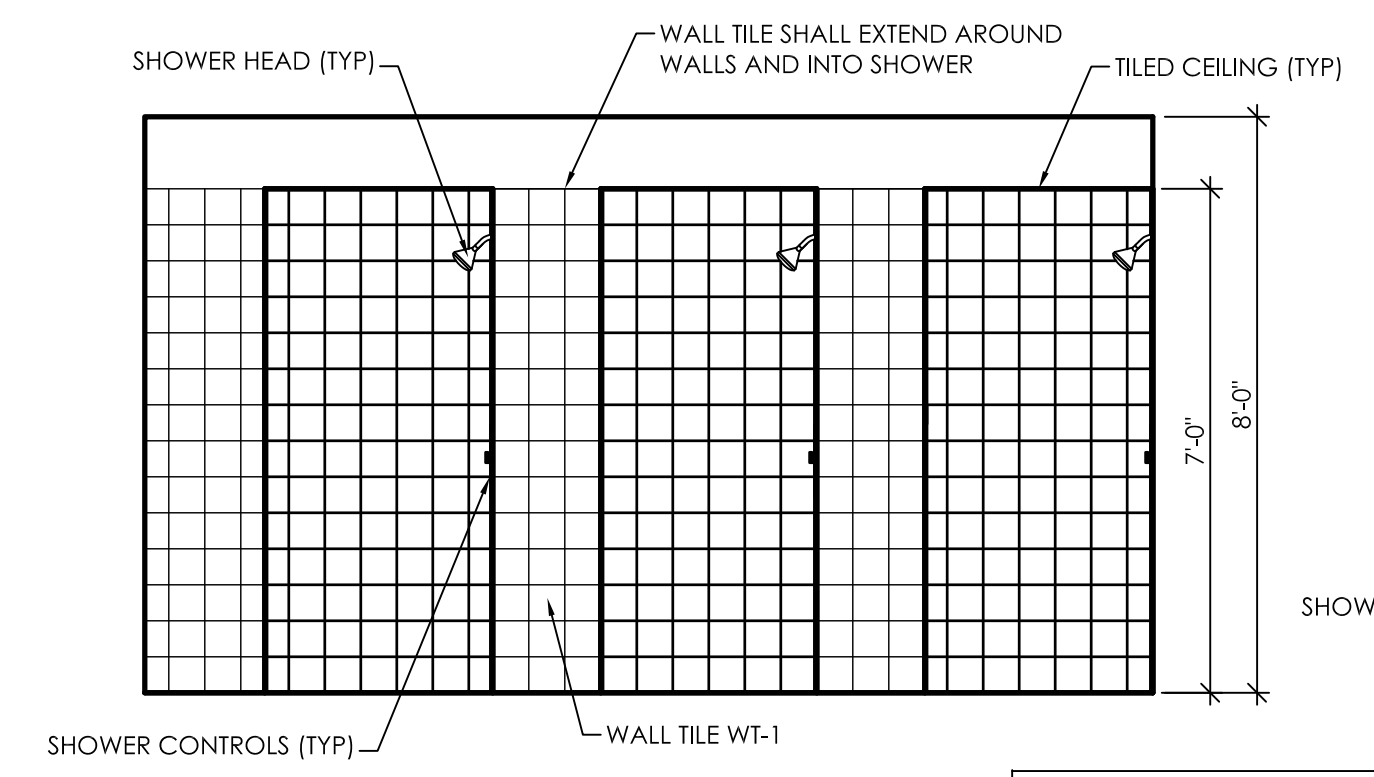
10 Interior Elevation Restroom 232, 331  
 A10.1 3/8" = 1'-0"



11 Interior Elevation Restroom 232, 331  
 A10.1 3/8" = 1'-0"

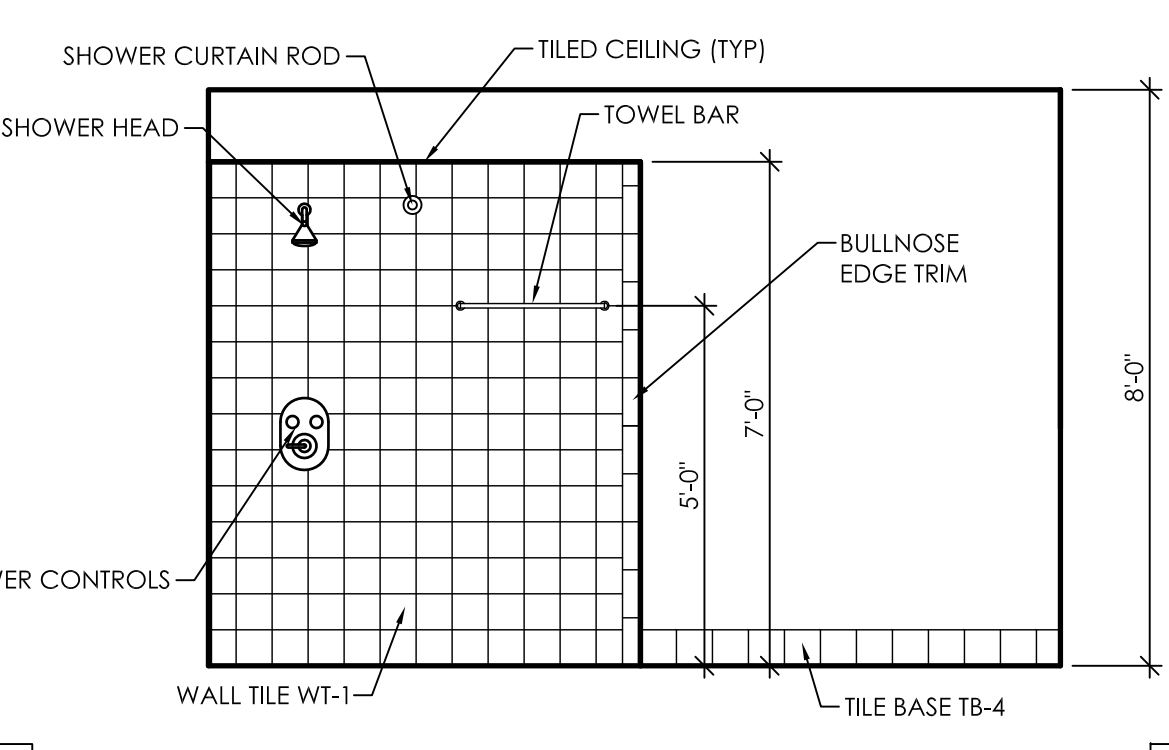


12 Interior Elevation Restroom 232, 331  
 A10.1 3/8" = 1'-0"



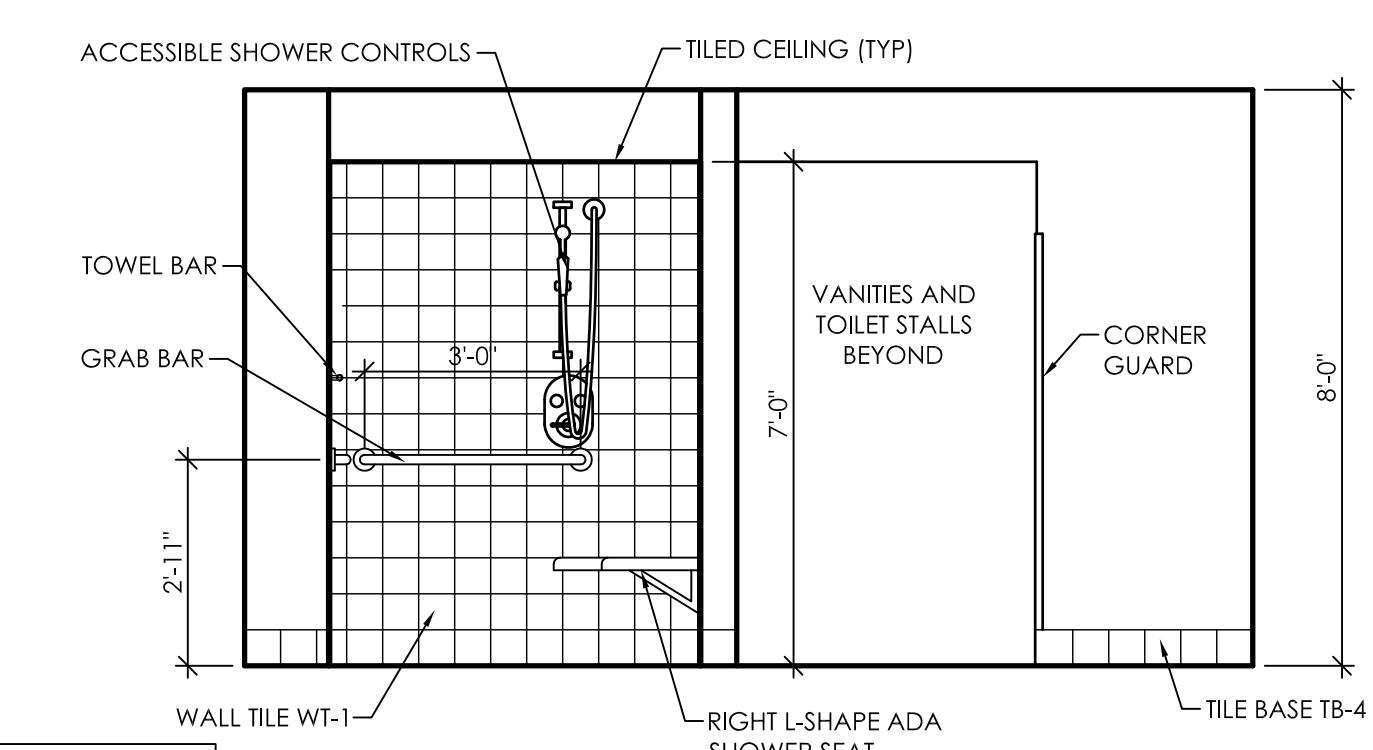
13 Interior Elevation Restroom 232, 331  
 A10.1 3/8" = 1'-0"

NOTE: SEE WALL FINISH PLANS A9.8 AND A9.9 FOR LOCATION OF WALL TILE IN RESTROOMS.

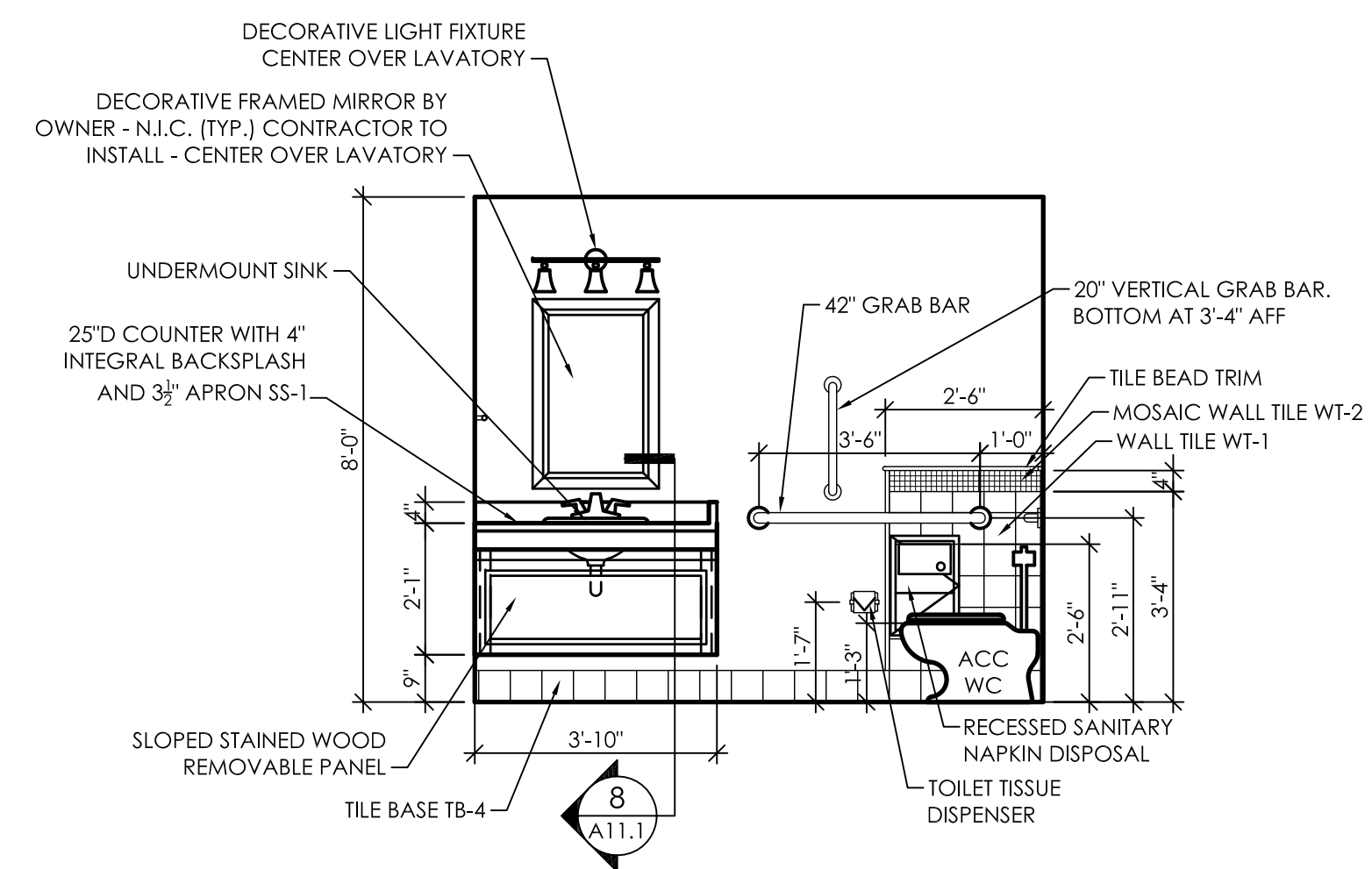


14 Interior Elevation Restroom 232, 331  
 A10.1 3/8" = 1'-0"

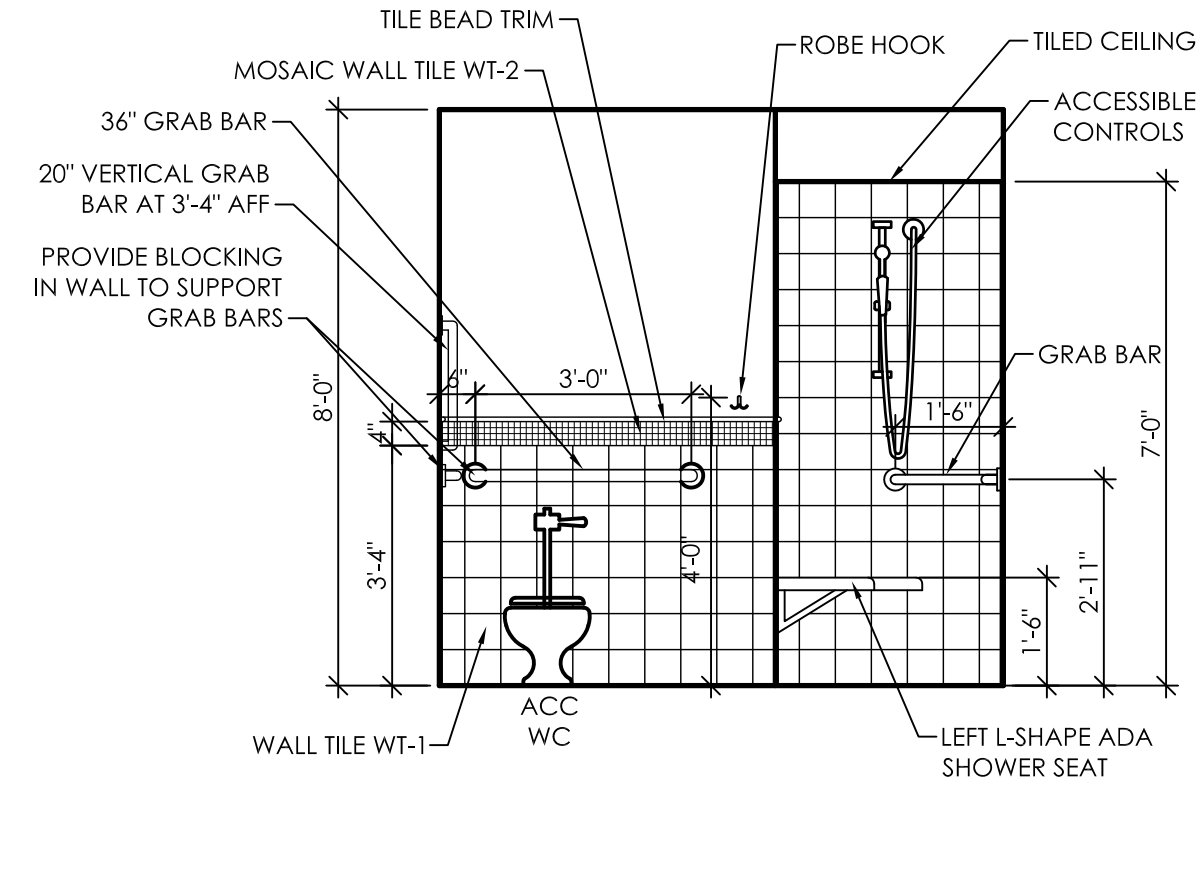
NOTE: SEE WALL FINISH PLANS A9.8 AND A9.9 FOR LOCATION OF WALL TILE IN RESTROOMS.



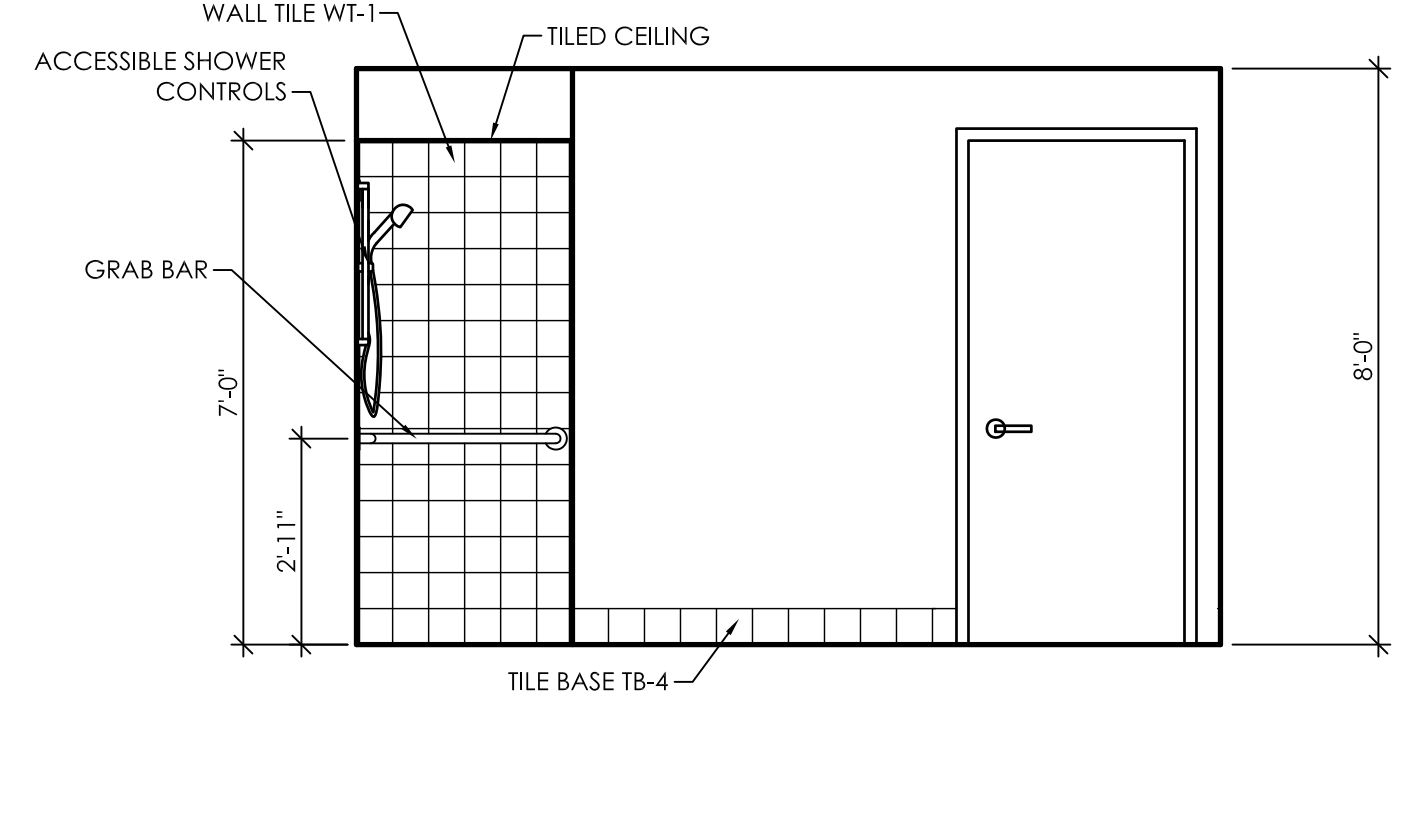
15 Interior Elevation Restroom 232, 331  
 A10.1 3/8" = 1'-0"



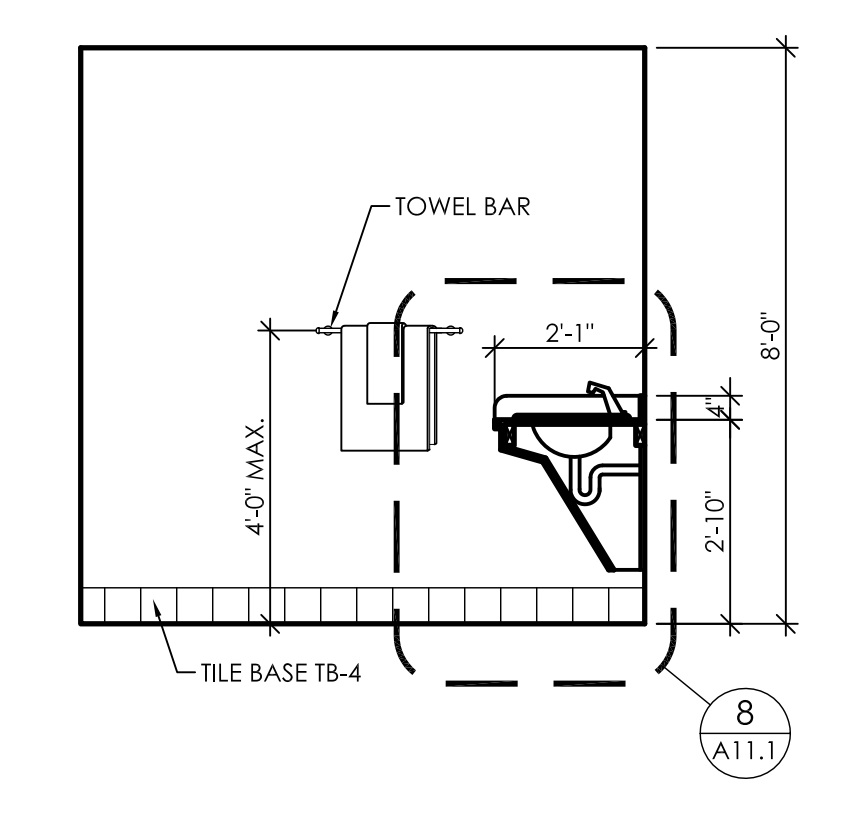
1 Interior Elevation Restroom 220  
 A10.2 3/8" = 1'-0"



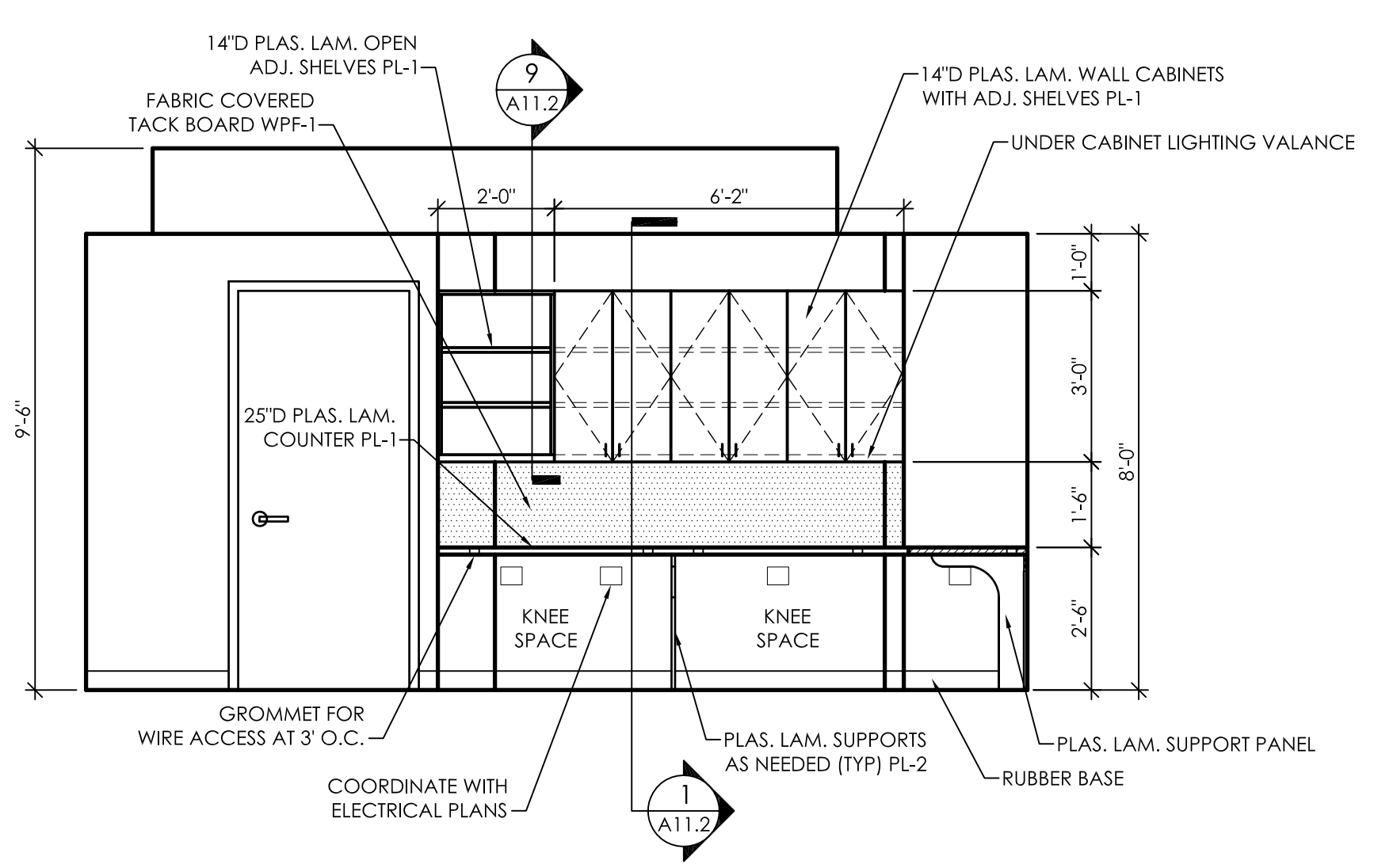
2 Interior Elevation Restroom 220  
 A10.2 3/8" = 1'-0"



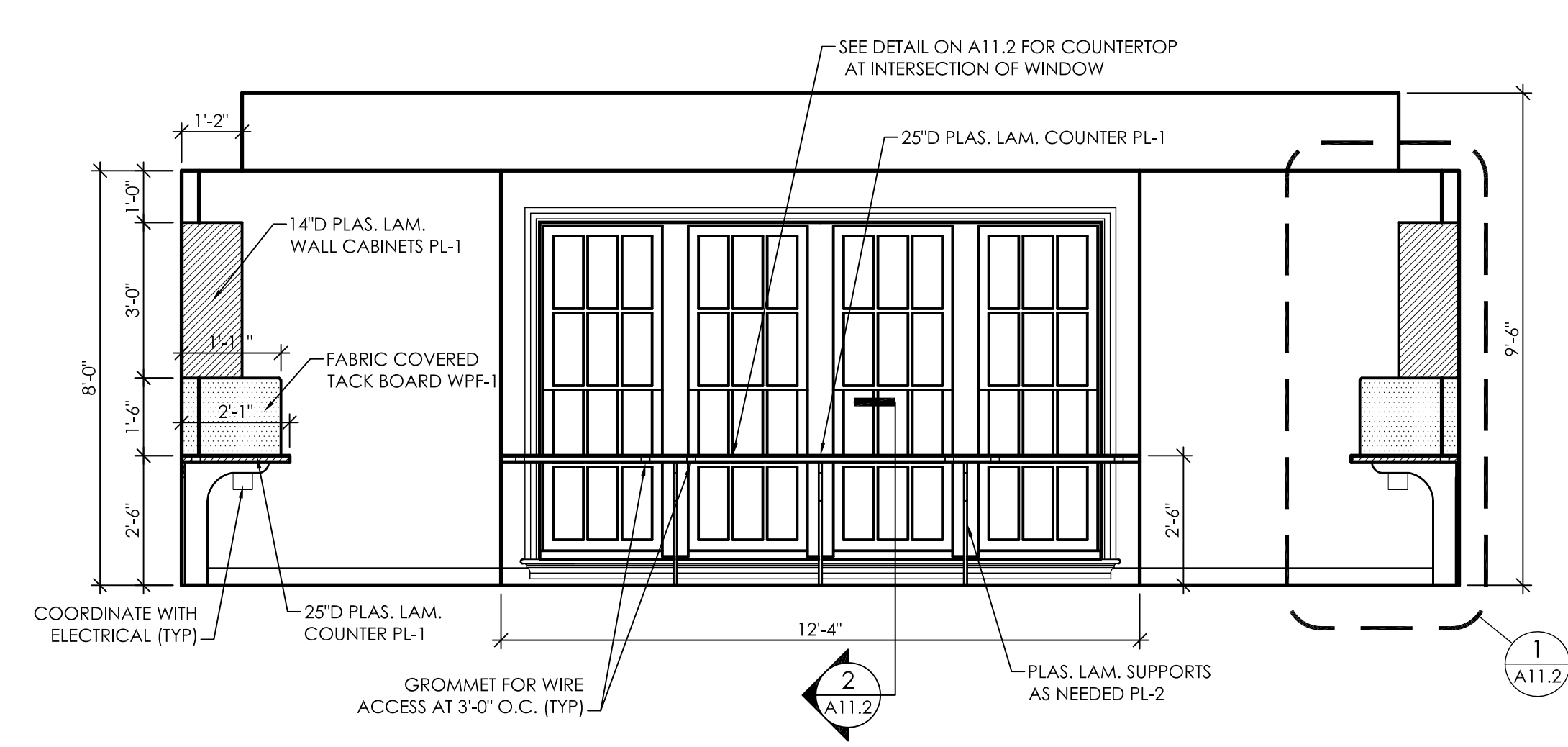
3 Interior Elevation Restroom 220  
 A10.2 3/8" = 1'-0"



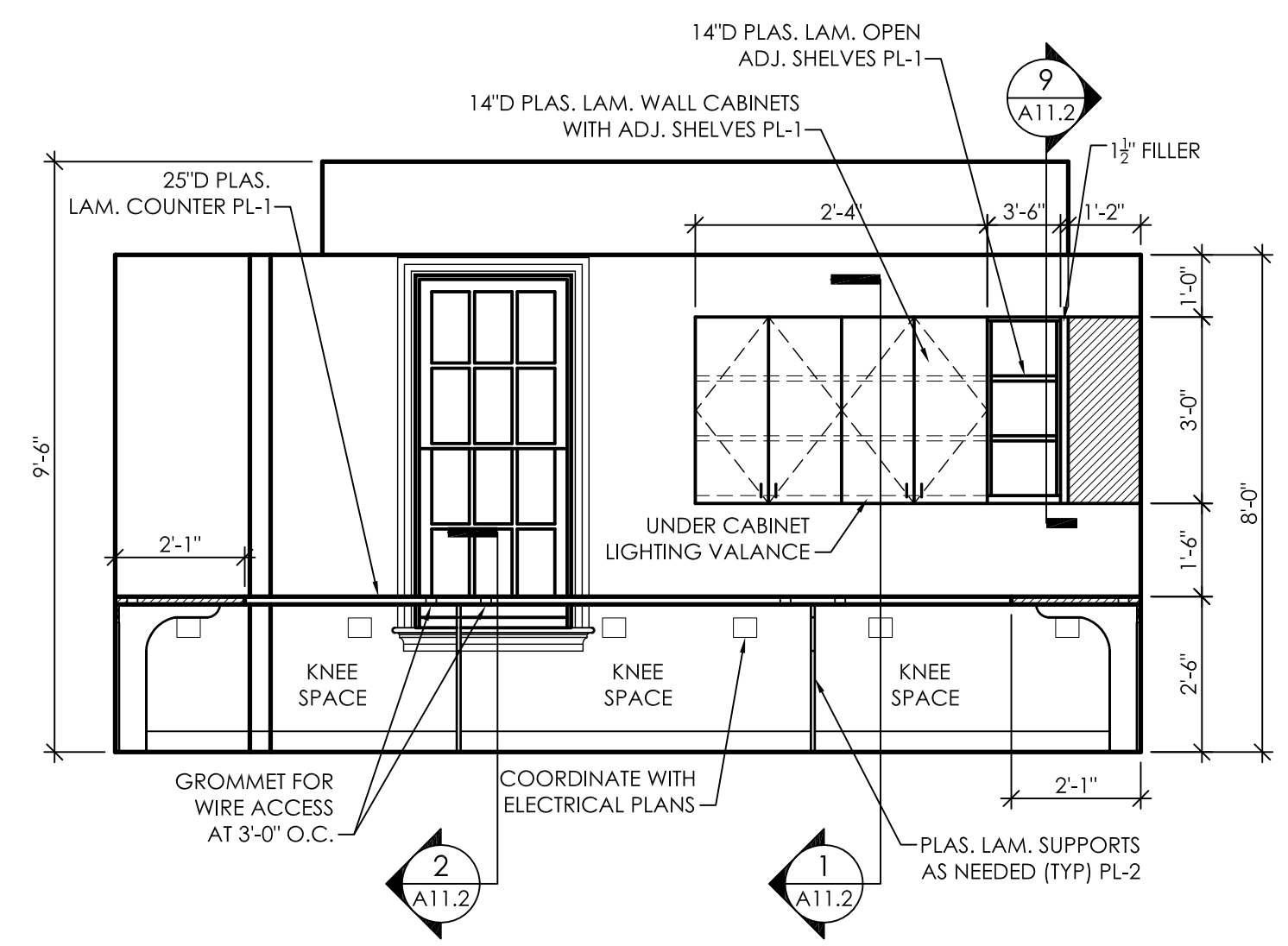
4 Interior Elevation Restroom 220  
 A10.2 3/8" = 1'-0"



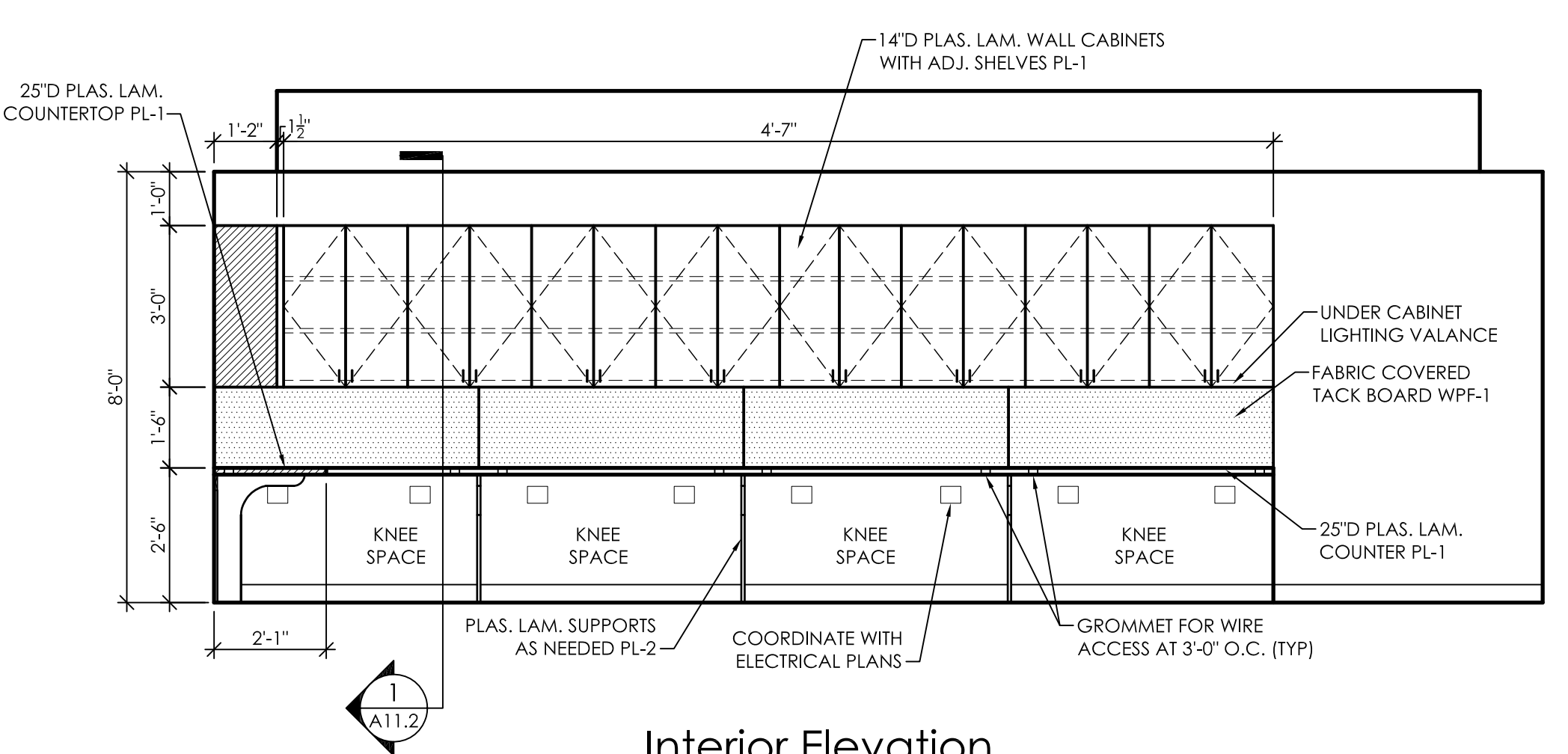
5 Interior Elevation Work Room 207  
 A10.2 3/8" = 1'-0"



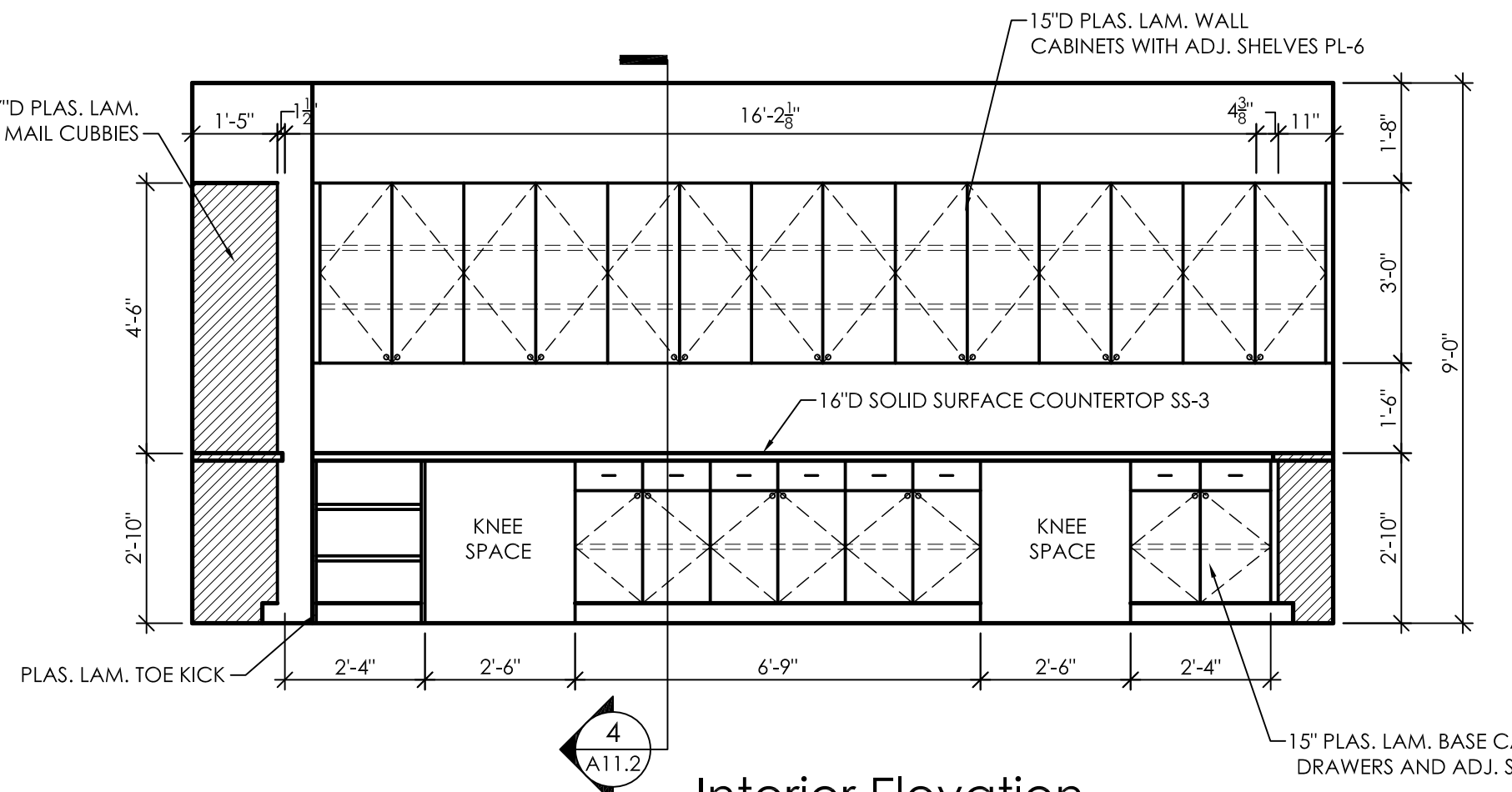
6 Interior Elevation Work Room 207  
 A10.2 3/8" = 1'-0"



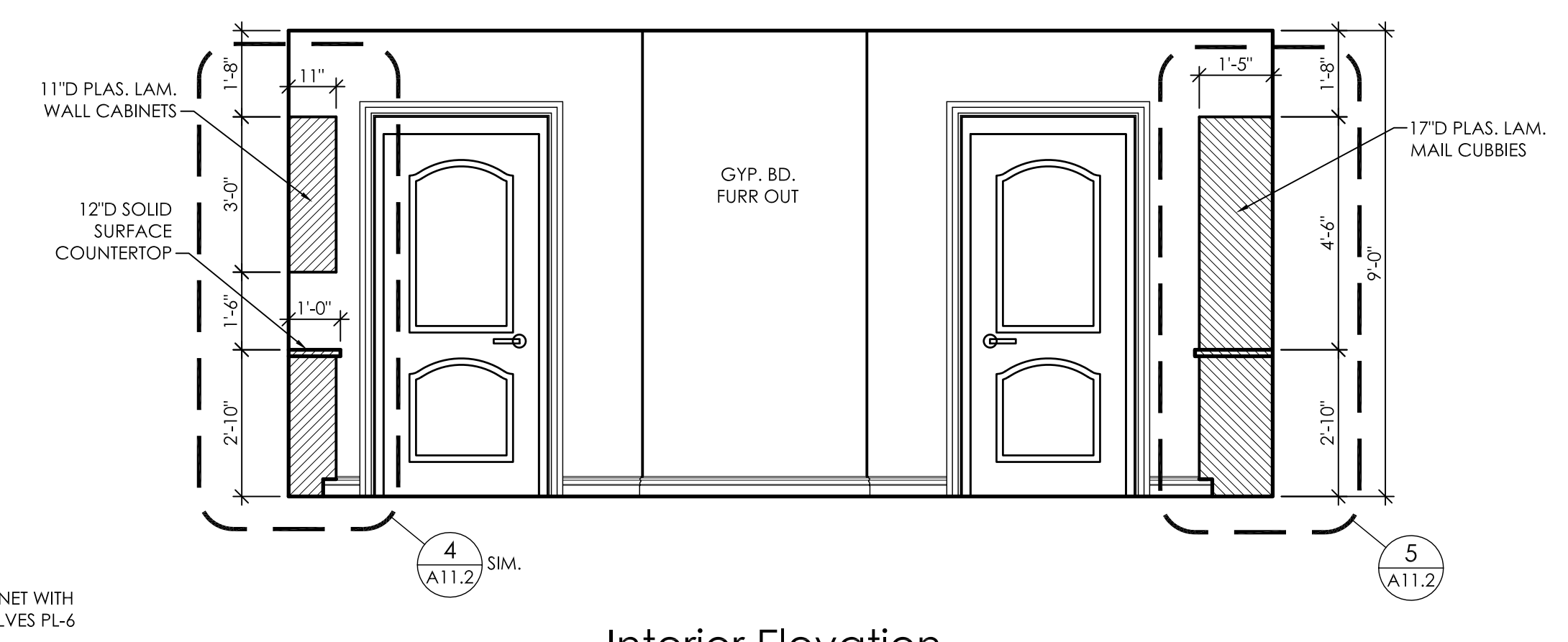
7 Interior Elevation Work Room 207  
 A10.2 3/8" = 1'-0"



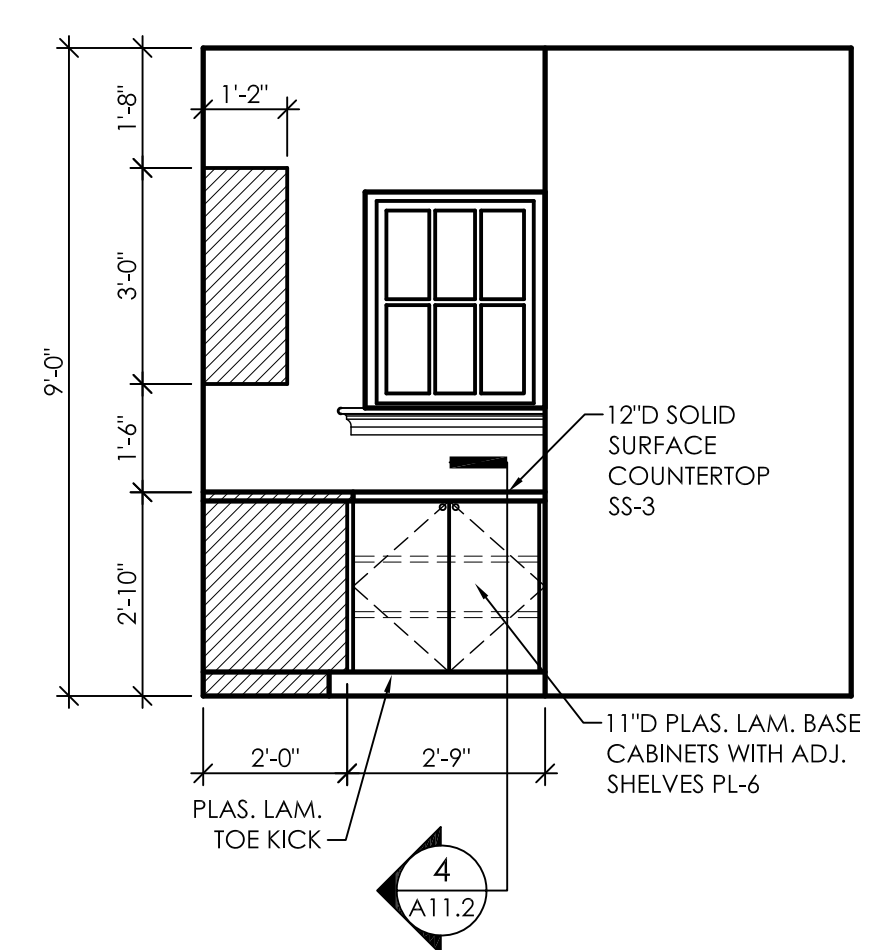
8 Interior Elevation Work Room 207  
 A10.2 3/8" = 1'-0"



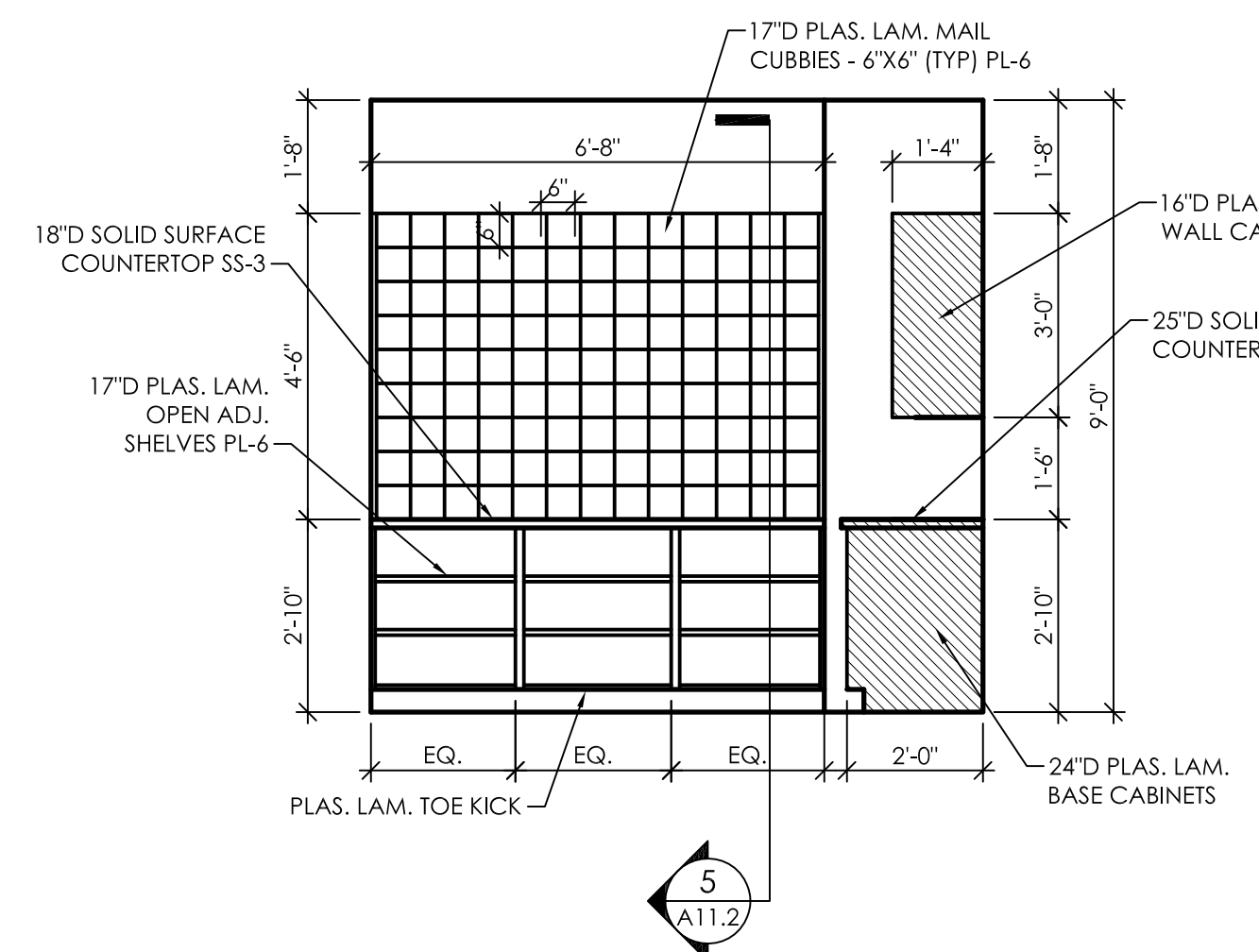
9 Interior Elevation Mail Room 113  
 A10.2 3/8" = 1'-0"



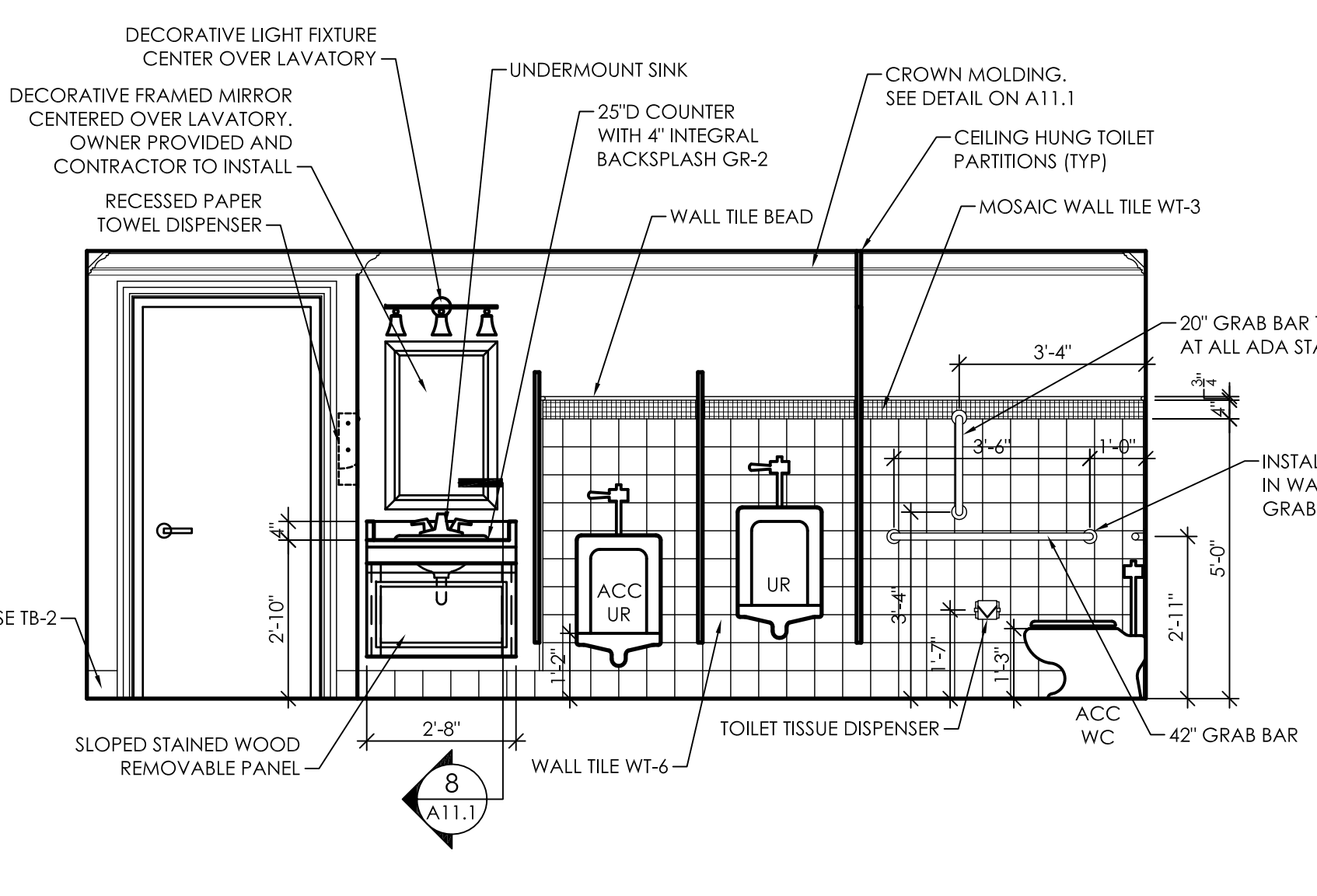
10 Interior Elevation Mail Room 113  
 A10.2 3/8" = 1'-0"



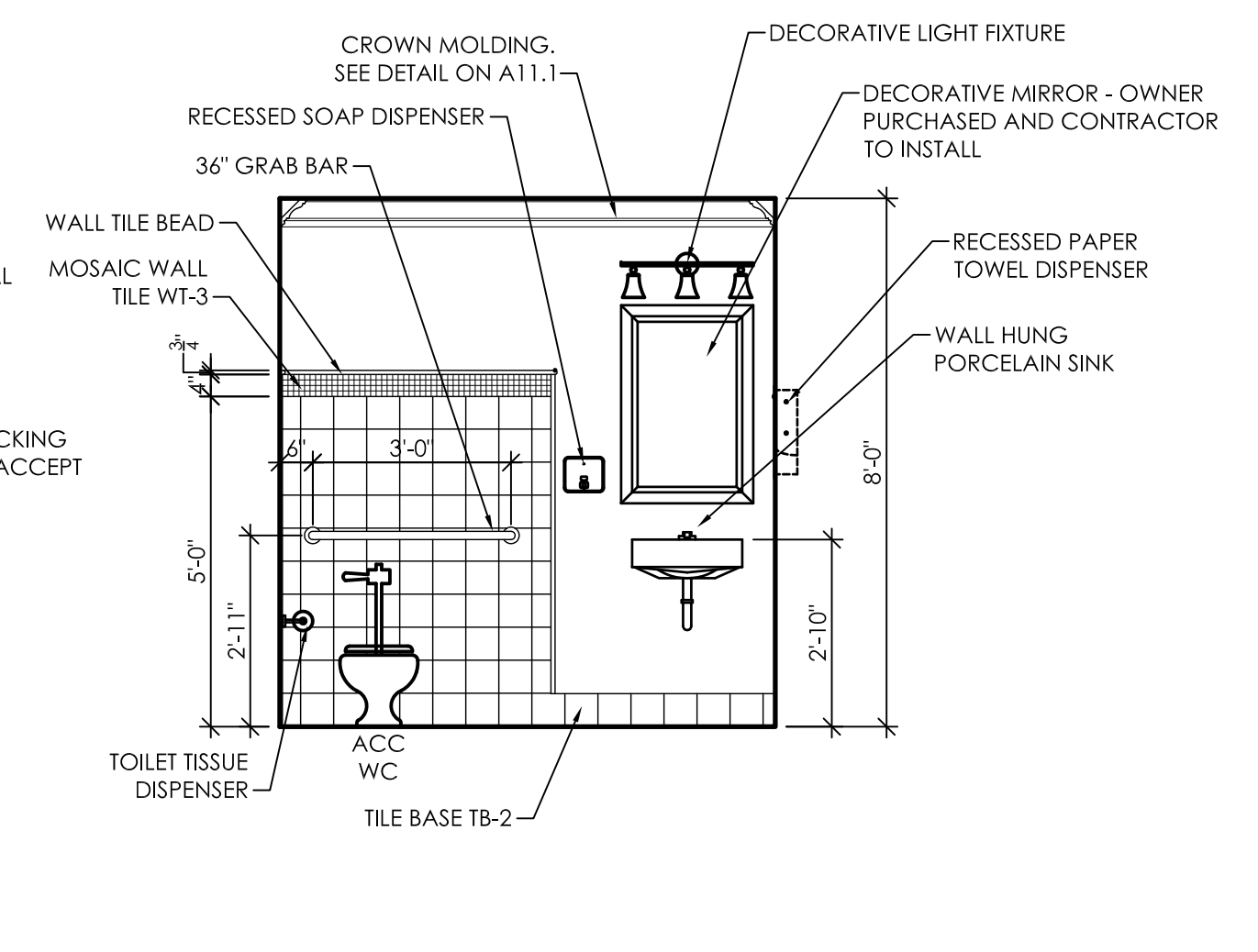
11 Interior Elevation Mail Room 113  
 A10.2 3/8" = 1'-0"



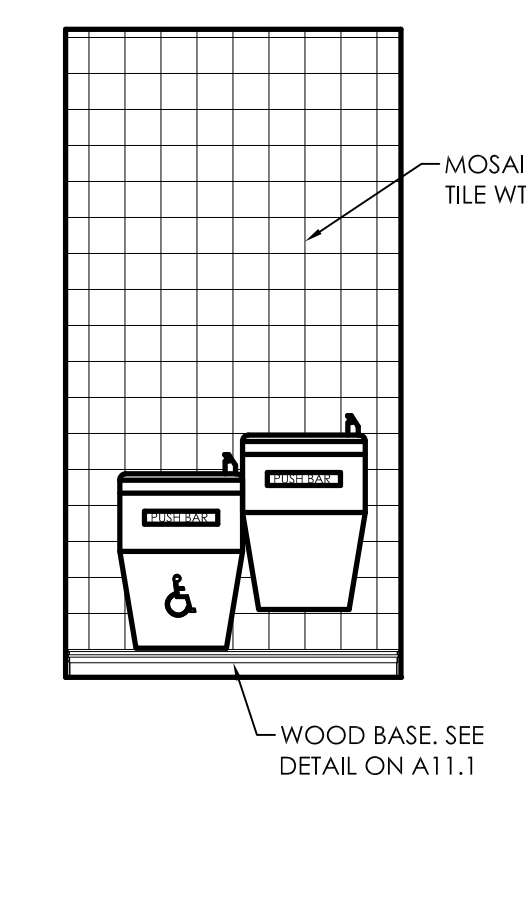
12 Interior Elevation Mail Room 113  
 A10.2 3/8" = 1'-0"



13 Interior Elevation Mens Restroom 105  
 A10.2 3/8" = 1'-0"

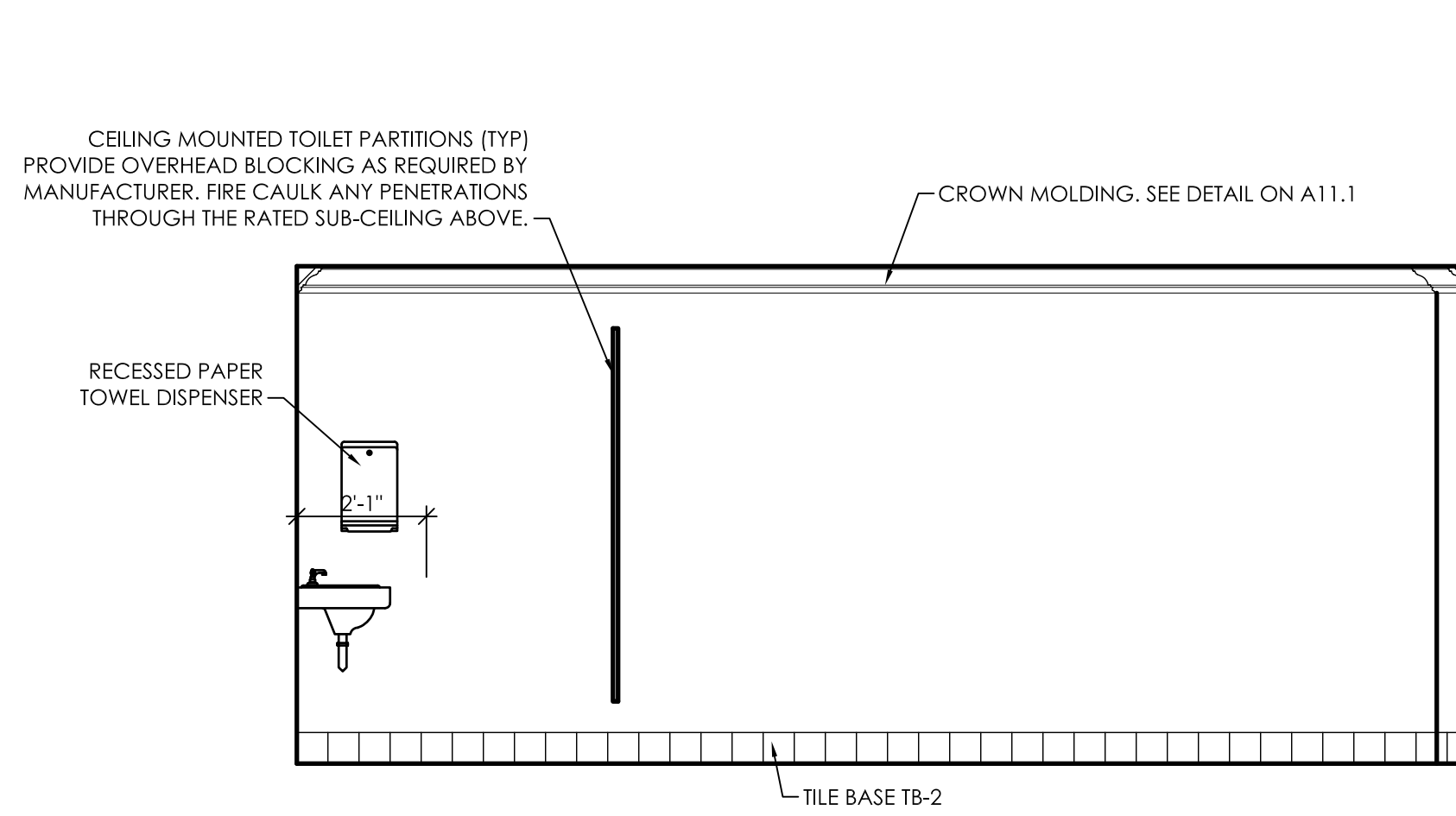


14 Interior Elevation Mens Restroom 105  
 A10.2 3/8" = 1'-0"

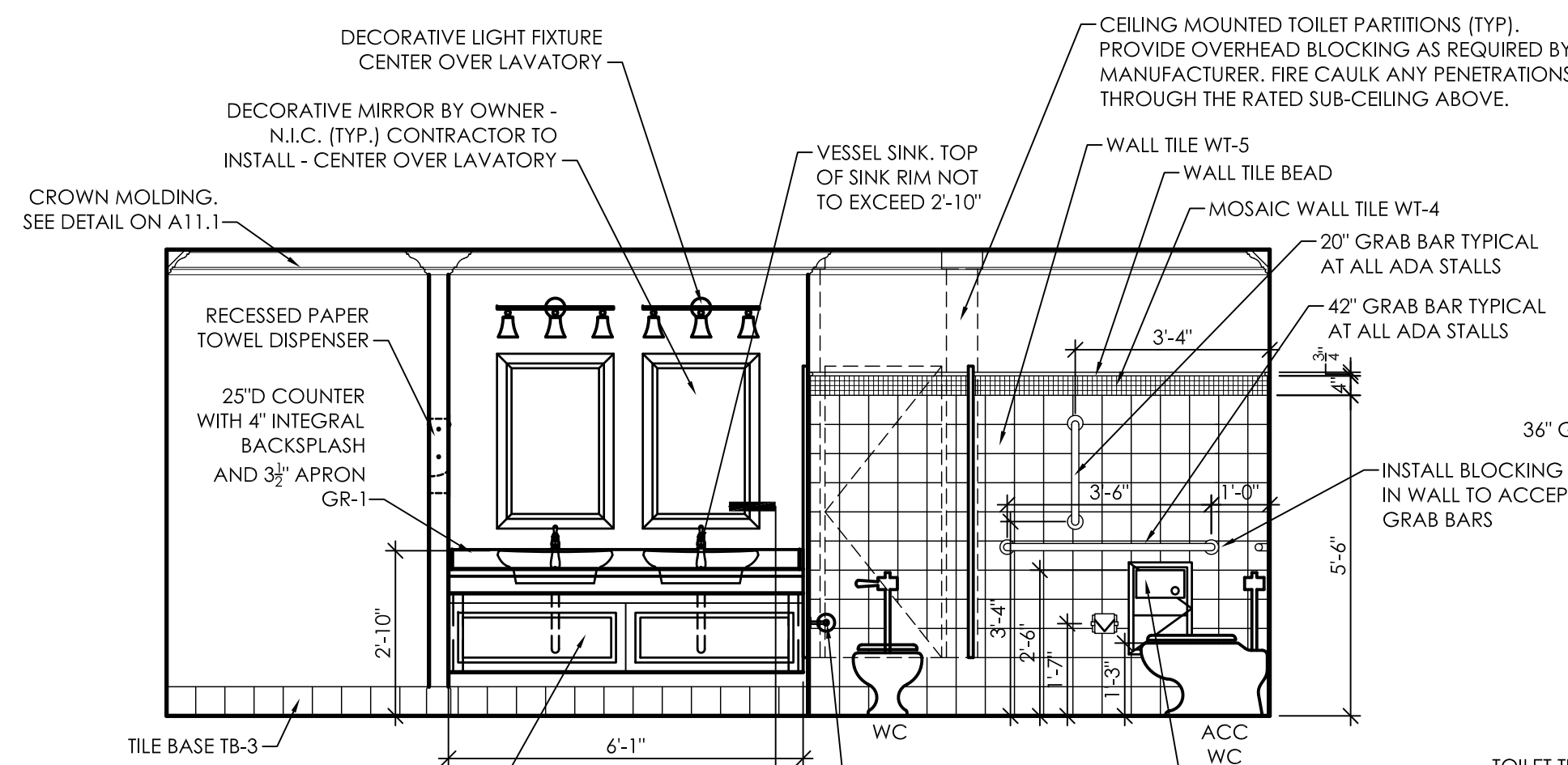


15 Interior Elevation Water Coolers  
 A10.2 3/8" = 1'-0"

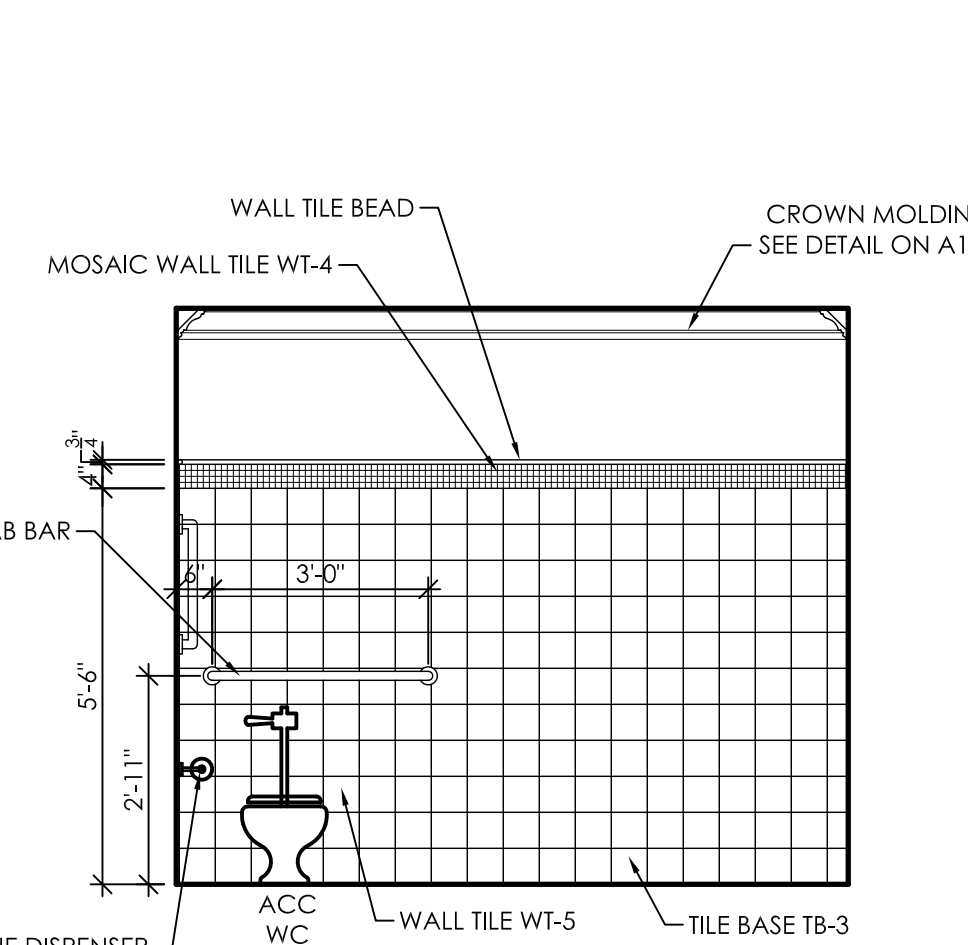




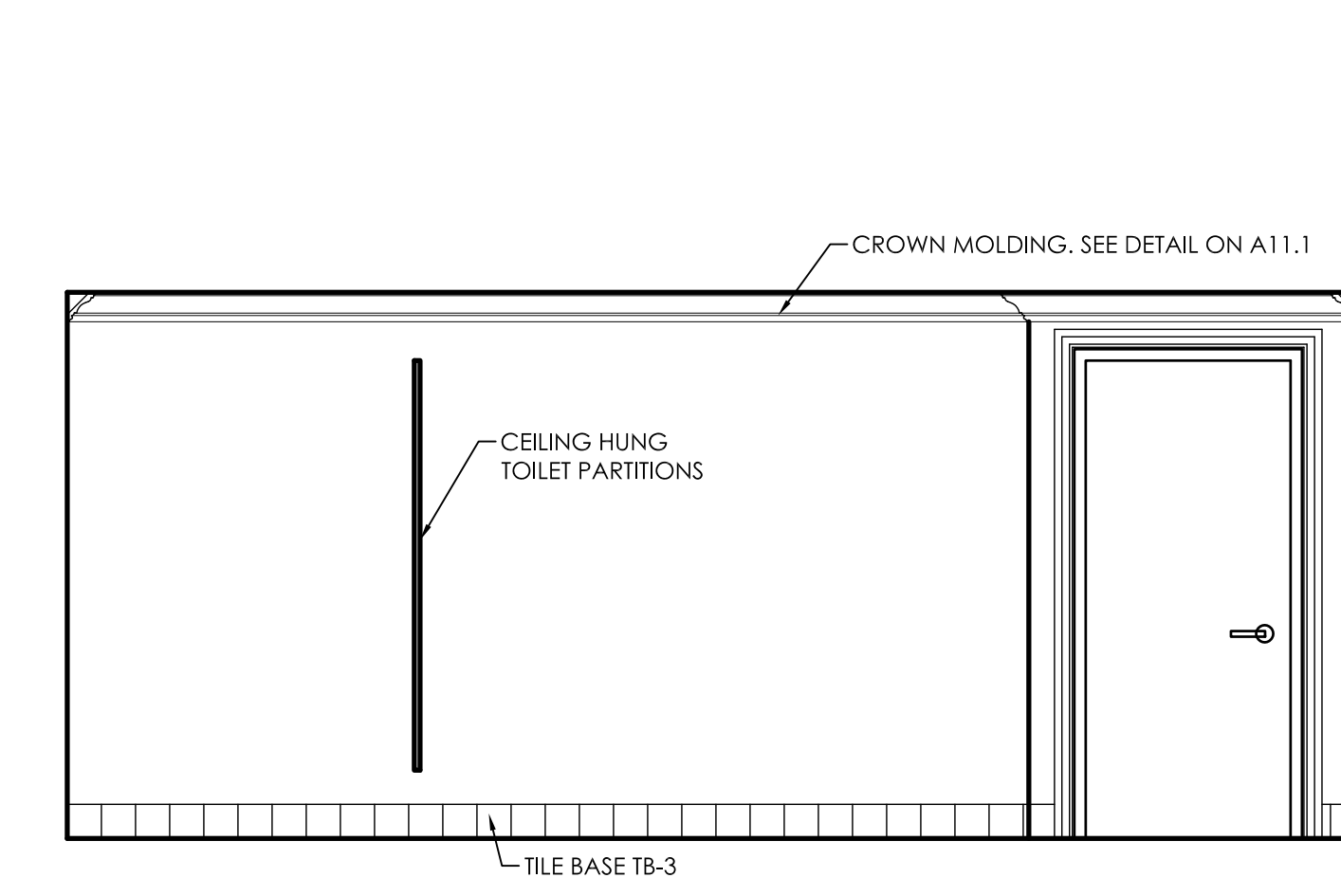
**1**  
A10.3  
Interior Elevation  
Mens Restroom 105  
3/8" = 1'-0"



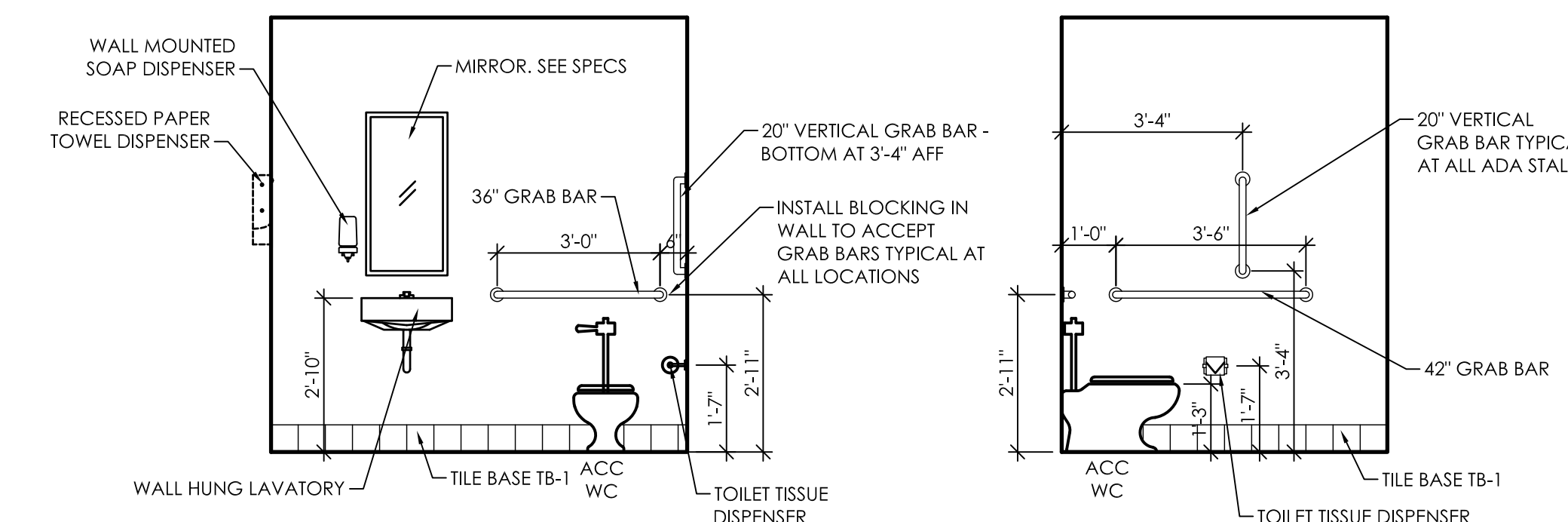
**2**  
A10.3  
Interior Elevation  
Womens Restroom 106  
3/8" = 1'-0"



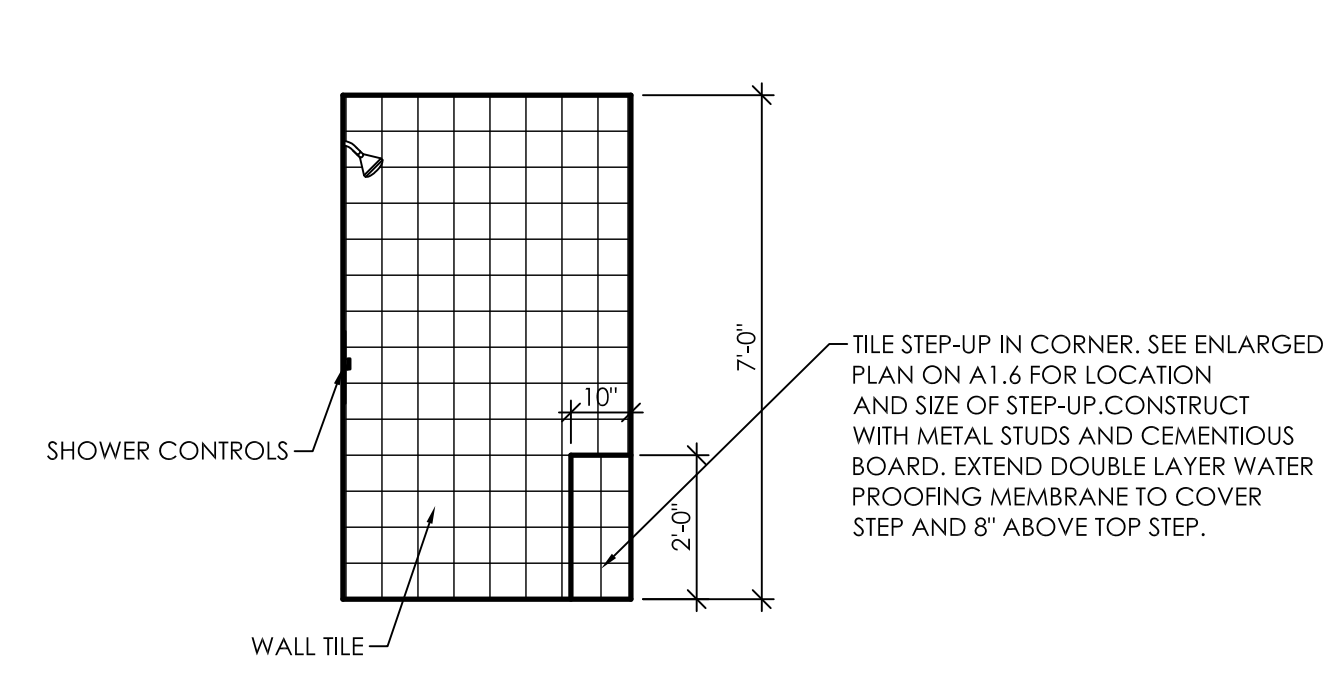
**3**  
A10.3  
Interior Elevation  
Womens Restroom 106  
3/8" = 1'-0"



**4**  
A10.3  
Interior Elevation  
Womens Restroom 106  
3/8" = 1'-0"

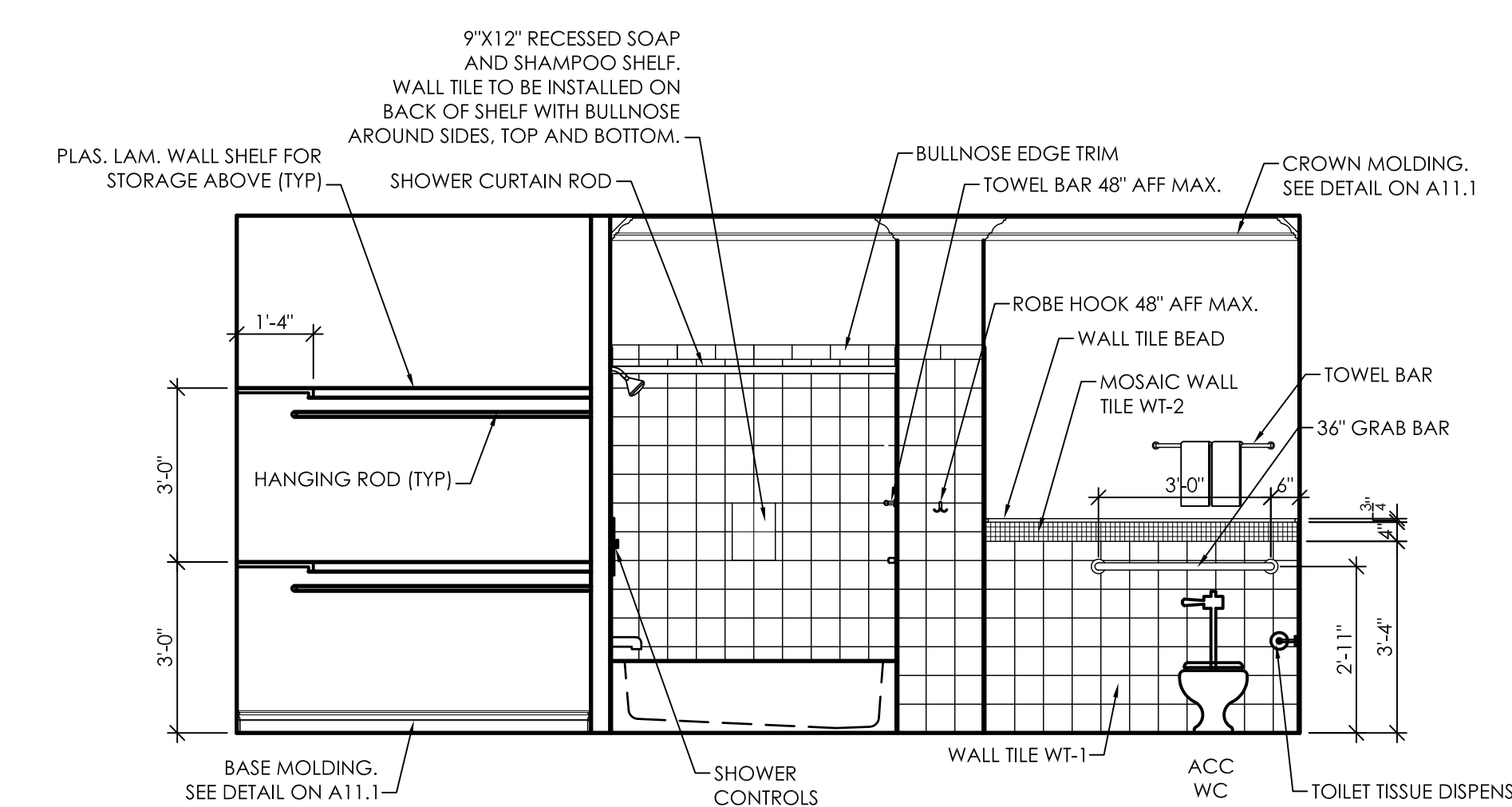


**5**  
A10.3  
Interior Elevation  
Staff Restroom 118  
3/8" = 1'-0"

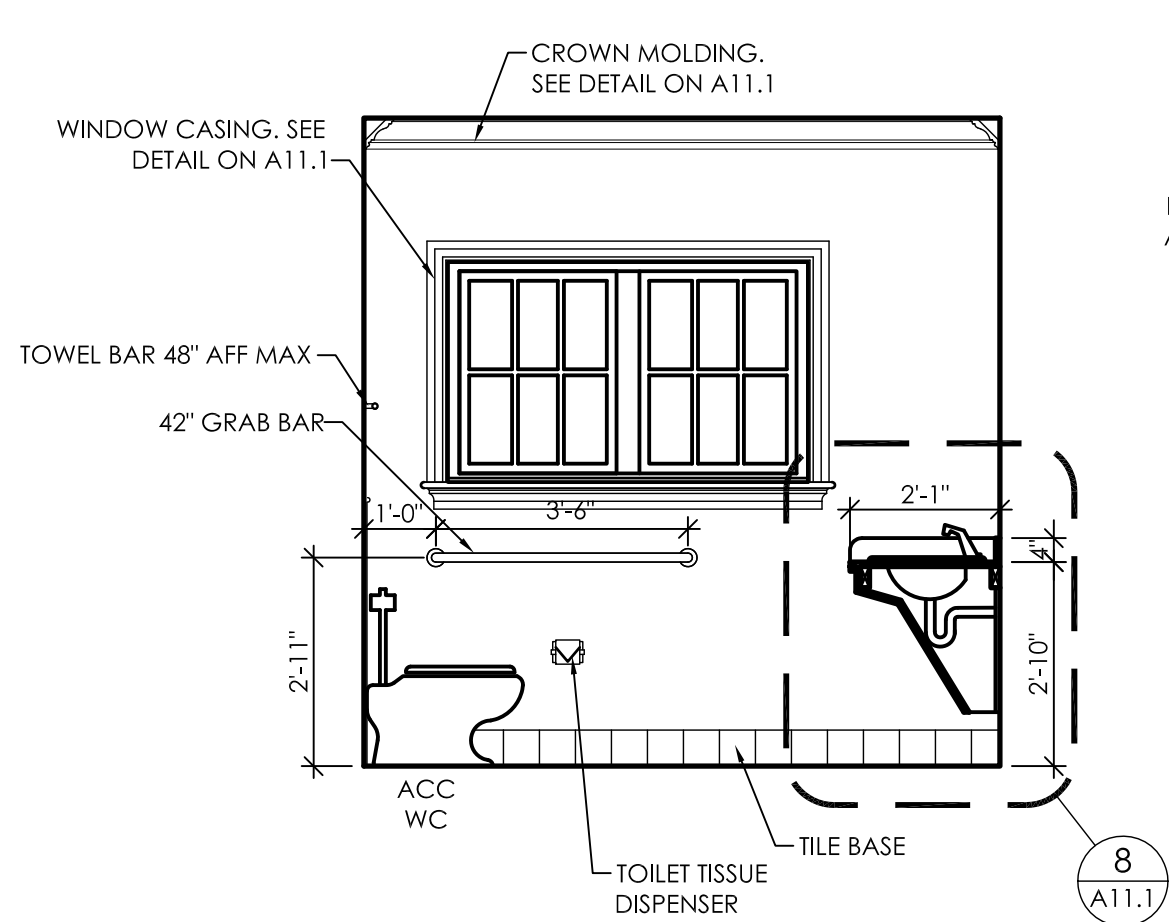


**7**  
A10.3  
Typical Interior Elevation  
Shower 231, 232, 330, 331  
3/8" = 1'-0"

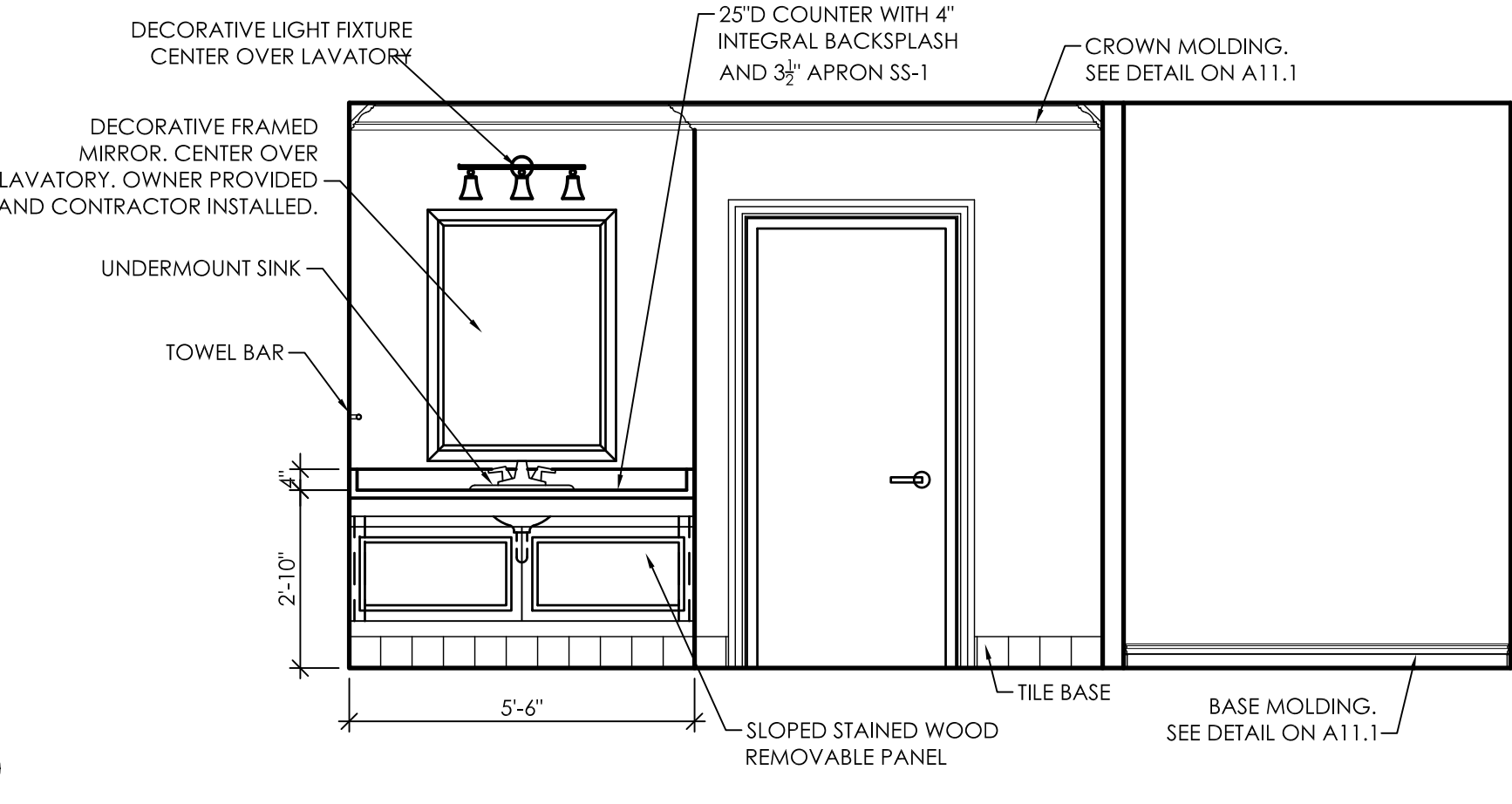
**8**  
A10.3  
NOT USED  
3/8" = 1'-0"



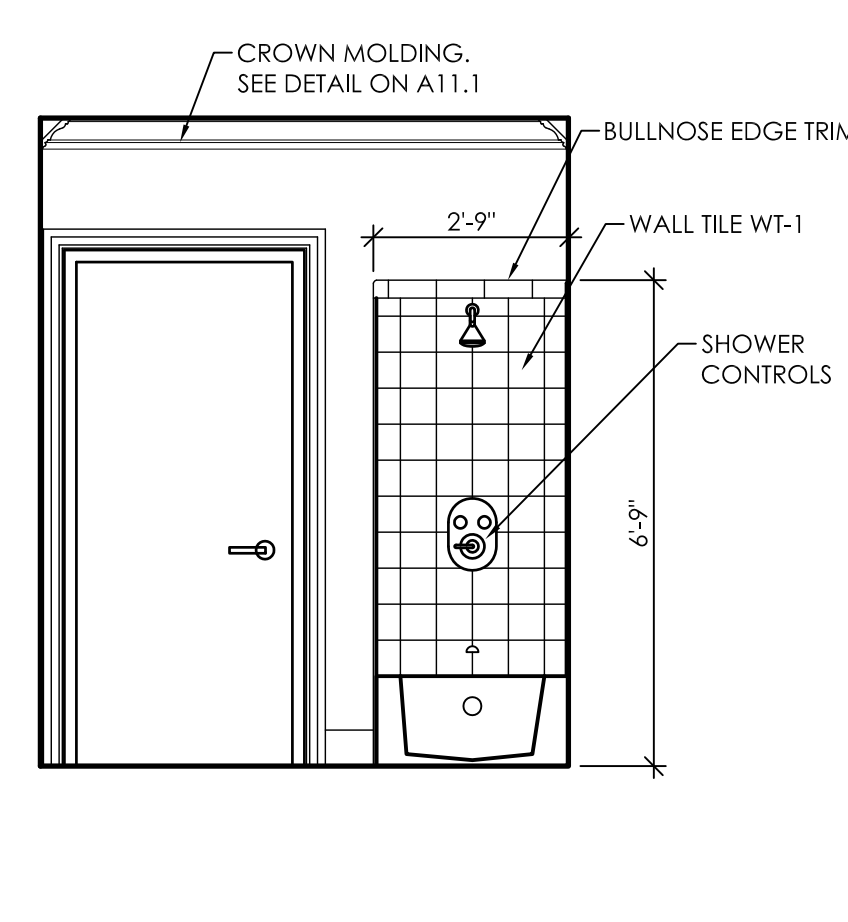
**9**  
A10.3  
Interior Elevation  
HD Restroom 111  
3/8" = 1'-0"



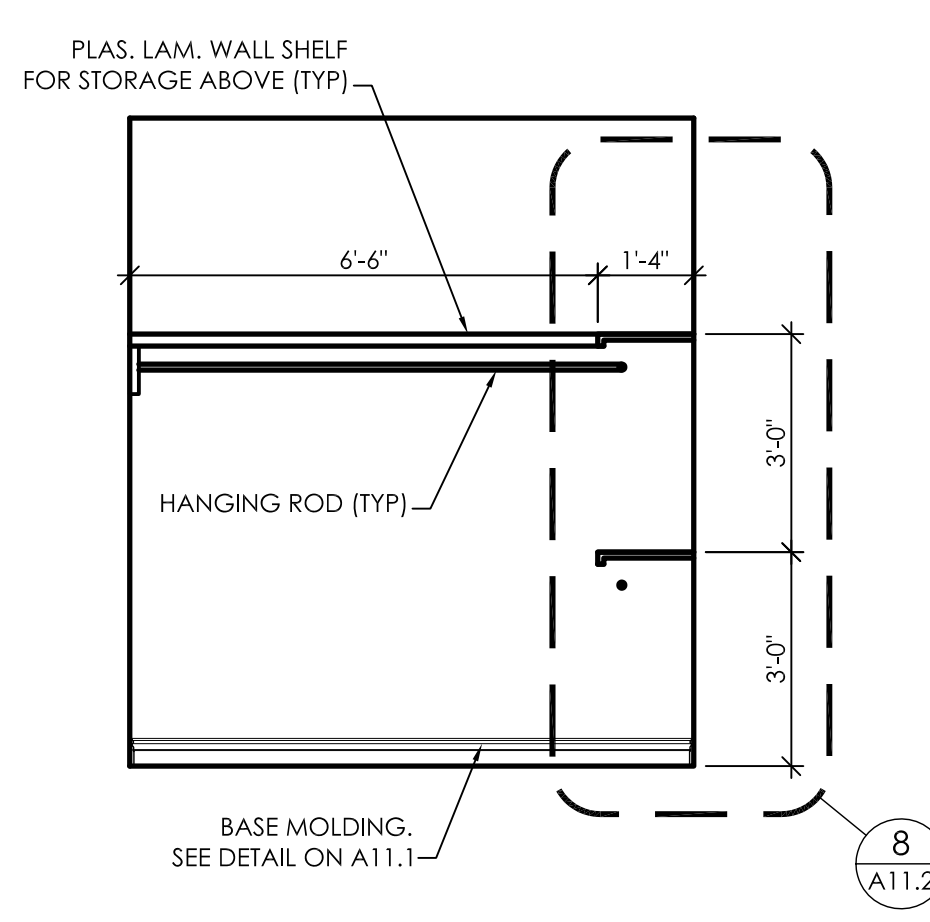
**10**  
A10.3  
Interior Elevation  
HD Restroom 111  
3/8" = 1'-0"



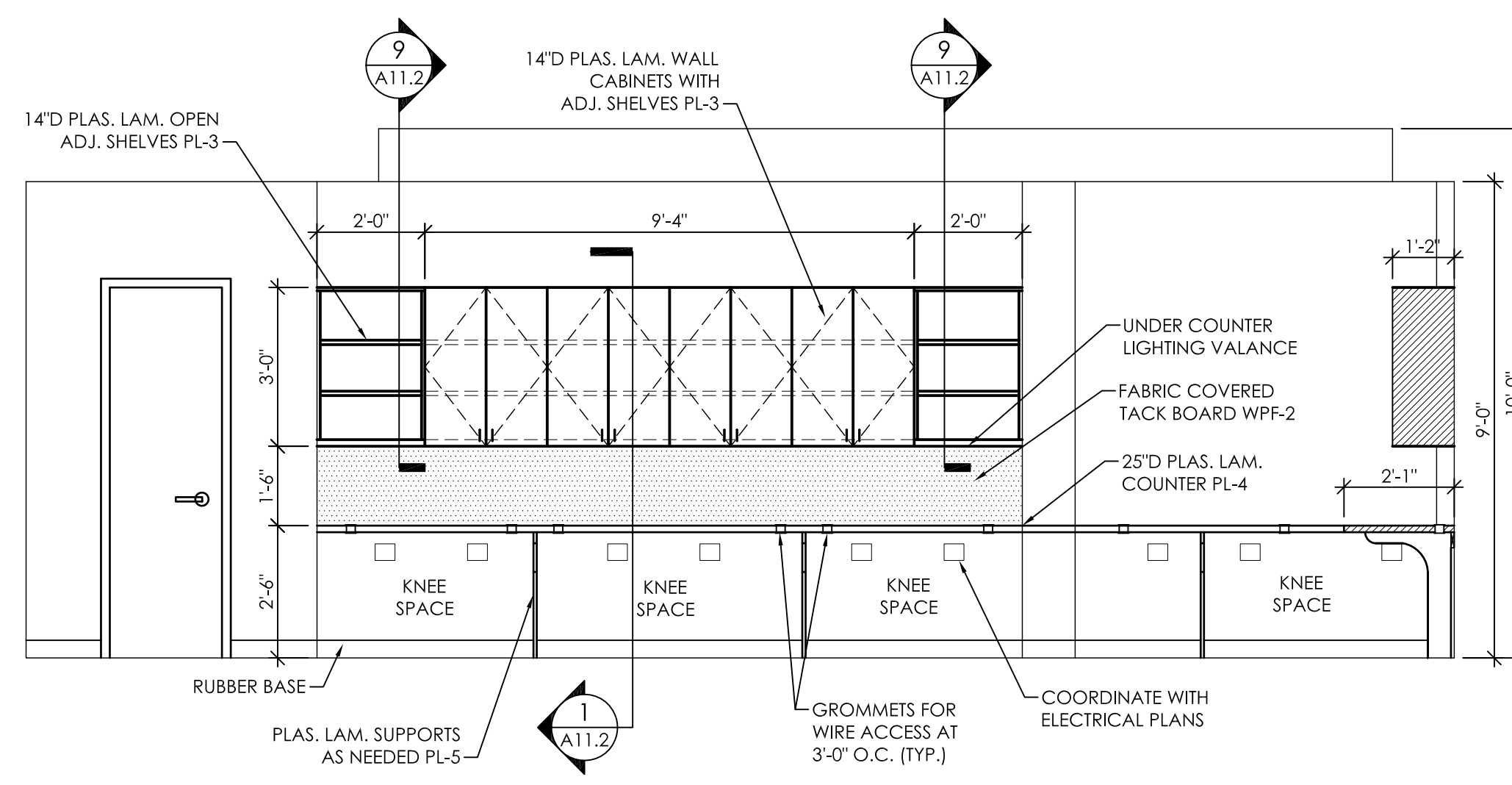
**11**  
A10.3  
Interior Elevation  
HD Restroom 111  
3/8" = 1'-0"



