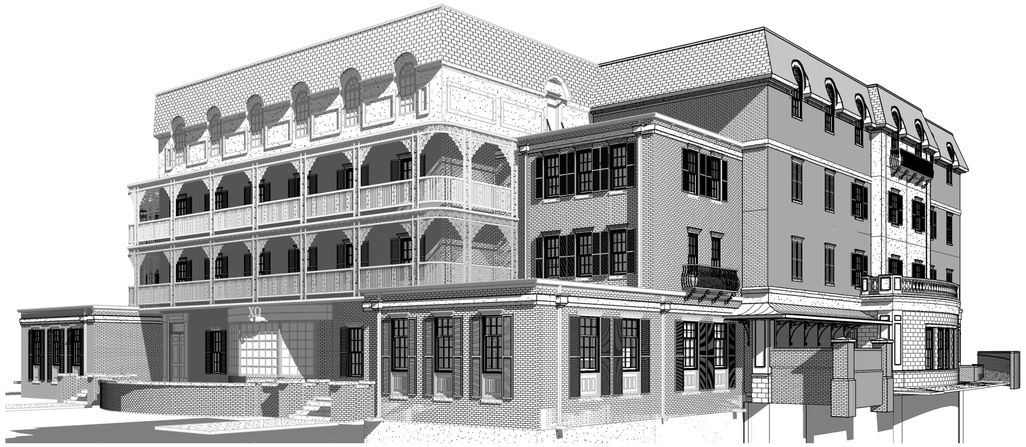
Interior Renovations and Additions for:

Chi Omega Sorority

The University of Alabama Campus
Tuscaloosa, Alabama

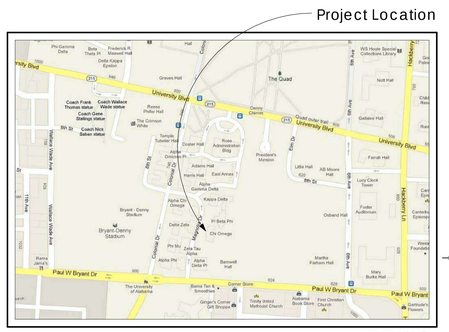
UA Project No. 910-12-024
ABC Project No. 2012224
EA Project No. 11039



Front of Building - Drawing Model



Rear of Building - Drawing Model



Vicinity Map of Tuscaloosa, Alabama Not to Scale

GENERAL NOTES

1. 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.
2. All work shall conform to the requirements of the latest edition of the International Building Code and of state and local authorities having jurisdiction.
3. 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.
4. 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.
5. Contractor and subcontractors shall coordinate their work with all other subcontractors to facilitate a smooth work progression.
6. 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.
7. 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.
8. 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.
9. Subcontractors 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. Subcontractor shall maintain the project site in a neat and safe condition at all times.
10. Contractor shall submit all samples and color selections to Architect for approval.
11. Contractor shall verify all dimensions prior to commencing any construction work and shall bring any discrepancies to the attention of the Architect.
12. Contractor shall provide a flagman at all times when work is being performed to coordinate traffic flow and deliveries.

Architect

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2110 8th Street
Tuscaloosa, AL 35401
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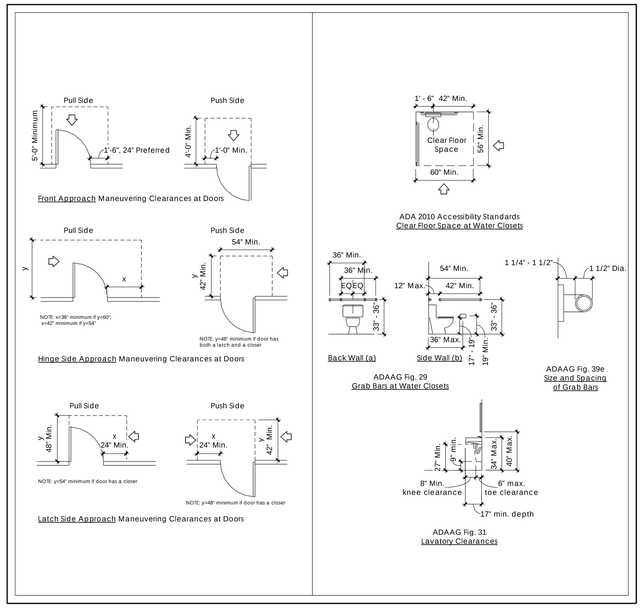
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Pell City, AL 351253
(205) 884-5334

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Culinary Design Studio
861 Cedar Trace, S.W.
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STANDARD ACCESS GUIDELINE DETAILS



Volume No. 1, 2 & 3

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Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

STATE OF ALABAMA
MICHAEL A. ELLIS
3692
REGISTERED ARCHITECT

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Title Sheet

SHEET NUMBER T1.0

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INDEX TO DRAWINGS

Volume No. 1

GENERAL

T1.0	Title Sheet
T1.1	Sheet Index
LS1.0	Life Safety Plan
LS1.1	Life Safety Plan
LS1.2	Life Safety Plan
LS1.3	Life Safety Plan
LS1.4	Life Safety Plan

CIVIL

C0.10	Site Project Notes & Legend
C1.00	Site Demolition Plan
C1.01	Site Erosion Control Plan
C1.02	Site Paving Plan
C1.03	Site Grading Plan
C1.04	Site Utility Plan
C2.00	Site Standard Details
C2.01	Site Standard Details
C2.02	Site Standard Details
C2.03	Site Standard Details
C2.04	Site Standard Details

STRUCTURAL

S0.0	Isometric Views
S0.1	General Notes & Special Inspections
S0.2	Typical Details
S0.3	Schedules
S1.1	Basement Foundation Plan
S2.1	1st Floor Framing Plan
S2.2	2nd Floor Framing Plan
S2.3	3rd Floor Framing Plan
S2.4	4th Floor Framing Plan
S3.1	Roof Framing Plan
S4.1	X-Brace Elevations
S4.2	X-Brace Elevations
S5.1	Section Cuts & Details
S5.2	Section Cuts & Details
S5.3	Section Cuts & Details
S5.4	Section Cuts & Details
S5.5	Section Cuts & Details
S5.6	Section Cuts & Details
S5.7	Section Cuts & Details
S5.8	Section Cuts & Details

ARCHITECTURAL

D0.1	Site Demo Plan
D1.0	Demolition Plan Basement Level
D1.1	Demolition Plan 1st Level
D1.2	Demolition Plan 2nd Level
D1.3	Demolition Plan 3rd & 4th Level
A0.1A	Architectural Site Plan
A0.2	3-D Views
A1.0	New Plan - Basement Level
A1.1	New Plan - 1st Level
A1.2	New Plan - 2nd Level
A1.3	New Plan - 3rd Level
A1.4	New Plan - 4th Level - Base Bid
A1.4A	New Plan - 4th Level
A1.5	Stair 1 & 2 Plan
A1.6	Large Scale Plans
A1.7	Large Scale Plans
A1.8	Large Scale Plans
A1.9	Wall Types
A2.0	Reflected Ceiling Plan
A2.1	Reflected Ceiling Plan
A2.2	Reflected Ceiling Plan
A2.3	Reflected Ceiling Plan
A2.4A	Reflected Ceiling Plan
A3.0	Roof Plan
A4.0	Exterior Elevations

Volume No. 2

A4.1	Exterior Elevations
A4.2	Exterior Elevations
A4.3	Exterior Perspectives
A5.0	Door Schedule
A5.1	Door/Window Schedule
A5.2	Door Details
A5.3	Window Details
A6.0	Building Sections
A6.1	Building Sections
A6.2	Building Sections
A6.3	Building Sections
A6.4	Building Section
A6.5	Building Sections
A6.6	Building Section
A7.0	Wall & Stair Sections
A7.1	Wall Sections
A8.0	Paving and Fencing Plan
A8.0A	Alt. Paving & Fencing Plan
A8.1	Site Details
A8.2	Site Details
A8.3	Details
A8.4	Details
A8.5	Details
A8.6	Details
A8.7	Details
A8.8	Details
A8.9	Plan Details
A9.0	Finish Plan Basement Level
A9.1	Finish Plan First Level
A9.2	Finish Plan Second Level
A9.3	Finish Plan Third Level
A9.4	Finish Plan Fourth Level
A10.1	Interior Elevations
A10.2	Interior Elevations
A10.3	Interior Elevations
A10.4	Interior 3D Views
A11.1	Interior Details
A11.2	Interior Details
A11.3	Interior Details

FIRE PROTECTION

FP1.0	Basement Fire Plan
FP1.1	First Floor Fire Plan
FP1.2	Second Floor Fire Plan
FP1.3	Third Floor Fire Plan
FP1.4	Fourth Floor Fire Plan
FP1.4A	Fourth Floor Fire Plan - Alternate

PLUMBING

P0.1	Schedules and Details
P0.2	Sanitary Riser
P1.0	Basement Demo Plumbing Plan
P1.1	1st Floor Demo Plan
P1.2	2nd Floor Demo Plan
P1.3	3rd & 4th Floor Demo Plan
P2.0	Basement Sanitary Plan
P2.1	1st Floor Sanitary Plan
P2.2	2nd Floor Sanitary Plan
P2.3	3rd Floor Sanitary Plan
P2.4	4th Floor Sanitary Plan
P2.4A	4th Floor Sanitary Plan - Alternate
P2.5	Roof Sanitary Plan
P3.0	Basement Piping Plan
P3.1	1st Floor Piping Plan
P3.2	2nd Floor Piping Plan
P3.3	3rd Floor Piping Plan
P3.4	4th Floor Piping Plan
P3.4A	4th Floor Piping Plan - Alternate

Volume No. 3

MECHANICAL

M0.1	HVAC Details and Schedules
M1.0	Basement Demo HVAC Plan
M1.1	1st Floor Demo HVAC Plan
M1.2	2nd Floor Demo HVAC Plan
M1.3	3rd Floor Demo HVAC Plan
M1.4	4th Floor Demo HVAC Plan
M2.0	Basement HVAC Plan
M2.1	1st Floor HVAC Plan
M2.2	2nd Floor HVAC Plan
M2.3	3rd Floor HVAC Plan
M2.4	4th Floor HVAC Plan
M2.4A	4th Floor HVAC Plan - Alternate
M2.5	Roof HVAC Plan
M3.1	2nd Floor HVAC Piping Plan
M3.2	3rd Floor HVAC Piping Plan
M3.3	4th Floor HVAC Piping Plan
M3.4A	4th Floor HVAC Piping Plan - Alternate

ELECTRICAL

E0.1	Symbols, Risers & Details
E0.2	Schedules and Details
E1.0	Electrical Demo Plans
E1.1	Electrical Demo Plans
E1.2	Electrical Demo Plans
E2.0	Basement Power Plan
E2.1	First Floor Power Plan
E2.2	Second Floor Power Plan
E2.3	Third Floor Power Plan
E2.4	Fourth Floor Power Plan
E2.4A	Fourth Floor Power Plan - Alternate
E2.5	Roof Power Wiring Plan
E2.6	Kitchen Plan and Schedule
E3.0	Basement Lighting Plan
E3.1	First Floor Lighting Plan
E3.2	Second Floor Lighting Plan
E3.3	Third Floor Lighting Plan
E3.4	Fourth Floor Lighting Plan
E3.4A	Fourth Floor Lighting Plan - Alternate
E4.0	Basement Auxiliary Plan
E4.1	First Floor Auxiliary Plan
E4.2	Second Floor Auxiliary Plan
E4.3	Third Floor Auxiliary Plan
E4.4	Fourth Floor Auxiliary Plan
E4.4A	Fourth Floor Auxiliary Plan - Alternate

FOOD SERVICE

FS1.1	F.S. Equipment Plan & Schedule
FS1.2	F.S. Equipment Schedule
FS2.1	F.S. Equipment Electric Plan & Schedule
FS3.1	F.S. Equipment Plumbing Plan & Schedule
FS4.1	F.S. Equipment Special Conditions Plan
FS5.1	F.S. Equipmnent Walk-in Manufacture Drawing
FS6.1	F.S. Elevations and Details

ARCHITECTURAL SYMBOLS LEGEND

- FEC — Indicates location of fire extinguisher cabinet, see specifications.
- Indicates location of electrical panel, see specifications.
- DS — Indicates location of METAL DOWNSPOUT with PVC boot to underground piping. Piping to release at concrete curb onto asphalt surface, see Civil.
- 8 — Indicates window number, see window schedule on sheet A5.1
- 1 / S1 — Indicates Architectural plan notes, see sheet A1.1
- A100 — Indicates door number, see door schedule on sheet A5.1
- 1 / A10.1 — Indicates typical interior elevation, see sheets A10.1 & A10.2

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Sheet Index

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Building Classifications (All Levels)

International Building Code 2009

Occupancy	Type of Construction	Allowable Stories Above Grade	Stories Provided Above Grade
A-3	TYPE II-A	4*	4
Non-Separated Uses			
A2, A3, B, R-2			
Floor Areas			
Level/Floor	Allowable Floor Areas	Floor Area Provided	
ALL FLOORS A-3	46,500 PER FLOOR WITH SPRINKLER INCREASE (MOST STRINGENT A-3 OCCUPANCY)	5,620 BASEMENT 9,700 FIRST FLOOR 8,250 SECOND FLOOR 8,250 THIRD FLOOR 6,540 FOURTH FLOOR	
As per Table 503 and Section 506.3 * with sprinkler increase		**38,360 TOTAL GSF**	

Fire Resistance Requirements (All Levels)

International Building Code 2009

Building-Type II-A Sprinklered *Component*	Rating Required	Rating Provided
Structural Frame -including columns, girders, trusses	1	1
Bearing Walls Exterior Interior	1 1	1 NA
Nonbearing Walls and Partitions Exterior	1(0*)	NA
Nonbearing Walls and Partitions Interior	0	0
Roof Construction -including supporting beams and joists	1	1

As per Table 601

* 0 HR Rating where separation is 30'
**1/2 Hour Dwelling Unit Separations Provided
Note: See reflected ceiling plans and sections for additional rated assemblies.

Floor/Ceiling Separations Provided (All Levels)

Floor/Ceiling Component	Rating Required	Ratings Provided
Basement / First Floor	1 hr.	1 hr.
First Floor/Second Floor	1 hr.	1 hr.
Second Floor/ Third Floor	1 hr.	1 hr.
Third Floor/Fourth Floor	1 hr.	1 hr.
Fourth Floor/Roof	1 hr.	1 hr.

Plumbing Fixture Requirements - Everyday Use (All Levels)

International Building Code 2009

Location	Persons	Water Closets Required see section 419.2 of the IPC for urinals male	Water Closets Required female	Water Closets Supplied male	Water Closets Supplied female	Urinals Supplied (included in WC)	Lavatories Required male	Lavatories Required female	Lavatories Supplied male	Lavatories Supplied female	Tubs or Showers Required	Tubs or Showers Supplied	Drinking Fountains Required	Drinking Fountains Supplied	Other Required	Other Supplied
Basement (A-3, B, S)	356	3	6	3	6	1	2	2	2	4	1	1	1	2		2 Serv Sink
First Level (A-2, A-3)	414															
	770 Total															
Second Floor (R-2)	54	0	6	0	8	0	0	6	0	12	7	8	0**	0**	1 Serv Sink	1 Serv Sink
Third Floor (R-2)	54	0	6	0	8	0	0	6	0	12	7	8	0**	0**		1 Serv Sink
Fourth Floor (R-2)	53	0	6	0	4	0	0	6	0	6	2	4	0**	0**		1 Serv Sink
TOTAL	1,127	3	24	3	26	1	2	20	2	34	17	21	3**	3**	1 Serv Sink	5 Serv Sink

*Basement and First floor fixtures calculated with 50% male, 50% female. Second, Third and Fourth floor calculated as 100% female.
**Provided on lower level. Self serve drink area also provided on 1st level.
***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 (Basement Level)

International Building Code 2009

Occupant Load	Min. No. of Exits Required	Number of Exits Provided	Min. Exit Width Required	Exit Width Provided	Min. Stair Width Required	Stair Width Provided	Max. Distance to Exits Allowed
356	2	3	0.2 X 356= 71.2"	88" *	106.8"	132" **	250 FEET (GROUP A-3)

As per Tables 720, 1005.1, 1014.1,1015.1, 1016.1,1018.1
*provided at chapter room
** provided by all three stairs combined

Occupant Load (Basement)

International Building Code 2009

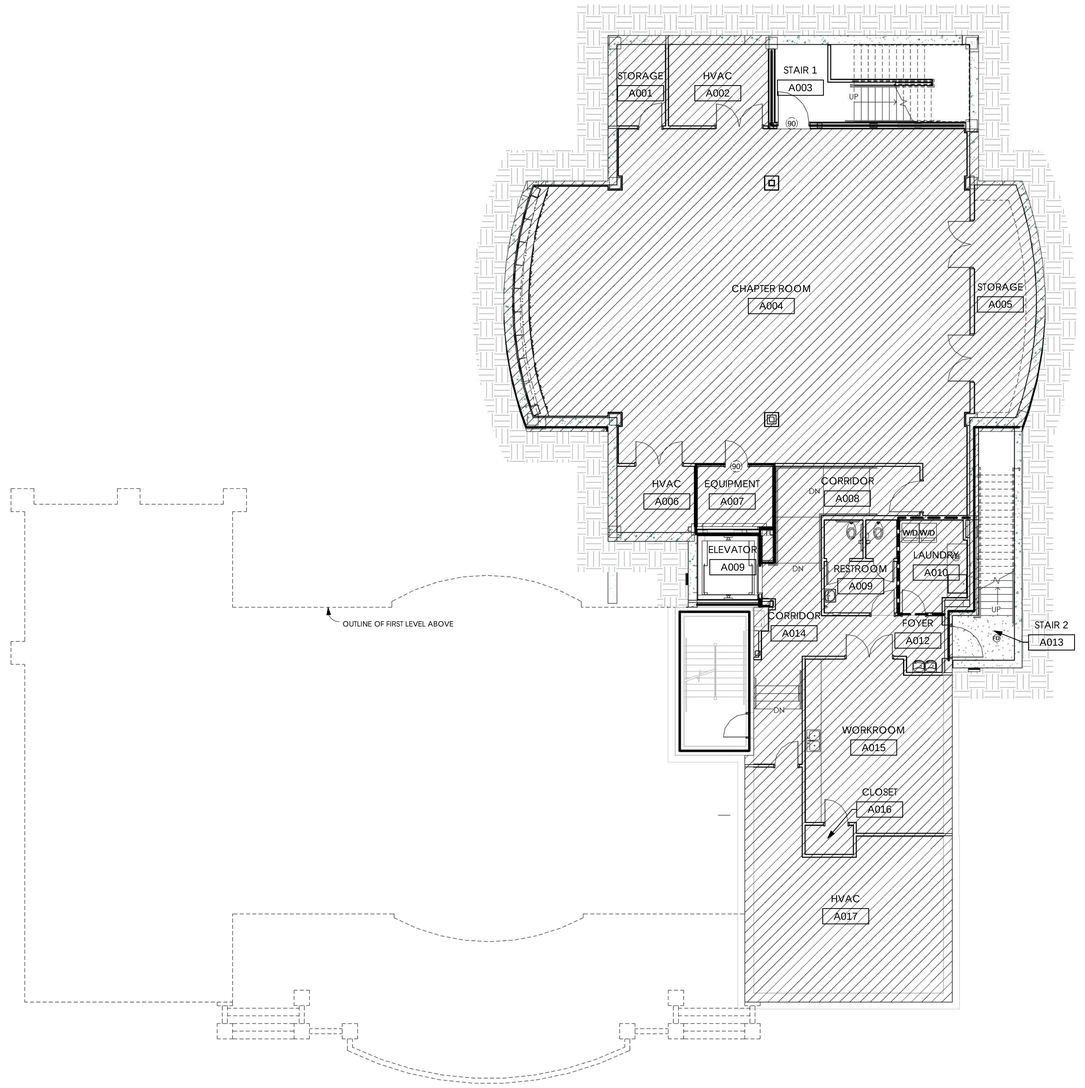
Function of Space	Calculation Basis	Occupant Load
Storage / Mechanical	1 per 300 S.F. Net	5
Restrooms/Office/Corridors	1 per 100 S.F. Gross	12
Assembly - Concentrated - Chapter Room	1 per 7 S.F. Net	339
	Total Occupants	**356**

Fire Protection / Life Safety Legend

- SMOKE RATED PARTITION - CONSTRUCT AS UL U465 - SMOKE RATE PENETRATIONS
- 1 HOUR FIRE BARRIER/PARTITION CONSTRUCTION — UL U465
- 2 HOUR FIRE BARRIER/PARTITION CONSTRUCTION — UL U412 / U438
- 1 HOUR FIRE RATED FLOOR/CEILING ASSEMBLY - SEE SECTIONS FOR UL ASSEMBLIES
- (90) 90 MINUTE FIRE RATED DOOR
- (60) 60 MINUTE FIRE RATED DOOR
- (45) 45 MINUTE FIRE RATED DOOR
- EGRESS PATH - DIRECTION OF TRAVEL
- FEC FIRE EXTINGUISHER CABINET
- XL EXIT SIGN - SEE ELECTRICAL
- DESIGNATED ACCESSIBLE ROOM AND HEARING & VISION IMPAIRED

Spray Applied Fire Resistive Material Notes

1. APPLY 1 HOUR RATING AT ALL NEW STEEL COLUMNS - ALL SIDES OF COLUMN.
2. APPLY 1 HOUR RATING AT ALL BEAMS SUPPORTING THE FIRST FLOOR. BAR JOISTS AT FIRST FLOOR LEVEL DO NOT REQUIRE SPRAY FIRE RESISTIVE MATERIAL.
3. APPLY 1 HOUR AT ALL BEAMS SUPPORTING 2ND, 3RD AND 4TH FLOORS WHERE THE BEAM SUPPORTS MORE THAN 1 LEVEL OF FLOOR LOAD OR SERVES AS A TRANSFER BEAM FOR A COLUMN ABOVE.
4. X BRACING DOESN'T REQUIRE SPRAY FIRE RESISTIVE MATERIAL.
5. **1 HOUR RATING SHALL BE ACHIEVED IN ALL LOCATIONS WITH LESS THAN 1" OF THICKNESS OF SPAY APPLIED FIRE RESISTIVE MATERIAL.**



1 LS1.0 — LIFE SAFETY PLAN - BASEMENT LEVEL
1/8" = 1'-0"

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Life Safety Plan

SHEET NUMBER LS1.0

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Building Classifications (All Levels)

International Building Code 2009

Occupancy	Type of Construction	Allowable Stories Above Grade	Stories Provided Above Grade
A-3	TYPE II-A	4*	4

Non-Separated Uses

A2, A3, B, R-2

Floor Areas

Level/Floor	Allowable Floor Areas	Floor Area Provided
ALL FLOORS A-3	46,500 PER FLOOR WITH SPRINKLER INCREASE (MOST STRINGENT A-3 OCCUPANCY)	5,620 BASEMENT 9,700 FIRST FLOOR 8,250 SECOND FLOOR 8,250 THIRD FLOOR 6,540 FOURTH FLOOR
As per Table 503 and Section 506.3 * with sprinkler increase		**38,360 TOTAL GSF**

Fire Resistance Requirements (All Levels)

International Building Code 2009

Building-Type II-A Sprinklered *Component*	Rating Required	Rating Provided
Structural Frame -including columns, girders, trusses	1	1
Bearing Walls Exterior Interior	1 1	1 NA
Nonbearing Walls and Partitions Exterior	1(0*)	NA
Nonbearing Walls and Partitions Interior	0	0
Roof Construction -including supporting beams and joists	1	1

As per Table 601

* 0 HR Rating where separation is 30'
**1/2 Hour Dwelling Unit Separations Provided
Note: See reflected ceiling plans and sections for additional rated assemblies.

Floor/Ceiling Separations Provided (All Levels)

Floor/Ceiling Component	Rating Required	Ratings Provided
Basement / First Floor	1 hr.	1 hr.
First Floor/Second Floor	1 hr.	1 hr.
Second Floor/ Third Floor	1 hr.	1 hr.
Third Floor/Fourth Floor	1 hr.	1 hr.
Fourth Floor/Roof	1 hr.	1 hr.

Fire Protection / Life Safety Legend

- SMOKE RATED PARTITION - CONSTRUCT AS UL U465 - SMOKE RATE PENETRATIONS
- 1 HOUR FIRE BARRIER/PARTITION CONSTRUCTION — UL U465
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- 1 HOUR FIRE RATED FLOOR/CEILING ASSEMBLY - SEE SECTIONS FOR UL ASSEMBLIES
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- EGRESS PATH - DIRECTION OF TRAVEL
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- (XL) EXIT SIGN - SEE ELECTRICAL
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5. **1 HOUR RATING SHALL BE ACHIEVED IN ALL LOCATIONS WITH LESS THAN 1" OF THICKNESS OF SPAY APPLIED FIRE RESISTIVE MATERIAL.**

Occupant Load (First Level)

International Building Code 2009

Function of Space	Calculation Basis	Occupant Load
Dining Room	1 per 15 S.F. Net	185
Commercial Kitchen	1 per 200 S.F. Gross	6
Restrooms/Office/Corridors	1 per 100 S.F. Gross	17
House Director	1 per 200 S.F. Gross	3
Recreation/Sitting/Living/Library/Conf.	1 per 15 S.F. Net	203
Courtyard Additional Occupants = 228 (15/ Net)	**Total Occupants**	**414**

Plumbing Fixture Requirements - Everyday Use (All Levels)

International Building Code 2009

Location	Persons	Water Closets Required see section 419.2 of the IPC for urinals male	female	Water Closets Supplied male	female	Urinals Supplied (included in WC)	Lavatories Required male	female	Lavatories Supplied male	female	Tubs or Showers Required	Tubs or Showers Supplied	Drinking Fountains Required	Drinking Fountains Supplied	Other Required	Other Supplied
Basement (A-3, B, S)	356	3	6	3	6	1	2	2	2	4	1	1	1	2		2 Serv Sink
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	770 Total															
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TOTAL	1,127	3	24	3	26	1	2	20	2	34	17	21	3**	3**	1 Serv Sink	5 Serv Sink

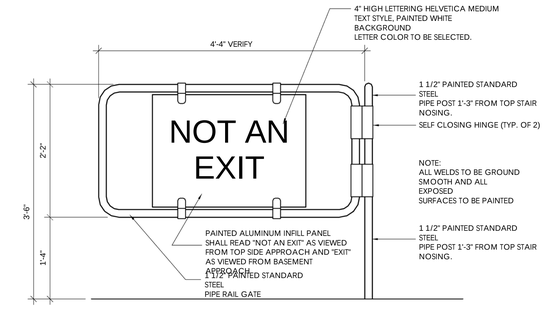
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***The Building Commission will permit the architect to calculate the actual occupant load based on the primary day-to-day function of the space for determining minimum plumbing fixtures and other code requirements.

Means of Egress Requirements (First Level)

International Building Code 2009

Occupant Load	Min. No. of Exits Required	Number of Exits Provided	Min. Exit Width Required	Exit Width Provided	Min. Stair Width Required	Stair Width Provided	Max. Distance to Exits Allowed
414	3	7	0.2 X 414 = 83"	224"	NA	NA	250 FEET (GROUP A-3)

As per Tables 720, 1005.1, 1014.1,1015.1, 1016.1,1018.1

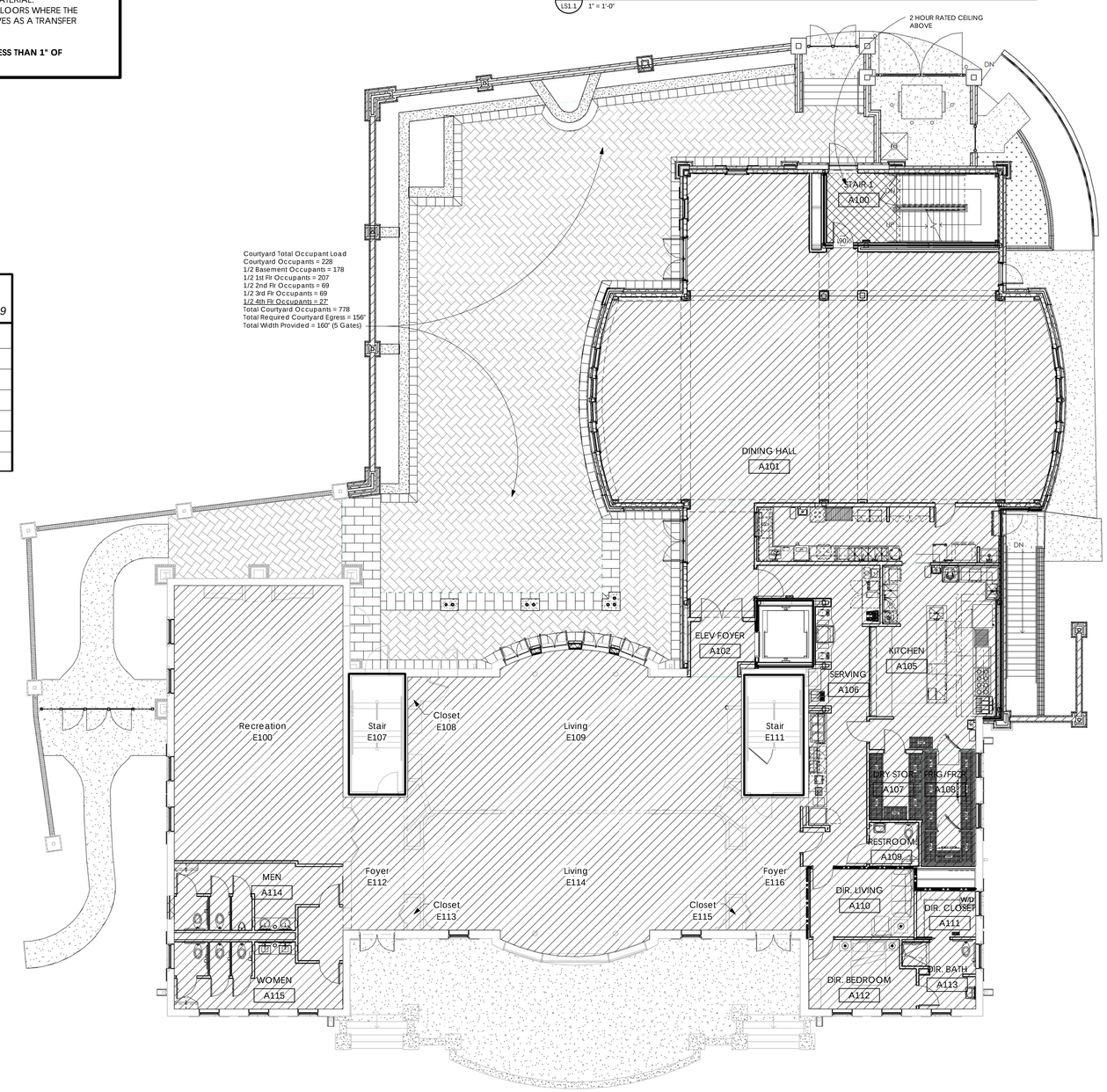


ESTABLISH HINGE SIDE PER PLAN CONFIGURATION

ELEVATION FACING DOWN DIRECTION OF STAIR

1 LS1.1 STAIR GATE 1" = 1'-0"

PROVIDE THIS GATE TYPICAL AT STAIR A100 AND STAIR E111.



2 LS1.1 LIFE SAFETY PLAN - 1ST LEVEL 1/8" = 1'-0"

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205.752.4460
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Interior Renovations and Additions for:

Chi Omega Sorority

The University of Alabama Campus
UA Project Number 910-12-024
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

STATE OF ALABAMA
MICHAEL A. ELLIS
3692
REGISTERED ARCHITECT

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Life Safety Plan

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Building Classifications (All Levels)

International Building Code 2009

Occupancy	Type of Construction	Allowable Stories Above Grade	Stories Provided Above Grade
A-3	TYPE II-A	4*	4
Non-Separated Uses			
A2, A3, B, R-2			

Floor Areas

Level/Floor	Allowable Floor Areas	Floor Area Provided
ALL FLOORS A-3	46,500 PER FLOOR WITH SPRINKLER INCREASE (MOST STRINGENT A-3 OCCUPANCY)	5,620 BASEMENT 9,700 FIRST FLOOR 8,250 SECOND FLOOR 8,250 THIRD FLOOR 6,540 FOURTH FLOOR
As per Table 503 and Section 506.3		**38,360 TOTAL GSF**

* with sprinkler increase

Fire Resistance Requirements (All Levels)

International Building Code 2009

Building-Type II-A Sprinklered *Component*	Rating Required	Rating Provided
Structural Frame -including columns, girders, trusses	1	1
Bearing Walls Exterior Interior	1 1	1 NA
Nonbearing Walls and Partitions Exterior	1(0*)	NA
Nonbearing Walls and Partitions Interior	0	0
Roof Construction -including supporting beams and joists	1	1

As per Table 601

* 0 HR Rating where separation is 30'
**1/2 Hour Dwelling Unit Separations Provided
Note: See reflected ceiling plans and sections for additional rated assemblies.

Floor/Ceiling Separations Provided (All Levels)

Floor/Ceiling Component	Rating Required	Ratings Provided
Basement / First Floor	1 hr.	1 hr.
First Floor/Second Floor	1 hr.	1 hr.
Second Floor/ Third Floor	1 hr.	1 hr.
Third Floor/Fourth Floor	1 hr.	1 hr.
Fourth Floor/Roof	1 hr.	1 hr.

Plumbing Fixture Requirements - Everyday Use (All Levels)

International Building Code 2009

Location	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						
Basement (A-3, B, S) First Level (A-2, A-3)	356 414 **770 Total**	3	6	3	6	1	2	2	2	4	1	1	1	2		2 Serv Sink
Second Floor (R-2)	54	0	6	0	8	0	0	6	0	12	7	8	0**	0**	1 Serv Sink	1 Serv Sink
Third Floor (R-2)	54	0	6	0	8	0	0	6	0	12	7	8	0**	0**		1 Serv Sink
Fourth Floor (R-2)	53	0	6	0	4	0	0	6	0	6	2	4	0**	0**		1 Serv Sink
TOTAL	1,127	3	24	3	26	1	2	20	2	34	17	21	3**	3**	1 Serv Sink	5 Serv Sink

*Basement and First floor fixtures calculated with 50% male, 50% female. Second, Third and Fourth floor calculated at 100% female.
**Provided on lower level. Self serve drink area also provided on 1st level.
***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 (Second Level)

International Building Code 2009

Occupant Load	Min. No. of Exits Required	Number of Exits Provided	Min. Exit Width Required	Exit Width Provided	Min. Stair Width Required	Stair Width Provided	Max. Distance to Exits Allowed
138	2	3	0.2 X 138 = 28"	48"	42"	124"	250 FEET (GROUP A-3)

As per Tables 720, 1005.1, 1014.1,1015.1, 1016.1,1018.1

Occupant Load (Second Level)

International Building Code 2009

Function of Space	Calculation Basis	Occupant Load
Restrooms/Office/Corridors	1 per 100 S.F. Gross	32
Residential	1 per 200 S.F. Gross	21
Storage/Mechanical	1 per 300 S.F. Gross	1
Balcony (Limited Access)	1 per 5 S.F. Net	84*
	Total Occupants	**54 (138*)**

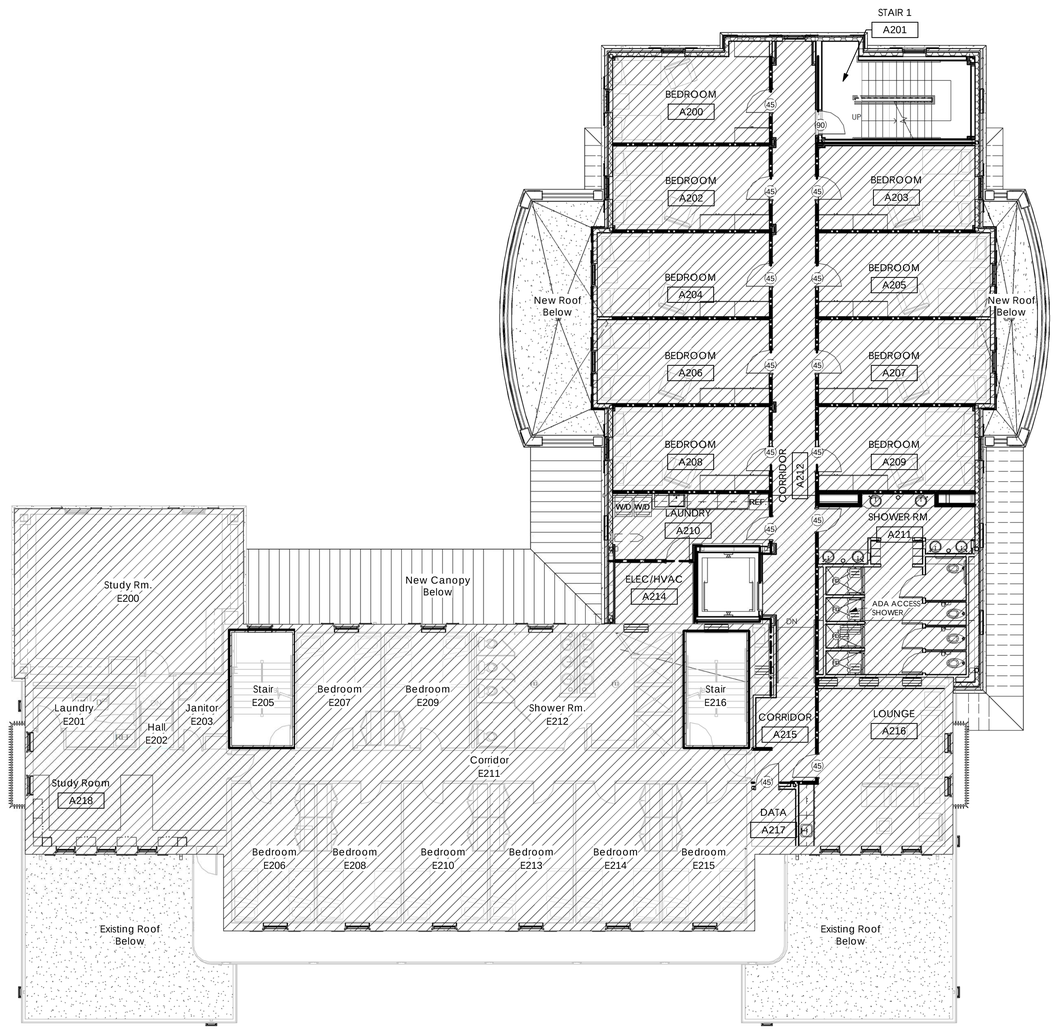
* Balcony occupants used only for egress calculations.

Fire Protection / Life Safety Legend

- SMOKE RATED PARTITION - CONSTRUCT AS UL U465 - SMOKE RATE PENETRATIONS
- 1 HOUR FIRE BARRIER/PARTITION CONSTRUCTION — UL U465
- 2 HOUR FIRE BARRIER/PARTITION CONSTRUCTION — UL U412 / U438
- 1 HOUR FIRE RATED FLOOR/CEILING ASSEMBLY - SEE SECTIONS FOR UL ASSEMBLIES
- (90) 90 MINUTE FIRE RATED DOOR
- (60) 60 MINUTE FIRE RATED DOOR
- (45) 45 MINUTE FIRE RATED DOOR
- EGRESS PATH - DIRECTION OF TRAVEL
- FEC FIRE EXTINGUISHER CABINET
- (XL) EXIT SIGN - SEE ELECTRICAL
- DESIGNATED ACCESSIBLE ROOM AND HEARING & VISION IMPAIRED

Spray Applied Fire Resistive Material Notes

1. APPLY 1 HOUR RATING AT ALL NEW STEEL COLUMNS - ALL SIDES OF COLUMN.
2. APPLY 1 HOUR RATING AT ALL BEAMS SUPPORTING THE FIRST FLOOR. BAR JOISTS AT FIRST FLOOR LEVEL DO NOT REQUIRE SPRAY FIRE RESISTIVE MATERIAL.
3. APPLY 1 HOUR AT ALL BEAMS SUPPORTING 2ND, 3RD AND 4TH FLOORS WHERE THE BEAM SUPPORTS MORE THAN 1 LEVEL OF FLOOR LOAD OR SERVES AS A TRANSFER BEAM FOR A COLUMN ABOVE.
4. X BRACING DOESN'T REQUIRE SPRAY FIRE RESISTIVE MATERIAL.
5. **1 HOUR RATING SHALL BE ACHIEVED IN ALL LOCATIONS WITH LESS THAN 1" OF THICKNESS OF SPAY APPLIED FIRE RESISTIVE MATERIAL.**



1 LS1.2 LIFE SAFETY PLAN - 2ND LEVEL
1/8" = 1'-0"

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The University of Alabama Campus
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STATE OF ALABAMA
MICHAEL A. ELLIS
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Life Safety Plan

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Building Classifications (All Levels)

International Building Code 2009

Occupancy	Type of Construction	Allowable Stories Above Grade	Stories Provided Above Grade
A-3	TYPE II-A	4*	4

Non-Separated Uses

A2, A3, B, R-2

Floor Areas

Level/Floor	Allowable Floor Areas	Floor Area Provided
ALL FLOORS A-3	46,500 PER FLOOR WITH SPRINKLER INCREASE (MOST STRINGENT A-3 OCCUPANCY)	5,620 BASEMENT 9,700 FIRST FLOOR 8,250 SECOND FLOOR 8,250 THIRD FLOOR 6,540 FOURTH FLOOR
As per Table 503 and Section 506.3 * with sprinkler increase		**38,360 TOTAL GSF**

Fire Resistance Requirements (All Levels)

International Building Code 2009

Building-Type II-A Sprinklered *Component*	Rating Required	Rating Provided
Structural Frame -including columns, girders, trusses	1	1
Bearing Walls Exterior Interior	1 1	1 NA
Nonbearing Walls and Partitions Exterior	1(0*)	NA
Nonbearing Walls and Partitions Interior	0	0
Roof Construction -including supporting beams and joists	1	1

As per Table 601

* 0 HR Rating where separation is 30'
**1/2 Hour Dwelling Unit Separations Provided
Note: See reflected ceiling plans and sections for additional rated assemblies.

Floor/Ceiling Separations Provided (All Levels)

Floor/Ceiling Component	Rating Required	Ratings Provided
Basement / First Floor	1 hr.	1 hr.
First Floor/Second Floor	1 hr.	1 hr.
Second Floor/ Third Floor	1 hr.	1 hr.
Third Floor/Fourth Floor	1 hr.	1 hr.
Fourth Floor/Roof	1 hr.	1 hr.

Plumbing Fixture Requirements - Everyday Use (All Levels)

International Building Code 2009

Location	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						
Basement (A-3, B, S) First Level (A-2, A-3)	356 414	3	6	3	6	1	2	2	2	4	1	1	1	2		2 Serv Sink
	770 Total															
Second Floor (R-2)	54	0	6	0	8	0	0	6	0	12	7	8	0**	0**	1 Serv Sink	1 Serv Sink
Third Floor (R-2)	54	0	6	0	8	0	0	6	0	12	7	8	0**	0**		1 Serv Sink
Fourth Floor (R-2)	53	0	6	0	4	0	0	6	0	6	2	4	0**	0**		1 Serv Sink
TOTAL	1,127	3	24	3	26	1	2	20	2	34	17	21	3**	3**	1 Serv Sink	5 Serv Sink

*Basement and First floor fixtures calculated with 50% male, 50% female. Second, Third and Fourth floor calculated as 100% female.
**Provided on lower level. Self serve drink area also provided on 1st level.
***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 (Third Level)

International Building Code 2009

Occupant Load	Min. No. of Exits Required	Number of Exits Provided	Min. Exit Width Required	Exit Width Provided	Min. Stair Width Required	Stair Width Provided	Max. Distance to Exits Allowed
138	2	3	0.2 X 138 = 28"	48"	42"	124"	250 FEET (GROUP A-3)

As per Tables 720, 1005.1, 1014.1,1015.1, 1016.1,1018.1

Occupant Load (Third Level)

International Building Code 2009

Function of Space	Calculation Basis	Occupant Load
Restrooms/Office/Corridors	1 per 100 S.F. Gross	32
Residential	1 per 200 S.F. Gross	21
Storage/Mechanical	1 per 300 S.F. Gross	1
Balcony (Limited Access)	1 per 5 S.F. Net	84*
	Total Occupants	**54 (138*)**

* Balcony occupants used only for egress calculations.

Fire Protection / Life Safety Legend

- SMOKE RATED PARTITION - CONSTRUCT AS UL U465 - SMOKE RATE PENETRATIONS
- 1 HOUR FIRE BARRIER/PARTITION CONSTRUCTION — UL U465
- 2 HOUR FIRE BARRIER/PARTITION CONSTRUCTION — UL U412 / U438
- 1 HOUR FIRE RATED FLOOR/CEILING ASSEMBLY - SEE SECTIONS FOR UL ASSEMBLIES
- (90) 90 MINUTE FIRE RATED DOOR
- (60) 60 MINUTE FIRE RATED DOOR
- (45) 45 MINUTE FIRE RATED DOOR
- EGRESS PATH - DIRECTION OF TRAVEL
- FEC FIRE EXTINGUISHER CABINET
- (XL) EXIT SIGN - SEE ELECTRICAL
- DESIGNATED ACCESSIBLE ROOM AND HEARING & VISION IMPAIRED

Spray Applied Fire Resistive Material Notes

1. APPLY 1 HOUR RATING AT ALL NEW STEEL COLUMNS - ALL SIDES OF COLUMN.
2. APPLY 1 HOUR RATING AT ALL BEAMS SUPPORTING THE FIRST FLOOR. BAR JOISTS AT FIRST FLOOR LEVEL DO NOT REQUIRE SPRAY FIRE RESISTIVE MATERIAL.
3. APPLY 1 HOUR AT ALL BEAMS SUPPORTING 2ND, 3RD AND 4TH FLOORS WHERE THE BEAM SUPPORTS MORE THAN 1 LEVEL OF FLOOR LOAD OR SERVES AS A TRANSFER BEAM FOR A COLUMN ABOVE.
4. X BRACING DOESN'T REQUIRE SPRAY FIRE RESISTIVE MATERIAL.
5. **1 HOUR RATING SHALL BE ACHIEVED IN ALL LOCATIONS WITH LESS THAN 1" OF THICKNESS OF SPAY APPLIED FIRE RESISTIVE MATERIAL.**



1 LS1.3 LIFE SAFETY PLAN - 3RD LEVEL
1/8" = 1'-0"

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Building Classifications (All Levels)

International Building Code 2009

Occupancy	Type of Construction	Allowable Stories Above Grade	Stories Provided Above Grade
A-3	TYPE II-A	4*	4
Non-Separated Uses			
A2, A3, B, R-2			
Floor Areas			
Level/Floor	Allowable Floor Areas	Floor Area Provided	
ALL FLOORS A-3	46,500 PER FLOOR WITH SPRINKLER INCREASE (MOST STRINGENT A-3 OCCUPANCY)	5,620 BASEMENT 9,700 FIRST FLOOR 8,250 SECOND FLOOR 8,250 THIRD FLOOR 6,540 FOURTH FLOOR	
As per Table 503 and Section 506.3 * with sprinkler increase		**38,360 TOTAL GSF**	

Fire Resistance Requirements (All Levels)

International Building Code 2009

Building-Type II-A Sprinklered *Component*	Rating Required	Rating Provided
Structural Frame -including columns, girders, trusses	1	1
Bearing Walls Exterior Interior	1 1	1 NA
Nonbearing Walls and Partitions Exterior	1(0*)	NA
Nonbearing Walls and Partitions Interior	0	0
Roof Construction -including supporting beams and joists	1	1

As per Table 601

* 0 HR Rating where separation is 30'
**1/2 Hour Dwelling Unit Separations Provided
Note: See reflected ceiling plans and sections for additional rated assemblies.

Floor/Ceiling Separations Provided (All Levels)

Floor/Ceiling Component	Rating Required	Ratings Provided
Basement / First Floor	1 hr.	1 hr.
First Floor/Second Floor	1 hr.	1 hr.
Second Floor/ Third Floor	1 hr.	1 hr.
Third Floor/Fourth Floor	1 hr.	1 hr.
Fourth Floor/Roof	1 hr.	1 hr.

Plumbing Fixture Requirements - Everyday Use (All Levels)

International Building Code 2009

Location	Persons	Water Closets Required see section 419.2 of the IPC for urinals male	Water Closets Required female	Water Closets Supplied male	Water Closets Supplied female	Urinals Supplied (included in WC)	Lavatories Required male	Lavatories Required female	Lavatories Supplied male	Lavatories Supplied female	Tubs or Showers Required	Tubs or Showers Supplied	Drinking Fountains Required	Drinking Fountains Supplied	Other Required	Other Supplied
Basement (A-3, B, S) First Level (A-2, A-3)	356 414 **770 Total**	3	6	3	6	1	2	2	2	4	1	1	1	2		2 Serv Sink
Second Floor (R-2)	54	0	6	0	8	0	0	6	0	12	7	8	0**	0**	1 Serv Sink	1 Serv Sink
Third Floor (R-2)	54	0	6	0	8	0	0	6	0	12	7	8	0**	0**		1 Serv Sink
Fourth Floor (R-2)	53	0	6	0	4	0	0	6	0	6	2	4	0**	0**		1 Serv Sink
TOTAL	1,127	3	24	3	26	1	2	20	2	34	17	21	3**	3**	1 Serv Sink	5 Serv Sink

*Basement and First floor fixtures calculated with 50% male, 50% female. Second, Third and Fourth floor calculated as 100% female.
**Provided on lower level. Self serve drink area also provided on 1st level.
***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 (Fourth Level)

International Building Code 2009

Occupant Load	Min. No. of Exits Required	Number of Exits Provided	Min. Exit Width Required	Exit Width Provided	Min. Stair Width Required	Stair Width Provided	Max. Distance to Exits Allowed
53	2	2	0.2 X 53 = 10" (42" reqd)	50"	36"	76" +/- Existing	250 FEET (GROUP A-3)

As per Tables 720, 1005.1, 1014.1,1015.1, 1016.1,1018.1

Occupant Load (Fourth Level)

International Building Code 2009

Function of Space	Calculation Basis	Occupant Load
Restrooms/Office/Corridors	1 per 100 S.F. Gross	27
Storage/Mechanical	1 per 300 S.F. Gross	1
Residential	1 per 200 S.F. Gross	12
Exercise Room	1 per 50 S.F. Gross	13
	Total Occupants	**53**

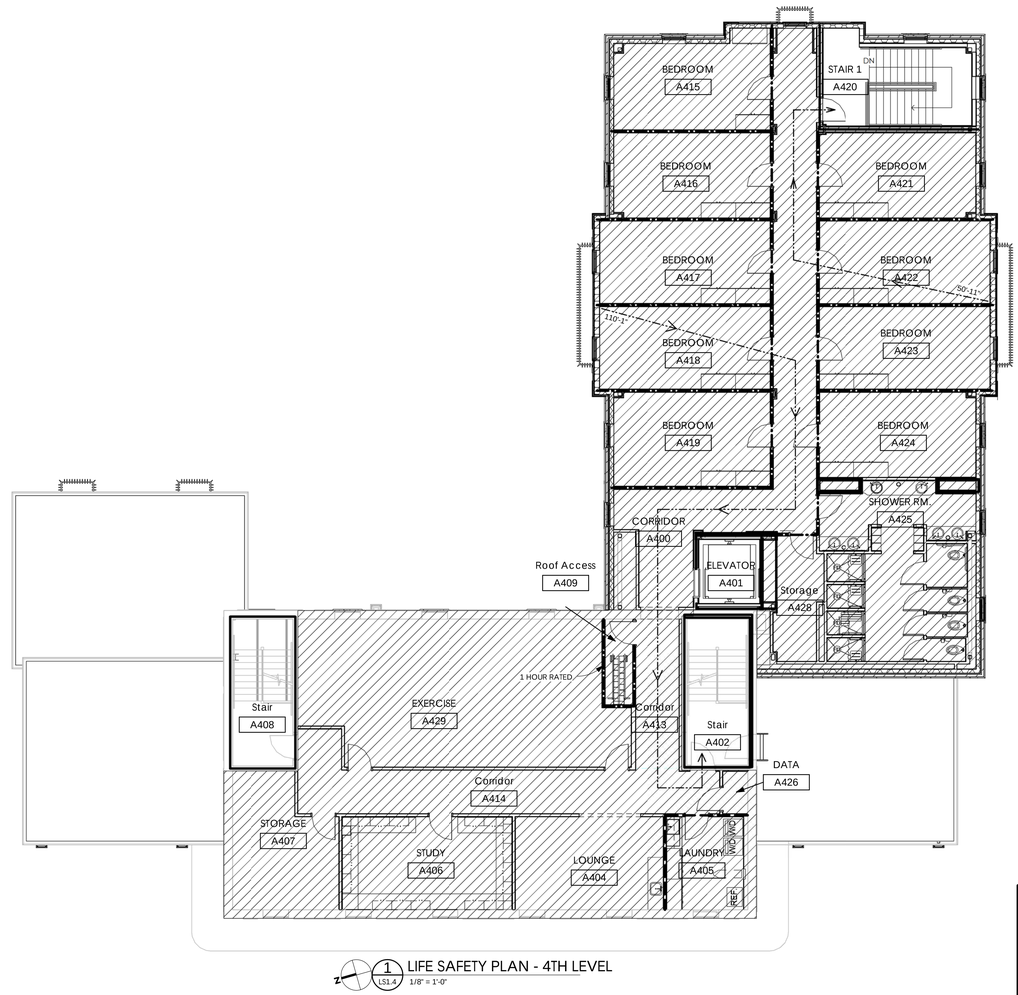
*

Fire Protection / Life Safety Legend

- SMOKE RATED PARTITION - CONSTRUCT AS UL U465 - SMOKE RATE PENETRATIONS
- 1 HOUR FIRE BARRIER/PARTITION CONSTRUCTION — UL U465
- 2 HOUR FIRE BARRIER/PARTITION CONSTRUCTION — UL U412 / U438
- 1 HOUR FIRE RATED FLOOR/CEILING ASSEMBLY - SEE SECTIONS FOR UL ASSEMBLIES
- (90) 90 MINUTE FIRE RATED DOOR
- (60) 60 MINUTE FIRE RATED DOOR
- (45) 45 MINUTE FIRE RATED DOOR
- EGRESS PATH - DIRECTION OF TRAVEL
- FEC FIRE EXTINGUISHER CABINET
- (XL) EXIT SIGN - SEE ELECTRICAL
- DESIGNATED ACCESSIBLE ROOM AND HEARING & VISION IMPAIRED

Spray Applied Fire Resistive Material Notes

1. APPLY 1 HOUR RATING AT ALL NEW STEEL COLUMNS - ALL SIDES OF COLUMN.
2. APPLY 1 HOUR RATING AT ALL BEAMS SUPPORTING THE FIRST FLOOR. BAR JOISTS AT FIRST FLOOR LEVEL DO NOT REQUIRE SPRAY FIRE RESISTIVE MATERIAL.
3. APPLY 1 HOUR AT ALL BEAMS SUPPORTING 2ND, 3RD AND 4TH FLOORS WHERE THE BEAM SUPPORTS MORE THAN 1 LEVEL OF FLOOR LOAD OR SERVES AS A TRANSFER BEAM FOR A COLUMN ABOVE.
4. X BRACING DOESNT REQUIRE SPRAY FIRE RESISTIVE MATERIAL.
5. **1 HOUR RATING SHALL BE ACHIEVED IN ALL LOCATIONS WITH LESS THAN 1" OF THICKNESS OF SPAY APPLIED FIRE RESISTIVE MATERIAL.**



1 LS1.4 LIFE SAFETY PLAN - 4TH LEVEL
1/8" = 1'-0"

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(205) 633-2100 (REGGIE LUNCEFORD)

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COMCAST CABLE
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STORM DRAINAGE ENGINEER
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CONTRACTOR SHALL CONTACT ALABAMA ONECALL PRIOR TO WORK
1-800-292-8525

Alabama 1 Call

GENERAL PROJECT NOTES:

1. THE CONTRACTOR SHALL INSTALL TEMPORARY ASPHALT PATCHING WITHIN 24 HOURS AFTER THE COMPLETED INSTALLATION OF UTILITY CROSSING ON ROADWAYS OPEN TO TRAFFIC. IF THE ROADWAY IS CLOSED TO TRAFFIC THEN ALL ASPHALT CUT LOCATIONS SHALL BE PATCHED BEFORE THE ROADWAY IS REOPENED. THE CONTRACTOR SHALL NOT BE ALLOWED TO INSTALL ALL UTILITIES AND THEN TEMPORARY ASPHALT PATCH ALL AT ONE TIME. TEMPORARY ASPHALT PATCHING MUST OCCUR PERIODICALLY AS REFERENCED ABOVE.
2. WHEN TEMPORARY ASPHALT PATCHING OCCURS, THE MIX SHALL BE HOT MIXED AS SPECIFIED IN THE PLANS. ASPHALT COLD MIXES SHALL NOT BE ACCEPTED. POORLY PATCHED CROSSINGS DISPLAYING NONUNIFORM, UNSMOOTH FINISHES SHALL NOT BE ACCEPTED AND SHALL BE REMOVED AT ONCE. THE REPATCH OF THE AREA SHALL BE PAID FOR AT THE CONTRACTOR'S EXPENSE.
3. THE CONTRACTOR SHALL KEEP THE PROJECT CLEAN FROM TRASH AND DEBRIS. PLACEMENT/DISCARDING OF TRASH AND REFUSE IN UTILITY TRENCHES AND/OR OTHER EXCAVATIONS ASSOCIATED WITH THE PROJECT SHALL BE PROHIBITED. THE CONTRACTOR SHALL PROVIDE TRASH RECEPTACLES FOR WORKER USE. THE ROADWAYS AND SIDEWALKS SHALL BE SWEPT AND WASHED DOWN EACH DAY IF NECESSARY TO LIMIT THE TRACKING OF DIRT FROM THE PROJECT.
4. AT THE END OF THE PROJECT, THE CONTRACTOR SHALL POWER WASH ALL CONCRETE SURFACES (I.E., CURB AND GUTTERS, SIDEWALK, DRIVES, STORM SEWER BOXES, BRICK PAVERS, EXISTING BUILDING BRICK, ETC.), SPECIFICALLY EXISTING CONCRETE ABUTTING REQUIRED CONCRETE SURFACES WITHIN THE PROJECT RIGHT-OF-WAY TO ELIMINATE STAINING FROM EARTHEN MATERIAL, CONSTRUCTION EQUIPMENT, OILS, PAINTS, ETC. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE GIVEN.
5. EXISTING SANITARY SEWER, STORM DRAIN, WATER DISTRIBUTION/FIRE PROTECTION, ETC. INFRASTRUCTURE TO BE RETAINED AS PART OF THIS PROJECT SHALL BE PROTECTED AT ALL TIMES. ANY DAMAGE TO THESE STRUCTURES SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
6. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION STAKING AND RECORD DRAWINGS (UTILITY STRUCTURES, PIPE INVERTS, FINISHED GRADE, ETC.) FOR THE PROJECT. ALL STAKING AND RECORD DRAWINGS SHALL BE PERFORMED UNDER THE SUPERVISION OF A LICENSED, PROFESSIONAL SURVEYOR IN THE STATE OF ALABAMA. A COPY OF THE SURVEYOR'S LICENSE SHALL BE PROVIDED TO THE OWNER WITH OTHER REQUIRED SUBMITTALS. THE OWNER SHALL PROVIDE DIGITAL FILES AND FIELD CONTROL AS NECESSARY FOR THE LICENSED SURVEYOR'S USE.
7. THE CONTRACTOR SHALL COORDINATE ALL TRAFFIC/PARKING DISRUPTIONS WITH THE UNIVERSITY OF ALABAMA TRAFFIC AND PARKING SERVICES, (205) 348-5471, ATTN: MR. RONNIE ROBERTSON AND THE TUSCALOOSA DEPARTMENT OF TRANSPORTATION. A MINIMUM OF 48 HOURS NOTICE SHALL BE REQUIRED. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL COST ASSOCIATED WITH TRAFFIC CONTROL.
8. 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.
9. AT ALL LOCATIONS WHERE A UTILITY LINE IS UNDER A NEW CURB OR SIDEWALK THE CONTRACTOR SHALL INSTALL A 2" BRONZE UTILITY MARKER IN THE CURB OR SIDEWALK. A MINIMUM OF ONE (1) MARKER PER CURB AND TWO (2) PER SIDEWALK PLACED 6" FROM EACH EDGE IS REQUIRED. ALL MARKERS WILL BE PROVIDED BY THE UA.
10. ALL UTILITY TRENCH BACKFILL SHALL BE INSTALLED AND COMPACTED AS PER TRENCH DETAILS WITH DENSITY TESTS PERFORMED BY APPROVED GEOTECHNICAL TESTING LAB. SCHEDULING OF ALL TESTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

STORM DRAIN NOTES:

1. THE COST OF INVERTS AND STEPS SHALL BE INCLUDED IN THE PRICE FOR STORM STRUCTURES INCLUDING, BUT NOT LIMITED TO, S-INLETS, JUNCTION BOXES, GRATE INLETS, ETC. NO ADDITIONAL PAYMENTS SHALL BE MADE FOR INVERTS AND STEPS.
2. THE COST OF RINGS AND COVERS SHALL BE INCLUDED IN THE PRICE FOR STORM SEWER STRUCTURES INCLUDING, BUT NOT LIMED TO, S-INLETS, JUNCTION BOXES, GRATE INLETS. NO ADDITIONAL PAYMENTS SHALL BE MADE FOR RINGS AND COVERS.
3. STORM DRAIN STRUCTURE RINGS, COVERS AND STEPS SHALL BE INSTALLED ON THE STRUCTURE WALL FREE OF PIPING AND/OR THROAT OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
4. ALL STORM DRAIN STRUCTURES ARE REQUIRED TO HAVE REBAR REINFORCEMENT IN THE WALLS, BOTTOM, AND TOP. ALTHOUGH THE TOPS VARY FOR AN S-INLET, GRATE INLET, AND JUNCTION BOX, THE BOX ITSELF IS THE SAME AND REBAR REINFORCEMENT SHALL BE PLACED PER THE STANDARD DETAIL AND NOTES.
5. STORM STRUCTURES MEASURING FOUR (4) FEET OR GREATER IN DEPTH FROM THE FINISHED TOP OF THE STORM STRUCTURE TO THE INVERT OUT ELEVATION SHALL HAVE STEPS INSTALLED.
6. THE CONTRACTOR SHALL VERIFY ALL ELEVATIONS OF EXISTING UTILITIES BEFORE INSTALLING REQUIRED STORM DRAIN STRUCTURES AND PIPING. THE ELEVATIONS SHALL BE PROVIDED TO THE OWNER'S REPRESENTATIVE FOR DESIGN VERIFICATION AND ADJUSTMENTS. IF THE CONTRACTOR DOES NOT POTHOLE AND SHOOT EXISTING UTILITY ELEVATIONS FOR DESIGN VERIFICATION, ANY RECONSTRUCTION SHALL BE HIS RESPONSIBILITY.
7. ALL REQUIRED STORM STRUCTURE TOPS WITHIN PAVED AREAS SHALL MATCH TOP OF CURB ELEVATIONS AND/OR ASPHALT FINISHED GRADE DEPENDING ON BOX LOCATION.
8. CONICAL MANHOLE SECTIONS AND MANHOLE RIMS AND COVERS SHALL BE ORIENTED AS PER THE PLANS AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE TO ENSURE THE BEST ACCESS INTO THE MANHOLE. FAILURE TO ORIENT CORRECTLY SHALL RESULT IN REORIENTATION AT THE CONTRACTOR'S EXPENSE.
9. ALL ROOF DRAIN COLLECTOR STUB-OUTS SHALL BE 6"ø PVC SDR 35 PIPE @ MINIMUM 1.0% GRADE UNLESS NOTED OTHERWISE.

GRADING NOTES:

1. ALL DISTURBED AREAS SHALL HAVE A MINIMUM OF 4" TOPSOIL APPLIED, BE GRASSED AND MULCHED AS SOON AS FINAL GRADING IS COMPLETE. REFER TO EROSION CONTROL NOTES FOR TEMPORARY GRASSING AND MULCHING DURING GRADING OPERATIONS.
2. ALL EMBANKMENT FILL AND BORROW EXCAVATION MATERIALS SHALL BE COMPACTED IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS AND THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.
3. THE CONTRACTOR SHALL CLEAR AND GRUB ONLY WHERE GRADING OPERATIONS ARE TO BE PERFORMED AS SHOWN. THE MAJORITY OF THE PROJECT WILL REQUIRE CLEARING AND REMOVAL OF EXISTING SIDEWALK, DRIVES, CURBS AND GUTTER, CURBING, TREE STUMP REMOVAL, TOPSOIL, GRADING, ETC. AS SHOWN THROUGHOUT THE PROJECT CONSTRUCTION PLANS AND CONTRACT DOCUMENTS.

SANITARY SEWER NOTES:

1. 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, AT A MINIMUM, BE AIR AND MANDREL 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 CLEANED, FLUSHED, SWABBED, ETC. OF ALL DIRT, 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.
2. ALL SANITARY SEWER STUB-OUTS SHALL BE PROTECTED AND PROMINENTLY MARKED WITH 4" X 4" POSTS PAINTED ORANGE.

EROSION CONTROL NOTES:

1. 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 SOD. EROSION CONTROL MEASURES, INCLUDING CONSTRUCTION EXIT PADS, SHOWN HEREON 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.
2. 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.
3. 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.
4. 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 MEDIATE, 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.
5. 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.
6. CONTRACTOR SHALL PROVIDE TEMPORARY GRASSING 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).
7. 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.
8. SEE STANDARD DETAILS FOR INLET PROTECTION SPECIFICATIONS AND REQUIREMENTS.
9. ALL DEWATERING ACTIVITIES, INCLUDING BUT NOT LIMITED TO THE EXCAVATION PITS ASSOCIATED WITH THE BASEMENT/FOOTING EXCAVATIONS AND SEDIMENT TRAPS, MUST DISCHARGE TO A BMP FOR TREATMENT PRIOR TO DISCHARGING TO THE RECEIVING STORM SEWER.
10. SEE TECHNICAL SPECIFICATIONS SECTION 02239, PART 1, PARAGRAPH 1.1.E FOR PARTICULAR REQUIREMENTS REGARDING DAILY SITE INSPECTIONS OF ALL BMP'S BY CONTRACTOR'S QCI.

DEMOLITION NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND PROTECTING ALL SITE CONSTRAINT FENCING AT NO ADDITIONAL COST TO THE OWNER, INCLUDING ANY TEMPORARY RELOCATIONS AND/OR REPLACEMENTS NECESSARY FOR COMPLETION OF ALL ITEMS IN THIS CONTRACT. THIS SHALL INCLUDE TEMPORARY RELOCATION/REPLACEMENT NECESSARY FOR UTILITY OR OTHER WORK OUTSIDE LIMITS OF FENCE, ANY TEMPORARY FENCING REQUIRED FOR WORK OUTSIDE THE NORMAL CONSTRAINT FENCE SHALL BE INSTALLED AT NO ADDITIONAL COST TO THE PROJECT. CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING CONSTRAINT FENCING PRIOR TO BIDDING AND BEGIN CONSTRUCTION OF PROJECT. LOCATION AS SHOWN MAY NOT BE EXACT. CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING AND CONTROL OF THEIR OWN SITE WITHIN THE EXISTING SITE CONSTRAINT FENCE.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIR, MAINTENANCE, CLEANING, ETC. BY ANY AND ALL MEANS AND METHODS NECESSARY OF EXISTING STREETS, PARKING LOTS, CURBS, SIDEWALKS, LIGHT POLES, ETC. DAMAGED OR AFFECTED BY THE PROJECT. ANY SUCH REPAIRS, MAINTENANCE, CLEANING SHALL BE DONE AS DIRECTED BY THE OWNER AND/OR THE OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST TO THE PROJECT. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DOCUMENT THE CONDITION OF EXISTING SURFACES PRIOR TO BEGINNING CONSTRUCTION.
3. ALL EXISTING UTILITY LOCATIONS ARE APPROXIMATE AND FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION. IN THE EVENT OF ANY DAMAGE TO THE EXISTING UTILITIES, THE UTILITIES SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AND UTILITY OWNER AT THE CONTRACTORS EXPENSE.
4. CONTRACTOR SHALL BE AWARE THAT MULTIPLE UA CONSTRUCTION PROJECTS ARE ON-GOING OR WILL BE BEGINNING WHILE THIS PROJECT IS UNDER CONSTRUCTION. CONTRACTOR SHALL ANTICIPATE THAT COORDINATION AND ACCOMMODATION FOR SUCH PROJECTS SHALL OCCUR BETWEEN ALL PROJECTS. THERE SHALL BE NO ADDITIONAL COSTS ASSOCIATED WITH SUCH COORDINATION, COMMUNICATION, OR ADDITIONAL WORK NECESSARY FOR SUCH.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ANY AND ALL PEDESTRIAN SAFETY AND TRAFFIC CONTROL ITEMS AS NECESSARY DEPENDING UPON ACTUAL SEQUENCE, SCHEDULING, PROGRESSION OF DIFFERENT ASPECTS OF WORK ON THE PROJECT. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, SEQUENCING OF SITE CONSTRAINT FENCE INSTALLED, PORTABLE SITE CONSTRAINT CHAINLINK FENCING, "SNOW" CONSTRUCTION FENCING, BARRICADES, SIGNAGE, ETC.

PAVING, SIGNING AND STRIPING NOTES:

1. ALL COMBINATION CURB AND GUTTER SHALL BE TWO (2) FEET IN WIDTH UNLESS OTHERWISE SHOWN ON THE CONSTRUCTION PLANS. EXISTING CURB AND GUTTER VARIES IN WIDTH AND PROPOSED CURB AND GUTTER SHALL BE TAPERED TO JOIN TO IT OVER A MINIMUM DISTANCE OF FIVE (5) FEET TO ENSURE A SMOOTH TRANSITION.
2. ALL SIGNS, POSTS, STRIPING, MARKINGS, ETC. SHALL BE OF COLOR AND TYPE SHOWN AND SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, ALABAMA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS (SIGNAGE), AND UA STANDARDS (POSTS AND INSTALLATION).
3. ALL SIGNS SHALL MEET THE REQUIREMENTS SET FORTH IN THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

TRAFFIC CONTROL NOTES:

1. ALL MATERIAL AND CONSTRUCTION SHALL COMPLY WITH CURRENT UA, CITY OF TUSCALOOSA OCE, AND ALABAMA DEPARTMENT OF TRANSPORTATION STANDARDS AND POLICIES.
2. THE CONTRACTOR SHALL DEVELOP ANY NECESSARY TRAFFIC CONTROL PLANS AS PART OF THEIR SUBMITTALS ON THE PROJECT.
3. FLAGGERS ARE TO BE USED WHEN DIRECTED BY THE OWNER'S REPRESENTATIVE. SIGNS SHALL BE PLACED AT THE APPROPRIATE TIME, AND SHALL BE COVERED OR REMOVED WHEN FLAGGERS ARE NOT ON DUTY AND DURING NON-WORKING HOURS.
4. FLAGGERS SHALL BE PROPERLY ATTIRED, EQUIPPED WITH STAFF MOUNTED STOP/SLOW PADDLES IN SIGHT OF EACH OTHER OR HAVE DIRECT COMMUNICATION AT ALL TIMES.
5. THE CONTRACTOR SHALL PLACE ALL ADVANCE WARNING SIGNS BEFORE PROCEEDING WITH HIS WORK. SIGNS SHALL BE PLACED IN ORDER, IN THE DIRECTION OF TRAFFIC AND REMOVED IN REVERSE ORDER.
6. DURING NON-WORKING HOURS NO EQUIPMENT OR MATERIAL SHALL BE PARKED OR STORED CLOSER THAN 30 FEET TO THE EDGE OF ANY ROADWAY CARRYING TRAFFIC OR WITHIN THE SITE CONSTRAINT FENCING ON THE PROJECT. WHEN THIS IS NOT PRACTICAL, IT SHALL BE PLACED IN AN AREA DESIGNATED BY THE OWNER'S REPRESENTATIVE AND DELINEATED BY REFLECTORIZED DRUMS AND WARNING LIGHTS. THIS INCLUDES STORAGE OF TRAFFIC CONTROL DEVICES SUCH AS TRAILER MOUNTED OR OTHER TEMPORARY SIGNS, BARRICADES, DRUMS, ETC., WHICH ARE NOT IN USE DURING NON-WORKING HOURS.
7. ALL BLACK ON ORANGE CONSTRUCTION SIGNS SHALL BE FABRICATED USING TYPES IV, VII, OR VIII FLUORESCENT ORANGE REFLECTIVE SHEETING MATERIAL FOR THE SIGN BACKGROUND.
8. THE CONTRACTOR SHALL NOTE THAT THERE CAN NOT BE ANY MATERIAL DELIVERIES BETWEEN 7:30 AM AND 8:15 AM ON WEEKDAYS UNLESS APPROVED OTHERWISE BY THE UA. THIS IS TO LIMIT TRAFFIC CONGESTION AS MUCH AS POSSIBLE IN THIS AREA.
9. ALL CONSTRUCTION TRAFFIC MUST ACCESS THE PROJECT SITE FROM BARNWELL PARKING LOT (NOT FROM MAGNOLIA DRIVE), UNLESS APPROVED OTHERWISE BY UA.

GAS SYSTEM NOTES:

1. GAS SUPPLY TO THE BUILDING IS ALAGASCO. CONTRACTOR SHALL BE RESPONSIBLE FOR COMMUNICATING AND COORDINATING WITH ALAGASCO ALL ASPECTS ASSOCIATED WITH RELOCATING THE EXISTING SERVICE, AND BE RESPONSIBLE FOR ANY AND ALL COSTS.
2. ALL MAINS SHALL HAVE A MINIMUM COVER OF 36" FROM FINISHED GRADE TO TOP OF PIPE.
3. ALL GAS UTILITY TRENCHES SHALL BE BACKFILLED PER THE UA TRENCH DETAILS IN THE CONSTRUCTION PLANS.

PLAN LEGEND

R.O.W.	INDICATES EXISTING RIGHT-OF-WAY	⊖	INDICATES EXISTING FIRE HYDRANT
	INDICATES EXISTING PROPERTY LINE	⊡	INDICATES EXISTING WATER METER
	INDICATES EXISTING SECTION LINE	⊡	INDICATES EXISTING IRRIGATION VALVE
	INDICATES EXISTING QUARTER-QUARTER SECTION LINE	⊂	INDICATES EXISTING WATER SPIGOT
-X-X-X-X-	INDICATES EXISTING CHAINLINK FENCE	⋈	INDICATES EXISTING WATER VALVE
	INDICATES EXISTING TREE LINE	⊸	INDICATES EXISTING UTILITY POLE
	INDICATES STANDARD 2" CURB AND GUTTER	[T]	INDICATES EXISTING TELEPHONE BOX
	INDICATES REVERSE SLOPE GUTTER	⌖	INDICATES EXISTING GUARD POST
-280-	INDICATES EXISTING CONTOUR LINE	▼	INDICATES EXISTING ROAD SIGN
-GE-	INDICATES EXISTING DIRECT BURIAL ELECTRIC CABLE	1/2" ●	INDICATES IRON PIPE FOUND(SIZE SHOWN)
-BTC-	INDICATES EXISTING UNDERGROUND TELEPHONE CABLE	▲	INDICATES REBAR FOUND
-CATV-	INDICATES EXISTING OVERHEAD CABLE TV	■	INDICATES CONCRETE MONUMENT FOUND
-EGM-	INDICATES EXISTING GAS MAIN		INDICATES EXISTING BITUMINOUS CONCRETE SURFACE
-ESD-	INDICATES EXISTING STORM SEWER		
-ESS-	INDICATES EXISTING SANITARY SEWER		INDICATES EXISTING CONCRETE SURFACE
-EWM-	INDICATES EXISTING WATER MAIN		
-TDOT-	INDICATES EXISTING UNDERGROUND TDOT CABLE		INDICATES EXISTING CRUSHED STONE SURFACE
-OPL-	INDICATES EXISTING OVERHEAD POWER LINE		
-TEL-	INDICATES EXISTING OVERHEAD TELEPHONE LINE		
-ESM-	INDICATES EXISTING STEAM MAIN	--UA PSD--	INDICATES PROPOSED STORM SEWER NOT IN THIS CONTRACT
-BTV-	INDICATES EXISTING BURIED TV CABLE	--UA BE--	INDICATES PROPOSED ELECTRICAL DUCT BANK NOT IN THIS CONTRACT
(T)	INDICATES EXISTING TELEPHONE MANHOLE		INDICATES PROPOSED TEMPORARY SITE CONSTRAINT FENCE
(S)	INDICATES EXISTING STEAM MANHOLE	-280-	INDICATES PROPOSED CONTOUR LINE
(E)	INDICATES EXISTING ELECTRICAL MANHOLE	-PSD-	INDICATES PROPOSED STORM SEWER
AC	INDICATES EXISTING AIR CONDITION PAD	-RDC-	INDICATES PROPOSED ROOF DRAIN COLLECTOR
☼	INDICATES EXISTING LIGHT POLE	-PSS-	INDICATES PROPOSED SANITARY SEWER
E	INDICATES EXISTING ELECTRICAL BOX	-PGM-	INDICATES PROPOSED GAS MAIN
TV	INDICATES EXISTING CABLE TV BOX		INDICATES PROPOSED CONCRETE PAVERS
M	INDICATES EXISTING GAS METER		
G	INDICATES EXISTING GAS VALVE		INDICATES PROPOSED CONCRETE SURFACE
V	INDICATES EXISTING GAS VENT	× EW 321.59	INDICATES PROPOSED TOP OF CONCRETE ELEVATION
D	INDICATES EXISTING ROOF DRAIN	× EP 320.94	INDICATES PROPOSED EDGE OF PAVEMENT ELEVATION
S	INDICATES EXISTING SEWER MANHOLE	× 320.56	INDICATES PROPOSED SPOT ELEVATION
C	INDICATES EXISTING CLEAN OUT		

McGIFFERT AND ASSOCIATES, LLC DWG No.321-12

FILENAME: UA-ChiOmega-NOTES
DRAWN BY: J L C
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Interior Renovations and Addition for:

Chi Omega Sorority

The University of Alabama Campus
UA Project Number TBD
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13



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Do Not Scale From Drawings.

Contractor must verify all dimensions prior to construction.

JOB No.	11039
DATE:	REV. DATE:
01/18/2013	
DRAWN BY:	

SITE PROJECT NOTES & LEGEND

SHEET NUMBER C0.10

DELTA DELTA DELTA
(3 STORY)

DELTA ZETA

ZETA TAU ALPHA

CHI OMEGA
4 STORY (BASEMENT)

PI BETA PHI

ALPHA KAPPA ALPHA

BARNWELL

MAGNOLIA DRIVE

N

GRAPHIC SCALE 1" = 10'
0' 10' 20' 30'

REQ'D: REMOVE EXISTING WALL AS REQUIRED FOR NEW SIDEWALK INSTALLATION

REQ'D: INDICATES APPROXIMATE LIMITS OF BUILDING, CURB, CONCRETE, SIDEWALK, PAVEMENT, ETC. DEMOLITION; CONTRACTOR RESPONSIBLE FOR ALL ASPECTS OF DEMOLITION NECESSARY FOR COMPLETION OF THE PROJECT, INCLUDING ANY ITEMS BEYOND THESE APPROXIMATE LIMITS

REQ'D: TEMPORARY LOCATION OF PI BETA PHI DUMPSTER

REQ'D: EXISTING STEAM MAIN TO BE ABANDONED BY UA; CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL PORTIONS NECESSARY FOR COMPLETION OF THIS PROJECT AS NECESSARY. CONTRACTOR SHALL BE RESPONSIBLE FOR CAPPING ALL ENDS OF STEAMLINE REMAINING IN-PLACE AS DIRECTED BY UA.

REQ'D: EXISTING UNDERGROUND POWER / TELECOM TO BE ABANDONED BY UA; CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL PORTIONS NECESSARY/E FOR COMPLETION OF THIS PROJECT AS NECESSARY.

EXISTING OVERHEAD ELECTRICAL RELOCATED BY UA (NOT PART OF THIS CONTRACT)

REQ'D: INDICATES APPROXIMATE LIMITS OF BUILDING, CURB, CONCRETE, SIDEWALK, PAVEMENT, ETC. DEMOLITION; CONTRACTOR RESPONSIBLE FOR ALL ASPECTS OF DEMOLITION NECESSARY FOR COMPLETION OF THE PROJECT, INCLUDING ANY ITEMS BEYOND THESE APPROXIMATE LIMITS

REQ'D: EXISTING STEAM MAIN TO BE ABANDONED BY UA; CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL PORTIONS NECESSARY FOR COMPLETION OF THIS PROJECT AS NECESSARY. CONTRACTOR SHALL BE RESPONSIBLE FOR CAPPING ALL ENDS OF STEAMLINE REMAINING IN-PLACE AS DIRECTED BY UA.

REQ'D: APPROXIMATE LOCATION OF SITE CONSTRAINT FENCING; CONTRACTOR TO CONFIRM AND COORDINATE EXACT LOCATION WITH UA BASED UPON PROJECT SEQUENCING OF BASEMENT EXCAVATION AND OTHER ON-GOING UA PROJECTS

REQ'D: PORTION OF EXISTING GAS MAIN TO BE ABANDONED BY CONTRACTOR TO ACCOMMODATE THE NEW GAS METER LOCATION; CONTRACTOR TO COORDINATE WITH ALAGASCO / MEP ALL METER DETAILS, SIZE, ETC. SEE MEP FOR EXACT METER LOCATION AND CONNECTION TO NEW GAS SERVICE AT BUILDING

REQ'D: EXISTING UNDERGROUND POWER / TELECOM TO BE ABANDONED BY UA; CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL PORTIONS NECESSARY FOR COMPLETION OF THIS PROJECT AS NECESSARY.

REQ'D: EXISTING GAS MAIN TO BE ABANDONED BY UA; CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL PORTIONS NECESSARY FOR COMPLETION OF THIS PROJECT AS NECESSARY. CONTRACTOR SHALL BE RESPONSIBLE FOR CAPPING ALL ENDS OF STEAMLINE REMAINING IN-PLACE AS DIRECTED BY UA.

REQ'D: EXISTING PARKING GATE EQUIPMENT TO BE RELOCATED BY UA (NOT PART OF THIS CONTRACT)

REQ'D: TEMPORARY CONSTRUCTION ENTRANCE GATE (EXACT SIZE BY CONTRACTOR)

REQ'D: BARNWELL DUMPSTER RELOCATED TEMPORARILY TO MAGNOLIA DRIVE

REQ'D: CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS, METHODS, TECHNIQUES, SEQUENCING "IN REGARDS TO THE REQUIRED BASEMENT EXCAVATION, CONSTRUCTION, AND ANY AND ALL SLOPE STABILIZATION, SHORING, BRACING, ETC. NECESSARY FOR COMPLETION OF THE BASEMENT AND FOR PROTECTION OF SURROUNDING BUILDINGS, FOUNDATIONS, UTILITIES, INFRASTRUCTURE. SEE GRADING PLAN FOR SPECIFIC NOTES REGARDING COORDINATION OF BASEMENT BACKFILL WITH OTHER ON-GOING UA CONSTRUCTION PROJECTS IN THE AREA. DEMOLITION OF ANY ITEMS NECESSARY FOR THE BASEMENT EXCAVATION SHALL BE PART OF THE CONTRACTORS SCOPE OF WORK. ALL ASPHALT, OR CONCRETE SURFACES SHALL BE NEATLY SAW-CUT IN STRAIGHT, UNIFORM, CONTINUOUS LINES.

SEE ARCHITECTURAL FOR ALL NECESSARY BUILDING DEMOLITION

REQ'D: EXISTING CONCRETE PAVEMENT TO BE REMOVED / REPLACED TO ACCOMMODATE NEW GREASE TRAP INSTALLATION (SEE MEP FOR GREASE TRAP AND PLUMBING DETAILS / REQUIREMENTS).

REQ'D: EXISTING GATE TO BE REMOVED

REQ'D: TEMPORARY LOCATION OF BARNWELL DUMPSTER

REQ'D: TEMPORARY LOCATION OF ALPHA KAPPA ALPHA DUMPSTER

REQ'D: ALPHA KAPPA ALPHA DUMPSTER RELOCATED TEMPORARILY TO MAGNOLIA DRIVE

SIAMESE POST CONNECTION
BUILDING OVERHANG (BALCONY ABOVE)
WATER VAULT
STEPS
EXISTING LEASE BOUNDARY
8" BRICK WALL
DUMPSTER
GREASE TRAP
SCREEN WALL
GATE ARM
CONTROL BOX
COVERED STEPS
SANITARY MANHOLE
TOP ELEV 220.19
INV. IN 216.34(6") (SE)
INV. IN 215.15(10") (W)
INV. OUT 215.00(10") (N)
SANITARY MANHOLE
TOP ELEV 220.03
INV. IN 217.44(4") (NW)
INV. IN 217.56(6") (SE)
INV. IN 215.71(6") (S)
INV. OUT 215.71(10") (E)
2" DOMESTIC METER AND B.F.P.
UA WATERMAIN NOT MARKED BY UA IN THIS AREA
SIAMESE POST CONNECTION
WATER VAULT WITH 5" DETECTOR CHECK FOR FIRE MAIN
EXISTING VALVE COVERED UP AND TURN OFF (TAKEN FROM CITY RECORD DRAWINGS)
NOT FIELD VERIFIED
6"EWM (TAKEN FROM CITY RECORD DRAWINGS)
4" DETECTOR CHECK W/ 5/8" METER FOR FIRELINE
CATCH BASIN
TOP ELEV 219.31
INV. IN 215.27(E)
INV. IN 215.27(S)
INV. OUT 213.96(S)
TWIN - 0.90'x1.4'RCP
CATCH BASIN
TOP ELEV 219.65
INV. OUT 217.42(W)
INV. OUT 217.42(W)
TRANSFORMER
NO PARKING
NO PARKING
COVERED LOADING DOCK
36" MAGNOLIA
UA PSD
EGM
EWM
ESS
FST
BE
GATE

McGIFFERT AND ASSOCIATES, LLC DWG No.321-12

FILENAME: UA-ChiOmega-demo
DRAWN BY: J L C
CHECKED BY: W D M

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www.ellisarchitects.com

Interior Renovations and Addition for:

Chi Omega Sorority

The University of Alabama Campus
UA Project Number TBD
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

ALABAMA REGISTERED No. 24047 PROFESSIONAL ENGINEER Wesley Dale McGiffert

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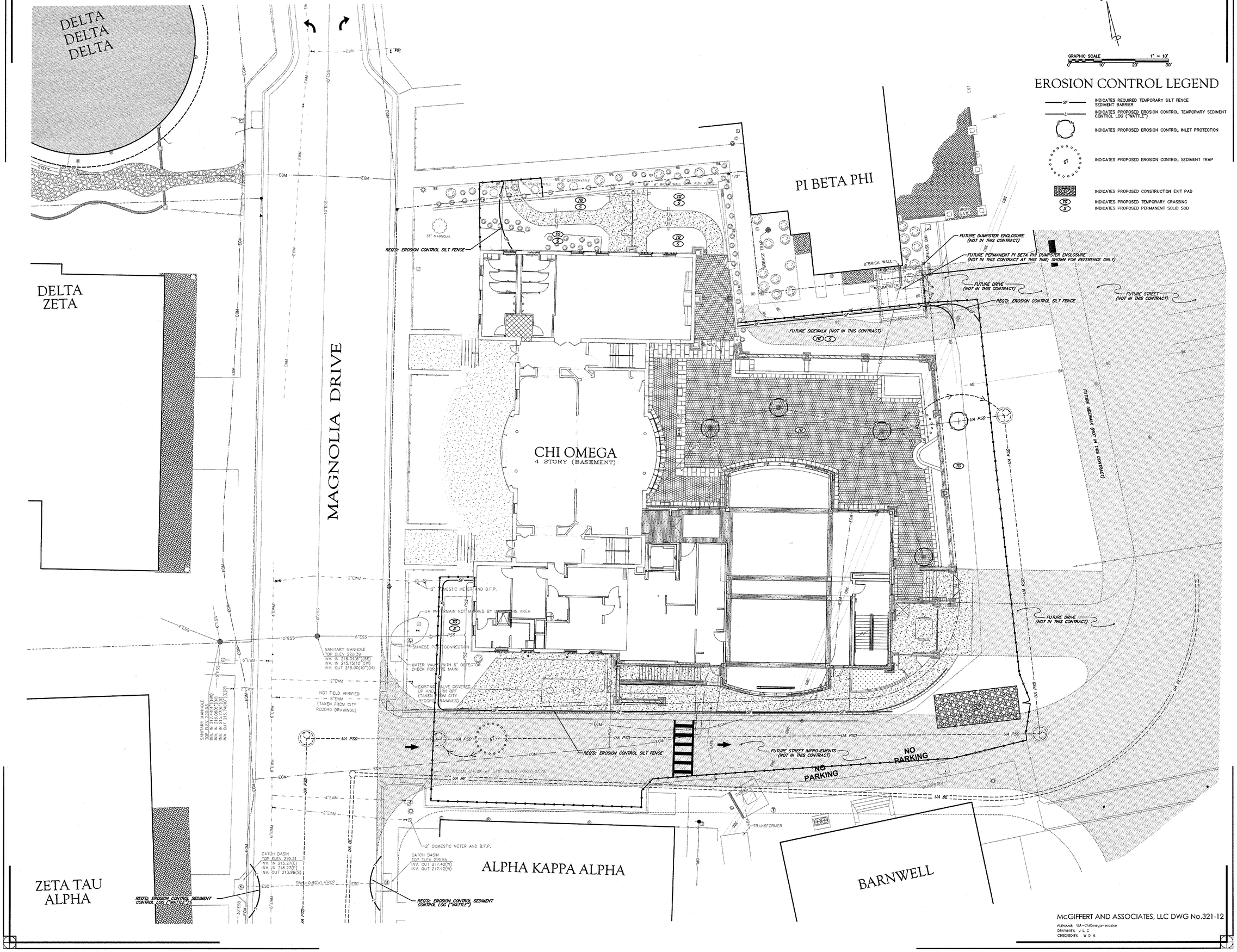
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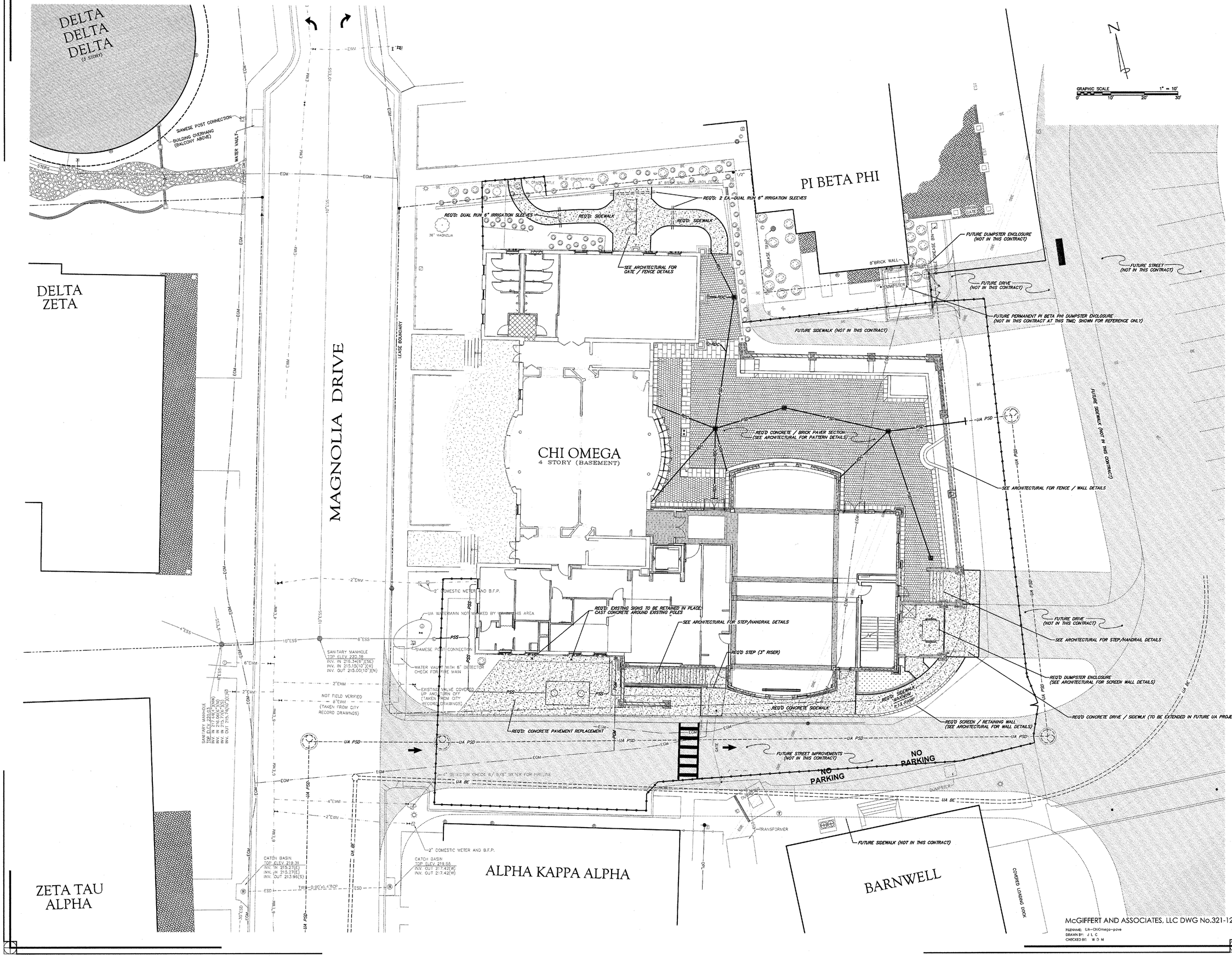
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SITE DEMOLITION PLAN

SHEET NUMBER C1.00


DELTA DELTA DELTA
DELTA ZETA
MAGNOLIA DRIVE
PI BETA PHI
CHI OMEGA
4 STORY (BASEMENT)
ALPHA KAPPA ALPHA
ZETA TAU ALPHA
BARNWELL
GRAPHIC SCALE 1" = 10'
0' 10' 20' 30'
EROSION CONTROL LEGEND
INDICATES REQUIRED TEMPORARY SILT FENCE SEDIMENT BARRIER
INDICATES PROPOSED EROSION CONTROL TEMPORARY SEDIMENT CONTROL LOG ("WATTLE")
INDICATES PROPOSED EROSION CONTROL INLET PROTECTION
INDICATES PROPOSED EROSION CONTROL SEDIMENT TRAP
INDICATES PROPOSED CONSTRUCTION EXIT PAD
INDICATES PROPOSED TEMPORARY GRASSING
INDICATES PROPOSED PERMANENT SOLID SOD
REQ'D: EROSION CONTROL SILT FENCE
FUTURE DUMPSTER ENCLOSURE (NOT IN THIS CONTRACT)
FUTURE PERMANENT PI BETA PHI DUMPSTER ENCLOSURE (NOT IN THIS CONTRACT AT THIS TIME; SHOWN FOR REFERENCE ONLY)
FUTURE DRIVE (NOT IN THIS CONTRACT)
FUTURE STREET (NOT IN THIS CONTRACT)
FUTURE SIDEWALK (NOT IN THIS CONTRACT)
FUTURE STREET IMPROVEMENTS (NOT IN THIS CONTRACT)
NO PARKING
NO PARKING
REQ'D: EROSION CONTROL SEDIMENT CONTROL LOG ("WATTLE")
UA WATER MAIN NOT MARKED BY UTILITIES IN THIS AREA
2" DOMESTIC METER AND B.F.P.
SIAMESE PIPE CONNECTION
WATER VAULT WITH 6" DETECTOR CHECK FOR FIRE MAIN
EXISTING VALVE COVERED UP AND TURN OFF (TAKEN FROM CITY RECORD DRAWINGS)
SANITARY MANHOLE TOP ELEV. 220.39 INV. IN 216.34(6")(SE) INV. IN 215.15(10")(W) INV. OUT 215.00(10")(N)
NOT FIELD VERIFIED 6"EWM (TAKEN FROM CITY RECORD DRAWINGS)
SANITARY MANHOLE TOP ELEV. 220.39 INV. IN 217.44(4")(NW) INV. IN 216.06(6")(S) INV. IN 216.06(6")(E) INV OUT 215.74(10")(SE)
CATCH BASIN TOP ELEV 219.31 INV. IN 215.27(E) INV. IN 215.27(E) INV. OUT 213.98(S)
CATCH BASIN TOP ELEV 219.55 INV. OUT 217.42(W) INV. OUT 217.42(W)
TWIN-0.90"x1.4"RCP
TRANSFORMER
UA PSD
UA BE
UA SSD
UA EWM
UA ECM
UA EGM
UA EOM
UA EUM
UA EBE
UA EST
UA EPH
UA ESD
UA ESS
UA SF
UA SL
UA SD
UA SW
UA SS
UA SG
UA SV
UA SM
UA SP
UA SB
UA SR
UA SC
UA SA
UA SH
UA SI
UA SJ
UA SK
UA SN
UA SO
UA SQ
UA SU
UA SX
UA SZ
UA SY
UA SAN
UA SAN
UA SAN



McGIFFERT AND ASSOCIATES, LLC DWG No.321-12

FILENAME: UA-ChiOmega-pave
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ALABAMA LICENSED No. 24047 PROFESSIONAL ENGINEER JOSEPH L. CHESTER

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SITE PAVING PLAN

SHEET NUMBER C1.02

DELTA DELTA DELTA
(3 STORY)

DELTA ZETA

MAGNOLIA DRIVE

PI BETA PHI

CHI OMEGA
4 STORY (BASEMENT)

ALPHA KAPPA ALPHA

ZETA TAU ALPHA

BARNWELL

N

GRAPHIC SCALE 1" = 10'
0' 10' 20' 30'

SIAMESE POST CONNECTION
BUILDING OVERHANG (BALCONY ABOVE)
WATER VAULT
STEPS
LEASE BOUNDARY
36" MAGNOLIA
RP#1
RP#2
RP#4
BM#1
FINISH FLOOR 224.31
FINISH FLOOR 224.29
FINISH FLOOR 221.35
FFE=224.30
SEE NOTES THIS SHEET FOR BASEMENT EXCAVATION
SEE NOTES THIS SHEET
BASEMENT FINISH FLOOR 224.30
FUTURE DUMPSTER ENCLOSURE (NOT IN THIS CONTRACT)
FUTURE DRIVE (NOT IN THIS CONTRACT)
FUTURE PERMANENT PI BETA PHI DUMPSTER ENCLOSURE (NOT IN THIS CONTRACT AT THIS TIME; SHOWN FOR REFERENCE ONLY)
FUTURE SIDEWALK (NOT IN THIS CONTRACT)
FUTURE STREET (NOT IN THIS CONTRACT)
FUTURE STREET IMPROVEMENTS (NOT IN THIS CONTRACT)
FUTURE SIDEWALK (NOT IN THIS CONTRACT)
NO PARKING
NO PARKING
TOP WALL 228.54
TOP WALL 228.07
TOP WALL 227.51
TOP WALL 227.10
TOP WALL 226.20
SANITARY MANHOLE TOP ELEV 220.39 INV. IN 216.34(6"SE) INV. IN 215.15(10"W) INV. OUT 215.00(10"N)
SANITARY MANHOLE TOP ELEV 221.33 INV. IN 217.44(S) INV. IN 215.50(6"N) INV. OUT 215.74(10"E)
NOT FIELD VERIFIED 6"EWM (TAKEN FROM CITY RECORD DRAWINGS)
2" DOMESTIC METER AND B.F.P.
UA WATERMAIN NOT MARKED BY UTILITIES AREA
SIAMESE POST CONNECTION
WATER VAULT WITH 6" DETECTOR CHECK FOR FIRE MAIN
EXISTING VALVE COVERED UP AND TURN OFF (TAKEN FROM CITY RECORD DRAWINGS)
4" DETECTOR CHECK W/ 5/8" METER FOR FIRELINE
CATCH BASIN TOP ELEV 219.31 INV. IN 215.27(E) INV. IN 215.27(E) INV. OUT 213.96(S)
TWIN - 0.90"x1.4"RCP
CATCH BASIN TOP ELEV 219.55 INV. OUT 217.42(W) INV. OUT 217.42(W)
TRANSFORMER
GREASE TRAP
GREASE INT.
GREASE BIN
DUMPSTER
GARAGE
UA PSD
UA BE
EGM
EWM
ESS
PSS
FSD
BE
RDC
TOP/C
FF
EF
EW

BASEMENT EXCAVATION / BACKFILL NOTE:

1. CONTRACTOR SHALL ANTICIPATE COORDINATION WITH UA PROJECT IN REGARDS TO THE TIMING/SEQUENCING OF THE INSTALLATION OF THE PROPOSED STORM SEWER (SEPARATE UA PROJECT) AND THE CHI OMEGA BASEMENT EXCAVATION AND BACKFILL. CHI OMEGA BASEMENT BACKFILL SHALL BE BACKFILLED AND COMPACTED TO A LEVEL APPROXIMATELY 6 INCHES ABOVE THE TOP OF THE PROPOSED STORM SEWER. CHI OMEGA BASEMENT EXCAVATION SHALL THEN BE HALTED AND ALLOW FOR UA TO INSTALL THE PROPOSED STORM SEWER. UA WILL EXCAVATE AND BACKFILL THE PROPOSED STORM SEWER TRENCH TO THE BASEMENT BACKFILL ELEVATION OF 6 INCHES ABOVE THE PIPE. AFTER COMPLETION OF THE STORM SEWER INSTALLATION IN THE AREA OF THE BASEMENT EXCAVATION, THE CHI OMEGA CONTRACTOR SHALL CONTINUE BASEMENT BACKFILL AND COMPACTION OPERATIONS TO THE PRE-CONSTRUCTION STREET ELEVATIONS, MINUS 18 INCHES. THE FINAL 18 INCHES SHALL BE BACKFILLED WITH ALDOT 825B CRUSHED LIMESTONE COMPACTED TO 100% SPD ASTM D 698.
2. ALL BASEMENT BACKFILL SHALL BE COMPACTED TO 98% SPD ASTM D 698 IN MAXIMUM 12" LOOSE LIFTS. BACKFILL MATERIAL (EXCLUDING DRAINAGE TILE ADJACENT TO THE BASEMENT WALLS, FOUNDATIONS, FOUNDATION DRAINS, FOOTINGS, ETC.) SHALL BE MATERIAL MEETING THE EMBANKMENT FILL REQUIREMENTS AS SPECIFIED IN THE TECHNICAL SPECIFICATIONS. SEE STRUCTURAL DETAILS, AND/OR GEOTECHNICAL RECOMMENDATIONS FOR DRAINAGE TILE BACKFILL MATERIAL ADJACENT TO BASEMENT WALLS, FOUNDATIONS, FOOTINGS, ETC.)

McGIFFERT AND ASSOCIATES, LLC DWG No.321-12

FILENAME: UA-ChiOmega-grade
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ALABAMA REGISTERED No. 24047 PROFESSIONAL ENGINEER JASON L. COKER

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SITE GRADING PLAN

SHEET NUMBER C1.03

DELTA DELTA DELTA
(3 STORY)

DELTA ZETA

ZETA TAU ALPHA

ALPHA KAPPA ALPHA

BARNWELL

PI BETA PHI

CHI OMEGA
4 STORY (BASEMENT)

MAGNOLIA DRIVE

SIAMESE POST CONNECTION

BUILDING OVERHANG (BALCONY ABOVE)

WATER VAULT

LEASE BOUNDARY

REQ'D: CONNECT EXISTING DOWNSPOUT (SEE MEP / ARCHITECTURAL FOR BOOT AND CONNECTION)

REQ'D: 6" PVC SDR 26 ROOF DRAIN COLLECTOR @ MIN. 2.00%

REQ'D: CONNECT TO DOWNSPOUT (SEE MEP / ARCHITECTURAL FOR BOOT AND CONNECTION)

REQ'D: 6" PVC SDR 26 ROOF DRAIN COLLECTOR @ MIN. 1.00%

REQ'D: DRAINAGE STRUCTURE No. 1
GRATE INLET (EAST JORDAN V-5624 OR EQUAL)
TOP ELEV. 223.98
INV. IN 221.50 (6" NW & W)
INV. OUT 220.00

REQ'D: 10" PVC SDR 26 ROOF DRAIN COLLECTOR @ MIN. 1.00%

REQ'D: DRAINAGE STRUCTURE No. 3
GRATE INLET (EAST JORDAN V-5624-80 PEDESTRIAN SAFE, OR EQUAL)
TOP ELEV. 223.98
INV. IN 221.50 (4" S)
INV. IN 221.50 (6" NW, SW & SE)
INV. IN 219.60 (10" N)
INV. OUT 219.00 (12" E)

REQ'D: DRAINAGE STRUCTURE No. 2
GRATE INLET (EAST JORDAN V-5624-80 PEDESTRIAN SAFE, OR EQUAL)
TOP ELEV. 223.61
INV. IN 218.78 (12" W)
INV. OUT 218.68 (12" E)

REQ'D: 6" PVC SDR 26 ROOF DRAIN COLLECTOR @ MIN. 2.00%

REQ'D: 12" PVC SDR 26 STORM DRAIN @ 1.00%

REQ'D: 4" PVC SDR 26 ROOF DRAIN COLLECTOR @ MIN. 2.00%

REQ'D: CONNECT TO DOWNSPOUT (SEE MEP / ARCHITECTURAL FOR BOOT AND CONNECTION)

REQ'D: 4" PVC SDR 26 ROOF DRAIN COLLECTOR FOR BASEMENT SUMP (SEE MEP FOR CONTINUATION AND CONNECTION TO BUILDING)

REQ'D: DRAINAGE STRUCTURE No. 4
GRATE INLET (EAST JORDAN V-5624-80 PEDESTRIAN SAFE, OR EQUAL WITH SUMP AND SHOUT CONNECTION
TOP ELEV. 223.78
INV. IN 221.50 (6" SW)
INV. IN 220.30 (10" SE)
INV. IN 219.36 (12" W)
INV. OUT 218.86 (10" SE)
SUMP ELEV. 215.00

REQ'D: STUB-OUT FOR CONNECTION TO FUTURE UA STORM SEWER FLOW LINE = 218.00

SEE NOTE 1 THIS SHEET

REQ'D: 12" DUCTILE IRON CL 50 STORM DRAIN @ 1.00%

REQ'D: 10" PVC SDR 26 STORM SEWER @ 2.00%

PROPOSED STORM SEWER (NOT IN THIS CONTRACT)

REQ'D: DRAINAGE STRUCTURE No. 5
GRATE INLET (EAST JORDAN V-5624 OR EQUAL)
TOP ELEV. 223.95
INV. OUT 221.00 (10" NW)

FUTURE DRIVE (NOT IN THIS CONTRACT)

FUTURE DUMPSTER ENCLOSURE (NOT IN THIS CONTRACT)

FUTURE PERMANENT PI BETA PHI DUMPSTER ENCLOSURE (NOT IN THIS CONTRACT AT THIS TIME; SHOWN FOR REFERENCE ONLY)

FUTURE DRIVE (NOT IN THIS CONTRACT)

FUTURE STREET (NOT IN THIS CONTRACT)

FUTURE SIDEWALK (NOT IN THIS CONTRACT)

FUTURE SIDEWALK (NOT IN THIS CONTRACT)

REQ'D: RECONNECT TO EXISTING DOMESTIC WATER SERVICE (SEE MEP FOR FURTHER DETAILS AND EXACT LOCATION OF NEW SERVICE FROM BUILDING)

REQ'D: 6" PVC SDR 26 SANTARY SEWER LATERAL @ 2.00% MIN.

REQ'D: CONNECT TO EXISTING 6" SANITARY SEWER; CONFIRM DEPTH PRIOR TO BEGINNING ANY SANITARY WORK

2" DOMESTIC METER AND B.F.P.

SEE MEP FOR CONTINUATION TO BUILDING

REQ'D: PROPOSED ALAGASCO GAS METER RELOCATION; SEE MEP FOR EXACT LOCATION AND CONNECTION DETAILS

REQ'D: ALAGASCO NATURAL GAS SERVICE DRAIN AND CONNECTION TO EXISTING MAIN; CONTRACTOR TO COORDINATE WITH ALAGASCO INSTALLATION DETAILS, SERVICE MAIN SIZE, ETC.

SAMESE POST CONNECTION

WATER VAULT WITH 6" DETECTOR CHECK FOR FIRE MAIN

EXISTING VALVE COVERED UP AND TURN OFF (TAKEN FROM CITY RECORD DRAWINGS)

SANITARY MANHOLE
TOP ELEV. 220.39
INV. IN 218.34(6"(SE)
INV. IN 215.15(10"(W)
INV. OUT 215.00(10"(N)

NOT FIELD VERIFIED
6"EWM
(TAKEN FROM CITY RECORD DRAWINGS)

SANITARY MANHOLE
TOP ELEV. 220.03
INV. IN 217.44(8"(NW)
INV. IN 215.66(8"(SE)
INV. IN 215.77(8"(S)
INV. OUT 215.74(10"(E)

4" DETECTOR CHECK W/ 5/8" METER FOR FIRELINE

CATCH BASIN
TOP ELEV. 219.31
INV. IN 215.27(E)
INV. IN 215.27(E)
INV. OUT 213.99(S)

TWIN - 0.90"x1.4"RCP

CATCH BASIN
TOP ELEV. 219.55
INV. OUT 217.42(W)
INV. OUT 217.42(W)

2" DOMESTIC METER AND B.F.P.

WATERMAIN NOT MARKED BY THIS AREA

SEE MEP FOR GREASE TRAP DETAILS; MANHOLE RING/COVER TO BE SET FLUSH WITH FINISH GRADE

PROPOSED STORM SEWER NOT IN THIS CONTRACT; (SEE SHEET C1.03 FOR COORDINATION NOTES)

NO PARKING

NO PARKING

FUTURE STREET IMPROVEMENTS (NOT IN THIS CONTRACT)

TRANSFORMER

COVERED LOADING DOCK

36" MAGNOLIA

GREASE BIN

DUMPSTER

TRAP

IRON GATE

8"BRICK WALL

95.6" CRAPEMYRTLE

8" BRICK WALL AND IRON FENCE

N

GRAPHIC SCALE 1" = 10'
0' 10' 20' 30'

NOTES

1. CONTRACTOR SHALL ANTICIPATE THAT STORM SEWER AT DISCHARGE POINT SHALL BE TEMPORARILY PUMPED TO NEAREST MAGNOLIA DRIVE OR BARNWELL PARKING LOT EXISTING STORM SEWER UNTIL UA STORM SEWER IS COMPLETED (SUBJECT TO BASEMENT EXCAVATION/BACKFILL PER SHEET C1.03 NOTES). CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH SUCH TEMPORARY PUMPING. CONTRACTOR RESPONSIBLE FOR ALL PUMP MAINTENANCE, MONITORING, REPAIR, INSTALLATION, ETC.

McGIFFERT AND ASSOCIATES, LLC DWG No.321-12

FILENAME: UA-ChiOmega-utility
DRAWN BY: J L C
CHECKED BY: W D M

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WILLIAM DEWEESE McGIFFERT
No. 24047
PROFESSIONAL ENGINEER
STATE OF ALABAMA
JASON L. COKER

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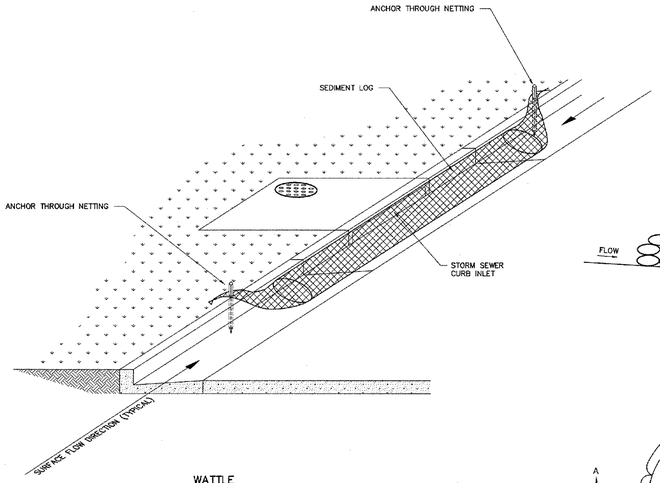
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SITE UTILITY PLAN

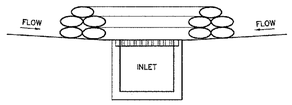
SHEET NUMBER C1.04



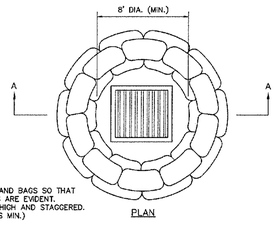
WATTLE
CURB INLET PROTECTION
N.T.S.

SPECIAL PROVISIONS FOR THE 2002 ALDOT STANDARD SPECIFICATIONS BOOK

WATTLES
A WATTLE SHALL BE A TUBULAR SHAPED OR OTHER ELONGATED SHAPED SEDIMENT FILTER THAT IS A MANUFACTURED PRODUCT SPECIFICALLY PRODUCED FOR SEDIMENT CONTROL. IT SHALL BE MADE FROM INTERWOVEN BIODEGRADABLE PLANT MATERIAL SUCH AS STRAW, COIR, OR WOOD SHAVINGS IN BIODEGRADABLE OR PHOTODEGRADABLE NETTING. THE WATTLE SHALL HAVE A CYLINDRICAL CROSS SECTION THAT IS AT LEAST THE DIAMETER SHOWN IN THE PAY ITEM DESCRIPTION OR OTHER CROSS SECTION THAT WILL RESULT IN AN EQUIVALENT CROSS SECTIONAL AREA.