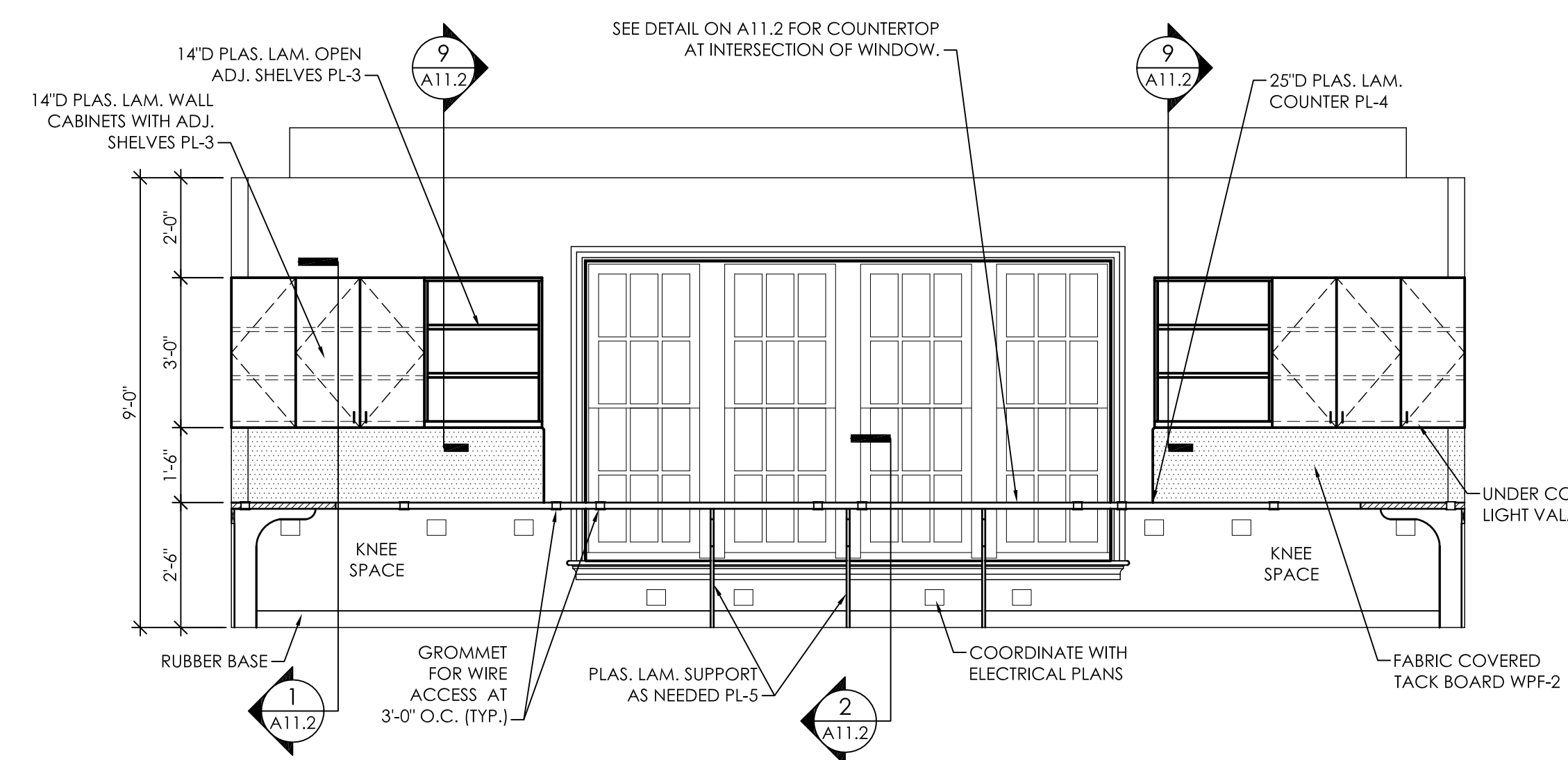
**12**  
A10.3  
Interior Elevation  
HD Restroom 111  
3/8" = 1'-0"



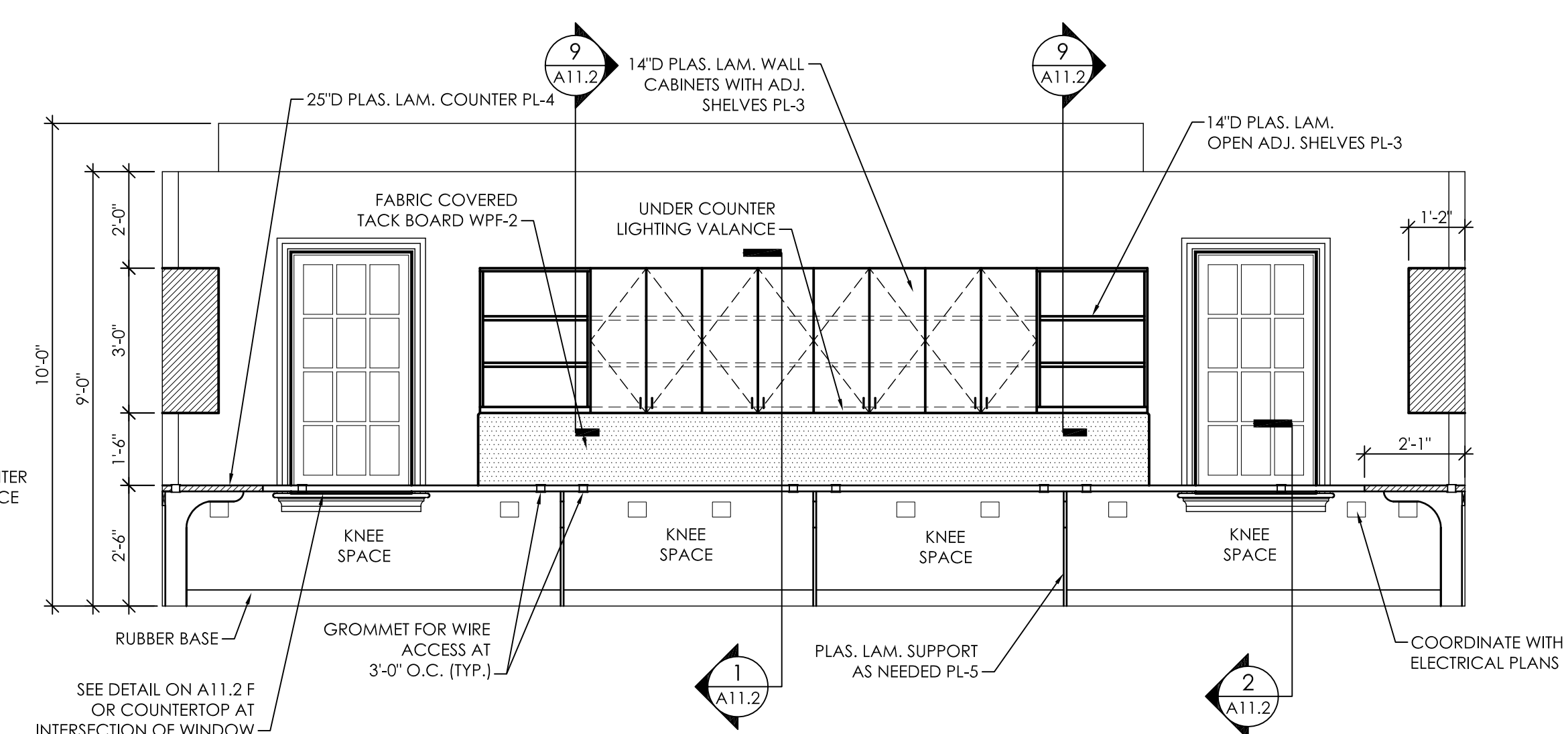
**13**  
A10.3  
Interior Elevation  
HD Closet 111  
3/8" = 1'-0"



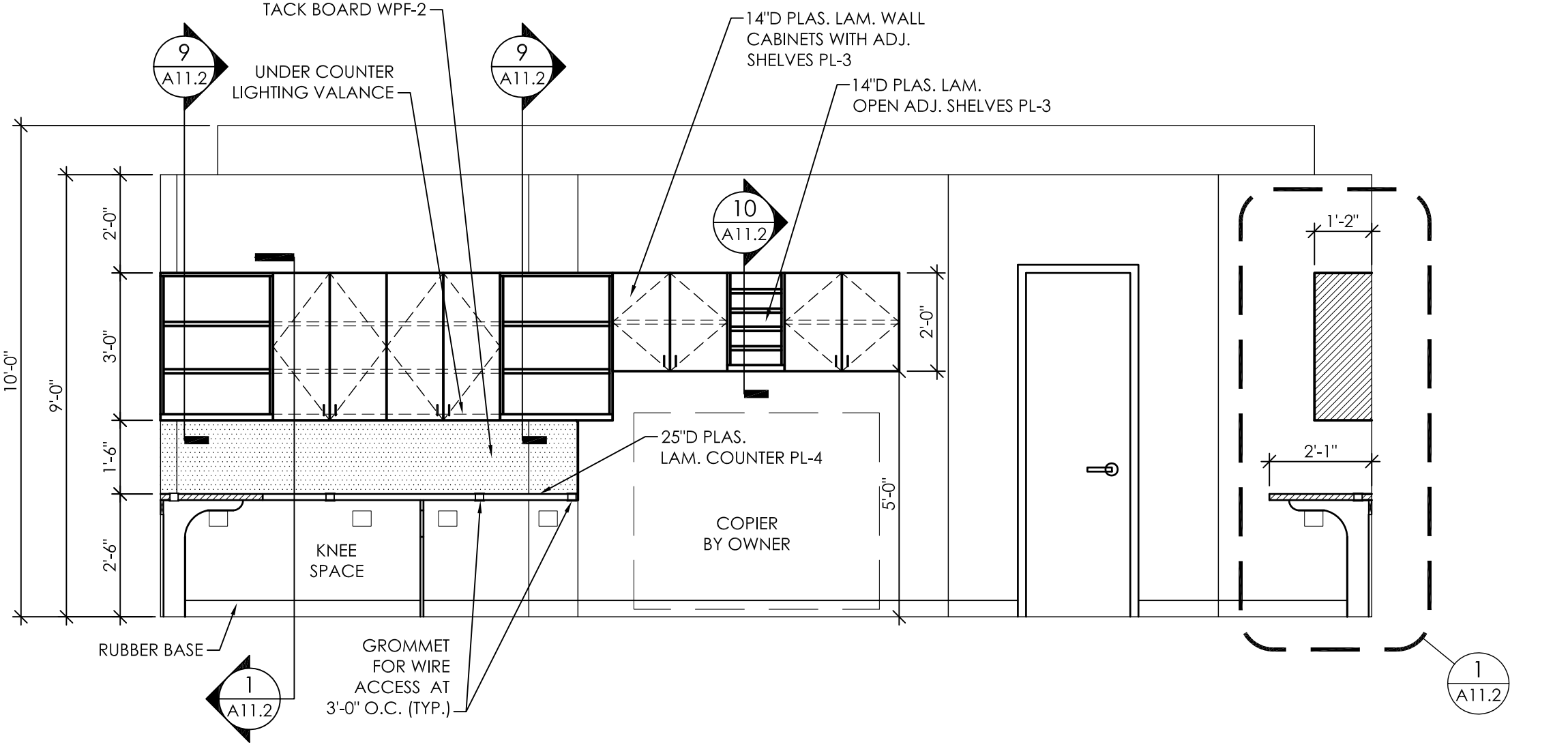
**14**  
A10.3  
Interior Elevation  
Work Room 306  
3/8" = 1'-0"



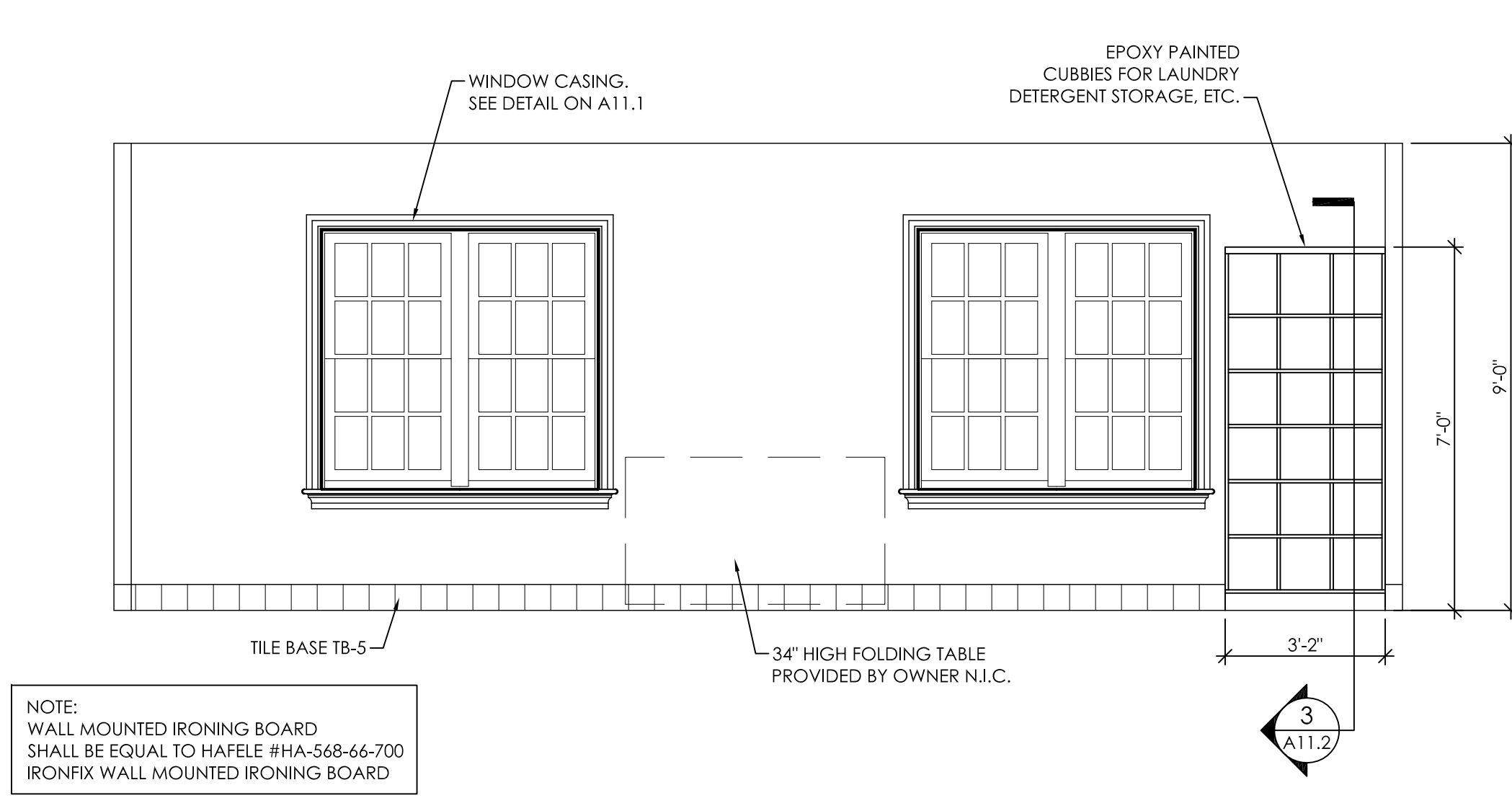
**15**  
A10.3  
Interior Elevation  
Work Room 306  
3/8" = 1'-0"



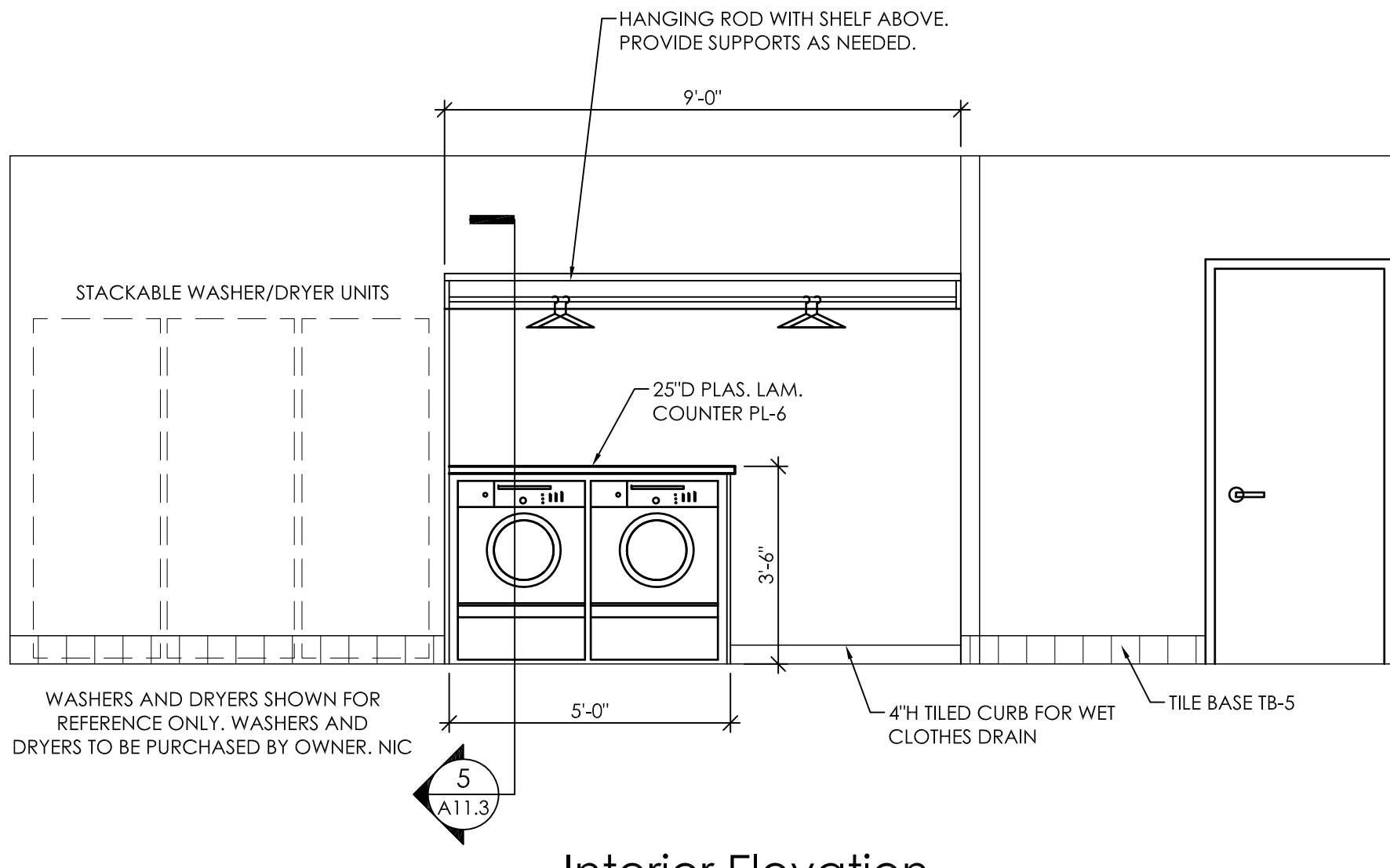
**16**  
A10.3  
Interior Elevation  
Work Room 306  
3/8" = 1'-0"



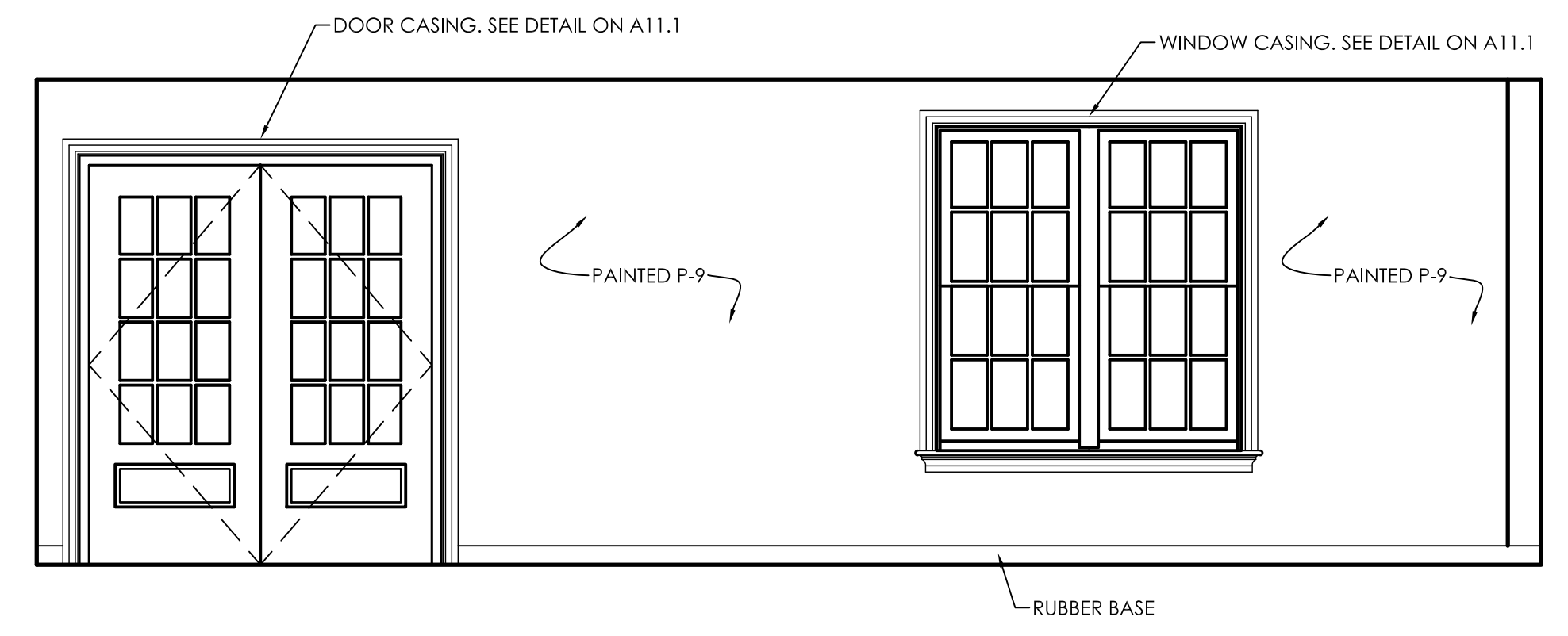
**17**  
A10.3  
Interior Elevation  
Work Room 306  
3/8" = 1'-0"



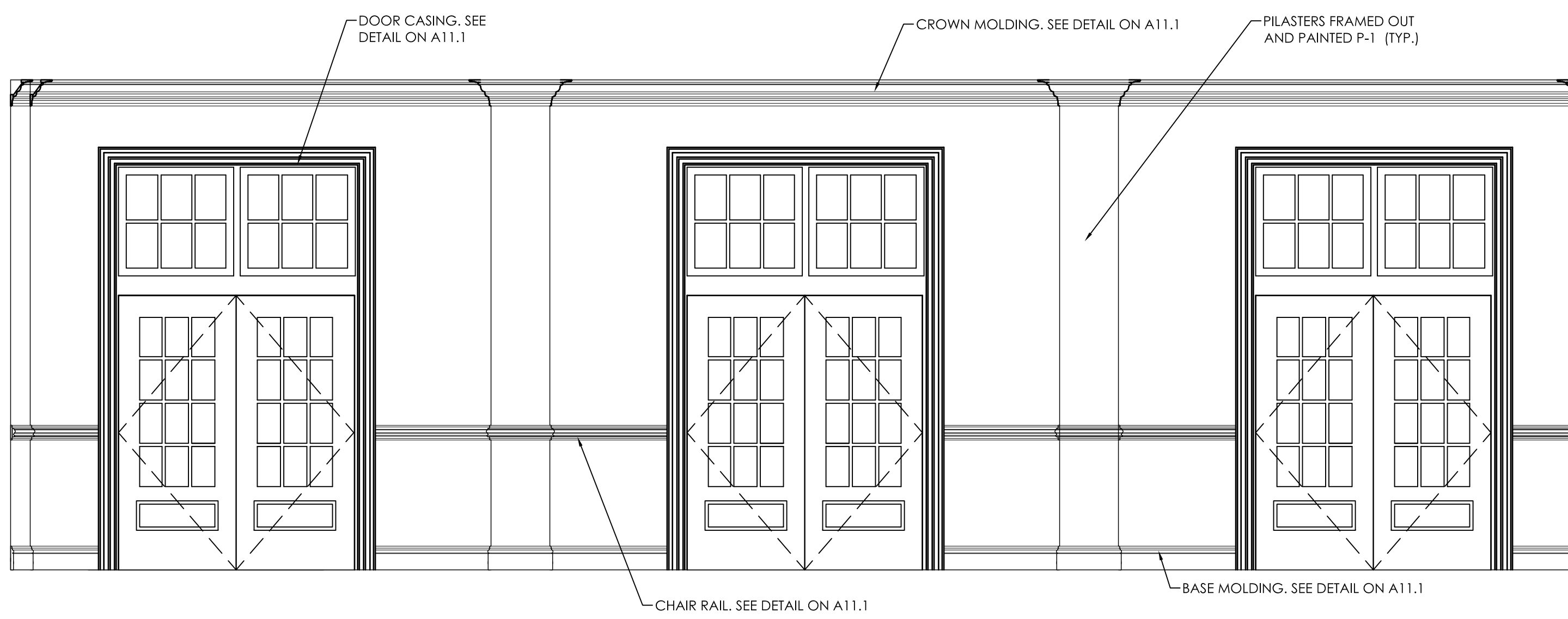
1  
A10.4  
Interior Elevation  
Laundry 222, 321  
3/8" = 1'-0"



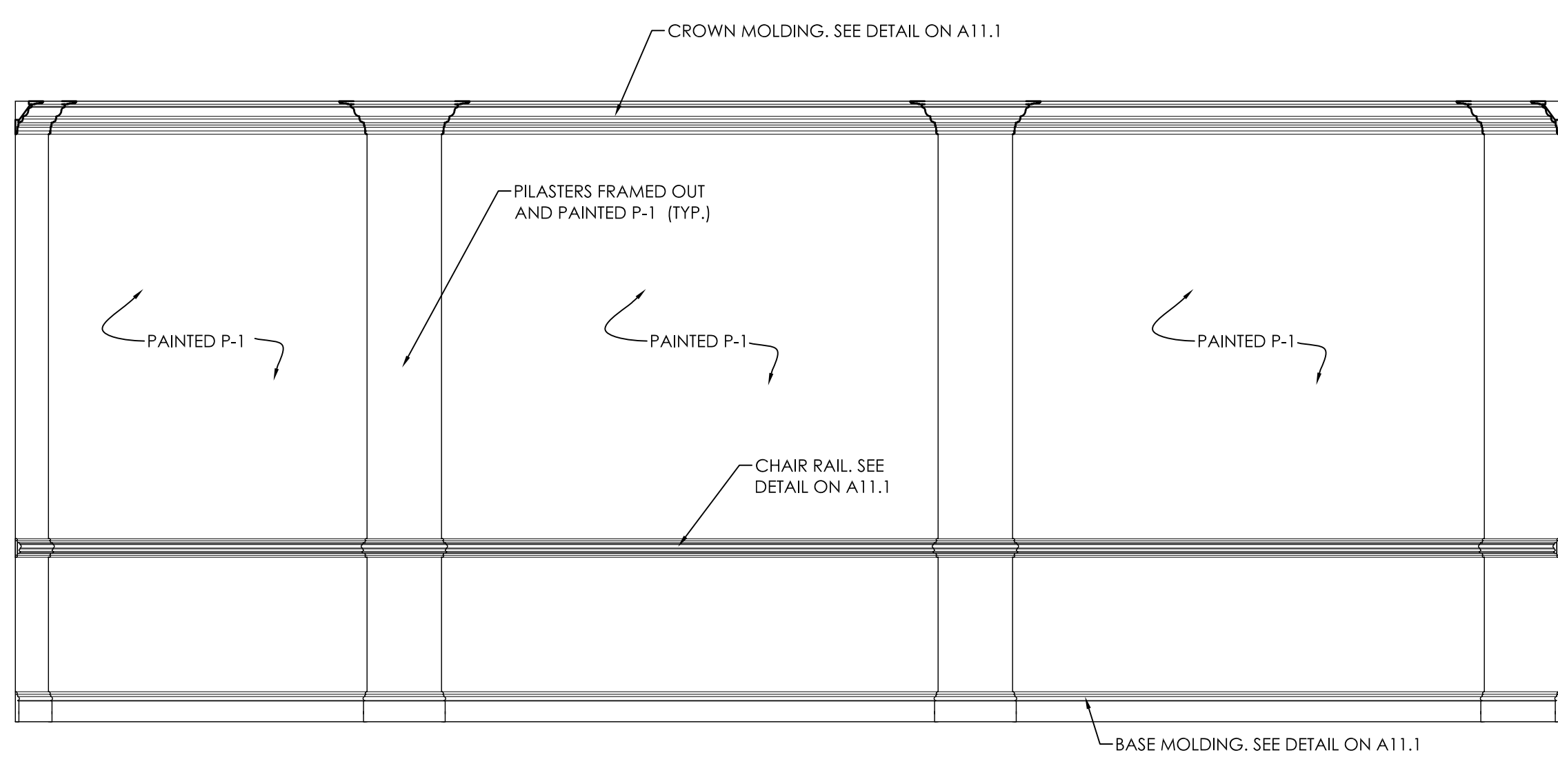
2  
A10.4  
Interior Elevation  
Laundry 222, 321  
3/8" = 1'-0"



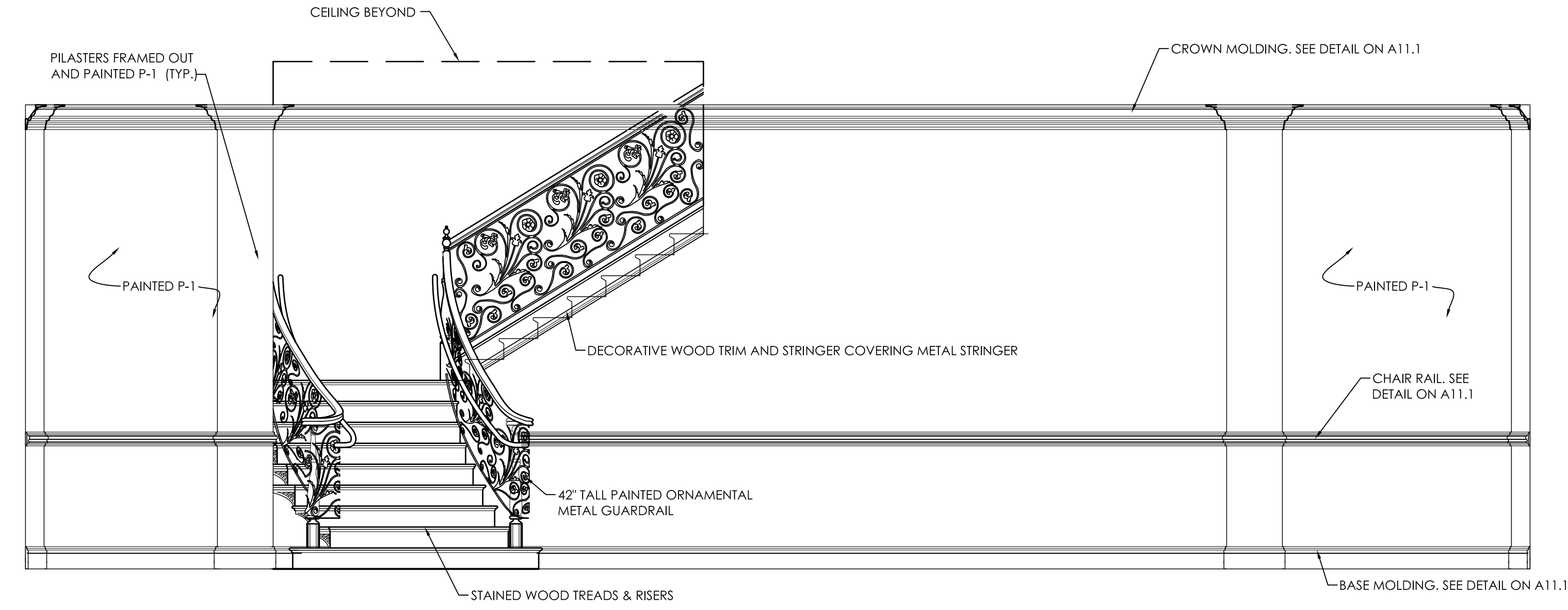
3  
A10.4  
Interior Elevation  
Anchor Room 208  
3/8" = 1'-0"



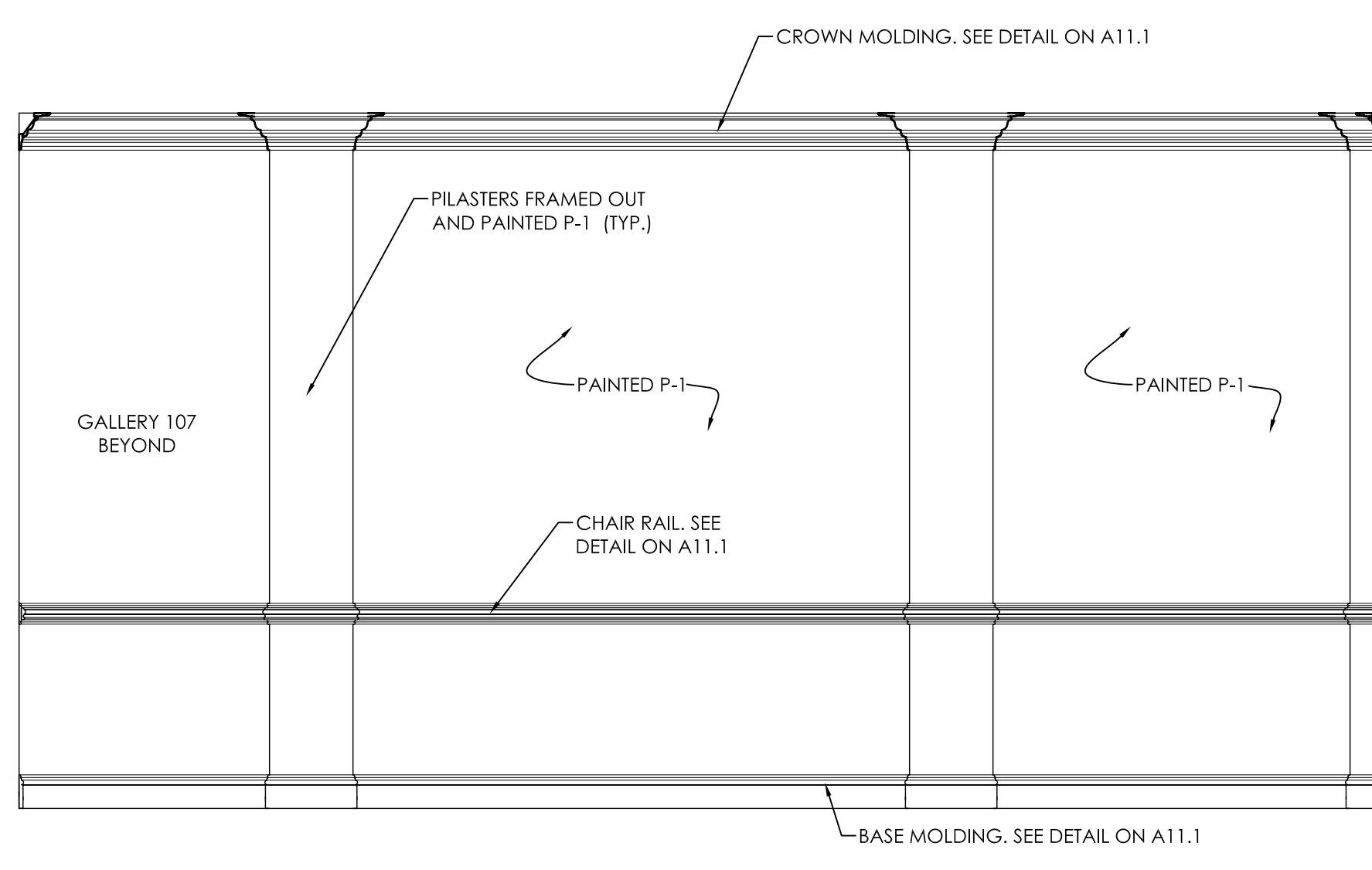
4  
A10.4  
Interior Elevation  
Entry Hall 104  
3/8" = 1'-0"



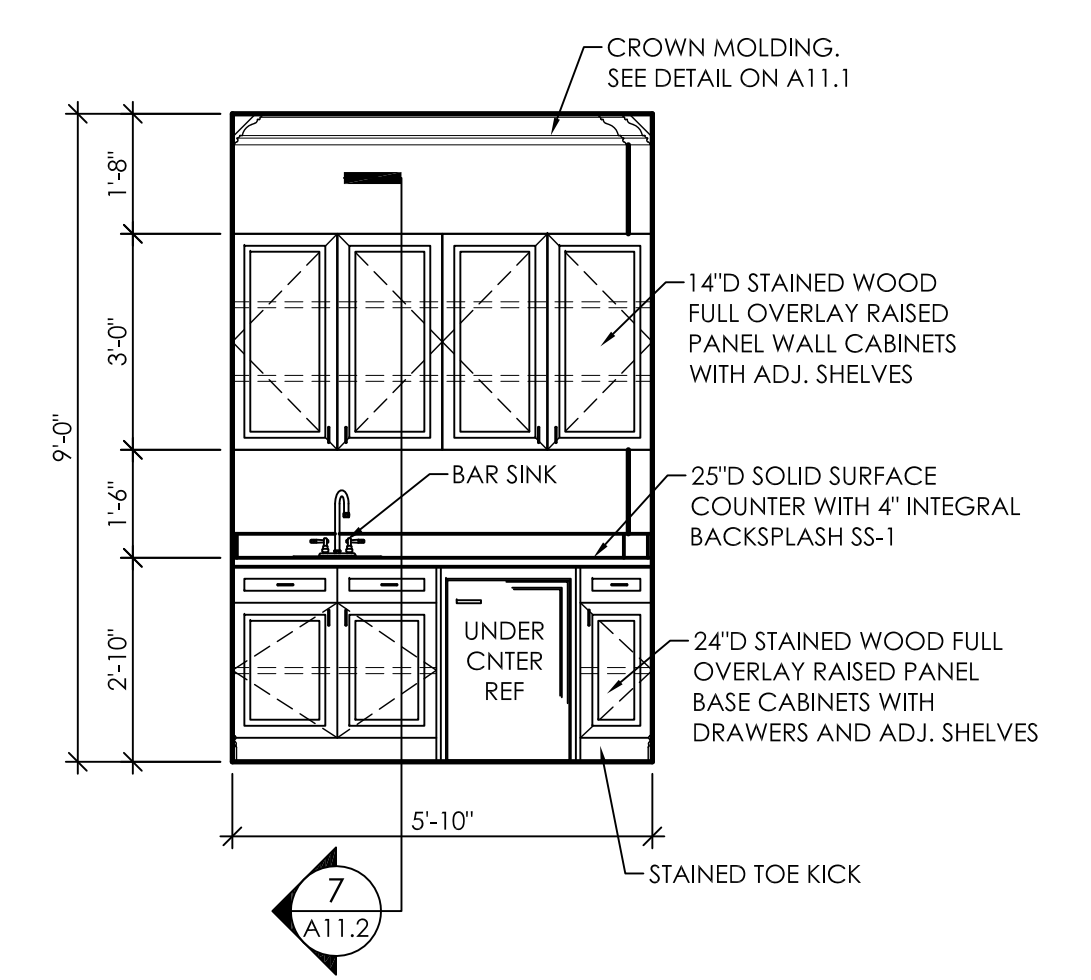
5  
A10.4  
Interior Elevation  
Entry Hall 104  
3/8" = 1'-0"



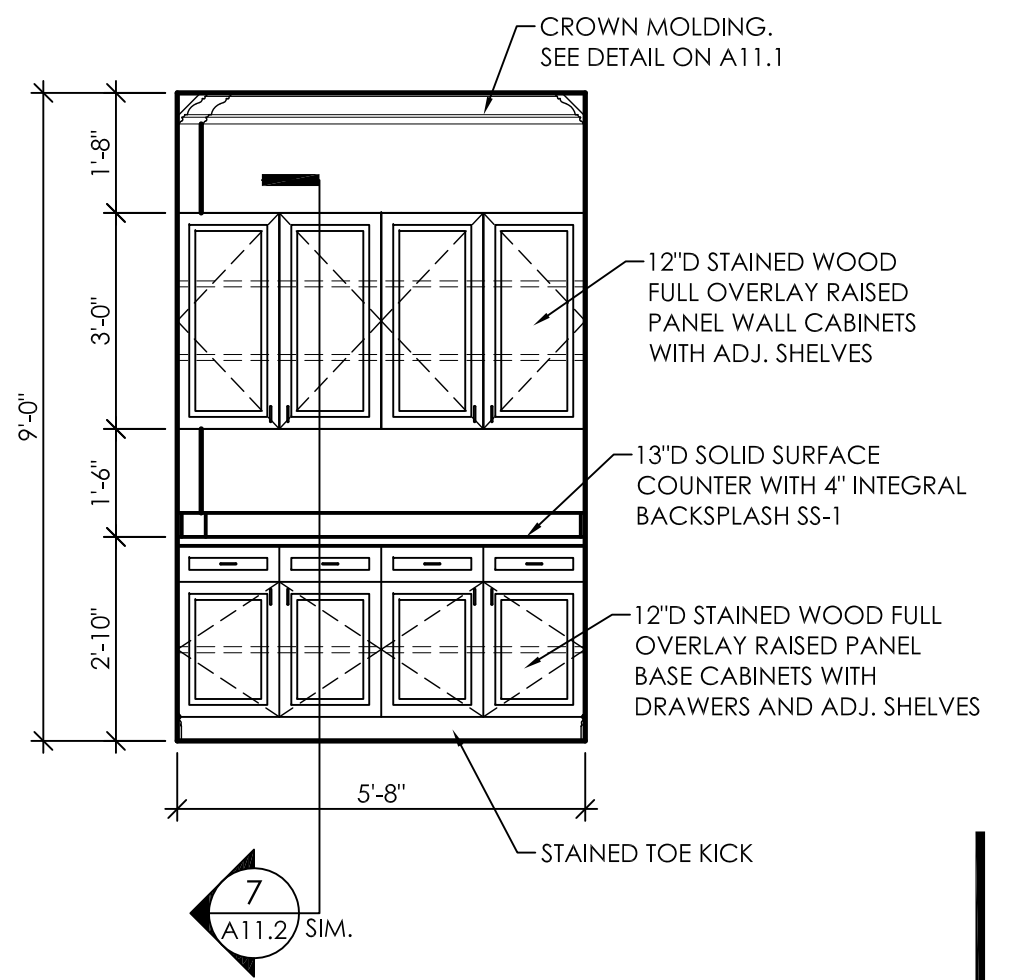
6  
A10.4  
Interior Elevation  
Entry Hall 104  
3/8" = 1'-0"



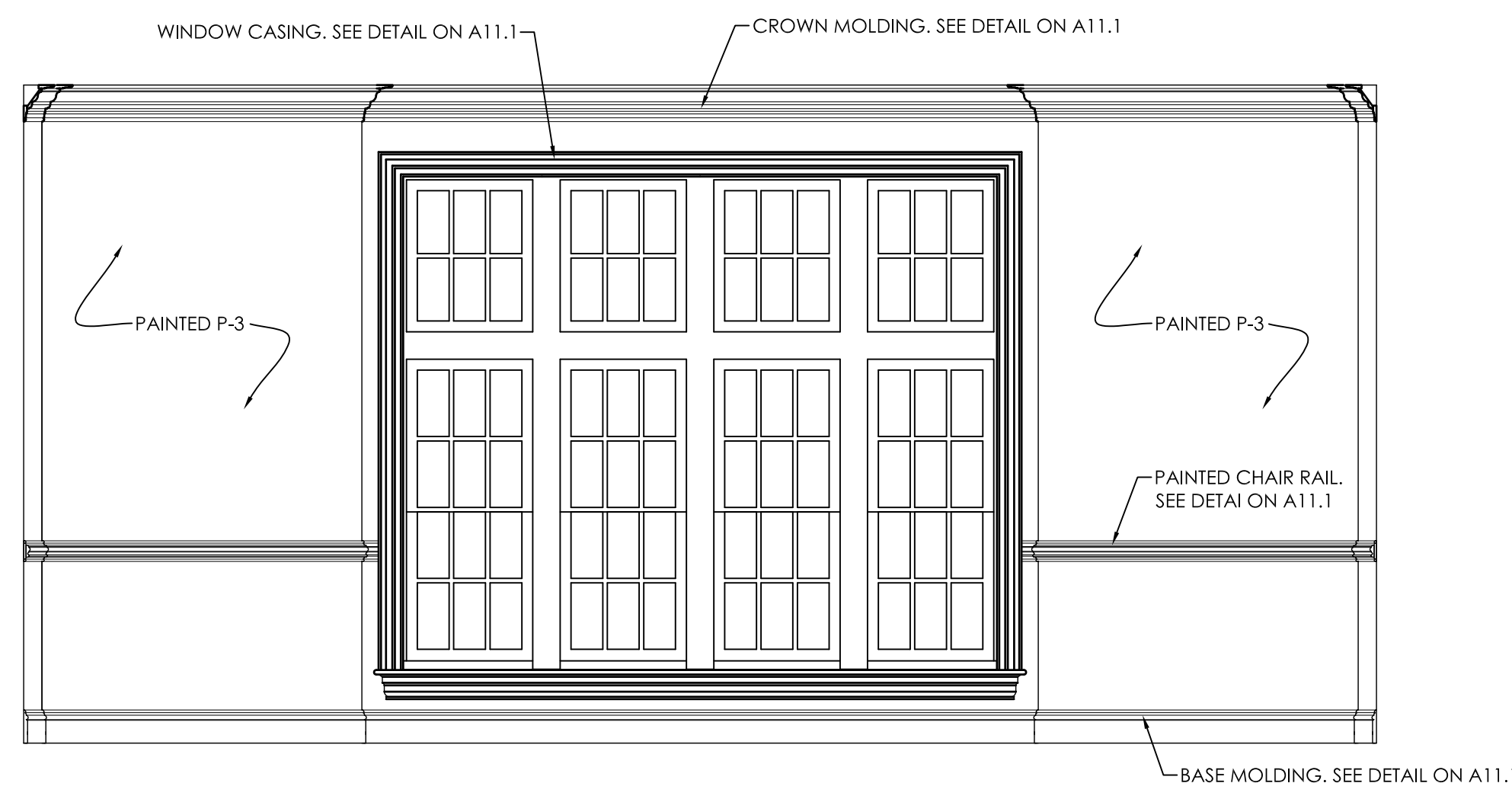
7  
A10.4  
Interior Elevation  
Entry Hall 104  
3/8" = 1'-0"



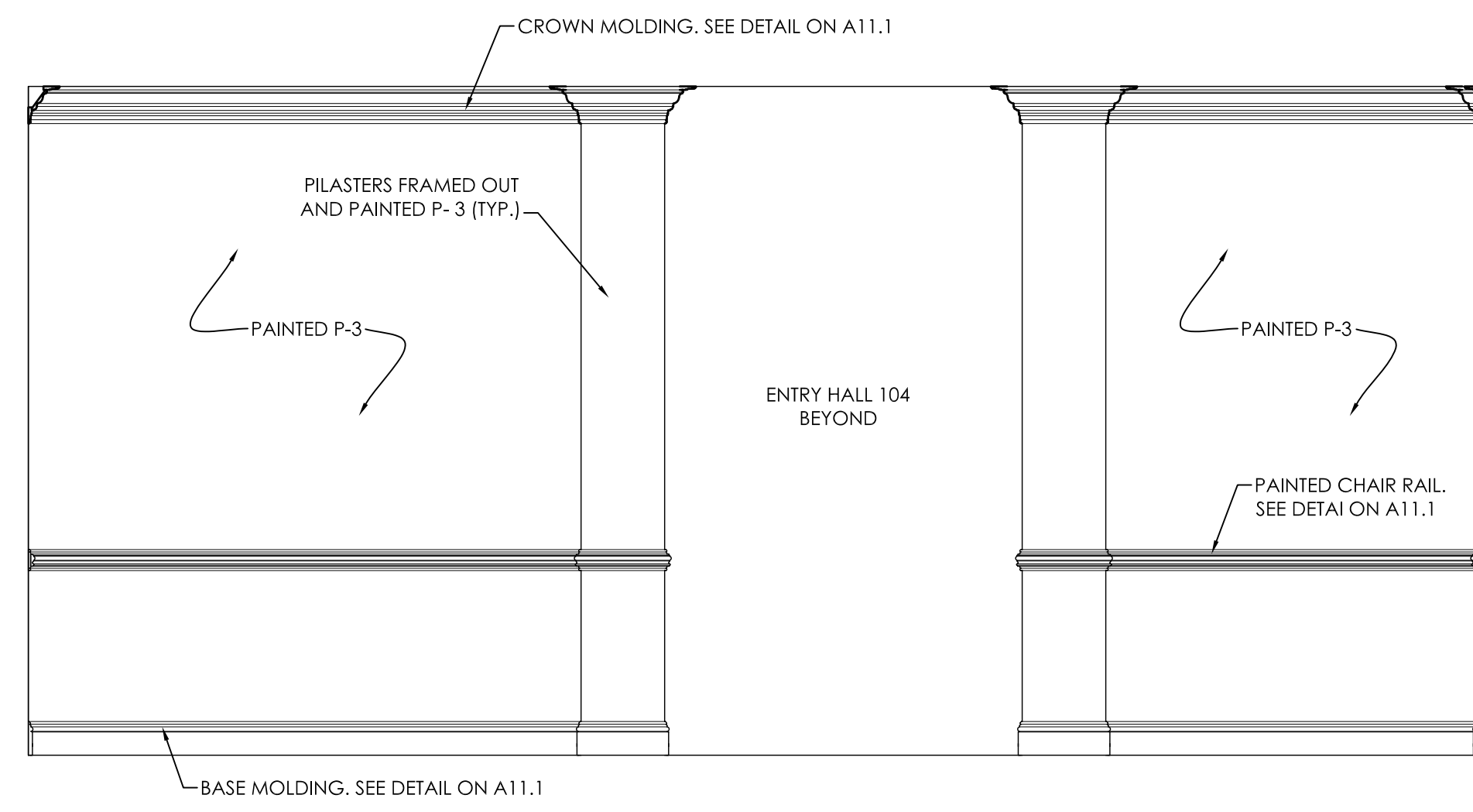
8  
A10.4  
Interior Elevation  
Director Suite 109  
3/8" = 1'-0"



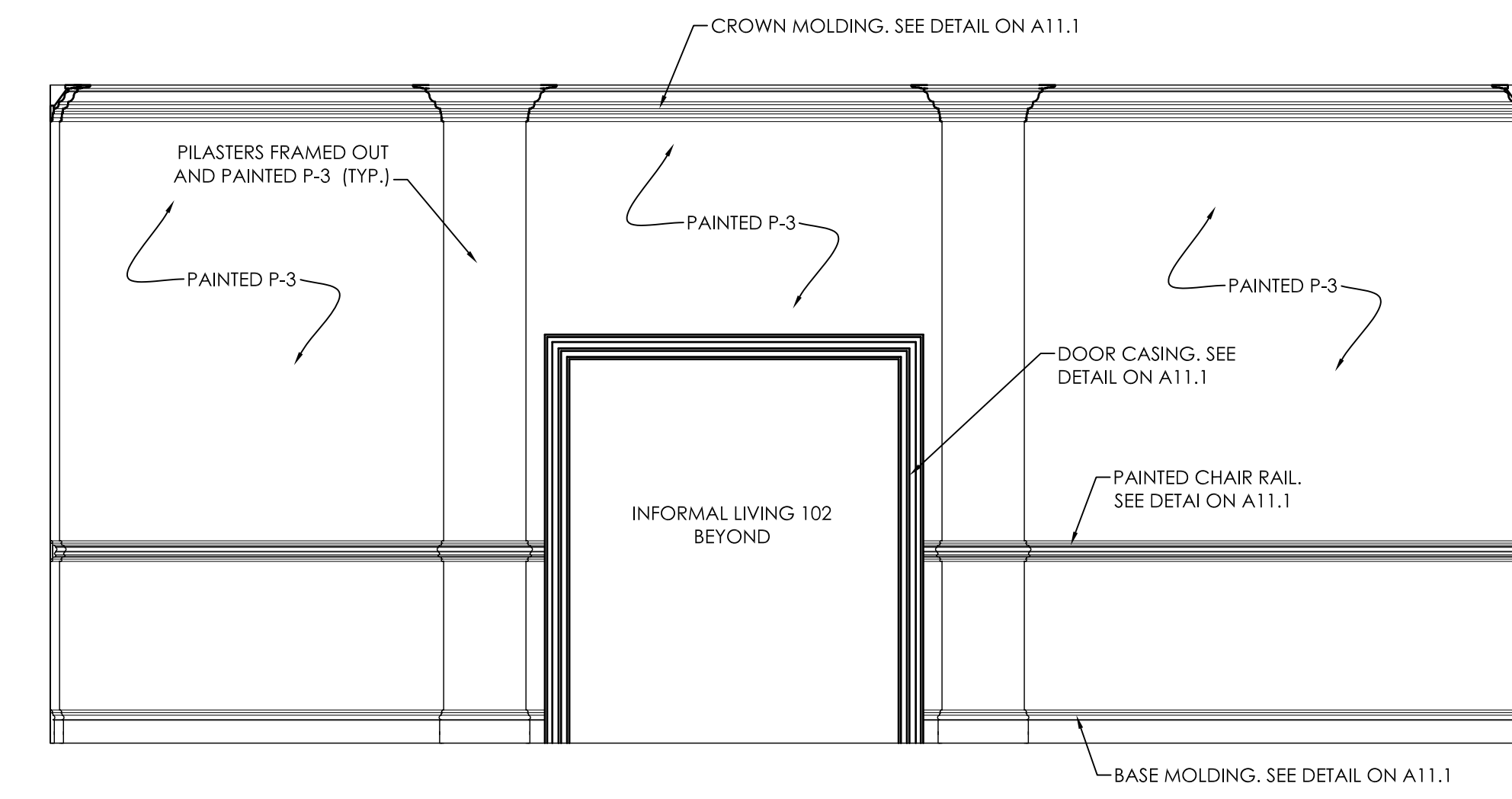
9  
A10.4  
Interior Elevation  
Director Suite 109  
3/8" = 1'-0"



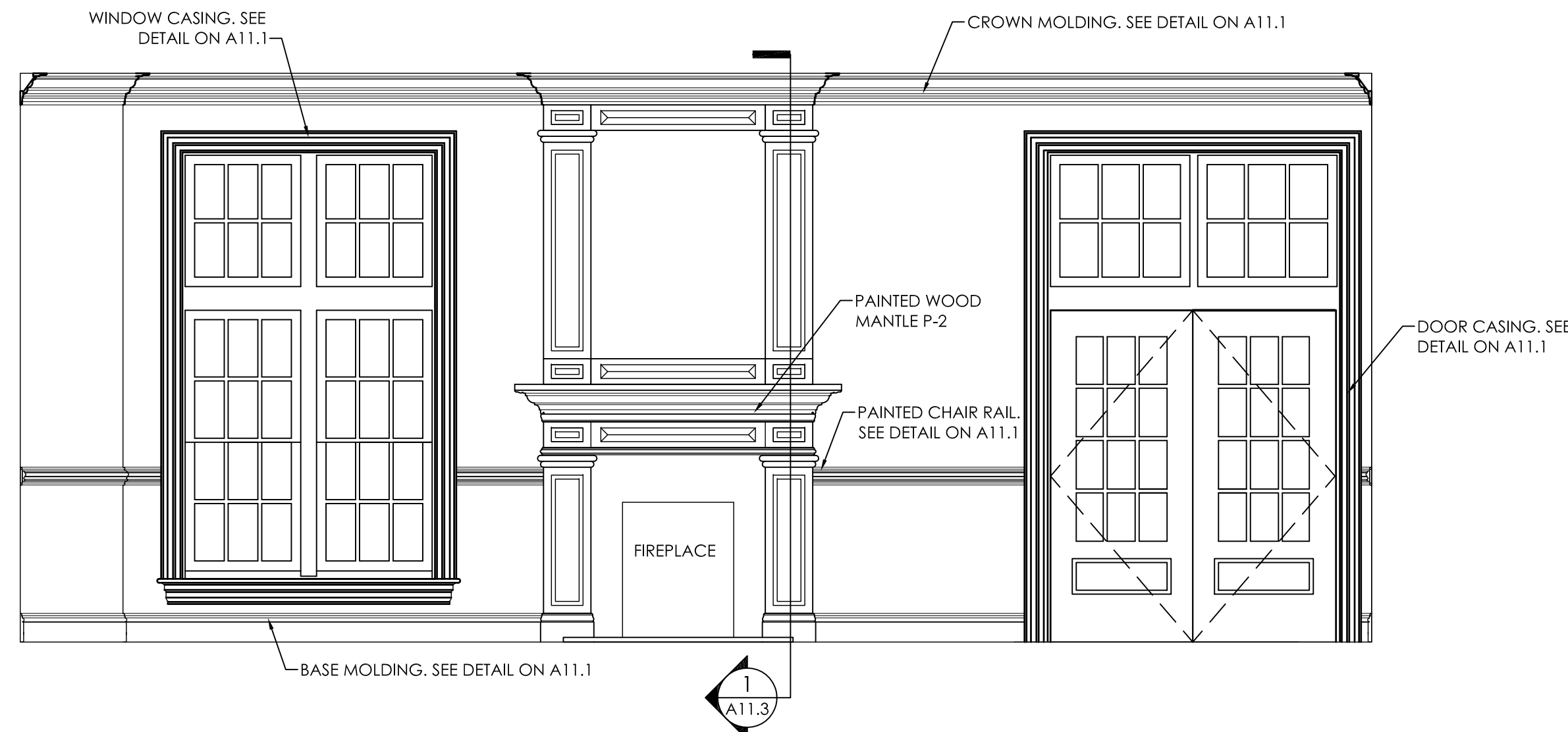
1  
A10.5  
Interior Elevation  
Formal Living 103  
3/8" = 1'-0"



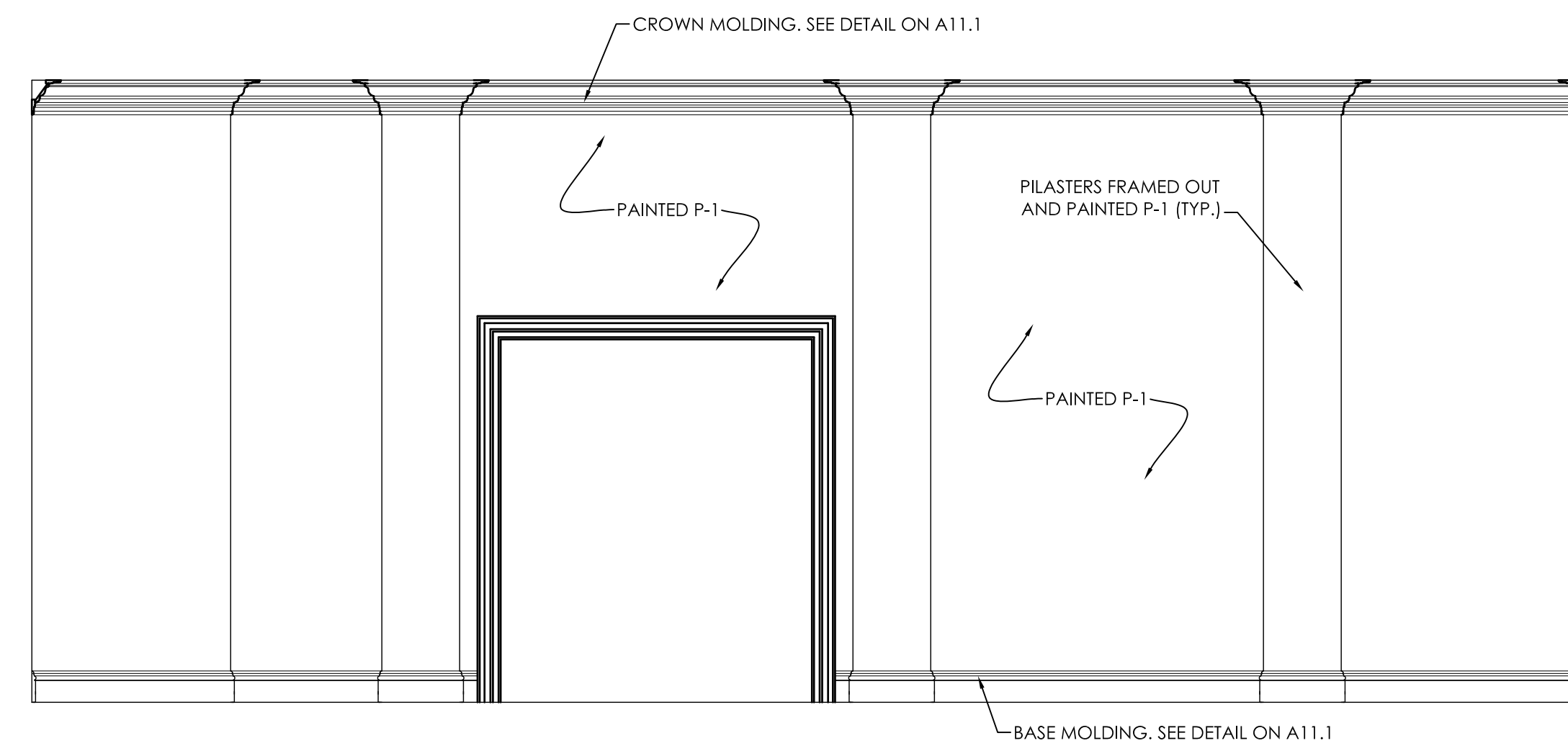
2  
A10.5  
Interior Elevation  
Formal Living 103  
3/8" = 1'-0"



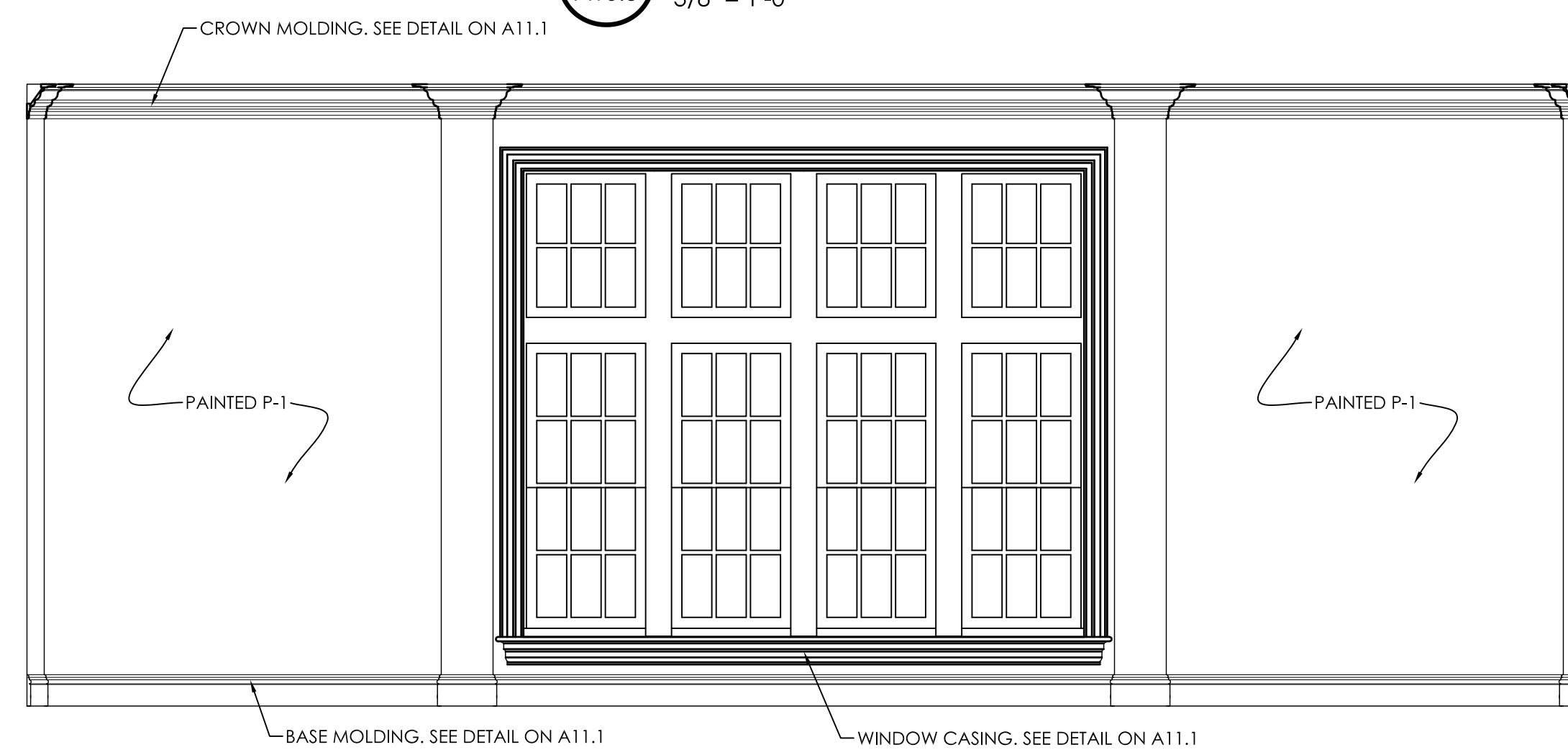
3  
A10.5  
Interior Elevation  
Formal Living 103  
3/8" = 1'-0"



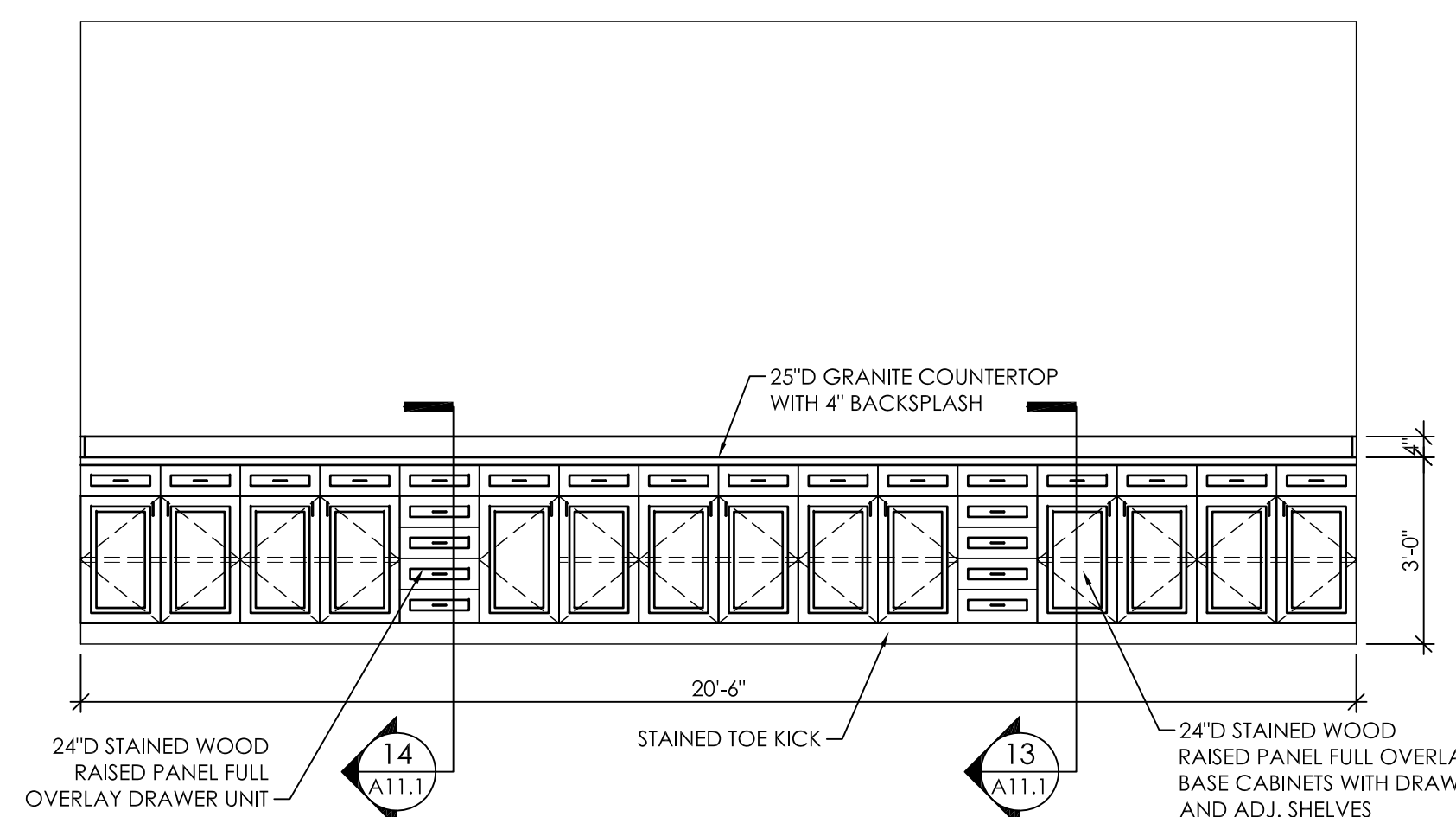
4  
A10.5  
Interior Elevation  
Formal Living 103  
3/8" = 1'-0"



5  
A10.5  
Interior Elevation  
Informal Living 102  
3/8" = 1'-0"

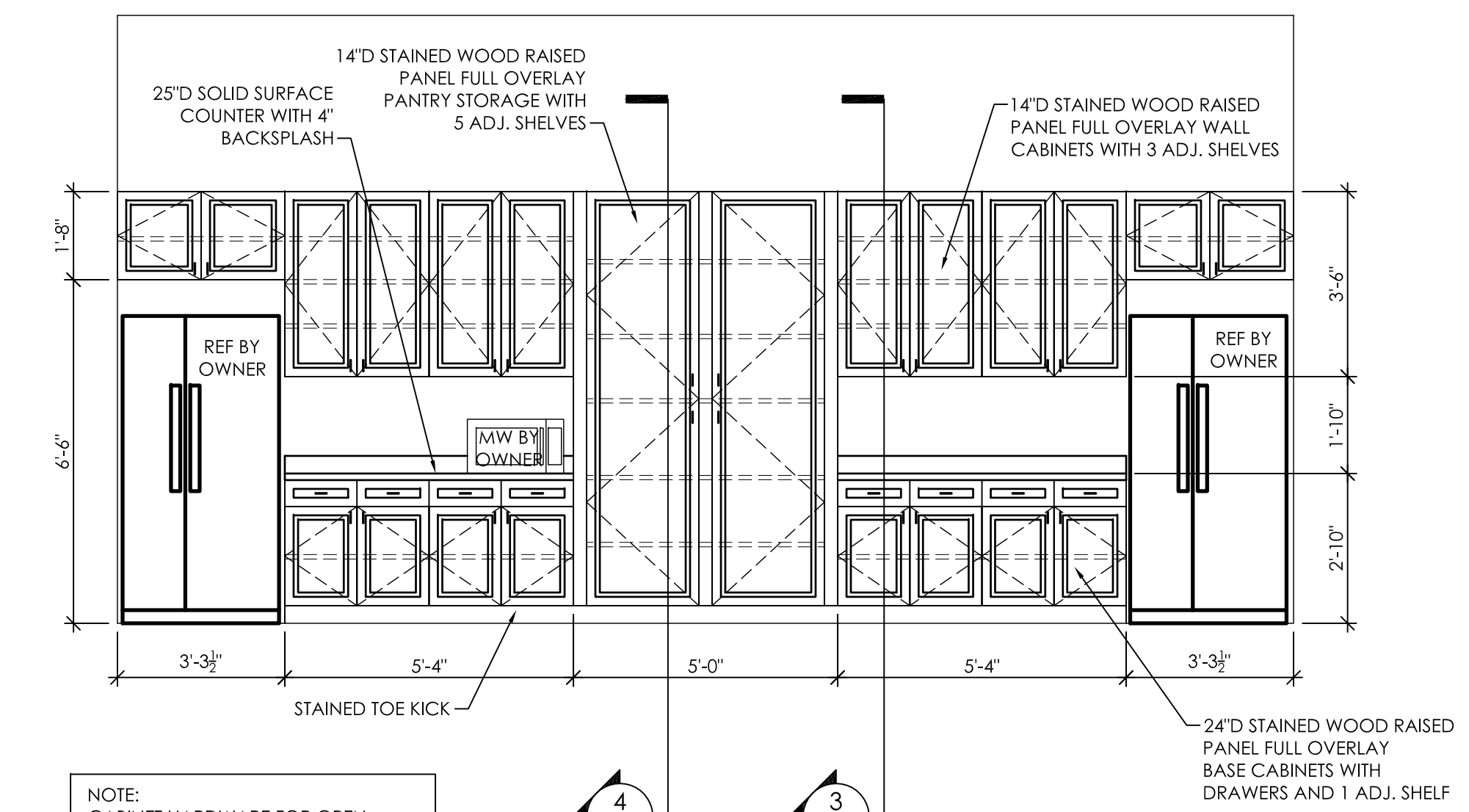


6  
A10.5  
Interior Elevation  
Informal Living 102  
3/8" = 1'-0"



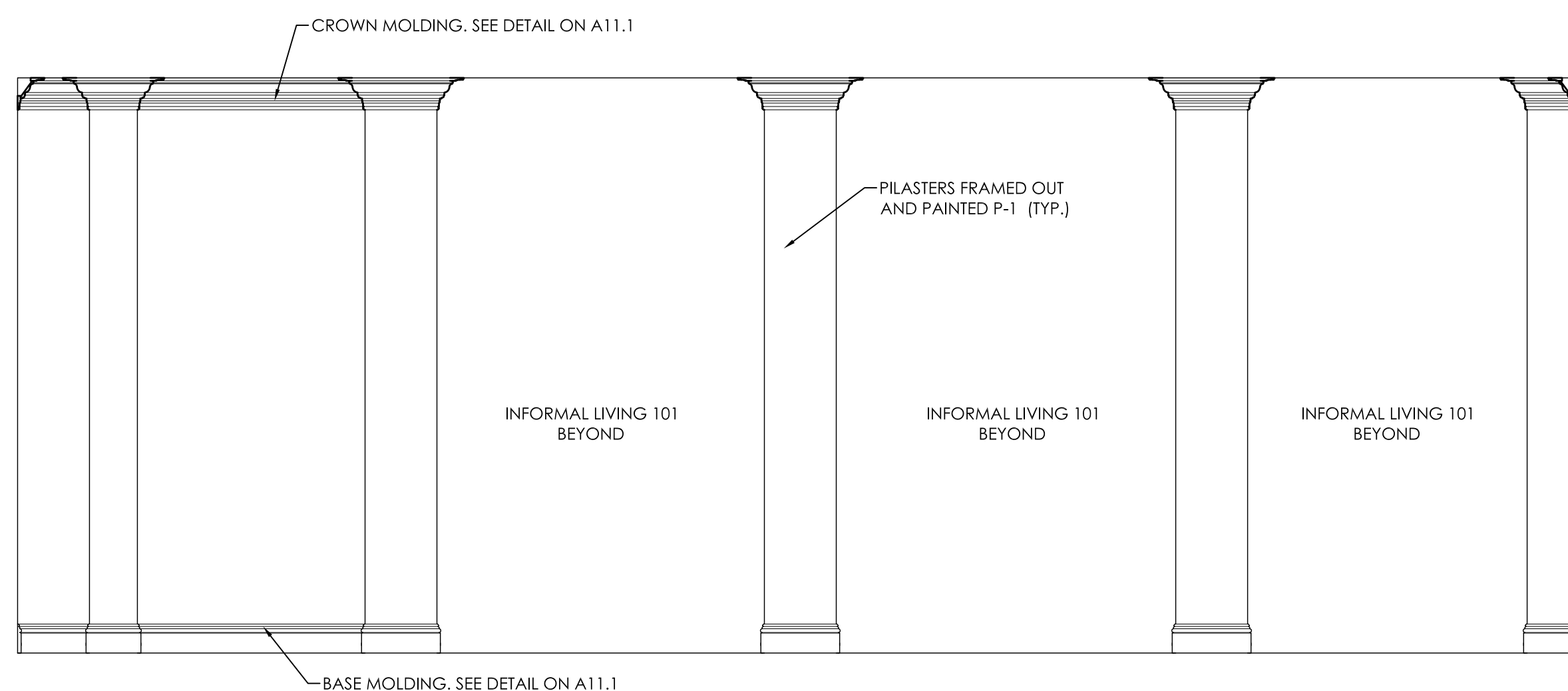
7  
A10.5  
Interior Elevation  
Dining Room 100  
3/8" = 1'-0"

NOTE:  
CABINET HARDWARE FOR DINING ROOM 100 SHALL BE EQUAL TO AMEROCK ALLISON VALUE HARDWARE 128 MM PULL #BP55224-ORB OIL RUBBED BRONZE FINISH.

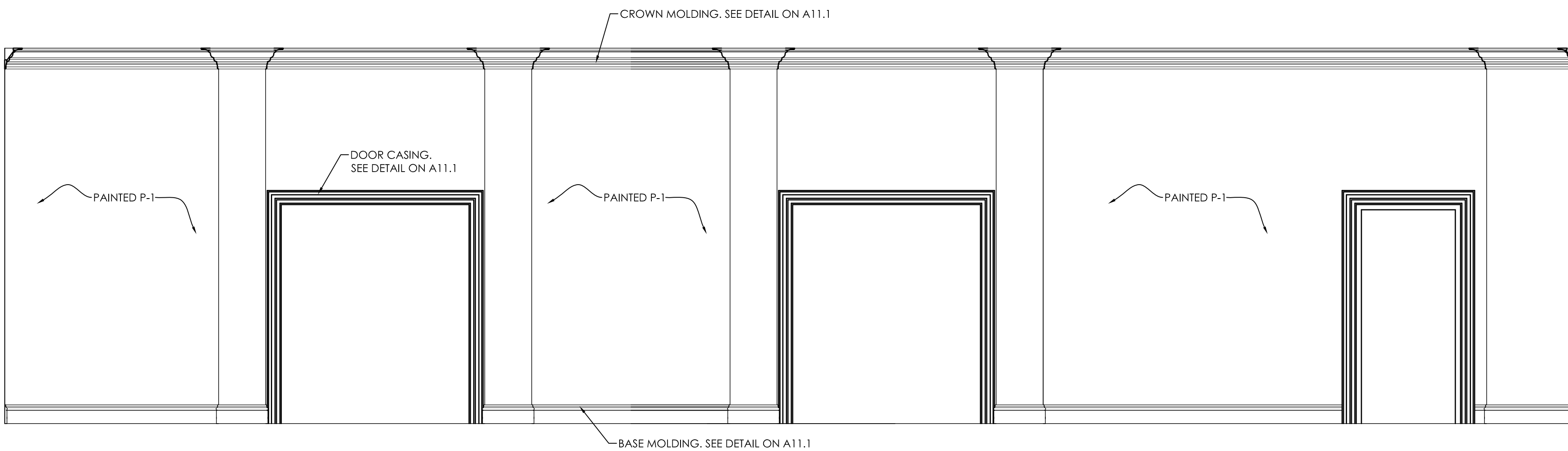


8  
A10.5  
Interior Elevation  
Open Kitchen 114  
3/8" = 1'-0"

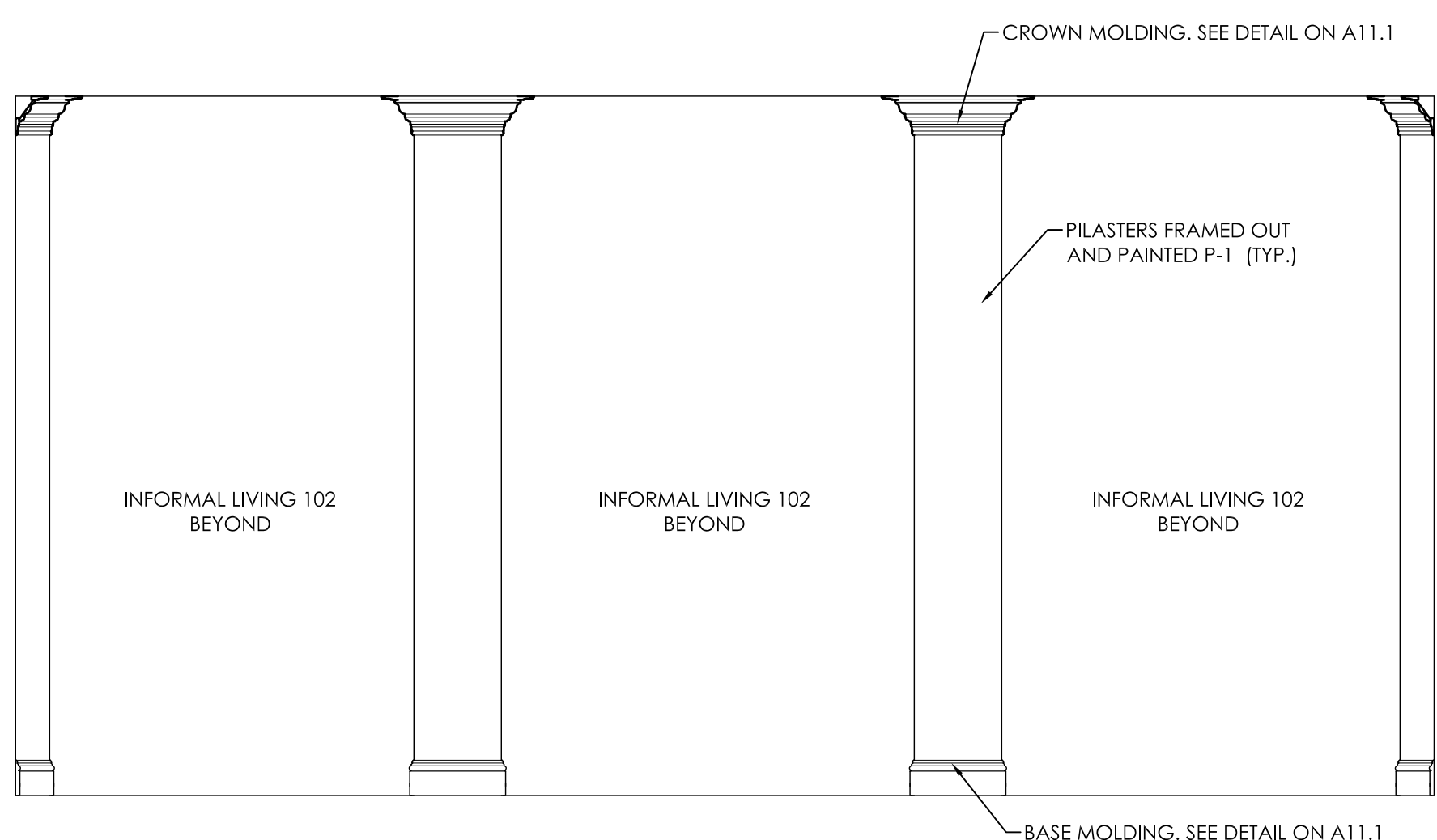
NOTE:  
CABINET HARDWARE FOR OPEN KITCHEN 114 SHALL BE EQUAL TO AMEROCK ALLISON VALUE HARDWARE 128 MM PULL #BP55224-ORB OIL RUBBED BRONZE FINISH.



1  
A10.6  
3/8" = 1'-0"



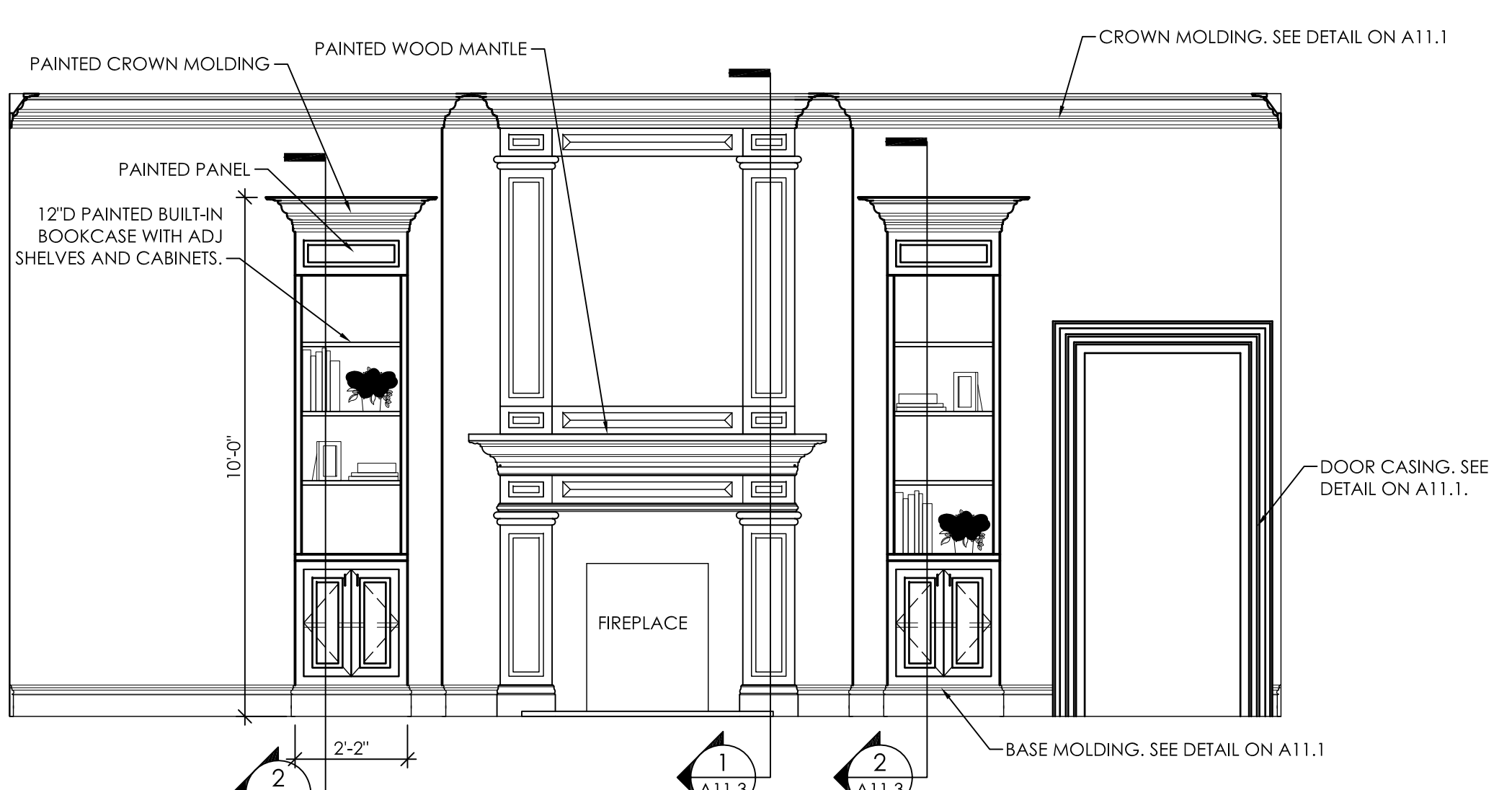
2  
A10.6  
3/8" = 1'-0"



3  
A10.6  
3/8" = 1'-0"

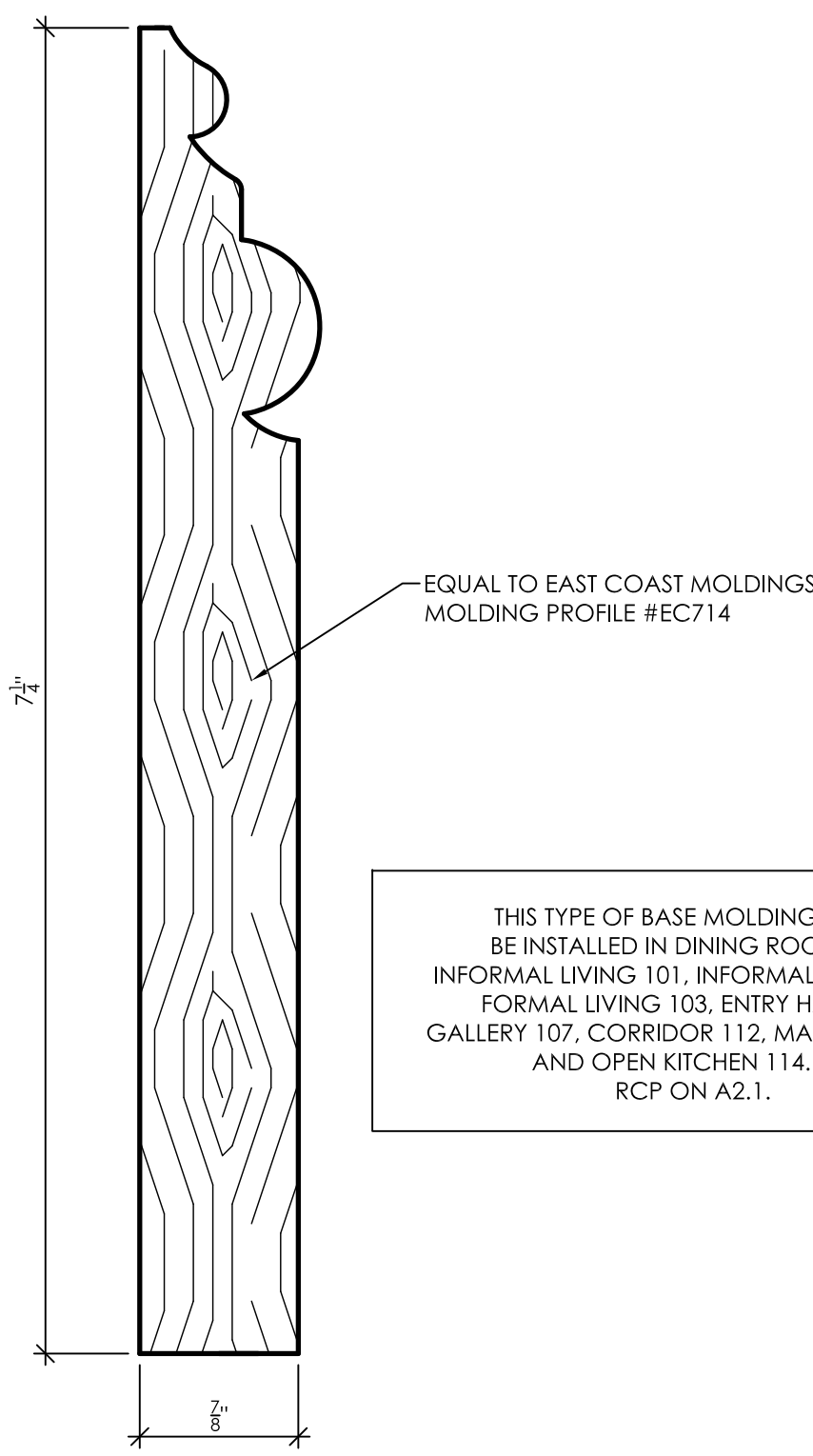


4  
A10.6  
3/8" = 1'-0"



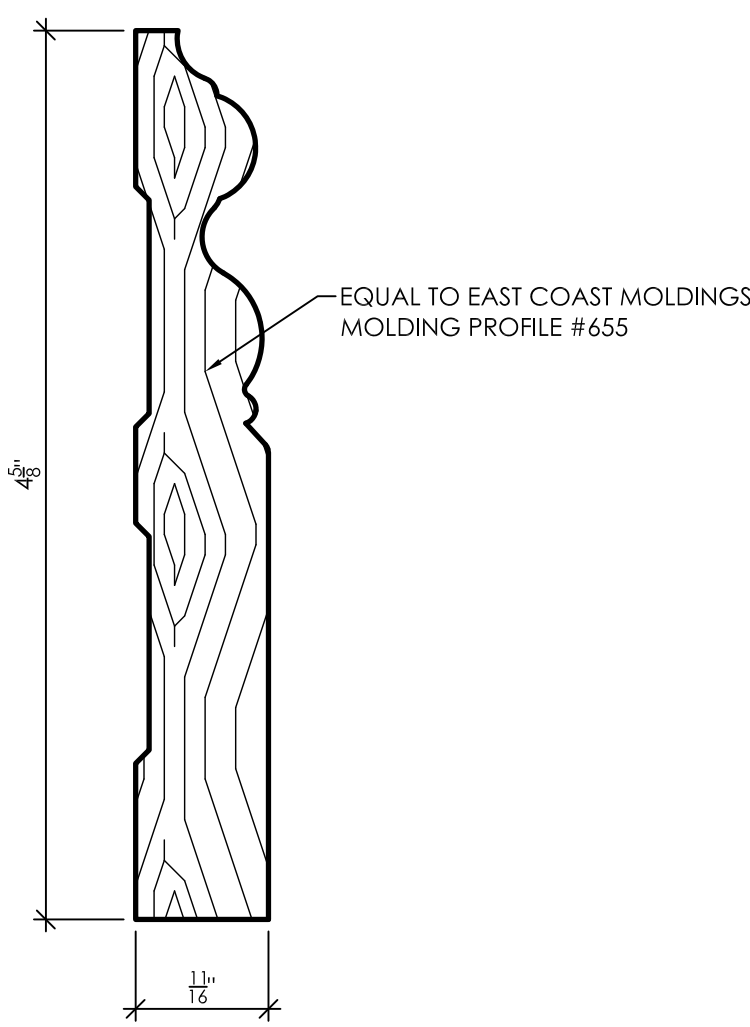
5  
A10.6  
3/8" = 1'-0"

JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	LCR
<b>Interior Elevations</b>	
SHEET NUMBER	A10.6



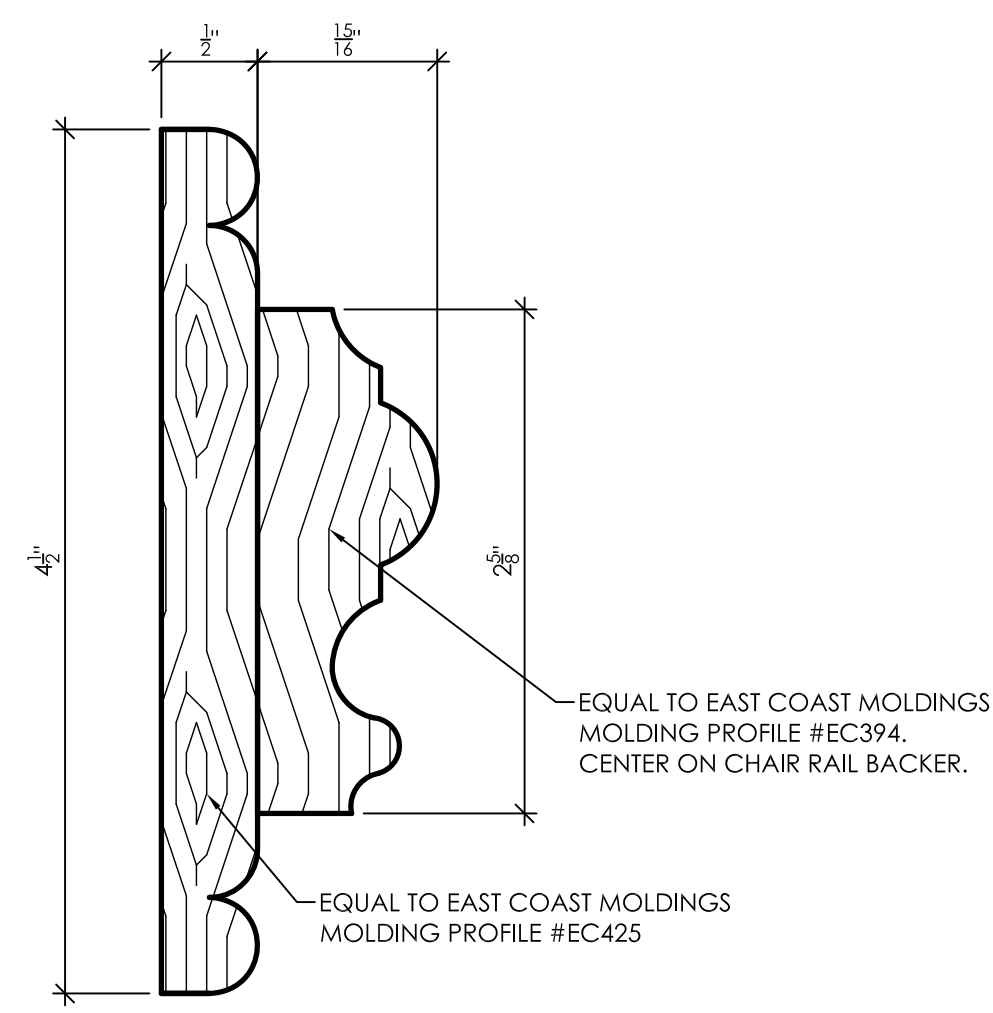
THIS TYPE OF BASE MOLDING SHALL BE INSTALLED IN DINING ROOM 100, INFORMAL LIVING 101, INFORMAL LIVING 102, FORMAL LIVING 103, ENTRY HALL 104, GALLERY 107, CORRIDOR 112, MAIL ROOM 113 AND OPEN KITCHEN 114. SEE RCP ON A2.1.

1 Detail Profile of Base Molding A  
A11.1 1" = 1'-0"



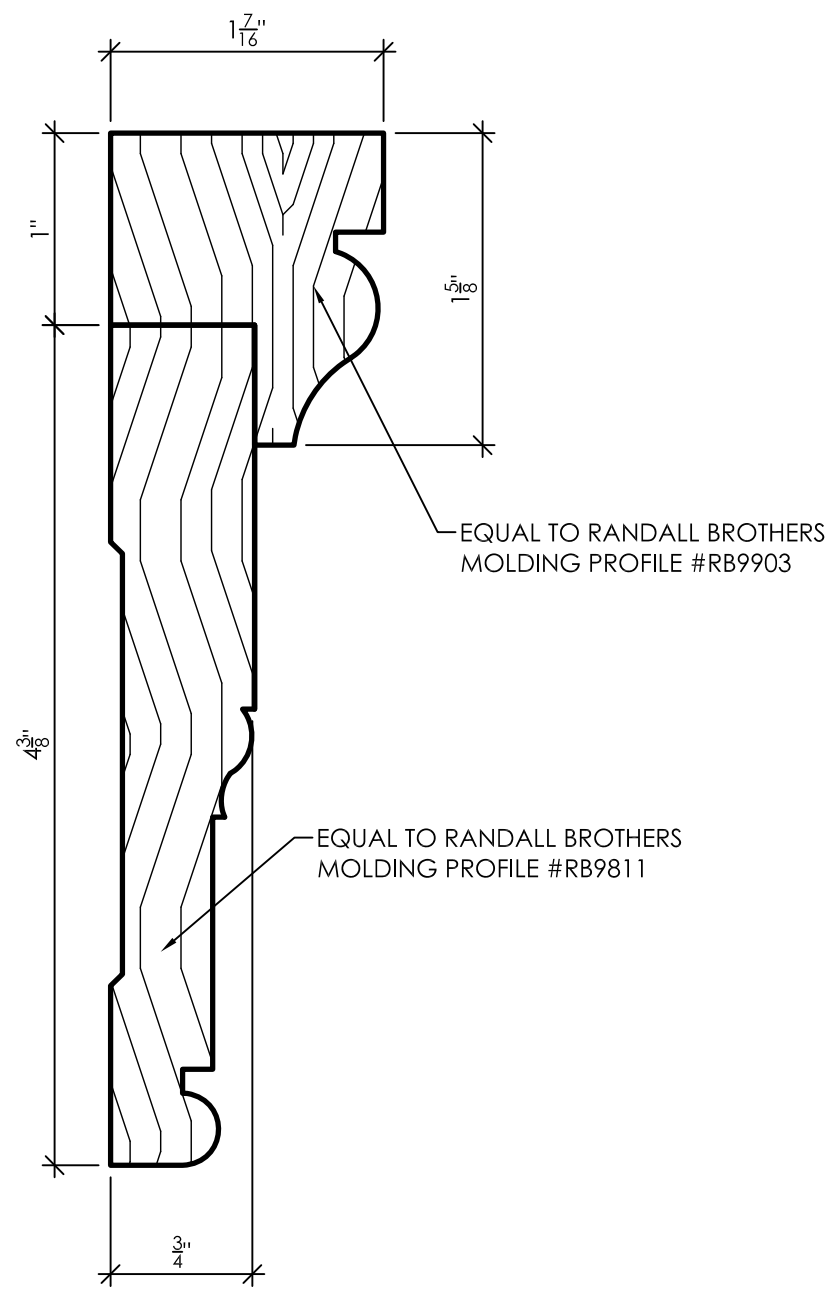
THIS TYPE OF BASE MOLDING SHALL BE INSTALLED IN OFFICE 108, HOUSE DIRECTOR SUITE 109, AND BEDROOM 110. SEE RCP ON A2.1.

2 Detail Profile of Base Molding B  
A11.1 1" = 1'-0"



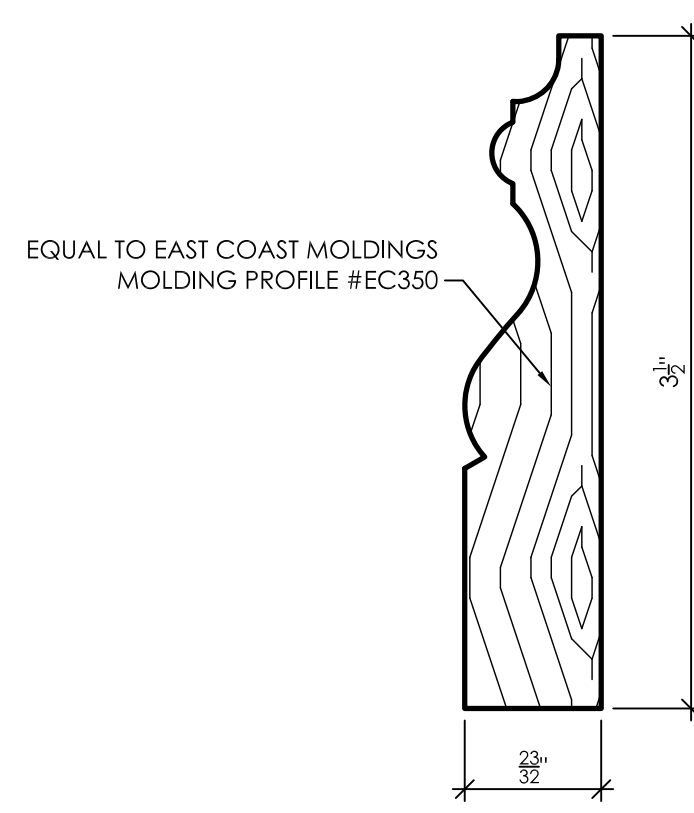
THIS CHAIR RAIL MOLDING SHALL BE INSTALLED IN FORMAL LIVING 103 AND ENTRY HALL 104. SEE INTERIOR ELEVATIONS ON A10.4 AND A10.5.