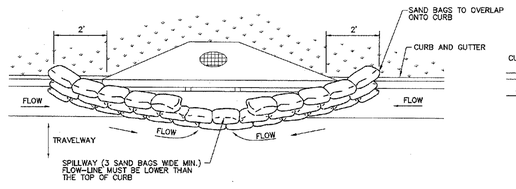
SECTION A–A



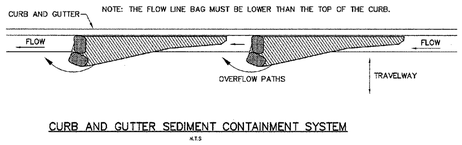
NOTE:
PLACE SAND BAGS SO THAT NO GAPS ARE EVIDENT. 3 BAGS HIGH AND STAGGERED. (80 BAGS MIN.)

PLAN

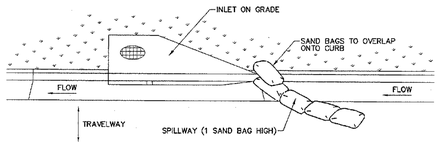
SAND BAG BARRIER
N.T.S.



TYPICAL (SAND BAG) PROTECTION FOR INLET IN SAG
N.T.S.



CURB AND GUTTER SEDIMENT CONTAINMENT SYSTEM
N.T.S



TYPICAL (SAND BAG) PROTECTION FOR INLET ON GRADE
N.T.S

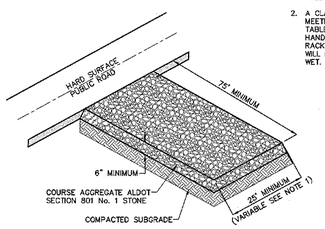
CURB INLET PROTECTION NOTES:

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 DENUDED AREAS EXIST BEHIND THE INLET, A SEDIMENT BARRIER SHOULD BE INSTALLED AROUND IT'S PERIMETER TO CONTROL SEDIMENT.

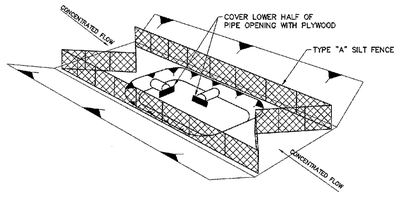
SAND BAG INLET PROTECTION DETAILS
N.T.S.

NOTES:

1. WIDTH SHALL BE 25 FEET MINIMUM BUT MAY BE ADJUSTED TO EQUAL FULL WIDTH OF VEHICULAR EGRESS.
2. A CLASS IV NON-WOVEN GEOTEXTILE MEETING THE REQUIREMENTS SHOWN IN TABLE CEP-1 OF THE ALABAMA HANDBOOK SHOULD BE USED UNDER RACK WHEN SUBGRADE IS SOFT & WILL NOT SUPPORT TRAFFIC WHEN WET.

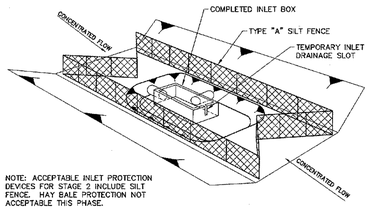


CONSTRUCTION EXIT PAD
N.T.S.



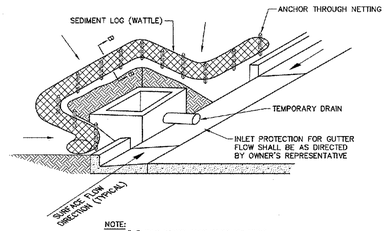
INLET BOX LOCATION EXCAVATED
N.T.S.

STAGE 1



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

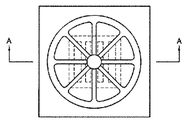
INLET BOX CONSTRUCTED BUT NOT BACKFILLED
N.T.S.



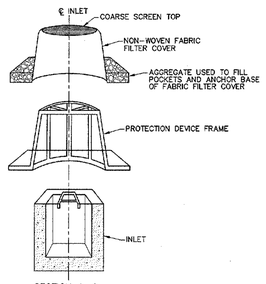
NOTE:
TYPE "A" SILT FENCE MAY ALSO BE USED FOR THIS APPLICATION.
HAY BALES NOT ACCEPTABLE DURING THIS STAGE.

CURB INLET PROTECTION
N.T.S.

STAGE 2



PLAN



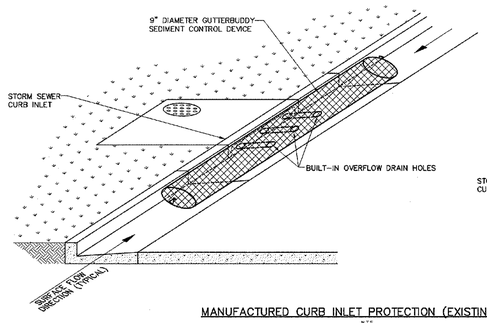
SECTION A–A

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 ALDOT #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 AND 4 INLET CONSTRUCTION.

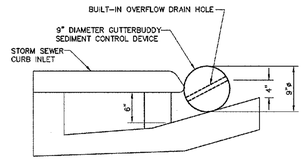
MANUFACTURED DEVICE INLET PROTECTION DETAILS
N.T.S.

STAGE 3

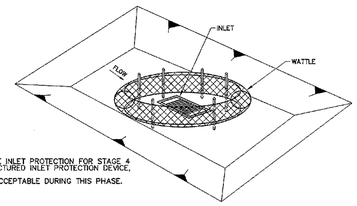


NOTES:

1. INLET PROTECTION SHALL BE 9" DIAMETER GUTTERBUDDY SEDIMENT CONTROL DEVICE OR APPROVED EQUAL.
2. CONTROL DEVICE SHALL COVER THE INLET TWELVE (12) INCHES BEYOND INLET ON BOTH ENDS.
3. THE GUTTERBUDDY SHOULD BE CLEANED IF A VISUAL INSPECTION SHOWS SILT AND DEBRIS BUILD UP AROUND THE GUTTERBUDDY.
4. PONDING IS LIKELY IF SEDIMENT IS NOT REMOVED REGULARLY. INSPECTION OF GUTTERBUDDY SHOULD BE ON A REGULAR BASIS AND IMMEDIATELY AFTER MAJOR RAIN EVENTS.
5. BUILT-IN OVERFLOW DRAIN HOLES SHALL BE PLACED 4" ABOVE EDGE OF CURB SO THAT OVERFLOW WATER WILL DRAIN DURING EXTREME EVENTS.

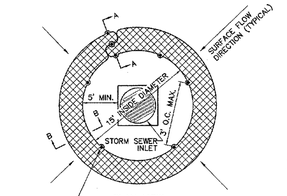


MANUFACTURED CURB INLET PROTECTION (EXISTING INLET)
N.T.S.

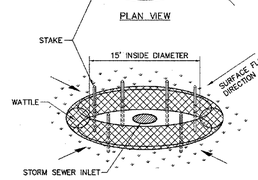


NOTE: ACCEPTABLE INLET PROTECTION FOR STAGE 4 INCLUDES MANUFACTURED INLET PROTECTION DEVICE, OR WATTLE. HAY BALES NOT ACCEPTABLE DURING THIS PHASE.

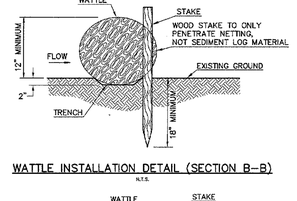
INLET CONSTRUCTED & BACKFILLED WITH FINAL GRADING OPERATIONS COMPLETED OR IN PROGRESS
N.T.S.



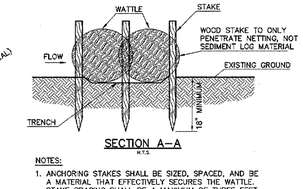
PLAN VIEW



GRATE INLET/YARD INLET PROTECTION
N.T.S.



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 MANUFACTURERS RECOMMENDATIONS (1" MIN., 3" MAX.)
3. TRENCHING OF WATTLES SHALL BE REQUIRED TO AVOID PIPING.

STAGE 4

INLET PROTECTION CONSTRUCTION STAGES NOTES:

1. INLET PROTECTION

   a.) INLET PROTECTION SHALL BE INSTALLED AT LOCATIONS AND IN ACCORDANCE WITH REQUIREMENTS SHOWN ON THE PLANS FOR THE APPROPRIATE STAGES OF CONSTRUCTION OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE. APPROVED MANUFACTURED PRODUCTS SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS. SITE CONSTRUCTED PROTECTION MAY INCLUDE WATTLE, SILT FENCE, OR OTHER PRACTICES NECESSARY OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.

   b.) STAGE 1 INLET PROTECTION SHALL BE INSTALLED AFTER THE OUTFLOW DRAINAGE HAS BEEN INSTALLED AND PRIOR TO THE CONSTRUCTION OF THE INLET.

   c.) STAGE 2 INLET PROTECTION SHALL BE INSTALLED AFTER THE INLET IS CONSTRUCTED AND PRIOR TO BACKFILLING.

   d.) STAGE 3 INLET PROTECTION SHALL BE INSTALLED AFTER THE BACKFILLING IS COMPLETED AROUND THE INLET STRUCTURE.

   e.) STAGE 4 PROTECTION IS REQUIRED AFTER INLETS ARE COMPLETE BUT PRIOR TO FINAL STABILIZATION OF THE AREA SURROUNDING THE INLET. STAGE 4 INLET PROTECTION FOR DROP INLETS SHALL BE IN ACCORDANCE WITH REQUIREMENTS AND DETAILS SHOWN ON THE PLANS. ACCEPTABLE PROTECTION MAY BE CONSTRUCTED WITH MANUFACTURED INLET DEVICES, OR WATTLES.

   f.) ALL INLET PROTECTION INSTALLATIONS SHALL BE CONSTRUCTED TO ENSURE THAT RUNOFF DOES NOT BYPASS THE INLET.

2. INLET CONSTRUCTION SHOULD COMMENCE AS SOON AS POSSIBLE AND BE CONTINUOUS THROUGH COMPLETION OF THE PROJECT.
3. CONFIGURATIONS MAY BE ADJUSTED BECAUSE OF WATER FLOW, SOIL, OR INSTALLATION CHALLENGES, WITH APPROVAL OF THE OWNER'S REPRESENTATIVE.
4. DURING STAGE 1 AND STAGE 2, SILT FENCE MAY BE REQUIRED UPSLOPE OF THE INLET EXCAVATION AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
5. IF SILT FENCING IS INSTALLED AROUND THE INLET EXCAVATION, IT SHOULD BE PLACED IN A CONFIGURATION THAT WILL ALLOW INLET CONSTRUCTION.
6. PAYMENT FOR ITEMS USED TO CONSTRUCT STAGE 1, STAGE 2, STAGE 3, AND STAGE 4 INLET PROTECTIONS WILL BE MEASURED FOR PAYMENT APPROPRIATELY AS PER UNIT PRICE BID SCHEDULE, I.E., SILT FENCE, WATTLES, ETC. PAYMENT SHALL INCLUDE ALL MAINTENANCE, REPLACEMENT, REPAIR, ETC.

INLET PROTECTION

McGIFFERT AND ASSOCIATES, LLC DWG No.321-12

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Interior Renovations and Addition for:

Chi Omega Sorority

The University of Alabama Campus
UA Project Number TBD
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

WILLIAM D. MCGIFFERT
LICENSED
No. 24047
PROFESSIONAL
ENGINEER
STATE OF ALABAMA

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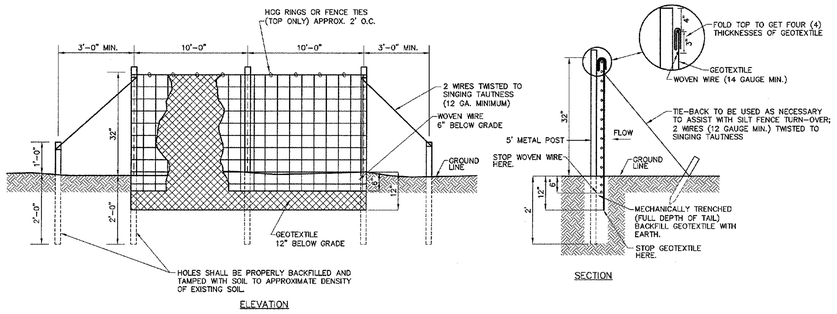
Do Not Scale From Drawings.

Contractor must verify all dimensions prior to construction.

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DATE:	REV DATE:
01/18/2013	
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SITE STANDARD DETAILS

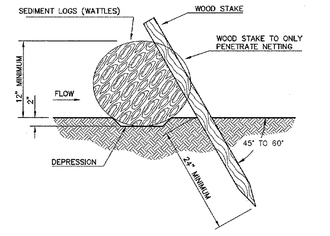
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TYPE "A" SILT FENCE DETAIL
N.T.S.

GENERAL NOTES:

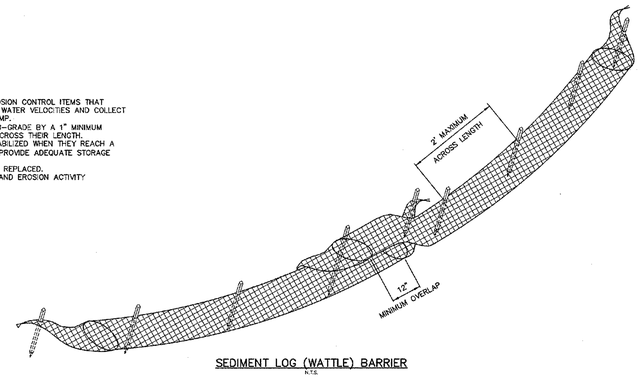
1. SILT FENCES ARE TEMPORARY EROSION CONTROL ITEMS THAT SHALL BE ERECTED OPPOSITE ERODABLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STREAMS, CHANNELS, STREETS, CURBS, ETC.
2. SILT FENCE SHOULD BE PLACED WELL INSIDE CLEARING LIMITS. THIS WILL ALLOW ROOM FOR A BACK-UP FENCE IF FIRST BECOMES 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. SILT FENCE SHALL BE FASTENED TO UPSTREAM SIDE OF POST & WIRE BY HOG RINGS OR FENCE TIES. (17 GAUGE MIN.)
5. REMOVE SEDIMENT DEPOSITS WHEN THEY REACH A DEPTH OF 15" OR 1/2 THE HEIGHT OF THE FENCE AS INSTALLED TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN EVENT AND TO REDUCE PRESSURE ON THE FENCE.
6. SHOULD THE SILT FENCE BECOME DAMAGED OR OTHERWISE INEFFECTIVE WHILE THE BARRIER IS STILL NECESSARY, IT SHALL BE REPAIRED PROMPTLY WITH A NEW SECTION OF FILTER OVERLAPPING A MINIMUM OF 12 INCHES ON EACH SIDE OF A BREAK.
7. AFTER THE CONSTRUCTION AREA IS STABILIZED AND EROSION ACTIVITY CURTAILED, SILT FENCES SHALL BE REMOVED.



SEDIMENT LOG (WATTLE) BARRIER INSTALLATION DETAIL
N.T.S.

NOTES:

1. SEDIMENT LOGS (WATTLES) ARE TEMPORARY EROSION CONTROL ITEMS THAT SHALL BE ERECTED TO REDUCE EROSIVE STORM WATER VELOCITIES AND COLLECT SEDIMENT ON THE UP-GRADIENT SIDE OF THE BMP.
2. SEDIMENT LOGS SHALL BE SECURED TO THE SUB-GRADE BY A 1" MINIMUM DIAMETER WOOD STAKE EVERY 2 LINEAR FEET ACROSS THEIR LENGTH.
3. SEDIMENT DEPOSITS MUST BE REMOVED AND STABILIZED WHEN THEY REACH A DEPTH OF 1/2 THE HEIGHT OF THE WATTLE TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN EVENT.
4. WORN, DAMAGED, OR ROTTEN WATTLES MUST BE REPLACED.
5. AFTER THE CONSTRUCTION AREA IS STABILIZED AND EROSION ACTIVITY CURTAILED, WATTLES MUST BE REMOVED.



SEDIMENT LOG (WATTLE) BARRIER
N.T.S.

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Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

ALABAMA LICENSED No. 24047 PROFESSIONAL ENGINEER JASON L. COKER

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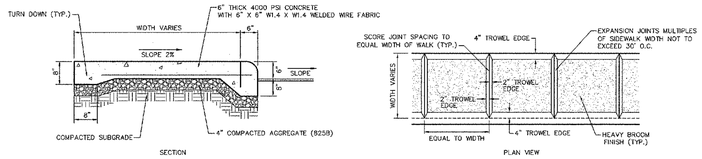
Do Not Scale From Drawings.

Contractor must verify all dimensions prior to construction.

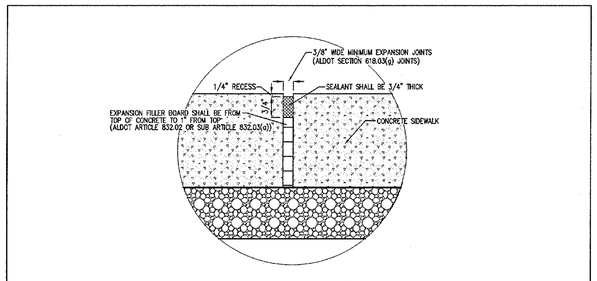
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SITE STANDARD DETAILS

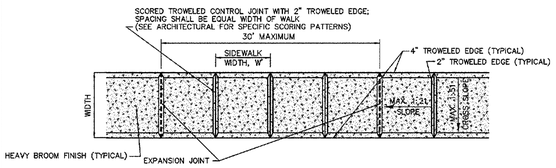
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INTEGRAL SIDEWALK AND CURB DETAIL
N.T.S.



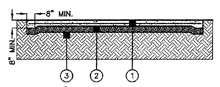
EXPANSION JOINT DETAIL
N.T.S.



TYPICAL CONCRETE SIDEWALK
N.T.S.

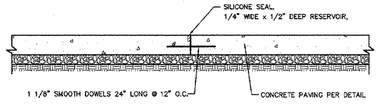
SIDEWALK NOTES:

1. EXPANSION JOINTS TO BE PLACED AT ALL CURB RETURNS AND WHERE WALKS OR DRIVES JOIN OTHER CONCRETE. EXPANSION JOINTS SHALL LINE UP WITH EXPANSION JOINTS OF ADJACENT CURBS, DRIVES, ETC., BUT IN NO INSTANCE MORE THAN 30 FEET BETWEEN JOINTS. EXPANSION JOINTS SHALL BE FORMED USING A FILLER AND SEALER AS PER ALDOT ARTICLE 832.01 AND 832.02. EXPANSION JOINT FILLER SHALL BE FROM THE BOTTOM OF THE SIDEWALK TO 1" FROM THE TOP. THE SEALER SHALL BE 3/4" THICK AND SHALL BE RECESSED 1/4" FROM THE TOP OF THE SIDEWALK.
2. 1/2" ø DOWEL REBAR (MINIMUM 18" ON CENTER) SHALL BE INSTALLED AT CONNECTION TO ALL EXISTING SIDEWALKS, WITH MINIMUM 12" EMBEDMENT EITHER SIDE OF JOINTS. DOWEL SHALL BE DRILLED AND EPOXYED IN EXISTING CONCRETE.
3. SCORED (TROWELED) CONTROL JOINTS SHALL BE PLACED TO MATCH SIDEWALK WIDTH, DEPTH TO BE MINIMUM 1" AND WITH MINIMUM WIDTH OF 1/4". SEE ARCHITECTURAL/LANDSCAPE FOR ANY DIFFERENT OR SPECIFIC SCORING PATTERN.



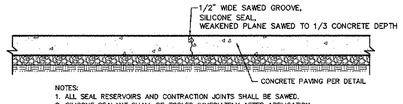
① REQ'D: SIDEWALK, 6" THICK, 4000 PSI CONCRETE WITH 6x6 W1.4 X W1.4 WELDED WIRE FABRIC
② REQ'D: CRUSHED AGGREGATE LIMESTONE BASE COURSE ALDOT 825 TYPE "B", 4" COMPACTED THICKNESS, COMPACTED TO 95% SPD ASTM D 698
③ REQ'D: SUBGRADE NATURAL OR FILL COMPACTED TO 98% SPD ASTM D 698

TYPICAL PERMANENT SIDEWALK SECTION
N.T.S.



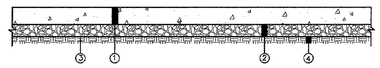
NOTES:
1. ALL SEAL RESERVOIRS AND CONTRACTION JOINTS SHALL BE SAWED.
2. SILICONE SEALANT SHALL BE TOOLED IMMEDIATELY AFTER APPLICATION.
3. CONSTRUCTION JOINT FILLER AND SEALER SHALL BE PER ALDOT ARTICLES 832.01 AND 832.023.
4. DOWELS SHALL BE DRILLED AND EPOXYED IN EXISTING CONCRETE.

CONSTRUCTION JOINT DETAIL
N.T.S.



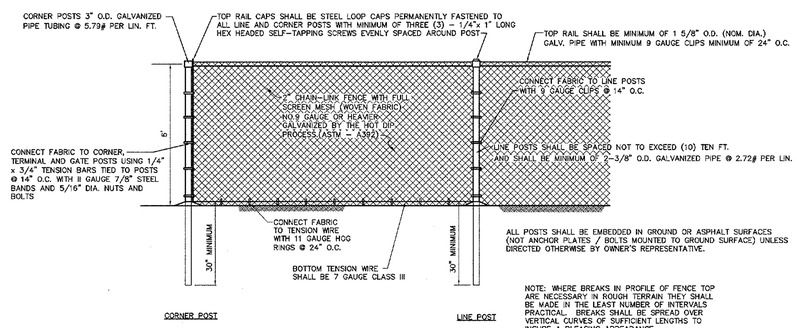
NOTES:
1. ALL SEAL RESERVOIRS AND CONTRACTION JOINTS SHALL BE SAWED.
2. SILICONE SEALANT SHALL BE TOOLED IMMEDIATELY AFTER APPLICATION.
3. CONTRACTION JOINTS SHALL BE SPACED AS INDICATED ON DRAWINGS.

CONTRACTION JOINT DETAIL
N.T.S.



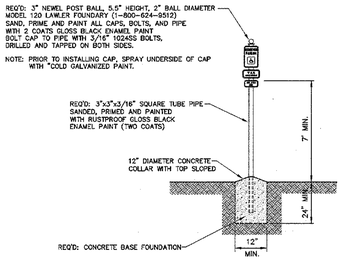
① REQ'D: 6" THICK, CONCRETE WITH 6" X 6" W1.4 X W1.4 WELDED WIRE FABRIC REINFORCEMENT (4500 PSI COMPRESSIVE & 600 PSI FLEXURAL AT 28 DAYS)
② REQ'D: CRUSHED LIMESTONE BASE COURSE (ALDOT SECTION 825, TYPE B) (6" THICK, COMPACTED TO 100% SPD ASTM D 698)
③ REQ'D: SUBGRADE PROCESSING ALDOT SEC. 230 MIN 6" THICK COMPACTED TO 98% SPD ASTM D 698
④ REQ'D: SUBGRADE NATURAL OR FILL COMPACTED TO 98% SPD ASTM D 698

CONCRETE PAVING DETAIL (DUMPSTER ACCESS & SOUTH PARKING)
N.T.S.



NOTE: WHERE BREAKS IN PROFILE OF FENCE TOP ARE NECESSARY IN ROUGH TERRAIN THEY SHALL BE MADE IN THE LEAST NUMBER OF INTERVALS PRACTICAL. BREAKS SHALL BE SPREAD OVER VERTICAL CURVES OF SUFFICIENT LENGTHS TO INSURE A PLEASING APPEARANCE.

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



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

PAINT SPEC (BASIS OF DESIGN DEVOE HIGH PERFORMANCE COATINGS)
- PRIMER: DEVRAN 205 (1 COAT)
- GLOSS ENAMEL: DEVTHANE 379K9903, BLACK COLOR (2 COATS)
- URETHANE FINISH: DEVTHANE 379K0036, CLEAR (1 COAT)

McGIFFERT AND ASSOCIATES, LLC DWG No.321-12

FILENAME: UA-ChiOmega-details
DRAWN BY: J L C
CHECKED BY: W D M

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205.752.4420
www.ellisarchitects.com

Interior Renovations and Addition for:

Chi Omega Sorority

The University of Alabama Campus
UA Project Number TBD
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

ALABAMA REGISTERED No. 24047 PROFESSIONAL ARCHITECT JASON L. ELLIS

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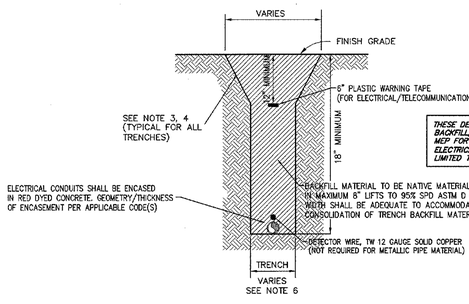
Do Not Scale From Drawings.

Contractor must verify all dimensions prior to construction.

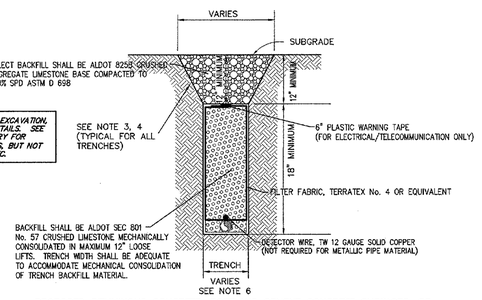
JOB No.	11039
DATE:	REV DATE:
01/18/2013	
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SITE STANDARD DETAILS

SHEET NUMBER C2.02

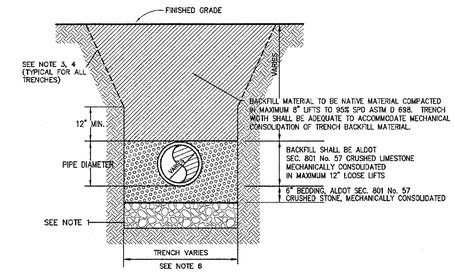


ALL AREAS NOT UNDER CONCRETE OR PAVED SURFACES
N.T.S.

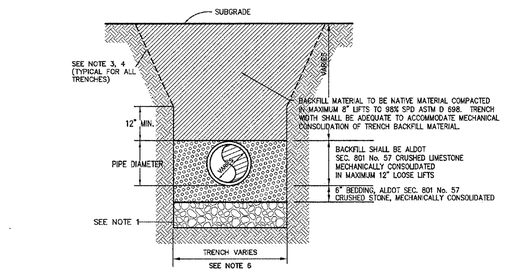


PROPOSED BITUMINOUS CONCRETE, PORTLAND CEMENT CONCRETE SURFACES, OR CONCRETE PAVER AREA
N.T.S.

ELECTRICAL / TELECOMMUNICATION / IRRIGATION TRENCH DETAILS

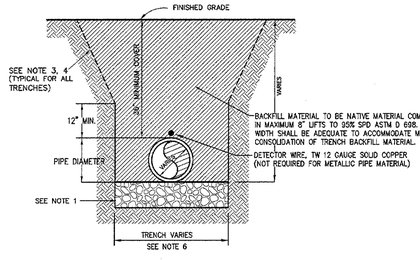


ALL AREAS NOT UNDER CONCRETE OR PAVED SURFACES
N.T.S.

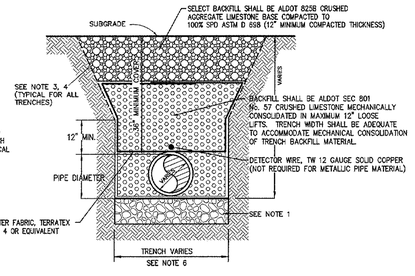


FUTURE IMPROVED AREAS AND PROPOSED BITUMINOUS CONCRETE OR PORTLAND CEMENT CONCRETE SURFACES
N.T.S.

SANITARY SEWER TRENCH DETAILS: PVC OR DUCTILE IRON

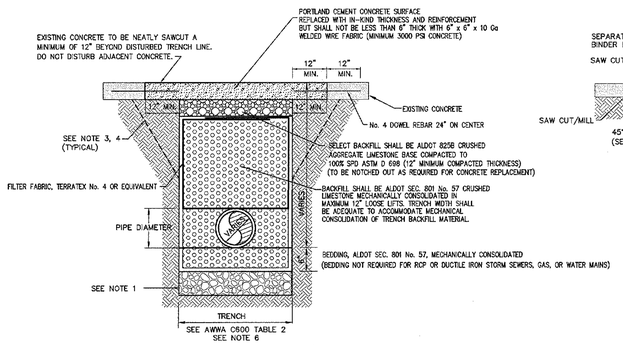


ALL AREAS NOT UNDER CONCRETE OR PAVED SURFACES
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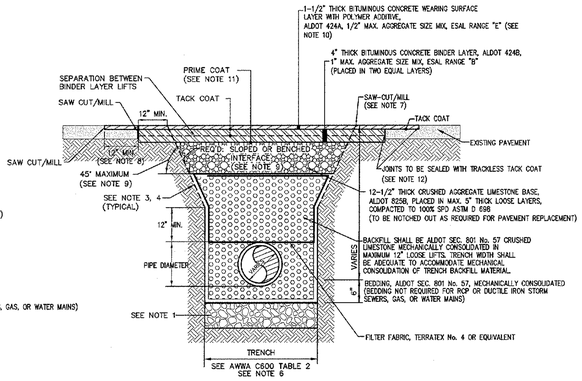


PROPOSED BITUMINOUS CONCRETE OR PORTLAND CEMENT CONCRETE SURFACES
N.T.S.

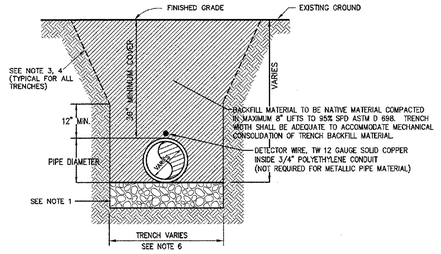
WATER MAIN TRENCH DETAILS PVC OR DUCTILE IRON



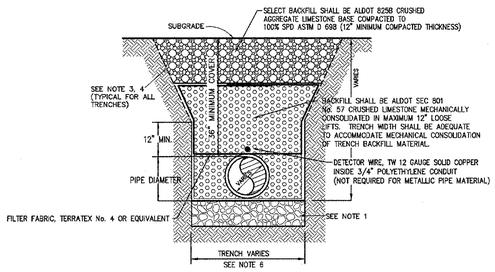
UTILITY TRENCH DETAIL
EXISTING PORTLAND CEMENT CONCRETE SURFACES
N.T.S.



UTILITY TRENCH/PAVEMENT REPAIR DETAIL
EXISTING BITUMINOUS CONCRETE SURFACES FOR HEAVY DUTY TRAFFIC
N.T.S.

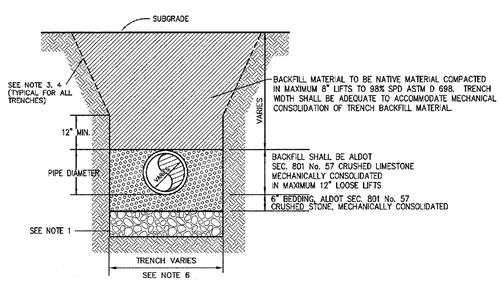


ALL AREAS NOT UNDER CONCRETE OR PAVED SURFACES
N.T.S.



PROPOSED BITUMINOUS CONCRETE OR PORTLAND CEMENT CONCRETE SURFACES
N.T.S.

NATURAL GAS MAIN TRENCH DETAILS



STORM SEWER TRENCH DETAILS: PVC OR HDPE

NOTES:

1.) TRENCH FOUNDATION REQUIRED ONLY WHEN EXISTING SOIL CONDITIONS ARE INADEQUATE FOR PROPER PIPE SUPPORT AS DETERMINED BY OWNER'S REPRESENTATIVE.

2.) 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.

3.) 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.

4.) 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.

5.) ALL UTILITY TRENCH BACKFILL SHALL BE COMPACTED TO A MINIMUM OF 95% SPD ASTM D 698 UNLESS OTHERWISE NOTED BY ABOVE DETAILS.

6.) THE WIDTH OF THE TRENCH AT THE TOP OF THE PIPE SHALL PERMIT THE PIPE TO BE LAID AND JOINED PROPERLY AND TO ALLOW THE BACKFILL TO BE PLACED AND COMPACTED IN ACCORDANCE WITH THE TRENCH DETAILS. AS A GUIDE, TRENCH WIDTHS SHOULD BE THE NOMINAL PIPE DIAMETER PLUS 24". WHEN REQUIRED, TRENCHES SHALL BE WIDER TO PERMIT THE PLACEMENT OF SUPPORTS, SHEETING, BRACING, SHORING, ETC., AND OTHER APPURTENANCES AS REQUIRED BY THE SAFETY REQUIREMENTS OF UA AND/OR OSHA.

7.) SAW-CUT/MILL LINE FOR INITIAL REMOVAL OF EXISTING MATERIAL AS REQUIRED FOR UTILITY INSTALLATION.

8.) SAW-CUT AND/OR MILL MINIMUM 12" WIDE BY 1-1/2"THICK PORTION OF EXISTING ASPHALT SURFACE FOLLOWING PLACEMENT OF BINDER LAYER. ACTUAL WIDTH OF SAW-CUT/MILL AREA SHALL BE SUFFICIENT TO PROVIDE MINIMUM OF 12" FROM ANY DAMAGED OR UNEVEN AREAS AS DETERMINED BY OWNER'S REPRESENTATIVE. FINISH EDGE OF MILLING SHALL PROVIDE NEAT, STRAIGHT APPEARANCE FOR FINAL WEARING SURFACE AS DETERMINED BY OWNER'S REPRESENTATIVE. EXISTING ADJACENT PAVEMENT SHALL NOT BE DISTURBED BY SAW-CUTTING/MILLING OPERATIONS.

9.) CONTRACTOR SHALL UTILIZE EITHER SLOPED PLANE OR BENCHED INTERFACE IN AREA OF PROPOSED CRUSHED AGGREGATE BASE COURSE IN ORDER TO PROPERLY TRANSFER LOAD FROM EXISTING AND REQUIRED SURFACES IN AREAS OF PAVEMENT REPAIRS. WHERE SLOPED PLANE SURFACE IS NOT OBTAINABLE BASED UPON MATERIAL CONDITIONS OR AS DIRECTED BY OWNER'S REPRESENTATIVE, A BENCHED SURFACE SHALL BE UTILIZED AS SHOWN ON DETAIL. THE SLOPED PLANE OR BENCHED SURFACE SHALL BE ON A MAXIMUM 45 DEGREE ANGLE AS SHOWN IN THE DETAIL. AREA OUTSIDE OF THE SLOPE PLANE OR BENCH SURFACE SHALL BE UNDISTURBED, WITH ANY AND ALL LOOSE OR UNSUITABLE MATERIAL REMOVED PRIOR TO PLACEMENT OF REQUIRED CRUSHED AGGREGATE BASE COURSE.

10.) POLYMER ADDITIVE SHALL NOT BE REQUIRED ON PAVEMENT REPAIRS REQUIRING LESS THAN 400 TONS ASPHALT MATERIAL. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH OWNER PRIOR TO PERFORMING REPAIR WHEN POLYMER ADDITIVE WILL NOT BE USED.

11.) PRIME COAT MAY BE OMITTED IF BINDER LAYER APPLIED WITHIN 48 HOURS OF ACCEPTED CRUSHED AGGREGATE BASE COURSE BY OWNER'S REPRESENTATIVE (GEOTECHNICAL TESTING LABORATORY).

12.) ALL ASPHALT LAYERS AND JOINTS SHALL BE PROPERLY CLEANED BY ANY AND ALL MEANS NECESSARY PRIOR TO APPLICATION OF TRACKLESS TACK COAT. NO LOOSE MATERIAL, DEBRIS, MOISTURE, ETC., SHALL BE ON SURFACE(S) WHEN TRACKLESS TACK COAT APPLIED BETWEEN LAYERS OR AT JOINT(S).

McGIFFERT AND ASSOCIATES, LLC DWG No.321-12

FILENAME: UA-ChiOmega-details
DRAWN BY: J L C
CHECKED BY: W D M

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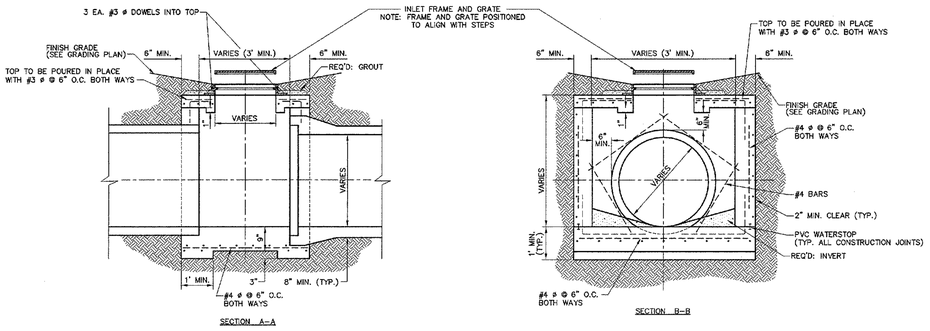
Do Not Scale From Drawings.

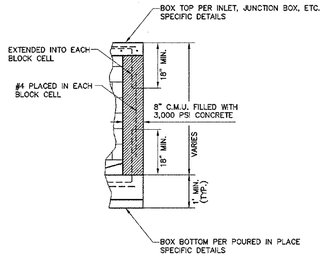
Contractor must verify all dimensions prior to construction.

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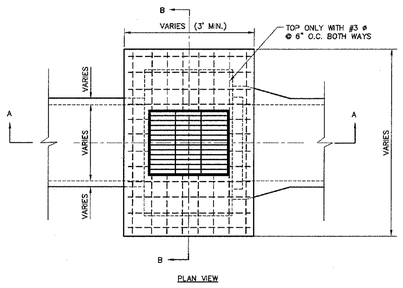
SITE STANDARD DETAILS

SHEET NUMBER C2.03





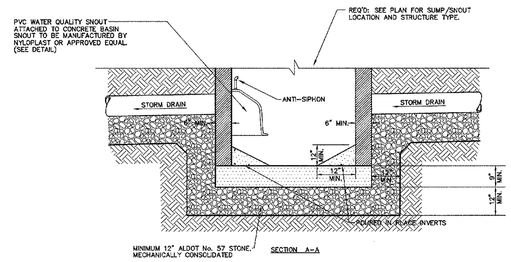
ALTERNATE DETAIL FOR C.M.U. WALL
N.T.S.



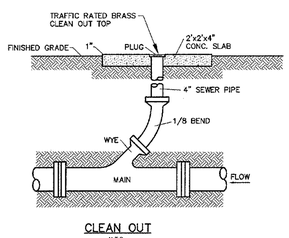
GRATE INLET DETAIL
N.T.S.

NOTES FOR ALL CONCRETE BOXES:

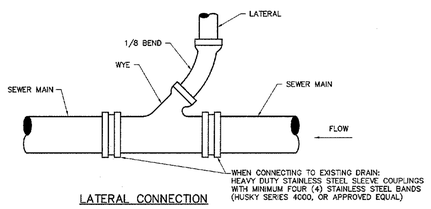
1. USE 3,000 PSI CONCRETE AND DEFORMED REINFORCING STEEL TO CONSTRUCT THIS ITEM.
2. SHAPE BOTTOM TO FLOW LINE OF PIPES.
3. STEPS ARE REQUIRED FOR ALL STRUCTURES OVER 4 FEET IN DEPTH MEASURED FROM TOP OF BOX TO INVERT OUT. STEP SPACING SHALL BE AS PER CITY TUSCALOOSA SPECIFICATIONS.
4. ALL CONCRETE BOXES SHALL INCLUDE FORMED INVERTS AND RING AND COVERS OF THE TYPE SPECIFIED.
5. GROUND LINE SHALL BE SLOPED TOWARD GRATE INLET TOP. GROUND LINE SHALL BE SLOPED AWAY FROM JUNCTION BOX TOP.
6. PRECAST STORM DRAINAGE STRUCTURES SHALL BE IN CONFORMANCE WITH ASTM C-478, LATEST EDITION, WITH 4,000 PSI TYPE I/II CEMENT, RUBBER JOINT GASKETS SHALL CONFORM TO ASTM C-443 LATEST EDITION.



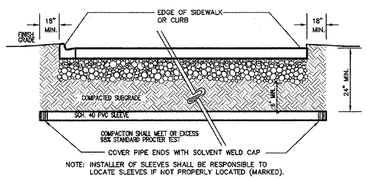
STORM STRUCTURE WITH SNOUT & SUMP DETAIL
N.T.S.



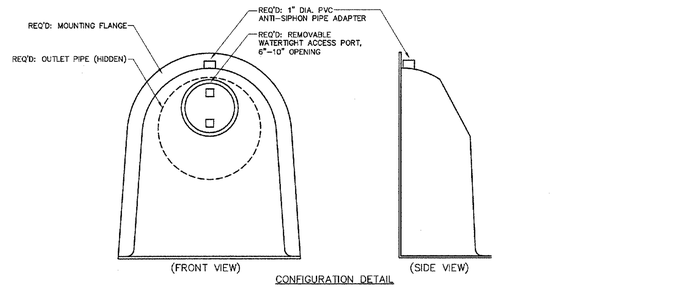
CLEAN OUT
N.T.S.



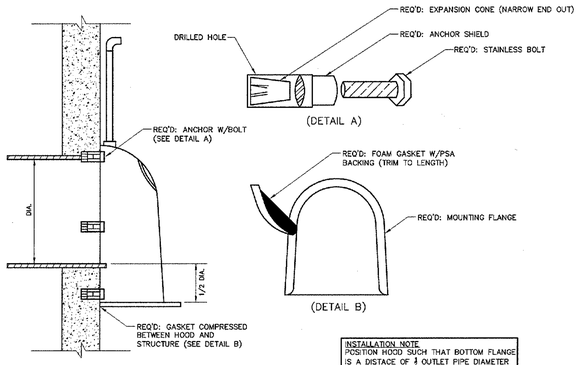
LATERAL CONNECTION
N.T.S.



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



CONFIGURATION DETAIL



INSTALLATION DETAIL

WATER QUALITY SNOUT DETAIL
N.T.S.

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ALABAMA LICENSED ARCHITECT No. 24047 PROFESSIONAL SEAL 10/18/13 REGISTERED LANDSCAPE ARCHITECT

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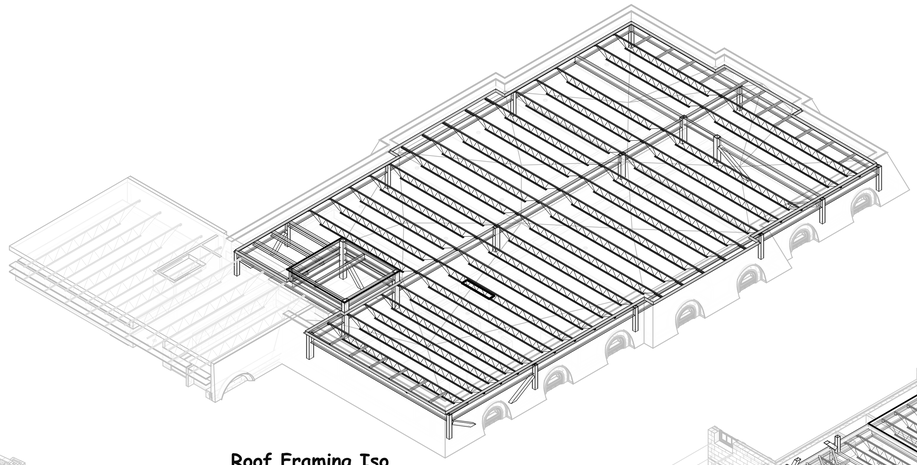
SITE STANDARD DETAILS

SHEET NUMBER C2.04

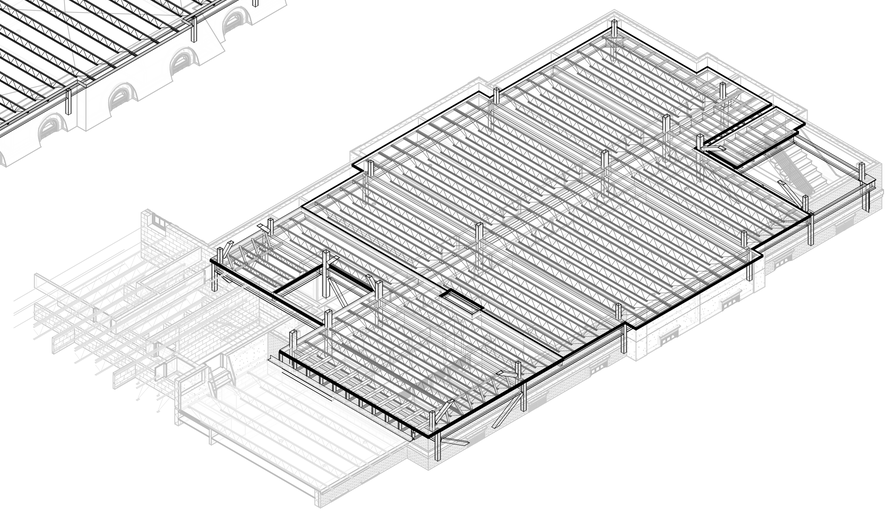
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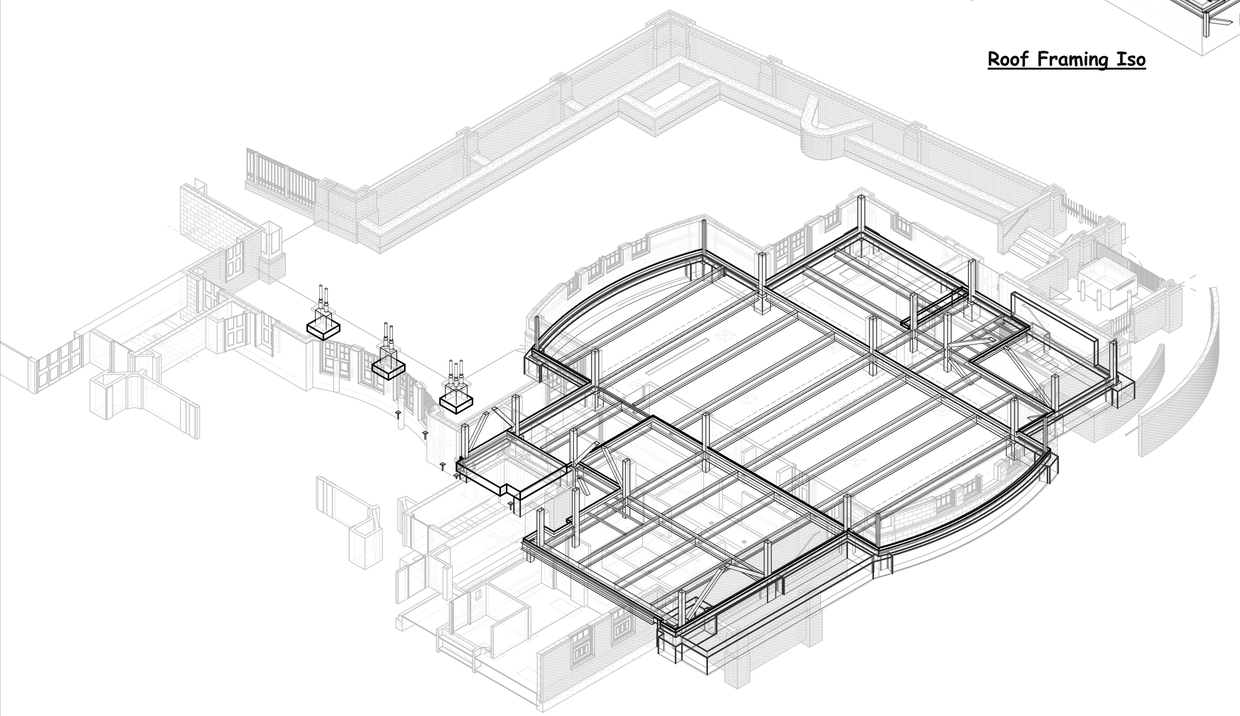
Barnett Jones Wilson Structural Engineers LLC
Pell City, AL 205.884.5334
Tuscaloosa, AL 205.345.9595



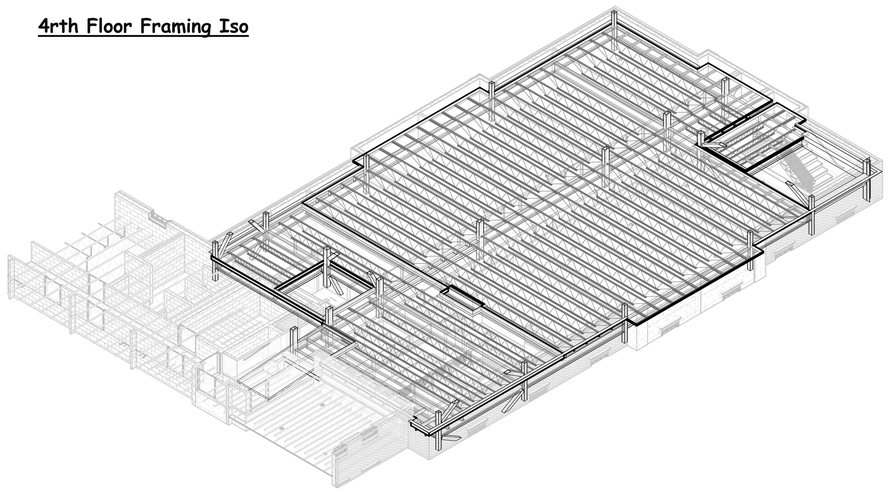
Roof Framing Iso



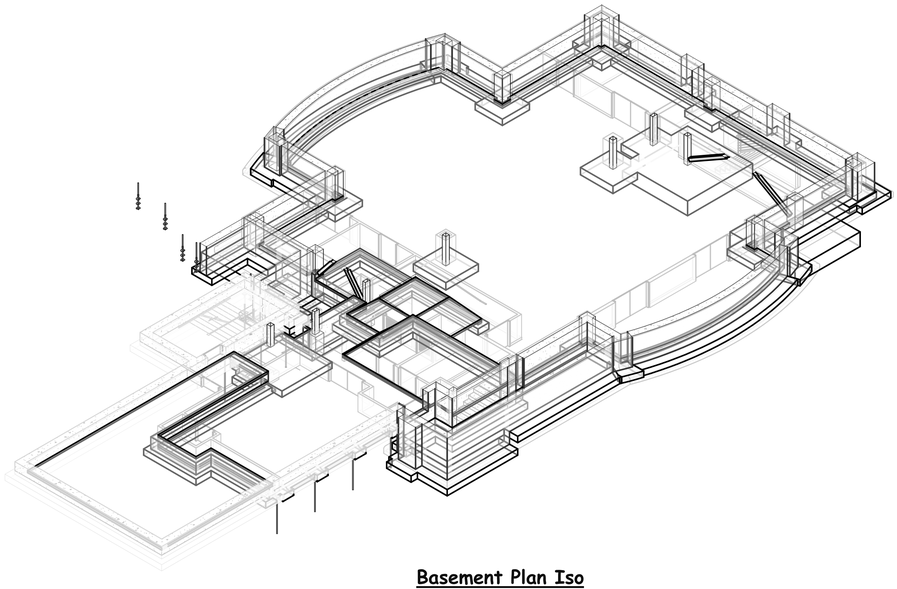
4rth Floor Framing Iso



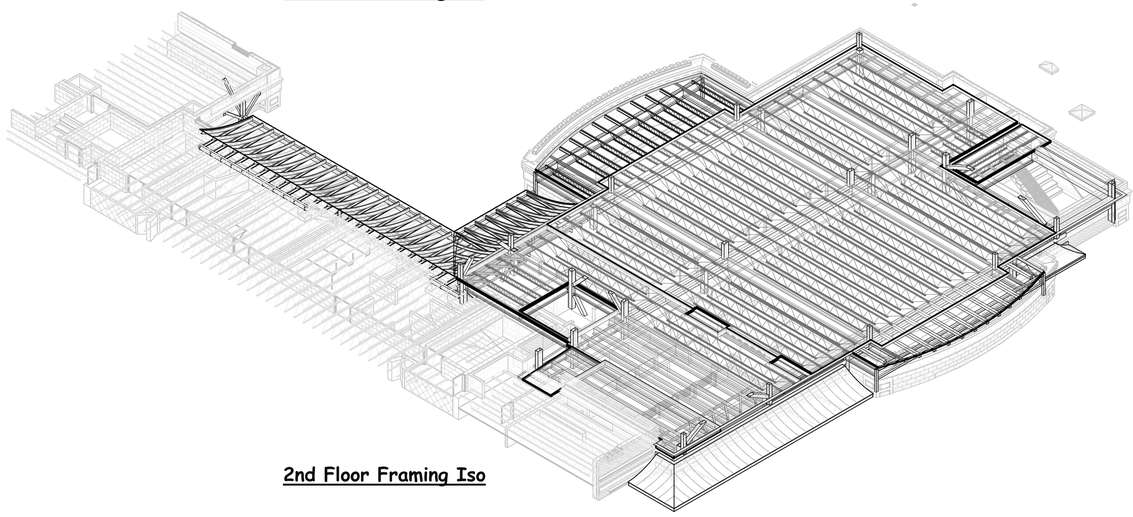
1st Floor Framing Iso



3rd Floor Framing Iso



Basement Plan Iso



2nd Floor Framing Iso

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Chi Omega Sorority

The University of Alabama Campus
UA Project Number 910-12-024
Tuscaloosa, AL

BID DOCUMENTS
1/18/12

ALABAMA LICENSED No. 29565 PROFESSIONAL ENGINEER DANIEL J. DEAL
1/18/12

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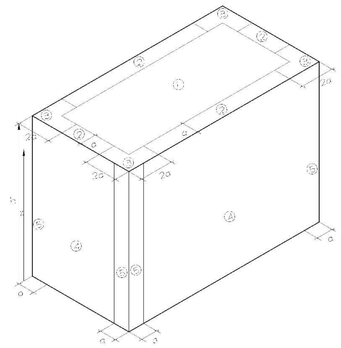
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DATE:	REV DATE:
1/18/12	-
DRAWN BY:	DJD

Isometric Views

SHEET NUMBER S0.0

1/17/2013 2:05:29 PM



Effective				Roof				Walls		
Area	Case 1A	Case 1B	Case 2A	Case 2B	Case 3A	Case 3B	Case 4A	Case 4B	Case 5A	Case 5B
10	10.0	-18.2	10.0	-30.5	10.0	-45.9	18.2	-19.7	18.2	-24.3
20	10.0	-17.7	10.0	-27.3	10.0	-38.0	17.4	-18.9	17.4	-22.6
50	10.0	-17.1	10.0	-23.0	10.0	-27.6	16.3	-17.9	16.3	-20.5
100	10.0	-16.6	10.0	-19.7	10.0	-19.7	15.4	-16.9	15.4	-18.9
200	10.0	-16.6	10.0	-19.7	10.0	-19.7	14.8	-15.9	14.8	-17.4
500	10.0	-16.6	10.0	-19.7	10.0	-19.7	13.6	-15.1	13.6	-15.1

SCHEDULE OF SPECIAL INSPECTIONS

Item	Inspection/Test/Certification	C or P	Extent/Comments	Agent
1000.00	General Conditions			
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.	
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.	
1400.00	Fabricators			
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	Periodic		
1400.02	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, lightgage truss fabricator, wood truss fabricator. Fabricators having successfully completed no fewer than 5 similar projects may also submit for approval with documentation of similar projects.	Periodic		
2300.00	Soils and Deep Foundations			
2300.01	Verify bearing capacities of soils beneath footings.	Periodic	As recommended in approved soils report and specified in earthwork specifications.	
2300.03	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.	
3300.00	Concrete Construction			
3300.03	Slabs on grade are excepted from the inspections listed below			
3300.04	Concrete foundation walls are accepted from the inspections listed below.			
3300.05	Concrete cast on non-composite form deck is accepted from the inspections listed below.			
3300.06	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.	
3300.07	Inspect reinforcing steel except as noted above 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.	
3300.15	Verify each proposed concrete mix for the project.	Periodic	For each proposed mix	
3300.16	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.	
3300.17	Inspect concrete placement except as noted above.	Continuous		
3300.18	Inspect all concrete curing operations as noted in the extents column.	Periodic	Monitor during hot, cold and windy conditions. Reference concrete specifications.	
3300.19	Observe application of prestressing forces. Measure tendon elongations.	Continuous	During tensioning of all cables.	
3300.20	Observe grouting of bonded prestressing tendons in seismic-force-resisting system.	Continuous	During grouting of cables.	
3300.21	Erection of precast concrete members.	Periodic	Inspect all connections.	
3300.24	Verification of in-situ concrete strength prior to backfilling walls.	Periodic	Prior to backfilling operations.	
5120.00	Steel Construction			
5120.04	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).	Applicable ASTM material specifications; AISC 335, Section A3.4; AISC LRFD, Section A3.3
5120.05	Inspect high-strength bolting: Bearing-type connections.	Periodic		AISC LRFD Section M2.5
5120.06	Inspect high-strength bolting: Slip-critical connections.	Periodic or Continuous	Continuous monitoring	AISC LRFD Section M2.5
5120.07	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.	ASTM A 6 or ASTM A 568
5120.08	Inspect and verify weld filler materials: a. Identification markings to conform to AWS specification in the approved construction documents. b. Manufacturer's certificate of compliance required.	Periodic	Confirm that materials meet applicable ASTM specifications noted in construction documents.	AISC, ASD, Section A3.6; AISC LRFD, Section A3.5
5120.09	"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	AWS D1.1
5120.10	"Inspect welding: Structural Steel: 1) Single-pass fillet welds ≤ 5/16 " 2) Floor and deck welds. "	Periodic	Per specifications and AWS D1.1	
5120.12	"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.	
5301.03	Verify deck support angles are provided for all opening greater than 100 square inches.	Periodic		1
5310.00	Metal Deck			
5310.01	Verify depth and gauge of all deck elements	Periodic		1
5310.02	Verify adequate bearing of ends of decking	Periodic		1
8000.00	Special Inspections for Wind Resistance			
8000.04	Vertical Windforce-Resisting Systems, including Braced Frames	Periodic		

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 without 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 shown 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. Furnish design calculations sealed by a Professional Engineer licensed in the State of Alabama for all shoring
7. Intersections of new and old construction illustrate interpretations of drawings on several different and separate additions and remodeling projects. Before starting any construction verify all existing conditions.
8. Drawings on the existing building are available for review at the office of the Architect on request.
9. Site visits by Engineer of Record are not considered inspections or special inspections, rather are observations for general compliance with contract documents.
10. Electronic Submittals of Shop Drawings are Preferred.

DESIGN LOADS

1. Reference code for loading SEI/ASCE7 7-08.
   - a. Building Classification II
   - b. Wind Load
     1) Basic Wind Speed (3 sec gust) 90 mph
     2) Importance Factor 1.0
     3) Wind Exposure B
     4) Internal Pressure Coefficient +/- 0.18
     5) Velocity Pressure (qz) 17.62 psf
     6) Components & Cladding Pressures see table and diagram
   - c. Roof Snow Load
     1) Flat Roof Snow Load (Pf) 5 psf
     2) Snow Exposure (Ce) 1.0
     3) Importance Factor 1.0
     4) Thermal Factor (Ct) 1.0
   - d. Seismic Load
     1) Importance Factor 1.0
     2) Mapped Spectral Response Accelerations
        a) Ss 0.267
        b) S1 0..093
     3) Site Class D
     4) Spectral Response Coefficients
        c) Sds 0.282
        d) Sd1 0..149
     5) Seismic Design Category C
     6) Base Seismic-Force-Resisting System(s) and Response Modification Factor
        e) Steel Systems Not Specifically Detailed For Seismic 3
     7) Design Base Shear 101 kips
     8) Seismic Response Coefficient (Cs) 0.05
     9) Analysis Procedure = Equivalent Lateral Force
   - e. Live Load
     1) Roof Load 20 psf
     2) Slabs on grade 100 psf
     3) Recreational areas
        Dining rooms 100 psf
     4) Multi-family housing
        Private Rooms & Corridors Serving Them 40 psf
        Public Rooms & Corridors Serving Them 100 psf

FOUNDATIONS

1. Foundation design for this project was based on soils information provided by TTL, Inc.
2. Bearing value of soil: 2500 psf
3. All footings are to bear on undisturbed soil.
4. All footings are to bear on engineered fill.
5. Provide 8'-0" long top steel reinforcing, same size as bottom steel, at transitions between engineered fill and undisturbed soil locations.
6. Install corner bars at all footing intersections and corners (Provide lap length e.w.)
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.

HELICAL ANCHORS

1. Piling load capacity required by design is 25 kips compression and 10 kips tension.
2. Base estimate on anchor length of 20'.
3. Final elevations of all piling are to be determined in the field, by the Geotechnical Engineer.

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. Use truss type joint reinforcement (Dur-O-Wall SW DA3100 or better) at 16" o/c. in all masonry walls.
3. Provide joint reinforcement at 8" o/c. for all walls constructed with stack bond.
4. Use Type "M" or Type "S" mortar in accordance with IBC Table 2103.7(1).
5. Minimum compressive strength of concrete masonry f'm = 1500 psi. Submit for review test data on strength of units before starting any masonry work.
6. Minimum compressive strength of grout f'c = 2000 psi. Use 3/8" max size aggregate. See Special Inspection Schedule for any testing requirements.
7. Use "Fine" grout for all reinforced piers and reinforced wall in accordance with ASTM C 476.
8. Fill cells under all lintels with grout.
9. Provide lintels over all openings through wall. See lintel details for reinforcement.
10. Unless otherwise noted provide control joints in all walls 4'-0" from wall intersections or corners and at 20'-0" o.c.
11. Anchor bolts into grouted cell locations only, unless noted otherwise.

EPOXY AND MECHANICAL ANCHORS

1. All anchors shall be installed per manufacturer's instructions.
2. Contractor must get pre-approval from engineer-of-record before using post-installed epoxy or mechanical anchors not detailed in these drawings.
3. All epoxy to be RedHead EPCON C6 Fast Curing Epoxy or approved equal
4. All mechanical anchors to be Simpson TITEN HD Screw Anchors or approved equal.

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. Concrete Properties: See Schedule.
   - a. All concrete must obtain 7 day strength of 70% of design strength.
   - b. Concrete mixes may use up to 25% of cementious weight as fly ash.
   - c. Concrete mixes may use water reducers, accelerators or retarders with prior approval.
4. All steel reinforcement shall be of deformed bars of billet steel conforming to ASTM A615, Grade 60 in all concrete.
5. 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.
6. Provide (2) #4 bars x 4'-0" at re-entrant corner locations Typical. Locate 3" away from corner and space 1'-0" apart.
7. 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 W1.4 x W1.4 WWF placed 1" from top of slab. Unless otherwise noted slabs shall have joints placed a 12'-0" on centers. Joints may be control joints or construction joints. See Architectural Plans for floor slopes and recesses for hard tile.
8. Minimum concrete cover for reinforcement:
   - a) Columns 1 1/2" outside of ties
   - b) Footings 3"
   - c) Slabs 3"
   - d) Cast-In-Place Walls
     Surfaces exposed to weather or soil 2" - #6 and greater, 1-1/2" - #5 and smaller
     Other surfaces 3/4"
9. Provide corner bars at all wall and footing intersections.
10. Contractor shall include an allowance of 1 ton of reinforcing steel in place in addition to the steel shown on the contract documents in the base bid. This steel is to be placed at no additional cost to the Owner in sizes and at locations as directed by the Architect or Engineer. Unused steel will be credited to the Owner.
11. Do not run conduit or pipe in slabs or beams unless noted on the plans or specific prior approval from the engineer.
12. When joints in beams, slabs, and joists shall be located in the center one-third of the span. All construction joints must be keyed. Contractor shall submit location of proposed construction joints 3 days prior to pouring concrete.
13. Provide a continuous water bar at all wall construction joints below ground level.
14. Use 3/4" chamfer for all exposed corners unless noted.
15. Mechanical openings through the floor have been shown on the Structural drawings. See Mechanical plans for size and location of openings. Reinforcing at opening will be coordinated at time of placement.

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. If loads not shown, design for minium 10 kips.
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. Headed Studs shall be Type B Shear Connectors.
8. Shop and field connections shall be welded with E-70XX electrodes or bolted with 3/4" dia. A-325N or A-325F bolts, unless noted.
9. Use 3/4" cap and bearing plates, unless noted.
10. Use 3/4" dia x 1'-0" long ASTM 1554 Grade 36 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.
11. Provide L 3"x3"x1/4" frames around all roof opening through metal decking.
12. Provide design calculations for connections other than standard frame or seat connections.
13. All steel exposed to weather shall be hot dipped galvanized per ASTM A123.
14. All steel exposed to earth shall receive bitumen coating.
15. Contractor shall include an allowance of 2.5 tons of structural steel in place in addition to the steel shown on the contract documents in the base bid. This steel is to be placed at no additional cost to the Owner in sizes and at locations as directed by the Architect or Engineer. Unused steel will be credited to the Owner.
16. Contractor shall include an allowance of 100 lineal feet of L 3"x3"x1/4" angle in place in addition to the steel shown on the contract documents in the base bid.
17. Stairs, handrails, guardrails and other miscellaneous steel items not specifically detailed on these drawings are the responsibility of the contractor. Contractor must furnish design calculations sealed by a Professional Engineer

STEEL JOIST

1. All steel joists shall conform to the standard specifications for the joist noted, as adopted by the Steel Joist Institute.
2. Unless otherwise noted design all joist for an uplift load of 10psf.
3. Refer to Components & Cladding Table and Diagram for roof uplift zones and pressures.
4. Refer to roof framing plan for uplift loading areas and diagrams.
5. Joist supplier has the option of combining joist sizes to a larger section.
6. Extend bottom chord of joist to plate welded to the column at each column, do not attach.
7. K Series joists shall be welded to bearing plates or steel members with two 1/8" fillet welds 1" long.
8. All joist bearing plates are to be set 1/4" above the top of concrete masonry units.
9. Design cantilever ends of joist and joist outriggers for a uniform load of 50 psf and concentrated load on the end of section of 400 plf (unless otherwise noted).
10. Joist girder bottom chord struts shall not be welded to the column until all dead load is in place.
11. Weights of mechanical units are not included in the joist loading designation shown. Design joist for loading shown plus the weight of mechanical shown. General contractor is to verify all weights of mechanical units with Mechanical Subcontractor before submitting shop drawings.
12. Provide double joist under all mechanical units unless otherwise noted.
13. Provide double joist under all athletic equipment unless otherwise noted.

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 G60 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 on structural drawings.
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/600.
10. Use a minimum of 18 gage for studs used with brick anchors.
11. Limit deflection of all studs not supporting brick to H/360.
12. Unless otherwise indicated all steel stud information should be considered to be schematic. Final design is to be provided by the stud supplier. Provide shop drawings and design calculations sealed by a Professional Engineer licensed in the State of the project for all 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.

Barnett Jones Wilson Structural Engineers LLC
Pell City, AL 205.884.5334
Tuscaloosa, AL 205.345.9595

EllisArchitects
601 Helen Keller Boulevard, Suite 300
Tuscaloosa, Alabama 35404
205.752.4405
www.ellisarchitects.com

Chi Omega Sorority

The University of Alabama Campus
UA Project Number 910-12-024
Tuscaloosa, AL

BID DOCUMENTS
1/18/12

ALABAMA LICENSED No. 29567 PROFESSIONAL ENGINEER DANIEL J. DEAL
1/18/12

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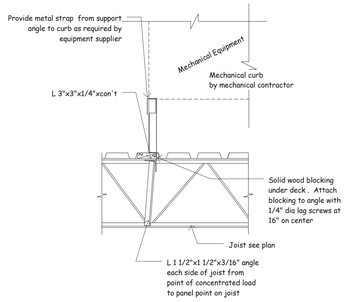
Do Not Scale From Drawings.

Contractor must verify all dimensions prior to construction.

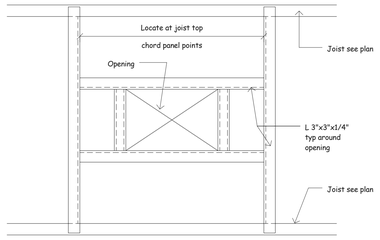
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1/18/12	-
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General Notes & Special Inspections

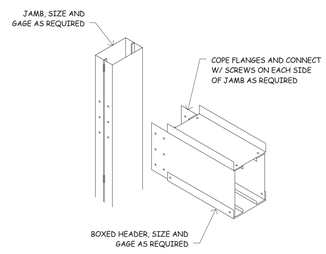
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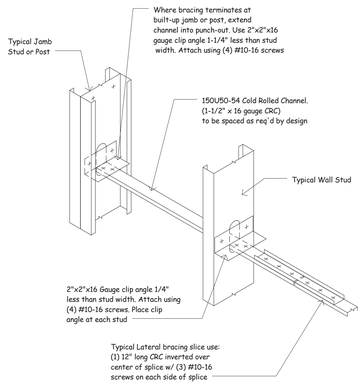
Typical Mechanical Equipment Support Details



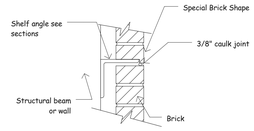
Typical Frame at Roof Deck Opening



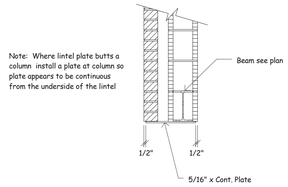
Typical Header Connection



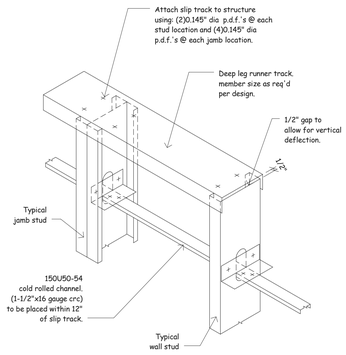
Typical Rigid Lateral Blocking



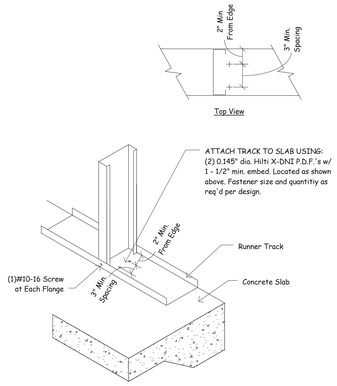
Brick Shelf Angle Detail



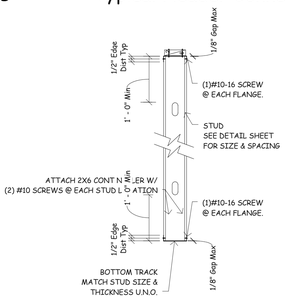
Typical Steel Beam Lintel Detail



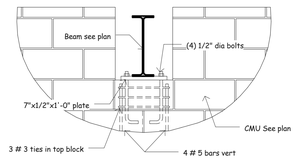
Typical Slip Track Connection



Typical Stud to Slab Connection

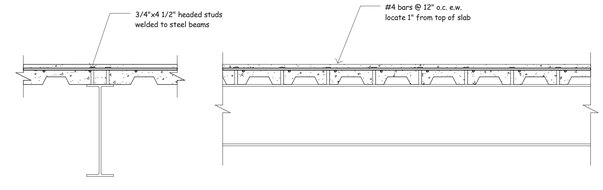


Typical Stud to Track Connection



Notes:
1. Conditions are typical unless otherwise noted.
2. Refer to plan for special bearing lengths, plates and bolts.
3. Bearing lengths do not include brick dimensions
4. Fill cells with reinforcing steel with grout from top of footing to beam bearing unless noted.

Typical Steel Beam Bearing Perpendicular to Wall

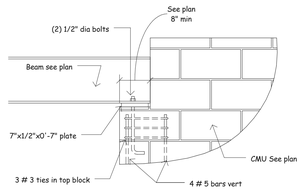


Typical Girder

Typical Beam

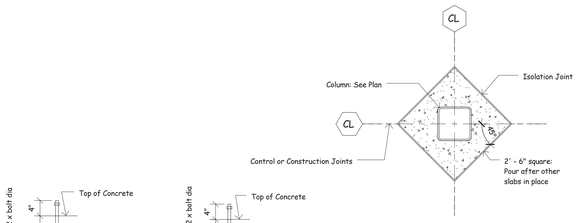
Notes: Floor construction shall consist of 3 1/4" of 110 lbs/cubit foot concrete on 2"x 16 gage metal deck (total thickness 5 1/4"). Number of headed studs are noted thus (30) on the framing plans. If only one number is shown the studs are equally spaced over the length of the beam. If more than one number is show the studs are spaced between beam connections. Beams noted this [3/4"] are to be cambered to the value shown in the brackets.

Typical Composite Steel Deck to Beam and Girder Detail

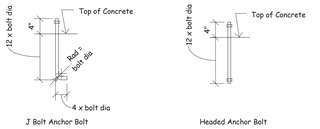


Notes:
1. Conditions are typical unless otherwise noted.
2. Refer to plan for special bearing lengths, plates and bolts.
3. Bearing lengths do not include brick dimensions
4. Fill cells with reinforcing steel with grout from top of footing to beam bearing unless noted.

Typical Steel Beam Bearing Parallel to Wall



Interior Detail

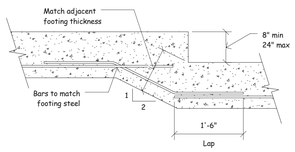


Typical Anchor Bolt Detail

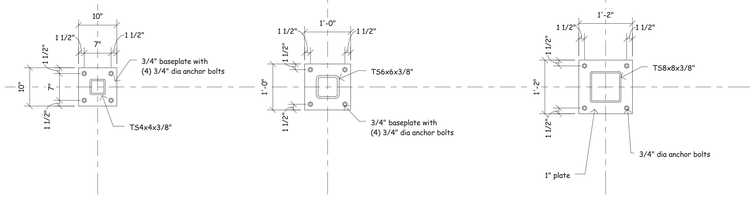
Notes:
Use "J" Bolt Anchor Detail for all columns supporting floors.
Use Headed Anchor Bolt for all columns supporting only roof members.
Headed Anchor bolts may be used for all connections.
As an alternate contractor may use epoxy anchor bolts or Simpson Titen HD anchors.



Typical Epoxy Anchor Detail

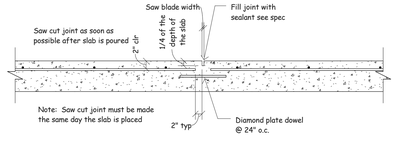


Single Footing Step

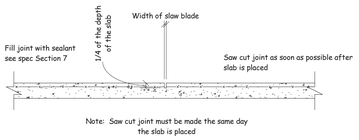


Typical Base Plates

Epoxy anchors may be substituted for anchor bolts with prior approval of epoxy anchors.



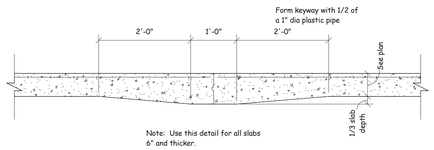
Typical Control Joint



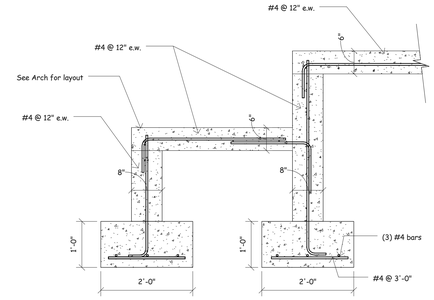
Typical Control Joint



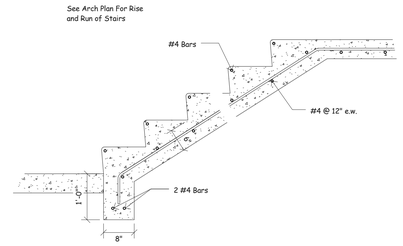
Typical Construction Joint



Typical Construction Joint



Typical Ramp



Stairs On Grade

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UA Project Number 910-12-024
Tuscaloosa, AL

BID DOCUMENTS
1/18/12

ALABAMA LICENSED No. 25565 PROFESSIONAL ENGINEER DANIEL J. DEAL
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Do Not Scale From Drawings.

Contractor must verify all dimensions prior to construction.

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DATE:	REV DATE:
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DRAWN BY:	DJD

Typical Details

SHEET NUMBER S0.2

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Estimated Structural Wall Schedule

Wall Type	Width	Area
8" Concrete Retaining Wall w/ #5 bars @ 12" o.c. e.w.	8"	40 SF
		40 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	2 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	7 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	3 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	1 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	23 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	9 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	25 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	5 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	90 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	10 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	5 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	14 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	3 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	20 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	7 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	6 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	9 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	19 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	63 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	14 SF
8" Concrete Wall w/ #4 bars @ 12" o.c. e.w.	8"	74 SF
		410 SF
12" Concrete Retaining Wall w/ #5 bars @ 12" o.c. e.w. e.f.	1' - 0"	75 SF
12" Concrete Retaining Wall w/ #5 bars @ 12" o.c. e.w. e.f.	1' - 0"	242 SF
12" Concrete Retaining Wall w/ #5 bars @ 12" o.c. e.w. e.f.	1' - 0"	151 SF
12" Concrete Retaining Wall w/ #5 bars @ 12" o.c. e.w. e.f.	1' - 0"	67 SF
		535 SF
14" Concrete Retaining Wall w/ #6 bars @ 12" o.c. i.f. w/ #4 bars @ 12" o.c. o.f.	1' - 2"	6 SF
14" Concrete Retaining Wall w/ #6 bars @ 12" o.c. i.f. w/ #4 bars @ 12" o.c. o.f.	1' - 2"	24 SF
14" Concrete Retaining Wall w/ #6 bars @ 12" o.c. i.f. w/ #4 bars @ 12" o.c. o.f.	1' - 2"	34 SF
14" Concrete Retaining Wall w/ #6 bars @ 12" o.c. i.f. w/ #4 bars @ 12" o.c. o.f.	1' - 2"	21 SF

Estimated Structural Wall Schedule

Wall Type	Width	Area
14" Concrete Retaining Wall w/ #6 bars @ 12" o.c. i.f. w/ #4 bars @ 12" o.c. o.f.	1' - 2"	30 SF
14" Concrete Retaining Wall w/ #6 bars @ 12" o.c. i.f. w/ #4 bars @ 12" o.c. o.f.	1' - 2"	77 SF
14" Concrete Retaining Wall w/ #6 bars @ 12" o.c. i.f. w/ #4 bars @ 12" o.c. o.f.	1' - 2"	199 SF
14" Concrete Retaining Wall w/ #6 bars @ 12" o.c. i.f. w/ #4 bars @ 12" o.c. o.f.	1' - 2"	285 SF
14" Concrete Retaining Wall w/ #6 bars @ 12" o.c. i.f. w/ #4 bars @ 12" o.c. o.f.	1' - 2"	821 SF
14" Concrete Retaining Wall w/ #6 bars @ 12" o.c. i.f. w/ #4 bars @ 12" o.c. o.f.	1' - 2"	344 SF
14" Concrete Retaining Wall w/ #6 bars @ 12" o.c. i.f. w/ #4 bars @ 12" o.c. o.f.	1' - 2"	214 SF
14" Concrete Retaining Wall w/ #6 bars @ 12" o.c. i.f. w/ #4 bars @ 12" o.c. o.f.	1' - 2"	158 SF
14" Concrete Retaining Wall w/ #6 bars @ 12" o.c. i.f. w/ #4 bars @ 12" o.c. o.f.	1' - 2"	66 SF
14" Concrete Retaining Wall w/ #6 bars @ 12" o.c. i.f. w/ #4 bars @ 12" o.c. o.f.	1' - 2"	114 SF
14" Concrete Retaining Wall w/ #6 bars @ 12" o.c. i.f. w/ #4 bars @ 12" o.c. o.f.	1' - 2"	114 SF
14" Concrete Retaining Wall w/ #6 bars @ 12" o.c. i.f. w/ #4 bars @ 12" o.c. o.f.	1' - 2"	73 SF
14" Concrete Retaining Wall w/ #6 bars @ 12" o.c. i.f. w/ #4 bars @ 12" o.c. o.f.	1' - 2"	18 SF
14" Concrete Retaining Wall w/ #6 bars @ 12" o.c. i.f. w/ #4 bars @ 12" o.c. o.f.	1' - 2"	185 SF
14" Concrete Retaining Wall w/ #6 bars @ 12" o.c. i.f. w/ #4 bars @ 12" o.c. o.f.	1' - 2"	143 SF
		2926 SF
16" Concrete Retaining Wall w/ #6 bars @ 12" o.c. if. w/ #6 bars @ 12" o.c. o.f.	1' - 4"	30 SF
		30 SF
18" Concrete Retaining Wall #6 bars @ 12" o.c. e.w. e.f.	1' - 6"	18 SF
18" Concrete Retaining Wall #6 bars @ 12" o.c. e.w. e.f.	1' - 6"	18 SF
18" Concrete Retaining Wall #6 bars @ 12" o.c. e.w. e.f.	1' - 6"	18 SF
18" Concrete Retaining Wall #6 bars @ 12" o.c. e.w. e.f.	1' - 6"	38 SF
18" Concrete Retaining Wall #6 bars @ 12" o.c. e.w. e.f.	1' - 6"	38 SF
18" Concrete Retaining Wall #6 bars @ 12" o.c. e.w. e.f.	1' - 6"	35 SF
		165 SF
20" Concrete Retaining Wall See Schedule	1' - 8"	17 SF
		17 SF
26" Concrete Retaining Wall w/ (3) layers #4 bars @ 12" o.c. e.w.e.f.	2' - 2"	12 SF
26" Concrete Retaining Wall w/ (3) layers #4 bars @ 12" o.c. e.w.e.f.	2' - 2"	12 SF
26" Concrete Retaining Wall w/ (3) layers #4 bars @ 12" o.c. e.w.e.f.	2' - 2"	78 SF
26" Concrete Retaining Wall w/ (3) layers #4 bars @ 12" o.c. e.w.e.f.	2' - 2"	45 SF
26" Concrete Retaining Wall w/ (3) layers #4 bars @ 12" o.c. e.w.e.f.	2' - 2"	78 SF
		226 SF

Estimated Floor & Roof Schedule

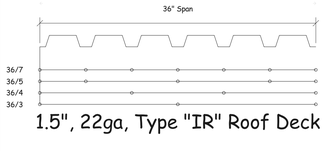
Level	Slab Type	Thickness	Area	Volume
New - Bsmt 2	4" slab on grade w/ 6x6 W1.4xW1.4 wwf	4"	42 SF	1 CY
New - Bsmt 2	4" slab on grade w/ 6x6 W1.4xW1.4 wwf	4"	3533 SF	44 CY
New - Bsmt 2	12" slab on grade w/ #4 bars @ 12" o.c. e.w. e.f.	1' - 0"	94 SF	3 CY
New - Bsmt 2	4" slab on grade w/ 6x6 W1.4xW1.4 wwf	4"	39 SF	0 CY
New - Bsmt 2	4" slab on grade w/ 6x6 W1.4xW1.4 wwf	4"	36 SF	0 CY
New - Bsmt 1	4" slab on grade w/ 6x6 W1.4xW1.4 wwf	4"	676 SF	8 CY
New - Bsmt 1	4" slab on grade w/ 6x6 W1.4xW1.4 wwf	4"	247 SF	3 CY
Exst - Bsmt	4" slab on grade w/ 6x6 W1.4xW1.4 wwf	4"	600 SF	7 CY
1st Flr	3 1/4" Light Weight Concrete on 2"x16ga metal deck (5 1/4" total thickness) w/ #4 bars @ 12" o.c. e.w.	5 1/4"	2285 SF	37 CY
1st Flr	3 1/4" Light Weight Concrete on 2"x16ga metal deck (5 1/4" total thickness) w/ #4 bars @ 12" o.c. e.w.	5 1/4"	683 SF	11 CY
1st Flr	16" slab on grade w/ #4 bars @ 12" o.c. e.w. e.f.	1' - 4"	105 SF	5 CY
1st Flr	3 1/4" Light Weight Concrete on 2"x16ga metal deck (5 1/4" total thickness) w/ #4 bars @ 12" o.c. e.w.	5 1/4"	996 SF	16 CY
New - 2nd Flr	2 1/2" Concrete on 9/16"x28ga metal deck (3" total thickness) w/ 4x4 W1.4xW1.4 wwf	3"	2642 SF	24 CY
New - 2nd Flr	7 1/4" Concrete on 2"x18ga metal deck (3" total thickness) w/ #4 @ 12" o.c. e.w.	7 1/4"	162 SF	4 CY
New - 2nd Flr	1.5B22Metal Deck	1 1/2"	313 SF	1 CY
New - 2nd Flr	1.5B22Metal Deck	1 1/2"	160 SF	1 CY
New - 2nd Flr	2 1/2" Concrete on 9/16"x28ga metal deck (3" total thickness) w/ 4x4 W1.4xW1.4 wwf	3"	47 SF	0 CY
New - 2nd Flr	2 1/2" Concrete on 9/16"x28ga metal deck (3" total thickness) w/ 4x4 W1.4xW1.4 wwf	3"	699 SF	6 CY
New - 2nd Flr	2 1/2" Concrete on 9/16"x28ga metal deck (3" total thickness) w/ 4x4 W1.4xW1.4 wwf	3"	69 SF	1 CY
New - 3rd Flr	2 1/2" Concrete on 9/16"x28ga metal deck (3" total thickness) w/ 4x4 W1.4xW1.4 wwf	3"	2645 SF	24 CY
New - 3rd Flr	4" Concrete on 2"x18ga metal deck (6" total thickness) w/ 6x6 W2.9xW2.9 wwf	6"	869 SF	16 CY
New - 3rd Flr	2 1/2" Concrete on 9/16"x28ga metal deck (3" total thickness) w/ 4x4 W1.4xW1.4 wwf	3"	103 SF	1 CY
Exst/New - 4th Flr	2 1/2" Concrete on 9/16"x28ga metal deck (3" total thickness) w/ 4x4 W1.4xW1.4 wwf	3"	2645 SF	24 CY
Exst/New - 4th Flr	2 1/2" Concrete on 9/16"x28ga metal deck (3" total thickness) w/ 4x4 W1.4xW1.4 wwf	3"	937 SF	9 CY
Exst/New - 4th Flr	2 1/2" Concrete on 9/16"x28ga metal deck (3" total thickness) w/ 4x4 W1.4xW1.4 wwf	3"	79 SF	1 CY
New - Roof T.O.S.	1.5B22Metal Deck	1 1/2"	3448 SF	16 CY
High Roof T.O.S.	3N22Metal Deck	3"	109 SF	1 CY
				267 CY

Structural Column Foundation Schedule

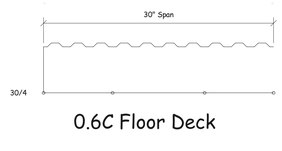
Mark	Width	Length	Thickness	Reinforcing	Estimated Number Required
F36	3' - 0"	3' - 0"	1' - 0"	(4) #4 bars e.w.	3
F60	5' - 0"	5' - 0"	1' - 0"	(5) #5 bars e.w.	7
F72	6' - 0"	6' - 0"	1' - 2"	(7) #5 bars e.w.	3
F120	10' - 0"	10' - 0"	2' - 0"	(9) #7 bars e.w.	1
F144	12' - 0"	12' - 0"	2' - 4"	(10) #8 bars e.w. e.f.	2

Metal Deck Attachment Schedule

Area	Deck	Support Fastener/Pattern	Sidelap Fastener/Pattern
Steel Joist Roof	1.5B x 22ga	#12 TEK screws 36/4	3 - #10 TEK screws
Floor	0.6C x 24ga	weld washer 30/4	1 - #10 TEK screws



1.5", 22ga, Type "IR" Roof Deck



0.6C Floor Deck

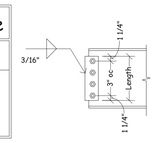
Brick Lintel Sc

Span	Lintel Size
<= 4'-0"	L 3 1/2"x 3 1/2"x 5/16"
<= 6'-0"	L 4"x3 1/2"x5/16"
<= 8'-0"	L 5"x3 1/2"x5/16"
<= 10'-0"	L 6"x3 1/2"x5/16"
<= 12'-0"	L 7"x4"x3/8"
<= 14'-0"	L 8"x4"x7/16"

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Shear Plate Connection Schedule

Length	# of bolts	End reaction	Min plate thickness
6"	2	8.2k	1/4"
9"	3	16.3k	1/4"
12"	4	26.1k	1/4"
15"	5	36.3k	1/4"
18"	6	46.3k	1/4"
21"	7	56.4k	1/4"



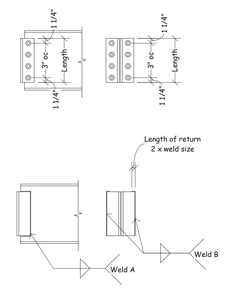
Frame Connection Schedule

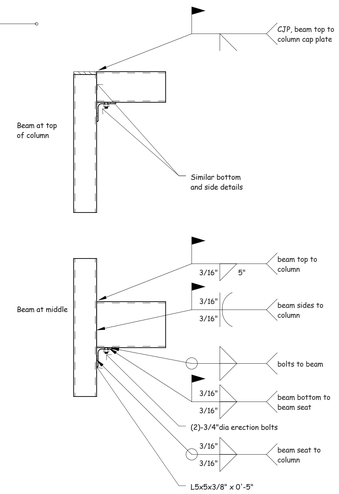
Length	# of bolts	End reaction	Min angle thickness
5-1/2"	2	37.1k	5/16"
8-1/2"	3	55.3k	5/16"
11-1/2"	4	72.7k	5/16"
14-1/2"	5	88.7k	5/16"
17-1/2"	6	104.0k	5/16"

Length	Size of Weld A	End reaction	Min angle thickness
5-1/2"	3/16"	37.1k	5/16"
8-1/2"	3/16"	55.3k	5/16"
11-1/2"	3/16"	72.7k	5/16"
14-1/2"	3/16"	88.7k	5/16"
17-1/2"	3/16"	104.0k	5/16"

Length	Size of Weld B	End reaction	Min angle thickness
5-1/2"	1/4"	14.6k	5/16"
8-1/2"	1/4"	32.2k	5/16"
11-1/2"	1/4"	53.4k	5/16"
14-1/2"	1/4"	76.6k	5/16"
17-1/2"	1/4"	101.0k	5/16"

Depth of beam	Min length of angle
W12	5-1/2"
W14	5-1/2"
W16	5-1/2"
W18	8-1/2"
W21	8-1/2"
W24	11-1/2"
W27	11-1/2"
W30	14-1/2"
W33	14-1/2"
W36	17-1/2"

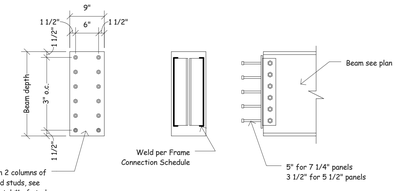




Beam Embed Plate Schedule

Beam	# of studs
W10	4
W12	6
W14	6
W16	8
W18	10
W21	12
W24	14
W27	16
W30	18

NOTE: Maximum Load 30 Kips. Above 30 kips provide beam pocket in wall
Provide Minimum 6" bearing length



CONCRETE SCHEDULE

Concrete Use	Design Strength	Max W/C Ratio	Slump Limits	Entrained Air Range	Weight	Notes
Basement Walls	4000 psi	n/a	6" to 8"	3% to 5%	150 pcf	Use HRWR
Columns	4000 psi	n/a	6" to 8"	3% to 5%	150 pcf	Use HRWR
Footings	3000 psi	n/a	3" to 5"	3% to 5%	150 pcf	-
Slabs on Composite Metal Deck	4000 psi	n/a	6" to 8"	3% to 5%	115 pcf	Use HRWR
Slabs on Grade	4000 psi	n/a	6" to 8"	3% to 5%	150 pcf	Use HRWR
Slabs on Metal Deck	4000 psi	n/a	6" to 8"	3% to 5%	150 pcf	Use HRWR

NOTE: Do not use entrain air for interior applications

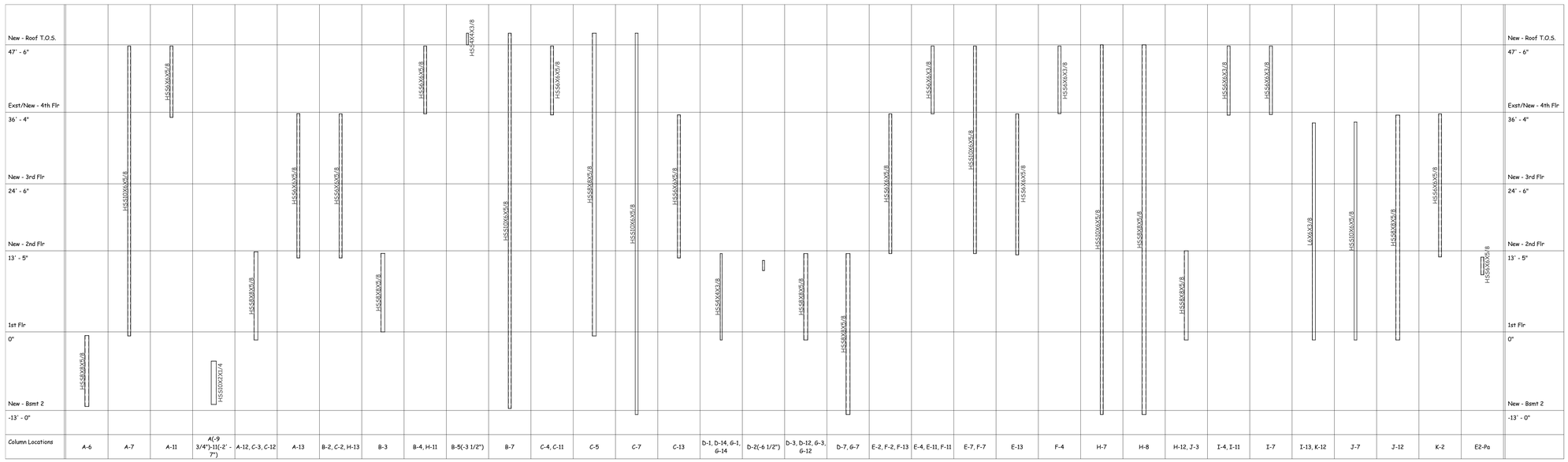
Structural Wall Foundation Schedule

Type	Width	Heel Length	Toe Length	Thickness	Reinforcing	Estimate of Length
W24	2' - 0"			1' - 0"	3 #4 con't / #4 @ 36" transverse	134'
W36	3' - 0"			1' - 0"	5 #4 con't / #4 @ 12" transverse	49'
W44		1' - 6"	1' - 0"	1' - 0"	(5)#4 bars Cont Top & Bott w/ #6 Dowels e.f. @ 12" o.c. w/ #4 bars top transverse @ 12" o.c.	274'

Reinforcing Steel Lap Splice Lengths

Bar Size	Column Splices	Bm, Ftg & Wall Splices: Top Bars	Bm, Ftg & Wall Splices: Other Bars	CMU Wall Splices
# 3	12"	19"	15"	18"
# 4	15"	25"	19"	24"
# 5	19"	31"	24"	30"
# 6	23"	37"	29"	36"
# 7	26"	54"	42"	42"
# 8	30"	62"	48"	48"
# 9	34"	70"	54"	54"
# 10	38"	79"	61"	60"
# 11	42"	87"	67"	66"

Notes:
1. Top bars are any horizontal reinforcing steel that has another layer of steel more than 2" below the bars or reinforcing steel that has more than 12" of concrete below the bars.
2. All horizontal reinforcing bars in walls may be detailed as "Other Bars".
3. All corner bars may be detailed as "Other Bars".



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Chi Omega Sorority

The University of Alabama Campus
UA Project Number 910-12-024
Tuscaloosa, AL

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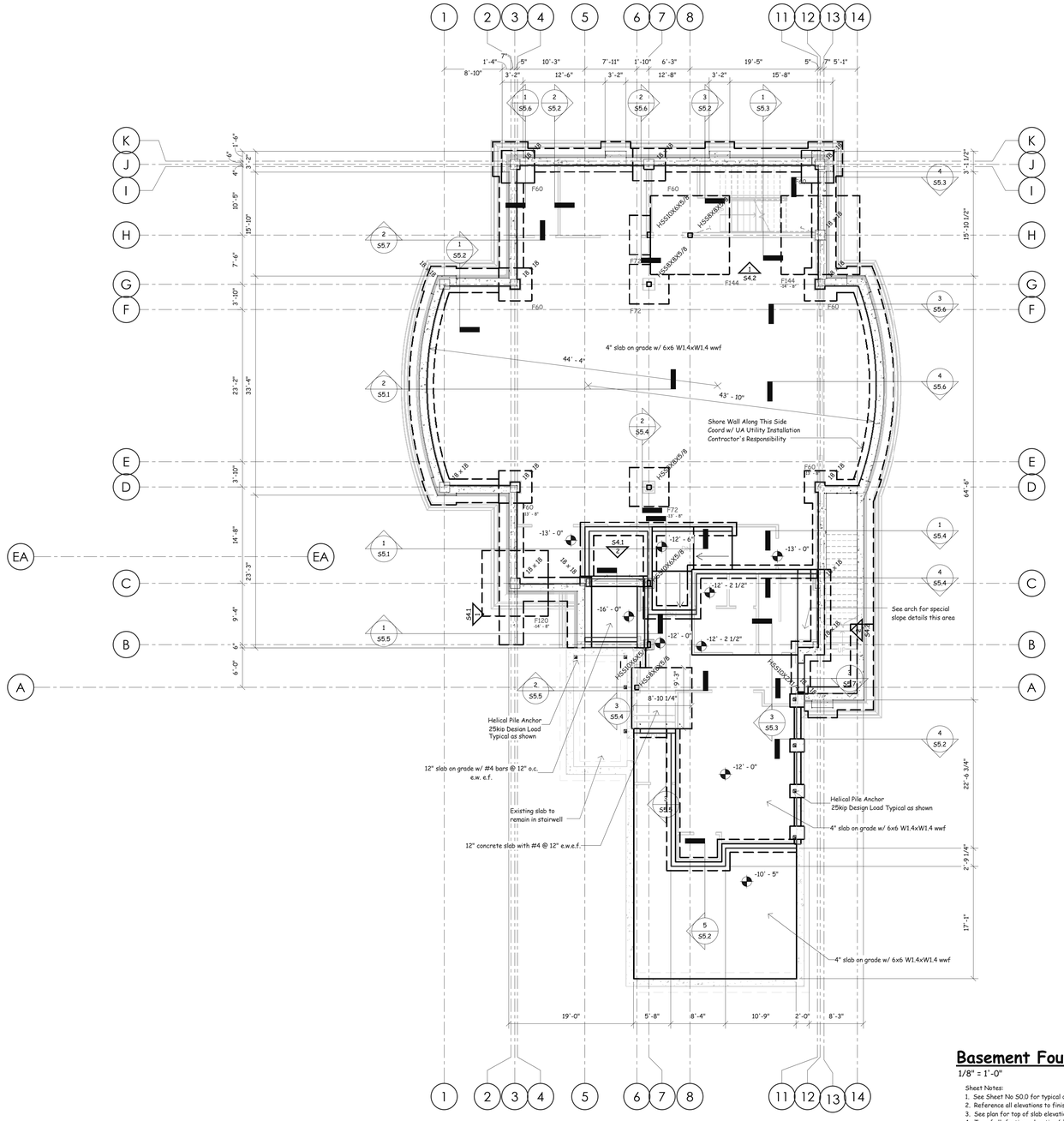
Contractor must verify all dimensions prior to construction.

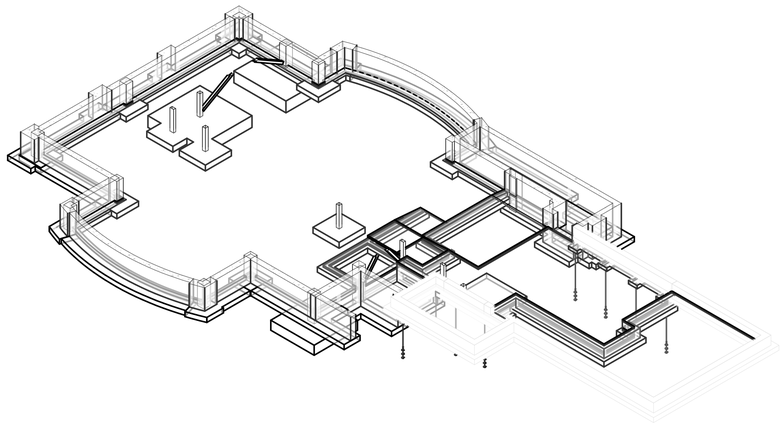
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DRAWN BY:	DJD

Schedules

SHEET NUMBER S0.3

Barnett Jones Wilson Structural Engineers LLC
Pell City, AL 205.884.5334
Tuscaloosa, AL 205.345.9595





Basement Foundation Plan

1/8" = 1'-0"

Sheet Notes:
1. See Sheet No S0.0 for typical details and general notes.
2. Reference all elevations to finish floor elevation (+) 0'-0" = 224'-0"
3. See plan for top of slab elevations. Verify all elevations w/ Civil drawings.
4. Top of all footings elevation (-) 0'-8" unless noted.
5. $ indicates footing steps.

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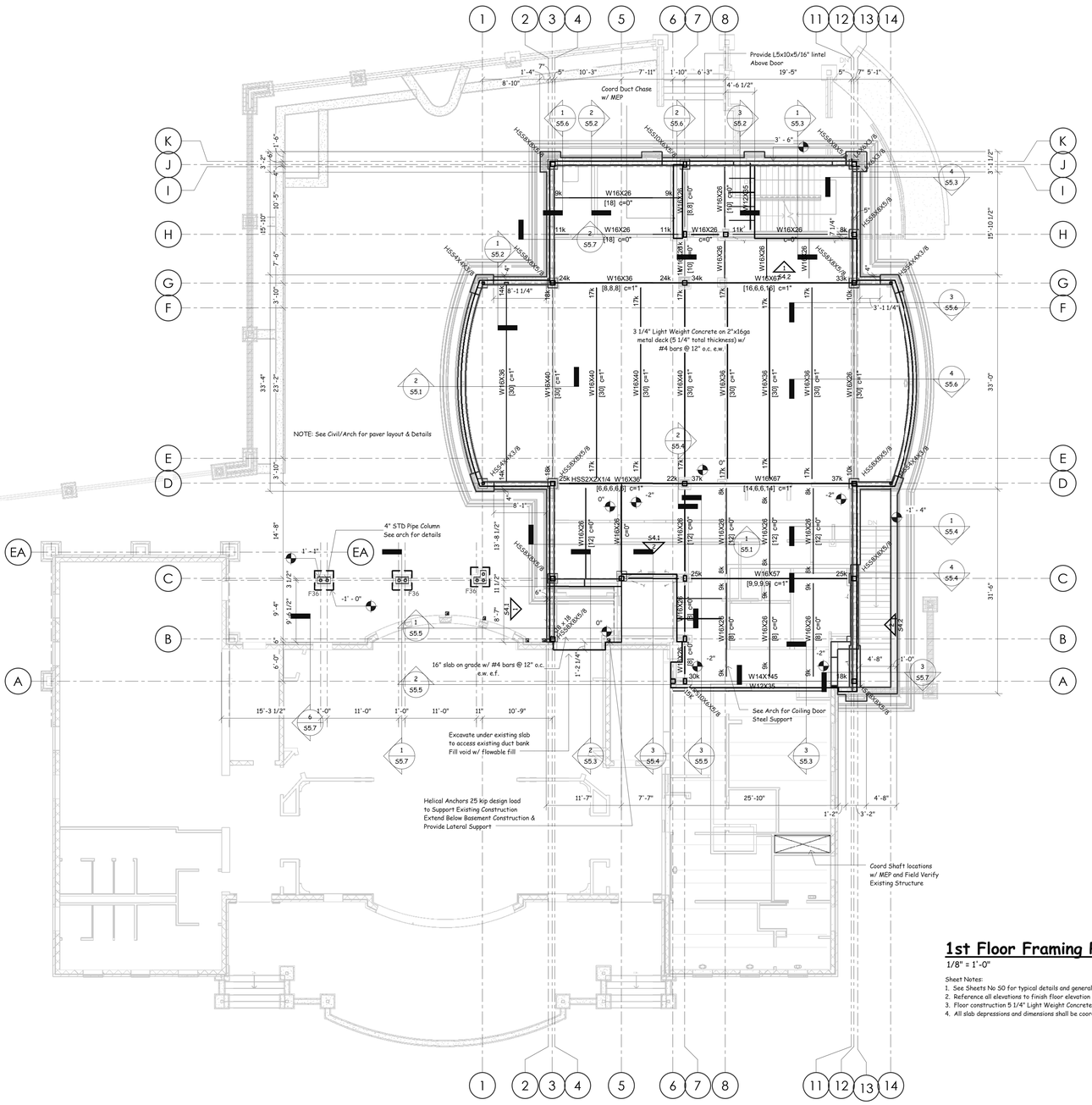
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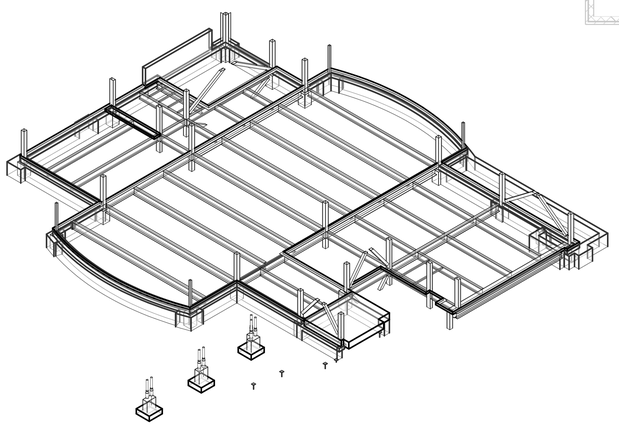
Contractor must verify all dimensions prior to construction.

JOB No.	11039
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DRAWN BY:	DJD
Basement Foundation Plan	
SHEET NUMBER	S1.1

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1st Floor Framing Plan

1/8" = 1'-0"

Sheet Notes:
1. See Sheets No S0 for typical details and general notes.
2. Reference all elevations to finish floor elevation (+) 0'-0" = 224'-0"
3. Floor construction 5 1/4" Light Weight Concrete slab with # 4 @ 12" e.w. over 2" x 16 ga. composite metal deck.
4. All slab depressions and dimensions shall be coordinated w/ Arch. Arch dimensions govern.

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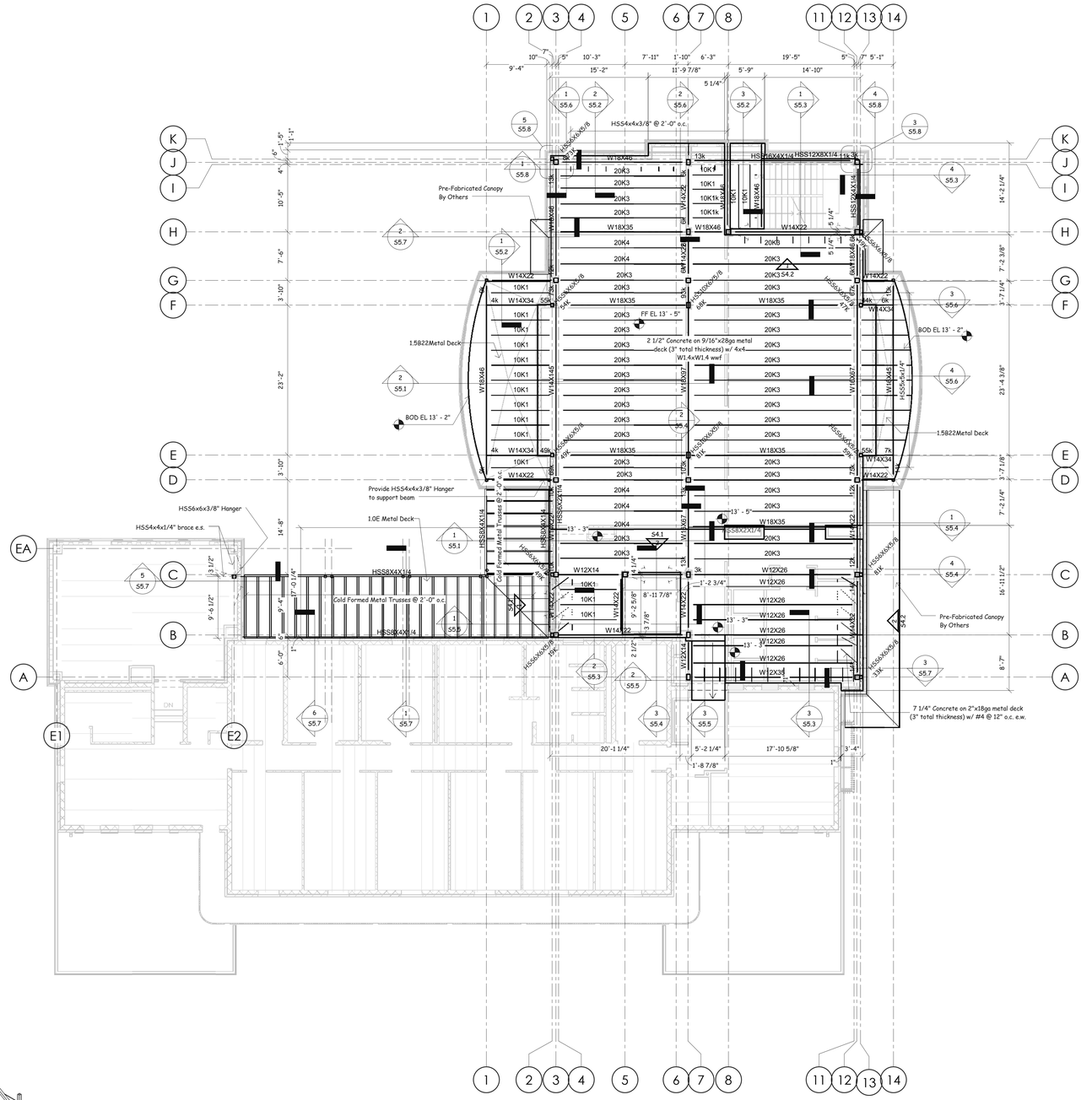
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DATE:	REV DATE:
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DRAWN BY:	DJD

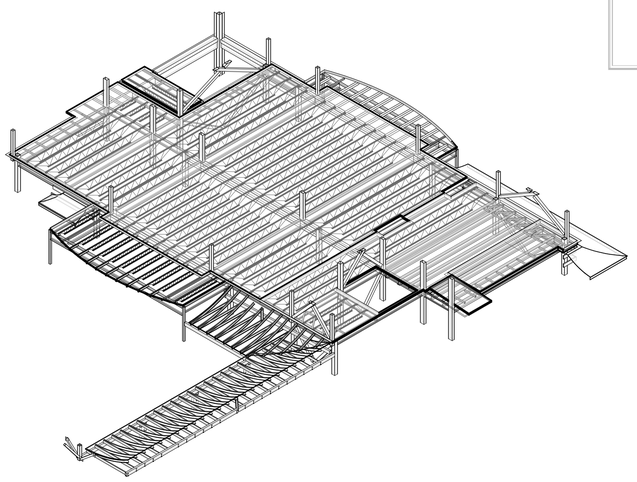
1st Floor Framing Plan

SHEET NUMBER S2.1

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2nd Floor Framing Plan

1/8" = 1'-0"

Sheet Notes:
1. See S0 sheets for typical details and general notes.
2. Reference all elevations to finish floor elevation (+) 0'-0" = 224'-0".
3. Floor construction 3" concrete slab with 6x6 w1.4xW1.4 wwf on 9/16" x 28 ga. galvanized metal decking.
4. All slab depressions and dimensions shall be coordinated w/ Arch. Arch dimensions govern.
5. Reactions shown are ASD Load Combination. Design all connections for 10k min load. All reactions include masonry veneer line loads

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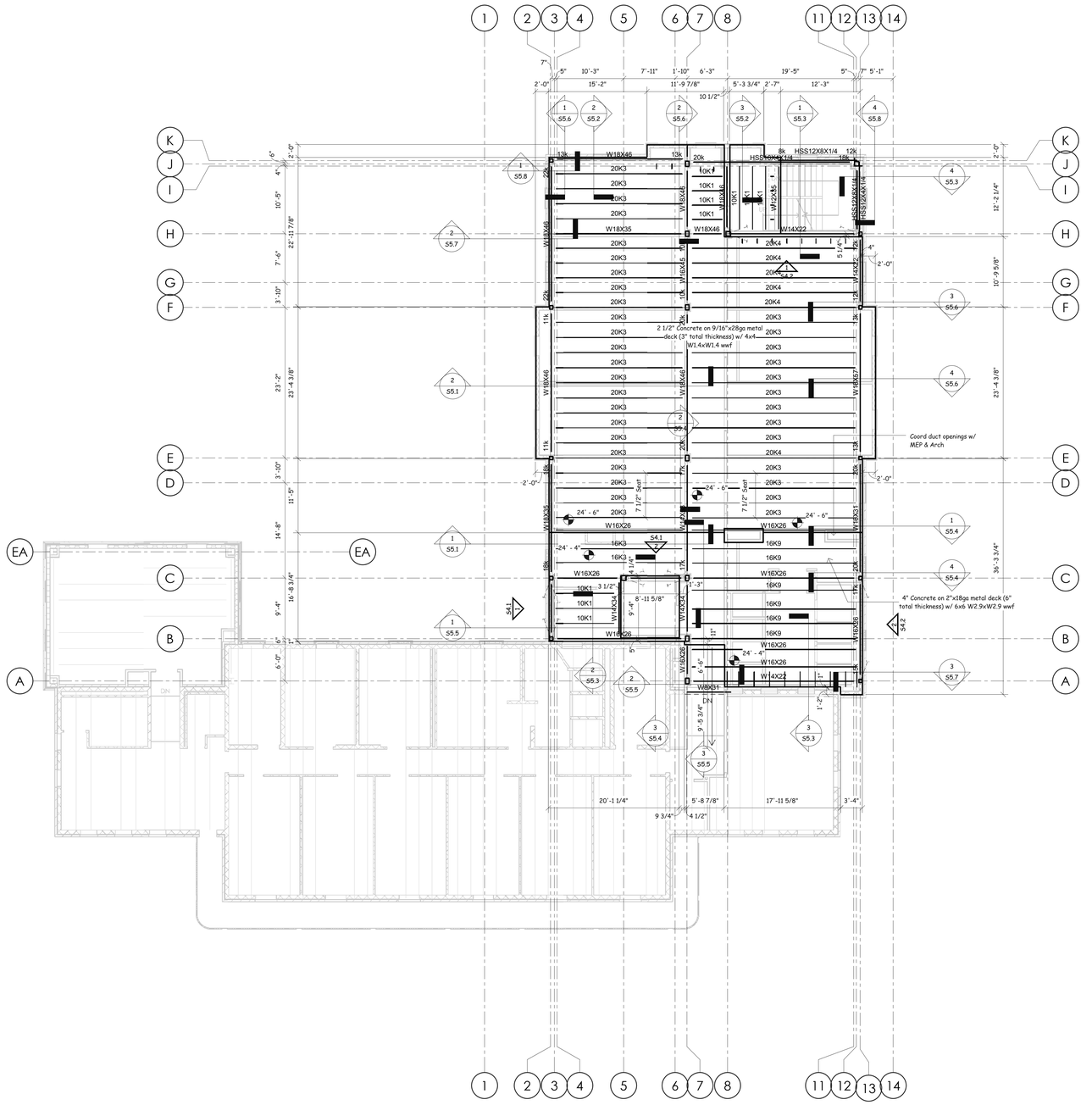
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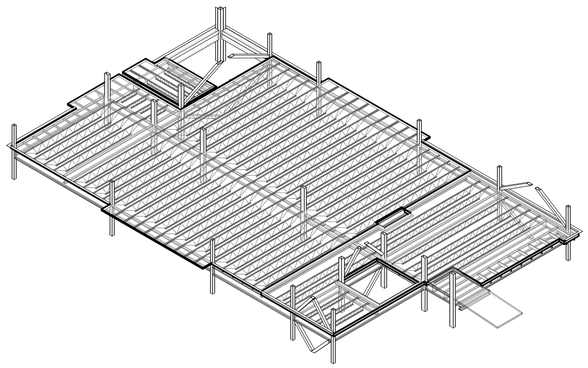
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2nd Floor Framing Plan	
SHEET NUMBER	S2.2

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3rd Floor Framing Plan

1/8" = 1'-0"

Sheet Notes:
1. *See S0 sheets for typical details and general notes.*
2. *Reference all elevations to finish floor elevation (+) 0'-0" = 224'-0".*
3. *Floor construction 3" concrete slab with 6x6 w1.4xW1.4 wwf on 9/16" x 28 ga. galvanized metal decking.*
4. *All slab depressions and dimensions shall be coordinated w/ Arch. Arch dimensions govern.*

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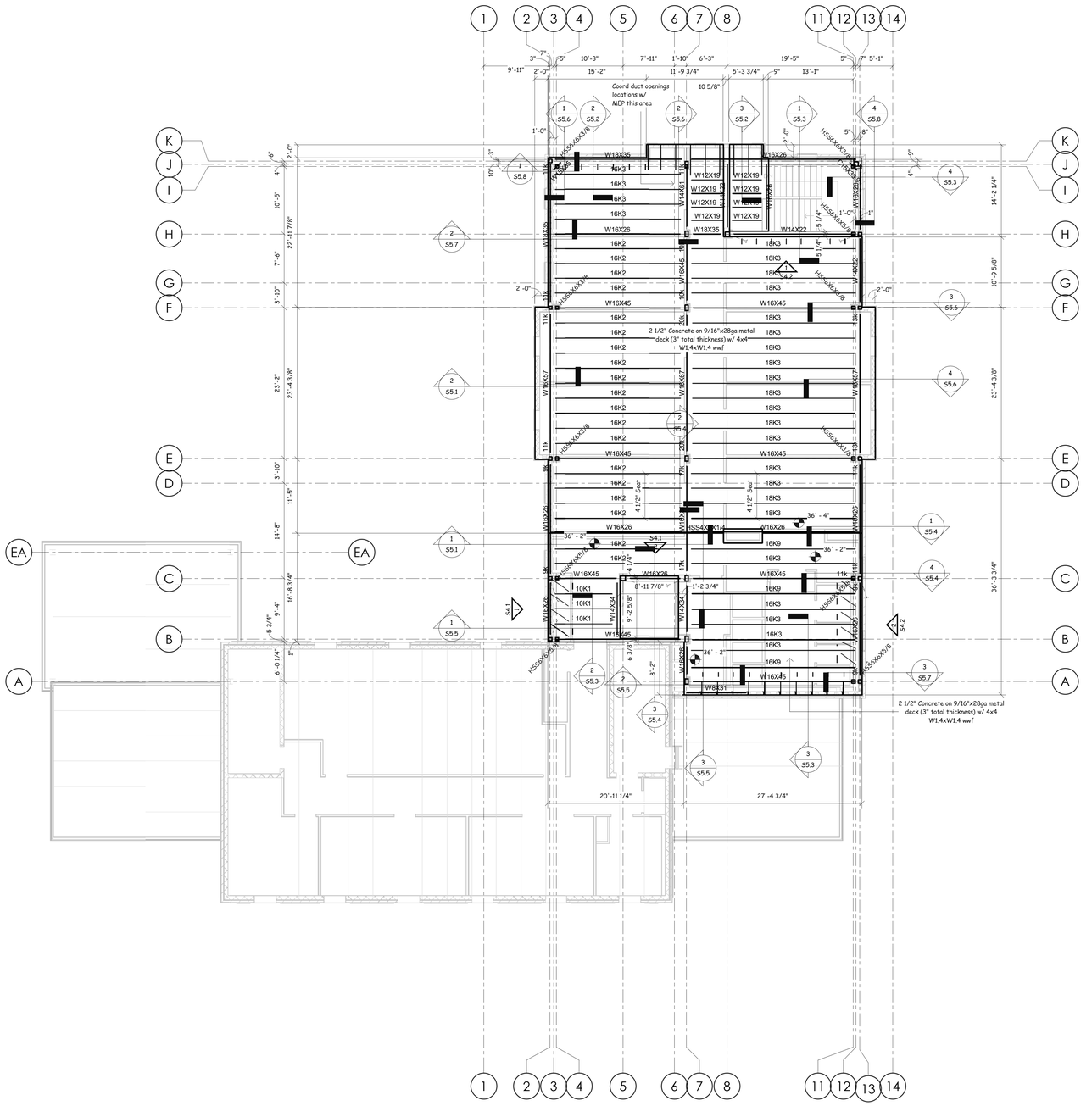
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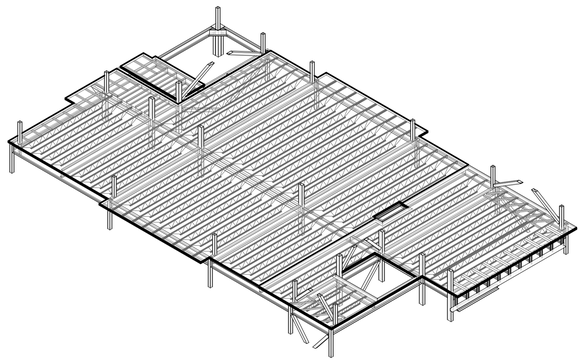
3rd Floor Framing Plan

SHEET NUMBER S2.3

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4rth Floor Framing Plan

1/8" = 1'-0"

Sheet Notes:
1. See S0 sheets for typical details and general notes.
2. Reference all elevations to finish floor elevation (+) 0'-0" = 224'-0".
3. Floor construction 3" concrete slab with 6x6 w1.4xW1.4 wwf on 9/16" x 28 ga. galvanized metal decking.
4. All slab depressions and dimensions shall be coordinated w/ Arch. Arch dimensions govern.

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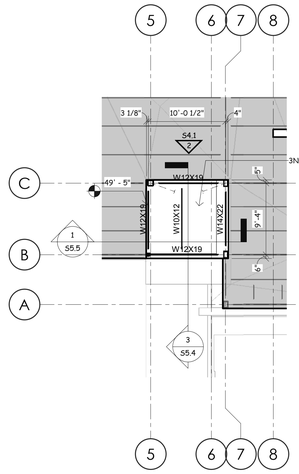
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4rth Floor Framing Plan

SHEET NUMBER S2.4

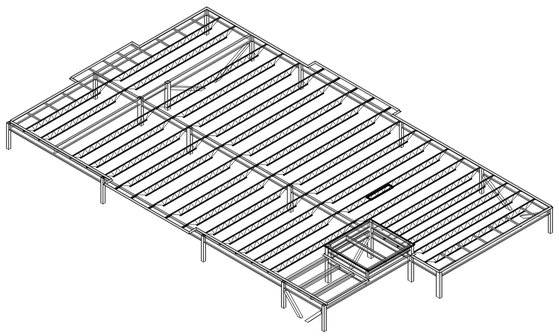
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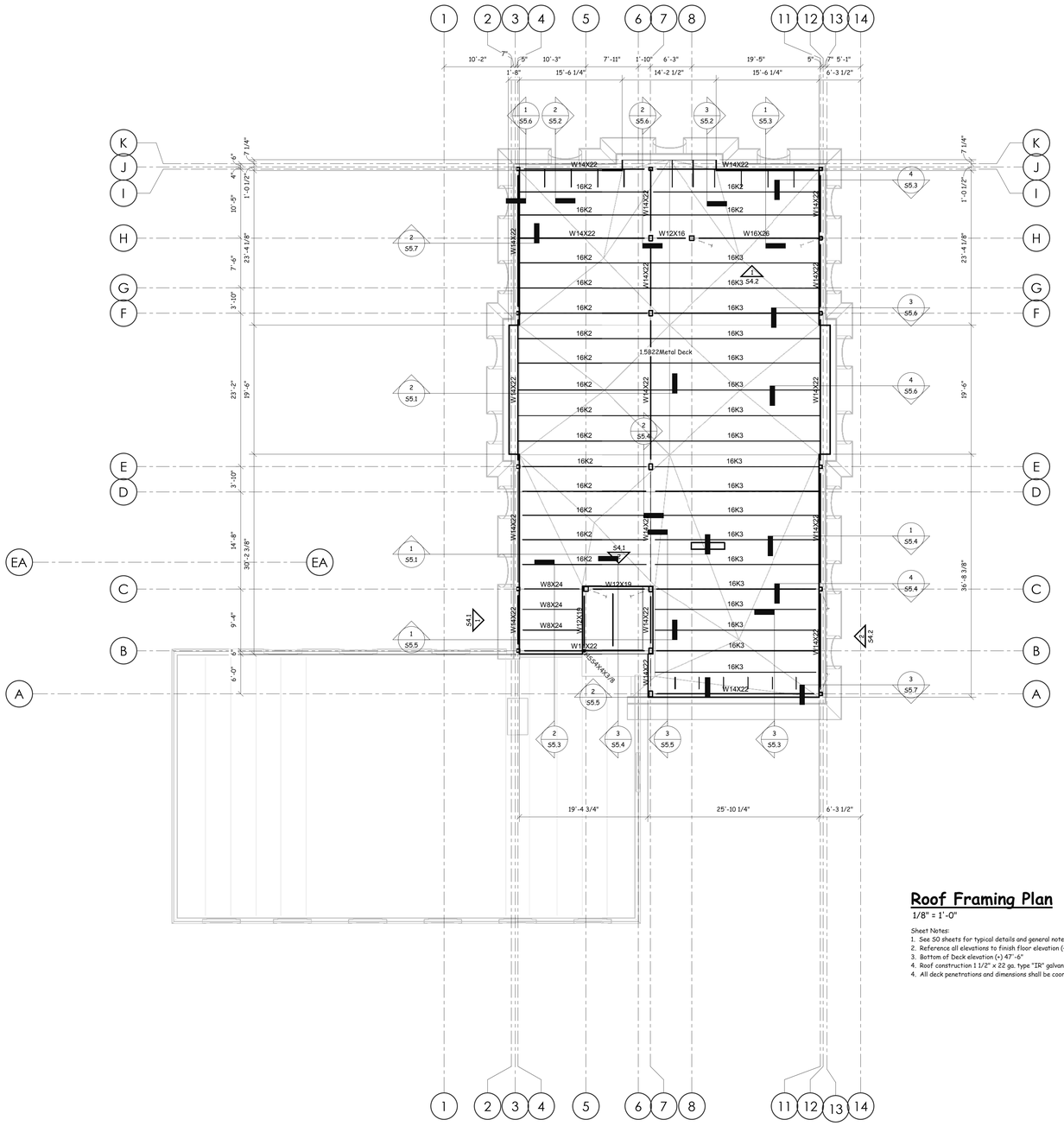
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High Roof T.O.S.

1/8" = 1'-0"





Roof Framing Plan

1/8" = 1'-0"

Sheet Notes:
1. See S0 sheets for typical details and general notes.
2. Reference all elevations to finish floor elevation (+) 0'-0" = 224'-0"
3. Bottom of Deck elevation (+) 47'-6"
4. Roof construction 1 1/2" x 22 ga. type "IR" galvanized metal deck. See Sheet S0.1 for attachment details.
4. All deck penetrations and dimensions shall be coordinated w/ Arch & MEP. Arch & MEP dimensions govern.

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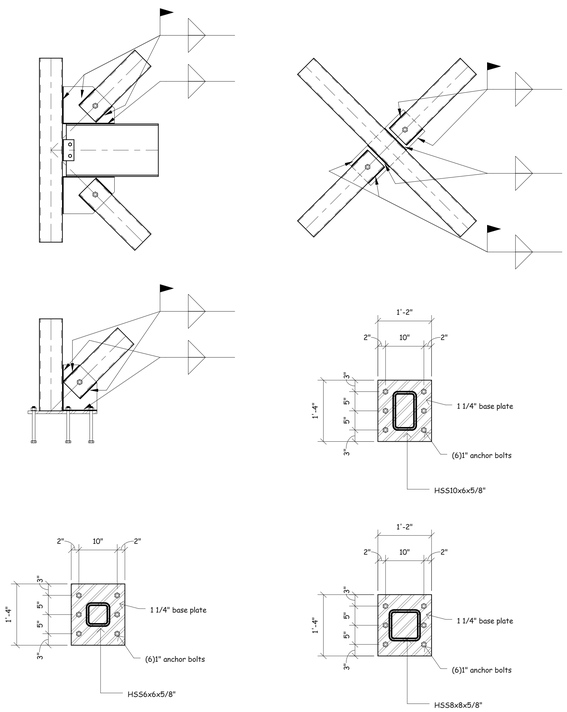
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Roof Framing Plan

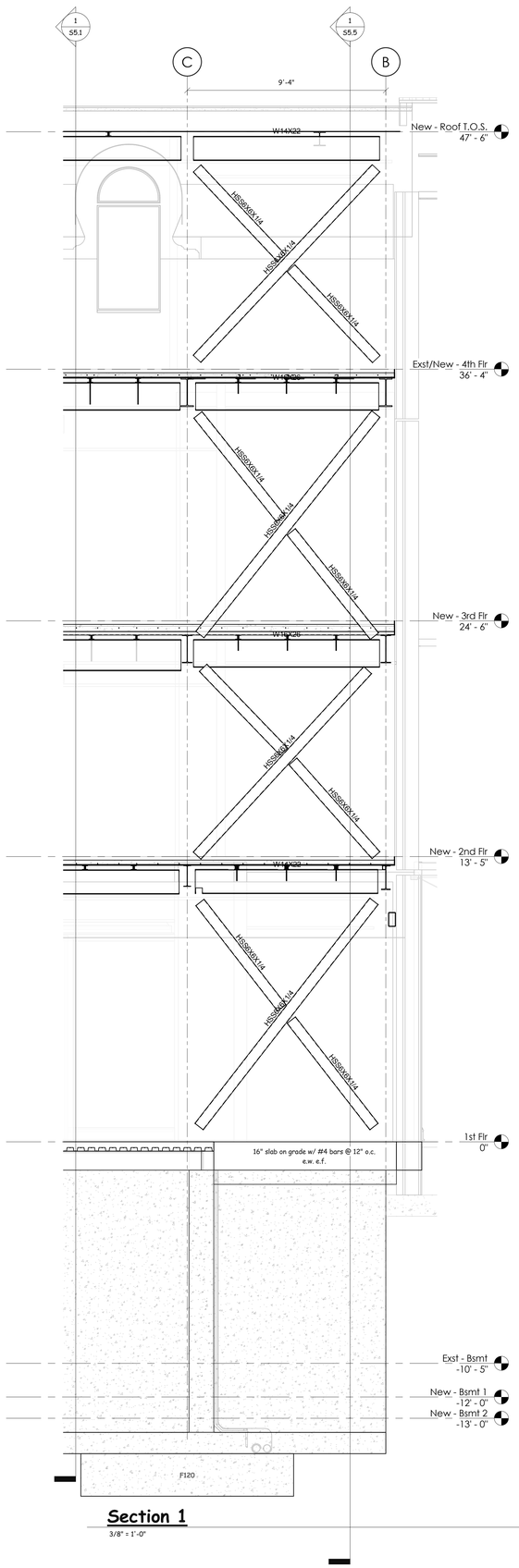
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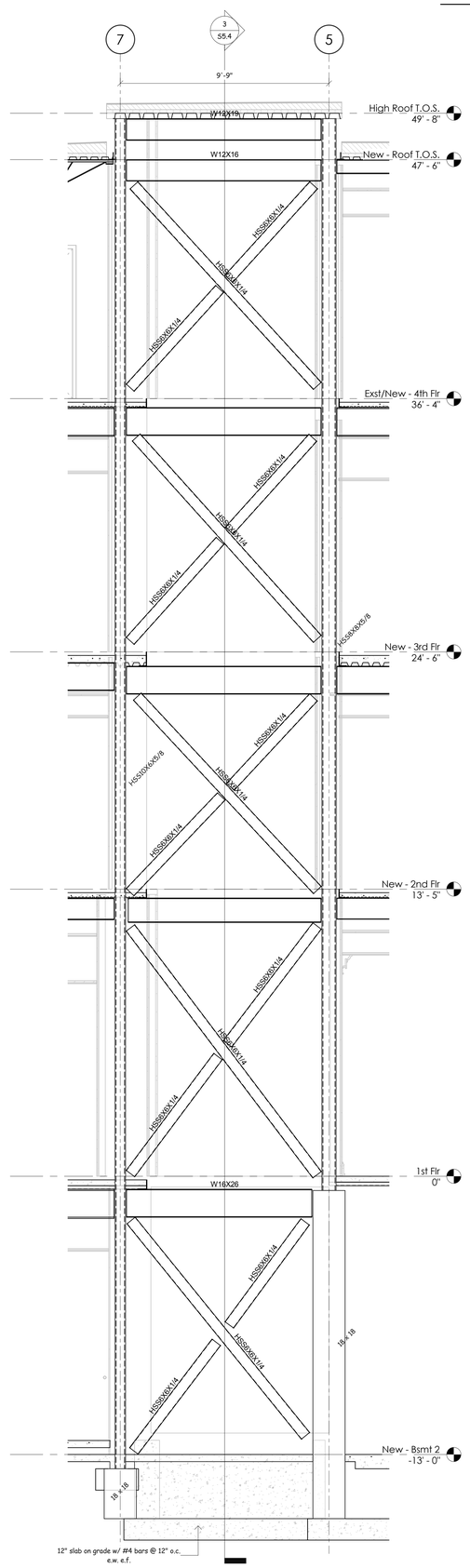
X Brace Details

3/4" = 1'-0"



Section 1

3/8" = 1'-0"



Section 2

3/8" = 1'-0"

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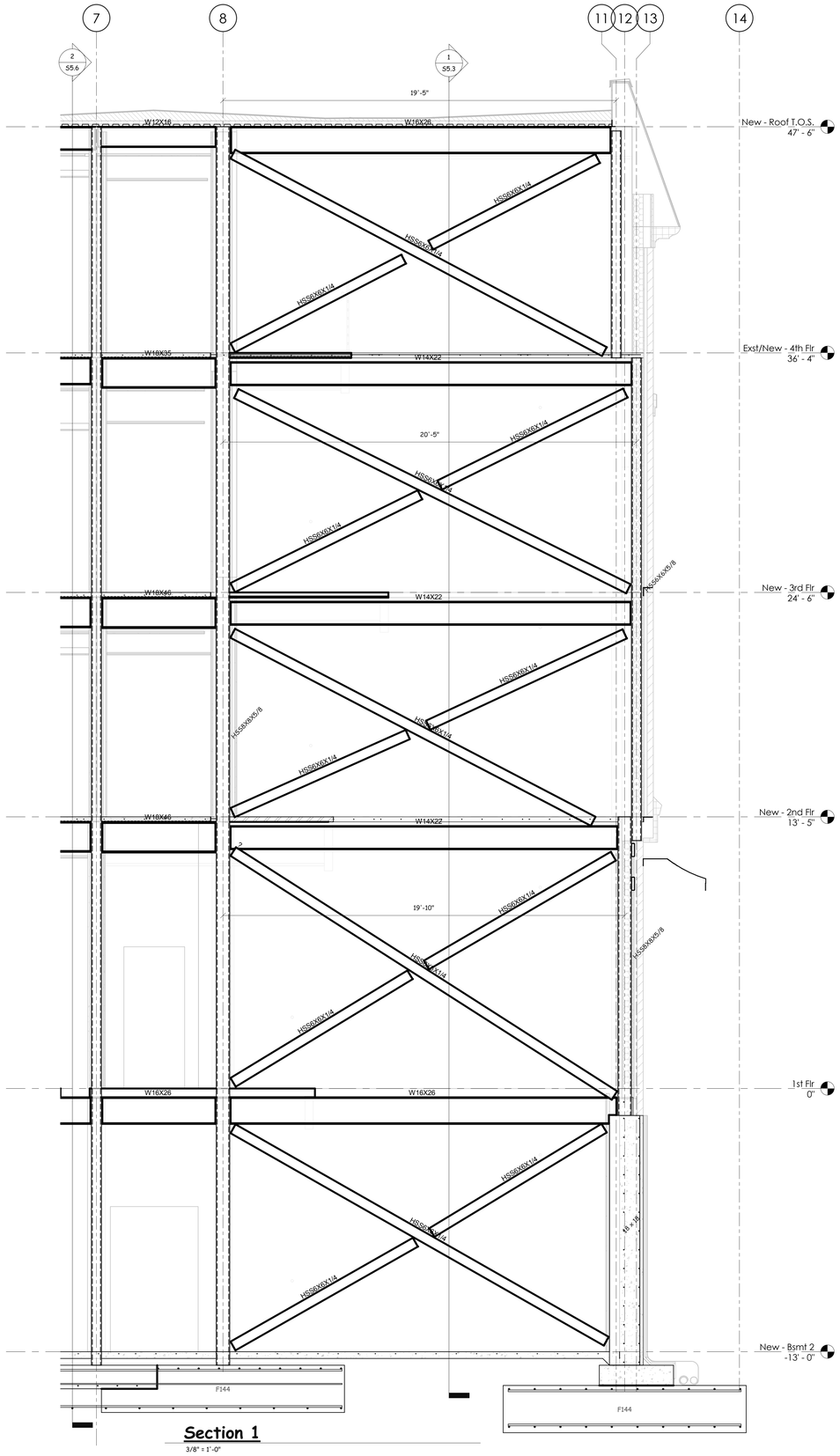
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X-Brace Elevations

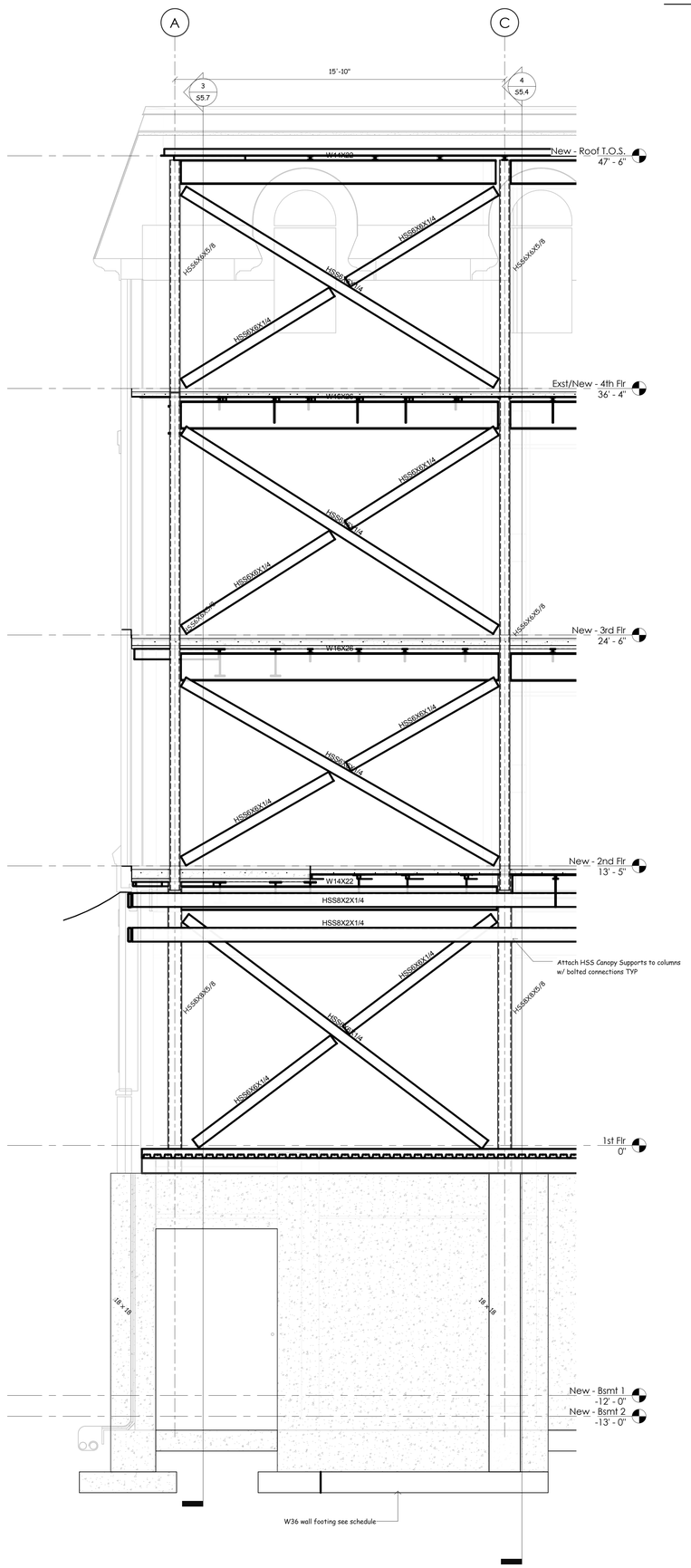
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Section 1

3/8" = 1'-0"



Section 2

3/8" = 1'-0"

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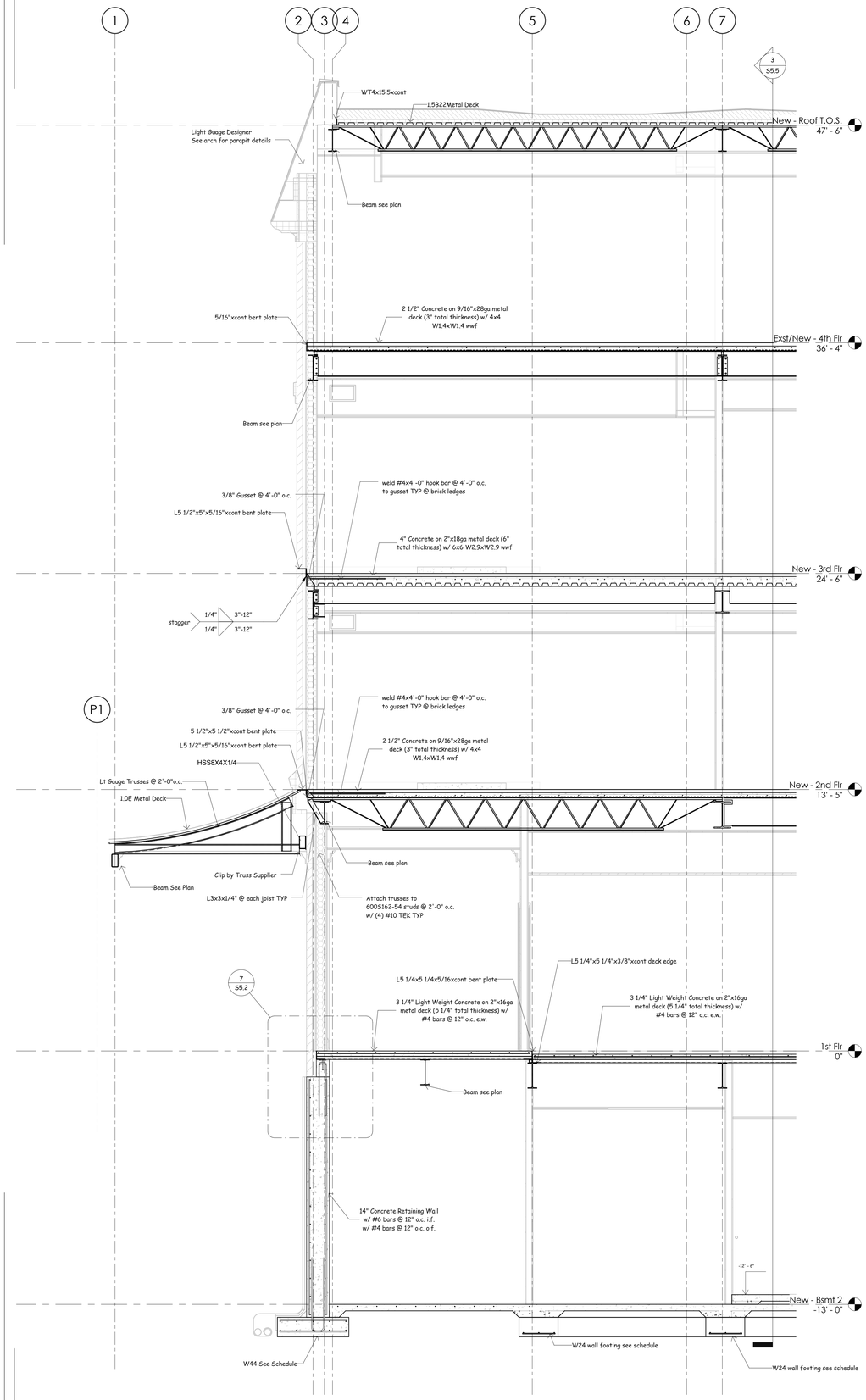
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X-Brace Elevations

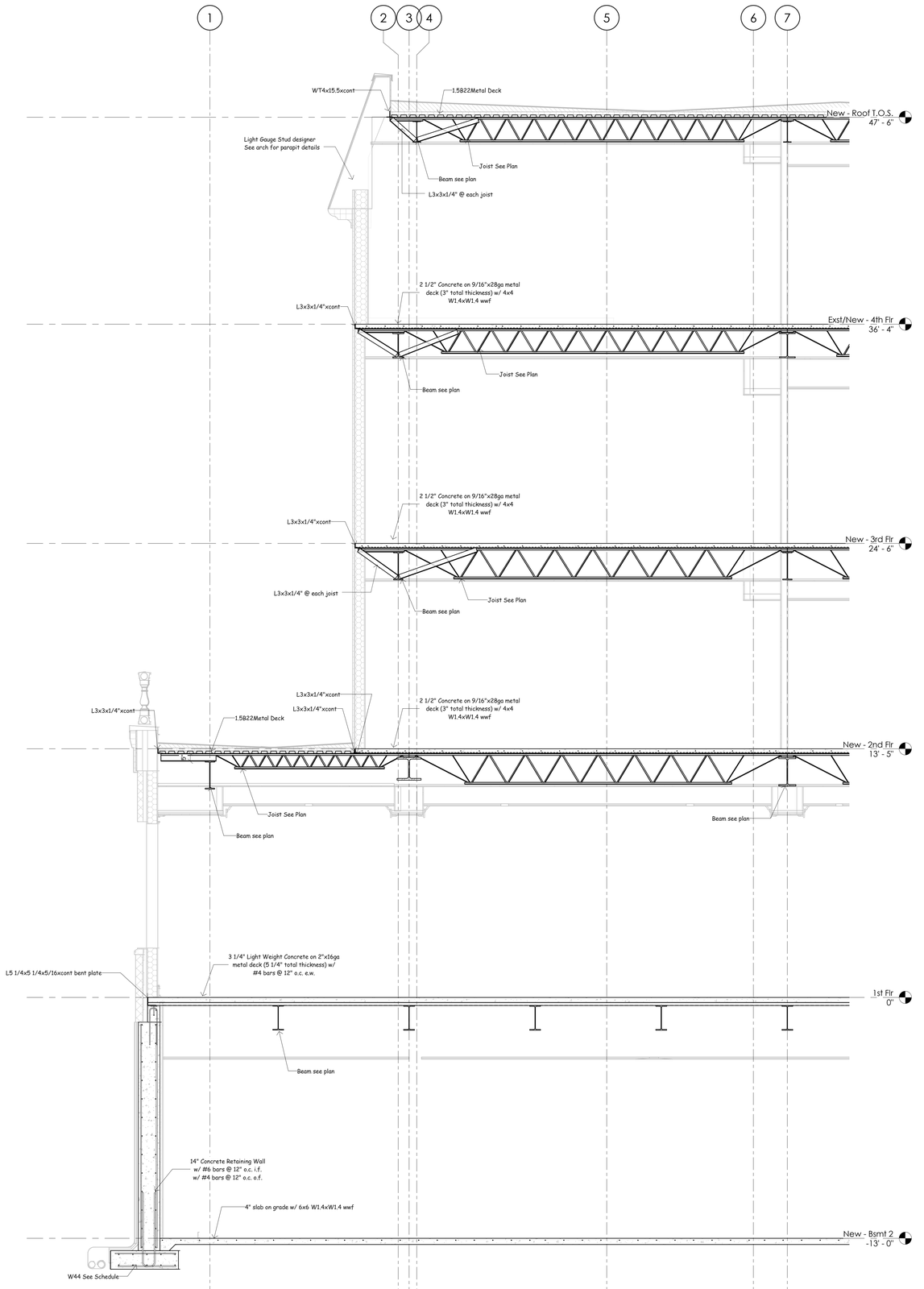
SHEET NUMBER S4.2

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Section 1

3/8" = 1'-0"



Section 2

3/8" = 1'-0"

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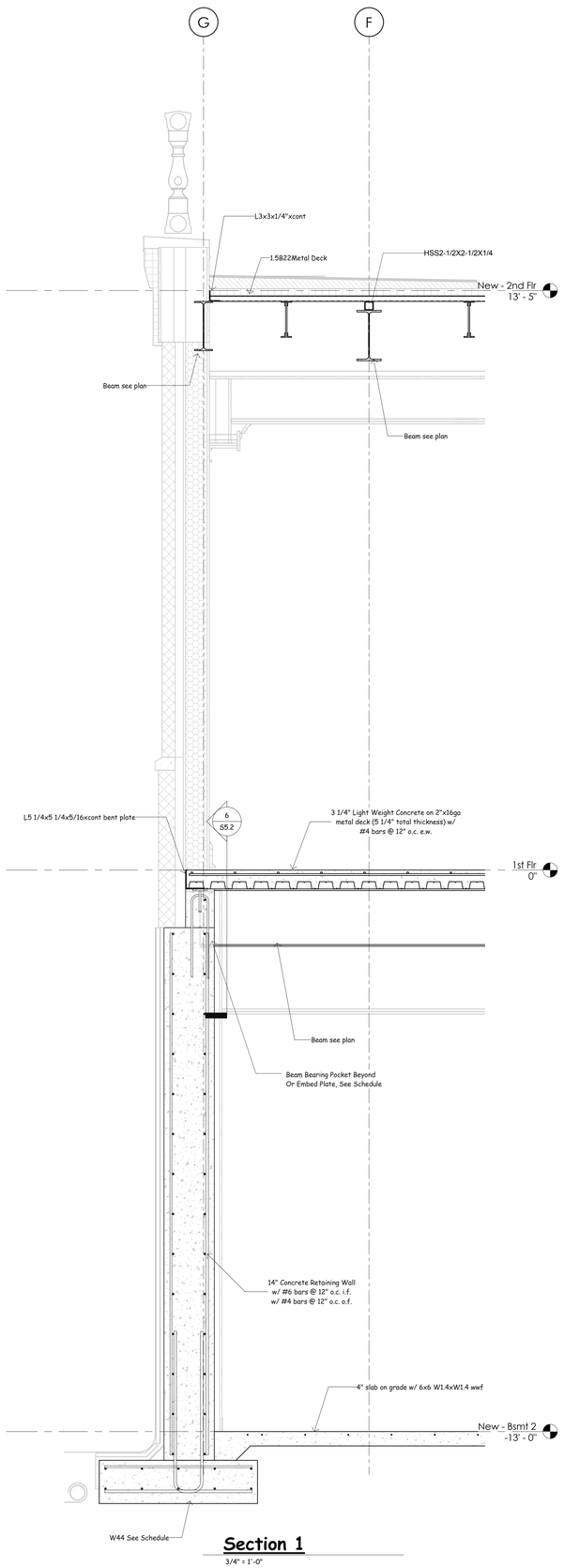
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Section Cuts & Details

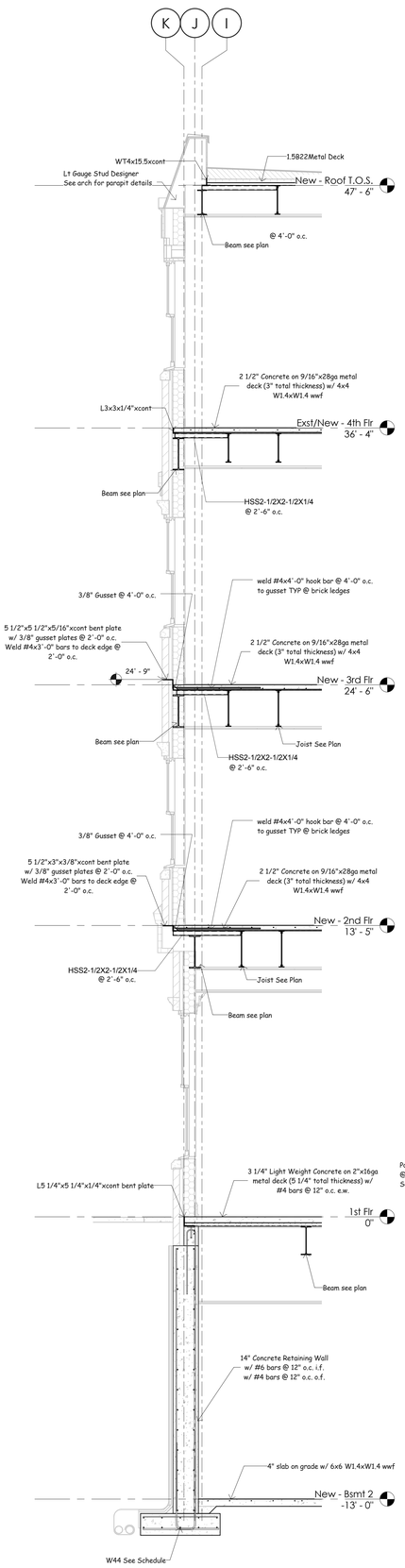
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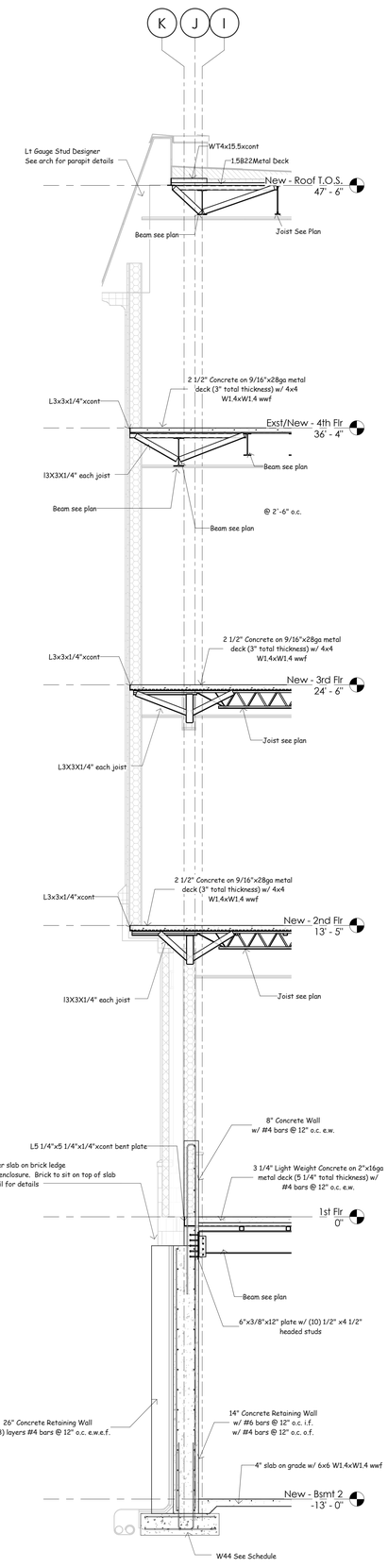
Section 1

3/4" = 1'-0"



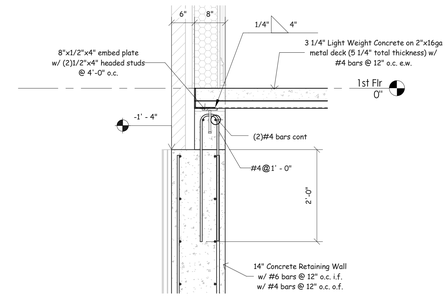
Section 2

3/8" = 1'-0"



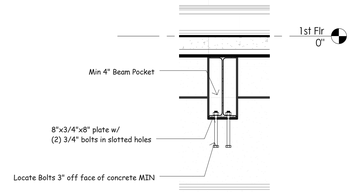
Section 3

3/8" = 1'-0"



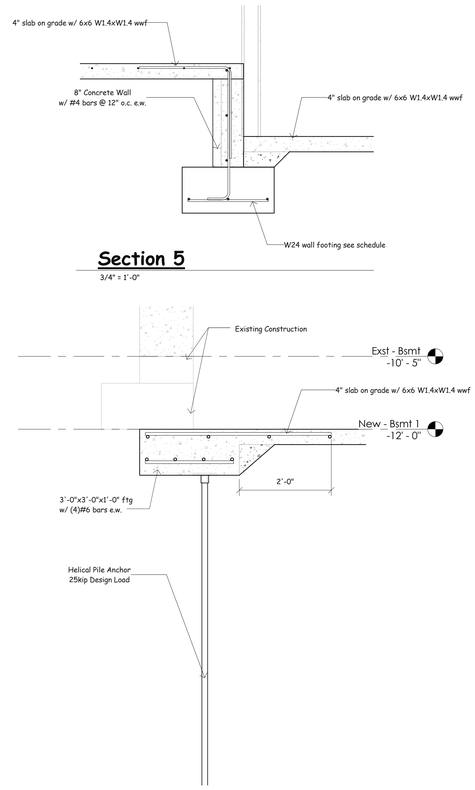
Section 7

3/4" = 1'-0"



Section 6

3/4" = 1'-0"



Section 5

3/4" = 1'-0"

Section 4

3/4" = 1'-0"

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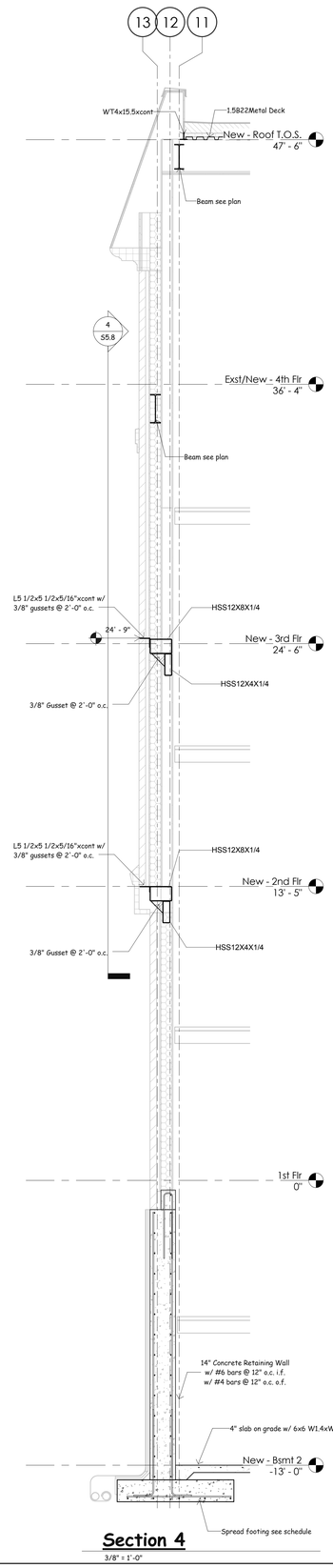
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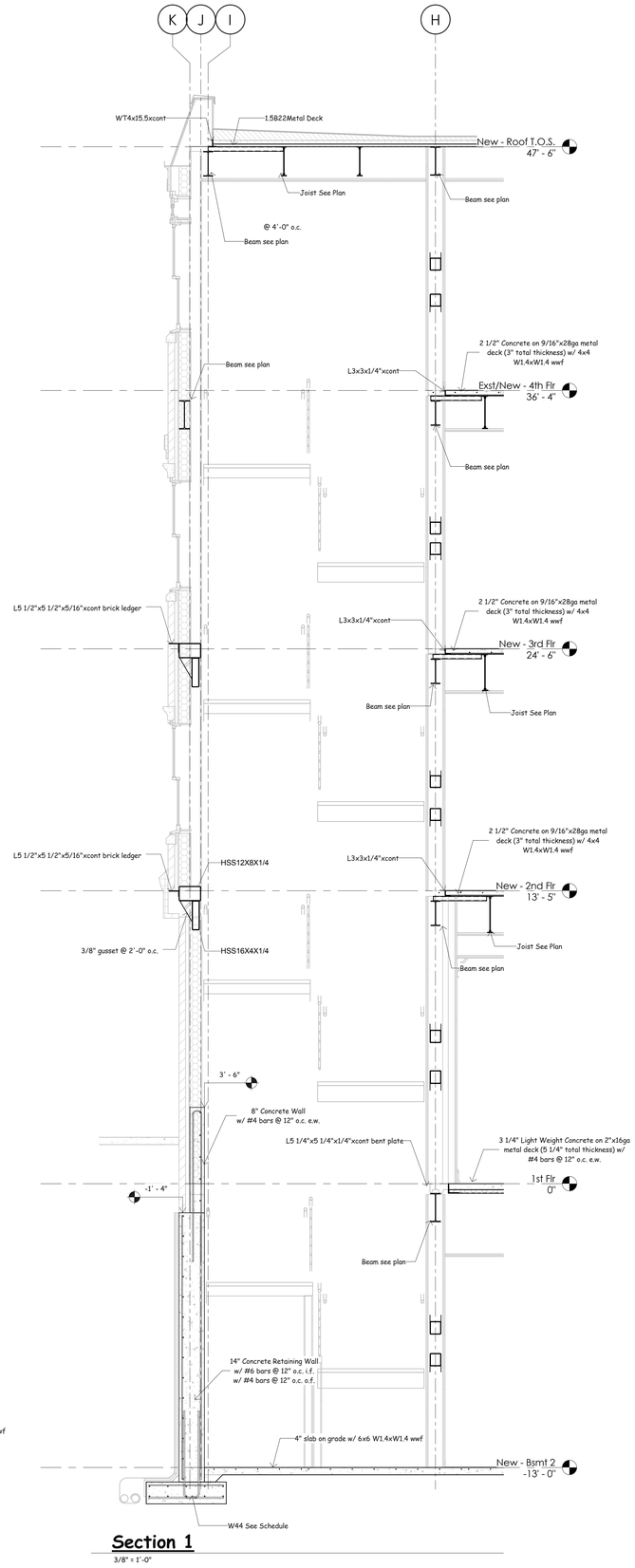
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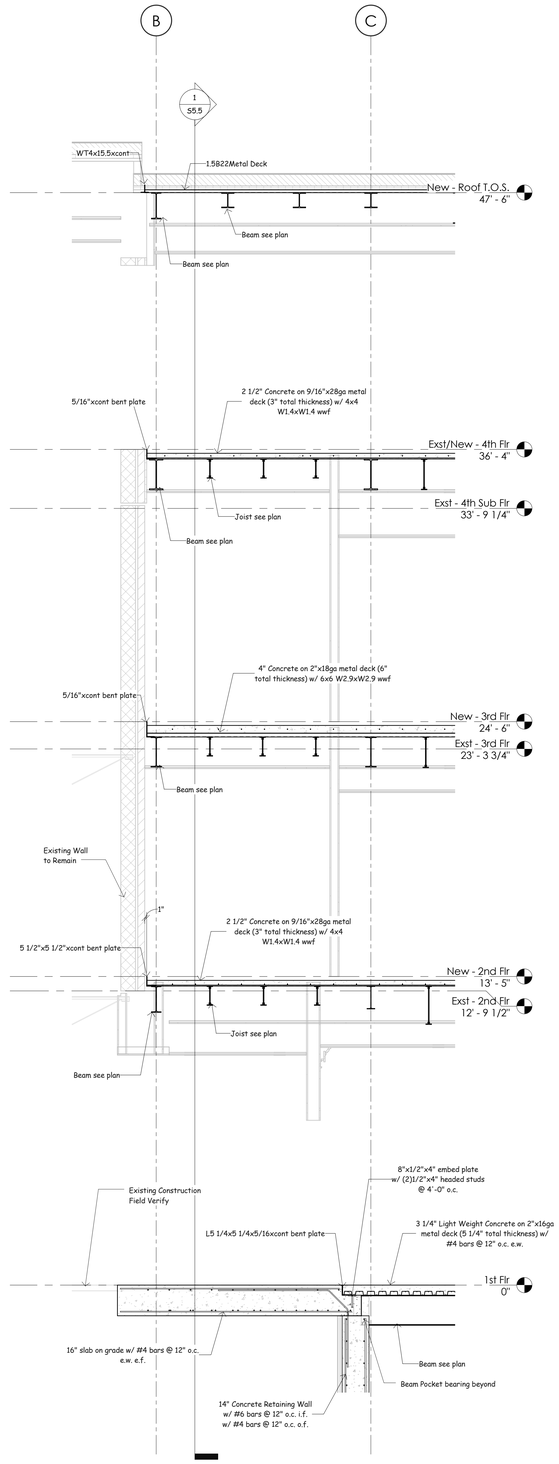
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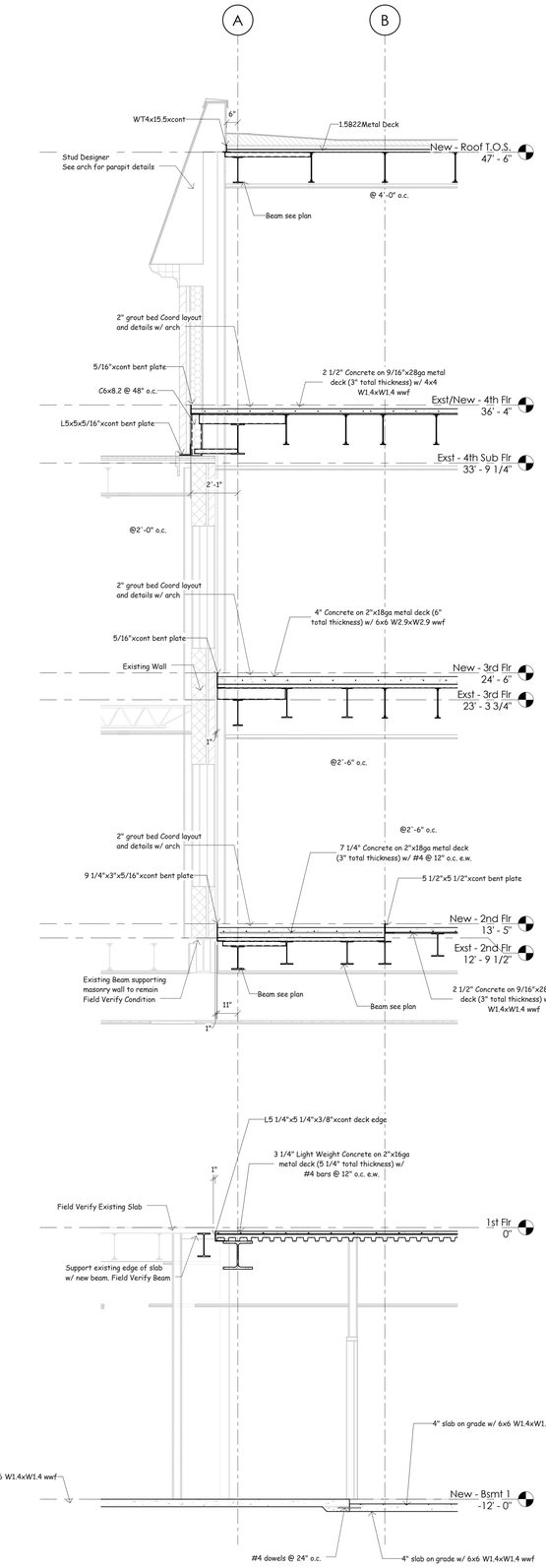
Section 4
3/8" = 1'-0"



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



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



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

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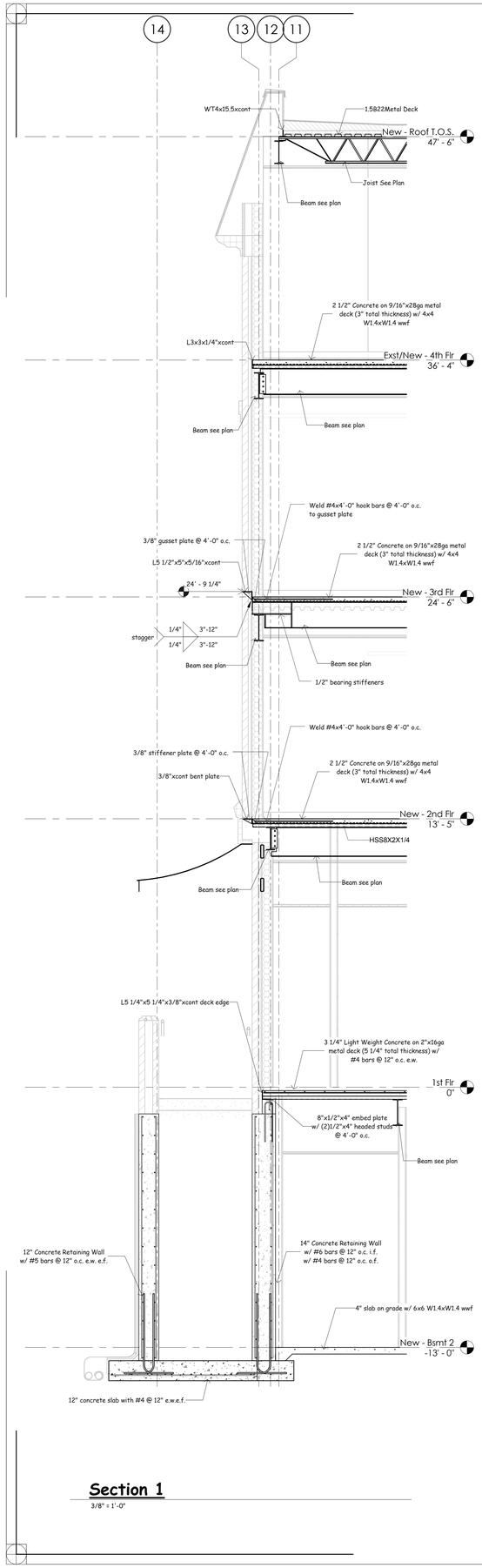
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Section Cuts & Details

SHEET NUMBER S5.3

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Section Cuts & Details

SHEET NUMBER S5.4

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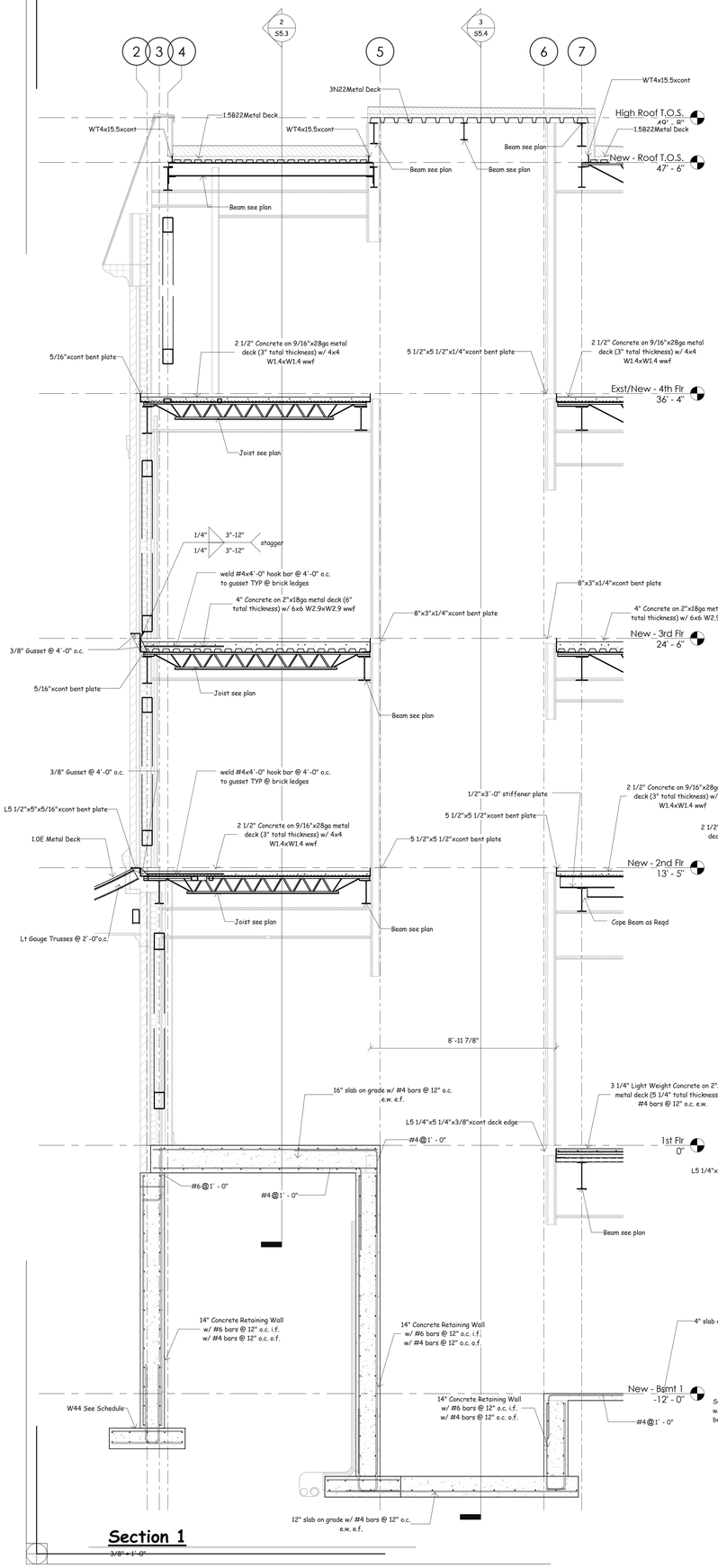
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Contractor must verify all dimensions prior to construction.

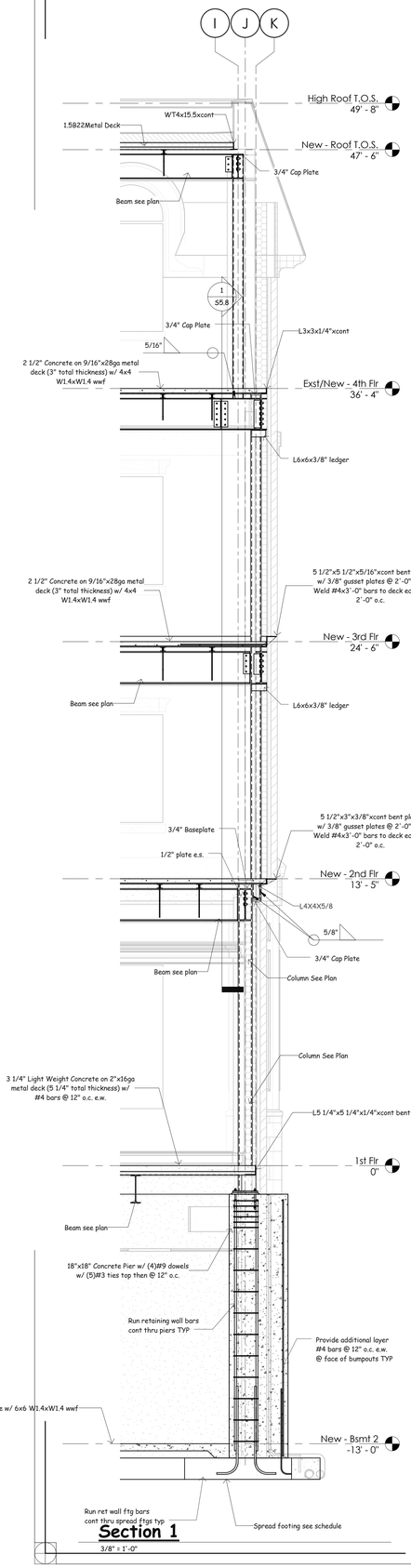
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DRAWN BY:	DJD

Section Cuts & Details

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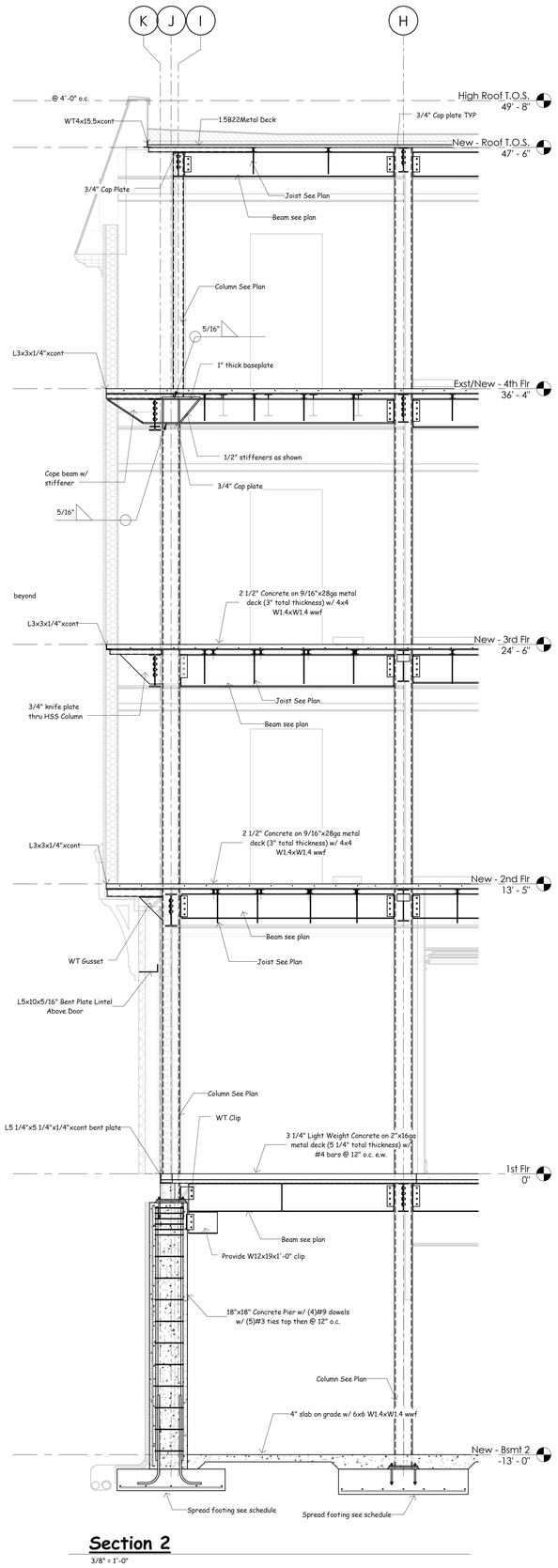


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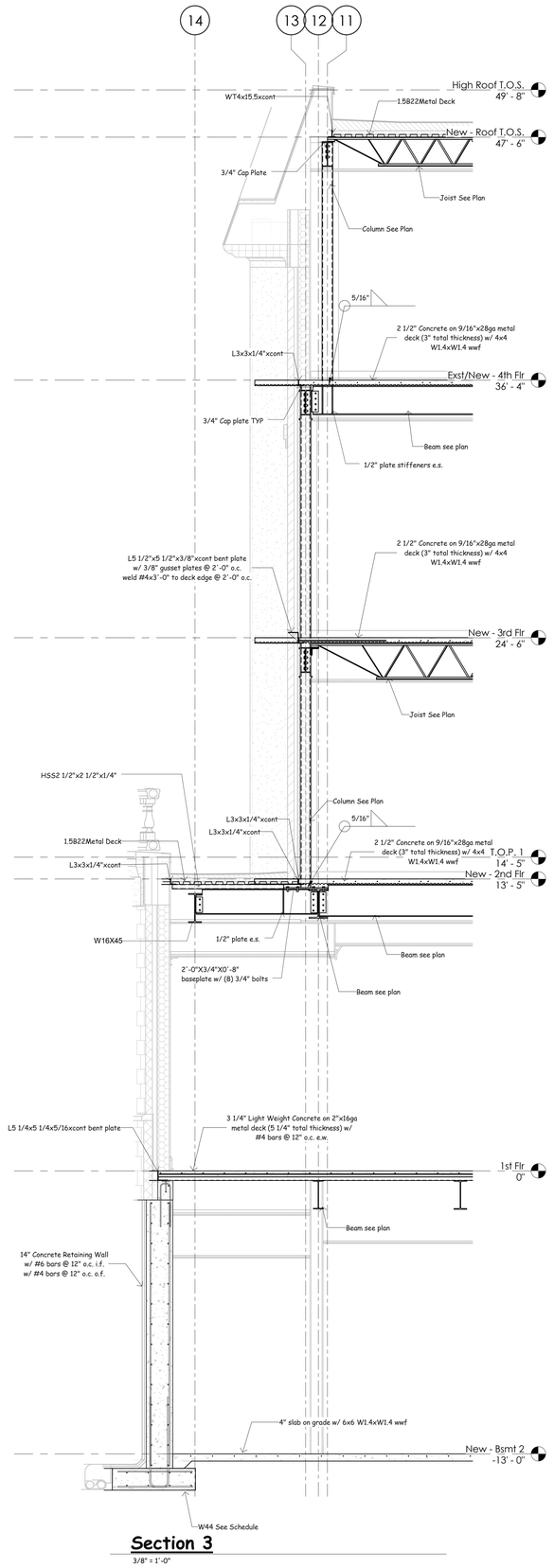
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3/8" = 1'-0"



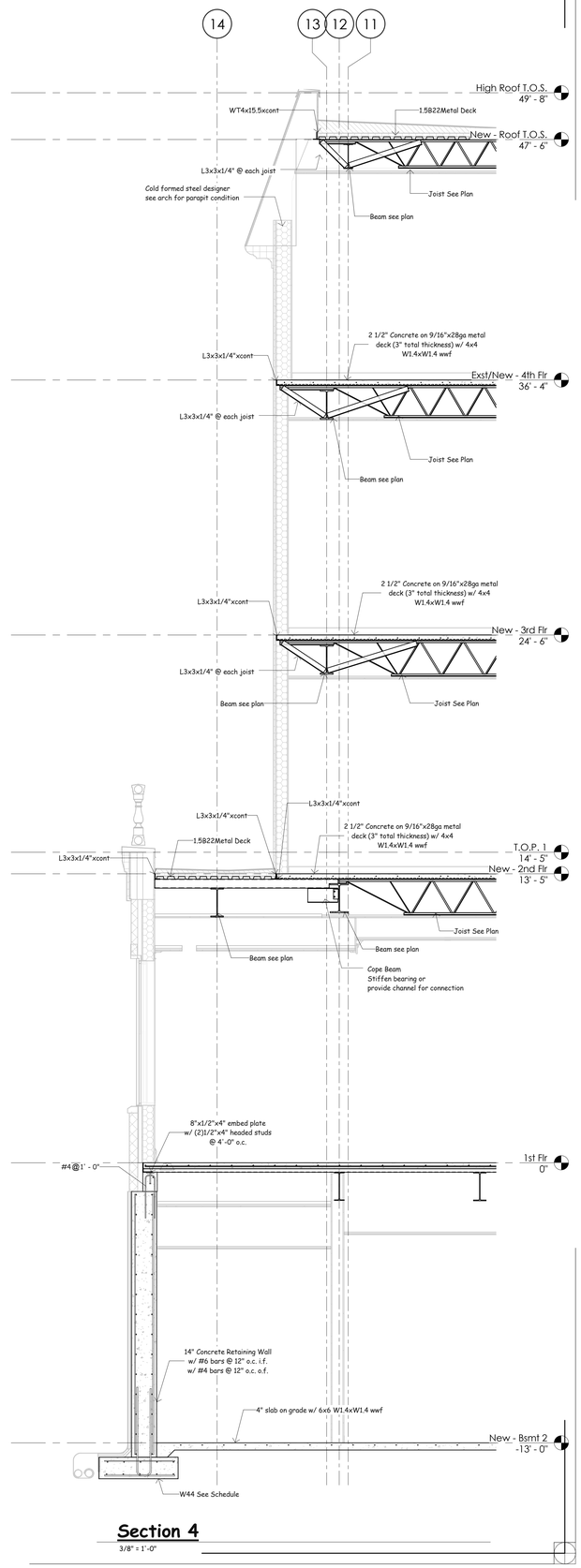
Section 2

3/8" = 1'-0"



Section 3

3/8" = 1'-0"



Section 4

3/8" = 1'-0"

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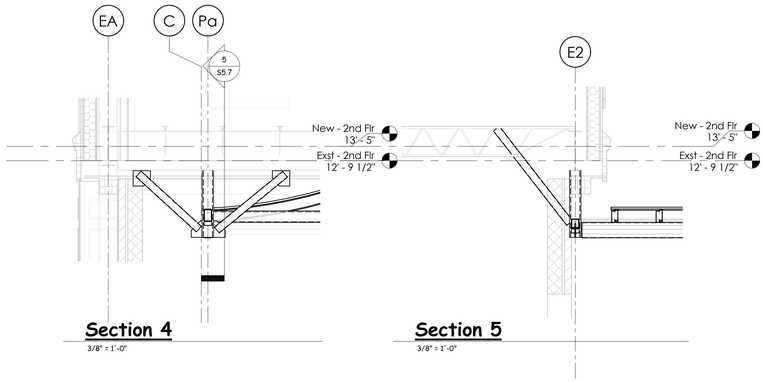
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Section Cuts & Details

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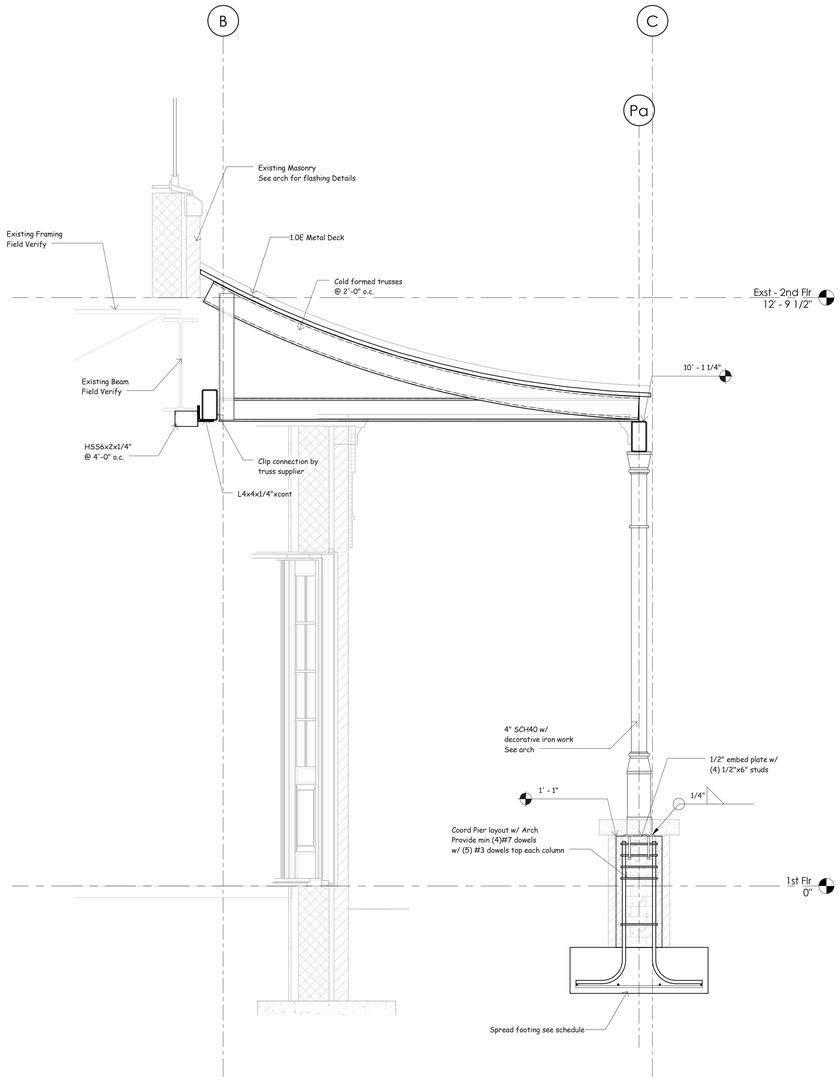


Section 4

3/8" = 1'-0"

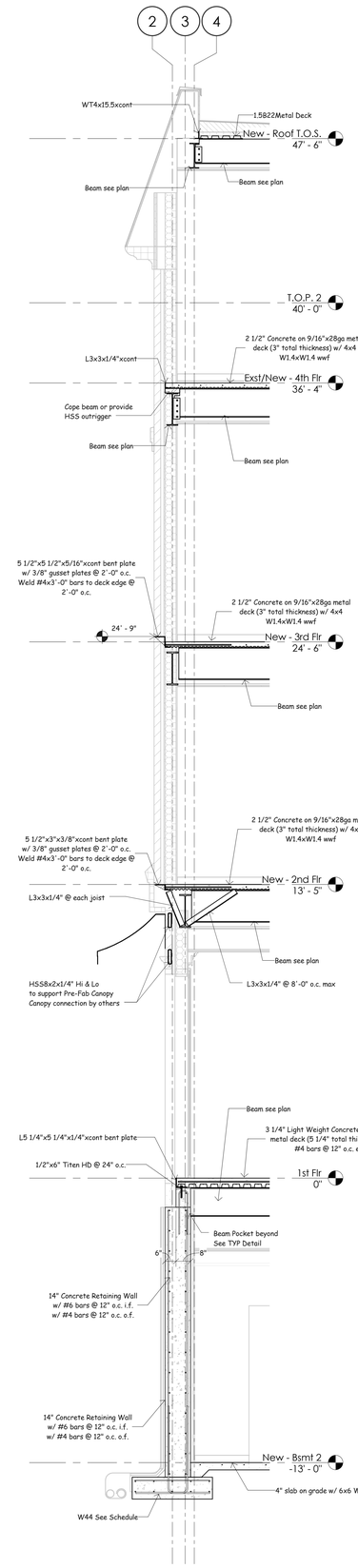
Section 5

3/8" = 1'-0"



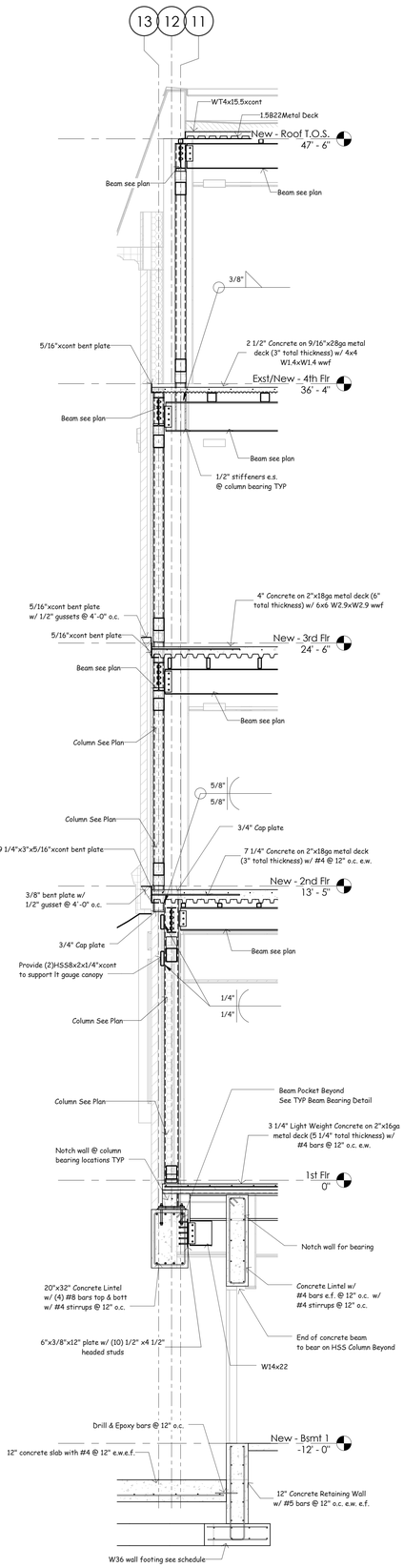
Section 1

3/4" = 1'-0"



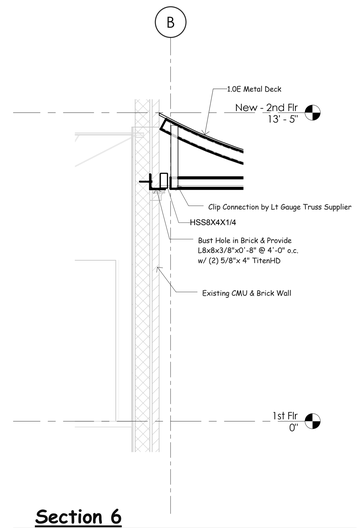
Section 2

3/8" = 1'-0"



Section 3

3/8" = 1'-0"



Section 6

3/8" = 1'-0"

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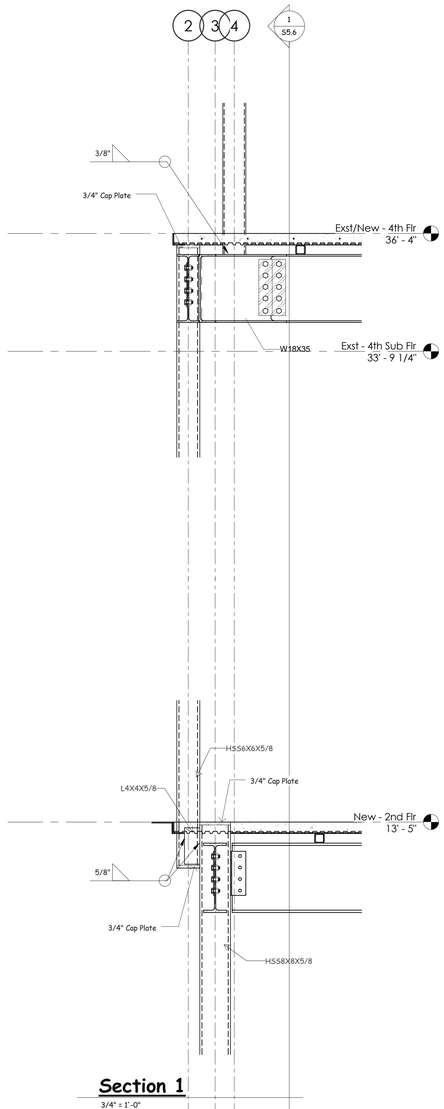
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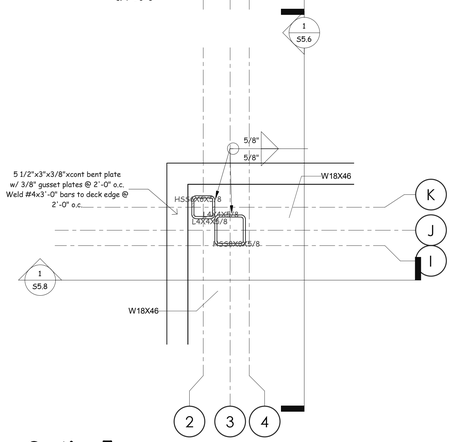
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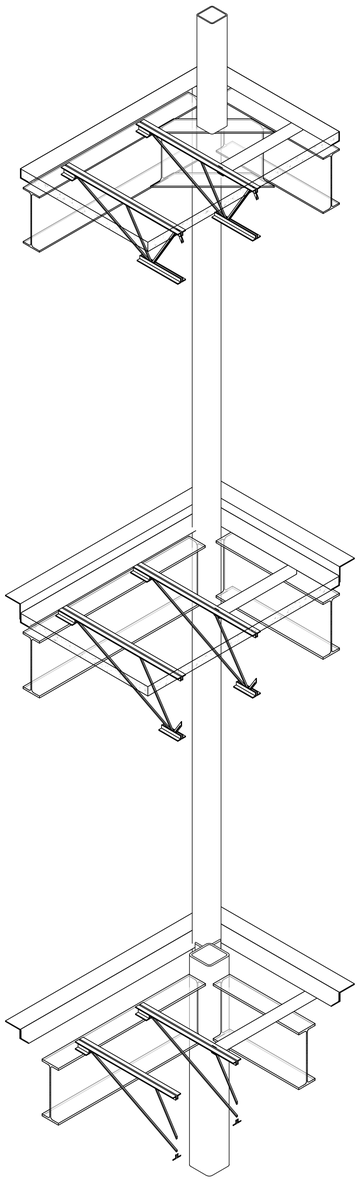
Section 1

3/4" = 1'-0"

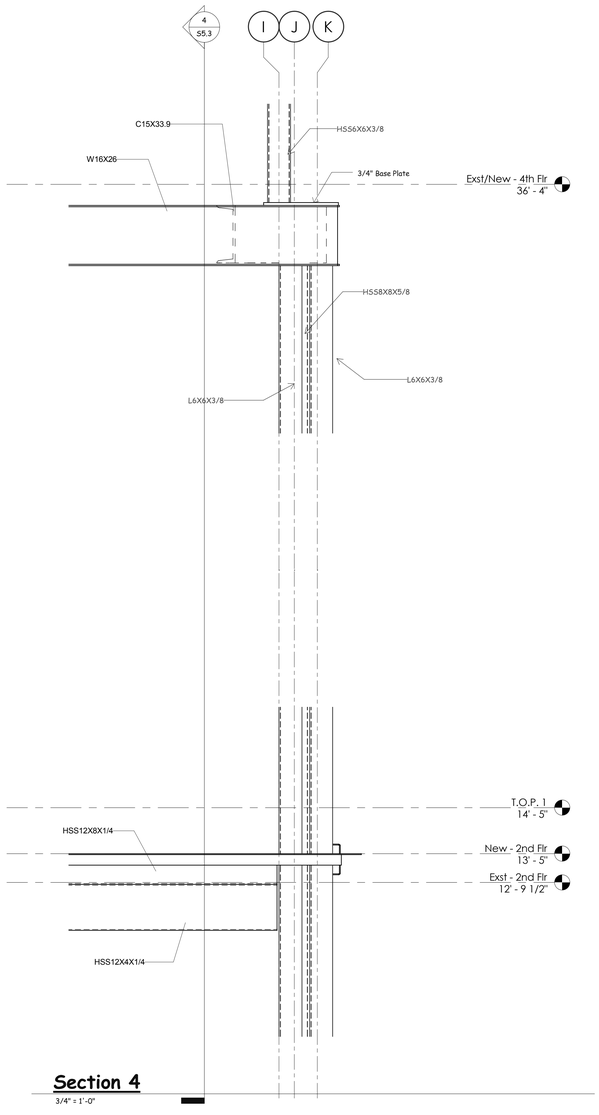


Section 5

3/4" = 1'-0"

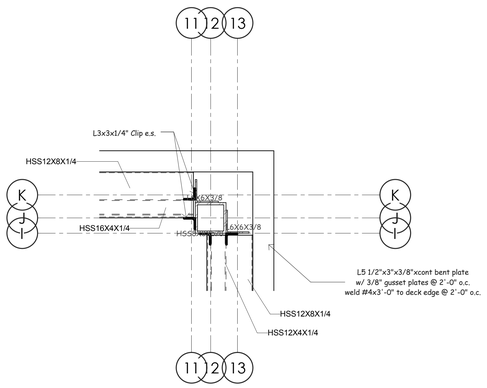


NW Corner Iso



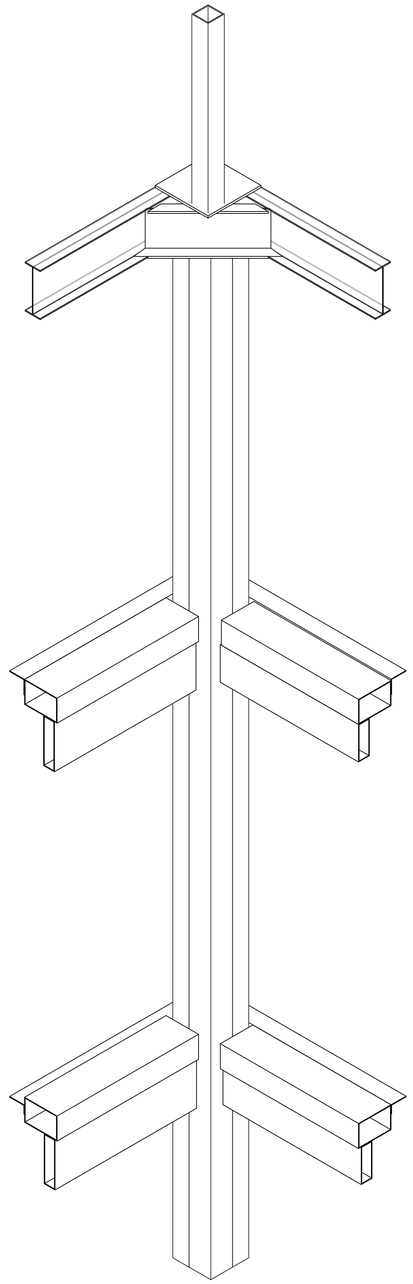
Section 4

3/4" = 1'-0"



Section 3

3/4" = 1'-0"



NE Corner Iso

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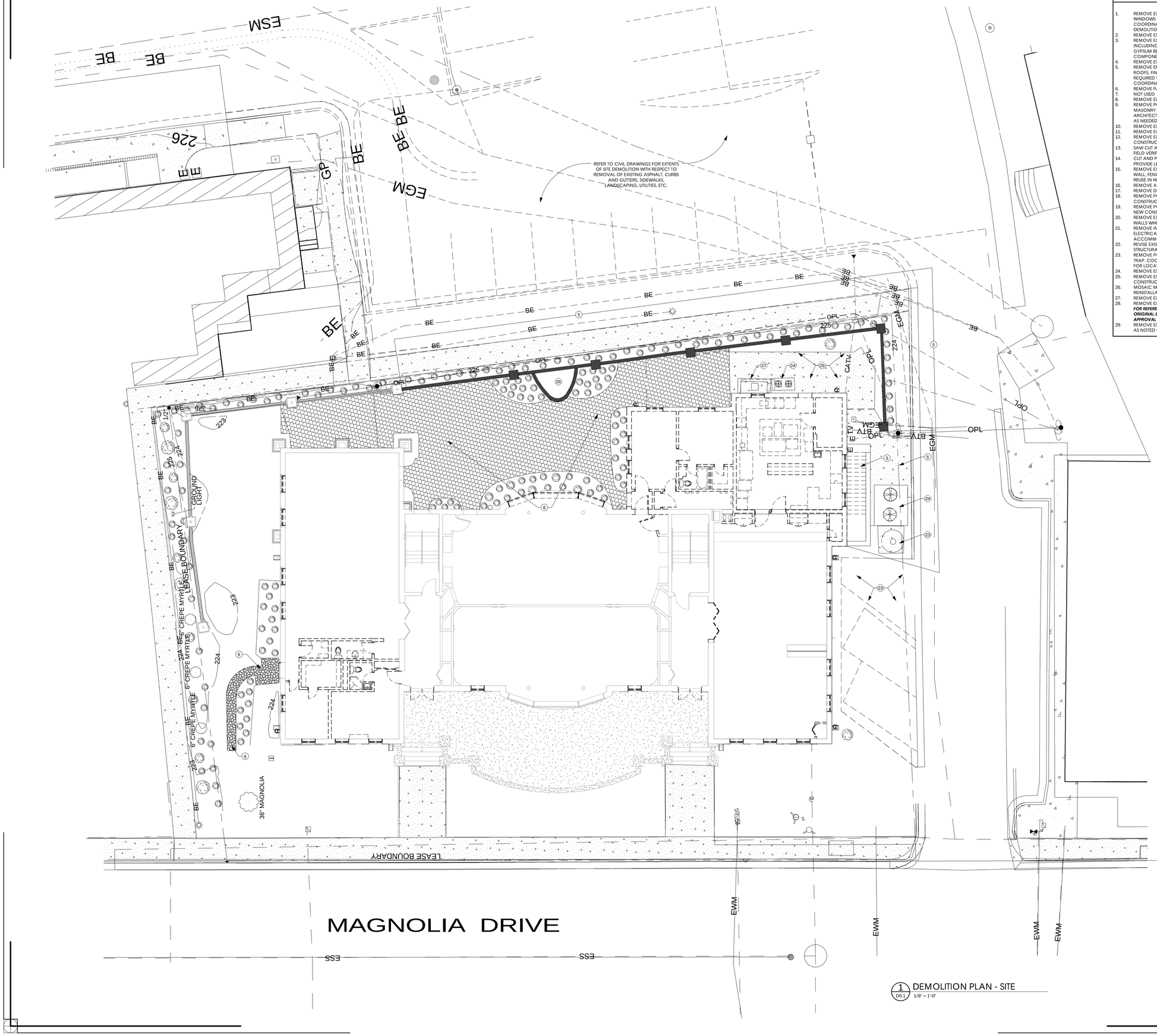
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Section Cuts & Details

SHEET NUMBER S5.8

1/17/2013 2:08:34 PM



1 D0.1 DEMOLITION PLAN - SITE
1/8" = 1'-0"

DEMOLITION KEYNOTES:

1. REMOVE EXISTING WALL COMPLETE INCLUDING BUT NOT LIMITED TO EXISTING, WINDOWS DOORS AND FRAMES, BASE MATERIALS, PLUGS AND SWITCHES, ETC... COORDINATE REMOVAL OF ALL PLUMBING, MECHANICAL AND ELECTRICAL DEMOLITION PLANS WITH NEW FLOOR PLANS.
2. REMOVE EXISTING BASE AND WALL CABINETS AND/OR MILLWORK COMPLETE.
3. REMOVE EXISTING CEILING COMPLETE TO EXPOSE EXISTING STRUCTURAL ABOVE, INCLUDING BUT NOT LIMITED TO LAY-IN/GYPSUM BOARD CEILING SYSTEM, GYPSUM BD SUB CEILING, LIGHTING, FINISHES, MECHANICAL AND ELECTRICAL COMPONENTS. PREP AREA FOR NEW FINISHES PER NEW PLANS.
4. REMOVE EXISTING WOOD WALL PANELS. PREP WALL FOR NEW CONSTRUCTION.
5. REMOVE ENTIRE STRUCTURE INCLUDING BUT NOT LIMITED TO FLOORS, WALLS, ROOFS, FINISHES, UNDERGROUND UTILITIES AND OTHER COMPONENTS AS REQUIRED TO ACCOMMODATE NEW PORTION OF BUILDING IN THIS AREA. COORDINATE WITH MEP DEMO NOTES.
6. REMOVE PAVERS AND LANDSCAPING COMPLETE.
7. NOT USED
8. REMOVE EXISTING FLOORING AND BASE.
9. REMOVE PORTION OF EXISTING CONCRETE SLAB INCLUDING VAPOR BARRIER, MASONRY FILL AND COMPACTED FILL. COORDINATE EXTENT WITH ARCHITECTURAL, STRUCTURAL AND CIVIL PLANS. PROVIDE TEMPORARY SHORING AS NEEDED.
10. REMOVE EXISTING DOOR AND FRAME. PREP FOR NEW CONSTRUCTION.
11. REMOVE EXISTING FURNISHINGS AND EQUIPMENT. STORE FOR FUTURE USE.
12. REMOVE EXISTING WINDOW. PREP FOR NEW WINDOW AND/OR NEW CONSTRUCTION. COORDINATE REMOVAL WITH PROJECT SCHEDULE.
13. SAW CUT AND REMOVE EXISTING SLAB TO ACCOMMODATE NEW CONSTRUCTION. FIELD VERIFY LOCATION OF SAW CUT. COORDINATE WITH STRUCTURAL.
14. CUT AND PATCH CEILING AS NECESSARY TO ACCOMMODATE NEW WORK. PROVIDE LEVEL 5 FINISH OF DRYWALL. PAINT.
15. REMOVE EXISTING PATIO AND SLAB BASE MATERIAL. REMOVE EXISTING PRIVACY WALL, FENCE AND PIERS INCLUDING ALL FOUNDATIONS. SALVAGE MATERIALS FOR REUSE IN NEW CONSTRUCTION WHERE POSSIBLE.
16. REMOVE AND REUSE EXISTING MILLWORK IN NEW CONSTRUCTION.
17. REMOVE DOOR. EXISTING FRAME TO REMAIN. PREP FRAME FOR NEW DOOR.
18. REMOVE PORTION OF EXISTING ROOFING SYSTEM TO ACCOMMODATE NEW CONSTRUCTION.
19. REMOVE PORTION OF MANSARD ROOF AND EIFS SYSTEMS TO ACCOMMODATE NEW CONSTRUCTION.
20. REMOVE EXISTING STEEL STAIR/LADDER ROOF ACCESS SYSTEM. PATCH ROOF AND WALLS WHERE NECESSARY TO MAINTAIN BUILDING INTEGRITY.
21. REMOVE INTERIOR WALLS, FLOORS, FINISHES, CEILING, MECHANICAL, PLUMBING, ELECTRICAL AND ALL OTHER INTERIOR CONSTRUCTION REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
22. REVISE EXISTING FLOOR SLAB FOR NEW DUCTWORK. SEE MECHANICAL AND STRUCTURAL.
23. REMOVE PORTION OF EXISTING CONCRETE PARKING AREA AND EXISTING GREASE TRAP. COORDINATE EXTENTS OF REMOVAL OF CONCRETE PARKING SLAB WITH MEP FOR LOCATION OF NEW GREASE TRAP.
24. REMOVE EXISTING HVAC UNIT COMPLETE.
25. REMOVE EXISTING CONCRETE SLAB/SITE PAVING TO ACCOMMODATE NEW CONSTRUCTION.
26. MOSAIC MASONRY ART - CAREFULLY REMOVE AND PRESERVE FOR REINSTALLATION.
27. REMOVE EXISTING AREAWAY TO ACCOMMODATE NEW CONSTRUCTION.
28. REMOVE EXISTING JULIET BALCONY. ***SALVAGE EXISTING DECORATIVE BRACKET(S) FOR REFERENCE IN MATCHING NEW JULIET BALCONY BRACKETS TO EXISTING. ORIGINAL BRACKETS MAY ONLY BE DISCARDED AFTER OWNER AND ARCHITECT'S APPROVAL OF NEW BRACKETS.***
29. REMOVE EXISTING SHUTTERS AND HARDWARE COMPLETE. PREP FOR NEW SHUTTERS AS NOTED ON DRAWINGS.

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Interior Renovations and Additions for:

Chi Omega Sorority

The University of Alabama Campus
UA Project Number 910-12-024
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

STATE OF ALABAMA
MICHAEL A. ELLIS
3692
REGISTERED ARCHITECT

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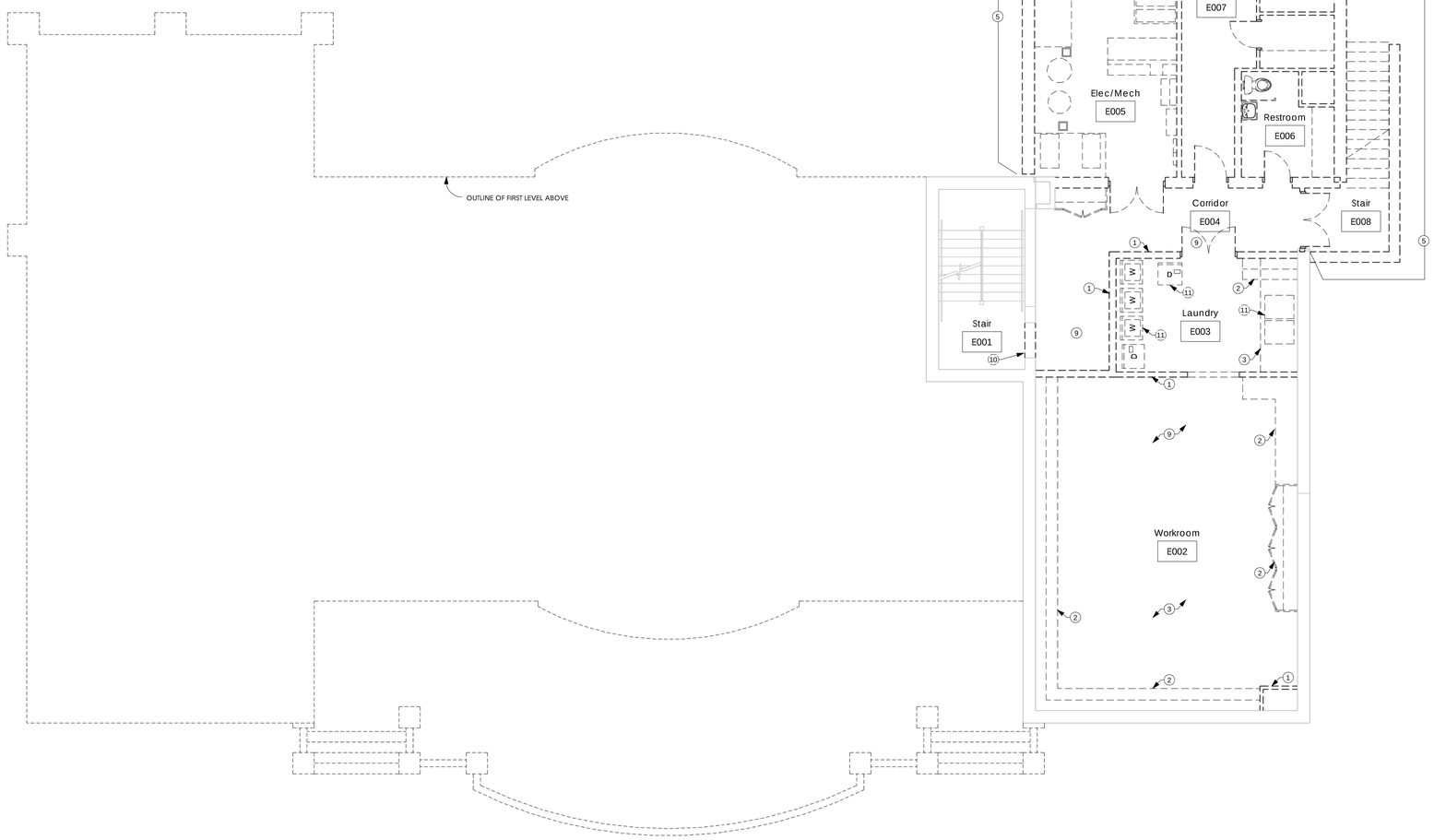
Site Demo Plan

SHEET NUMBER D0.1

1/18/2013 1:36:15 PM

DEMOLITION KEYNOTES:

1. REMOVE EXISTING WALL COMPLETE INCLUDING BUT NOT LIMITED TO EXISTING, WINDOWS DOORS AND FRAMES, BASE MATERIALS, PLUGS AND SWITCHES, ETC... COORDINATE REMOVAL OF ALL PLUMBING, MECHANICAL AND ELECTRICAL DEMOLITION PLANS WITH NEW FLOOR PLANS.
2. REMOVE EXISTING BASE AND WALL CABINETS AND/OR MILLWORK COMPLETE.
3. REMOVE EXISTING CEILING COMPLETE TO EXPOSE EXISTING STRUCTURAL ABOVE, INCLUDING BUT NOT LIMITED TO LAY-IN/GYPSUM BOARD CEILING SYSTEM, GYPSUM BD SUB CEILING, LIGHTING, FINISHES, MECHANICAL AND ELECTRICAL COMPONENTS. PREP AREA FOR NEW FINISHES PER NEW PLANS.
4. REMOVE EXISTING WOOD WALL PANELS. PREP WALL FOR NEW CONSTRUCTION.
5. REMOVE ENTIRE STRUCTURE INCLUDING BUT NOT LIMITED TO FLOORS, WALLS, ROOFS, FINISHES, UNDERGROUND UTILITIES AND OTHER COMPONENTS AS REQUIRED TO ACCOMMODATE NEW PORTION OF BUILDING IN THIS AREA. COORDINATE WITH MEP DEMO NOTES.
6. REMOVE PAVERS AND LANDSCAPING COMPLETE.
7. NOT USED
8. REMOVE EXISTING FLOORING AND BASE.
9. REMOVE PORTION OF EXISTING CONCRETE SLAB INCLUDING VAPOR BARRIER, MASONRY FILL AND COMPACTED FILL. COORDINATE EXTENT WITH ARCHITECTURAL, STRUCTURAL AND CIVIL PLANS. PROVIDE TEMPORARY SHORING AS NEEDED.
10. REMOVE EXISTING DOOR AND FRAME. PREP FOR NEW CONSTRUCTION.
11. REMOVE EXISTING FURNISHINGS AND EQUIPMENT. STORE FOR FUTURE USE.
12. REMOVE EXISTING WINDOW. PREP FOR NEW WINDOW AND/OR NEW CONSTRUCTION. COORDINATE REMOVAL WITH PROJECT SCHEDULE.
13. SAW CUT AND REMOVE EXISTING SLAB TO ACCOMMODATE NEW CONSTRUCTION. FIELD VERIFY LOCATION OF SAW CUT. COORDINATE WITH STRUCTURAL.
14. CUT AND PATCH CEILING AS NECESSARY TO ACCOMMODATE NEW WORK. PROVIDE LEVEL 5 FINISH OF DRYWALL. PAINT.
15. REMOVE EXISTING PATIO AND SLAB BASE MATERIAL. REMOVE EXISTING PRIVACY WALL, FENCE AND PIERS INCLUDING ALL FOUNDATIONS. SALVAGE MATERIALS FOR REUSE IN NEW CONSTRUCTION WHERE POSSIBLE.
16. REMOVE AND REUSE EXISTING MILLWORK IN NEW CONSTRUCTION.
17. REMOVE DOOR. EXISTING FRAME TO REMAIN. PREP FRAME FOR NEW DOOR.
18. REMOVE PORTION OF EXISTING ROOFING SYSTEM TO ACCOMMODATE NEW CONSTRUCTION.
19. REMOVE PORTION OF MANSARD ROOF AND EIFS SYSTEMS TO ACCOMMODATE NEW CONSTRUCTION.
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21. REMOVE INTERIOR WALLS, FLOORS, FINISHES, CEILING, MECHANICAL, PLUMBING, ELECTRICAL AND ALL OTHER INTERIOR CONSTRUCTION REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
22. REVISE EXISTING FLOOR SLAB FOR NEW DUCTWORK. SEE MECHANICAL AND STRUCTURAL.
23. REMOVE PORTION OF EXISTING CONCRETE PARKING AREA AND EXISTING GREASE TRAP. COORDINATE EXTENTS OF REMOVAL OF CONCRETE PARKING SLAB WITH MEP FOR LOCATION OF NEW GREASE TRAP.
24. REMOVE EXISTING HVAC UNIT COMPLETE.
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29. REMOVE EXISTING SHUTTERS AND HARDWARE COMPLETE. PREP FOR NEW SHUTTERS AS NOTED ON DRAWINGS.



1 D1.0 DEMOLITION PLAN - BASEMENT LEVEL
3/16" = 1'-0"

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The University of Alabama Campus
UA Project Number 910-12-024
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

STATE OF ALABAMA
MICHAEL A. ELLIS
3692
REGISTERED ARCHITECT

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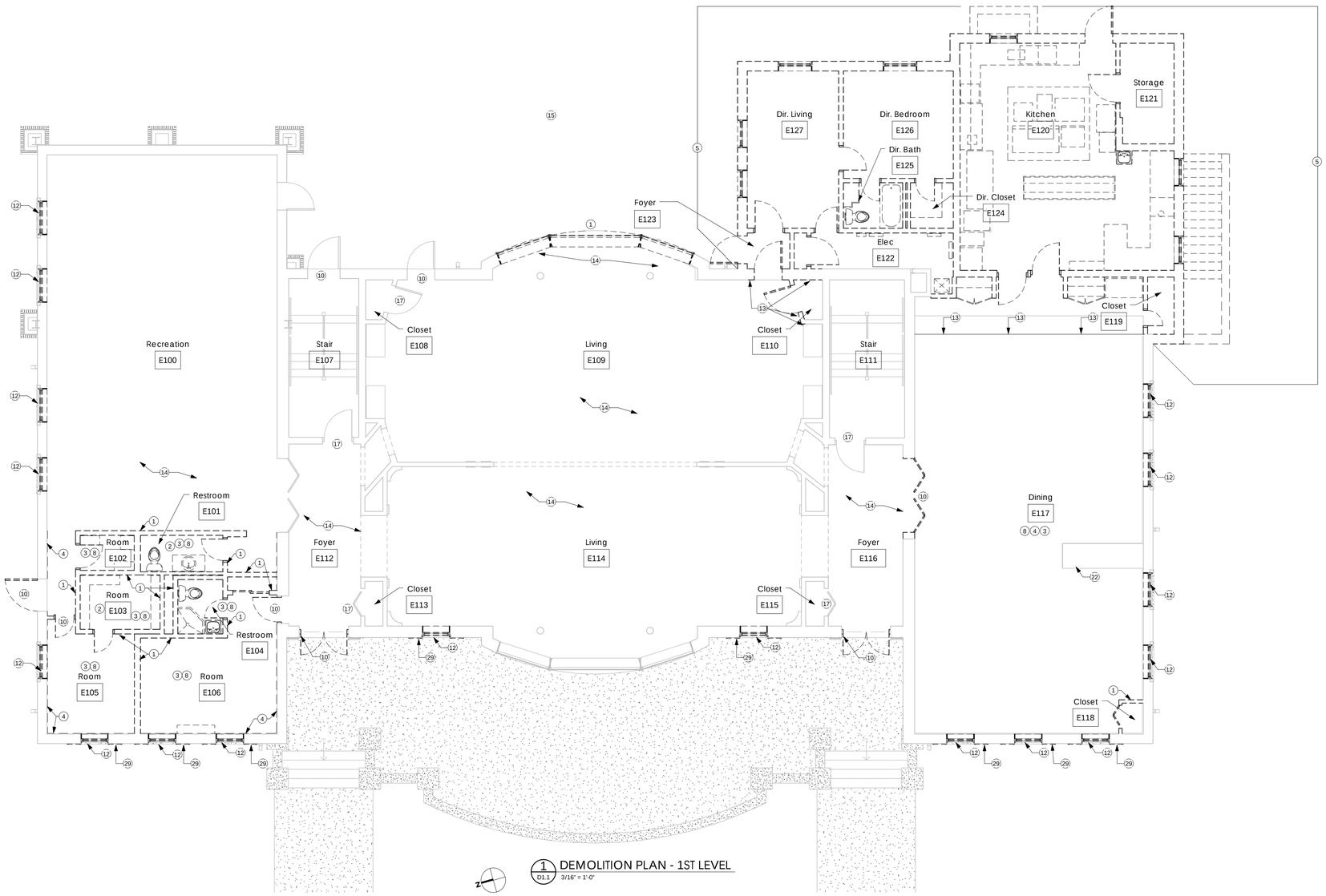
Demolition Plan Basement Level

SHEET NUMBER D1.0

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DEMOLITION KEYNOTES:

1. REMOVE EXISTING WALL COMPLETE INCLUDING BUT NOT LIMITED TO EXISTING, WINDOWS DOORS AND FRAMES, BASE MATERIALS, PLUGS AND SWITCHES, ETC... COORDINATE REMOVAL OF ALL PLUMBING, MECHANICAL AND ELECTRICAL DEMOLITION PLANS WITH NEW FLOOR PLANS.
2. REMOVE EXISTING BASE AND WALL CABINETS AND/OR MILLWORK COMPLETE.
3. REMOVE EXISTING CEILING COMPLETE TO EXPOSE EXISTING STRUCTURAL ABOVE, INCLUDING BUT NOT LIMITED TO LAY-IN/GYPSUM BOARD CEILING SYSTEM, GYPSUM BD SUB CEILING, LIGHTING, FINISHES, MECHANICAL AND ELECTRICAL COMPONENTS. PREP AREA FOR NEW FINISHES PER NEW PLANS.
4. REMOVE EXISTING WOOD WALL PANELS. PREP WALL FOR NEW CONSTRUCTION.
5. REMOVE ENTIRE STRUCTURE INCLUDING BUT NOT LIMITED TO FLOORS, WALLS, ROOFS, FINISHES, UNDERGROUND UTILITIES AND OTHER COMPONENTS AS REQUIRED TO ACCOMMODATE NEW PORTION OF BUILDING IN THIS AREA. COORDINATE WITH MEP DEMO NOTES.
6. REMOVE PAVERS AND LANDSCAPING COMPLETE.
7. NOT USED
8. REMOVE EXISTING FLOORING AND BASE.
9. REMOVE PORTION OF EXISTING CONCRETE SLAB INCLUDING VAPOR BARRIER, MASONRY FILL AND COMPACTED FILL. COORDINATE EXTENT WITH ARCHITECTURAL, STRUCTURAL AND CIVIL PLANS. PROVIDE TEMPORARY SHORING AS NEEDED.
10. REMOVE EXISTING DOOR AND FRAME. PREP FOR NEW CONSTRUCTION.
11. REMOVE EXISTING FURNISHINGS AND EQUIPMENT. STORE FOR FUTURE USE.
12. REMOVE EXISTING WINDOW. PREP FOR NEW WINDOW AND/OR NEW CONSTRUCTION. COORDINATE REMOVAL WITH PROJECT SCHEDULE.
13. SAW CUT AND REMOVE EXISTING SLAB TO ACCOMMODATE NEW CONSTRUCTION. FIELD VERIFY LOCATION OF SAW CUT. COORDINATE WITH STRUCTURAL.
14. CUT AND PATCH CEILING AS NECESSARY TO ACCOMMODATE NEW WORK. PROVIDE LEVEL 5 FINISH OF DRYWALL. PAINT.
15. REMOVE EXISTING PATIO AND SLAB BASE MATERIAL. REMOVE EXISTING PRIVACY WALL, FENCE AND PIERS INCLUDING ALL FOUNDATIONS. SALVAGE MATERIALS FOR REUSE IN NEW CONSTRUCTION WHERE POSSIBLE.
16. REMOVE AND REUSE EXISTING MILLWORK IN NEW CONSTRUCTION.
17. REMOVE DOOR. EXISTING FRAME TO REMAIN. PREP FRAME FOR NEW DOOR.
18. REMOVE PORTION OF EXISTING ROOFING SYSTEM TO ACCOMMODATE NEW CONSTRUCTION.
19. REMOVE PORTION OF MANSARD ROOF AND EIFS SYSTEMS TO ACCOMMODATE NEW CONSTRUCTION.
20. REMOVE EXISTING STEEL STAIR/LADDER ROOF ACCESS SYSTEM. PATCH ROOF AND WALLS WHERE NECESSARY TO MAINTAIN BUILDING INTEGRITY.
21. REMOVE INTERIOR WALLS, FLOORS, FINISHES, CEILING, MECHANICAL, PLUMBING, ELECTRICAL AND ALL OTHER INTERIOR CONSTRUCTION REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
22. REVISE EXISTING FLOOR SLAB FOR NEW DUCTWORK. SEE MECHANICAL AND STRUCTURAL.
23. REMOVE PORTION OF EXISTING CONCRETE PARKING AREA AND EXISTING GREASE TRAP. COORDINATE EXTENTS OF REMOVAL OF CONCRETE PARKING SLAB WITH MEP FOR LOCATION OF NEW GREASE TRAP.
24. REMOVE EXISTING HVAC UNIT COMPLETE.
25. REMOVE EXISTING CONCRETE SLAB/SITE PAVING TO ACCOMMODATE NEW CONSTRUCTION.
26. MOSAIC MASONRY ART - CAREFULLY REMOVE AND PRESERVE FOR REINSTALLATION.
27. REMOVE EXISTING AREAWAY TO ACCOMMODATE NEW CONSTRUCTION.
28. REMOVE EXISTING JULIET BALCONY. ***SALVAGE EXISTING DECORATIVE BRACKET(S) FOR REFERENCE IN MATCHING NEW JULIET BALCONY BRACKETS TO EXISTING. ORIGINAL BRACKETS MAY ONLY BE DISCARDED AFTER OWNER AND ARCHITECT'S APPROVAL OF NEW BRACKETS.***
29. REMOVE EXISTING SHUTTERS AND HARDWARE COMPLETE. PREP FOR NEW SHUTTERS AS NOTED ON DRAWINGS.