3 Detail Profile of Chair Rail Molding  
A11.1 1" = 1'-0"



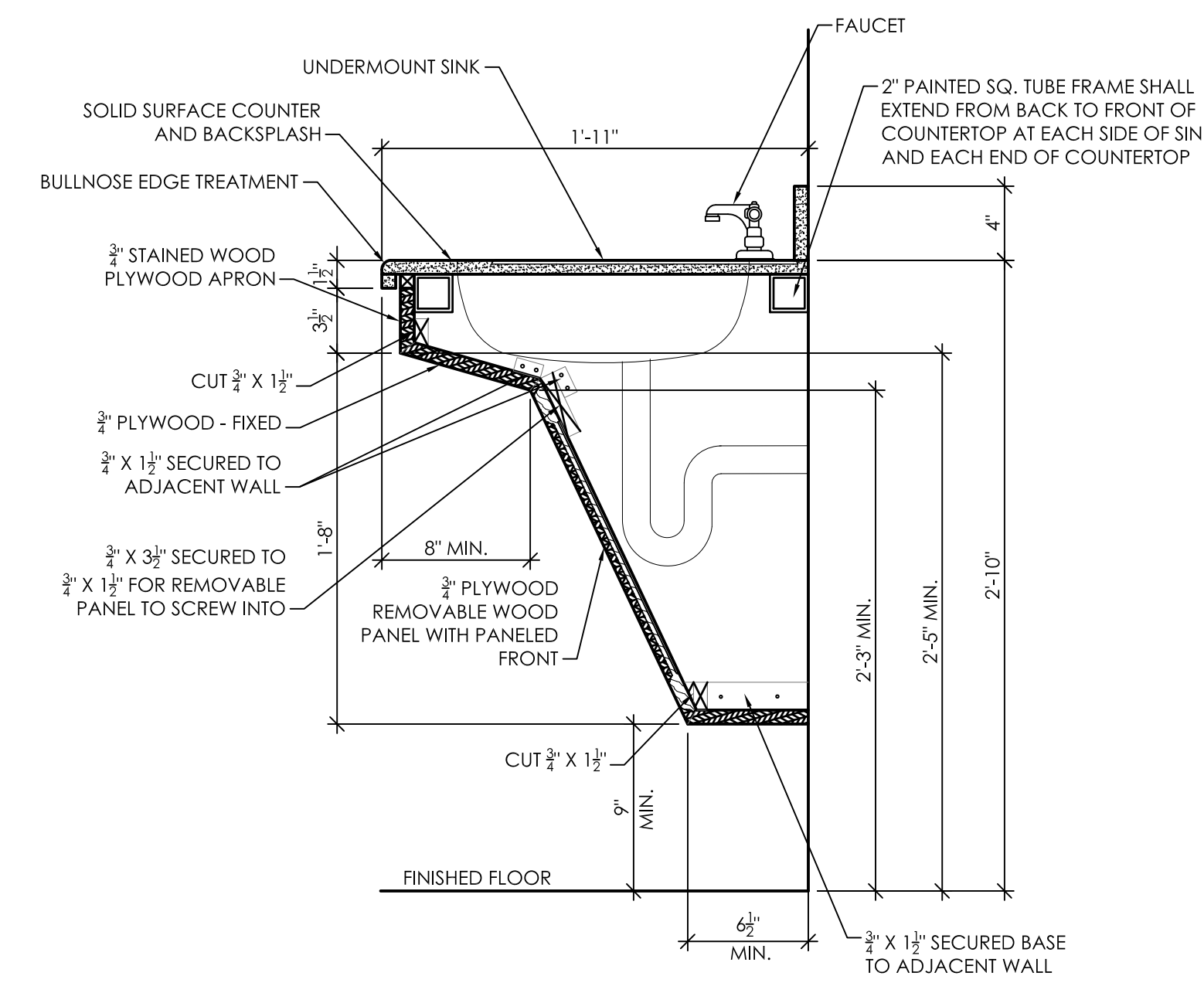
THIS TYPE OF DOOR AND WINDOW CASING SHALL BE INSTALLED IN DINING ROOM 100, INFORMAL LIVING 101, INFORMAL LIVING 102, FORMAL LIVING 103, ENTRY HALL 104, GALLERY 107, CORRIDOR 112, MAIL ROOM 113 AND OPEN KITCHEN 114.

4 Detail Profile of Door and Window Molding A  
A11.1 1" = 1'-0"  
\* SEE HEAD JAMB AND SILL DETAILS

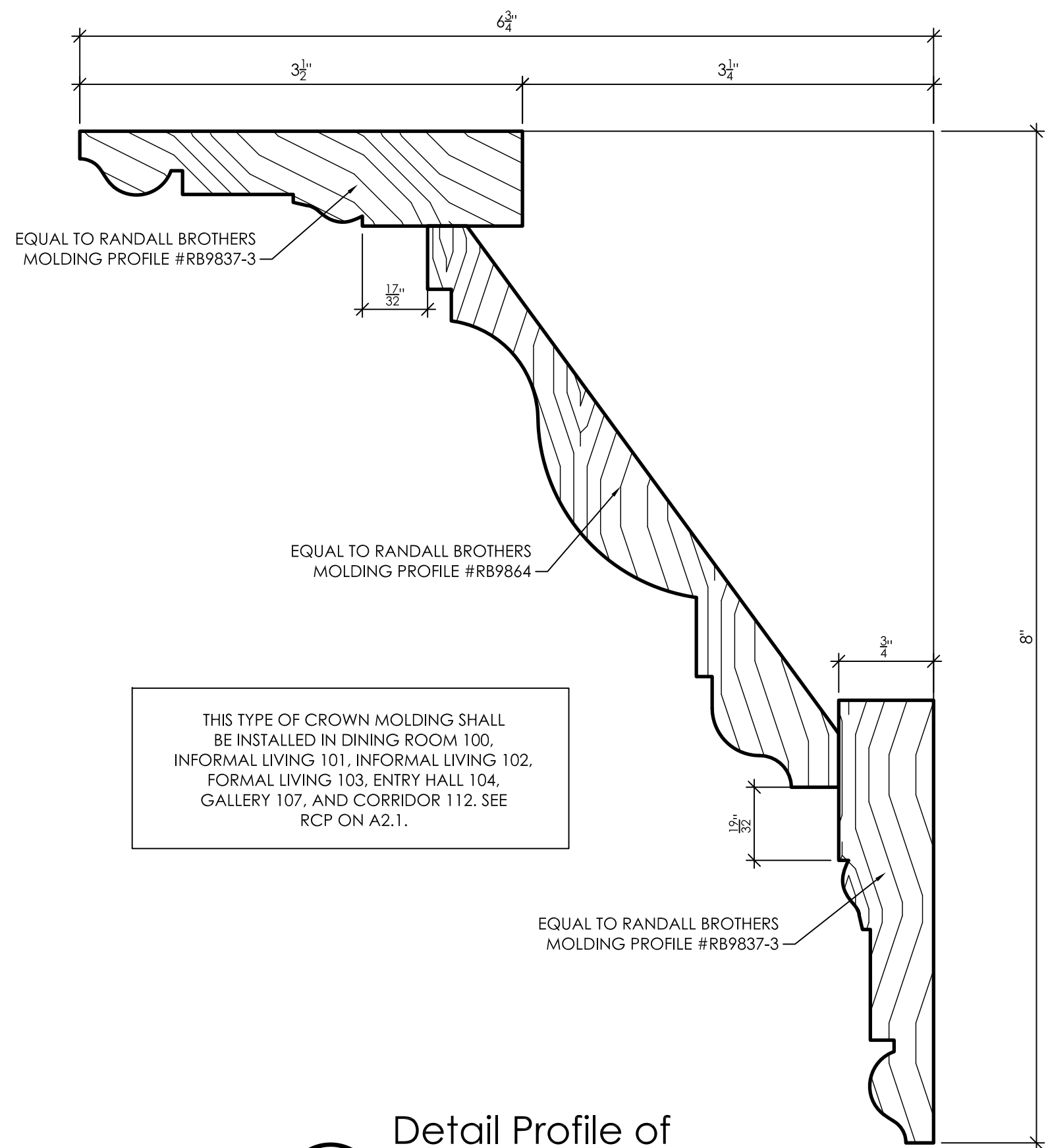


THIS TYPE OF DOOR AND WINDOW CASING SHALL BE INSTALLED AT ALL WINDOWS NOT INDICATED FOR INSTALLATION OF TYPE A MOLDING.

5 Detail Profile of Door and Window Molding B  
A11.1 1" = 1'-0"  
\* SEE HEAD JAMB AND SILL DETAILS

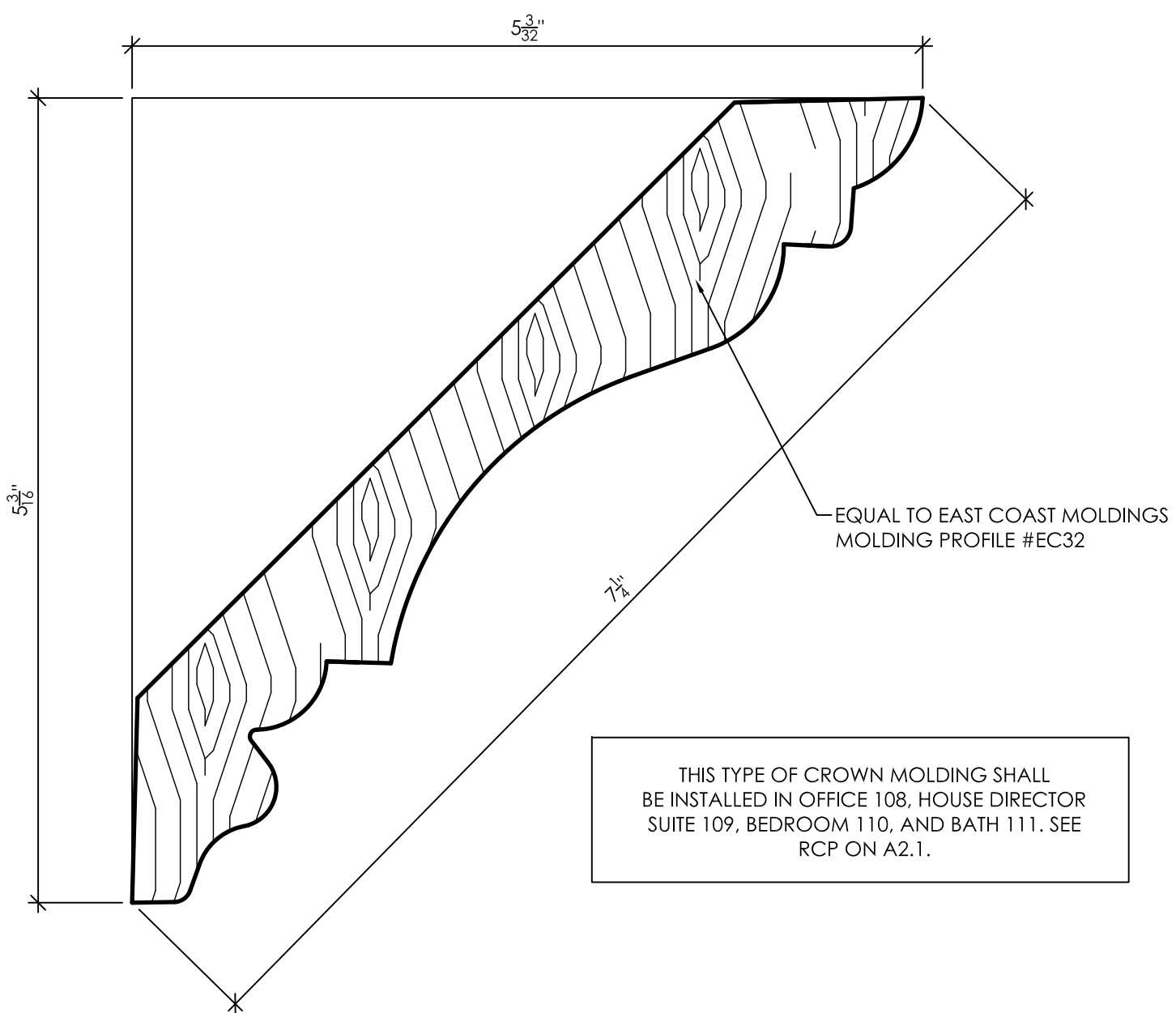


8 Detail of Restroom Vanity  
A11.1 1 1/2" = 1'-0"



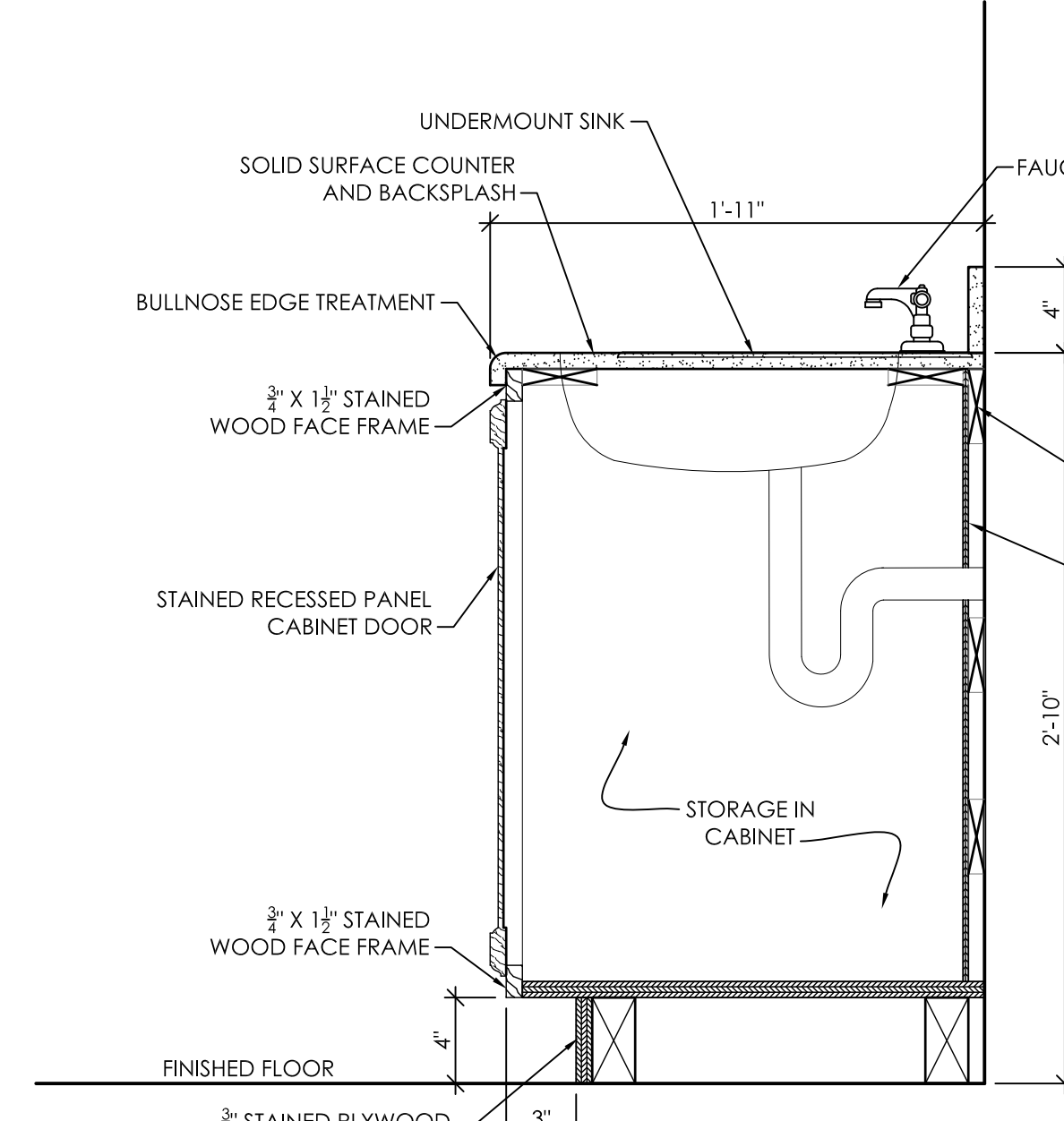
THIS TYPE OF CROWN MOLDING SHALL BE INSTALLED IN DINING ROOM 100, INFORMAL LIVING 101, INFORMAL LIVING 102, FORMAL LIVING 103, ENTRY HALL 104, GALLERY 107, AND CORRIDOR 112. SEE RCP ON A2.1.

6 Detail Profile of Crown Molding A  
A11.1 1" = 1'-0"

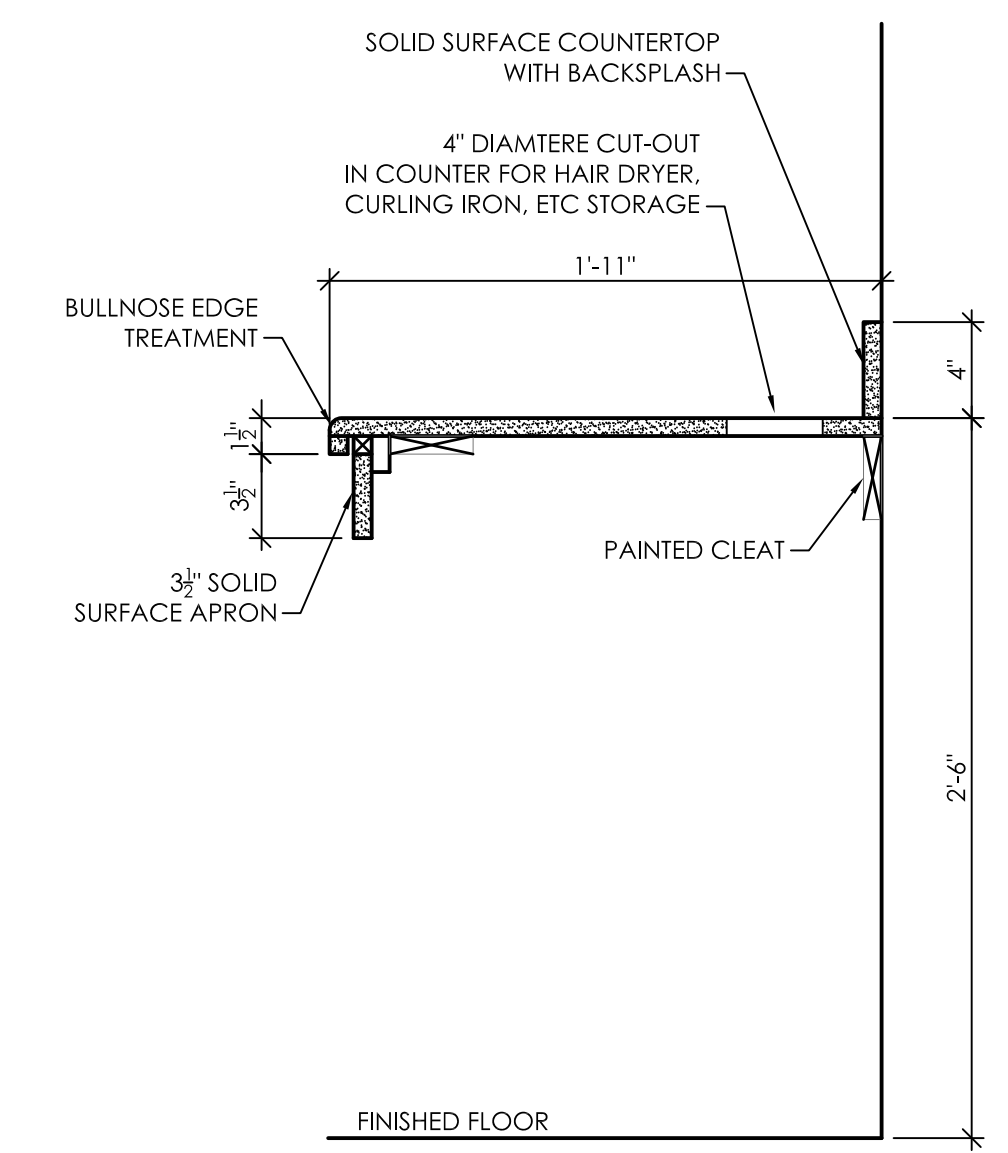


THIS TYPE OF CROWN MOLDING SHALL BE INSTALLED IN OFFICE 108, HOUSE DIRECTOR SUITE 109, BEDROOM 110, AND BATH 111. SEE RCP ON A2.1.

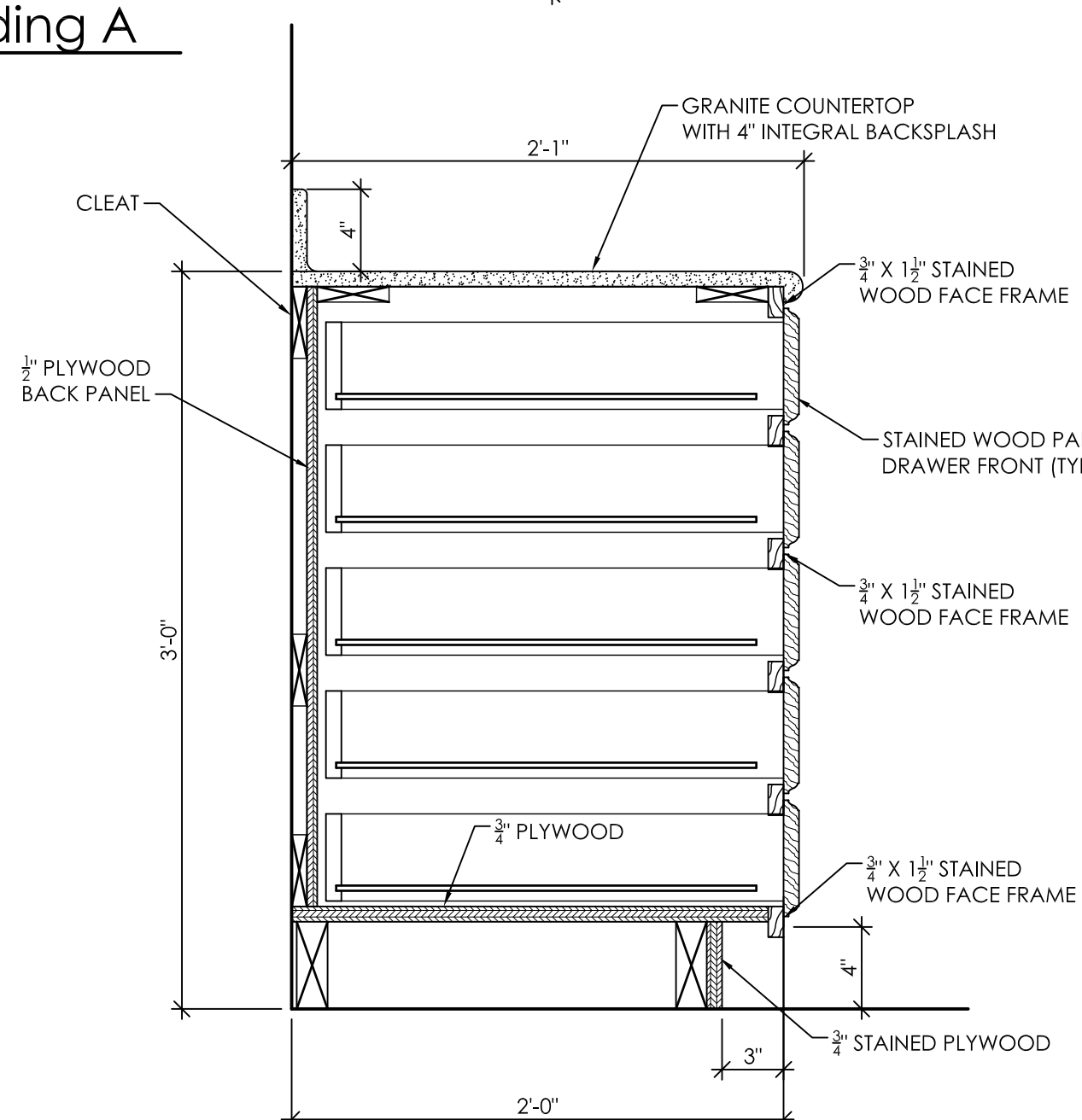
7 Detail Profile of Crown Molding B  
A11.1 1" = 1'-0"



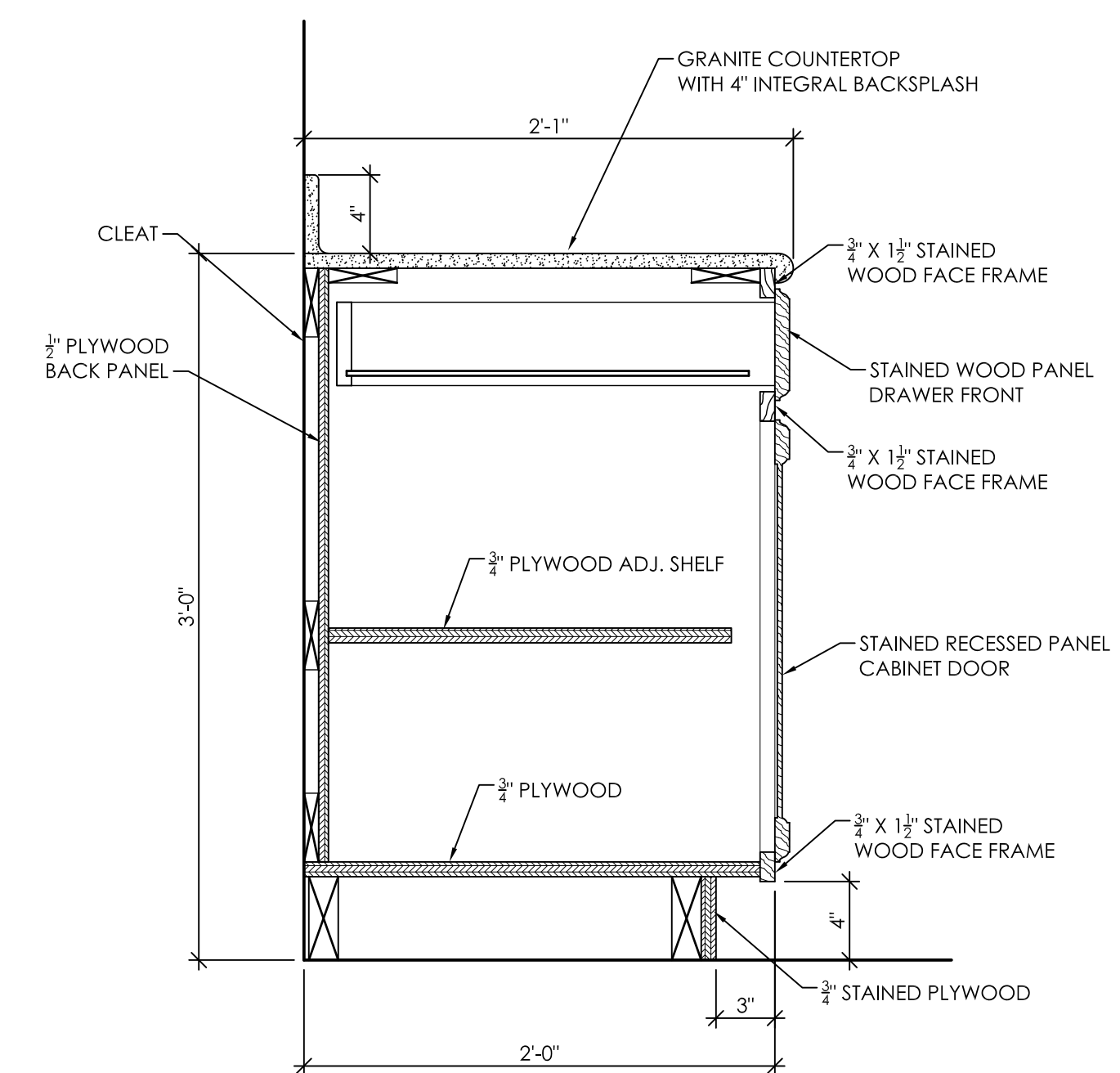
9 Detail of Restroom Vanity  
A11.1 1 1/2" = 1'-0"



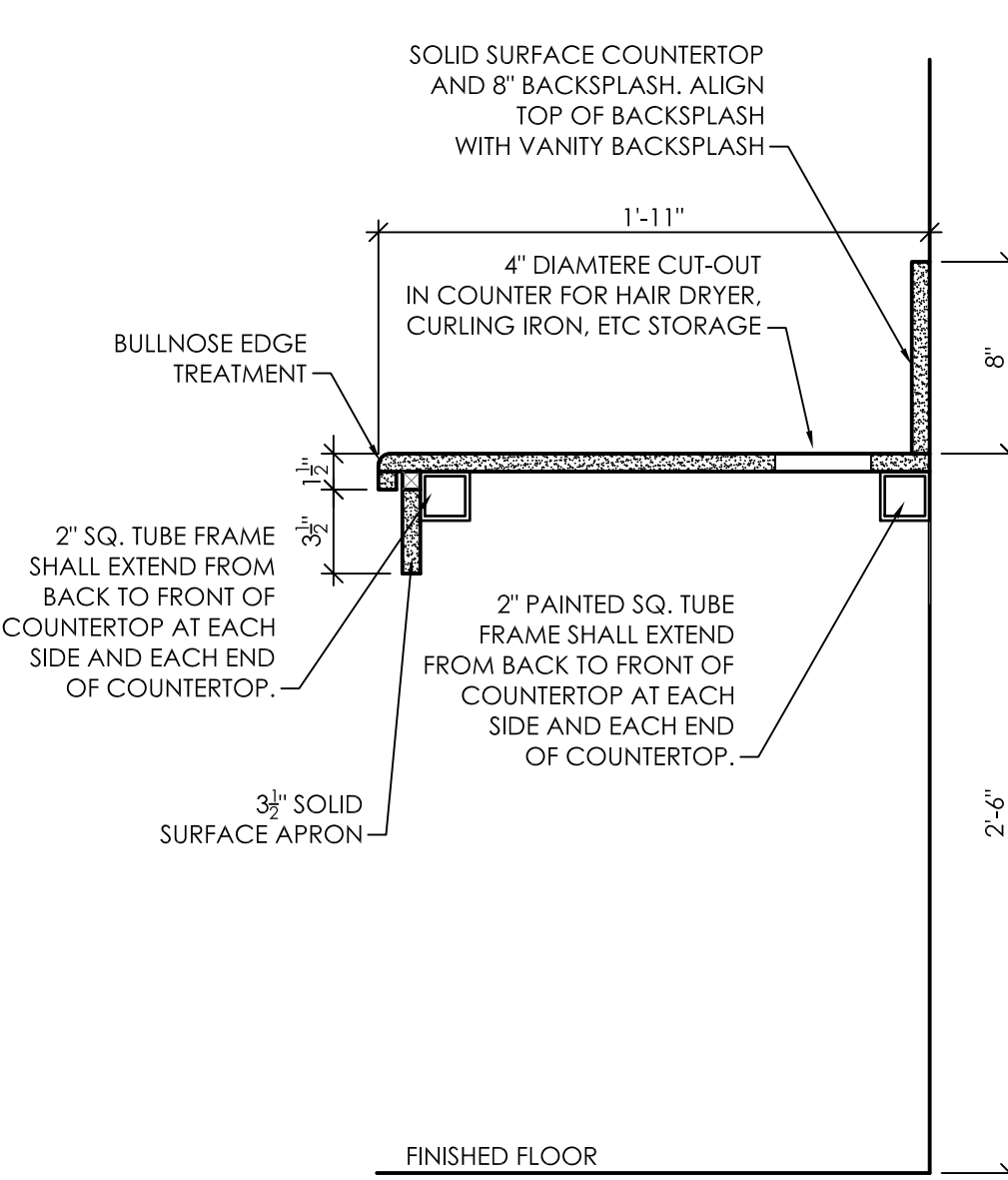
10 Detail of Restroom Vanity  
A11.1 1 1/2" = 1'-0"



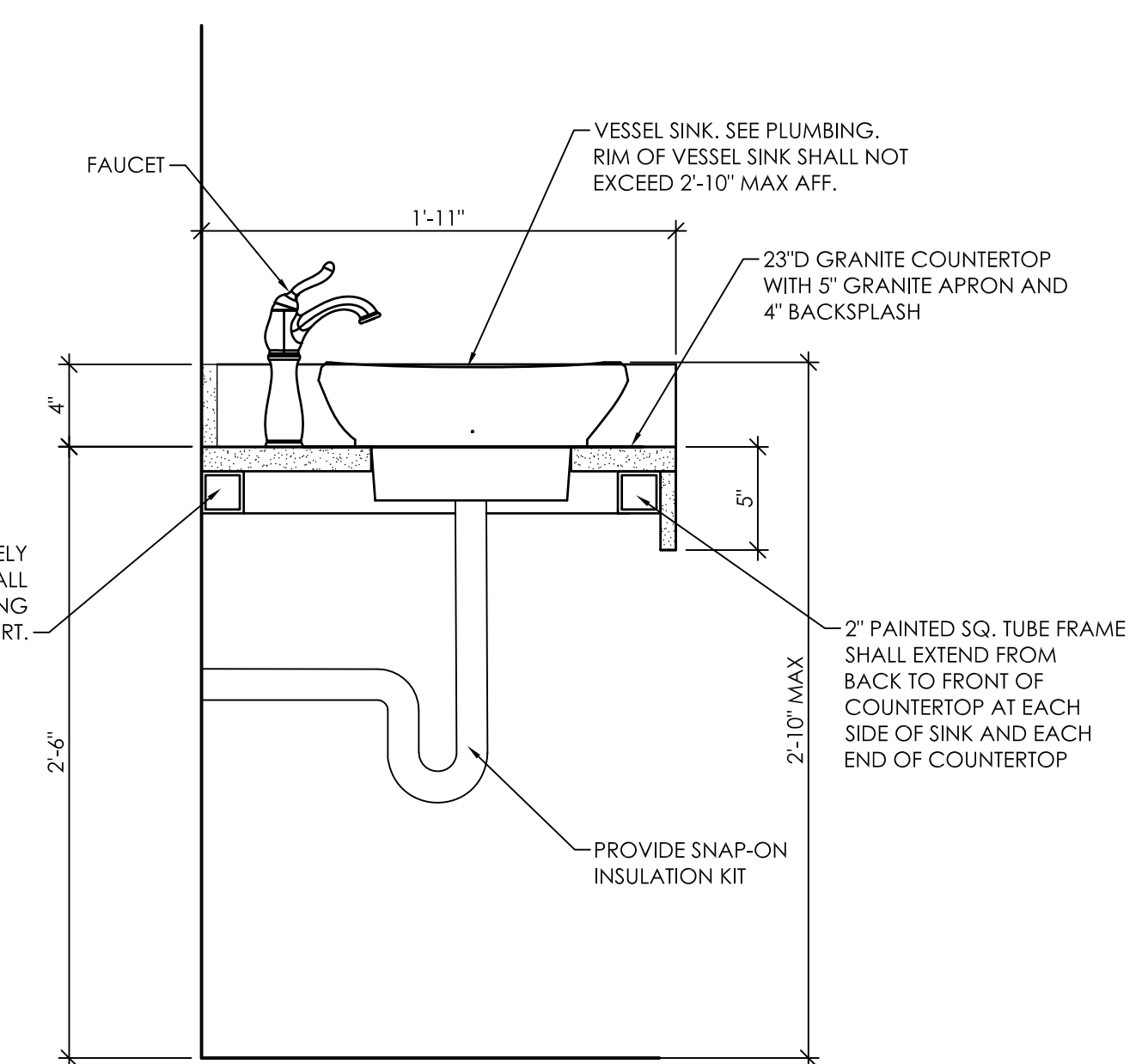
14 Detail of Dining Room Cabinet  
A11.1 1 1/2" = 1'-0"



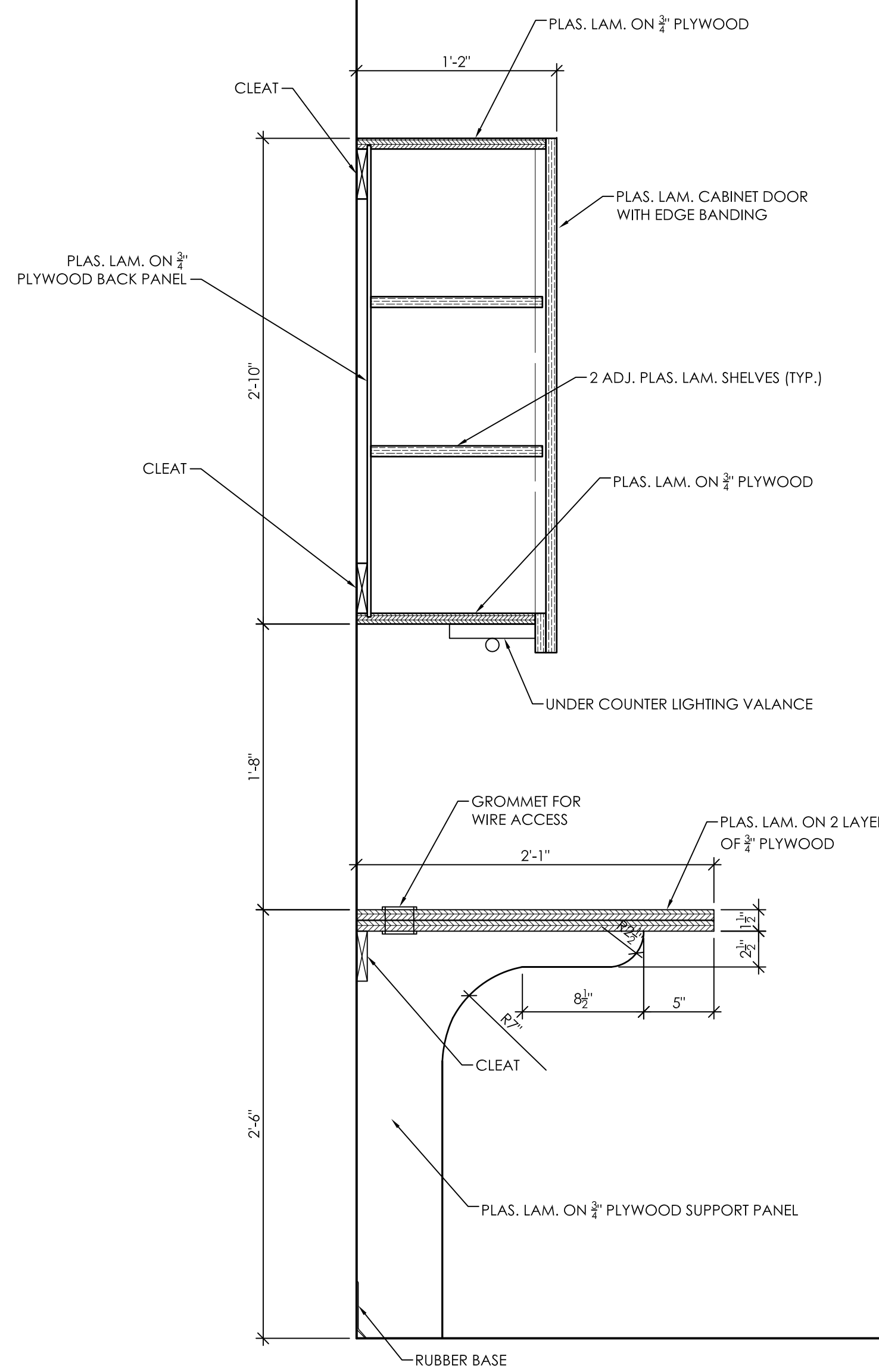
13 Detail of Dining Room Cabinet  
A11.1 1 1/2" = 1'-0"



11 Detail of Restroom Vanity  
A11.1 1 1/2" = 1'-0"

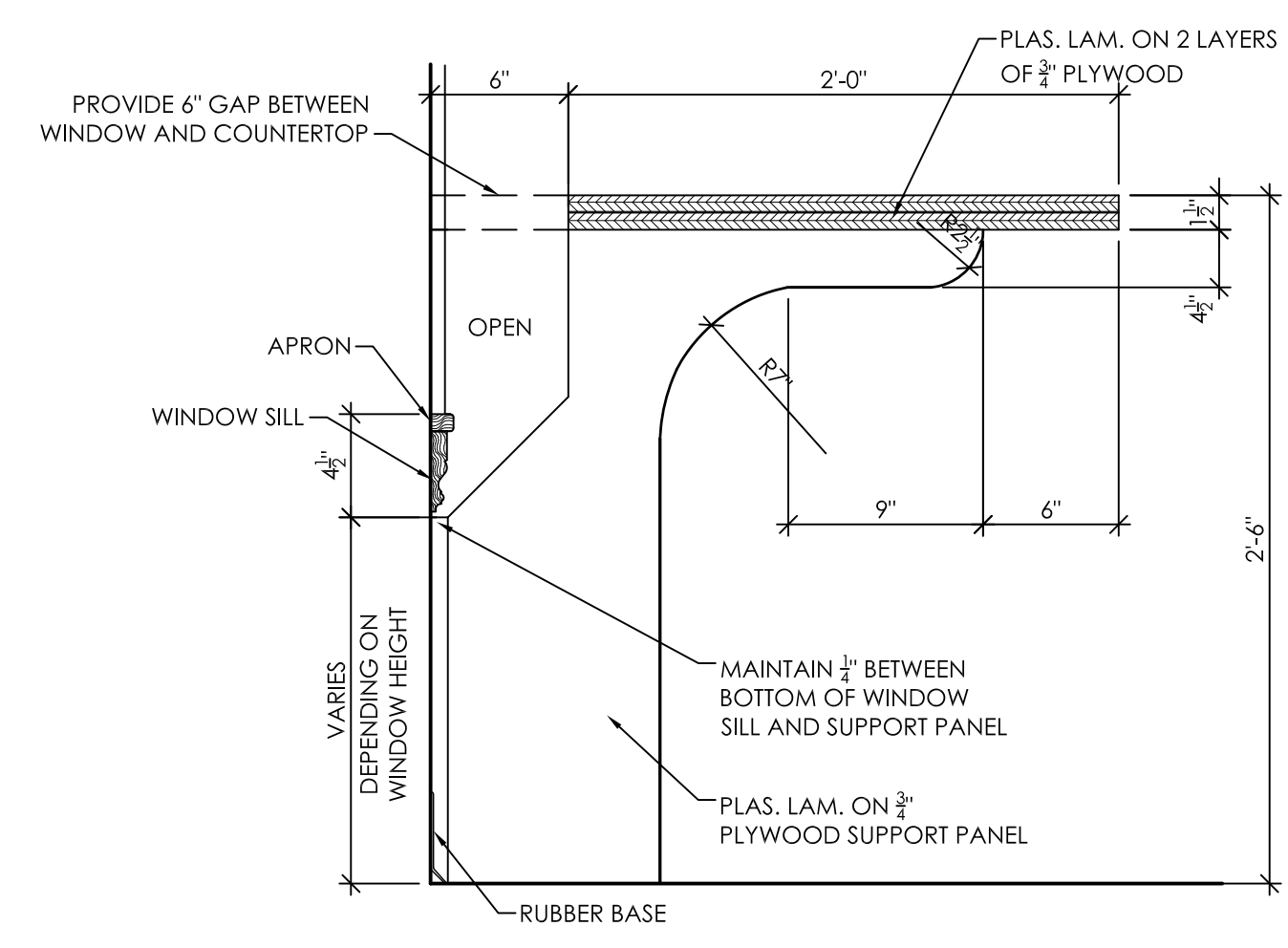


12 Detail of Restroom Vanity  
A11.1 1 1/2" = 1'-0"



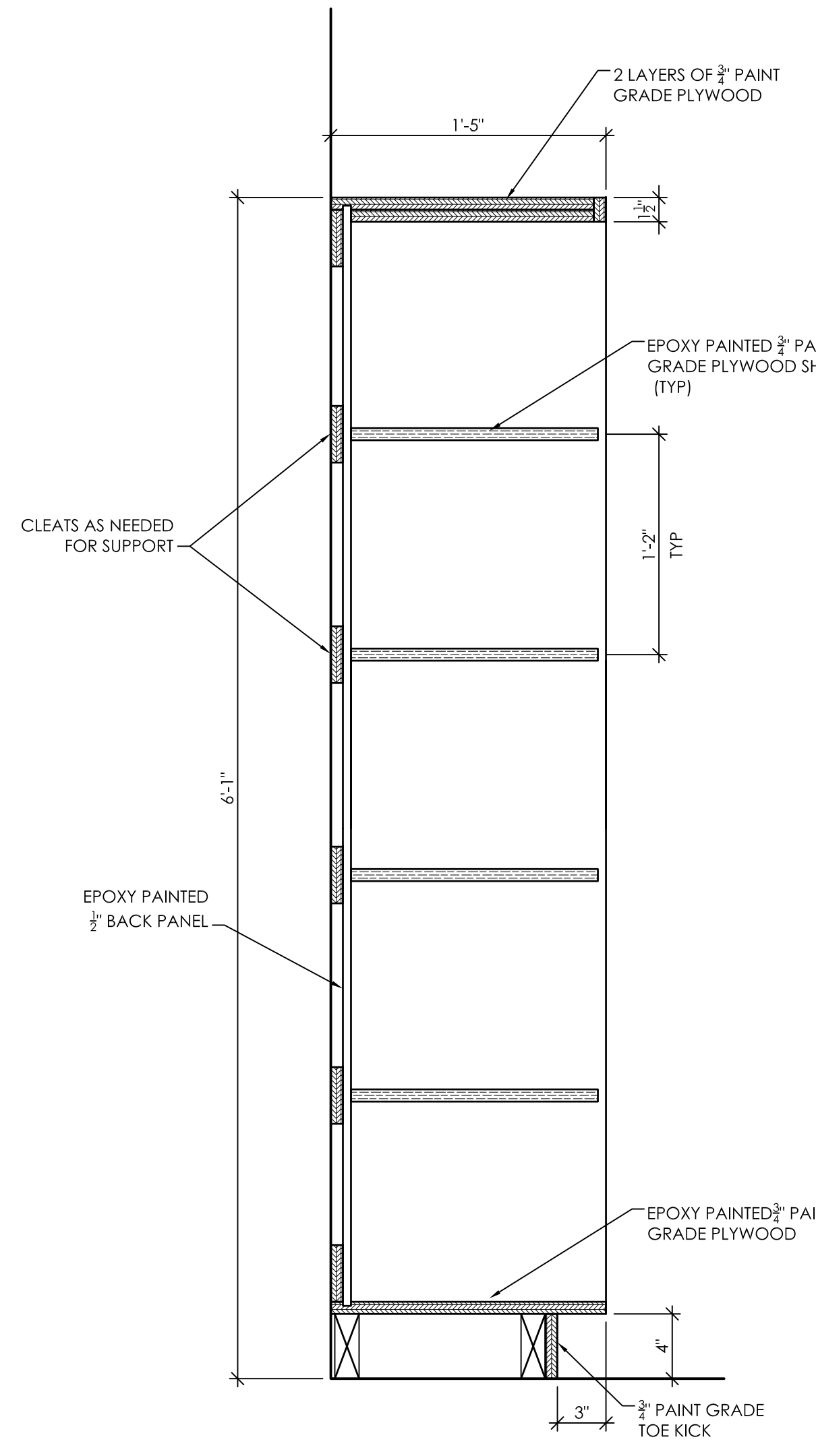
**1**  
A11.2  
1 1/2" = 1'-0"

Detail of Cabinet and Work Counter



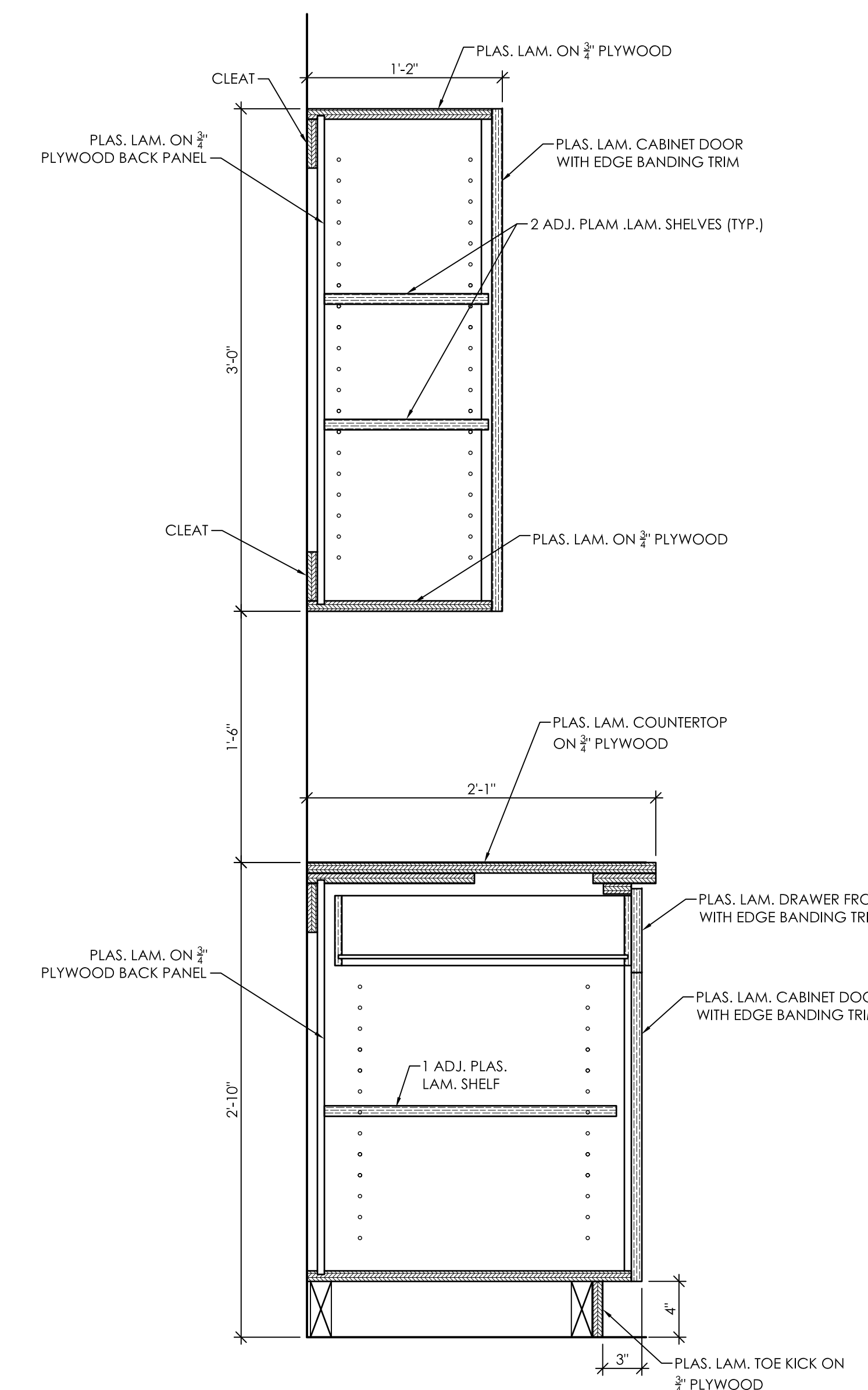
**2**  
A11.2  
1 1/2" = 1'-0"

Detail of Support Panel at Window



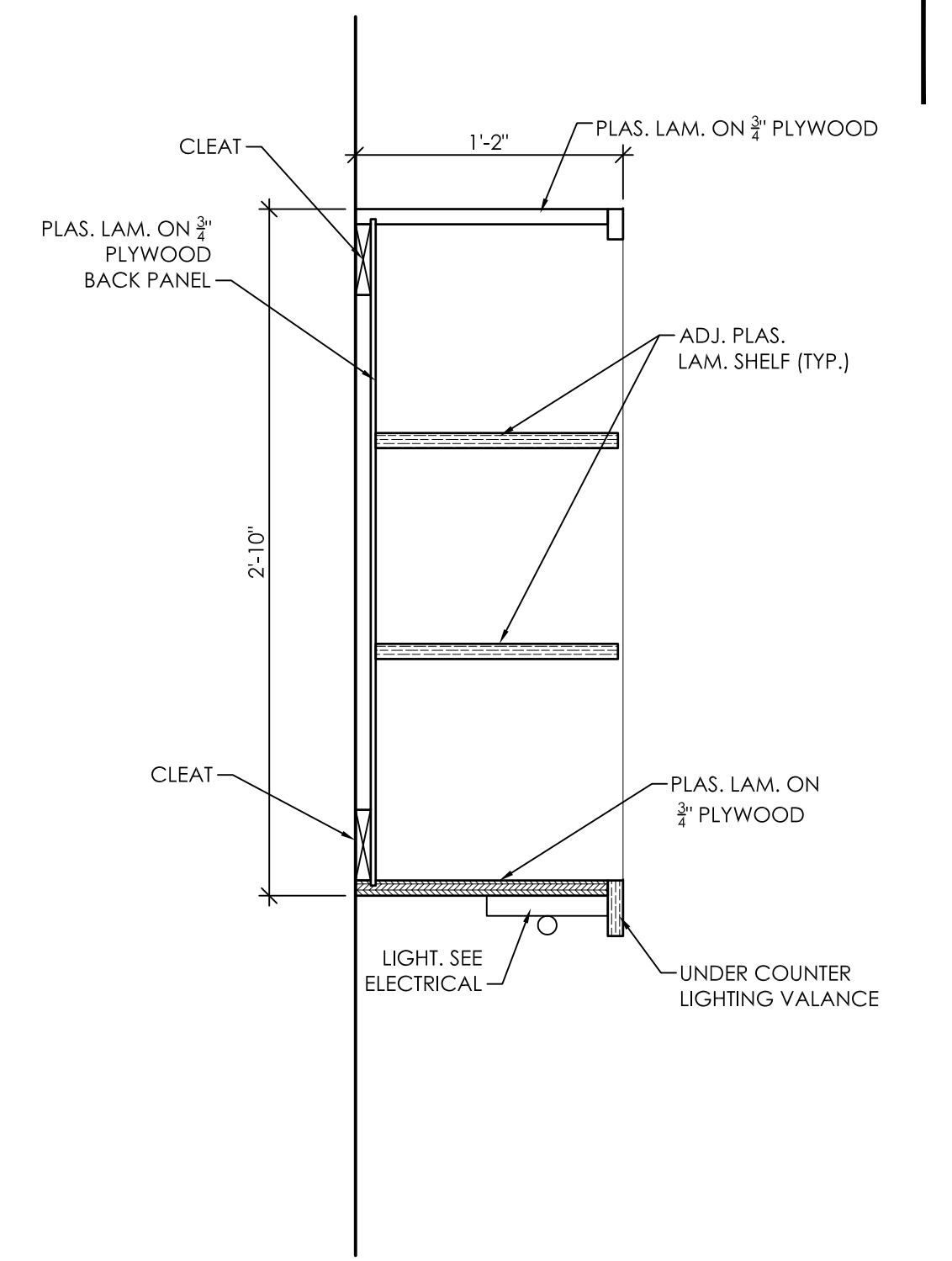
**3**  
A11.2  
1 1/2" = 1'-0"

Detail of Restroom Storage Cubbies



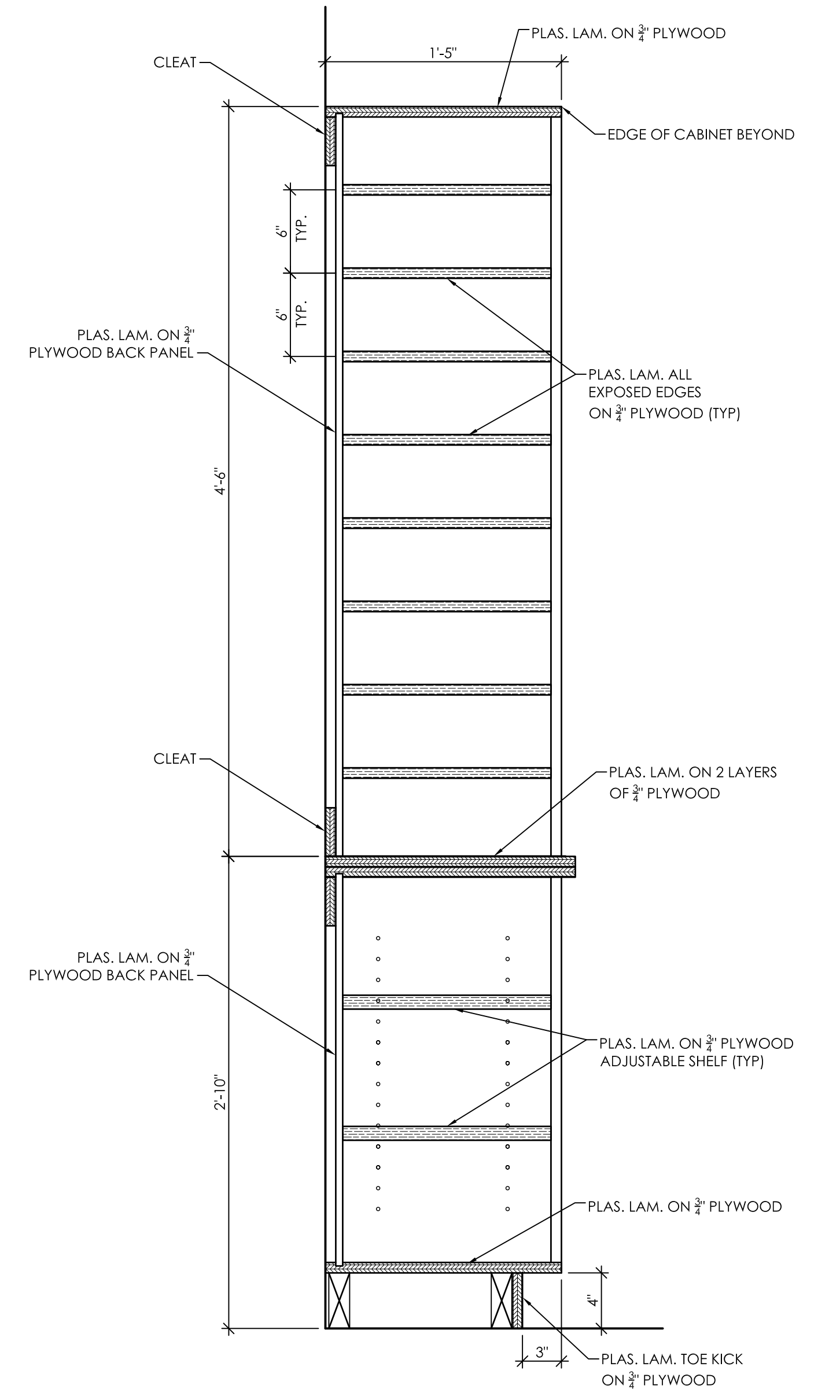
**4**  
A11.2  
1 1/2" = 1'-0"

Detail of Mail Room Cabinets



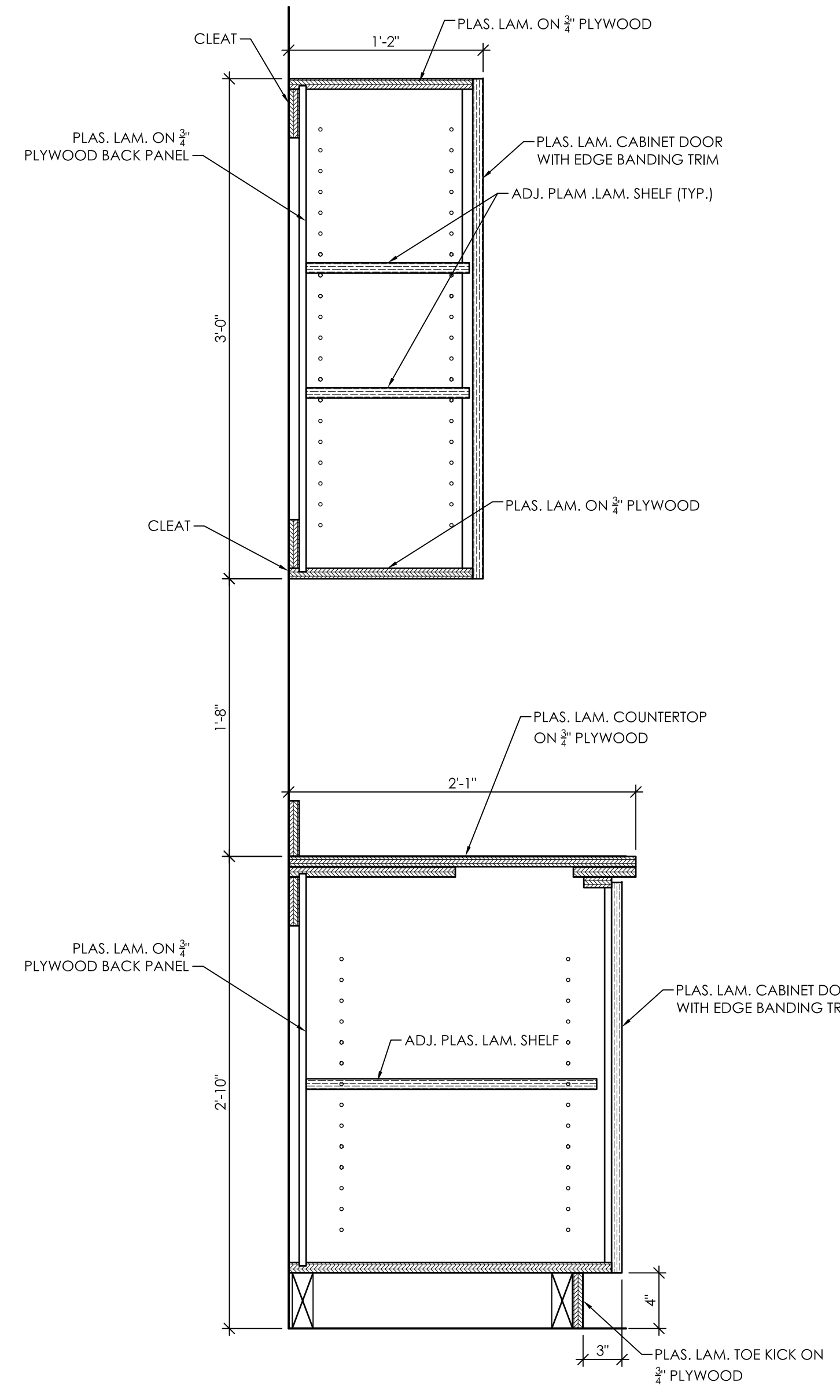
**9**  
A11.2  
1 1/2" = 1'-0"

Detail of Wall Cabinet Adjustable Wall Shelves



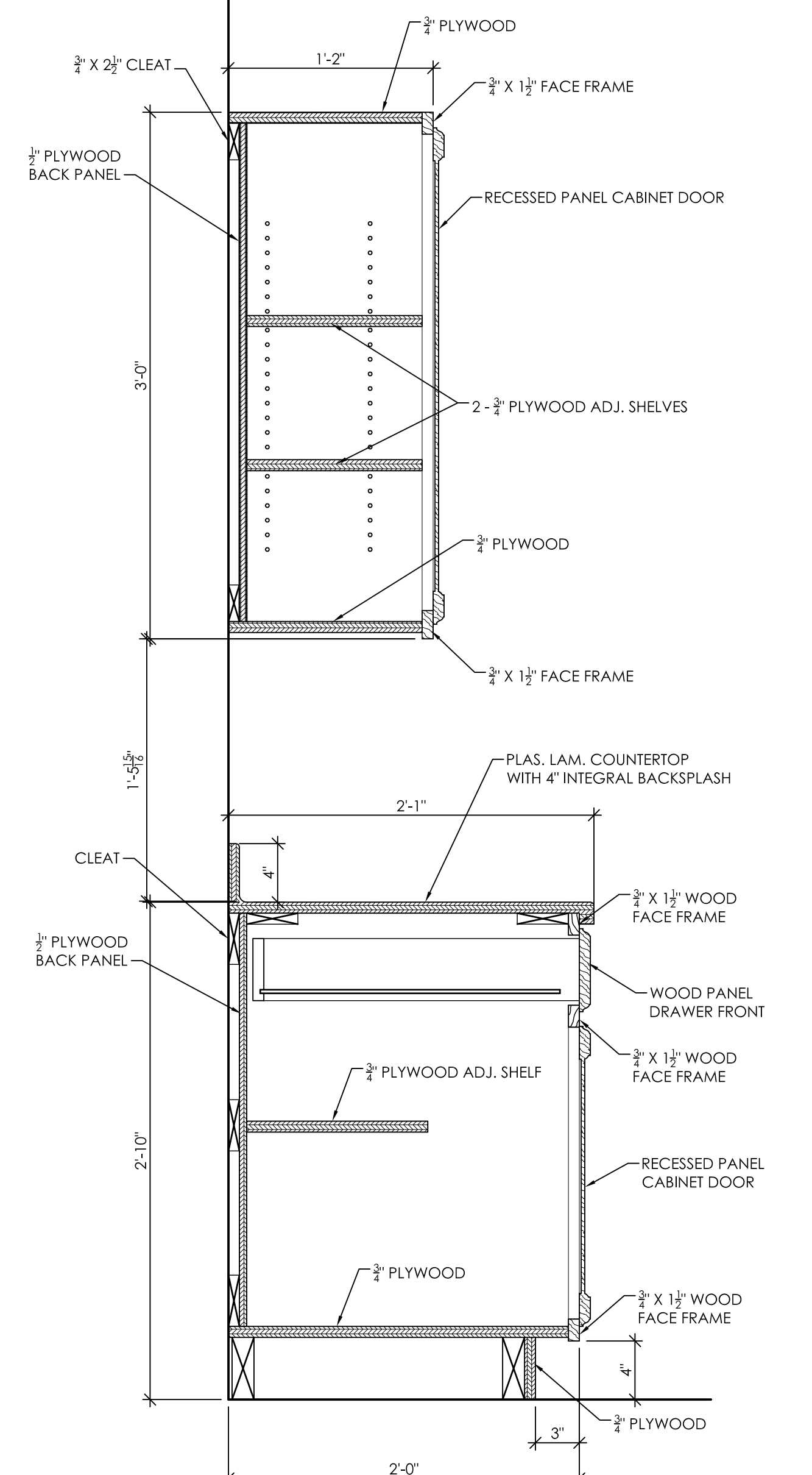
**5**  
A11.2  
1 1/2" = 1'-0"

Detail of Mail Room Cabinets



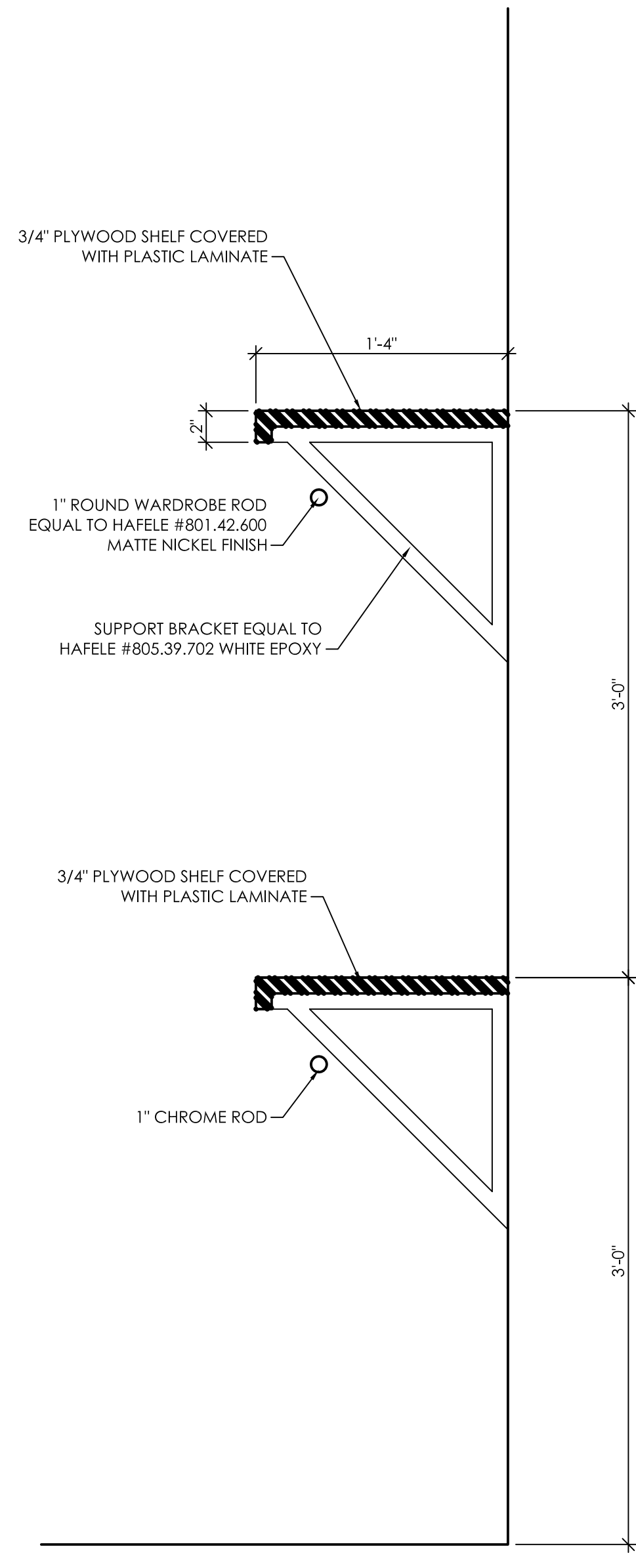
**6**  
A11.2  
1 1/2" = 1'-0"

Detail of Laundry Room Cabinets



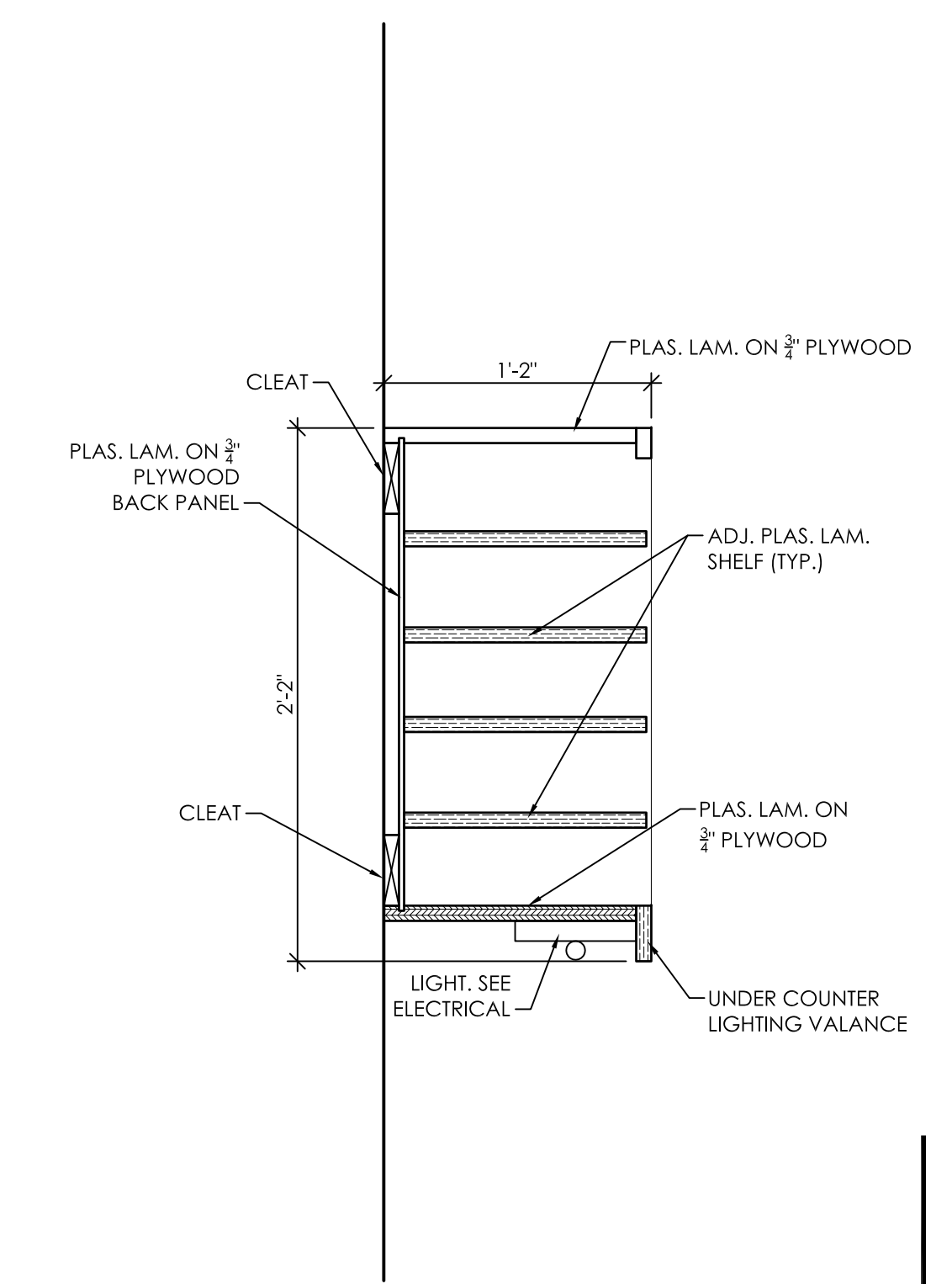
**7**  
A11.2  
1 1/2" = 1'-0"

Detail of House Director Ste Cabinets



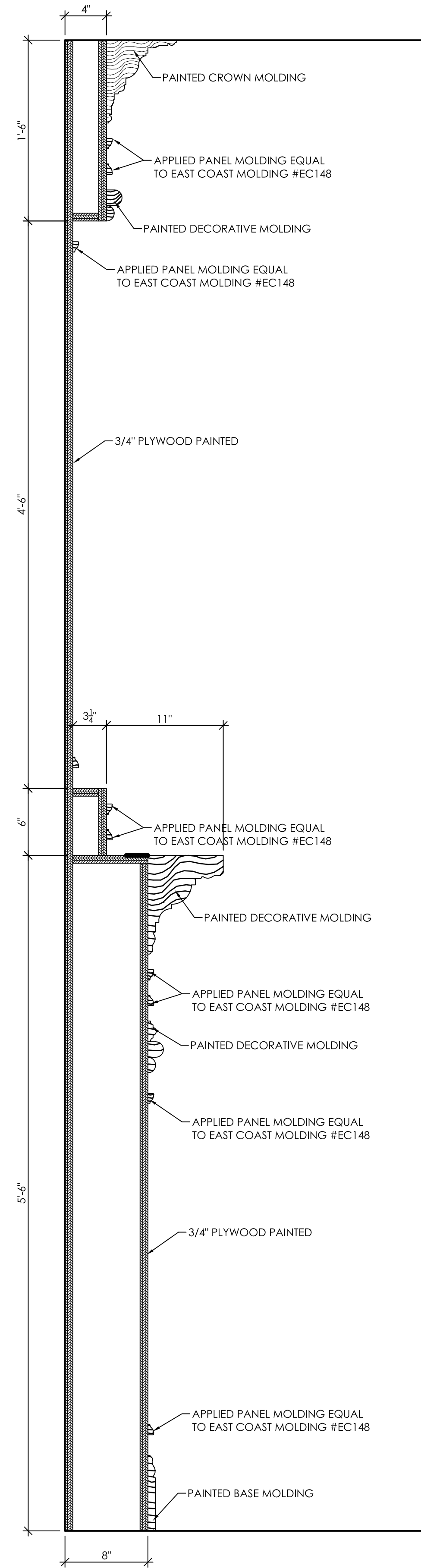
**8**  
A11.2  
1 1/2" = 1'-0"

Detail of House Director Ste Closet



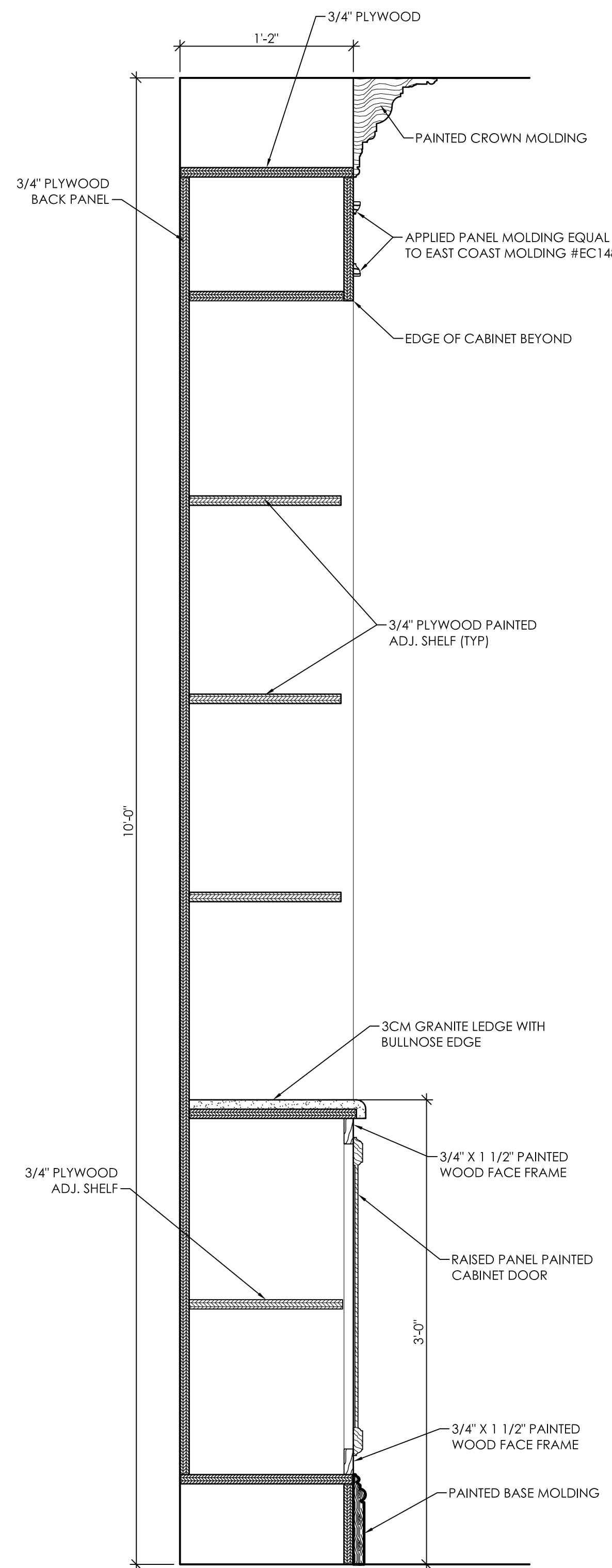
**10**  
A11.2  
1 1/2" = 1'-0"

Detail of Wall Cabinet Adjustable Wall Shelves



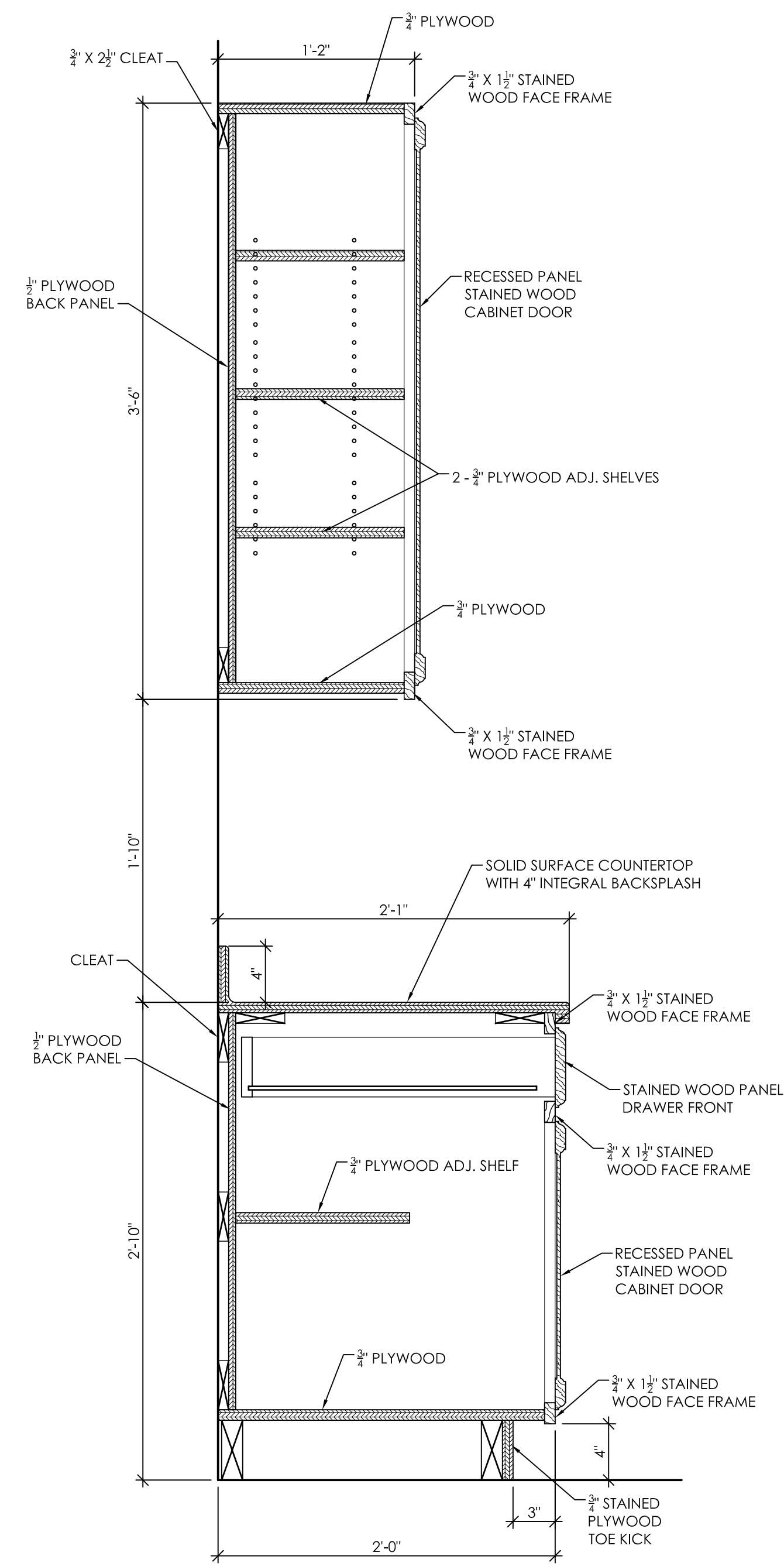
1  
A11.3  
1 1/2" = 1'-0"

Detail of Fireplace Mantle and Casework



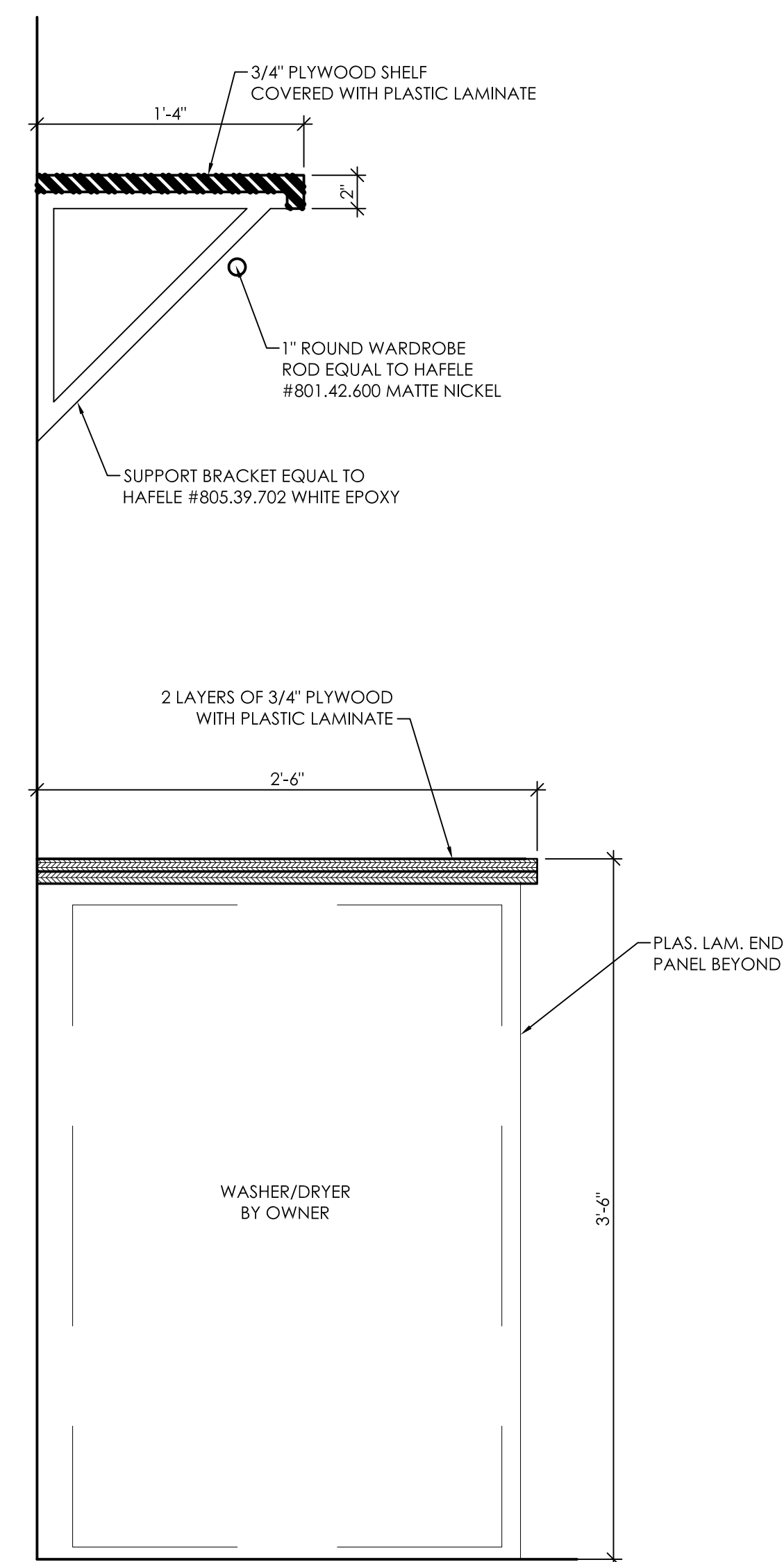
2  
A11.3  
1 1/2" = 1'-0"

Detail of Built-in Bookcase



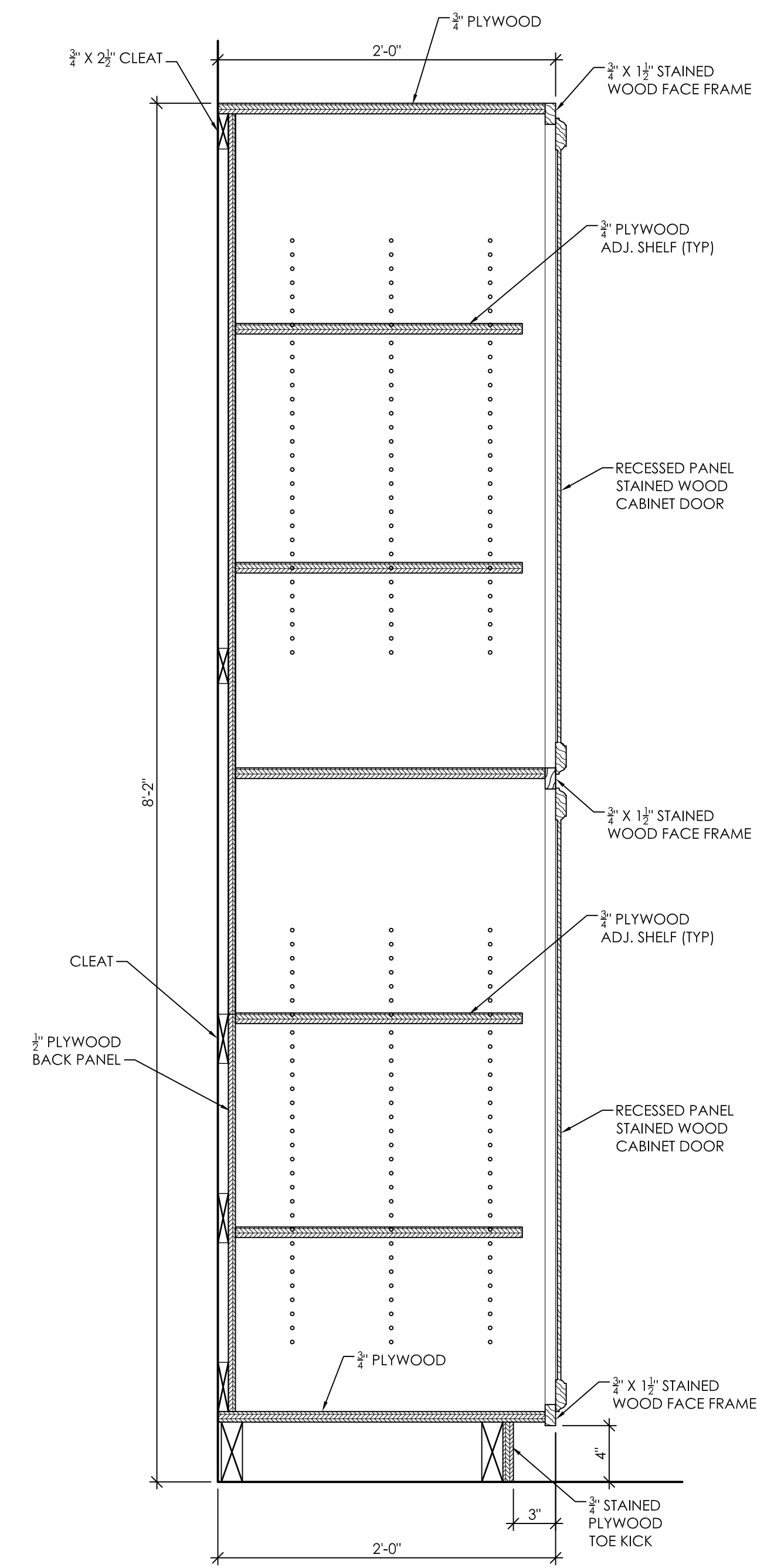
3  
A11.3  
1 1/2" = 1'-0"

Detail of Weekend Kitchen Cabinets



5  
A11.3  
1 1/2" = 1'-0"

Detail of Laundry Room Shelving

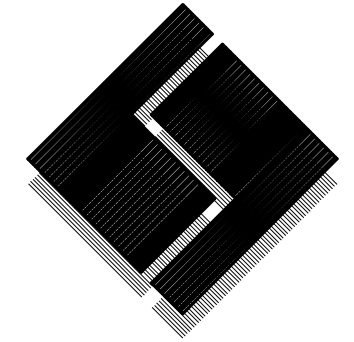


4  
A11.3  
1 1/2" = 1'-0"

Detail of Weekend Kitchen Cabinets



7-8-11 #102



**R. I. Smith**  
 & Associates P.C.  
 Consulting Engineers

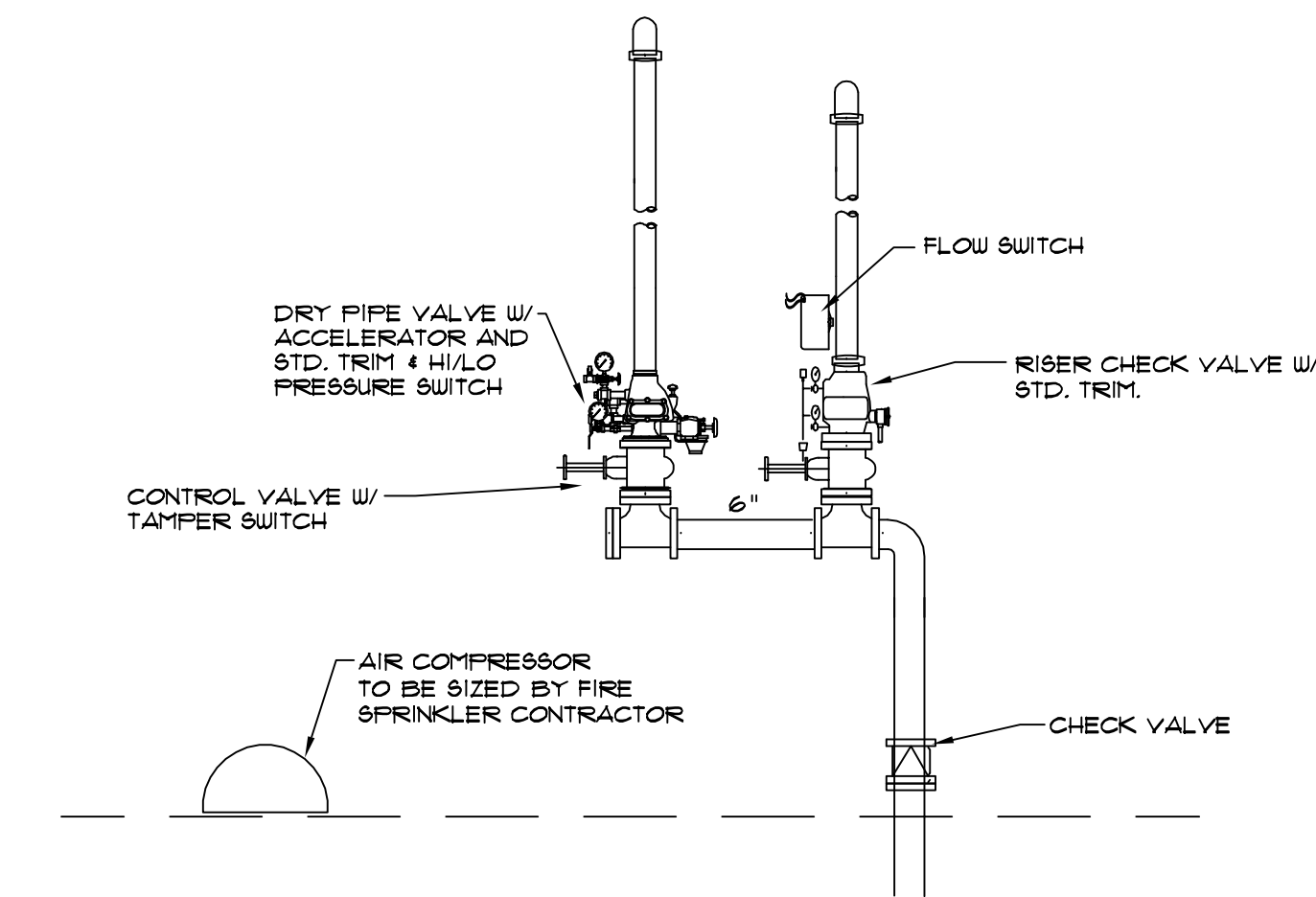
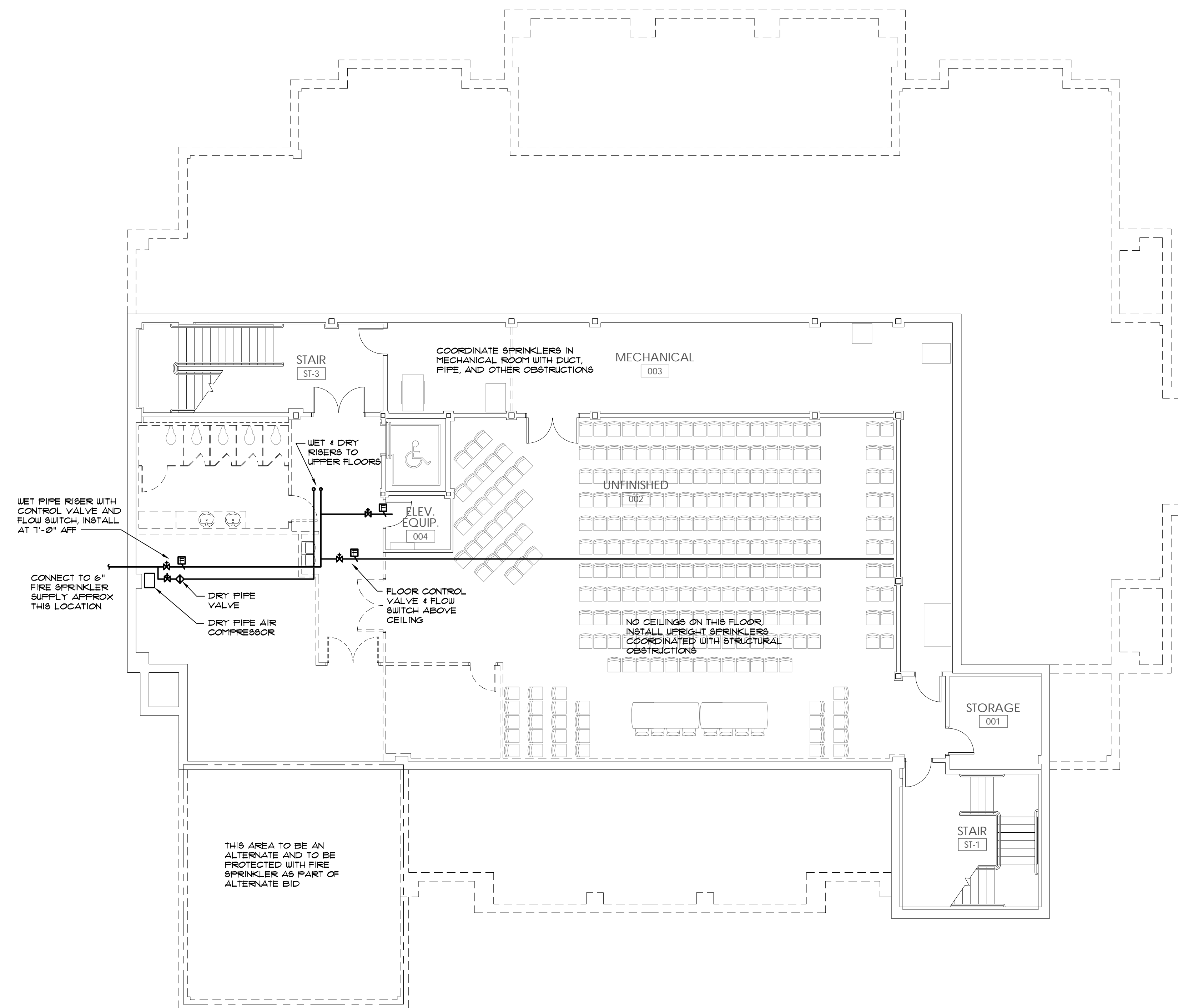
2110 Eighth Street  
 Tuscaloosa, Alabama 35401

Phone/Fax 205 345 4402

E-mail info@rsmithpc.com

**Ellis Architects**  
 631 Maple Ridge Boulevard, Suite 300  
 Tuscaloosa, Alabama 35404  
 205.792.4400  
 www.ellisarchitects.com

New Sorority House For  
**BETA PSI CHAPTER OF  
 DELTA GAMMA**  
 THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
 Tuscaloosa, Alabama



**3 RISER DETAIL**  
 FP1.0 NOT TO SCALE

**1 BASEMENT FIRE PROTECTION PLAN**  
 FP1.0 1/8" = 1'-0"

**2 GENERAL NOTES**  
 FP1.0 NO SCALE

- CONTRACTOR TO DESIGN AND INSTALL NFPA 13 COMPLIANT FIRE SPRINKLER SYSTEM THROUGHOUT BUILDING.
- SHOP DRAWINGS ARE TO BE DESIGNED BY PROFESSIONAL ENGINEER AND BE SEALED.
- SYSTEM SHALL BE HYDROSTATICALLY TESTED AS REQUIRED BY NFPA.
- SYSTEM PIPE SIZES ARE TO BE SELECTED TO PREVENT WATER VELOCITY IN ANY PIPE SECTION FROM EXCEEDING 20 FPS.
- FIRE SPRINKLER SHOP DRAWINGS TO BE COORDINATED WITH ALL OTHER TRADES. PRIORITY SHALL BE GIVEN AT ALL TIMES TO SYSTEMS REQUIRING SLOPE FOR DRAINAGE AND DUCTWORK TOO LARGE TO FIT ABOVE OR BELOW SPRINKLER PIPING WITHIN CEILING CAVITY.



Copyright © 2011  
 Ellis Architects, Inc.

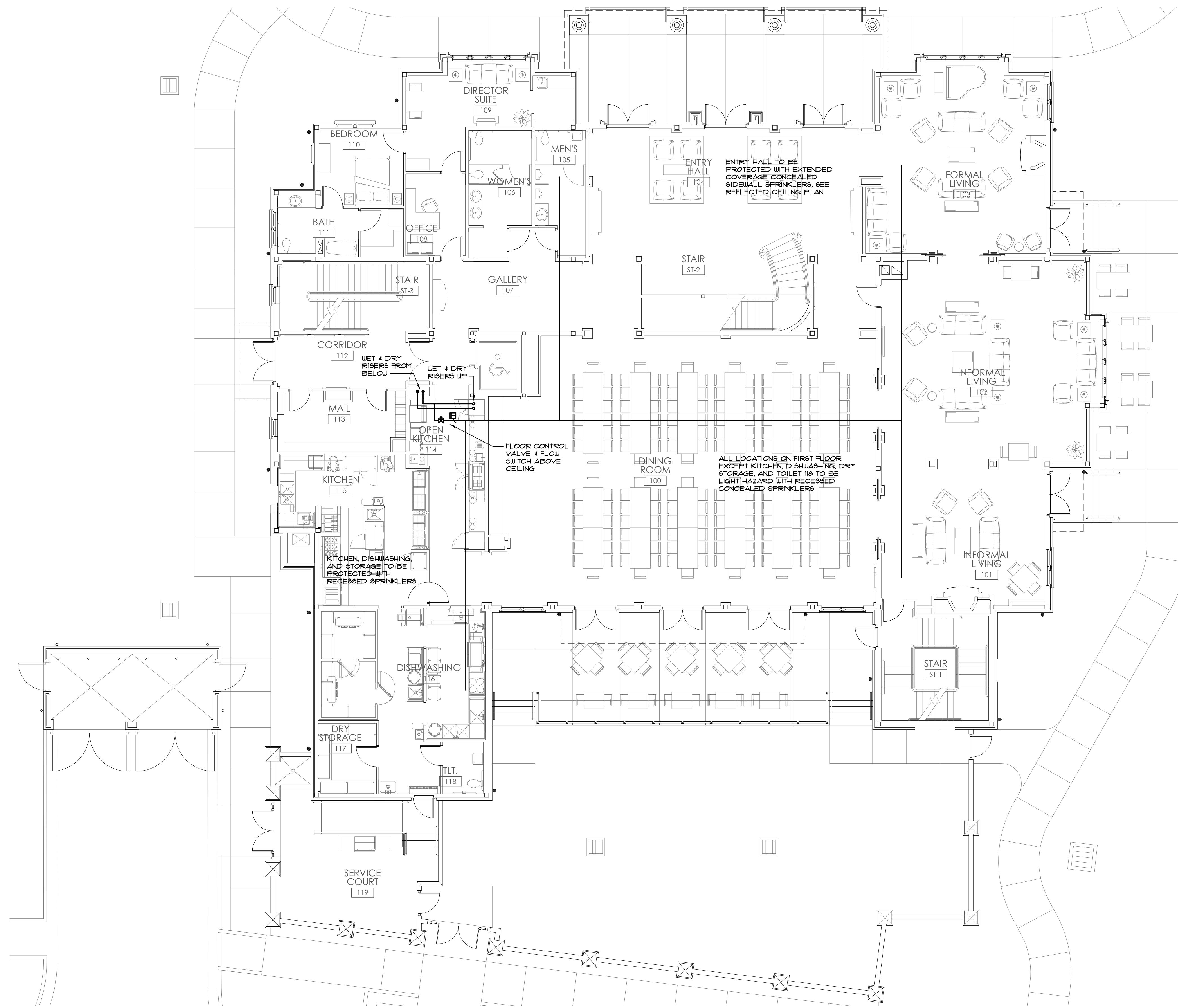
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.