1 D1.1 DEMOLITION PLAN - 1ST LEVEL
3/16" = 1'-0"

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Interior Renovations and Additions for:

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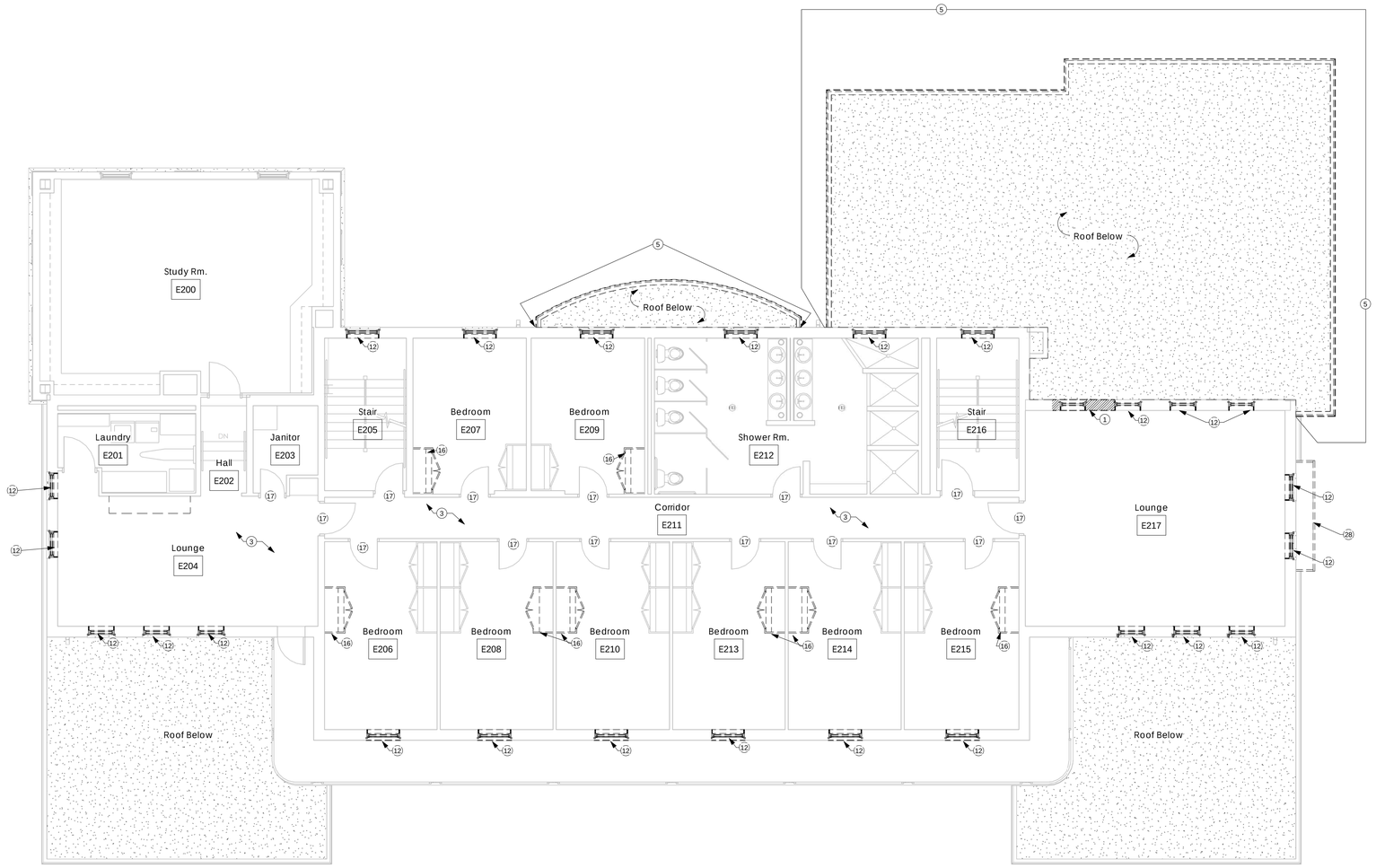
Demolition Plan 1st Level

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4. REMOVE EXISTING WOOD WALL PANELS. PREP WALL FOR NEW CONSTRUCTION.
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1 D1.2 DEMOLITION PLAN - 2ND LEVEL
3/16" = 1'-0"

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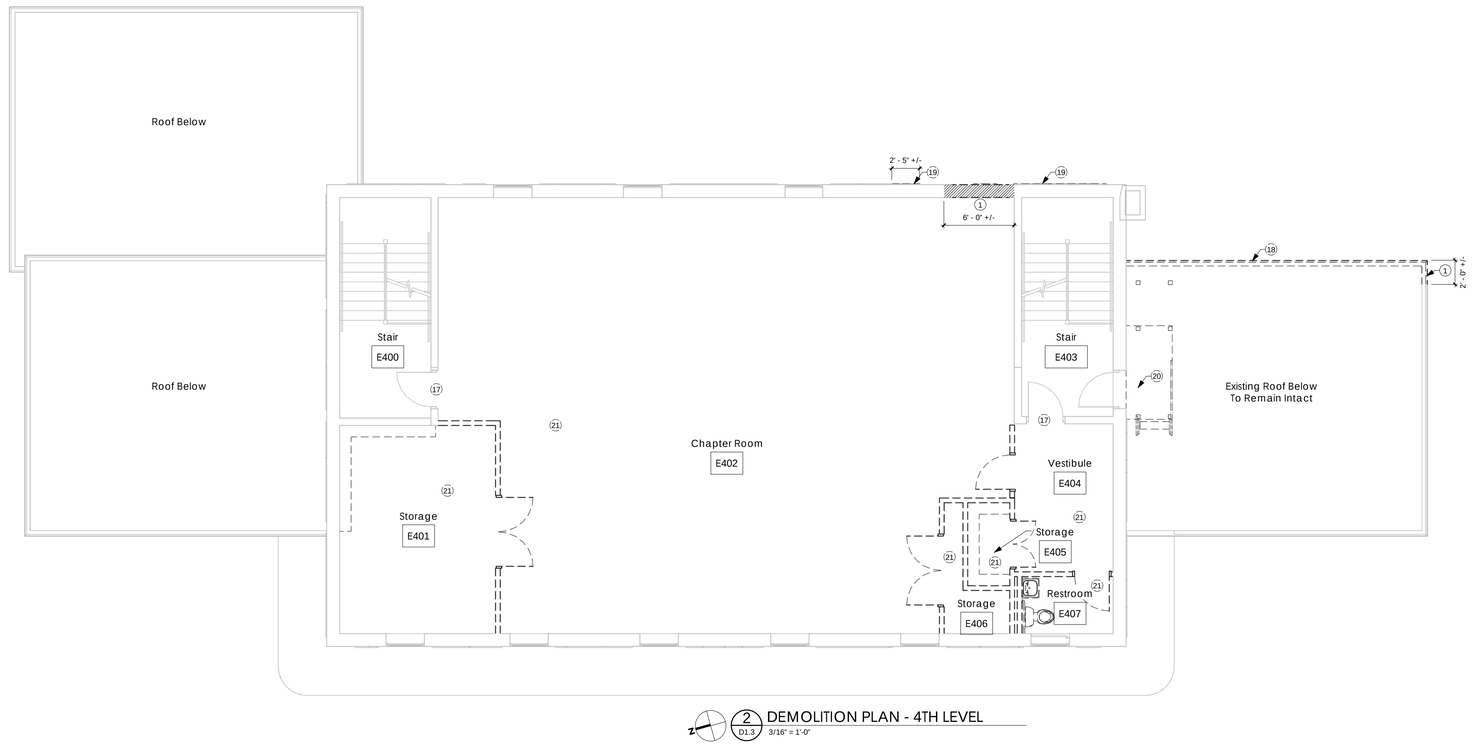
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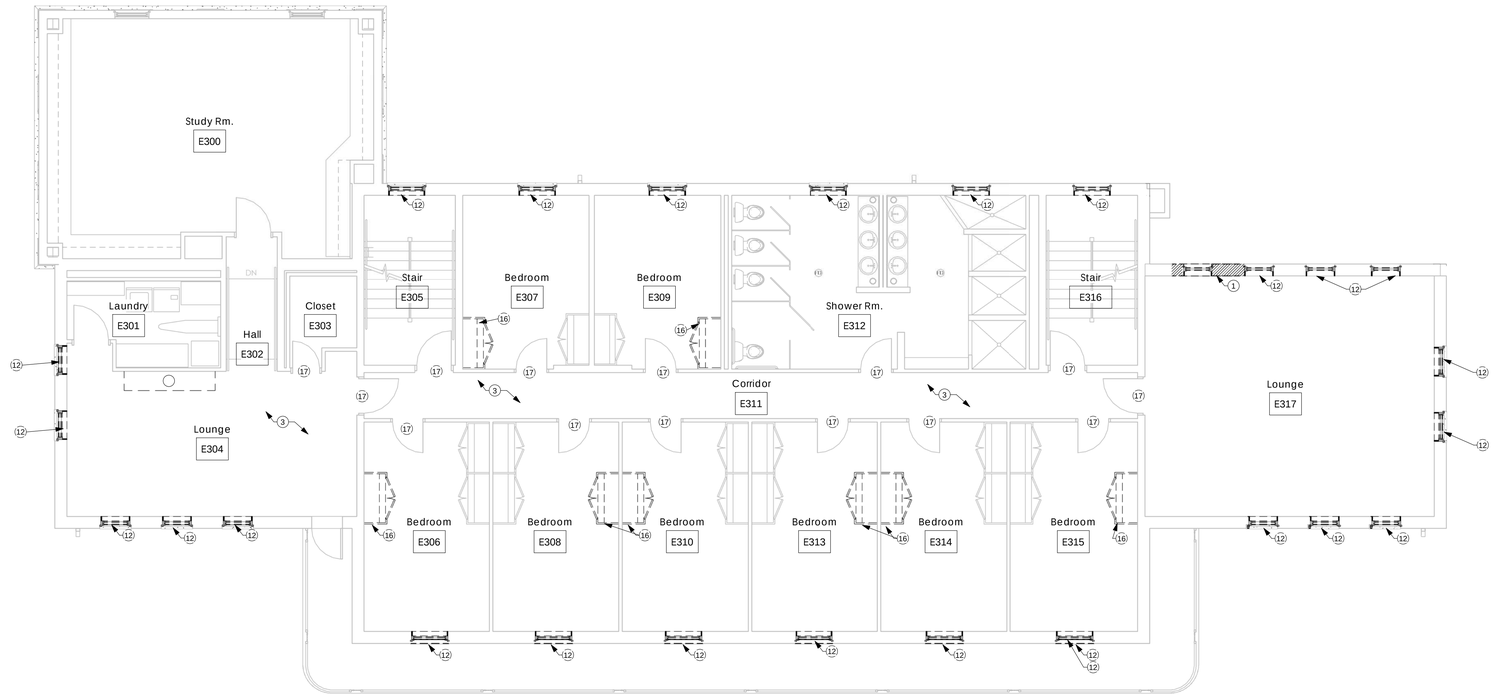
Demolition Plan 2nd Level

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2 DEMOLITION PLAN - 4TH LEVEL
D1.3 3/16" = 1'-0"



1 DEMOLITION PLAN - 3RD LEVEL
D1.3 3/16" = 1'-0"

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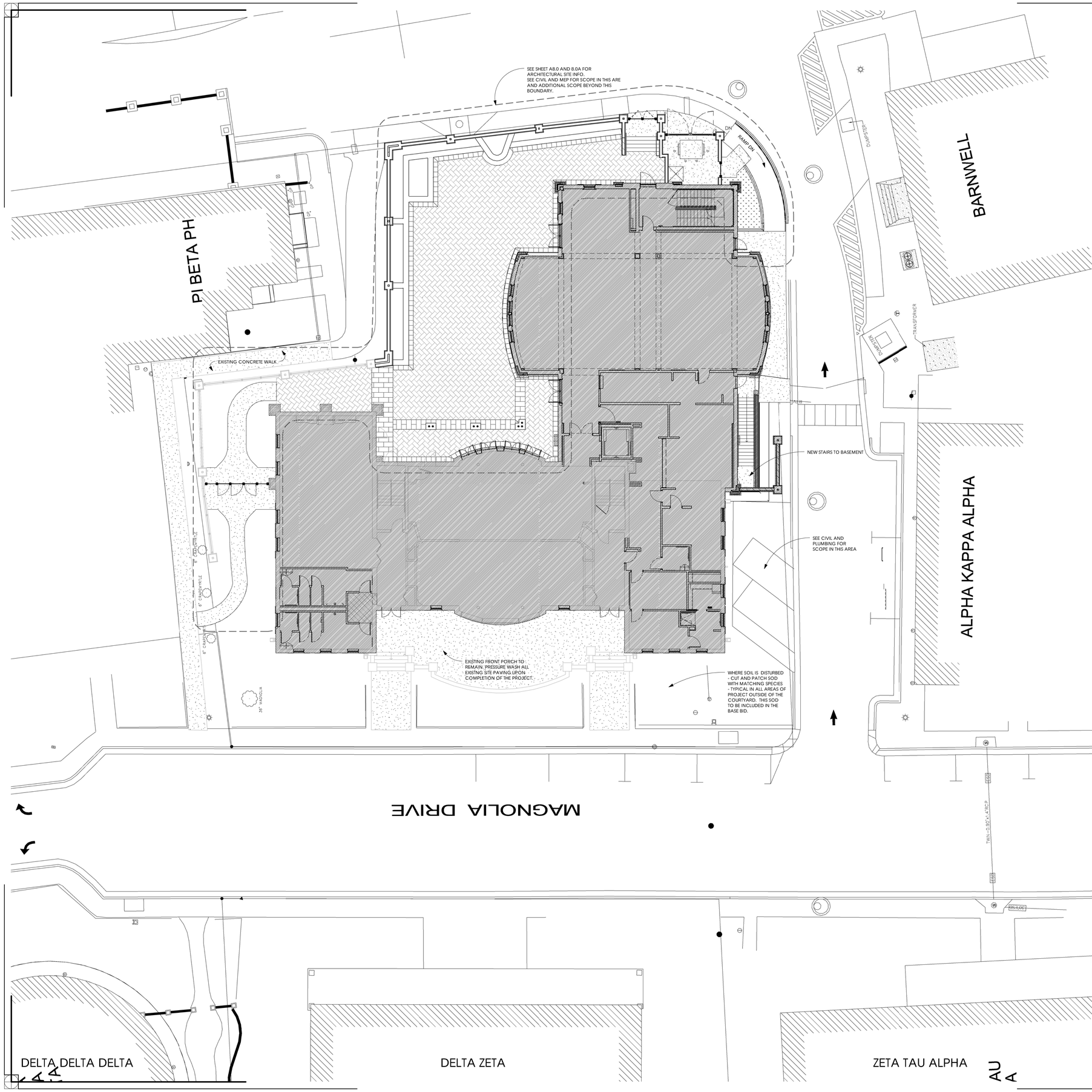
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Demolition Plan 3rd & 4th Level

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Architectural Site Plan

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1 A0.2 Corner of Magnolia Dr. and Access Rd.



5 A0.2 Southwest View along Access Rd.



3 A0.2 View from South @ Access Rd. and Parking Lot



4 A0.2 Exterior Courtyard 1



2 A0.2 View from East

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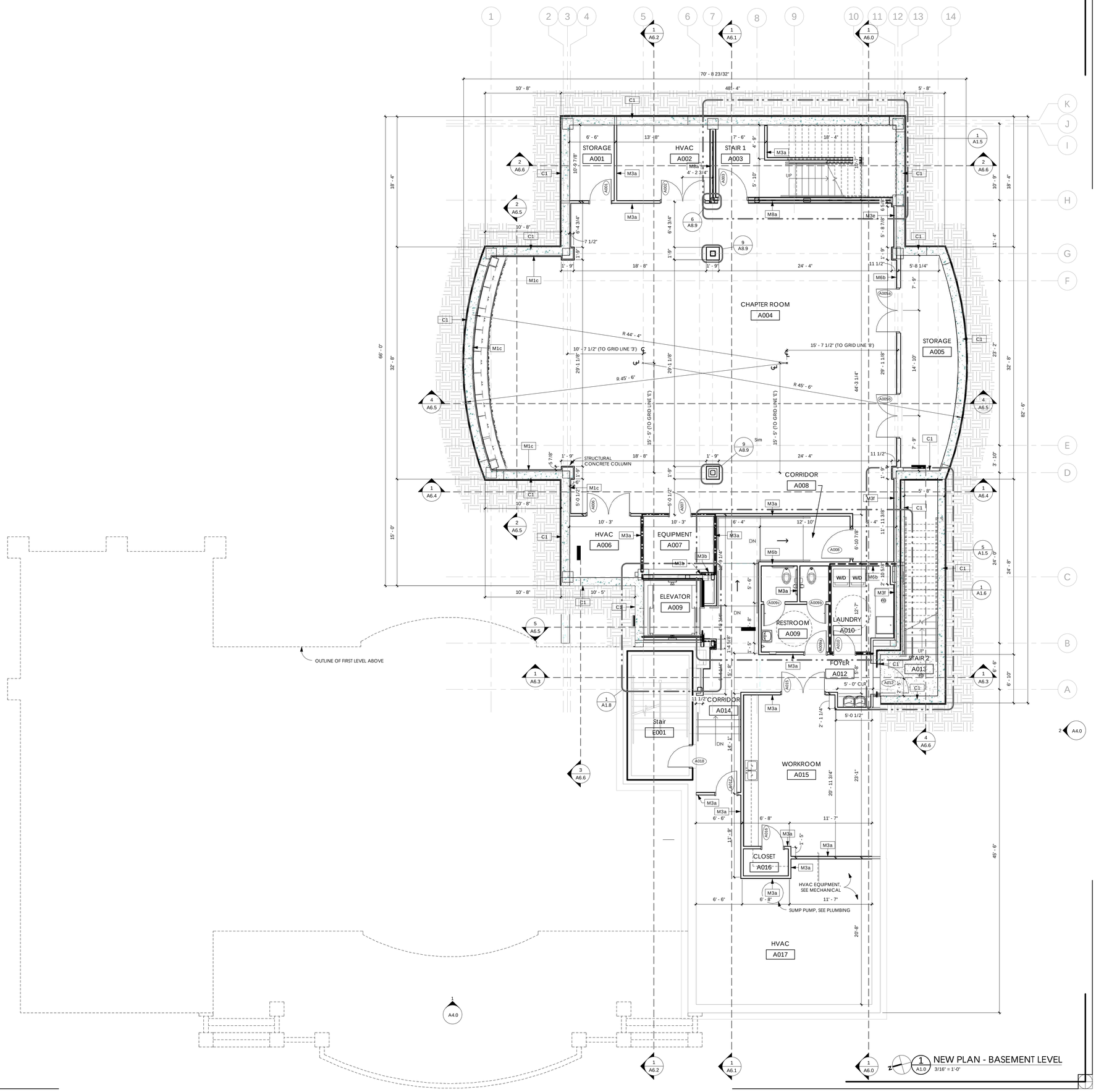
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3-D Views

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TYPICAL DOOR LOCATION & CLEARANCES (U.N.O.)

N.T.S.

WALL TYPE LEGEND

- INDICATES STUD WALL - SEE WALL TYPES SHEET A1.9 FOR SIZES AND SPACING. SEE PLAN SHEET FOR TAGS.
- INDICATES REINFORCED CONCRETE WALL AND/OR PILASTER W/ METAL/ GYP. FURRING - SEE STRUCTURAL DRAWINGS AND WALL TYPES SHEET A1.9 FOR SIZES AND SPACING. SEE PLAN SHEET FOR TAGS.
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SPECIAL NOTES

1. COORDINATE ALL DIMENSIONS SHOWN W/ STRUCTURAL PRIOR TO BID.
2. REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR FULL EXTENT OF WORK RELATIVE TO THESE SYSTEMS.

NEW PLAN - BASEMENT LEVEL

3/16" = 1'-0"

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New Plan - Basement Level

SHEET NUMBER A1.0

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WALL TYPE LEGEND

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SPECIAL NOTES

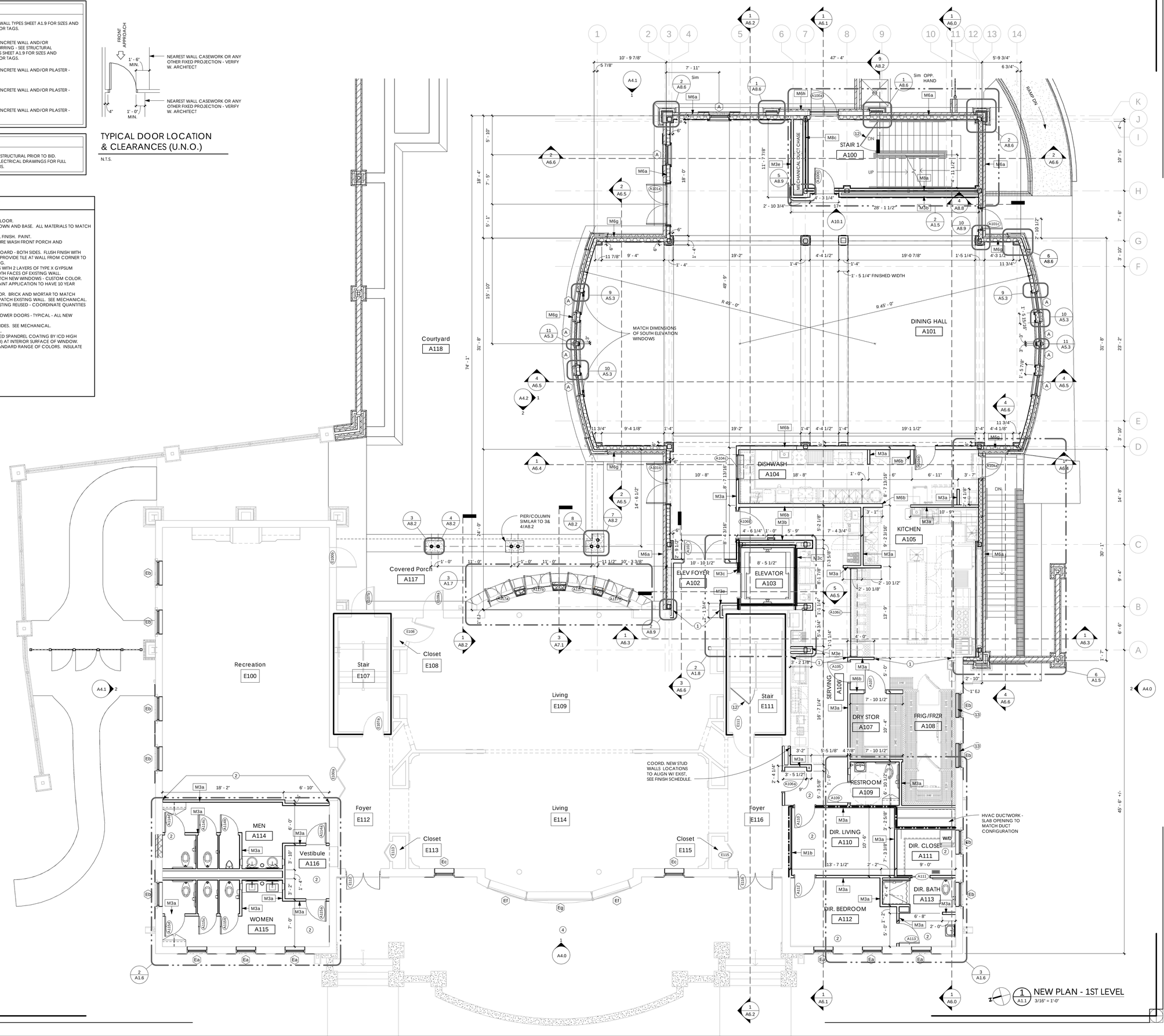
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CONSTRUCTION KEYNOTES:

1. 1" EXPANSION JOINT AT WALL, CEILING AND FLOOR.
2. INSTALL AND PAINT WOOD WALL PANELS, CROWN AND BASE. ALL MATERIALS TO MATCH EXISTING IN THIS ROOM.
3. EXISTING WALLS TO RECEIVE LEVEL 5 DRYWALL FINISH. PAINT.
4. UPON COMPLETION OF THE PROJECT - PRESSURE WASH FRONT PORCH AND SIDEWALKS.
5. INFILL WALL WITH METAL STUD AND GYPSUM BOARD - BOTH SIDES. FLUSH FINISH WITH BOTH FACES OF EXISTING WALL. AT SHOWER, PROVIDE TILE AT WALL FROM CORNER TO CORNER. TILE AND GROUT TO MATCH EXISTING.
6. PROVIDE 2 HOUR RATED INFILL - METALS STUDS WITH 2 LAYERS OF TYPE X GYPSUM BOARD ON BOTH SIDES. FLUSH FINISH WITH BOTH FACES OF EXISTING WALL.
7. PAINT EXISTING PREFINISHED WINDOW TO MATCH NEW WINDOWS - CUSTOM COLOR. PAINT TO BE COMPATIBLE WITH SUBSTRATE. PAINT APPLICATION TO HAVE 10 YEAR WARRANTY AGAINST PEELING AND FADING.
8. PATCH EXISTING WALL - INTERIOR AND EXTERIOR. BRICK AND MORTAR TO MATCH EXISTING. USE WHOLE SALVAGED BRICKS TO PATCH EXISTING WALL. SEE MECHANICAL.
9. TYPICAL MILLWORK WARDROBE - NEW OR EXISTING REUSED - COORDINATE QUANTITIES WITH DEMO PLANS.
10. GLASS SHOWER DOORS - MATCH EXISTING SHOWER DOORS - TYPICAL - ALL NEW SHOWERS ON 2ND, 3RD AND 4TH FLOORS.
11. PROVIDE 2 HOUR RATED WALL PATCH, BOTH SIDES. SEE MECHANICAL.
12. STAIR GATE - SEE LIFE SAFETY SHEET FOR DETAIL.
13. PROVIDE OPAQUE DARK GRAY SILICONE BASED SPANDREL COATING BY ICD HIGH PERFORMANCE COATINGS (OPACI-COAT-300) AT INTERIOR SURFACE OF WINDOW. COLOR AS SELECTED BY ARCHITECT FROM STANDARD RANGE OF COLORS. INSULATE WALL BEHIND WINDOW.

TYPICAL DOOR LOCATION & CLEARANCES (U.N.O.)

N.T.S.



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Interior Renovations and Additions for:

Chi Omega Sorority

The University of Alabama Campus
UA Project Number 910-12-024
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

STATE OF ALABAMA
MICHAEL A. ELLIS
3692
REGISTERED ARCHITECT

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JOB No.	11039
DATE:	REV DATE:
01/18/2013	-
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New Plan - 1st Level

SHEET NUMBER A1.1

1/18/2013 3:18:03 PM

WALL TYPE LEGEND

	INDICATES STUD WALL - SEE WALL TYPES SHEET A1.9 FOR SIZES AND SPACING. SEE PLAN SHEET FOR TAGS.
	INDICATES REINFORCED CONCRETE WALL AND/OR PILASTER W/ METAL/ GYP. FURRING - SEE STRUCTURAL DRAWINGS AND WALL TYPES SHEET A1.9 FOR SIZES AND SPACING. SEE PLAN SHEET FOR TAGS.
	INDICATES REINFORCED CONCRETE WALL AND/OR PILASTER - SEE STRUCTURAL DRAWINGS
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	INDICATES REINFORCED CONCRETE WALL AND/OR PILASTER - SEE STRUCTURAL DRAWINGS

SPECIAL NOTES

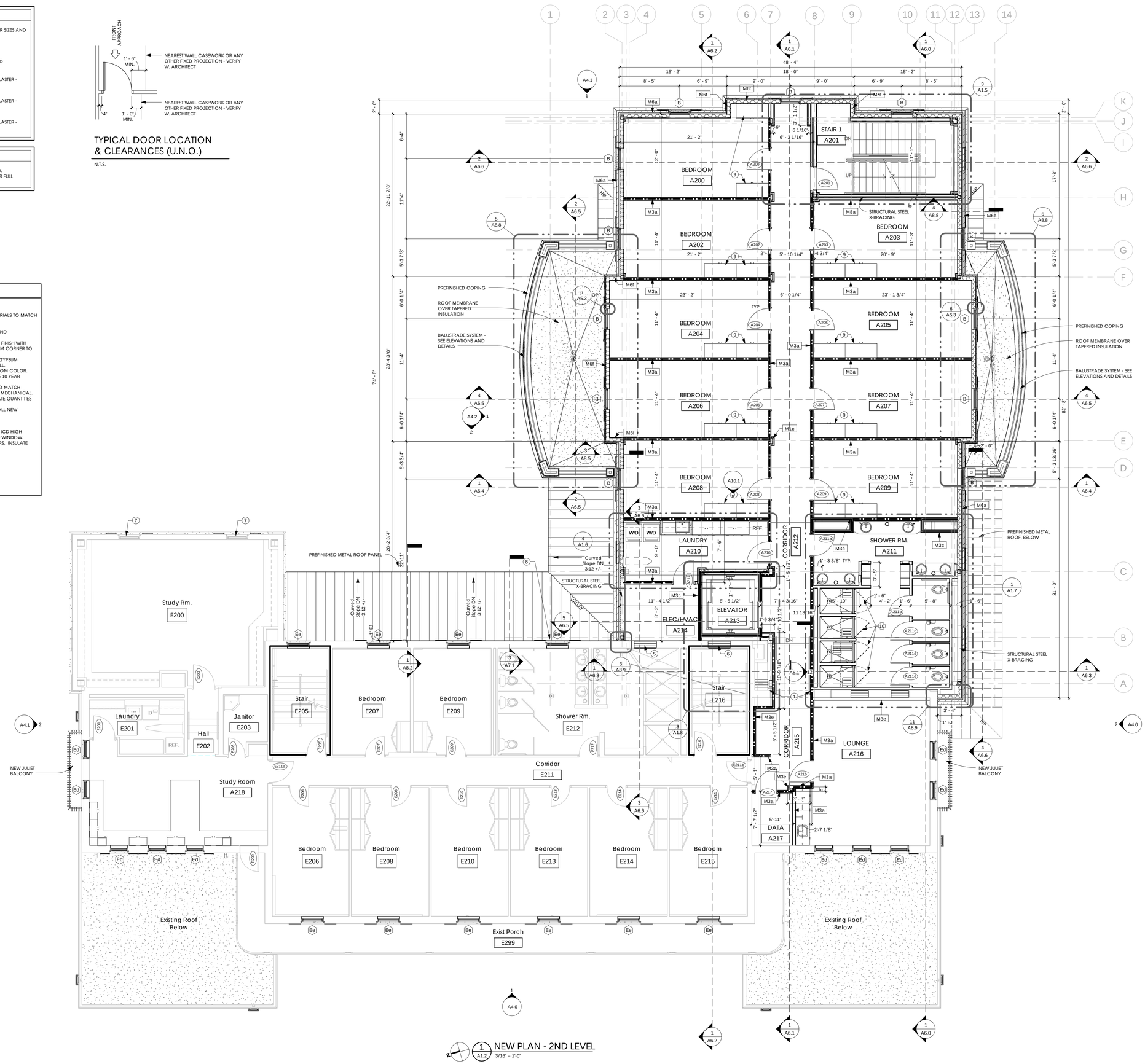
1. COORDINATE ALL DIMENSIONS SHOWN W/ STRUCTURAL PRIOR TO BID.
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2. INSTALL AND PAINT WOOD WALL PANELS, CROWN AND BASE. ALL MATERIALS TO MATCH EXISTING IN THIS ROOM.
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TYPICAL DOOR LOCATION & CLEARANCES (U.N.O.)

N.T.S.



1 NEW PLAN - 2ND LEVEL
A1.2 3/16" = 1'-0"

1/18/2013 3:18:25 PM

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DATE:	REV DATE:
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New Plan - 2nd Level

SHEET NUMBER A1.2

WALL TYPE LEGEND

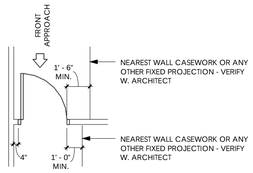
	INDICATES STUD WALL - SEE WALL TYPES SHEET A1.9 FOR SIZES AND SPACING. SEE PLAN SHEET FOR TAGS.
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	INDICATES REINFORCED CONCRETE WALL AND/OR PILASTER - SEE STRUCTURAL DRAWINGS

SPECIAL NOTES

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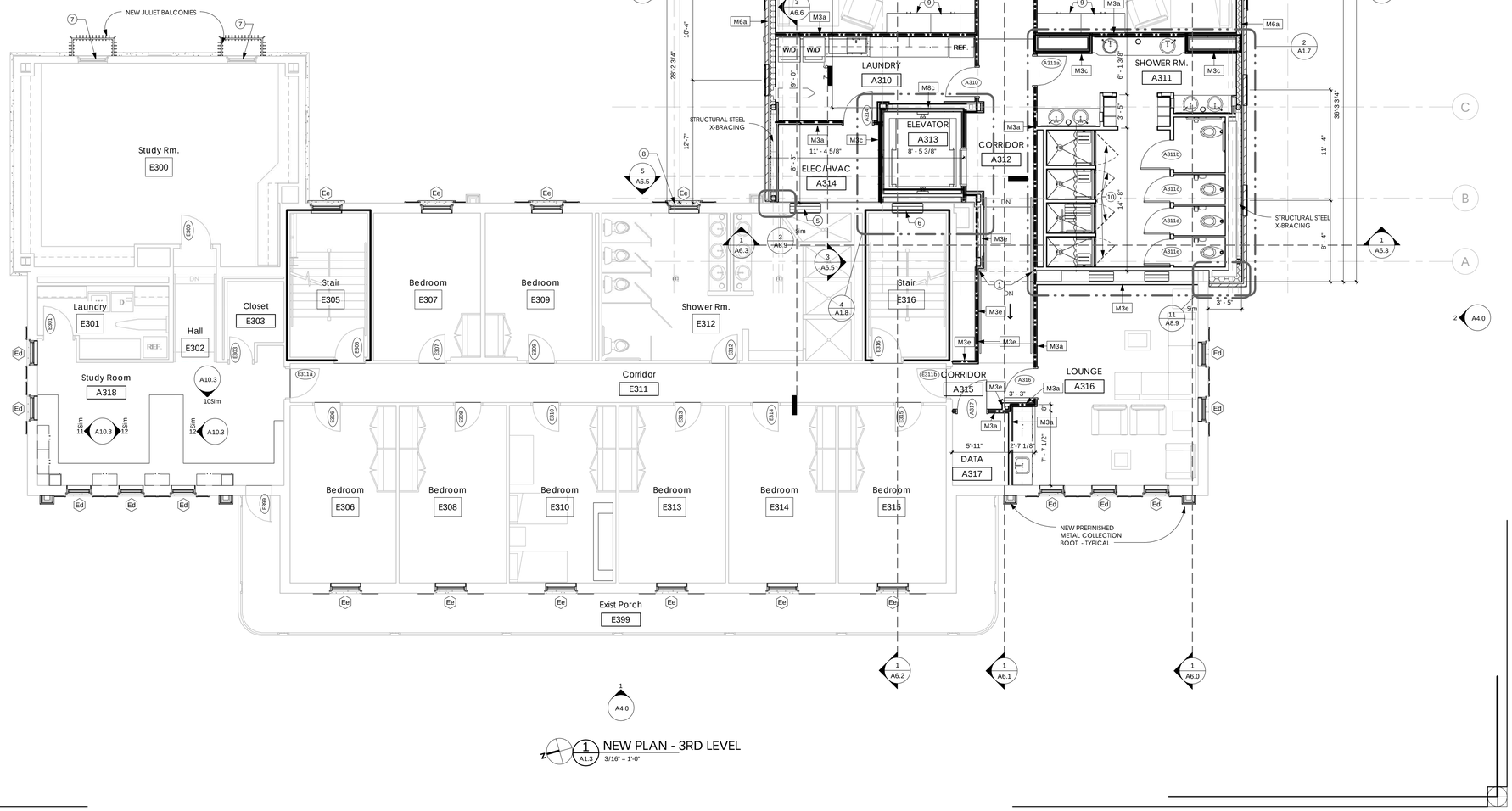
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TYPICAL DOOR LOCATION & CLEARANCES (U.N.O.)

N.T.S.



1 NEW PLAN - 3RD LEVEL
A1.3 3/16" = 1'-0"

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DATE:	REV DATE:
01/18/2013	-
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New Plan - 3rd Level

SHEET NUMBER A1.3

1/18/2013 3:18:48 PM

WALL TYPE LEGEND

- INDICATES STUD WALL - SEE WALL TYPES SHEET A1.9 FOR SIZES AND SPACING. SEE PLAN SHEET FOR TAGS.
- INDICATES REINFORCED CONCRETE WALL AND/OR PILASTER W/ METAL/ GYP. FURRING - SEE STRUCTURAL DRAWINGS AND WALL TYPES SHEET A1.9 FOR SIZES AND SPACING. SEE PLAN SHEET FOR TAGS.
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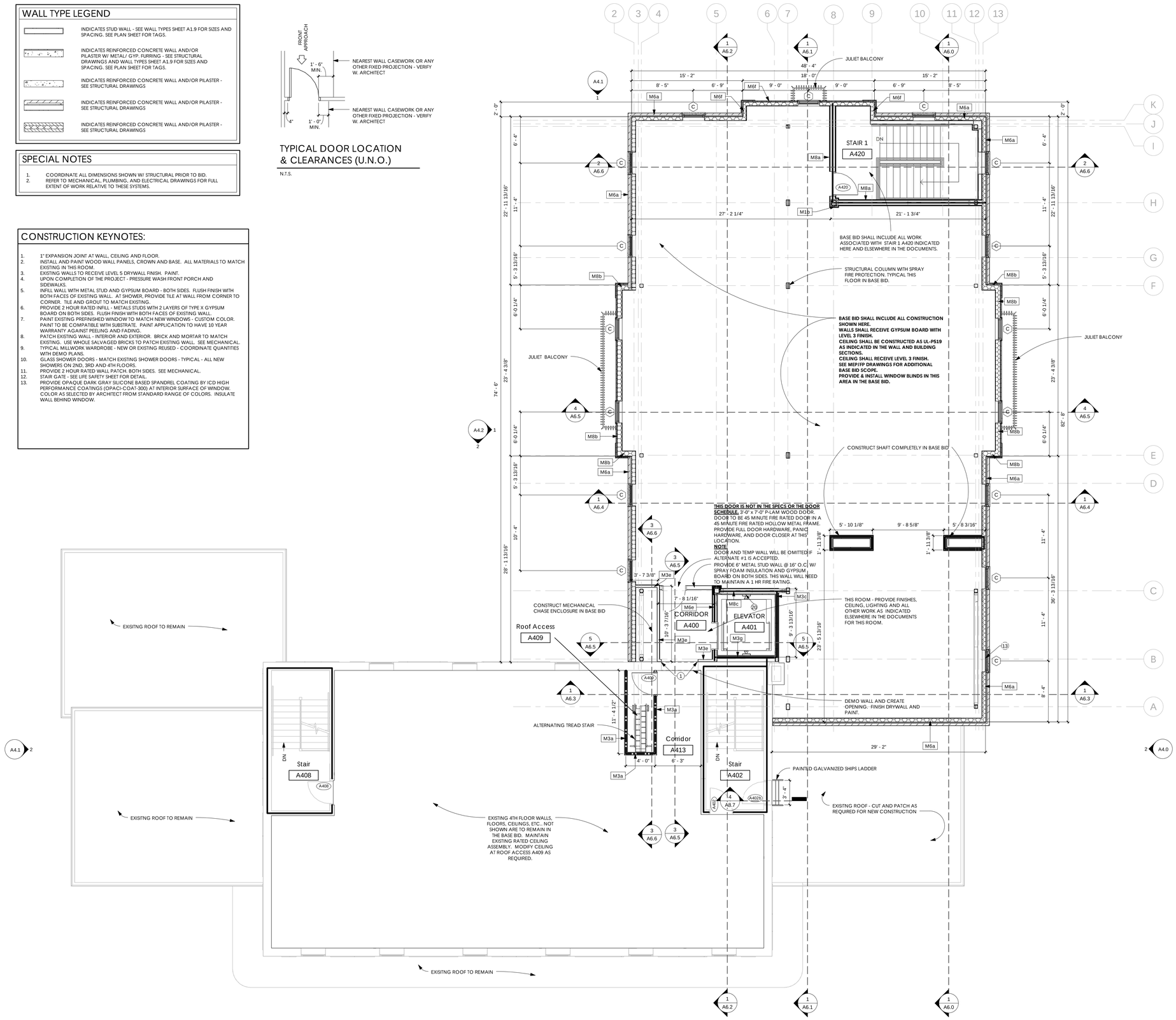
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TYPICAL DOOR LOCATION & CLEARANCES (U.N.O.)

N.T.S.



1 A4.0 / 2 — 1 NEW PLAN - 4TH LEVEL (BASE BID) (A1.4) 3/16" = 1'-0"

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DATE:	REV DATE:
01/18/2013	-
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New Plan - 4th Level - Base Bid

SHEET NUMBER A1.4

1/18/2013 3:19:07 PM

WALL TYPE LEGEND

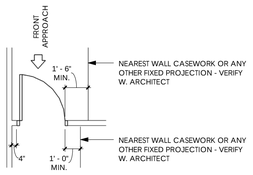
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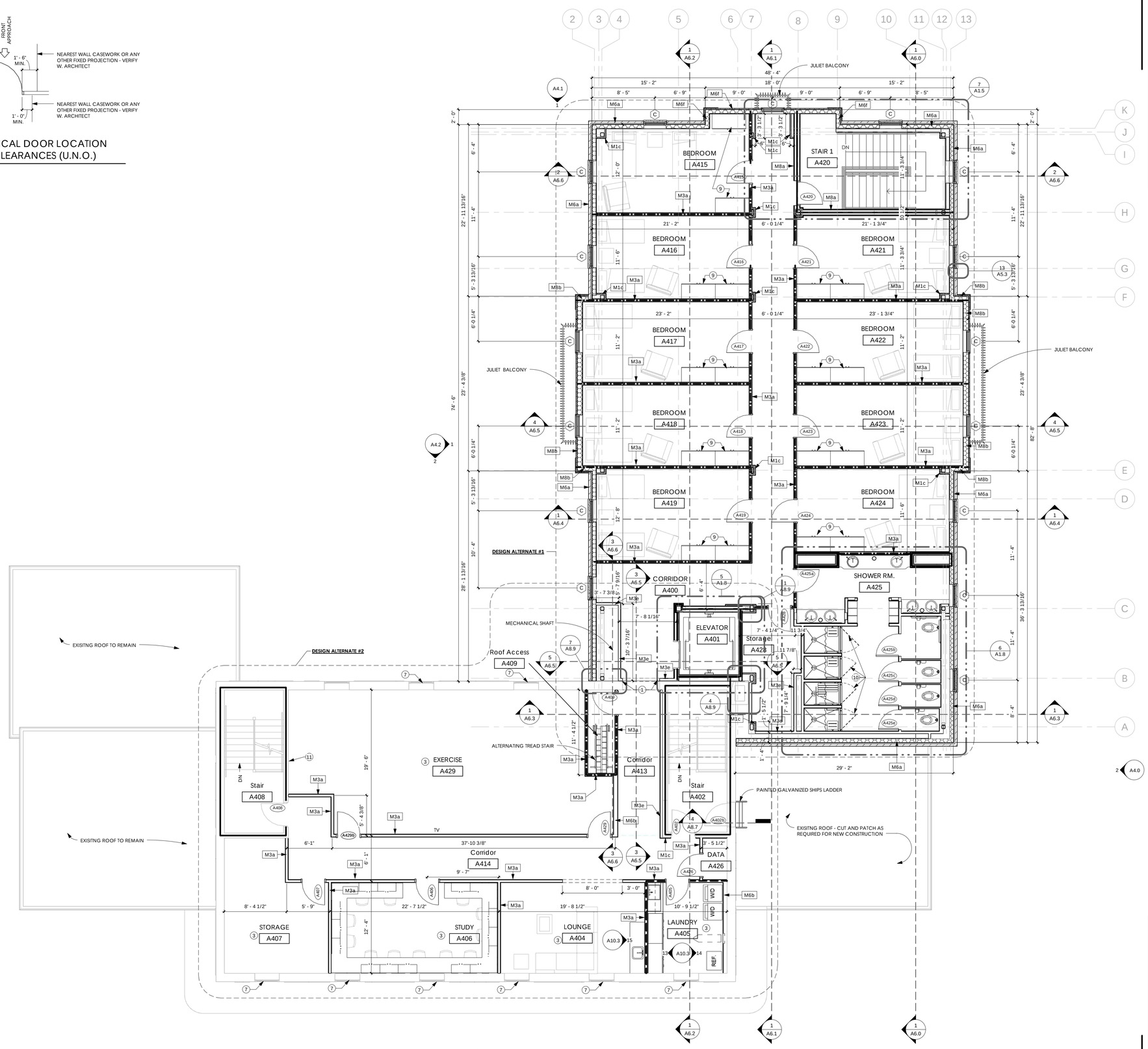
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TYPICAL DOOR LOCATION & CLEARANCES (U.N.O.)

N.T.S.



NEW PLAN - 4TH LEVEL - ALTERNATE

3/16" = 1'-0"

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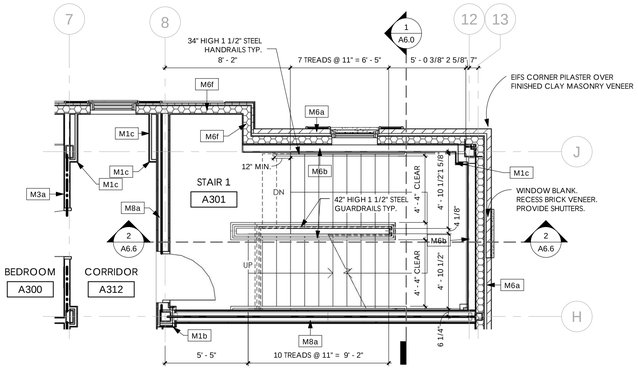
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JOB No.	11039
DATE:	REV DATE:
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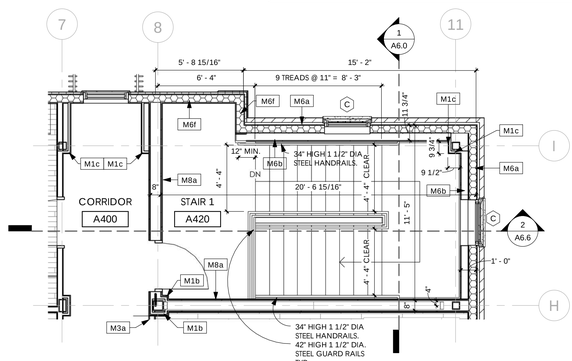
New Plan - 4th Level

SHEET NUMBER A1.4A

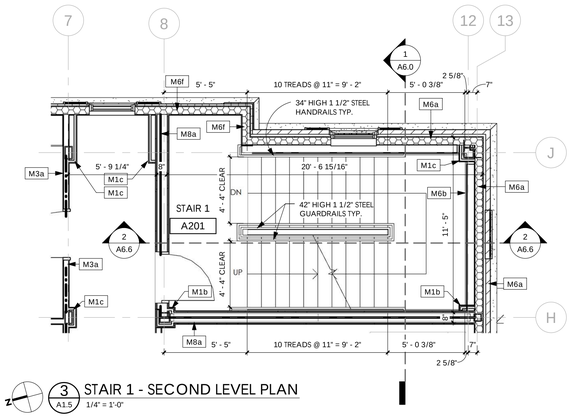
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4 STAIR 1 - THIRD LEVEL PLAN
A1.5 1/4" = 1'-0"



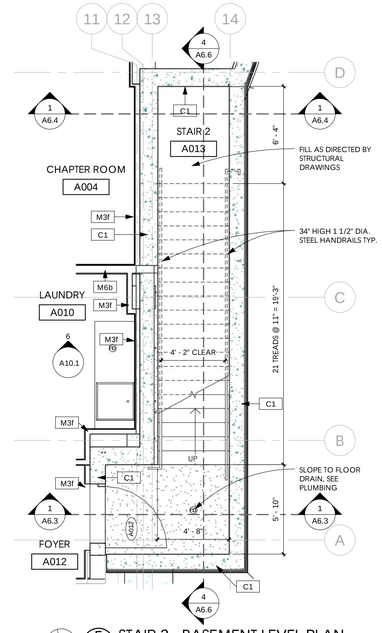
7 STAIR 1 - FOURTH LEVEL PLAN
A1.5 1/4" = 1'-0"



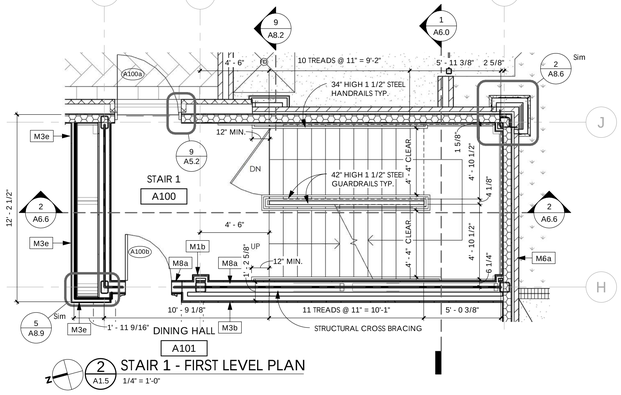
3 STAIR 1 - SECOND LEVEL PLAN
A1.5 1/4" = 1'-0"

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

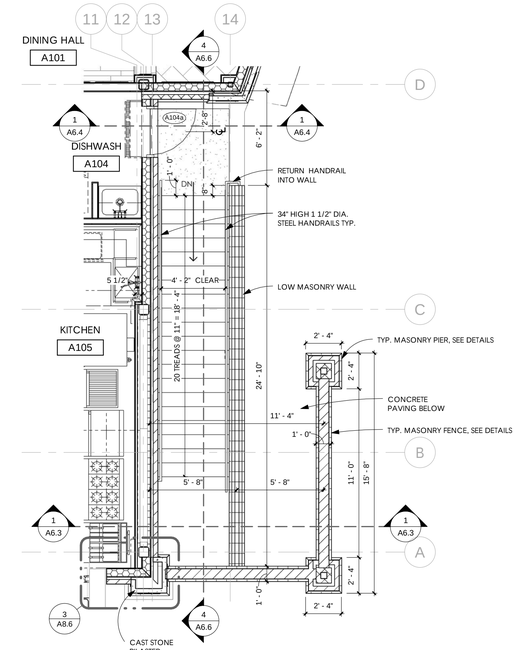
CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL MILLWORK AND RAILINGS ON STAIR TO ARCHITECT FOR FINAL APPROVAL.



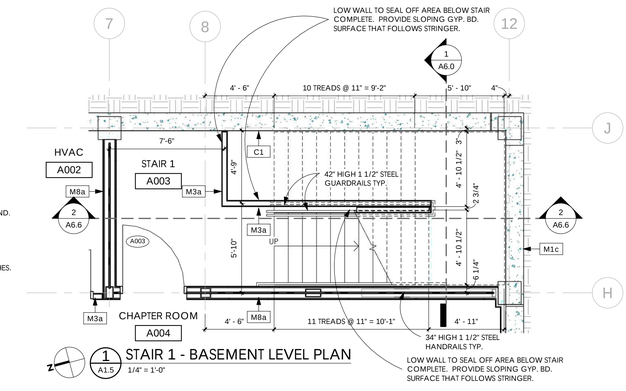
5 STAIR 2 - BASEMENT LEVEL PLAN
A1.5 1/4" = 1'-0"



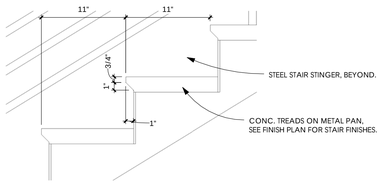
2 STAIR 1 - FIRST LEVEL PLAN
A1.5 1/4" = 1'-0"



6 STAIR 2 - FIRST LEVEL PLAN
A1.5 1/4" = 1'-0"



1 STAIR 1 - BASEMENT LEVEL PLAN
A1.5 1/4" = 1'-0"



8 Typ. Stair Detail
A1.5 1 1/2" = 1'-0"

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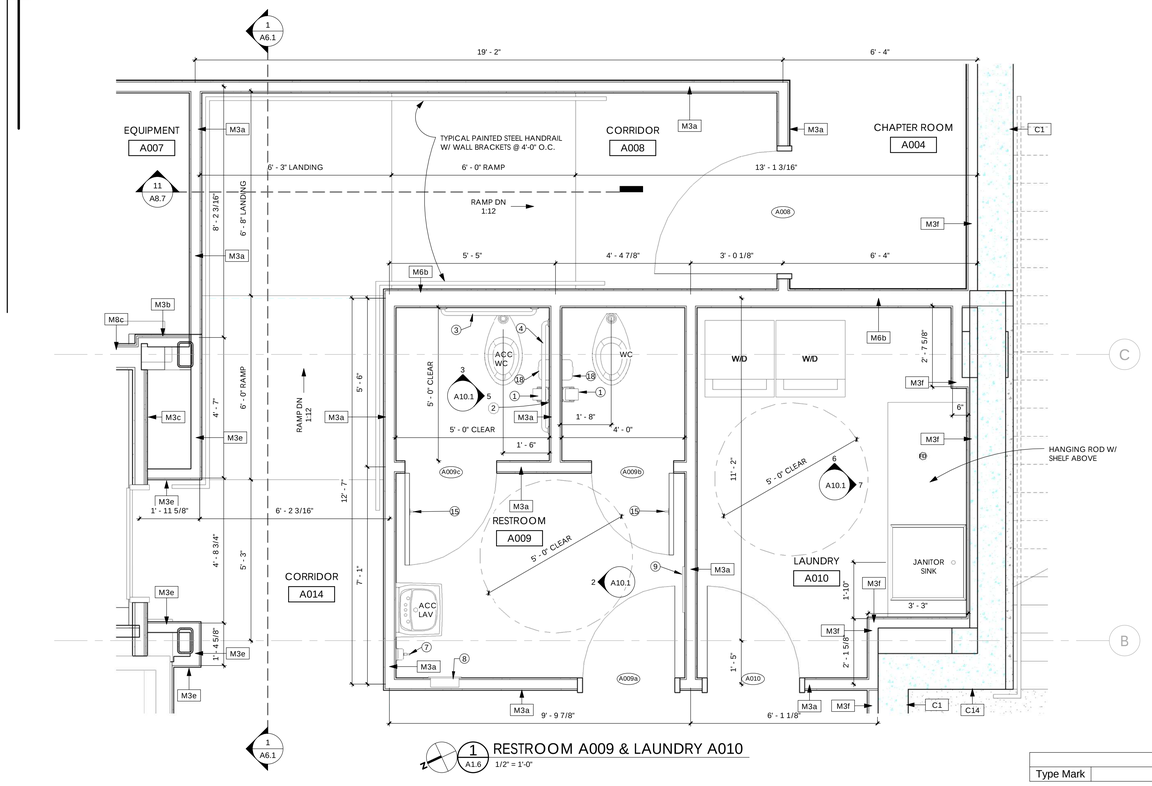
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Stair 1 & 2 Plan

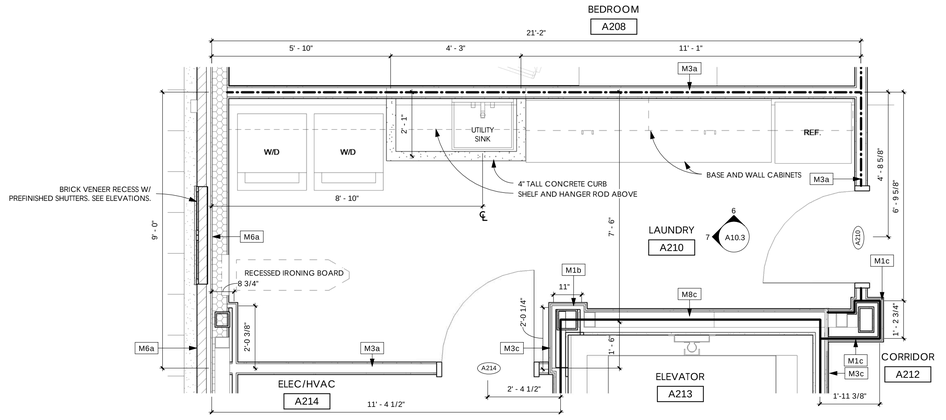
SHEET NUMBER A1.5

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1 A6.1 — 1/2" = 1'-0"

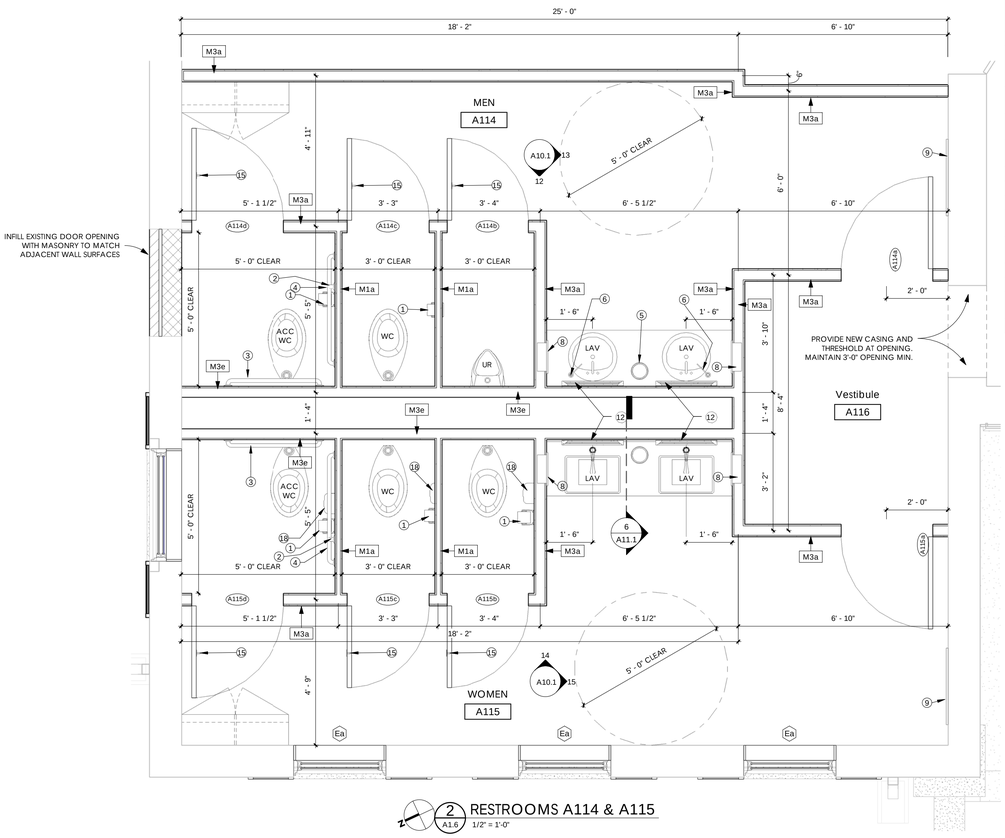
1 A1.6 RESTROOM A009 & LAUNDRY A010



4 A1.6 LAUNDRY A210, A310 SIM

1/2" = 1'-0"

Toilet Accessory Schedule				
Type Mark	Description	Comments	Manufacturer	Model
	Grab Bars		Bradley Corporation	8122-001180
1	Toilet Tissue Dispenser		Bradley Corporation	5402
2	Grab Bars		Bradley Corporation	8120-001180
3	Grab Bars		Bradley Corporation	8120-00136
4	Grab Bars		Bradley Corporation	8120-00142
5	Circular Waste Chute, Surface-Mounted		Bradley Corporation	P10-696
6	Lavatory-Mounted Soap Dispenser	*Finish: Brushed Nickel	Kohler	K-1894*
7	Soap Dispenser		Bradley Corporation	6562
8	Paper Towel Dispenser, Recessed		Bradley Corportion	2443
9	Mirror, Full Length		See Allowances	See Interior Elevation
10	Shower Curtain Rod	*Lengths cut as required.	Bradley Corporation	9531* BradEX
11	Mirror		See Allowances	See Interior Elevation
12	Mirror		See Allowances	See Interior Elevation
13	Towel Bar - 18" W		Bradley Corporation	9054-18
14	Double Robe Hook - Projects 2"		Bradley Corporation	9124 BradEX
15	Single Robe Hook - Projects 1-3/4"		Bradley Corporation	9114 BradEX
16	Retractable Shower Seat, White		Bradley Corporation	9558-000305 BradEX
17	Retractable Shower Seat, Handicapped, White		Bradley Corporation	957 (L) 9571 (R)
18	Napkin Disposal, Surface-Mounted		Bradley Corporation	4781-15
19	Swing Up Grab Bar		Bradley Corporation	8370-101
20	Stainless Steel Pan	1" Deep Pan, 15 Gauge		
21	Grab Bar		Bradley Corporation	8120-001300



2 A1.6 RESTROOMS A114 & A115

1/2" = 1'-0"

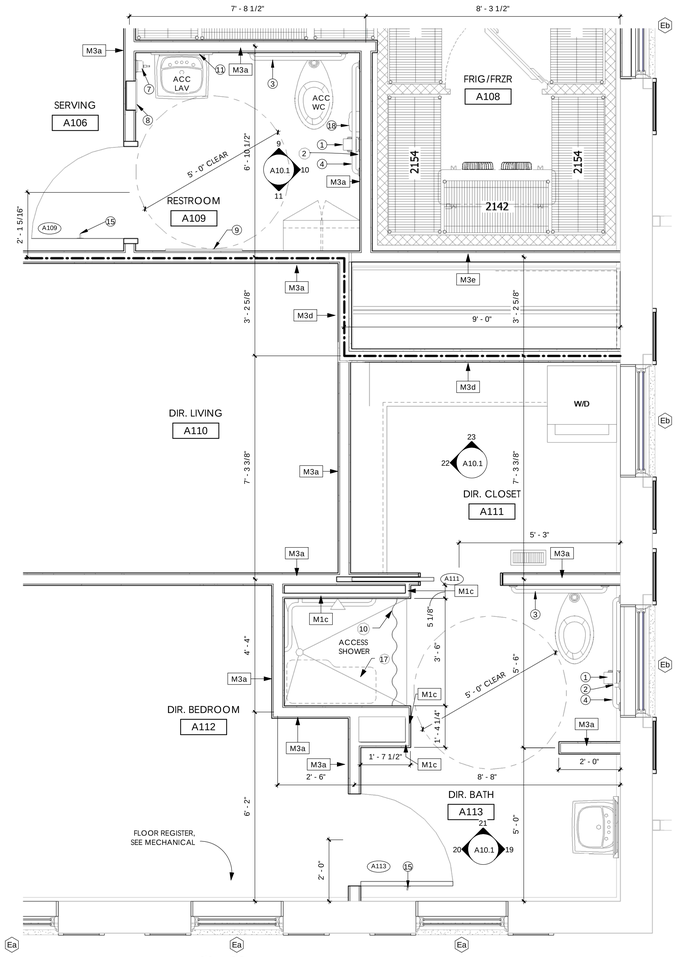
ACCESSORY INDEX

INSTALLATION NOTES:

1. REFER TO PLAN DRAWINGS FOR LOCATION OF ITEM SHOWN.
2. DIMENSIONS SHOWN ARE FOR TYPICAL CONDITIONS. ALSO REFER TO T1.1 FOR TYPICAL MOUNTING HEIGHTS.
3. STANDARD RECESSED PAPER TOWEL DISPENSERS SHALL BE MOUNTED AT 60" A.F.F. TO THE TOP OF THE RECESSED OPENING IN WALL FOR ALL STANDARD DISPENSERS; ALL ADA DISPENSERS SHALL BE MOUNTED AT 51" A.F.F. SEE INTERIOR ELEVATIONS FOR LOCATION OF STANDARD/ ADA DISPENSERS. ARCHITECT RETAINS FINAL APPROVAL.
4. IF LOCATION OR HEIGHT CONFLICT OCCURS, COORDINATE WITH ARCHITECT PRIOR TO INSTALLING ACCESSORY.
5. OPERATING FIXTURE SHALL NOT EXCEED 48" A.F.F.
6. IN THE EVENT OF CONFLICT BETWEEN ADA REQUIREMENTS FOR ACCOMMODATION OF THE HANDICAPPED AND DIMENSIONS STATED HEREIN, ADA REQUIREMENTS SHALL GOVERN.
7. ITEM #14 DOUBLE HOOK SHALL BE INSTALLED IN ALL BEDROOMS ON 2ND, 3RD AND 4TH FLOORS. LOCATION OF HOOKS TO BE DETERMINED ON SITE WITH OWNER AND DESIGNER PRIOR TO INSTALLATION BY CONTRACTOR. PROVIDE 2 HOOKS PER ROOM UNLESS OTHERWISE DIRECTED.
8. PROVIDE ITEM #2 AT ALL ADA TOILET STALLS - TYPICAL.
9. FOR ITEM #20, SEAL ALL EDGES OF STAINLESS STEEL TO BE WATERTIGHT.

NOTE: SEE PLUMBING FOR PLUMBING FIXTURES.

HEIGHT TO RIM OF TOILET AT LARGER STALLS TO BE 17-19" A.F.F.



3 A1.6 DIRECTOR'S BATH / CLOSET AREA

1/2" = 1'-0"

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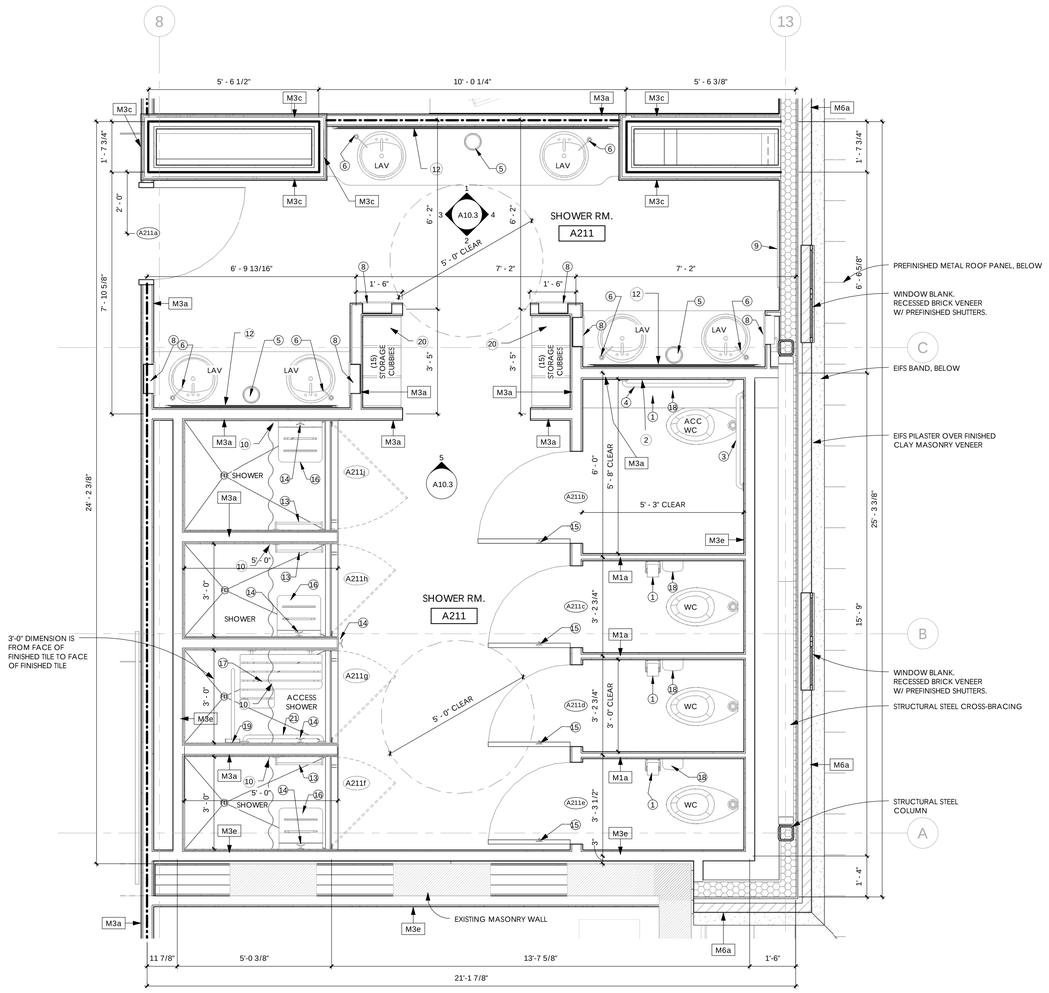
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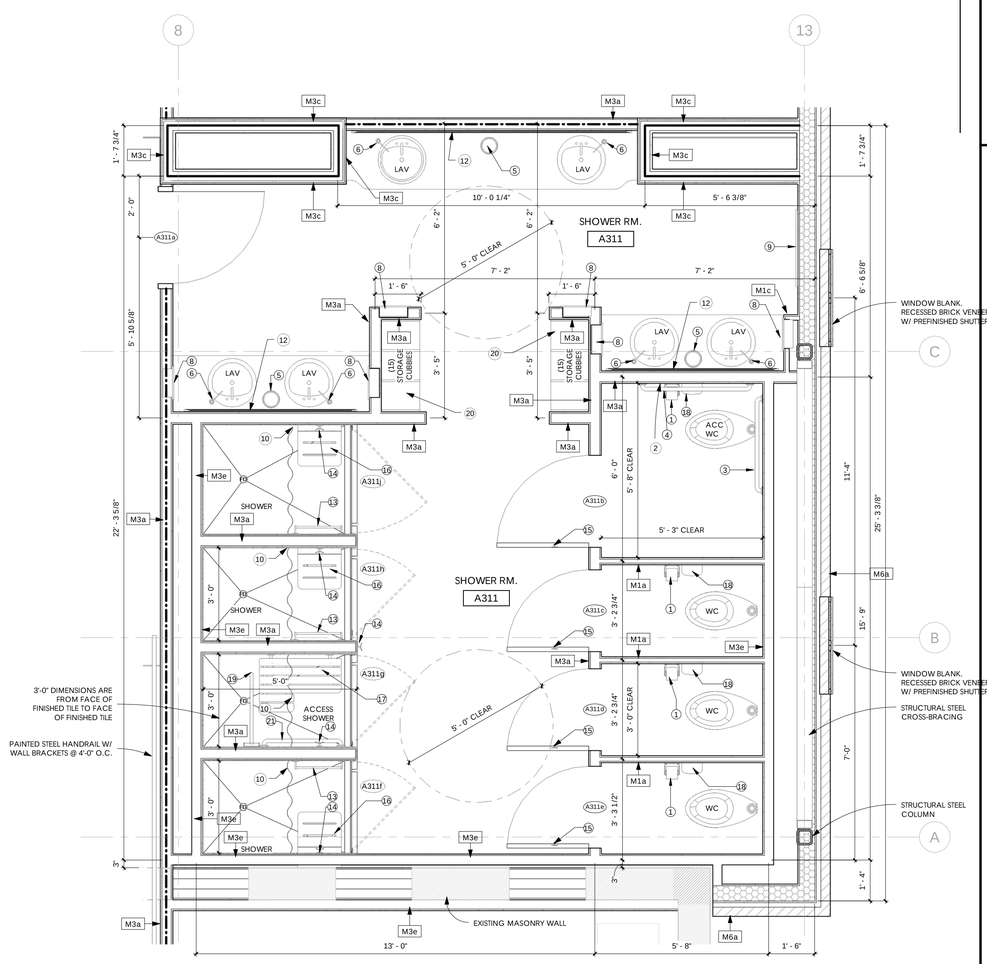
Large Scale Plans

SHEET NUMBER A1.6

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1 SHOWER ROOM A211
A1.7 1/2" = 1'-0"



2 SHOWER ROOM A311, A425 SIM
A1.7 1/2" = 1'-0"

ACCESSORY INDEX

INSTALLATION NOTES:

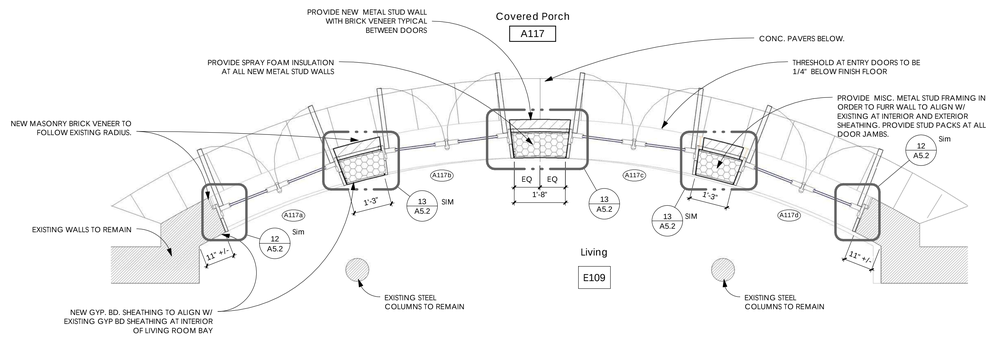
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7. ITEM #14 DOUBLE HOOK SHALL BE INSTALLED IN ALL BEDROOMS ON 2ND, 3RD AND 4TH FLOORS. LOCATION OF HOOKS TO BE DETERMINED ON SITE WITH OWNER AND DESIGNER PRIOR TO INSTALLATION BY CONTRACTOR. PROVIDE 2 HOOKS PER ROOM UNLESS OTHERWISE DIRECTED.
8. PROVIDE ITEM #2 AT ALL ADA TOILET STALLS - TYPICAL.
9. FOR ITEM #20, SEAL ALL EDGES OF STAINLESS STEEL TO BE WATERTIGHT.

NOTE: SEE PLUMBING FOR PLUMBING FIXTURES.

HEIGHT TO RIM OF TOILET AT LARGER STALLS TO BE 17-19" A.F.F.

Toilet Accessory Schedule

Type Mark	Description	Comments	Manufacturer	Model
	Grab Bars		Bradley Corporation	8122-001180
1	Toilet Tissue Dispenser		Bradley Corporation	5402
2	Grab Bars		Bradley Corporation	8120-001180
3	Grab Bars		Bradley Corporation	8120-00136
4	Grab Bars		Bradley Corporation	8120-00142
5	Circular Waste Chute, Surface-Mounted		Bradley Corporation	P10-696
6	Lavatory-Mounted Soap Dispenser	*Finish: Brushed Nickel	Kohler	K-1894*
7	Soap Dispenser		Bradley Corporation	6562
8	Paper Towel Dispenser, Recessed		Bradley Corporation	2443
9	Mirror, Full Length		See Allowances	See Interior Elevation
10	Shower Curtain Rod	*Lengths cut as required.	Bradley Corporation	9531* BradEX
11	Mirror		See Allowances	See Interior Elevation
12	Mirror		See Allowances	See Interior Elevation
13	Towel Bar - 18" W		Bradley Corporation	9054-18
14	Double Robe Hook - Projects 2"		Bradley Corporation	9124 BradEX
15	Single Robe Hook - Projects 1-3/4"		Bradley Corporation	9114 BradEX
16	Retractable Shower Seat, White		Bradley Corporation	9558-000305 BradEX
17	Retractable Shower Seat, Handicapped, White		Bradley Corporation	957 (L) 9571 (R)
18	Napkin Disposal, Surface-Mounted		Bradley Corporation	4781-15
19	Swing Up Grab Bar		Bradley Corporation	8370-101
20	Stainless Steel Pan	1" Deep Pan, 15 Gauge		
21	Grab Bar		Bradley Corporation	8120-001300



3 ENLARGED PLAN @ LIVING ROOM BAY
A1.7 1/2" = 1'-0"

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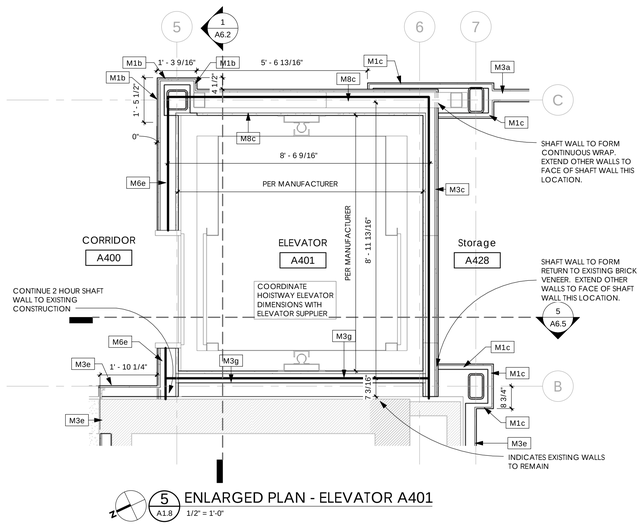
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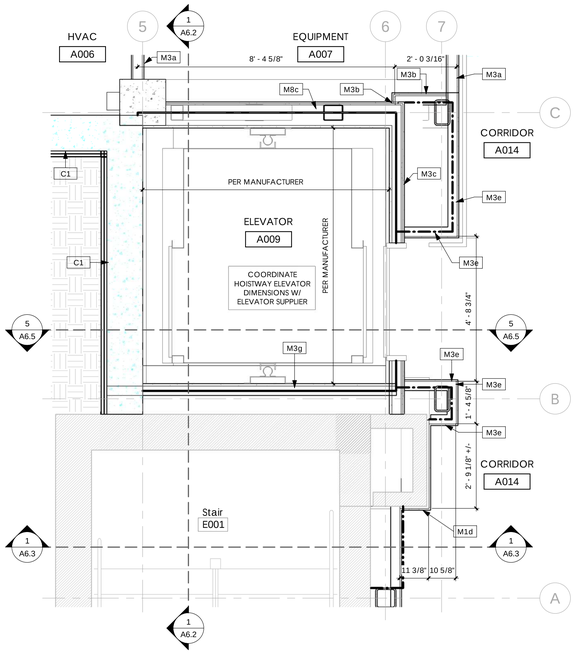
Large Scale Plans

SHEET NUMBER A1.7

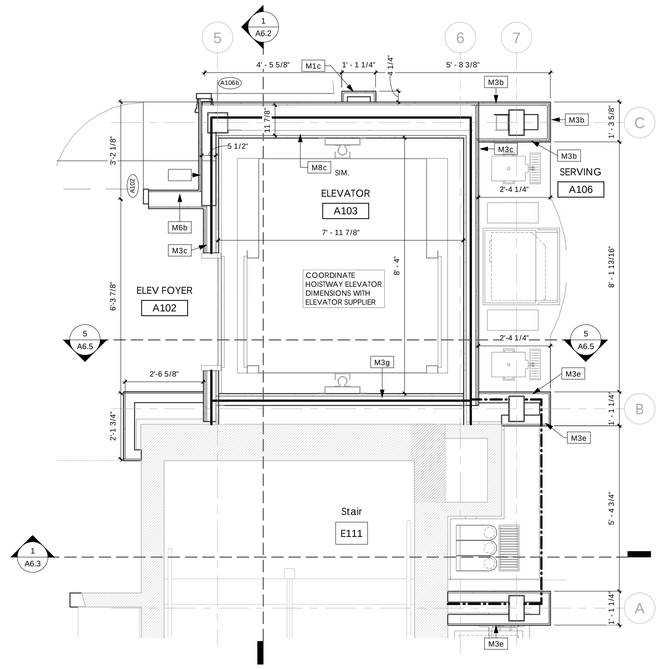
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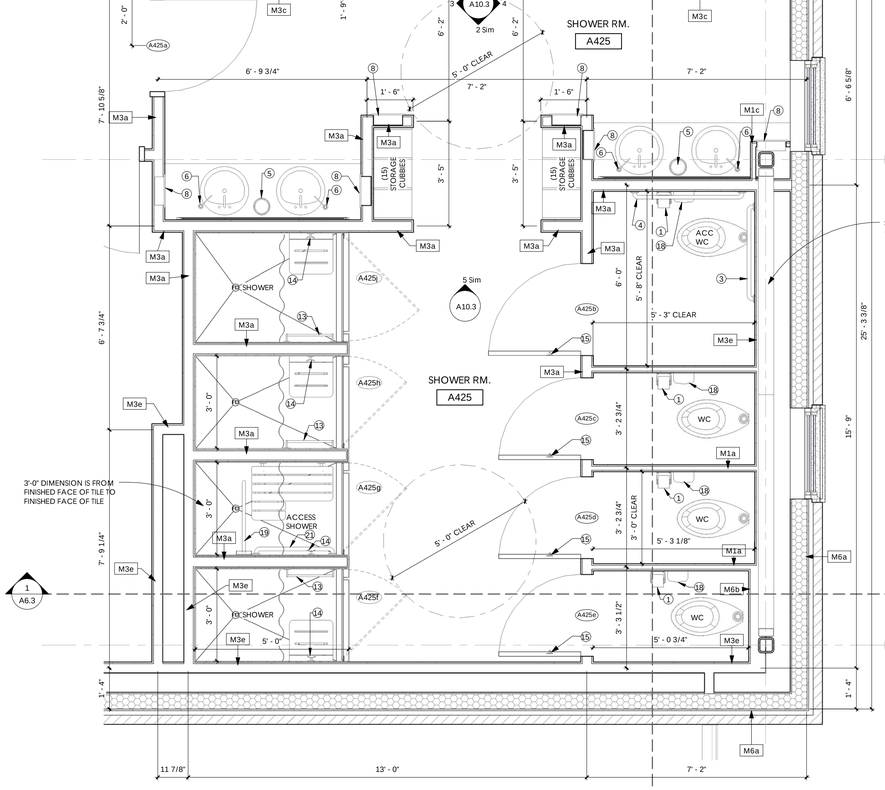
5 A1.8 ENLARGED PLAN - ELEVATOR A401
1/2" = 1'-0"



1 A1.8 ENLARGED PLAN - ELEVATOR A009
1/2" = 1'-0"

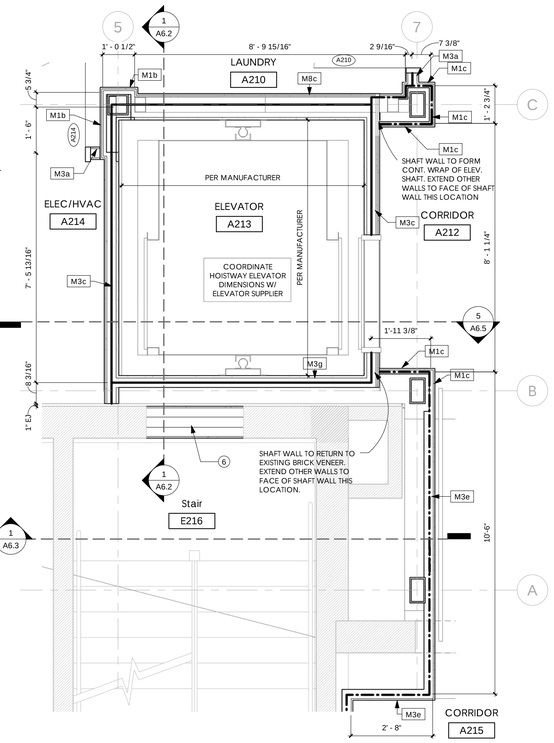


2 A1.8 ENLARGED PLAN - ELEVATOR A103
1/2" = 1'-0"

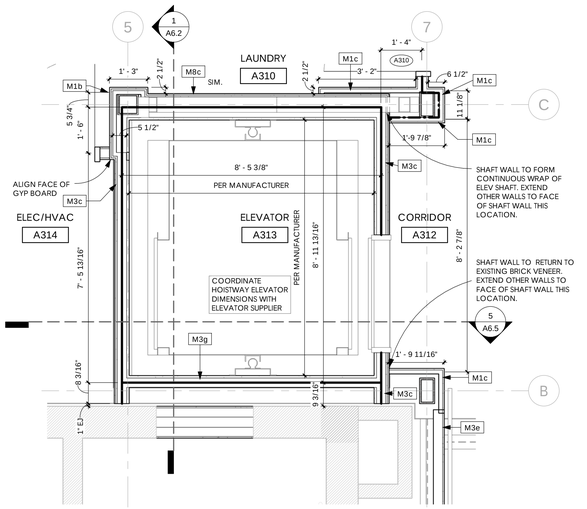


6 A1.8 ENLARGED PLAN - SHOWER ROOM A425
1/2" = 1'-0"

1 A6.0 NOTE: SEE SHEET A1.7 FOR ACCESSORY INDEX AND SPECIALTY EQUIPMENT SCHEDULE.



3 A1.8 ENLARGED PLAN - ELEVATOR A213
1/2" = 1'-0"



4 A1.8 ENLARGED PLAN - ELEVATOR A313
1/2" = 1'-0"

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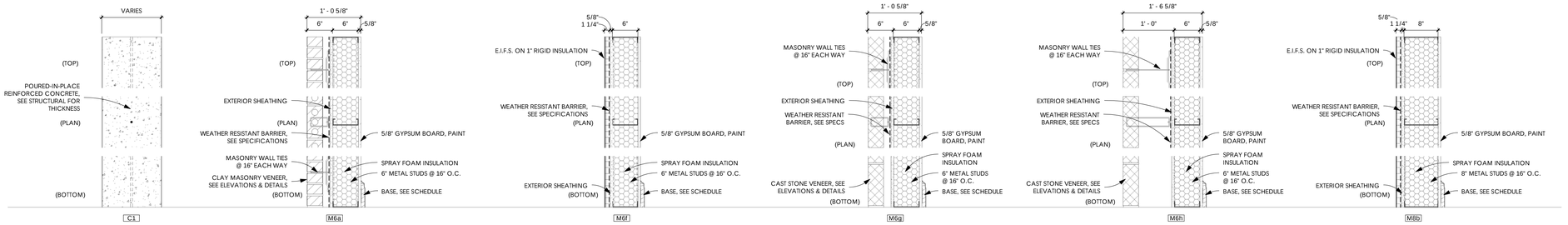
Large Scale Plans

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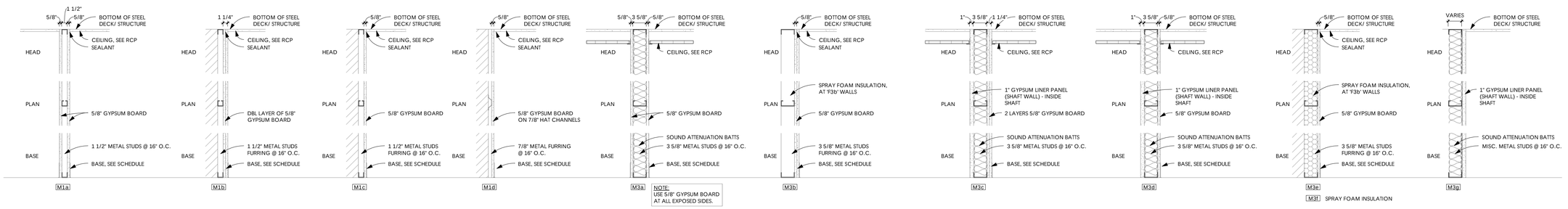
EXTERIOR WALL TYPES

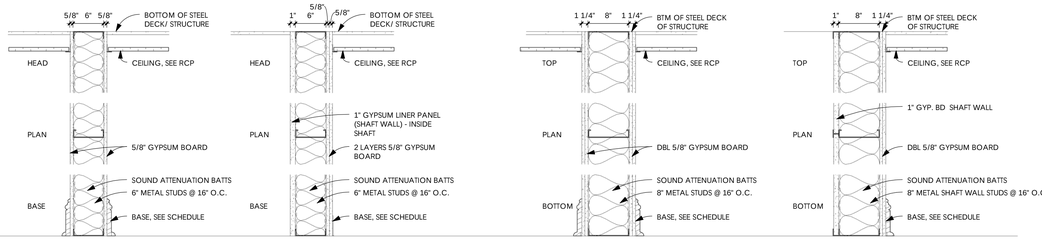
N.T.S.



INTERIOR WALL TYPES

N.T.S.





SPECIAL NOTES

1. WHERE RATED WALLS, FLOORS AND CEILINGS ARE SHOWN ON LIFE SAFETY PLANS, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RATED CONSTRICTION. UL ASSEMBLIES LISTED IN THE DOCUMENTS ARE INTENDED ONLY AS STARTING POINT.
2. PROVIDE 5/8" GYPSUM BOARS BEHIND ALL WALL TILE, TILE BASE AND BEHIND ALL GENERAL SINKS (INCLUDING MOP/UTILITY SINKS), LAVATORIES AND WATER FOUNTAINS. SEE FINISH PLANS AND INTERIOR ELEVATIONS.
3. AT ALL SHOWER WALL TILE LOCATIONS THE CONTRACTOR SHALL PROVIDE 1 LAYER OF 1/2" CEMENT BACKER BOARD EQUAL TO USG DUROCK CEMENT BOARD NEXT CEN. THE CEMENT WALL BOARD SHALL BE PROVIDED IN LIEU OF 1 LAYER OF 5/8" GYPSUM BOARD WHERE INDICATED IN WALL TYPES AND WALL SECTIONS. CONTRACTOR SHALL ALSO PROVIDE TILE BACKER TAPE AND TILE MEMBRANE PROVIDED BY SAME MANUFACTURER AS THE CEMENT WALL BOARD AT ALL SHOWER WALL TILE LOCATIONS INSTALLED PER MANUFACTURER RECOMMENDATIONS.
4. GYPSUM BOARD SHALL BE HELD OFF CONCRETE FLOORS AND CONCRETE WALLS 5/8" TYPICAL. PROVIDE CAULK JOINT AT THIS GAP, TYPICAL AT ALL WALLS.
5. ALL GYPSUM BOARD SHALL BE MOISTURE RESISTANT, UNLESS NOTED OTHERWISE, SEE SPECS.

Wall Type Notes

1/4" = 1'-0"

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Wall Types

SHEET NUMBER A1.9

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NOTES

1. Coordinate all light fixture placement with Plumbing, Mechanical, and Electrical drawings.
2. All wall mounted light fixtures shall be centered above lavatories.
3. BOTC = Bottom of truss chord
4. See Plumbing, Mechanical, and Electrical drawings for additional items not shown here.

LEGEND

2'-0" x 2'-0" Suspended acoustical tile ceiling in prefinished metal grid, see specifications.

2'-0" x 2'-0" Suspended vinyl-coated gypsum board tile ceiling in prefinished metal grid, see specifications.

Gypsum wall board, paint

Prefinished metal soffit

9'-4" AFF — Typical Ceiling Height Designator

2'x4' Fluorescent Light Fixture, see Electrical

Surface Mounted Ceiling Light Fixture, see Electrical

Wall Mounted Light Fixture, see Electrical

Wall Mounted Light Fixture, see Electrical

Recessed Light Fixture, see Electrical

PLF, Interior Pendant Light Fixture, see Electrical

Exit Light, see Electrical

Exit Light, see Electrical

OC — Open/Close Drive Thru Signage, see Electrical

Canopy Mounted Light Fixture, see Mechanical

HVAC Supply Diffuser, see Mechanical

HVAC Return Diffuser, see Mechanical

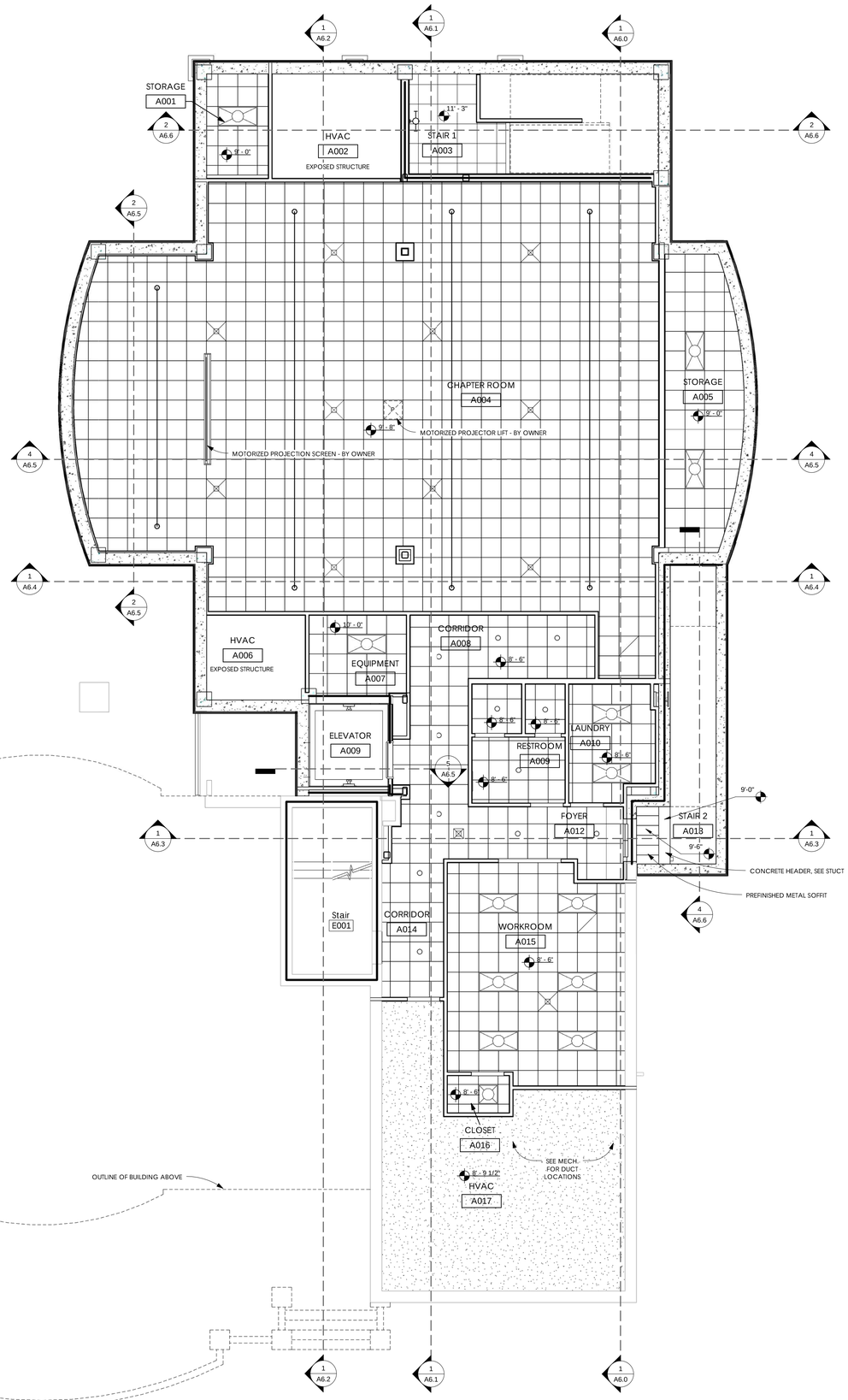
Exhaust Fan, see Mechanical

HVAC Supply Diffuser, see Mechanical

Fresh Air Grille, see Mechanical

AP — Prefabricated, prefinished metal access panel. Coordinate location of panel with Architect and bank equipment supplier.

Pull-down attic access ladder. See sheet A1.1 for product info and installation requirements.



1 REFLECTED CEILING PLAN - BASEMENT LEVEL
A2.0 — 3/16" = 1'-0"

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Reflected Ceiling Plan

SHEET NUMBER A2.0

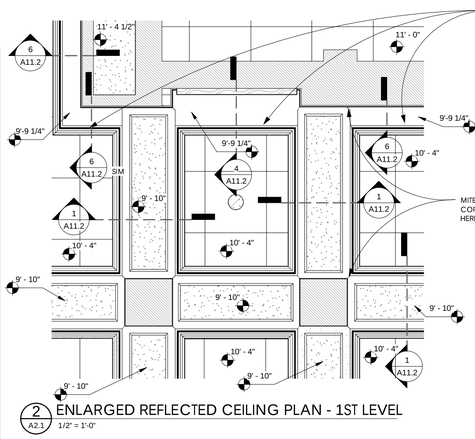
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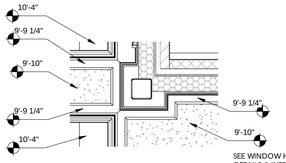
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LEGEND

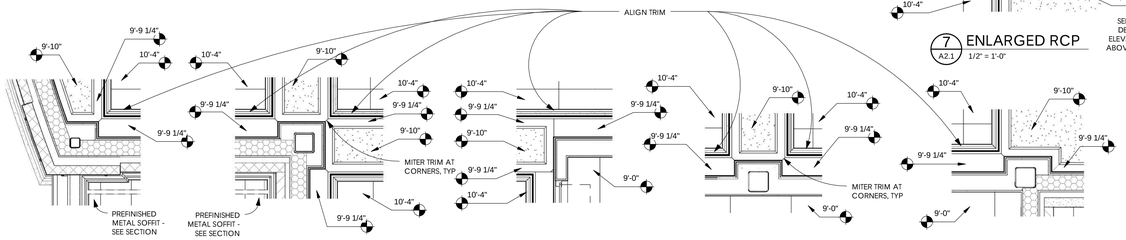
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- 2'-0" x 2'-0" Suspended vinyl-coated gypsum board tile ceiling in prefinished metal grid, see specifications.
- Gypsum wall board, paint
- Prefinished metal soffit
- 9'-4" AFF — Typical Ceiling Height Designator
- 2'x4' Fluorescent Light Fixture, see Electrical
- Surface Mounted Ceiling Light Fixture, see Electrical
- Wall Mounted Light Fixture, see Electrical
- Wall Mounted Light Fixture, see Electrical
- Recessed Light Fixture, see Electrical
- PLF, Interior Pendant Light Fixture, see Electrical
- Exit Light, see Electrical
- Exit Light, see Electrical
- OC — Open/Close Drive Thru Signage, see Electrical
- Canopy Mounted Light Fixture, see Mechanical
- HVAC Supply Diffuser, see Mechanical
- HVAC Return Diffuser, see Mechanical
- Exhaust Fan, see Mechanical
- HVAC Supply Diffuser, see Mechanical
- Fresh Air Grille, see Mechanical
- AP — Prefabricated, prefinished metal access panel. Coordinate location of panel with Architect and bank equipment supplier.
- Pull-down attic access ladder. See sheet A1.1 for product info and installation requirements.



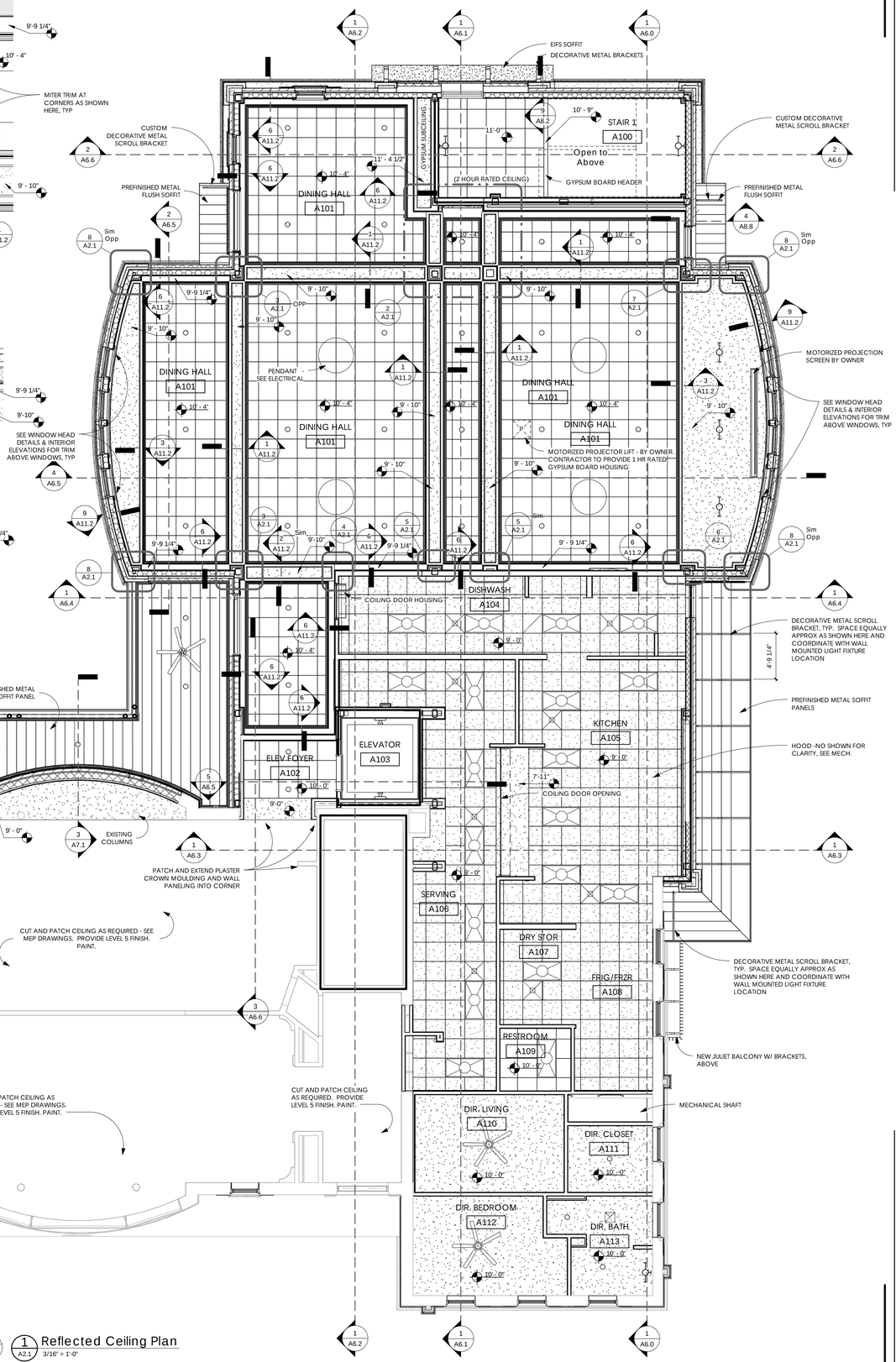
2 A2.1 ENLARGED REFLECTED CEILING PLAN - 1ST LEVEL
1/2" = 1'-0"



7 A2.1 ENLARGED RCP
1/2" = 1'-0"



8 A2.1 ENLARGED RCP 1/2" = 1'-0"
3 A2.1 ENLARGED RCP 1/2" = 1'-0"
4 A2.1 ENLARGED RCP 1/2" = 1'-0"
5 A2.1 ENLARGED RCP 1/2" = 1'-0"
6 A2.1 ENLARGED RCP 1/2" = 1'-0"



1 A2.1 Reflected Ceiling Plan
3/16" = 1'-0"

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Reflected Ceiling Plan

SHEET NUMBER A2.1

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NOTES

1. Coordinate all light fixture placement with Plumbing, Mechanical, and Electrical drawings.
2. All wall mounted light fixtures shall be centered above lavatories.
3. BOTC = Bottom of truss chord
4. See Plumbing, Mechanical, and Electrical drawings for additional items not shown here.

LEGEND

2'-0" x 2'-0" Suspended acoustical tile ceiling in prefinished metal grid, see specifications.

2'-0" x 2'-0" Suspended vinyl-coated gypsum board tile ceiling in prefinished metal grid, see specifications.

Gypsum wall board, paint

Prefinished metal soffit

9'-4" AFF — Typical Ceiling Height Designator

2'x4' Fluorescent Light Fixture, see Electrical

Surface Mounted Ceiling Light Fixture, see Electrical

Wall Mounted Light Fixture, see Electrical

Wall Mounted Light Fixture, see Electrical

Recessed Light Fixture, see Electrical

PLF, Interior Pendant Light Fixture, see Electrical

Exit Light, see Electrical

Exit Light, see Electrical

OC — Open/Close Drive Thru Signage, see Electrical

Canopy Mounted Light Fixture, see Mechanical

HVAC Supply Diffuser, see Mechanical

HVAC Return Diffuser, see Mechanical

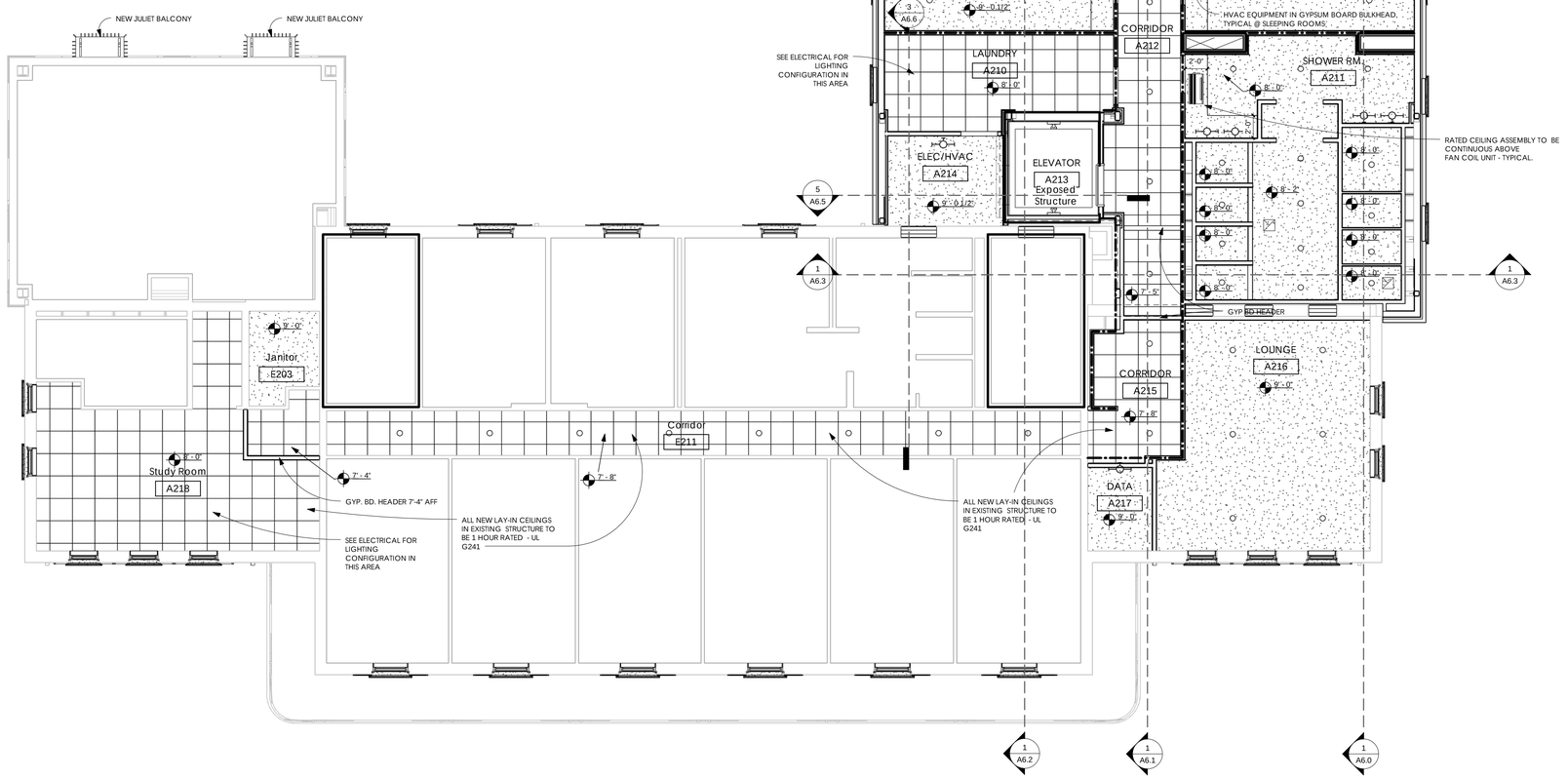
Exhaust Fan, see Mechanical

HVAC Supply Diffuser, see Mechanical

Fresh Air Grille, see Mechanical

AP — Prefabricated, prefinished metal access panel. Coordinate location of panel with Architect and bank equipment supplier.

Pull-down attic access ladder. See sheet A1.1 for product info and installation requirements.



1 A2.2 REFLECTED CEILING PLAN - 2ND LEVEL
3/16" = 1'-0"

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Reflected Ceiling Plan

SHEET NUMBER A2.2

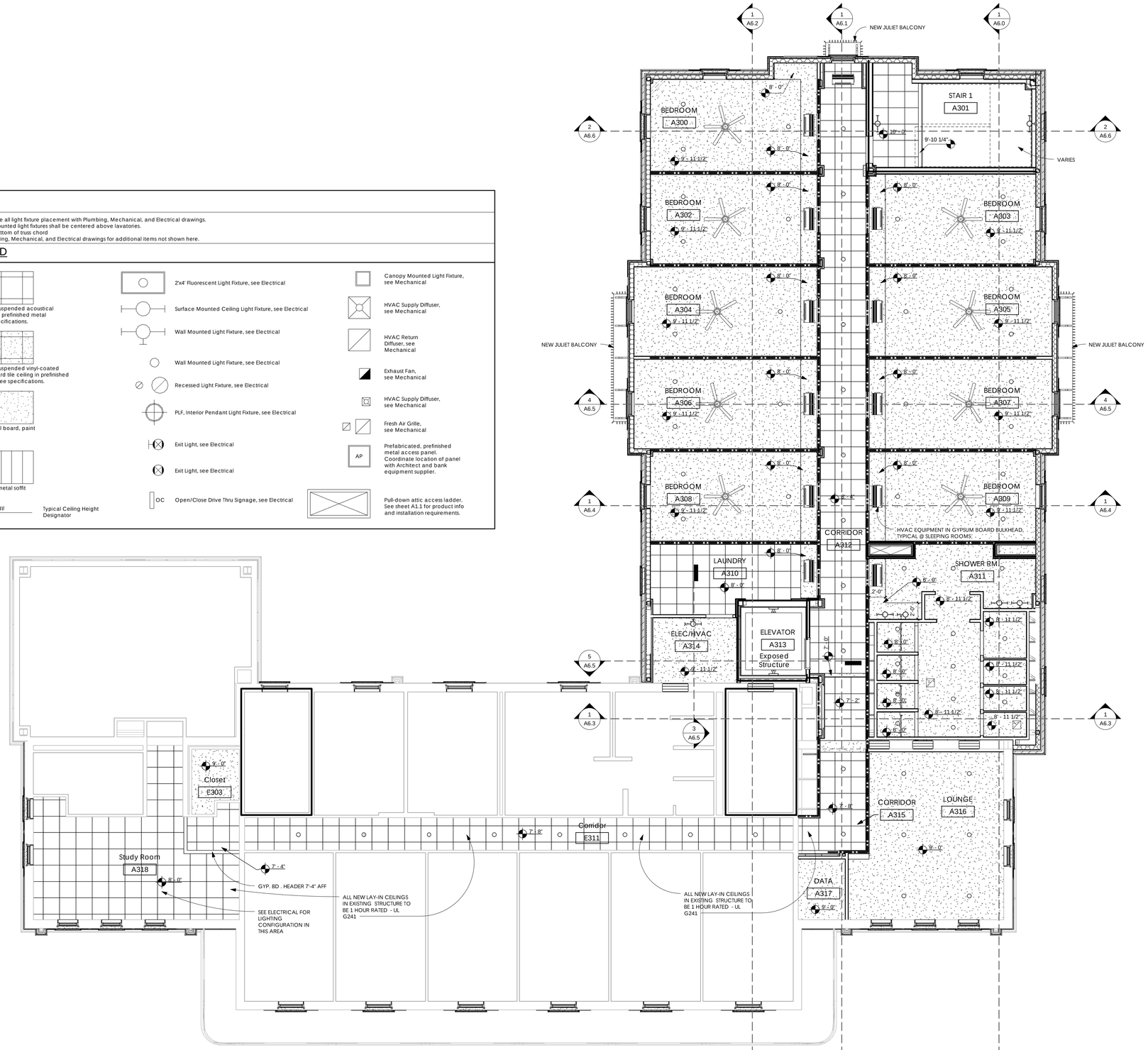
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NOTES

1. Coordinate all light fixture placement with Plumbing, Mechanical, and Electrical drawings.
2. All wall mounted light fixtures shall be centered above lavatories.
3. BOTC = Bottom of truss chord
4. See Plumbing, Mechanical, and Electrical drawings for additional items not shown here.