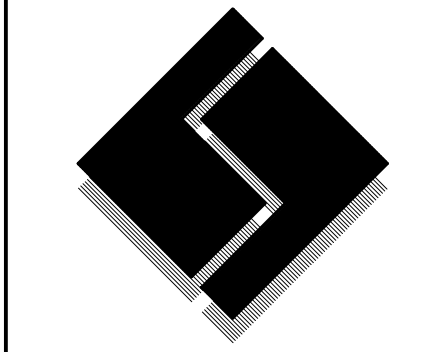
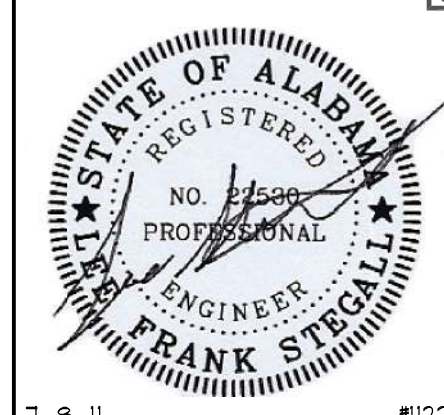
Contractor must verify all dimensions prior to construction.

JOB No.	<b>11006</b>
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Lee
<b>Basement Fire Protection Plan</b>	
SHEET NUMBER	<b>FP1.0</b>





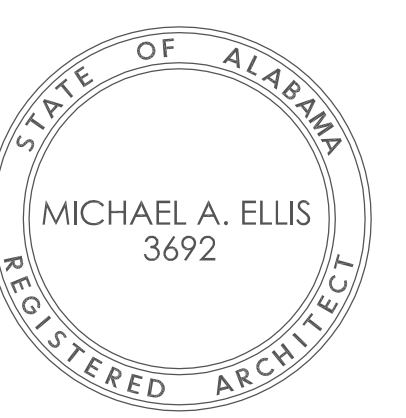
1 FIRST FLOOR FIRE PROTECTION PLAN  
 FP1.1 1/8" = 1'-0"



**R H Smith**  
 4 associates p.c.  
 Consulting Engineers  
 ♦  
 210 Eighth Street  
 ♦  
 Tuscaloosa, Alabama 35401  
 ♦  
 Phone/Fax 205 345 4402  
 ♦  
 E-mail info@rhsmithpc.com

**Ellis Architects**  
 631 North Noble Boulevard, Suite 300  
 Tuscaloosa, Alabama 35404  
 www.ellisarchitects.com

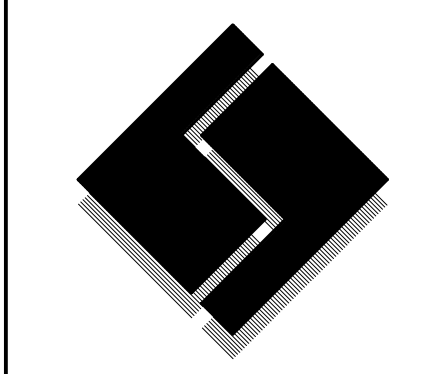
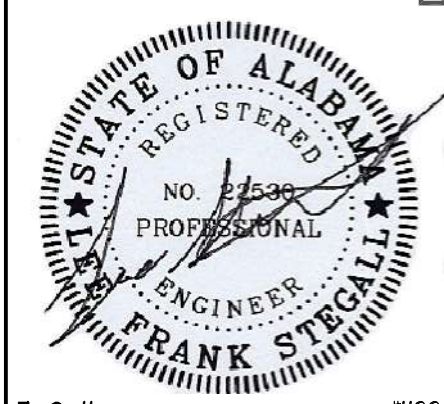
New Sorority House For  
**BETA PSI CHAPTER OF  
 DELTA GAMMA**  
 THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
 Tuscaloosa, Alabama



Copyright © 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all  
 intellectual rights and ownership of all  
 information contained on these  
 documents. Ellis Architects, Inc. and  
 its consultants shall be deemed the  
 authors and owners of their  
 respective instruments of service and  
 shall retain all common law, statutory  
 and other reserved rights, including  
 copyrights. This document shall not  
 be reproduced without the written  
 authorization of Ellis Architects.

Do Not Scale From Drawings.  
 Contractor must verify all dimensions  
 prior to construction.

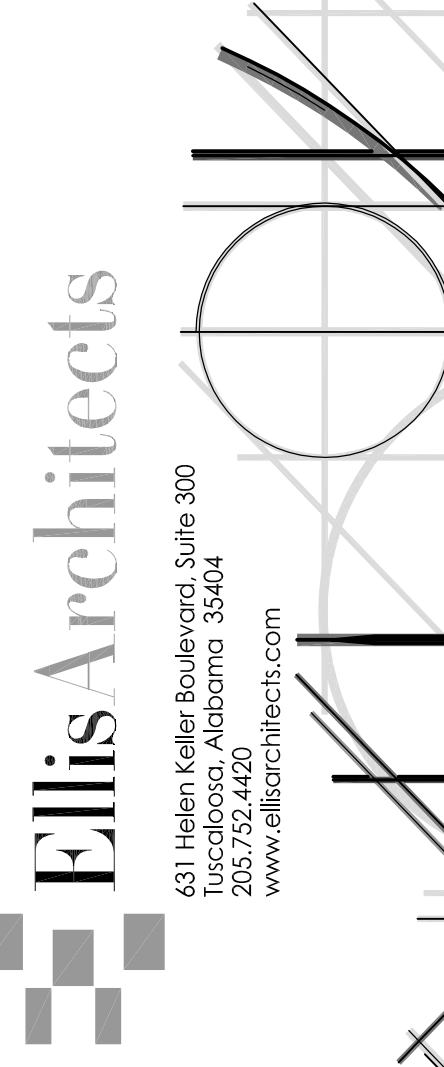
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Lee
First Floor Fire Protection Plan	
SHEET NUMBER	FP1.1



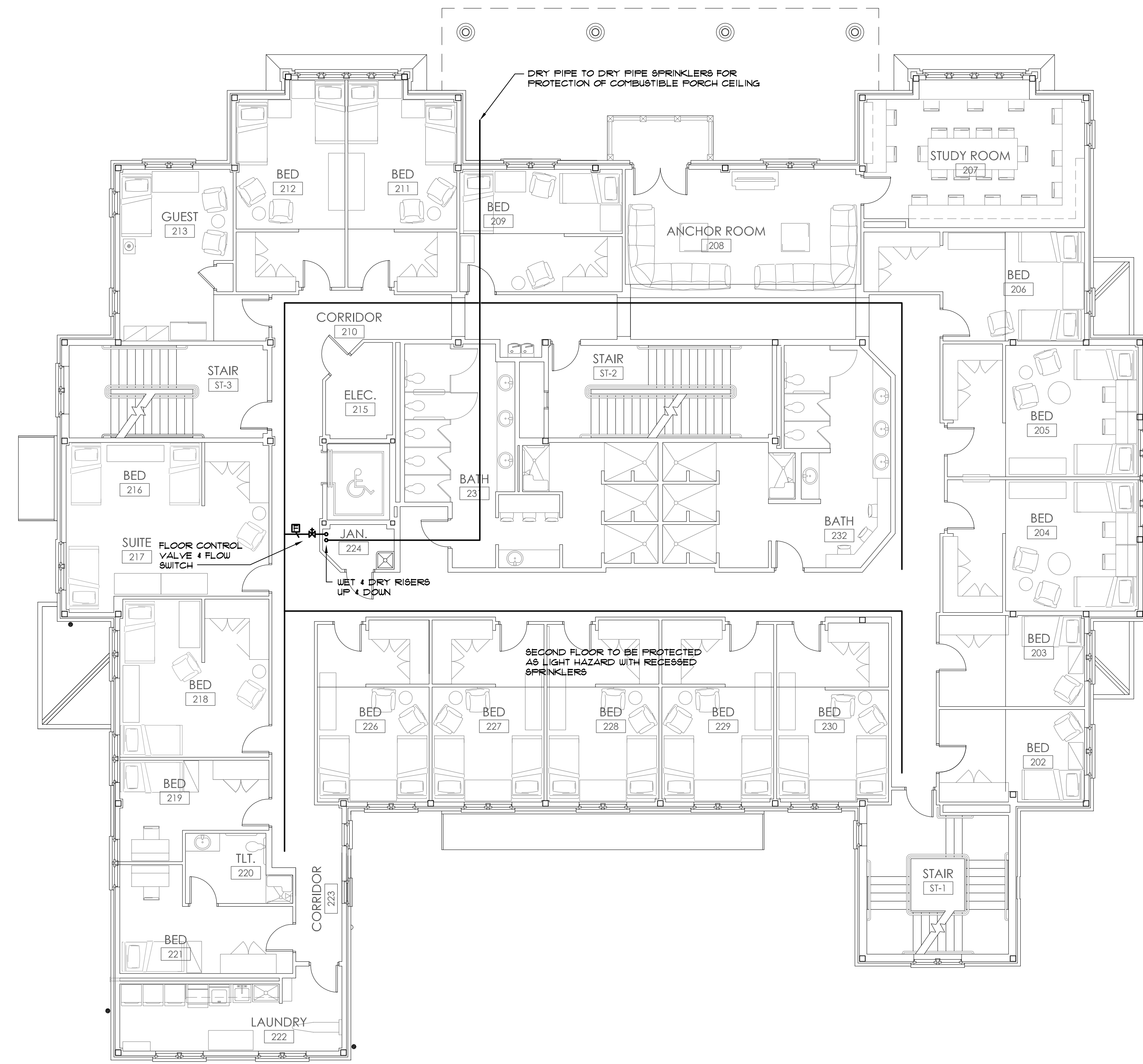
**R H Smith**  
 4 associates p.c.  
 Consulting Engineers

210 Eighth Street  
 Tuscaloosa, Alabama 35401

Phone/Fax 205 345 4402  
 E-mail info@rhsmithpc.com



**Ellis Architects**  
 401 North White Building, Suite 300  
 Tuscaloosa, Alabama 35404  
 www.ellisarchitects.com



**1** SECOND FLOOR FIRE PROTECTION PLAN  
 FP1.2 1/8" = 1'-0"

New Sorority House For  
**BETA PSI CHAPTER OF  
 DELTA GAMMA**  
 THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
 Tuscaloosa, Alabama



Copyright © 2011  
 Ellis Architects, Inc.

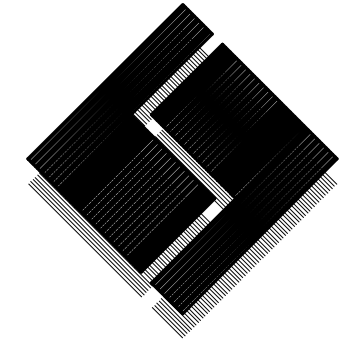
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Lee
<b>2nd Floor Fire Protection Plan</b>	
SHEET NUMBER	FP1.2



T-8-11 4122



**R I Smith**  
 & associates p.c.  
 Consulting Engineers

2110 Eighth Street  
 Tuscaloosa, Alabama 35401

Phone/Fax 205 345 4402

E-mail info@rsmithpc.com

**Ellis Architects**  
 631 Maple Ridge Boulevard, Suite 300  
 Tuscaloosa, Alabama 35404  
 205.792.4400  
 www.ellisarchitects.com

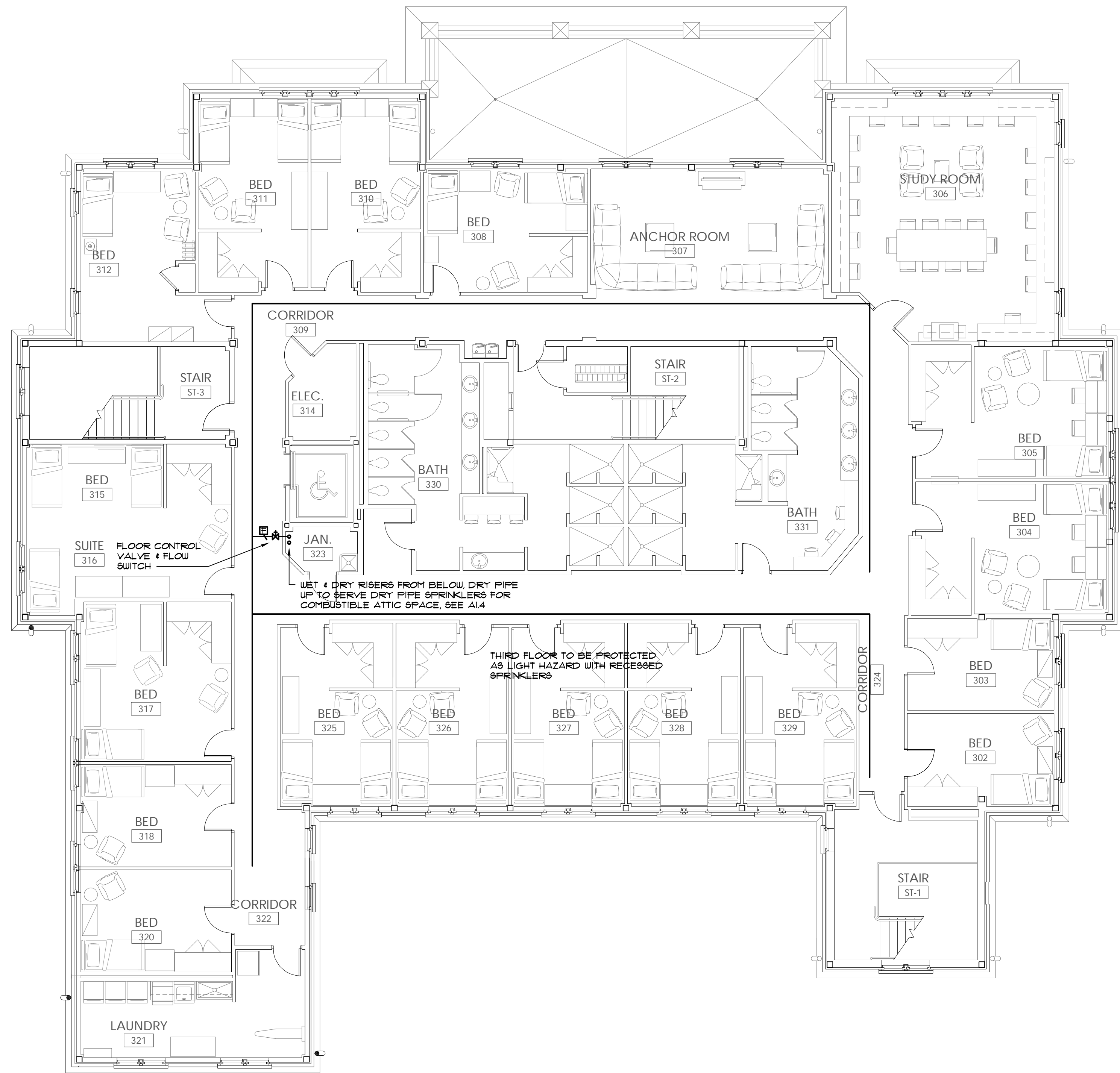
New Sorority House For  
**BETA PSI CHAPTER OF  
 DELTA GAMMA**  
 THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
 Tuscaloosa, Alabama



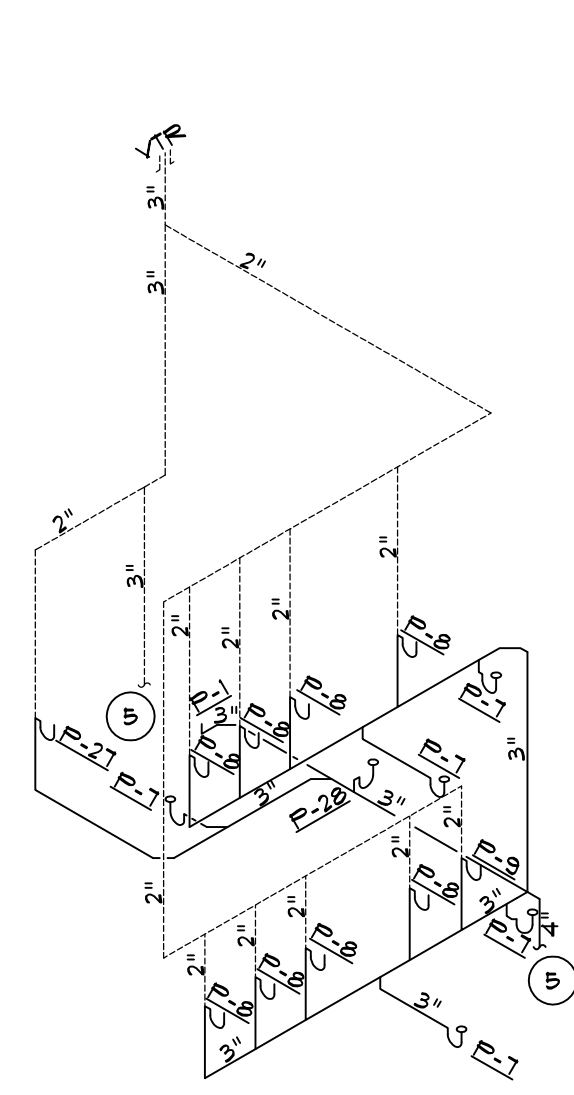
Copyright © 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

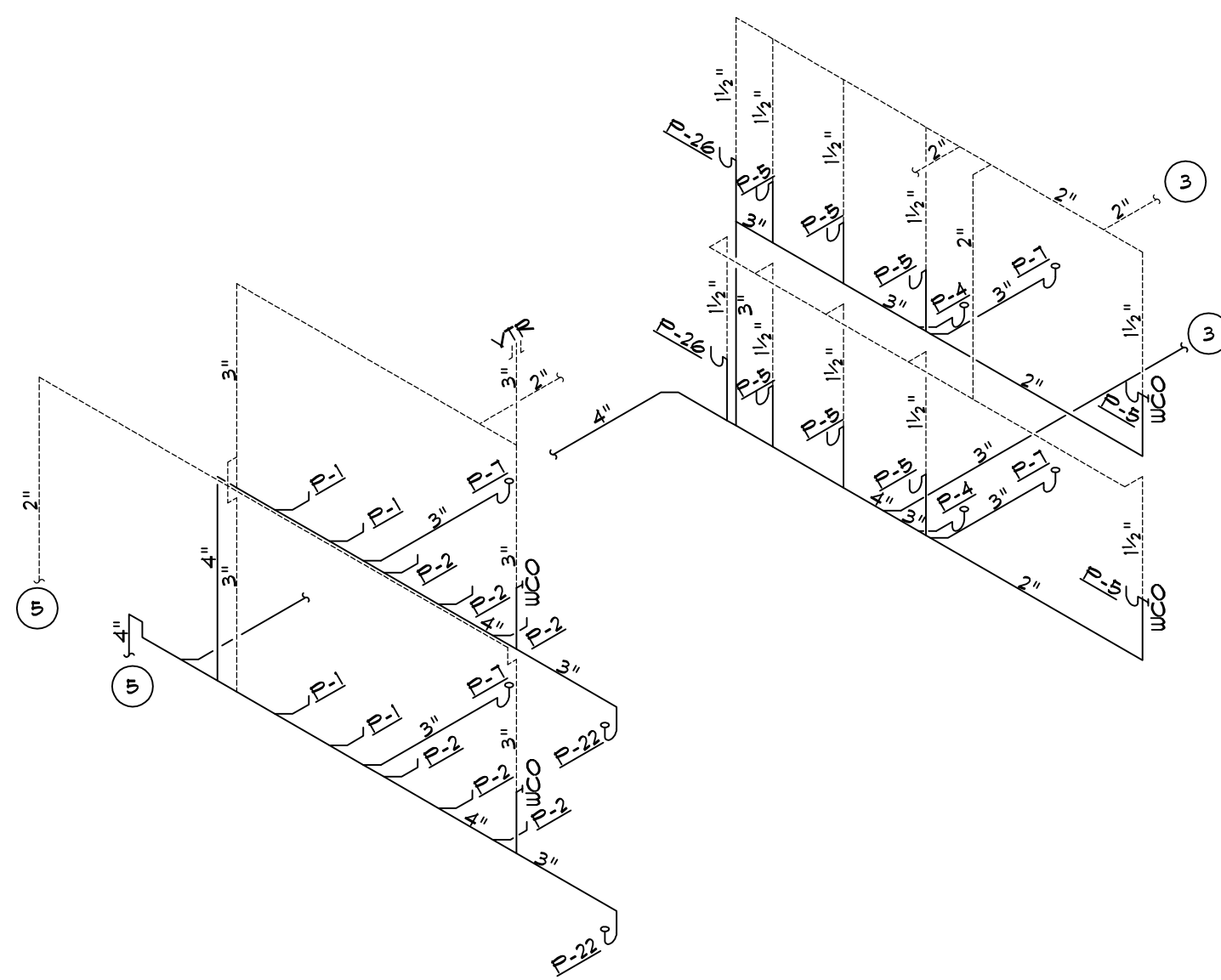
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Lee
<b>Third Floor Fire Protection Plan</b>	
SHEET NUMBER	FP1.3



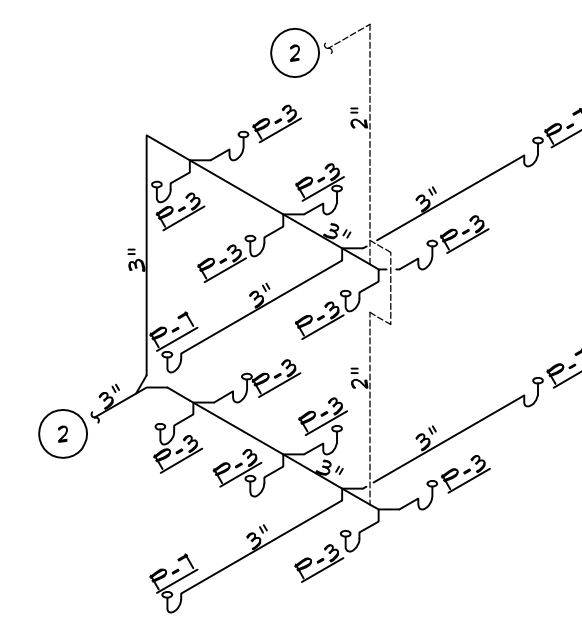
**1** THIRD FLOOR FIRE PROTECTION PLAN  
 FP1.3 1/8" = 1'-0"



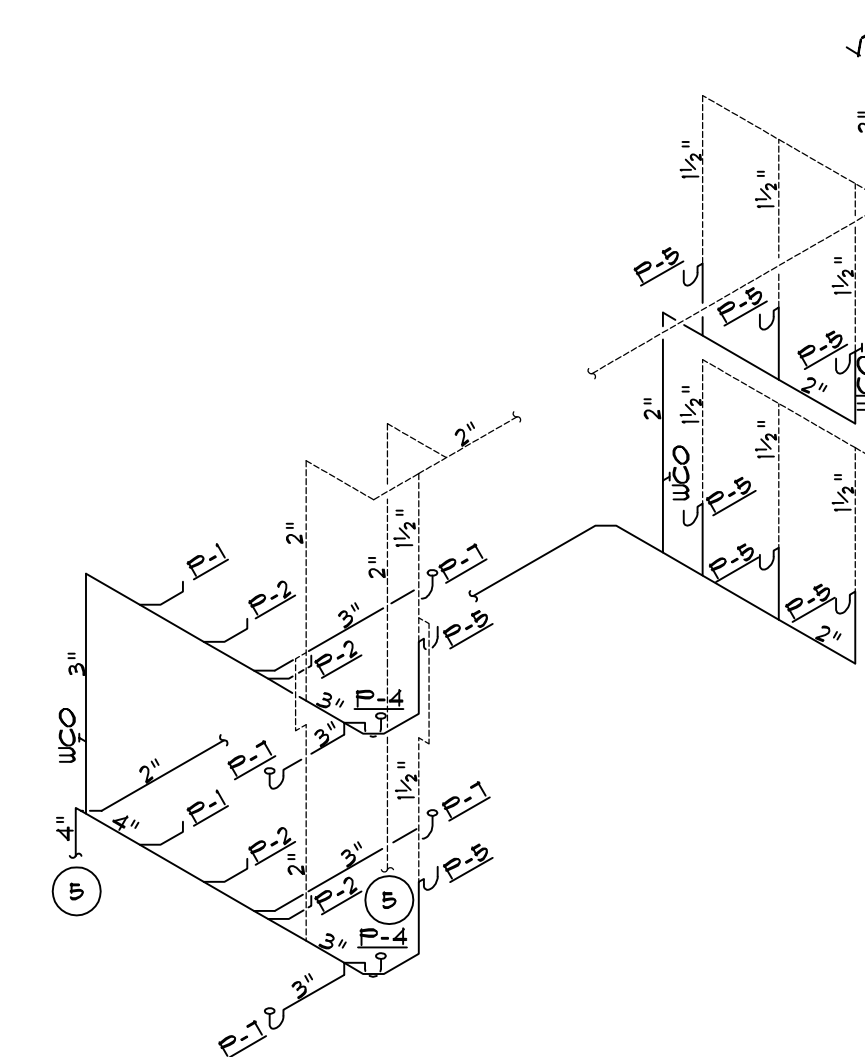
3 SANITARY RISER 1  
P0.1 NOT TO SCALE



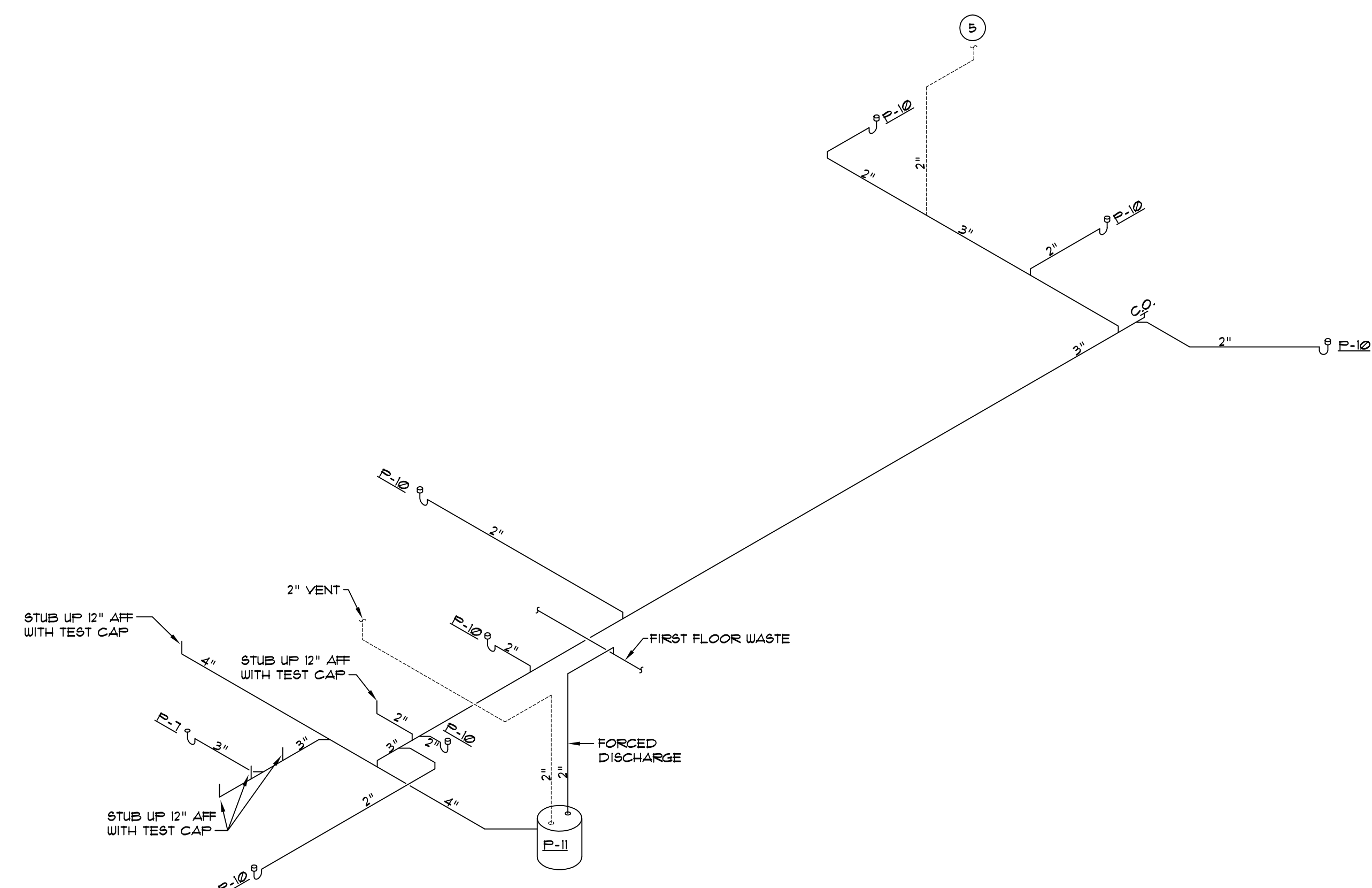
4 SANITARY RISER 2  
P0.1 NOT TO SCALE



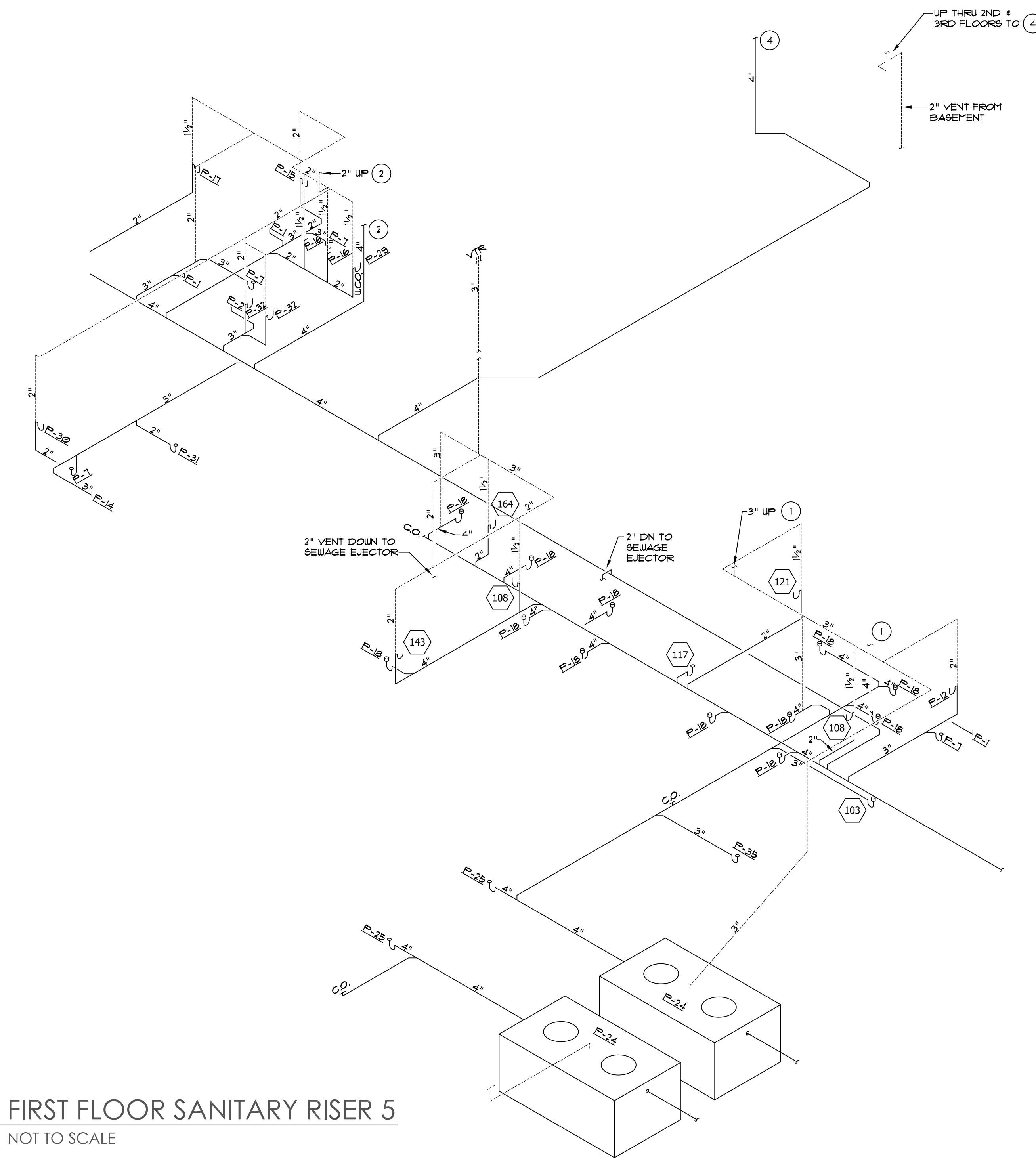
5 SANITARY RISER 3  
P0.1 NOT TO SCALE



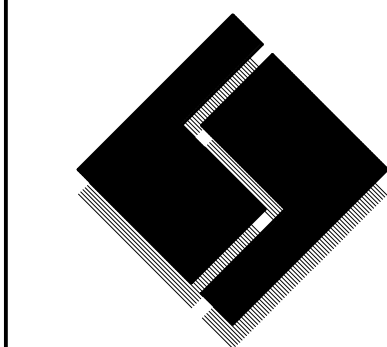
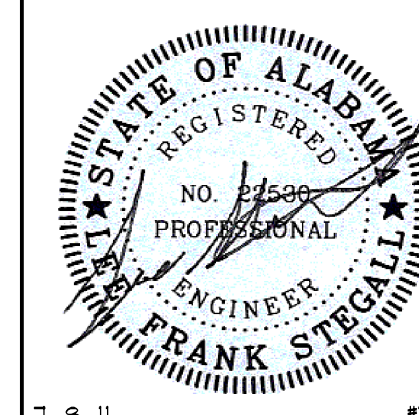
6 SANITARY RISER 4  
P0.1 NOT TO SCALE



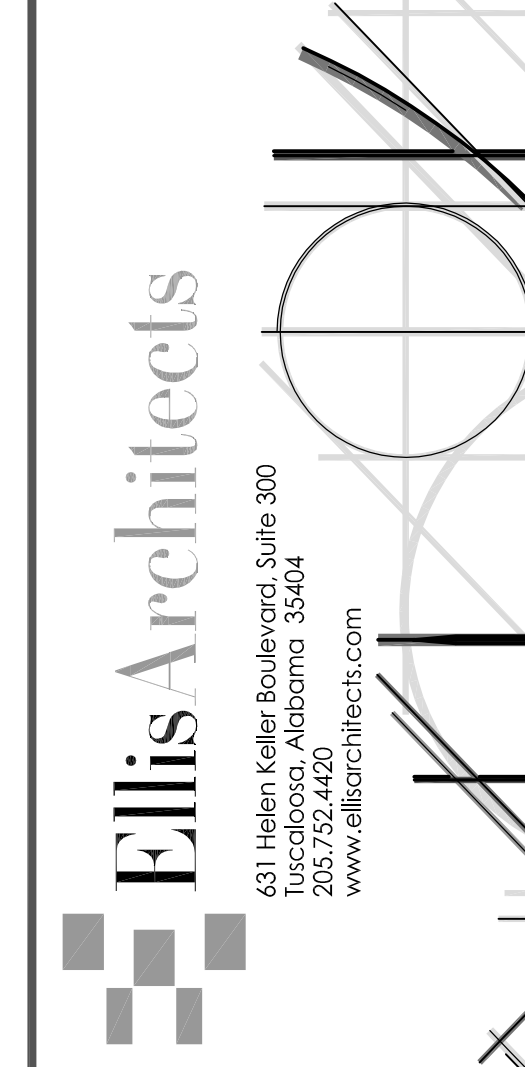
1 BASEMENT SANITARY RISER  
P0.1 NOT TO SCALE



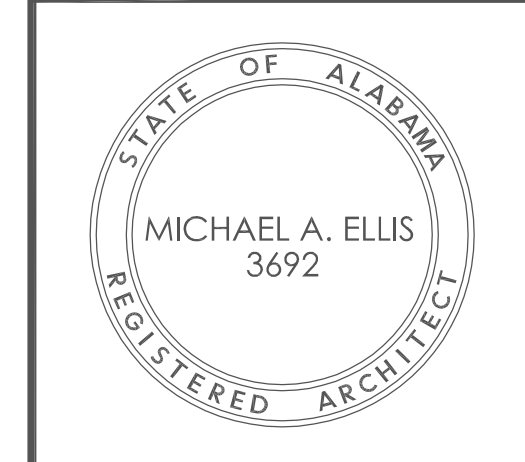
2 FIRST FLOOR SANITARY RISER 5  
P0.1 NOT TO SCALE



**R I Smith**  
4 associates p.c.  
Consulting Engineers  
2108 Eighth Street  
Tuscaloosa, Alabama 35401  
Phone/Fax 205 345 4402  
E-mail info@rsmithpc.com

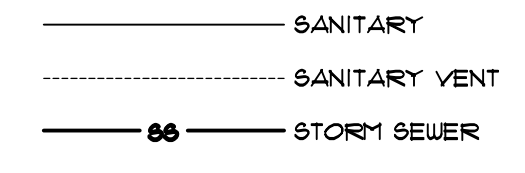
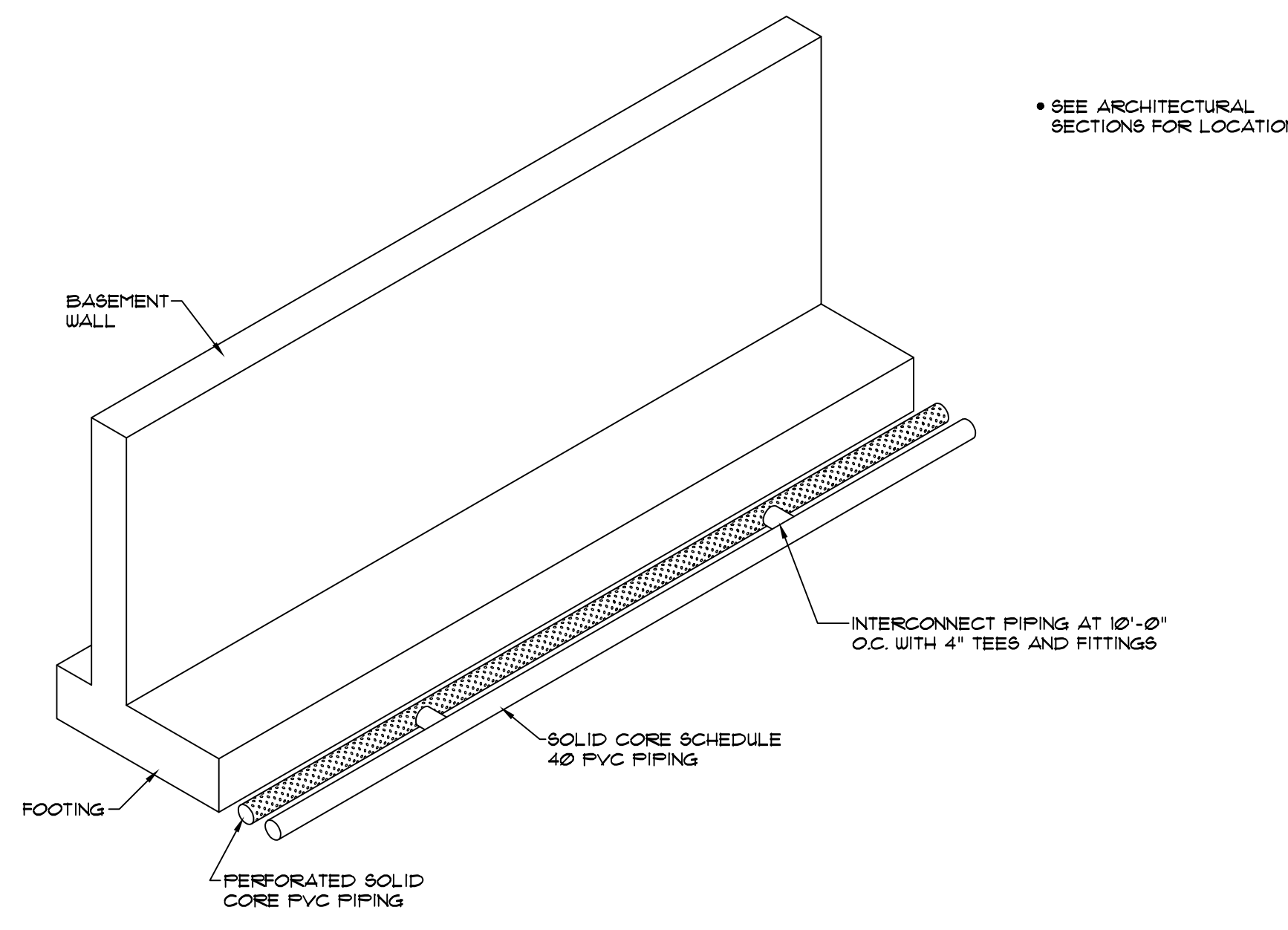


New Sorority House For  
**BETA PSI CHAPTER OF DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Lee
Sanitary Riser	
SHEET NUMBER	P0.1

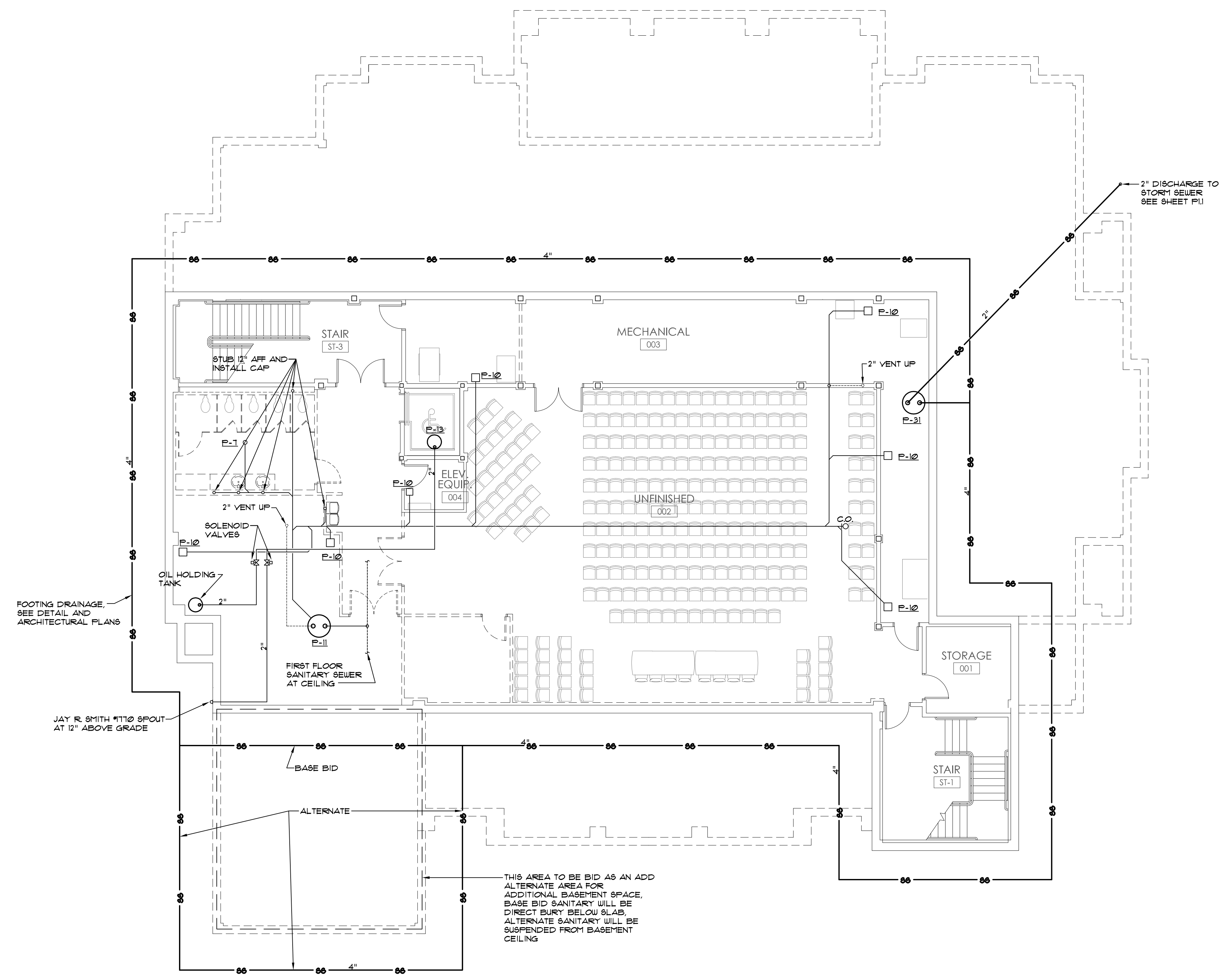


**3** FOOTING DRAINAGE DETAIL  
PT.0 NOT TO SCALE

**4** LEGEND  
PT.0 NO SCALE

Fixture type	Approved Fixture Models
ADA Flush Valve Water Closet	AS #3043.102; Kohler #K-4368; Toto #CT705E
Flush Valve Water Closet	AS #2234.015; Kohler #K-4350; Toto #CT705E
Water Closet Flush Valve	Sloan Royal #1111-YC-YK; Zum #Z6000AV-WS1-YC-YK
ADA Water Closet	Toto #CST-7449L; Kohler #K-3611; AS #2002.014
Water Closet	AS #2018.214; Toto #CST-7445; Kohler #K-3374
Water Closet Supplies	McGuire #BV2165; Zum #Z8802CRQ-PC; Brass Craft #KTR17 C; EBC #CAH12
Open Front Closet Seat	Bemis #1655-C; Church #9500C; Kohler #K-4666-C; Centoco #15005T5CC55; Comfort Seats #C108C
ADA Urinal	AS #6501.010; Kohler #K-4960-ET; Toto #UT447
Urinal Flush Valve	Sloan Royal #186-1.0; Zum Z6003AV
Undermount Sink	Kohler #2-2210
ADA Wall Hung Lavatory 8"	Toto #LT307.8, AS #0356.015, Kohler #K-2030
Supply (lav, sink, cooler)	McGuire #BV2165; Brass Craft #KTR17 C1; Zum #Z8802Q-PC; EBC #LAH12
Lavatory Trap	McGuire #8872C; Brass Craft #0010; Zum #Z8700-8B-PC; ProFlo #PF8872; EBC #TA125
Grd Strainer (lavatory)	McGuire #155A; Brass Craft #0701; Zum #Z8743-PC; T45 #B-0899; ProFlo #PF155A; EBC #5G7
Lavatory Faucet	Kohler #K-7443-5A; T45 #B-2990-W14; Symmons #S-244-LWG; Chicago #404-317CP
Basket Strainer (kitchen sink)	McGuire #151; Brass Craft #0703; Zum #Z8740-PC; ProFlo #PF151ACF; EBC #5B8C
Kitchen Sink Trap	McGuire #8912C; Brass Craft #0030; Zum #Z8702-9LC-PC-B; ProFlo #PF8912; EBC #TA150
Mop Sink	Fiat #MSB-2424; Swanstone #Ms-2424; Zum #Z-1996-24; Florestone #MSR-2424
Mop/Utility Sink Faucet	Kohler #K-8908; T45 #B-0656; AS #8344.112; Chicago #857
ADA Bi-Level Water Cooler	Oasis #P8AC5L; Elkay #E25TL8C; Sunroc #ADAD8BL; HT #HTV8BL-Q; AA #A112108F; Haws #HWUACP8L
ADA Hand Shower	T45 #B-0925; Jaclo #B-11-WB-E-VBG; Kohler #K-8520
ADA Shower Valve	Symmons #4-500-X; Kohler #K-T15621 w/ #K-304-K5; Leonard #L4500SHOG
Floor Sink	JRS #3201; Josam #49420-NB; Zum #Z-1926-23; SC #861-AD
Floor Drain	Proset Trap Guard #T35630-F-P
Wall Hydrant	JRS #5509QT; Woodford #B67; Josam #71000; Zum #Z-1322-EZ;
Hose Bibb	Prier #C-434T; Woodford #27P; Zum #Z1346-CF3;
Expansion Tank	*Amtrrol #ST; ProFlo #PFT; Rheem #RRT
Recirculation Pump	*Armstrong Astro, Taco, B4G
Mixing Valve*	Symmons; Lawler, Watts, Leonard

**5** PLUMBING EQUALS  
PT.0 NO SCALE



- P-1, ADA WATER CLOSET, FLUSH VALVE, SOLID RING PIPE SUPPORT, SEAT
  - P-2, WATER CLOSET, FLUSH VALVE, SOLID RING PIPE SUPPORT, SEAT
  - P-3, SHOWER, KOHLER K-304-KS VALVE WITH STOPS, #C-1396-4-BN TRIM KIT, JAY R. SMITH #2005 DRAIN, 2" OUTLET, BRUSHED NICKEL STRAINER
  - P-4, ADA SHOWER, KOHLER K-304-KS VALVE WITH STOPS, #C-1396-4-BN TRIM KIT, BRUSHED NICKEL SLIDEBAR WITH HANDSHOWER, JAY R. SMITH #2005 DRAIN, 2" OUTLET, BRUSHED NICKEL STRAINER
  - P-5, ADA LAVATORY, UNDERMOUNT SINK, KOHLER #C394-4-BN FAUCET, SUPPLIES, P-TRAP, TRAP AND SUPPLY WRAP, SYMMONS #5-210-CK MIXING VALVE
  - P-6, ADA TUB, KOHLER CAST IRON, VILLAGER SERIES, DELTA T-14438-RB FAUCET WITH #R0000-IPUS VALVE BODY WITH STOPS, HANDSHOWER WITH SLIDEBAR, VENETIAN BRONZE FINISH, POP-UP DRAIN, VENETIAN BRONZE FINISH, 11 GA BRASS
  - P-7, FLOOR DRAIN, JAY R. SMITH #2005, 6" TOP, 3" OUTLET, #2632 INSERT
  - P-8, CLOTHES WASHER BOX, WATTS #A2C-MI-WB, WALL BOX, LEAK SENSOR, 48" STAINLESS BRAIDED HOSES
  - P-9, LAUNDRY SINK, KOHLER #K-12783 SINK, SINGLE HOLE DRILL, WALL BRACKETS, ELKAY #LKT420CR FAUCET, SUPPLIES, SINK DRAIN WITH PLUS, P-TRAP
  - P-10, FLOOR SINK, JAY R. SMITH #310, 2" OUTLET, 1/4 RIM AND GRATE, SEDIMENT BUCKET
  - P-11, SEWAGE EJECTOR, LIBERTY #D361L824-S, 36"x12" FIBERGLASS BASIN, DUPLEX GRINDER PUMPS, 2HP, 208V/1Ø, 3 FLOAT CONTROL PANEL WITH ALARM, STAINLESS RAILS, BLACK STEEL COVER
  - P-12, ADA LAVATORY, WALL HUNG, FAUCET, SUPPLIES, GRID DRAIN, P-TRAP, TRAP AND SUPPLY INSULATION, SYMMONS #5-210-CK MIXING VALVE
  - P-13, ELEVATOR SUMP PUMP, STANCOR #SE-50 PUMP, 120V, 1/2 HP, OIL MINDER CONTROL, 2-120V SENSORS, HIGH LEVEL ALARM, 30 GALLON HOLDING TANK
  - P-14, ADA WATER CLOSET, TANK TYPE, SUPPLY, SLOW CLOSE CLOSED FRONT SEAT WITH COVER
  - P-15, ADA LAVATORY, WALL HUNG, DELTA #5581-RB FAUCET, SUPPLIES, P-TRAP, TRAP AND SUPPLY WRAP, SYMMONS #5-210-CK MIXING VALVE
  - P-16, ADA URINAL, STAINLESS STRAINER, FLUSH VALVE, SOLID RING PIPE SUPPORT
  - P-17, BAR SINK, ELKAY #LR12Ø, DELTA #880-RB-D8T FAUCET, SUPPLIES, BASKET STRAINER, P-TRAP
  - P-18, FLOOR SINK, JAY R. SMITH #310, 4" OUTLET, 1/4 RIM AND GRATE
  - P-19, HOSE BIB, Ø" WALL DEPTH
  - P-20, WATER HEATER, RAYPAK #FIRE, 300 MBH NATURAL GAS INLET, 2-120 GALLON STORAGE TANKS, BRONZE CIRCULATION PUMP, FLOW SWITCH, PVC VENTING, MULTI STAGE FIRING, 120V
  - P-21, CIRCULATION PUMP, ARMSTRONG ASTRO #208, 120V, FLANGES
  - P-22, MOP SINK, FAUCET, WALL GUARDS, 3" DRAIN, HOSE WITH HOSE CLIP
  - P-23, SPARE
  - P-24, GREASE INTERCEPTOR, 2500 GALLON CONCRETE, H-20 TRAFFIC RATED, 2 MANHOLES, INTERNAL BAFLE
  - P-25, FLOOR DRAIN, TRAFFIC RATED, JAY R. SMITH #142, 4" OUTLET, SEDIMENT BUCKET, SEEPAGE HOLES IN BUCKET, VANDAL PROOF GRATE
  - P-26, ADA WATER COOLER, BI-LEVEL, SUPPLY, P-TRAP
  - P-27, ADA LAVATORY, UNDERMOUNT SINK, MOEN #662ØBN FAUCET, SUPPLIES, P-TRAP, TRAP AND SUPPLY WRAP, SYMMONS #5-210-CK MIXING VALVE
  - P-28, SHOWER, MOEN #598 VALVE WITH STOPS, #T282ØBN TRIM KIT, JAY R. SMITH #2005 DRAIN, 2" OUTLET, CHROME PLATED STRAINER
  - P-29, ADA LAVATORY, UNDERMOUNT SINK, DELTA #5581-RB FAUCET, SUPPLIES, P-TRAP, TRAP AND SUPPLY WRAP, SYMMONS #5-210-CK MIXING VALVE
  - P-30, ADA LAVATORY, UNDERMOUNT SINK, DELTA #5538ØB-MFU FAUCET, SUPPLIES, P-TRAP, TRAP AND SUPPLY WRAP, SYMMONS #5-210-CK MIXING VALVE
  - P-31, SUMP PUMP, LIBERTY #25TVE 1/2 HP INTERNALLY PROTECTED MOTOR, 120V, INTEGRAL FLOAT, #JUBA WATER POWERED BACKUP PUMP WITH ALARM, 24"x48" FIBERGLASS BASIN, BOLT DOWN FIBERGLASS COVER, CHECK VALVES
  - P-32, ADA LAVATORY, KOHLER #C393-Ø VESSEL, SINK, DELTA #519-88-D8T FAUCET, DELTA #P416-4888 GRID STRAINER, SUPPLIES, P-TRAP, SYMMONS #5-210-CK MIXING VALVE
  - P-33, SPARE
  - P-34, ROOF DRAIN, JAY R. SMITH #310, 4" OUTLET, FLASHING CLAMP, SUMP RECEIVER, UNDERDECK CLAMP
  - P-35, CAN WASH, WOODFORD #C22 WALL HYDRANT, HOT AND COLD MIXING, JAY R. SMITH #2005 DRAIN, Ø" STRAINER, 4" OUTLET
  - P-36, DOWNSPOUT BOOT, JAY R. SMITH #5Ø-1-2814, 4" ROUND INLET, CLEANOUT
- \* ALL CHINA FIXTURES, SEATS, ETC. TO BE BISCUIT COLOR

**1** BASEMENT SANITARY PLAN  
PT.0 1/8"= 1'-0"

**2** PLUMBING SCHEDULE  
PT.0 NO SCALE

STATE OF ALABAMA  
REGISTERED PROFESSIONAL ENGINEER  
FRANK STEWART  
1-8-11 #122

**R H Smith**  
4 associates p.c.  
Consulting Engineers

2102 Eighth Street  
Tuscaloosa, Alabama 35401  
Phone/Fax 205 345 4402  
E-mail info@rhsmithpc.com

Ellis Architects  
631 Helen Keller Boulevard, Suite 300  
Tuscaloosa, Alabama 35404  
www.ellisarchitects.com

New Sorority House for  
**BETA PSI CHAPTER OF DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama

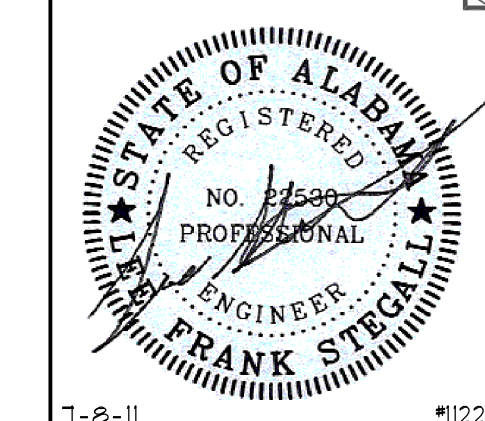
STATE OF ALABAMA  
REGISTERED ARCHITECT  
MICHAEL A. ELLIS  
3692

Copyright © 2011  
Ellis Architects, Inc.

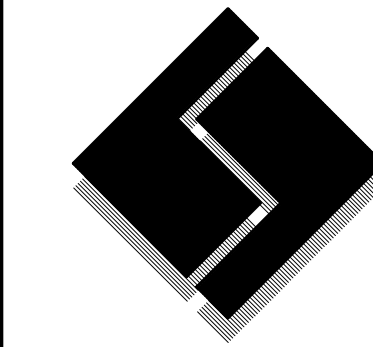
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Lee
Basement Sanitary Plan	
SHEET NUMBER	P1.0



1-2-11 4122

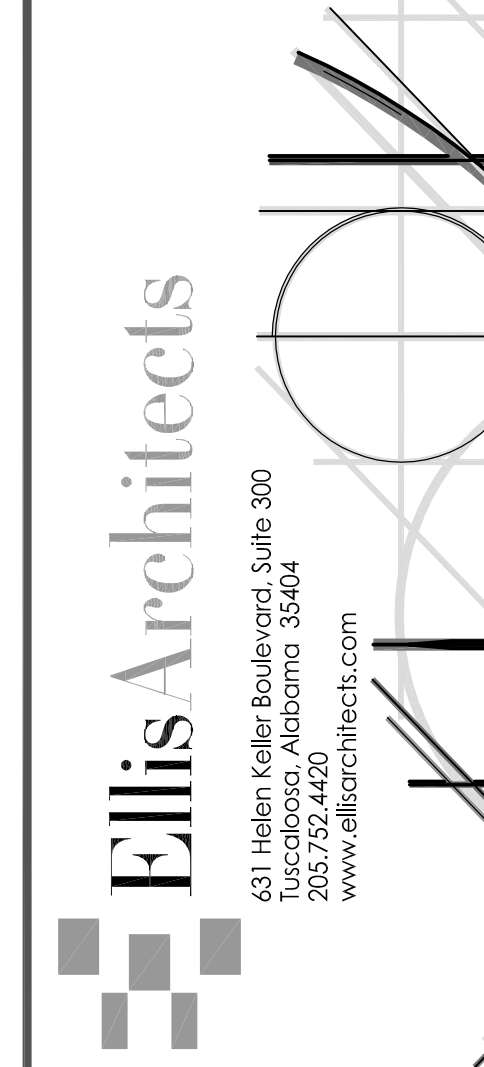


**R H Smith**  
 & associates p.c.  
 Consulting Engineers

2102 Eighth Street  
 Tuscaloosa, Alabama 35401

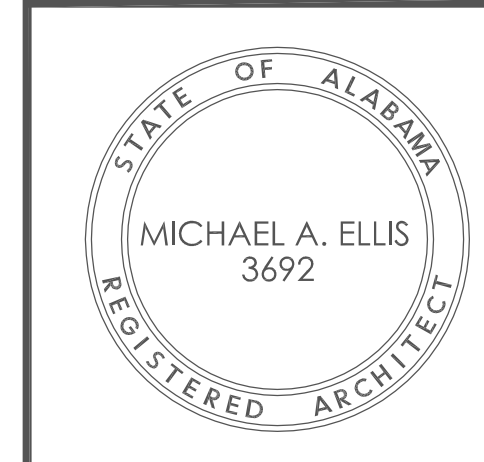
Phone/Fax 205 345 4402

E-mail info@rhsmithpc.com



**Ellis Architects**  
 431 Helen Keller Boulevard, Suite 300  
 Tuscaloosa, Alabama 35404  
 www.ellisarchitects.com

New Sorority House for  
**BETA PSI CHAPTER OF  
 DELTA GAMMA**  
 THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
 Tuscaloosa, Alabama



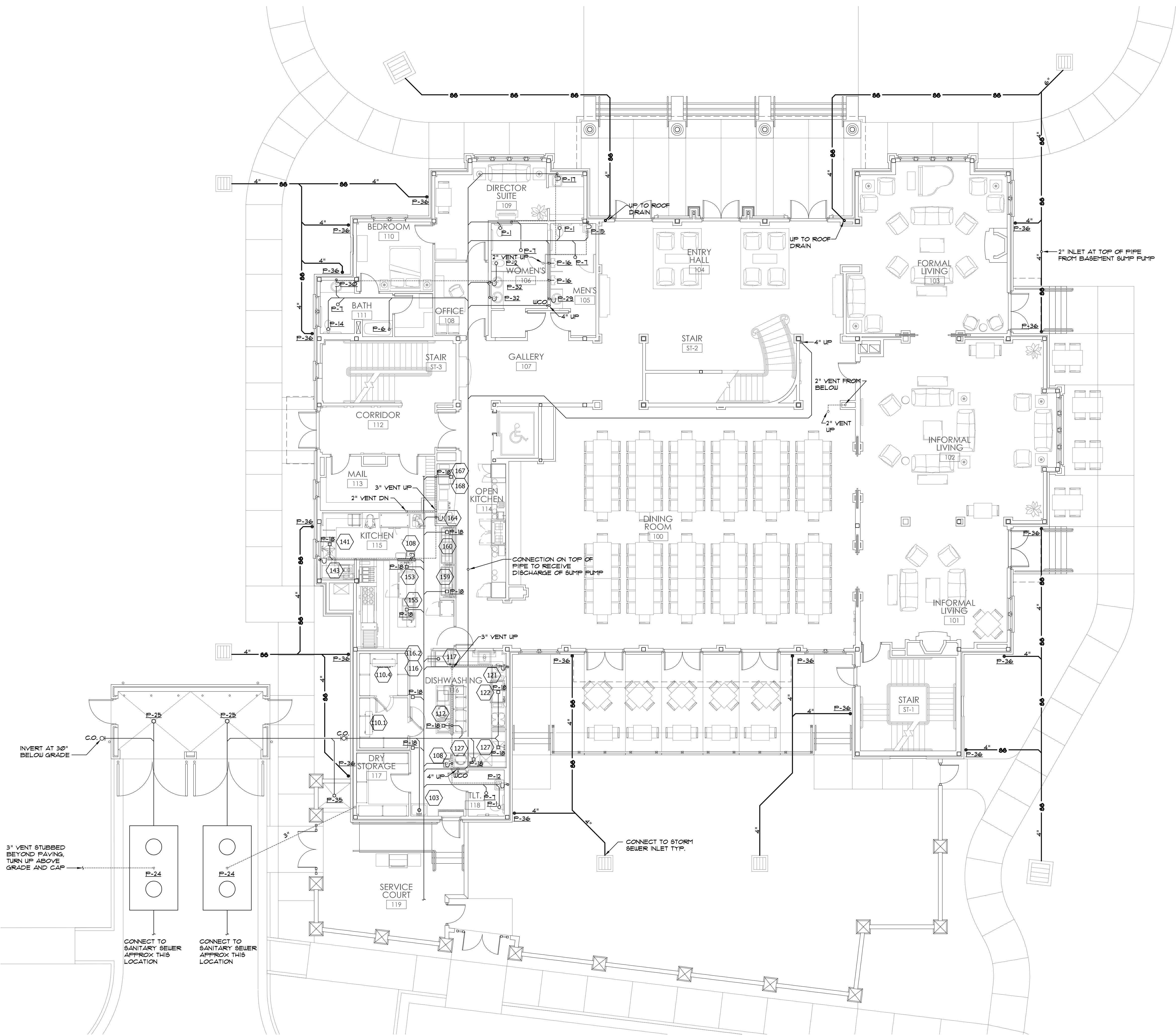
Copyright © 2011  
 Ellis Architects, Inc.

Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

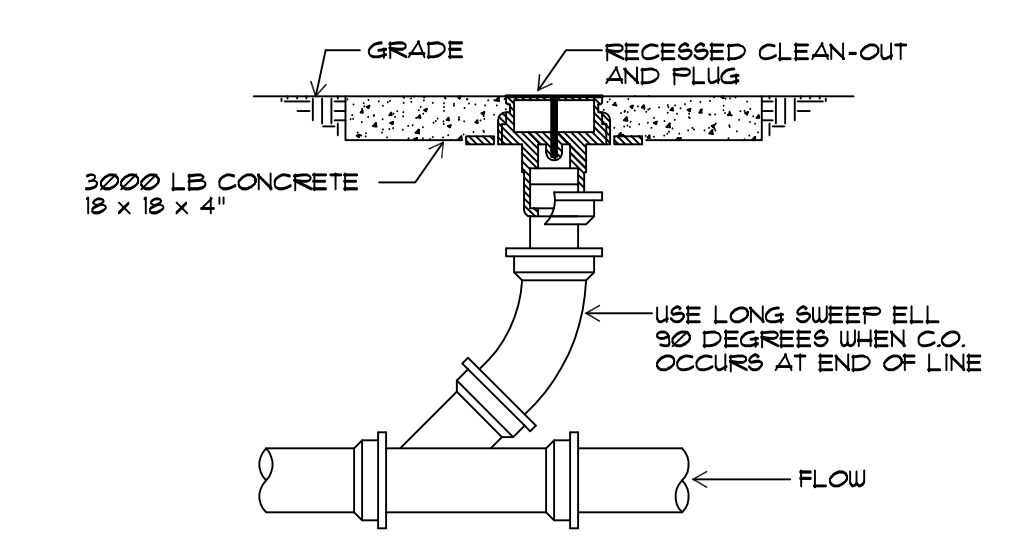
Do Not Scale From Drawings.

Contractor must verify all dimensions prior to construction.

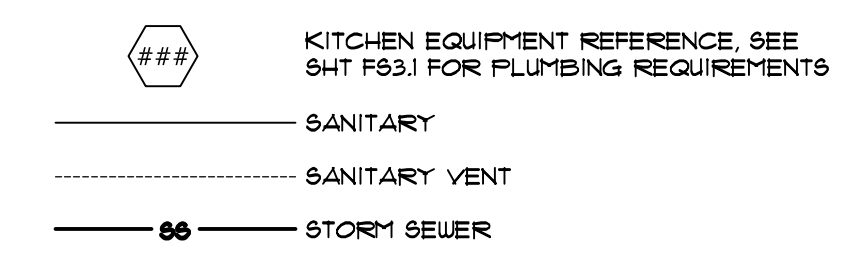
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Lee
First Floor Sanitary Plan	
SHEET NUMBER	P1.1



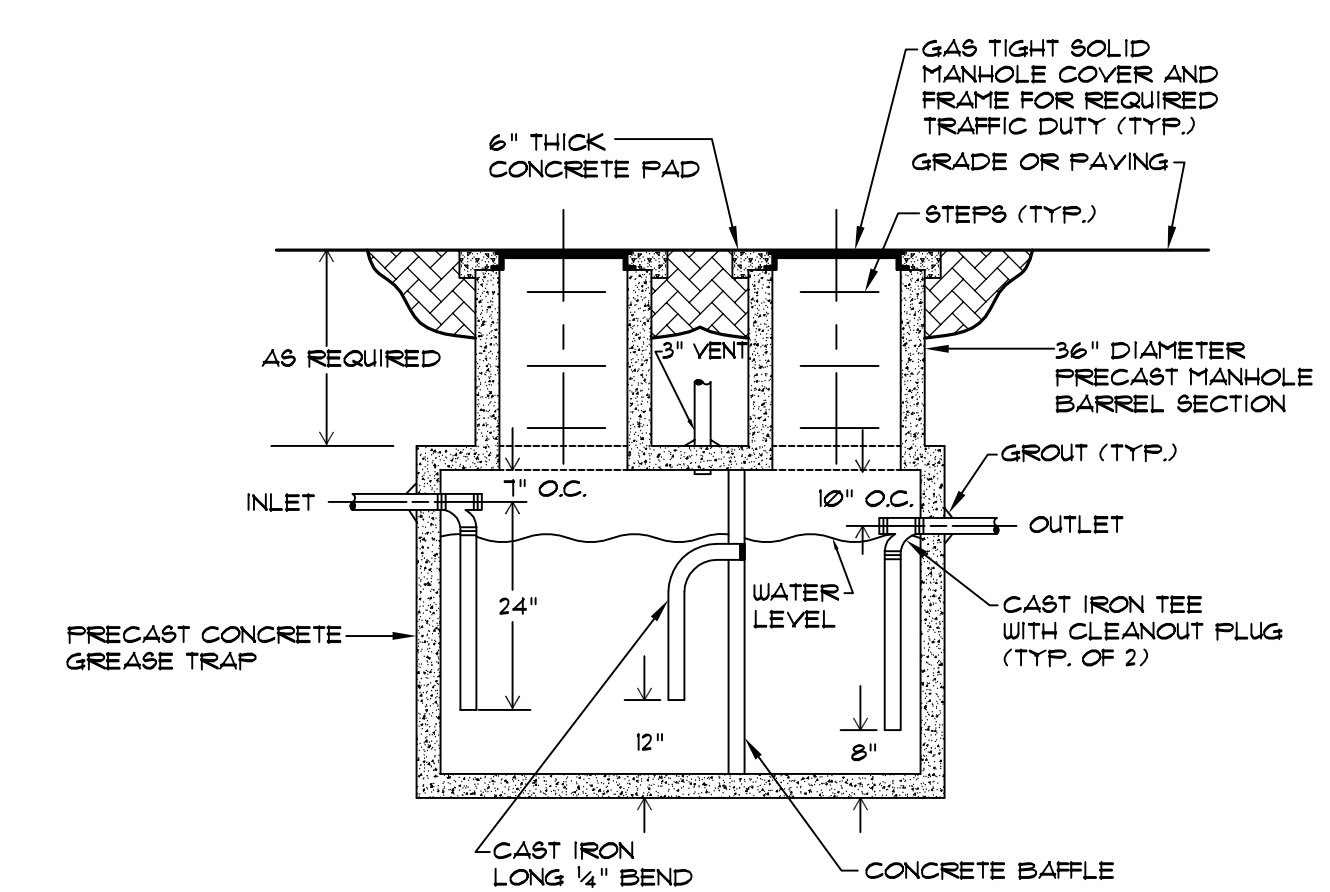
**1**  
 P1.1  
**FIRST FLOOR SANITARY PLAN**  
 1/8" = 1'-0"



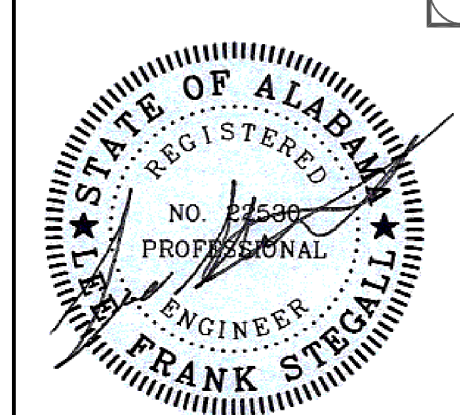
**4**  
 P1.1  
**EXTERIOR CLEANOUT**  
 NOT TO SCALE



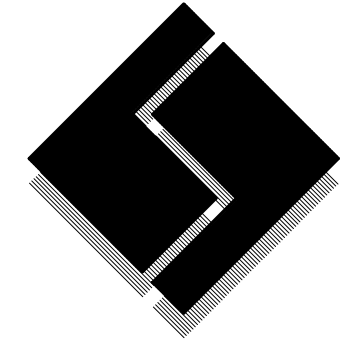
**3**  
 P1.1  
**LEGEND**  
 NO SCALE



**2**  
 P1.1  
**GREASE INTERCEPTOR DETAIL**  
 NOT TO SCALE



7-8-11 4122



**R H Smith**  
4 associates p.c.  
Consulting Engineers  
210 Eighth Street  
Tuscaloosa, Alabama 35401  
Phone/Fax 205 345 4402  
E-mail info@rhsmithpc.com

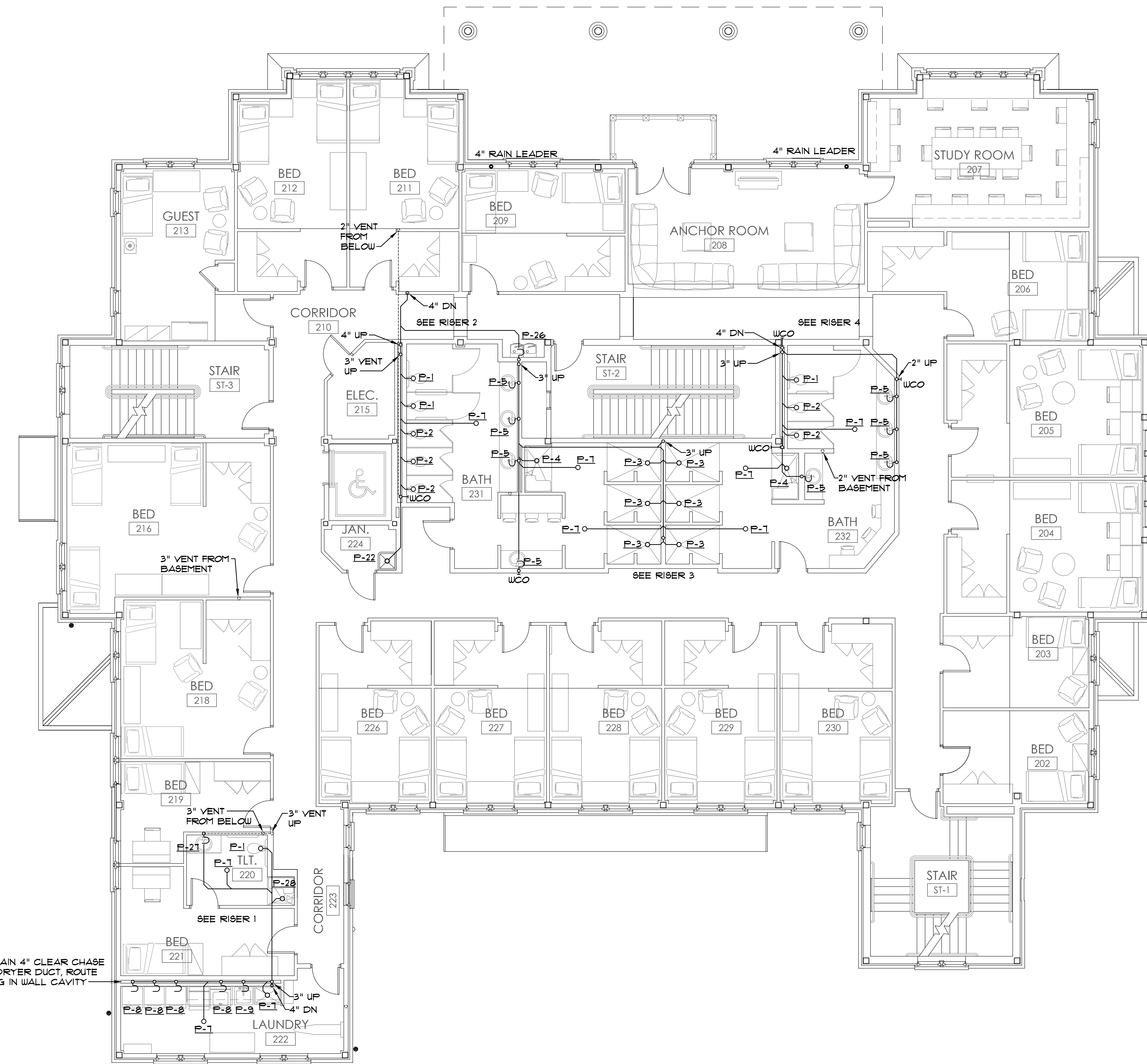
**Ellis Architects**  
611 North Noble Boulevard, Suite 300  
Tuscaloosa, Alabama 35404  
www.ellisarchitects.com

New Sorority House For  
**BETA PSI CHAPTER OF  
DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all  
intellectual rights and ownership of all  
information contained on these  
documents. Ellis Architects, Inc. and  
its consultants shall be deemed the  
authors and owners of their  
respective Instruments of Service and  
shall retain all common law, statutory  
and other reserved rights, including  
copyrights. This document shall not  
be reproduced without the written  
authorization of Ellis Architects.  
Do Not Scale From Drawings.  
Contractor must verify all dimensions  
prior to construction.

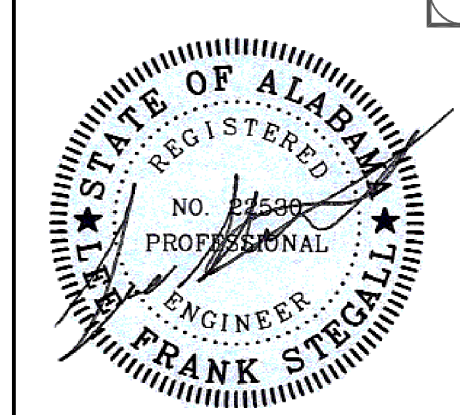
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Lee
<b>Second Floor Sanitary Plan</b>	
SHEET NUMBER	<b>P1.2</b>



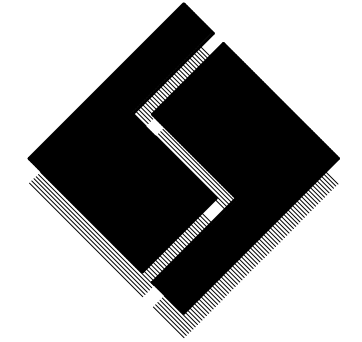
————— SANITARY  
- - - - - SANITARY VENT

**1**  
P1.2 **SECOND FLOOR SANITARY PLAN**  
1/8" = 1'-0"

**2**  
P1.2 **LEGEND**  
NO SCALE



7-8-11 4122



**R I Smith**  
4 associates p.c.  
Consulting Engineers  
210 Eighth Street  
Tuscaloosa, Alabama 35401  
Phone/Fax 205 345 4402  
E-mail info@rsmithpc.com

**Ellis Architects**

611 North Ninth Street, Suite 300  
Tuscaloosa, Alabama 35404  
205.752.4402  
www.ellisarchitects.com

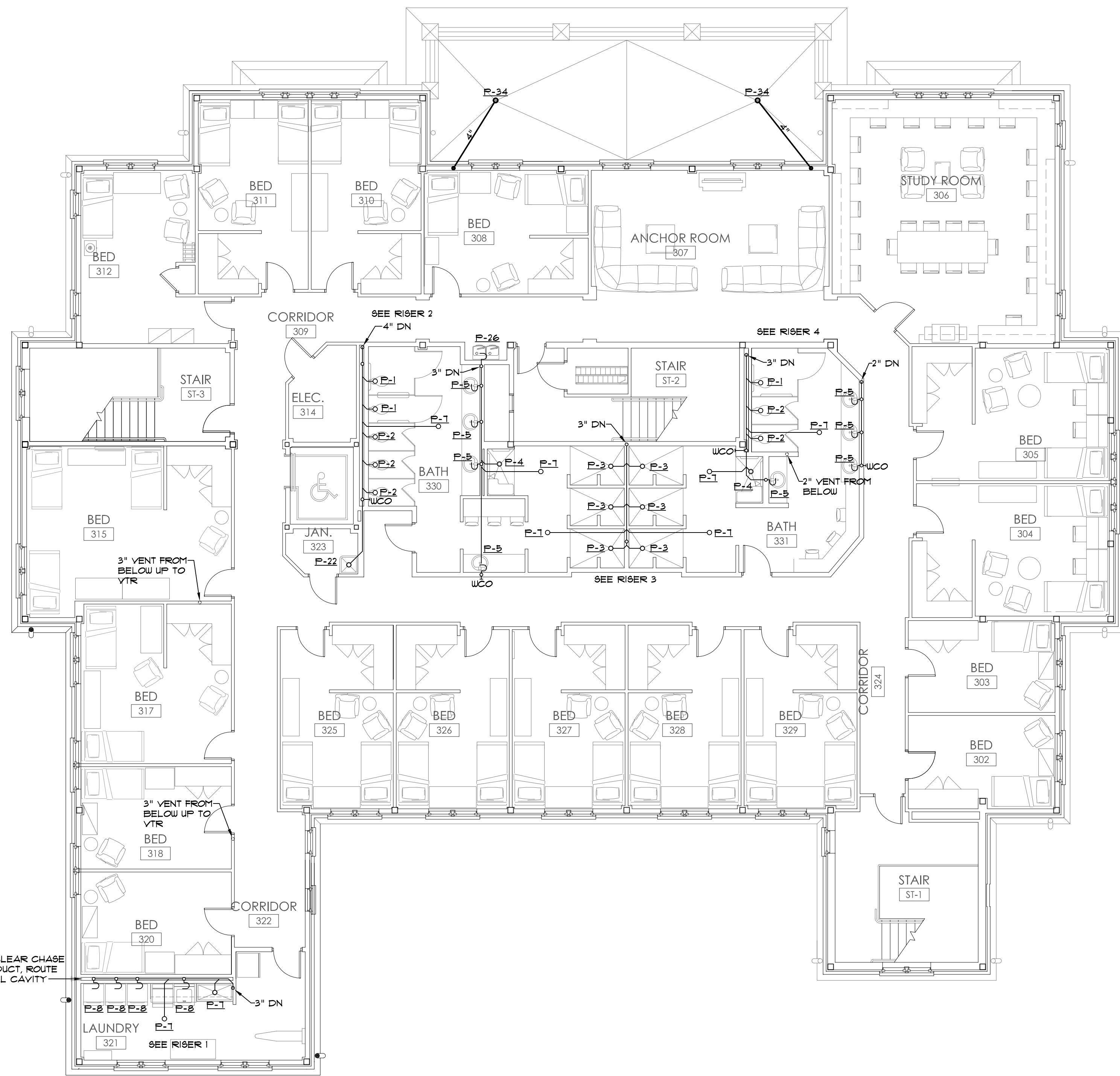
New Sorority House For  
**BETA PSI CHAPTER OF  
DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all  
intellectual rights and ownership of all  
information contained on these  
documents. Ellis Architects, Inc. and  
its consultants shall be deemed the  
authors and owners of their  
respective Instruments of Service and  
shall retain all common law, statutory  
and other reserved rights, including  
copyrights. This document shall not  
be reproduced without the written  
authorization of Ellis Architects.

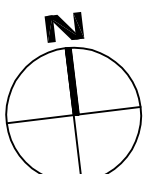
Do Not Scale From Drawings.  
Contractor must verify all dimensions  
prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Lee
Third Floor Sanitary Plan	
SHEET NUMBER	P1.3



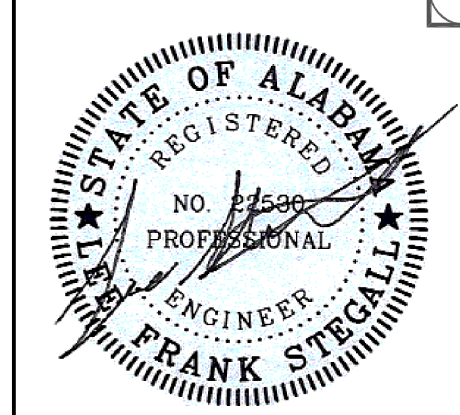
————— SANITARY  
- - - - - SANITARY VENT

**1**  
PT.3  
THIRD FLOOR SANITARY PLAN  
1/8" = 1'-0"

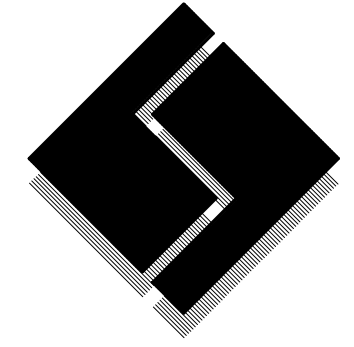


**2**  
PT.3  
LEGEND  
NO SCALE





7-8-11 4122



**R. I. Smith**  
4 associates p.c.  
Consulting Engineers  
210 Eighth Street  
Tuscaloosa, Alabama 35401  
Phone/Fax 205 345 4402  
E-mail info@rsmithpc.com

**Ellis Architects**  
631 Kellyville Boulevard, Suite 300  
Tuscaloosa, Alabama 35404  
205.752.4402  
www.ellisarchitects.com

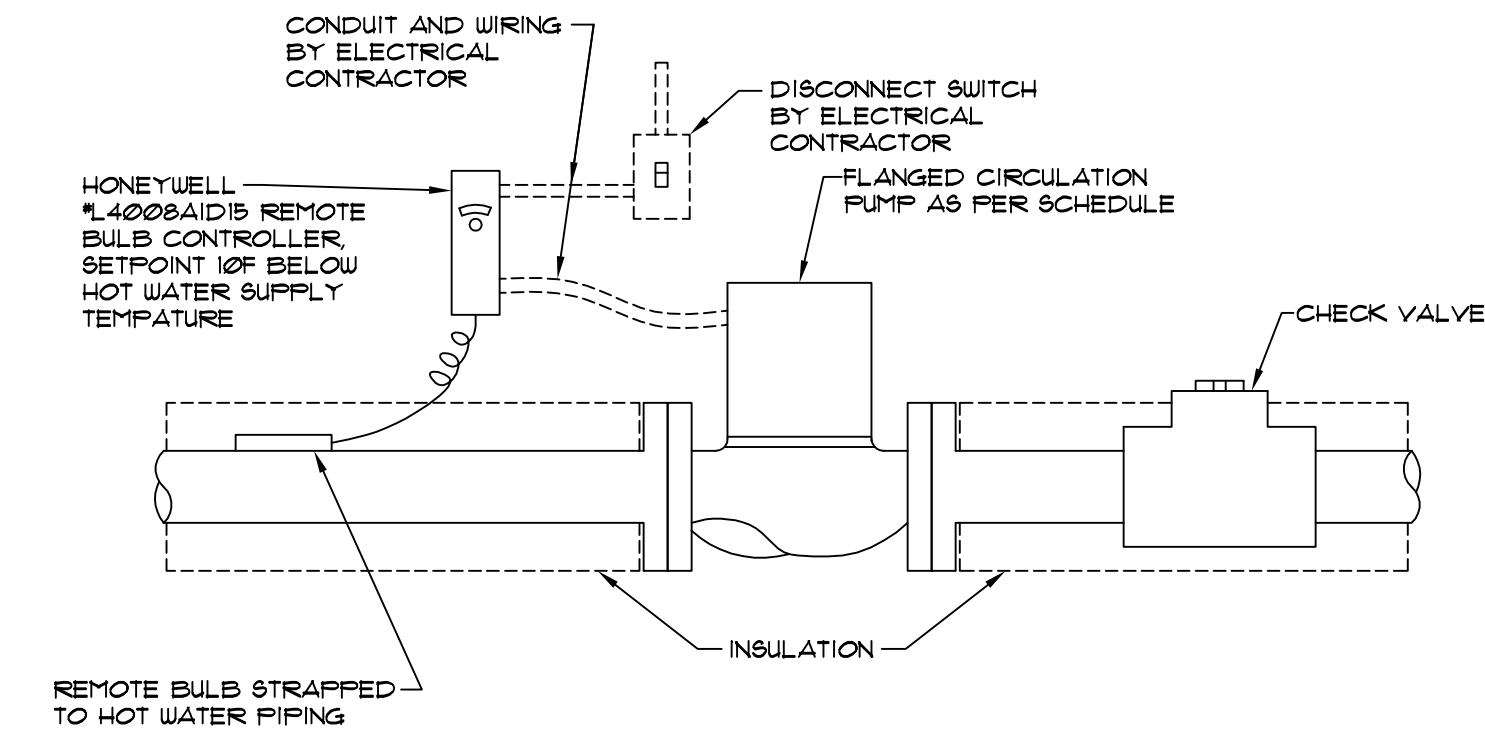
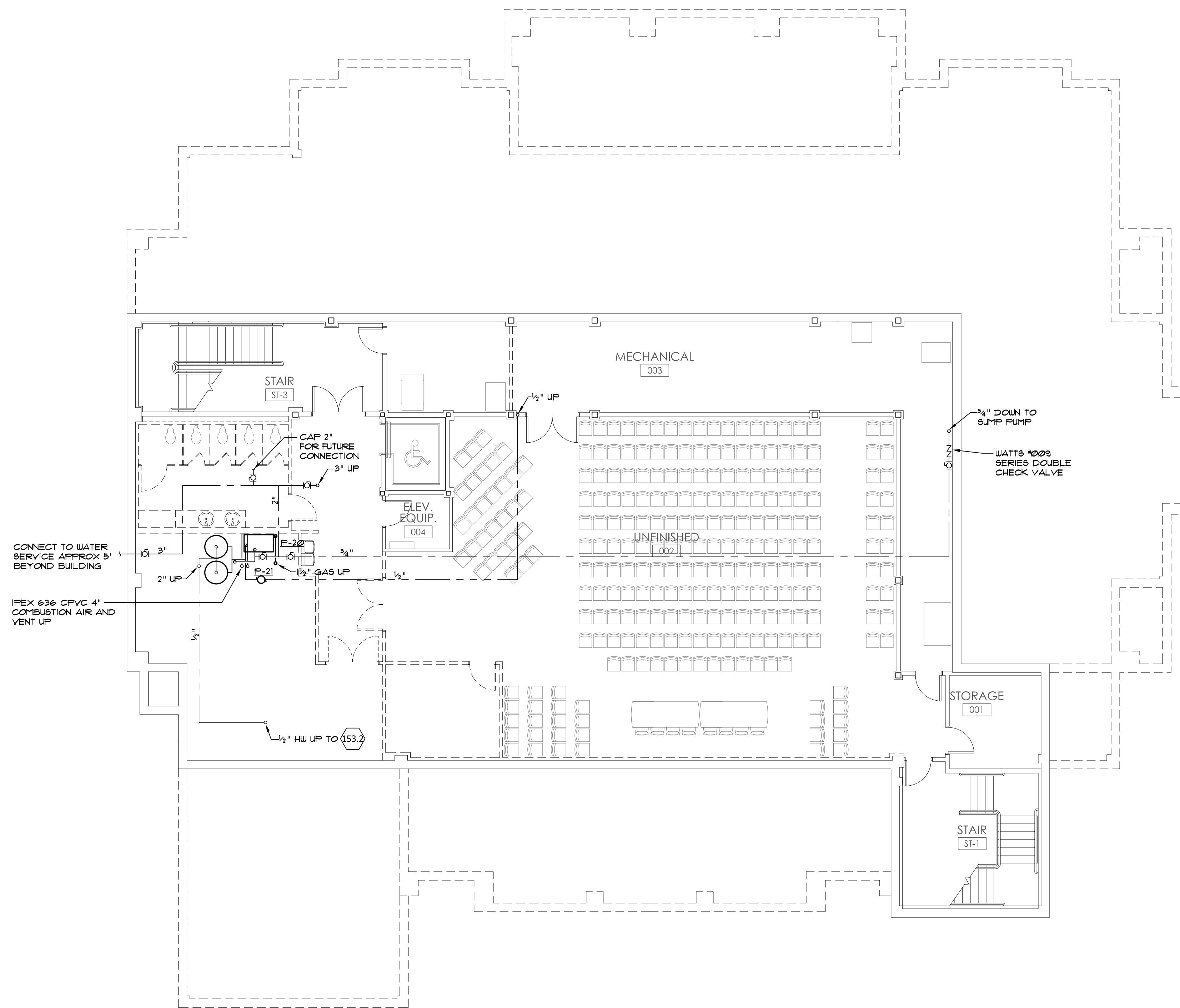
New Sorority House For  
**BETA PSI CHAPTER OF  
DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all  
intellectual rights and ownership of all  
information contained on these  
documents. Ellis Architects, Inc. and  
its consultants shall be deemed the  
authors and owners of their  
respective Instruments of Service and  
shall retain all common law, statutory  
and other reserved rights, including  
copyrights. This document shall not  
be reproduced without the written  
authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions  
prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Lee
Basement Pressure Plan	
SHEET NUMBER	P2.0

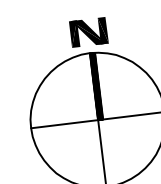


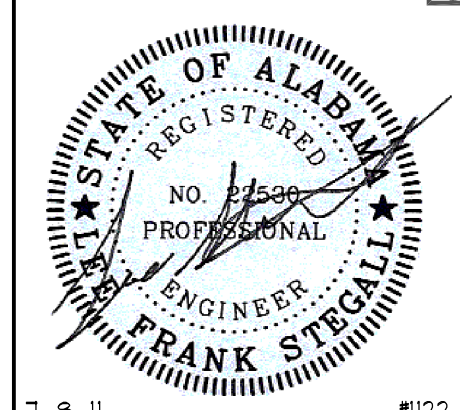
**3** CIRCULATION PUMP DETAIL  
P2.0 NOT TO SCALE

- COLD WATER PIPING
- HOT WATER PIPING (140° F)
- HOT WATER RETURN PIPING

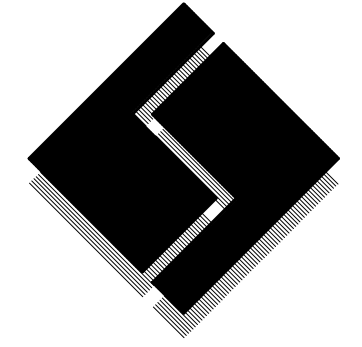
**2** LEGEND  
P2.0 NO SCALE

**1** BASEMENT PRESSURE PIPING PLAN  
P2.0 1/8" = 1'-0"





7-8-11 4122



**R H Smith**  
 & associates p.c.  
 Consulting Engineers  
 ♦  
 210 Eighth Street  
 Tuscaloosa, Alabama 35401  
 ♦  
 Phone/Fax 205 345 4402  
 ♦  
 E-mail info@rhsmithpc.com

**Ellis Architects**  
 651 North Noble Boulevard, Suite 300  
 Tuscaloosa, Alabama 35404  
 www.ellisarchitects.com

New Sorority House For  
**BETA PSI CHAPTER OF  
 DELTA GAMMA**  
 THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
 Tuscaloosa, Alabama

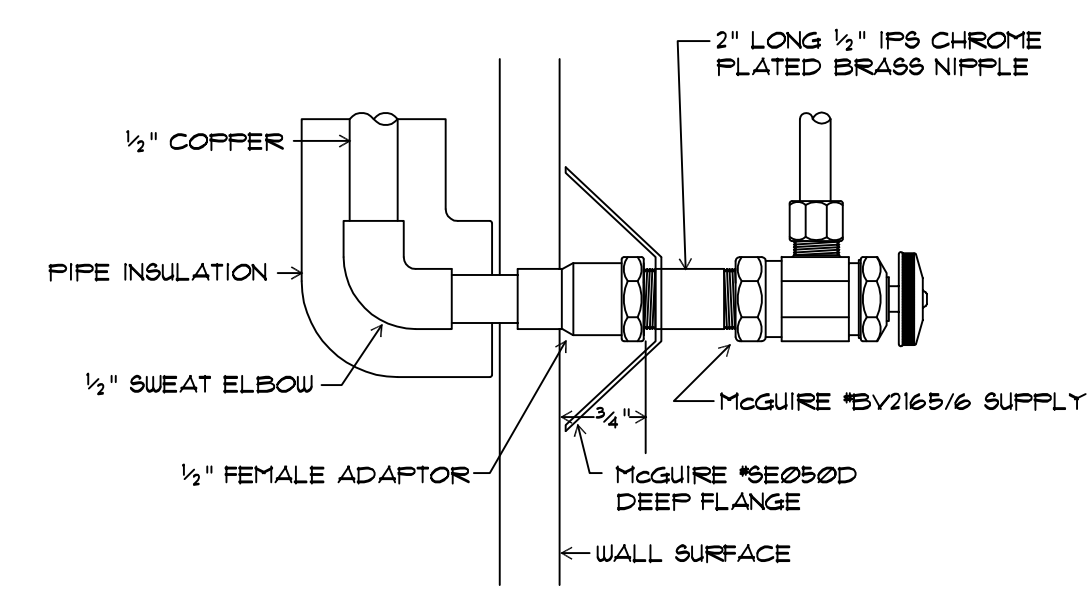
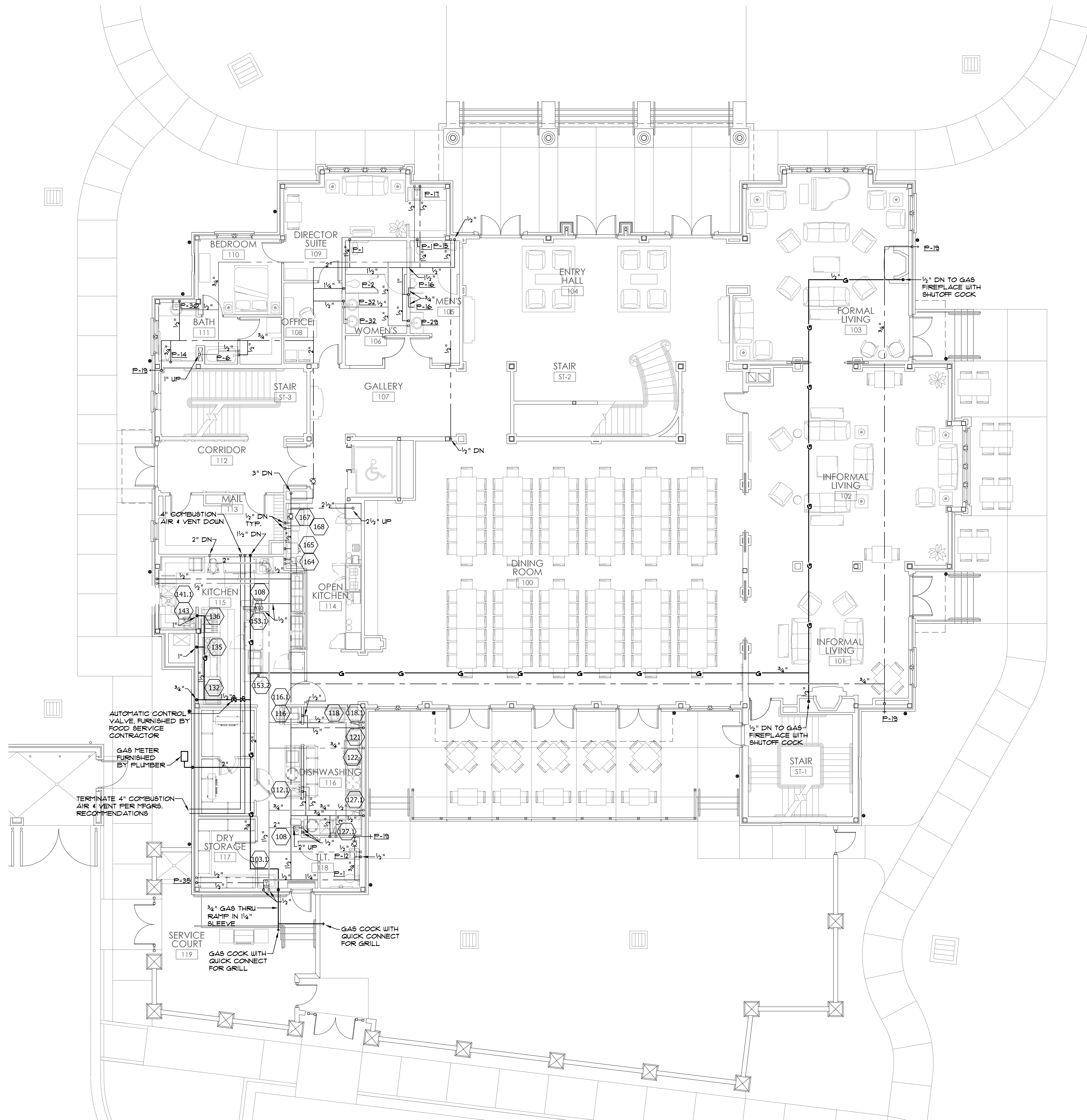


Copyright © 2011  
 Ellis Architects, Inc.

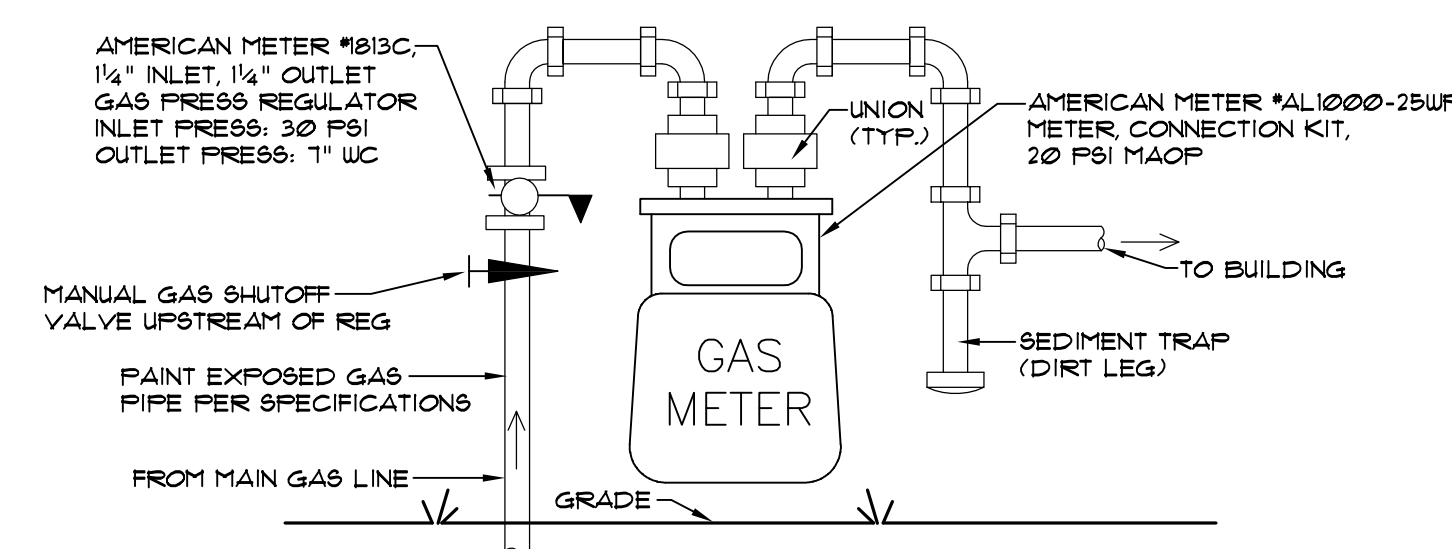
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Lee
<b>First Floor Pressure Plan</b>	
SHEET NUMBER	P2.1



**4 SUPPLY DETAIL**  
 P2.1 NOT TO SCALE

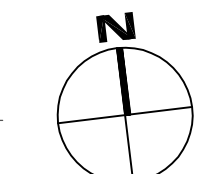


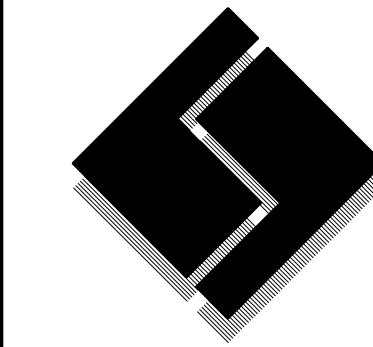
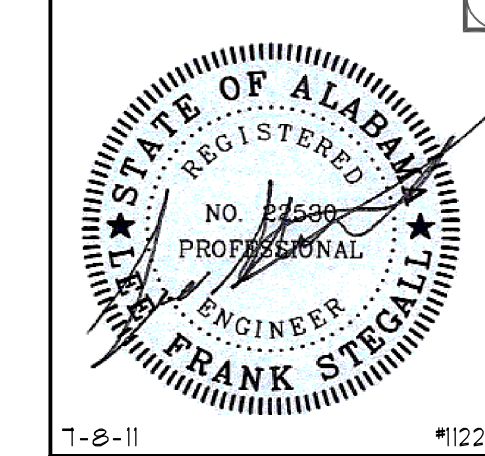
**3 GAS METER DETAIL**  
 P2.1 NOT TO SCALE

- ### KITCHEN EQUIPMENT REFERENCE, SEE SHT #531 FOR PLUMBING REQUIREMENTS
- COLD WATER PIPING
- - - HOT WATER PIPING (140° F)
- - - HOT WATER RETURN PIPING
- GAS PIPING
- BOILER VENT PIPING

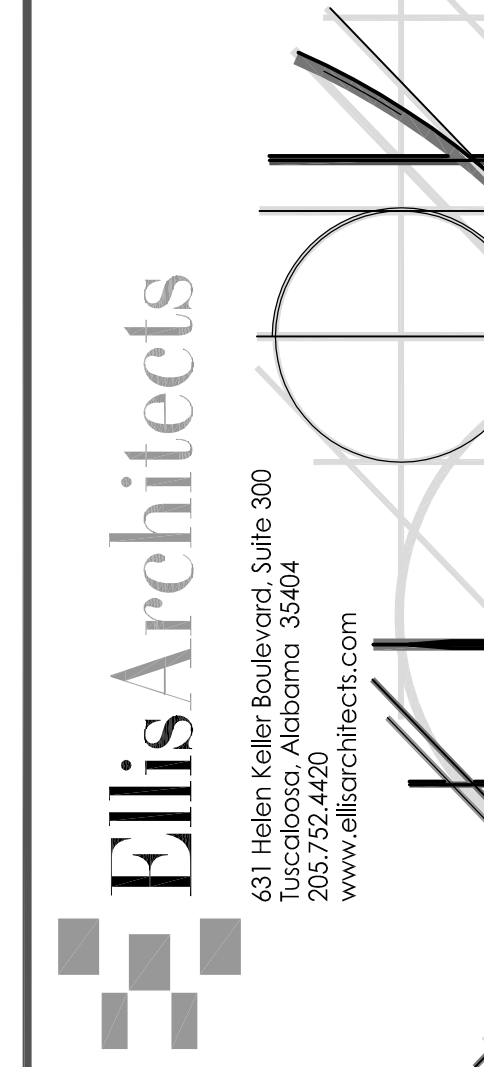
**2 LEGEND**  
 P2.1 NO SCALE

**1 FIRST FLOOR PRESSURE PIPING PLAN**  
 P2.1 1/8" = 1'-0"

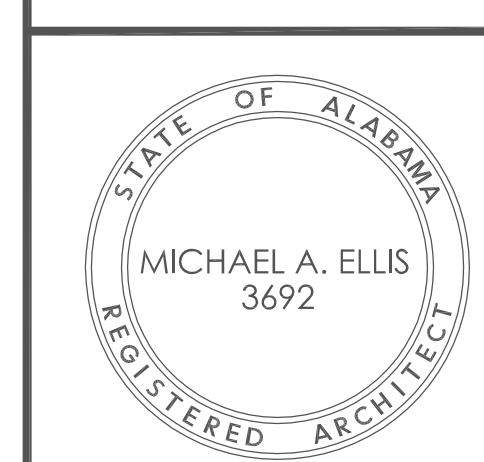




**R H Smith**  
 4 associates p.c.  
 Consulting Engineers  
 ♦  
 210 Eighth Street  
 Tuscaloosa, Alabama 35401  
 ♦  
 Phone/Fax 205 345 4402  
 ♦  
 E-mail info@rhstppc.com



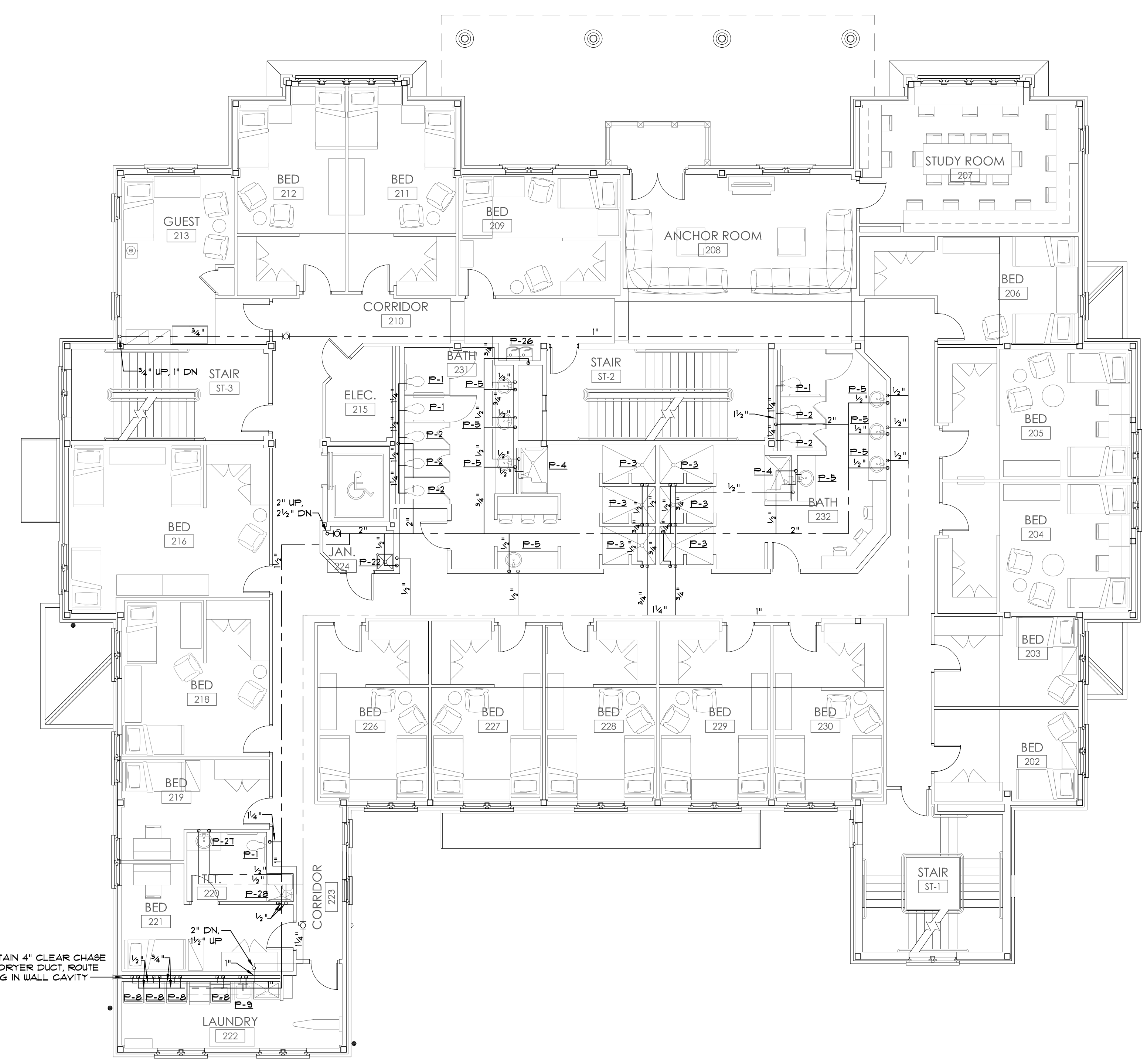
New Sorority House for  
**BETA PSI CHAPTER OF DELTA GAMMA**  
 THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
 Tuscaloosa, Alabama



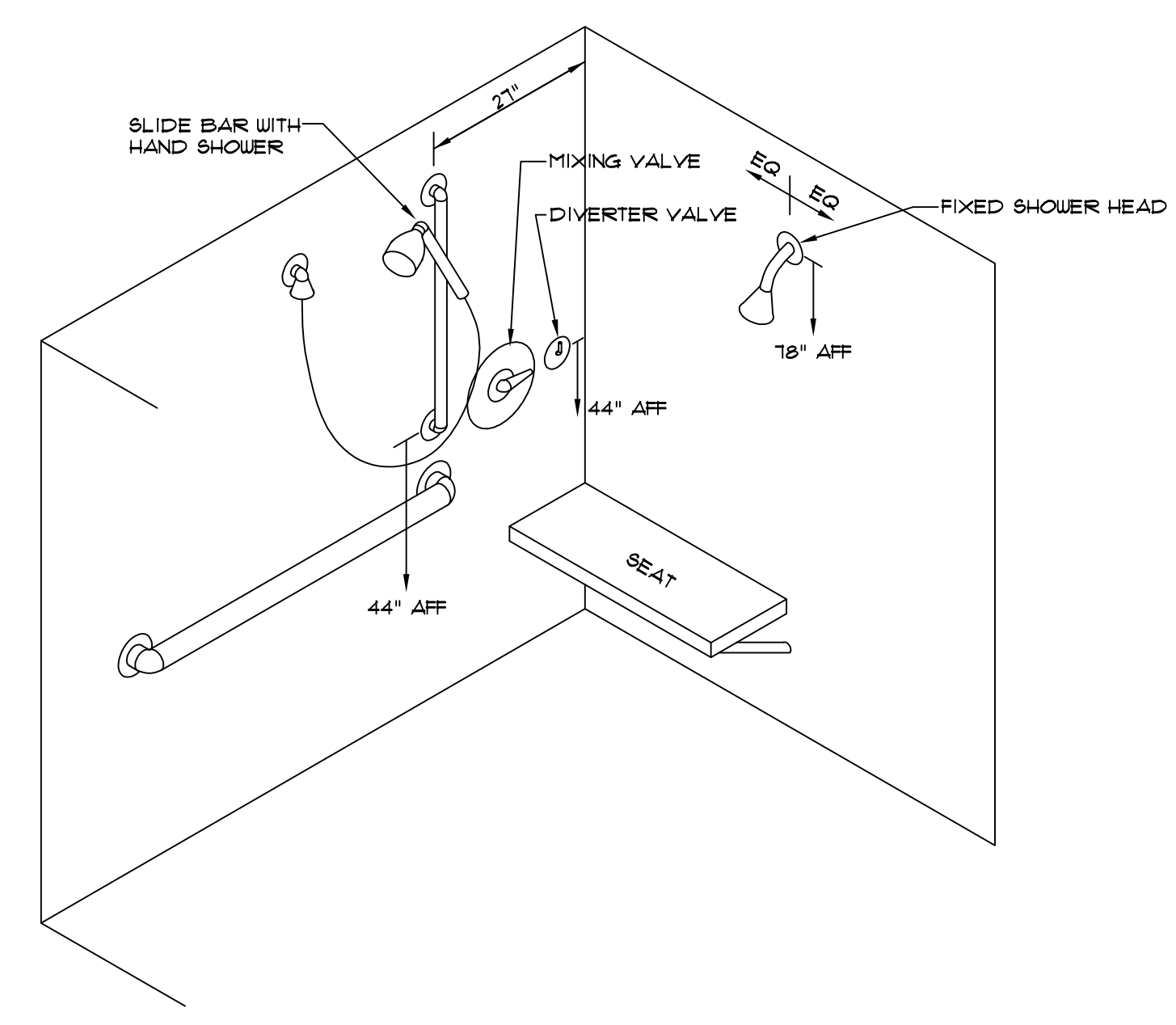
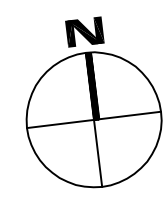
Copyright © 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

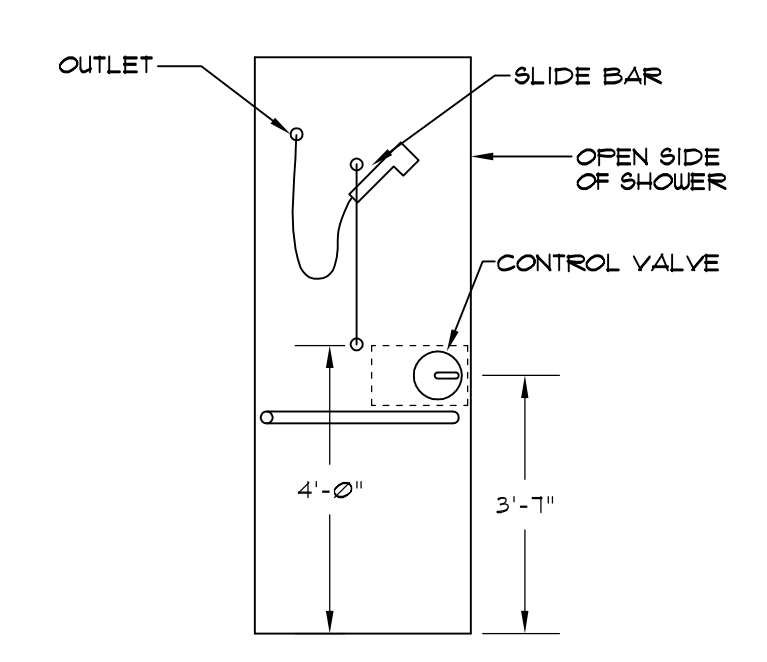
JOB No.	11006
DATE:	7-12-11
REV DATE:	
DRAWN BY:	Lee
<b>Second Floor Pressure Plan</b>	
SHEET NUMBER	<b>P2.2</b>



**1**  
**P2.2** SECOND FLOOR PRESSURE PIPING PLAN  
 1/8" = 1'-0"



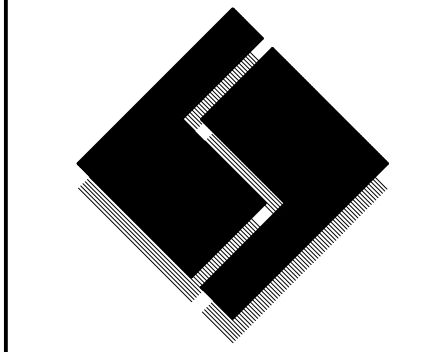
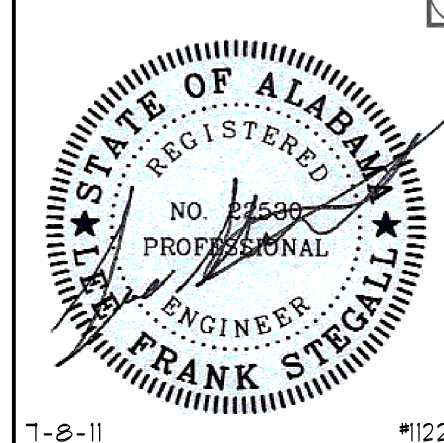
**4**  
**P2.2** P-4 ADA SHOWER DETAIL  
 NOT TO SCALE



**3**  
**P2.2** P-28 ADA SHOWER DETAIL  
 NOT TO SCALE

--- COLD WATER PIPING  
 - - - HOT WATER PIPING (140° F)

**2**  
**P2.2** LEGEND  
 NO SCALE



**R. I. Smith**  
 4 associates p.c.  
 Consulting Engineers

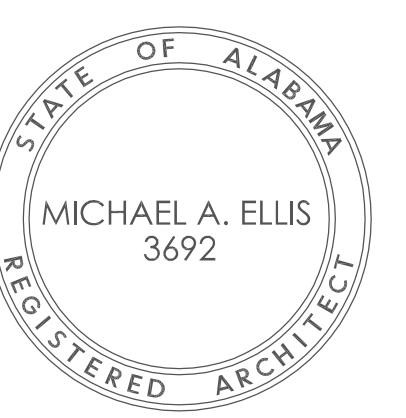
210 Eighth Street  
 Tuscaloosa, Alabama 35401

Phone/Fax 205 345 4402

E-mail info@rhsmithpc.com

**Ellis Architects**  
 631 North Noble Boulevard, Suite 300  
 Tuscaloosa, Alabama 35404  
 205.752.4402  
 www.ellisarchitects.com

New Sorority House For  
**BETA PSI CHAPTER OF  
 DELTA GAMMA**  
 THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
 Tuscaloosa, Alabama



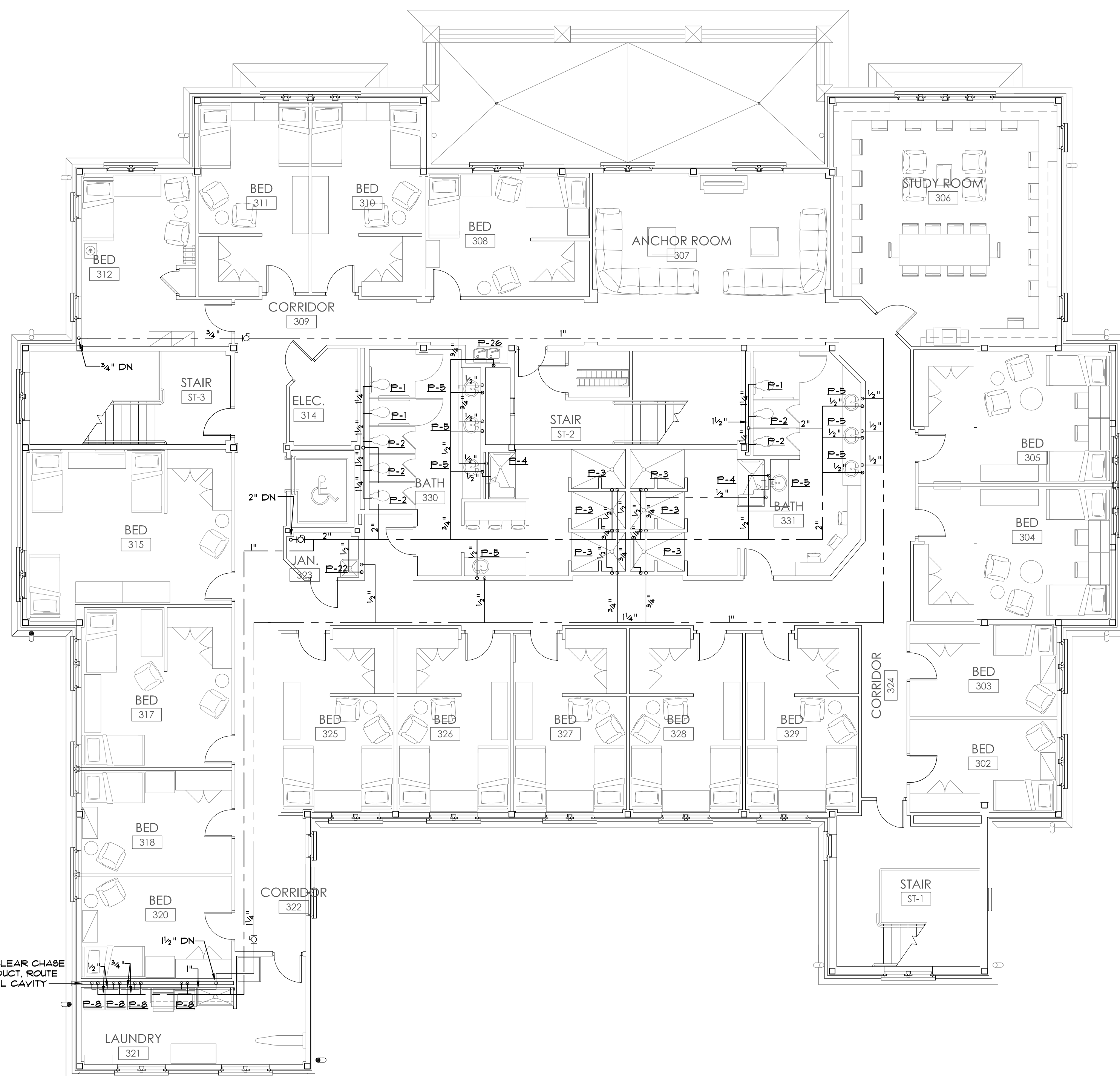
Copyright © 2011  
 Ellis Architects, Inc.

Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.

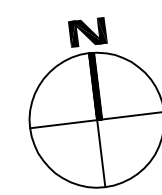
Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Lee
<b>Third Floor Pressure Plan</b>	
SHEET NUMBER	P2.3



— COLD WATER PIPING  
 - - - HOT WATER PIPING (140° F)

**1**  
 P2.3 **THIRD FLOOR PRESSURE PIPING PLAN**  
 1/8" = 1'-0"



**2**  
 P2.3 **LEGEND**  
 NO SCALE

- ROUND BRANCH DUCTS 6"-10" AND LESS IN LENGTH TO BE INSTALLED WITH FLEXIBLE ROUND DUCT AS PER SPECIFICATIONS. BRANCH DUCTS GREATER THAN 6"-10" IN LENGTH ARE TO BE INSTALLED WITH ROUND RIGID DUCT TO WITHIN 5'-0" OF TERMINATION WITH FLEXIBLE DUCT CONNECTION NOT EXCEEDING 5'-0" IN LENGTH.
- VERIFY CEILING CONSTRUCTION PRIOR TO ORDERING DIFFUSERS.
- INSTALL FIRE DAMPERS AT ALL DUCT PENETRATIONS OF FIRE RATED PARTITIONS. CONSULT ARCHITECTURAL PLANS FOR RATINGS.
- EQUIPMENT AS MANUFACTURED BY TRANE, CARRIER, LENOX, OR YORK ACCEPTABLE SUBJECT TO PLANS AND SPECIFICATIONS.
- REFRIGERANT PIPE SIZES TO BE AS RECOMMENDED BY MANUFACTURER.
- AIR HANDLING UNITS AND PACKAGE EQUIPMENT WITH AIRFLOW GREATER THAN 2000 CFM TO BE FURNISHED AND INSTALLED WITH DUCT TYPE SMOKE DETECTORS WITH FAN SHUT-DOWN RELAYS IN RETURN AIR DUCT PRIOR TO MIXING WITH OUTSIDE AIR.
- ALL CONTROL CABLING ON EXTERIOR OF BUILDING TO BE INSTALLED IN CONDUIT.
- BUILDINGS WITH SLOPED ROOFS TO BE INSTALLED IN SUCH A MANNER SO THAT ALL ROOF PENETRATIONS OCCUR ON SLOPE OF ROOF OPPOSITE FROM PRIMARY ROADS, ENTRANCES, ETC. INCLUDE OFFSETS, DUCTWORK, VENT PIPING, ETC. AS REQUIRED. ITEMS LOCATED ON FRONT ROOF SLOPES TO BE RELOCATED AT CONTRACTOR'S EXPENSE INCLUDING ROOFING REPAIRS.
- CONDENSATE PIPING ON SECOND AND THIRD FLOORS TO BE 1/2" COPPER. ALL CHANGES IN DIRECTION TO BE WITH TEES WITH FEMALE ADAPTER AND FLANGES.

**8 GENERAL NOTES**  
M.O.1 NO SCALE

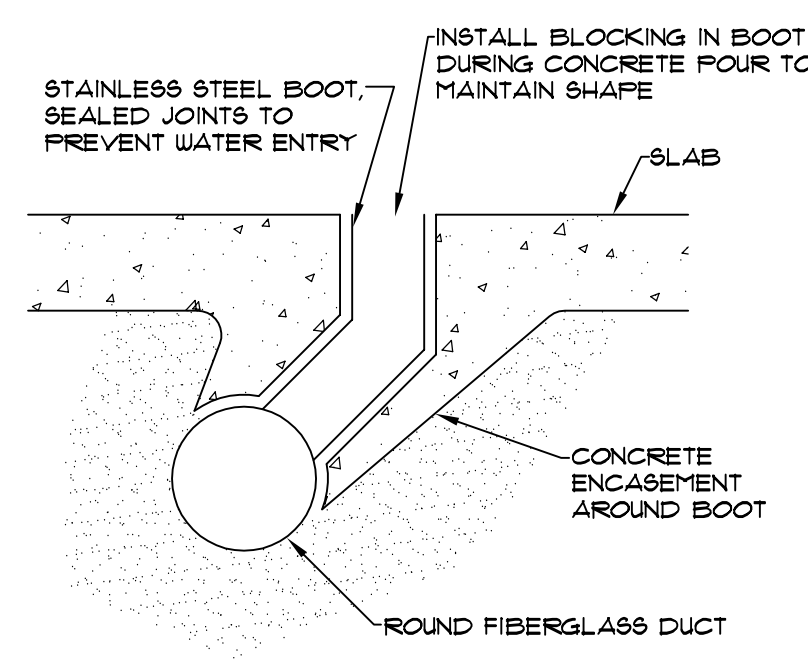
- UNLESS OTHERWISE NOTED IN SCHEDULE, ALL EQUIPMENT SELECTED AT 15 DB(A) 63 WB EAT, 45F EWT COOLING, 60F EDB, 180F EWT HEATING.
  - ALL FAN COIL UNITS TO BE FURNISHED WITH 2-WAY, 2-POSITION, NORMALLY CLOSED CONTROL VALVES, DELUXE BALL VALVE SUPPLY AND RETURN WITH AUTO CIRCUIT SETTER, OCCUPIED / UNOCCUPIED CONTROL, CONDENSATE OVERFLOW DETECTION
- OUTDOOR AIR, TRANE \*FCAD060, VERTICAL CONFIGURATION, 7500 CFM AT 0.1" ESP, 1" ROIL INSULATION, 6 ROW 14 FPI COOLING COIL, 6A75 EAT, 44 GPM, 18F LAT, 1 ROW 12 FPI PREHEAT COIL, 11F EAT, 10 GPM, 45F LAT, 208V/3/60, 1/2 HP, 4.25 MCA, 15 MOP, CONSTANT VOLUME, VARIABLE PITCH, 2" FLAT FILTER RACK
- DINING ROOM, TRANE \*FCAD100, VERTICAL CONFIGURATION, 4000 CFM AT 0.1" ESP, 6 ROW 12 FPI COOLING COIL, 18 GPM, 55F LAT, 1 ROW 3 FPI HEATING COIL, 8 GPM, 90F LAT, 208V/3/60, 3 HP, 10.88 MCA, 15 MOP, CONSTANT VOLUME, VARIABLE PITCH, 2" FLAT FILTER RACK
- LIVING ROOM, TRANE \*FCV0284B, VERTICAL CONFIGURATION, 1600 CFM AT 0.1" ESP, 6 ROW COOLING COIL, 3 GPM, 55F LAT, 1 ROW HEATING COIL, 4 GPM, 93F LAT, 208V/1/60, 3/4 HP, 15 MCA, 15 MOP, 2" FILTER RACK, CONSTANT VOLUME, VARIABLE PITCH
- FOYER 1, TRANE \*FCV0214A, VERTICAL CONFIGURATION, 1000 CFM AT 0.1" ESP, 4 ROW HIGH CAPACITY COOLING COIL, 5 GPM, 55F LAT, 1 ROW HEATING COIL, 2 GPM, 100F LAT, 15V, 1/3 HP INTERNALLY PROTECTED MOTOR, 1.25 MCA, 15 MOP, 2" FILTER RACK, CONSTANT VOLUME, VARIABLE PITCH
- KITCHEN, TRANE \*FCV0217P, VERTICAL CONFIGURATION, 2000 CFM AT 0.6" ESP, 6 ROW COOLING COIL, 15 GPM, 52F LAT, 1 ROW HEATING COIL, 5 GPM, 100F LAT, 2" SPEED MOTOR, 15V, 1/4 HP, 1/3 MCA, 25 MOP, 2" FILTER RACK, CONSTANT VOLUME, VARIABLE PITCH
- FOYER 2, TRANE \*FCV0217P, VERTICAL CONFIGURATION, 2000 CFM AT 0.6" ESP, 6 ROW COOLING COIL, 15 GPM, 52F LAT, 208V/1/60, 3/4 HP, 15 MCA, 15 MOP, 2" FILTER RACK, CONSTANT VOLUME, VARIABLE PITCH
- ELEVATOR, TRANE \*FCB0203, VERTICAL SLOPE TOP FRONT TOE SPACE INLET, TOP BAR GRILLE OUTLET, 2 ROW COOLING ONLY, 80/6/1 EAT, 1 GPM, 5/6 BTU, 15V, 0.88 MCA, 15 MOP, 1" FILTER
- FCU #1, 21, 22, 25, 26, 27, 28, 210-218, 31, 32, 35, 39-311, TRANE \*CEB02, HORIZONTAL RECESSED, FRONT AND BACK DUCT COLLARS, 3 ROW COOLING COIL, 1 GPM, 56F LAT, 43 MBH, 1 ROW HEATING COIL, 10F EAT, 0.3 GPM, 100F LAT, HIGH STATIC MOTOR, 15V, 1.38 MCA, 15 MOP, MEDIUM FAN SPEED (FIELD ADJUSTABLE)
- FCU #3, 24, 27-29, 210, 220, 33, 34, 36-38, 310, 315, TRANE \*CEB02, HORIZONTAL RECESSED, FRONT AND BACK DUCT COLLARS, 3 ROW COOLING COIL, 1 GPM, 56F LAT, 51 MBH, 1 ROW HEATING COIL, 10F EAT, 0.3 GPM, 100F LAT, HIGH STATIC MOTOR, 15V, 1.38 MCA, 15 MOP, HIGH FAN SPEED (FIELD ADJUSTABLE)
- STUDY 2, TRANE \*CEB06, VERTICAL RECESSED, FRONT LOUVERED INLET, TOP DUCT COLLAR OUTLET, 3 ROW COOLING COIL, 3 GPM, 56.1F LAT, 13 MBH, 1 ROW HEATING COIL, 1 GPM, 94 LAT, HIGH STATIC MOTOR, 15V, 4.25 MCA, 15 MOP, MEDIUM FAN SPEED (FIELD ADJUSTABLE)
- STUDY 3, TRANE \*CEB08, HORIZONTAL RECESSED, FRONT AND BACK DUCT COLLARS, 3 ROW COOLING COIL, 5 GPM, 55F LAT, 18 MBH, 1 ROW HEATING COIL, 1 GPM, 93F LAT, HIGH STATIC MOTOR, 15V, 4.25 MCA, 15 MOP, MEDIUM FAN SPEED (FIELD ADJUSTABLE)
- ANCHOR 2, ANCHOR 3, TRANE \*CEB04, HORIZONTAL RECESSED, FRONT AND BACK DUCT COLLARS, 3 ROW COOLING COIL, 2.5 GPM, 55F LAT, 9.6 MBH, 1 ROW HEATING COIL, 1 GPM, 94F LAT, HIGH STATIC MOTOR, 15V, 2.63 MCA, 15 MOP, MEDIUM FAN SPEED (FIELD ADJUSTABLE)
- LAUNDRY 2, LAUNDRY 3, TRANE \*CEB06, HORIZONTAL RECESSED, FRONT AND BACK DUCT COLLARS, 3 ROW COOLING COIL, 3 GPM, 51.2F LAT, 13.3 MBH, 1 ROW HEATING COIL, 1 GPM, 93F LAT, HIGH STATIC MOTOR, 15V, 4.25 MCA, 15 MOP, MEDIUM FAN SPEED (FIELD ADJUSTABLE)
- HOUSEMOTHER, TRANE \*CEB06, HORIZONTAL CABINET, FRONT AND BACK DUCT COLLARS, 3 ROW COOLING COIL, 2.5 GPM, 51F LAT, 15 MBH, 1 ROW HEATING COIL, 1 GPM, 99F LAT, HIGH STATIC MOTOR, 15V, 4.25 MCA, 15 MOP, MEDIUM FAN SPEED (FIELD ADJUSTABLE)
- MAIL ROOM, TRANE \*CHB02, VERTICAL RECESSED FRONT INLET AND OUTLET, 3 ROW COOLING COIL, 10 GPM, 54F LAT, 3.5 MBH, 1 ROW HEATING COIL, 0.5 GPM, 107F LAT, 15V, 0.75 MCA, 15 MOP, LOW FAN SPEED (FIELD ADJUSTABLE)
- STAIR 1, TRANE \*CEB04, HORIZONTAL RECESSED, FRONT AND BACK DUCT COLLARS, 3 ROW COOLING COIL, 1.5 GPM, 56.5F LAT, 8 MBH, 1 ROW HEATING COIL, 0.5 GPM, 52F LAT, HIGH STATIC MOTOR, 15V, 2.63 MCA, 15 MOP, MEDIUM FAN SPEED (FIELD ADJUSTABLE)
- STAIR 3, TRANE \*CEB06, HORIZONTAL RECESSED, FRONT AND BACK DUCT COLLARS, 3 ROW COOLING COIL, 2.5 GPM, 56.3F LAT, 10.5 MBH, 1 ROW HEATING COIL, 0.5 GPM, 91F LAT, HIGH STATIC MOTOR, 15V, 4.25 MCA, 15 MOP, LOW FAN SPEED (FIELD ADJUSTABLE)
- ELECTRICAL, TRANE \*CEB02, HORIZONTAL RECESSED, BOTTOM INLET, FRONT DUCT COLLAR OUTLET, 3 ROW COOLING ONLY, 80/6/1 EAT, 1 GPM, 4.4 BTU, 15V, 0.75 MCA, 15 MOP, 1" FILTER, FREE DISCHARGE MOTOR, LOW FAN SPEED
- KEP, KITCHEN EXHAUST FAN, GREENHECK \*CUB-180-15, 3562 CFM AT 15" SP, WALL MOUNT, UL762 LISTED, 1/2 HP, 208V/3/60, DISCONNECT SWITCH, 150 CONES
- KSF, KITCHEN SUPPLY FAN, GREENHECK \*BDF-120-10, 2850 CFM AT 0.1" SP, BELT DRIVE, DISCONNECT SWITCH, HORIZONTAL DISCHARGE, 1 HP, 208V/3/60
- AER #1, 2, ATTIC EXHAUST FAN, GREENHECK \*S1-D-436-G, 1000 CFM AT 0.1" SP, 120V, 1/10 HP INTERNALLY PROTECTED MOTOR, MOTOR SIDE GUARD, LINE VOLTAGE COOLING THERMOSTAT, 100F SETPOINT
- FIBERGLASS DUCT, 8 PUNSTRAND FIBERGLASS FSK, INCLUDING ALL FITTINGS AND BRANCHES
- HWP, HOT WATER PUMP, TACO KVS107, 66.5 GPM AT 42' FT HEAD, 1 1/2" HP, 208V/3/60, VARIABLE SPEED DRIVE WITH BYPASS
- HEX, HEAT EXCHANGER, TACO \*H0412-4L, 9 SHELLS/SIDE, 225 EWT, 180F LUT, 52.3 GPM, TUBESIDE, 145F EWT, 180F LUT, 66.5 GPM, 10" DIAMETER, 6' LENGTH, 2" PRESSURE DROP MAXIMUM
- UL WALL LOUVER, RUBSKIN \*LP63150, SIZE AS PER PLAN, KYNAR FINISH, COLOR AS PER ARCHITECT, CHANNEL FRAME CONSTRUCTION, DRAINABLE BLADES, INSECT SCREEN
- EF #1, 2, 5, EXHAUST FAN, GREENHECK \*SPA-10, 500 CFM AT 0.25" SP, INTERNAL SPEED CONTROLLER, 120V, 10 CONES
- EF #3, 4, EXHAUST FAN, GREENHECK \*SPA-125, 1000 CFM AT 0.25" SP, 15 CONES, 120V
- EF #6, 10, EXHAUST FAN, GREENHECK \*SPA-200, 1500 CFM AT 0.25" SP, 15 CONES, 120V
- EF #7, 8, 11, 12, EXHAUST FAN, GREENHECK \*SPA-250, 2000 CFM AT 0.25" SP, 120V
- EF #9, 13, EXHAUST FAN, GREENHECK \*SPA-300, 2500 CFM AT 0.25" SP, 120V, INTERNAL SPEED CONTROLLER
- BV, BRICK VENT, GREENHECK \*BVE, SIZE AS PER PLAN, EXTRUDED CONSTRUCTION, KYNAR FINISH, COLOR AS PER ARCHITECT, LESS INSECT SCREEN, 10" STRAIGHT DUCT EXTENSION
- CDL, CEILING DIFFUSER, TITUS \*TDC, SIZE AS PER PLAN, WHITE FINISH, LAY-IN BORDER, ROUND NECK
- CDR, CEILING DIFFUSER, TITUS \*TDC, SIZE AS PER PLAN, WHITE FINISH, SURFACE MOUNT BEVELED BORDER, ROUND NECK
- CDK, CEILING DIFFUSER, TITUS \*PAG-AA, SIZE AS PER PLAN, LESS PATTERN CONTROLLERS, LAY-IN BORDER, WHITE FINISH, ROUND NECK
- FR, FLOOR REGISTER, TITUS \*CT-541, SIZE AS PER PLAN, FRAME TYPE B, LESS SCREW HOLES, ALUMINUM FINISH, OPPOSED BLADE DAMPER
- FRG, FILTER RETURN GRILLE, TITUS \*550RLF, SIZE AS PER PLAN, LAY-IN BORDER, WHITE FINISH, 1/4 TURN FASTENER, TOOLLESS OPERATION
- FRG6, FILTER RETURN GRILLE, TITUS \*550RLF, SIZE AS PER PLAN, SURFACE MOUNT, WHITE FINISH, 1/4 TURN FASTENER, TOOLLESS OPERATION
- SUR, SIDE WALL REGISTER, TITUS \*500RS, SIZE AS PER PLAN, SURFACE MOUNT, WHITE FINISH
- WRG, WALL RETURN GRILLE, TITUS \*93R, SIZE AS PER PLAN, WHITE FINISH, SURFACE MOUNT, BLADES PARALLEL TO FLOOR
- FLOW CONTROL VALVE, GRIBWOLD K VALVE, STRAINER, 2-32 PSID RANGE

**1 EQUIPMENT SCHEDULE**  
M.O.1 NO SCALE

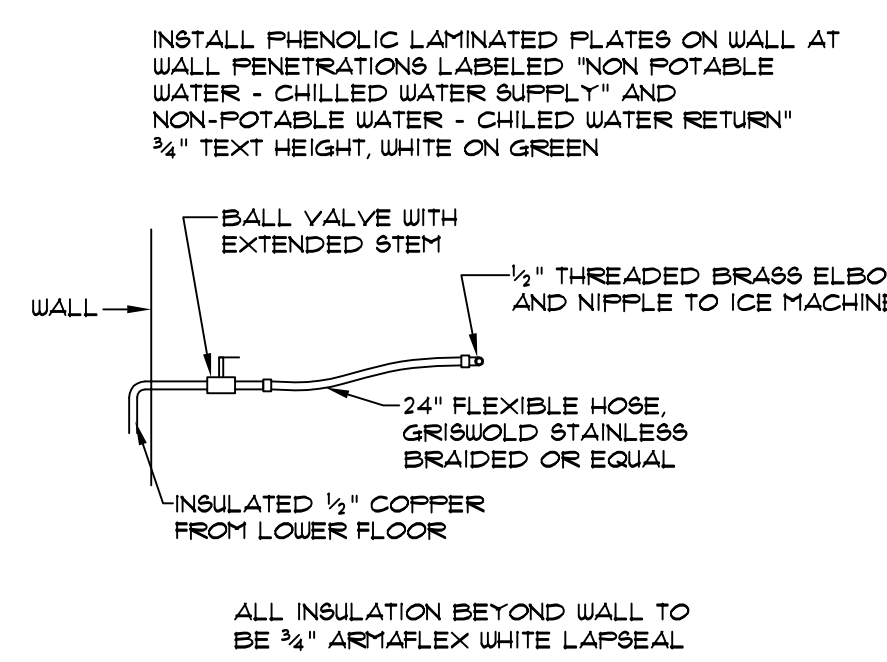
**9 CONTROL SYSTEM**  
M.O.1 NO SCALE

**2 FAN COIL UNIT DETAIL**  
M.O.1 NO SCALE

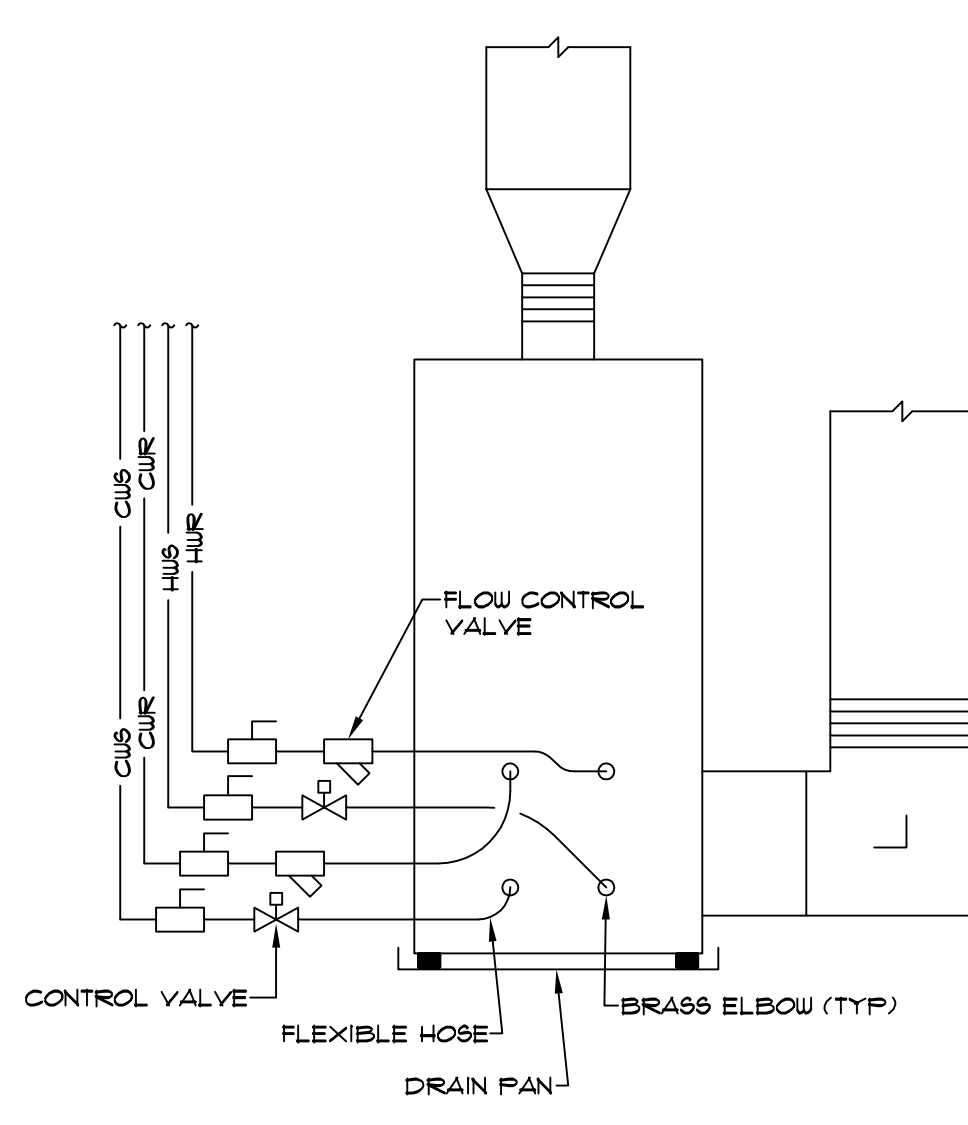
**10 UNDERGROUND DUCT DETAIL**  
M.O.1 NOT TO SCALE



**6 ICE MAKER CONNECTION DETAIL**  
M.O.1 NOT TO SCALE



**4 AHU DETAIL**  
M.O.1 NOT TO SCALE

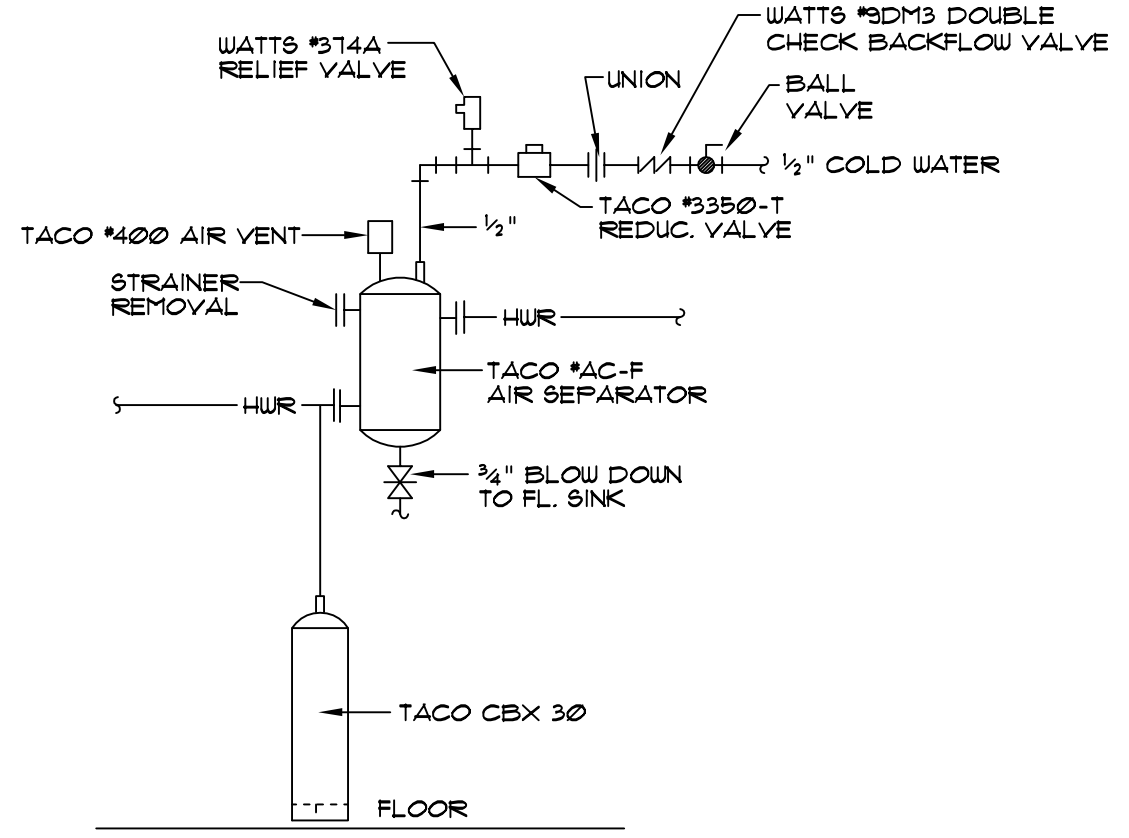


Space	Class	Area	CFM / Person	CFM / Ft <sup>2</sup>	Density	# of People	QA Total	System
100 Dining Room	Dining rooms	2350	7.5	0.18	0.07	164	1653	Dining
101 Informal Living	Living room	530	5	0.06	0.01	5	57	Living
102 Informal Living	Living room	990	5	0.06	0.01	9	104	Living
103 Formal Living	Living room	720	5	0.06	0.01	7	78	Living
104 Entry Hall	Corridors	1250	5	0.06	0.01	0	75	Foyer 1
107 Gallery	Corridors	375	5	0.06	0.01	0	23	Foyer 1
108 Office	Office Spaces	120	5	0.06	0.005	1	12	House
109 Director Suite	Bedroom / Living room	300	5	0.06	0.01	3	33	House
110 Bedroom	Bedroom	160	5	0.06	0.01	1	15	House
112 Corridor	Corridors	165	5	0.06	0.01	0	12	FCU 1.1
113 Mail	Office Spaces	185	5	0.06	0.005	1	16	Mail
114 Open Kitchen	Corridors	385	5	0.06	0.01	0	23	Dining
117 Dry Storage	Storage	110	5	0.12	0.01	0	13	Kitchen
203 Bed	Bedroom	185	5	0.06	0.01	1	16	FCU 2.1
203 Bed	Bedroom	180	5	0.06	0.01	1	16	FCU 2.2
204 Bed	Bedroom	340	5	0.06	0.01	2	30	FCU 2.3
205 Bed	Bedroom	350	5	0.06	0.01	2	31	FCU 2.4
206 Bed	Bedroom	285	5	0.06	0.01	2	26	FCU 2.5
207 Study Room	Meeting	415	5	0.06	0.05	20	125	Study 2
208 Anchor Room	Living room	525	5	0.06	0.01	5	57	Anchor 2
209 Bed	Bedroom	285	5	0.06	0.01	2	26	FCU 2.6
210 Corridor	Corridors	520	5	0.06	0.01	0	31	Anchor 2
211 Bed	Bedroom	290	5	0.06	0.01	2	27	FCU 2.7
212 Bed	Bedroom	290	5	0.06	0.01	2	27	FCU 2.8
213 Guest	Bedroom	285	5	0.06	0.01	2	27	FCU 2.9
217 Bed	Bedroom	420	5	0.06	0.01	3	40	FCU 2.20
218 Bed	Bedroom	315	5	0.06	0.01	2	29	FCU 2.19
219 Bed	Bedroom	170	5	0.06	0.01	1	15	FCU 2.10
221 Bed	Bedroom	195	5	0.06	0.01	1	17	FCU 2.11
222 Laundry	Storage	245	5	0.12	0.01	0	29	Laundry 2
223 Corridor	Corridors	840	5	0.06	0.01	0	50	Laundry 2
228 Bed	Bedroom	270	5	0.06	0.01	2	26	FCU 2.12
227 Bed	Bedroom	270	5	0.06	0.01	2	26	FCU 2.13
228 Bed	Bedroom	270	5	0.06	0.01	2	26	FCU 2.14
229 Bed	Bedroom	270	5	0.06	0.01	2	26	FCU 2.15
230 Bed	Bedroom	270	5	0.06	0.01	2	26	FCU 2.16
303 Bed	Bedroom	185	5	0.06	0.01	1	16	FCU 3.1
303 Bed	Bedroom	180	5	0.06	0.01	1	16	FCU 3.2
304 Bed	Bedroom	340	5	0.06	0.01	2	30	FCU 3.3
305 Bed	Bedroom	350	5	0.06	0.01	2	31	FCU 3.4
306 Study Room	Meeting	685	5	0.06	0.05	33	205	Study 3
307 Anchor Room	Living room	525	5	0.06	0.01	5	57	Anchor 3
308 Bed	Bedroom	285	5	0.06	0.01	2	26	FCU 3.5
309 Corridor	Corridors	195	5	0.06	0.01	0	12	Anchor 3
310 Bed	Bedroom	275	5	0.06	0.01	2	27	FCU 3.6
311 Bed	Bedroom	275	5	0.06	0.01	2	27	FCU 3.7
312 Bed	Bedroom	285	5	0.06	0.01	2	27	FCU 3.8
318 Bed	Bedroom	420	5	0.06	0.01	3	40	FCU 3.19
317 Bed	Bedroom	315	5	0.06	0.01	2	29	FCU 3.18
318 Bed	Bedroom	200	5	0.06	0.01	1	17	FCU 3.3
320 Bed	Bedroom	200	5	0.06	0.01	1	17	FCU 3.10
321 Laundry	Storage	285	5	0.12	0.01	0	34	Laundry 3
322 Corridor	Corridors	845	5	0.06	0.01	0	51	Laundry 3
324 Corridor	Corridors	325	5	0.06	0.01	0	20	Anchor 3
325 Bed	Bedroom	270	5	0.06	0.01	2	26	FCU 3.11
326 Bed	Bedroom	270	5	0.06	0.01	2	26	FCU 3.12
327 Bed	Bedroom	270	5	0.06	0.01	2	26	FCU 3.13
328 Bed	Bedroom	270	5	0.06	0.01	2	26	FCU 3.14
329 Bed	Bedroom	270	5	0.06	0.01	2	26	FCU 3.15

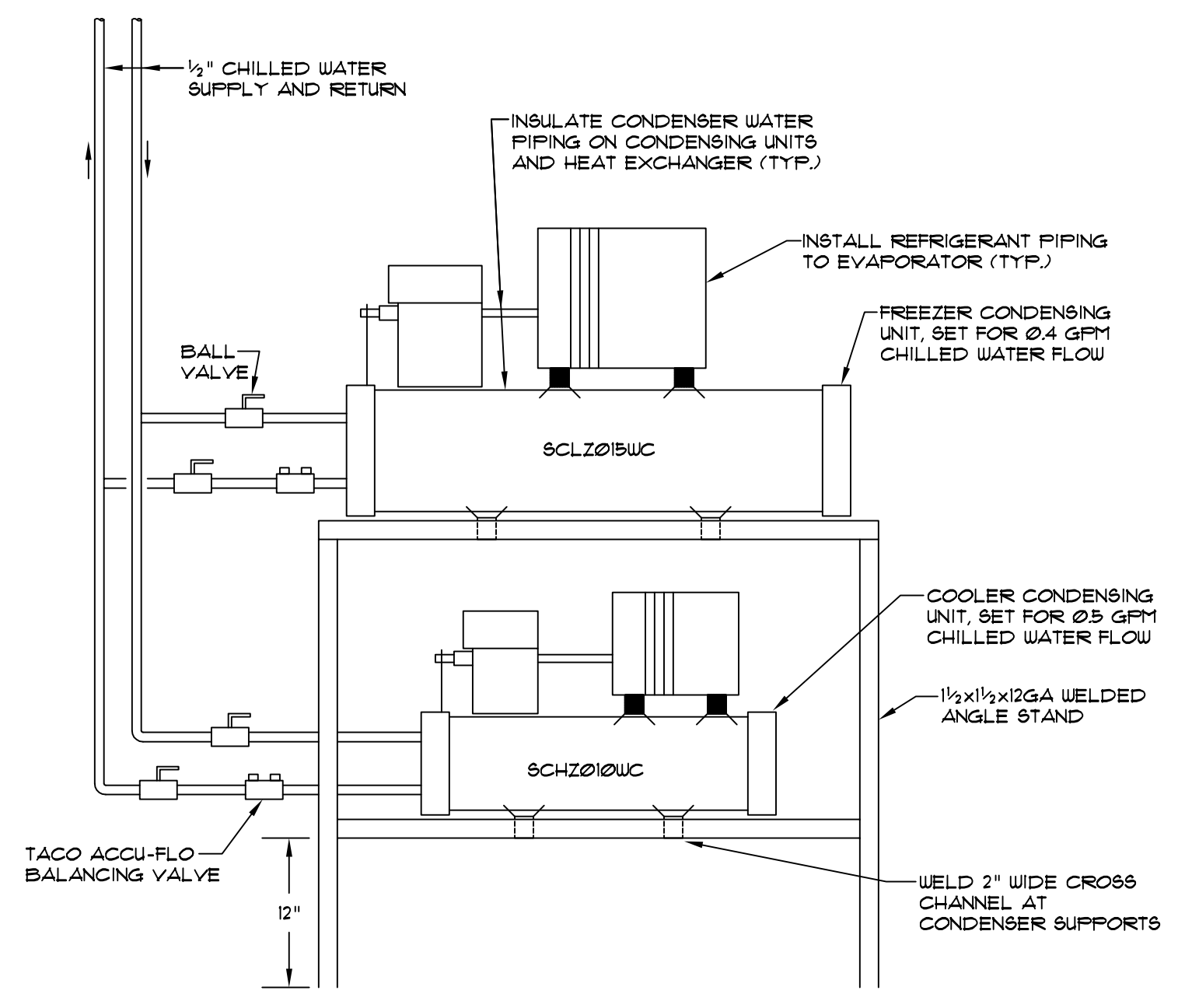
**7 OUTDOOR AIR SCHEDULE**  
M.O.1 NO SCALE

Space	Area	Notes
DINING	1676	SOME NATURAL VENTILATION UTILIZED TO SUPPLEMENT MECHANICAL OUTDOOR AIR
LIVING	239	
FOYER	98	
HOUSEMOTHER	80	
ANCHOR 2	88	
ANCHOR 3	88	
LAUNDRY 2	80	
LAUNDRY 3	85	

**5 AIR SEPARATOR DETAIL**  
M.O.1 NOT TO SCALE



**3 COOLER AND FREEZER CONDENSER DETAIL**  
M.O.1 NOT TO SCALE



STATE OF ALABAMA  
REGISTERED PROFESSIONAL ENGINEER  
FRANK R. SMITH  
#1122

R H Smith  
4 associates p.c.  
Consulting Engineers

2108 Eighth Street  
Tuscaloosa, Alabama 35401

Phone/Fax 205 345 4402

E-mail info@rhsmthpc.com

Ellis Architects  
601 Main Street, Suite 300  
Tuscaloosa, Alabama 35404  
205.732.4402  
www.ellisarchitects.com

New Sorority House For  
BETA PSI CHAPTER OF  
DELTA GAMMA  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama

STATE OF ALABAMA  
REGISTERED ARCHITECT  
MICHAEL A. ELLIS  
3692

Copyright © 2011  
Ellis Architects, Inc.


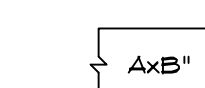
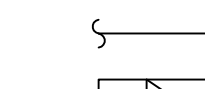
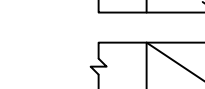
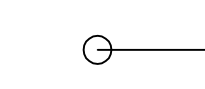
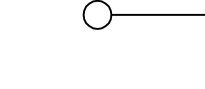
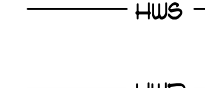
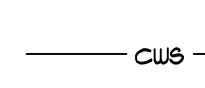
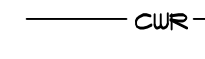


Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

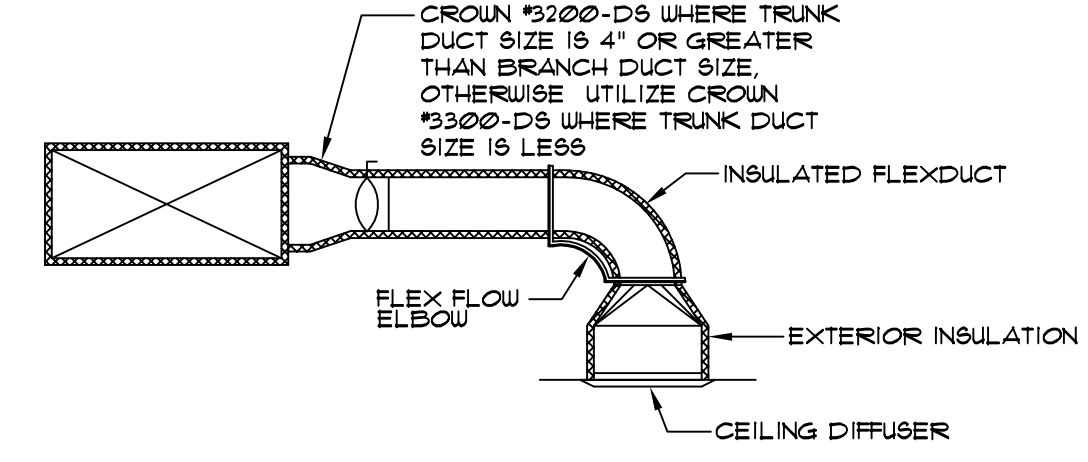
JOB No.	11006
DATE:	7-12-11
REV DATE:	
DRAWN BY:	Lee

HVAC Schedule & Details  
SHEET NUMBER M.O.1

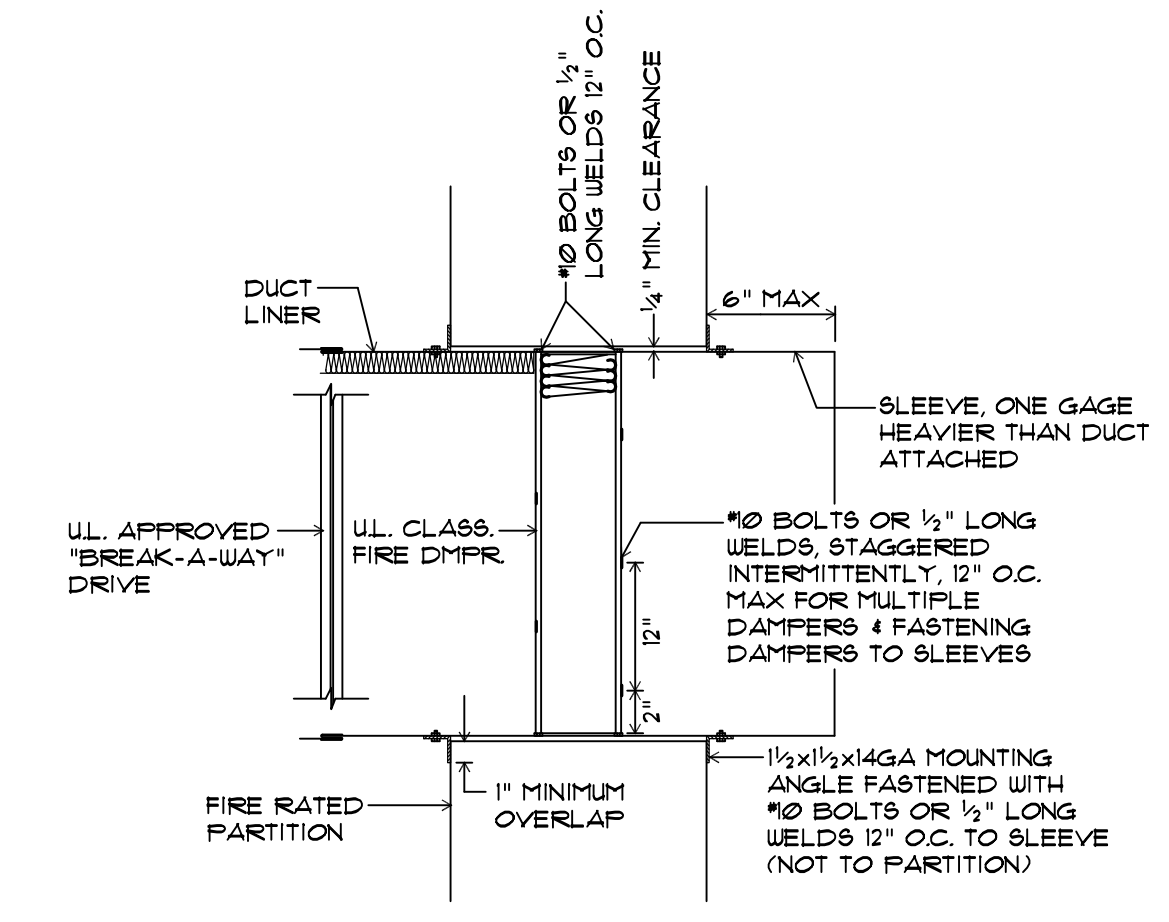


-  ELBOW WITH DOUBLE WALL TURNING VANES AS PER SPECIFICATIONS
-  RECTANGULAR DUCT, FIRST DIMENSION AS VIEWED, EXTERNAL DIMENSIONS INDICATED
-  ROUND DUCT
-  RECTANGULAR DUCT TURNED DOWN
-  RECTANGULAR DUCT TURNED UP
-  ROUND DUCT TURNED DOWN
-  ROUND DUCT TURNED UP
-  HWS HOT WATER SUPPLY PIPING
-  HWR HOT WATER RETURN PIPING
-  CWS CHILLED WATER SUPPLY PIPING
-  CWR CHILLED WATER RETURN PIPING

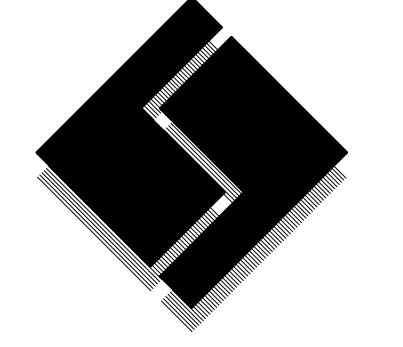
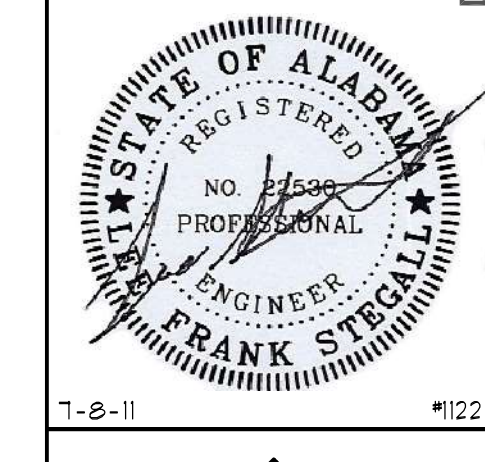
3 LEGEND  
M1.1 NO SCALE



4 BRANCH DUCT DETAIL  
M1.1 NOT TO SCALE



5 FIRE DAMPER DETAIL  
M1.1 NOT TO SCALE

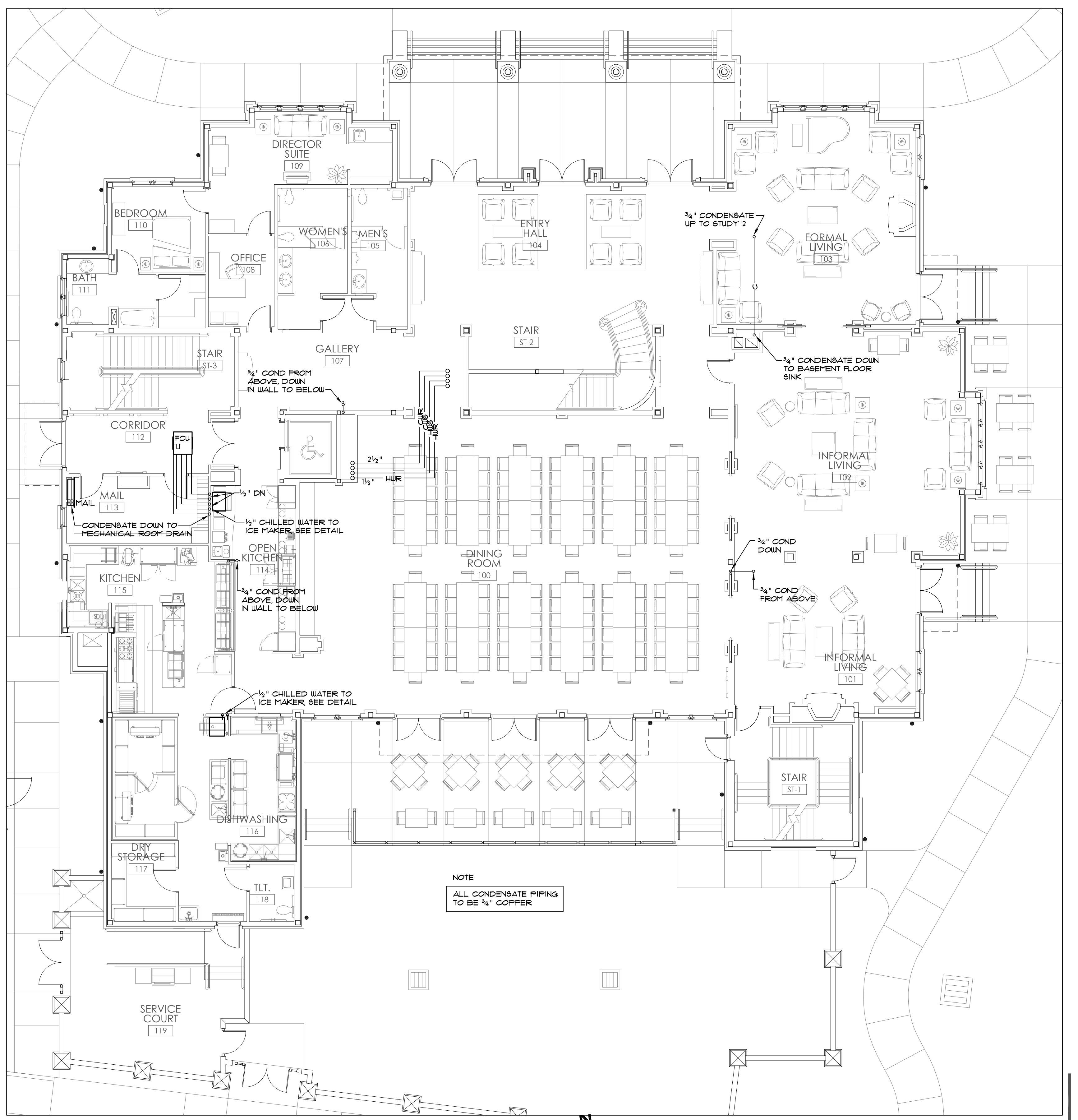
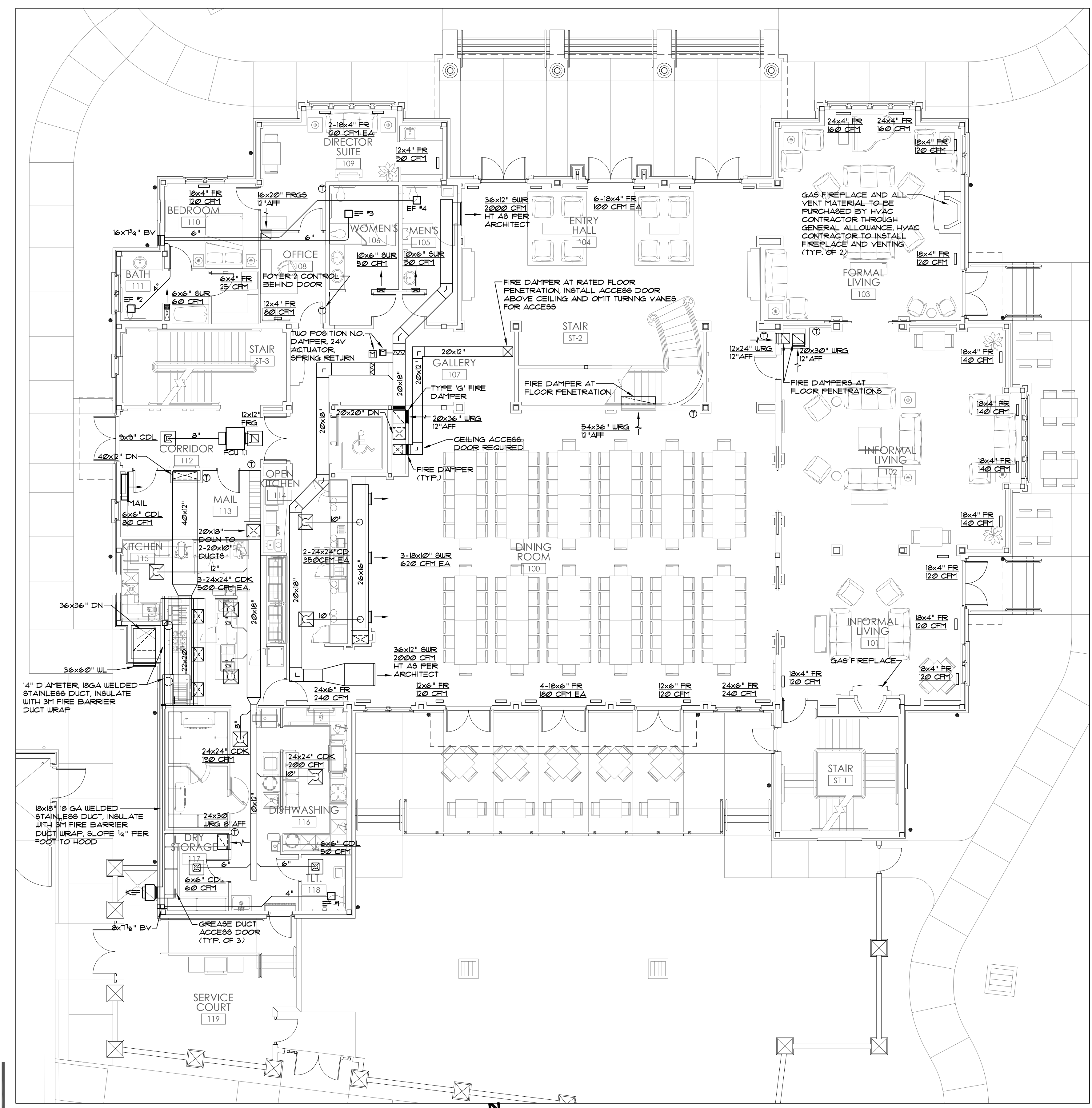
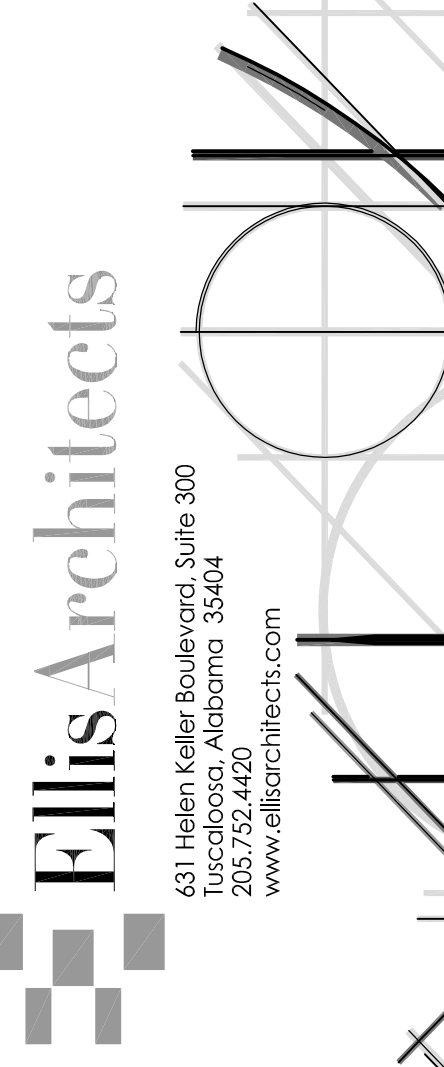


**R H Smith**  
4 associates p.c.  
Consulting Engineers

210 Eighth Street  
Tuscaloosa, Alabama 35401

Phone/Fax 205 345 4402

E-mail: info@rhsmithpc.com



New Sorority House For  
**BETA PSI CHAPTER OF DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



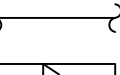


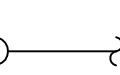
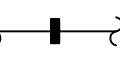
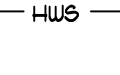
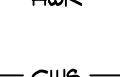





Copyright © 2011  
Ellis Architects, Inc.

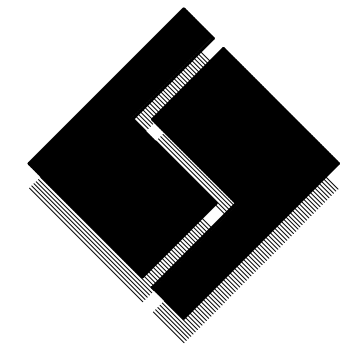
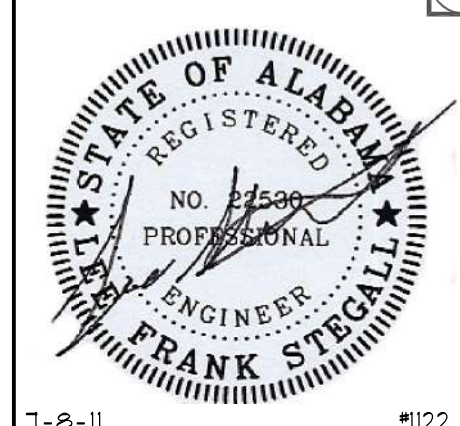
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	7-12-11
REV DATE:	
DRAWN BY:	Lee
<b>First Floor HVAC Plan</b>	
SHEET NUMBER	M1.1

-  ELBOW WITH DOUBLE WALL TURNING VANES AS PER SPECIFICATIONS
-  RECTANGULAR DUCT, FIRST DIMENSION AS VIEWED, EXTERNAL DIMENSIONS INDICATED
-  ROUND DUCT
-  RECTANGULAR DUCT TURNED DOWN
-  RECTANGULAR DUCT TURNED UP
-  ROUND DUCT TURNED DOWN
-  ROUND DUCT TURNED UP
-  ROUND DUCT WITH FIRE DAMPER
-  HOT WATER SUPPLY PIPING
-  HOT WATER RETURN PIPING
-  CHILLED WATER SUPPLY PIPING
-  CHILLED WATER RETURN PIPING

3 LEGEND  
M1.2 NO SCALE



**R H Smith**  
 & associates p.c.  
 Consulting Engineers  
 ♦  
 210 Eighth Street  
 Tuscaloosa, Alabama 35401  
 ♦  
 Phone/Fax 205 345 4402  
 ♦  
 E-mail info@rhsmithpc.com

**Ellis Architects**  
 611 North White Building, Suite 300  
 Tuscaloosa, Alabama 35404  
 www.ellisarchitects.com

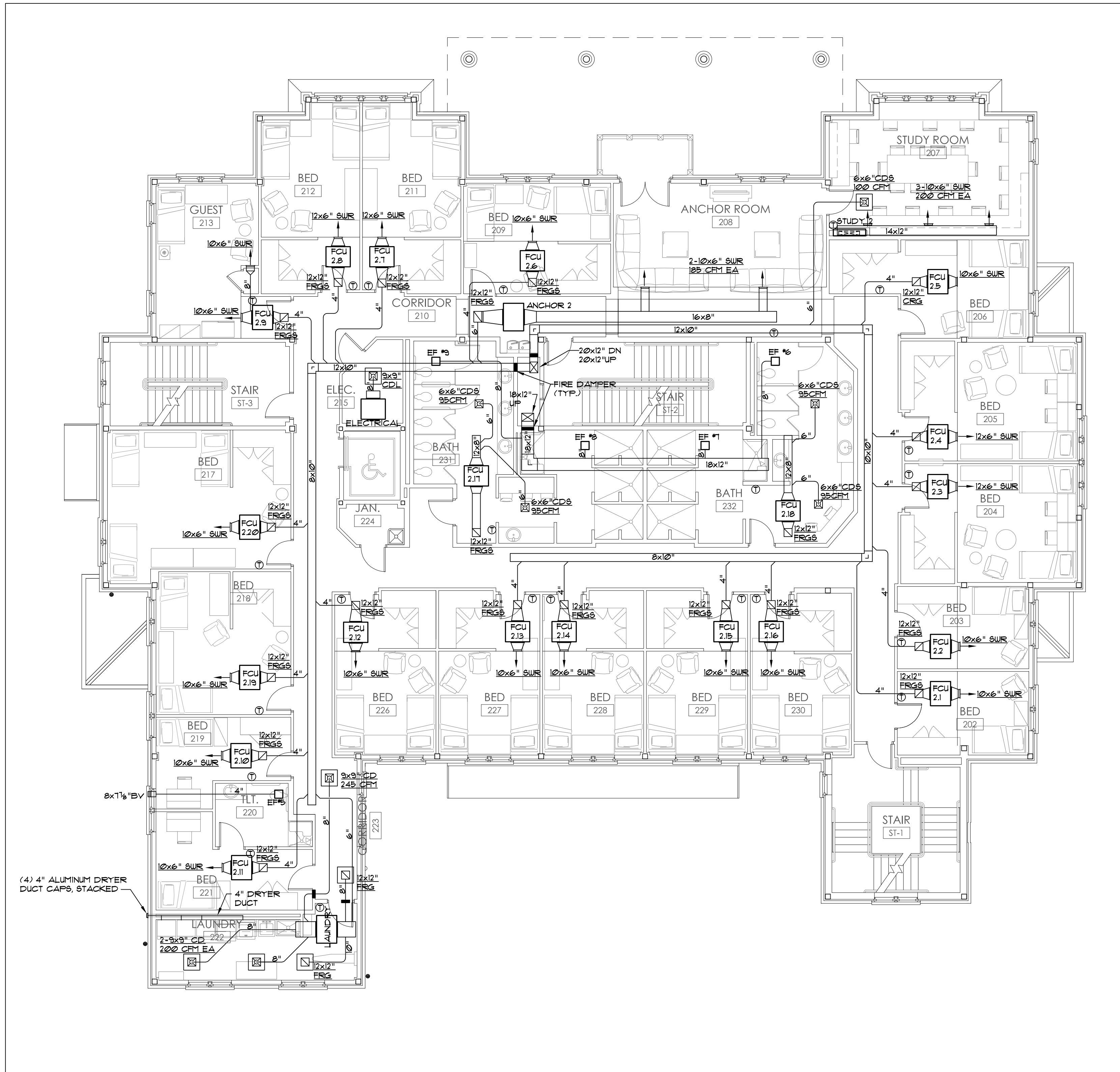
New Sorority House For  
**BETA PSI CHAPTER OF  
 DELTA GAMMA**  
 THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
 Tuscaloosa, Alabama



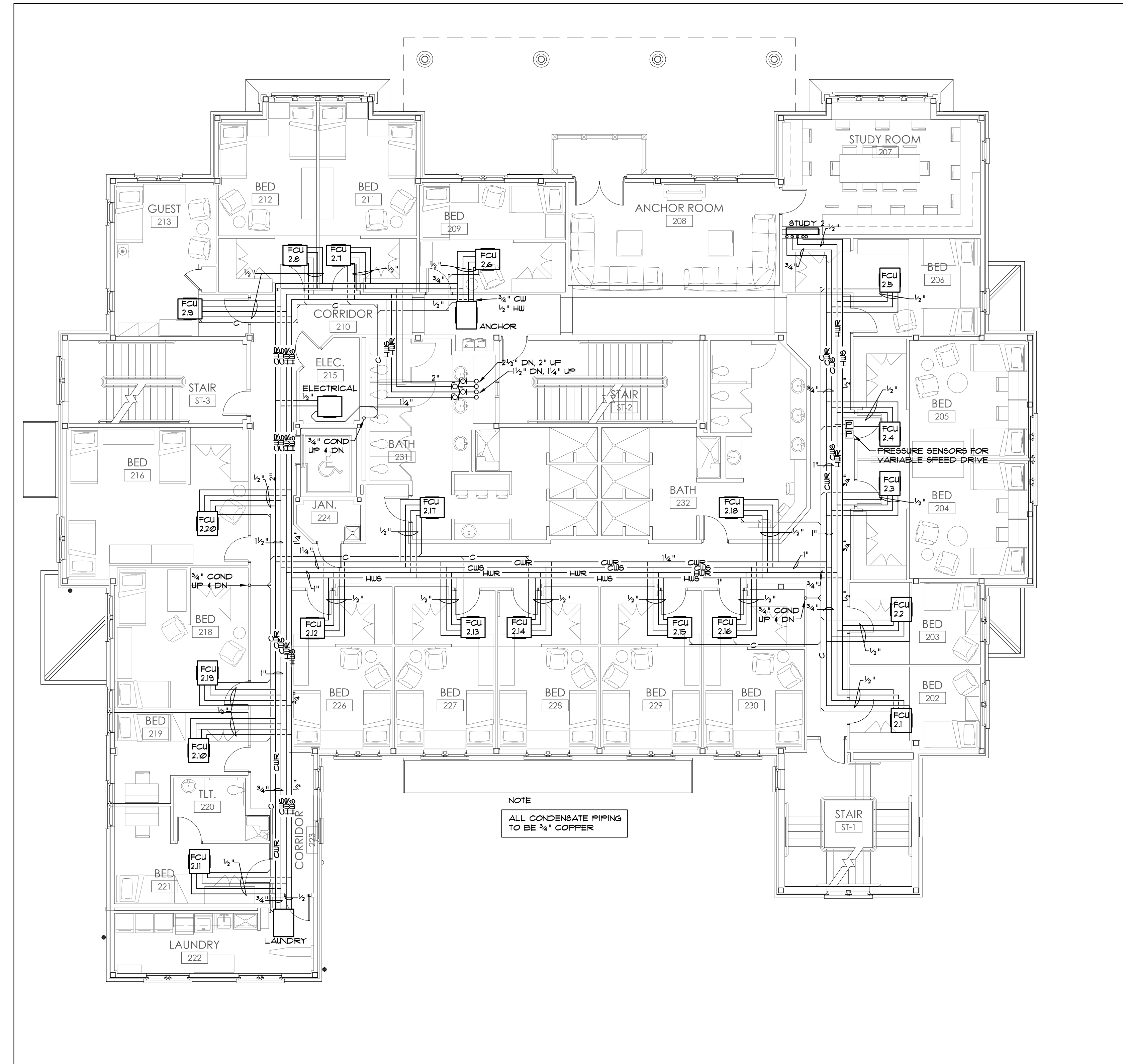
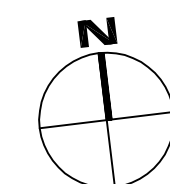
Copyright © 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all  
 intellectual rights and ownership of all  
 information contained on these  
 documents. Ellis Architects, Inc. and  
 its consultants shall be deemed the  
 authors and owners of their  
 respective Instruments of Service and  
 shall retain all common law, statutory  
 and other reserved rights, including  
 copyrights. This document shall not  
 be reproduced without the written  
 authorization of Ellis Architects.

Do Not Scale From Drawings.  
 Contractor must verify all dimensions  
 prior to construction.

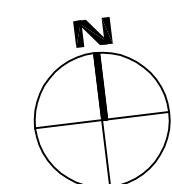
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Lee
<b>Second Floor HVAC Plan</b>	
SHEET NUMBER	M1.2



1 SECOND FLOOR HVAC PLAN  
M1.2 1/8" = 1'-0"

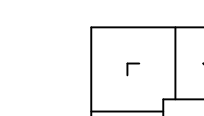
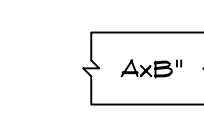

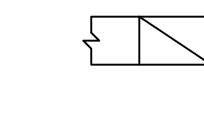
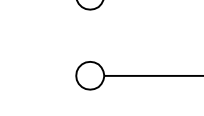
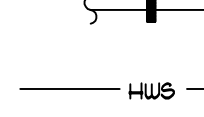
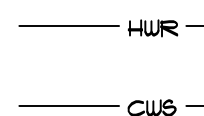
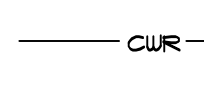






2 SECOND FLOOR HYDRONIC PIPING PLAN  
M1.2 1/8" = 1'-0"

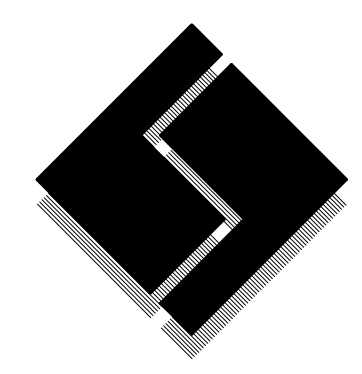
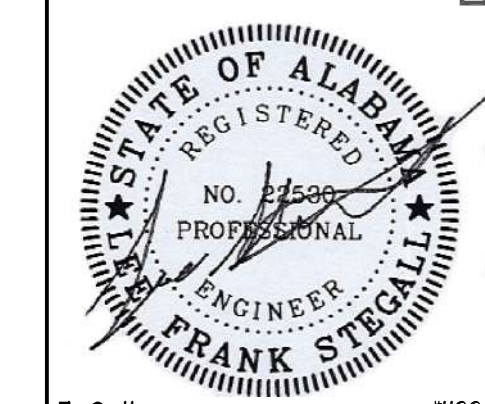


NOTE  
 ALL CONDENSATE PIPING  
 TO BE 1/4" COPPER



-  ELBOW WITH DOUBLE WALL TURNING VANES AS PER SPECIFICATIONS
-  RECTANGULAR DUCT, FIRST DIMENSION AS VIEWED, EXTERNAL DIMENSIONS INDICATED
-  ROUND DUCT
-  RECTANGULAR DUCT TURNED DOWN
-  RECTANGULAR DUCT TURNED UP
-  ROUND DUCT TURNED DOWN
-  ROUND DUCT TURNED UP
-  ROUND DUCT WITH FIRE DAMPER
-  HWS HOT WATER SUPPLY PIPING
-  HWR HOT WATER RETURN PIPING
-  CWS CHILLED WATER SUPPLY PIPING
-  CWR CHILLED WATER RETURN PIPING

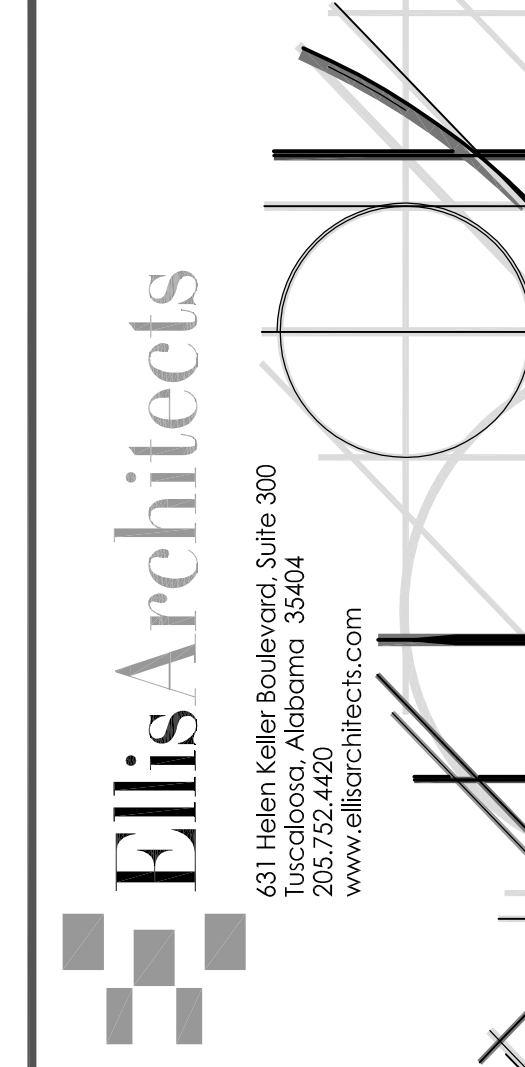
3 LEGEND  
M1.3 NO SCALE



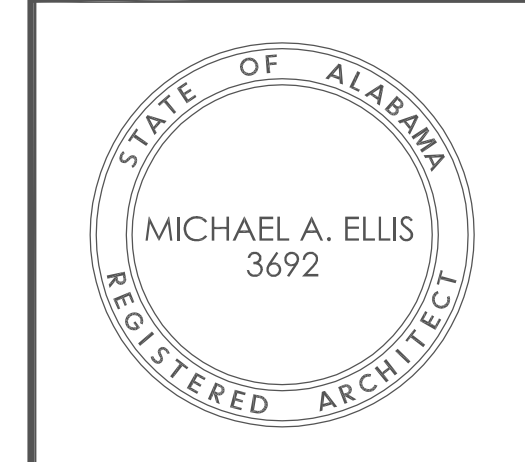
**R H Smith**  
4 associates p.c.  
Consulting Engineers

210 Eighth Street  
Tuscaloosa, Alabama 35401

Phone/Fax 205 345 4402  
E-mail info@rhsmithpc.com



New Sorority House For  
**BETA PSI CHAPTER OF DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama

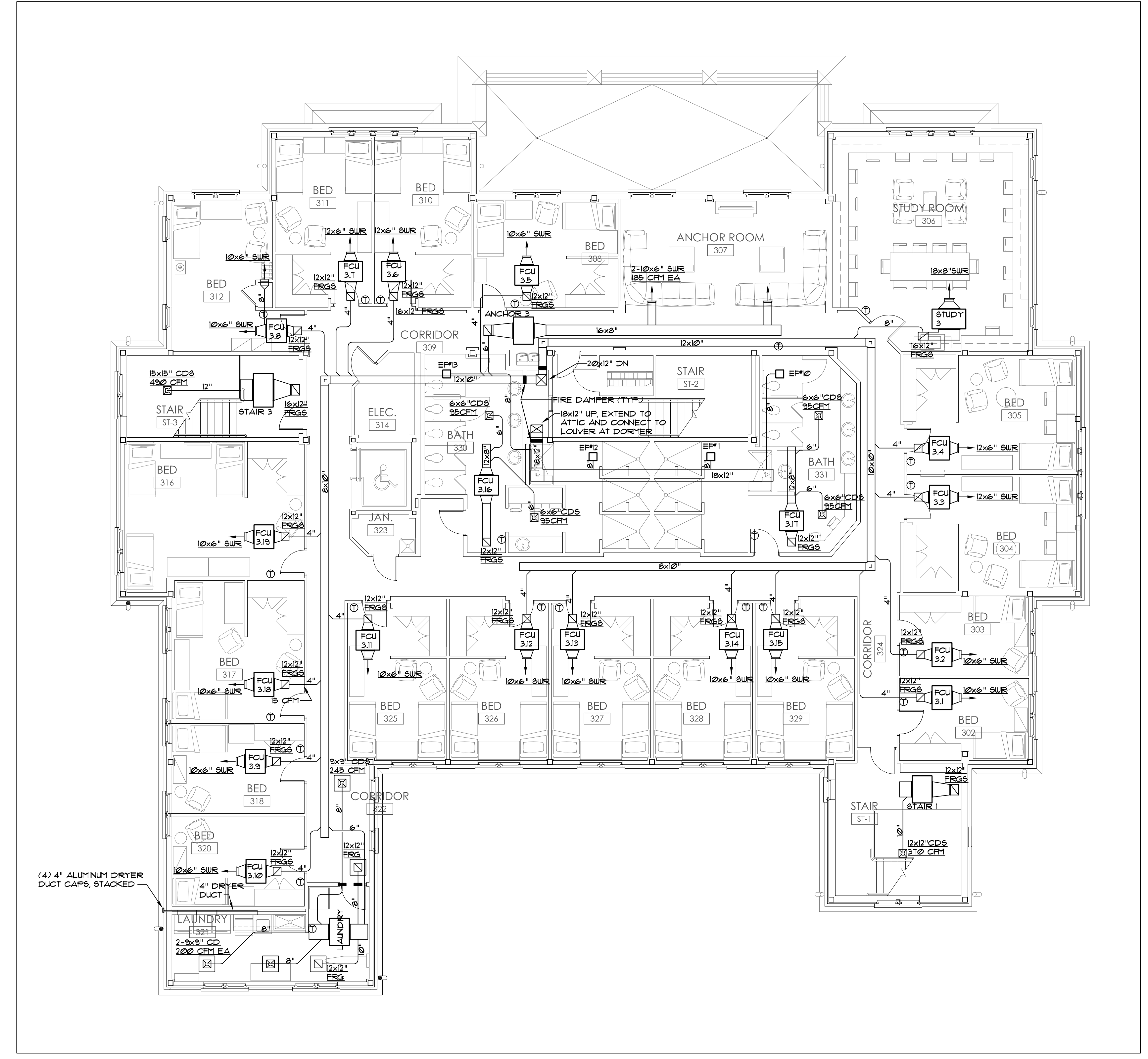


Copyright © 2011  
Ellis Architects, Inc.

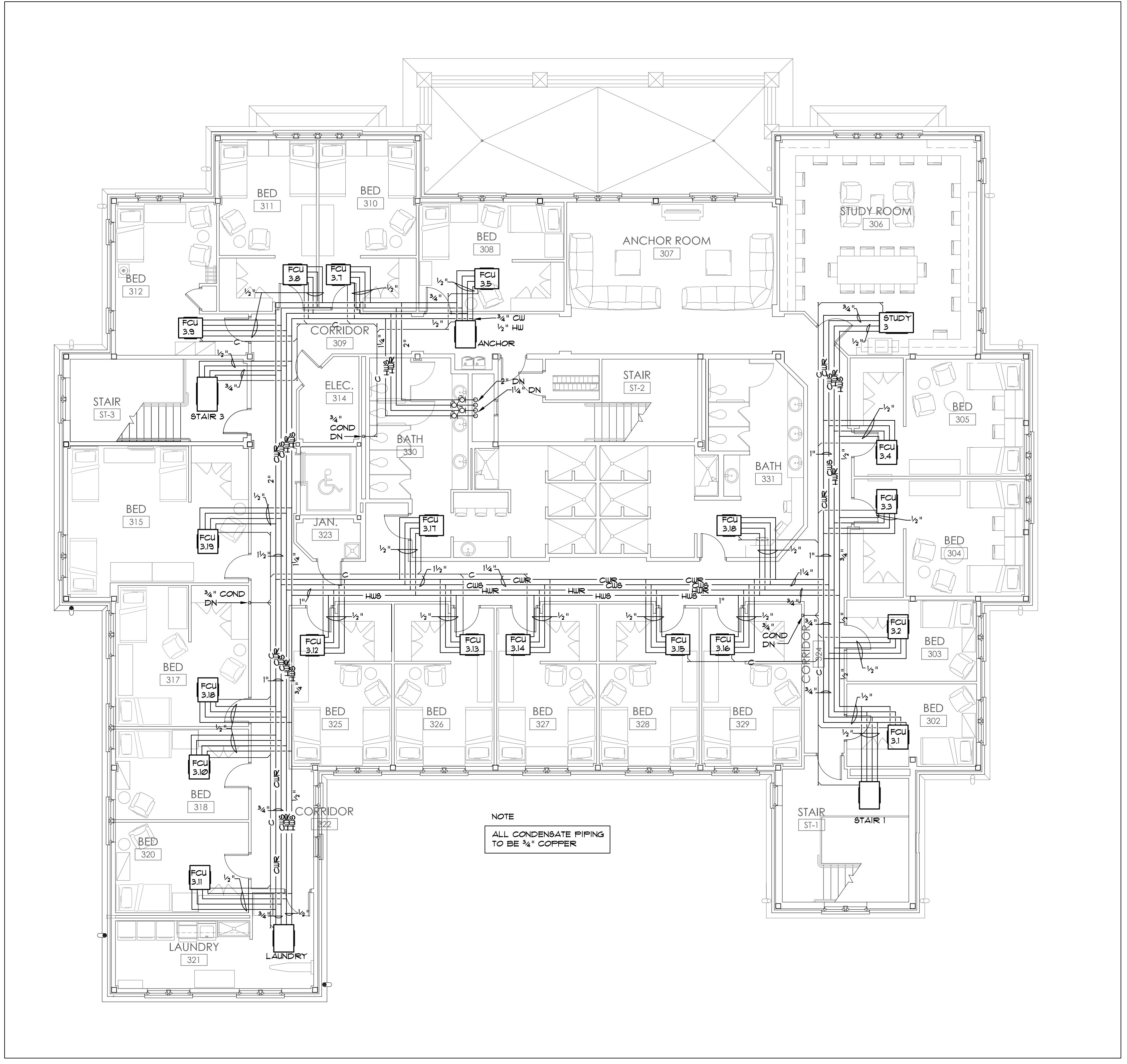
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.