LEGEND

- 2'-0" x 2'-0" Suspended acoustical tile ceiling in prefinished metal grid, see specifications.
- 2'-0" x 2'-0" Suspended vinyl-coated gypsum board tile ceiling in prefinished metal grid, see specifications.
- Gypsum wall board, paint
- Prefinished metal soffit
- 9'-4" AFF — Typical Ceiling Height Designator
- 2'x4' Fluorescent Light Fixture, see Electrical
- Surface Mounted Ceiling Light Fixture, see Electrical
- Wall Mounted Light Fixture, see Electrical
- Wall Mounted Light Fixture, see Electrical
- Recessed Light Fixture, see Electrical
- PLF, Interior Pendant Light Fixture, see Electrical
- Exit Light, see Electrical
- Exit Light, see Electrical
- OC — Open/Close Drive Thru Signage, see Electrical
- Canopy Mounted Light Fixture, see Mechanical
- HVAC Supply Diffuser, see Mechanical
- HVAC Return Diffuser, see Mechanical
- Exhaust Fan, see Mechanical
- HVAC Supply Diffuser, see Mechanical
- Fresh Air Grille, see Mechanical
- AP — Prefabricated, prefinished metal access panel. Coordinate location of panel with Architect and bank equipment supplier.
- Pull-down attic access ladder. See sheet A1.1 for product info and installation requirements.



1 REFLECTED CEILING PLAN - 3RD LEVEL
A2.3 — 3/16" = 1'-0"

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Reflected Ceiling Plan

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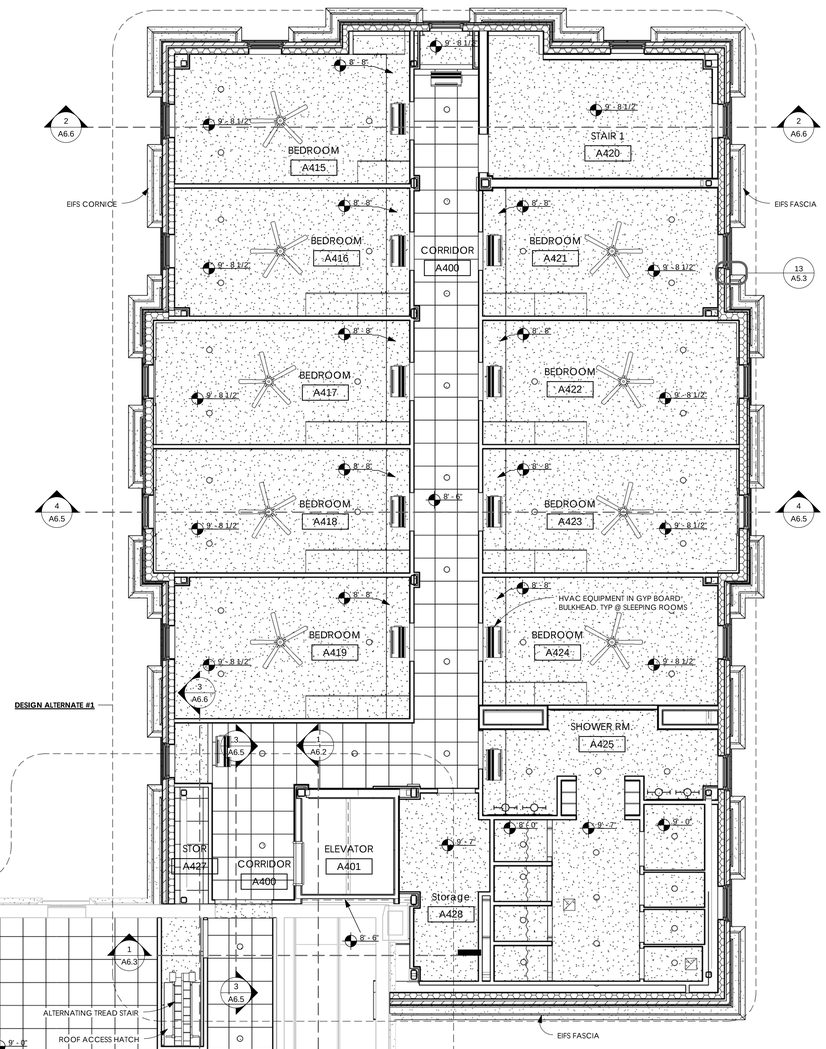
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NOTES

1. Coordinate all light fixture placement with Plumbing, Mechanical, and Electrical drawings.
2. All wall mounted light fixtures shall be centered above lavatories.
3. BOTC = Bottom of truss chord
4. See Plumbing, Mechanical, and Electrical drawings for additional items not shown here.

LEGEND

- 2'-0" x 2'-0" Suspended acoustical tile ceiling in prefinished metal grid, see specifications.
- 2'-0" x 2'-0" Suspended vinyl-coated gypsum board tile ceiling in prefinished metal grid, see specifications.
- Gypsum wall board, paint
- Prefinished metal soffit
- 9'-4" AFF — Typical Ceiling Height Designator
- 2'x4' Fluorescent Light Fixture, see Electrical
- Surface Mounted Ceiling Light Fixture, see Electrical
- Wall Mounted Light Fixture, see Electrical
- Wall Mounted Light Fixture, see Electrical
- Recessed Light Fixture, see Electrical
- PLF, Interior Pendant Light Fixture, see Electrical
- Exit Light, see Electrical
- Exit Light, see Electrical
- OC — Open/Close Drive Thru Signage, see Electrical
- Canopy Mounted Light Fixture, see Mechanical
- HVAC Supply Diffuser, see Mechanical
- HVAC Return Diffuser, see Mechanical
- Exhaust Fan, see Mechanical
- HVAC Supply Diffuser, see Mechanical
- Fresh Air Grille, see Mechanical
- AP — Prefabricated, prefinished metal access panel. Coordinate location of panel with Architect and bank equipment supplier.
- Pull-down attic access ladder. See sheet A1.1 for product info and installation requirements.



1 A2.4A — REFLECTED CEILING PLAN - 4TH LEVEL - ALTERNATE
3/16" = 1'-0"

NOTE: SEE SHEET A1.4 FOR BASE BID INFORMATION RELATED TO 4TH FLOOR CEILINGS.

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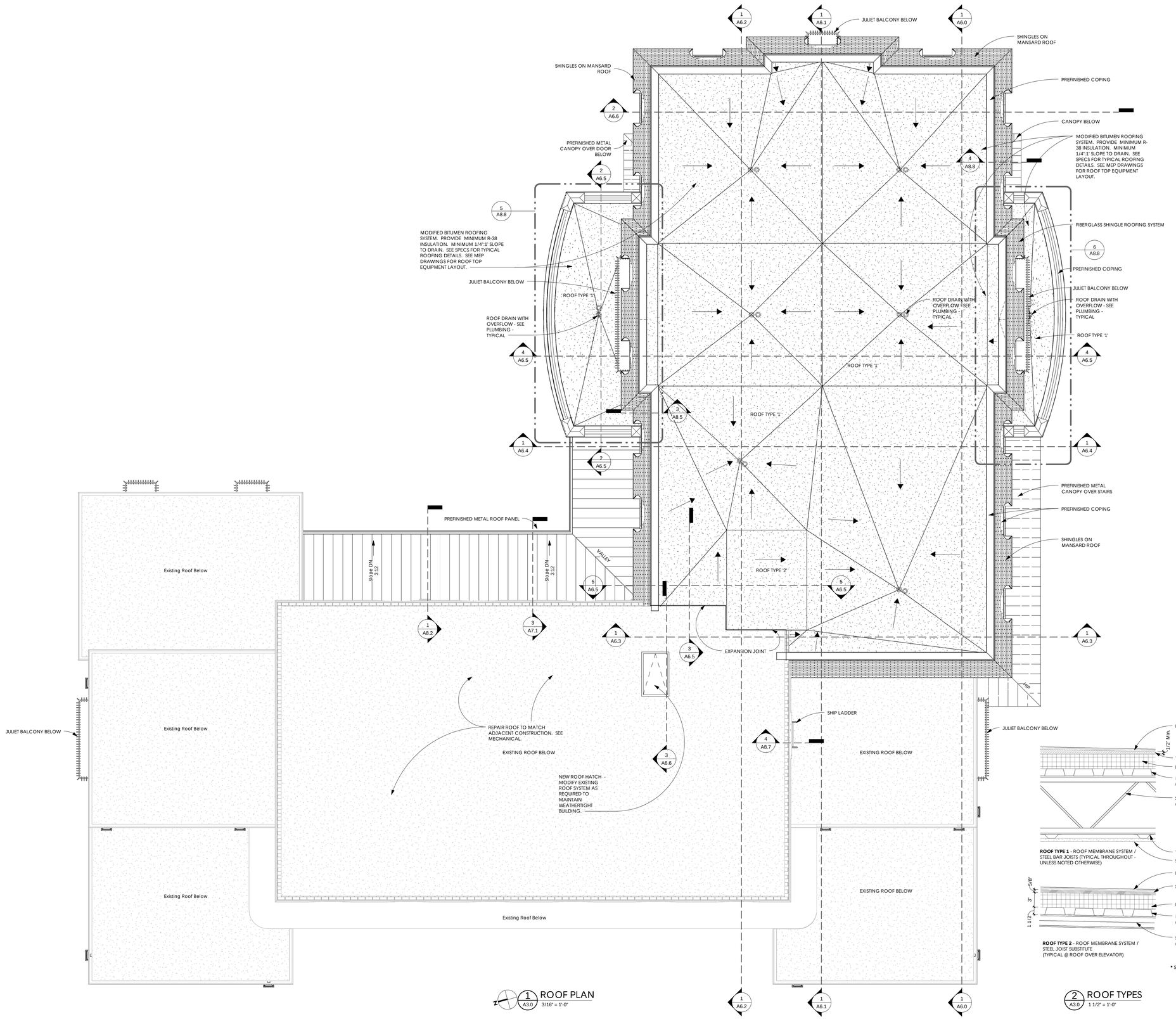
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Reflected Ceiling Plan

SHEET NUMBER A2.4A

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1 ROOF PLAN
A3.0 3/16" = 1'-0"

2 ROOF TYPES
A3.0 1 1/2" = 1'-0"

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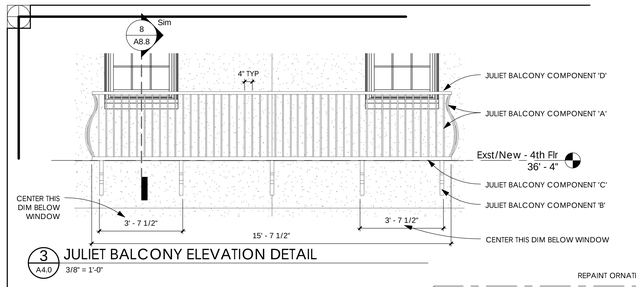
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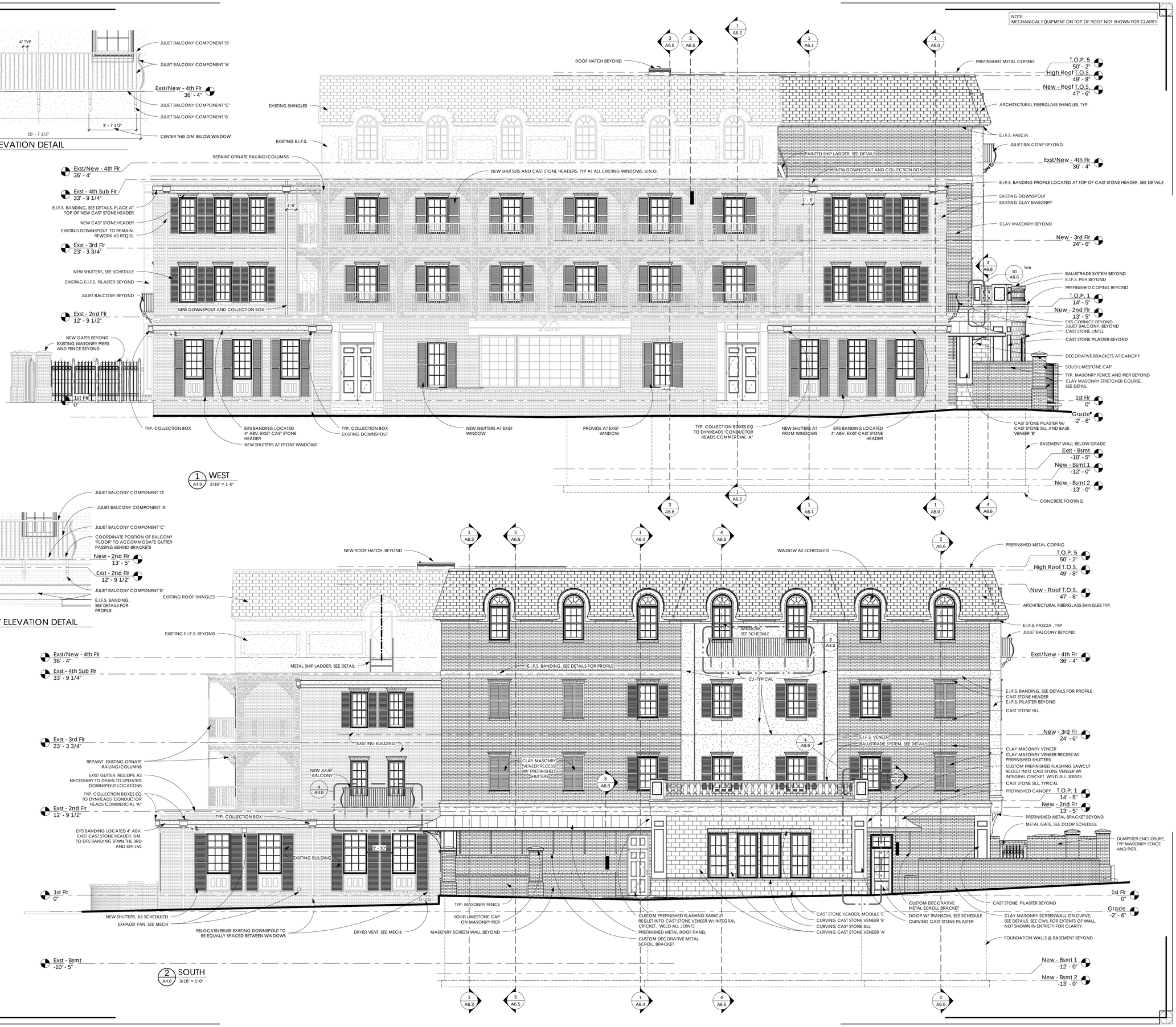
Roof Plan

SHEET NUMBER A3.0

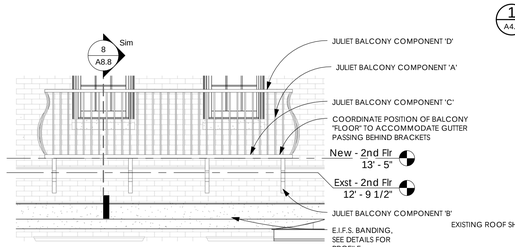
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3 A4.0 JULIET BALCONY ELEVATION DETAIL
3/8" = 1'-0"



1 A4.0 WEST
3/16" = 1'-0"



4 A4.0 JULIET BALCONY ELEVATION DETAIL
3/8" = 1'-0"

2 A4.0 SOUTH
3/16" = 1'-0"

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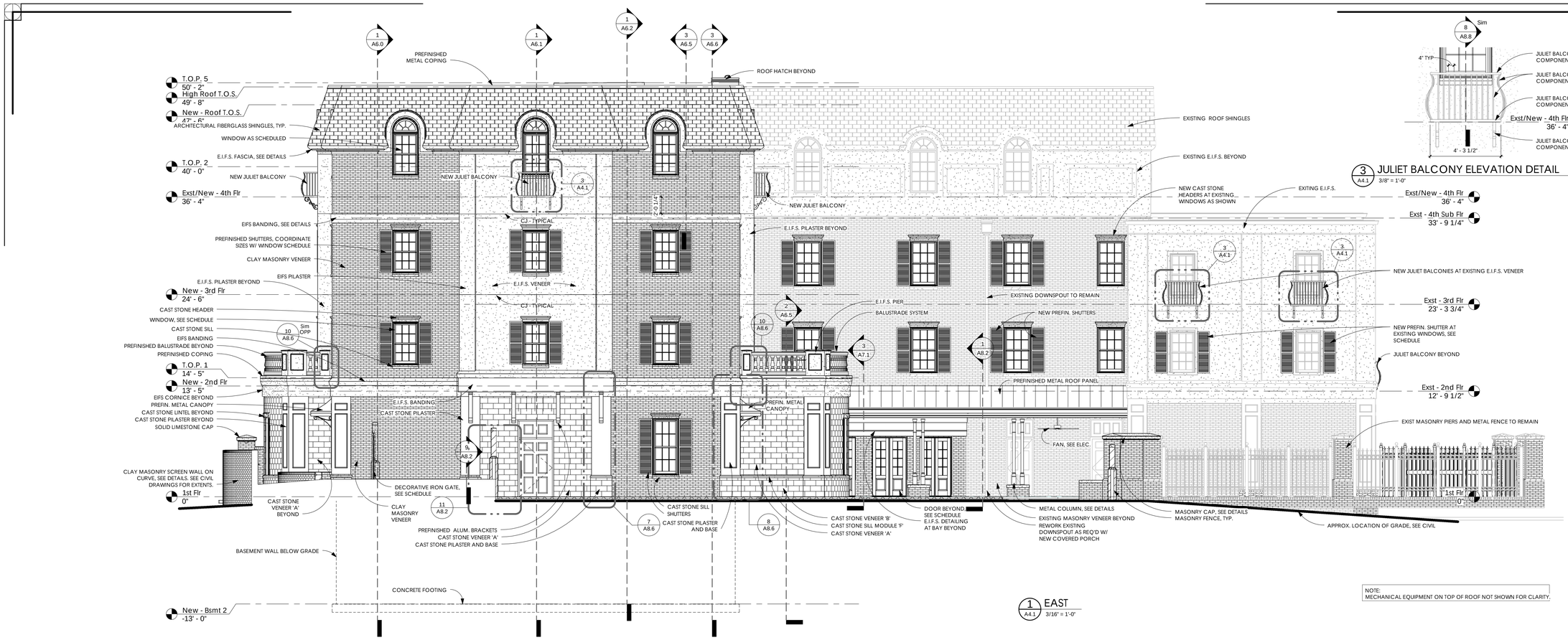
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Exterior Elevations

SHEET NUMBER A4.0



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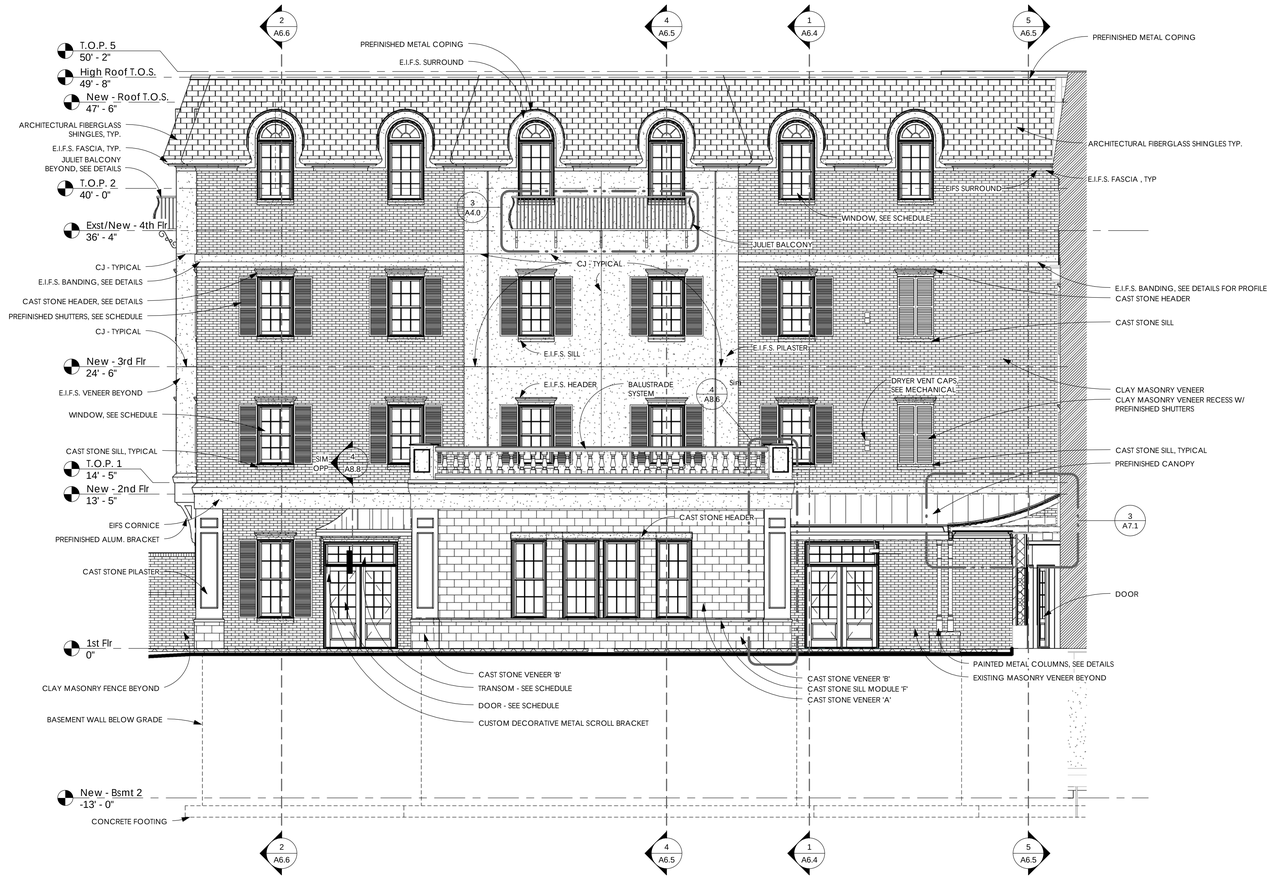
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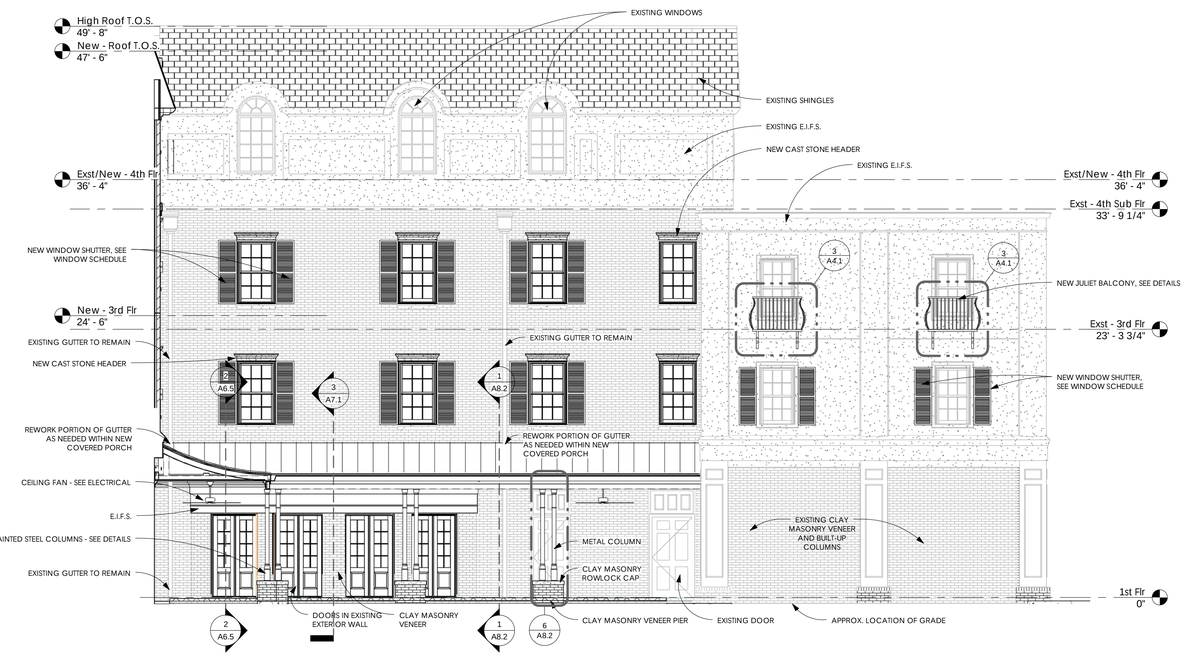
Exterior Elevations

SHEET NUMBER A4.1

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1 A4.2 COURTYARD - NORTH ELEVATION
3/16" = 1'-0"



2 A4.2 COURTYARD - EAST ELEVATION
3/16" = 1'-0"

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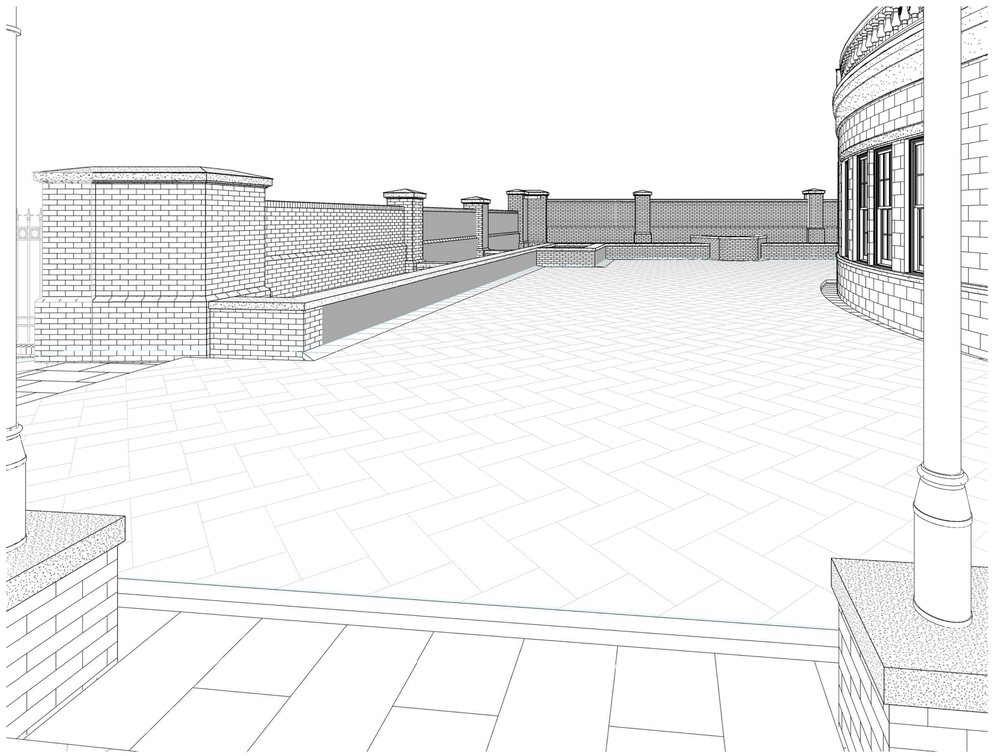
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Exterior Elevations

SHEET NUMBER A4.2



1 A4.3 Courtyard View from Covered Porch



2 A4.3 Courtyard View looking at Covered Porch



3 A4.3 Courtyard View looking at Rear Entrance



4 A4.3 Covered Porch View

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Exterior Perspectives

SHEET NUMBER A4.3

Door Schedule - Full Building

DOOR NUMBER	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR DESCRIPTION	DOOR MAT'L	DOOR TYPE	DOOR RATING	FRAME TYPE	FRAME MAT'L	DETAILS HEAD	DETAILS JAMB	DETAILS THRESHOLD	REMARKS
A001	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	-	1	P.H.M.	21	22	27	
A002	6' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	J	-	1	P.H.M.	21	22	27	
A003	4' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	90 MIN.	1	P.H.M.	21	22	27	
A005a	6' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	J	-	1	P.H.M.	21	22	27	
A005b	6' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	J	-	1	P.H.M.	21	22	27	
A006	6' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	J	-	1	P.H.M.	21	22	27	
A007	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A008	4' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	-	1	P.H.M.	21	22	27	
A009a	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	-	1	P.H.M.	21	22	27	
A009b	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A009c	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A010	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	Smoke Rated	1	P.H.M.	21	22	27	
A012	4' - 0"	7' - 0"	1 3/4"	2	P.H.M.	E	-	1	P.H.M.	7	7	15	
A015	6' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	J	-	1	P.H.M.	21	22	27	
A016	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	-	1	P.H.M.	21	22	27	
A017	3' - 0"	6' - 10"	1 3/4"	2	S.C.W.P.L.	R	-	1	P.H.M.	21	22	27	
A018	3' - 0"	6' - 10"	1 3/4"	2	S.C.W.P.L.	R	90 MIN.	1	P.H.M.	-	-	-	*6
A100a	4' - 0"	7' - 0"	1 3/4"	-	P.H.M.				P.H.M.	8	9	5	P.H.M. TRANSOM. CODE ACCES ENTRY.
A100b	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.	G	90 MIN.	1	P.H.M.	23	24	27	
A101a	6' - 2 7/8"	7' - 2 19/32"	0"	Kolbe Ultra Series Outswing Entrance Door 2 Wide 1-Panel Standard Sill	M.C.W.	A	-	-	M.C.W.	1	3	5	12 LITE OUTSWING FR. DOOR W/ TRANSOM
A101b	6' - 2 7/8"	7' - 2 19/32"		Kolbe Ultra Series Outswing Entrance Door 2 Wide 1-Panel Standard Sill	M.C.W.	A	-	-	M.C.W.	6	3	5	12 LITE OUTSWING FR. DOOR W/ TRANSOM
A101c	3' - 2 7/32"	7' - 2 19/32"	0"	Kolbe Ultra Series Outswing 1 Wide 1 Panel Entrance Door Standrad Sill	M.C.W.	B	-	-	M.C.W.	1	3	5	12 LITE OUTSWING DOOR W/ TRANSOM
A102	6' - 0"	7' - 0"	1 3/4"	2	S.C.W.	H	-	1	P.H.M.	23	24	27	
A104a	3' - 0"	7' - 0"	1 3/4"	-	P.H.M.	C	-	1	P.H.M.	14	16	15	P.H.M. TRANSOM. CODE ACCES ENTRY.
A104b	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.	G	-	1	P.H.M.	23	24	27	
A104c	3' - 8"	5' - 2 1/2"		Built to order metal slatted rolling doors secure openings above counters. Can fully close to the floor.	-	L	-	-	-	17	18	17	OVERHEAD COILING DOOR
A105	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.	G	-	1	P.H.M.	23	24	27	
A106a	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.	G	-	1	P.H.M.	23	24	27	
A106b	4' - 0"	7' - 0"	1 3/4"	2	S.C.W.	G	-	1	P.H.M.	23	24	27	
A106c	13' - 4 1/8"	9' - 0"		Built to order metal slatted rolling doors secure openings above counters. Can fully close to the floor.	-	M	-	-	-	19	23	-	OVERHEAD COILING DOOR
A107	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.	G	-	1	P.H.M.	21	22	27	
A109	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.	G	-	1	P.H.M.	23	24	27	
A110	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.	G	45 MIN.	1	P.H.M.	23	24	27	
A111	2' - 8"	7' - 0"	1 3/8"	2	S.C.W.	K	-	-	P.H.M.	25	26	27	
A112	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.	G	45 MIN.	1	P.H.M.	23	24	27	
A113	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.	G	45 MIN.	1	P.H.M.	23	24	27	
A114a	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.	G	-	1	P.H.M.	23	24	27	
A114b	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A114c	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A114d	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A115a	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.	G	-	1	P.H.M.	23	24	27	
A115b	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A115c	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A115d	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A117a	4' - 2 7/8"	7' - 2 19/32"		Kolbe Ultra Series Outswing Entrance Door 2 Wide 1-Panel Standard Sill	M.C.W.	D	-	-	M.C.W.	10	12/13	11	
A117b	4' - 2 7/8"	7' - 2 19/32"		Kolbe Ultra Series Outswing Entrance Door 2 Wide 1-Panel Standard Sill	M.C.W.	D	-	-	M.C.W.	10	12/13	11	
A117c	4' - 2 7/8"	7' - 2 19/32"		Kolbe Ultra Series Outswing Entrance Door 2 Wide 1-Panel Standard Sill	M.C.W.	D	-	-	M.C.W.	10	12/13	11	
A117d	4' - 2 7/8"	7' - 2 19/32"		Kolbe Ultra Series Outswing Entrance Door 2 Wide 1-Panel Standard Sill	M.C.W.	D	-	-	M.C.W.	10	12/13	11	
A200	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A201	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	90 MIN.	1	P.H.M.	21	22	27	
A202	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A203	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A204	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A205	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A206	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A207	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A208	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A209	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A210	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A211a	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A211b	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A211c	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A211d	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A211e	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A211f	3' - 0"	6' - 6"		Glass Shower Door	GLASS	GLASS	-	-	-	-	-	-	MATCH EXISTING
A211g	3' - 0"	6' - 6"		Glass Shower Door	GLASS	GLASS	-	-	-	-	-	-	MATCH EXISTING
A211h	3' - 0"	6' - 6"		Glass Shower Door	GLASS	GLASS	-	-	-	-	-	-	MATCH EXISTING
A211j	3' - 6 1/2"	6' - 6"		Glass Shower Door	GLASS	GLASS	-	-	-	-	-	-	MATCH EXISTING
A214	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	Smoke Rated	1	P.H.M.	21	22	27	
A216	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A217	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.		P.H.M.	21	22	27	
A300	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A301	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	90 MIN.	1	P.H.M.	21	22	27	
A302	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A303	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	

Door Schedule - Full Building

DOOR NUMBER	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR DESCRIPTION	DOOR MAT'L	DOOR TYPE	DOOR RATING	FRAME TYPE	FRAME MAT'L	DETAILS HEAD	DETAILS JAMB	DETAILS THRESHOLD	REMARKS
A304	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A305	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A306	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A307	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A308	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A309	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A310	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A311a	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A311b	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A311c	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A311d	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A311e	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A311f	3' - 0"	6' - 6"		Glass Shower Door	GLASS		-		-	-	-	-	MATCH EXISTING
A311g	3' - 0"	6' - 6"		Glass Shower Door	GLASS		-		-	-	-	-	MATCH EXISTING
A311h	3' - 0"	6' - 6"		Glass Shower Door	GLASS		-		-	-	-	-	MATCH EXISTING
A311j	3' - 6 1/2"	6' - 6"		Glass Shower Door	GLASS		-		-	-	-	-	MATCH EXISTING
A314	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	Smoke Rated	1	P.H.M.	21	22	27	
A316	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A317	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A402	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	90 MIN.	1	P.H.M.	-	-	-	
A402b	3' - 0"	6' - 10"	1 3/4"	2						-	-	-	
A405	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	Smoke Rated	1	P.H.M.	21	22	27	
A406	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R		1	P.H.M.	21	22	27	
A407	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A408	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	90 MIN.	1	P.H.M.	-	-	-	
A409	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A410	5' - 4"	1' - 0 19/32"		Roof Hatch						-	-	-	SEE SPEC'S
A415	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A416	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A417	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A418	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A419	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A420	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	90 MIN.	1	P.H.M.	21	22	27	
A421	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A422	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A423	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A424	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A425a	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A425b	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A425c	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A425d	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A425e	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.	F	-	1	P.H.M.	21	22	27	LOUVERED INSERTS
A425f	3' - 0"	6' - 6"		Glass Shower Door	GLASS	-	-	-	-	-	-	-	MATCH EXISTING
A425g	3' - 0"	6' - 6"		Glass Shower Door	GLASS	-	-	-	-	-	-	-	MATCH EXISTING
A425h	3' - 0"	6' - 6"		Glass Shower Door	GLASS	-	-	-	-	-	-	-	MATCH EXISTING
A425j	3' - 6 1/2"	6' - 6"		Glass Shower Door	GLASS	-	-	-	-	-	-	-	MATCH EXISTING
A426	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A428	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R	45 MIN.	1	P.H.M.	21	22	27	
A429	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R		1	P.H.M.	21	22	27	
A429b	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.	R		1	P.H.M.	21	22	27	
E100a	8' - 0"	7' - 0"	1 1/2"		Existing				Existing	-	-	-	Replace hardware - reuse doors and frame
E100b	3' - 0"	7' - 0"	1 3/4"	2						-	-	-	*3
E107a	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.	G	90 MIN.	1		-	-	-	
E107b	3' - 6"	7' - 0"	2"							-	-	-	*3
E108	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.	G	-	1		-	-	-	
E109a	3' - 0"	7' - 0"	1 3/4"	2						-	-	-	*3
E111	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.	G	90 MIN.	1		-	-	-	*5
E112	5' - 0"	8' - 7"	2"	5	S.C.W.		-		*4	-	-	-	*4, *1
E113	3' - 0"	7' - 0"	1 1/2"		S.C.W.	F	-	1		-	-	-	
E115	3' - 0"	7' - 0"	1 1/2"		S.C.W.	F	-	1	-	-	-	-	*1
E116	5' - 0"	8' - 7"	2"	5					*4	-	-	-	*4, *1
E200	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E201	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E203	2' - 4"	7' - 0"	1 3/4"	2	S.C.W.P.L.				E.P.H.M.	-	-	-	
E205	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.		90 MIN.		E.P.H.M.	-	-	-	
E206	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E207	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E208	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E209	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E210	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E211a	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E211b	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E212	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E213	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E214	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E215	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E216	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.		90 MIN.		E.P.H.M.	-	-	-	
E299	2' - 8"	7' - 0"	2"		M.C.W.				M.C.W.	-	-	-	*3
E300	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E301	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E303	2' - 4"	7' - 0"	1 3/4"	2	S.C.W.P.L.				E.P.H.M.	-	-	-	
E305	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.		90 MIN.		E.P.H.M.	-	-	-	
E306	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E307	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E308	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E309	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E310	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E311a	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E311b	3' - 0"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E312	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E313	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E314	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E315	2' - 8"	7' - 0"	1 3/4"	2	S.C.W.P.L.		45 MIN.		E.P.H.M.	-	-	-	
E316	3' - 0"	7' - 0"	1 3/4"	2	E.S.C.W.		90 MIN.		E.P.H.M.	-	-	-	
E399	2' - 8"	7' - 0"	2"		M.C.W.				M.C.W.	-	-	-	*3
G000a	3' - 1 1/2"	6' - 1"			WR IRON	P		STL		-	-	-	DECORATIVE IRON GATE
G000b	3' - 1 1/2"	6' - 1"			WR IRON	P		STL		-	-	-	DECORATIVE IRON GATE
G000c	3' - 1 1/2"	6' - 1"			WR IRON	N		STL		-	-	-	DECORATIVE IRON GATE
G000d	3' - 1 1/2"	6' - 1"			WR IRON	Q		STL		-	-	-	DECORATIVE IRON GATE
G000e	3' - 1 1/2"	6' - 1"			WR IRON	Q		STL		-	-	-	DECORATIVE IRON GATE
G000f	3' - 1 1/2"	6' - 1"			WR IRON	Q		STL		-	-	-	DECORATIVE IRON GATE
G000M										-	-	-	DUMPSTER GATE
G000N										-	-	-	DUMPSTER GATE

*NOTE.
ALL DOOR HEADS, JAMBS AND THRESHOLD DETAILS NUMBERS ARE FROM SHEET 'A5.2.'

ABBREVIATION NOTES:

1. ABBREVIATIONS:
   - S.C.W. = SOLID CORE WOOD
   - S.C.W.P.L. = SOLID CORE WOOD PLASTIC LAMINATE
   - P.H.M. = PAINTED HOLLOW METAL
   - M.C.W. = METAL CLAD WOOD
   - S.S. = STAINLESS STEEL
   - WR IRON = WROUGHT IRON
   - STL = STEEL
   - E.P.H.M. = EXISTING PAINTED HOLLOW METAL FRAME (TO REMAIN)

NOTES

1. VERIFY ALL JAMB DEPTHS WITH JAMB DETAILS & FIELD CONDITIONS. PROVIDE JAMB EXTENSIONS AS REQUIRED.
2. ALL 'METAL CLAD WOOD' AND 'WOOD' DOORS AND WINDOWS SHALL BE PROVIDED FROM THE SAME MANUFACTURER. SEE DOOR AND WINDOW SCHEDULES.
3. REPLACE EXISTING DOOR AND FRAME WITH ALUMINUM CLAD WOOD DOOR AND FRAME. DOOR TYPE TO MATCH EXISTING. SEE DOOR TYPES AND COORDINATE WITH EXISTING CONDITIONS.
4. REPLACE ENTRY DOOR AND FRAME WITH CUSTOM ENTRY DOOR AND FRAME - ALLOWANCE $8,000 PER OPENING FOR CUSTOM DOORS. INCLUDE INSTALLATION COSTS IN BASE BID.
5. DOOR E11 - DOOR SWING & HINGE LOCATION TO BE REVERSED AS INDICATED ON PLANS. MODIFY EXISTING FRAME AS REQUIRED FOR NEW CONFIGURATION. PAINT.
6. NEW FRAME & DOOR AS SCHEDULED. DOOR SWING TO BE REVERSED AS DENOTED ON PLAN. PROVIDE NEW CMU INFILL ABOVE FRAME TO MAINTAIN FIRE RATING.

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Interior Renovations and Additions for:

Chi Omega Sorority

The University of Alabama Campus
UA Project Number 910-12-024
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

STATE OF ALABAMA
MICHAEL A. ELLIS
3692
REGISTERED ARCHITECT

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Contractor must verify all dimensions prior to construction.

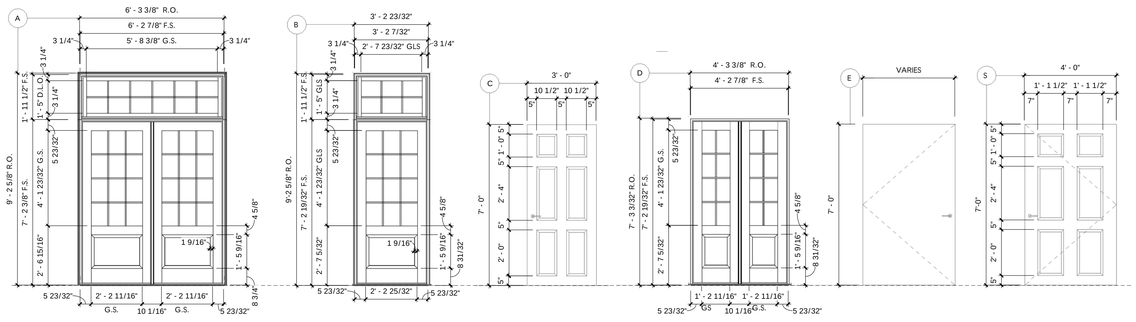
JOB No.	11039
DATE:	REV DATE:
01/18/2013	-
DRAWN BY:	EA

Door Schedule

SHEET NUMBER A5.0

EXTERIOR DOOR TYPE SCHEDULE

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



KOLBE ULTRA COMMERCIAL SERIES ENTRANCE DOORS OUTSWING ALUM CLAD WOOD. PROVIDE BRICK MOLD AT EACH LOCATION

KOLBE ULTRA COMMERCIAL SERIES ENTRANCE DOORS OUTSWING ALUM CLAD WOOD. PROVIDE BRICK MOLD AT EACH LOCATION.

HOLLOW METAL DOOR W/ RAISED PANELS IN HOLLOW METAL DOOR FRAME

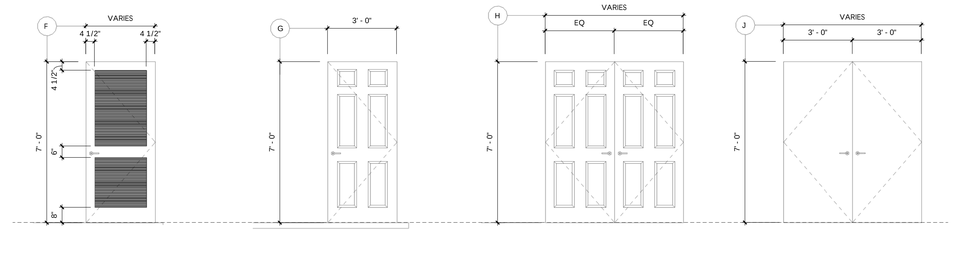
KOLBE ULTRA COMMERCIAL SERIES ENTRANCE DOORS OUTSWING ALUM CLAD WOOD

HOLLOW METAL DOOR IN HOLLOW METAL DOOR FRAME

HOLLOW METAL DOOR W/ RAISED PANELS IN HOLLOW METAL DOOR FRAME

INTERIOR DOOR TYPE SCHEDULE

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

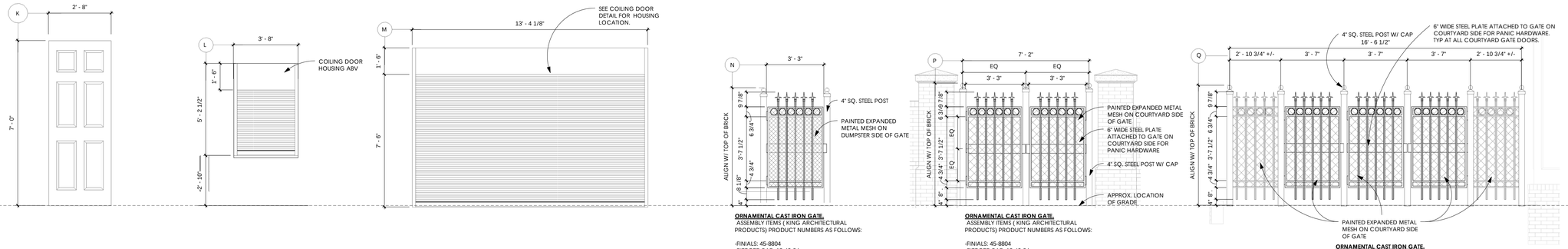


1 3/4" THICK SOLID CORE, INTERIOR WOOD VENEER, 2 PANEL LOUVERED DOORS IN HOLLOW METAL FRAME EQ TO" 'SUN-DOR-CO' MODEL 'CC-801'

1 3/4" THICK SOLID CORE, INTERIOR PAINT GRADE WOOD , 6 PANEL DOORS IN HOLLOW METAL FRAME EQ TO" 'TRUSTILE' MODEL 'TS6000'

PAIR OF 1 3/4" THICK SOLID CORE, INTERIOR PAINT GRADE WOOD , 6 PANEL DOORS IN HOLLOW METAL FRAME EQ TO 'TRUSTILE' MODEL 'TS6000'

1 3/4" THICK SOLID CORE, INTERIOR WOOD FLUSH DOORS W/ PLASTIC LAMINATE VENEER, IN HOLLOW METAL FRAME



1 3/4" THICK SOLID CORE, INTERIOR PAINT GRADE WOOD , 6 PANEL DOORS POCKET DOOR EQ TO 'TRUSTILE' MODEL 'TS6000' FRAME AS SPEC'D.

PREFINISHED METAL CURTAIN ROLLING COUNTER DOORS W/ JAMB MOUNTED TRACKS. COORDINATE FINISH W/ ARCHITECT. EQ TO OVERHEAD DOOR COMPANY SERIES 650.

PREFINISHED METAL CURTAIN ROLLING COUNTER DOORS W/ JAMB MOUNTED TRACKS. COORDINATE FINISH W/ ARCHITECT. EQ TO OVERHEAD DOOR COMPANY SERIES 650.

ORNAMENTAL CAST IRON GATE.
ASSEMBLY ITEMS (KING ARCHITECTURAL PRODUCTS) PRODUCT NUMBERS AS FOLLOWS:

-FINIALS: 45-8804
-PIERCED BAR: 13-42-24
-CIRCLES: 45-835 (5 1/4") BEVELED FACE STREET SIDE OF GATE
-PICKETS: 3/4" SQUARE BAR ROTATED 45 DEG.
-ADJUSTABLE BARREL HINGES: 44-2005-ADJ
BLACK, 3 EACH LEAF

ORNAMENTAL CAST IRON GATE.
ASSEMBLY ITEMS (KING ARCHITECTURAL PRODUCTS) PRODUCT NUMBERS AS FOLLOWS:

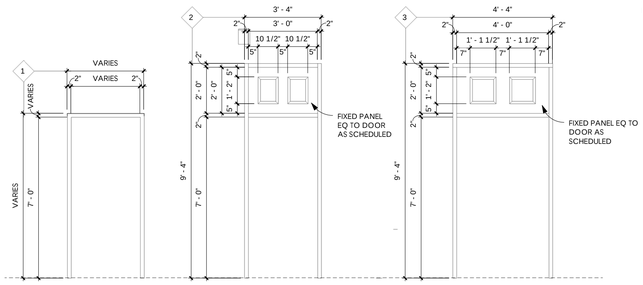
-FINIALS: 45-8804
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-PICKETS: 3/4" SQUARE BAR ROTATED 45 DEG.
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ORNAMENTAL CAST IRON GATE.
ASSEMBLY ITEMS (KING ARCHITECTURAL PRODUCTS) PRODUCT NUMBERS AS FOLLOWS:

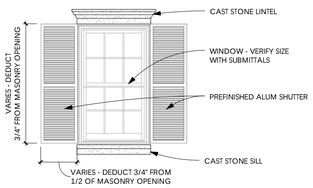
-FINIALS: 45-8804
-PIERCED BAR: 13-42-24
-CIRCLES: 45-835 (5 1/4") BEVELED FACE STREET SIDE OF GATE
-PICKETS: 3/4" SQUARE BAR ROTATED 45 DEG.
-ADJUSTABLE BARREL HINGES: 44-2005-ADJ
BLACK, 3 EACH LEAF

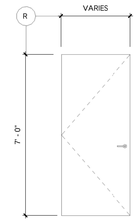
FRAME TYPE SCHEDULE

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



NOTES:
1. REFER TO BUILDING ELEVATIONS FOR LOCATIONS WHERE SHUTTERS ARE SHOWN IN WINDOW BLANKS IN CLOSED POSITION - INSTALL RECESSED 1".
2. SHUTTERS TO BE PREFINISHED METAL – AAMA 2605-05
3. SHUTTERS EQUAL TO LEGENDS SHUTTERS - COLONIAL DESIGN - WWW.DECORATIVESHUTTERS.COM
4.





1 3/4" THICK SOLID CORE, INTERIOR WOOD FLUSH DOOR W/ PLASTIC LAMINATE VENEER, IN HOLLOW METAL FRAME

NOTES:

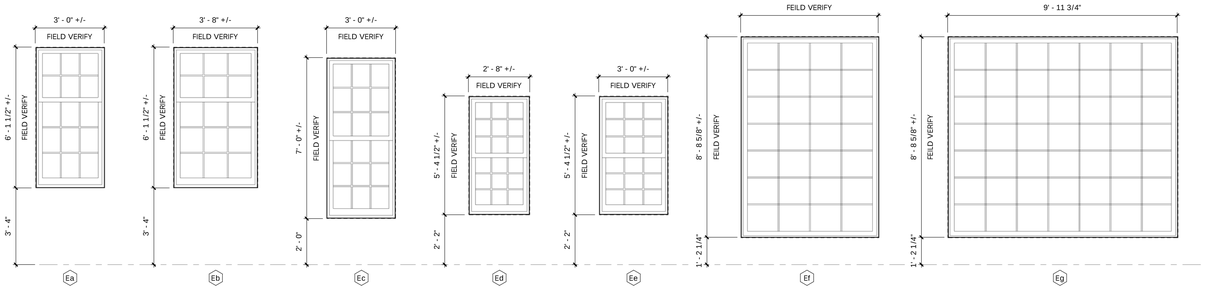
1. ABBREVIATIONS:
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   E.P.H.M. = EXISTING PAINTED HOLLOW METAL FRAME (TO REMAIN)

TYPICAL SHUTTER ELEVATION

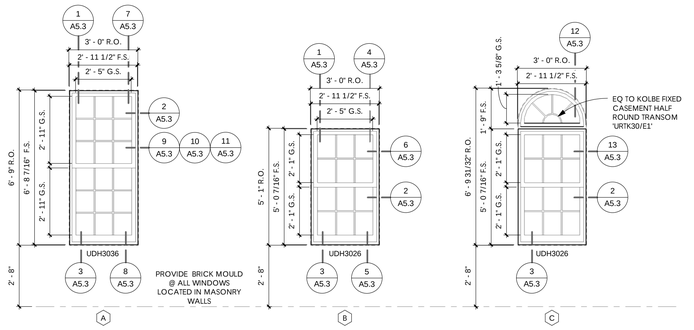
SCALE: 3/8"=1'-0"

REPLACEMENT WINDOW SCHEDULE

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



NEW WINDOW SCHEDULE



NOTES:

1. FOR BRICK MOULD AND OTHER TRIM APPLICATIONS REFER TO WINDOW DETAILS SHEET.
2. NEW WINDOWS ABV. SHOULD BE EQUAL TO KOLBE WINDOWS AND DOORS 'ULTRA SERIES STERLING', UNLESS NOTED OTHERWISE.
3. VERIFY ALL JAMB DEPTHS W/ JAMB DETAILS AND FIELD CONDITIONS. PROVIDE JAMB EXTENSIONS AS REQ'D.
4. ALL 'METAL CLAD WOOD' AND 'WOOD DOORS AND WINDOWS TO BE FROM THE SAME MANUFACTURER, SEE DOOR AND WINDOW SCHEDULES.
5. FIELD VERIFY ALL EXISTING OPENINGS AND PROVIDE CUSTOM WINDOW SIZES AT ALL EXISTING WINDOW LOCATIONS.

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Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

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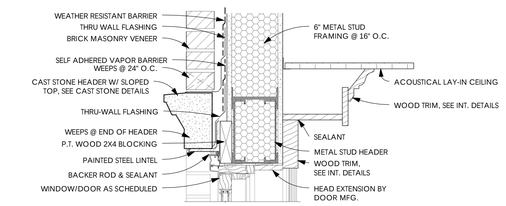
Contractor must verify all dimensions prior to construction.

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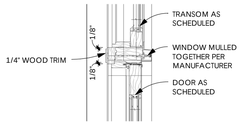
Door/Window Schedule

SHEET NUMBER A5.1

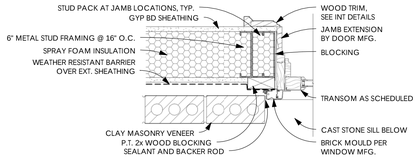
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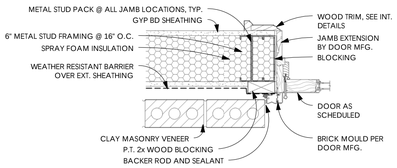
1 A5.2 TYP. HEAD @ CLAD TRANSOM
1 1/2" = 1'-0"



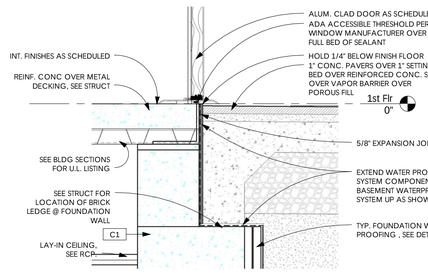
2 A5.2 TYP. MULL @ CLAD EXT. DOOR
1 1/2" = 1'-0"



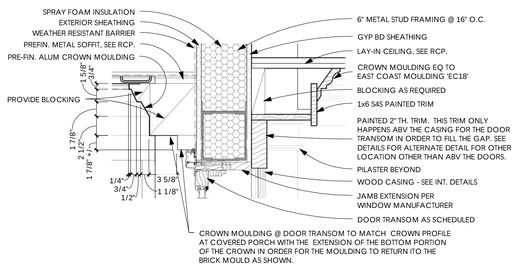
3 A5.2 TYP. JAMB @ CLAD TRANSOM
1 1/2" = 1'-0"



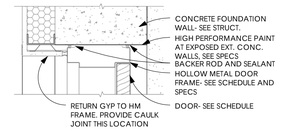
4 A5.2 TYP. JAMB @ CLAD DOOR
1 1/2" = 1'-0"



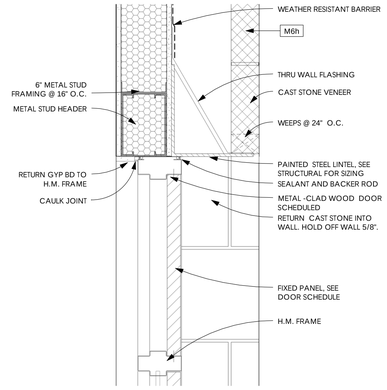
5 A5.2 TYP EXTERIOR DOOR THRESHOLD
1 1/2" = 1'-0"



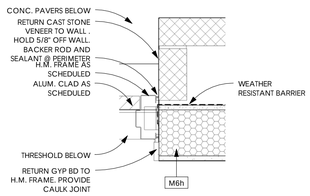
6 A5.2 DOOR TRANSOM DETAIL @ DOOR 101b - HEAD
1 1/2" = 1'-0"



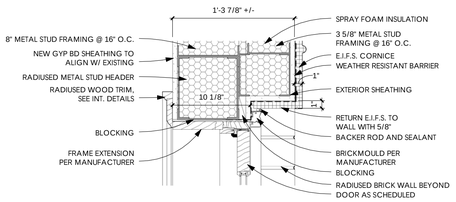
7 A5.2 Head/Jamb - H.M. Door - Conc. Wall
1 1/2" = 1'-0"



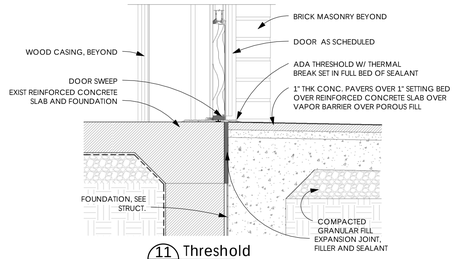
8 A5.2 DOOR DETAIL @ DOOR 100a - HEAD
1 1/2" = 1'-0"



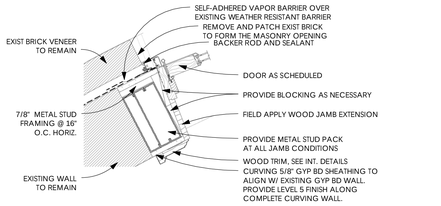
9 A5.2 DOOR DETAIL @ DOOR 100a - JAMB
1 1/2" = 1'-0"



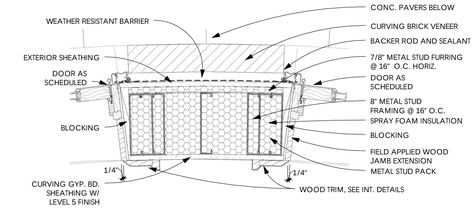
10 A5.2 DOOR DETAIL @ DOOR 117b - HEAD/THRESHOLD
1 1/2" = 1'-0"



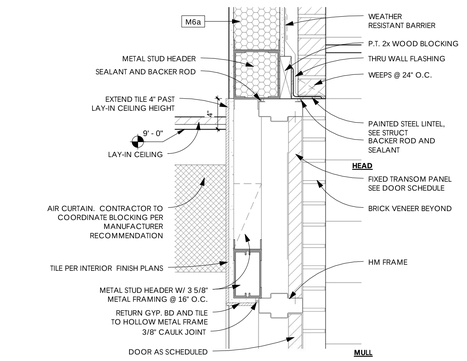
11 A5.2 Threshold
1 1/2" = 1'-0"



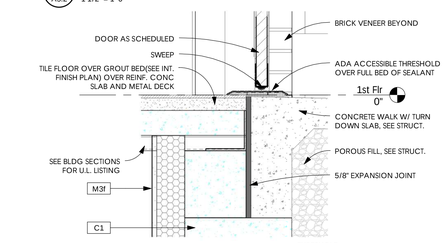
12 A5.2 DOOR DETAIL @ DOOR 117a - JAMB
1 1/2" = 1'-0"



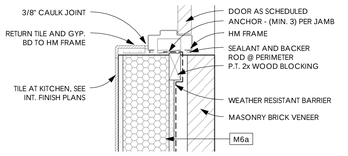
13 A5.2 DOOR DETAIL @ DOOR 117b/c -JAMB
1 1/2" = 1'-0"



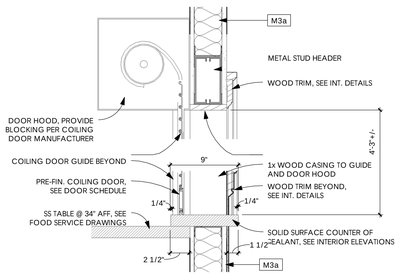
14 A5.2 DOOR DETAIL @ DOOR 104a - HEAD/MULL
1 1/2" = 1'-0"



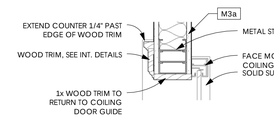
15 A5.2 DOOR DETAIL @ DOOR 104a - THRESHOLD
1 1/2" = 1'-0"



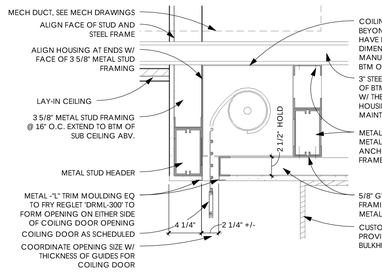
16 A5.2 DOOR DETAIL @ DOOR 104a - JAMB
1 1/2" = 1'-0"



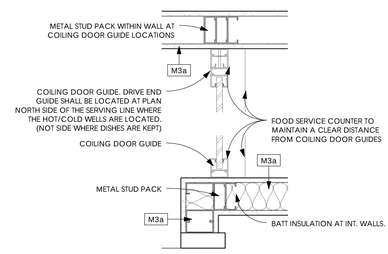
17 A5.2 COILING DOOR JAMB/SILL @ DISHWASH
1 1/2" = 1'-0"



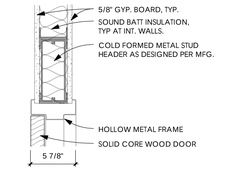
18 A5.2 COILING DOOR JAMB @ DISHWASH
1 1/2" = 1'-0"



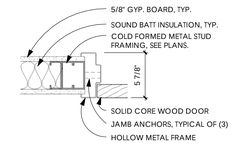
19 A5.2 COILING DOOR HEAD @ SERVING LINE
1 1/2" = 1'-0"



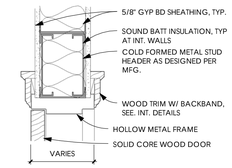
20 A5.2 COILING DOOR JAMB @ SERVING LINE
1 1/2" = 1'-0"



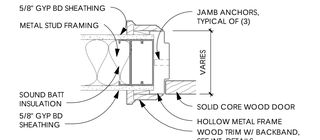
21 A5.2 Head
1 1/2" = 1'-0"



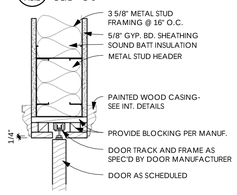
22 A5.2 Jamb
1 1/2" = 1'-0"



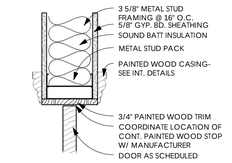
23 A5.2 Head
1 1/2" = 1'-0"



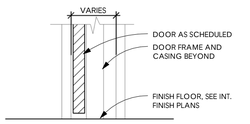
24 A5.2 Jamb
1 1/2" = 1'-0"



25 A5.2 DOOR DETAIL @ POCKET DOOR HEAD
1 1/2" = 1'-0"



26 A5.2 DOOR DETAIL @ POCKET DOOR JAMB
1 1/2" = 1'-0"



27 A5.2 TYP. INT. THRESHOLD DETAIL
1 1/2" = 1'-0"

NOTES

1. VERIFY ALL JAMB DEPTHS WITH JAMB DETAILS & FIELD CONDITIONS. PROVIDE JAMB EXTENSIONS AS REQUIRED.
2. ALL 'METAL CLAD WOOD' AND 'WOOD' DOORS AND WINDOWS SHALL BE PROVIDED FROM THE SAME MANUFACTURER. SEE DOOR AND WINDOW SCHEDULES.
3. REPLACE EXISTING DOOR AND FRAME WITH ALUMINUM CLAD WOOD DOOR AND FRAME. DOOR TYPE TO MATCH EXISTING. SEE DOOR TYPES AND COORDINATE WITH EXISTING CONDITIONS.
4. REPLACE ENTRY DOOR AND FRAME WITH CUSTOM ENTRY DOOR AND FRAME - ALLOWANCE $8,000 PER OPENING FOR CUSTOM DOORS. INCLUDE INSTALLATION COSTS IN BASE BID.
5. DOOR E11 - DOOR SWING & HINGE LOCATION TO BE REVERSED AS INDICATED ON PLANS. MODIFY EXISITNG FRAME AS REQURED FOR NEW CONFIGURAITON. PAINT.
6. NEW FRAME & DOOR AS SCHEDULED. DOOR SWING TO BE REVERSED AS DENOTED ON PLAN. PROVIDE NEW CMU INFIL ABOVE FRAME TO MAINTAIN FIRE RATING.

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MICHAEL A. ELLIS
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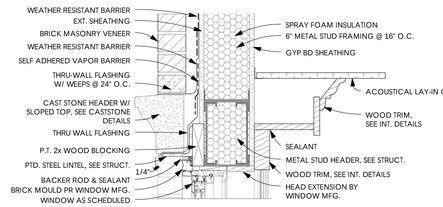
Contractor must verify all dimensions prior to construction.

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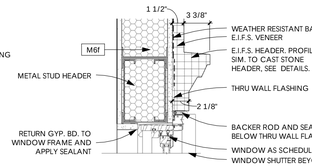
Door Details

SHEET NUMBER A5.2

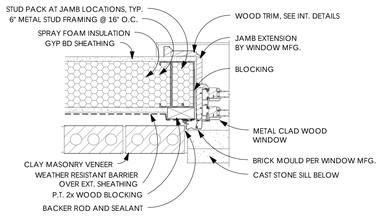
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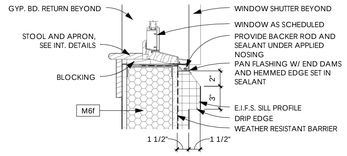
1 WINDOW HEAD DETAIL
A5.3 1 1/2" = 1'-0"



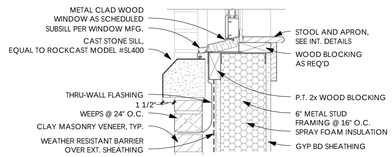
4 WINDOW HEAD DETAIL @ E.I.F.S.
A5.3 1 1/2" = 1'-0"



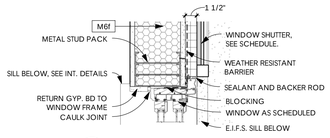
2 WINDOW JAMB DETAIL
A5.3 1 1/2" = 1'-0"



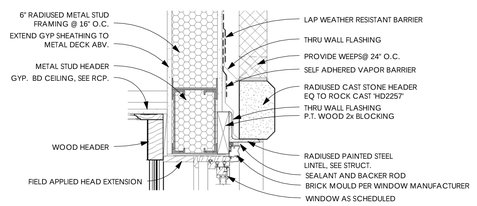
5 WINDOW DETAIL @ TYPE B - SILL - EIFS
A5.3 1 1/2" = 1'-0"



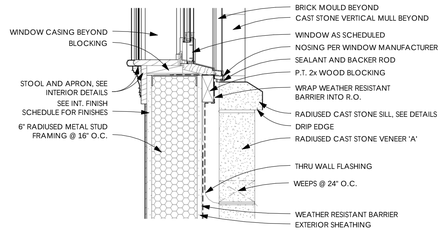
3 WINDOW SILL DETAIL
A5.3 1 1/2" = 1'-0"



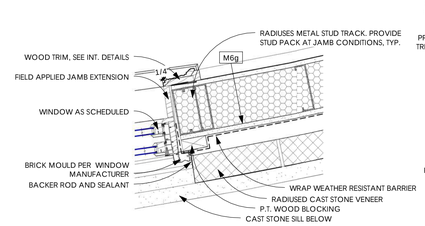
6 JAMB DETAIL @ E.I.F.S.
A5.3 1 1/2" = 1'-0"



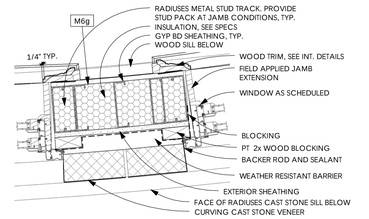
7 WINDOW DETAIL @ TYPE A - HEAD- BAY
A5.3 1 1/2" = 1'-0"



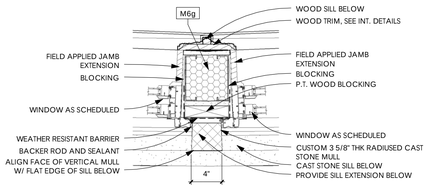
8 WINDOW DETAIL @ TYPE A - SILL - BAY
A5.3 1 1/2" = 1'-0"



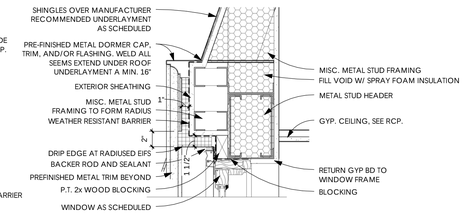
9 JAMB DETAIL @ DINING BAY
A5.3 1 1/2" = 1'-0"



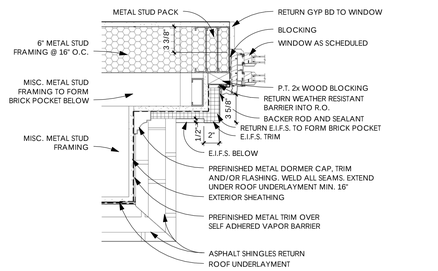
10 JAMB DETAIL @ DINING BAY
A5.3 1 1/2" = 1'-0"



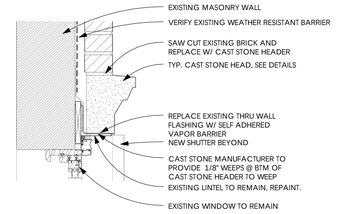
11 JAMB DETAIL @ DINING BAY
A5.3 1 1/2" = 1'-0"



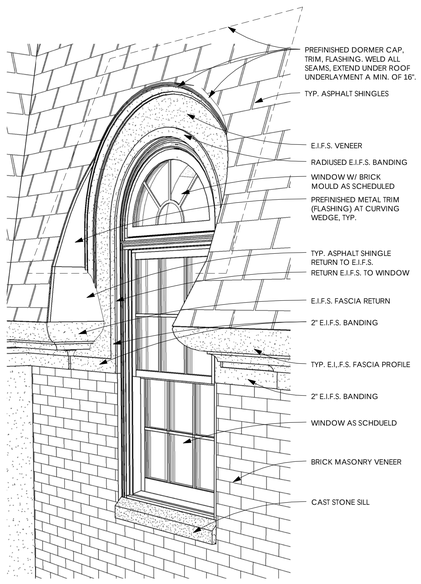
12 WINDOW HEAD DETAIL @ TYPE C
A5.3 1 1/2" = 1'-0"



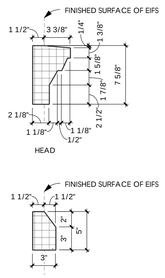
13 WINDOW JAMB DETAIL @ TYPE C - HIGH
A5.3 1 1/2" = 1'-0"



14 TYP. NEW CAST STONE HEADER @ EXISTING WINDOWS
A5.3 1 1/2" = 1'-0"



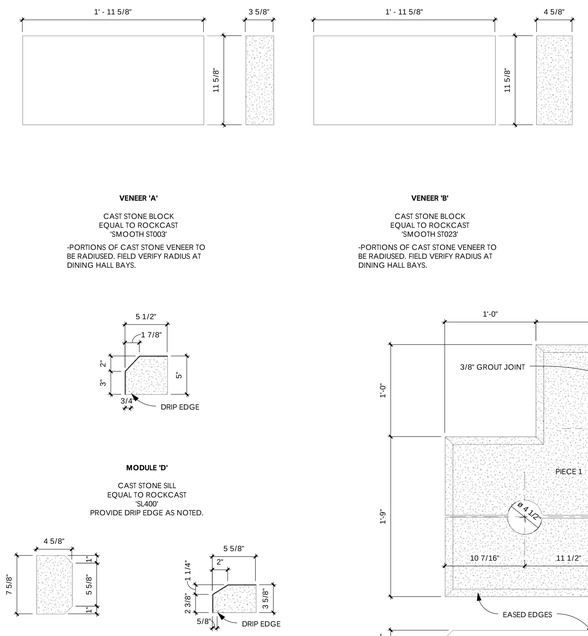
15 WINDOW TYPE 'C' 3-D VIEW
A5.3



17 TYPICAL EIFS PROFILES
A5.3 1 1/2" = 1'-0"

CAST STONE GENERAL NOTES

1. ALL CAST STONE AND ANCHORAGE SHALL BE PER CAST STONE INSTITUTE'S TECHNICAL MANUAL REQUIREMENTS AND RECOMMENDATIONS.
2. CAST STONE DIMENSIONS ARE ACTUAL(NOT NOMINAL) UNLESS NOTED OTHERWISE.
3. FIELD VERIFY FIT OF CAST STONE MODULES WITHIN BRICK OPENINGS PRIOR TO SUBMITTING CAST STONE SHOP DRAWINGS, PRIOR TO SELECTIVE MASONRY DEMOLITION WHERE CAST STONE WILL REPLACE EXISTING BRICK, AND PRIOR TO INSTALLATION.
4. CAST STONE ANCHORAGE SHOWN IN THESE DRAWINGS IS MEANT TO ONLY CONVEY GENERAL DESIGN INTENT. ANCHORAGE SHALL BE AS DESIGNED BY CAST STONE MANUFACTURER. ANCHORAGE, INCLUDING MISCELLANEOUS STEEL SHAPES, SHALL NOT RESULT IN ANY ADDITIONAL COST.



16 CAST STONE PROFILES
A5.3 1 1/2" = 1'-0"

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STATE OF ALABAMA
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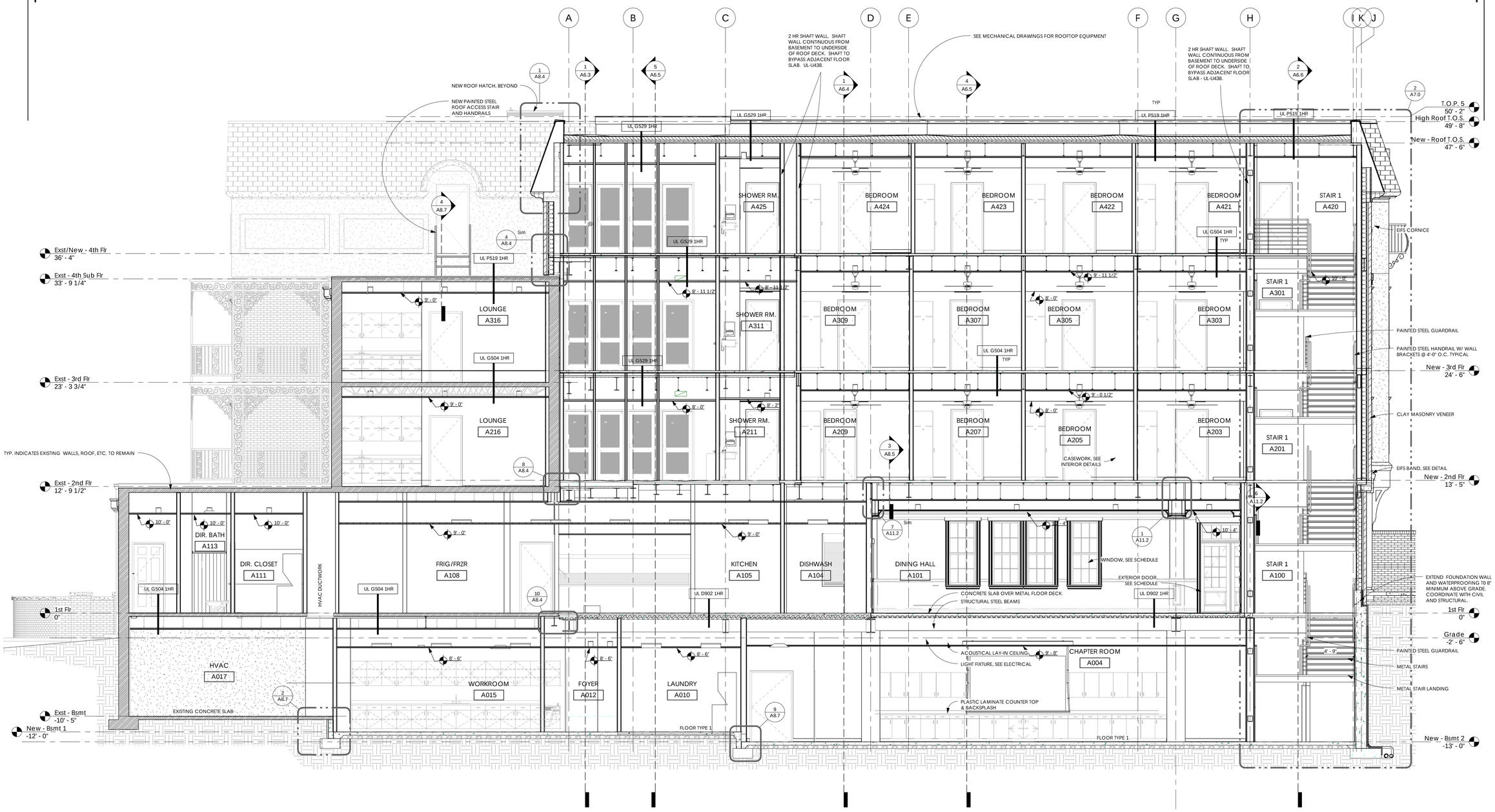
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Window Details

SHEET NUMBER A5.3

1/18/2013 4:01:33 PM



1 A6.0 LONGITUDINAL SECTION THRU STAIR LANDING
1/4" = 1'-0"

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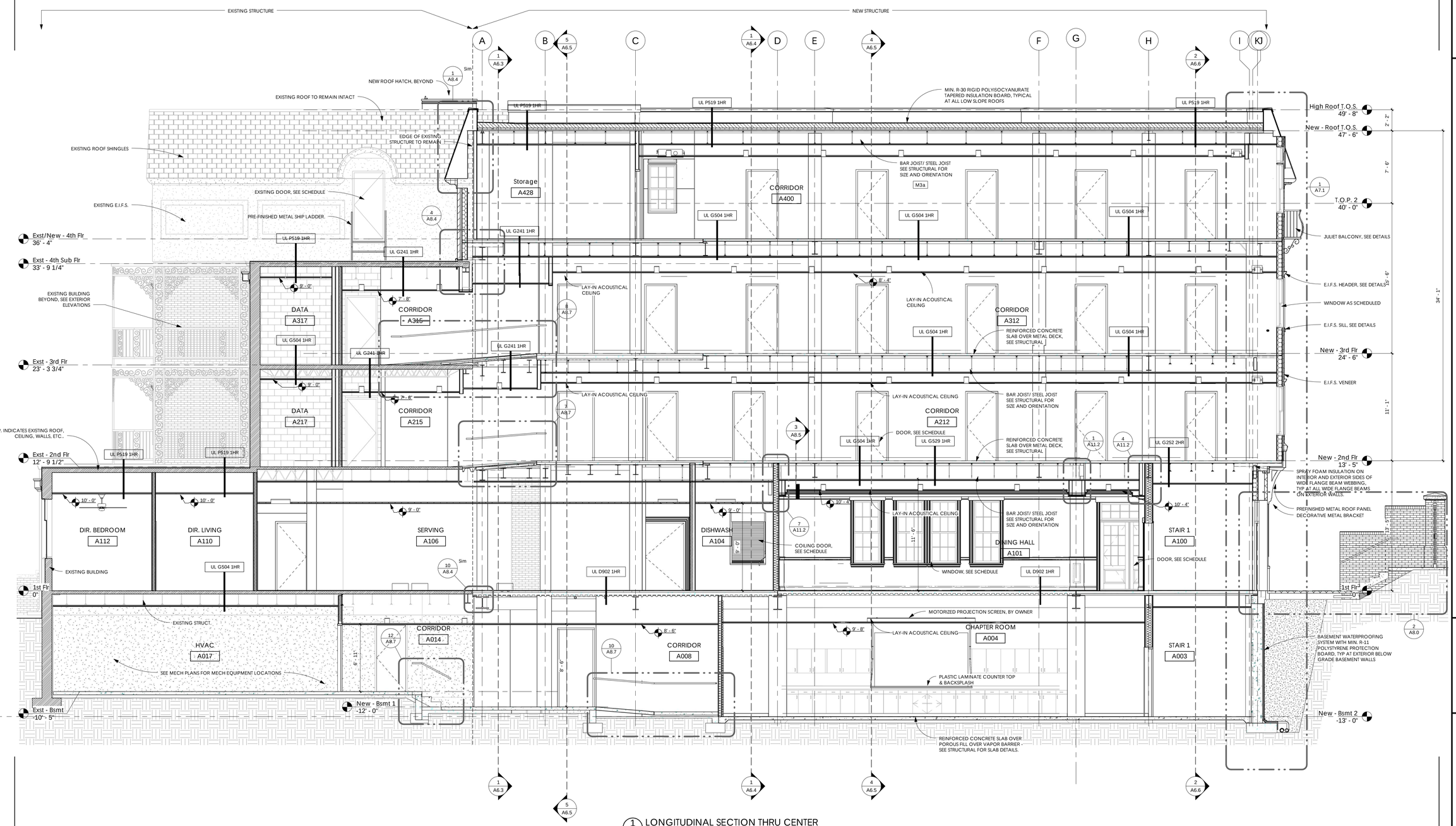
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Building Sections

SHEET NUMBER A6.0

1/18/2013 4:02:53 PM



1 LONGITUDINAL SECTION THRU CENTER
A6.1 1/4" = 1'-0"

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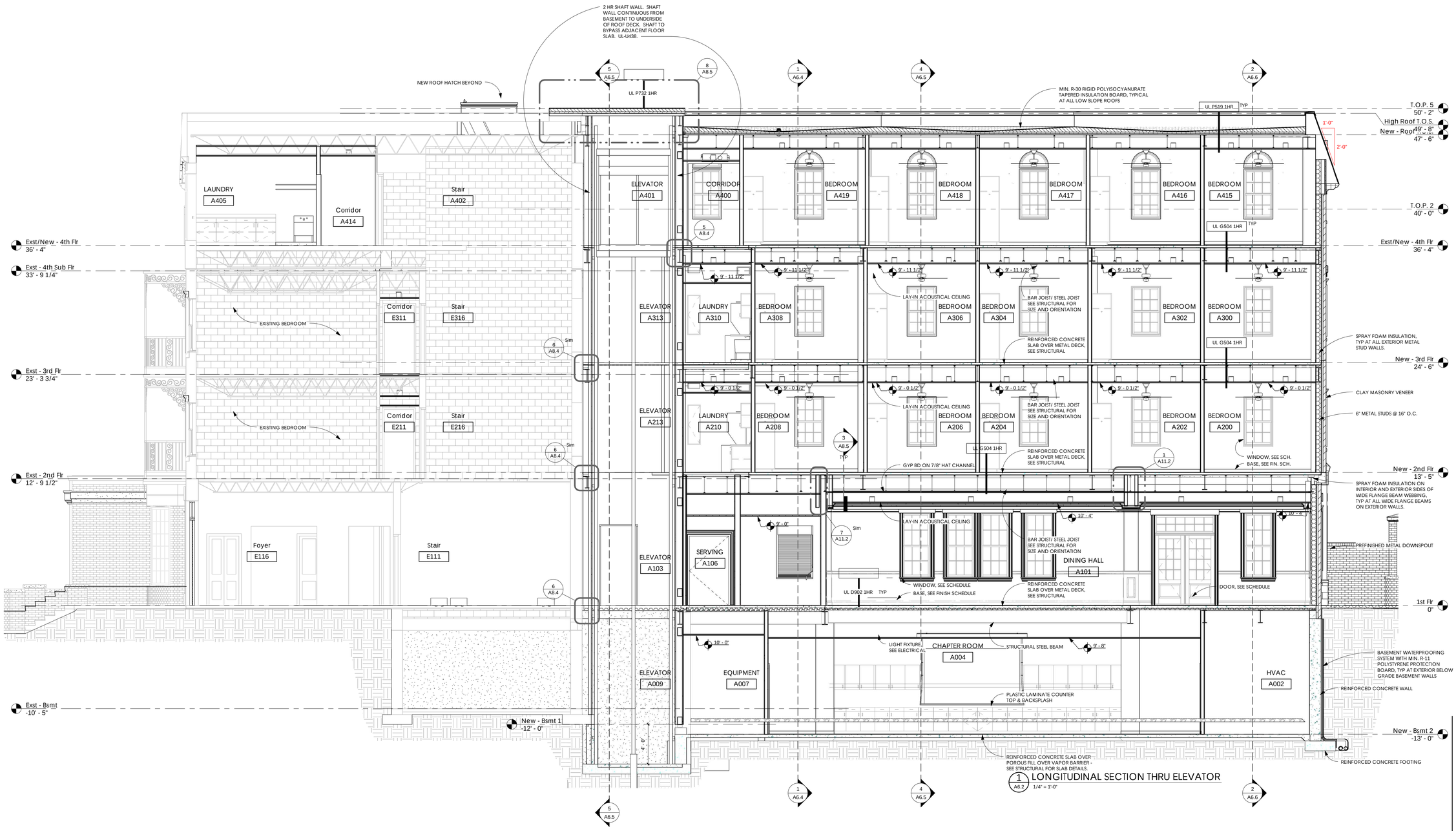
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Building Sections

SHEET NUMBER A6.1

1/18/2013 4:03:56 PM



1 A6.2 LONGITUDINAL SECTION THRU ELEVATOR
1/4" = 1'-0"

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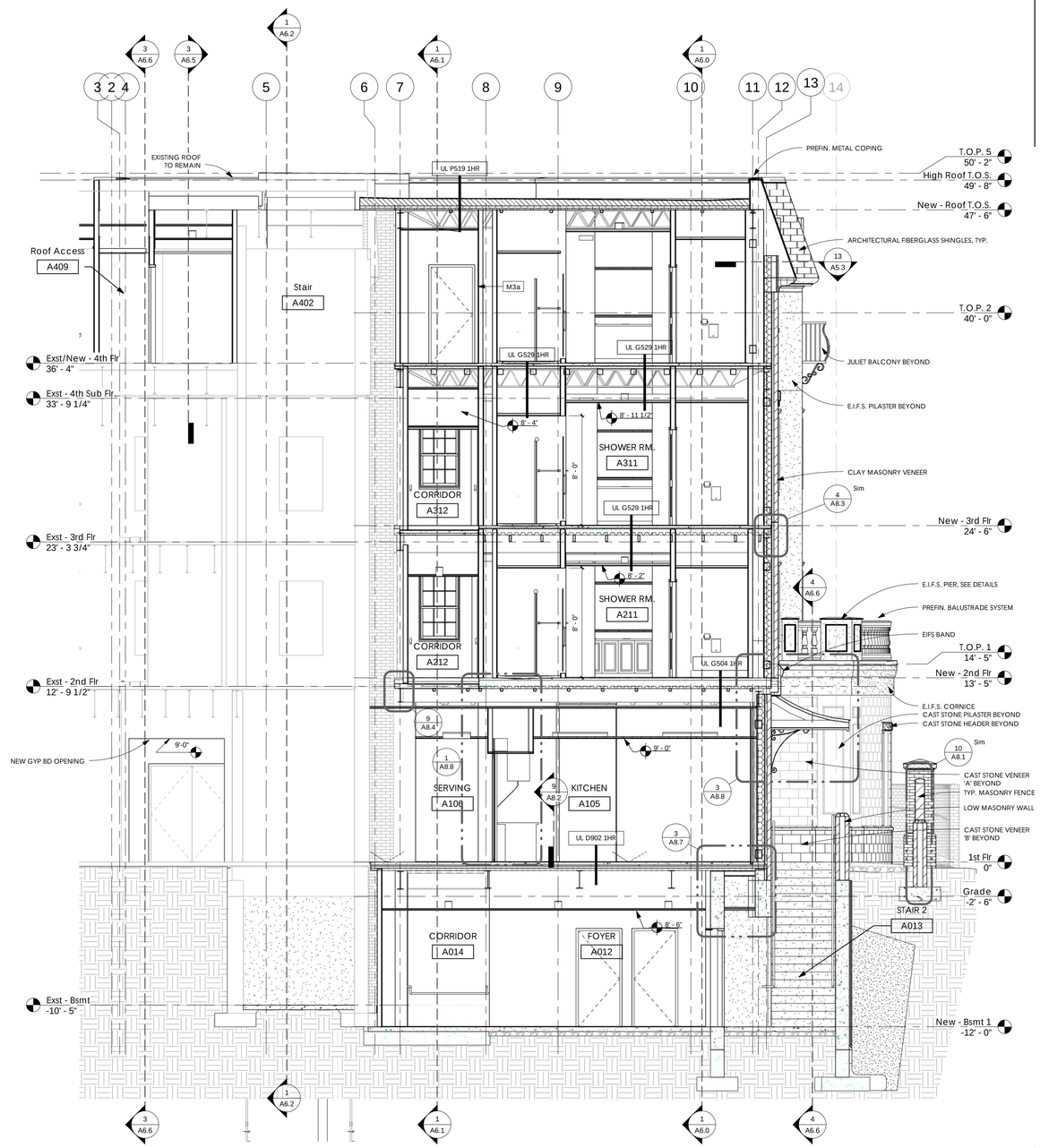
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Building Sections

SHEET NUMBER A6.2

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1 A6.3 CROSS-SECTION THRU EXISTING & SERVING
1/4" = 1'-0"

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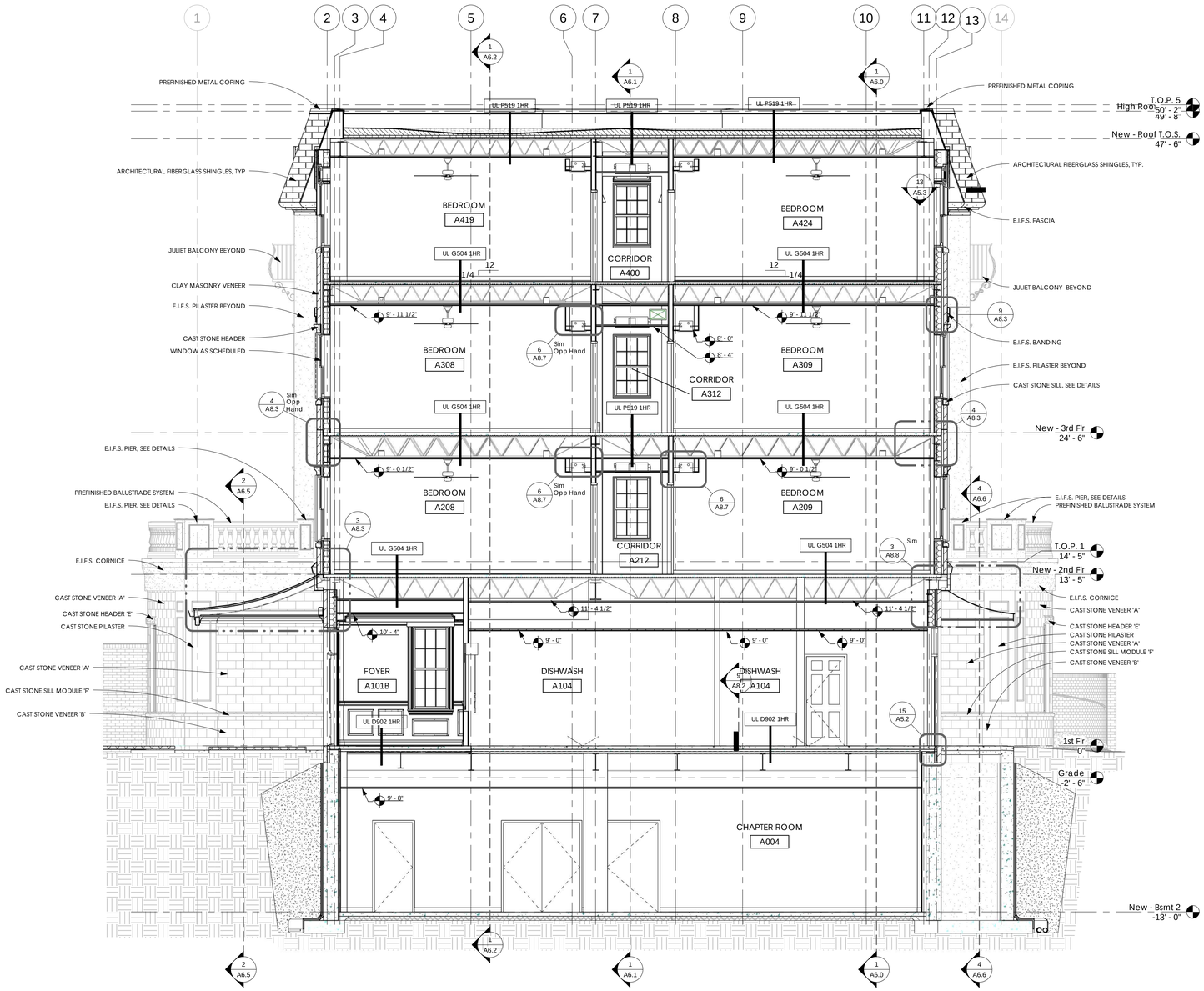
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Building Sections

SHEET NUMBER A6.3

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1 A6.4 CROSS-SECTION THRU DISHWASH

1/4" = 1'-0"

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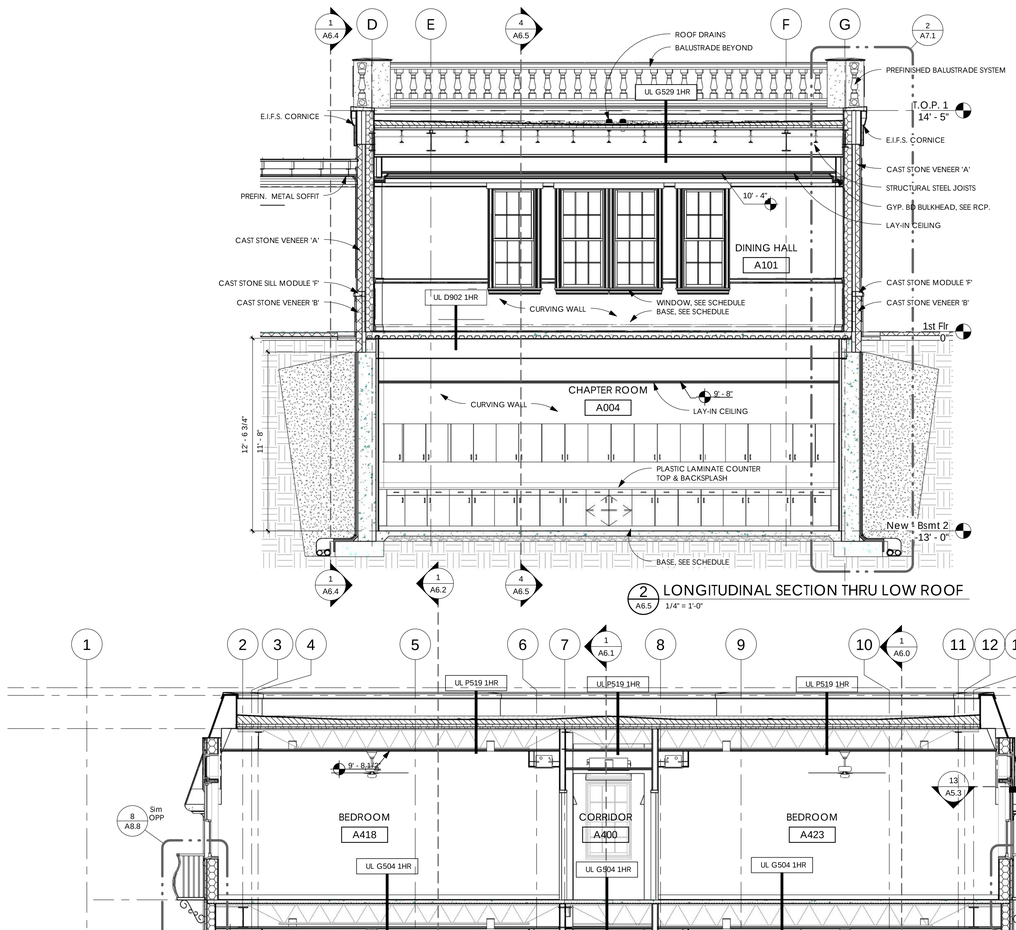
Contractor must verify all dimensions prior to construction.

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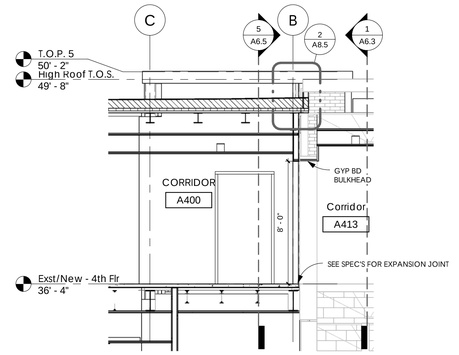
Building Section

SHEET NUMBER A6.4

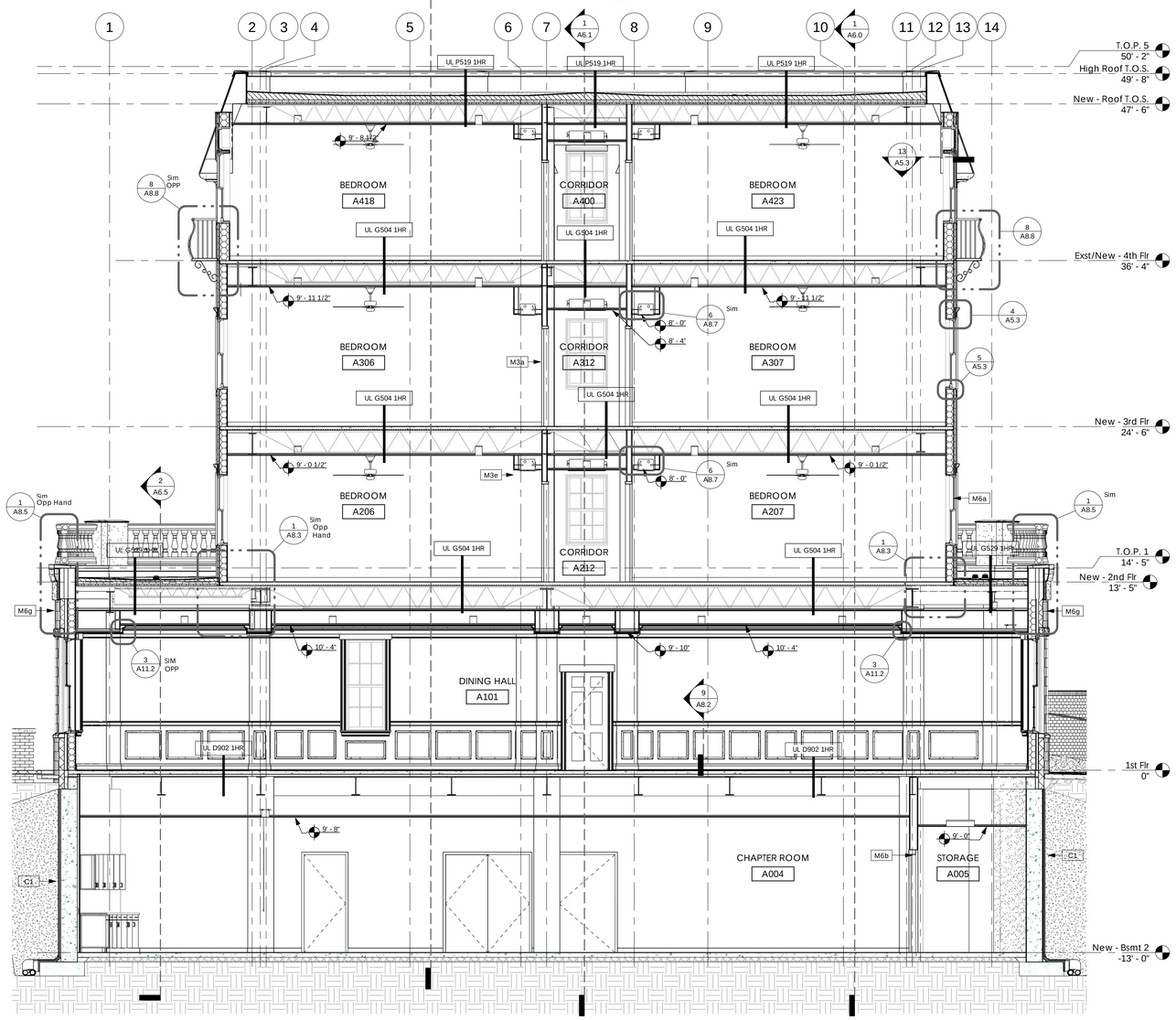
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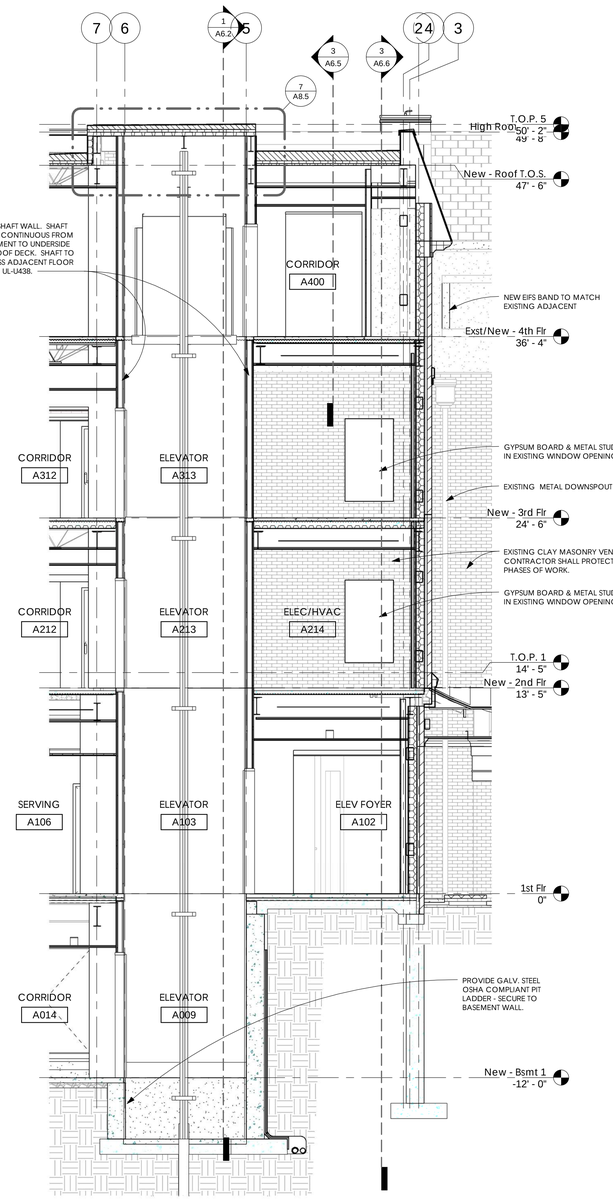
2 A6.5 LONGITUDINAL SECTION THRU LOW ROOF
1/4" = 1'-0"



3 A6.5 LONGITUDINAL SECTION THRU FOYER A400
1/4" = 1'-0"



4 A6.5 CROSS-SECTION THRU DINING HALL
1/4" = 1'-0"



5 A6.5 CROSS-SECTION THRU ELEVATOR/HVAC
1/4" = 1'-0"

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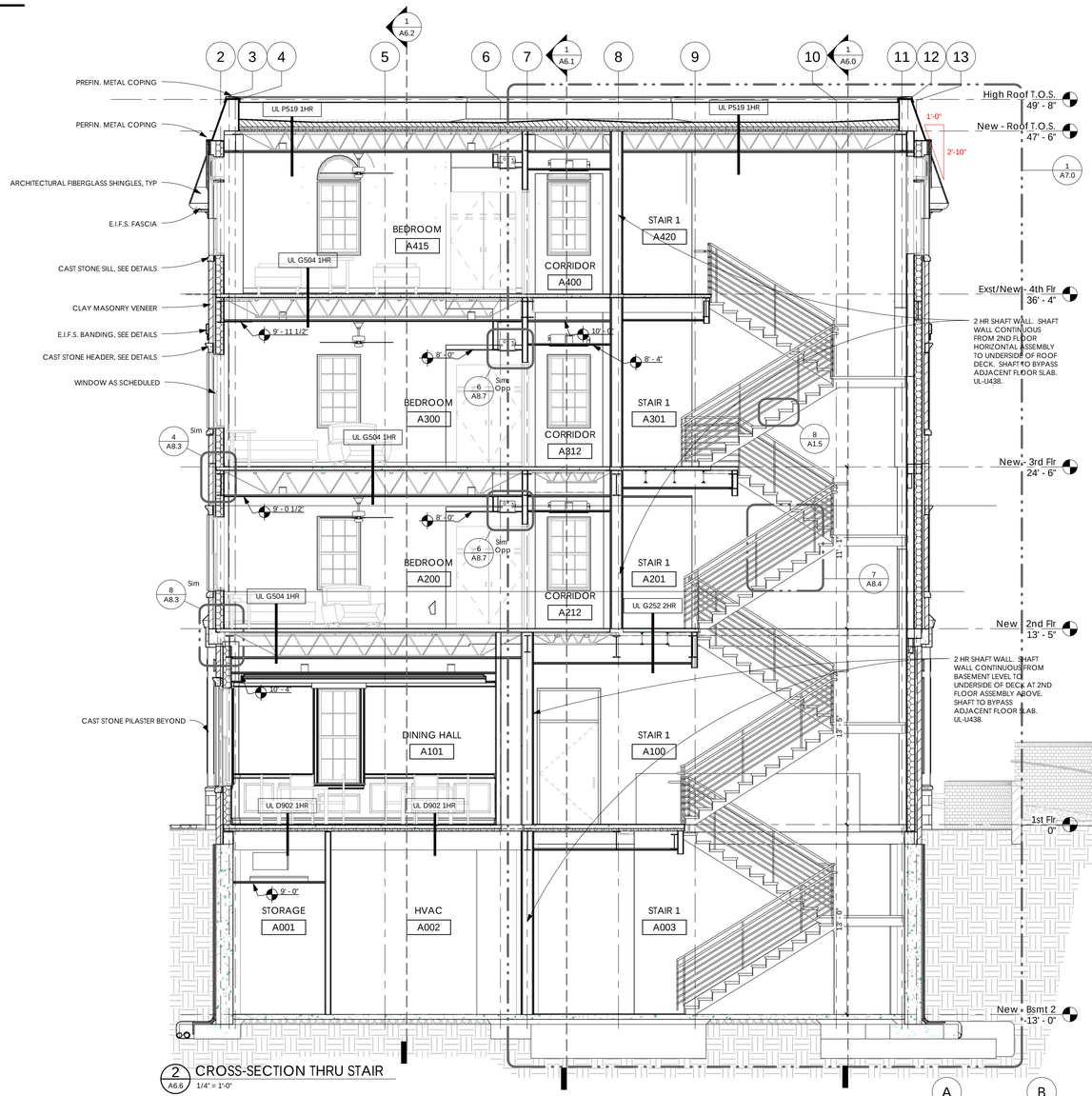
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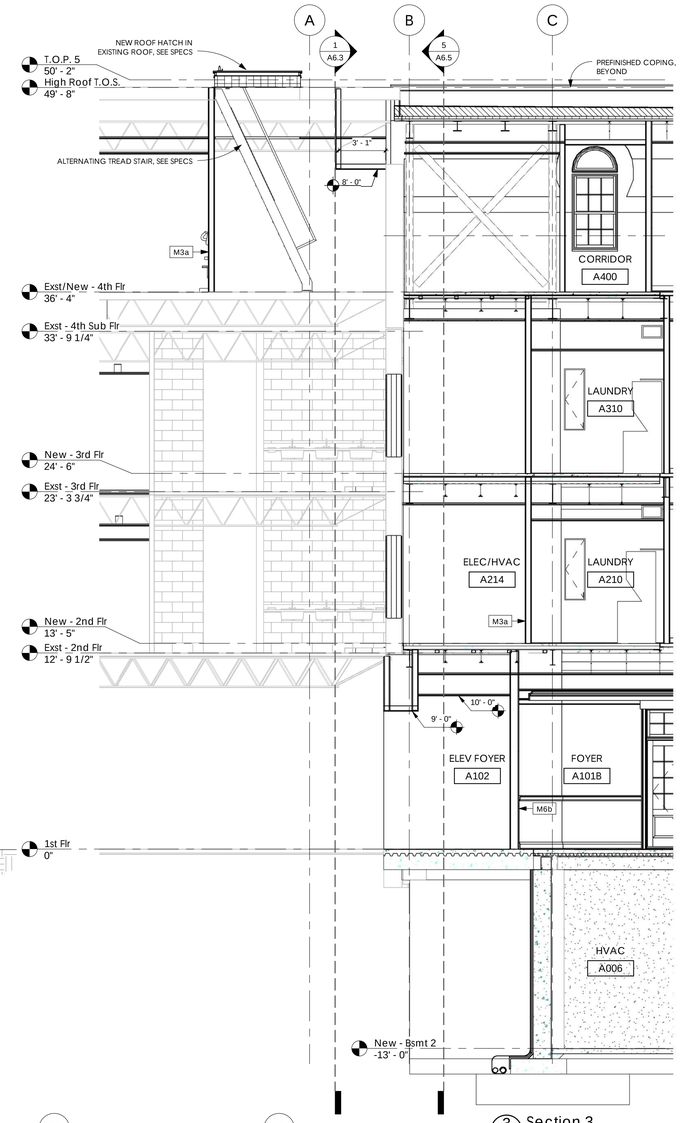
Building Sections

SHEET NUMBER A6.5

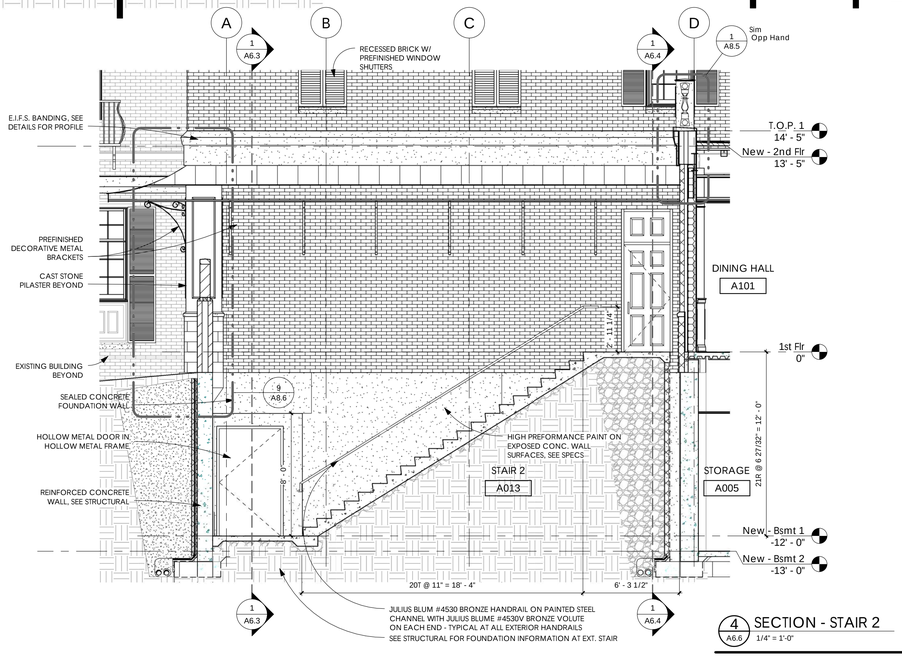
1/18/2013 4:10:14 PM



2 CROSS-SECTION THRU STAIR
A6.6 1/4" = 1'-0"



3 Section 3
A6.6 1/4" = 1'-0"



4 SECTION - STAIR 2
A6.6 1/4" = 1'-0"

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Interior Renovations and Additions for:

Chi Omega Sorority

The University of Alabama Campus
UA Project Number 910-12-024
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