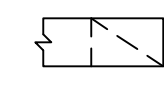
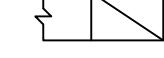
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Lee
<b>Third floor HVAC Plan</b>	
SHEET NUMBER	M1.3



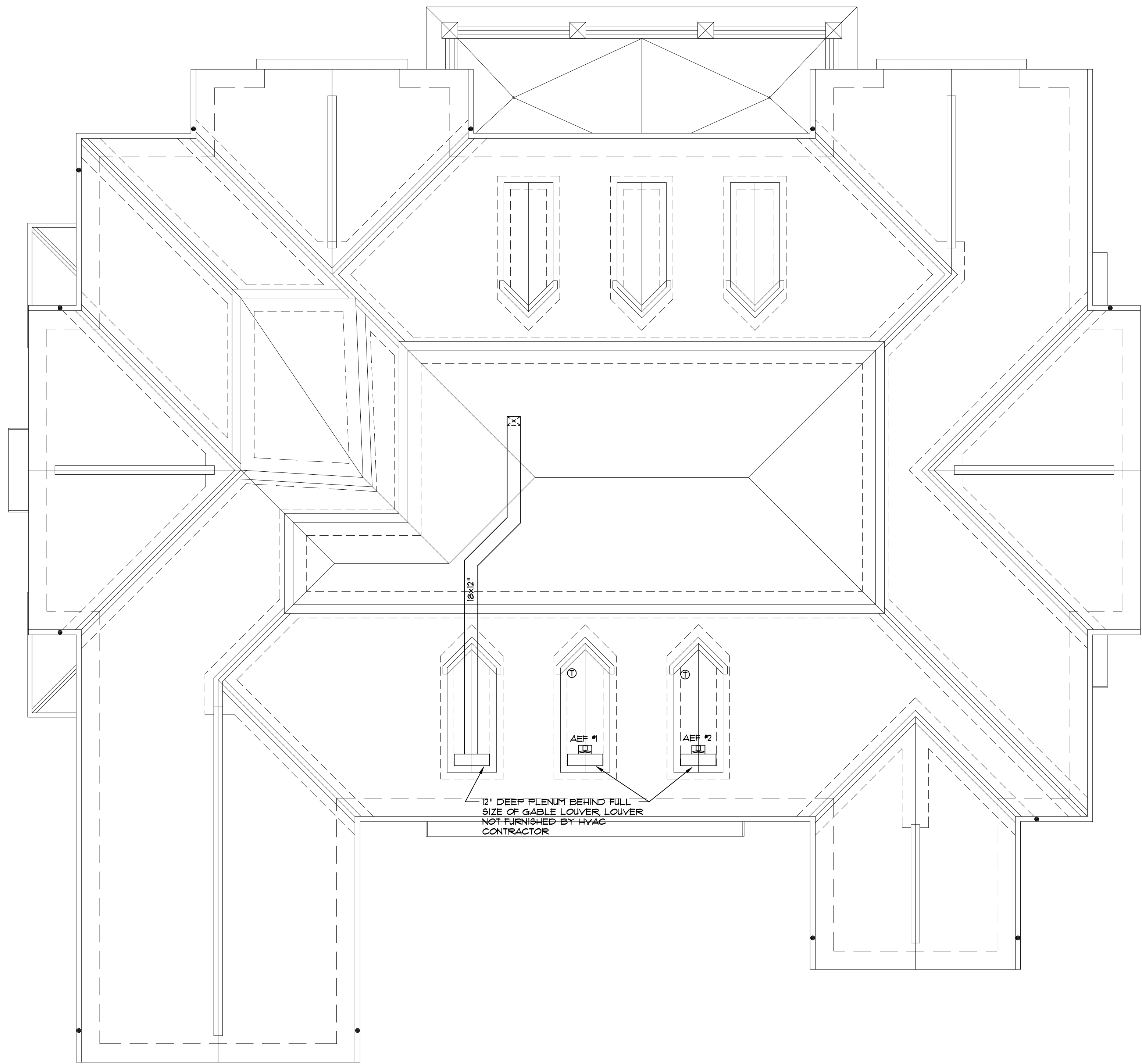
1 THIRD FLOOR HVAC PLAN  
M1.3 1/8" = 1'-0"



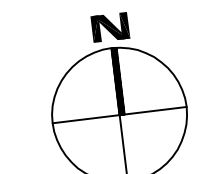
2 THIRD FLOOR HYDRONIC PIPING PLAN  
M1.3 1/8" = 1'-0"

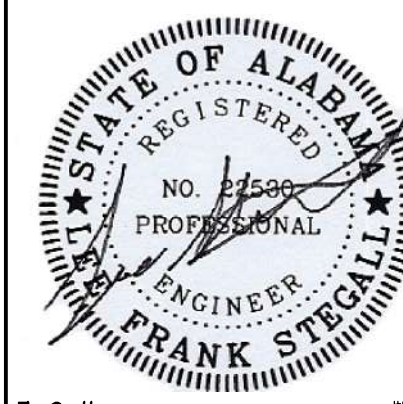
-  RECTANGULAR DUCT, FIRST DIMENSION AS VIEWED, EXTERNAL DIMENSIONS INDICATED
-  RECTANGULAR DUCT TURNED DOWN
-  RECTANGULAR DUCT TURNED UP

2 LEGEND  
M1.4 NO SCALE

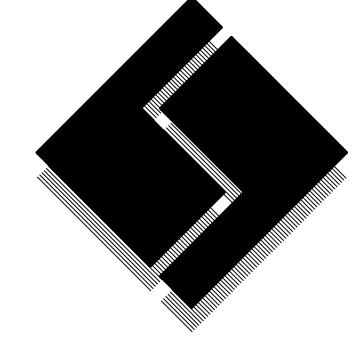


1 ATTIC HVAC PLAN  
M1.4 1/8" = 1'-0"





7-8-11 4122



**R I Smith**  
4 associates p.c.  
Consulting Engineers

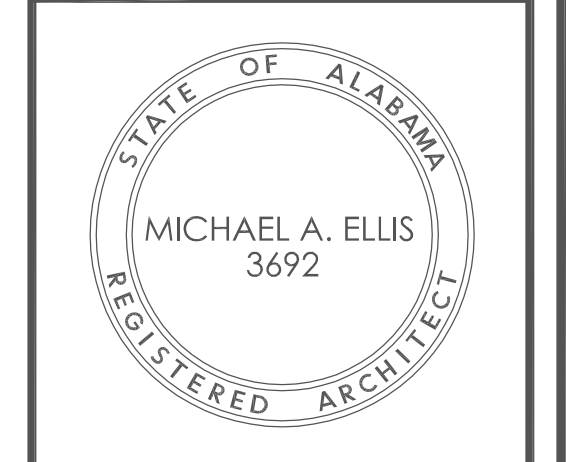
210 Eighth Street  
Tuscaloosa, Alabama 35401

Phone/Fax 205 345 4402  
E-mail info@rhsmithpc.com

**Ellis Architects**

631 North Noble Boulevard, Suite 300  
Tuscaloosa, Alabama 35404  
205.752.4402  
www.ellisarchitects.com

New Sorority House For  
**BETA PSI CHAPTER OF  
DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



Copyright © 2011  
Ellis Architects, Inc.

Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.

Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	Lee
<b>Attic HVAC Plan</b>	
SHEET NUMBER	M1.4

ABBREVIATIONS: W/P-WEATHERPROOF, C.B.B.-COMMUNICATIONS BACK BOARD, AFF-ABOVE FINISHED FLOOR, NEC-NATIONAL ELECTRICAL CODE

- ⊙ CEILING OUTLET, FIXTURE TYPE "A", CIRCUIT # (TYPICAL)
- CEILING OUTLET, RECESSED IN CEILING
- WALL OUTLET, BRACKET FIXTURE
- MODULAR FLUORESCENT FIXTURE, RECESSED MOUNTED IN CEILING
- CEILING OUTLET, FLUORESCENT FIXTURE, SURFACE OR STEM MOUNTED
- FLUSH GRADE MOUNTED LUMINAIRE
- ⊙ WALL OUTLET, 20A DUPLEX RECEPTACLE, CENTERLINE 18" AFF
- ⊙ WALL OUTLET, 20A GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE, CENTERLINE 18" AFF
- ⊙ WALL OUTLET, 2 GANG, 18" AFF, TWO 20A DUPLEX RECEPTACLES (QUAD)
- ⊙ SPECIAL HEIGHT WALL OUTLET, SEE SPECIFICATIONS AND ARCHITECTURAL DETAILS OR AS NOTED ON PLAN
- ⊙ WALL OUTLET, RECESSED RECEPTACLE, LEVITON 689, 54" AFF
- ⊙ WALL OUTLET, RECEPTACLE, NEMA CONFIGURATION AS NOTED, 18" AFF
- ⊙ WALL OUTLET, 20/240V COMBINATION RECEPTACLE FOR COPIER, CENTERLINE 18" AFF, F16 5890
- ⊙ WALL OUTLET, 20/240V DRYER RECEPTACLE, NEMA 14-30 CENTERLINE 36" AFF
- ⊙ WALL OUTLET, 200V KITCHEN RECEPTACLE, NEMA CONFIGURATION AS PER KITCHEN EQUIPMENT SCHEDULE, HEIGHT AS REQUIRED
- ◁ WALL COMMUNICATIONS OUTLET, 18" AFF, 3/4" CONDUIT STUBBED OUT AS NOTED ON AUXILIARY PLANS, "D" SUFFIX INDICATES FUTURE CAT 6 JACK WITH CAT 6 CABLE TO "CBB", "C" SUFFIX INDICATES FUTURE F RJ45 JACK AND CABLE TO "CBB", CABLING BY OTHERS, INSTALL BLANK PLATE, COLOR SAME AS ADJACENT RECEPTACLE.
- ◁ WALL COMMUNICATIONS OUTLET, HEIGHT SAME AS ADJACENT RECEPTACLE OR AS NOTED, CONDUIT, CABLING, JACKS SAME AS ABOVE
- ◁ WALL COMMUNICATIONS OUTLET, 46" AFF, CONDUIT, CABLING, JACKS SAME AS ABOVE
- ⊙ FLUSH CEILING COMMUNICATIONS OUTLET, FUTURE WIRE ACCESS POINT, CONDUIT, CABLING, JACKS SAME AS ABOVE
- ⊙ WALL OUTLET, SWITCH, SINGLE POLE, 46" AFF OR SPECIAL HEIGHT AS NOTED
- ⊙ WALL OUTLET, 2 POLE SWITCH, 46" AFF OR SPECIAL HEIGHT AS NOTED
- ⊙ WALL OUTLET, SWITCH, 3-WAY, 46" AFF OR SPECIAL HEIGHT AS NOTED
- ⊙ WALL OUTLET, VACANCY SENSOR WATTSTOPPER #W-100, 46" AFF
- ⊙ WALL OUTLET, DUAL TECHNOLOGY VACANCY SENSOR WATTSTOPPER #DU-100, 46" AFF
- ⊙ WALL OUTLET, MULTI-LOCATION VACANCY SENSOR WATTSTOPPER #M-100, 46" AFF
- ⊙ WALL OUTLET, DUAL RELAY VACANCY SENSOR WATTSTOPPER #R-200, 46" AFF
- ⊙ WALL OUTLET, ONE BUTTON DIGITAL WALL SWITCH, 46" AFF, 3/4" CONDUIT STUBBED ABV, ACCESSIBLE CEILING, WATTSTOPPER #M-W-100 SERIES, SUBSCRIPT DENOTES NO. OF BUTTONS. SEE LIGHTING CONTROL WIRING DIAGRAM.

- ⊙ CEILING OUTLET, FLUSH MOUNT DIGITAL OCCUPANCY SENSOR, SUBSCRIPT INDICATES WATTSTOPPER NO. AS FOLLOWS: NO SUBSCRIPT, #MPC-100-1 HIGH DENSITY, L, #MPC-100 LONG RANGE, S, #MPC-100-2 ULTRA SONIC, 2, #MDC-100 DUAL TECHNOLOGY
- ⊙ CEILING OUTLET, PEDESTAL MOUNT DIGITAL OCCUPANCY SENSOR, SUBSCRIPT INDICATES WATTSTOPPER NO. AS FOLLOWS: NO SUBSCRIPT, #MPC-100 HIGH DENSITY, L, #MPC-100-1 LONG RANGE, AI, #MPC-100 ONE WAY AUBLE, A2, #MPC-100-3 TWO WAY AUBLE, 2, #MDC-100 DUAL TECHNOLOGY
- ⊙ DIGITAL ROOM CONTROLLER, MTD TO J-BOX ABV, ACCESSIBLE CEILING, WATTSTOPPER NO. AS FOLLOWS: NO SUBSCRIPT, #MRC-101 SINGLE RELAY, 2, #MRC-102 DUAL RELAY. SEE LIGHTING CONTROL WIRING DIAGRAM.
- ⊙ WALL OUTLET, OCCUPANCY SENSOR, WATT STOPPER #S-200, 46" AFF
- ⊙ WALL OUTLET, MULTI-LOCATION OCCUPANCY SENSOR, WATT STOPPER #M-100, 46" AFF
- ⊙ WALL OUTLET, MOTORIZED SCREEN CONTROLLER, FURNISHED BY EQUIPMENT SUPPLIER, INSTALLED BY ELECTRICAL CONTRACTOR, 46" AFF
- ⊙ HOME RUN #1, #2, #3, #4, #5, #6, #7, #8, #9, #10, #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #26, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40, #41, #42, #43, #44, #45, #46, #47, #48, #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #60, #61, #62, #63, #64, #65, #66, #67, #68, #69, #70, #71, #72, #73, #74, #75, #76, #77, #78, #79, #80, #81, #82, #83, #84, #85, #86, #87, #88, #89, #90, #91, #92, #93, #94, #95, #96, #97, #98, #99, #100, #101, #102, #103, #104, #105, #106, #107, #108, #109, #110, #111, #112, #113, #114, #115, #116, #117, #118, #119, #120, #121, #122, #123, #124, #125, #126, #127, #128, #129, #130, #131, #132, #133, #134, #135, #136, #137, #138, #139, #140, #141, #142, #143, #144, #145, #146, #147, #148, #149, #150, #151, #152, #153, #154, #155, #156, #157, #158, #159, #160, #161, #162, #163, #164, #165, #166, #167, #168, #169, #170, #171, #172, #173, #174, #175, #176, #177, #178, #179, #180, #181, #182, #183, #184, #185, #186, #187, #188, #189, #190, #191, #192, #193, #194, #195, #196, #197, #198, #199, #200, #201, #202, #203, #204, #205, #206, #207, #208, #209, #210, #211, #212, #213, #214, #215, #216, #217, #218, #219, #220, #221, #222, #223, #224, #225, #226, #227, #228, #229, #230, #231, #232, #233, #234, #235, #236, #237, #238, #239, #240, #241, #242, #243, #244, #245, #246, #247, #248, #249, #250, #251, #252, #253, #254, #255, #256, #257, #258, #259, #260, #261, #262, #263, #264, #265, #266, #267, #268, #269, #270, #271, #272, #273, #274, #275, #276, #277, #278, #279, #280, #281, #282, #283, #284, #285, #286, #287, #288, #289, #290, #291, #292, #293, #294, #295, #296, #297, #298, #299, #300, #301, #302, #303, #304, #305, #306, #307, #308, #309, #310, #311, #312, #313, #314, #315, #316, #317, #318, #319, #320, #321, #322, #323, #324, #325, #326, #327, #328, #329, #330, #331, #332, #333, #334, #335, #336, #337, #338, #339, #340, #341, #342, #343, #344, #345, #346, #347, #348, #349, #350, #351, #352, #353, #354, #355, #356, #357, #358, #359, #360, #361, #362, #363, #364, #365, #366, #367, #368, #369, #370, #371, #372, #373, #374, #375, #376, #377, #378, #379, #380, #381, #382, #383, #384, #385, #386, #387, #388, #389, #390, #391, #392, #393, #394, #395, #396, #397, #398, #399, #400, #401, #402, #403, #404, #405, #406, #407, #408, #409, #410, #411, #412, #413, #414, #415, #416, #417, #418, #419, #420, #421, #422, #423, #424, #425, #426, #427, #428, #429, #430, #431, #432, #433, #434, #435, #436, #437, #438, #439, #440, #441, #442, #443, #444, #445, #446, #447, #448, #449, #450, #451, #452, #453, #454, #455, #456, #457, #458, #459, #460, #461, #462, #463, #464, #465, #466, #467, #468, #469, #470, #471, #472, #473, #474, #475, #476, #477, #478, #479, #480, #481, #482, #483, #484, #485, #486, #487, #488, #489, #490, #491, #492, #493, #494, #495, #496, #497, #498, #499, #500, #501, #502, #503, #504, #505, #506, #507, #508, #509, #510, #511, #512, #513, #514, #515, #516, #517, #518, #519, #520, #521, #522, #523, #524, #525, #526, #527, #528, #529, #530, #531, #532, #533, #534, #535, #536, #537, #538, #539, #540, #541, #542, #543, #544, #545, #546, #547, #548, #549, #550, #551, #552, #553, #554, #555, #556, #557, #558, #559, #560, #561, #562, #563, #564, #565, #566, #567, #568, #569, #570, #571, #572, #573, #574, #575, #576, #577, #578, #579, #580, #581, #582, #583, #584, #585, #586, #587, #588, #589, #590, #591, #592, #593, #594, #595, #596, #597, #598, #599, #600, #601, #602, #603, #604, #605, #606, #607, #608, #609, #610, #611, #612, #613, #614, #615, #616, #617, #618, #619, #620, #621, #622, #623, #624, #625, #626, #627, #628, #629, #630, #631, #632, #633, #634, #635, #636, #637, #638, #639, #640, #641, #642, #643, #644, #645, #646, #647, #648, #649, #650, #651, #652, #653, #654, #655, #656, #657, #658, #659, #660, #661, #662, #663, #664, #665, #666, #667, #668, #669, #670, #671, #672, #673, #674, #675, #676, #677, #678, #679, #680, #681, #682, #683, #684, #685, #686, #687, #688, #689, #690, #691, #692, #693, #694, #695, #696, #697, #698, #699, #700, #701, #702, #703, #704, #705, #706, #707, #708, #709, #710, #711, #712, #713, #714, #715, #716, #717, #718, #719, #720, #721, #722, #723, #724, #725, #726, #727, #728, #729, #730, #731, #732, #733, #734, #735, #736, #737, #738, #739, #740, #741, #742, #743, #744, #745, #746, #747, #748, #749, #750, #751, #752, #753, #754, #755, #756, #757, #758, #759, #760, #761, #762, #763, #764, #765, #766, #767, #768, #769, #770, #771, #772, #773, #774, #775, #776, #777, #778, #779, #780, #781, #782, #783, #784, #785, #786, #787, #788, #789, #790, #791, #792, #793, #794, #795, #796, #797, #798, #799, #800, #801, #802, #803, #804, #805, #806, #807, #808, #809, #810, #811, #812, #813, #814, #815, #816, #817, #818, #819, #820, #821, #822, #823, #824, #825, #826, #827, #828, #829, #830, #831, #832, #833, #834, #835, #836, #837, #838, #839, #840, #841, #842, #843, #844, #845, #846, #847, #848, #849, #850, #851, #852, #853, #854, #855, #856, #857, #858, #859, #860, #861, #862, #863, #864, #865, #866, #867, #868, #869, #870, #871, #872, #873, #874, #875, #876, #877, #878, #879, #880, #881, #882, #883, #884, #885, #886, #887, #888, #889, #890, #891, #892, #893, #894, #895, #896, #897, #898, #899, #900, #901, #902, #903, #904, #905, #906, #907, #908, #909, #910, #911, #912, #913, #914, #915, #916, #917, #918, #919, #920, #921, #922, #923, #924, #925, #926, #927, #928, #929, #930, #931, #932, #933, #934, #935, #936, #937, #938, #939, #940, #941, #942, #943, #944, #945, #946, #947, #948, #949, #950, #951, #952, #953, #954, #955, #956, #957, #958, #959, #960, #961, #962, #963, #964, #965, #966, #967, #968, #969, #970, #971, #972, #973, #974, #975, #976, #977, #978, #979, #980, #981, #982, #983, #984, #985, #986, #987, #988, #989, #990, #991, #992, #993, #994, #995, #996, #997, #998, #999, #1000, #1001, #1002, #1003, #1004, #1005, #1006, #1007, #1008, #1009, #1010, #1011, #1012, #1013, #1014, #1015, #1016, #1017, #1018, #1019, #1020, #1021, #1022, #1023, #1024, #1025, #1026, #1027, #1028, #1029, #1030, #1031, #1032, #1033, #1034, #1035, #1036, #1037, #1038, #1039, #1040, #1041, #1042, #1043, #1044, #1045, #1046, #1047, #1048, #1049, #1050, #1051, #1052, #1053, #1054, #1055, #1056, #1057, #1058, #1059, #1060, #1061, #1062, #1063, #1064, #1065, #1066, #1067, #1068, #1069, #1070, #1071, #1072, #1073, #1074, #1075, #1076, #1077, #1078, #1079, #1080, #1081, #1082, #1083, #1084, #1085, #1086, #1087, #1088, #1089, #1090, #1091, #1092, #1093, #1094, #1095, #1096, #1097, #1098, #1099, #1100, #1101, #1102, #1103, #1104, #1105, #1106, #1107, #1108, #1109, #1110, #1111, #1112, #1113, #1114, #1115, #1116, #1117, #1118, #1119, #1120, #1121, #1122, #1123, #1124, #1125, #1126, #1127, #1128, #1129, #1130, #1131, #1132, #1133, #1134, #1135, #1136, #1137, #1138, #1139, #1140, #1141, #1142, #1143, #1144, #1145, #1146, #1147, #1148, #1149, #1150, #1151, #1152, #1153, #1154, #1155, #1156, #1157, #1158, #1159, #1160, #1161, #1162, #1163, #1164, #1165, #1166, #1167, #1168, #1169, #1170, #1171, #1172, #1173, #1174, #1175, #1176, #1177, #1178, #1179, #1180, #1181, #1182, #1183, #1184, #1185, #1186, #1187, #1188, #1189, #1190, #1191, #1192, #1193, #1194, #1195, #1196, #1197, #1198, #1199, #1200, #1201, #1202, #1203, #1204, #1205, #1206, #1207, #1208, #1209, #1210, #1211, #1212, #1213, #1214, #1215, #1216, #1217, #1218, #1219, #1220, #1221, #1222, #1223, #1224, #1225, #1226, #1227, #1228, #1229, #1230, #1231, #1232, #1233, #1234, #1235, #1236, #1237, #1238, #1239, #1240, #1241, #1242, #1243, #1244, #1245, #1246, #1247, #1248, #1249, #1250, #1251, #1252, #1253, #1254, #1255, #1256, #1257, #1258, #1259, #1260, #1261, #1262, #1263, #1264, #1265, #1266, #1267, #1268, #1269, #1270, #1271, #1272, #1273, #1274, #1275, #1276, #1277, #1278, #1279, #1280, #1281, #1282, #1283, #1284, #1285, #1286, #1287, #1288, #1289, #1290, #1291, #1292, #1293, #1294, #1295, #1296, #1297, #1298, #1299, #1300, #1301, #1302, #1303, #1304, #1305, #1306, #1307, #1308, #1309, #1310, #1311, #1312, #1313, #1314, #1315, #1316, #1317, #1318, #1319, #1320, #1321, #1322, #1323, #1324, #1325, #1326, #1327, #1328, #1329, #1330, #1331, #1332, #1333, #1334, #1335, #1336, #1337, #1338, #1339, #1340, #1341, #1342, #1343, #1344, #1345, #1346, #1347, #1348, #1349, #1350, #1351, #1352, #1353, #1354, #1355, #1356, #1357, #1358, #1359, #1360, #1361, #1362, #1363, #1364, #1365, #1366, #1367, #1368, #1369, #1370, #1371, #1372, #1373, #1374, #1375, #1376, #1377, #1378, #1379, #1380, #1381, #1382, #1383, #1384, #1385, #1386, #1387, #1388, #1389, #1390, #1391, #1392, #1393, #1394, #1395, #1396, #1397, #1398, #1399, #1400, #1401, #1402, #1403, #1404, #1405, #1406, #1407, #1408, #1409, #1410, #1411, #1412, #1413, #1414, #1415, #1416, #1417, #1418, #1419, #1420, #1421, #1422, #1423, #1424, #1425, #1426, #1427, #1428, #1429, #1430, #1431, #1432, #1433, #1434, #1435, #1436, #1437, #1438, #1439, #1440, #1441, #1442, #1443, #1444, #1445, #1446, #1447, #1448, #1449, #1450, #1451, #1452, #1453, #1454, #1455, #1456, #1457, #1458, #1459, #1460, #1461, #1462, #1463, #1464, #1465, #1466, #1467, #1468, #1469, #1470, #1471, #1472, #1473, #1474, #1475, #1476, #1477, #1478, #1479, #1480, #1481, #1482, #1483, #1484, #1485, #1486, #1487, #1488, #1489, #1490, #1491, #1492, #1493, #1494, #1495, #1496, #1497, #1498, #1499, #1500, #1501, #1502, #1503, #1504, #1505, #1506, #1507, #1508, #1509, #1510, #1511, #1512, #1513, #1514, #1515, #1516, #1517, #1518, #1519, #1520, #1521, #1522, #1523, #1524, #1525, #1526, #1527, #1528, #1529, #1530, #1531, #1532, #1533, #1534, #1535, #1536, #1537, #1538, #1539, #1540, #1541, #1542, #1543, #1544, #1545, #1546, #1547, #1548, #1549, #1550, #1551, #1552, #1553, #1554, #1555, #1556, #1557, #1558, #1559, #1560, #1561, #1562, #1563, #1564, #1565, #1566, #1567, #1568, #1569, #1570, #1571, #1572, #1573, #1574, #1575, #1576, #1577, #1578, #1579, #1580, #1581, #1582, #1583, #1584, #1585, #1586, #1587, #1588, #1589, #1590, #1591, #1592, #1593, #1594, #1595, #1596, #1597, #1598, #1599, #1600, #1601, #1602, #1603, #1604, #1605, #1606, #1607, #1608, #1609, #1610, #1611, #1612, #1613, #1614, #1615, #1616, #1617, #1618, #1619, #1620, #1621, #1622, #1623, #1624, #1625, #1626, #1627, #1628, #1629, #1630, #1631, #1632, #1633, #1634, #1635, #1636, #1637, #1638, #1639, #1640, #1641, #1642, #1643, #1644, #1645, #1646, #1647, #1648, #1649, #1650, #1651, #1652, #1653, #1654, #1655, #1656, #1657, #1658, #1659, #1660, #1661, #1662, #1663, #1664, #1665, #1666, #1667, #1668, #1669, #1670, #1671, #1672, #1673, #1674, #1675, #1676, #1677, #1678, #1679, #1680, #1681, #1682, #1683, #1684, #1685, #1686, #1687, #1688, #1689, #1690, #1691, #1692, #1693, #1694, #1695, #1696, #1697, #1698, #1699, #1700, #1701, #1702, #1703, #1704, #1705, #1706, #1707, #1708, #1709, #1710, #1711, #1712, #1713, #1714, #1715, #1716, #1717, #1718, #1719, #1720, #1721, #1722, #1723, #1724, #1725, #1726, #1727, #1728, #1729, #1730, #1731, #1732, #1733, #1734, #1735, #1736, #1737, #1738, #1739, #1740, #1741, #1742, #1743, #1744, #1745, #1746, #1747, #1748, #1749, #1750, #1751, #1752, #1753, #1754, #1755, #1756, #1757, #1758, #1759, #1760, #1761, #1762, #1763, #1764, #1765, #1766, #1767, #1768, #1769, #1770, #1771, #1772, #1773, #1774, #1775, #1776, #1777, #1778, #1779, #1780, #1781, #1782, #1783, #1784, #1785, #1786, #1787, #1788, #1789, #1790, #1791, #1792, #1793, #1794, #1795, #1796, #1797, #1798, #1799, #1800, #1801, #1802, #1803, #1804, #1805, #1806, #1807, #1808, #1809, #1810, #1811, #1812, #1813, #1814, #1815, #1816, #1817, #1818, #1819, #1820, #1821, #1822, #1823, #1824, #1825, #1826, #1827, #1828, #1829, #1830, #1831, #1832, #1833, #1834, #1835, #1836, #1837, #1838, #1839, #1840, #1841, #1842, #1843, #1844, #1845, #1846, #1847, #1848, #1849, #1850, #1851, #1852, #1853, #1854, #1855, #1856, #1857, #1858, #1859, #1860, #1861, #1862, #1863, #1864, #1865, #1866, #1867, #1868, #1869, #1870, #1871, #1872, #1873, #1874, #1875, #1876, #1877, #1878, #1879, #1880, #1881, #1882, #1883, #1884, #1885, #1886, #1887, #1888, #1889, #1890, #1891, #1892, #1893, #1894, #1895, #1896, #1897, #1898, #1899, #1900, #1901, #1902, #1903, #1904, #1905, #1906, #1907, #1908, #1909, #1910, #1911, #1912, #1913, #1914, #1915, #1916, #1917, #1918, #1919, #1920, #1921, #1922, #1923, #1924, #1925, #1926, #1927, #1928, #1929, #1930, #1931, #1932, #1933, #1934, #1935, #1936, #1937, #1938, #1939, #1940, #1941, #1942, #1943, #1944, #1945, #1946, #1947, #1948, #1949, #1950, #1951, #1952, #1953, #1954, #1955, #1956, #1957, #1958, #1959, #1960, #1961, #1962, #1963, #1964, #1965, #1966, #1967, #1968, #1969, #1970, #1971, #1972, #1973, #1974, #1975, #1976, #1977, #1978, #1979, #1980, #1981, #1982, #1983, #1984, #19

PANEL 'MP'				
DESCRIPTION: 120/208V, 3 PHASE, 4 WIRE, 100A MAIN BREAKER, BOTTOM, 65K AIC SERIES RATED, SURFACE, 120KA INTEGRAL SPD				
CIRCUIT DESCRIPTION	BRKR	BRKR	NO.	CIRCUIT DESCRIPTION
FNL LP-BA	120/3	125/3		FNL LP-1A
FNL LP-2A	200/3	200/3		FNL LP-3A
FNL PFK	250/3			SPACE
ELEVATOR	200/3			200/3 PROVISION
FNL FP-BA	100/3			100/3 PROVISION
WALK-IN COOLER CONDENSER	20/3	20/3		WALK-IN FREEZER CONDENSER
60/3 PROVISION		15/3		OUTSIDE AIR AHU
60/3 PROVISION		30/3		SEWAGE EJECTOR

10 PANEL 'MP' SCHEDULE  
E0.2 NO SCALE

PANEL 'LP-BA'					
DESCRIPTION: 120/208V, 3 PHASE, 4 WIRE, 100A MAIN LUGS ONLY, BOTTOM, 65K AIC SERIES RATED, SURFACE, 120KA INTEGRAL SPD					
CIRCUIT DESCRIPTION	NO.	BRKR	BRKR	NO.	CIRCUIT DESCRIPTION
SPARE	1	20/1	20/1	2	RECEPTACLES
SPARE	3	20/1	20/1	4	RECEPTACLES
ELEV. AHU	5	20/1	20/1	6	RECEPTACLES
ELEV. CAB LOADS	7	20/1	20/1	8	RECEPTACLES
ELEV. EQUIP. RPT. RECEPT.	9	20/1	20/1	10	RECEPTACLES
ELEV. PRT. LUG. 4 RECEPT.	11	20/1	20/1	12	RECEPTACLES
FIRE ALARM FNL PAK	13	20/1	20/1	14	LIGHTING
DUMPMETER ENCLOSURE	15	20/1	20/1	16	LIGHTING
CIRCULATOR PUMP	17	20/1	20/1	18	SPARE (RECEPTACLES)
HOT WATER BOILER	19	20/1	20/1	20	SPARE
ELEV. PUMP PUMP	21	20/1	20/1	22	SPARE
KITCHEN AHU	23	25/1	20/1	24	SPARE
30/1 PROVISION	25			26	30/1 PROVISION
30/1 PROVISION	27			28	30/1 PROVISION
30/1 PROVISION	29			30	30/1 PROVISION
30/1 PROVISION	31			32	30/1 PROVISION
30/1 PROVISION	33			34	30/1 PROVISION
30/1 PROVISION	35			36	30/1 PROVISION
30/1 PROVISION	37			38	30/1 PROVISION
30/1 PROVISION	39			40	30/1 PROVISION
30/1 PROVISION	41			42	30/1 PROVISION

NOTE: INSTALL APPROVED HANDLE TIE ON BRANCH CIRCUIT BREAKERS SHARING NEUTRAL.

8 PANEL 'LP-BA' SCHEDULE  
E0.2 NO SCALE

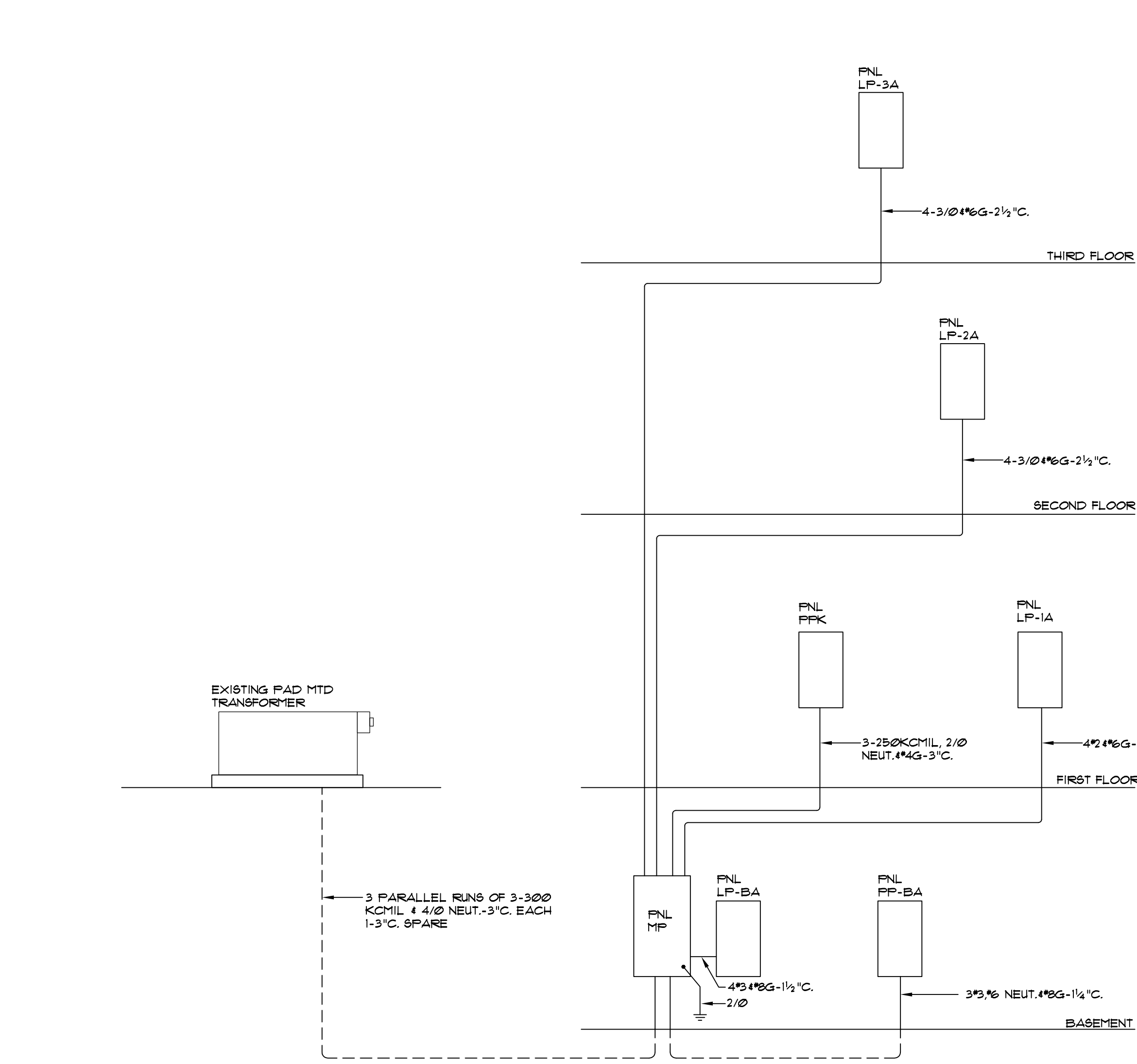
PANEL 'PP-BA'					
DESCRIPTION: 120/208V, 3 PHASE, 4 WIRE, 100A MAIN LUGS ONLY, BOTTOM, 65K AIC SERIES RATED, SURFACE, 120KA INTEGRAL SPD					
CIRCUIT DESCRIPTION	NO.	BRKR	BRKR	NO.	CIRCUIT DESCRIPTION
30/1 PROVISION	1		15/1	2	FOYER 1 AHU
30/1 PROVISION	3		25/1	4	FOYER 2 AHU
30/1 PROVISION	5		15/1	6	HOUSE/OTHER AHU
30/1 PROVISION	7	20/1		8	RECEPTACLE - SHIMP PUMP
30/1 PROVISION	9	20/1		10	RECEPTACLE - SHIMP PUMP ALARM
30/1 PROVISION	11			12	30/1 PROVISION
30/1 PROVISION	13			14	30/1 PROVISION
30/1 PROVISION	15		15/2	16	30/1 PROVISION
LIVING ROOM AHU	17			18	30/1 PROVISION
SPARE	19	15/3	15/3	20	HOT WATER PUMP
SPARE	21			22	
SPARE	23			24	
SPARE	25			26	
SPARE	27	15/3	15/3	28	DINING ROOM AHU
SPARE	29			30	

5 PANEL 'PP-BA' SCHEDULE  
E0.2 NO SCALE

PANEL 'LP-1A'					
DESCRIPTION: 120/208V, 3 PHASE, 4 WIRE, 125A MAIN LUGS ONLY, BOTTOM, 65K AIC SERIES RATED, SURFACE, 120KA INTEGRAL SPD					
CIRCUIT DESCRIPTION	NO.	BRKR	BRKR	NO.	CIRCUIT DESCRIPTION
LIGHTING	1	20/1	20/1	2	LIGHTING
LIGHTING	3	20/1	20/1	4	LIGHTING
LIGHTING	5	20/1	20/1	6	LIGHTING
SPARE	7	20/1	20/1	8	LIGHTING
LIGHTING	9	20/1	20/1	10	LIGHTING
LIGHTING	11	20/1	20/1	12	LIGHTING
LIGHTING	13	20/1	20/1	14	RECEPTACLES
EXTERIOR LIGHTING FC #1	15	30/1	20/1	16	RECEPTACLES
EXTERIOR LIGHTING FC #2	17	20/1	20/1	18	RECEPTACLES
RECEPTACLES	19	20/1	20/1	20	RECEPTACLES
RECEPTACLES	21	20/1	20/1	22	RECEPTACLES
RECEPTACLES	23	20/1	20/1	24	RECEPTACLES
RECEPTACLES	25	20/1	20/1	26	RECEPTACLES
RECEPTACLES	27	20/1	20/1	28	RECEPTACLES
RECEPTACLES	29	20/1	20/1	30	RECEPTACLES
MAIL AHU	31	20/1	20/1	32	RECEPTACLES
SPARE	33	20/1	20/1	34	CEILING PROJECTOR & SCREEN
SPARE	35	20/1	20/1	36	RECEPTACLES
30/1 PROVISION	37	20/1	20/1	38	FUTURE STAGE LIGHTING
30/1 PROVISION	39	20/1	20/1	40	FUTURE STAGE LIGHTING
30/1 PROVISION	41	20/1	20/1	42	FUTURE STAGE LIGHTING

NOTE: INSTALL APPROVED HANDLE TIE ON BRANCH CIRCUIT BREAKERS SHARING NEUTRAL.

1 PANEL 'LP-1A' SCHEDULE  
E0.2 NO SCALE



6 RISER DIAGRAM  
E0.2 NOT TO SCALE

PANEL 'PPK'					
DESCRIPTION: 120/208V, 3 PHASE, 4 WIRE, 125A MAIN LUGS ONLY, BOTTOM, 65K AIC SERIES RATED, FLUSH, 120KA INTEGRAL SPD, SINGLE SECTION					
CIRCUIT DESCRIPTION	NO.	BRKR	BRKR	NO.	CIRCUIT DESCRIPTION
(13) SANDWICH GRILL	1	20/1	20/1	2	RECEPTACLES
RECEPTACLE	3	20/1	20/1	4	MICROWAVE
(110) REFRIGERATOR	5	20/1	20/1	6	REFRIGERATED COUNTER
(151) SLICER	7	20/1	20/1	8	FOOD PROCESSOR
(168) ICE & SODA DISPENSER	9	20/1	20/1	10	RECEPTACLES
(143) REFRIGERATOR	11	20/1	20/1	12	RECEPTACLES
(16) HEAT LAMP	13	20/1	20/1	14	COLLING DOOR
(16) RECEPTACLES	15	20/1	20/1	16	U.C. FREEZER
(160) COLD FOOD PAN	17	20/1	20/1	18	SPARE
RECEPTACLES	19	20/1	20/1	20	RECEPTACLES
(157) REFRIGERATOR	21	20/1	20/1	22	SODA SYSTEM
(116) FREEZER	23	20/1	20/1	24	AIR CURTAIN
(137) HOOD CONTROLS	25	20/1	20/1	26	SPARE
(137) HOOD LIGHTS	27	20/1	20/1	28	SPARE
(137) SHUNT TRIP CIRCUIT	29	20/1	20/1	30	SPARE
(10) WALK-IN COOLER LIGHTS	31	20/1	20/1	32	SPARE
(102) WALK-IN FREEZER LIGHT/HEATER	33	20/1	20/1	34	30/1 PROVISION
(102) WALK-IN COOLER EVAPORATOR	35	20/1	20/1	36	30/1 PROVISION
SPARE	37	20/1	20/1	38	30/1 PROVISION
(104) WALK-IN COOLER EVAPORATOR	39	20/2		40	30/1 PROVISION
	41	20/2		42	30/1 PROVISION
(94) HOT FOOD WELL	43	30/2	20/2	44	ICE MAKER
	45			46	
(156) STRIP HEAT LAMP	47	15/2	30/2	48	MICROWAVE
	49			50	
(165) COFFEE BREWER	51	20/1	20/1	52	FCU
	53	30/2	20/2	54	HOT FOOD WELL
(167) ICE MAKER	55	20/2	20/2	56	SPARE
	57			58	
(17) TOASTER	59	15/2	20/3 S.T.	60	REFRIG. COUNTER
(22) DISHWASHER	61			62	RANGE & WARMER
	63			64	FRYER/FILTER
	65			66	SHUNT TRIP
(138) HOOD SUPPLY FAN	67	15/3 S.T.		68	
	69		15/3	70	FOOD MIXER
	71			72	
(21) DISPOSER	73	20/3		74	30/3 PROVISION
	75			76	
	77			78	
	79			80	
(138) HOOD EXHAUST FAN	81	20/3	20/3	82	SPARE
	83			84	

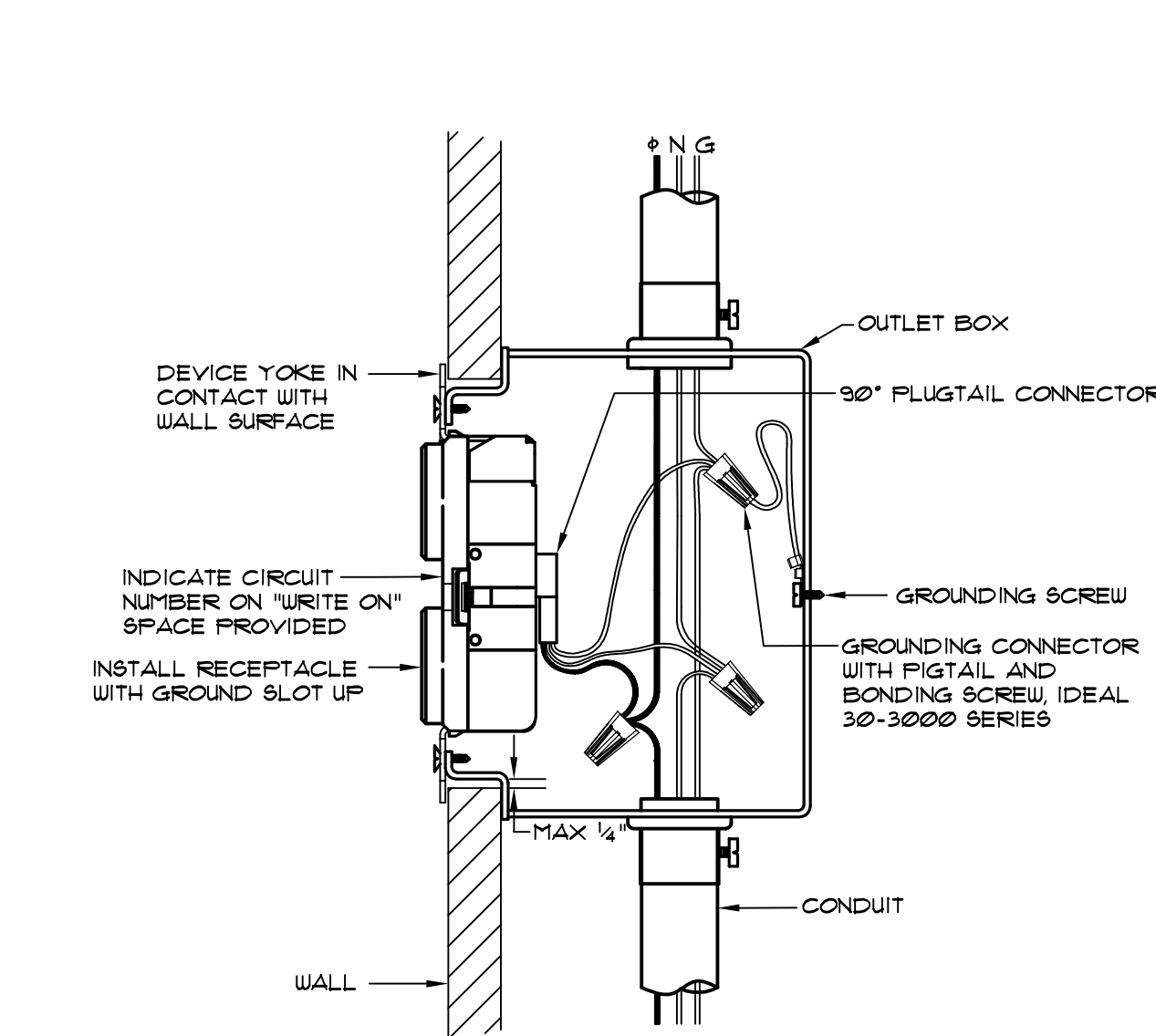
NOTE: INSTALL APPROVED HANDLE TIE ON BRANCH CIRCUIT BREAKERS SHARING NEUTRAL.

2 PANEL 'PPK' SCHEDULE  
E0.2 NO SCALE

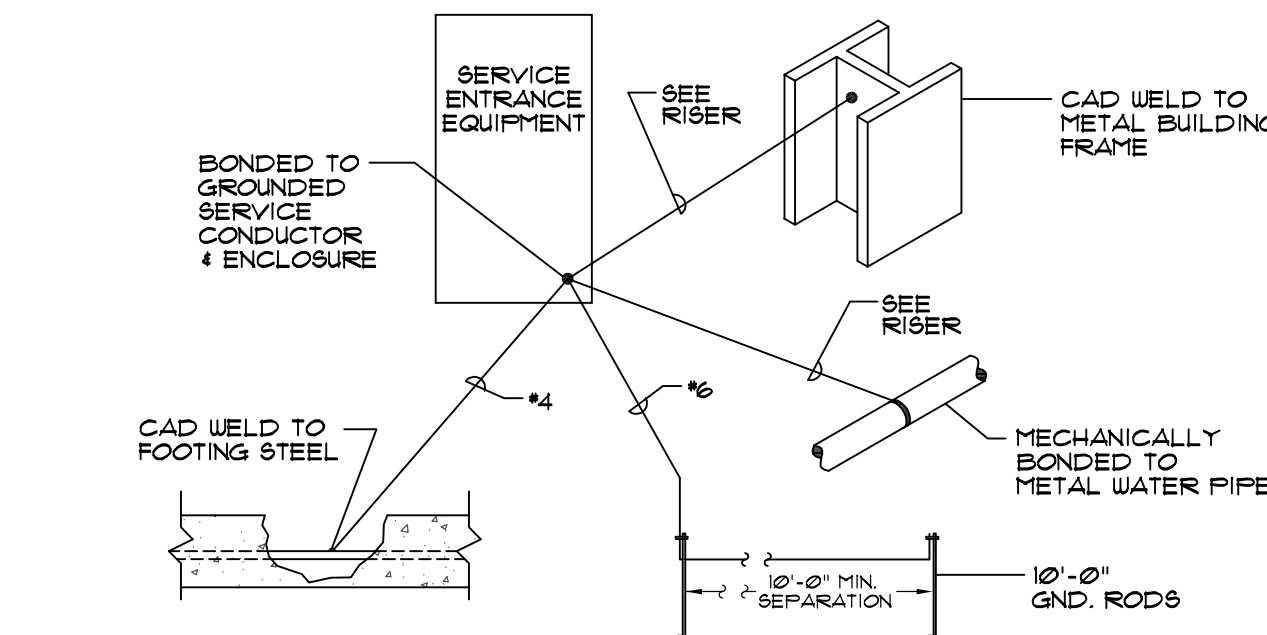
PANEL 'LP-2A'					
DESCRIPTION: 120/208V, 3 PHASE, 4 WIRE, 100A MAIN LUGS ONLY, BOTTOM, 65K AIC SERIES RATED, SURFACE, 120KA INTEGRAL SPD, SINGLE SECTION					
CIRCUIT DESCRIPTION	NO.	BRKR	BRKR	NO.	CIRCUIT DESCRIPTION
RECEPT WASH	1	20/1	20/1	2	RECEPT WASH
RECEPT WASH	3	20/1	20/1	4	RECEPT VENDING
RECEPT WASH	5	20/1	20/1	6	RECEPTACLES
SPARE	7	20/1	20/1	8	RECEPTACLES
RECEPTACLES	9	20/1	20/1	10	RECEPTACLES
RECEPTACLES	11	20/1	20/1	12	RECEPTACLES
RECEPTACLES	13	20/1	20/1	14	RECEPTACLES
RECEPTACLES	15	20/1	20/1	16	RECEPTACLES
RECEPTACLES	17	20/1	20/1	18	RECEPTACLES
RECEPTACLES	19	20/1	20/1	20	RECEPTACLES
RECEPTACLES	21	20/1	20/1	22	RECEPTACLES
RECEPTACLES	23	20/1	20/1	24	RECEPTACLES
RECEPTACLES	25	20/1	20/1	26	RECEPTACLES
RECEPTACLES	27	20/1	20/1	28	RECEPTACLES
RECEPTACLES	29	20/1	20/1	30	RECEPTACLES
RECEPTACLES	31	20/1	20/1	32	RECEPTACLES
RECEPTACLES	33	20/1	20/1	34	RECEPTACLES
RECEPTACLES	35	20/1	20/1	36	RECEPTACLES
SPARE	37	20/1	20/1	38	RECEPTACLES
RECEPTACLES	39	20/1	20/1	40	RECEPTACLES
RECEPTACLES	41	20/1	20/1	42	RECEPTACLES
RECEPTACLES	43	20/1	20/1	44	RECEPTACLES
RECEPTACLES	45	20/1	20/1	46	RECEPTACLES
SPARE	47	20/1	20/1	48	RECEPTACLES
RECEPTACLES	49	20/1	20/1	50	RECEPTACLES
FCU	51	20/1	20/1	52	RECEPTACLES
FCU	53	20/1	20/1	54	RECEPTACLES
FCU	55	20/1	20/1	56	RECEPTACLES
FCU	57	20/1	20/1	58	RECEPTACLES
SPARE	59	20/1	20/1	60	SPARE
LIGHTING	61	20/1	20/1	62	LIGHTING
LIGHTING	63	20/1	20/1	64	LIGHTING
LIGHTING	65	20/1	20/1	66	LIGHTING
LIGHTING	67	20/1	20/1	68	SPARE
LIGHTING	69	20/1	20/1	70	SPARE
LIGHTING	71	20/1	30/1	72	RECEPTACLE - CDB 30A
30/1 PROVISION	73			74	
30/1 PROVISION	75		30/2	76	DRYER
30/1 PROVISION	77			78	DRYER
30/1 PROVISION	79		30/2	80	DRYER
DRYER	81	30/2	30/2	82	DRYER
	83			84	

NOTE: INSTALL APPROVED HANDLE TIE ON BRANCH CIRCUIT BREAKERS SHARING NEUTRAL.

3 PANEL 'LP-2A' SCHEDULE  
E0.2 NO SCALE



9 RECEPTACLE INSTALLATION DETAIL  
E0.2 NOT TO SCALE



7 SERVICE GROUNDING DIAGRAM  
E0.2 NOT TO SCALE

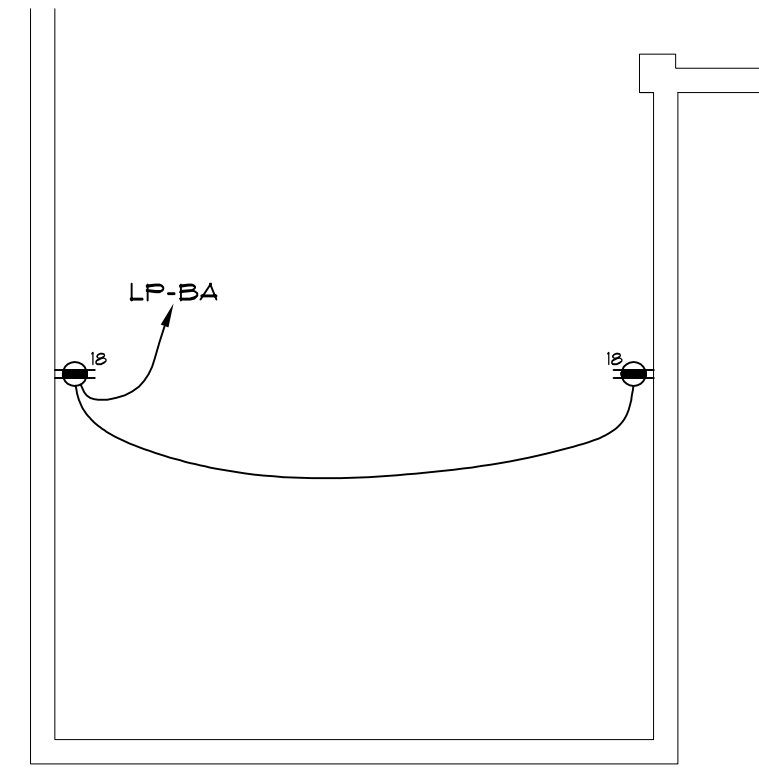
PANEL 'LP-3A'					
DESCRIPTION: 120/208V, 3 PHASE, 4 WIRE, 100A MAIN LUGS ONLY, BOTTOM, 65K AIC SERIES RATED, SURFACE, 120KA INTEGRAL SPD, SINGLE SECTION					
CIRCUIT DESCRIPTION	NO.	BRKR	BRKR	NO.	CIRCUIT DESCRIPTION
RECEPT WASH	1	20/1	20/1	2	RECEPT WASH
RECEPT WASH	3	20/1	20/1	4	RECEPT VENDING
RECEPT WASH	5	20/1	20/1	6	RECEPTACLES
SPARE	7	20/1	20/1	8	RECEPTACLES
RECEPTACLES	9	20/1	20/1	10	RECEPTACLES
RECEPTACLES	11	20/1	20/1	12	RECEPTACLES
RECEPTACLES	13	20/1	20/1	14	RECEPTACLES
RECEPTACLES	15	20/1	20/1	16	RECEPTACLES
RECEPTACLES	17	20/1	20/1	18	RECEPTACLES
RECEPTACLES	19	20/1	20/1	20	RECEPTACLES
RECEPTACLES	21	20/1	20/1	22	RECEPTACLES
RECEPTACLES	23	20/1	20/1	24	RECEPTACLES
RECEPTACLES	25	20/1	20/1	26	RECEPTACLES
RECEPTACLES	27	20/1	20/1	28	RECEPTACLES
RECEPTACLES	29	20/1	20/1	30	RECEPTACLES
RECEPTACLES	31	20/1	20/1	32	RECEPTACLES
RECEPTACLES	33	20/1	20/1	34	RECEPTACLES
RECEPTACLES	35	20/1	20/1	36	RECEPTACLES
SPARE	37	20/1	20/1	38	RECEPTACLES
RECEPTACLES	39	20/1	20/1	40	RECEPTACLES
RECEPTACLES	41	20/1	20/1	42	RECEPTACLES
RECEPTACLES	43	20/1	20/1	44	RECEPTACLES
RECEPTACLES	45	20/1	20/1	46	RECEPTACLES
SPARE	47	20/1	20/1	48	RECEPTACLES
RECEPTACLES	49	20/1	20/1	50	RECEPTACLES
FCU	51	20/1	20/1	52	RECEPTACLES
FCU	53	20/1	20/1	54	RECEPTACLES
FCU	55	20/1	20/1	56	RECEPTACLES
FCU	57	20/1	20/1	58	RECEPTACLES
SPARE	59	20/1	20/1	60	SPARE
LIGHTING	61	20/1	20/1	62	LIGHTING
LIGHTING	63	20/1	20/1	64	LIGHTING
LIGHTING	65	20/1	20/1	66	LIGHTING
LIGHTING	67	20/1	20/1	68	SPARE
LIGHTING	69	20/1	20/1	70	SPARE
LIGHTING	71	20/1	20/1	72	SPARE
30/1 PROVISION	73			74	
30/1 PROVISION	75		30/2	76	DRYER
30/1 PROVISION	77			78	DRYER
30/1 PROVISION	79		30/2	80	DRYER

• ALL CIRCUITS BELOW SLAB TO BE MINIMUM 3/4" C.

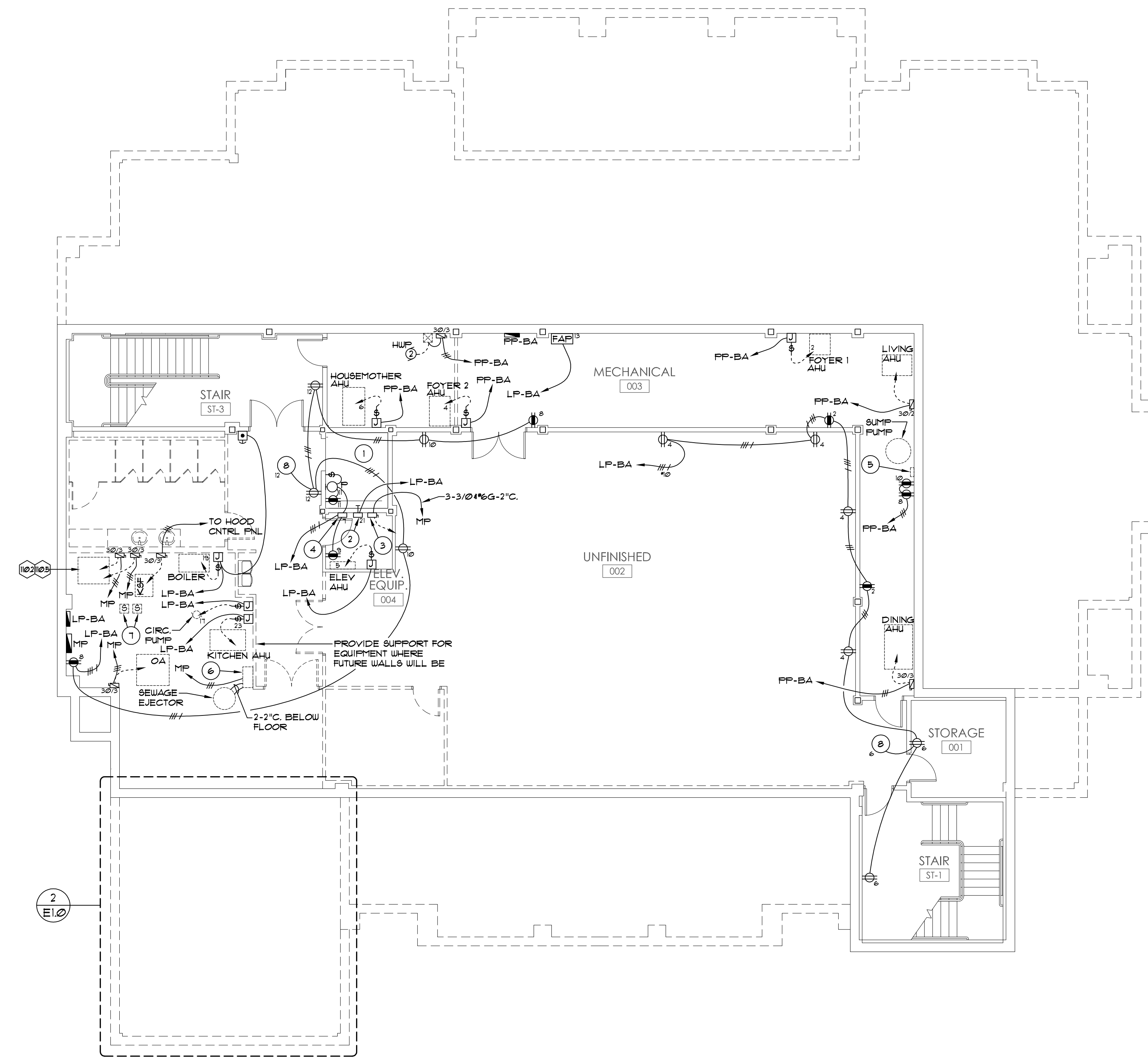
**4**  
E1.0 GENERAL NOTE  
NO SCALE

- 1 SWITCH, LIGHT, AND RECEPTACLE IN ELEVATOR PIT
- 2 SUMP PUMP CONTROLLER. INSTALL 4" C. FROM BELOW CONTROLLER TO ELEVATOR PIT FOR CABLE PASSAGE.
- 3 200/3 FUSED SWITCH, FUSE AS PER ELEVATOR EQUIPMENT NAMEPLATE.
- 4 20/1 ENCLOSED BREAKER FOR CABLE LOADS.
- 5 SUMP PUMP CONTROLLER FURNISHED BY PLUMBER, INSTALLED BY ELECTRICAL CONTRACTOR.
- 6 SEWAGE EJECTOR PUMP CONTROL PANEL, FURNISHED BY PLUMBER, INSTALLED BY ELECTRICAL CONTRACTOR.
- 7 SOLENOID VALVES, 120V, CONTROLLED BY ELEVATOR SUMP PUMP CONTROLLER. INSTALL NECESSARY WIRING.
- 8 DOOR/GATE ACCESS CONTROL POWER SUPPLY ABOVE ACCESSIBLE CEILING. COORDINATE LOCATION WITH SUPPLIER.

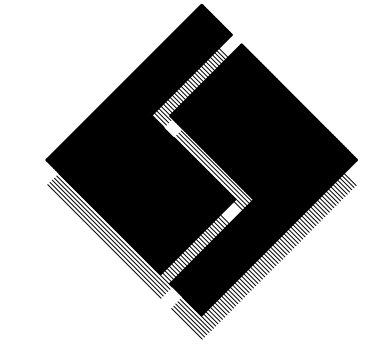
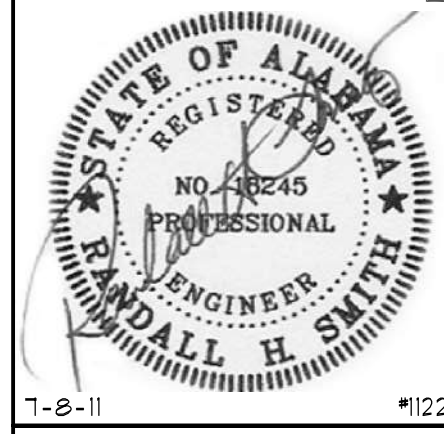
**2**  
E1.0 SPECIFIC NOTES  
NO SCALE



**3**  
E1.0 ALTERNATE (PARTIAL) BASEMENT POWER WIRING PLAN  
1/8" = 1'-0"



**1**  
E1.0 BASEMENT POWER WIRING PLAN  
1/8" = 1'-0"



**R H Smith**  
4 associates p.c.  
Consulting Engineers

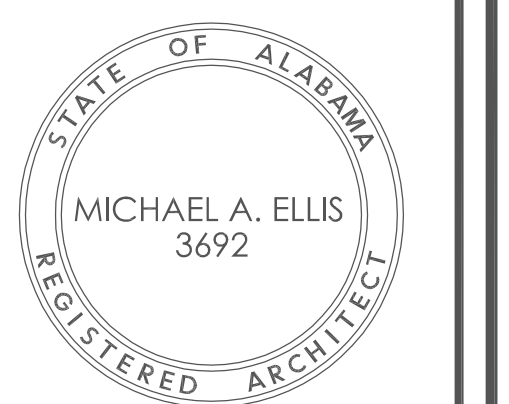
2102 Eighth Street

Tuscaloosa, Alabama 35401

Phone/Fax: 205 345 4402

E-mail: info@rhsmithpc.com

New Sorority House For  
**BETA PSI CHAPTER OF  
DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



Copyright © 2011  
Ellis Architects, Inc.

Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

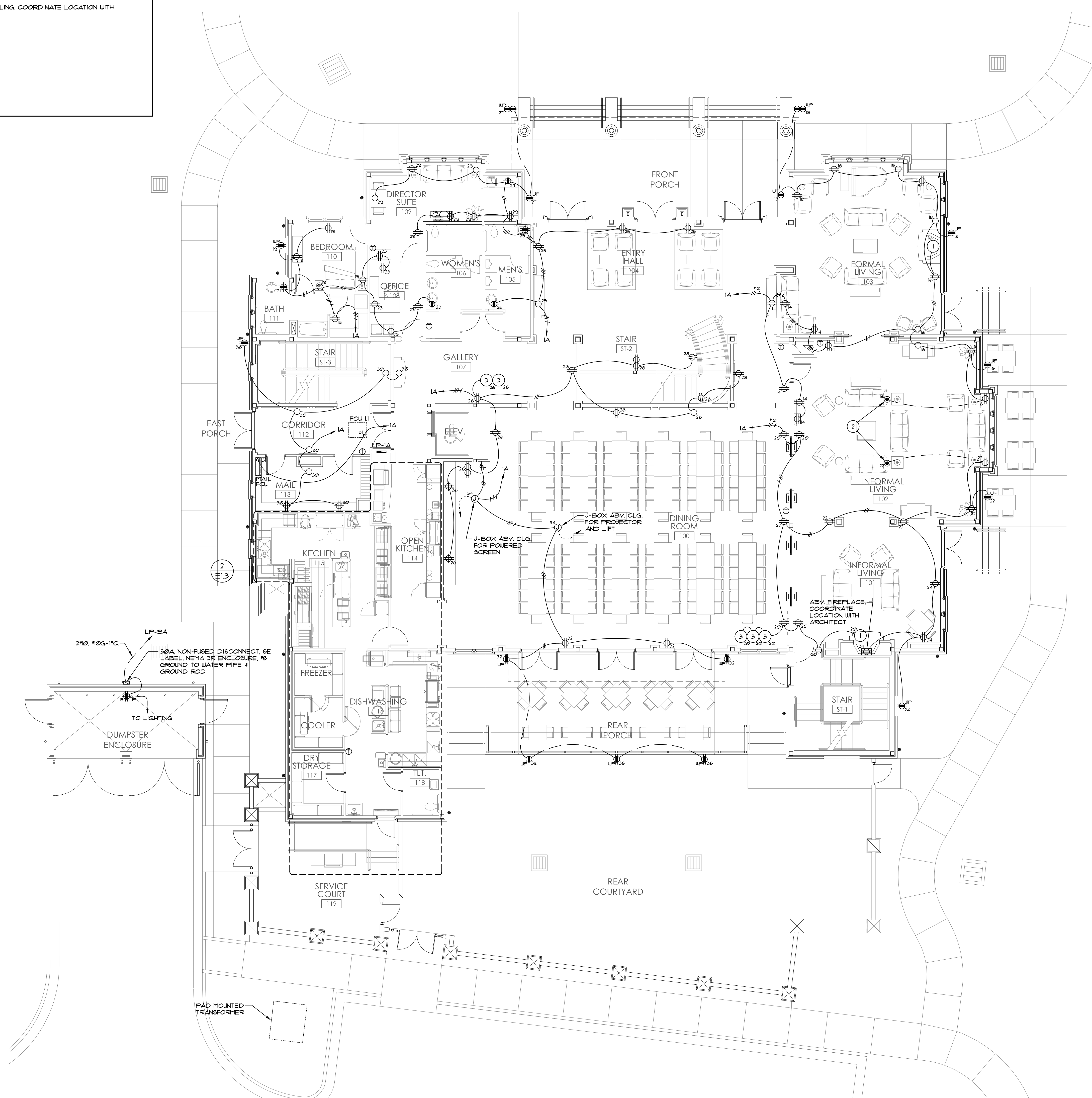
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	
Basement Power Wiring Plan	
SHEET NUMBER	E1.0

- FAN COIL UNITS (FCU) ARE EQUIPPED WITH INTEGRAL DISCONNECT.
- ALL CIRCUITS BELOW SLAB OR BURIED IN EARTH TO BE 1/2" MINIMUM.

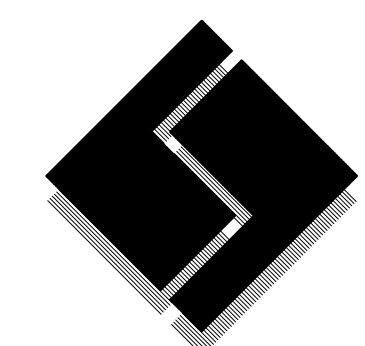
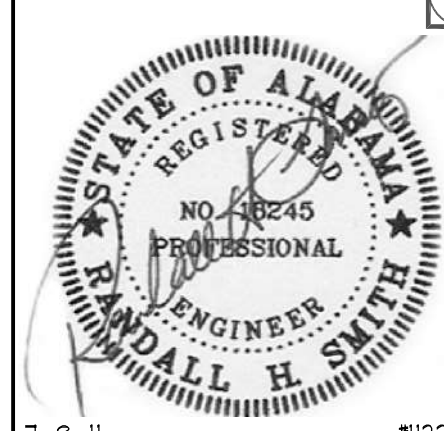
**3** GENERAL NOTES  
E1.1 NO SCALE

- CONNECTION TO FIREPLACE EQUIPMENT, VERIFY EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER.
- LOCATION TO BE DETERMINED BY OWNER.
- DOOR/GATE ACCESS CONTROL POWER SUPPLY ABOVE ACCESSIBLE CEILING. COORDINATE LOCATION WITH SUPPLIER.

**2** SPECIFIC NOTES  
E1.1 NO SCALE



**1** FIRST FLOOR POWER WIRING PLAN  
E1.1 1/8" = 1'-0"



**R H Smith**  
4 associates p.c.  
Consulting Engineers  
2102 Eighth Street  
Tuscaloosa, Alabama 35401  
Phone/Fax 205 345 4402  
E-mail info@rhsmithpc.com

New Sorority House For  
**BETA PSI CHAPTER OF  
DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

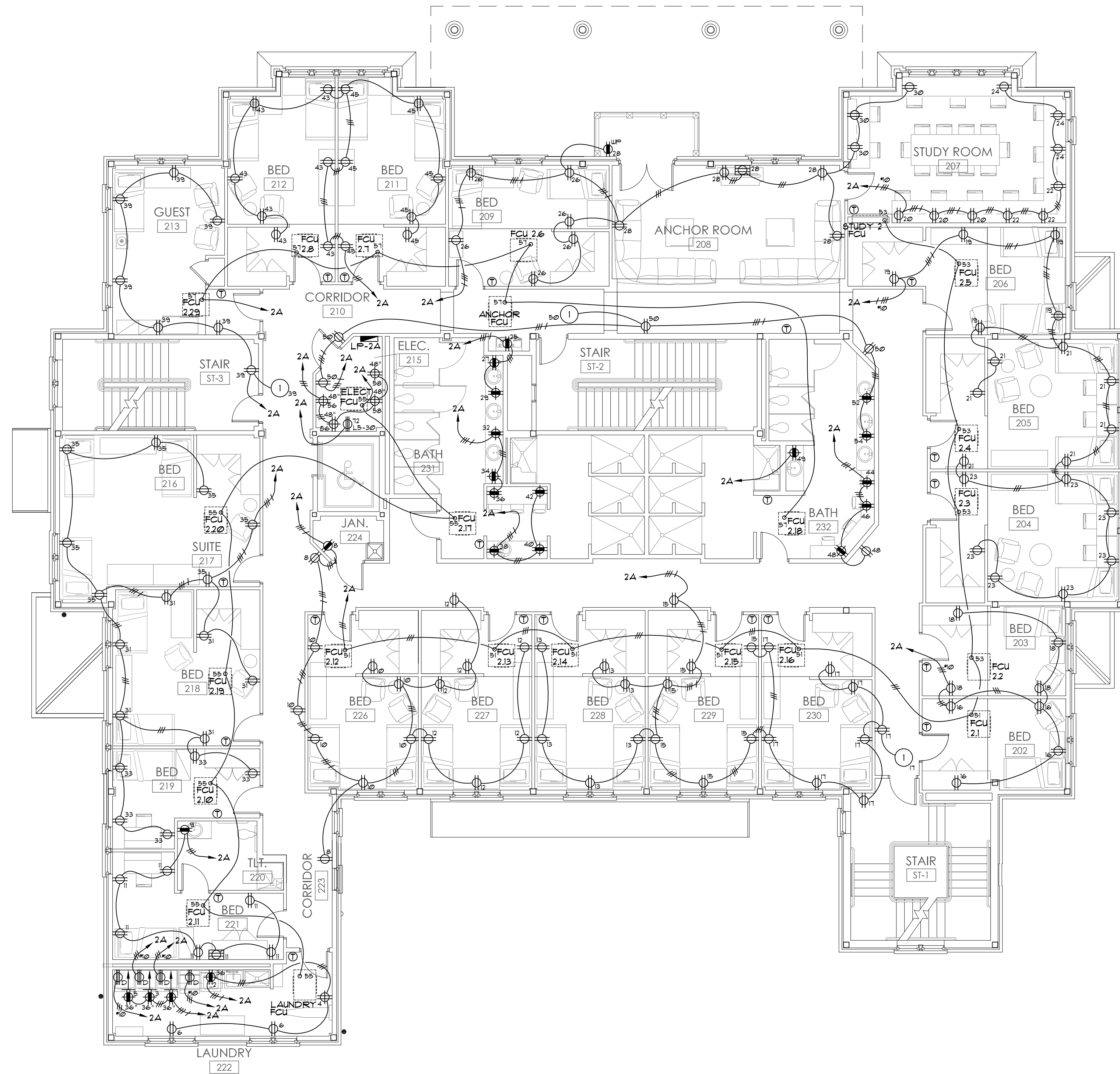
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	
First Floor Power Wiring Plan	
SHEET NUMBER	E1.1

FAN COIL UNITS (FCU) ARE EQUIPPED WITH INTEGRAL DISCONNECT

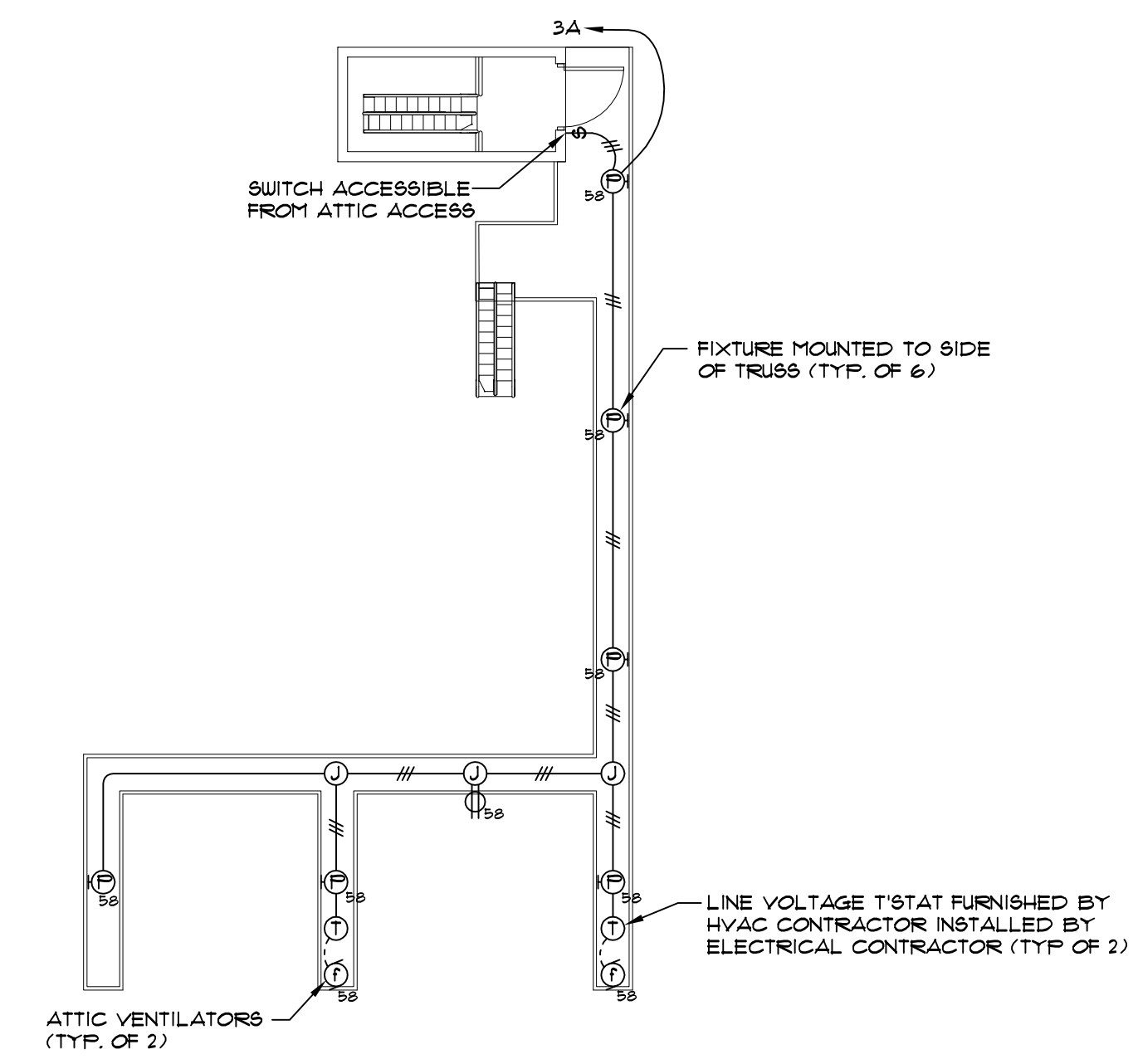
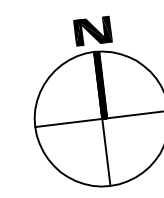
1 DOOR/GATE ACCESS CONTROL POWER SUPPLY ABOVE ACCESSIBLE CEILING. COORDINATE LOCATION WITH SUPPLIER.

4 GENERAL NOTES  
E1.2 NO SCALE

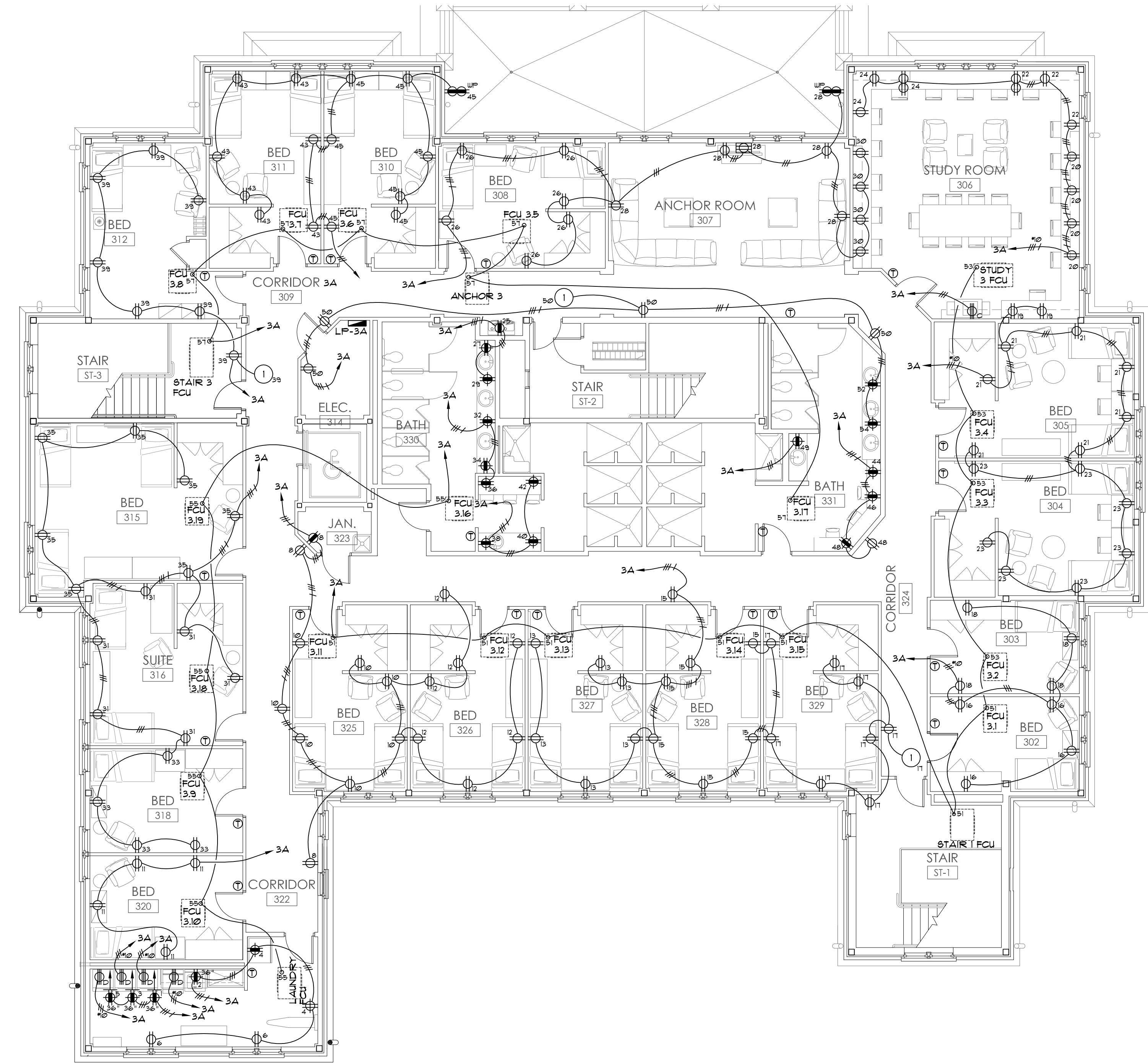
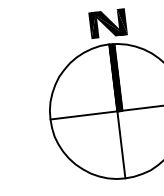
5 SPECIFIC NOTES  
E1.2 NO SCALE



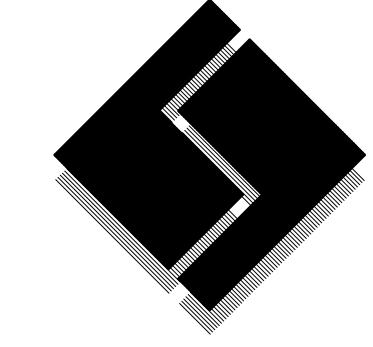
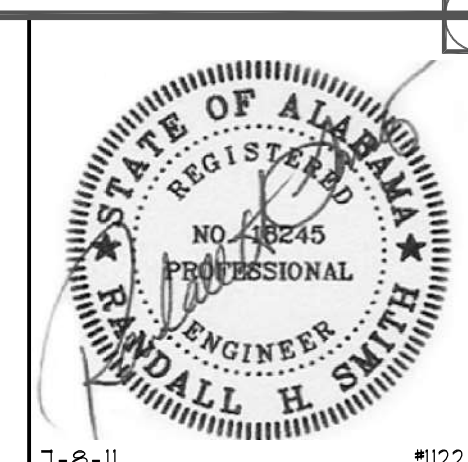
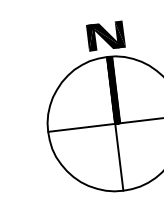
1 SECOND FLOOR POWER WIRING PLAN  
E1.2 1/8" = 1'-0"



3 ATTIC ELECTRICAL PLAN  
E1.2 1/8" = 1'-0"

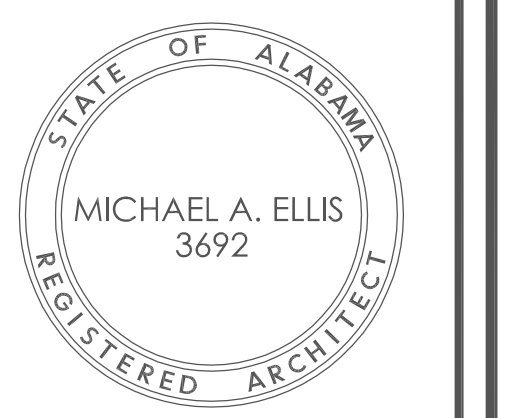


2 THIRD FLOOR POWER WIRING PLAN  
E1.2 1/8" = 1'-0"



**R H Smith**  
4 associates p.c.  
Consulting Engineers  
2102 Eighth Street  
Tuscaloosa, Alabama 35401  
Phone/Fax 205 345 4402  
E-mail info@rhsmithpc.com

New Sorority House For  
**BETA PSI CHAPTER OF  
DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	
2nd & 3rd Floor Power Wiring Plan	
SHEET NUMBER	E1.2

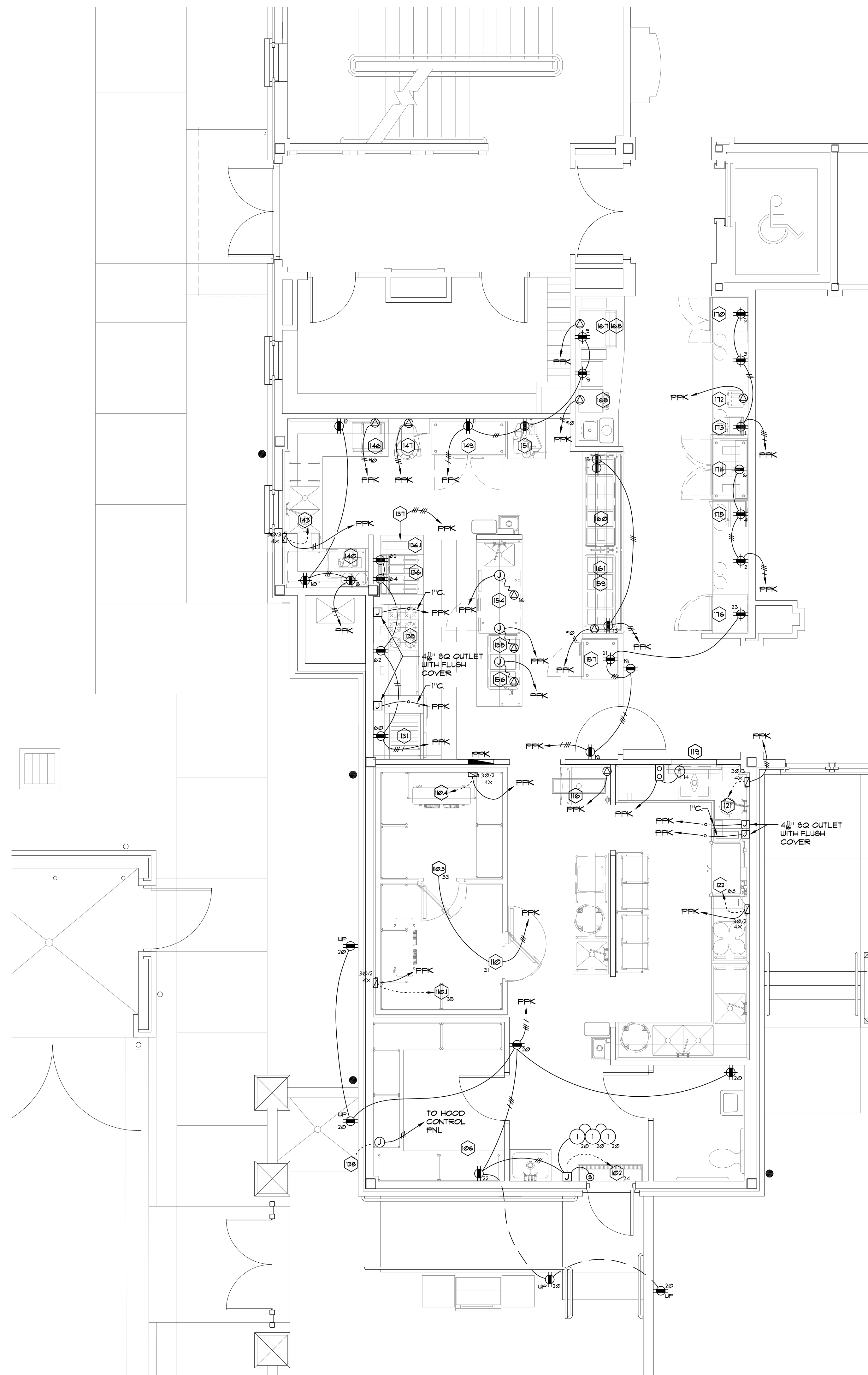
1 DOOR/GATE ACCESS CONTROL POWER SUPPLY ABOVE ACCESSIBLE CEILING. COORDINATE LOCATION WITH SUPPLIER.

3 SPECIFIC NOTES  
E1.3 NO SCALE

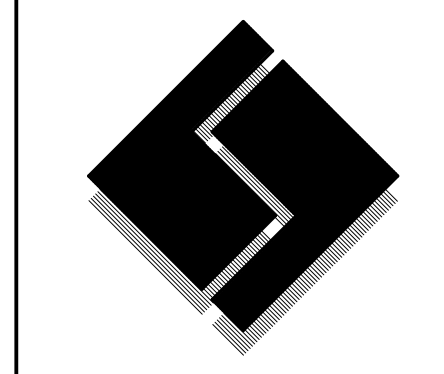
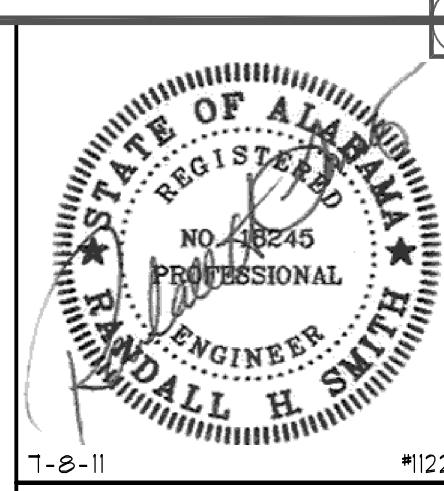
DESCRIPTION	LOAD	VOLT	PHASE	CORD	NEMA	REMARKS
(102) AIR CURTAIN	130W	120	1	---	---	23
(104) SODA SYSTEM	8.0A	120	1	---	5-15	4
(106) WALK-IN COOLER LIGHTING	200W	120	1	---	---	2
(108) WALK-IN COOLER EVAPORATOR	18A	120	1	---	---	2
(109) WALK-IN COOLER CONDENSER	1 H.P.	208	3	---	---	2
(109) WALK-IN FREEZER LIGHTING/HEATERS	400W	120	1	---	---	2
(109) WALK-IN FREEZER EVAPORATOR/DEFROST HEATER	7.0A	208	1	---	---	2
(109) WALK-IN FREEZER CONDENSER	1.5 H.P.	208	3	---	---	2
(116) ICE MAKER	7.5A	208	1	12/3	6-15	1
(118) CEILING SECURITY DOOR	1/2 H.P.	120	1	---	---	2
(121) DISPOSER	6.6A	208	3	---	---	25
(122) DISHWASHER	15.4W	120	1	---	---	2
(131) FUTURE REFRIGERATED COUNTER	8.0A	120	1	---	---	2
(132) RANGE W/ CONVECTION OVEN	4.0A	120	1	---	5-15	4
(136) FRYER BATTERY CONTROLS AND FILTER	8.7A	120	1	---	5-15	4
(144) FRYER FOOD WARMER	750W	120	1	---	5-15	4
(147) HOOD CONTROL PANEL, LIGHTS, ANSUL SYSTEM AND SHUNT TRIP CONTACTS	120	1	---	---	---	2
(148) HOOD EXHAUST FAN	3 H.P.	208	3	---	---	2
(149) HOOD SUPPLY FAN	2 H.P.	208	3	---	---	2
(149) FOOD PROCESSOR	4.8A	120	1	---	5-15	4
(149) DISPOSER	6.6A	208	3	---	---	25
(149) FUTURE MICROWAVE STEAMER	2.8A	208	1	---	6-30	2
(149) FOOD MIXER	2.8A	208	3	12/4	15-15	1
(149) REFRIGERATOR	6.6A	120	1	---	5-15	4
(151) FUTURE FOOD SLICER	6.0A	120	1	---	---	2
(154) UNDERCOUNTER FREEZER	11.6A	120	1	12/3	L5-15	1
(155) HOT FOOD WELL	14.4A	208	1	---	L6-20	4
(156) STRIP HEAT LAMP	1600W	208	1	12/3	L6-15	1
(157) REFRIGERATOR	6.6A	120	1	---	5-15	4
(158) HOT FOOD WELL	18.2A	208	1	---	L6-30	4
(160) COLD FOOD PAN	9.2A	120	1	---	5-15	4
(161) SNEEZE GUARD W/ HEAT LAMP	750W	120	1	---	5-15	4
(162) COFFEE BREWER	28.8A	120/208	1	12/4	L4-30	1
(163) ICE MAKER	11.0A	208	1	---	6-15	4
(168) ICE AND SODA DISPENSER	2.0A	120	1	---	5-15	4
(170) REFRIGERATOR	9.2A	120	1	---	5-15	4
(172) TOASTER	2100W	208	1	---	6-15	4
(173) FUTURE SANDWICH GRILL/TOASTER	16.0A	120	1	---	5-20	2
(174) REFRIGERATED COUNTER	6.7A	120	1	---	5-15	4
(175) MICROWAVE	1000W	120	1	---	5-15	4
(176) FREEZER	13.0A	120	1	---	5-20	4

REMARKS  
 1. FURNISH AND INSTALL CORD 4 90° PLUG.  
 2. HARD WIRED.  
 3. INSTALL DOOR SWITCH FURNISHED WITH EQUIPMENT.  
 4. CORD 4 PLUG FURNISHED WITH EQUIPMENT.  
 5. CONTRACTOR TO MAKE ALL ELECTRICAL CONNECTIONS BETWEEN CONTROL PANEL, DISPOSAL 4 SOLENOID VALVE.

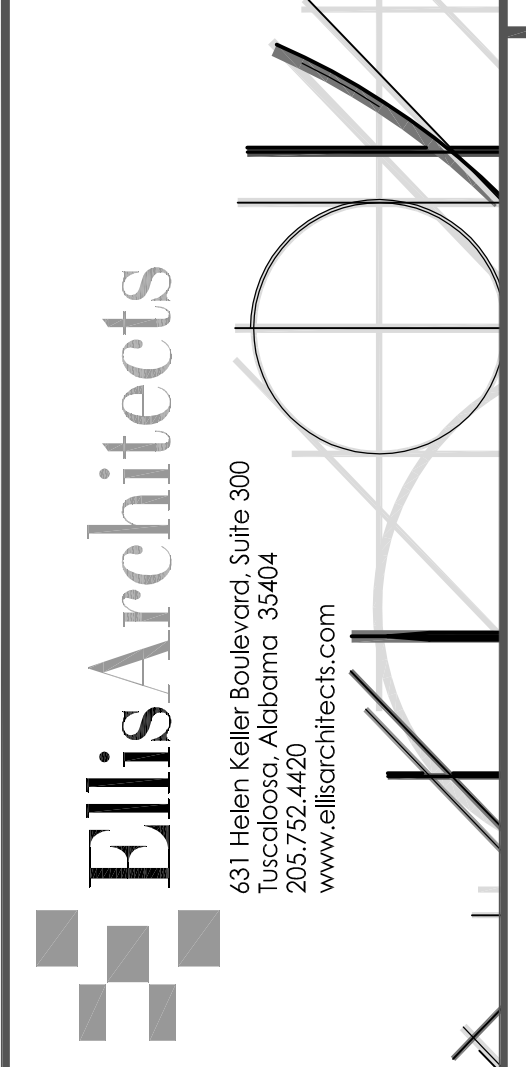
1 KITCHEN EQUIPMENT SCHEDULE  
E1.3 NO SCALE



2 ENLARGED KITCHEN PLAN  
E1.3 1/4" = 1'-0"



R H Smith  
 4 associates p.c.  
 Consulting Engineers  
 210 Eighth Street  
 Tuscaloosa, Alabama 35401  
 Phone/Fax 205 345 4402  
 E-mail info@rhsmithpc.com



New Sorority House For  
 BETA PSI CHAPTER OF  
 DELTA GAMMA  
 THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
 Tuscaloosa, Alabama



Copyright © 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	7-12-11
REV DATE:	
DRAWN BY:	
Kitchen Power Wiring Plan	
SHEET NUMBER	E1.3

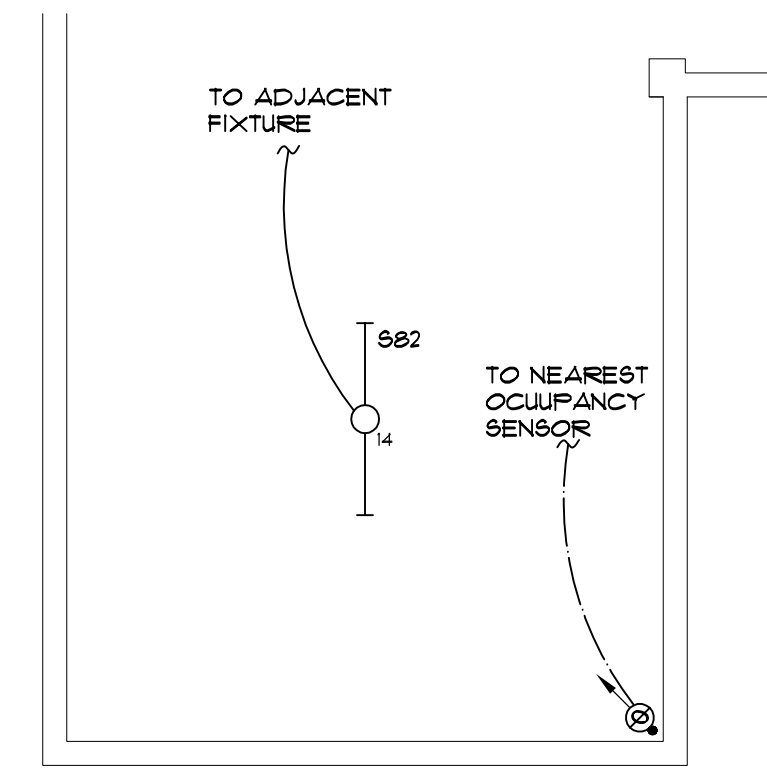


- 1 FIXTURES SWITCHED SEPARATELY
- 2 ZONE A, CENTER LAMP EACH B3 FIXTURE AUTO ON, ZONE B, OUTER LAMPS EACH B3 FIXTURE AND C2 FIXTURES MANUAL ON
- 3 PROGRAM SENSORS FOR AUTO ON
- 4 ZONE A AUTO ON, ZONE B MANUAL ON
- 5 FAN AND LIGHT SWITCH SEPERATELY, MANUAL ON
- 6 ZONE A AUTO ON, ZONES b 4 c MANUAL ON
- 7 FAN AND LIGHT AUTO ON
- 8 J-BOX ABOVE CEILING WITH CIRCUITS #38, 40, 42 FOR FUTURE STAGE LIGHTING.

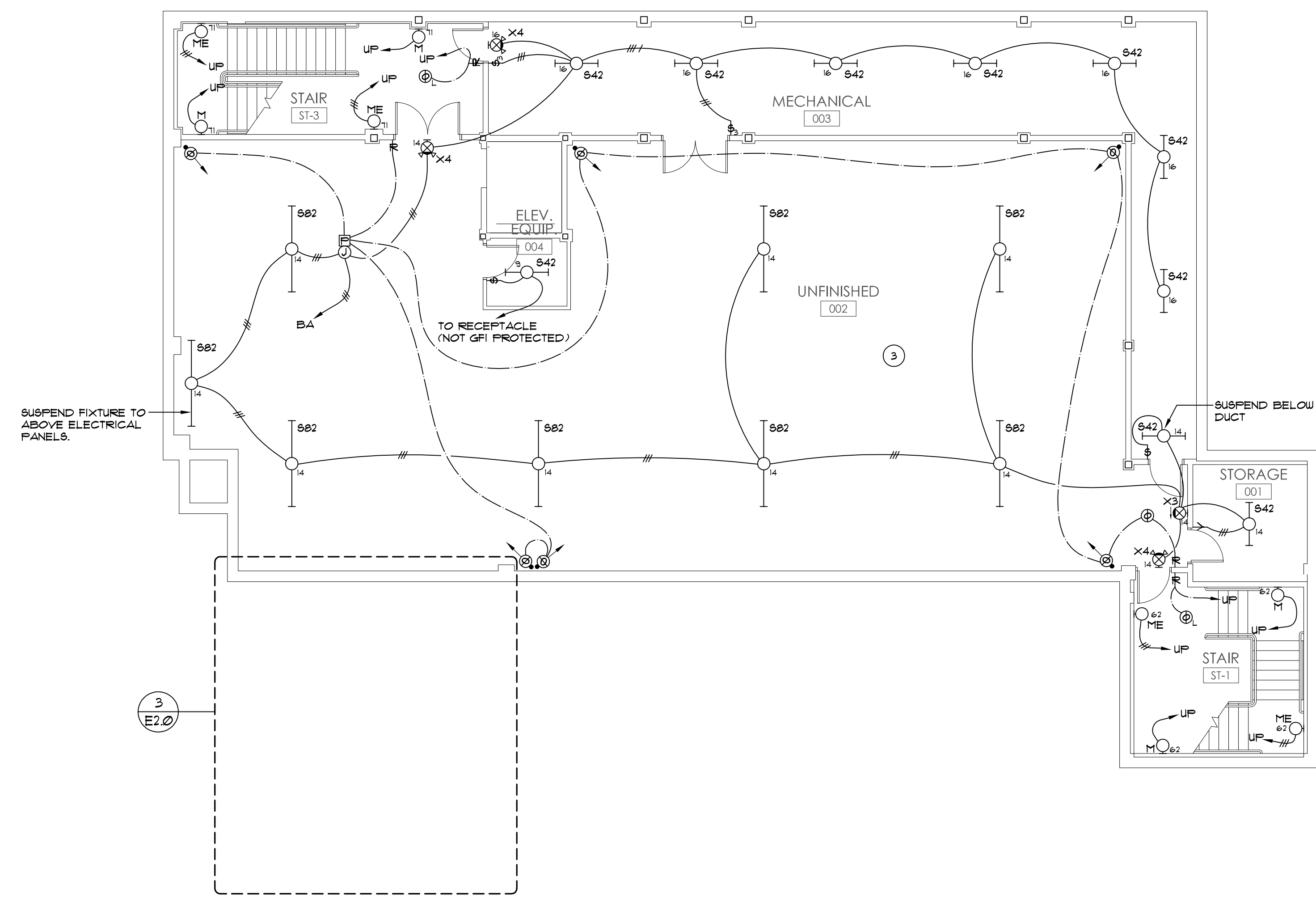
**4**  
E2.0 SPECIFIC NOTES  
NO SCALE

• ALL SENSORS ARE TO BE PROGRAMMED FOR MANUAL ON UNLESS NOTED OTHERWISE

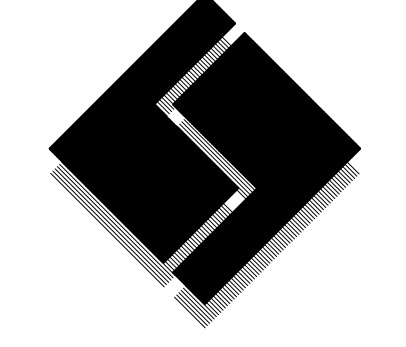
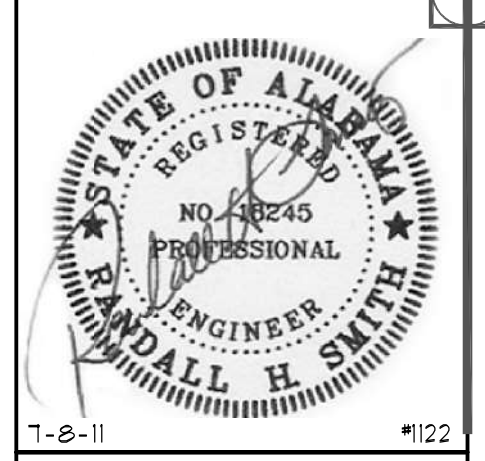
**2**  
E2.0 GENERAL NOTES  
NO SCALE



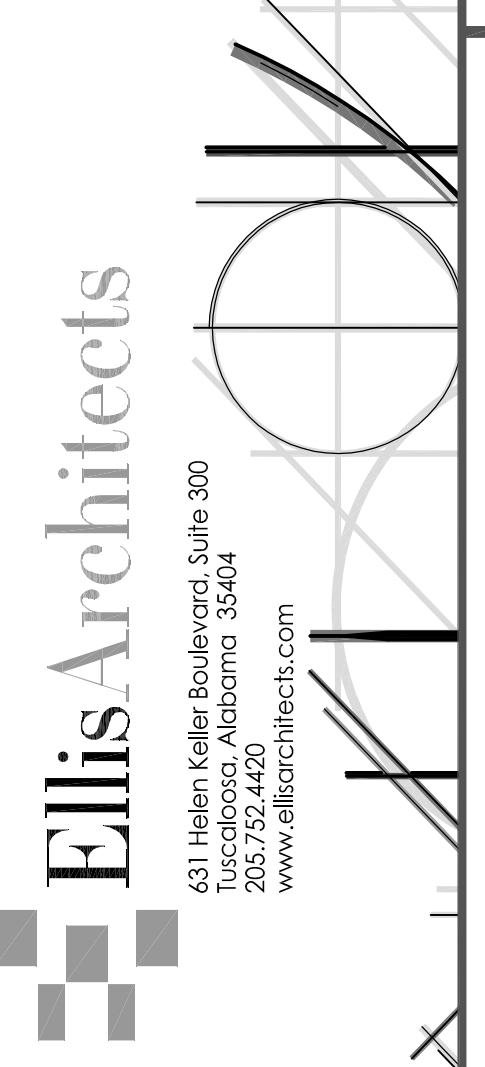
**3**  
E2.0 ALTERNATE (PARTIAL) BASEMENT LIGHTING PLAN  
NO SCALE



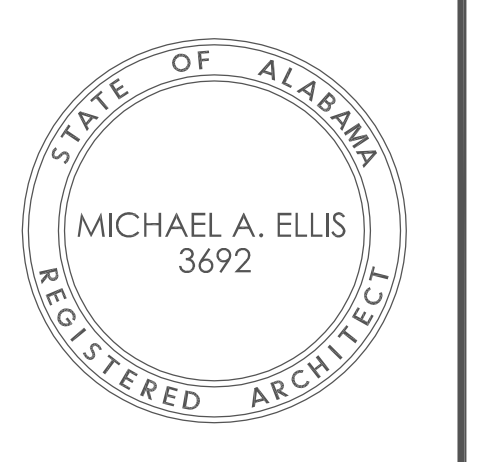
**1**  
E2.0 BASEMENT LIGHTING PLAN  
1/8" = 1'-0"



**R H Smith**  
 & associates p.c.  
 Consulting Engineers  
 ♦  
 210 Eighth Street  
 ♦  
 Tuscaloosa, Alabama 35401  
 ♦  
 Phone/Fax 205 345 4402  
 ♦  
 E-mail info@rhsmithpc.com



New Sorority House For  
**BETA PSI CHAPTER OF  
 DELTA GAMMA**  
 THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
 Tuscaloosa, Alabama



Copyright © 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all  
 intellectual rights and ownership of all  
 information contained on these  
 documents. Ellis Architects, Inc. and  
 its consultants shall be deemed the  
 authors and owners of their  
 respective instruments of Service and  
 shall retain all common law, statutory  
 and other reserved rights, including  
 copyrights. This document shall not  
 be reproduced without the written  
 authorization of Ellis Architects.

Do Not Scale From Drawings.  
 Contractor must verify all dimensions  
 prior to construction.

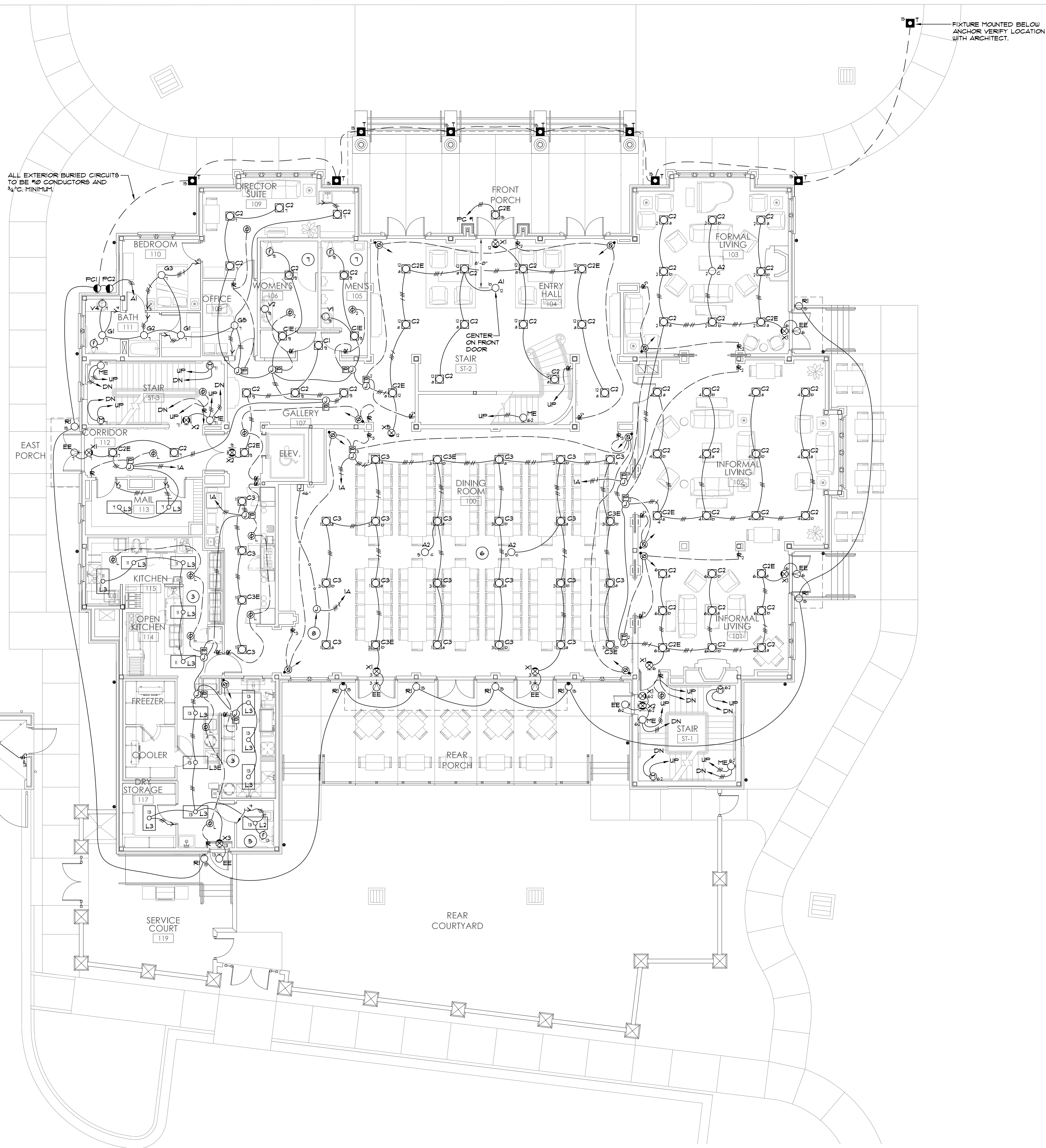
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	
Basement Lighting Plan	
SHEET NUMBER	E2.0

• ALL SENSORS ARE TO BE PROGRAMMED FOR MANUAL ON UNLESS NOTED OTHERWISE

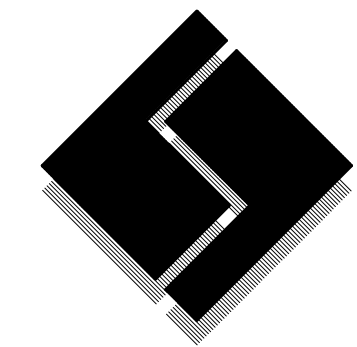
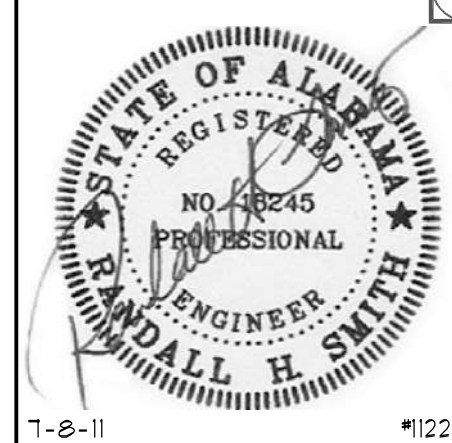
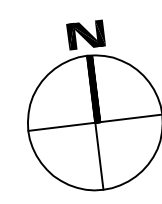
**3**  
E2.1 GENERAL NOTE  
NO SCALE

- 1 FIXTURES SWITCHED SEPARATELY
- 2 ZONE a, CENTER LAMP EACH B3 FIXTURE AUTO ON, ZONE b, OUTER LAMP EACH B3 FIXTURE AND C2 FIXTURES MANUAL ON
- 3 PROGRAM SENSORS FOR AUTO ON
- 4 ZONE a AUTO ON, ZONE b MANUAL ON
- 5 FAN AND LIGHT SWITCH SEPERATELY, MANUAL ON
- 6 ZONE a AUTO ON, ZONES b & c MANUAL ON
- 7 FAN AND LIGHT AUTO ON
- 8 J-BOX ABOVE CEILING WITH CIRCUITS #8, 40, 42 FOR FUTURE STAGE LIGHTING

**2**  
E2.1 SPECIFIC NOTES  
NO SCALE

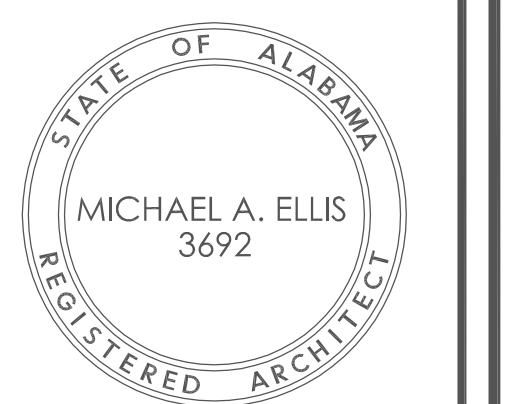


**1**  
E2.1 FIRST FLOOR LIGHTING PLAN  
1/8" = 1'-0"



**R H Smith**  
4 associates p.c.  
Consulting Engineers  
210 Eighth Street  
Tuscaloosa, Alabama 35401  
Phone/Fax 205 345 4402  
E-mail info@rhsmithpc.com

New Sorority House For  
**BETA PSI CHAPTER OF  
DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

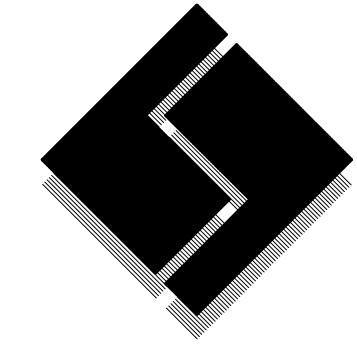
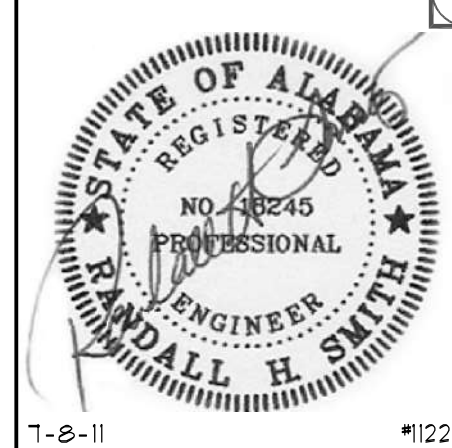
JOB No.	11006
DATE:	7-12-11
REV DATE:	
DRAWN BY:	
First Floor Lighting Plan	
SHEET NUMBER	E2.1

• ALL SENSORS ARE TO BE PROGRAMMED FOR MANUAL ON UNLESS NOTED OTHERWISE

**4** GENERAL NOTE  
E2.2 NO SCALE

- 1 FIXTURES SWITCHED SEPARATELY
- 2 ZONE a, CENTER LAMP EACH B3 FIXTURE AUTO ON, ZONE b, OUTER LAMPS EACH B3 FIXTURE AND C2 FIXTURES MANUAL ON
- 3 PROGRAM SENSORS FOR AUTO ON
- 4 ZONE a AUTO ON, ZONE b MANUAL ON
- 5 FAN AND LIGHT SWITCH SEPERATELY, MANUAL ON
- 6 ZONE a AUTO ON, ZONES b + c MANUAL ON
- 7 FAN AND LIGHT AUTO ON
- 8 J-BOX ABOVE CEILING WITH CIRCUITS #38, 40, 42 FOR FUTURE STAGE LIGHTING.

**3** SPECIFIC NOTES  
E2.2 NO SCALE



**R H Smith**  
4 associates p.c.  
Consulting Engineers

2102 Eighth Street  
Tuscaloosa, Alabama 35401  
Phone/Fax 205 345 4402  
E-mail info@rhsmithpc.com

**Ellis Architects**  
431 Helen Keller Boulevard, Suite 300  
Tuscaloosa, Alabama 35404  
www.ellisarchitects.com

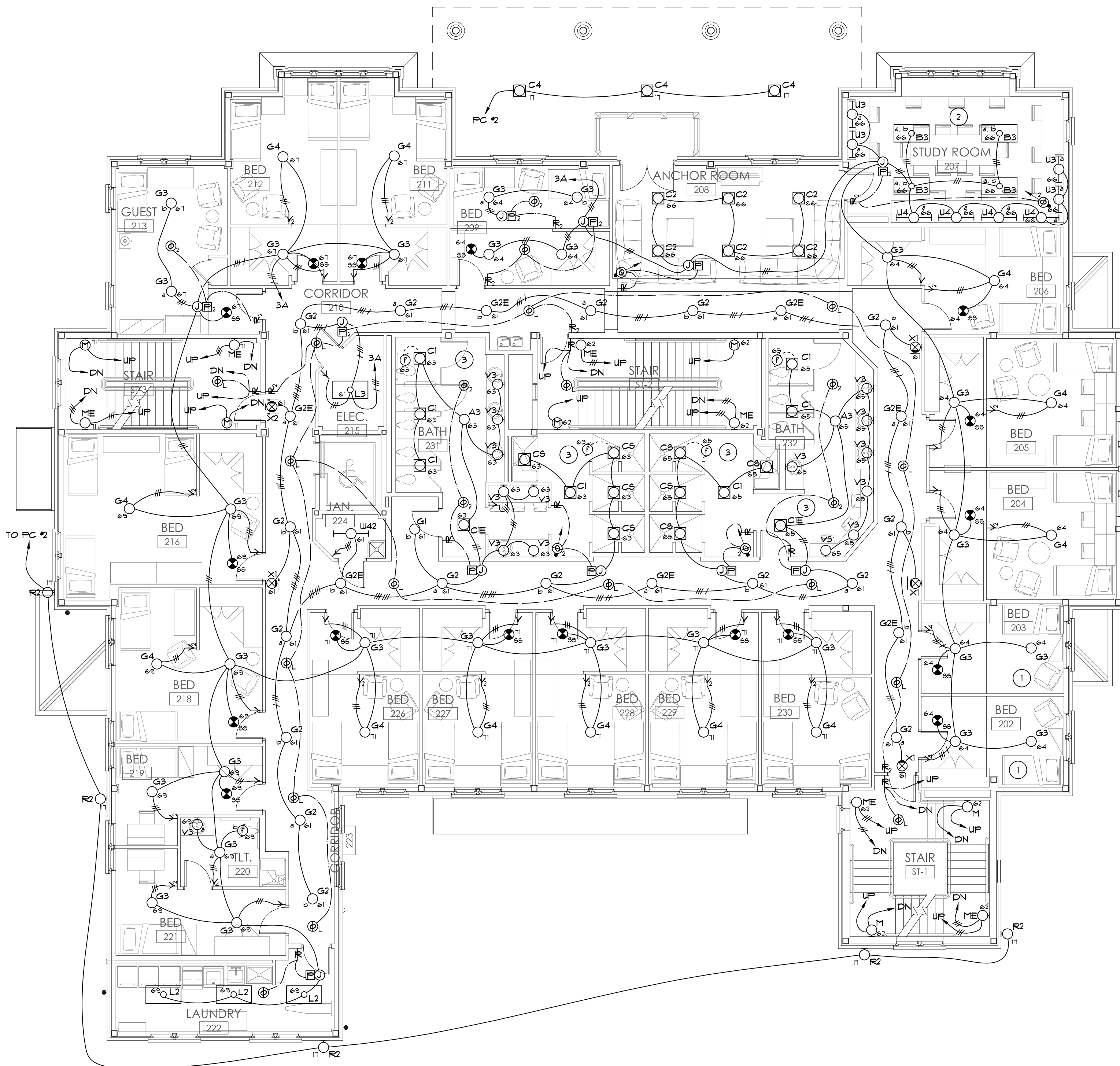
New Sorority House For  
**BETA PSI CHAPTER OF  
DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



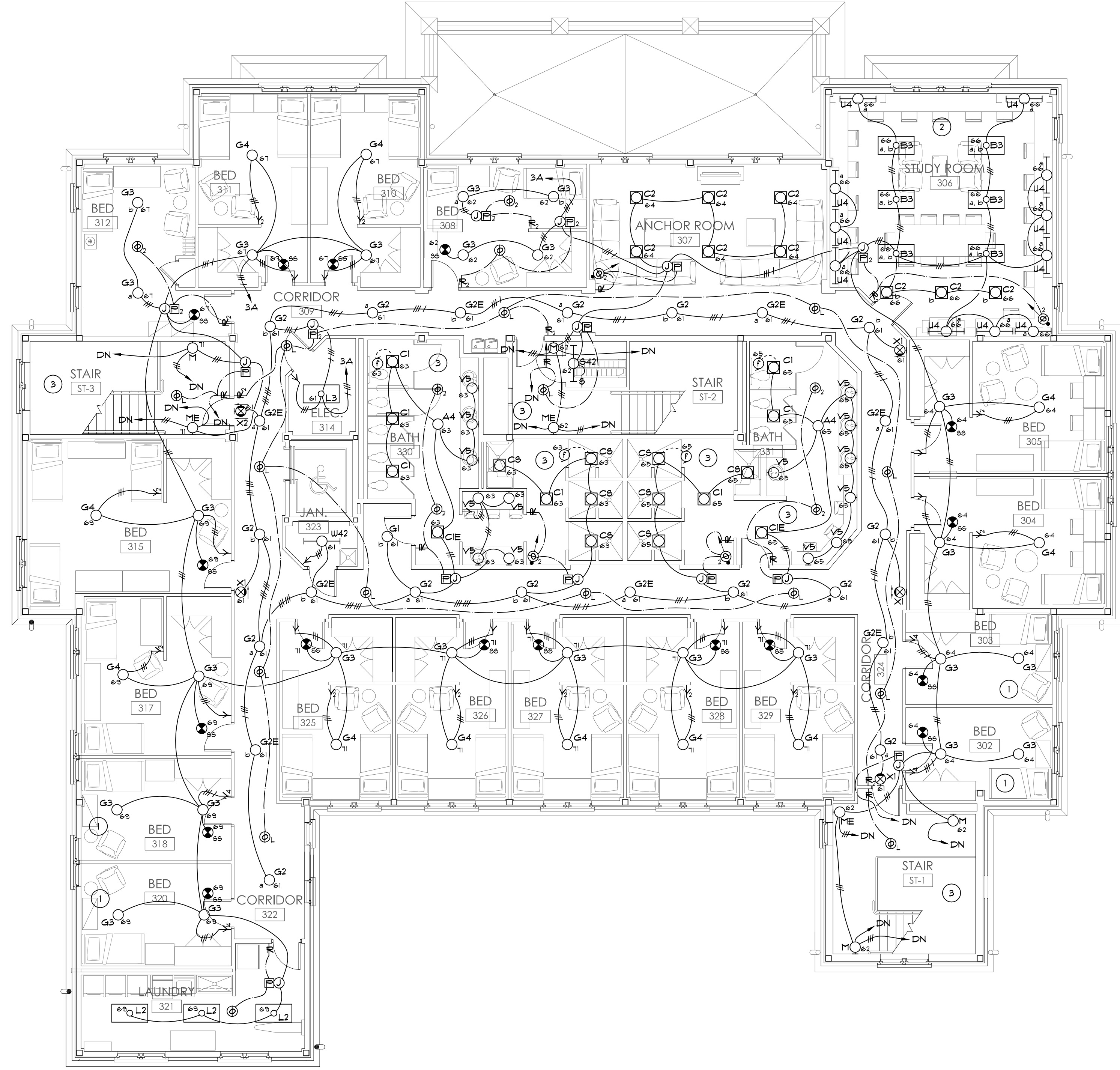
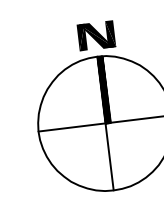
Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

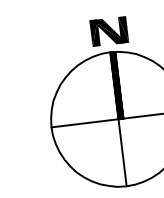
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	
Second & Third Floor Lighting Plan	
SHEET NUMBER	E2.2



**1** SECOND FLOOR LIGHTING PLAN  
E2.2 1/8" = 1'-0"



**2** THIRD FLOOR LIGHTING PLAN  
E2.2 1/8" = 1'-0"

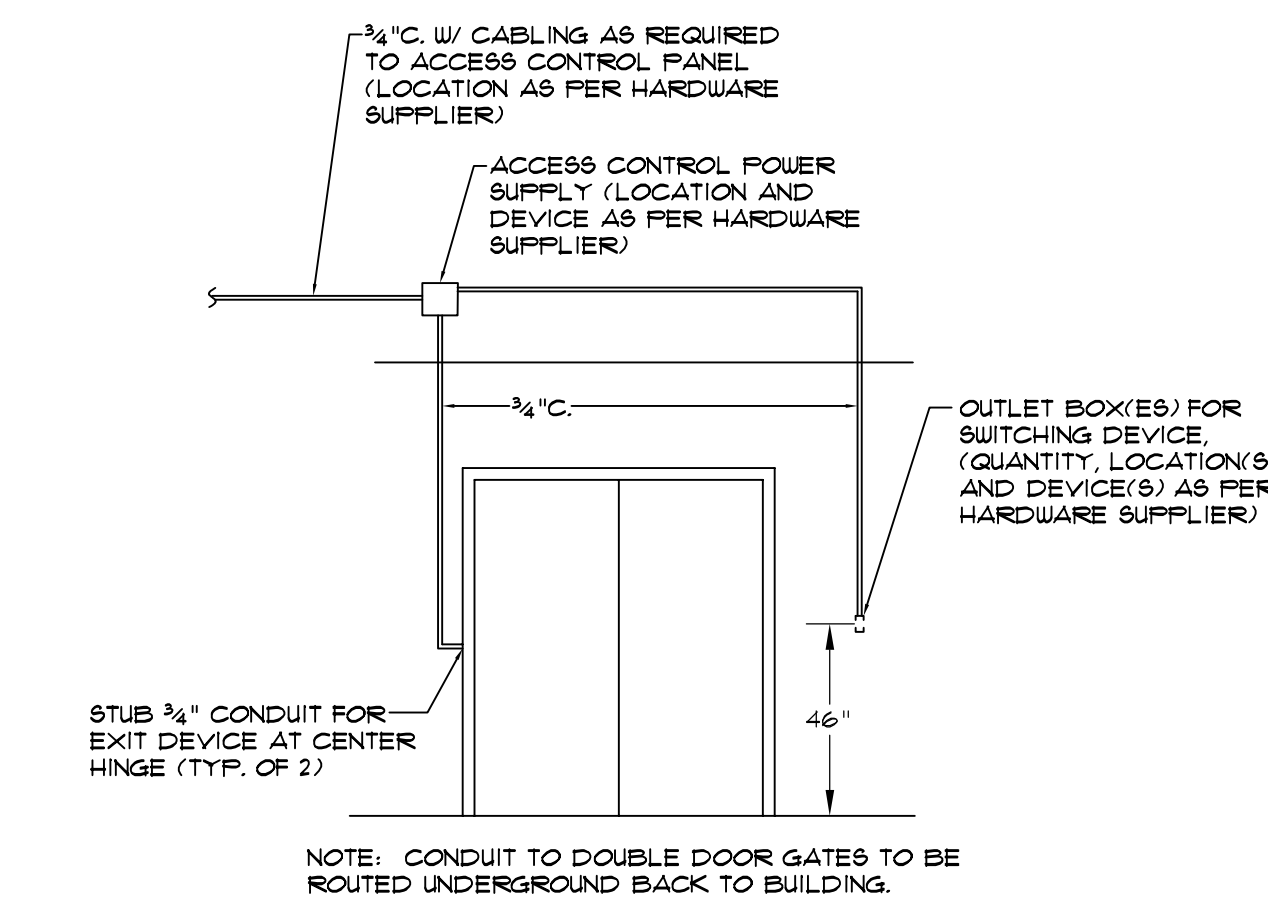
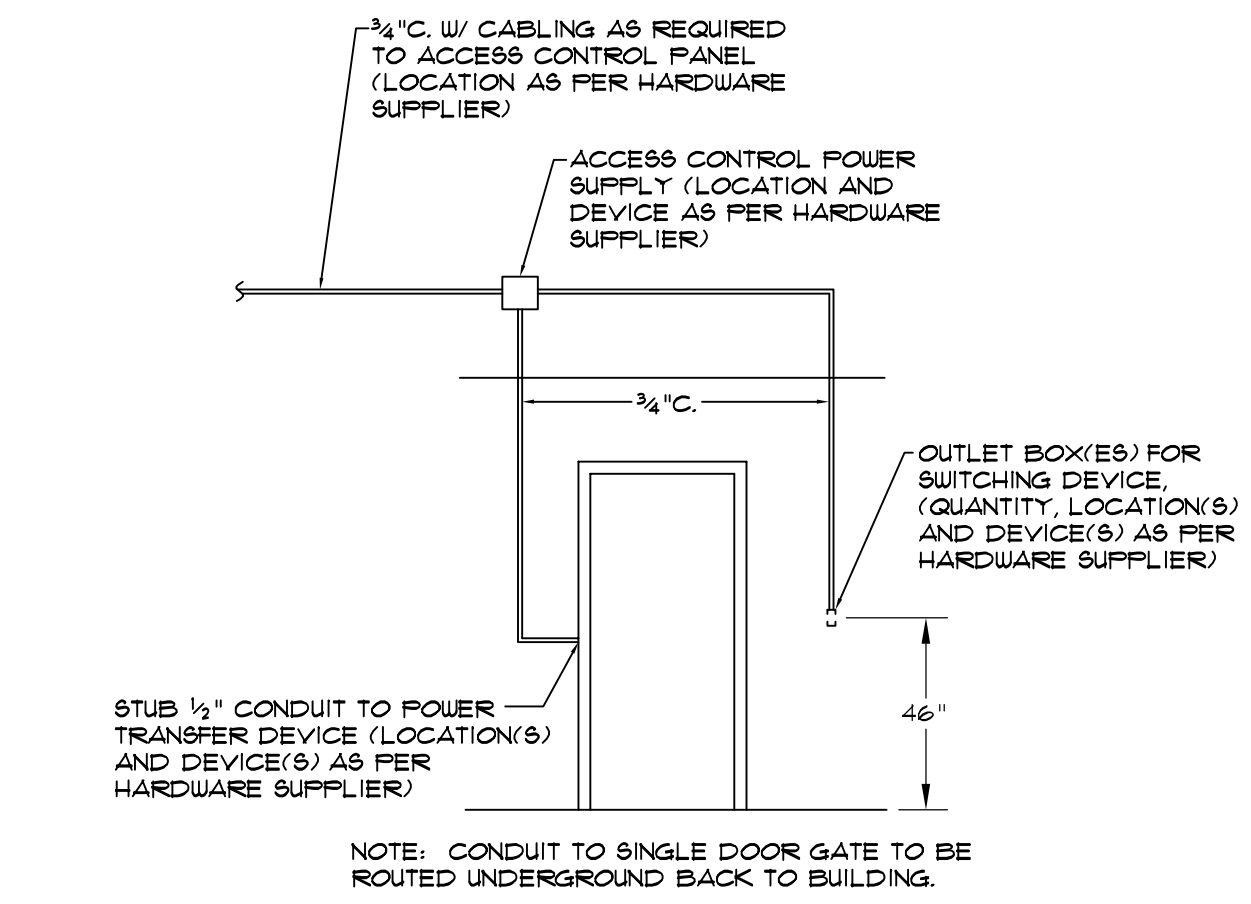


- 1 COMMUNICATIONS BACKBOARD (CBB): 1/4" PLYWOOD, 36" HIGH ENTIRE WIDTH OF WALL.
- 2 SINGLE DOOR ACCESS CONTROL LOCATION, SEE SINGLE DOOR ACCESS CONTROL DETAIL.
- 3 DOUBLE DOOR ACCESS CONTROL LOCATION, SEE DOUBLE DOOR ACCESS CONTROL DETAIL.
- 4 SINGLE DOOR GATE ACCESS CONTROL LOCATION, SEE SINGLE DOOR ACCESS CONTROL DETAIL.
- 5 DOUBLE DOOR GATE ACCESS CONTROL LOCATION, SEE DOUBLE DOOR ACCESS CONTROL DETAIL.
- 6 1/4" TO UPPER WALL COMMUNICATIONS OUTLET.
- 7 FOR HVAC CONTROLS. COORDINATE LOCATION WITH HVAC CONTRACTOR.
- 8 TELCOM HANDHOLE BOX, HUBBELL #G3660BA36 W/ #G3660HH02 COVER LABELLED COMMUNICATIONS.

- FURNISH AND INSTALL PROVISIONS FOR (6) SECURITY CAMERA LOCATIONS, INCLUDING OUTLETS AND UP TO 100' OF 1/2" C. FROM EACH OUTLET TO 'CBB' IN ELEC. 215. LOCATION OF CAMERA OUTLETS AS PER OWNER.

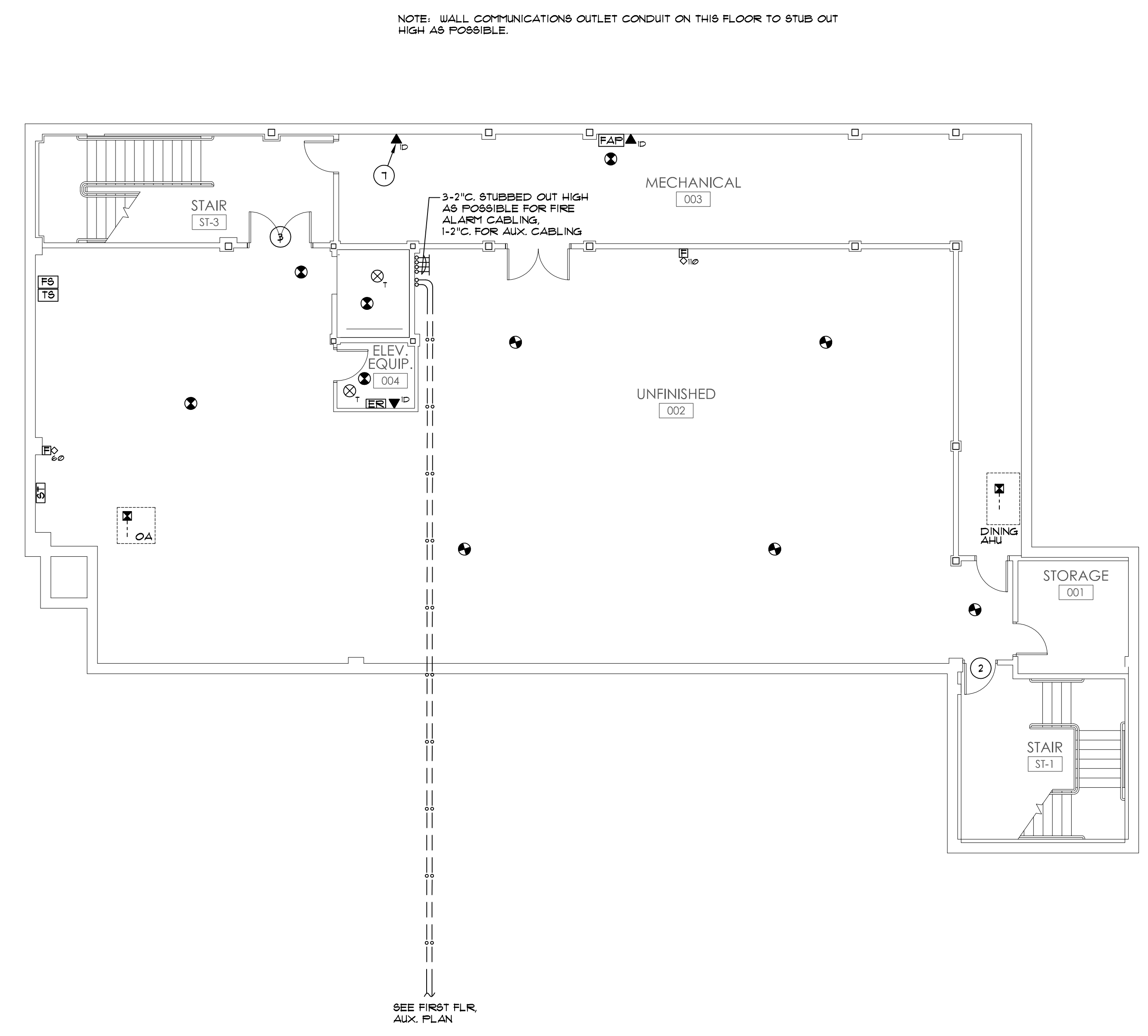
**5** SPECIFIC NOTES  
E3.0 NO SCALE

**6** GENERAL NOTE  
E3.0 NO SCALE

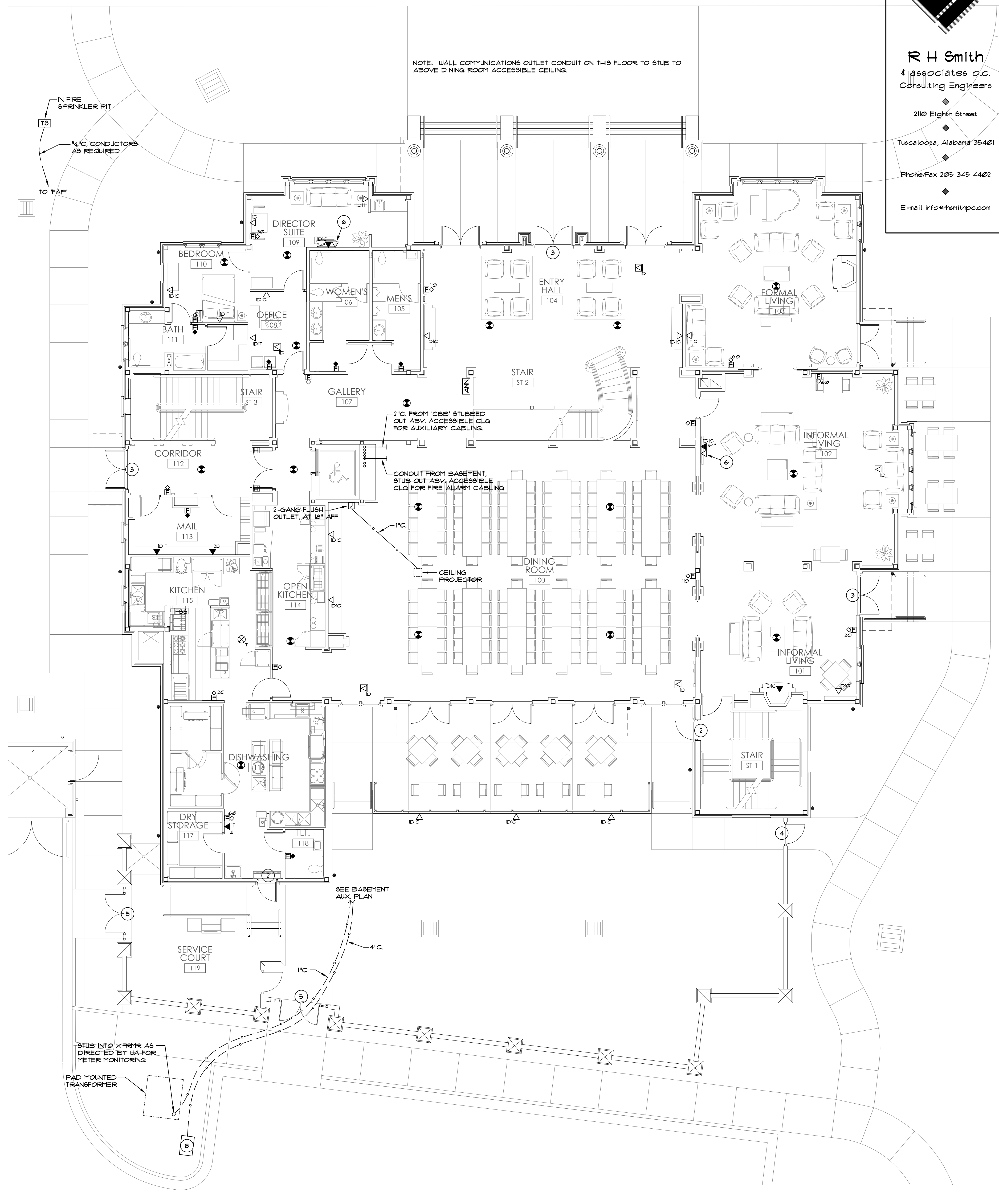


**3** SINGLE DOOR GATE ACCESS CONTROL DETAIL  
E3.0 NOT TO SCALE

**4** DOUBLE DOOR GATE ACCESS CONTROL DETAIL  
E3.0 NOT TO SCALE



**1** BASEMENT AUXILIARY PLAN  
E3.0 1/8" = 1'-0"



**2** FIRST FLOOR AUXILIARY PLAN  
E3.0 1/8" = 1'-0"

STATE OF ALABAMA  
REGISTERED PROFESSIONAL ENGINEER  
MICHAEL A. ELLIS  
NO. 3692

**R H Smith**  
4 associates p.c.  
Consulting Engineers  
2102 Eighth Street  
Tuscaloosa, Alabama 35401  
Phone/Fax: 205 345 4402  
E-mail: info@rhsmithpc.com

**Ellis Architects**  
631 Helen Keller Boulevard, Suite 300  
Tuscaloosa, Alabama 35404  
www.ellisarchitects.com

New Sorority House For  
**BETA PSI CHAPTER OF DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama

STATE OF ALABAMA  
REGISTERED ARCHITECT  
MICHAEL A. ELLIS  
3692

Copyright © 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

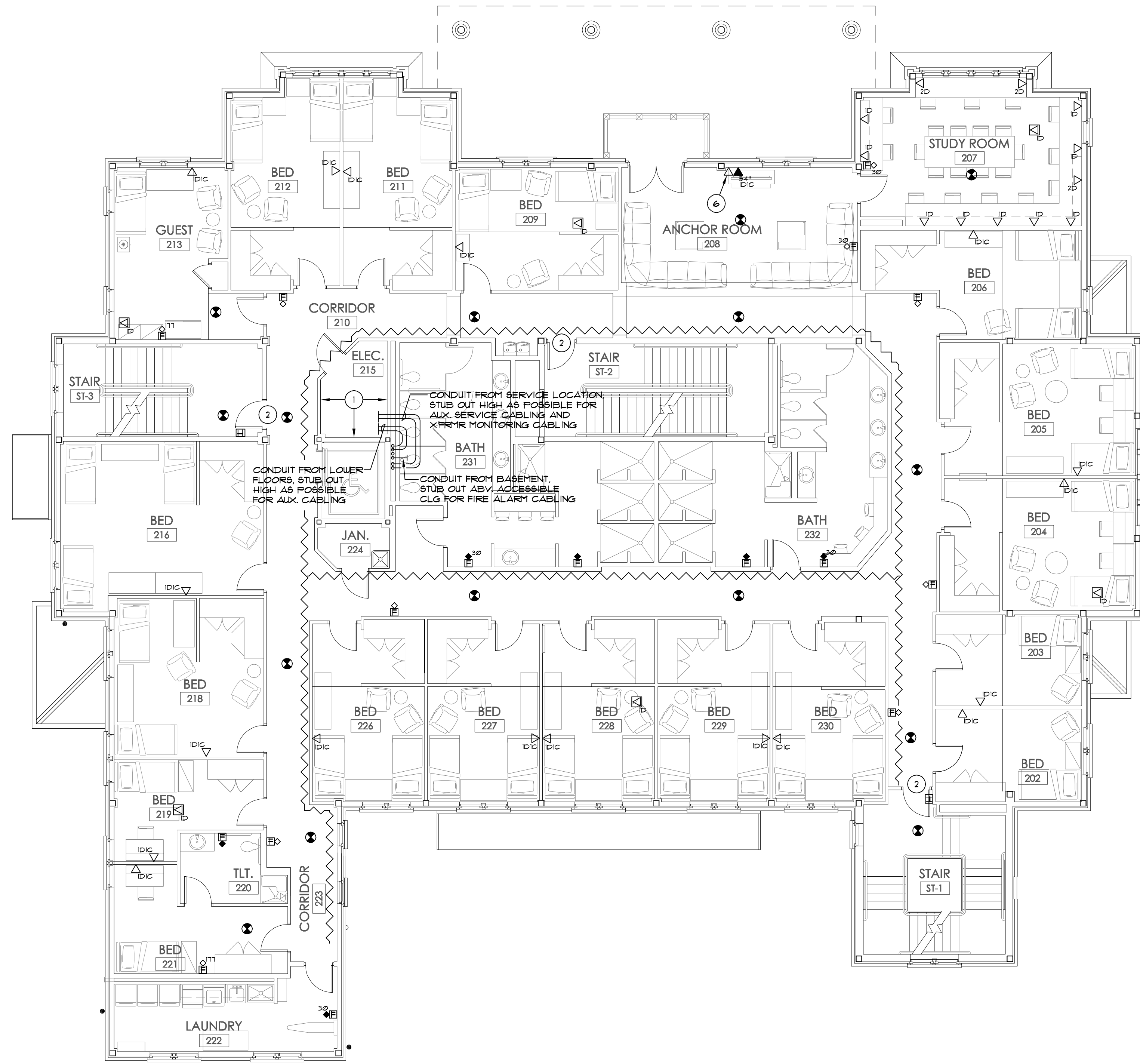
Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	7-12-11
REV DATE:	
DRAWN BY:	
Basement & 1st Floor Auxiliary Plan	
SHEET NUMBER	E3.0

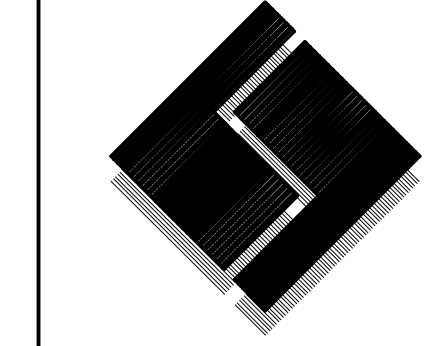
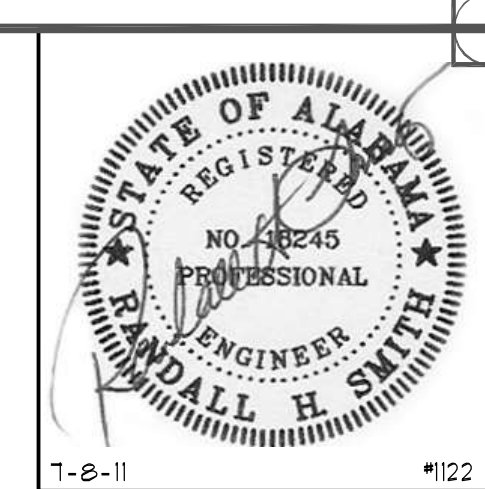
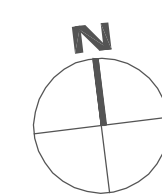
- 1 COMMUNICATIONS BACKBOARD (CBB) 1/4" PLYWOOD, 96" HIGH, ENTIRE WIDTH OF WALL.
- 2 SINGLE DOOR ACCESS CONTROL LOCATION, SEE SINGLE DOOR ACCESS CONTROL DETAIL.
- 3 DOUBLE DOOR ACCESS CONTROL LOCATION, SEE DOUBLE DOOR ACCESS CONTROL DETAIL.
- 4 SINGLE DOOR GATE ACCESS CONTROL LOCATION, SEE SINGLE DOOR ACCESS CONTROL DETAIL.
- 5 DOUBLE DOOR GATE ACCESS CONTROL LOCATION, SEE DOUBLE DOOR ACCESS CONTROL DETAIL.
- 6 1" C. TO UPPER WALL COMMUNICATIONS OUTLET.
- 7 FOR HVAC CONTROLS. COORDINATE LOCATION WITH HVAC CONTRACTOR.
- 8 TELCOM HANDHOLE BOX, HUBBELL #FG366@BA36 W/ #FG366@H400 COVER LABELLED "COMMUNICATIONS".

**3** SPECIFIC NOTES  
E3.1 NO SCALE

NOTE: WALL COMMUNICATIONS OUTLET CONDUIT ON THIS FLOOR TO STUB TO ABOVE CORRIDOR ACCESSIBLE CEILING.



**1** SECOND FLOOR AUXILIARY PLAN  
E3.1 1/8" = 1'-0"

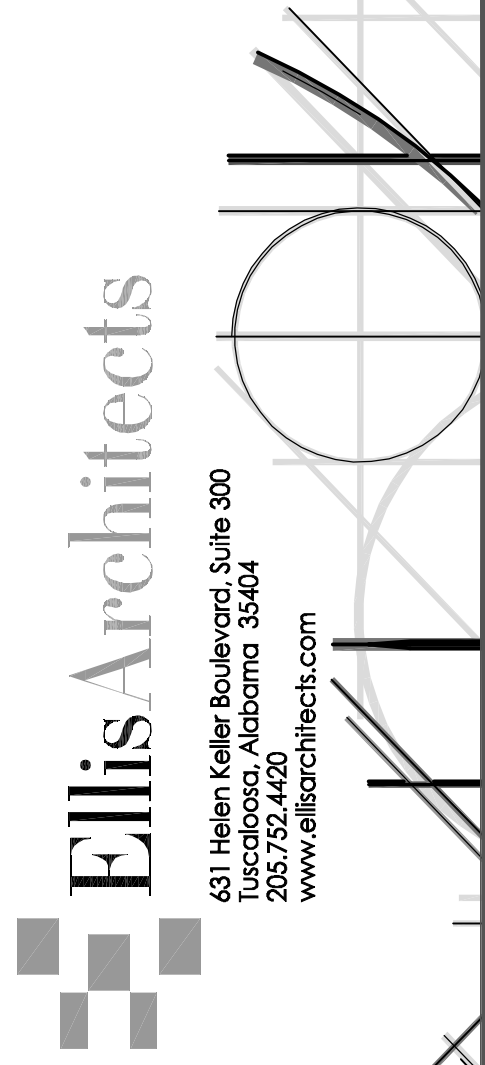


**R H Smith**  
4 associates p.c.  
Consulting Engineers

210 Eighth Street  
Tuscaloosa, Alabama 35401

Phone/Fax 205 345 4402

E-mail info@rhsmithpc.com



New Sorority House For  
**BETA PSI CHAPTER OF  
DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



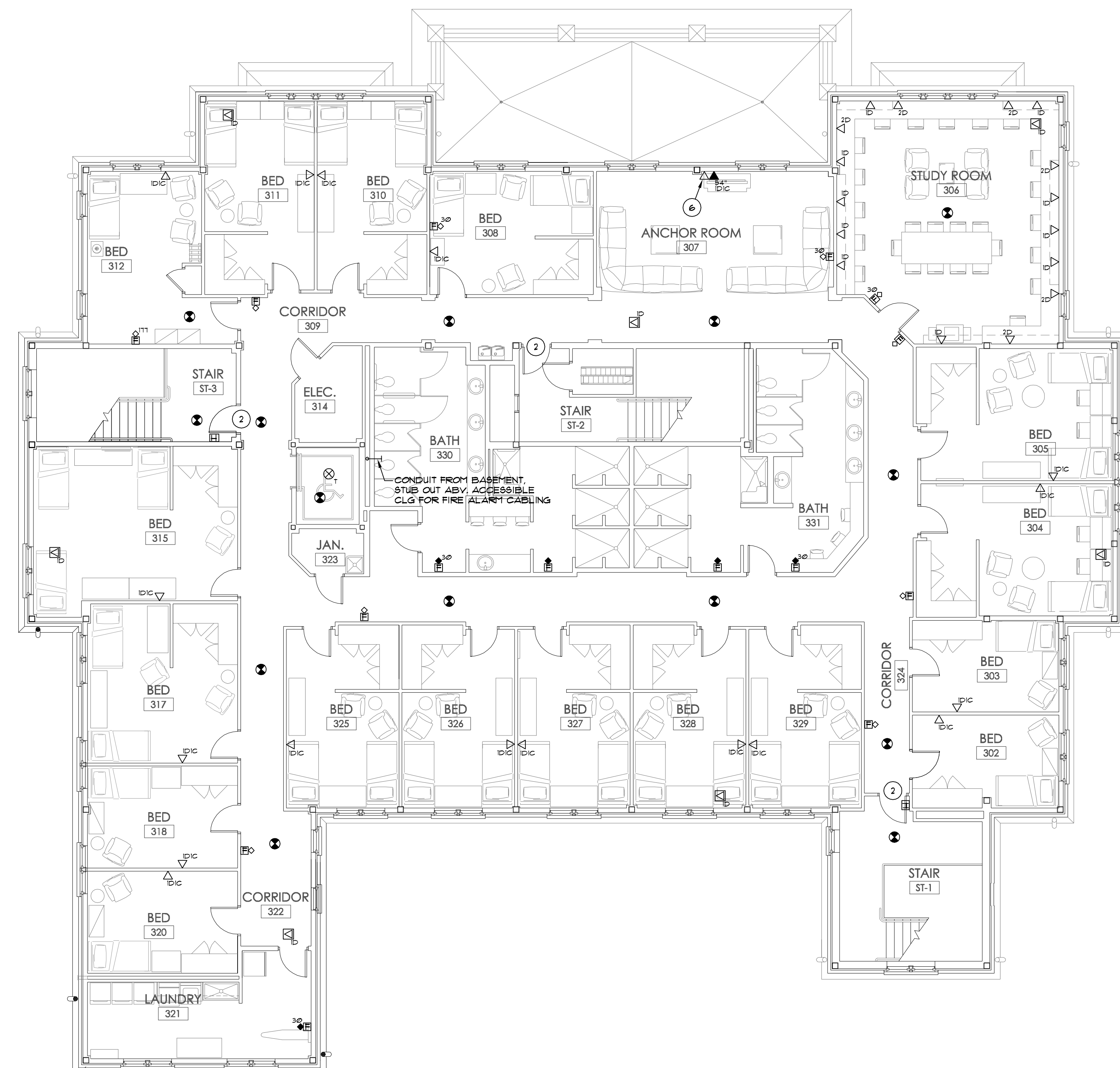
Copyright 2011  
Ellis Architects, Inc.

Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

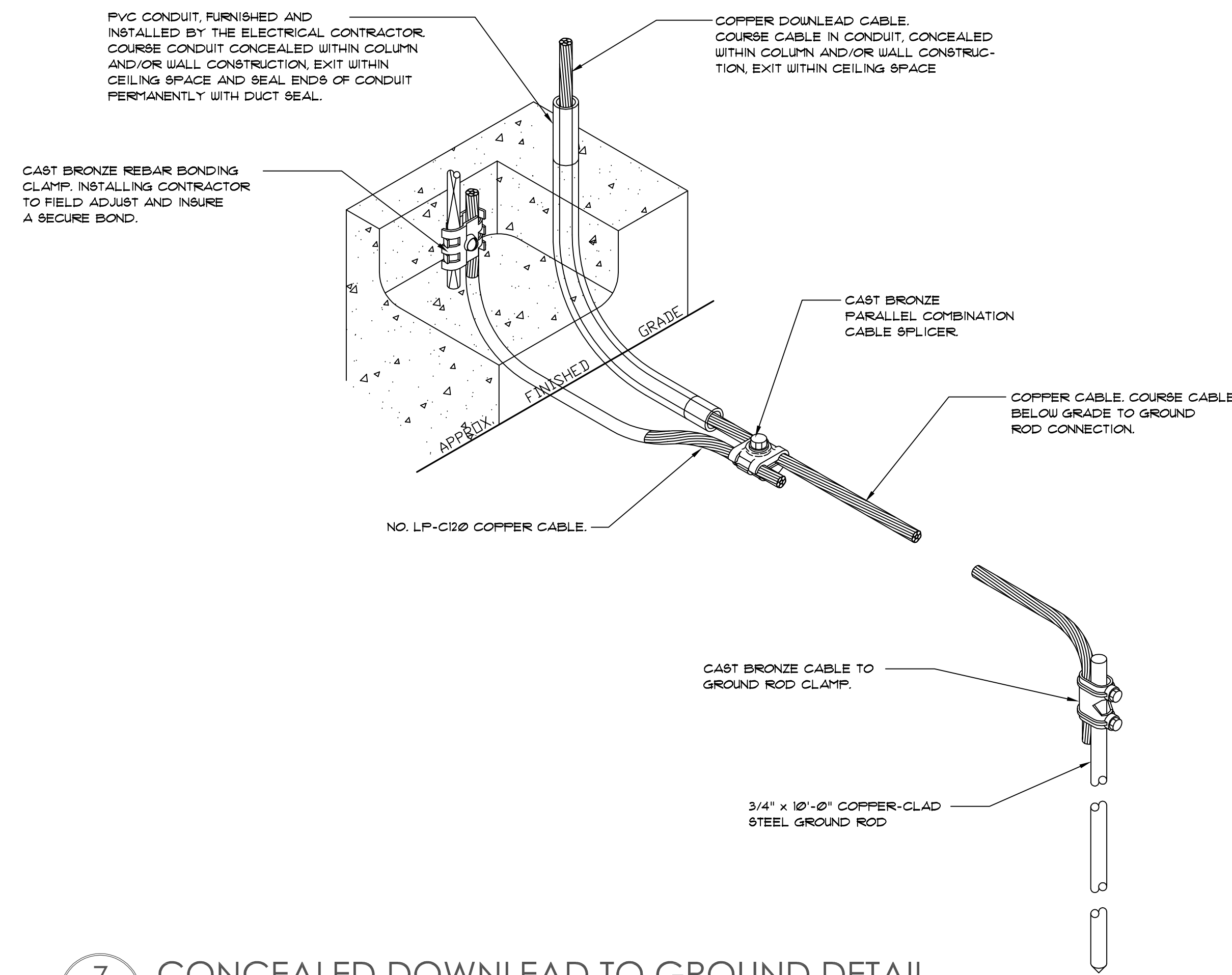
JOB No.	11006
DATE:	REV DATE:
7-12-11	
DRAWN BY:	
2nd & 3rd Floor Auxiliary Plans	
SHEET NUMBER	E3.1

NOTE: WALL COMMUNICATIONS OUTLET CONDUIT ON THIS FLOOR TO STUB BELOW FLOOR TO ABOVE SECOND FLOOR CORRIDOR ACCESSIBLE CEILING.

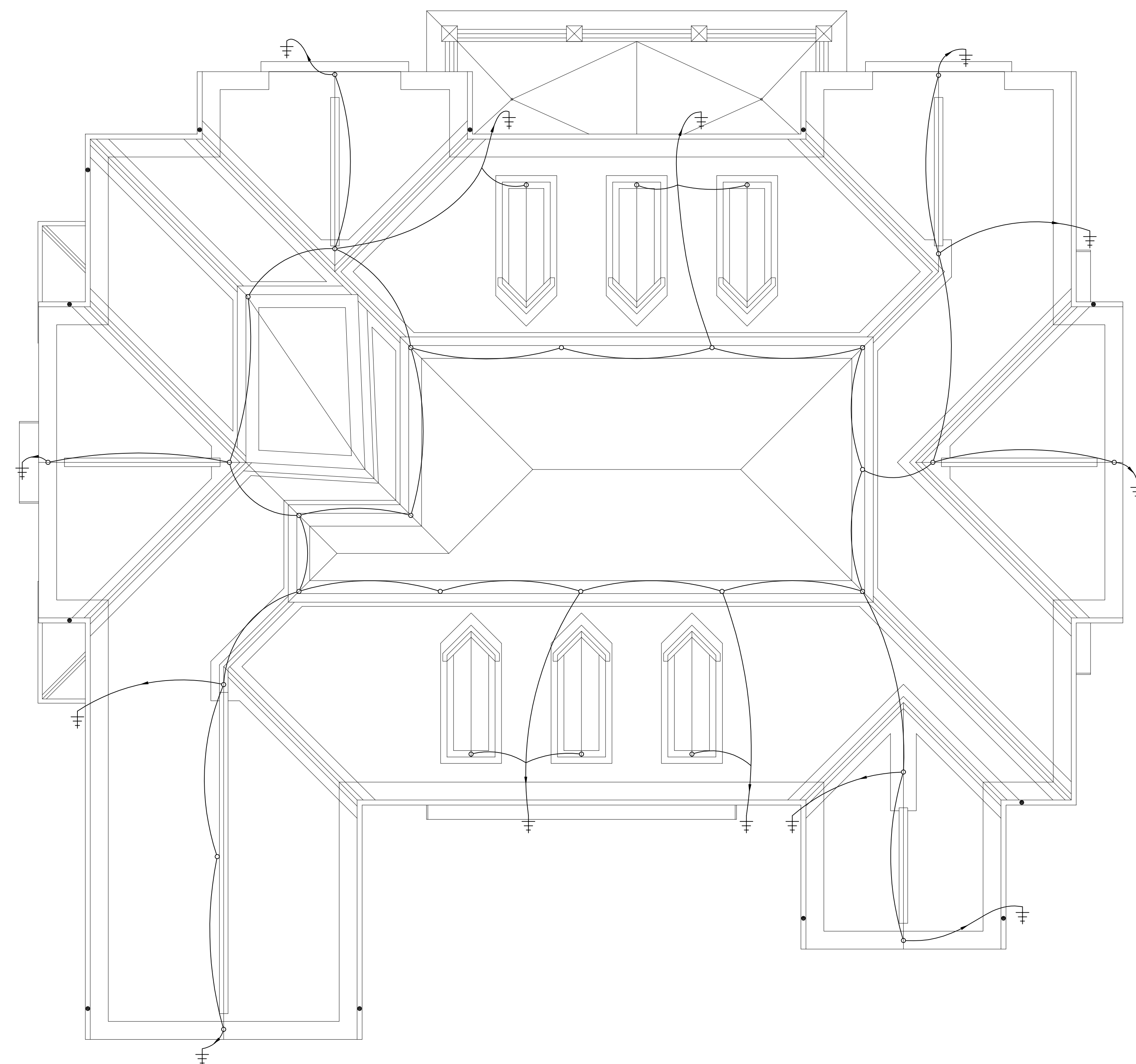


**2** THIRD FLOOR AUXILIARY PLAN  
E3.1 1/8" = 1'-0"

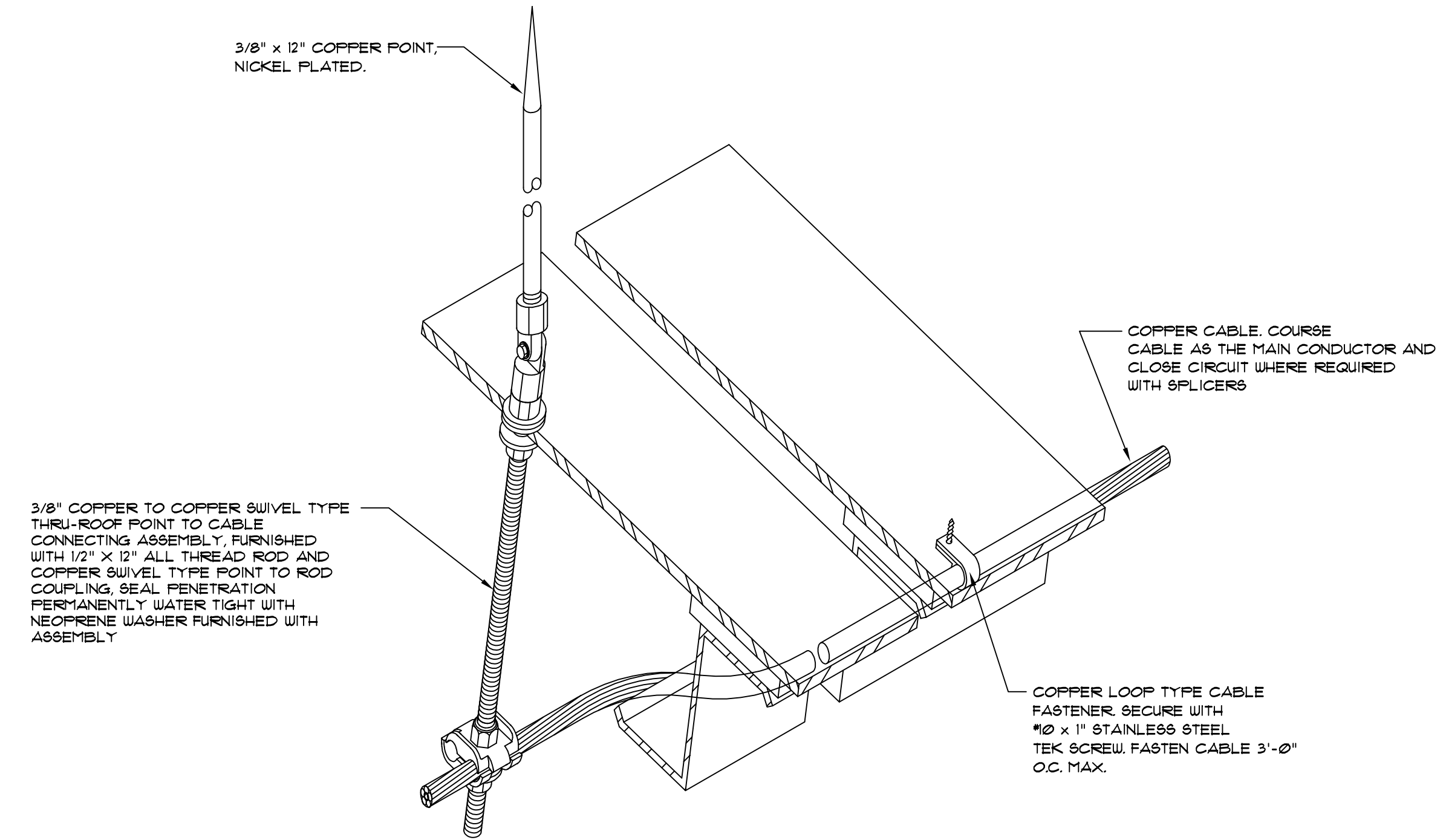




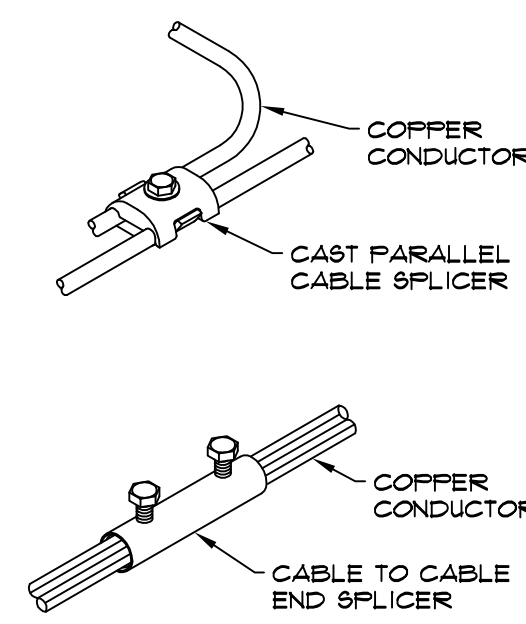
7 CONCEALED DOWNLEAD TO GROUND DETAIL  
E4.0 N.T.S.



1 LIGHTNING PROTECTION PLAN  
E4.0 1/8" = 1'-0"

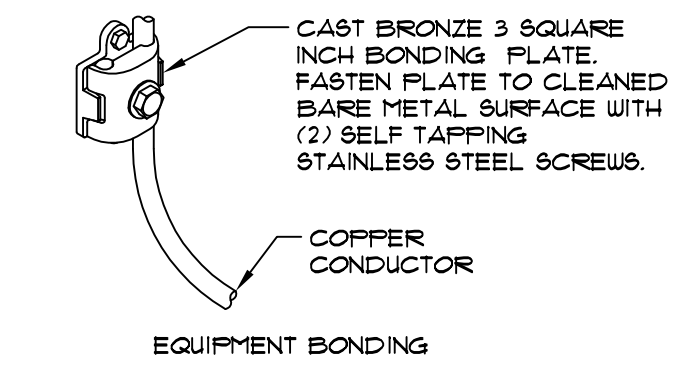
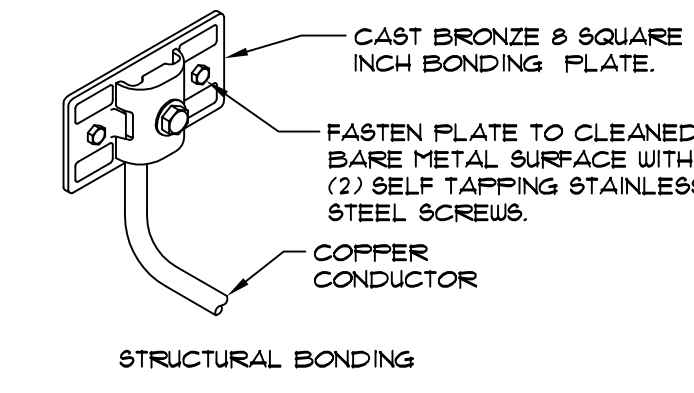


8 THRU ROOF AIR TERMINAL DETAIL  
E4.0 N.T.S.

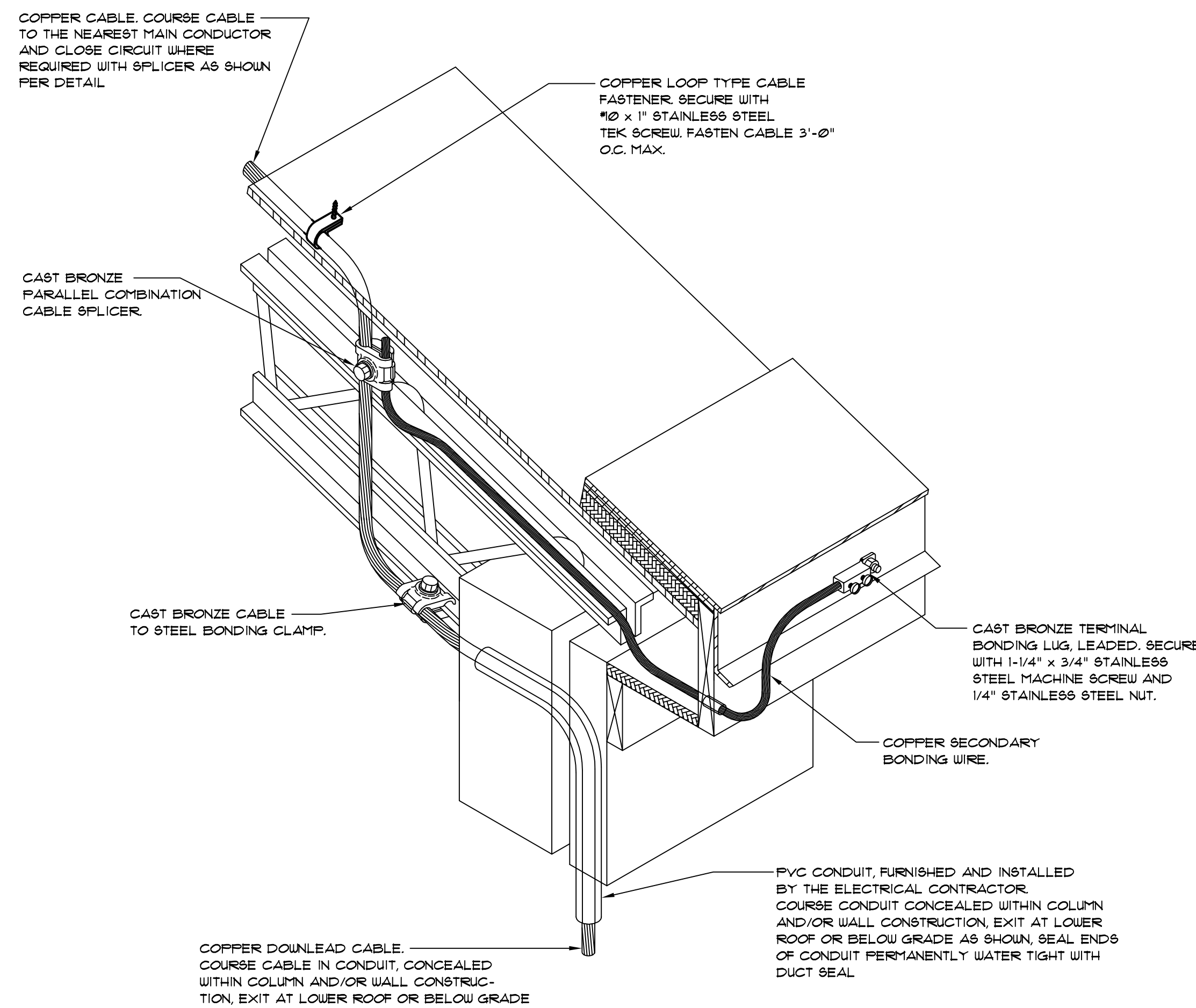
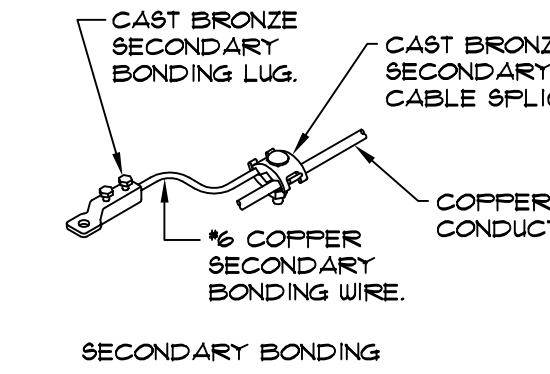
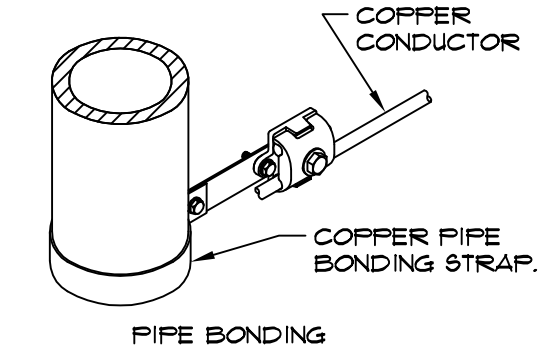


NOTES:  
 • MATERIAL COMPATIBILITY SHALL CONFORM TO NFPA 780 & 96A REQUIREMENTS.  
 • NO BEND OF CONDUCTOR SHALL FORM A FINAL INCLUDED ANGLE OF LESS THAN 90° NOR SHALL THERE BE A BEND RADIUS LESS THAN 8".

5 SPLICE DETAILS  
E4.0 N.T.S.



6 BONDING DETAILS  
E4.0 N.T.S.



4 LEGEND  
E4.0 NO SCALE

• CONTRACTOR TO DESIGN AND INSTALL FULL NFPA 780 LPI-11B, AND UL-96A COMPLIANT LIGHTNING PROTECTION SYSTEM.

3 GENERAL NOTE  
E4.0 NO SCALE

2 CONCEALED DOWNLEAD DETAIL  
E4.0 N.T.S.

STATE OF ALABAMA  
 REG. NO. 3692  
 PROFESSIONAL ARCHITECT  
 MICHAEL A. ELLIS

7-8-11 #102

**R H Smith**  
 & associates p.c.  
 Consulting Engineers

2108 Eighth Street  
 Tuscaloosa, Alabama 35401

Phone/Fax: 205 345 4402

E-mail: info@rhsmithpc.com

Ellis Architects

631 Helen Keller Boulevard, Suite 300  
 Tuscaloosa, Alabama 35404  
 205.752.4420  
 www.ellisarchitects.com

New Sorority House For  
 BETA PSI CHAPTER OF  
**DELTA GAMMA**  
 THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
 Tuscaloosa, Alabama

STATE OF ALABAMA  
 REGISTERED ARCHITECT  
 MICHAEL A. ELLIS  
 3692

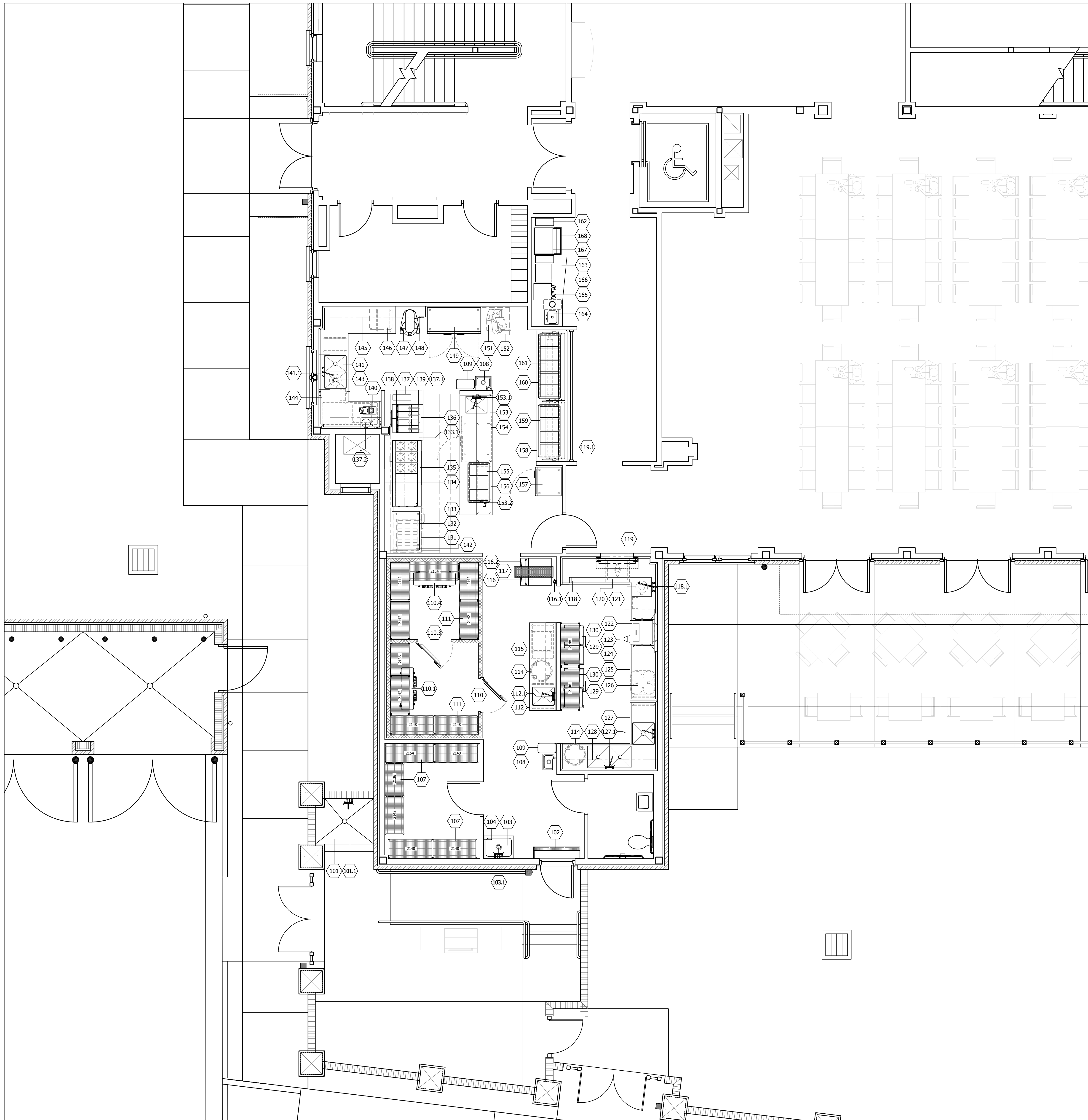
Copyright © 2011  
 Ellis Architects, Inc.

Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.

Contractor must verify all dimensions prior to construction.

JOB No. 11006  
 DATE: 7-12-11 REV DATE:  
 DRAWN BY: Lee  
 Lighting Protection Plan  
 SHEET NUMBER E4.0

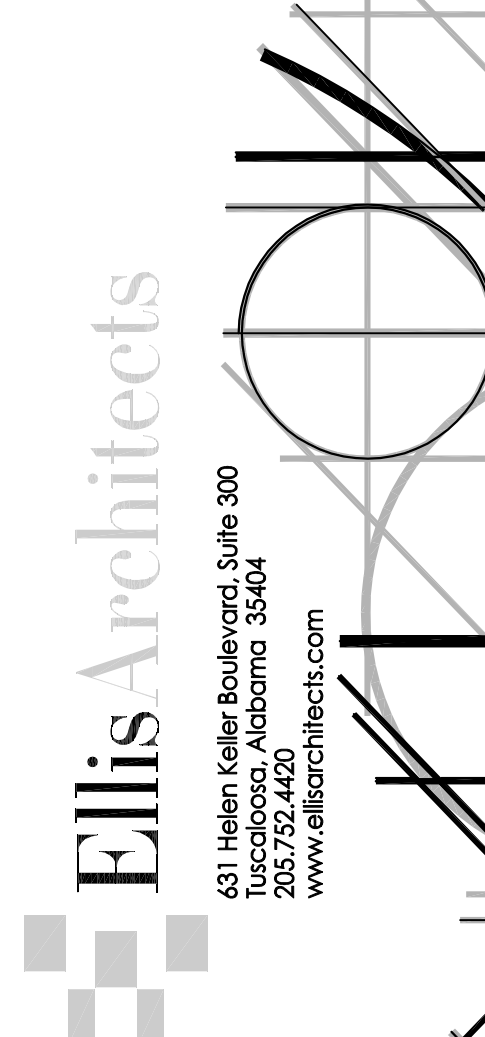


EQUIPMENT SCHEDULE					
ITEM NO	QTY	EQUIPMENT CATEGORY	MANUFACTURER	MODEL NUMBER	EQUIPMENT REMARKS
101	1	CAN WASH			BY G.C.
101.1	1	FAUCET, SERVICE SINK	T & S BRASS	B-0655-BSTP	BY KEC
102	1	AIR CURTAIN, UNHEATED	BERNER	ASR108A	BY KEC
103	1	SINK, MOP	ADVANCE TABCO	9-0P-48	BY KEC
103.1	1	FAUCET, SERVICE SINK	T & S BRASS	B-0655-BSTP	BY KEC
104	1	MOP RACK	ADVANCE TABCO	K-242	BY KEC
105	-	OPEN ITEM			
106	-	OPEN ITEM			
107	1	110T SHELVING, WIRE 5 TIER, DRY STORAGE	METRO	NK3 SERIES	BY KEC
108	2	HAND SINK, WALL MOUNT	ADVANCE TABCO	7-P5-82	BY KEC
109	2	TRASH RECEPTACLE	RUBBERMAID	SLM 30M	BY OWNER
110	1	COOLER, WALK-IN	MASTER-BILT	CUSTOM	BY KEC
110.1	1	EVAPORATOR COIL (COOLER)	MASTER-BILT	E142090A	BY KEC
110.2	1	REMOTE CONDENSER (COOLER)	MASTER-BILT	SC2020JWC	BY KEC, LOCATED IN BASEMENT
110.3	1	FREEZER, WALK-IN	MASTER-BILT	CUSTOM	BY KEC
110.4	1	EVAPORATOR COIL (FREEZER)	MASTER-BILT	E1L200758	BY KEC
110.5	1	REMOTE CONDENSER (FREEZER)	MASTER-BILT	SC32015WC	BY KEC, LOCATED IN BASEMENT
111	1	110T SHELVING, WIRE 4 TIER, COOLER / FREEZER	METRO	NK3 SERIES	BY KEC
112	1	TABLE, MEAT PREP W/ SINK	ACF	CUSTOM	BY KEC
112.1	1	FAUCET, WALL MOUNT	T & S BRASS	B-0231-CC	BY KEC
113	-	OPEN ITEM			
114	1	110T GARBAGE CAN, MOBILE	RUBBERMAID	32 GAL BRUTE	BY OWNER
115	2	SHELF, WALL MTD, S/S	ACF	CUSTOM	BY KEC
116	1	ICE MAKER	MANITOWOC	30-3603W	BY KEC
116.1	1	FILTER SYSTEM, ICEMAKER	MANITOWOC	AR-20000	BY KEC
116.2	1	BIN, ICE	MANITOWOC	B-570	BY KEC
117	1	FLOOR TROUGH	ADVANCE TABCO	FFTG-1242	BY KEC
118	1	SOILED DISH TABLE W/ TROUGH	ACF	CUSTOM	BY KEC
118.1	1	PRE-RINSE FAUCET, WALL MOUNT	T & S BRASS	B-0133-0BC	BY KEC
119	1	PULL DOWN SECURITY DOOR			BY G.C.
119.1	1	PULL DOWN SECURITY DOOR			BY G.C.
120	1	SINK, MOBILE	ADVANCE TABCO	9-F55-20	BY KEC
121	1	DISPOSER, GARBAGE	SALVADOR	200-SA-6-ARSS	BY KEC
122	1	WAREWASHER, RACK CONVEYOR	AUTO-CHLOR	A4	BY OWNER
123	1	110T CONDENSATE HOOD	CAPTIVE-AIRE	CUSTOM	BY KEC
124	1	110T CONDENSATE FAN SYSTEM			BY G.C.
125	1	CLEAN DISH TABLE	ACF	CUSTOM	BY KEC
126	1	DOLLY, DISHRACK	METRO	PCD11	BY KEC
127	1	3 COMP. POT SINK	ACF	CUSTOM	BY KEC
127.1	2	FAUCET, WALL MOUNT	T & S BRASS	B-0231-CC	BY KEC
128	1	POT RACK, WALL MTD, S/S	ACF	CUSTOM	BY KEC
129	4	DOLLY, DISHRACK	METRO	CUSTOM	BY KEC
130	1	110T SHELVING, WIRE 3 TIER	METRO	NK3 SERIES	BY KEC
131	1	REFRIGERATED BASE W/ DRAWERS	VICTORY	GRS-1-57	FUTURE ITEM
132	1	BROILER, UNDER-FIRE/GAS	JADE	BB-36	FUTURE ITEM
133	1	SPREADER PLATE	ACF	CUSTOM	FUTURE ITEM
133.1	1	SPREADER PLATE	ACF	CUSTOM	BY KEC
134	1	110T WALL FLASHING, S/S	ACF	CUSTOM	BY KEC
135	1	RANGE, RESTAURANT, GAS	JADE	JSR-36G-6-3636C	BY KEC
136	1	FRYER BATTERY, DEEP FAT, GAS W/FILTER	PITCO	2-SG14T-SS/DF	BY KEC
137	1	110T EXHAUST HOOD	CAPTIVE-AIRE	CUSTOM	BY KEC
137.1	1	RETURN AIR PLENUM	CAPTIVE-AIRE	CUSTOM	BY KEC
137.2	1	FIRE SUPPRESSION SYSTEM	CAPTIVE-AIRE	CUSTOM	BY KEC
138	1	EXHAUST FAN SYSTEM			BY G.C.
139	1	RETURN AIR FAN SYSTEM			BY G.C.
140	1	FOOD PROCESSOR	HOBART	FP150-1	BY KEC
141	1	TABLE, VEGETABLE PREP W/ SINKS	ACF	CUSTOM	BY KEC
141.1	1	FAUCET, DECK MOUNT	T & S BRASS	B-0231-CC	BY KEC
142	1	TABLE, WORK MOBILE	ACF	CUSTOM	BY KEC
143	1	DISPOSER, GARBAGE	SALVADOR	200-SA-6-ARSS	BY KEC
144	2	SHELF, WALL MTD, S/S	ACF	CUSTOM	BY KEC
145	2	SHELF, WALL MTD, S/S	ACF	CUSTOM	BY KEC
146	1	OVEN, MICROWAVE	PANASONIC	NE-3280	FUTURE ITEM
147	1	HOBOT, FLOOR	HOBART	HL300-15TD	BY KEC
148	2	SHELF, WALL MTD, S/S	ACF	CUSTOM	BY KEC
149	1	REFRIGERATOR, REACH-IN	VICTORY	RS-2N-57	BY KEC
150	-	OPEN ITEM			
151	1	SLICER, FOOD	HOBART	2712-1	FUTURE ITEM
152	1	SLICER TABLE, MOBILE	ACF	CUSTOM	FUTURE ITEM
153	1	CHEFS TABLE W/ SINK & TBL MTD OVERSHELF	ACF	CUSTOM	BY KEC
153.1	1	FAUCET, WALL MOUNT	T & S BRASS	B-0231-CC	BY KEC
153.2	1	FAUCET, DECK MOUNT	T & S BRASS	B-0208	BY KEC
154	1	FREEZER, UNDERCOUNTER	VICTORY	UPS-1-57	BY KEC
155	1	DROP-IN, HOT WELLS	ATLAS METAL	WBH-3	BY KEC
156	1	WARMER, FOOD OVERHEAD	HATCO	GRAM-3603	BY KEC
157	1	REFRIGERATOR, REACH-IN	VICTORY	RS-1N-57	BY KEC
158	1	SERVING COUNTER	ACF / MILLWORK	CUSTOM	BY KEC
159	1	DROP-IN, HOT WELLS	ATLAS METAL	WBH-4	BY KEC
160	1	DROP-IN, COLD PAN	ATLAS METAL	WDM-5	BY KEC
161	2	SNEEZE GUARD, SELF SERVE	ACF	CUSTOM W/ LIGHTS & HEAT LAMP (HATCO GRA-54)	BY KEC
162	2	CUP DISPENSER	DISP-RITE	SKR-R-35S	BY KEC
163	1	BEVERAGE COUNTER	ACF / MILLWORK	CUSTOM	BY KEC
164	1	SINK, DROP-IN	ADVANCE TABCO	DI-1-30	BY KEC
165	1	COFFEE MAKER, SATELLITE SYSTEM	BUNN-O-MATIC	20900.0008	BY OWNER, VERIFY UTILITIES
166	1	CONDIMENT DISPENSER			BY OWNER, VERIFY UTILITIES
167	1	ICE MAKER, NUGGET STYLE	MANITOWOC	RM-1009W	BY KEC
168	1	DISPENSER, ICE	MANITOWOC	S-250 W/ WATER DISPENSER	BY KEC
169	-	OPEN ITEM			

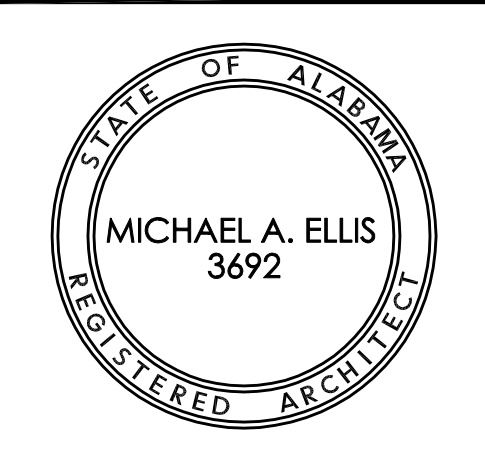
**NOTE:**

- ALL CONNECTIONS SHOWN IN THE SCHEDULE ARE SIZED AS THEY ACTUALLY OCCUR ON THE EQUIPMENT.
- CONNECTIONS SHOWN ARE FOR ONE UNIT. TO DETERMINE TOTAL REQUIREMENTS, MULTIPLY BY NUMBER IN QUANTITY COLUMN.
- ELECTRIC CONTRACTOR AND PLUMBING CONTRACTOR TO VERIFY UTILITIES ON EXISTING EQUIPMENT.
- WHERE INDICATED TO CONNECT IN OR THROUGH A VALVE COMPARTMENT, CONTRACTOR SHALL STUB-UP INTO VALVE COMPARTMENT AT HEIGHT INDICATED ON ROUGH-IN PLAN, CAP HIS WORK AND MAKE FINAL CONNECTIONS AFTER EQUIPMENT IS IN PLACE.
- THE INTENT OF THE DRAWINGS AND SPECIFICATIONS REGARDING ELECTRICAL PRE-WIRING AND PLUMBING PRE-PIPING IS TO HAVE THE K.E.C. EXTEND TO AND TERMINATE ALL CONNECTIONS FOR THE EQUIPMENT IN THE LOCATIONS INDICATED IN THE EQUIPMENT SCHEDULE AND SPOT PLANS.
- ELECTRICAL, PLUMBING AND MECHANICAL CONTRACTORS TO PROVIDE ALL ROUGH-IN BUILDING SERVICES AND FINAL CONNECTION TO ALL FOOD SERVICE EQUIPMENT.