STATE OF ALABAMA
MICHAEL A. ELLIS
3692
REGISTERED ARCHITECT

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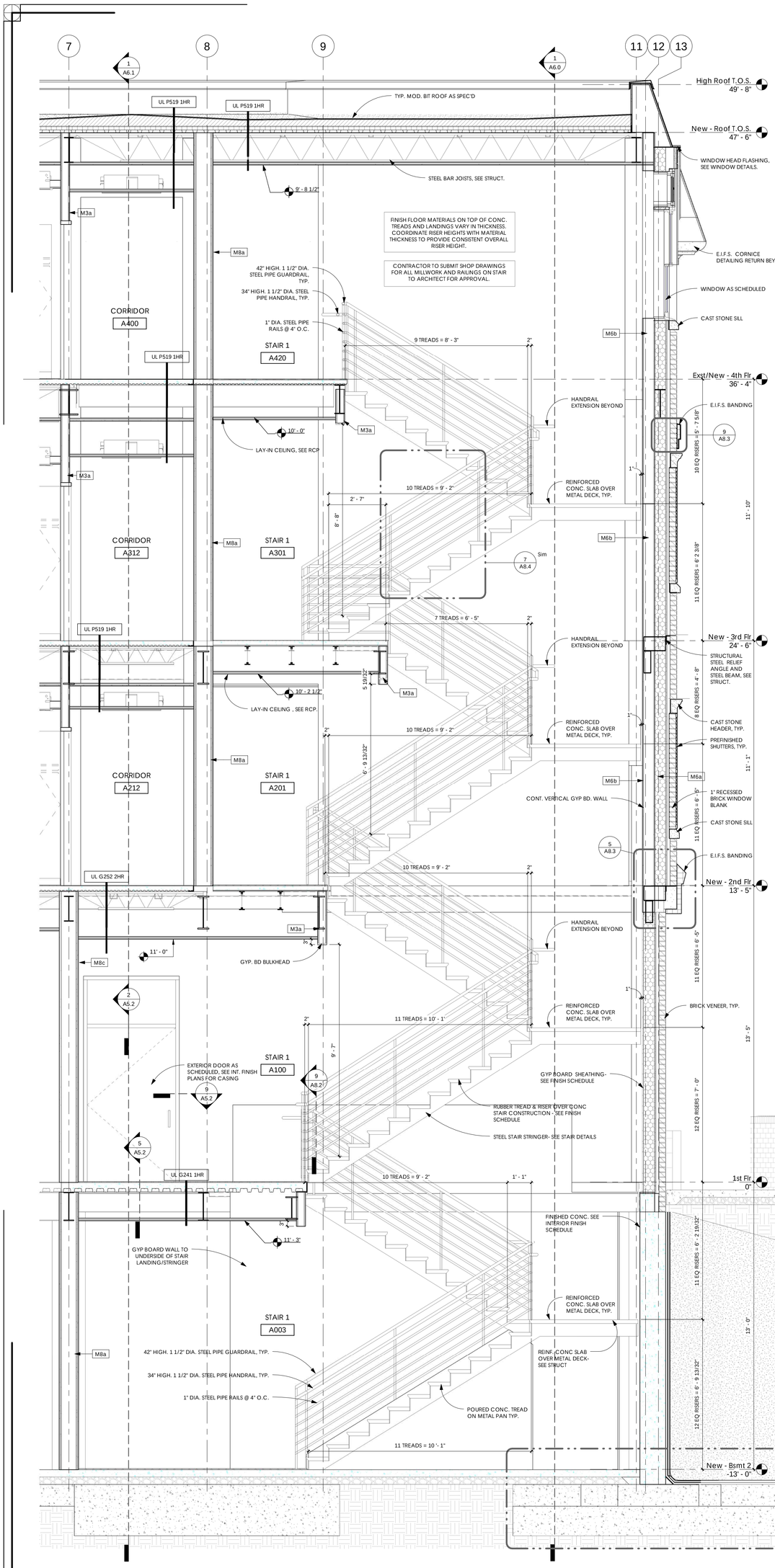
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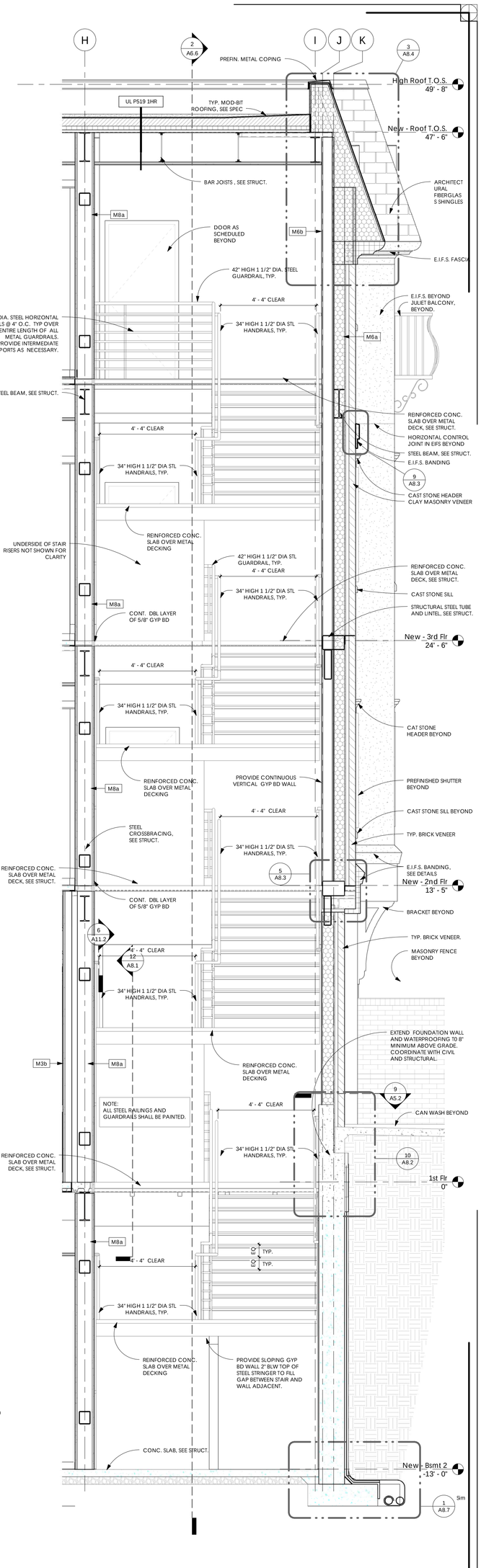
Building Section

SHEET NUMBER A6.6

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1 A7.0 WALL SECTION - SOUTH WALL @ STAIR LANDING
1/2" = 1'-0"



2 A7.0 WALL SECTION - EAST WALL @ STAIR LANDING
1/2" = 1'-0"

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STATE OF ALABAMA REGISTERED ARCHITECT MICHAEL A. ELLIS 3692

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Interior Renovations and Additions for:

Chi Omega Sorority

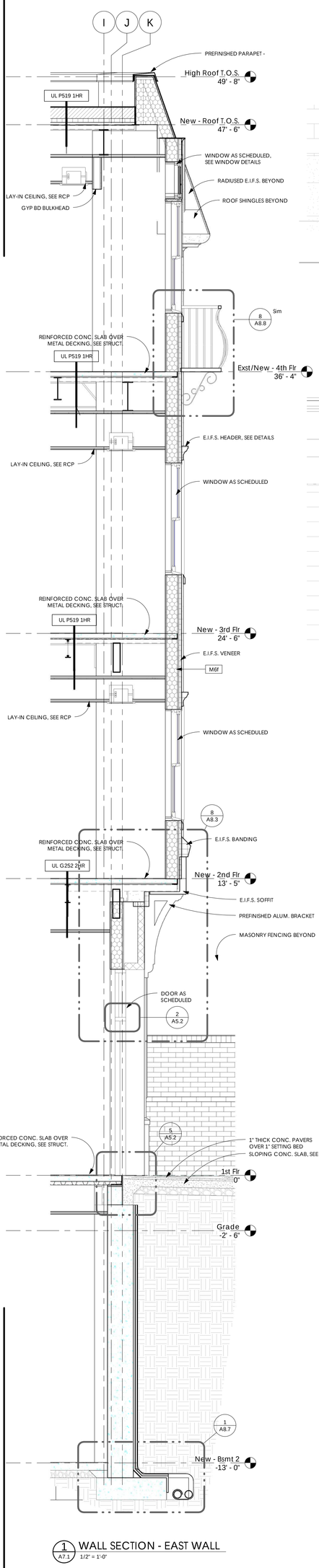
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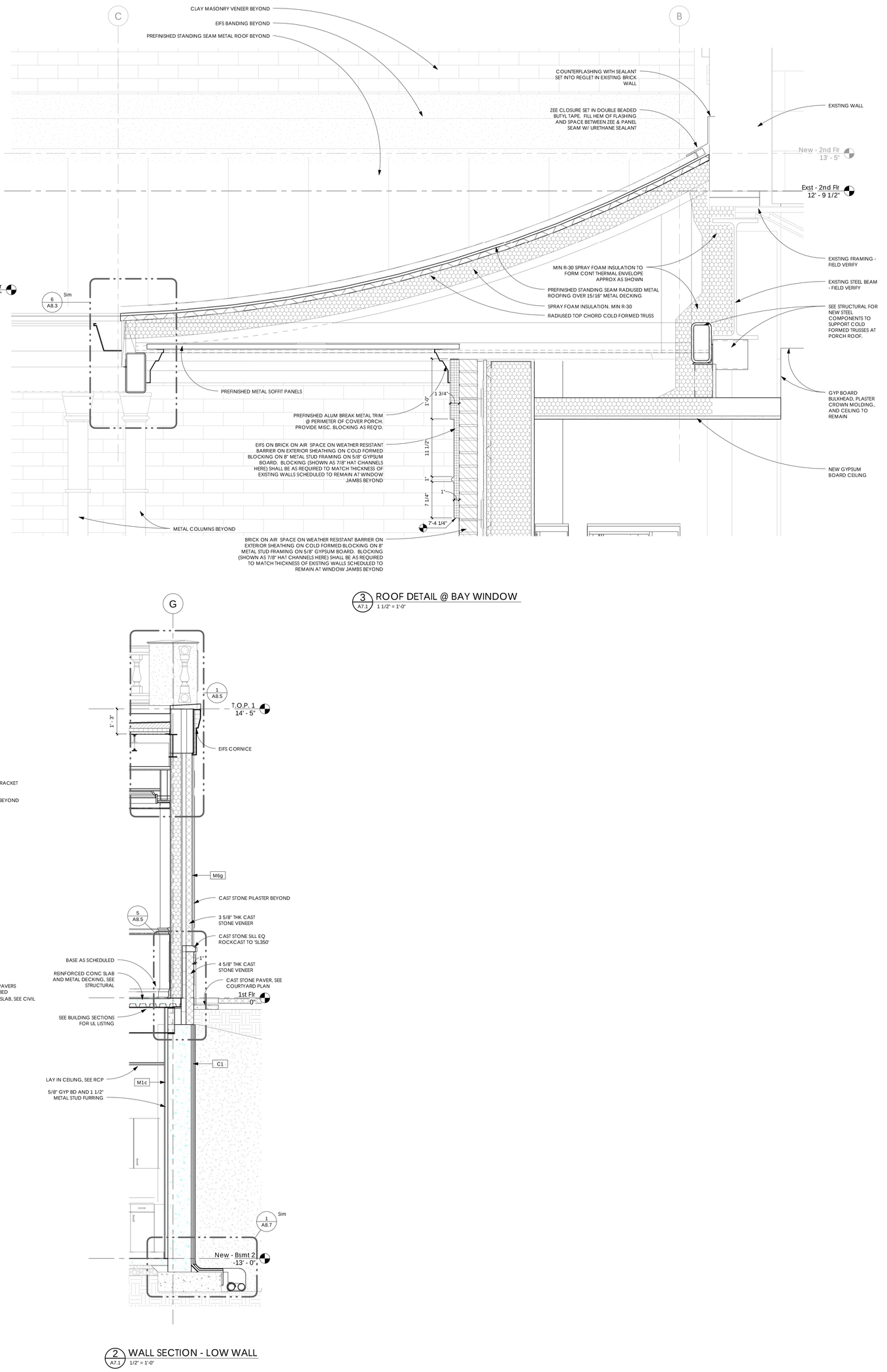
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Wall & Stair Sections

SHEET NUMBER A7.0



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



3 ROOF DETAIL @ BAY WINDOW
A7.1 1 1/2" = 1'-0"

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

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SHEET NUMBER A7.1

Wall Sections

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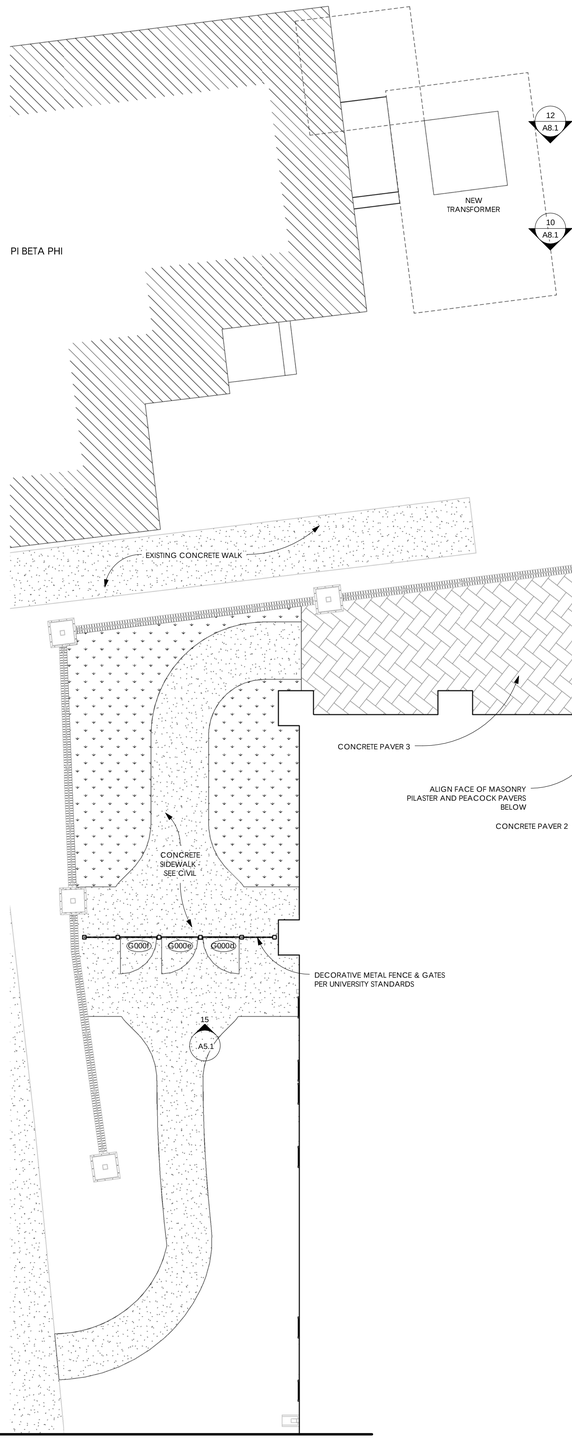
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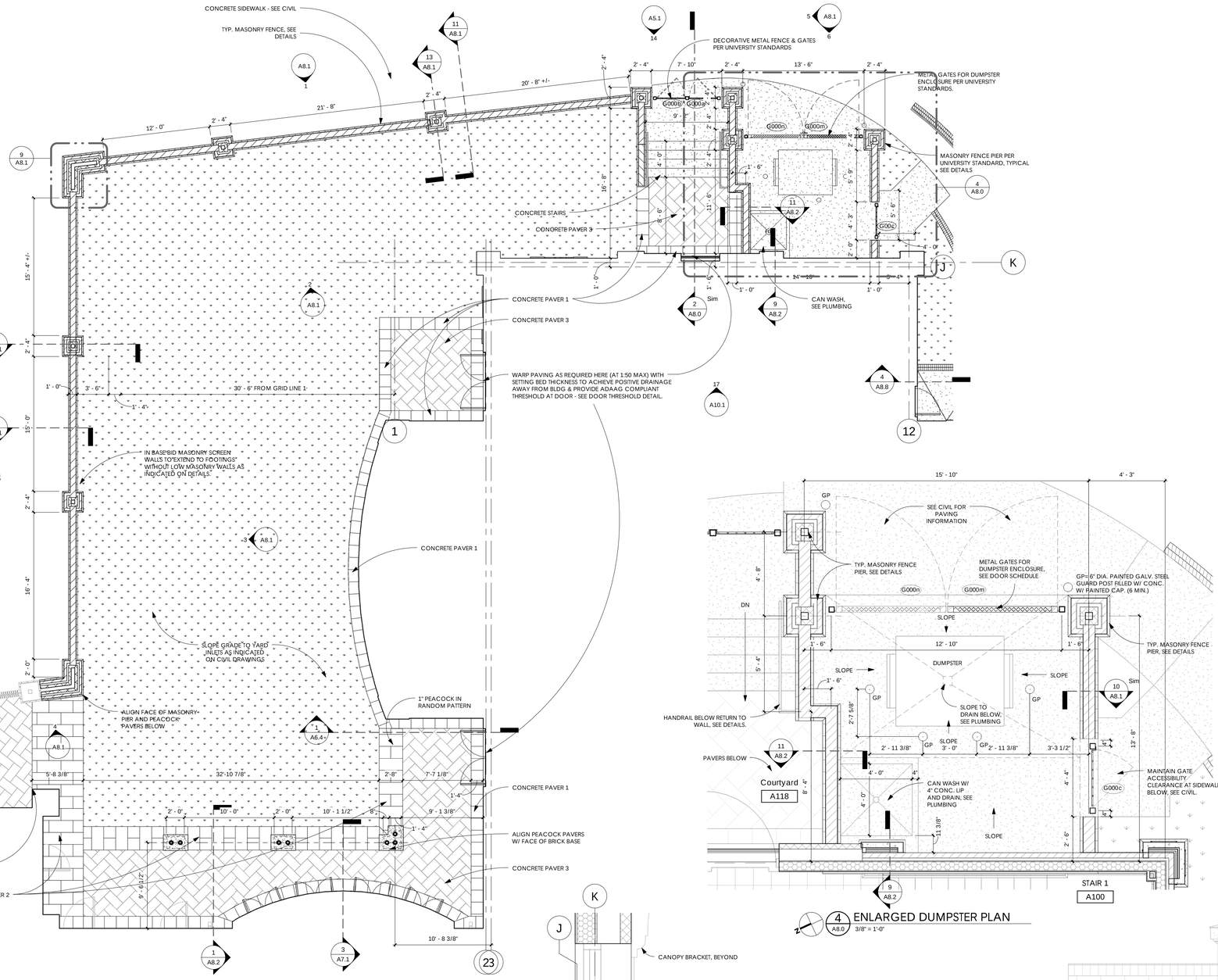
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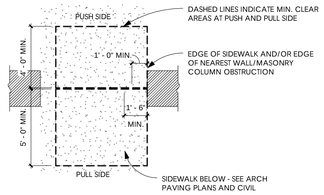
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1 A8.0 PARTIAL ARCHITECTURAL PAVING & FENCING PLAN
3/16" = 1'-0"

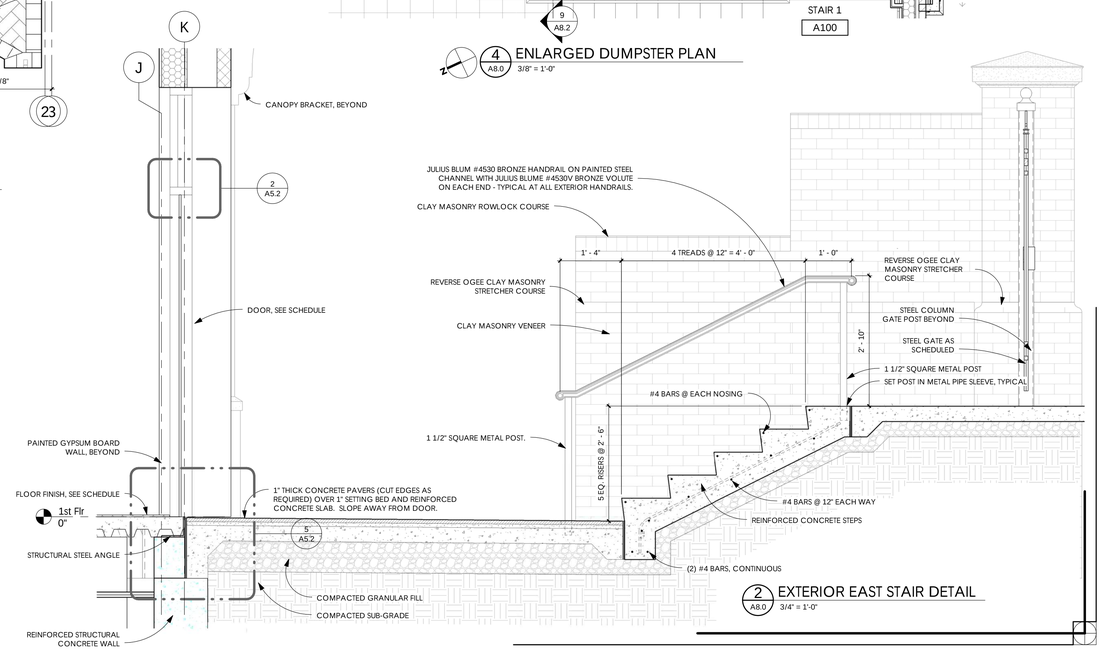


3 A8.0 TYPICAL GATE CLEARANCES FOR ACCESSIBILITY
1/4" = 1'-0"

PAVING KEY NOTES

ARROWS AND NOTES INDICATE SLOPE & WARPING FOR POSITIVE DRAINAGE (AWAY FROM BUILDING AND AWAY FROM CURVED WALL) AND ADAAG COMPLIANCE. CONCRETE SLAB BENEATH CONCRETE PAVERS SHALL HAVE A UNIFORM SLOPE FROM EAST (HIGH SIDE) TO WEST (LOW SIDE). WARPING SCHEME SHOWN HERE IS DIAGRAMMATIC ONLY. WARP AS REQUIRED FOR DRAINAGE @ 1:50 MAX. WARPING SHALL BE ACCOMPLISHED WITH SETTING BED THICKNESS AND PAVERS. WARPING AND PAVER CONFIGURATION SHALL BE SUCH THAT NO PAVER EDGES ARE MORE THAN 1/16" HIGHER OR LOWER THAN EDGES OF ADJACENT PAVERS. WARPING & SLOPING SHALL BE SUCH THAT ALL DOOR THRESHOLDS AT THIS PORCH ARE ADAAG COMPLIANT (SEE THRESHOLD DETAILS).

4 A8.0 ENLARGED DUMPSTER PLAN
3/8" = 1'-0"



2 A8.0 EXTERIOR EAST STAIR DETAIL
3/4" = 1'-0"

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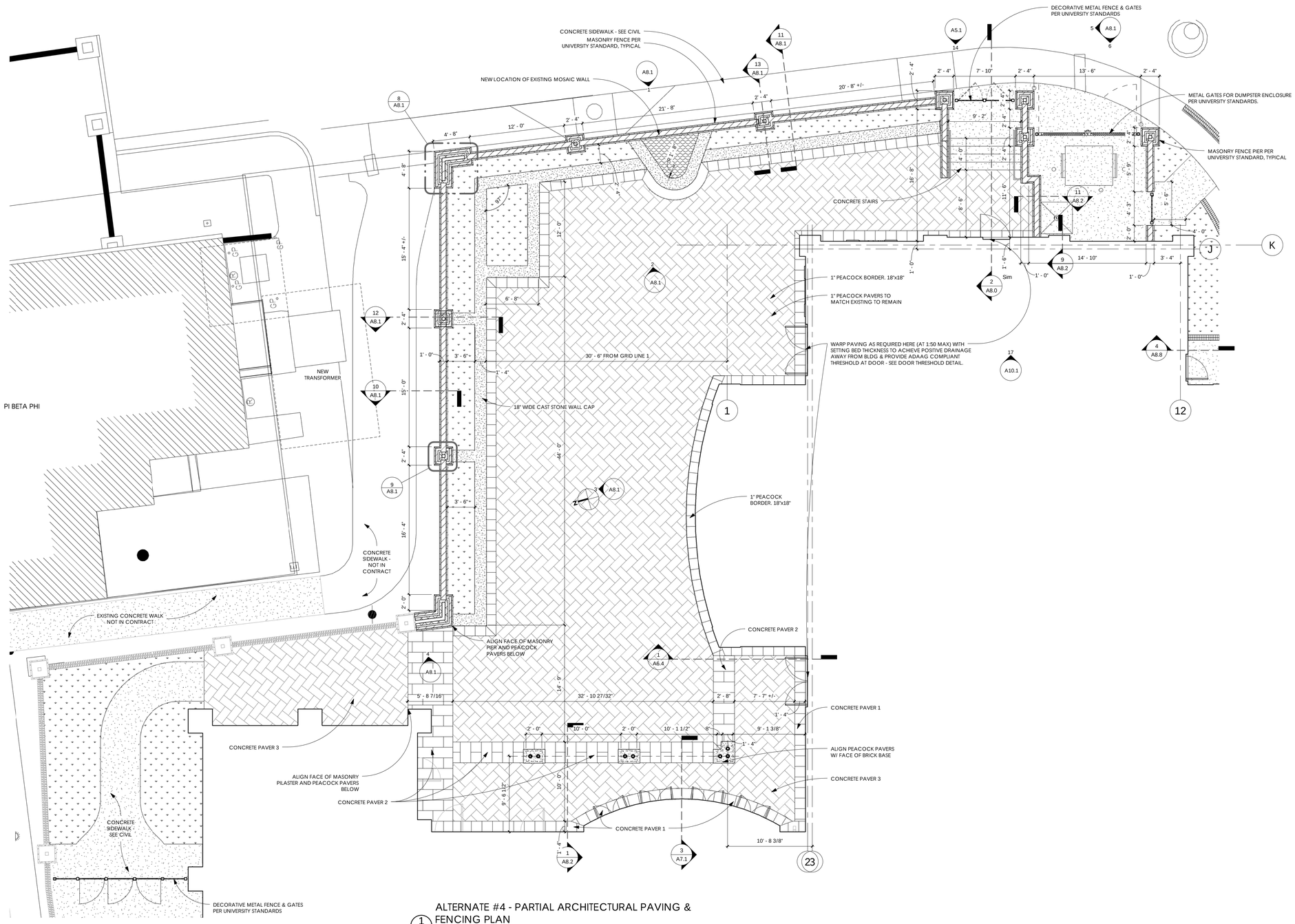
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Paving and Fencing Plan

SHEET NUMBER A8.0

1/18/2013 3:58:51 PM



1 ALTERNATE #4 - PARTIAL ARCHITECTURAL PAVING & FENCING PLAN

A8.0A — 3/16" = 1'-0"

PAVING KEY NOTES

ARROWS AND NOTES INDICATE SLOPE & WARPING FOR POSITIVE DRAINAGE (AWAY FROM BUILDING AND AWAY FROM CURVED WALL) AND ADAAG COMPLIANCE. CONCRETE SLAB BENEATH CONCRETE PAVERS SHALL HAVE A UNIFORM SLOPE FROM EAST (HIGH SIDE) TO WEST (LOW SIDE). WARPING SCHEME SHOWN HERE IS DIAGRAMMATIC ONLY. WARP AS REQUIRED FOR DRAINAGE @ 1:50 MAX. WARPING SHALL BE ACCOMPLISHED WITH SETTING BED THICKNESS AND PAVERS. WARPING AND PAVER CONFIGURATION SHALL BE SUCH THAT NO PAVER EDGES ARE MORE THAN 1/16" HIGHER OR LOWER THAN EDGES OF ADJACENT PAVERS. WARPING & SLOPING SHALL BE SUCH THAT ALL DOOR THRESHOLDS AT THIS PORCH ARE ADAAG COMPLIANT (SEE THRESHOLD DETAILS).

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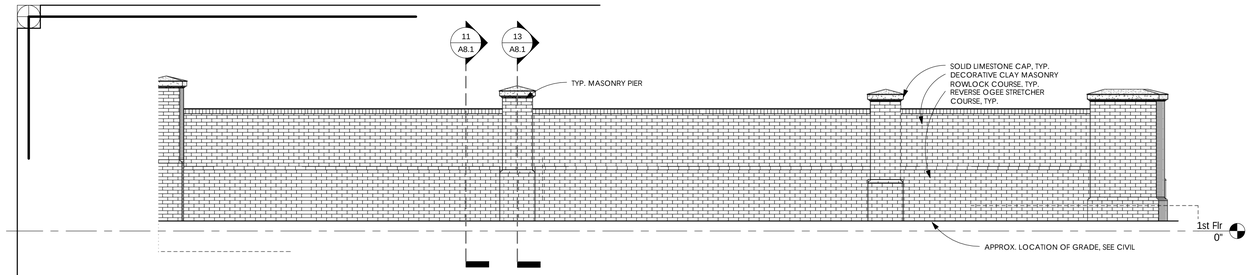
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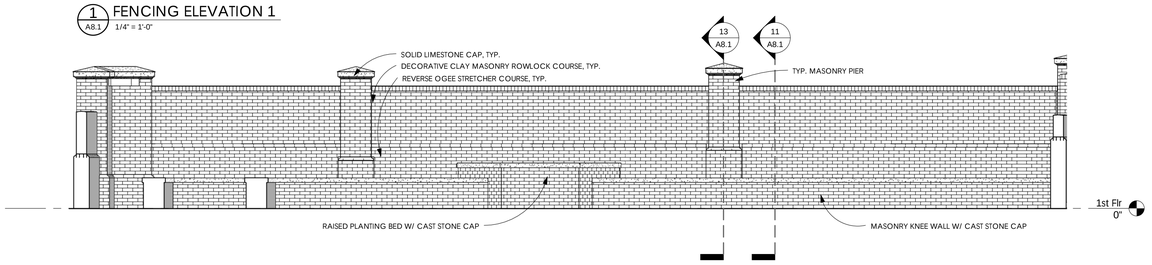
Alt. Paving & Fencing Plan

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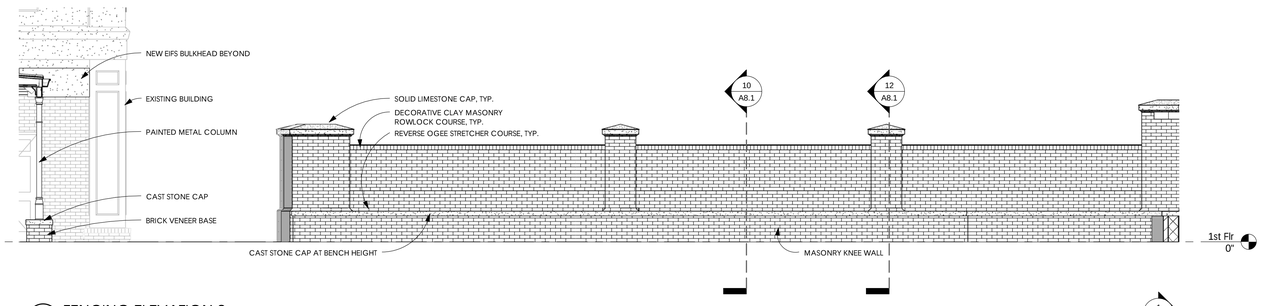
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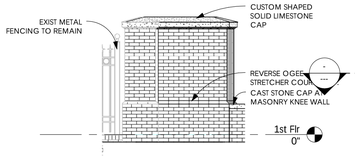
1 A8.1 FENCING ELEVATION 1
1/4" = 1'-0"



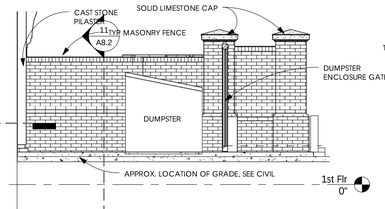
2 A8.1 FENCING ELEVATION 2
1/4" = 1'-0"



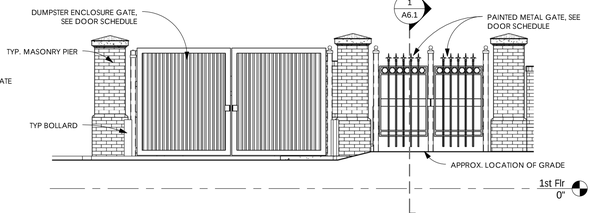
3 A8.1 FENCING ELEVATION 3
1/4" = 1'-0"



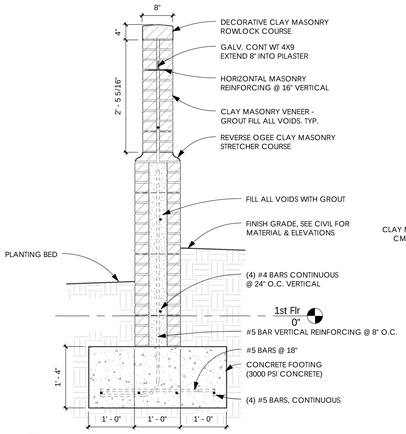
4 A8.1 FENCING ELEVATION 4
1/4" = 1'-0"



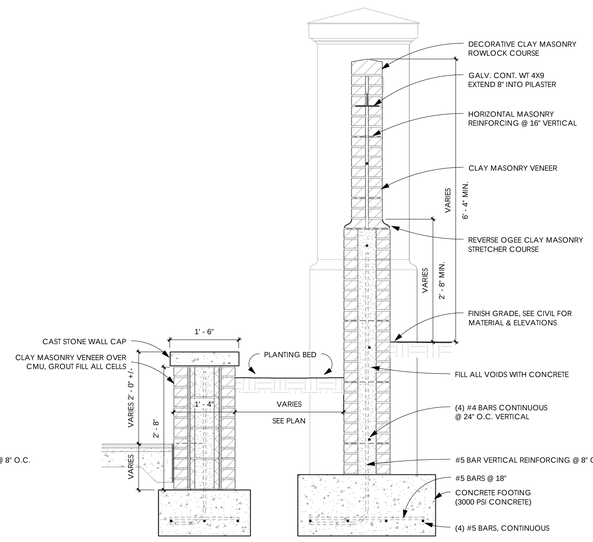
5 A8.1 FENCING ELEVATION 5
1/4" = 1'-0"



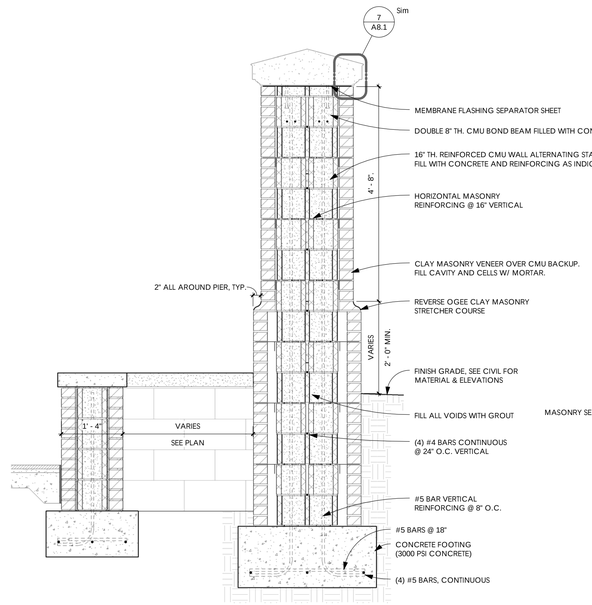
6 A8.1 FENCING ELEVATION 6
1/4" = 1'-0"



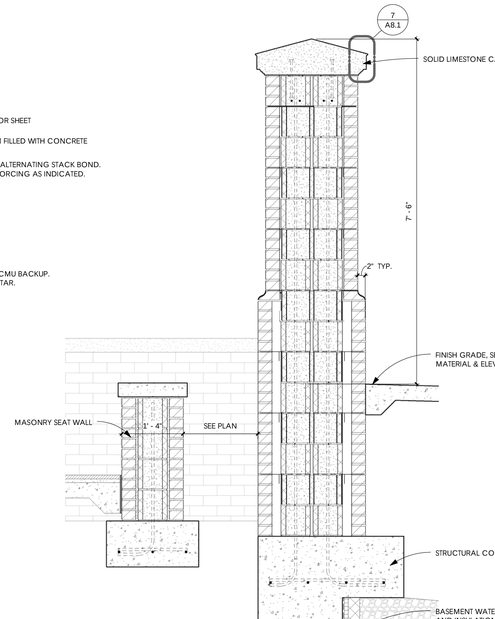
10 A8.1 FENCING SECTION (8") - STANDARD
3/4" = 1'-0"



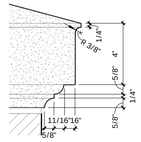
11 A8.1 FENCING SECTION (8") - RETAINING
3/4" = 1'-0"



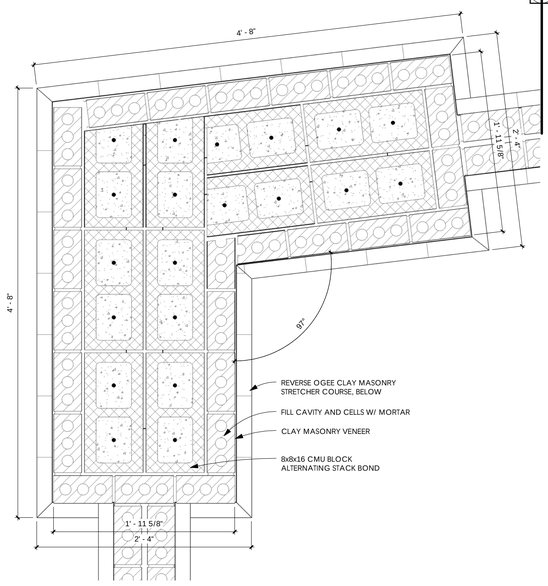
12 A8.1 FENCING SECTION - STANDARD (28")
3/4" = 1'-0"



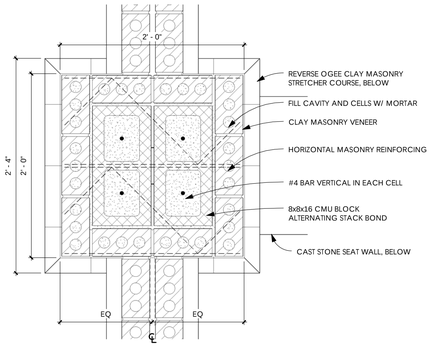
13 A8.1 FENCING SECTION (28") - RETAINING
3/4" = 1'-0"



7 A8.1 LIMESTONE CAP PROFILE DETAIL
3" = 1'-0"



8 A8.1 PLAN DETAIL - ATYPICAL MASONRY FENCE PIER
1 1/2" = 1'-0"



9 A8.1 PLAN DETAIL - TYPICAL MASONRY FENCE PIER
1 1/2" = 1'-0"

FENCING NOTES

1. UNLESS NOTED OTHERWISE, FENCING SHALL COMPLY WITH THE UNIVERSITY OF ALABAMA DECORATIVE FENCING STANDARDS, AVAILABLE FROM OWNER'S WEBSITE. THESE STANDARDS PROVIDE ADDITIONAL DETAILS AND INFORMATION REGARDING DIMENSIONAL CONSTRAINTS. A LINK TO THIS INFORMATION WILL BE PROVIDED TO THE CONTRACTOR UPON REQUEST.
2. CLAY MASONRY VENEER ON FENCING SHALL MATCH BUILDING.
3. FENCING PANELS MAY 'STEP' UP AND DOWN TO FOLLOW FINISH GRADE. HOWEVER, THEY MUST COMPLY WITH THE UNIVERSITY OF ALABAMA DECORATIVE FENCING STANDARDS.

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STATE OF ALABAMA LICENSED No. 29565 PROFESSIONAL ENGINEER DANIEL J. DEAL
01/18/13
Structure Only

STATE OF ALABAMA REGISTERED ARCHITECT MICHAEL A. ELLIS 3692

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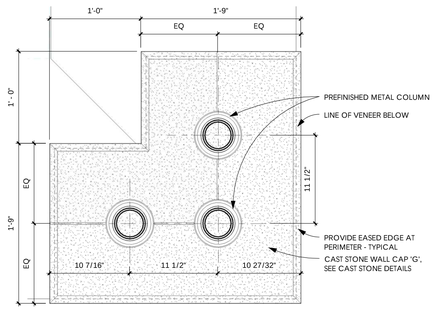
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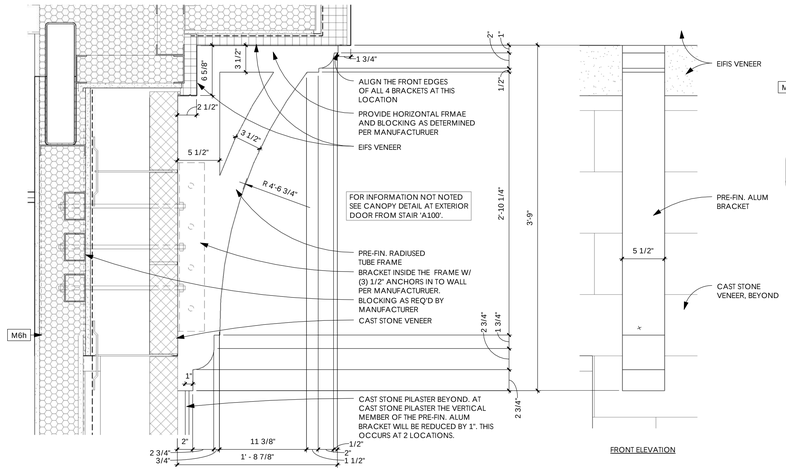
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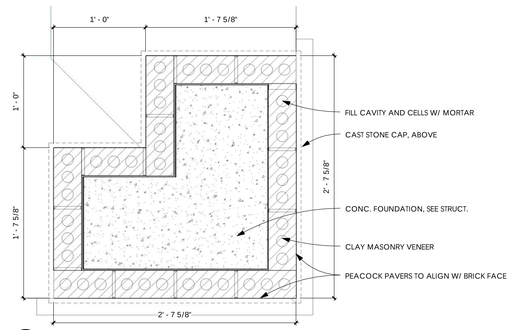
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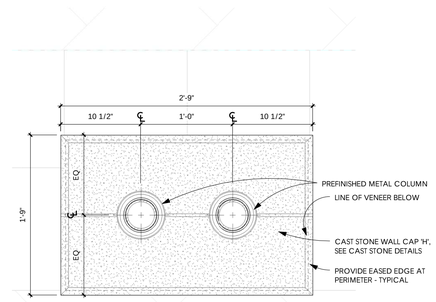
8 A8.2 PLAN DETAIL - CORNER PORCH COLUMN (CAP ABV.)
1 1/2" = 1'-0"



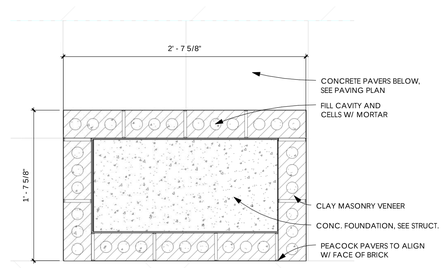
2 A8.2 BRACKET DETAIL
1 1/2" = 1'-0"



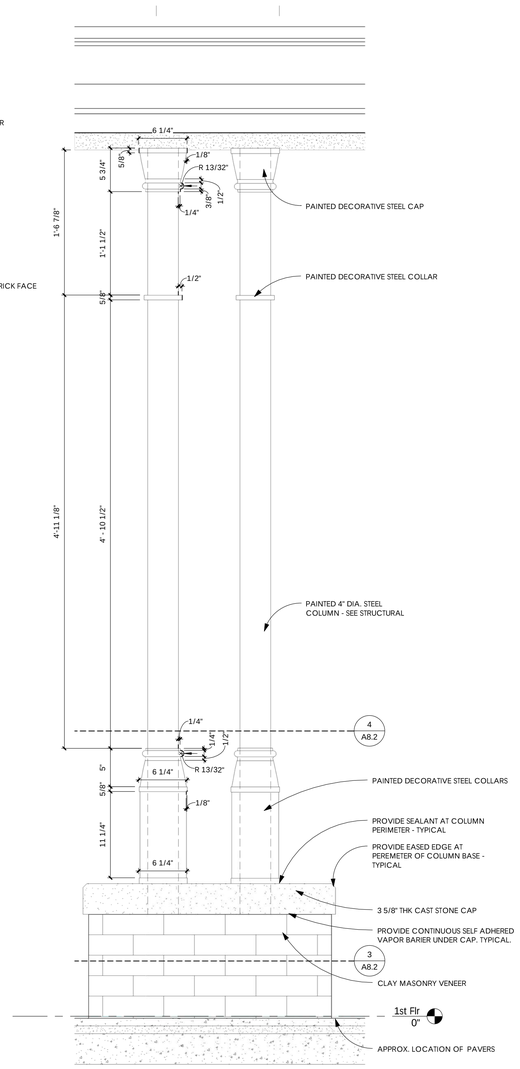
7 A8.2 PLAN DETAIL - CORNER PORCH COLUMN (CAP BELOW)
1 1/2" = 1'-0"



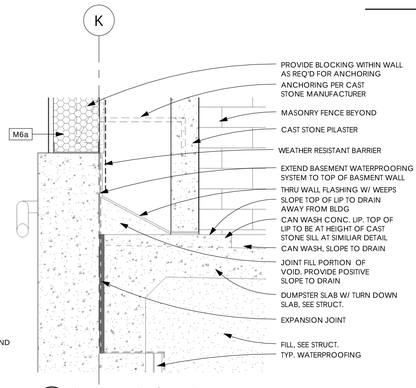
4 A8.2 PLAN DETAIL - PORCH COLUMN (ABOVE CAP)
1 1/2" = 1'-0"



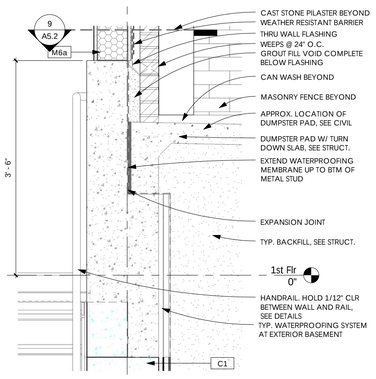
3 A8.2 PLAN DETAIL - PORCH COLUMN (BELOW CAP)
1 1/2" = 1'-0"



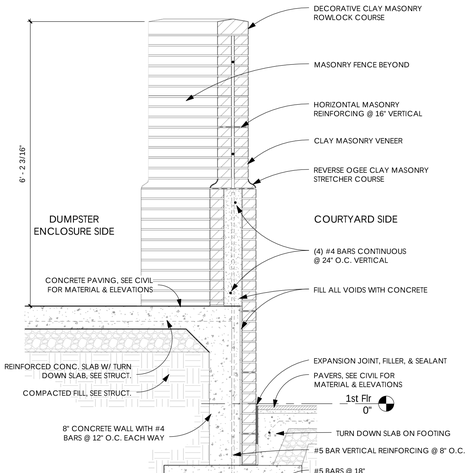
6 A8.2 COURTYARD CANOPY COLUMNS
1 1/2" = 1'-0"



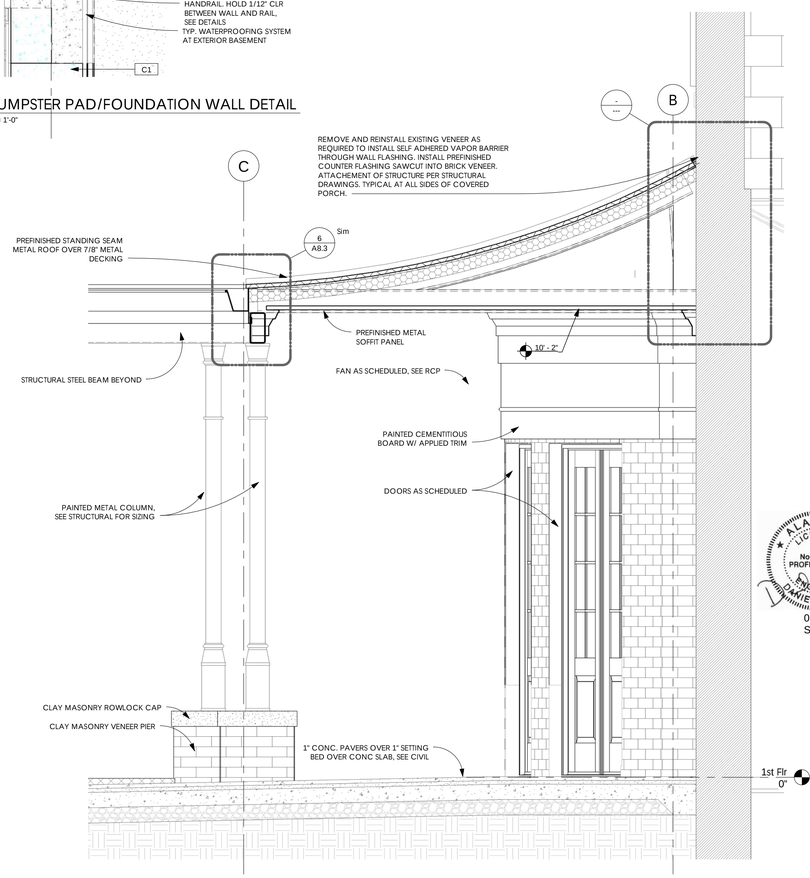
9 A8.2 CAN WASH/PILASTER DETAIL
1 1/2" = 1'-0"



10 A8.2 DUMPSTER PAD/FOUNDATION WALL DETAIL
1" = 1'-0"



11 A8.2 MASONRY FENCE DETAIL @ DUMPSTER
3/4" = 1'-0"



1 A8.2 CANOPY DETAIL @ EXISTING BUILDING
3/4" = 1'-0"

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Interior Renovations and Additions for:

Chi Omega Sorority

The University of Alabama Campus
UA Project Number 910-12-024
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

STATE OF ALABAMA LICENSED No. 29565 PROFESSIONAL ENGINEER DANIEL L. DEAN

STATE OF ALABAMA MICHAEL A. ELLIS 3692 REGISTERED ARCHITECT

01/18/13
Structure Only

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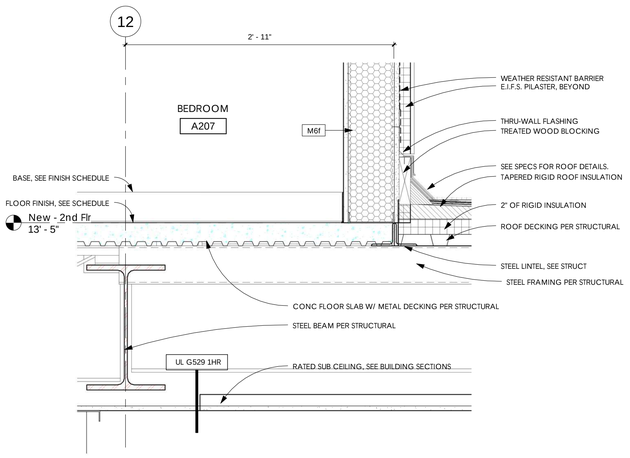
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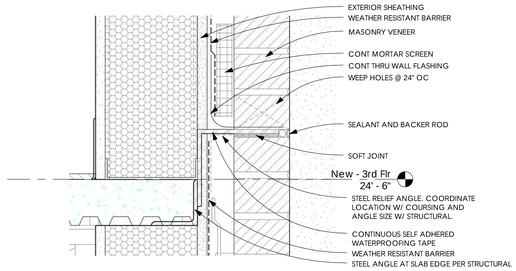
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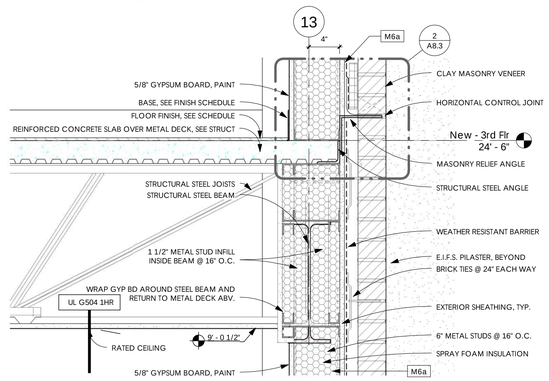
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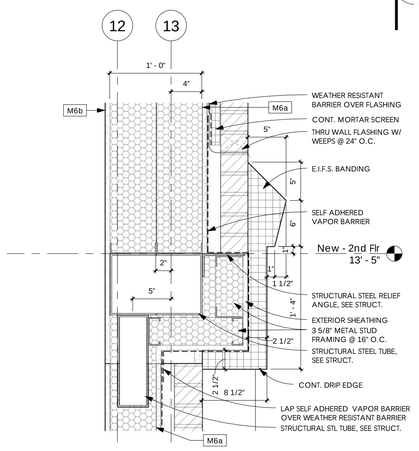
1 A8.3 ROOF TO WALL DETAIL - LOW ROOF
1 1/2" = 1'-0"



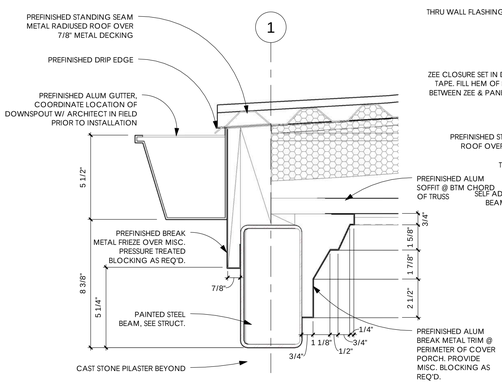
2 A8.3 Masonry Relief Angle
3" = 1'-0"



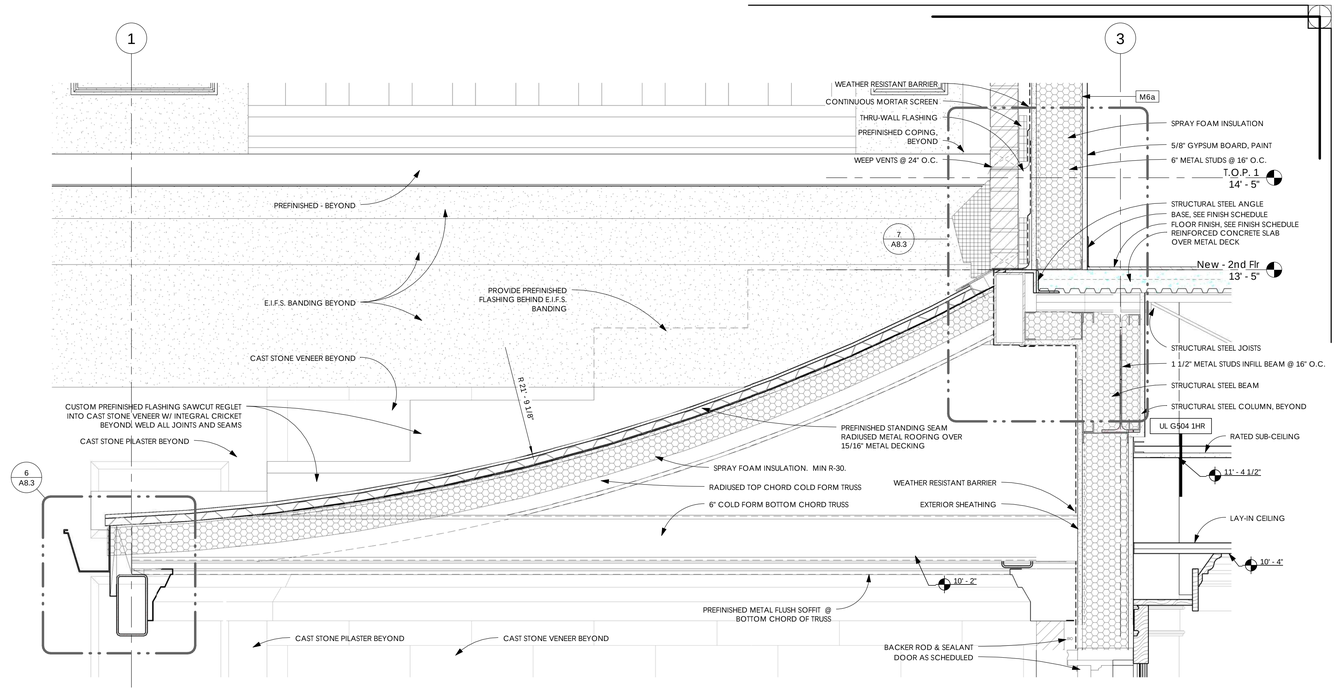
4 A8.3 3RD LEVEL FLOOR DETAIL @ EXTERIOR WALL
1 1/2" = 1'-0"



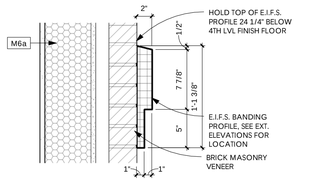
5 A8.3 E.I.F.S. BANDING
1 1/2" = 1'-0"



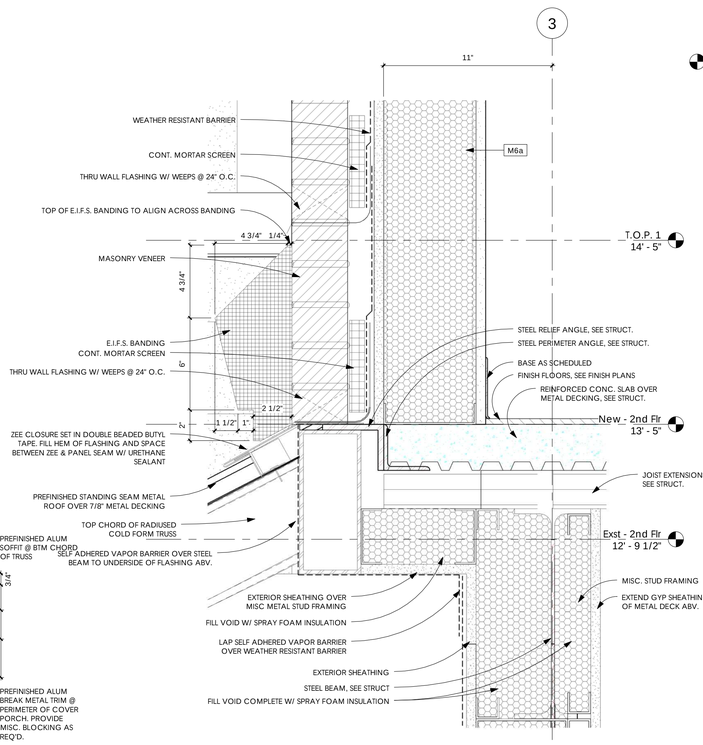
6 A8.3 Covered Porch Eave Detail
3" = 1'-0"



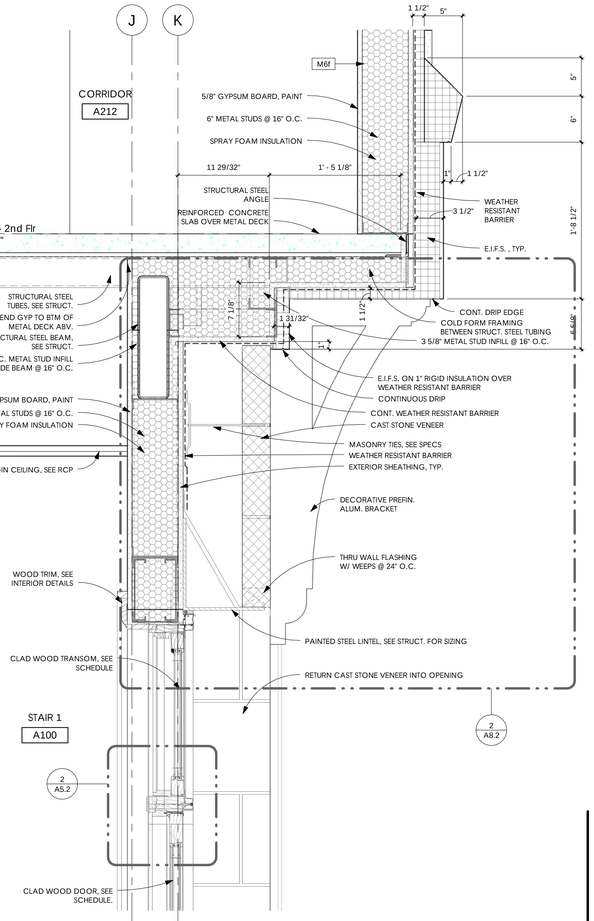
3 A8.3 CANOPY TO WALL DETAIL @ COURTYARD
1 1/2" = 1'-0"



9 A8.3 E.I.F.S. BANDING PROFILE
1 1/2" = 1'-0"



7 A8.3 Headwall Flashing Detail
3" = 1'-0"



8 A8.3 CANOPY DETAIL OVER DOOR
1 1/2" = 1'-0"

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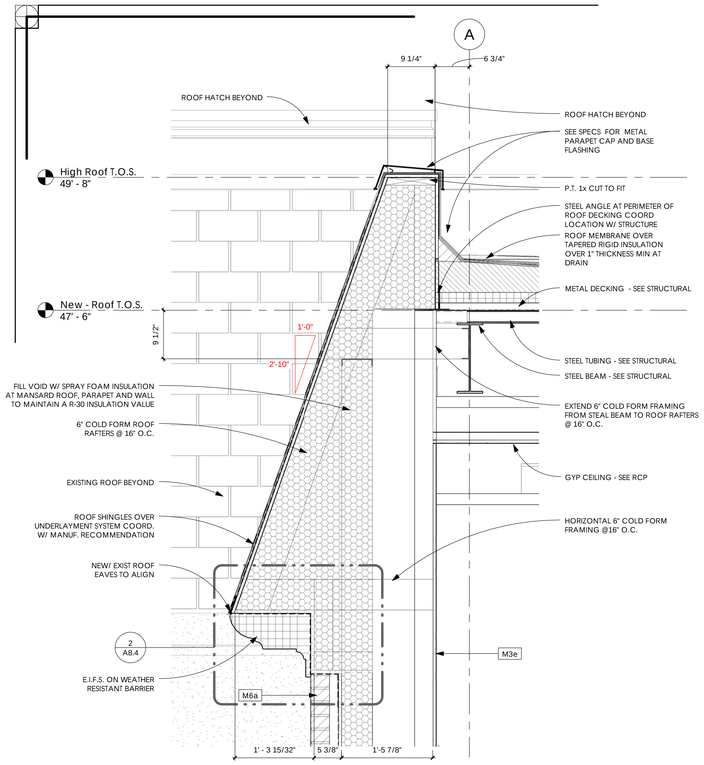
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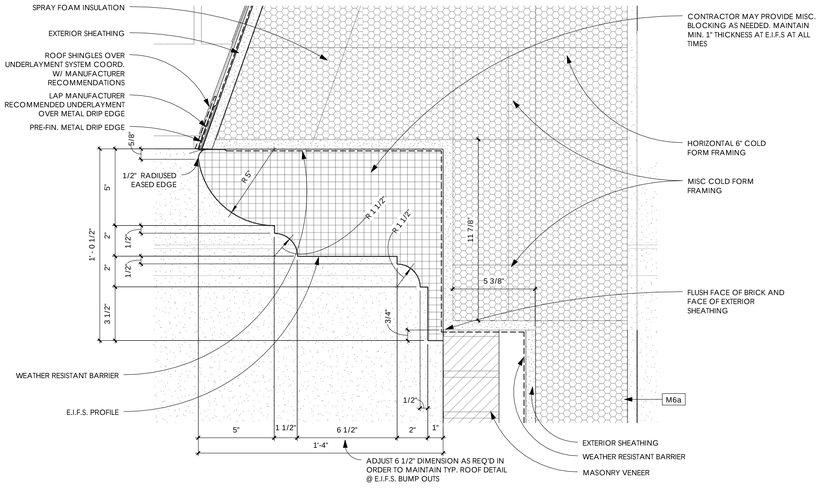
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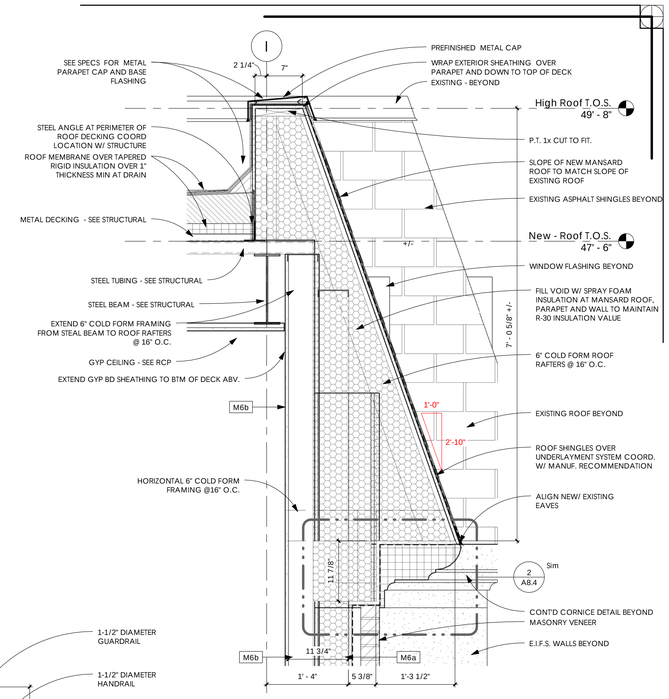
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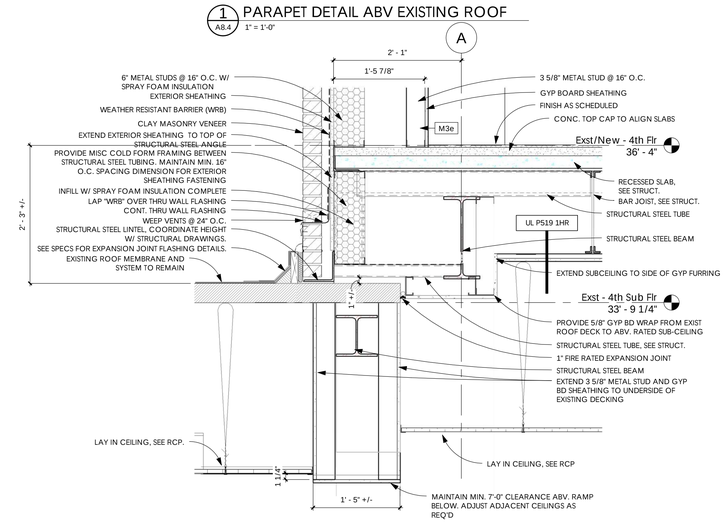
1 A8.4 PARAPET DETAIL ABV EXISTING ROOF
1" = 1'-0"



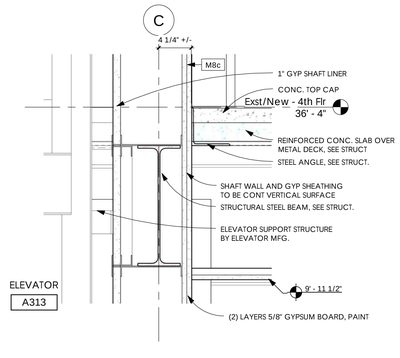
2 A8.4 TYP. E.I.F.S. FASCIA DETAIL
3" = 1'-0"



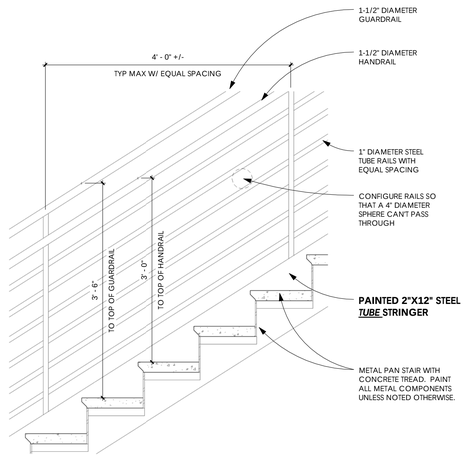
3 A8.4 PARAPET DETAIL @ STAIR
1" = 1'-0"



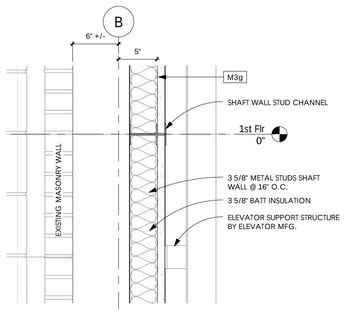
4 A8.4 ROOF TO WALL DETAIL - EXISTING ROOF
1" = 1'-0"



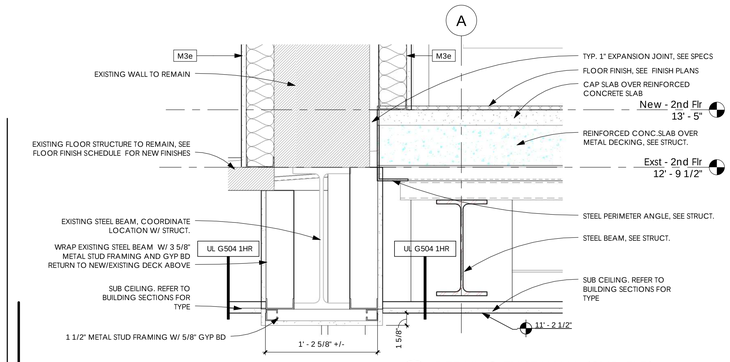
5 A8.4 Elevator Shaft Detail
1 1/2" = 1'-0"



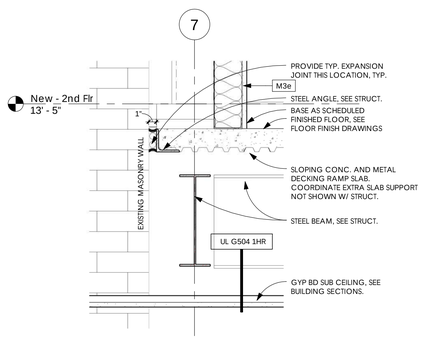
7 A8.4 Stair Section Detail
1" = 1'-0"



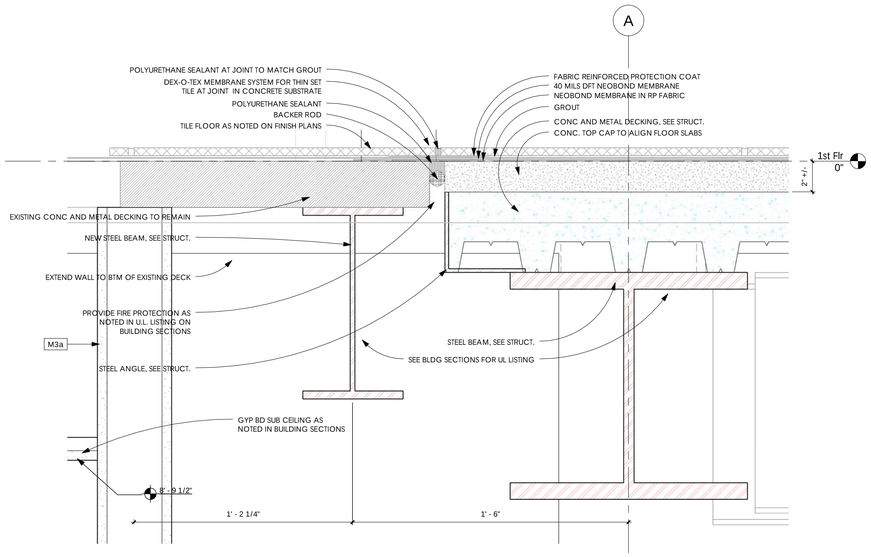
6 A8.4 ELEVATOR DETAIL @ EXISTING WALL
1 1/2" = 1'-0"



8 A8.4 DETAIL @ EXIST WALL (2ND FLR)
1 1/2" = 1'-0"



9 A8.4 EJ DETAIL @ INTERIOR RAMP (2ND LEVEL)
1 1/2" = 1'-0"



10 A8.4 EXISTING NEW FLOOR SLAB DETAIL (1ST FLOOR)
3" = 1'-0"

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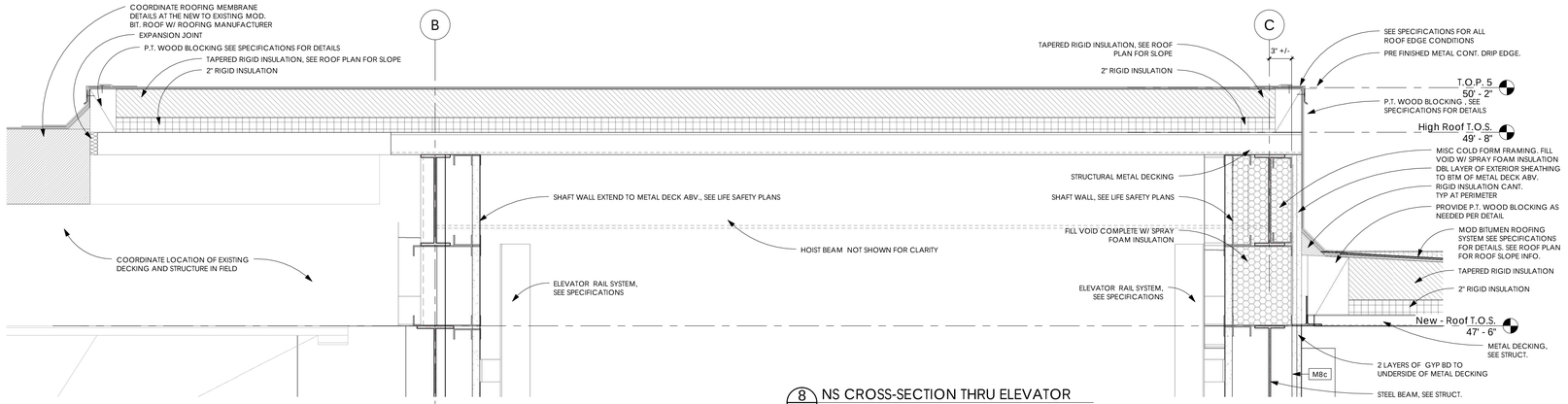
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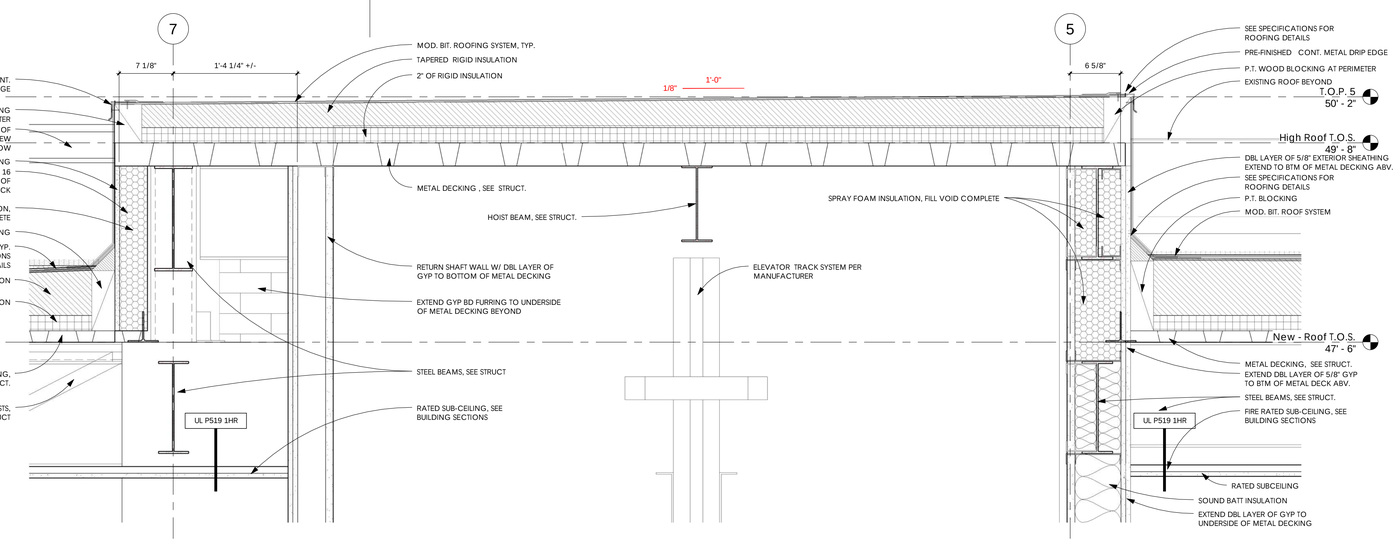
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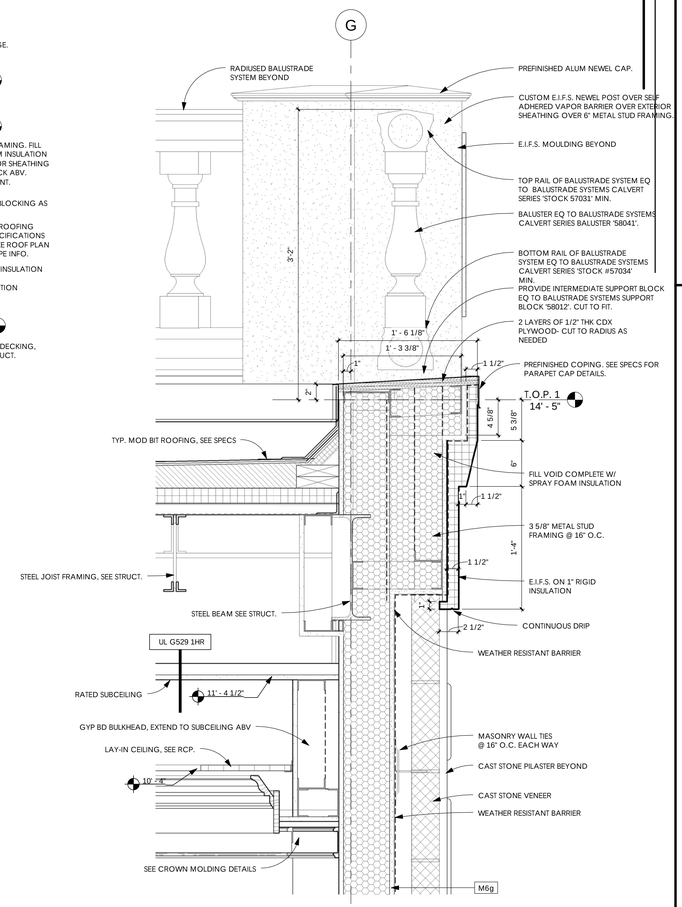
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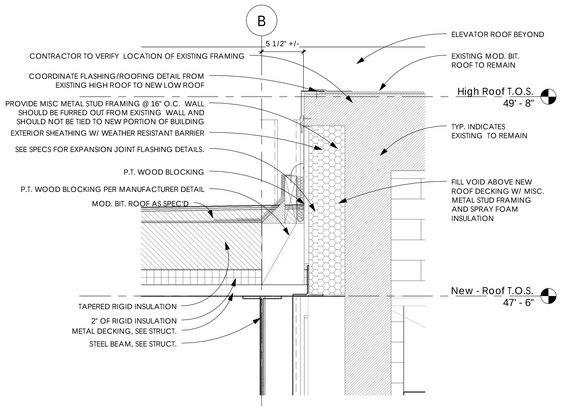
8 A8.5 NS CROSS-SECTION THRU ELEVATOR
1 1/2" = 1'-0"



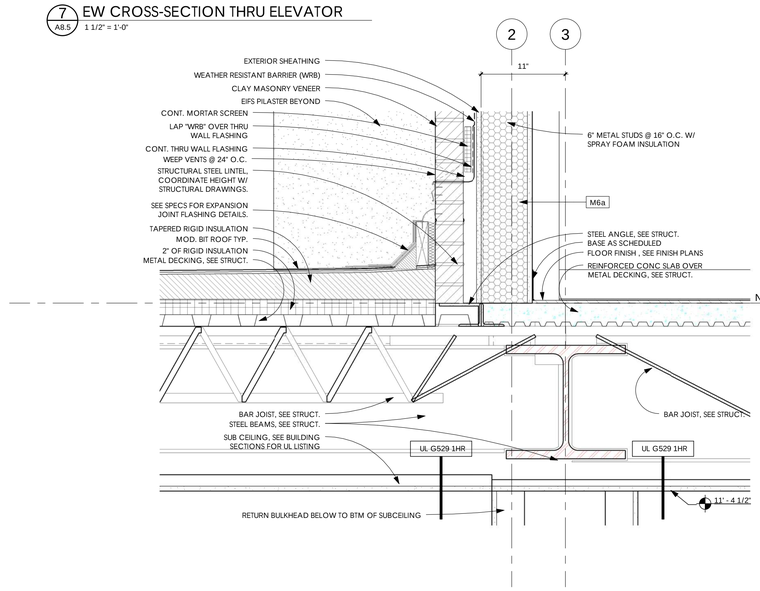
7 A8.5 EW CROSS-SECTION THRU ELEVATOR
1 1/2" = 1'-0"



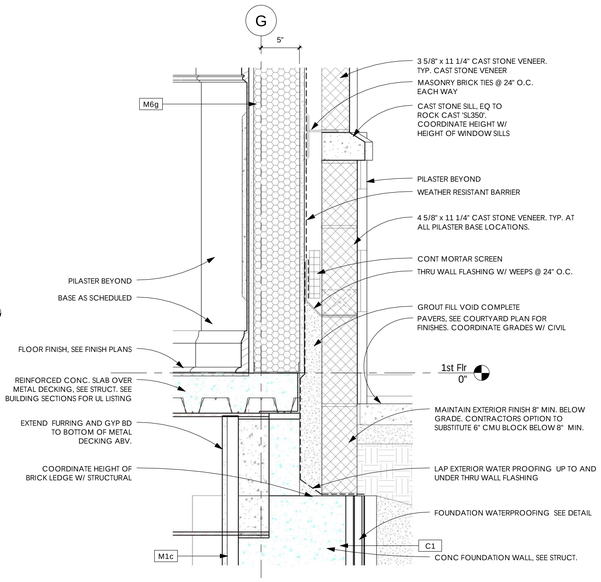
1 A8.5 PARAPET DETAIL @ LOW ROOF
1 1/2" = 1'-0"



2 A8.5 DETAIL - EXISTING/NEW ROOF TRANSITION
1 1/2" = 1'-0"



3 A8.5 ROOF DETAIL @ DINING HALL BAY
1 1/2" = 1'-0"



5 A8.5 WALL DETAIL - TYP @ BAY (1ST FLOOR)
1 1/2" = 1'-0"

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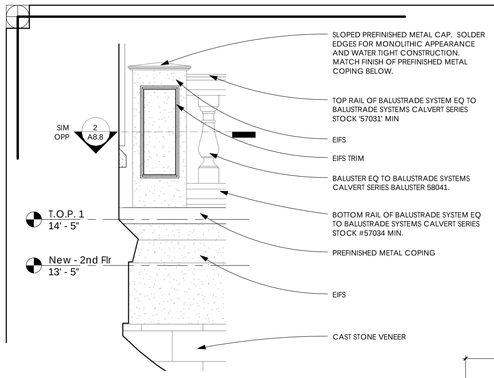
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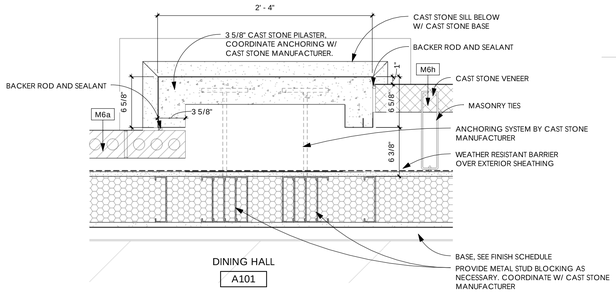
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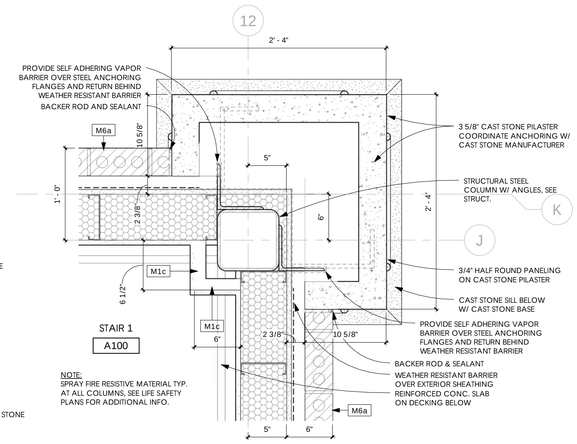
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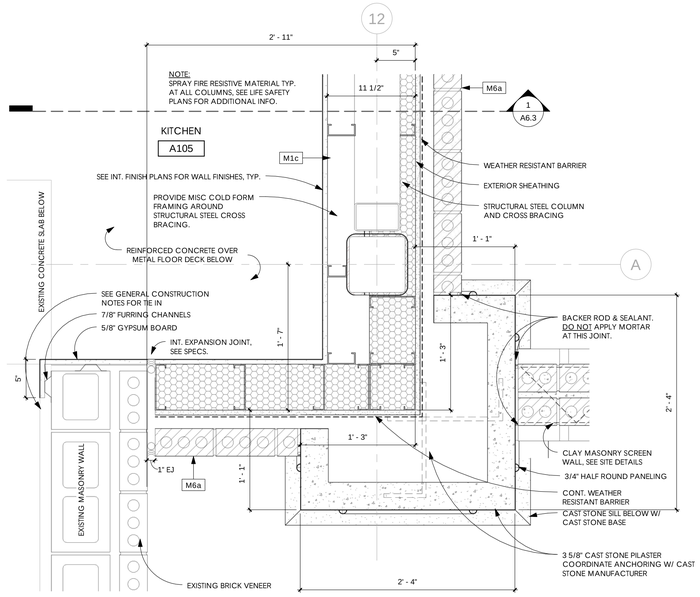
10 A8.6 Balustrade Enlarged Elevation
3/4" = 1'-0"



1 A8.6 PLAN DETAIL - EXTERIOR PILASTER (1ST FLR)
1 1/2" = 1'-0"



2 A8.6 PLAN DETAIL - EXTERIOR CORNER (1ST FLR)
1 1/2" = 1'-0"



3 A8.6 PLAN DETAIL - COLUMN A-12
1 1/2" = 1'-0"

4 A8.6 PILASTER ENLARGED ELEVATION
3/4" = 1'-0"

5 A8.6 PLAN DETAIL - CORNER PILASTER @ CURVE (1ST FLR) - HIGH
1 1/2" = 1'-0"

6 A8.6 PLAN DETAIL - CORNER PILASTER @ CURVE (1ST FLR) - LOW
1 1/2" = 1'-0"

7 A8.6 PILASTER @ STAIR 100
3/4" = 1'-0"

8 A8.6 TYP. CAST STONE PILASTER
3/4" = 1'-0"

9 A8.6 PILASTER @ EXT. STAIR
3/4" = 1'-0"

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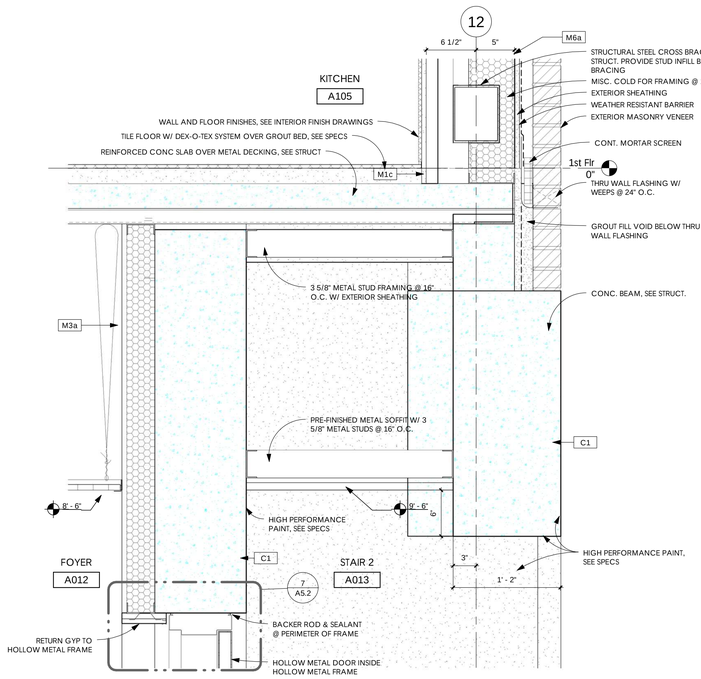
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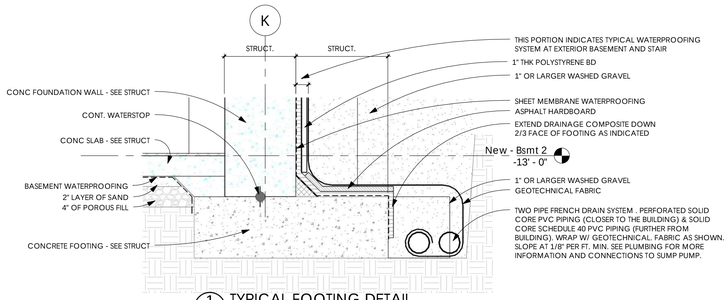
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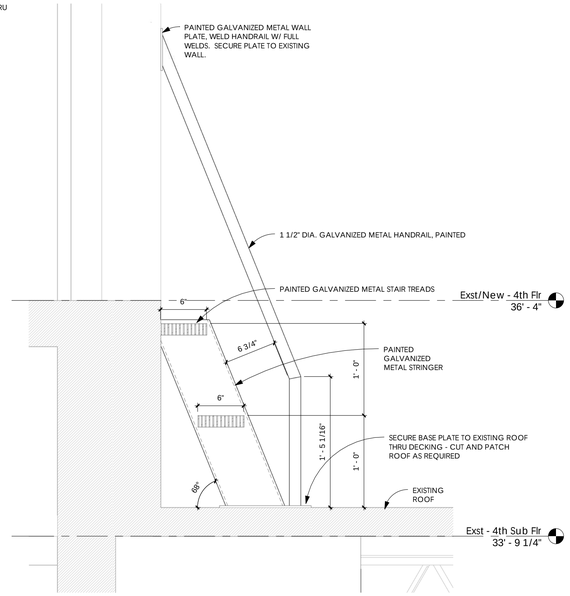
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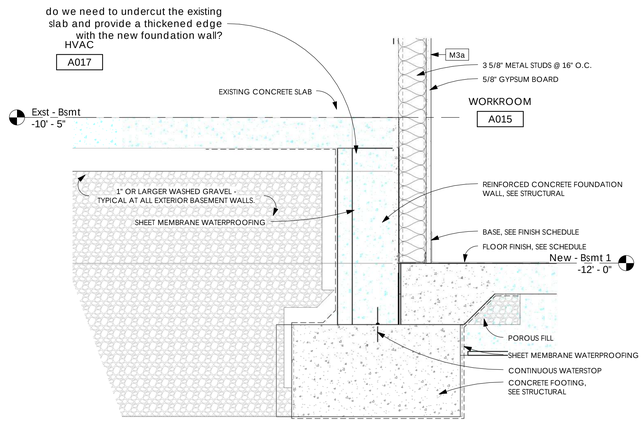
3 A8.7 CONCRETE BULKHEAD DETAIL
1 1/2" = 1'-0"



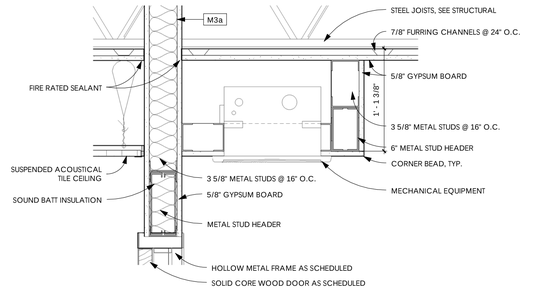
1 A8.7 TYPICAL FOOTING DETAIL
1" = 1'-0"



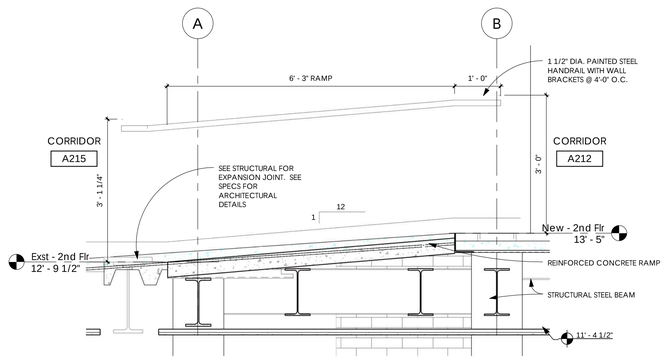
4 A8.7 SHIP LADDER @ EXIST ROOF
1 1/2" = 1'-0"



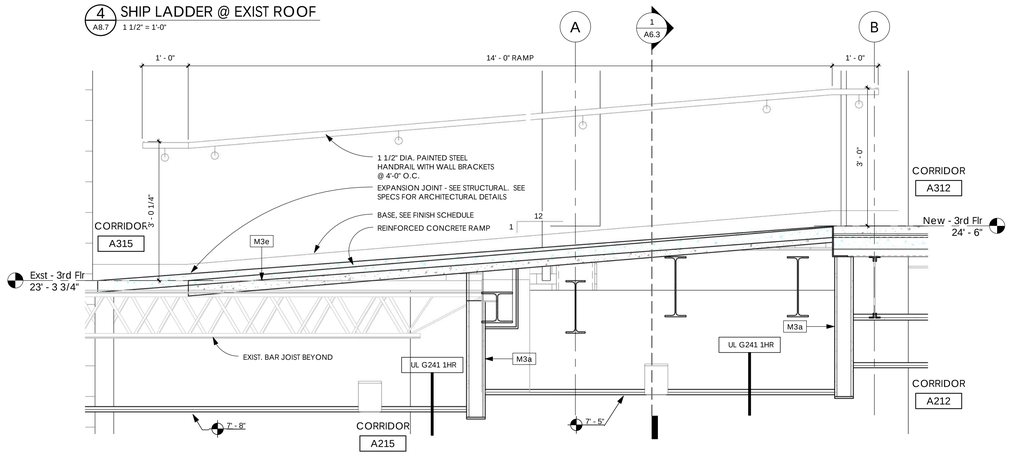
2 A8.7 FOUNDATION WALL DETAIL @ EXISTING
1 1/2" = 1'-0"



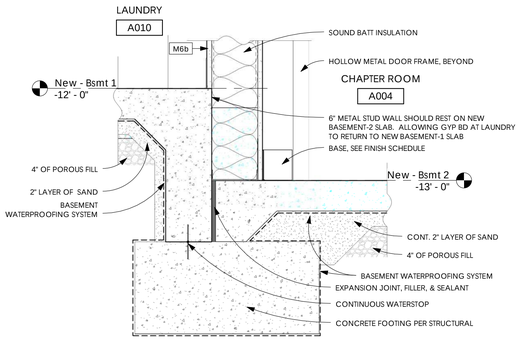
6 A8.7 TYPICAL SLEEPING ROOM HVAC BULKHEAD
1 1/2" = 1'-0"



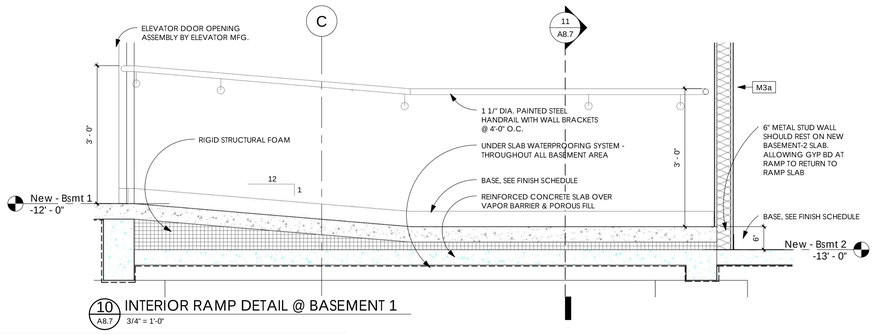
7 A8.7 INTERIOR RAMP DETAIL - 2ND FLR
3/4" = 1'-0"



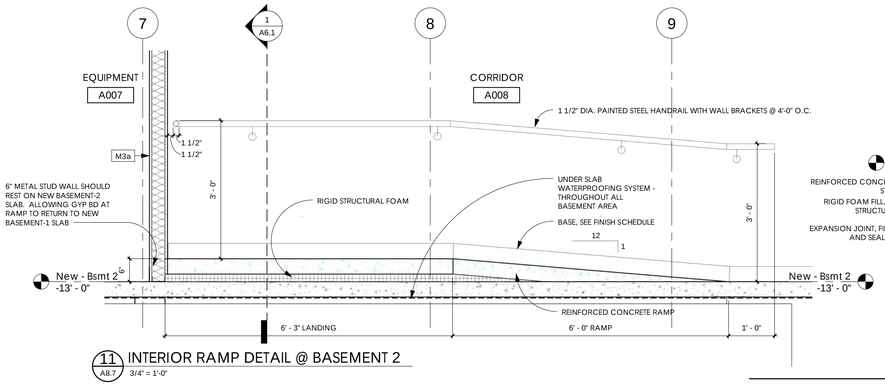
8 A8.7 INTERIOR RAMP DETAIL - 3RD FLR
3/4" = 1'-0"



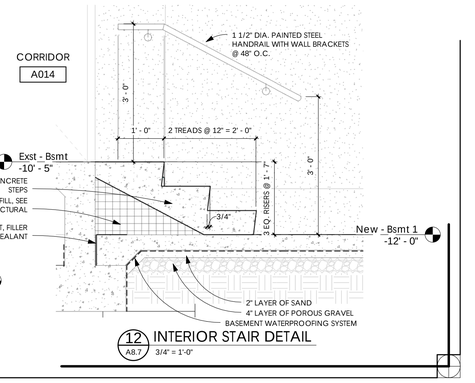
9 A8.7 FLOOR TO FLOOR DETAIL
1 1/2" = 1'-0"



10 A8.7 INTERIOR RAMP DETAIL @ BASEMENT 1
3/4" = 1'-0"



11 A8.7 INTERIOR RAMP DETAIL @ BASEMENT 2
3/4" = 1'-0"



12 A8.7 INTERIOR STAIR DETAIL
3/4" = 1'-0"

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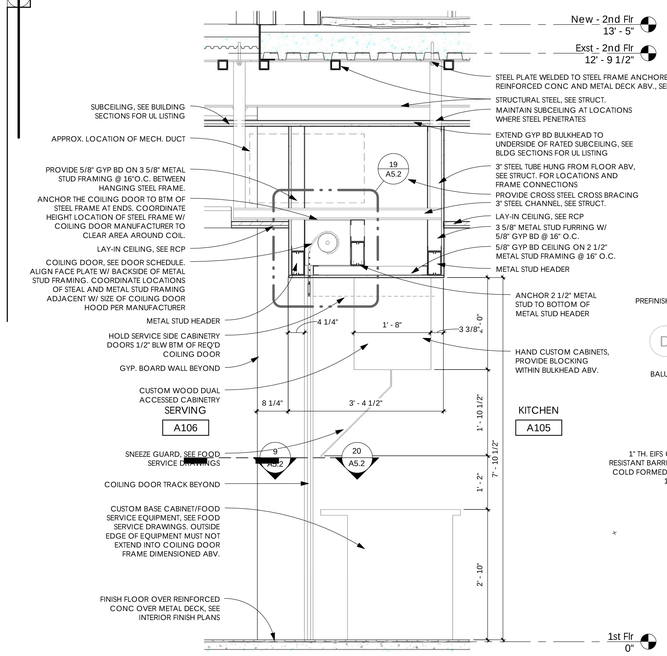
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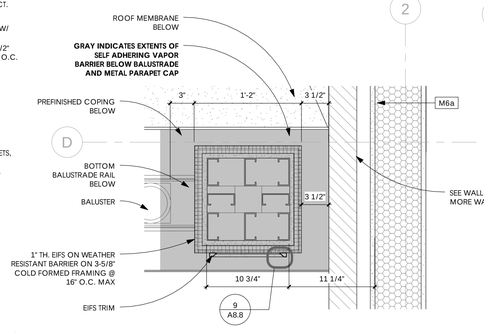
JOB No.	11039
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Details

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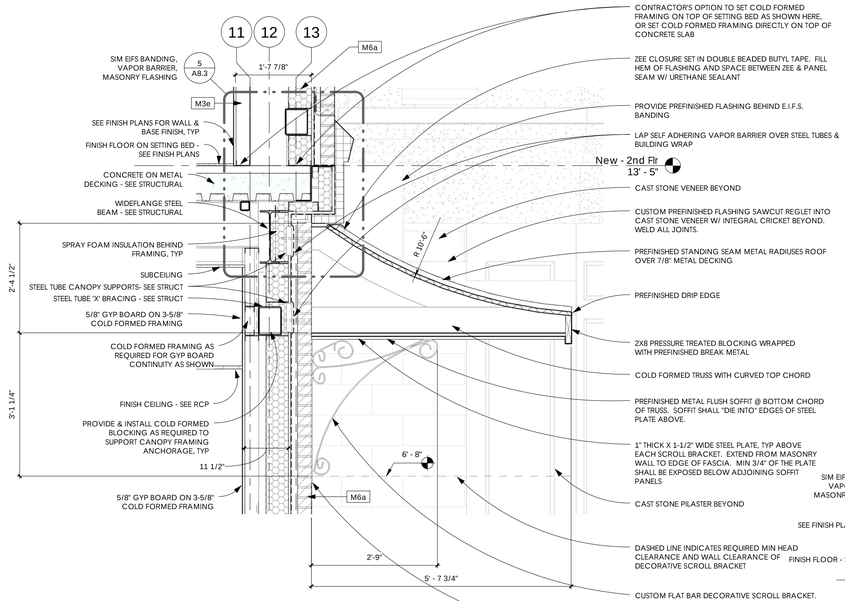


1 A8.8 Serving Line Section 3/4" = 1'-0"

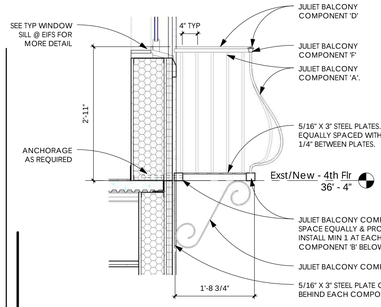


NOTE: PLAN DETAIL IS CUT BELOW WINDOW

2 A8.8 Balustrade Plan Detail 1 1/2" = 1'-0"



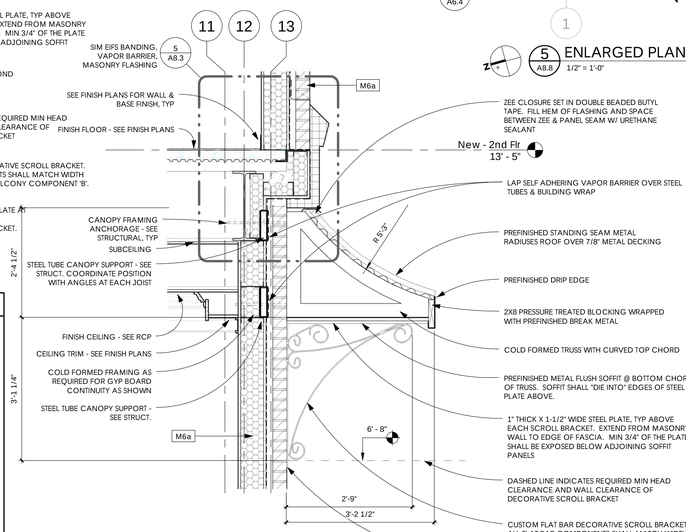
3 A8.8 CANOPY SECTION 3/4" = 1'-0"



8 A8.8 DETAIL - JULIET BALCONY SECTION 3/4" = 1'-0"

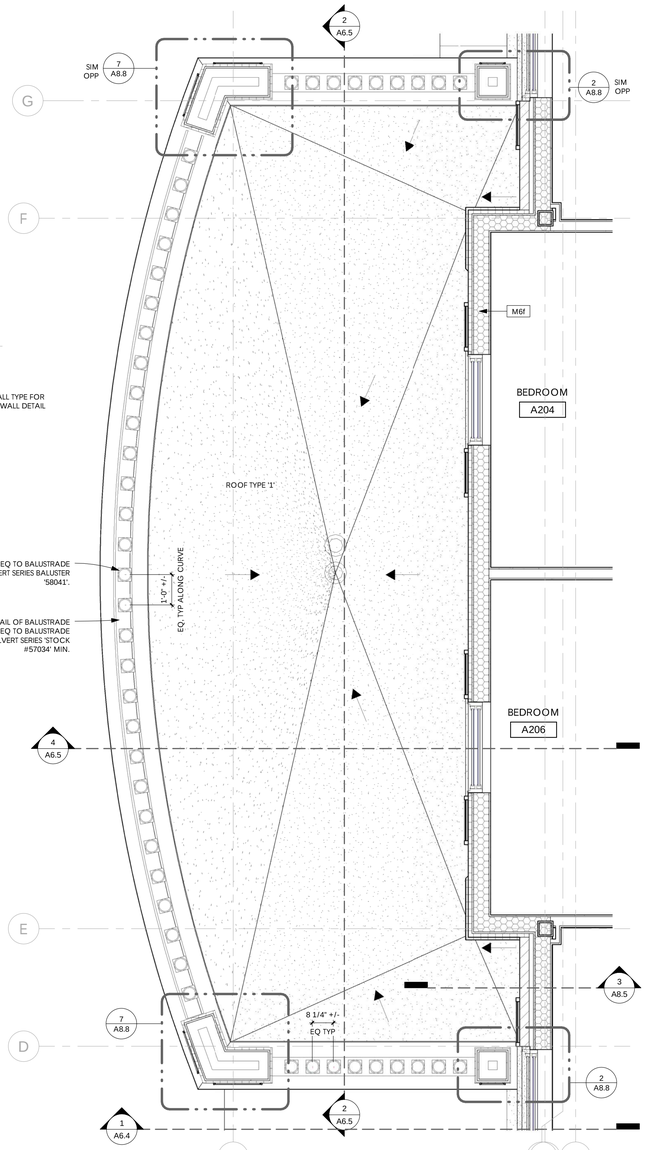
JULIET BALCONY COMPONENTS & NOTES

1. BALCONY COMPONENTS SHOWN ON DRAWINGS ARE DIAGRAMMATIC ONLY. COMPONENTS SPECIFIED HERE SHALL SUPERSEDE GRAPHIC ELEMENTS AS DRAWN.
2. SEE STRUCTURAL FOR ANCHORAGE OF BALCONIES.
3. WHERE BALCONIES ARE BEING ADDED OR REPLACED AT EXISTING EXTERIOR WALLS, REPAIR EXTERIOR FINISH MATERIALS TO MATCH EXISTING FINISH MATERIALS SCHEDULED TO REMAIN.
4. PROVIDE & INSTALL AS MANY BALUSTERS (COMPONENT 'A') AS REQUIRED TO MAINTAIN THE MAXIMUM SPACING BETWEEN BALUSTERS AS DIMENSIONED.
5. ALL METAL BALCONY COMPONENTS SHALL BE PAINTED PER SPECIFICATIONS.
6. COMPONENT 'A' - KING ARCHITECTURAL METALS ITEM# 13-77025-473. FORGED STEEL BALCONY BALUSTER. HEIGHT OF THIS MODEL NUMBER IS 39-3/8" - **CUT TOP PORTION AS REQUIRED TO ACCOMMODATE RAIL HEIGHT SHOWN HERE.**
7. COMPONENT 'B' - KING ARCHITECTURAL METALS ITEM# 13-20046-686. 7-7/8" WIDTH, 23-5/8" HEIGHT.
8. COMPONENT 'C' - KING ARCHITECTURAL METALS ITEM# 60-2X14-HT. HAMMERED 4 CORNERS 2" SQUARE TUBE. LENGTH AS REQUIRED TO ELIMINATE VISIBLE SEAMS.
9. COMPONENT 'D' - KING ARCHITECTURAL METALS ITEM #45-905-20. MOLDED HANDRAIL 1-5/8".
10. COMPONENT 'F' - KING ARCHITECTURAL METALS ITEM #60X1X14-HT08. 1" SQUARE TUBE WITH HAMMERED CORNERS.

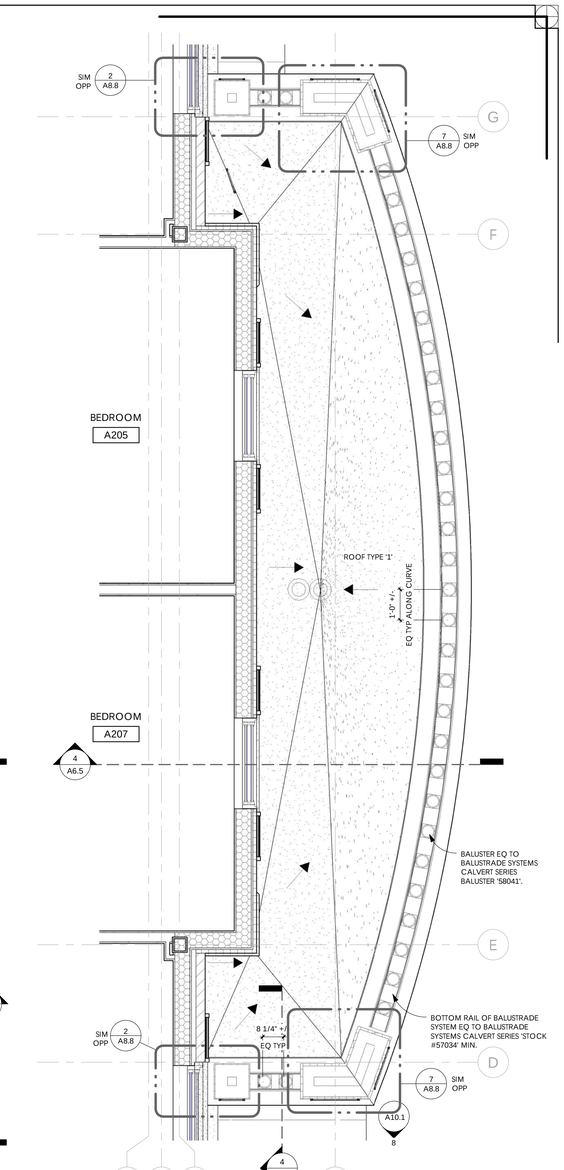


NOTE: AT JUNCTION BETWEEN THIS CANOPY AND CAST STONE WALLS, PROVIDE & INSTALL PREFINISHED FLASHING BEHIND E.I.F.S., AND CUSTOM STEPPED PREFINISHED FLASHING SAWCUT REGLET INTO CAST STONE VENEER W/ INTEGRAL CRICKET TO DIVERT WATER AWAY FROM CAST STONE PILASTERS, SIM TO FLASHING SHOWN BEYOND ON ADJACENT DETAIL.