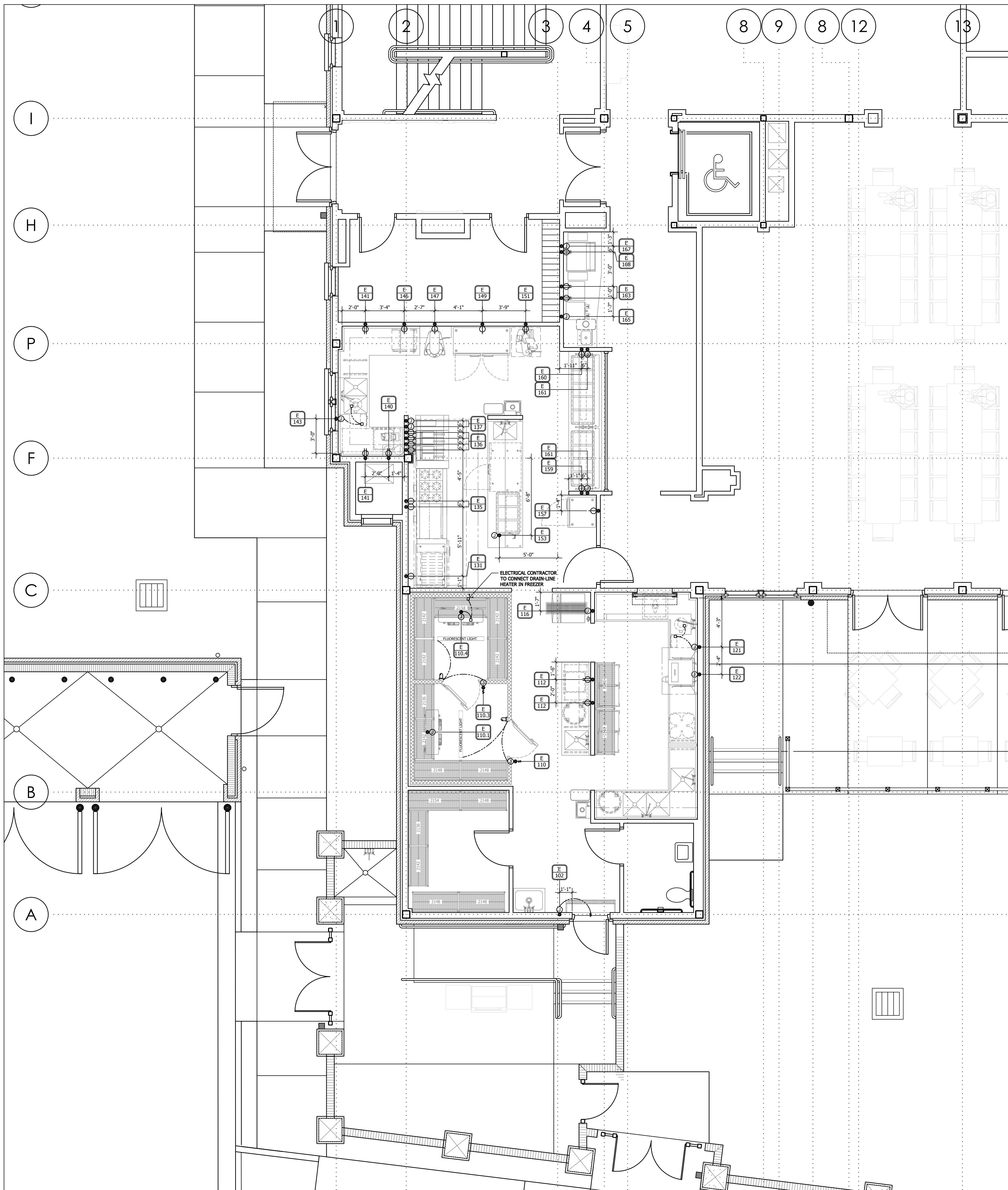
**FS1.1** FOODSERVICE EQUIPMENT PLAN & SCHEDULE  
1/4" = 1'-0"



New Sorority House For  
**BETA PSI CHAPTER OF DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



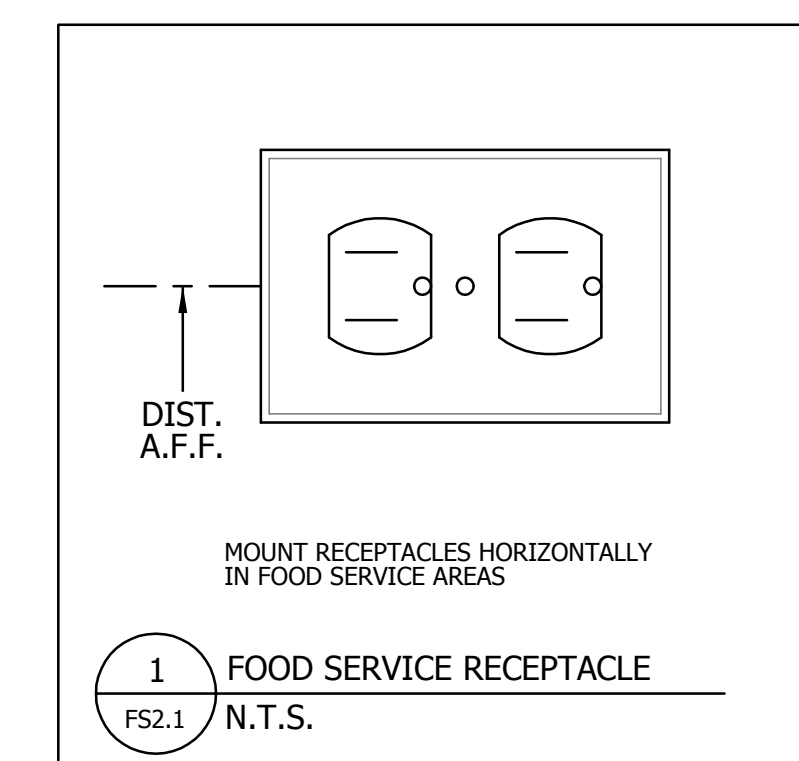
Copyright 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.  
JOB No. **11006**  
DATE: 7-12-2011 REV DATE:  
DRAWN BY: DRC  
F.S. EQUIPMENT PLAN & SCHEDULE  
SHEET NUMBER **FS1.1**



**1** FOODSERVICE EQUIPMENT ELECTRICAL PLAN & SCHEDULE  
 FS2.1 1/4" = 1'-0"

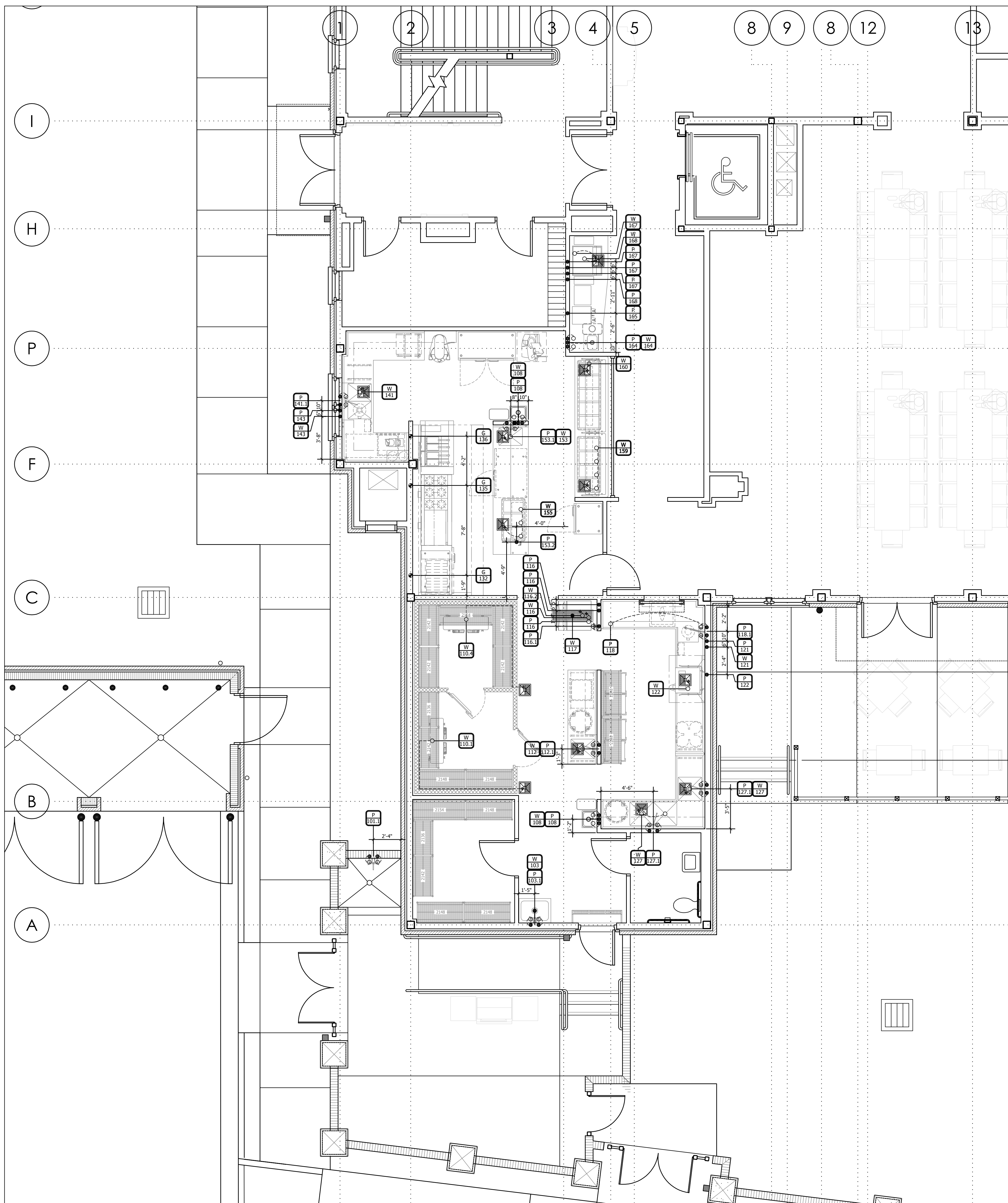
ITEM NO	QTY	EQUIPMENT CATEGORY	AMPS	KW	HP	VOLTS	PHASE	CYCLE	DIRECT	PLUG	NEW	ELECTRICAL CONTRACTOR	REMARKS
110	1	COOLER, WALK-IN	3.8		3/4	208			X				CONNECT THRU MICRO SWITCH
110.1	1	EVAPORATOR COIL (COOLER)	1.8			115	1	60	X				ELECTRIC DOWN FROM ABOVE, VERIFY UTILITIES W/ MANUFACTURE DWGS
110.2	1	REMOTE CONDENSER (COOLER)	4.3		1.0	208-230	3	60	X				LOCATED IN BASEMENT, VERIFY UTILITIES W/ MANUFACTURE DWGS
110.3	1	FREEZER, WALK-IN	VERIFY			VERIFY			X				ELECTRIC DOWN FROM ABOVE, FOR WALK-IN LIGHTS, VERIFY UTILITIES W/ MANUFACTURE DWGS
110.4	1	EVAPORATOR COIL (FREEZER)	8.97.0			208-230	1	60	X				ELECTRIC DOWN FROM ABOVE, COIL AMPS / COIL HEATER AMPS, VERIFY UTILITIES W/ MANUFACTURE DWGS
110.5	1	REMOTE CONDENSER (FREEZER)	5.4		1 1/2	208-230	3	60	X				LOCATED IN BASEMENT, VERIFY UTILITIES W/ MANUFACTURE DWGS
112	1	TABLE, MEAT PREP W/ SINK	20.0			120	1	60	X				CONVENIENCE OUTLET
116	1	ICE MAKER	7.9		1.0	208-230	1	60	X				60"
121	1	DISPOSER, GARBAGE	6.6		2.0	208	3	60	X				16"
122	1	WAREWASHER, RACK CONVEYOR	20.0			115	1	60	X				60"
131	1	REFRIGERATED BASE W/ DRAWERS	8.0		1/4	115	1	60	X	5-15P			FUTURE ITEM
135	1	RANGE, RESTAURANT, GAS	8.0		1/3	120	1	60	X	5-15P			16"
136	1	FRYER BATTERY, DEEP FAT, GAS W/FILTER	2.0			115	1	60	X	5-15P			16"
			7.0		1/3	115	1	60	X	5-15P			16"
			6.3			115	1	60	X	5-15P			16"
137	1	LILOX EXHAUST HOOD	VERIFY			VERIFY			X				96" FOR FANS SWITCH, VERIFY UTILITIES W/ MANUFACTURE DRAWINGS
			20.0			120	1	60	X	5-15P			96" FOR LIGHTS SWITCH, VERIFY UTILITIES W/ MANUFACTURE DRAWINGS
140	1	FOOD PROCESSOR	4.8		1/2	120	1	60	X	5-15P			48"
141	1	TABLE, VEGETABLE PREP W/ SINKS	20.0			120	1	60	X				CONVENIENCE OUTLET
143	1	DISPOSER, GARBAGE	6.6		2.0	208	3	60	X				16"
145	1	OVEN, MICROWAVE	28.0		3.2	208	1	60	X	6-30P			48"
147	1	MIXER, FLOOR	3.6		1.5	230	1	60	X				16"
149	1	REFRIGERATOR, REACH-IN	9.6		1/3	115	1	60	X	5-15P			90"
151	1	SLICER, FOOD	3.0		1/2	120	1	60	X	5-15P			48"
153	1	CHEFS TABLE W/ SINK & TBL MTD OVERSHELF	VERIFY			VERIFY			X				6" STUB-UP, CONTROL PANEL, (1) 15.0A 120V 1PH CONVENIENCE OUTLET MTD IN OVERSHELF
154	1	FREEZER, UNDERCOUNTER	11.6		1/3	115	1	60	X	5-15P			RECEIVE POWER FROM ITEM #153 CONTROL PANEL
155	1	DROP-IN, HOT WELLS	12.3		2.6	208	1	60	X	L6-20P			RECEIVE POWER FROM ITEM #153 CONTROL PANEL
156	1	WARMER, FOOD OVERHEAD	13.3		1.6	120	1	60	X				RECEIVE POWER FROM ITEM #153 CONTROL PANEL
157	1	REFRIGERATOR, REACH-IN	6.6		1/3	115	1	60	X	5-15P			90"
159	1	DROP-IN, HOT WELLS	16.4		3.4	208	1	60	X	L6-30P			16"
160	1	DROP-IN, COLD PAN	9.8		1/3	120	1	60	X	5-15P			16"
161	1	SNEEZE GUARD, SELF SERVE	7.7		0.9	120	1	60	X				16" HEAT LAMP OVER HOT FOOD WELLS
161	1	SNEEZE GUARD, SELF SERVE	2.0			120	1	60	X				16" LIGHTS OVER COLD FOOD WELLS
163	1	BEVERAGE COUNTER	20.0			120	1	60	X				48" CONVENIENCE OUTLET
165	1	COFFEE MAKER, SATELLITE SYSTEM	28.8		6.0	120-208	1	60	X				48" BY OWNER, VERIFY UTILITIES
167	1	ICE MAKER, NUGGET STYLE	11.0		2.0	208-230	1	60	X				72"
168	1	DISPENSER, ICE	2.5			120	1	60	X	5-15P			48"

SYMBOLS		ABBREVIATIONS	
⊕	JUNCTION BOX (J-BOX)	A	AMPERES
⊖	EQUIPMENT INTERCONNECTION BY E.C.	V	VOLTS
⊙	ELECTRICAL ROUGH-IN	W	WATTS
⊙	SINGLE ELECTRICAL OUTLET (OCO)	PH	PHASE
⊙	DUPLEX ELECTRICAL OUTLET (OCO)	AFF	ABOVE FINISHED FLOOR
⊙	FLUORESCENT LIGHT FIXTURE	DN	DOWN FROM ABOVE
⊙	INCANDESCENT LIGHT INDICATION	BTC	BRANCH TO CONNECTION POINT AND CONNECT EQUIPMENT
⊙	BREAKER PANELBOARD	HP	HORSE POWER
⊙	SWITCH AS NOTED	KW	KILOWATTS
⊙	TELEPHONE OUTLET	DC	DIRECT CONNECTION
⊙	FOUR PLEX ELECTRICAL OUTLET (OCO)	K.E.C.	KITCHEN EQUIPMENT CONTRACTOR
⊙	DATA LINE CONNECTION	E.C.	ELECTRICAL CONTRACTOR
		CONV.	CONVENIENCE OUTLET 120V 1PH 20.0A



CURRENT RATING	TYPE	2 POLE - WIRE NO GROUND		2 POLE - 3 WIRE GROUNDING		1 POLE 4 WIRE GROUNDING
		125V	250V	125V	250V	125/250V
15A	STRAIGHT BLADE	⊕	⊖	⊕	⊖	⊕
	TWIST LOCK	L1-15R	2-15R	5-15R	6-15R	
20A	STRAIGHT BLADE	⊕	⊖	⊕	⊖	⊕
	TWIST LOCK	L2-20R	5-20R	6-20R	L14-20R	
30A	STRAIGHT BLADE	⊕	⊖	⊕	⊖	⊕
	TWIST LOCK	L2-30R	5-30R	6-30R	L14-30R	
50A	STRAIGHT BLADE	⊕	⊖	⊕	⊖	⊕
	TWIST LOCK		L5-50R	6-50R	L14-50R	
60A	STRAIGHT BLADE					CS6364/65
	TWIST LOCK					L14-60R

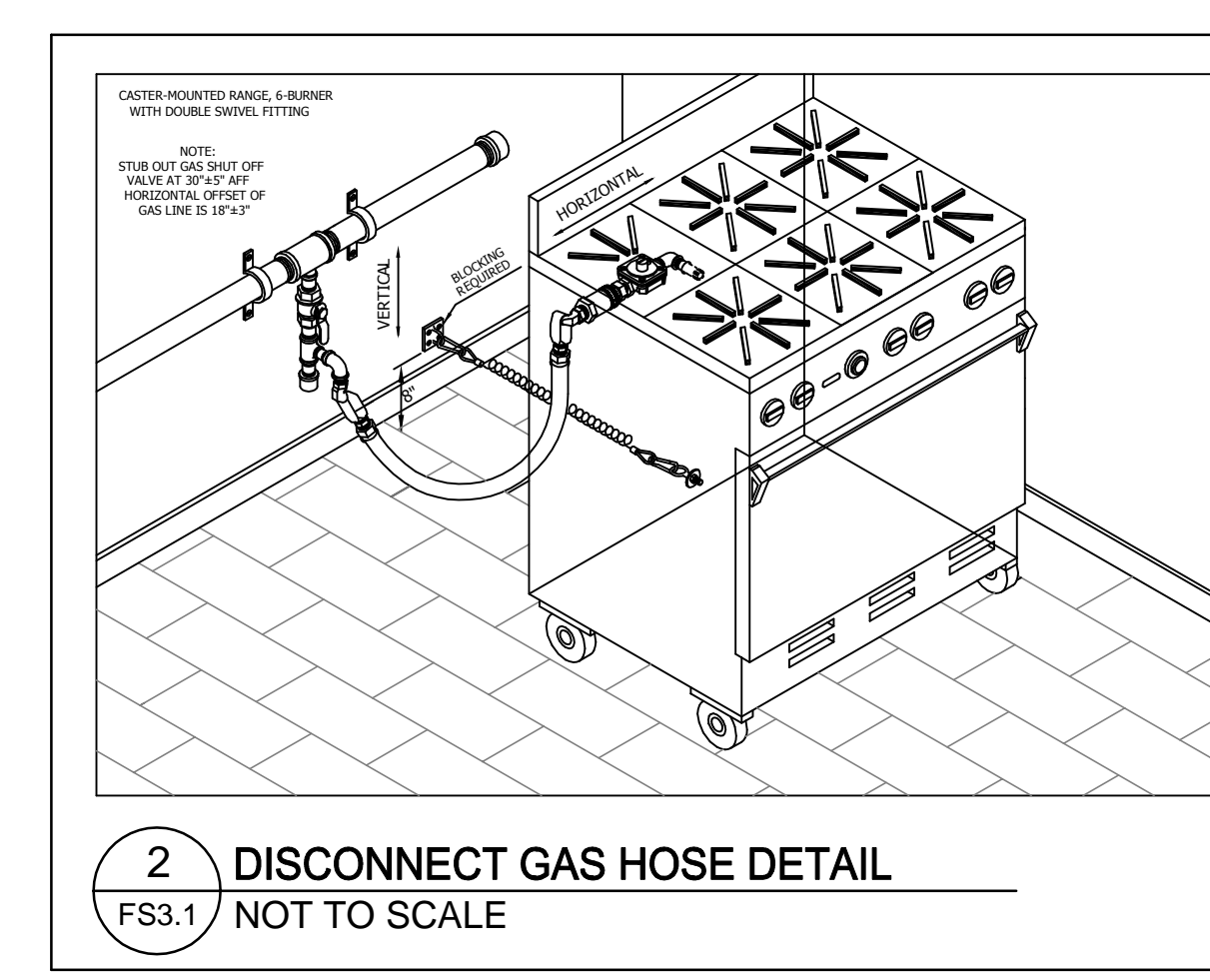
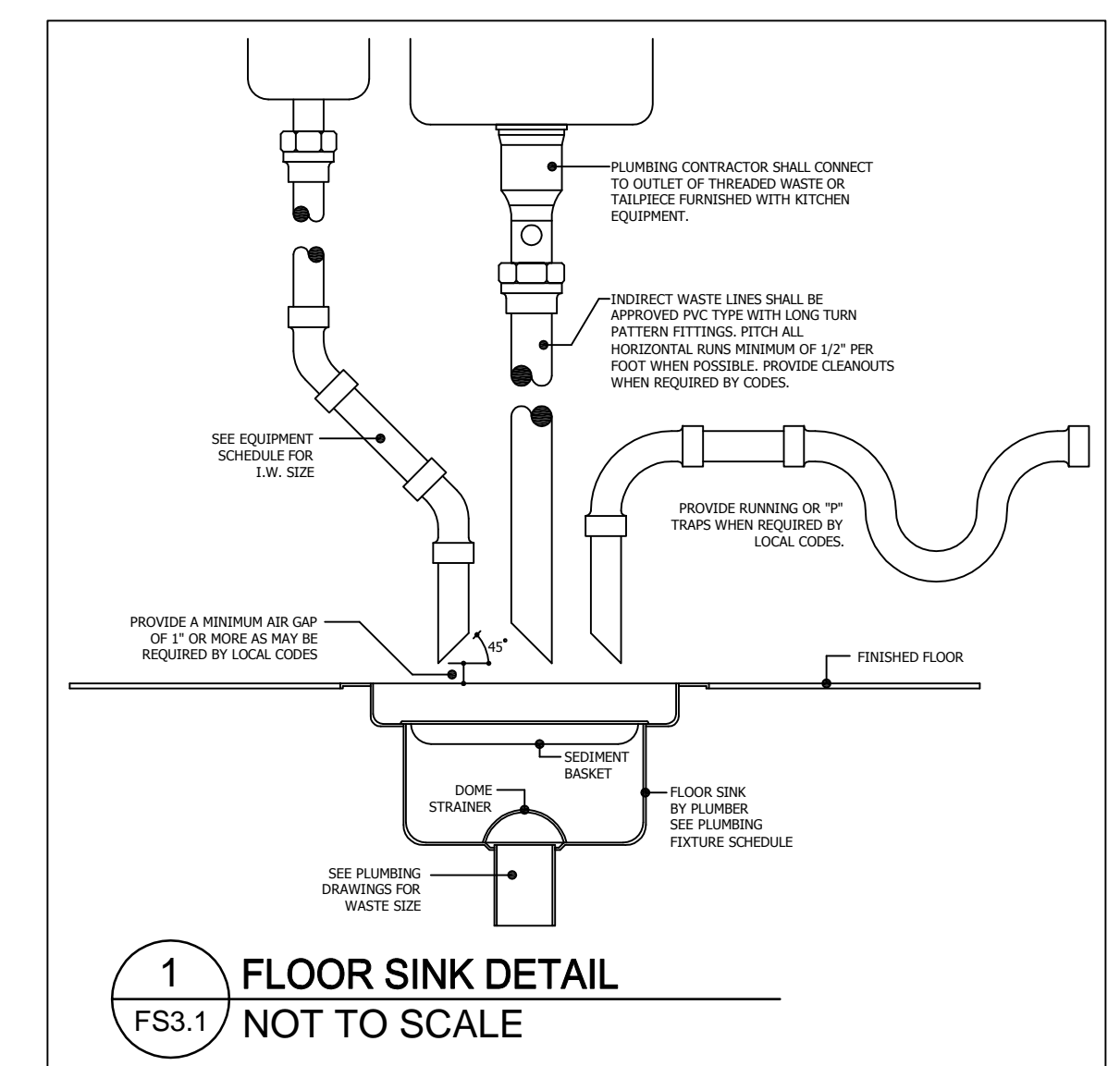




PLUMBING SCHEDULE												
ITEM NO	QTY	EQUIPMENT CATEGORY	COLD WATER SIZE (IN)	COLD WATER AFF. (IN)	WATER SIZE (IN)	CHILLED WATER SIZE (IN)	CHILLED WATER SIZE (OUT)	HOT WATER SIZE (IN)	HOT WATER AFF. (IN)	DIRECT DRAIN AFF. (IN)	INDIRECT DRAIN AFF. (IN)	INDIRECT DRAIN AFF. (IN)
103	1	FAUCET, SERVICE SINK	1/2"	3/8"								
103.1	1	FAUCET, SERVICE SINK	1/2"	3/8"								
108	2	HAND SINK, WALL MOUNT	1/2"	1/2"								
110.1	1	EVAPORATOR COIL (COOLER)										
110.2	1	REMOTE CONDENSER (COOLER)										
110.4	1	EVAPORATOR COIL (FREEZER)										
110.5	1	REMOTE CONDENSER (FREEZER)										
112	1	TABLE, MEAT PREP W/ SINK										
112.1	1	FAUCET, WALL MOUNT	1/2"	1/2"								
116	1	ICE MAKER	3/8"	3/8"								
116.1	1	FILTER SYSTEM, ICEMAKER	3/8"	3/8"								
116.2	1	BIN, ICE										
117	1	FLOOR TROUGH										
118	1	SOILED DISH TABLE W/ TROUGH										
118.1	1	PRE-RINSE FAUCET, WALL MOUNT	1/2"	1/2"								
121	1	DISPOSER, GARBAGE	1/2"	1/2"								
122	1	WAREWASHER, SACK CONVEYOR										
127	3	COMP. POT SINK										
127.1	2	FAUCET, WALL MOUNT	1/2"	1/2"								
132	1	BROILER, UNDER-FIRE/GAS										
135	1	RANGE, RESTAURANT, GAS										
136	1	PYRER BATTERY, DEEP FAT, GAS W/FILTER										
141	1	TABLE, VEGETABLE PREP W/ SINKS										
141.1	1	FAUCET, DECK MOUNT	1/2"	1/2"								
143	1	DISPOSER, GARBAGE	1/2"	1/2"								
153	1	CHEFS TABLE W/ SINK & TBL. MTD OVERSHELF										
153.1	1	FAUCET, WALL MOUNT	1/2"	1/2"								
153.2	1	FAUCET, DECK MOUNT	1/2"	1/2"								
155	1	DROP-IN, HOT WELLS										
159	1	DROP-IN, HOT WELLS										
160	1	DROP-IN, COLD PAN										
164	1	SINK, DROP-IN	1/2"	1/2"								
165	1	COFFEE MAKER, SATELLITE SYSTEM	1/4"	1/4"								
167	1	ICE MAKER, MAGNET STYLE	3/8"	3/8"								
168	1	DISPENSER, ICE	1/2"	1/2"								

PLUMBING LEGEND	
SYMBOLS	ABBREVIATIONS
● HOT	HW HOT WATER
● COLD	CW COLD WATER
○ DRAIN	DR DRAIN
○ CONNECTION	AFF ABOVE FINISHED FLOOR
○ FLOOR SINK HALF GRADE	FD FLOOR DRAIN
○ FLOOR SINK FULL GRADE	FS FLOOR SINK
○ FLOOR DRAIN AS NOTED	FT FLOOR TROUGH
○ HUB DRAIN AS NOTED	HD HUB DRAIN
○ GAS LINE	GPH GALLONS PER HOUR
○ GAS CONNECTION	GPM GALLONS PER MINUTE
○ FLEX CONNECT HOSE	BTC BRANCH TO CONNECT
○ INDIRECT WASTE LINE	PSI POUNDS PER SQUARE INCH
○ PLUMBING INTERCONNECTION	DN DOWN FROM ABOVE
○ STEAM RETURN	S STEAM
○ STEAM SUPPLY	SR STEAM RETURN

- PLUMBING GENERAL NOTES**
- SEE EQUIPMENT PLAN AND SCHEDULE FOR ADDITIONAL INFORMATION.
  - P.C. TO PROVIDE ALL ROUGH-IN AND FINAL CONNECTIONS TO ALL EQUIPMENT SHOWN HEREIN.
  - SOLID DOT REPRESENTS ROUGH-IN LOCATION. (FURNISHED BY P.C.)  
 DOTTED LINE REPRESENTS FINAL CONNECTION. (FURNISHED BY P.C.)  
 CIRCLE REPRESENTS CONNECTION TO EQUIPMENT. (FURNISHED BY P.C.)
  - PLUMBING CONTRACTOR (P.C.) TO KEEP ALL PLUMBING LINES CLEAR OF WALLBACKING AREAS.
  - P.C. TO INSTALL REGULATORS AS REQUIRED.
  - P.C. TO VERIFY PLUMBING REQUIREMENTS AND LOCATIONS FOR EQUIPMENT SUPPLIED BY OTHERS.



**FS3.1** FOODSERVICE EQUIPMENT PLUMBING PLAN & SCHEDULE  
 1/4" = 1'-0"

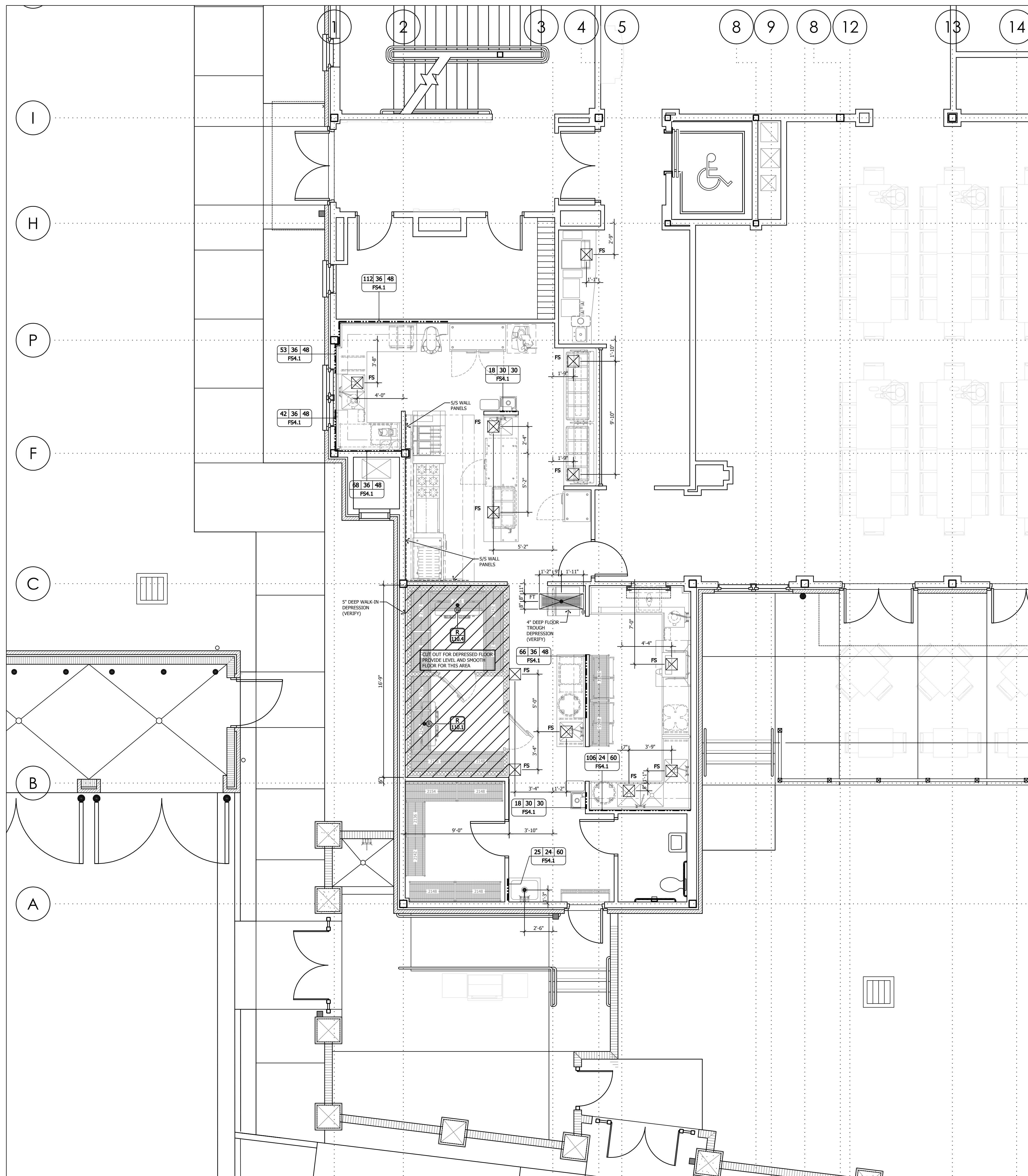
**culinary design studio**  
 Foodservice Facilities Design Consultants  
 861 Cedar Trace, S.W.  
 Lilburn, GA 30047  
 404-433-4138  
 www.culinary-designstudio.com

**Ellis Architects**  
 651 Heiber-Keller Boulevard, Suite 300  
 Marietta, Georgia 30066  
 202.732.4420  
 www.ellisarchitects.com

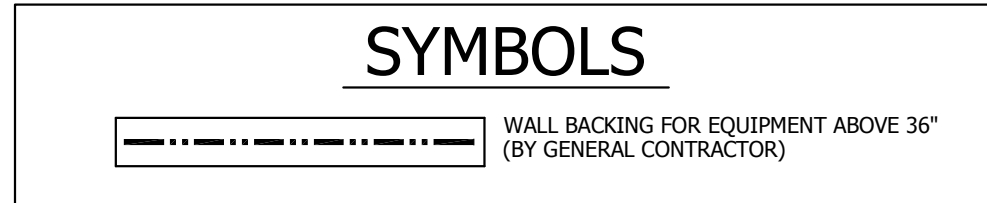
New Sorority House For  
**BETA PSI CHAPTER OF DELTA GAMMA**  
 THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
 Tuscaloosa, Alabama

STATE OF ALABAMA  
 REGISTERED ARCHITECT  
 MICHAEL A. ELLIS  
 3692

Copyright 2011  
 Ellis Architects, Inc.  
 Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.  
 Do Not Scale From Drawings.  
 Contractor must verify all dimensions prior to construction.  
 JOB No. **11006**  
 DATE: 7-12-2011 REV DATE:  
 DRAWN BY: DRC  
 F.S. EQUIPMENT PLUMBING PLAN & SCHEDULE  
 SHEET NUMBER **FS3.1**

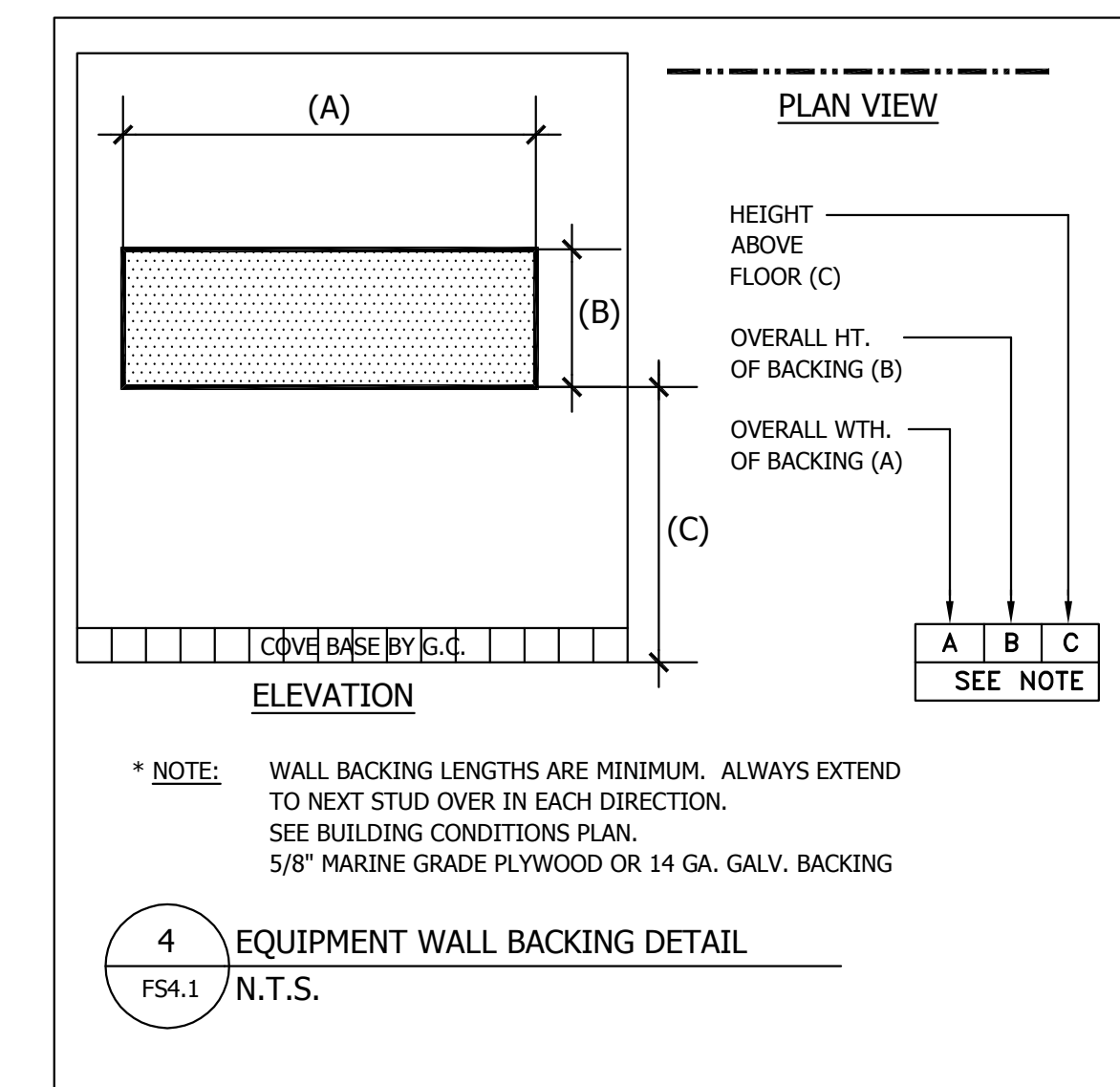
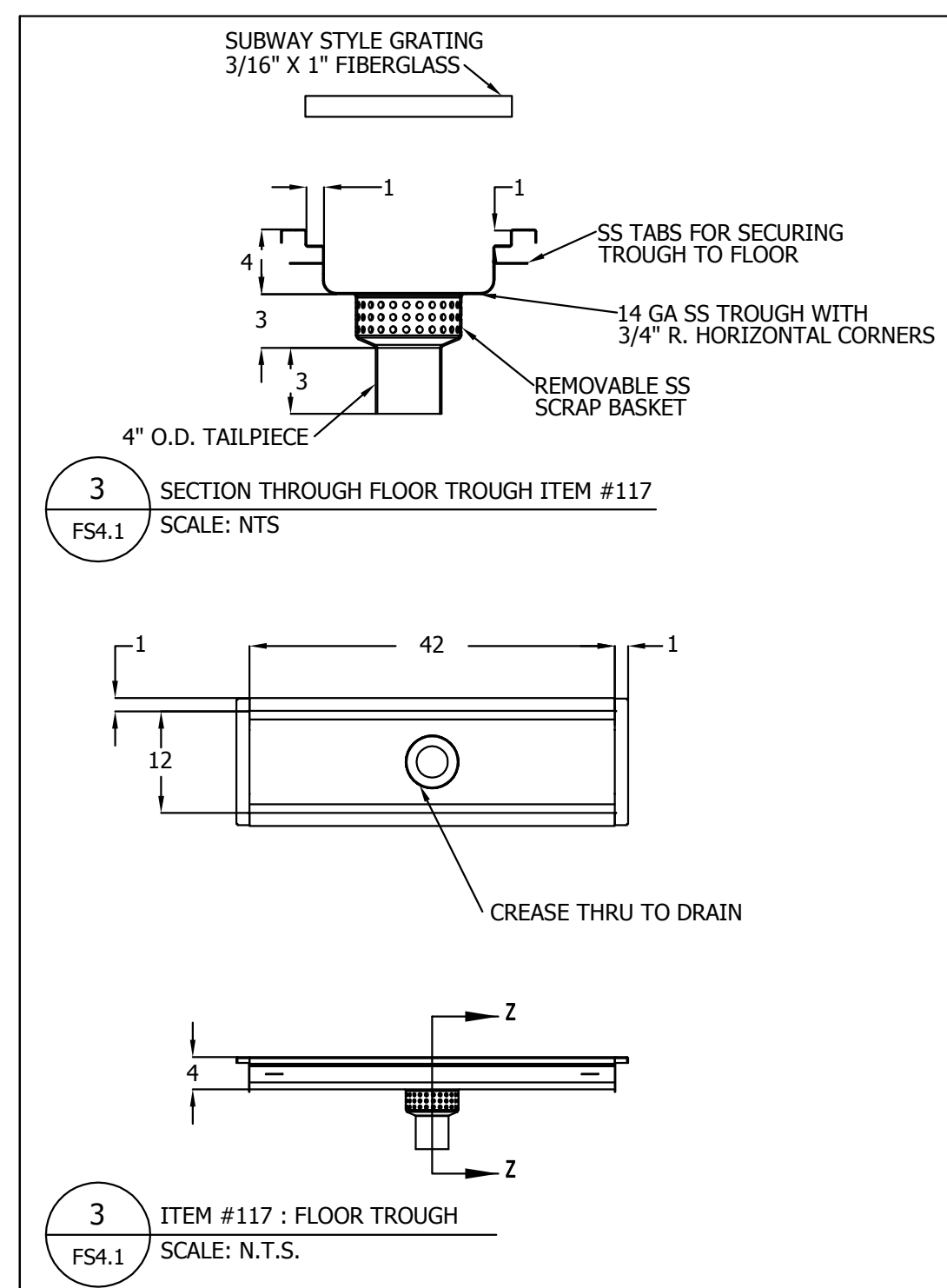
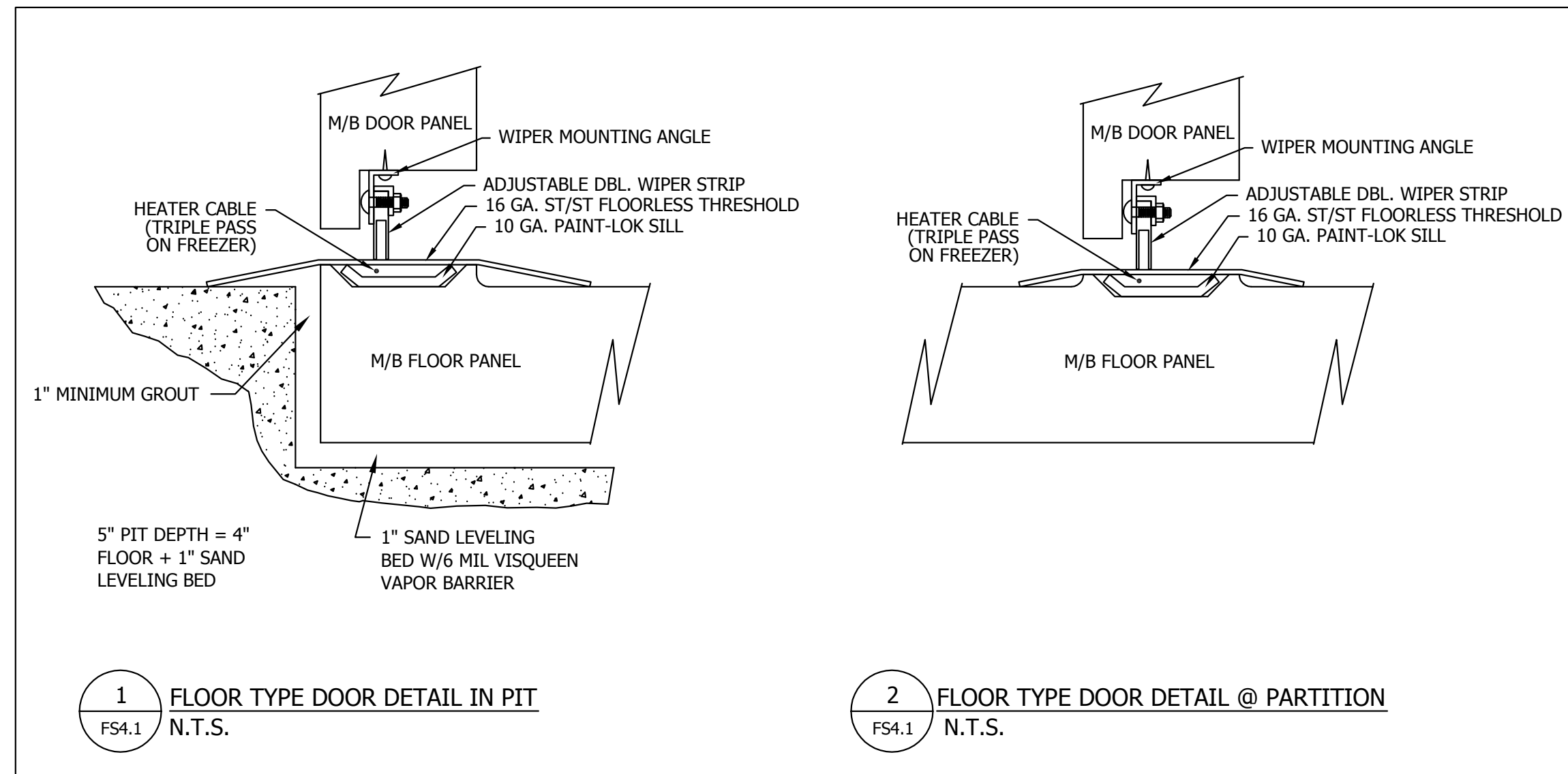


LEGEND	
SYMBOLS	ABBREVIATIONS
(C)	REFRIGERATION CONNECTION
FS	FLOOR SINK
FT	FLOOR TROUGH

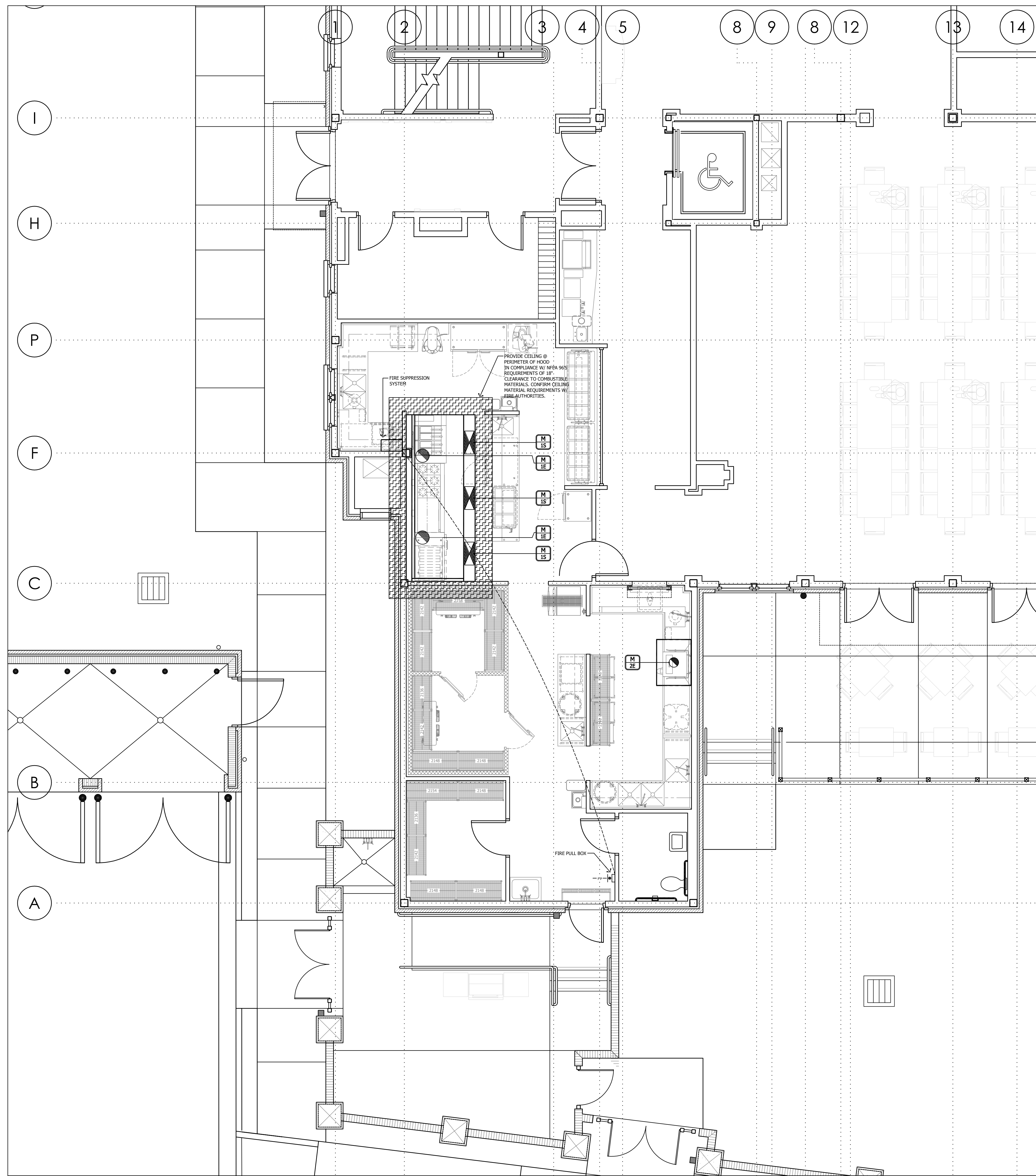


- NOTES:**
1. LINE RUNS & LOCATION OF ROOF TOP EQUIPMENT FOR SCHEMATIC PURPOSE ONLY. VERIFY EXACT LOCATION WITH ARCHITECTURAL DRAWINGS AND SITE CONDITIONS.
  2. DO NOT SLOPE FLOOR TO FLOOR SINKS (FS) OR FLOOR TROUGHS (FT).

- SPECIAL CONDITIONS NOTES**
1. CONTRACTOR SHALL INSURE ALL WALLS AND/OR CEILINGS ARE PROPERLY REINFORCED TO SUPPORT ALL WALL AND/OR CEILING SUPPORTED EQUIPMENT.
  2. CONTRACTOR SHALL PROVIDE 5" (VERIFY) DEEP +/- DEPRESSION FROM ROUGH SLAB TO FINISHED FLOOR TO RECEIVE WALK-IN BOX PANELS PER MANUFACTURER'S "BUILT-IN INSULATED FLOOR" DETAIL.
  3. CONTRACTOR SHALL PITCH FLOOR TO AREA DRAINS AT A MINIMUM OF 1/8" PER FOOT. THIS CONDITION IS APPLICABLE IN WET SPACES SUCH AS CART WASH, TRASH ROOM, DISH ROOM AND POT WASH AREAS.
  4. CONTRACTOR SHALL INSURE THAT WALL DEPTH IS SUFFICIENT TO RECEIVE RECESSED EQUIPMENT PROVIDED BY KEC.
  5. CONTRACTOR SHALL PROVIDE 2" DIA RACEWAY (PVC, EMT, OR OTHER MATERIAL REQUIRED BY CODE) FOR RUN OF COMPUTER GRADE CONDUIT. ALL BENDS TO BE EASY SWEEPS (18" RADIUS MIN).
  6. CONTRACTOR SHALL PROVIDE CLEAR OPENING IN WALL TO RECEIVE FOODSERVICE EQUIPMENT BY KEC. CONTRACTOR TO ALLOW 1/4" CLEARANCE ON EACH SIDE AND TOP(S) OF UNIT(S).
  7. CONTRACTOR SHALL VERIFY INSTALLATION HEIGHT OF FINISHED CEILING WITH FOODSERVICE EQUIPMENT.
  8. CONTRACTOR SHALL INSURE STRUCTURAL FLOOR IS ADEQUATE TO SUPPORT HEAVY EQUIPMENT SUCH AS PIZZA OVEN, ICEMAKER, AND REMOTE REF. SYSTEM.

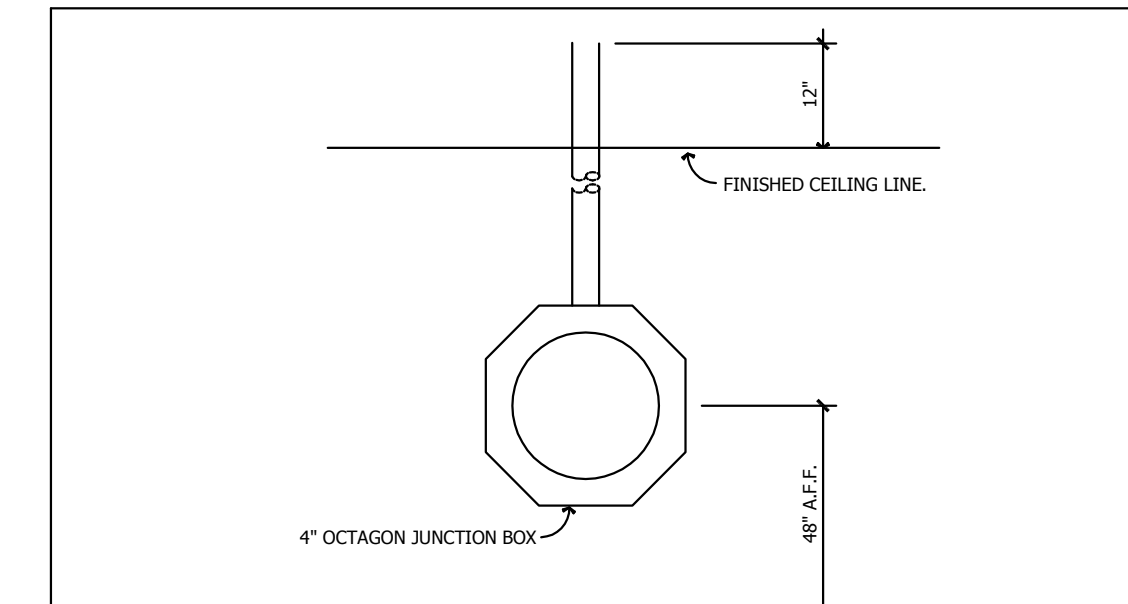


**1** FOODSERVICE EQUIPMENT SPECIAL CONDITIONS PLAN  
FS4.1  
1/4" = 1'-0"



MECHANICAL REQUIREMENTS				
TAG	DUCT SIZE	CONNECTION	DUCT CFM	STATIC PRESSURE
1E	14" DIA.	DUCT CONNECT	1781	-1.136"
2E	10" DIA.	DUCT CONNECT	600	-0.090"
1S	10 X 24	DUCT CONNECT	949	0.321"

LEGEND	
ABBREVIATIONS	
#E	HOOD EXHAUST
#S	HOOD SUPPLY



THE FIRE PROTECTION SYSTEM REMOTE PULL STATION SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. THE ELECTRICAL J-BOX WITH 1/2" KNOCKOUTS SHALL BE LOCATED AS SHOWN WITH TABS IN THE UPPER RIGHT AND LEFT OF THE BOX. THE STEEL J-BOX SHALL BE INSTALLED AT +48" A.F.F. OR AS REQUIRED BY LOCAL AND GOVERNING CODES. HEAVY DUTY 1/2" STEEL E.M.T. SHALL RUN FROM THE TOP OF THE BOX TO 12" ABOVE FINISHED CEILING LINE. THERE SHALL BE NO BENDS, ANGLES, MITERS OR OFFSETS WITHIN THE SYSTEM RUN. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL (1) ONE APPROVED STEEL BOX FOR EACH PULL BOX STATION LOCATED AS INDICATED ON THE DRAWINGS. PULL BOX UNITS THAT ARE MOUNTED NEXT TO EACH OTHER SHALL MAINTAIN A DISTANCE OF NOT LESS THAN 8". VERIFY EACH REQUIREMENT AS PER LOCAL AND GOVERNING AGENCIES AND CODES.

1 PULL STATION DETAIL  
FS5.1 N.T.S.

- MECHANICAL SYSTEM NOTES:**
- EXHAUST HOOD REQUIREMENTS AND DUCT COLLAR SIZES SHALL BE COORDINATED WITH FINAL SHOP DRAWINGS PRIOR TO FABRICATION.
  - ALL FINAL DUCT WELDING AND CONNECTIONS TO BE INCLUDED IN THE H.V.A.C. CONTRACT.
  - DUCTWORK AND INSTALLATION TO BE PROVIDED BY GC. EXHAUST FAN AND SUPPLY FAN TO BE PROVIDED BY GC AND INSTALLED BY GC.
  - PROVIDE DISCONNECT ON ROOF FOR EXHAUST AND M.U.A. FANS.
  - ELECTRICAL EQUIPMENT UNDER EXHAUST HOOD MUST HAVE SHUNT TRIP BREAKERS AT ELECTRICAL PANEL CONNECTED TO MICROSWITCHES IN THE FIRE SYSTEM.
  - K.E.C. IS TO PROVIDE CLOSURE TRIM PANELS FROM TOP OF HOOD TO CEILING.

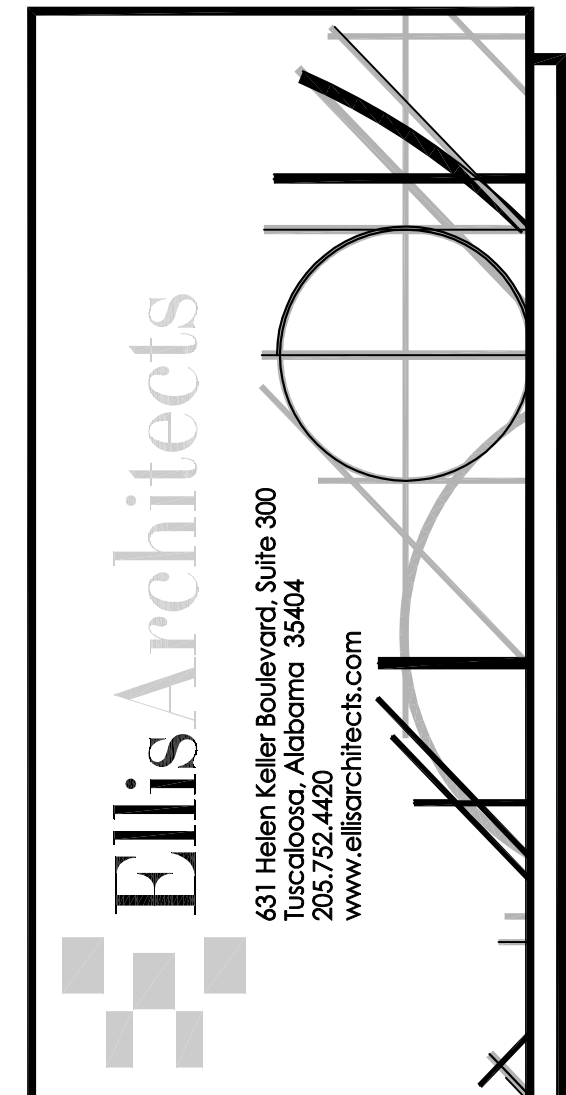
**NOTE:**  
ALL HOODS MUST PROPERLY VENTILATE THE COOKING EQUIPMENT BENEATH IT AND BE COMPATIBLE WITH THE BUILDING VENTILATION SYSTEM.

- FIRE EXTINGUISHING SYSTEM NOTES**
- WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN RESET RELAY AND AUTOMAN RELEASE.
  - WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN RESET RELAY AND ELECTRICAL GAS SOLENOID SHUT-OFF VALVE.
  - WIRING IN CONDUIT BY ELECTRICAL TRADE TO SHUNT-TRIP BREAKER LOCATED IN POWER PANEL SUPPLYING EQUIPMENT BENEATH VENTILATOR.
  - WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN RESET RELAY AND CONTRACTORS SERVING EQUIPMENT BENEATH VENTILATOR.
  - WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN RESET RELAY AND FENWAL DETECTORS IN VENTILATOR.
  - WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN RESET RELAY AND BUILDING FIRE ALARM SYSTEM AS REQUIRED.
  - FLUSH-MOUNT OCTAGONAL J-BOX 48" A.F.F. WITH 1/2" EMT TO 12" ABOVE CEILING BY ELECTRICAL TRADE FOR REMOTE CABLE PULL.

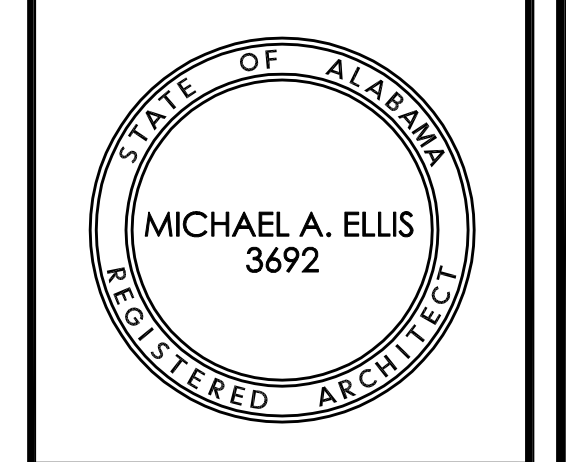
- VENTILATOR NOTES**
- WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN VENTILATOR CONTROL AND REMOTE FIRE SWITCH.
  - WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN VENTILATOR CONTROL AND EXHAUST FAN MAGNETIC STARTER.
  - WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN VENTILATOR CONTROL AND SUPPLY FAN MAGNETIC STARTER.
  - WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN VENTILATOR CONTROL AND JB ON TOP OF VENTILATOR FOR THERMOSTAT AT DUCT COLLAR.
  - WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN VENTILATOR CONTROL AND JB ON TOP OF VENTILATOR FOR LIGHTS.

- FIRE EXTINGUISHING SYSTEM NOTES**
- WET CHEMICAL PIPING TO CONNECTION AT VENTILATOR BY MECHANICAL TRADE

1 FOODSERVICE EQUIPMENT MECHANICAL PLAN  
FS5.1 1/4" = 1'-0"



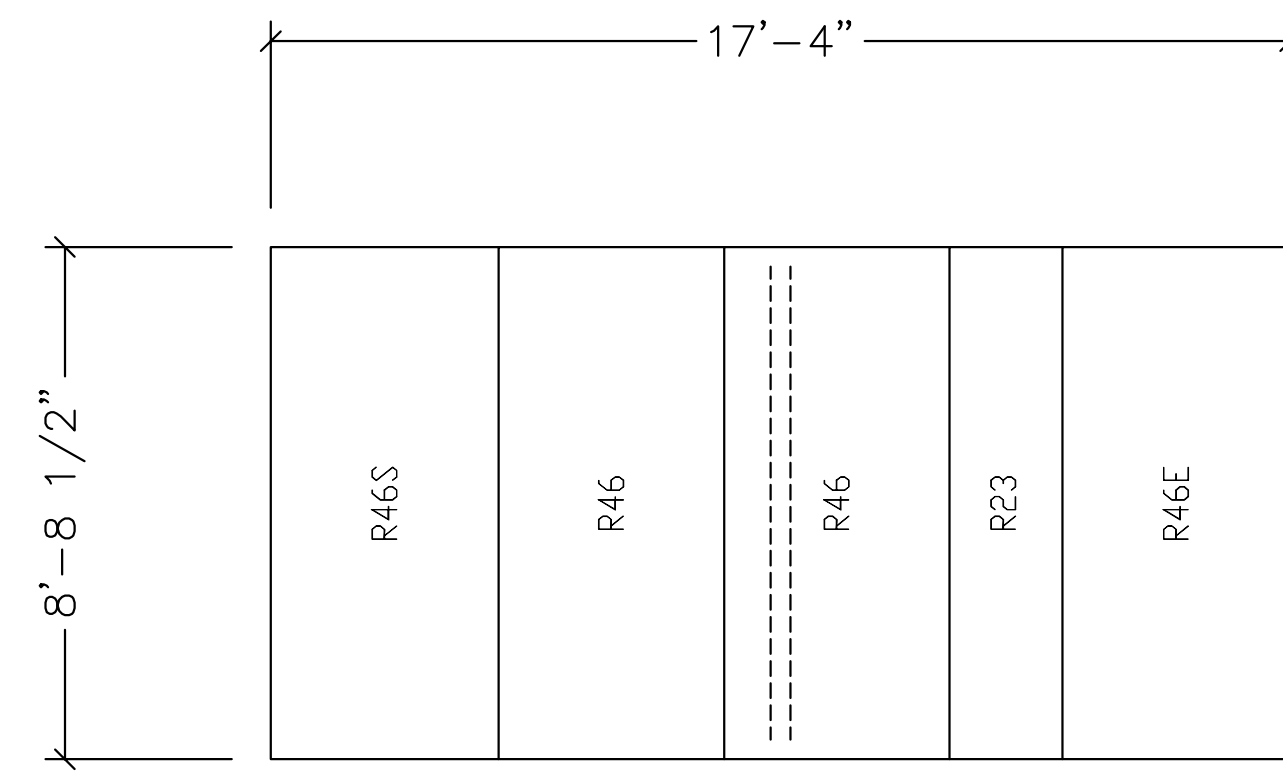
New Sorority House For  
**BETA PSI CHAPTER OF DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



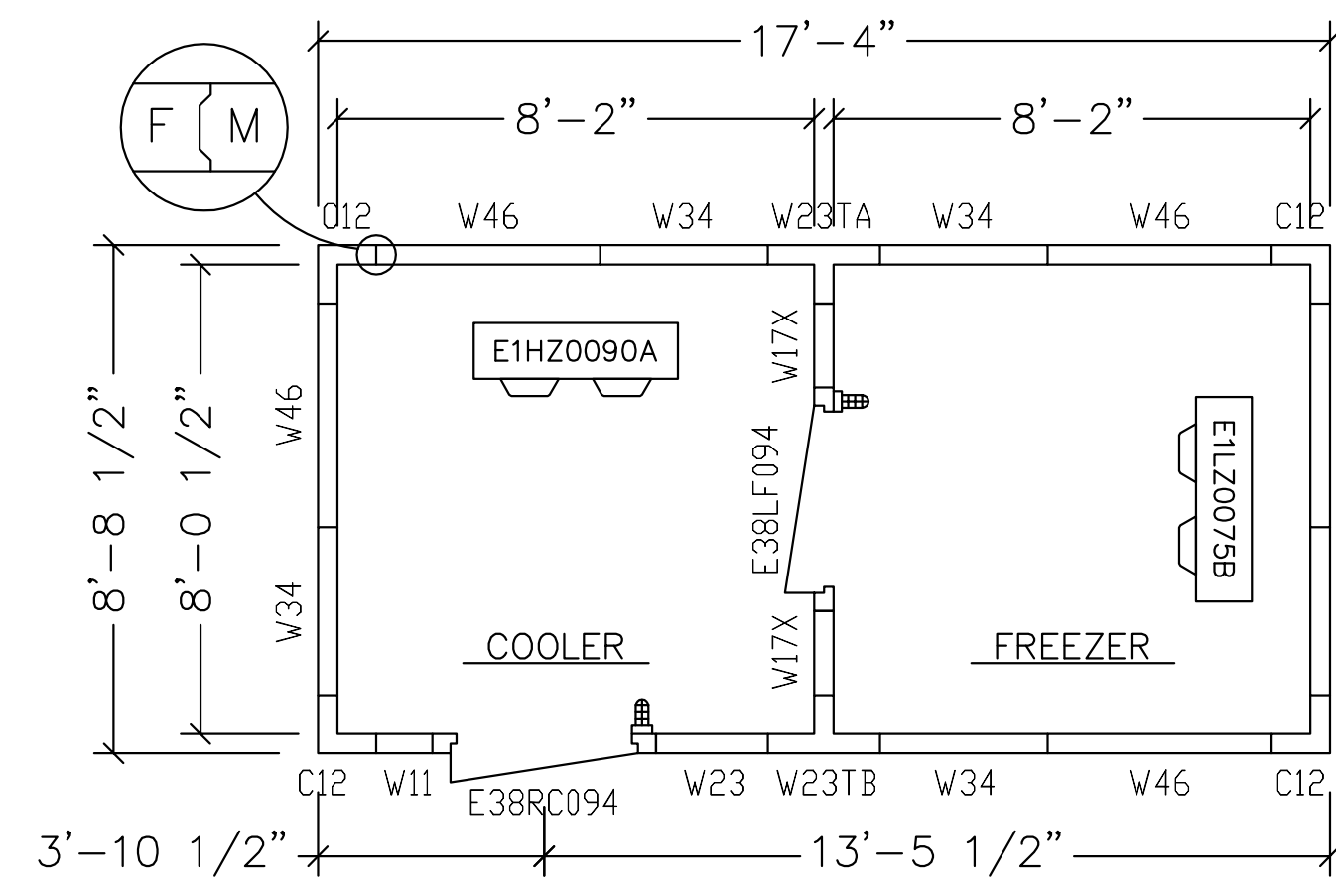
Copyright 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

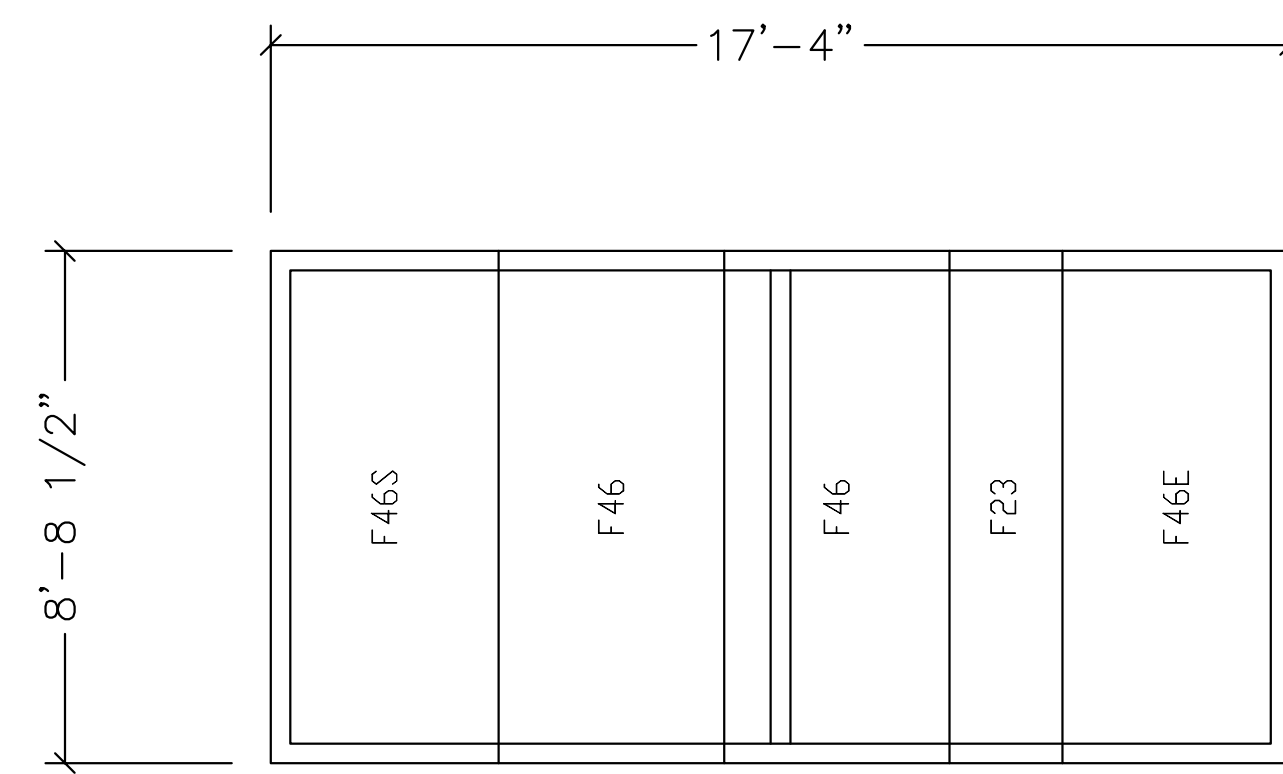
JOB No.	11006
DATE:	REV DATE:
7-12-2011	
DRAWN BY:	DRC
E.S. EQUIPMENT MECHANICAL PLAN	
SHEET NUMBER	FS5.1



ROOF PANEL PLAN

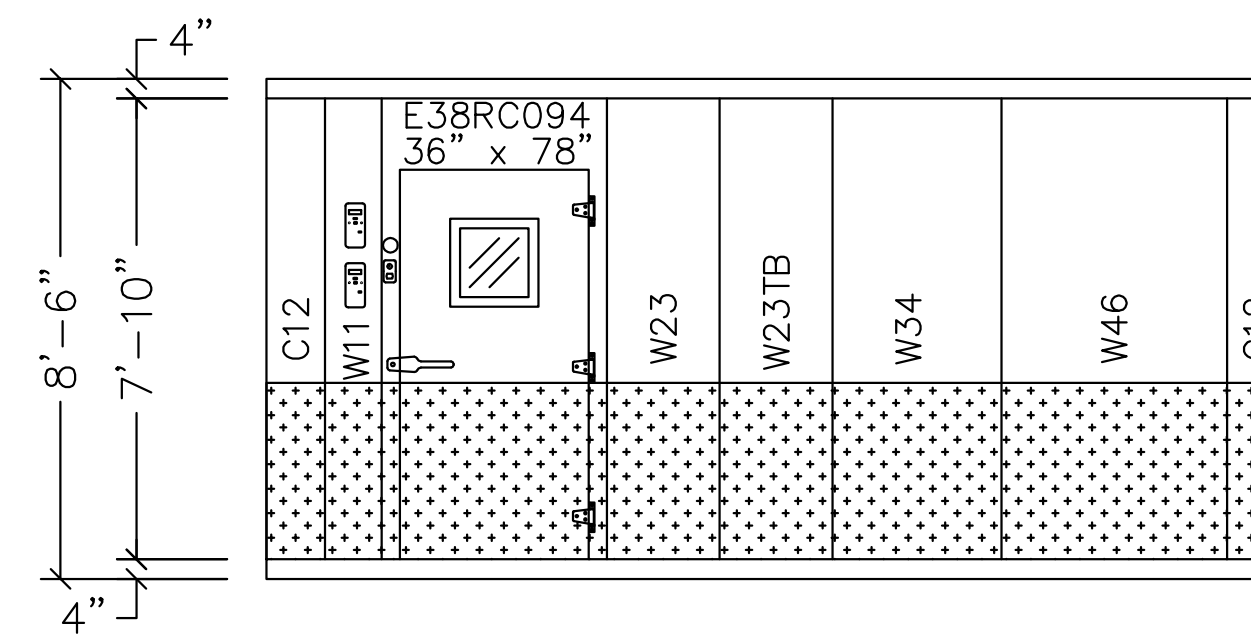


WALL PANEL PLAN



FLOOR REINFORCED WITH 3/4" PLYWOOD

FLOOR PANEL PLAN



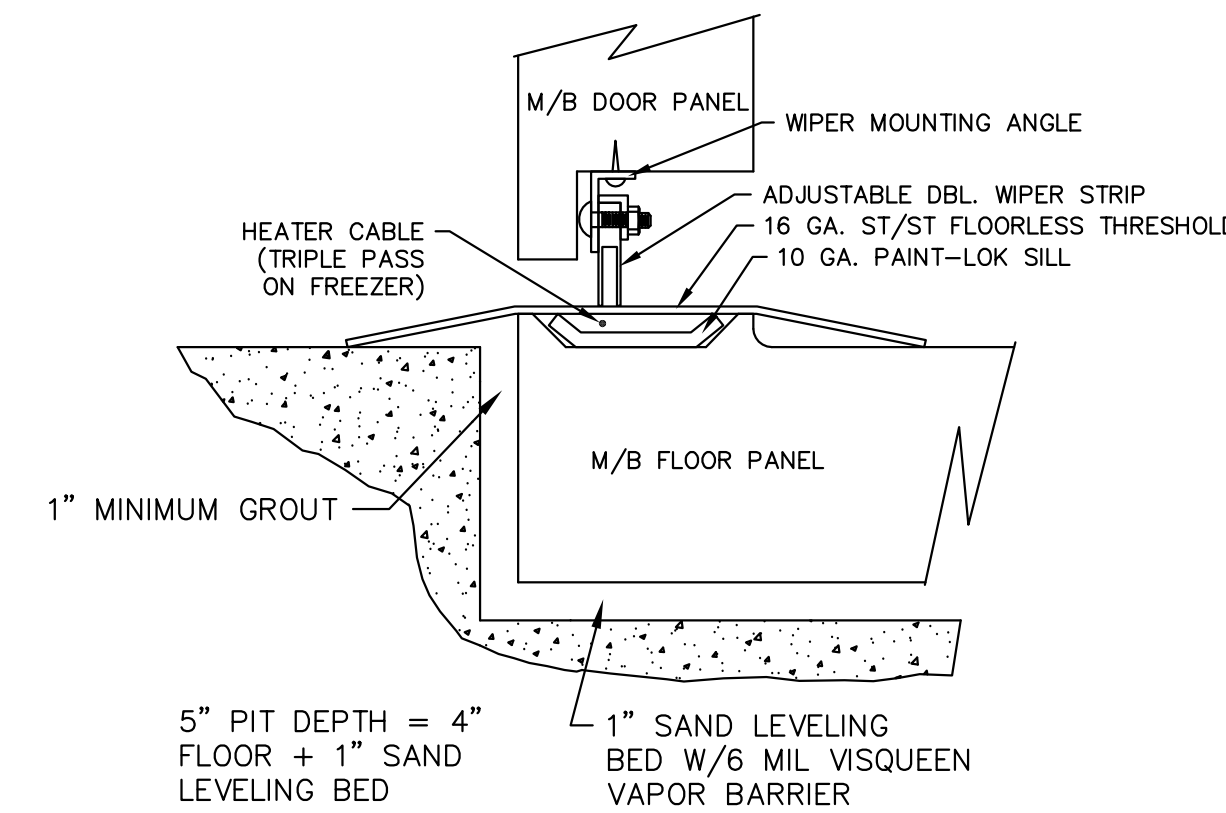
SOUTH WALL ELEVATION

ACCESSORIES:

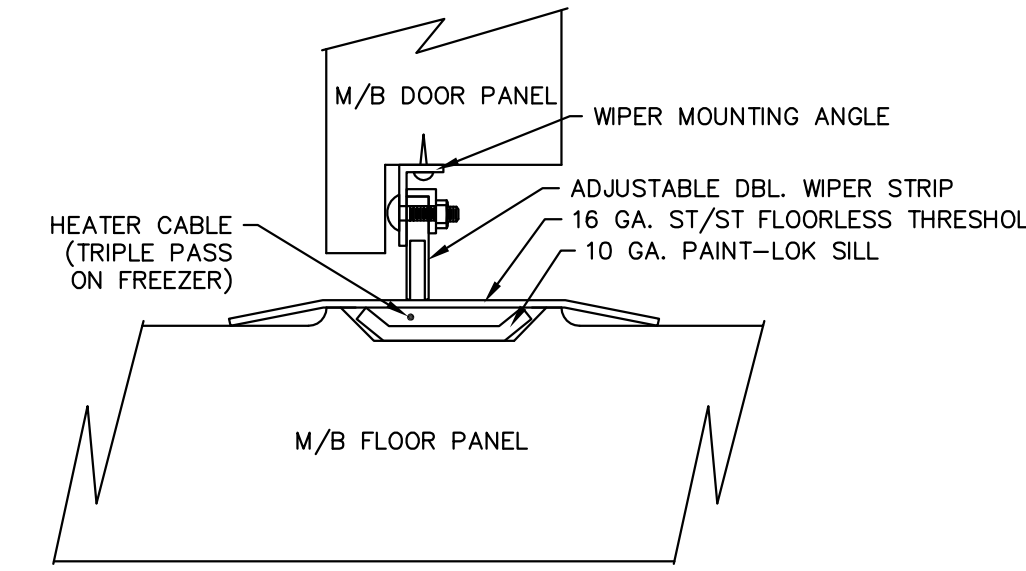
- (1) SET 3/4" PLYWOOD FLOOR UNDERLAYMENT
- (2) 36" HIGH 1/8" DIA. ALUM. KICKPLATE INT. & EXT. OF DOOR & FRAME
- (2) 3" DIAMETER DIAL THERMOMETER
- (1) 3" PRESSURE RELIEF PORT
- (2) BACKUP FOR CLEAR-VU
- (2) THIRD HINGE
- (2) 36x78 CLEAR-VU DOOR
- (2) 4FT 2-LAMP HIGH OUTPUT FLUORESCENT VAPORLUME FIXTURE
- (2) 14x14 HEATED GLASS PEEP WINDOW
- (2) MODULARM 75B MOUNTED
- (1) SET 1/8" DIA. ALUM 36" HIGH FRONT WALL
- (1) SET 50 SOF STUCCO ALUM. TRIM
- (2) PRE-ASSEMBLE KIT FOR EVAPORATOR
- (2) SOLENOID VALVE & TEMP.CONTROL KIT FOR EVAPORATOR
- (1) TIMER CONTROL

REFRIGERATION:

- SCLZ015WC: 208-230/60/3 1.5HP  
MCA: 19 MOP: 20 RLA: 5.4  
LRA: 35.5 TD: 10 RFG: R-404A  
REFRIGERANT LINE CONNECTIONS (in):  
LIQUID: 3/8 SUCTION: 7/8  
CONDENSER DIMENSIONS (in):  
L: 31 W: 39 H: 21 BASE: B WT: 235#
- E1LZ0075B: 208-230/60/1  
EVAPORATOR DIMENSIONS (in):  
L: 42 W: 15 H: 16 WT: 67#  
FAN MOTOR AMPS: .9 TD: 10  
DEFROST HTR AMPS: 7
- SCHZ010WC: 208-230/60/3 1HP  
MCA: 18 MOP: 30 RLA: 4.3  
LRA: 27 TD: 10 RFG: R-404A  
REFRIGERANT LINE CONNECTIONS (in):  
LIQUID: 3/8 SUCTION: 5/8  
CONDENSER DIMENSIONS (in):  
L: 29 W: 15 H: 18 BASE: A WT: 181#
- E1HZ0090A: 115/60/1  
EVAPORATOR DIMENSIONS (in):  
L: 42 W: 15 H: 16 WT: 69#  
FAN MOTOR AMPS: 1.8 TD: 10



FLOOR TYPE DOOR DETAIL IN PIT



FLOOR TYPE DOOR DETAIL @ PARTITION

NOT FOR CONSTRUCTION!  
PRINTS FOR APPROVAL ONLY!

THESE DRAWINGS ILLUSTRATE OUR UNDERSTANDING OF YOUR REQUESTS. THE DRAWINGS ARE SUBMITTED FOR YOUR VERIFICATION OF TYPE, QUANTITIES, SIZE, SPECIFICATION AND SUITABILITY FOR END USE.

APPROVAL OF THESE DRAWINGS CONSTITUTE ACCEPTANCE OF "AS DRAWN BY MASTER-BILT" TO YOUR REQUIREMENTS AND SPECIFICATIONS.

PLEASE SIGN ONE COPY AND RETURN. PRODUCTION IS HELD FOR APPROVAL.

APPROVED BY: \_\_\_\_\_ (NAME AND TITLE)

\_\_\_\_\_  
(COMPANY NAME & DATE)

WHEN FACING THE INTERIOR OF THE WALL PANEL, ALL VERTICAL LATCH ACCESS HOLES SHOULD BE ON THE LEFT SIDE OF THE PANEL

NOTE: ALLOW 1 INCH MINIMUM CONSTRUCTION CLEARANCE ALL AROUND WALK-IN.  
ALLOW 2 INCH MINIMUM CONSTRUCTION CLEARANCE ABOVE WALK-IN.



N. S. F.  
LISTED  
CONSTRUCTION

**PROPRIETARY INFORMATION**  
THIS DRAWING IS THE PROPERTY OF MASTER-BILT PRODUCTS. IT CONTAINS PROPRIETARY INFORMATION AND IS DISCLOSED IN CONJUNCTION WITH THE UNDERSTANDING THAT IT WILL NOT BE REPRODUCED OR COPIED, DIRECTLY OR INDIRECTLY, AND IS NOT TO BE USED IN WHOLE OR IN PART TO ASSIST IN MAKING OR TO FURNISH ANY INFORMATION FOR THE MAKING OF DRAWINGS OR PRINTS OF APPARATUS EMBODYING FEATURES, DATA OR INFORMATION DERIVED IN ANY MANNER FROM THIS DRAWING WITHOUT THE EXPRESS WRITTEN CONSENT OF MASTER-BILT PRODUCTS.  
NOTE: THESE MATERIALS ARE ALSO PROTECTED UNDER COPYRIGHT LAW AND TREATIES.

**FACTORY MUTUAL RESEARCH TESTED**  
Urethane Foam Tested Per ASTM E84-03 Test Method With Facings Removed At 2.0-2.4 lb/ft<sup>3</sup> (32-38 kg/m<sup>3</sup>) Core Foam Density.  
**FM APPROVALS PROJECT ID: 3022512**  
**FLAME SPREAD 25**  
**SMOKE DENSITY 400**  
These Numerical Values Are Not Intended To Reflect Hazards Presented By This Material Under Actual Fire Conditions. Factory Mutual Audit Inspection and Re-Examination Program Relates Only To The Above.

REFRIGERATION UNITS	SPECIFICATIONS
SCLZ015WC	4" URETHANE FOAM
E1LZ0075B	SIZE W:8'-8.5" L:17'-4" H:8'-6"
SCHZ010WC	DOOR OPNG:36" x 78"
E1HZ0090A	INT. R:.032 WHITE STUCCO ALUM.
	INT. W:.032 WHITE STUCCO ALUM.
	FIN. F:1/8" DIA. ALUMINUM
	EXT. R:.032 STUCCO ALUMINUM
	EXT. W:.032 STUCCO ALUMINUM
	FIN. F:.032 STUCCO ALUMINUM
	ROOF LOAD = ** PSF (MAX. LL + DL)

M.B. MASTER-BILT® Refrigeration Solutions	
FOOD EQ. MKT. JACKSONVILLE, AL.	DWG NO: AP-L6742
REF: DELTA GAMMA-GAMMA	PG NO: 1 of 1
QUOTE# 52654Q	
DWG BY: AL CKD BY:	DATE: 04/20/2011 SCALE: N.T.S.

**HOOD INFORMATION**

HOOD NO.	MODEL	LENGTH	MAX. COOKING TEMP.	TOTAL EXH. CFM	EXHAUST PLENUM RISER(S)					TOTAL SUP. CFM	SUPPLY PLENUM RISER(S)					HOOD CONSTRUCTION	HOOD CONFIG.	
					WIDTH	LENG.	DIA.	CFM	S.P.		WIDTH	LENG.	DIA.	CFM	S.P.		END TO END	ROW
1	5424 ND-2-PSP-F	14' 3.00"	600 Deg	3562			14"	1781	-1.136'	2850					430 SS Where Exposed	ALONE	ALONE	
2	3624 VHB-G-ND	4' 0.00"	700 Deg	600			10"	600	-0.090'	0					304 SS 100%	ALONE	ALONE	

**HOOD INFORMATION**

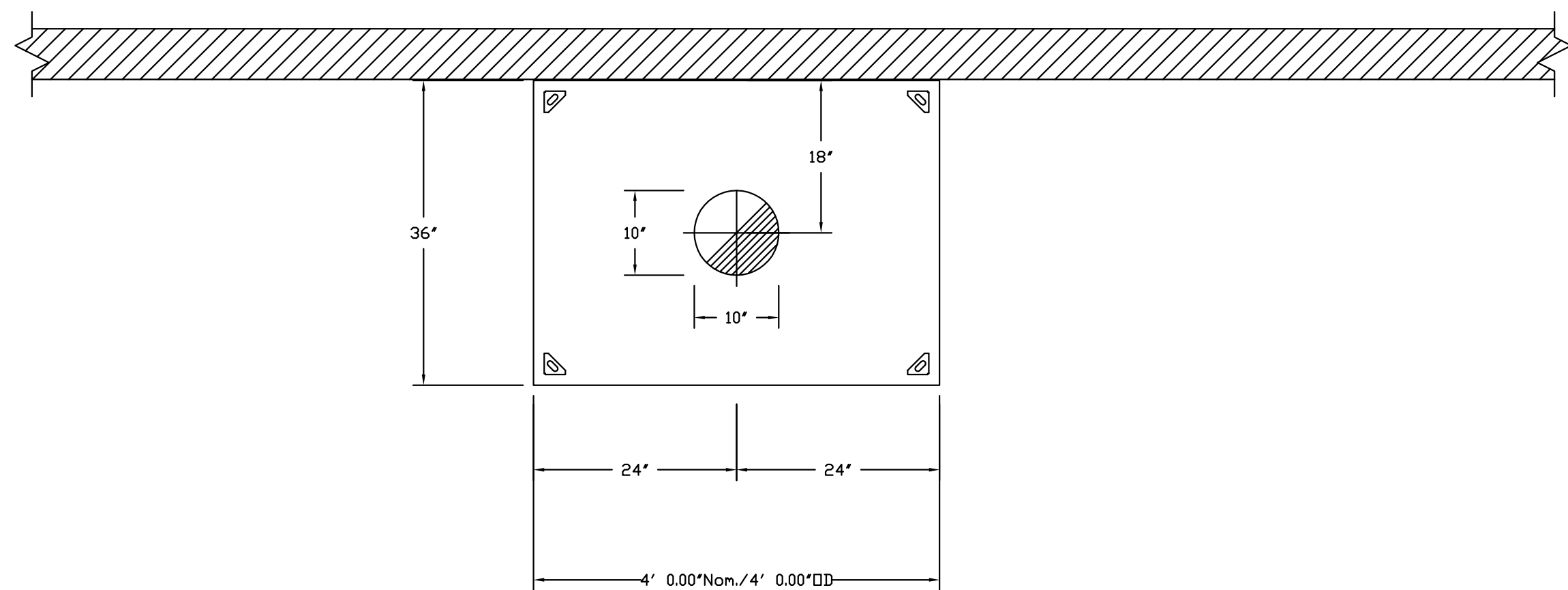
HOOD NO.	TYPE	FILTER(S)		LIGHT(S)		WIRE GUARD	LOCATION	FIRE SYSTEM		ELECTRICAL		SWITCHES		FIRE SYSTEM PIPING	HOOD HANGING WGT
		QTY	HEIGHT	LENGTH	QTY			TYPE	TYPE	SIZE	MODEL #	QUANTITY	LOCATION		
1	Captrate Solo Filter w/	2	16"	16"	10	Screw In Compact Fluore	ND							YES	732 LBS
2					0									ND	171 LBS

**HOOD OPTIONS**

HOOD NO.	OPTION
1	FIELD WRAPPER 18.00' High Front, Right
	BACKSPASH 80.00' High X 174.00' Long 430 SS
	LEFT END STANDOFF 3' Wide Insulated
	LEFT SIDESPLASH 80.00' High X 54.00' Long 430 SS
	RIGHT QUARTER END PANEL 23' Top Width, 0' Bottom Width, 23' High 430 SS
	INSULATION FOR BACK OF HOOD
2	FIELD WRAPPER 18.00' High Front, Left, Right

**PERFORATED SUPPLY PLENUM(S)**

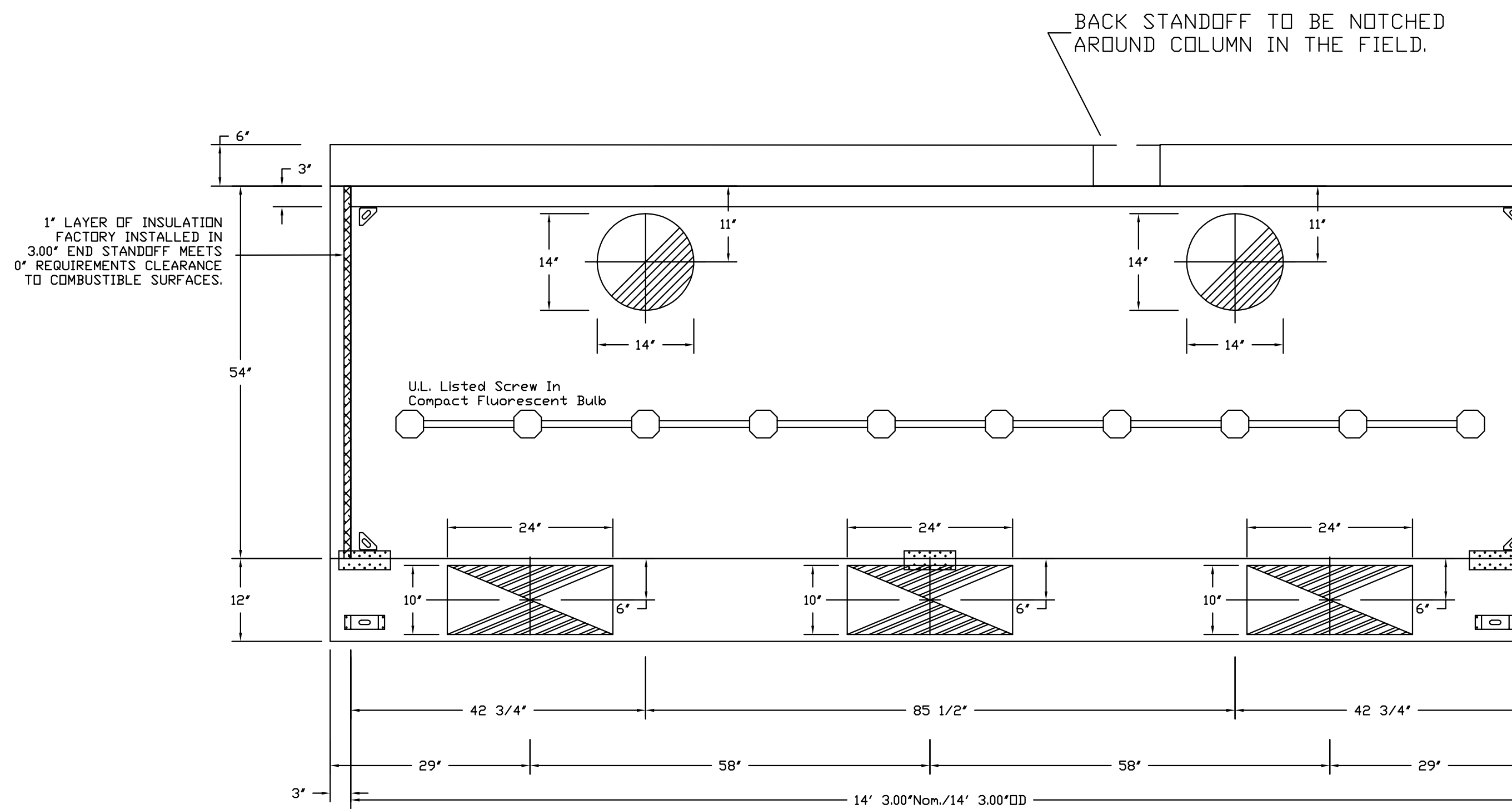
HOOD NO.	POS.	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)		
						WIDTH	LENG.	S.P.
1	Front	174"	12"	6"	MUA	10"	24"	949 0.321'
					MUA	10"	24"	949 0.321'
					MUA	10"	24"	949 0.321'



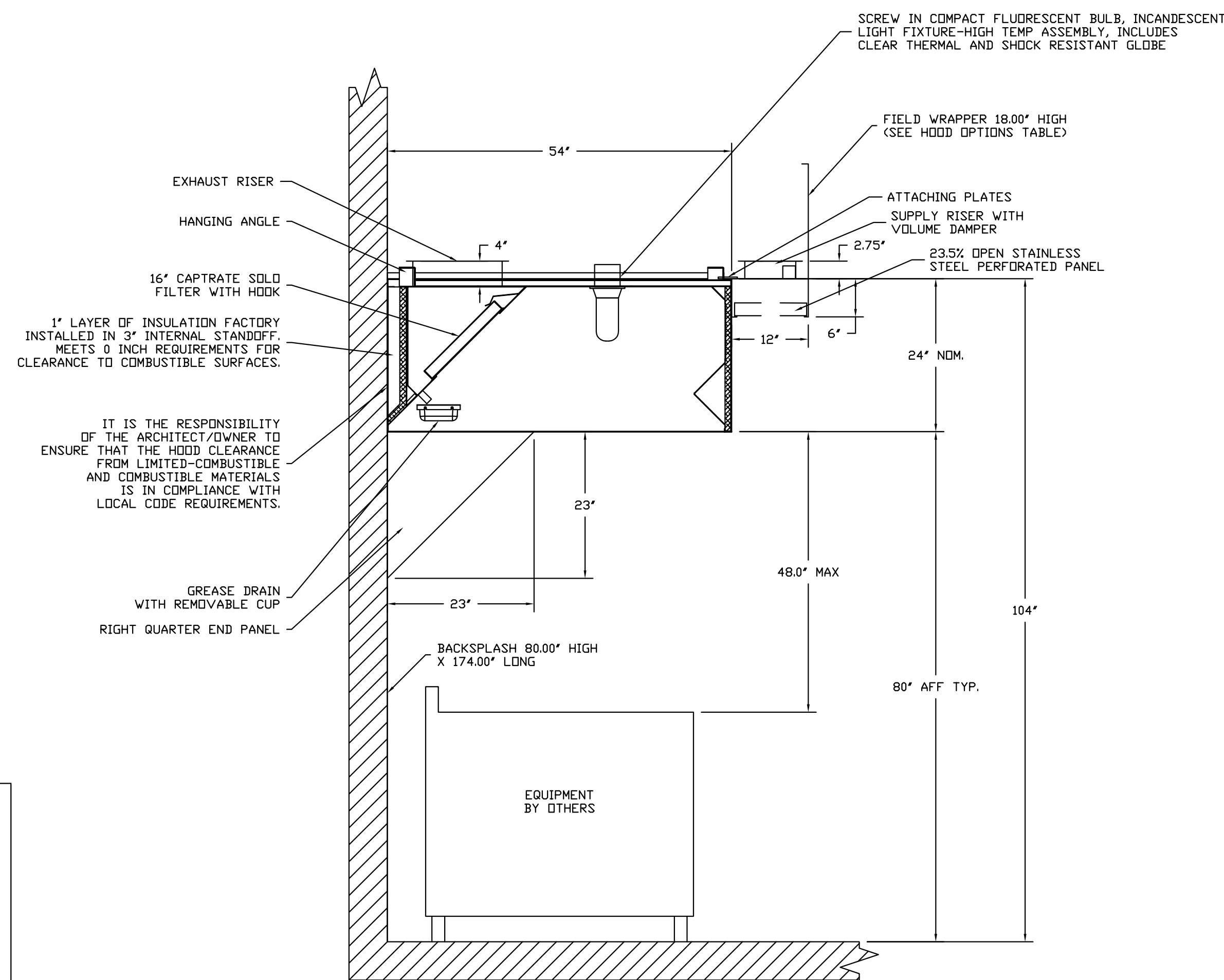
PLAN VIEW - Hood #2  
4' 0.00" LONG 3624VHB-G-ND

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH UL 710 AND NFPA 96 AND ARE RECOGNIZED BY ONE OR MORE OF THE FOLLOWING:

ETL SANITATION LISTED  
ETL LISTED FILE# 3054804-001



PLAN VIEW - Hood #1  
14' 3.00" LONG 5424ND-2-PSP-F  
NOTE: Additional hanging angles provided for hoods longer than 12 ft.



SECTION VIEW - MODEL 5424ND-2-PSP-F

FOR QUESTIONS, CALL THE CAPTIVEAIRE HIGHWOODS REGION 40 3100 SMOKETREE CT, STE 1010 RALEIGH, NC 27604  
PHONE: (919) 875-0420, (800) 965-0420  
FAX: (919) 875-0577

REVISIONS		
NO.	DESCRIPTION	DATE
1	Add Unit Hood	6-21-11

**CAPTIVE**  
HIGHWOODS GROUP  
www.captiveaire.com  
3100 SMOKETREE COURT, SUITE #1010, RALEIGH, NC 27604 PHONE: (919) 875-0420 FAX: (919) 875-0577 EMAIL: reg40@captiveaire.com

EA DELTA GAMMA SORORITY U OF TUSCALOOSA, AL

DATE: 6/21/2011

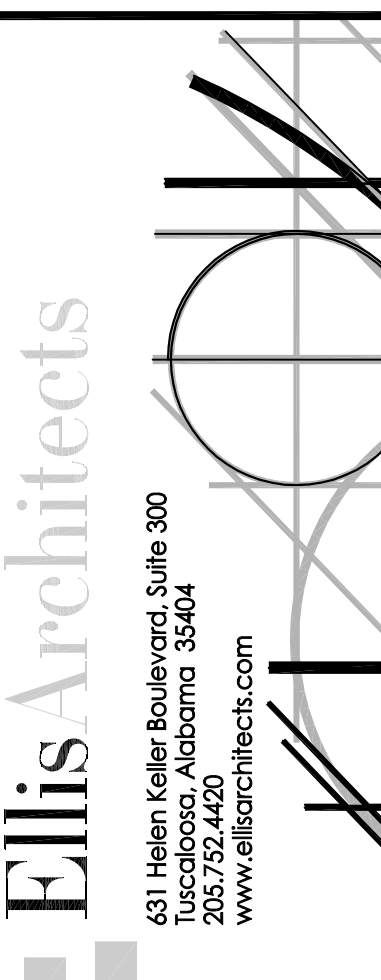
DWG.#: 1331061

DRAWN BY:

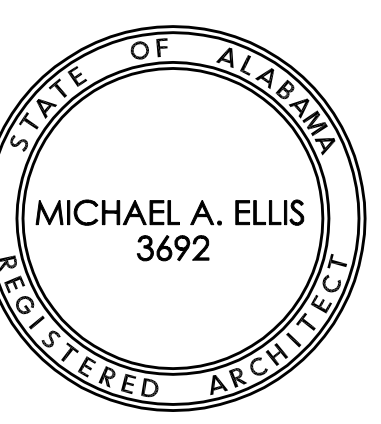
SCALE: 1/16

MASTER DRAWING

SHEET NO. 1



New Sorority House For  
BETA PSI CHAPTER OF  
DELTA GAMMA  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama



Copyright 2011 Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

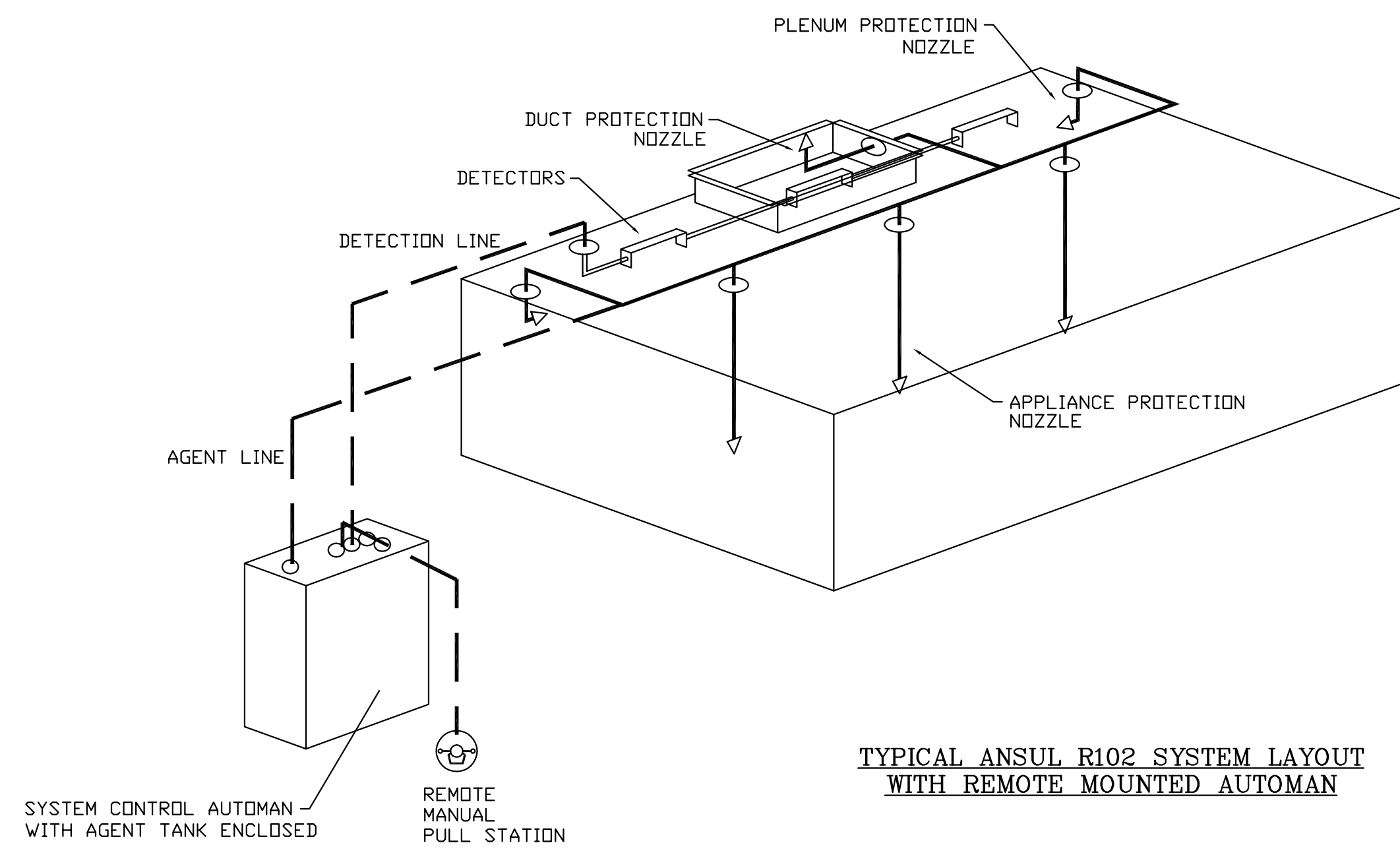
Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	7-12-2011
REV DATE:	
DRAWN BY:	DRC
F.S. EQUIPMENT VENT HOOD MANUFACTURE DETAILS	
SHEET NUMBER	FS7.1



**ELECTRICAL PACKAGES**

NO.	TAG	PACKAGE #	LOCATION	SWITCHES		ROOFTOP STARTERS	OPTION	FANS CONTROLLED				
				LOCATION	QUANTITY			TYPE	Ø	H.P.	VOLT	FLA
1		EMS11183	Wall Mount In SS Box	SS Wall Mount Box	1 Light 1 Fan 1 Other		EMS 83: Exhaust in Fire, Lights out in Fire	Exhaust	3	1.000	230	3.3
								Supply	3	1.000	460	1.7



TYPICAL ANSUL R102 SYSTEM LAYOUT WITH REMOTE MOUNTED AUTOMAN

**SPECIFICATIONS**

THE RESTAURANT FIRE SUPPRESSION SYSTEM SHALL BE THE PRE-ENGINEERED TYPE WITH A FIXED NOZZLE AGENT DISTRIBUTION NETWORK. IT SHALL BE LISTED WITH UNDERWRITERS LABORATORIES, INC. (UL)

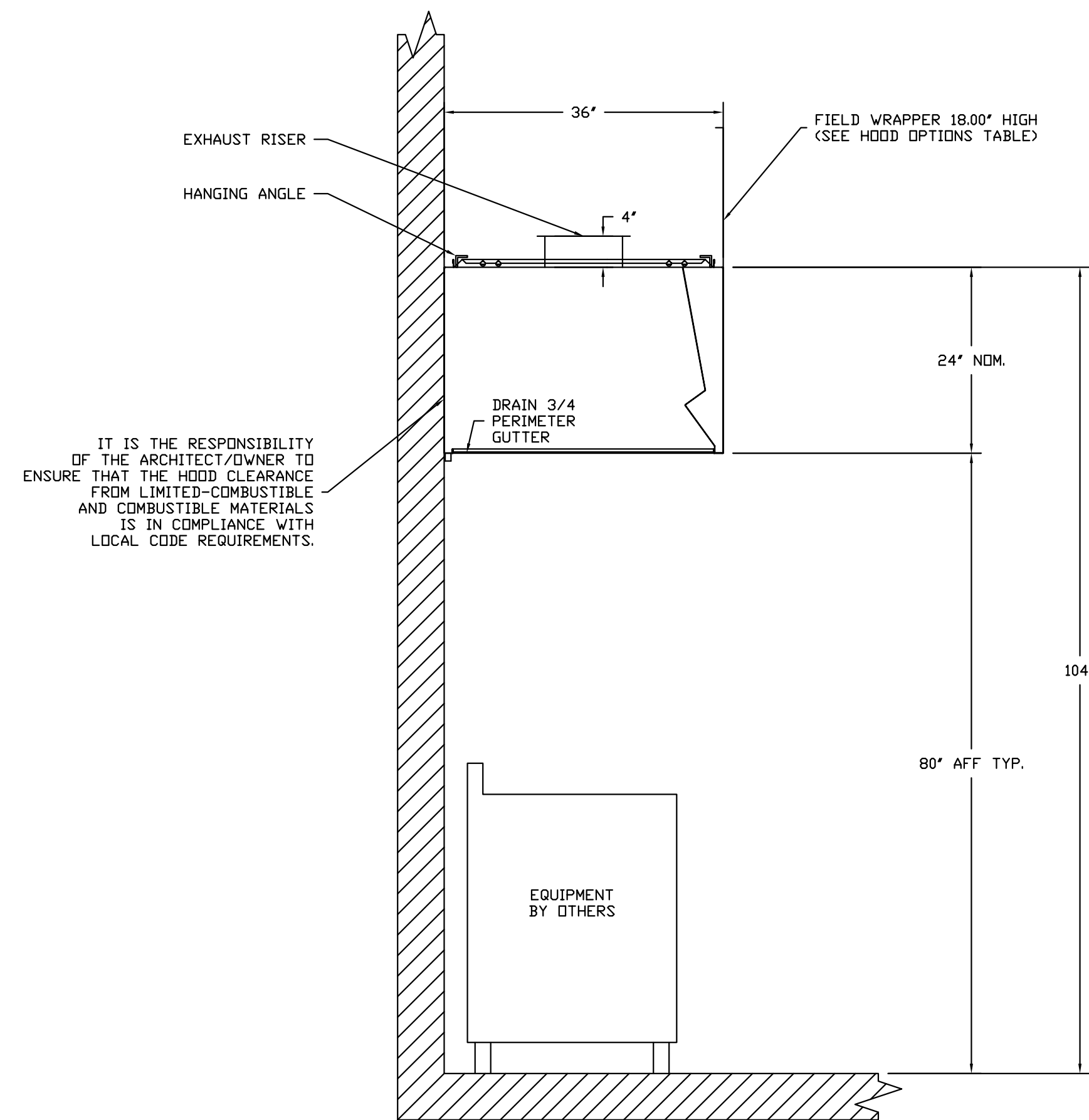
THE SYSTEM SHALL BE CAPABLE OF AUTOMATIC DETECTION AND ACTUATION WITH LOCAL OR REMOTE MANUAL ACTUATION. ACCESSORIES SHALL BE AVAILABLE FOR MECHANICAL OR ELECTRICAL GAS LINE SHUT-OFF APPLICATIONS.

THE EXTINGUISHING AGENT SHALL BE A POTASSIUM CARBONATE, POTASSIUM ACETATE-BASED FORMULATION DESIGNED FOR FLAME KNOCKDOWN AND SECUREMENT OF GREASE RELATED FIRES. IT SHALL BE AVAILABLE IN PLASTIC CONTAINERS WITH INSTRUCTIONS FOR LIQUID AGENT HANDLING AND USAGE.

THE REGULATED RELEASE MECHANISM SHALL BE COMPATIBLE WITH A FUSIBLE LINK DETECTION SYSTEM. THE FUSIBLE LINK SHALL BE SELECTED AND INSTALLED ACCORDING TO THE OPERATING TEMPERATURE IN THE VENTILATING SYSTEM. THE FUSIBLE LINK SHALL BE SUPPORTED BY A DETECTOR BRACKET/LINKAGE ASSEMBLY.

**LEGEND - WALL MOUNTED ANSUL SYSTEM**

- 1A 1.5 GALLON TANK
- 1B 3.0 GALLON TANK
- 2 AUTOMAN RELEASE
- 3 3 GALLON TANK ENCLDSURE
- 3A 6 GALLON TANK ENCLDSURE
- 4 REGULATED ACTUATOR
- 5 ANSULEX LIQUID AGENT (3 GAL.)
- 6 ANSULEX LIQUID AGENT (1.5 GAL.)
- 7 CARTRIDGE (101-20)
- 8 CARTRIDGE (101-10)
- 9 CARTRIDGE (101-30)
- 9A CARTRIDGE (LT-A-101-30)
- 9B DOUBLE TANK CARTRIDGE
- 10 TEST LINK
- 11 DOUBLE MICROSWITCH
- 2W DUCT NOZZLE (419337)
- 1W NOZZLE ASSEMBLY (419336)
- 1F NOZZLE ASSEMBLY (419333)
- 1N NOZZLE ASSEMBLY (419335)
- 1/2N NOZZLE ASSEMBLY (419334)
- 3N NOZZLE ASSEMBLY (419338)
- 245 NOZZLE ASSEMBLY (419340)
- 230 NOZZLE ASSEMBLY (419339)
- 2120 NOZZLE ASSEMBLY (419343)
- 290 NOZZLE ASSEMBLY (419342)
- 260 NOZZLE ASSEMBLY (419341)
- 28 DETECTOR BRACKET
- 29 LOW TEMP FUSIBLE LINK
- 30 HIGH TEMP FUSIBLE LINK
- MGV MECHANICAL GAS VALVE
- EGV ELECTRICAL GAS VALVE
- 34 REMOTE MANUAL PULL STATION
- S SWIVEL ADAPTOR



SECTION VIEW - MODEL 3624VHR-G-ND

1 FOODSERVICE EQUIPMENT HOOD MANUFACTURE DRAWING  
FS7.2 N.T.S.

FOR QUESTIONS, CALL THE  
CAPTIVEAIRE HIGHWOODS REGION 40  
3100 SMOKETREE CT, STE 100 RALEIGH, NC 27604  
PHONE: (919) 875-0420, (800) 965-0420  
FAX: (919) 875-0577

REVISIONS	
NO.	DESCRIPTION
1	Added Dish Hood
2	
3	
4	
5	

EA DELTA GAMMA SORORITY U OF TUSCALOOSA, AL

DATE: 4/25/2011  
DWG.#: 1331061  
DRAWN BY:  
SCALE: 1/16  
MASTER DRAWING

SHEET NO. 2

**CAPTIVEAIRE**  
HIGHWOODS GROUP  
www.captiveaire.com  
3100 SMOKETREE COURT, SUITE #100, RALEIGH, NC 27604 PHONE: (919) 875-0420 FAX: (919) 875-0577 EMAIL: reg40@captiveaire.com

EA DELTA GAMMA SORORITY U OF TUSCALOOSA, AL

DATE: 4/25/2011  
DWG.#: 1331061  
DRAWN BY:  
SCALE: 1/16  
MASTER DRAWING

SHEET NO. 2

Foodservice Facilities Design Consultants  
**culinary design studio**  
861 Cedar Trace, S.W.  
Lithium, GA 30047  
(404) 423-4134  
www.culinary-designstudio.com

**Ellis Architects**  
611 Hobbsville Road, Suite 300  
Tuscaloosa, Alabama 35404  
205.327.2420  
www.ellisarchitect.com

New Sorority House For  
**BETA PSI CHAPTER OF DELTA GAMMA**  
THE UNIVERSITY OF ALABAMA - NO.: 831-10-277  
Tuscaloosa, Alabama

STATE OF ALABAMA  
REGISTERED ARCHITECT  
MICHAEL A. ELLIS  
3692

Copyright 2011  
Ellis Architects, Inc.  
Ellis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Ellis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Ellis Architects.

Do Not Scale From Drawings.  
Contractor must verify all dimensions prior to construction.

JOB No.	11006
DATE:	REV DATE:
7-12-2011	
DRAWN BY:	DRC
F.S. EQUIPMENT VENT HOOD MANUFACTURE DETAILS	
SHEET NUMBER	FS7.2