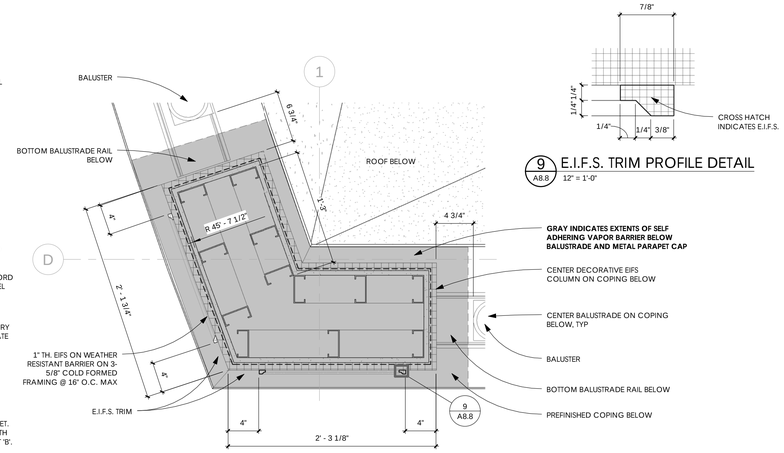
4 A8.8 CANOPY SECTION 3/4" = 1'-0"



5 A8.8 ENLARGED PLAN - BALUSTRADE 1/2" = 1'-0"



6 A8.8 ENLARGED PLAN - BALUSTRADE 1/2" = 1'-0"



7 A8.8 Balustrade Plan Detail 1 1/2" = 1'-0"

9 A8.8 E.I.F.S. TRIM PROFILE DETAIL 12" = 1'-0"

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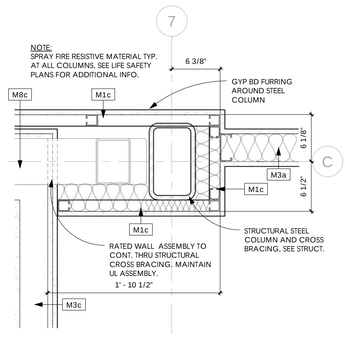
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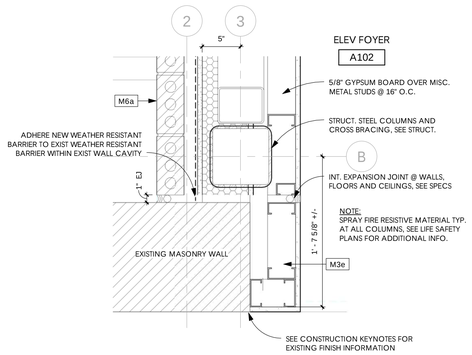
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SHEET NUMBER A8.8

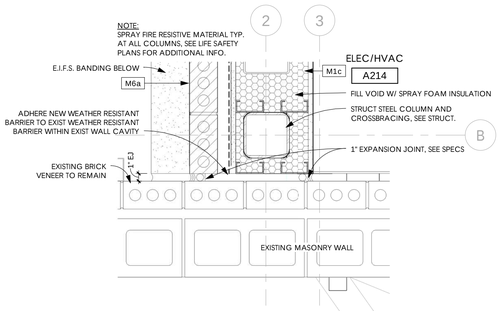
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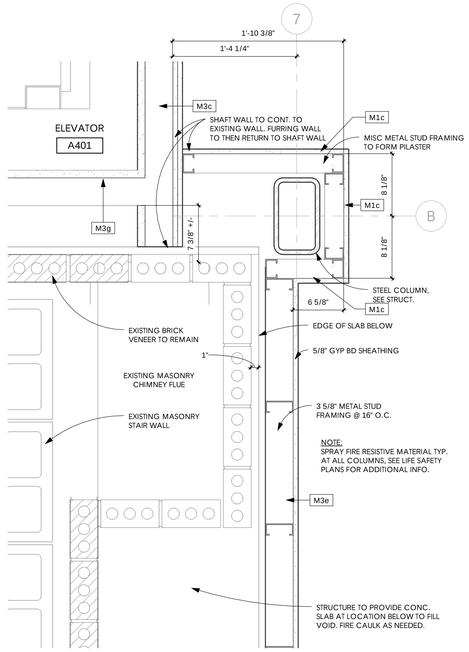
1 PLAN DETAIL - COLUMN C-7 (4TH FLR)
A8.9 1 1/2" = 1'-0"



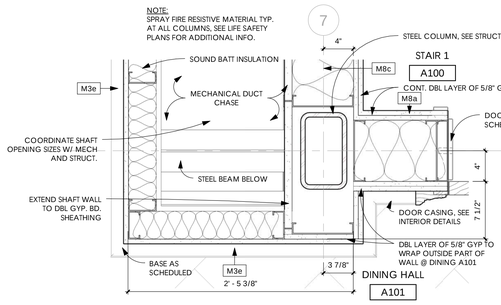
2 PLAN DETAIL - COLUMN B-3
A8.9 1 1/2" = 1'-0"



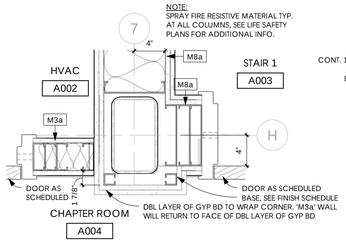
3 PLAN DETAIL - EJ @ 2ND FLR
A8.9 1 1/2" = 1'-0"



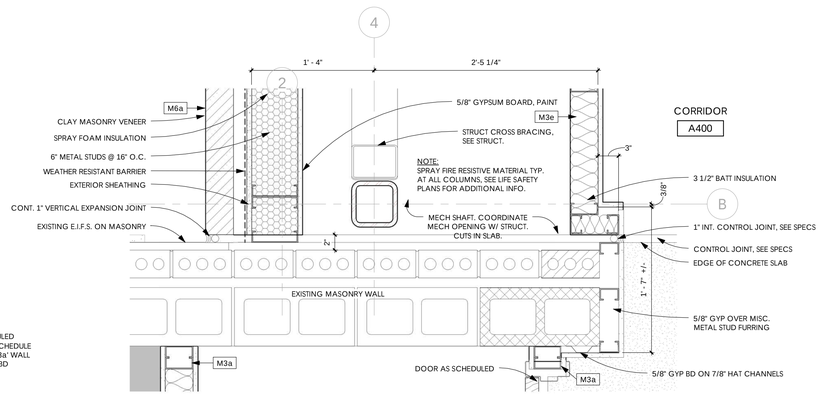
4 PLAN DETAIL - COLUMN B-7 (4TH FLR)
A8.9 1 1/2" = 1'-0"



5 PLAN DETAIL - CORNER DETAIL @ STAIR (1ST FLR)
A8.9 1 1/2" = 1'-0"

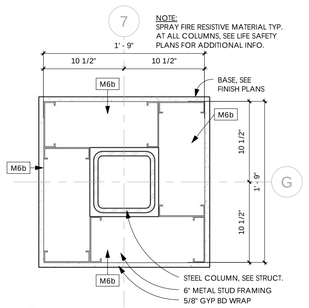


6 PLAN DETAIL - @ GRID H-7
A8.9 1 1/2" = 1'-0"

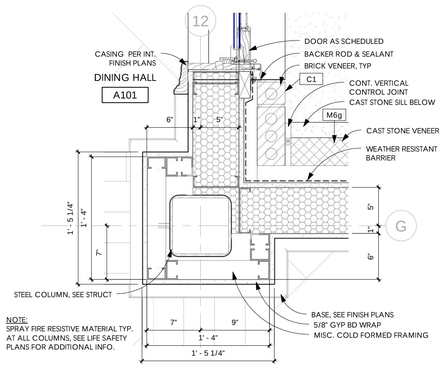


7 PLAN DETAIL - EJ @ GRID B-4 (4TH FLR)
A8.9 1 1/2" = 1'-0"

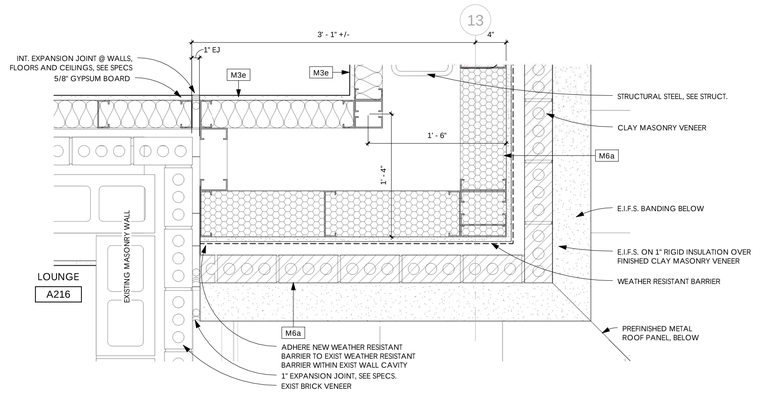
8 PLAN DETAIL - COLUMN B-6 (BASEMENT)
A8.9 1 1/2" = 1'-0"



9 PLAN DETAIL - COLUMN G-7
A8.9 1 1/2" = 1'-0"



10 PLAN DETAIL - COLUMN G-12
A8.9 1 1/2" = 1'-0"



11 PLAN DETAIL - EJ @ 2ND FLR.
A8.9 1 1/2" = 1'-0"

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Plan Details

SHEET NUMBER A8.9

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FINISH LEGEND

WOOD FLOORING

WD-1	KONECTO SIERRA PLANK #11066 NORDEN CONTACT: TOM YANCEY
WD-2	REAL WOOD WALNUT UNFINISHED HARDWOOD SIZE: 6" WIDTH

CARPET

CPT-1	INTERFACE FLOR PATTERN: 1460102501 COLOR: 101185 MESA CONTACT: LORI BAILEY 205.821.6401
CPT-2	INTERFACE FLOR PATTERN: VIVA COLORES COLOR: 101176 ESTUCCO CONTACT: LORI BAILEY 205.821.6401
CPT-3	INTERFACE FLOR PATTERN: VIVA COLORES COLOR: 101174 GRIS PARDO CONTACT: LORI BAILEY 205.821.6401

RUBBER BASE

RB-1	ROPPE COLOR: 114 LUNAR DUST

RUBBER FLOORING

RF-1	MONDO RAMFLEX TEXTURE: HAMMERED COLOR: 790

STAIR TREADS & RISERS

RT-1	ROPPE RUBBER STAIR TREADS #93 TEXTURED COLOR: 114 LUNAR DUST
RR-1	ROPPE RUBBER STAIR RISERS #93 TEXTURED COLOR: 147 LIGHT BROWN

FLOOR TILE

T-1	DALTILE PIETRE VECCHIE 20"X20" COLOR: GOLDEN SIENNA PV04 GROUT: CONTACT: ELIZABETH MELANCON 205.792.6449
T-2	RAGNO ARTE SERIES 12"X24" COLOR: Bi GROUT: CONTACT: SUZANNE DUNKIN 205.382.6268
T-3	ILVA LANDSCAPE SERIES 10"X10" COLOR: BEACH GROUT: CONTACT: SUZANNE DUNKIN 205.382.6268
T-4	CERAMIC TECHNICS LUSERNA VEINCUT SERIES COLOR: ELEGANT 18"X36" GROUT: CONTACT: LESLIE WEINBERG 404.805.7904
T-5	CAESAR UNIQUA 12"X24" COLOR: TIBURTINO GROUT: CONTACT: WHITNEY BELL 615.522.7875
T-6	DALTILE DEL MONOCO 20"X20" COLOR: CARMINA BEIGE DM90 GROUT: CONTACT: ELIZABETH MELANCON 205.792.6449
T-7	CAESAR UNIQUA 24"X24" COLOR: ARGENTUM GROUT: CONTACT: WHITNEY BELL 615.522.7875

TILE BASE

TB-1	DALTILE PIETRE VECCHIE COVE BASE COLOR: GOLDEN SIENNA PV04 GROUT: CONTACT: ELIZABETH MELANCON 205.792.6449
TB-2	RAGNO ARTE SERIES COVE BASE COLOR: Bi GROUT: CONTACT: SUZANNE DUNKIN 205.382.6268
TB-3	ILVA LANDSCAPE SERIES COVE BASE COLOR: BEACH GROUT: CONTACT: SUZANNE DUNKIN 205.382.6268
TB-4	CERAMIC TECHNICS LUSERNA VEINCUT SERIES COLOR: ELEGANT 6"X12" COVE BASE GROUT: CONTACT: LESLIE WEINBERG 404.805.7904
TB-5	DALTILE DEL MONOCO COVE BASE COLOR: CARMINA BEIGE DM90 GROUT: CONTACT: ELIZABETH MELANCON 205.792.6449
TB-6	CAESAR UNIQUA COVE BASE COLOR: TIBURTINO GROUT: CONTACT: WHITNEY BELL 615.522.7875

WALL TILE

WT-1	DALTILE PIETRE VECCHIE TUMBLED MOSAIC COLOR: GOLDEN SIENNA PV04 GROUT: CONTACT: ELIZABETH MELANCON 205.792.6449
WT-2	DALTILE NATURAL HUES 6"X6" COLOR: LATTE QH26 GROUT: CONTACT: ELIZABETH MELANCON 205.792.6449
WT-3	CERAMIC TECHNICS SASSUOLO STONE TEXTURES COLOR: ROVERE 5"X18" GROUT: CONTACT: LESLIE WEINBERG 404.805.7904
WT-4	CERAMIC TECHNICS SASSUOLO STONE TEXTURES COLOR: WHITE 10"X18" GROUT: CONTACT: LESLIE WEINBERG 404.805.7904
WT-3	ADEX HAMPTON SERIES 6"X6" COLOR: SAND GROUT: CONTACT: SUZANNE DUNKIN 205.382.6268
WT-6	CAESAR UNIQUA 6"X24" COLOR: ARGENTUM GROUT: CONTACT: WHITNEY BELL 615.522.7875
WT-7	CAESAR UNIQUA BULLNOSE 3"X24" COLOR: ARGENTUM GROUT: CONTACT: WHITNEY BELL 615.522.7875

ELEVATOR DETAILS

CAB WALLS:
WALNUT HARDWOOD VENEER WALL PANELS
POLISHED STAINLESS STEEL BASE/REVEAL/FRIEZE

CAB CEILINGS:
LED DOWNLIGHT WITH BRUSHED STAINLESS STEEL PANEL

HANDRAILS:
2" FLAT BAR WITH RETURNED ENDS
BRUSHED STAINLESS STEEL FINISH

FLOORING:
HARDWOOD

WALL PANEL FABRIC

WPF-1	LUNA TEXTILES PATTERN: STEPPING STONES FSS-933 COLOR: MUSTARD CONTACT: TOMMIE FORD 205.305.8102

EPOXY RESIN FINISH

EPR-1	COLOR: GRAY REFER TO SPEC SECTION 09672

SEALED CONCRETE

SC	CONCRETE WITH CLEAR FINISH

PAINT

P-1	SHERWIN WILLIAMS COLOR: 6078 REALIST BEIGE
P-2	SHERWIN WILLIAMS COLOR: 7033 BRAINSTORM BRONZE
P-3	SHERWIN WILLIAMS COLOR: 2821 DOWNING STONE
P-4	SHERWIN WILLIAMS COLOR: 6135 ECRU
P-5	SHERWIN WILLIAMS COLOR: 2848 ROYCROFT PEWTER
P-6	SHERWIN WILLIAMS COLOR: 6185 ESCAPE GRAY
P-7	SHERWIN WILLIAMS COLOR: 6122 CAMELBACK
P-8	MATCH EXISTING CEILING COLOR IN ROOMS. SUBMIT SAMPLE TO ARCHITECT FOR APPROVAL.

PLASTIC LAMINATE

PL-1	WILSONART PATTERN: WESTERN SUEDE 4871-60 EDGE BANDING: KHAKI BROWN CONTACT: JENNIFER POOLE 205.413.5553
PL-2	WILSONART PATTERN: MORRO ZEPHYR 4846-60 EDGE BANDING: BROWN CONTACT: JENNIFER POOLE 205.413.5553

SOLID SURFACE

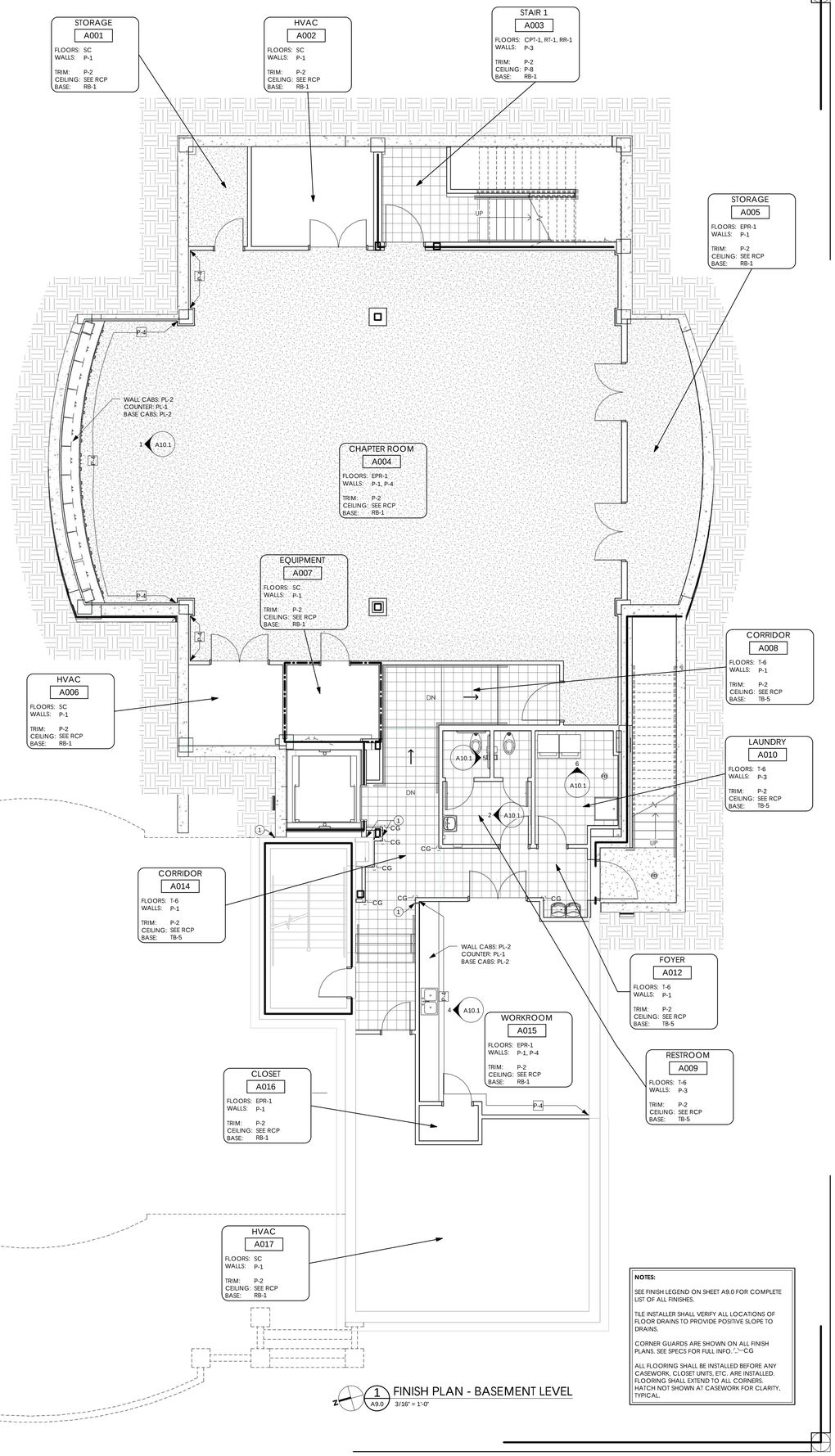
SS-1	CORIAN COLOR: SANDSTONE CONTACT: JEFF STEWART 205.475.8155

GRANITE

GR-1	GRANITE ALLOWANCE OF $40/SF FOR MATERIAL EDGE DETAIL: BEVELED THICKNESS: 3CM WOMENS RESTROOM A115
GR-2	GRANITE ALLOWANCE OF $30/SF FOR MATERIAL EDGE DETAIL: BEVELED THICKNESS: 3CM MENS RESTROOM A114
GR-3	GRANITE ALLOWANCE OF $45/SF FOR MATERIAL EDGE DETAIL: RADIUSED THICKNESS: 3CM SERVING A106

FINISH NOTES:

1. PAINT P-1 SHALL BE PAINTED ON ALL WALLS UNLESS NOTED OTHERWISE.
2. CENTER TILE IN ROOM/AREA.
3. CONTRACTOR SHALL ORDER PLASTIC LAMINATE IN LARGE SHEETS TO AVOID SEAMS.
4. PAINTER SHALL PAINT A SAMPLE OF EACH ACCENT PAINT IN LOCATIONS SPECIFIED PER FINISH PLANS FOR ARCHITECTS APPROVAL.
5. SEE MOLDING DETAILS ON A11.1 FOR ALL CROWN MOLDING, BASE MOLDING, CHAIR RAIL, AND DOOR AND WINDOW CASINGS PROFILE DETAILS AND LOCATIONS.
6. 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.
7. PROVIDE PLASTIC LAMINATE TOE KICK AT ALL PLASTIC LAMINATE BASE CABINETS.
8. UNLESS OTHERWISE NOTED ON REFLECTED CEILING PLAN ALL CEILING GRID IS TO BE WHITE.
9. SEE A9.1,A9.2, A9.3 AND A9.4 FLOOR FINISH PLANS FOR TYPE OF BASE USED IN EACH AREA.
10. ALL ELECTRICAL OUTLETS, SWITCH PLATE COVER AND DEVICE COLOR SHALL BE SELECTED BY DESIGNER. CONTRACTOR SHALL SUBMIT SAMPLE OF ALL OPTIONS FOR APPROVAL.
11. 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.
12. 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.
13. **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.**
14. REFER TO FLOOR FINISH PLANS FOR TYPE OF TRANSITION STRIPS BETWEEN CHANGE OF FLOORING MATERIALS.
15. SEE A9.5, A9.6, A9.7 AND A9.8 WALL FINISH PLANS FOR LOCATIONS OF CORNER GUARDS ON EACH FLOOR.
16. ALL INTERIOR TRIM OF WINDOWS AND DOORS SHALL MATCH WINDOW AND DOOR CASING PAINT COLOR.
17. ALL EXISTING BEDROOMS ON 2ND AND 3RD FLOORS WILL ALL RECEIVE A FRESH COAT OF PAINT, WALLS SHALL BE P-1, TRIM SHALL BE P-2, AND CEILINGS SHALL BE P-8.
18. ALL EXISTING RESTROOMS ON 2ND AND 3RD FLOORS WILL ALL RECEIVE A FRESH COAT OF PAINT. WALL SHALL BE P-7, TRIM SHALL BE P-2 AND CEILING SHALL BE P-8.
19. EXISTING STUDY ROOMS ON 2ND AND 3RD FLOORS SHALL RECEIVE A FRESH COAT OF PAINT. WALLS SHALL BE P-1 AND TRIM SHALL BE P-2.
20. EXISTING STUDY ROOMS ON 2ND AND 3RD FLOORS WILL HAVE NEW TACK BOARDS INSTALLED BETWEEN BOTTOM OF WALL CABINETS AND WORK SURFACE. 10 TACK BOARDS 4'-0"W AND 1'-6"H SHALL BE PROVIDED.
21. SEE BUILDING SECTION THROUGH KITCHEN AREA. ALL WALL TILE SHALL EXTEND 4" ABOVE LAY-IN CEILING.



1 A9.0 FINISH PLAN - BASEMENT LEVEL
3/16" = 1'-0"

NOTES:

SEE FINISH LEGEND ON SHEET A9.0 FOR COMPLETE LIST OF ALL FINISHES.

TILE INSTALLER SHALL VERIFY ALL LOCATIONS OF FLOOR DRAINS TO PROVIDE POSITIVE SLOPE TO DRAINS.

CORNER GUARDS ARE SHOWN ON ALL FINISH PLANS. SEE SPECS FOR FULL INFO. '-'=CG

ALL FLOORING SHALL BE INSTALLED BEFORE ANY CASEWORK, CLOSET UNITS, ETC. ARE INSTALLED. FLOORING SHALL EXTEND TO ALL CORNERS. HATCH NOT SHOWN AT CASEWORK FOR CLARITY, TYPICAL.

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Chi Omega Sorority

The University of Alabama Campus
UA Project Number 910-12-024
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

STATE OF ALABAMA
MICHAEL A. ELLIS
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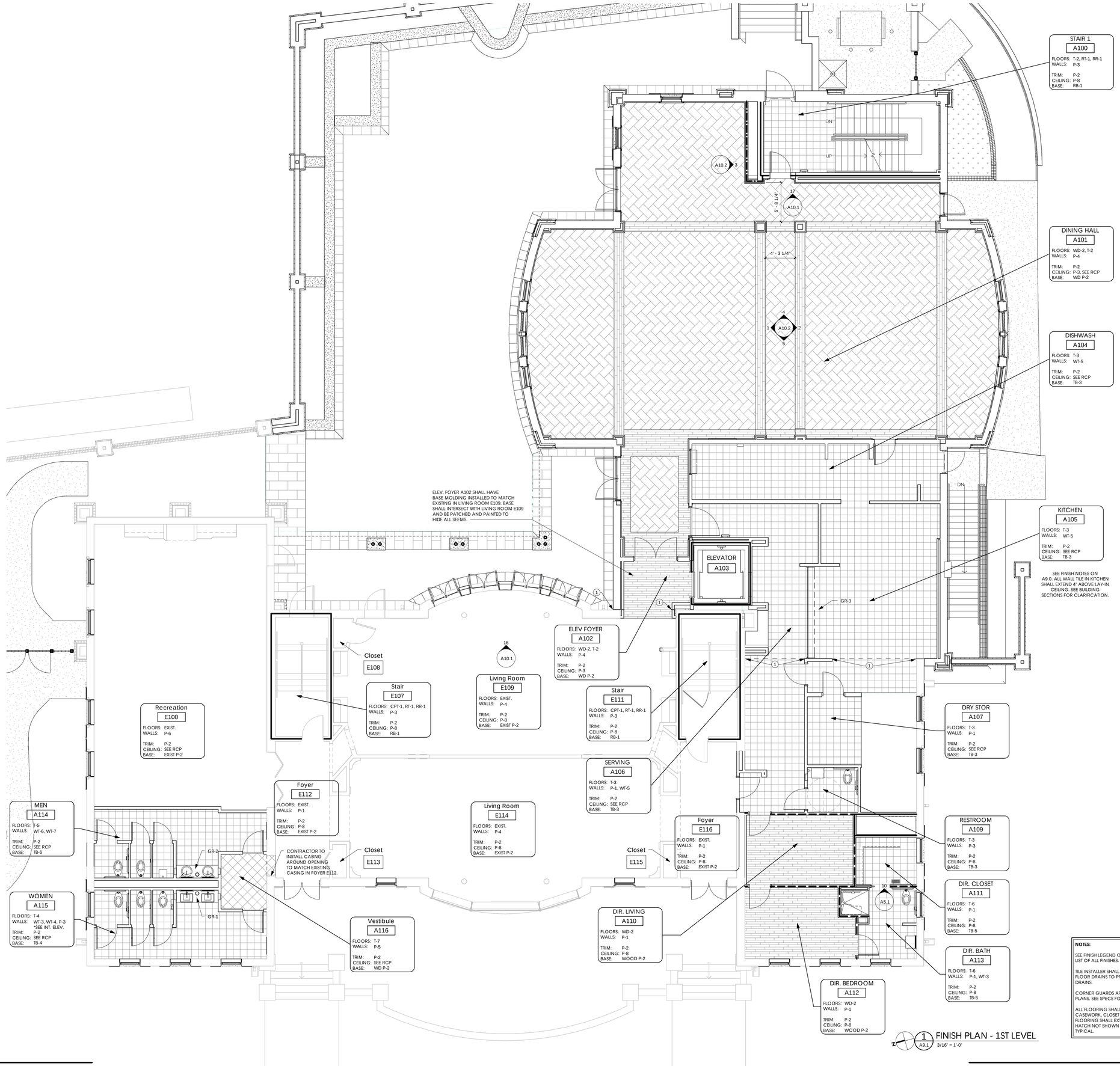
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Finish Plan Basement Level

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1 A9.1 FINISH PLAN - 1ST LEVEL
3/16" = 1'-0"

NOTES:

SEE FINISH LEGEND ON SHEET A9.0 FOR COMPLETE LIST OF ALL FINISHES.

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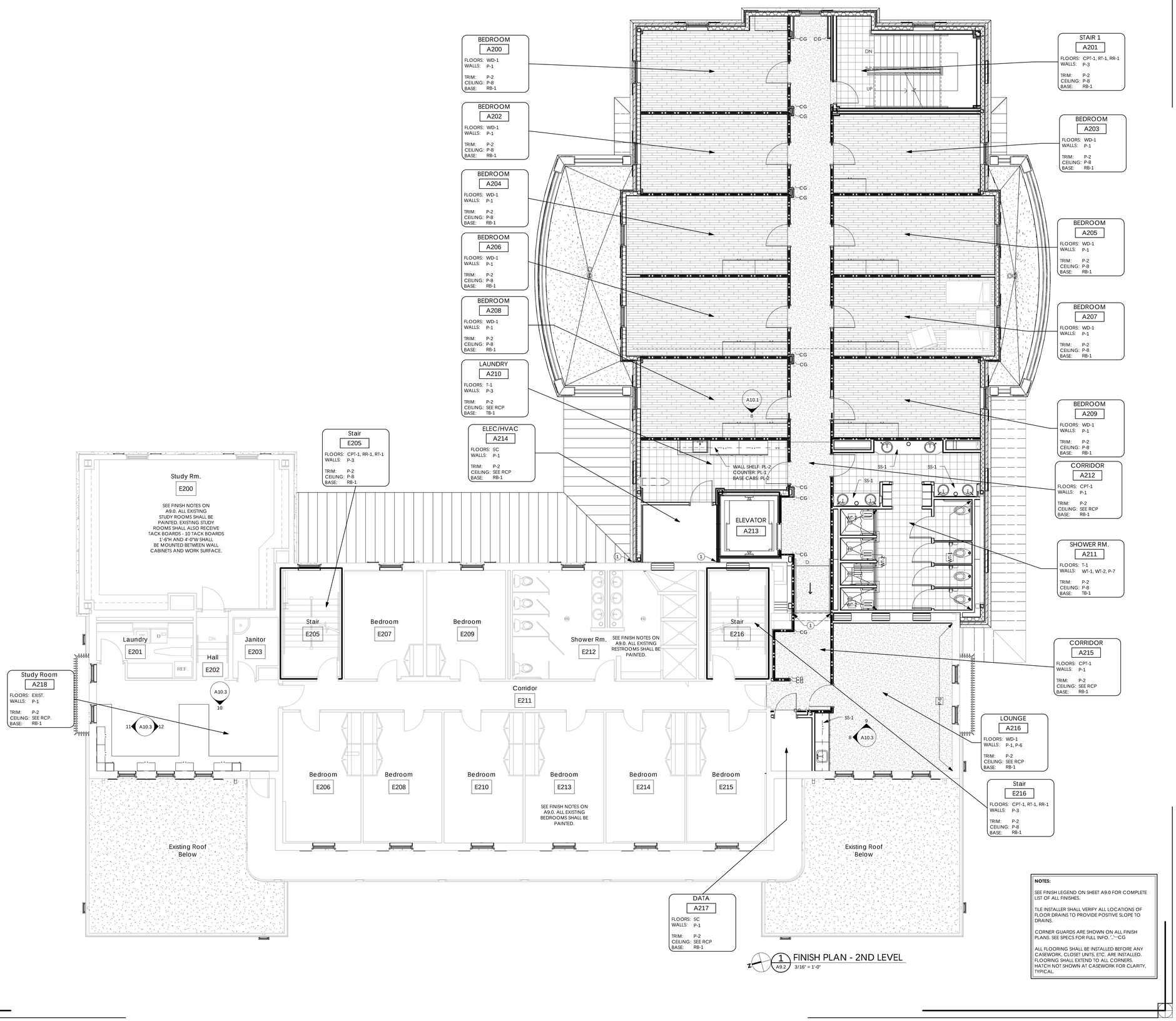
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Finish Plan
First Level

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NOTES:

SEE FINISH LEGEND ON SHEET A9.0 FOR COMPLETE LIST OF ALL FINISHES.

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CORNER GUARDS ARE SHOWN ON ALL FINISH PLANS. SEE SPECS FOR FULL INFO. ∴ ~CG

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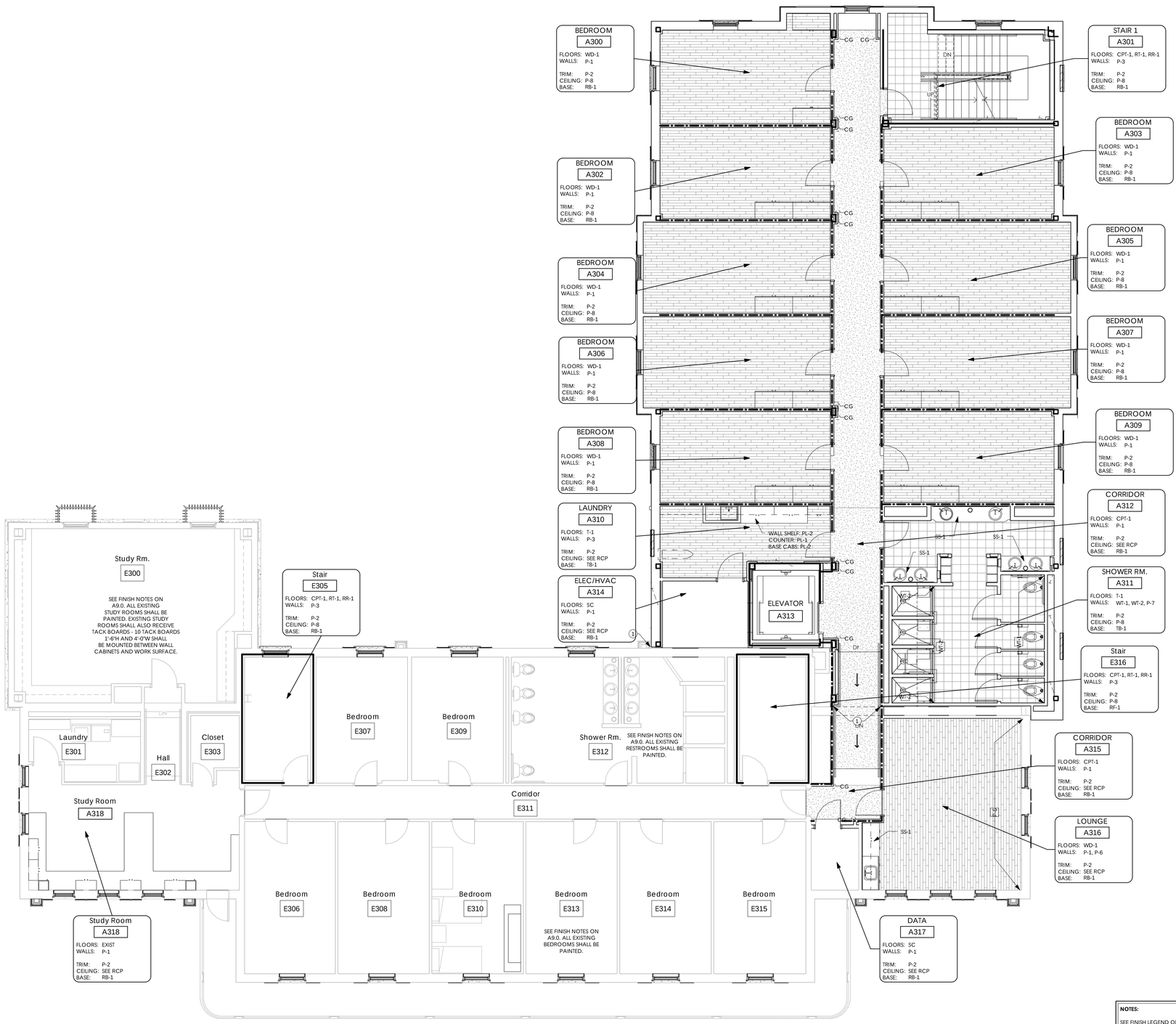
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Finish Plan Second Level

SHEET NUMBER A9.2

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NOTES:

SEE FINISH LEGEND ON SHEET A9.0 FOR COMPLETE LIST OF ALL FINISHES.

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CORNER GUARDS ARE SHOWN ON ALL FINISH PLANS. SEE SPECS FOR FULL INFO. '⌐'=CG

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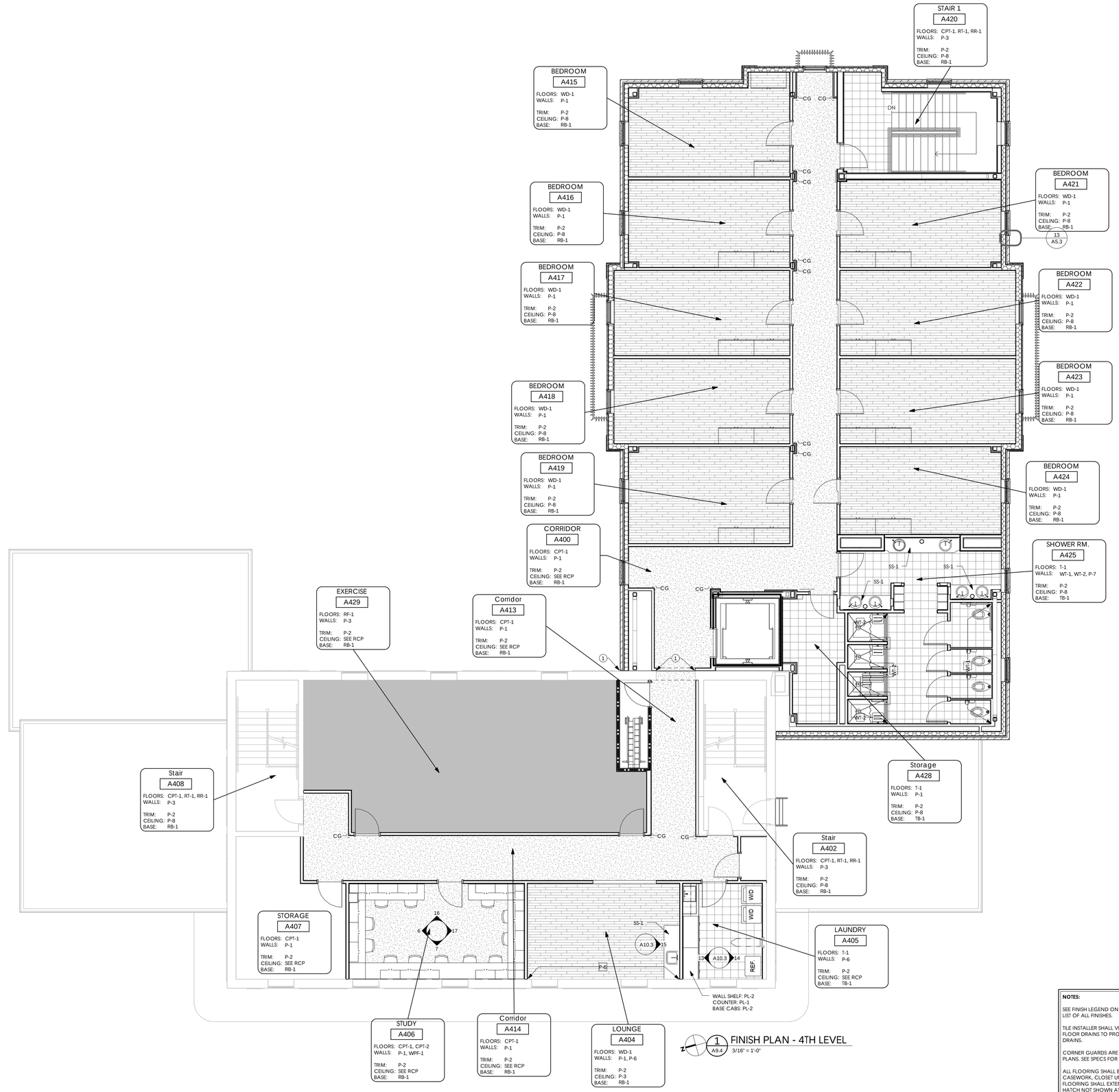
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Finish Plan Third Level

SHEET NUMBER A9.3

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1 A9.4 FINISH PLAN - 4TH LEVEL
3/16" = 1'-0"

NOTES:

SEE FINISH LEGEND ON SHEET A9.0 FOR COMPLETE LIST OF ALL FINISHES.

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CORNER GUARDS ARE SHOWN ON ALL FINISH PLANS. SEE SPECS FOR FULL INFO. ⌜⌞—CG

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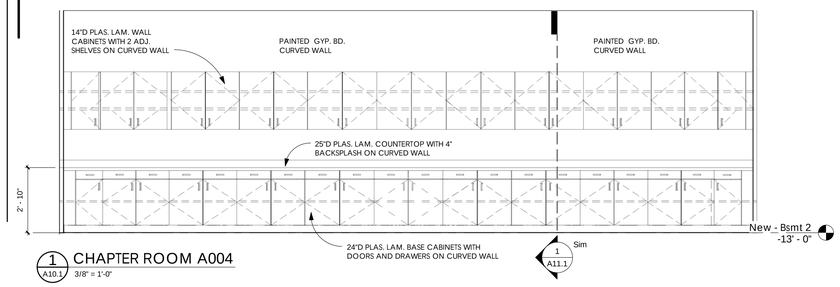
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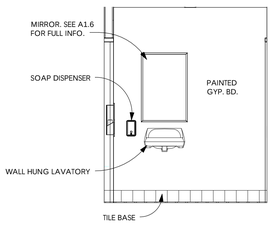
Finish Plan Fourth Level

SHEET NUMBER A9.4

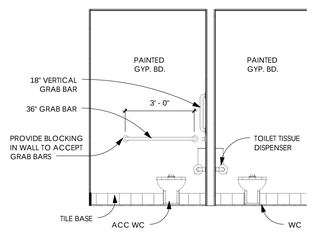
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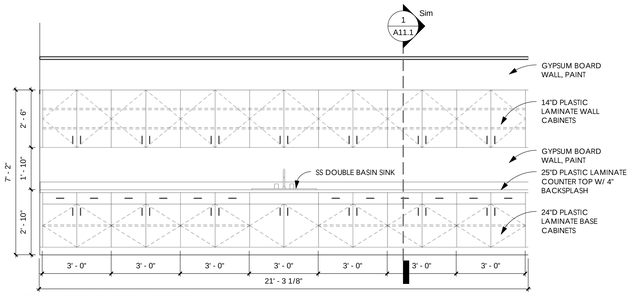
1 A10.1 CHAPTER ROOM A004
3/8" = 1'-0"



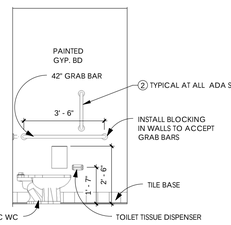
2 A10.1 RESTROOM A010 - NORTH
3/8" = 1'-0"



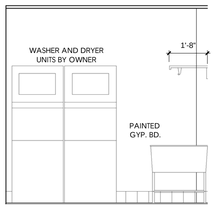
3 A10.1 RESTROOM A010 - EAST
3/8" = 1'-0"



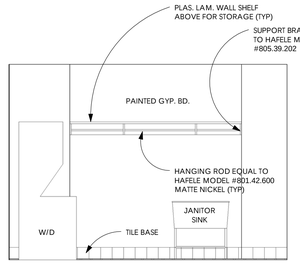
4 A10.1 WORKROOM A015
3/8" = 1'-0"



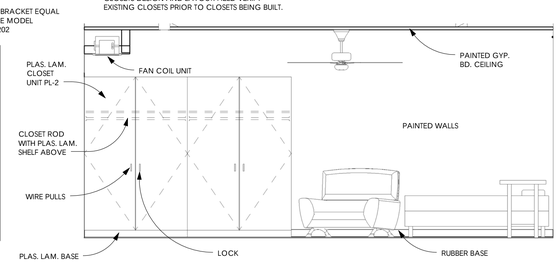
5 A10.1 RESTROOM A010 - SOUTH
3/8" = 1'-0"



6 A10.1 LAUNDRY A011 - EAST
3/8" = 1'-0"

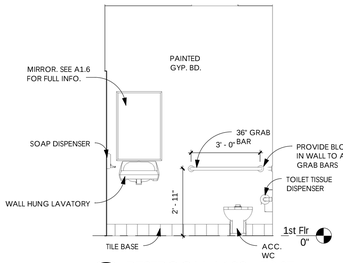


7 A10.1 LAUNDRY A011 - SOUTH
3/8" = 1'-0"

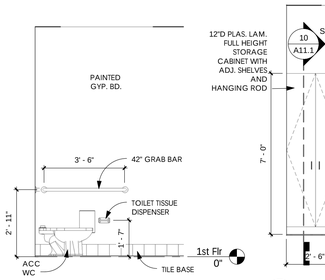


8 A10.1 TYPICAL CLOSET
3/8" = 1'-0"

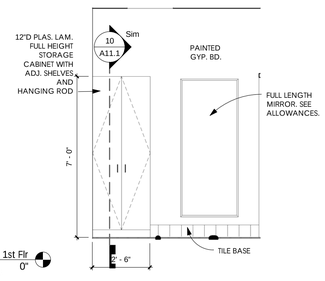
NOTE: ALL CLOSET CASEWORK UNITS SHALL BE BUILT IN MULTIPLE PIECES AND ASSEMBLED ON SITE TO ENSURE DELIVERY THROUGH EXISTING STAIRWELL. THE CONTRACTOR SHALL COORDINATE WITH CASEWORK MANUFACTURER.



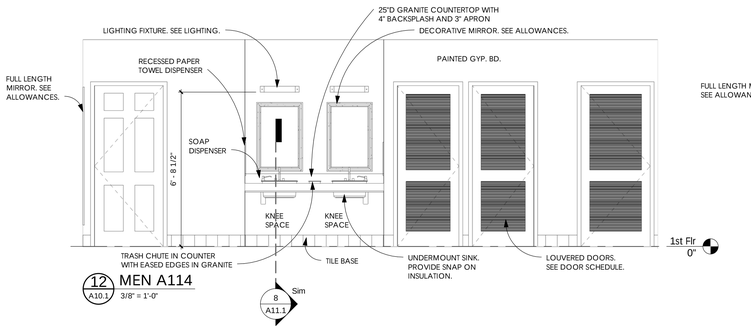
9 A10.1 RESTROOM A109 - EAST
3/8" = 1'-0"



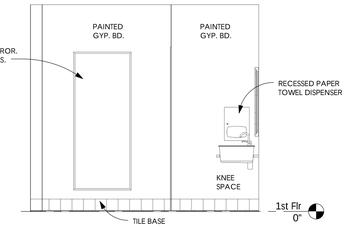
10 A10.1 RESTROOM A109 - SOUTH
3/8" = 1'-0"



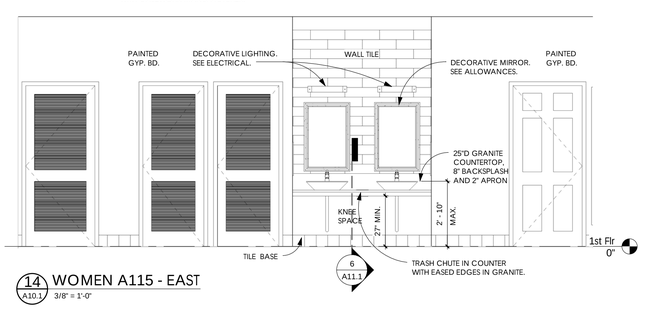
11 A10.1 RESTROOM A109 - WEST
3/8" = 1'-0"



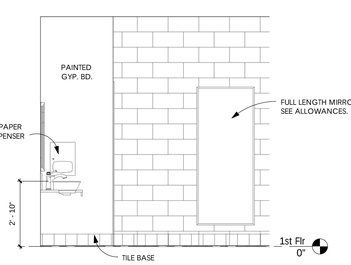
12 A10.1 MEN A114
3/8" = 1'-0"



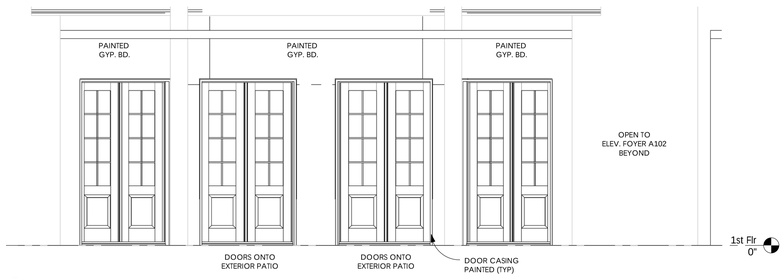
13 A10.1 MEN A114 - SOUTH
3/8" = 1'-0"



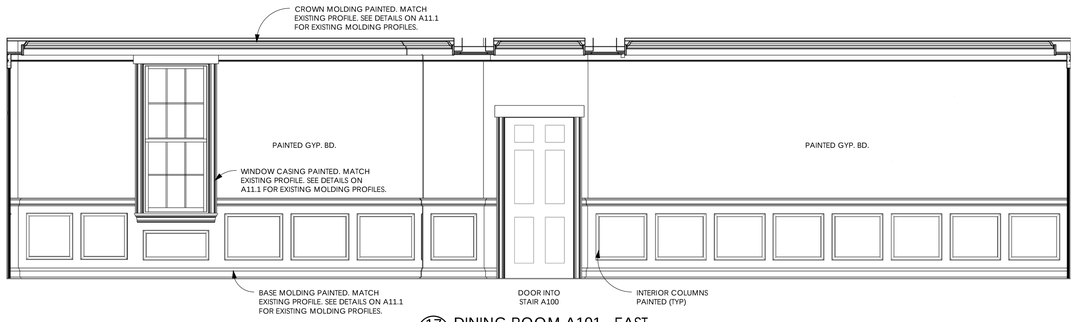
14 A10.1 WOMEN A115 - EAST
3/8" = 1'-0"



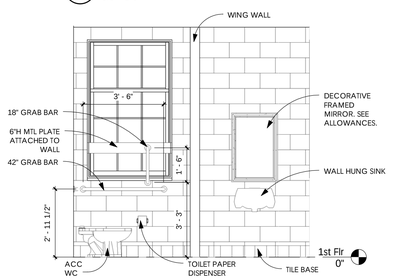
15 A10.1 WOMEN A115 - SOUTH
3/8" = 1'-0"



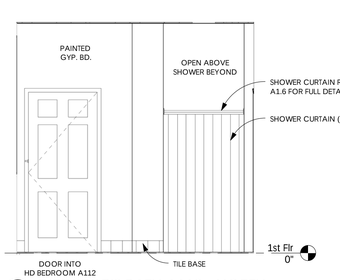
16 A10.1 LIVING E109 - EAST
3/8" = 1'-0"



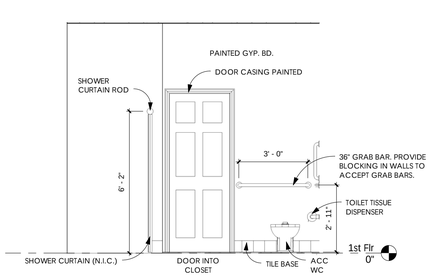
17 A10.1 DINING ROOM A101 - EAST
3/8" = 1'-0"



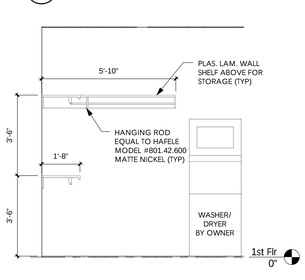
19 A10.1 DIRECTOR'S BATH A113 - SOUTH
3/8" = 1'-0"



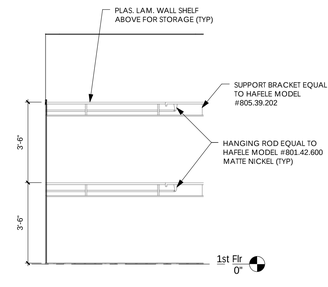
20 A10.1 DIRECTOR'S BATH A113 - NORTH
3/8" = 1'-0"



21 A10.1 DIRECTOR'S BATH A113 - EAST
3/8" = 1'-0"



23 A10.1 DIRECTOR'S CLOSET A111 - EAST
3/8" = 1'-0"



22 A10.1 DIRECTOR'S CLOSET A111 - NORTH
3/8" = 1'-0"

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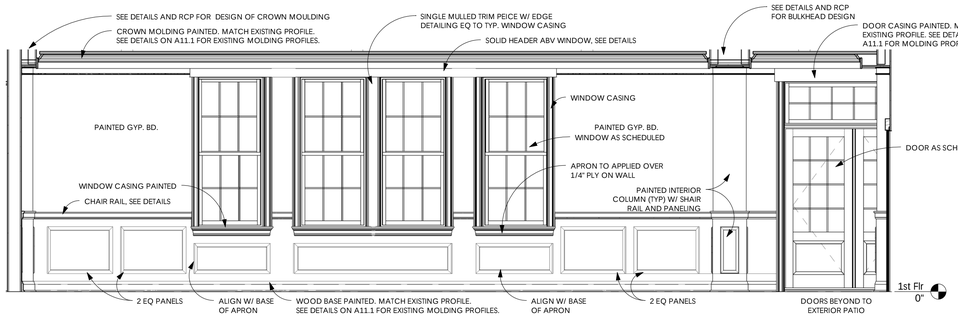
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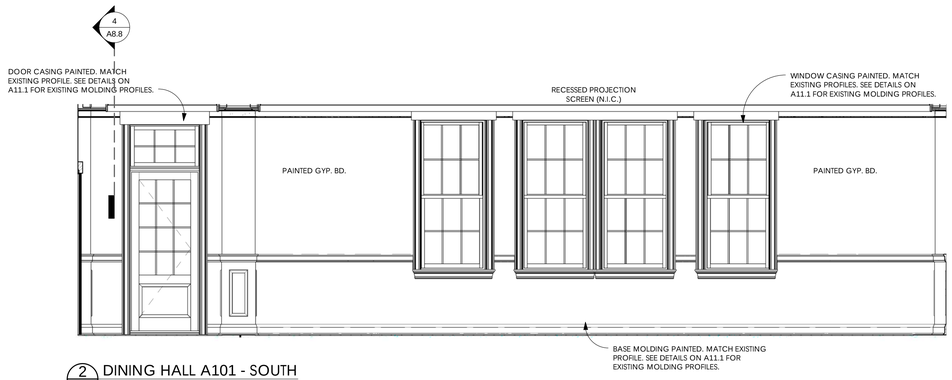
Interior Elevations

SHEET NUMBER A10.1

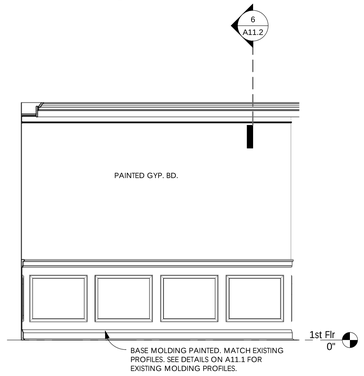


1 A10.2 DINING HALL A101 - NORTH
3/8" = 1'-0"

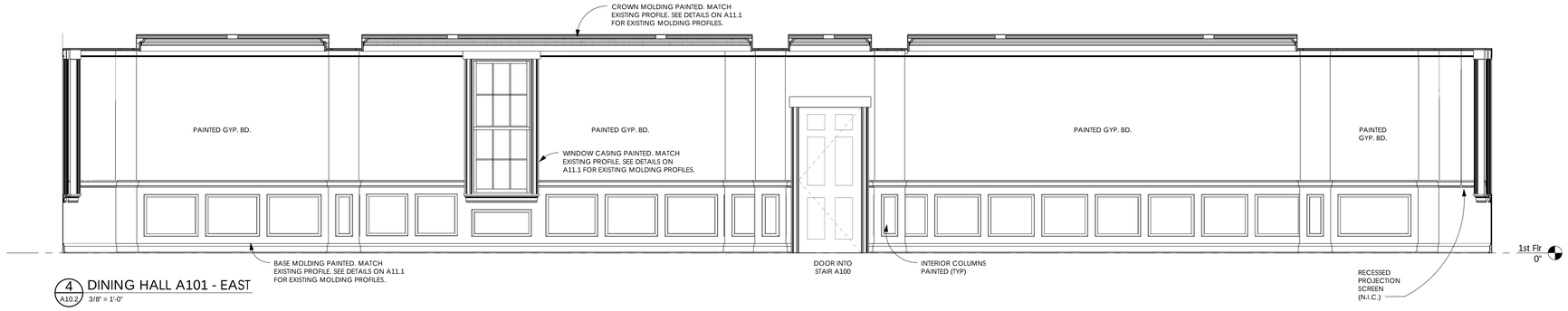
NOTE:
TYPICAL WALLS AT DINING HALL A101 AND THE FOYER AT THE DINING HALL, PROVIDE CHAIR RAIL AND PANEL MOULDING SIMILIAR TO EXAMPLE SHOWN ABV. PROVIDE SHOP DRAWINGS FOR ARCHITECT'S APPROVAL.



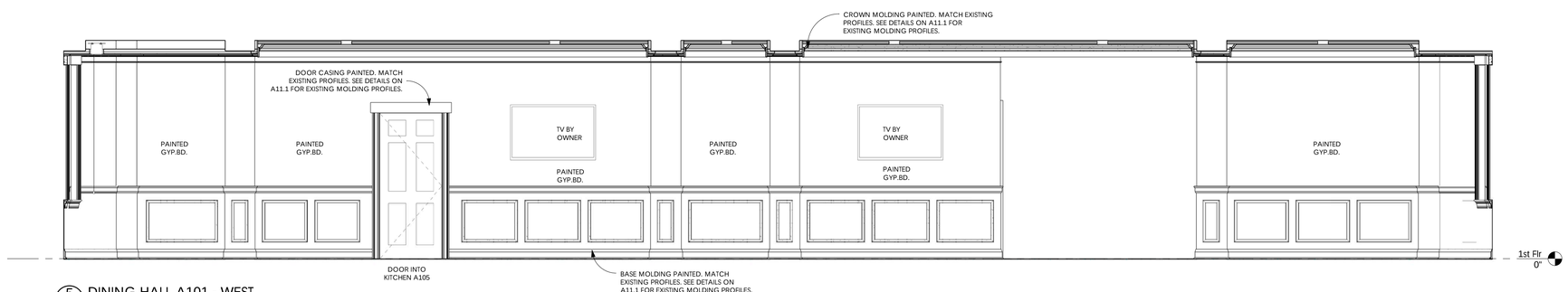
2 A10.2 DINING HALL A101 - SOUTH
3/8" = 1'-0"



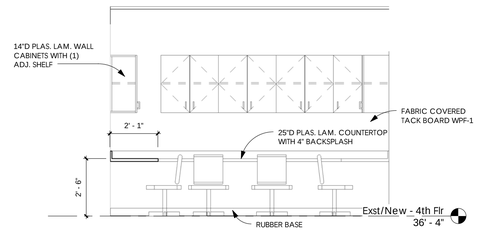
3 A10.2 DINING HALL A101 - SOUTH.
3/8" = 1'-0"



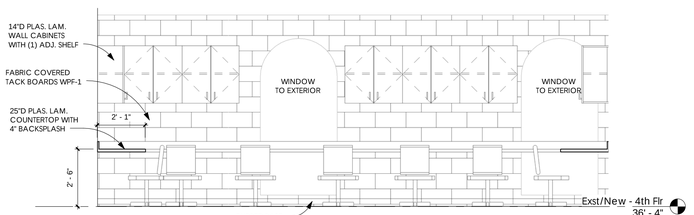
4 A10.2 DINING HALL A101 - EAST
3/8" = 1'-0"



5 A10.2 DINING HALL A101 - WEST
3/8" = 1'-0"



6 A10.2 STUDY A406 - NORTH
3/8" = 1'-0"



7 A10.2 STUDY A406 - WEST
3/8" = 1'-0"

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MICHAEL A. ELLIS
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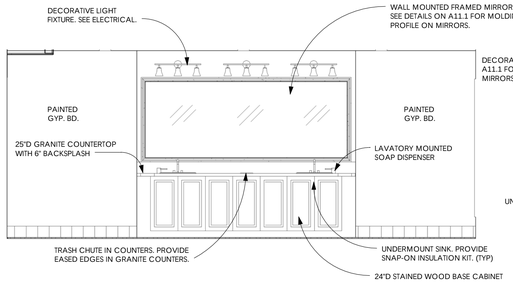
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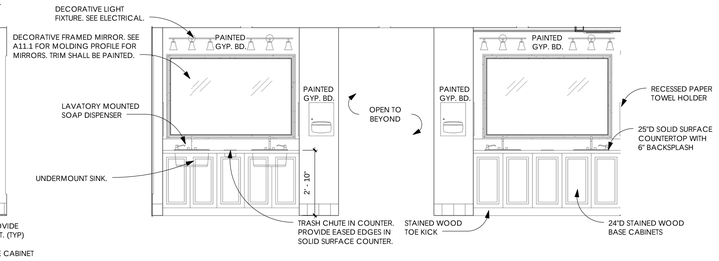
JOB No.	11039
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Interior Elevations

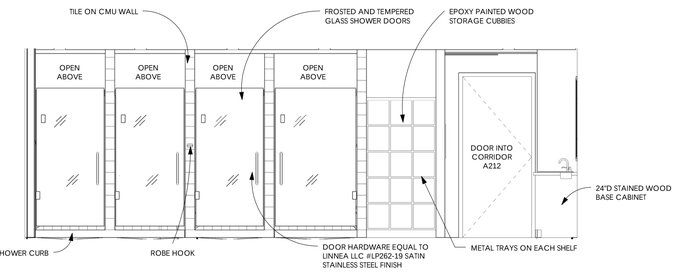
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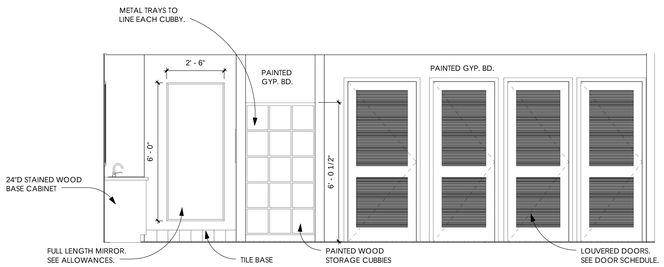
1 A10.3 SHOWER ROOM - A211 (A311 A425 SIM)
3/8" = 1'-0"



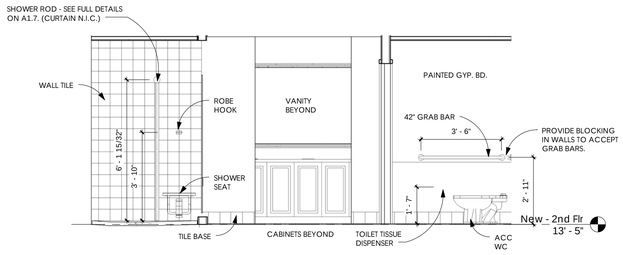
2 A10.3 SHOWER ROOM - A211 (A311, A425 SIM)
3/8" = 1'-0"



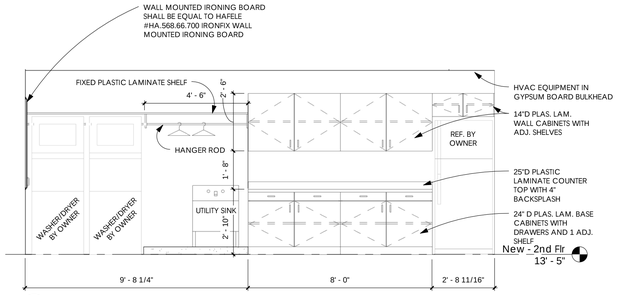
3 A10.3 SHOWER ROOM - A211 (A311 A425 SIM)
3/8" = 1'-0"



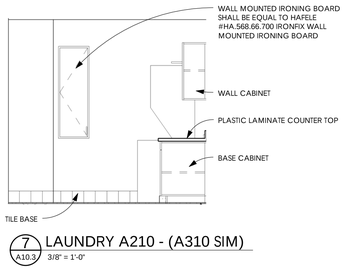
4 A10.3 SHOWER ROOM - A211 (A311, A425 SIM)
3/8" = 1'-0"



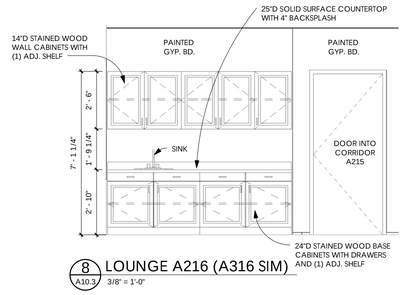
5 A10.3 SHOWER ROOM A211 - EAST (A311, A425 SIM)
3/8" = 1'-0"



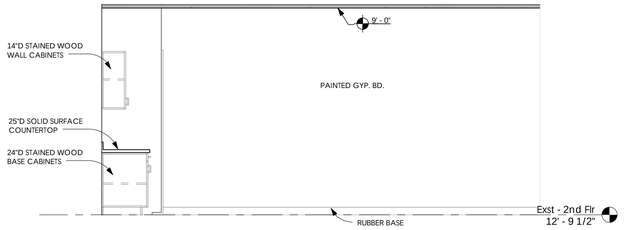
6 A10.3 LAUNDRY A210 (A310 SIM)
3/8" = 1'-0"



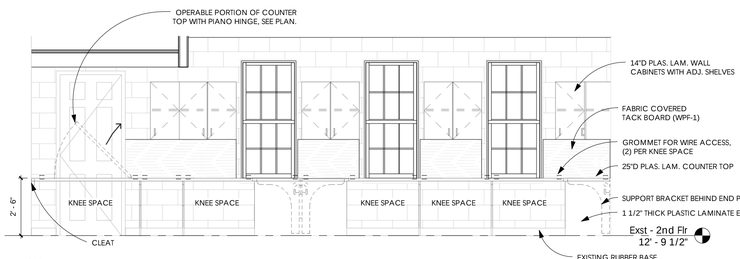
7 A10.3 LAUNDRY A210 - (A310 SIM)
3/8" = 1'-0"



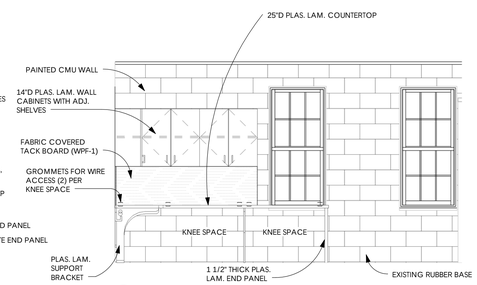
8 A10.3 LOUNGE A216 (A316 SIM)
3/8" = 1'-0"



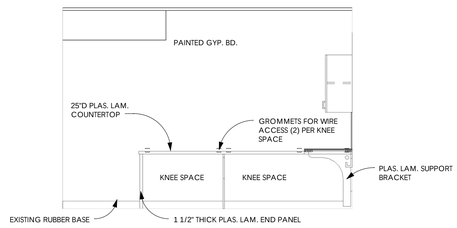
9 A10.3 LOUNGE A216
3/8" = 1'-0"



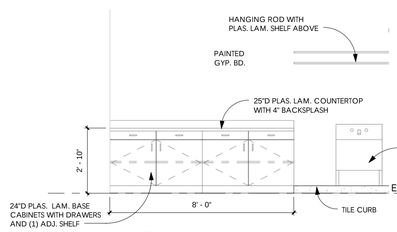
10 A10.3 STUDY ROOM A218
3/8" = 1'-0"



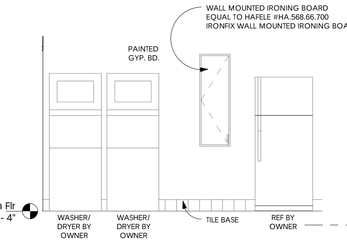
11 A10.3 STUDY ROOM A218 - NORTH
3/8" = 1'-0"



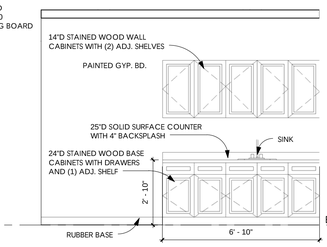
12 A10.3 STUDY ROOM A218 - SOUTH
3/8" = 1'-0"



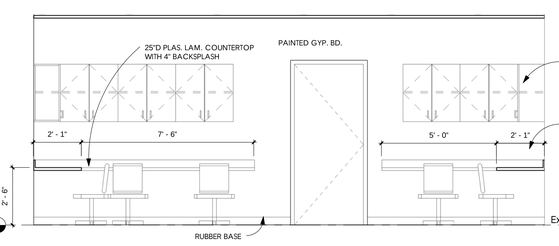
13 A10.3 LAUNDRY A405 - NORTH
3/8" = 1'-0"



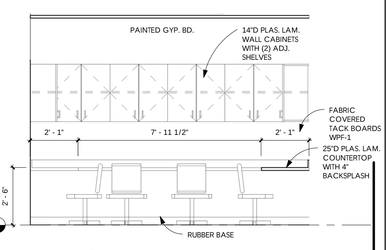
14 A10.3 LAUNDRY A405 - SOUTH
3/8" = 1'-0"



15 A10.3 LOUNGE A404
3/8" = 1'-0"



16 A10.3 STUDY A406 - EAST
3/8" = 1'-0"



17 A10.3 STUDY A406 - SOUTH
3/8" = 1'-0"

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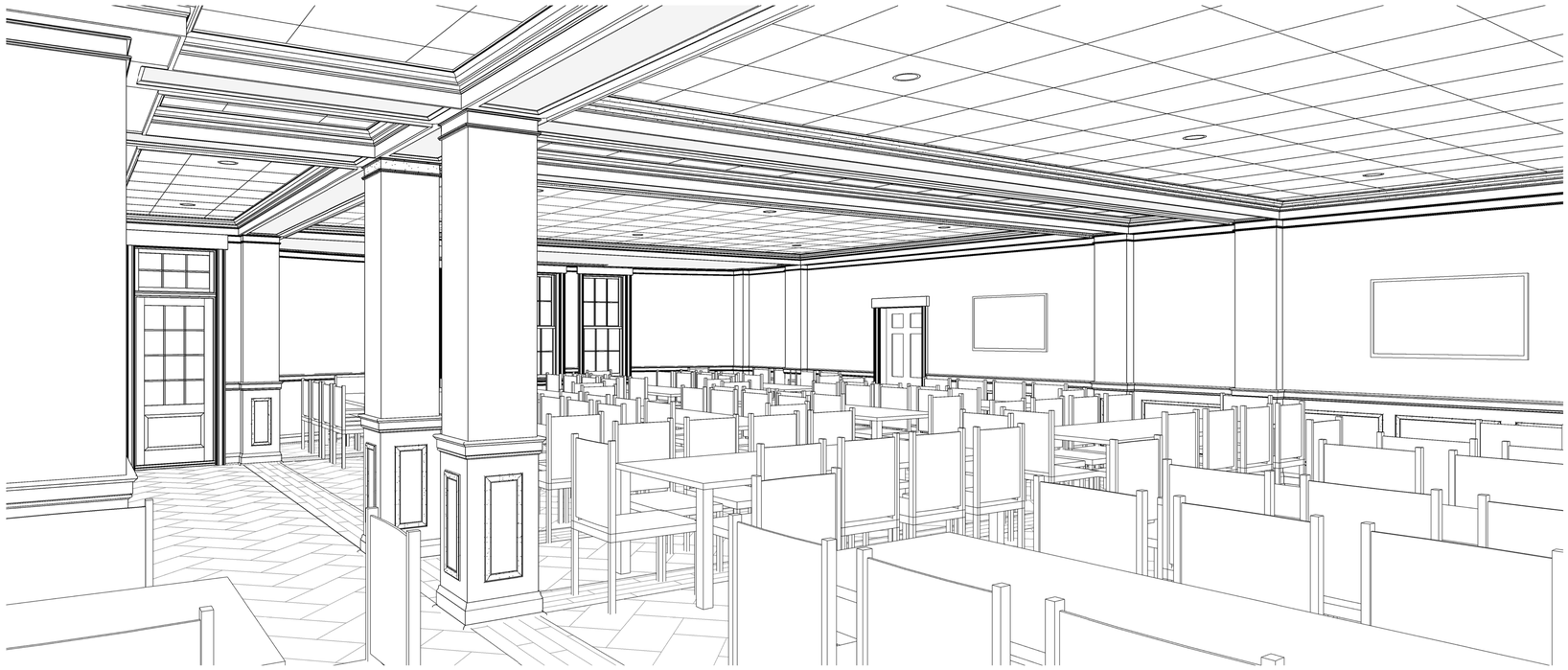
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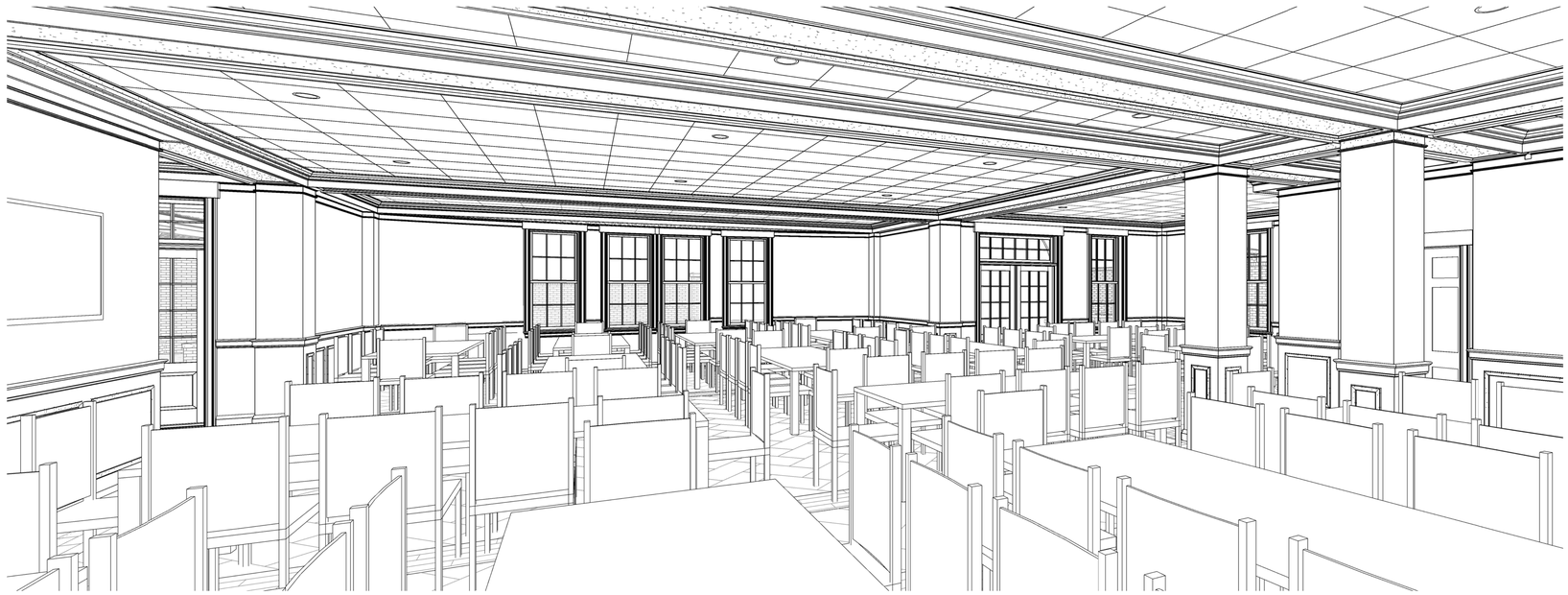
Interior Elevations

SHEET NUMBER A10.3

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1 A10.4 Interior Perpsective of Dining Hall



2 A10.4 Interior Perspective of Dining Hall

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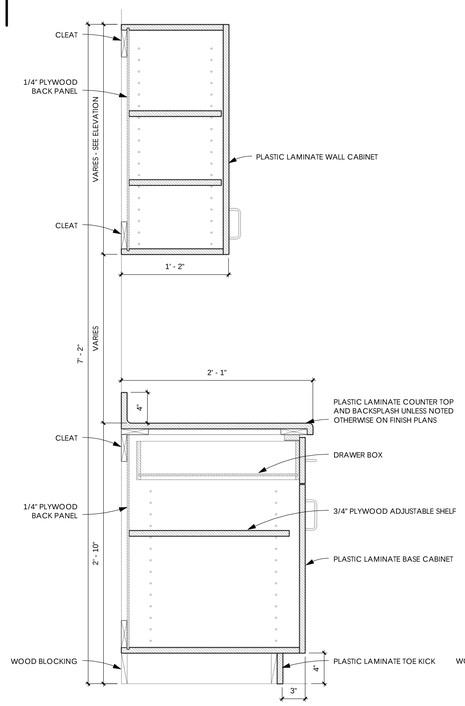
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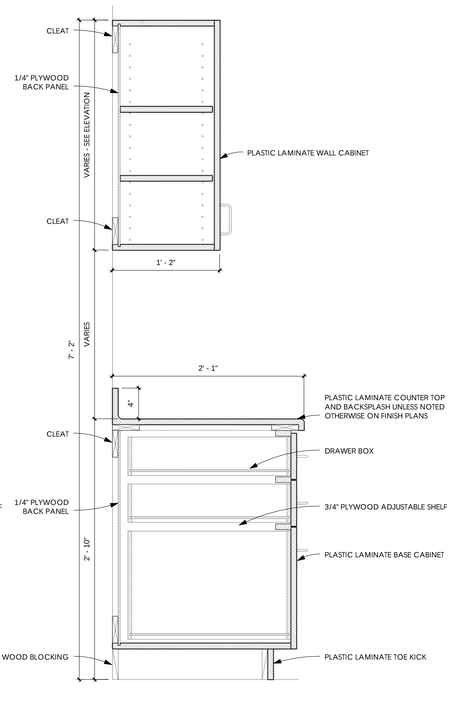
Interior 3D Views

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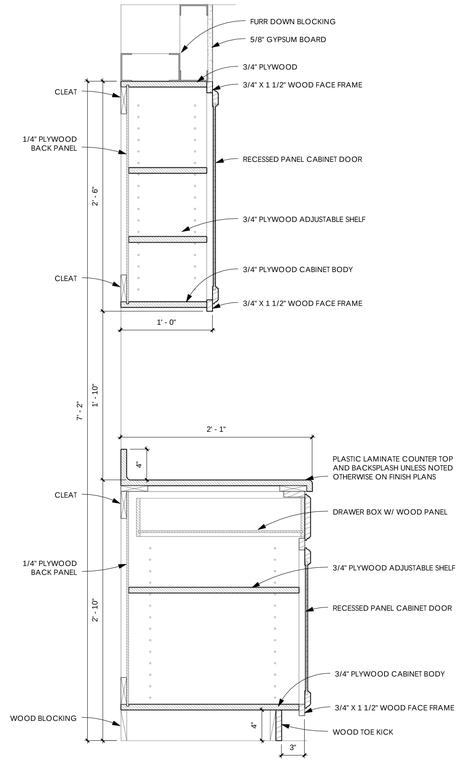
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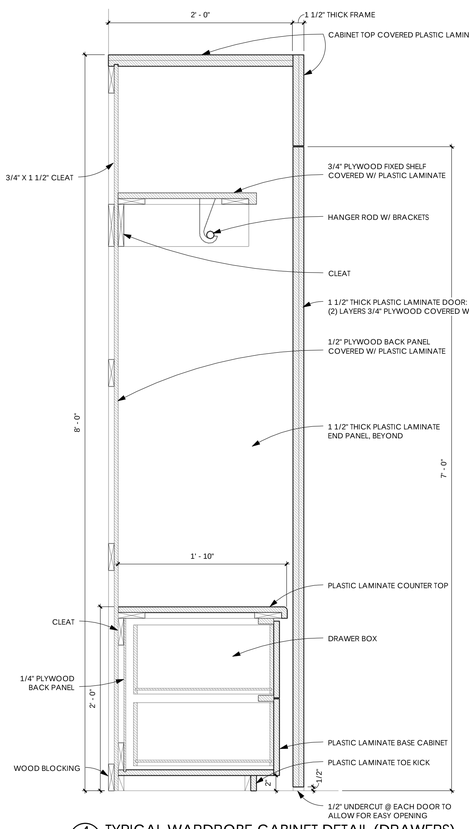
1 A11.1 TYPICAL BASE & WALL CABINET DETAIL
1 1/2" = 1'-0"



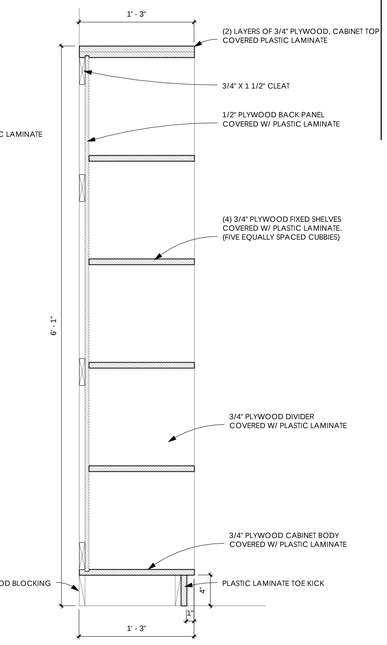
2 A11.1 TYPICAL BASE & WALL CABINET DETAIL (DRAWERS)
1 1/2" = 1'-0"



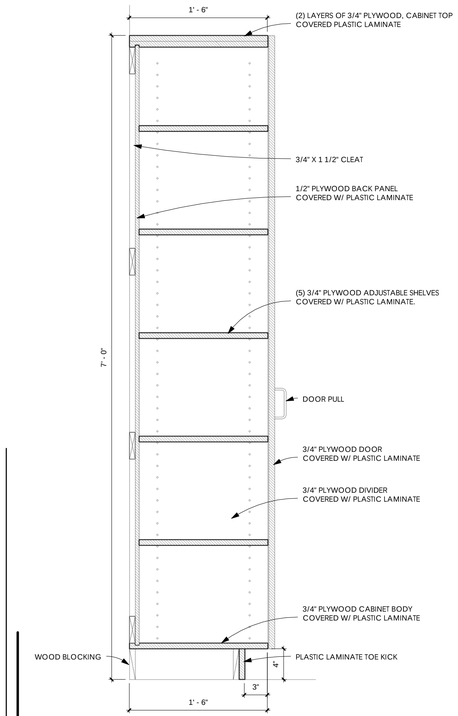
3 A11.1 BASE & WALL CABINET DETAIL (R&R)
1 1/2" = 1'-0"



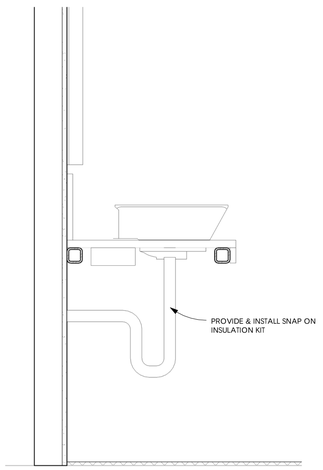
4 A11.1 TYPICAL WARDROBE CABINET DETAIL (DRAWERS)
1 1/2" = 1'-0"



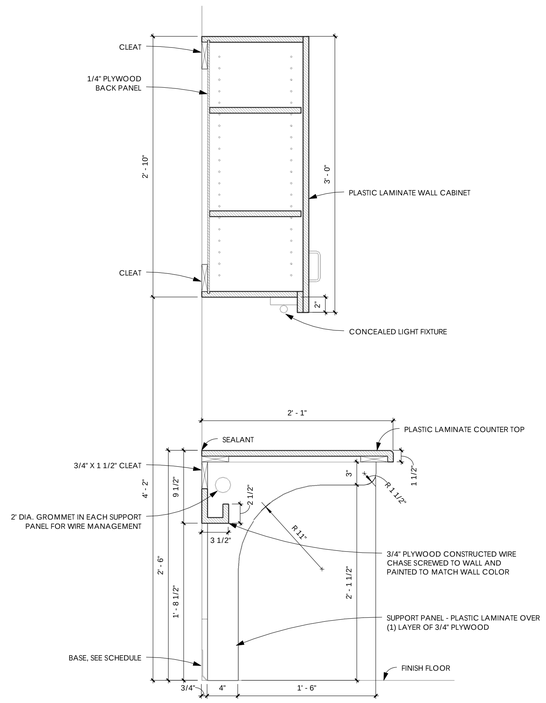
5 A11.1 TALL STORAGE CUBBY DETAIL
1 1/2" = 1'-0"



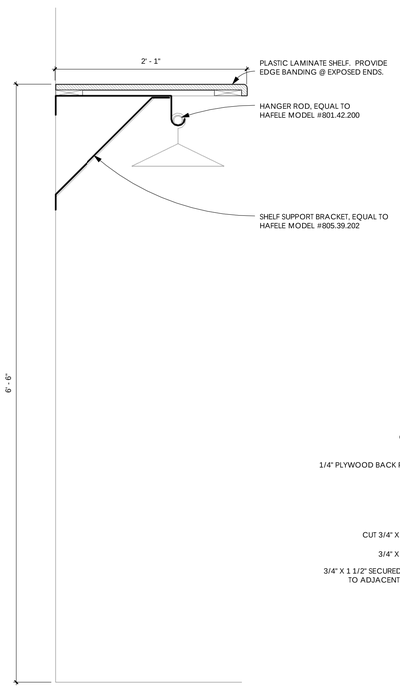
10 A11.1 RESTROOM STORAGE DETAIL
1 1/2" = 1'-0"



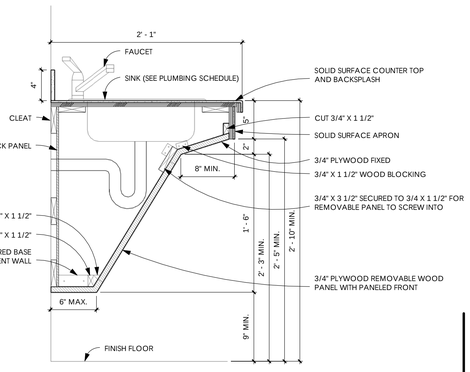
6 A11.1 ADA Sink Cabinetry Detail
1 1/2" = 1'-0"



7 A11.1 TYPICAL COMPUTER STATION
1 1/2" = 1'-0"



9 A11.1 HANGING ROD DETAIL
1 1/2" = 1'-0"



8 A11.1 ADA SINK CABINETRY DETAIL (SOLID SURFACE)
1 1/2" = 1'-0"

1/18/2013 4:10:58 PM

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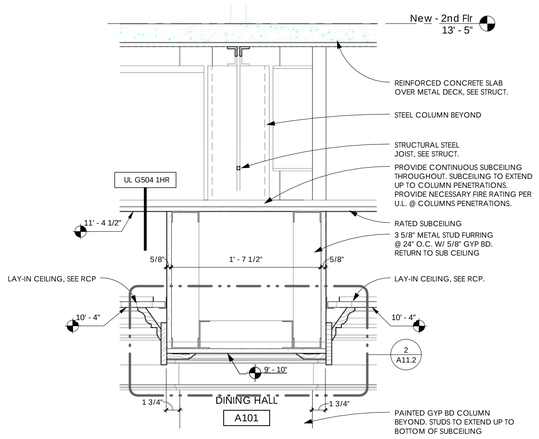
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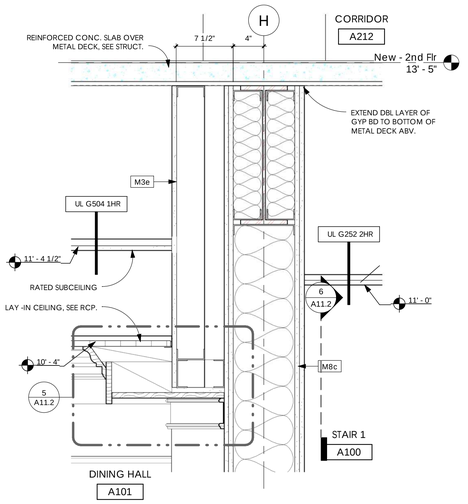
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Interior Details

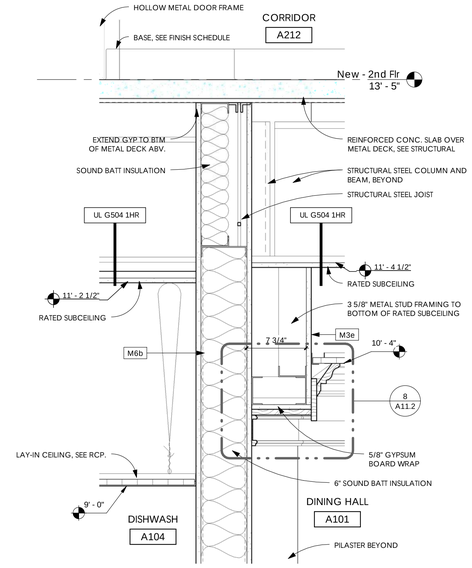
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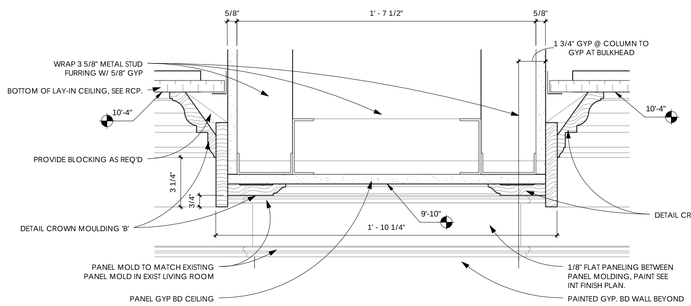
1 A11.2 CEILING DETAIL @ FURRDOWN
1 1/2" = 1'-0"



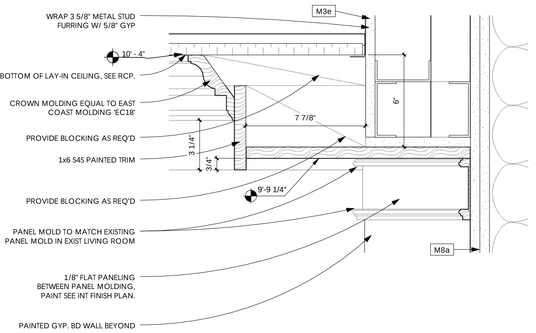
4 A11.2 CEILING FURRDOWN DETAIL @ DINING HALL CEILING
1 1/2" = 1'-0"



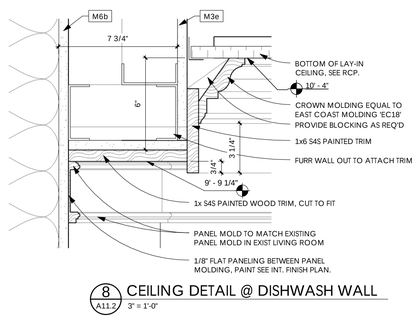
7 A11.2 CEILING DETAIL @ DISHWALL WALL
1 1/2" = 1'-0"



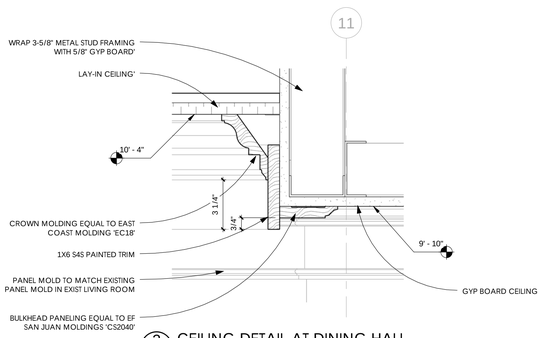
2 A11.2 TYP. BULKHEAD DETAIL @ DINING HALL
3" = 1'-0"



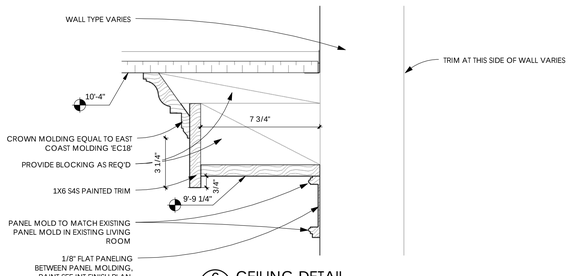
5 A11.2 CEILING DETAIL @ DOOR TO STAIR
3" = 1'-0"



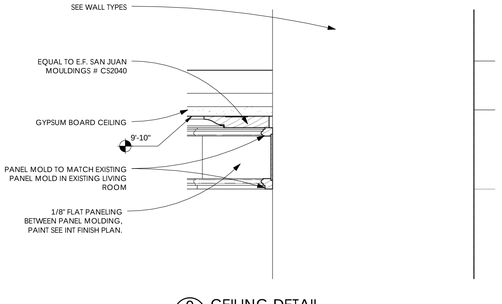
8 A11.2 CEILING DETAIL @ DISHWASH WALL
3" = 1'-0"



3 A11.2 CEILING DETAIL AT DINING HALL
3" = 1'-0"



6 A11.2 CEILING DETAIL
3" = 1'-0"



9 A11.2 CEILING DETAIL
3" = 1'-0"

1/18/2013 4:11:22 PM

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The University of Alabama Campus
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Tuscaloosa, Alabama

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STATE OF ALABAMA
MICHAEL A. ELLIS
3692
REGISTERED ARCHITECT

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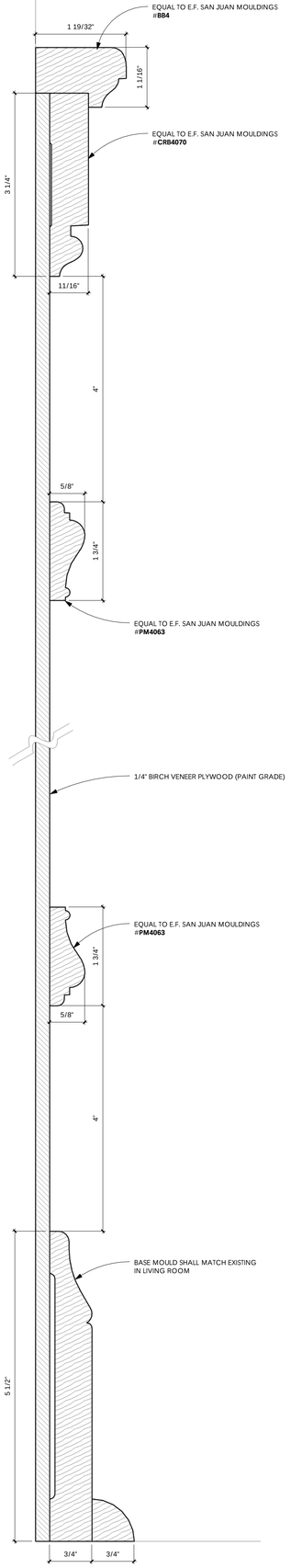
Do Not Scale From Drawings.

Contractor must verify all dimensions prior to construction.

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Interior Details

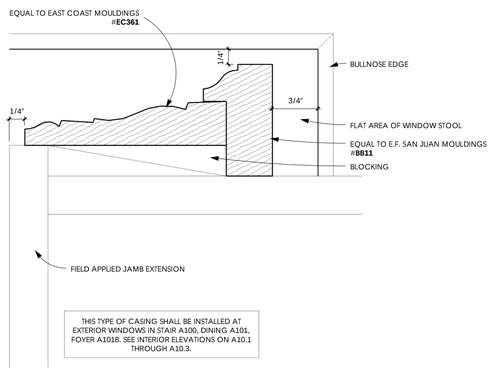
SHEET NUMBER A11.2



1 DETAIL OF WAINSCOT PANEL
A11.3 12" = 1'-0"

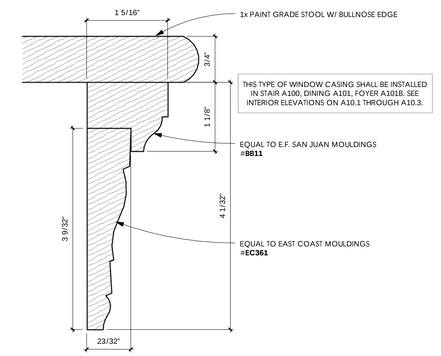
2 DETAIL @ DOOR HEADER
A11.3 12" = 1'-0"

THIS TYPE OF CROWN MOULDING SHALL BE INSTALLED IN DINING A101 AND FOYER A101B. SEE INTERIOR ELEVATIONS ON A10.1 THROUGH A10.3 AND DETAILS ON A8.X.



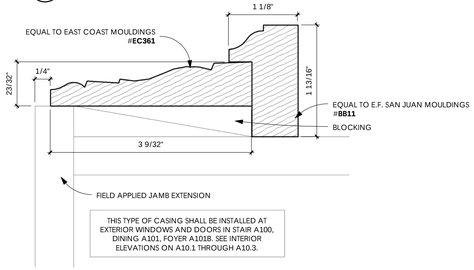
THIS TYPE OF CASING SHALL BE INSTALLED AT EXTERIOR WINDOWS IN STAIR A100, DINING A101, FOYER A101B. SEE INTERIOR ELEVATIONS ON A10.1 THROUGH A10.3.

4 WINDOW STOOL AT CASING ONE (JAMB)
A11.3 12" = 1'-0"



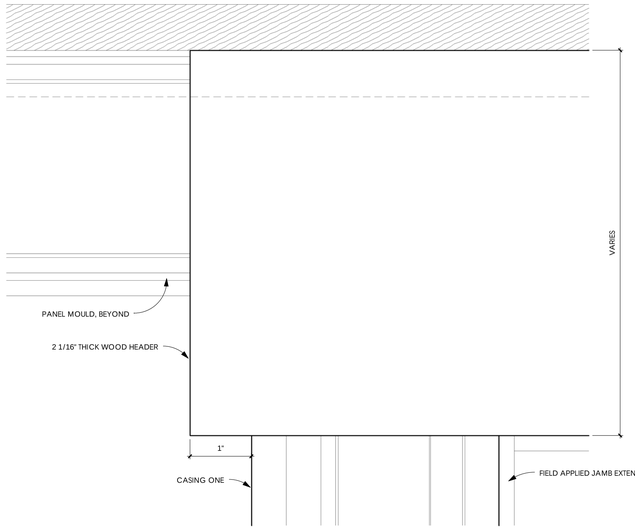
THIS TYPE OF WINDOW CASING SHALL BE INSTALLED IN STAIR A100, DINING A101, FOYER A101B. SEE INTERIOR ELEVATIONS ON A10.1 THROUGH A10.3.

6 WINDOW STOOL AND APRON AT CASING ONE (SILL)
A11.3 12" = 1'-0"

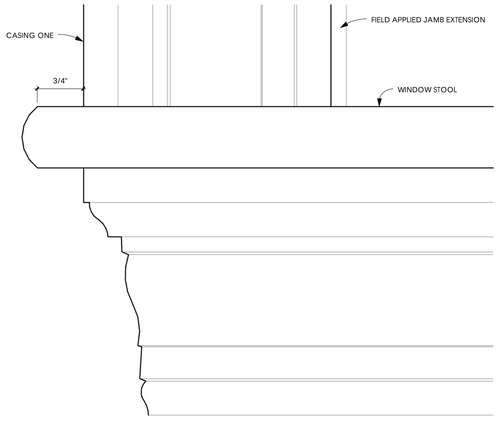


THIS TYPE OF CASING SHALL BE INSTALLED AT EXTERIOR WINDOWS AND DOORS IN STAIR A100, DINING A101, FOYER A101B. SEE INTERIOR ELEVATIONS ON A10.1 THROUGH A10.3.

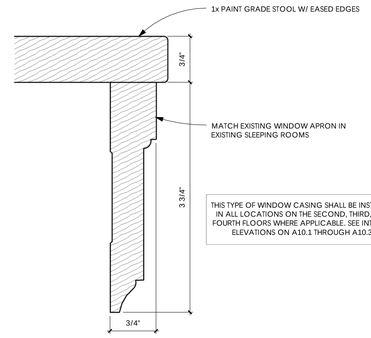
8 CASING ONE
A11.3 12" = 1'-0"



3 HEADER AT CASING ONE (ELEV)
A11.3 N. T. S.

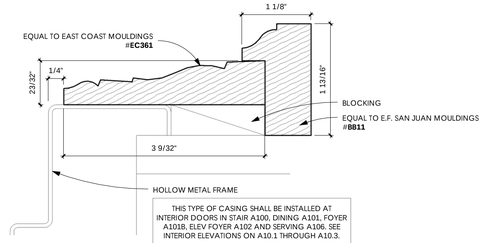


5 WINDOW STOOL AT CASING ONE (ELEV)
A11.3 12" = 1'-0"



THIS TYPE OF WINDOW CASING SHALL BE INSTALLED IN ALL LOCATIONS ON THE SECOND, THIRD, AND FOURTH FLOORS WHERE APPLICABLE. SEE INTERIOR ELEVATIONS ON A10.1 THROUGH A10.3.

7 WINDOW STOOL AND APRON AT SLEEPING ROOMS
A11.3 12" = 1'-0"



THIS TYPE OF CASING SHALL BE INSTALLED AT INTERIOR DOORS IN STAIR A100, DINING A101, FOYER A101B, ELEV FOYER A102 AND SERVING A106. SEE INTERIOR ELEVATIONS ON A10.1 THROUGH A10.3.

9 CASING TWO
A11.3 12" = 1'-0"

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Interior Details

SHEET NUMBER A11.3

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- CONTRACTOR TO DESIGN AND INSTALL COMPLETE NFPA 13 COMPLIANT FIRE SPRINKLER SYSTEM.
- CONTRACTOR TO VISIT SITE PRIOR TO BID AND BE FAMILIAR WITH ALL EXISTING CONDITIONS.
- CONTRACTOR TO MODIFY, RELOCATE, OR REMOVE PORTIONS OF EXISTING SYSTEM TO ACCOMMODATE TOTAL SCOPE OF WORK INCLUDING THE REMOVAL OF PORTIONS OF EXISTING BUILDING.

2 GENERAL NOTES
FP1.0 NO SCALE



1 BASEMENT FIRE PROTECTION PLAN
FP1.0 3/16" = 1'-0"

STATE OF ALABAMA REGISTERED NO. PROFESSIONAL ENGINEER FRANK STOCKTON
Inst.-2013 #224

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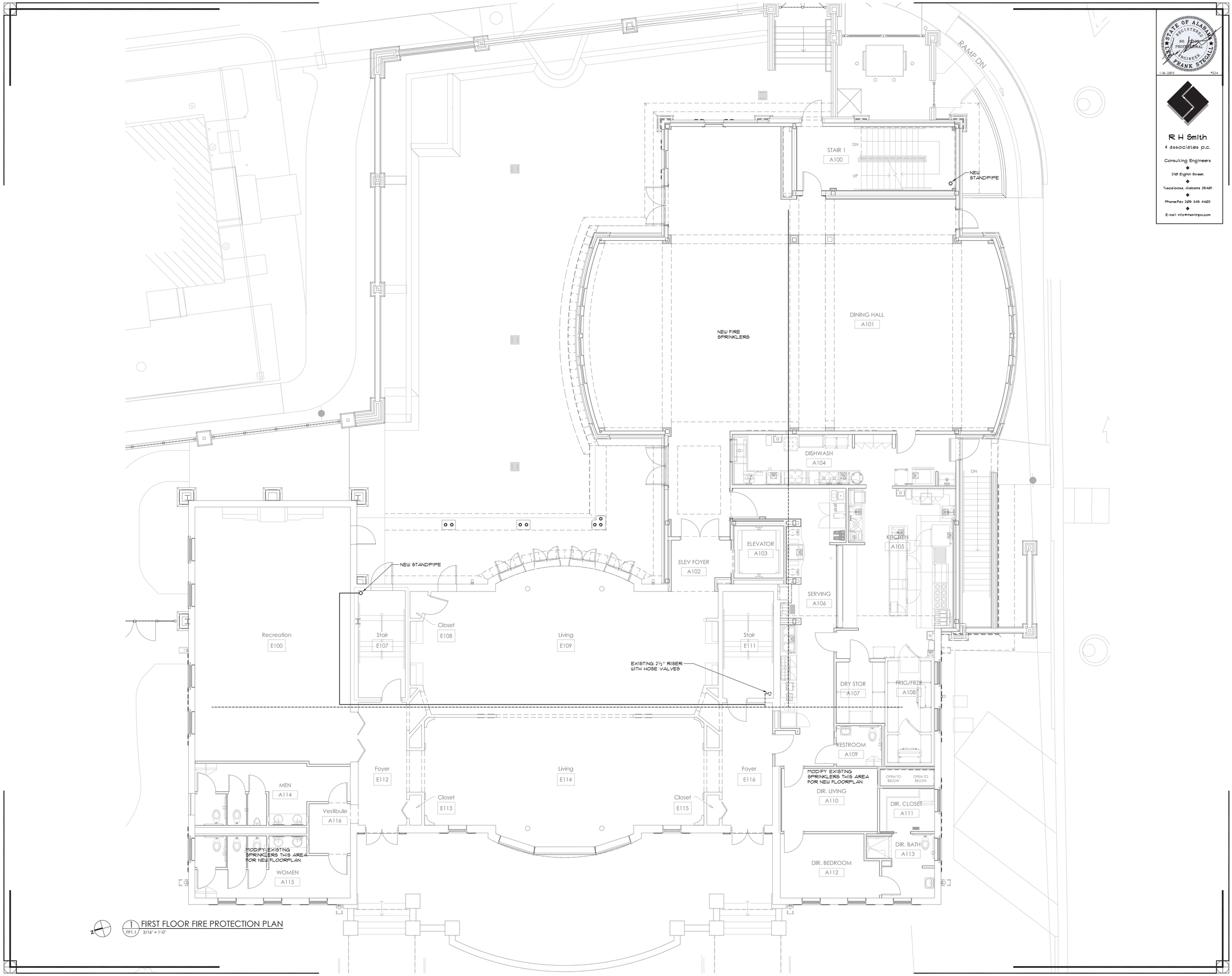
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DATE:	REV DATE:
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Basement Fire Plan

SHEET NUMBER FP1.0



1 FIRST FLOOR FIRE PROTECTION PLAN
FP1.1 3/16" = 1'-0"

STATE OF ALABAMA REGISTERED PROFESSIONAL ENGINEER FRANK STOCKS
NO. 24224
11-16-2012

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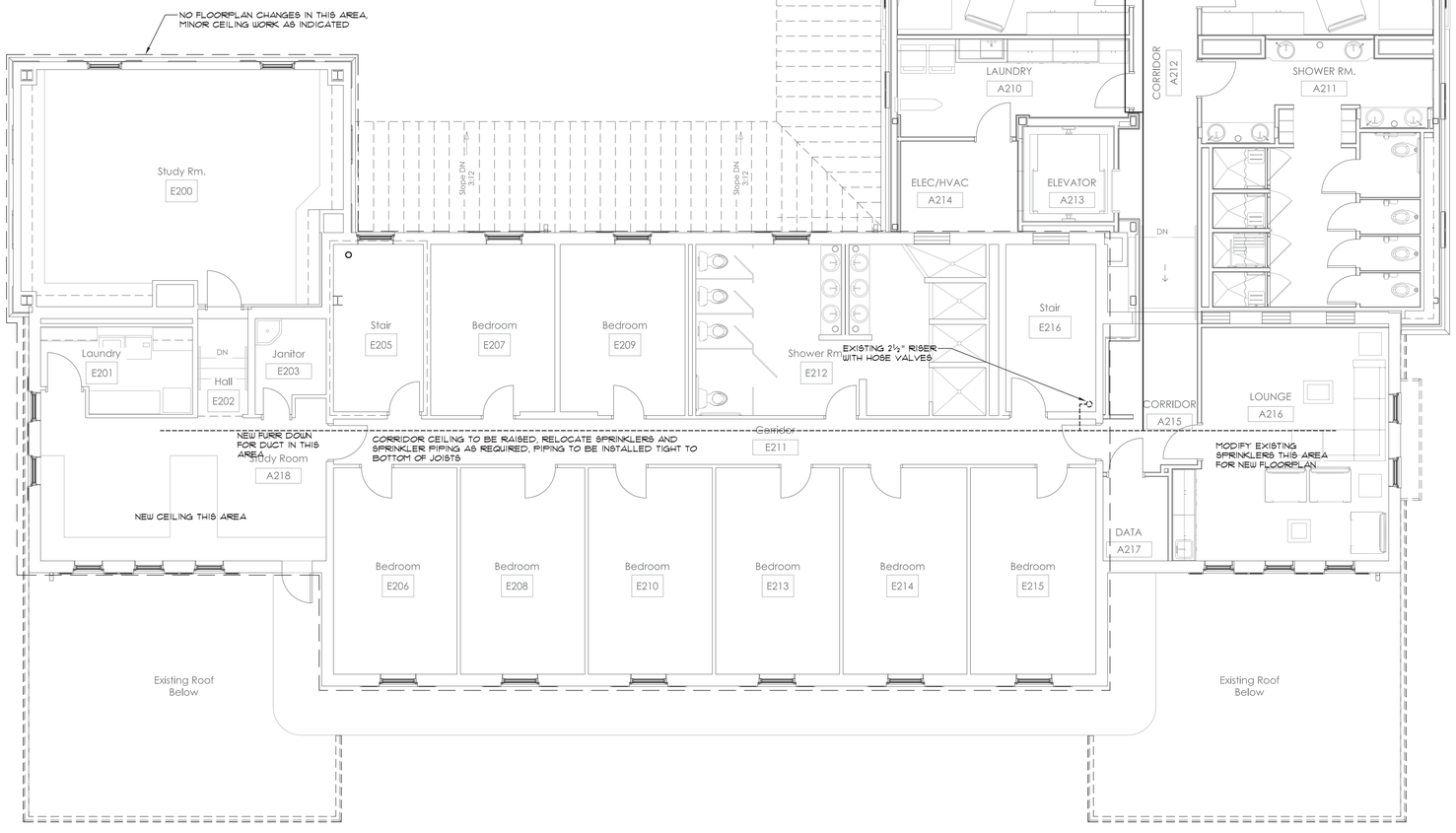
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First Floor Fire Plan

SHEET NUMBER FP1.1



1 FP1.2 SECOND FLOOR FIRE PROTECTION PLAN
3/16" = 1'-0"

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1-16-2013 #224

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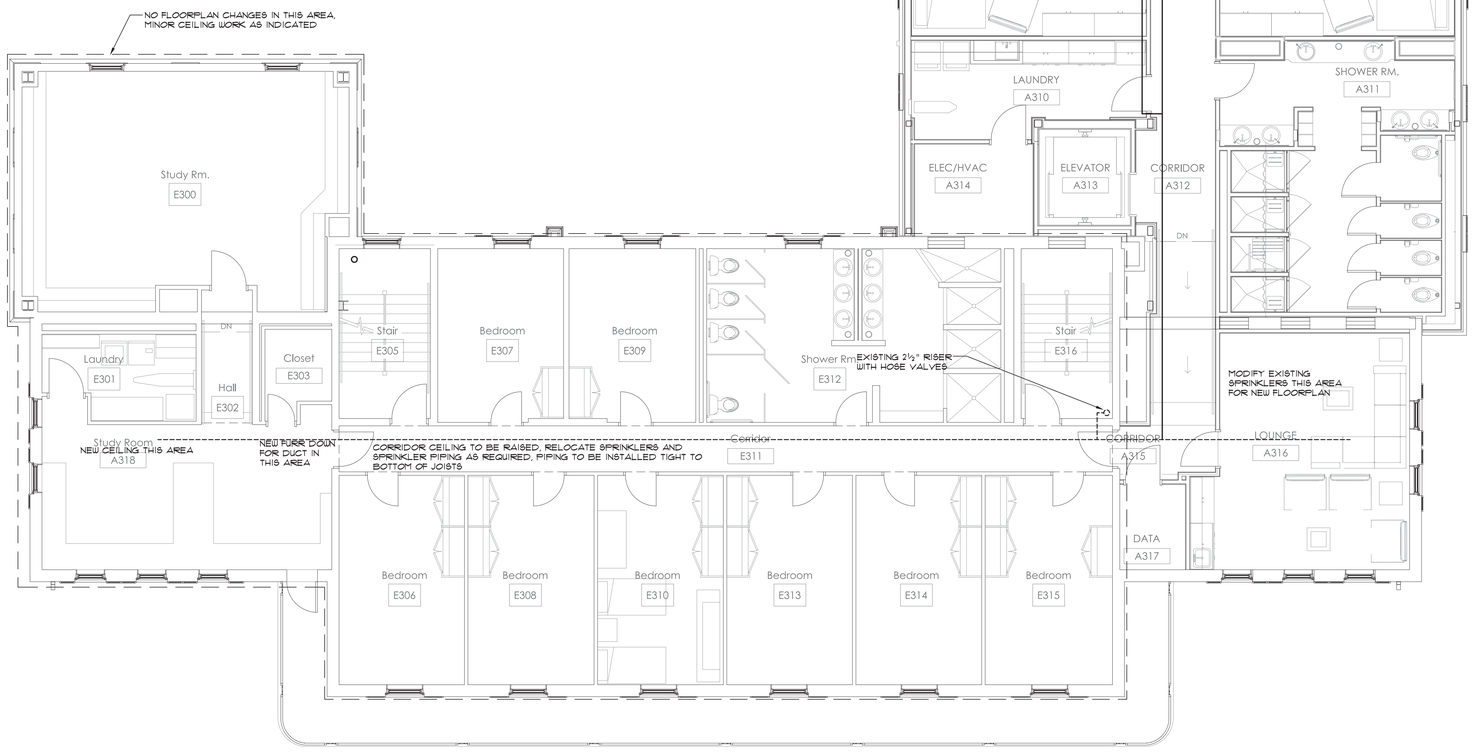
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Second Floor Fire Plan

SHEET NUMBER FP1.2



1 THIRD FLOOR FIRE PROTECTION PLAN
FP1.3 3/16" = 1'-0"

STATE OF ALABAMA REGISTERED NO. 19004 PROFESSIONAL ENGINEER FRANK STOLL
1-16-2013 #224

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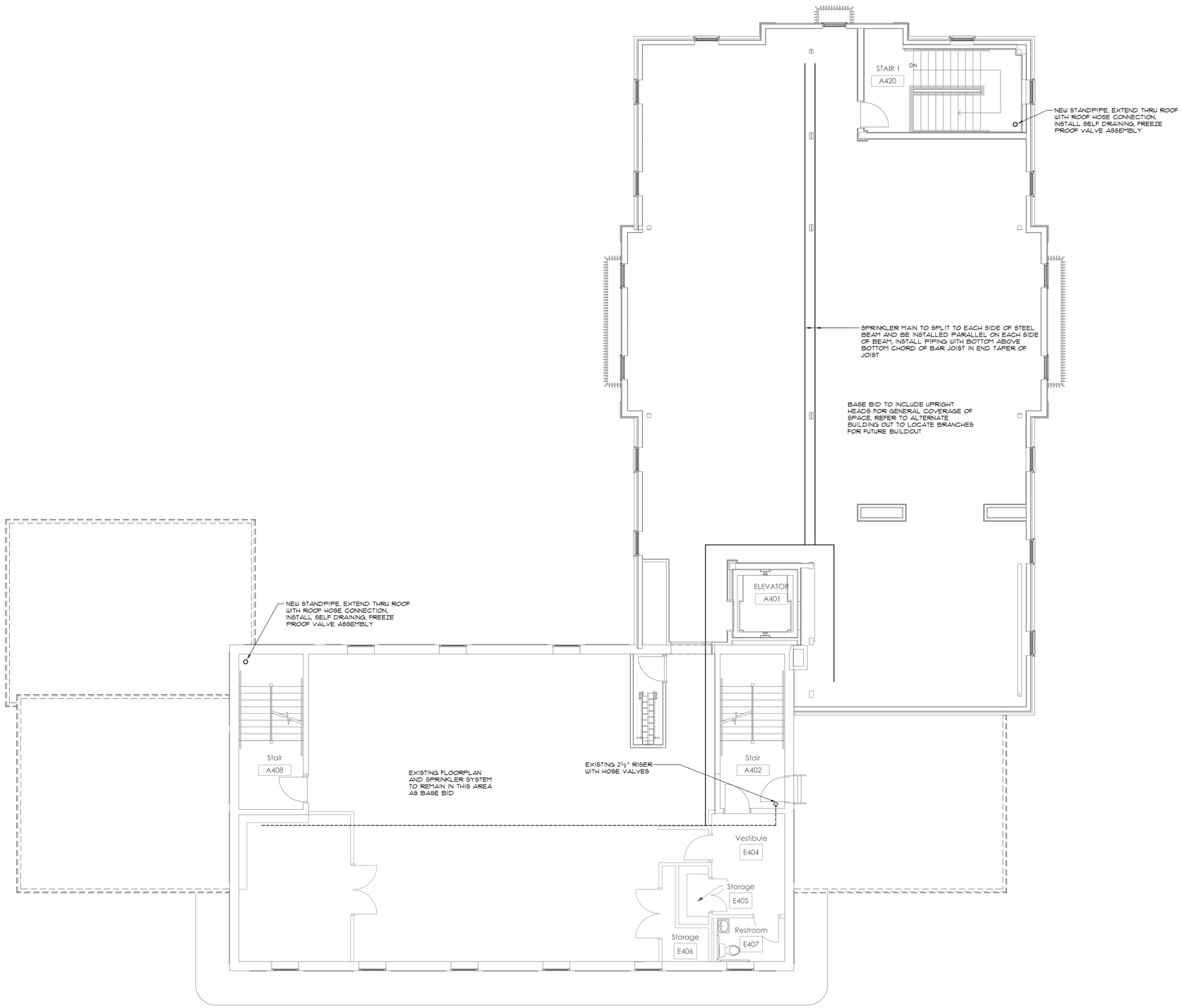
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Third Floor Fire Plan

SHEET NUMBER FP1.3



1 FP1.4 FOURTH FLOOR FIRE PROTECTION PLAN
3/16" = 1'-0"

STATE OF ALABAMA REGISTERED NO. 20007 PROFESSIONAL ENGINEER FRANK SMITH
1-16-2013 *224

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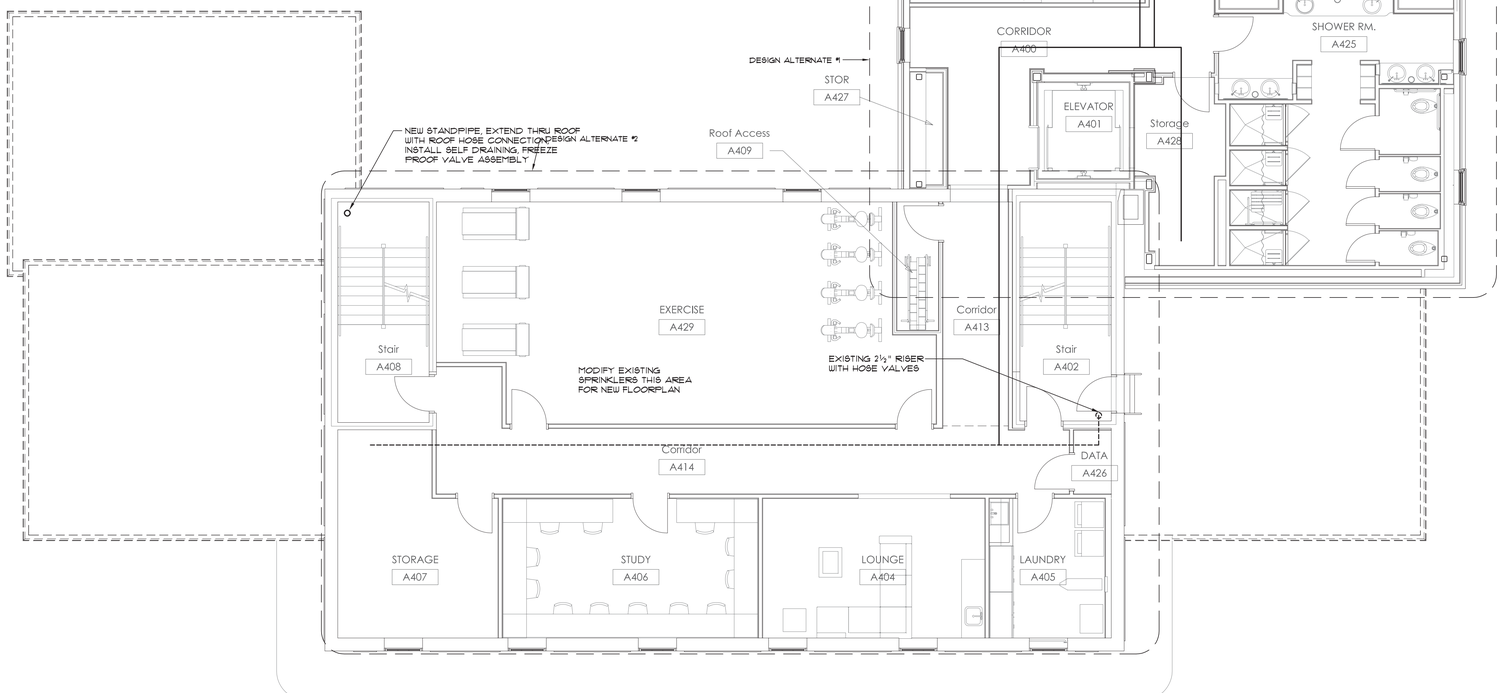
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Fourth Floor Fire Plan

SHEET NUMBER FP1.4



1 FOURTH FLOOR ALTERNATE FIRE PROTECTION PLAN
FP1.4 3/16" = 1'-0"

STATE OF ALABAMA REGISTERED NO. 24007 PROFESSIONAL ENGINEER FRANK SMITH
1-16-2013 #224

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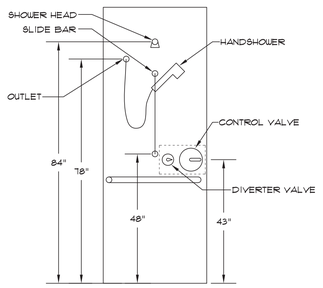
JOB No.	11039
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Fourth Floor Fire Plan

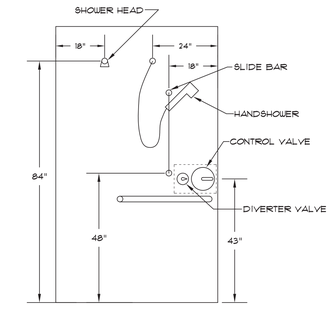
SHEET NUMBER FP1.4A

Fixture type	Approved Fixture Models
ADA Flush Valve Water Closet	AS #3043.102; Kohler #K-4368; Toto #CT705EL
Flush Valve Water Closet	AS #2234.015; Kohler #K-4350; Toto #CT705E
Water Closet Flush Valve	Sloan Crown II #111-YC-YK; Toto #TMT1NNC-32-1.6; Zurn #ZG200-WS1-YC-YK
Water Closet Supplies	McGuire #BV2166; Zurn #Z6802CRQ-PC; Brass Craft #KTR17C; EBC #CA112
Open Front Closet Seat	Bemis #1655-C; Church #3500C; Pro-Flo #PFTSOFH2000; Centoco #1500STSCCSS; Comfort Seats #C110C
ADA Urinal	AS #6501.010; Kohler #K-4960-ET; Toto #UT447
Urinal Flush Valve	Sloan Crown II #186-1.0; Toto #TMU1NNC-12; Zurn ZG203
Supply (lav, sink, cooler)	McGuire #BV2165; Brass Craft #KTR17C1; Zurn #Z6802Q-PC; EBC #LAH12
Lavatory Trap	McGuire #8572C; Brass Craft #0010; Zurn #Z6700-8B-PC; Profio #PF8572; EBC #TA125
Grid Strainer (lavatory)	McGuire #155A; Brass Craft #0701; Zurn #Z8743-PC; T45 #B-0899; Profio #PF155A; EBC #SG7
Double Bowl Kitchen Sink	Elkay #LR3322; Just #DL-2233-A-GR; Franke #LD07508P-1
Basket Strainer (kitchen sink)	McGuire #151; Brass Craft #0703; Zurn #Z8740-PC; Profio #PF151ACP; EBC #SB8C
Kitchen Sink Trap	McGuire #8912C; Brass Craft #0030; Zurn #Z8702-9LC-PC-B; Profio #PF8912; EBC #TA150
ADA Bi-Level Water Cooler	Oasis #PBACSL; Elkay #EZSTL8C; Sunroc #ADADBBL; HT #HTVBBL-Q; AA #A112108F; Haws #1WUACPBL
Hose Bibb	Prier #C-434T; Woodford #27P; Zurn #Z1346-CP3;
Expansion Tank	*Amtrol #ST; Profio #PFT; Rheem #RRT
Recirculation Pump	*Armstrong Astro, Taco, B&G
Mixing Valve*	Symmons; Lawler, Watts, Leonard
	* Type, size, & electrical requirments as per schedule.
	Abbreviations:
	AS-American Standard; JRS-Jay R. Smith; CS-Comfort Seats;
	HT-Halsey Taylor; SC-Sioux Chief; AA-Acorn Aqua; EBC-Engineered Brass Company

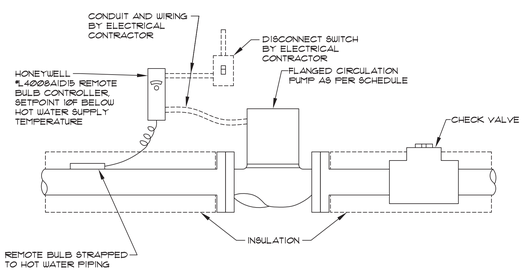
12 APPROVED EQUALS
P0.1 NOT TO SCALE



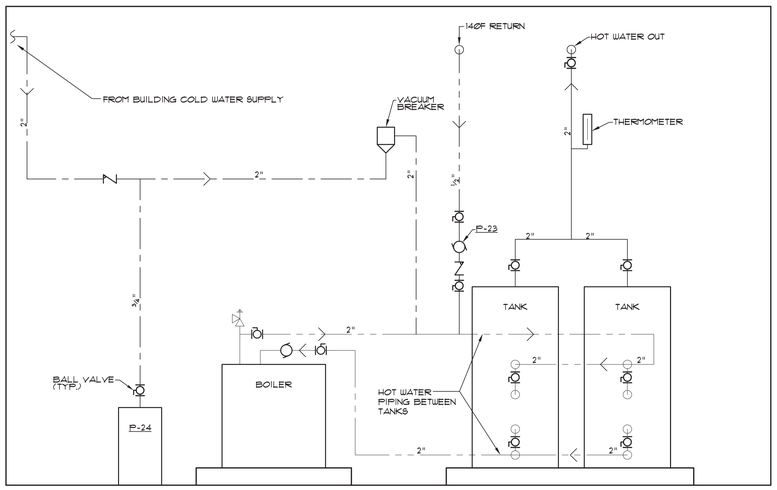
9 P-10 SHOWER DETAIL
P0.1 NOT TO SCALE



10 P-11 SHOWER DETAIL
P0.1 NOT TO SCALE



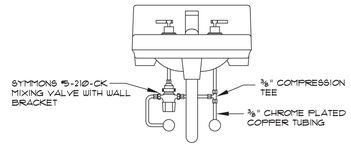
5 CIRCULATION PUMP DETAIL
P0.1 NOT TO SCALE



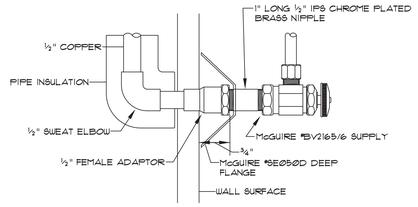
1 WATER HEATER DETAIL
P0.1 NOT TO SCALE

- EXISTING PLUMBING SHOWN AS PER ORIGINAL PLANS. CONTRACTOR MUST VERIFY EXISTING CONDITIONS ON SITE PRIOR TO BID.
- LOCATE ROOF PENETRATIONS ON SLOPES OF ROOF AS DIRECTED BY ARCHITECT. IF NO ARCHITECT IS INVOLVED, LOCATE PENETRATIONS AS TO NOT BE VISIBLE FROM PRIMARY ROAD FRONTAGE AND PRIMARY BUILDING ENTRANCE.
- ALL WATER CONNECTIONS TO OWNER SUPPLIED FIXTURES SUCH AS REFRIGERATORS, ICE MACHINES, ETC. TO BE MADE WITH SOFT COPPER.

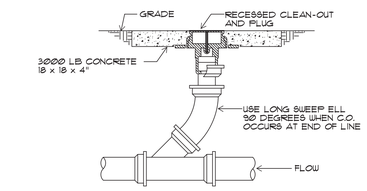
13 GENERAL NOTES
P0.1 NO SCALE



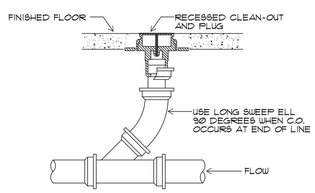
11 LAVATORY DETAIL
P0.1 NOT TO SCALE



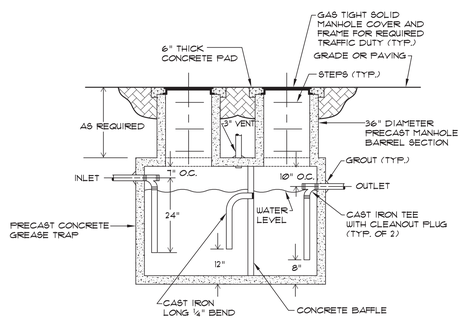
8 SUPPLY DETAIL
P0.1 NOT TO SCALE



6 EXTERIOR CLEANOUT DETAIL
P0.1 NOT TO SCALE



4 INTERIOR CLEANOUT DETAIL
P0.1 NOT TO SCALE



2 GREASE TRAP DETAIL
P0.1 NOT TO SCALE

- ALL PLUMBING TO BE INSTALLED BY PLUMBING CONTRACTOR. WHERE FAUCETS ARE INDICATED, FAUCET WILL BE FURNISHED IN BOX FOR INSTALLATION BY PLUMBING CONTRACTOR

(03) MOP SINK, INSTALL SINK WITH 2" WASTE PIPING, CAULK TO WALL AND FLOOR.

(03) MOP SINK FAUCET, INSTALL ½" COPPER HOT AND COLD WATER PIPING, INSTALL FAUCET.

(01) ICE MACHINE W/ BIN, INSTALL ½" COPPER COLD WATER SUPPLY TO ICE MACHINE, INSTALL 2-¾" DWV COPPER DRAIN TO FLOOR SINK.

(01) ICE MACHINE FILTER, INSTALL ½" COPPER COLD WATER SUPPLY, CONNECT TO ITEM #01.

(113) SOILED DISHTABLE, INSTALL ½" HOT WATER SUPPLY FROM ITEM #113.1

(113) PRE-RINSE SPRAY, INSTALL ½" COPPER HOT AND COLD WATER PIPING TO SPRAYER. INTERCONNECT HOT WATER TO ITEM #13 THROUGH GUSHER HEAD.

(114) DISPOSER, INSTALL ½" COPPER COLD WATER PIPING TO DISPOSER WITH ISOLATION VALVE, INSTALL VACUUM BREAKER IN SUPPLY PIPING AND 2" DWV COPPER DRAIN TO WASTE PIPING WITH P-TRAP.

(117) HAND WASH SINK, INSTALL ½" COPPER HOT AND COLD WATER PIPING TO SINK WITH ISOLATION VALVES. FURNISH AND INSTALL SYMMONS #S-210-CK MIXING VALVE IN HOT WATER INLET, INSTALL SINK

(118) DISHWASHER, CONNECT ½" COPPER HOT AND COLD WATER SUPPLY PIPING. INSTALL 2" DWV COPPER DRAIN TO FLOOR SINK. FURNISH AND INSTALL JAY R. SMITH # 5000 WATER HAMMER ARRESTOR AND WATTS #LBBLP PRESSURE REDUCING VALVE IN SUPPLY PIPING.

(124) THREE COMPARTMENT SINK, INSTALL (2) ¾" HOT AND (2) ¾" COLD COPPER WATER PIPING TO SINK FAUCETS WITH ISOLATION VALVES, INSTALL 2" DWV COPPER CONTINUOUS WASTE TO FLOOR SINK.

(133) VEGETABLE PREPARATION TABLE, INSTALL ½" COPPER HOT AND COLD WATER PIPING TO FAUCET WITH ISOLATION VALVES. INSTALL 2" DWV COPPER DRAIN TO FLOOR SINK. DISPOSER #134 IN LEFT SINK.

(134) DISPOSER, INSTALL ½" COPPER COLD WATER PIPING TO DISPOSER WITH ISOLATION VALVE, INSTALL VACUUM BREAKER IN SUPPLY PIPING AND 2" DWV COPPER DRAIN TO WASTE PIPING WITH P-TRAP.

(138) MEAT PREPARATION TABLE, INSTALL ½" COPPER HOT AND COLD WATER PIPING TO FAUCET WITH ISOLATION VALVES. INSTALL 2" DWV COPPER DRAIN TO FLOOR SINK.

(142) CHEFS COUNTER, INSTALL ½" COPPER HOT AND COLD WATER PIPING TO FAUCET WITH ISOLATION VALVES. INSTALL 2" DWV COPPER DRAIN TO FLOOR SINK.

(147) COMBINATION OVEN/STEAMER, INSTALL (1) ¾" COPPER COLD WATER PIPING TO EQUIPMENT WITH OWNER SUPPLIED FILTER AND ISOLATION VALVE. INSTALL 2" DWV COPPER DRAIN TO FLOOR SINK.

(148) BROILER, INSTALL ¾" NATURAL GAS PIPING TO RANGE WITH GAS COCK AND FLEXIBLE GAS HOSE, FLEXIBLE GAS HOSE FURNISHED BY FOOD SERVICE SUPPLIER.

(149) 36" RANGE, INSTALL ¾" NATURAL GAS PIPING TO RANGE WITH GAS COCK AND FLEXIBLE GAS HOSE, FLEXIBLE GAS HOSE FURNISHED BY FOOD SERVICE SUPPLIER.

(151) 48" RANGE, INSTALL ¾" NATURAL GAS PIPING TO RANGE WITH GAS COCK AND FLEXIBLE GAS HOSE, FLEXIBLE GAS HOSE FURNISHED BY FOOD SERVICE SUPPLIER.

(152) FRYER, INSTALL 1" NATURAL GAS PIPING TO FRYER WITH GAS COCK AND FLEXIBLE GAS HOSE, FLEXIBLE GAS HOSE FURNISHED BY FOOD SERVICE SUPPLIES.

(156) HOT / COLD WELLS, INSTALL ½" COPPER DRAIN TO FLOOR DRAIN.

(157) FILL FAUCET, INSTALL ½" COPPER COLD WATER PIPING TO SPRAYER.

(162) COOLER BLOWER COIL, INSTALL ¾" COPPER DRAIN TO FLOOR SINK, INSULATE WITH 1" ARMAFLEX.

(162) FREEZER BLOWER COIL, INSTALL ¾" COPPER DRAIN TO FLOOR SINK, INSULATE WITH 1" ARMAFLEX.

(166) DROP-IN SINK, INSTALL ½" COPPER HOT AND COLD WATER PIPING TO FAUCET WITH ISOLATION VALVES. INSTALL 2" DWV COPPER DRAIN TO WASTE PIPING WITH P-TRAP, FURNISH AND INSTALL SYMMONS #S-210-CK MIXING VALVE IN HOT WATER INLET.

(167) COFFEE MAKER, INSTALL ⅜" SOFT COPPER WITH SUPPLIED FILTER AND ISOLATION VALVE.

(168) ICED TEA BREUER, INSTALL ¼" SOFT COPPER WITH SUPPLIED FILTER AND ISOLATION VALVE.

(176) ICE DISPENSER, INSTALL ½" COPPER COLD WATER PIPING WITH SUPPLIED FILTER AND ISOLATION VALVE, INSTALL ¾" COPPER DRAIN TO FLOOR SINK.

(177) ICE MAKER, INSTALL ⅜" SOFT COPPER WITH SUPPLIED FILTER AND ISOLATION VALVE, INSTALL ¾" COPPER DRAIN TO FLOOR SINK.

(178) BEVERAGE COUNTER, INSTALL (2) ½" COPPER DRAINS TO FLOOR SINK.

(182) HOT / COLD WELL, INSTALL ½" COPPER DRAIN TO FLOOR DRAIN.

7 KITCHEN EQUIPMENT SCHEDULE
P0.1 NO SCALE

P-1, ADA WATER CLOSET, KOHLER #K-3979, OPEN FRONT SEAT LESS COVER, SUPPLY

P-1R, SAME AS P-1 WITH RIGHT HAND TRIP LEVER

P-2, WATER CLOSET, KOHLER #K-3978, OPEN FRONT SEAT LESS COVER, SUPPLY

P-3, ADA URINAL, RIM HEIGHT AS PER PLAN, URINAL FLUSH VALVE, Ø.5 GPF, SOLID RING PIPE SUPPORT, STAINLESS STEEL STRAINER

P-4, LAVATORY, AMERICAN STANDARD #9481.000, UNDERMOUNT, MOEN #T6420BN FAUCET, BRUSHED NICKEL FINISH, SUPPLIES, GRID STRAINER, P-TRAP

P-5, LAVATORY, KOHLER #K-2032-0, WHITE, WALL HUNG, DELTA #2575LF-SSMPU FAUCET, STAINLESS FINISH, SUPPLIES, GRID STRAINER, P-TRAP, TRUEBRO TRAP AND SUPPLY WRAP, SYMMONS #S-210-CK TEMPERING VALVE

P-6, LAVATORY, KOHLER #K-1722-0, WHITE, WALL HUNG, MOEN #CA84429 FAUCET, SUPPLIES, P-TRAP, TRUEBRO TRAP AND SUPPLY WRAP, SYMMONS #S-210-CK TEMPERING VALVE

P-7, LAVATORY, KOHLER #K-4819-0, ABOVE COUNTER, DELTA #151-SS-DST FAUCET, STAINLESS FINISH, SUPPLIES, GRID STRAINER, P-TRAP, SYMMONS #S-210-CK TEMPERING VALVE

P-8, LAVATORY, AMERICAN STANDARD #9481.000 UNDERMOUNT, DELTA #3538LF-SS FAUCET, STAINLESS STEEL FINISH, SUPPLIES, GRID STRAINER, P-TRAP, SYMMONS #S-210-CK TEMPERING VALVE

P-9, SINK, ELKAY #ELUH1113, UNDERMOUNT, DELTA #9178-SS-DST FAUCET, STAINLESS STEEL FINISH, SUPPLIES, GRID STRAINER, P-TRAP

P-10, ADA SHOWER, DELTA #T17238-SS SHOWER VALVE AND TRIM, #51021-SS SLIDE BAR AND HAND SHOWER, DIVERTER VALVE, FLOOR DRAIN FURNISHED BY FLOORING CONTRACTOR

P-11, ADA SHOWER, MOEN #T2132BN WITH #2590 VALVE, #3375 DIVERTER VALVE WITH #T4171BN TRIM, #3863EPBN SLIDEBAR WITH HANDSHOWER, FLOOR DRAIN FURNISHED BY FLOORING CONTRACTOR

P-12, SHOWER, MOEN #T2132BN WITH #2590 VALVE, FLOOR DRAIN FURNISHED BY FLOORING CONTRACTOR

P-13, CLOTHES WASHER BOX, WATTS #A2C-M1-WB, AUTOMATIC SHUTOFF VALVE, LEAK SENSOR, BRAIDED STAINLESS HOSES, 48" LENGTH

P-14, LAUNDRY SINK, KOHLER #K-12783 SINK, SINGLE HOLE DRILL, WALL BRACKETS, ELKAY #LKAV4061CR FAUCET, SUPPLIES, SINK DRAIN WITH PLUG, P-TRAP

P-15, KITCHEN SINK, DOUBLE BOWL, FAUCET, BASKET STRAINERS, SUPPLIES, 17GA CONTINIOUS WASTE, P-TRAP

P-16, ADA WATER COOLER, BI-LEVEL, CANE APRON, SUPPLY, P-TRAP

P-17, FLOOR DRAIN, JAY R. SMITH #2005, 6" TOP, 3" OUTLET, #2692 INSERT

P-18, FLOOR SINK, JAY R. SMITH #3100, 2" OUTLET, ¾ RIM AND GRATE

P-18K, FLOOR SINK, SAME AS P-18, WITH FLASHING CLAMP

P-19, FLOOR SINK, JAY R. SMITH #3151, 4" OUTLET, ¾ RIM AND GRATE, FLASHING CLAMP

P-20, GREASE INTERCEPTOR, 3000 GALLON CONCRETE, H-20 TRAFFIC RATED, 2 MANHOLES, INTERNAL BAFFLE

P-21, SUMP PUMP, LIBERTY PUMPS #D3672L6G DUPLEX GRINDER PACKAGE, 2 HP GRINDER PUMPS, 208V/1/60

P-22, BOILER, LOCHINVAR ARMOR OR RAYPAK XFYRE, 500 MBH NATURAL GAS INPUT, FLOW SWITCH, PVC DIRECT VENT THRU ROOF, MODULATING FIRING RATES, CONDENSATE NEUTRALIZER KIT, LOW WATER CUTOFF, 120V, CIRCULATION PUMP, 2 INSULATED STORAGE TANKS, 115-120 GALLON CAPACITY EACH, ASME STAMPED, IPEX #636 CPVC VENTING

P-23, CIRCULATION PUMP, ARMSTRONG ASTRO 30B, 120V

P-24, EXPANSION TANK, AMTROL #ST-25V

P-25, POT FILLER, T45 #B-0600, 120" HOSE

P-26, YARD HYDRANT, WOODFORD #Y30 WITH 34HD VACUUM BREAKER, 1 FOOT BURY DEPTH, PAINT HANDLE BLUE

P-27, YARD HYDRANT, WOODFORD #Y30 WITH 34HD VACUUM BREAKER, 1 FOOT BURY DEPTH, PAINT HANDLE RED

P-28, HOSE BIB, WOODFORD #27C, 12" WALL DEPTH

P-29, ELEVATOR SUMP PUMP, STANCOR #SE-50 PUMP, 120V, ½ HP, OIL MINDER CONTROL, 2-120V SOLENOIDS, HIGH LEVEL ALARM, 24x96" FIBERGLASS HOLDING TANK

P-30, SUMP PUMP, LIBERTY #251VMF, 1/3 HP INTERNALLY PROTECTED MOTOR, 120V, INTEGRAL FLOAT, #SJ10A WATER POWERED BACKUP PUMP WITH ALARM, 24x60" FIBERGLASS BASIN, BOLT DOWN FIBERGLASS COVER, CHECK VALVES

P-31, , FLOOR DRAIN, TRAFFIC RATED, JAY R. SMITH #2142, 4" OUTLET, SEDIMENT BUCKET, SEEPAGE HOLES IN BUCKET, VANDAL PROOF GRATE

P-32, ROOF DRAIN, JAY R. SMITH #1010, 4" OUTLET, FLASHING CLAMP, SUMP RECEIVER

P-33, EMERGENCY ROOF DRAIN, JAY R. SMITH #1070, 4" OUTLET, FLASHING CLAMP, SUMP RECEIVER

P-34, ICE MAKER BOX, GUY GRAY #BIMB75

P-35, NOT USED

P-36, FLOOR DRAIN, SUPPLIED BY FLOORING CONTRACTOR

P-37, ADA WATER CLOSET, FLUSH VALVE, SOLID RING PIPE SUPPORT, OPEN FRONT CLOSET SEAT

P-38, WATER CLOSET, FLUSH VALVE, SOLID RING PIPE SUPPORT, OPEN FRONT CLOSET SEAT

3 EQUIPMENT SCHEDULE
P0.1 NO SCALE

STATE OF ALABAMA REGISTERED NO. 24224 PROFESSIONAL ENGINEER FRANK STOLL
1-16-2013 #224

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Interior Renovations and Addition for:
Chi Omega
The University of Alabama Campus
UA Project Number. 910-12-024
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

STATE OF ALABAMA MICHAEL A. ELLIS 3692 REGISTERED ARCHITECT

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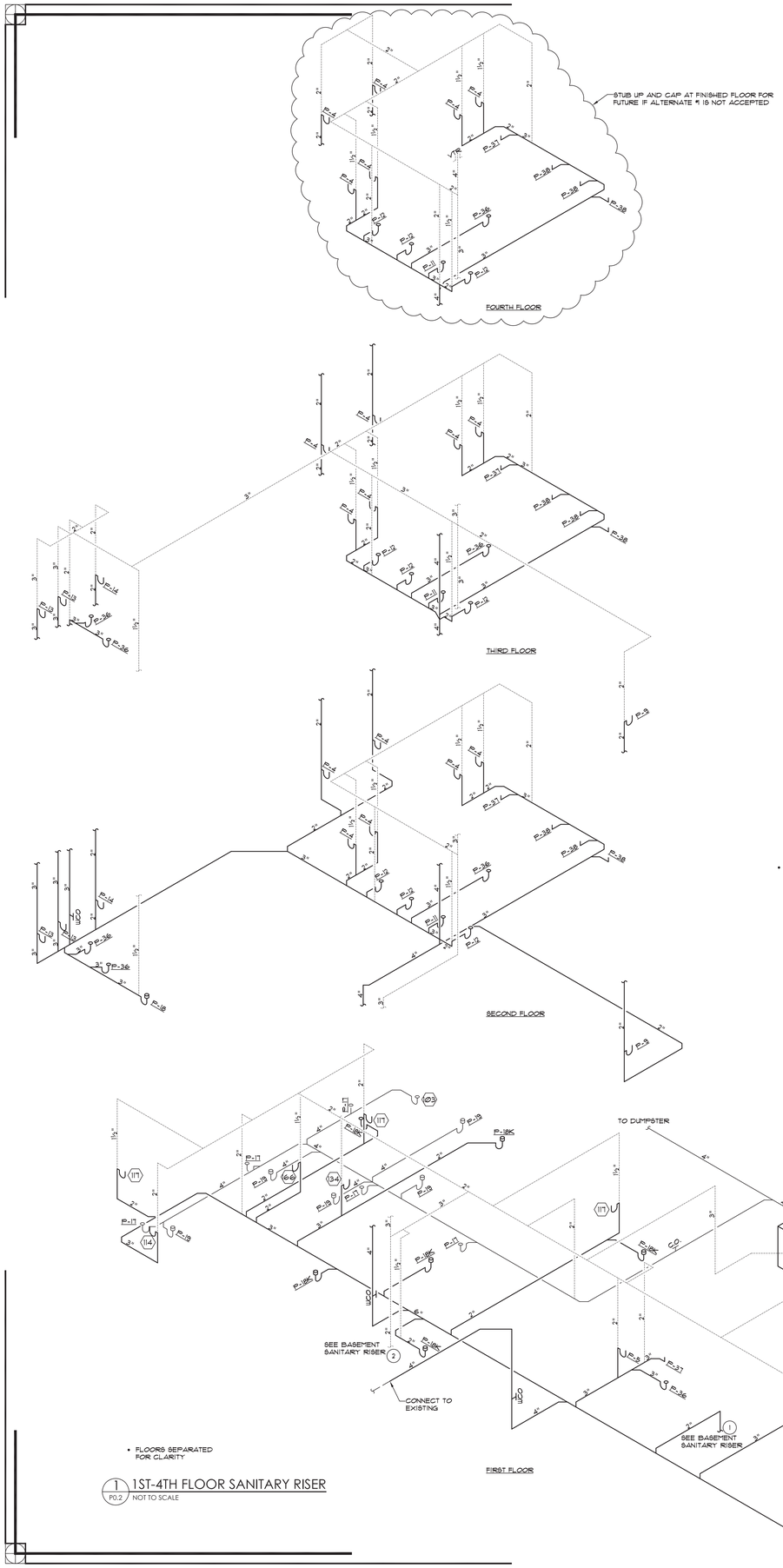
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Contractor must verify all dimensions prior to construction.

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Schedules and Details

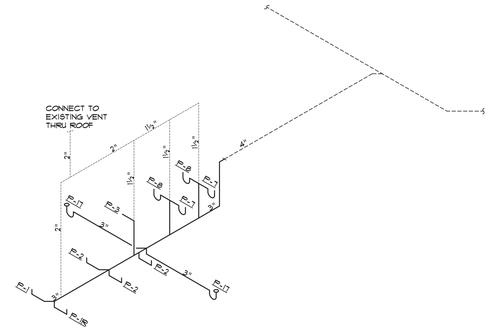
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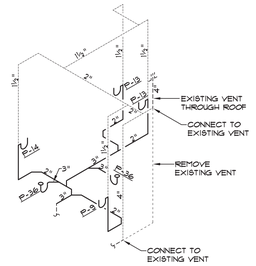
- BUILDING CONSTRUCTION LIMITS CEILING HEIGHTS AT MOST LOCATIONS. AT ALL LOCATIONS, AS MUCH AS POSSIBLE, PIPING IS TO BE INSTALLED IN BAR JOIST DEPTH. WHERE CONFLICT OCCURS REQUIRING PIPING TO BE INSTALLED BELOW JOISTS, NOTIFY ARCHITECT OR ENGINEER FOR RESOLUTION

- FLOORS SEPARATED FOR CLARITY

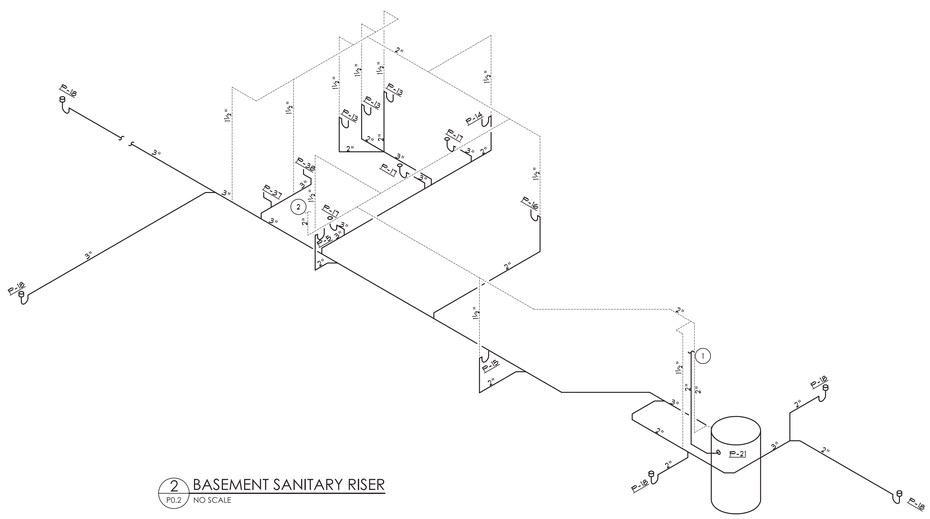
1 P0.2 1ST-4TH FLOOR SANITARY RISER
NOT TO SCALE



4 P0.2 MEN A112 & WOMEN A113 SANITARY RISER
NO SCALE



3 P0.2 SANITARY RISER #3 - ALTERNATE #2
NO SCALE



2 P0.2 BASEMENT SANITARY RISER
NO SCALE

STATE OF ALABAMA
REGISTERED
NO. 26XXX
PROFESSIONAL
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FRANK STOCK
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The University of Alabama Campus
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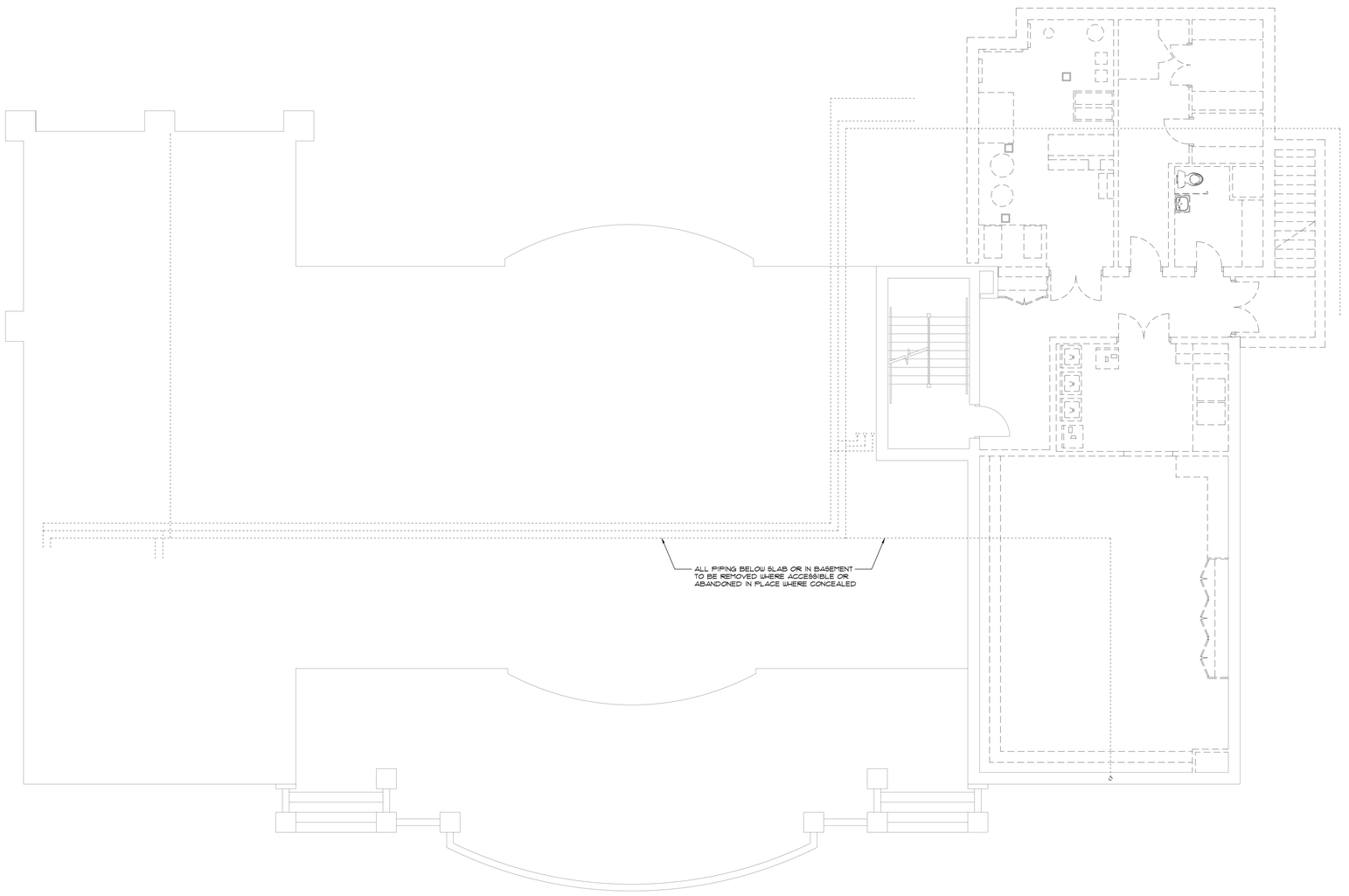
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Sanitary Riser

SHEET NUMBER P0.2



EXISTING PLUMBING TO REMAIN

EXISTING PLUMBING TO BE REMOVED

1 P1.0 BASEMENT DEMO PLUMBING PLAN
3/16" = 1'-0"

2 P1.0 LEGEND
NOTO SCALE

STATE OF ALABAMA REGISTERED NO. PROFESSIONAL ENGINEER FRANK STOLL
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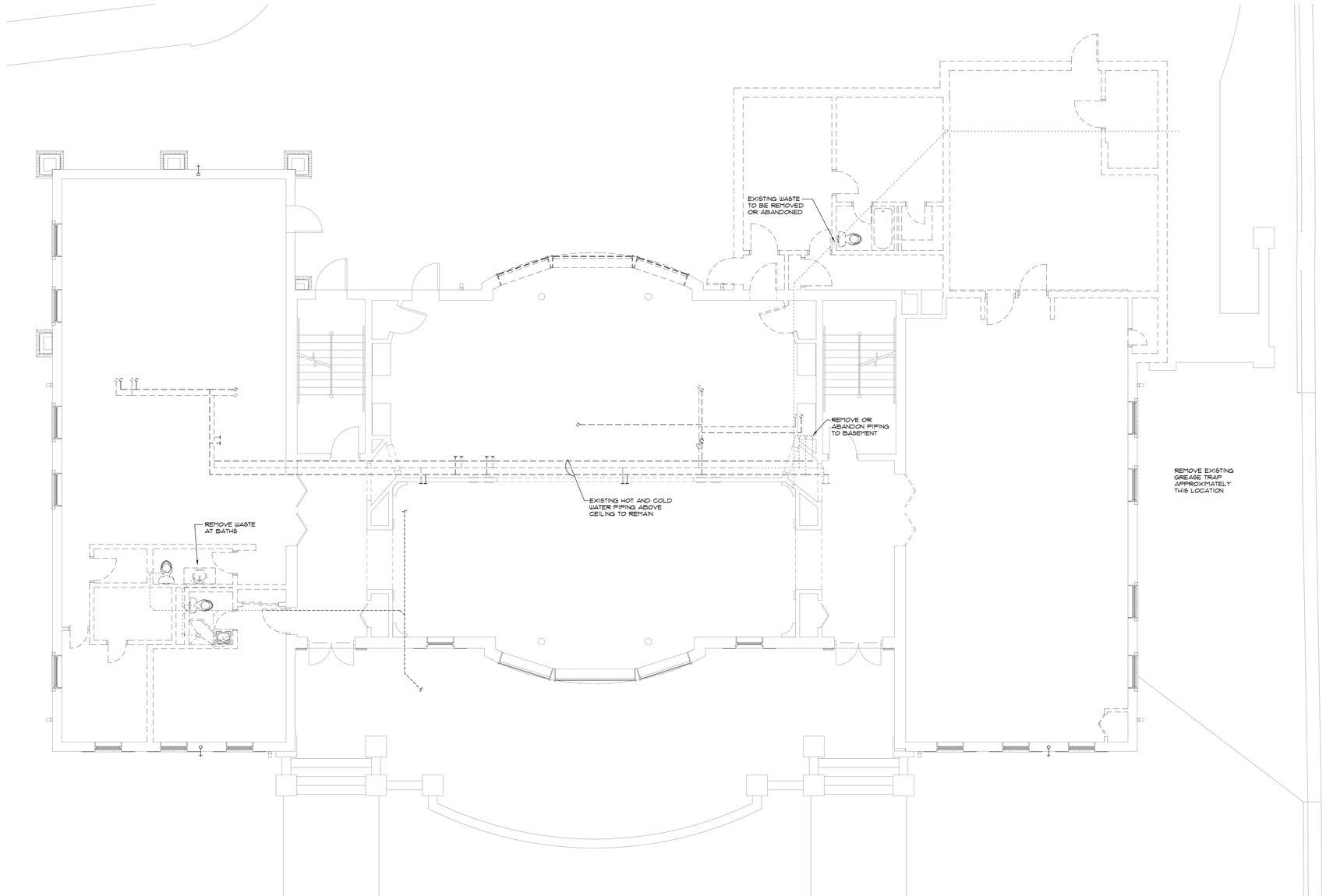
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Basement Demo Plumbing Plan

SHEET NUMBER P1.0



EXISTING PLUMBING TO REMAIN

EXISTING PLUMBING TO BE REMOVED

1 P1.1 1ST FLOOR DEMO PLUMBING PLAN
3/16" = 1'-0"

2 P1.1 LEGEND
NOT TO SCALE

STATE OF ALABAMA REGISTERED PROFESSIONAL ENGINEER FRANK STOCKS NO. 24224

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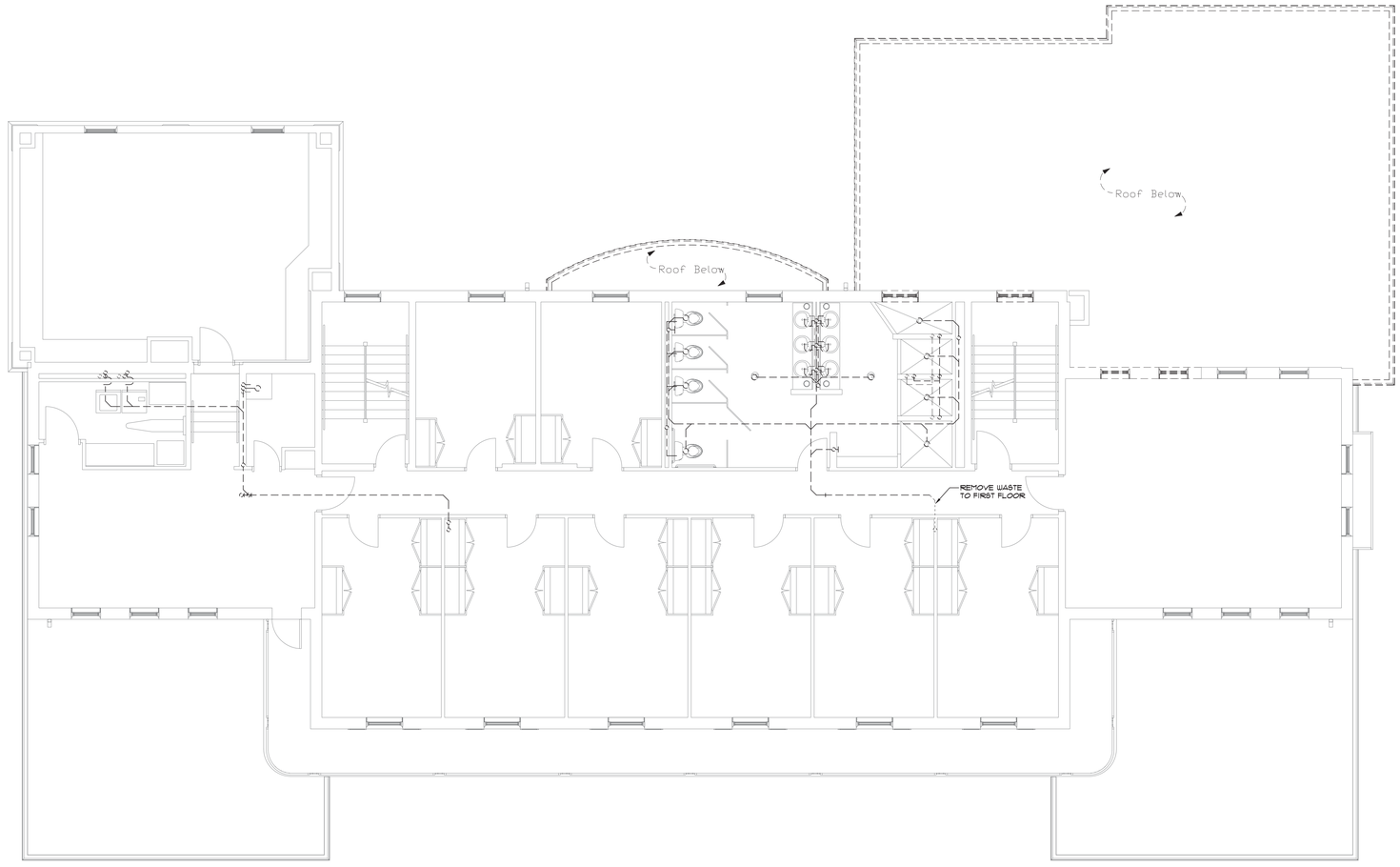
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1st Floor Demo Plan

SHEET NUMBER P1.1



1 2ND FLOOR DEMO PLUMBING PLAN
P1.2 3/16" = 1'-0"

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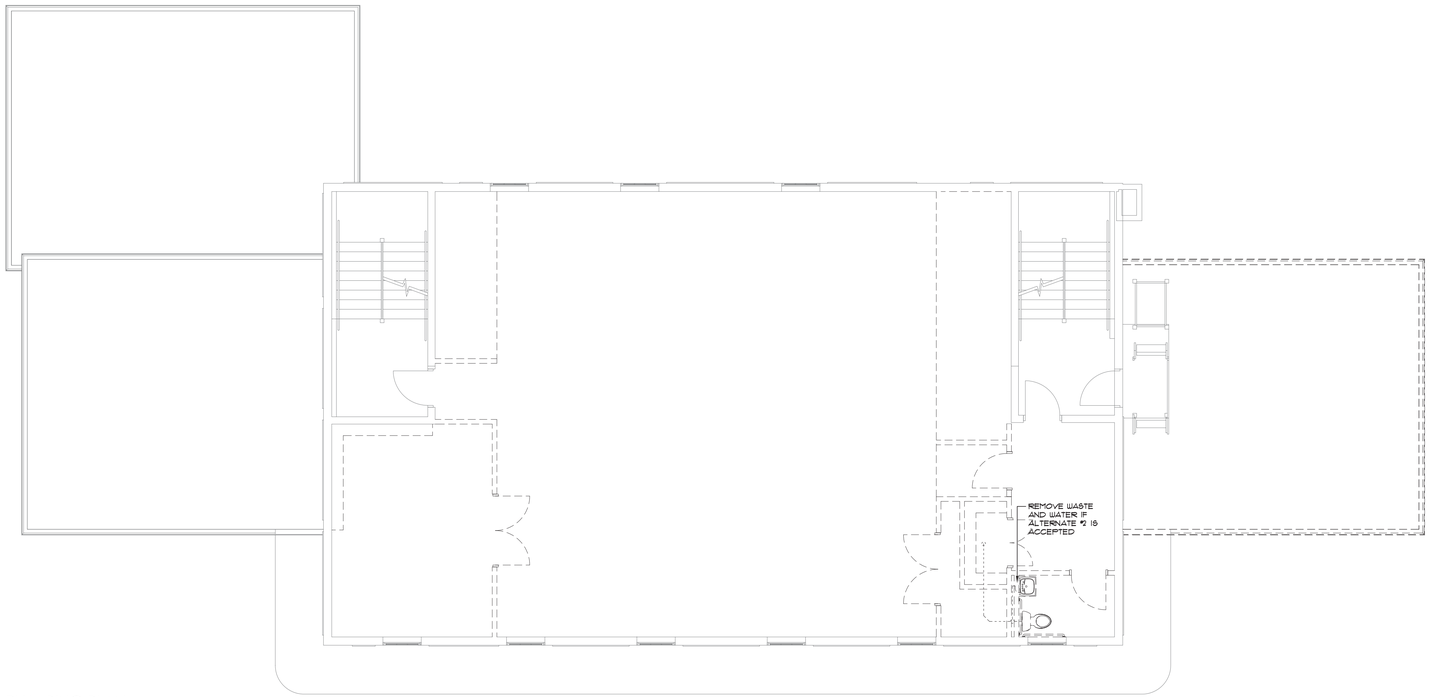
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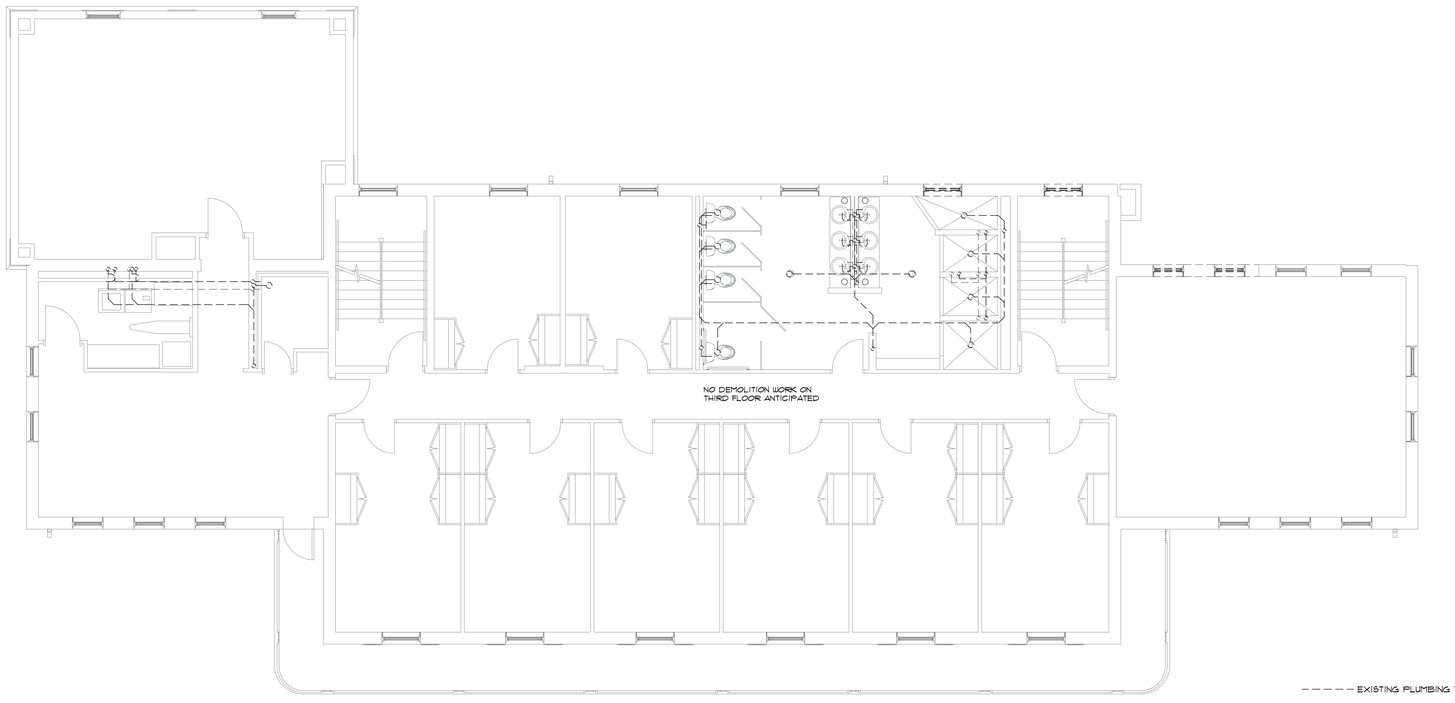
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2nd Floor Demo Plan

SHEET NUMBER P1.2



3 P1.3 4TH FLOOR DEMO PLUMBING PLAN
3/16" = 1'-0"



1 P1.3 3RD FLOOR DEMO PLUMBING PLAN
3/16" = 1'-0"

EXISTING PLUMBING TO REMAIN
EXISTING PLUMBING TO BE REMOVED

2 P1.3 LEGEND
NOT TO SCALE

STATE OF ALABAMA REGISTERED PROFESSIONAL ENGINEER FRANK STOCKTON
No. [illegible]
11-16-2012 *224

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UA Project Number: 910-12-024
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

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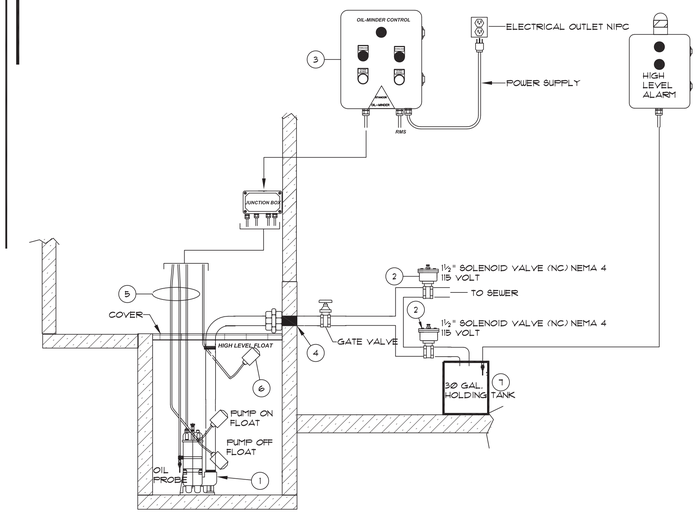
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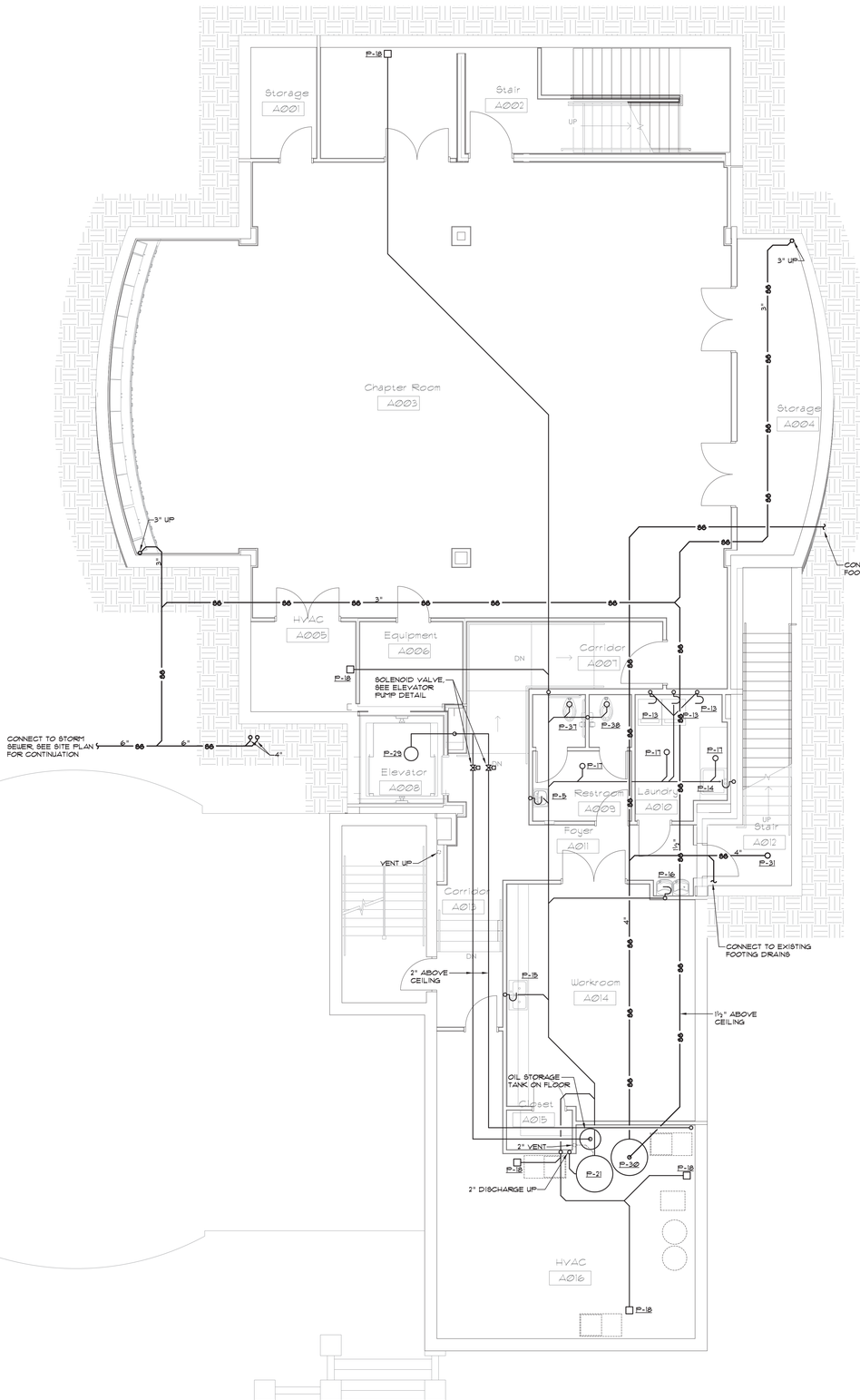
3rd & 4th Floor Demo Plan

SHEET NUMBER P1.3



2 ELEVATOR PUMP DETAIL
P2.0 3/16" = 1'-0"

1. STANCOR MODEL SE-50 SUBMERSIBLE EFFLUENT PUMP, 50 GPM, .5 HP, 115 VOLT, 3600 RPM, 2" DISCHARGE CONNECTION
2. 2 NEMA 4 SOLENOID VALVES WITH 115 VOLT ACTUATORS, 1 SEC ACTUATION TIME
3. STANCOR SIMPLEX OIL MINDER 115V, 10 CONTROL SYSTEM WITH OPTIONAL BUILT IN AUDIBLE AND VISUAL ALARM WHEN PUMP DOES RUN DUE TO OIL IN PIT OR HIGH LIQUID ALARM. PROVIDE SILENCING BUTTON FOR AUDIBLE ALARM BUILT INTO PANEL. PANEL SHALL HAVE ADDITIONAL CONTACT FOR A REMOTE ALARM LOCATION. OPTIONAL JUNCTION BOX CAN BE PROVIDED WITH DIN RAIL MOUNTED TERMINALS FOR FIELD HARD WIRING
4. ALL BURIED PUMP PRESSURE DISCHARGE PIPING SHALL BE PROTECTED WITH TAPECOAT CT CORROSION PROTECTION TAPE
5. OIL MINDER POWER CABLE, PROBE CABLE AND HIGH LIQUID ALARM CABLE
6. HIGH LIQUID ALARM FLOAT WITH CLAMP DEVICE TO MOUNT TO PUMP DISCHARGE PIPING
7. HOLDING TANK FOR DISCHARGE OF OIL



1 BASEMENT SANITARY PLAN
P2.0 3/16" = 1'-0"

STATE OF ALABAMA REGISTERED NO. PROFESSIONAL ENGINEER FRANK STOLLE
1-16-2013 #224

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Interior Renovations and Addition for:

Chi Omega

The University of Alabama Campus
UA Project Number: 910-12-024
Tuscaloosa, Alabama

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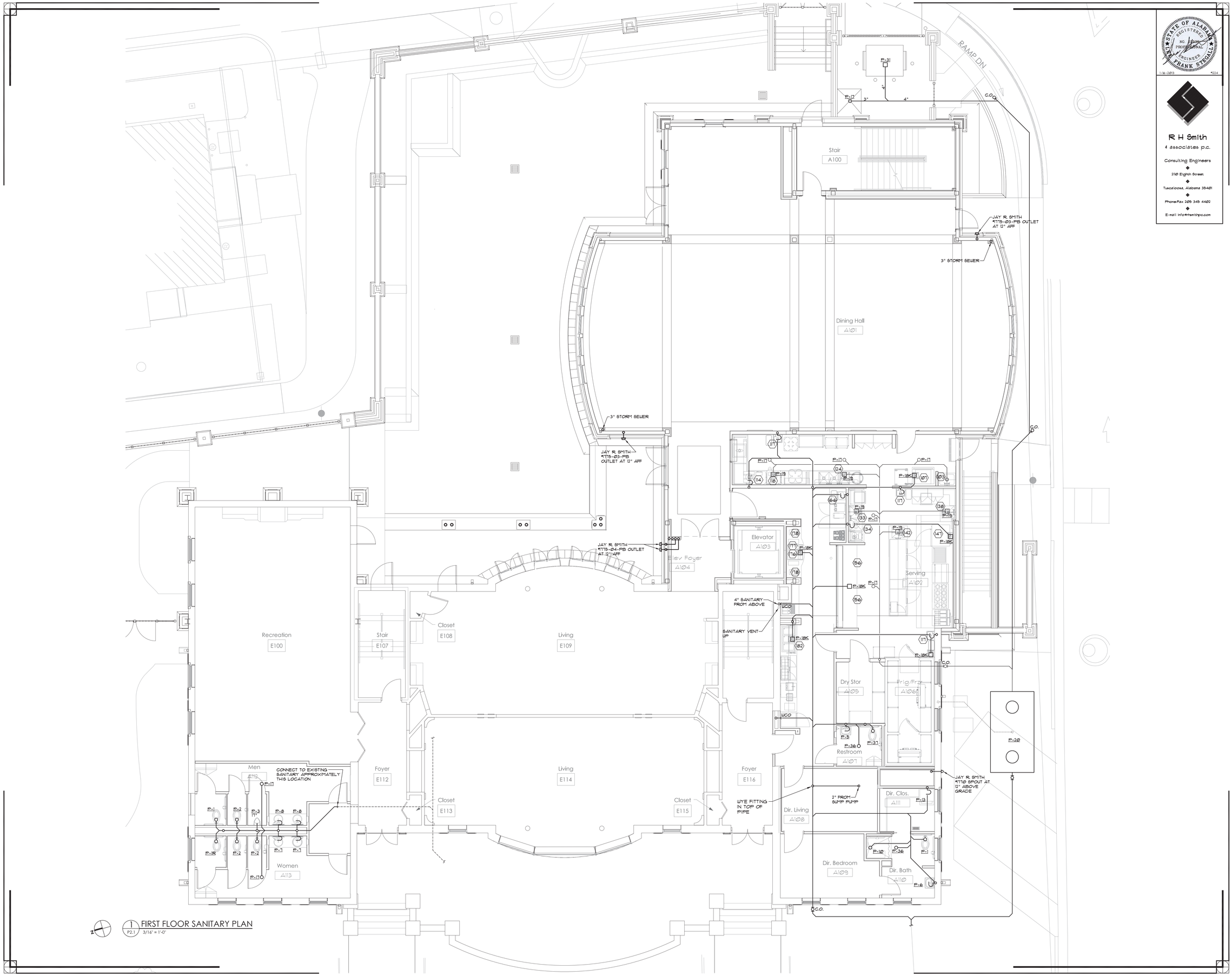
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Basement Sanitary Plan

SHEET NUMBER P2.0



1 FIRST FLOOR SANITARY PLAN
P2.1 3/16" = 1'-0"

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PROFESSIONAL
ENGINEER
FRANK STOCKTON
NO. [illegible]
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1st Floor Sanitary Plan

SHEET NUMBER P2.1



1 P2.2 SECOND FLOOR SANITARY PLAN
3/16" = 1'-0"

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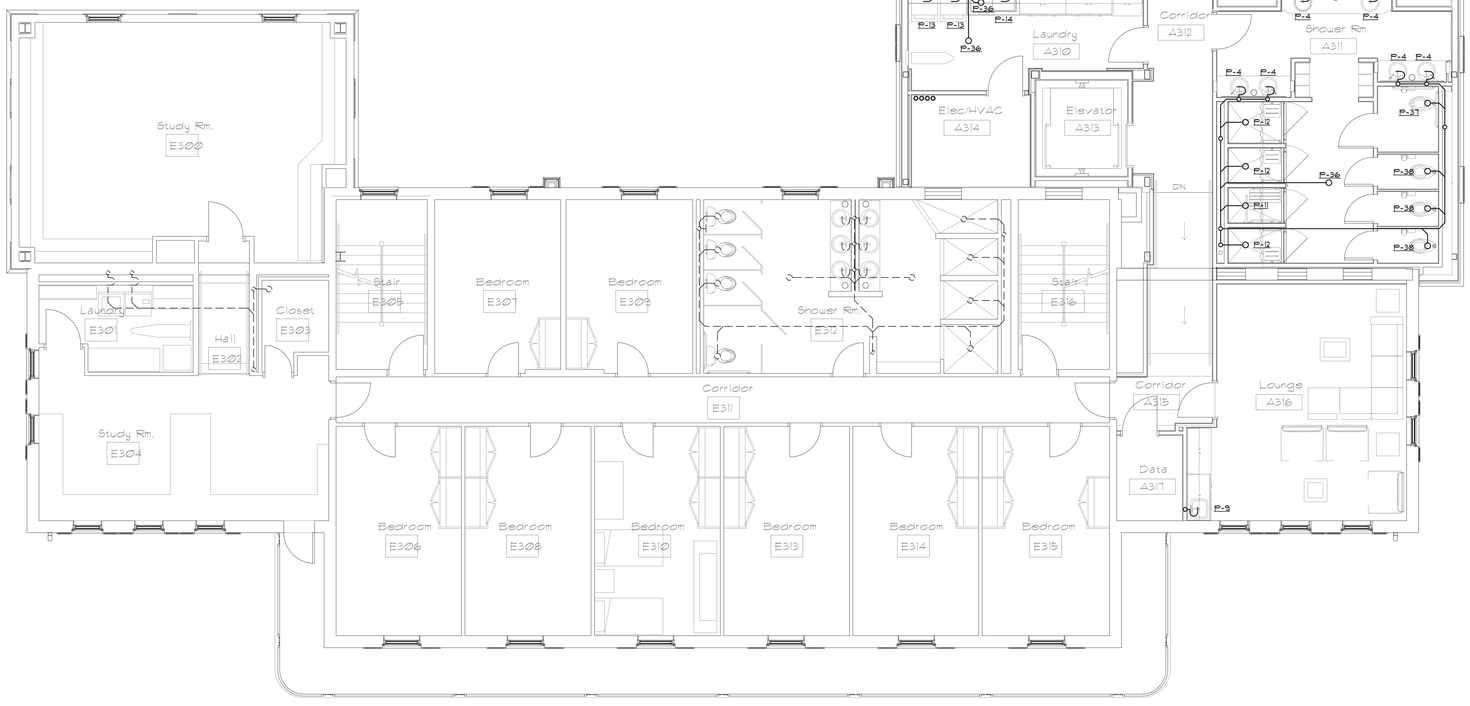
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2nd Floor Sanitary Plan

SHEET NUMBER P2.2



1 P2.3 THIRD FLOOR SANITARY PLAN
3/16" = 1'-0"

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Inc-203 *224

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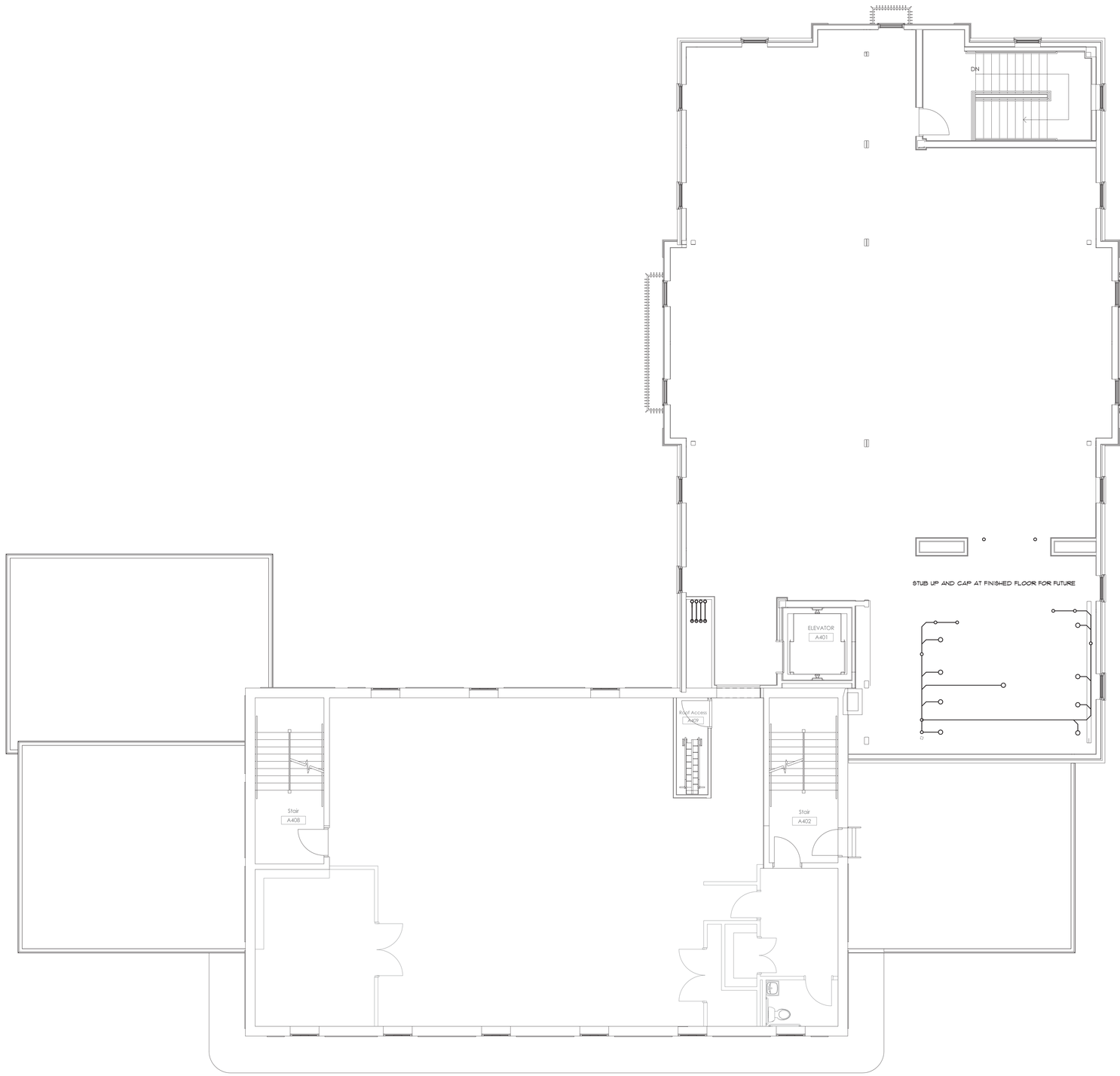
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3rd Floor Sanitary Plan

SHEET NUMBER P2.3



1 P2.4 FOURTH FLOOR SANITARY PLAN
3/16" = 1'-0"

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1-16-2013

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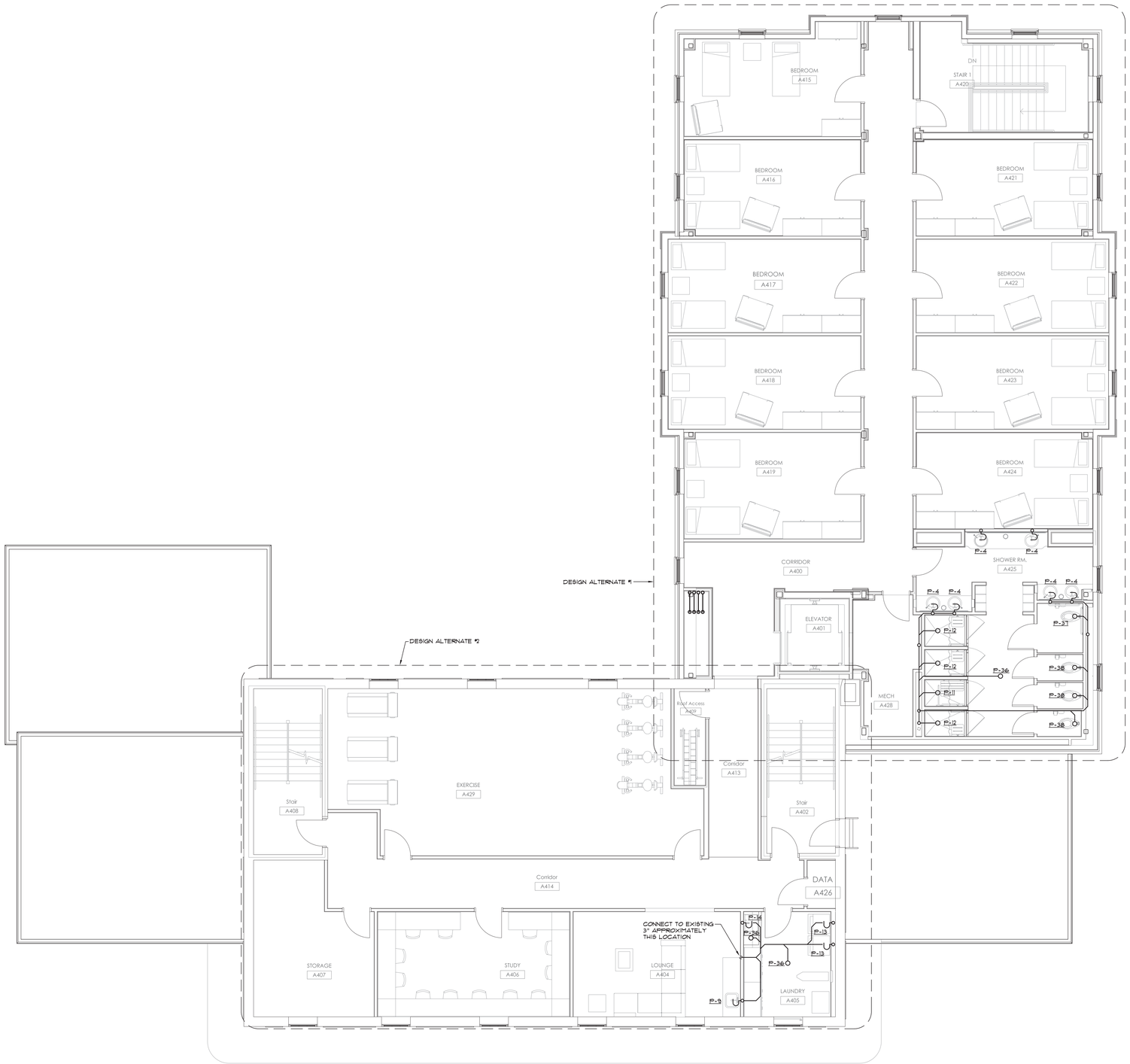
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4th Floor Sanitary Plan

SHEET NUMBER P2.4



1 FOURTH FLOOR SANITARY PLAN
P2.4A 3/16" = 1'-0"

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1-16-2013 #224

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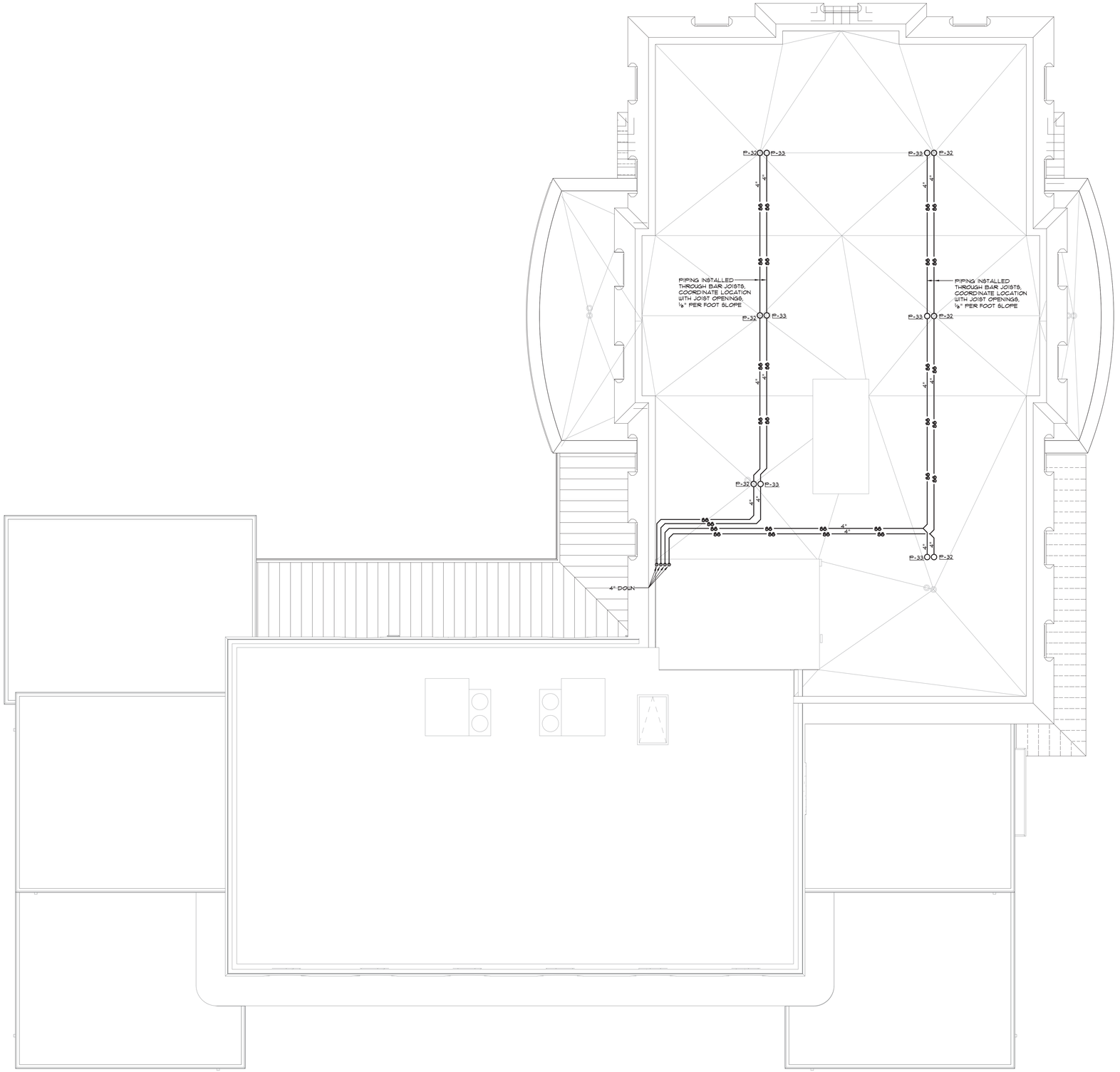
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4th Floor Sanitary Plan

SHEET NUMBER P2.4A



1 ROOF SANITARY PLAN
P2.5 3/16" = 1'-0"

STATE OF ALABAMA REGISTERED NO. 19007 PROFESSIONAL ENGINEER FRANK STOCKTON

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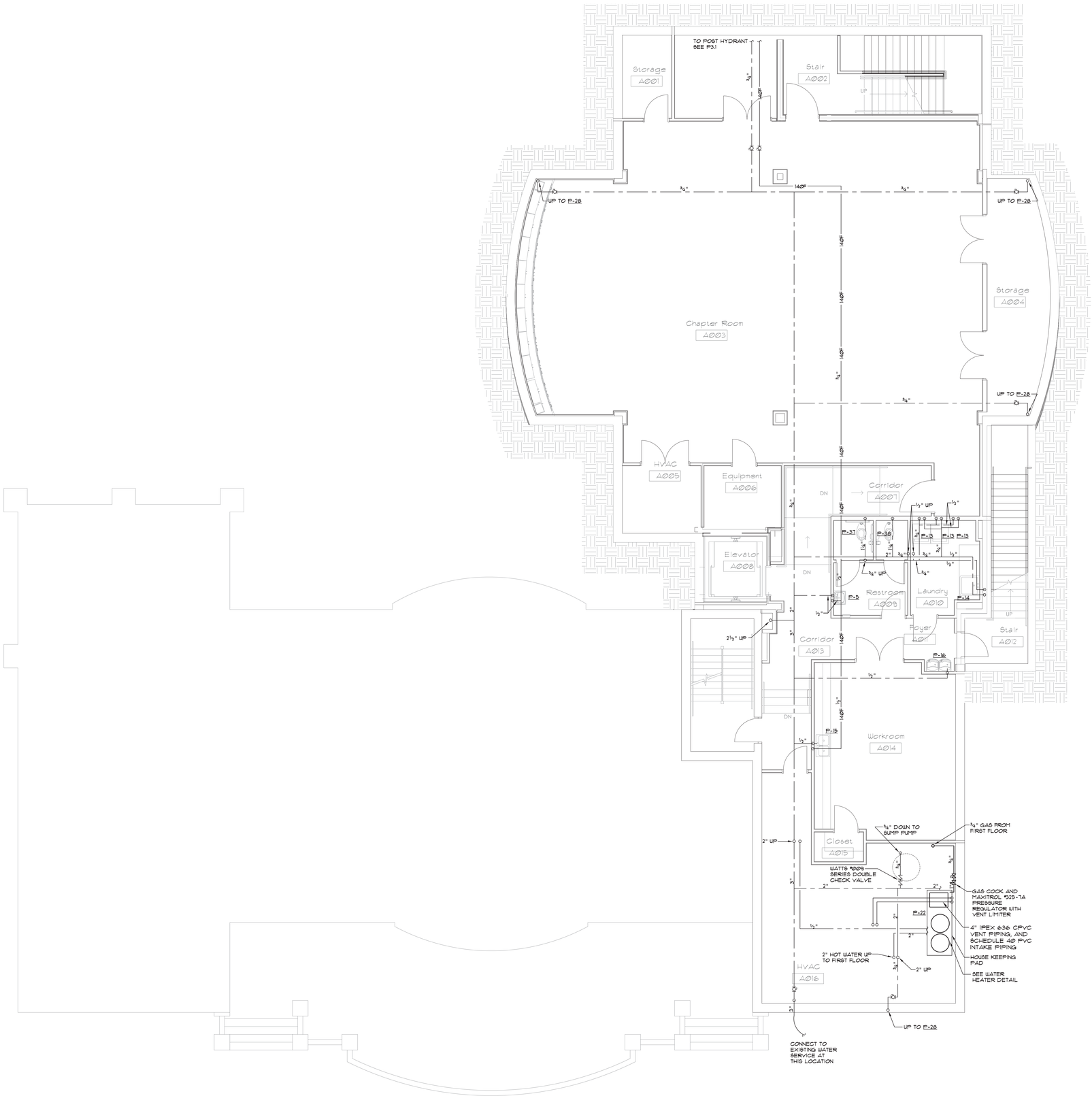
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Roof Sanitary Plan

SHEET NUMBER P2.5



1 P3.0 BASEMENT PRESSURE PIPING PLAN
3/16" = 1'-0"

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1-16-2013 #224

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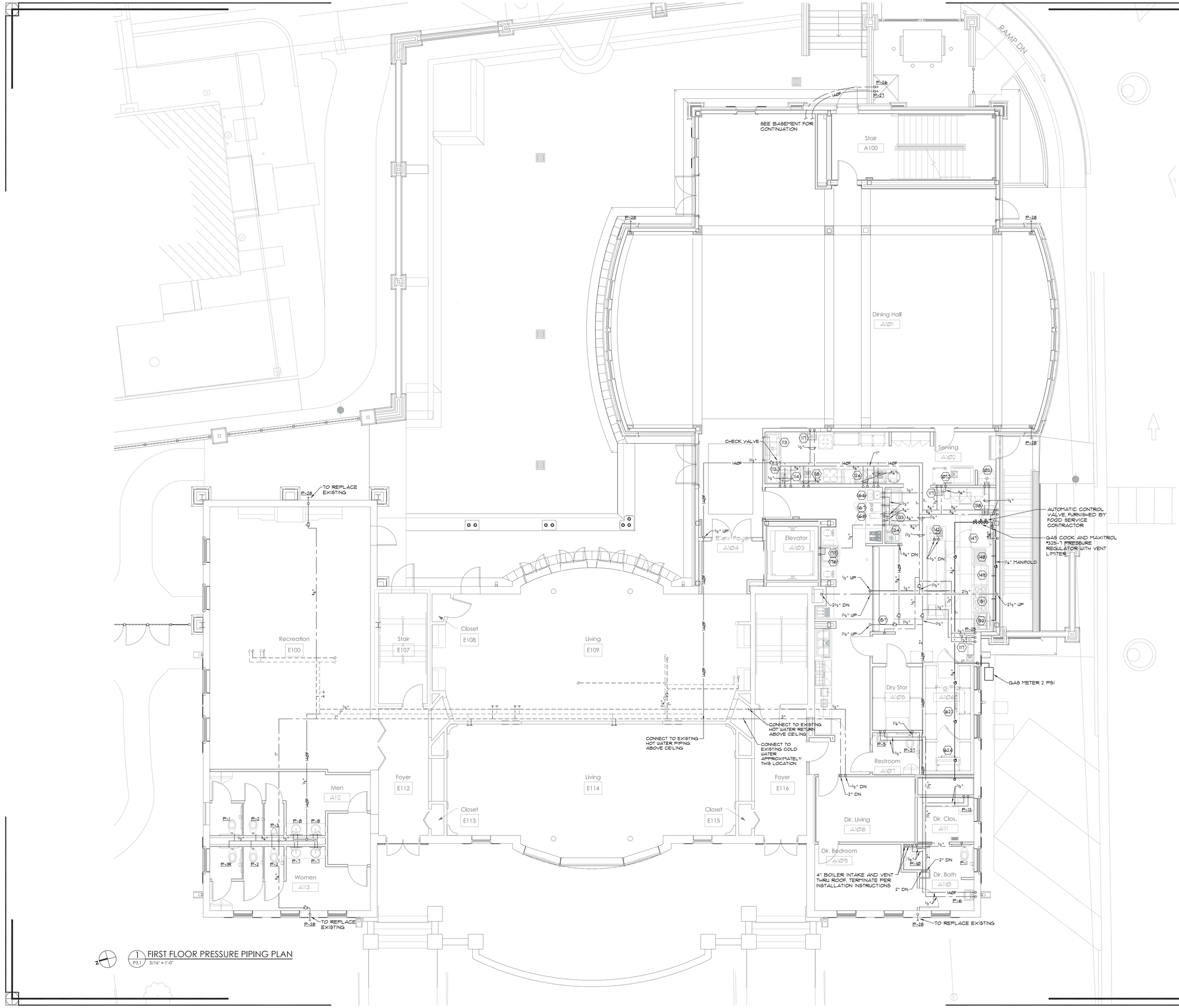
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Basement Piping Plan

SHEET NUMBER P3.0



1 FIRST FLOOR PRESSURE PIPING PLAN
P3.1 3/16" = 1'-0"

STATE OF ALABAMA REGISTERED PROFESSIONAL ENGINEER NO. 24224 FRANK STOLL
1-16-2013

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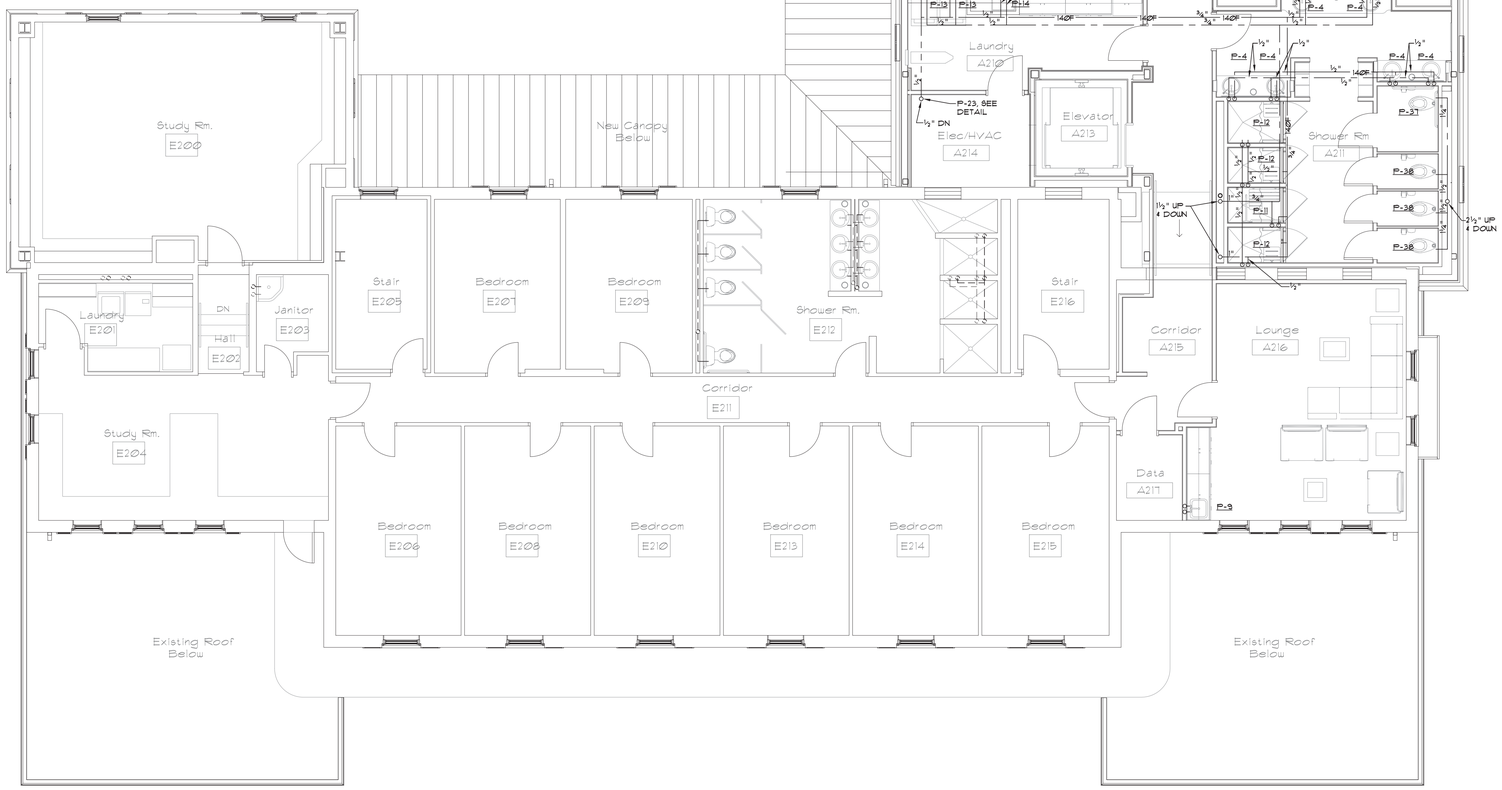
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1st Floor Piping Plan

SHEET NUMBER P3.1



1 SECOND FLOOR PRESSURE PIPING PLAN
P3.2 3/16" = 1'-0"

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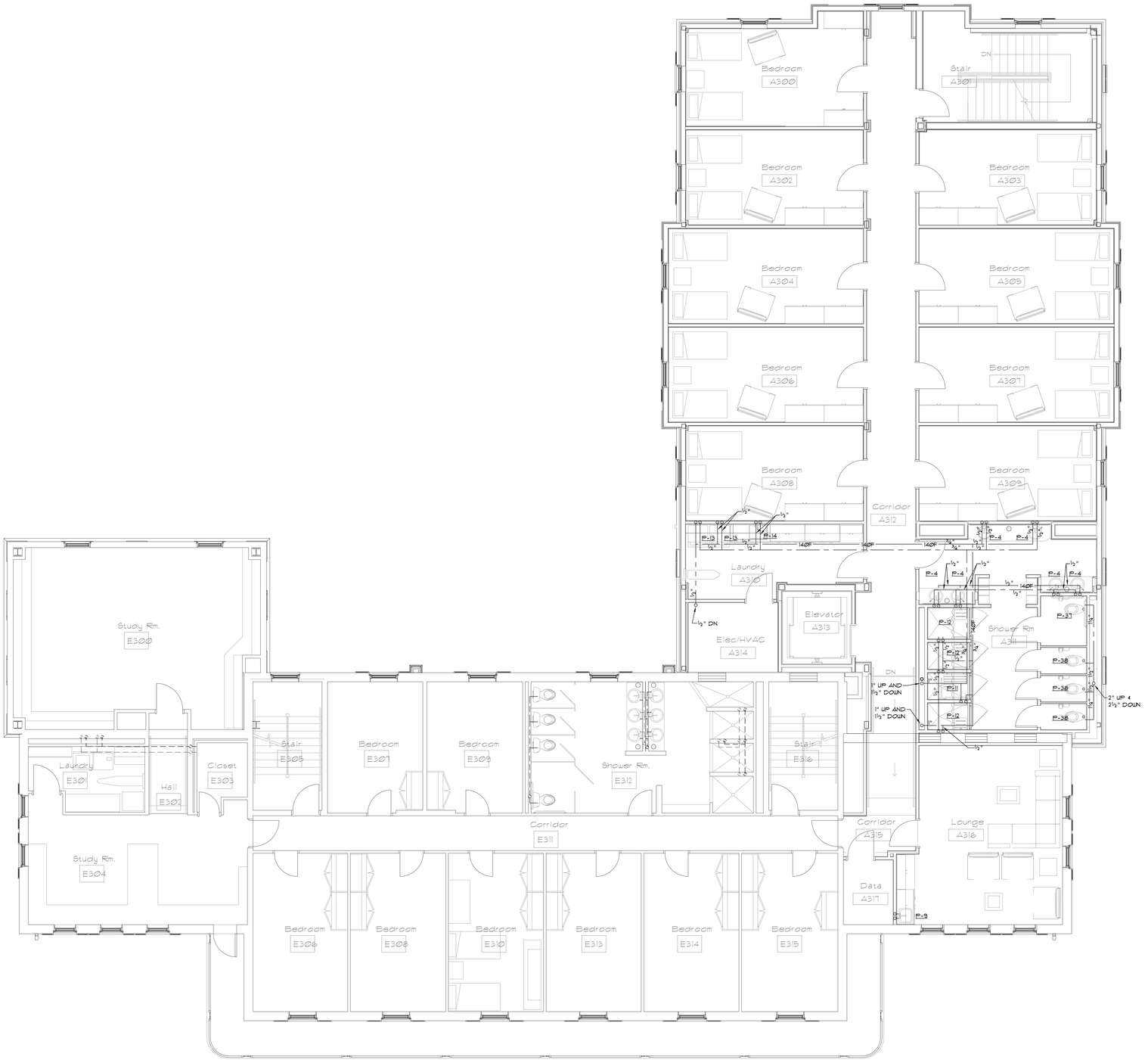
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2nd Floor Piping Plan

SHEET NUMBER P3.2



1 THIRD FLOOR PRESSURE PIPING PLAN
P3.3 3/16" = 1'-0"

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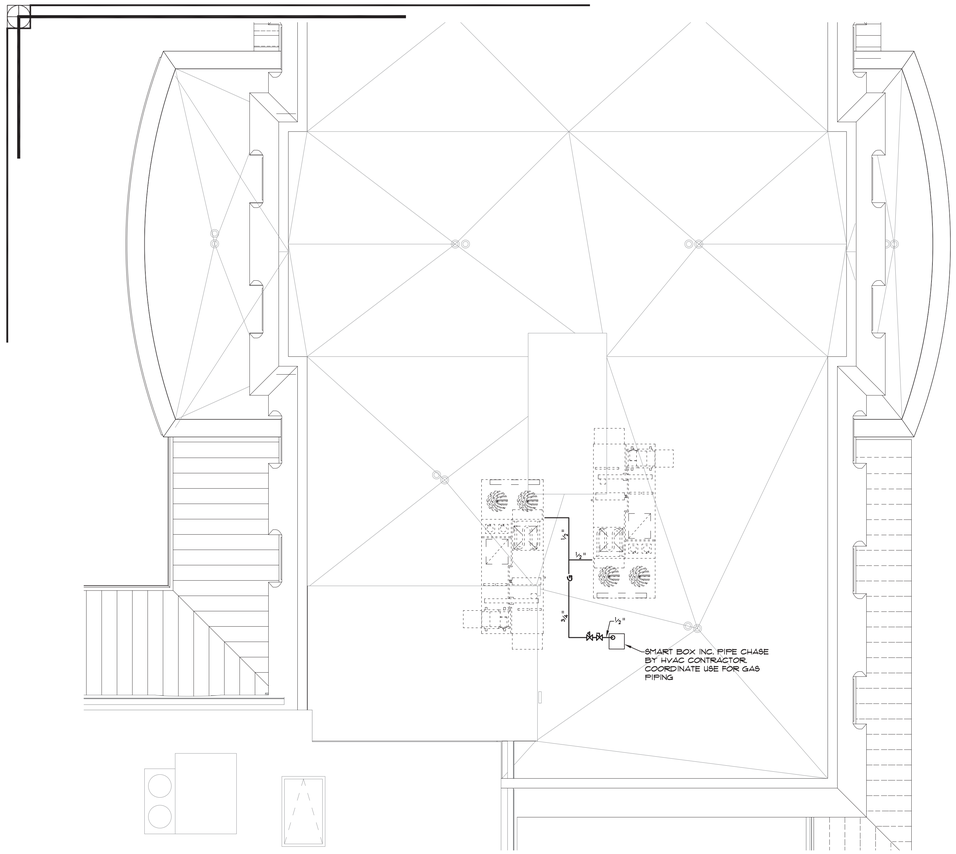
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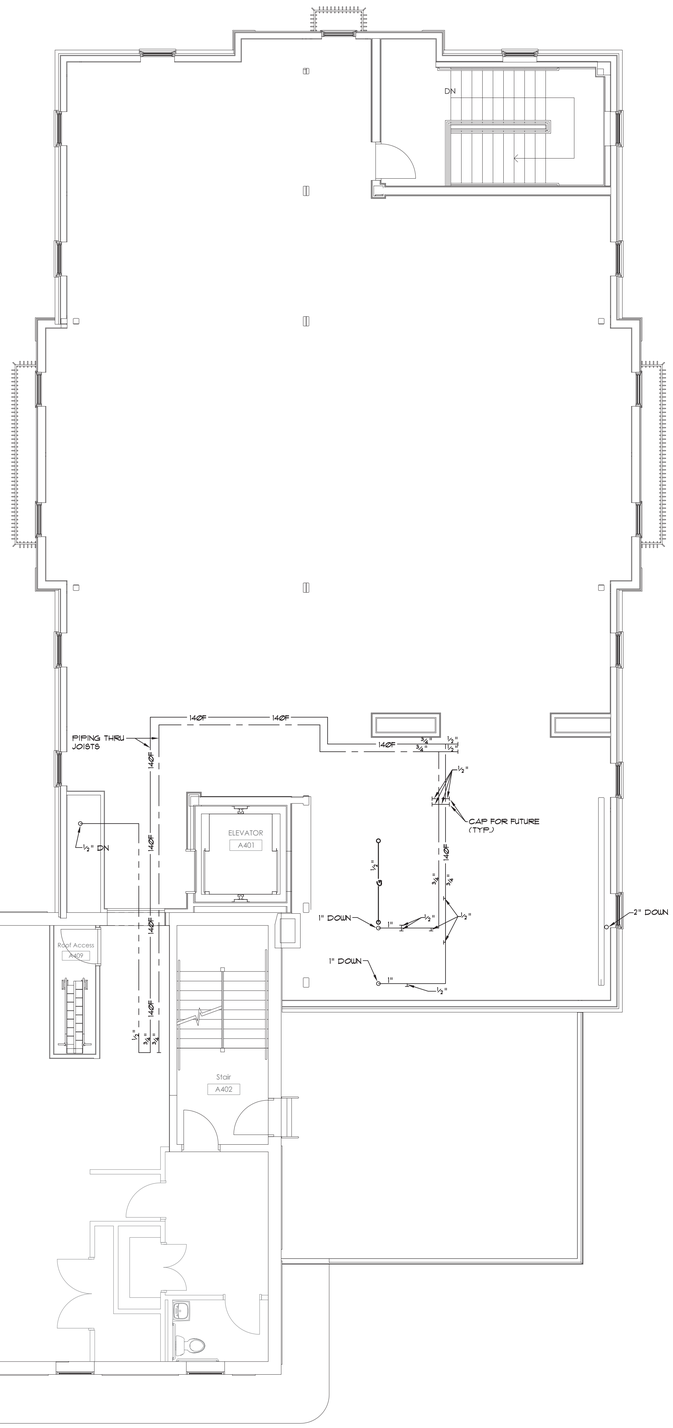
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3rd Floor Piping Plan

SHEET NUMBER P3.3



2 P3.4 ROOF PRESSURE PIPING PLAN
3/16" = 1'-0"



1 P3.4 4TH FLOOR PRESSURE PIPING - BASE BID
3/16" = 1'-0"

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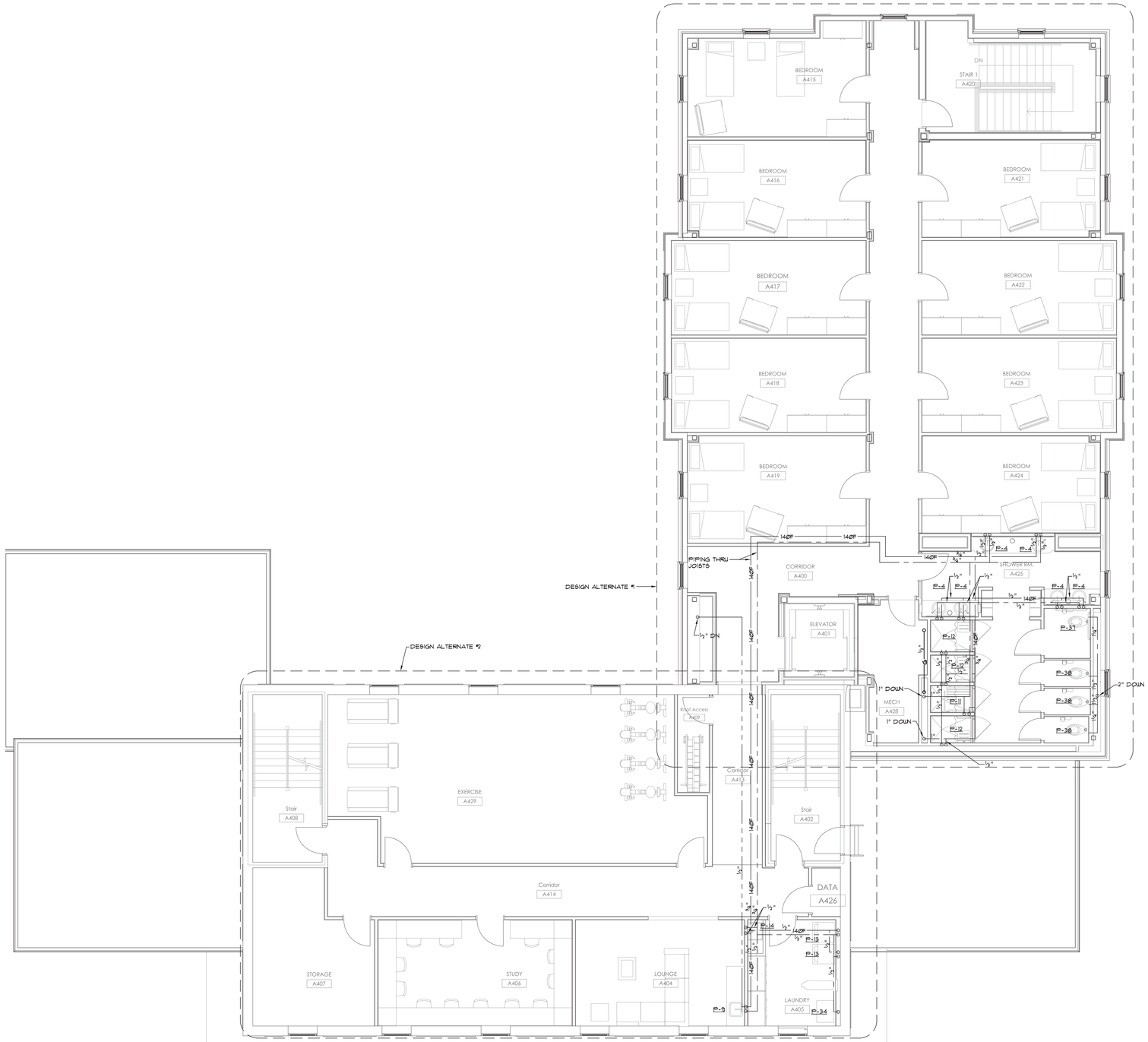
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4th Floor Piping Plan - Base Bid

SHEET NUMBER P3.4



1 4TH FLOOR PRESSURE PIPING - ALTERNATE
P3.4A 3/16" = 1'-0"

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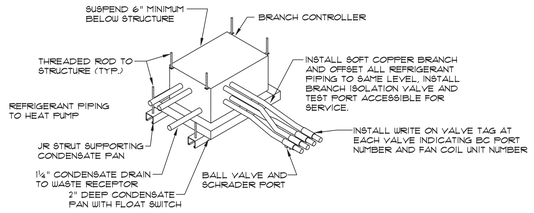
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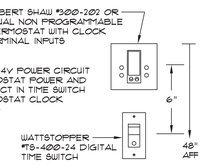
4th Floor Piping Plan - Alternate

SHEET NUMBER P3.4A

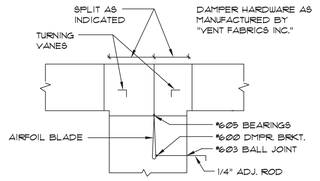


9 BRANCH CONTROLLER DETAIL
M0.1 NOT TO SCALE

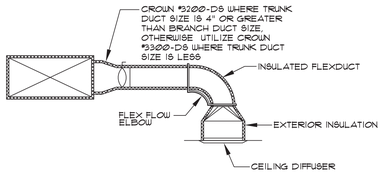
THERMOSTAT TO BE IN CONTINUOUS SETBACK MODE UNTIL TIME SWITCH IS ACTIVATED. PROGRAM OCCUPIED TEMPERATURES, UNOCCUPIED TEMPERATURES, AND MAXIMUM OCCUPIED TIMES PER OWNER'S INSTRUCTIONS.



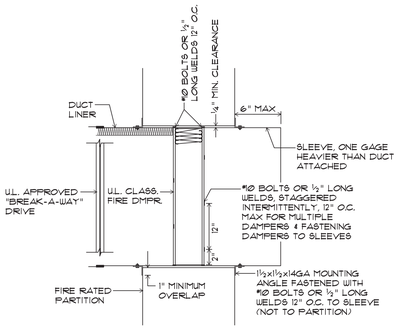
10 THERMOSTAT DETAIL
M0.1 NOT TO SCALE



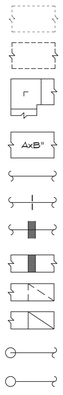
11 DUCT TEE DETAIL
M0.1 NOT TO SCALE



5 BRANCH DUCT DETAIL
M0.1 NOT TO SCALE



6 FIRE DAMPER DETAIL
M0.1 NOT TO SCALE



4 LEGEND
M0.1 NOT TO SCALE

- WHERE ACCESSIBLE CEILINGS ARE INSTALLED, ROUND BRANCH DUCTS 6'-0" AND LESS IN LENGTH TO BE INSTALLED WITH FLEXIBLE ROUND DUCT AS PER SPECIFICATIONS. BRANCH DUCTS GREATER THAN 6'-0" 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.
- WHERE INACCESSIBLE CEILINGS ARE INSTALLED, ROUND BRANCH DUCTS TO BE INSTALLED WITH ROUND RIGID DUCT TO REGISTER BOOT.
- 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, LENNOX, OR YORK ACCEPTABLE SUBJECT TO PLANS AND SPECIFICATIONS.
- REFRIGERANT PIPE SIZES TO BE AS RECOMMENDED BY MANUFACTURER.
- AIR HANDLING UNITS AND PACKAGE EQUIPMENT WITH AIRFLOWS GREATER THAN 2000 CFM TO BE INSTALLED WITH DUCT TYPE SMOKE DETECTORS WITH FAN SHUTDOWN RELAYS IN RETURN AIR DUCT PRIOR TO MIXING WITH OUTSIDE AIR. DETECTORS FURNISHED BY FIRE ALARM CONTRACTOR.
- ALL CONTROL CABLING ON EXTERIOR OF BUILDING TO BE INSTALLED IN CONDUIT.
- HVAC CONTRACTOR TO INSTALL REFRIGERATOR AND FREEZER CONDENSING UNITS AND EVAPORATORS. EQUIPMENT FURNISHED BY KITCHEN EQUIPMENT SUPPLIER. REFRIGERANT PIPING, CONDENSATE PIPING, INSULATION, ETC FURNISHED AND INSTALLED BY HVAC CONTRACTOR.

8 GENERAL NOTES
M0.1 NO SCALE

CONTROL SYSTEM MAY BE HARDWIRED OR DDC.

PROVIDE DIGITAL THERMOSTAT WITH REMOTE CLOCK INPUT AND SETPOINT LIMITS FOR SYSTEM #6 AND 14. SEE DETAIL.

PROVIDE SINGLE POINT SWITCH LOCATED IN MECHANICAL ROOM TO DISABLE ERV #1, AND #2, SETBACK TEMPERATURES FOR VRV SYSTEM9, SETBACK FOR SYSTEM #4, 12, 19, 11, AND DISABLE HOT WATER RECIRCULATION. LABEL SWITCH "OCCUPIED/VACATION"

ERV UNITS TO BE ENERGIZED WHEN BUILDING IS OCCUPIED. ERV #1 SUPPLY AIR TO BE TEMPERED BASED UPON OUTDOOR AIR TEMPERATURE. AT OUTDOOR TEMPERATURES OF 65F AND ABOVE, CONDENSING UNIT TO BE ENERGIZED. BETWEEN 55F AND 65F OUTDOOR TEMPERATURE, COOLING AND REHEAT TO MODULATE AS REQUIRED FOR 65F LEAVING AIR TEMPERATURE AND WET BULB TEMPERATURE BELOW 55F. AT TEMPERATURES BELOW 55F, HEATING TO MODULATE TO MAINTAIN 70F LEAVING AIR TEMPERATURE. INTERNAL UNIT CONTROLLER TO MODULATE WHEEL SPEED FOR FROST CONTROL AND ECONOMIZER OPERATION.

VARIABLE REFRIGERANT SYSTEM TO BE PROVIDED WITH CONTROL SYSTEM. INDOOR UNITS TO BE PROVIDED WITH SETPOINT CONTROL. SETPOINT LIMITS, SPACE TEMPERATURE MONITORING, AND OCCUPIED/UNOCCUPIED SETPOINT. NORMALLY OCCUPIED SPACES TO BE PROVIDED WITH WALL MOUNT WIRED CONTROLLER. CORRIDORS, STORAGE ROOMS, ETC TO BE CONTROLLED BY THE CENTRAL CONTROLLER WITH 70F HEATING SETPOINT AND 78F COOLING SETPOINT.

ALL EXPOSED CONTROL WIRING TO BE INSTALLED IN EMT CONDUIT.

ALL HIGH VOLTAGE POWER REQUIRED BY SYSTEM CONTROLS (120V OR GREATER) TO BE INSTALLED BY ELECTRICAL CONTRACTOR AT DIRECTION AND EXPENSE OF CONTROLS CONTRACTOR

7 CONTROL REQUIREMENTS
M0.1 NO SCALE

ERV #1, ENERGY RECOVERY VENTILATOR, GREENHECK #ERCH-45H-30, 4323 CFM OUTDOOR AIR AT Ø.75" ESP, 5 HP SUPPLY MOTOR, 4000 CFM EXHAUST AT Ø.5" ESP, 3 HP MOTOR, 84/78 EAT, 72/50% EXHAUST AIR, 19.5 DB, 66.7 WB LEAVING AIR, 71% EFFECTIVENESS, MODULATING WHEEL FROST CONTROL, MERV 8 FILTERS, 16" ROOF CURB, 100 MBH NATURAL GAS INPUT, 4:1 TURNDOWN, PACKAGED COOLING SYSTEM, 55F LEAVING AIR TEMPERATURE, DIGITAL SCROLL COMPRESSOR, 208V/3/60, 94.6 MCA, 110 MOP, BOTTOM EXHAUST INTAKE AND OA DISCHARGE, INTEGRAL MICROPROCESSOR CONTROLLER, SUPPLY AIR SETPOINT BASED UPON OUTDOOR AIR TEMPERATURE

ERV #2, ENERGY RECOVERY VENTILATOR, GREENHECK #ERCH-45L-15, 2270 CFM OUTDOOR AIR AT Ø.75" ESP, 1½ HP SUPPLY MOTOR, 1900 CFM EXHAUST AT Ø.75" ESP, ¾ HP MOTOR, 84/78 EAT, 72/50% EXHAUST AIR, 19.5 DB, 66.7 WB LEAVING AIR, 71% EFFECTIVENESS, MODULATING WHEEL FROST CONTROL, MERV 8 FILTERS, 16" ROOF CURB, 100 MBH NATURAL GAS INPUT, 4:1 TURNDOWN, PACKAGED COOLING SYSTEM, 55F LEAVING AIR TEMPERATURE, DIGITAL SCROLL COMPRESSOR, 208V/3/60, 55.1 MCA, 70 MOP, BOTTOM EXHAUST INTAKE AND OA DISCHARGE, INTEGRAL MICROPROCESSOR CONTROLLER, SUPPLY AIR SETPOINT BASED UPON OUTDOOR AIR TEMPERATURE

HP #1, 18, HEAT PUMP, EXISTING TO REMAIN/RELOCATE, 4 TON NOMINAL CAPACITY, 240V/3/60, 22.1 MCA, 35 MOP

AHU #1, 18, AIR HANDLING UNIT, EXISTING TO REMAIN, 4 TON NOMINAL CAPACITY, 10 KW ELECTRIC HEAT, 240V/1/60, 57.5 MCA, 60 MOP

HP #2, #3, HEAT PUMP, EXISTING TO REMAIN, 2 TON NOMINAL CAPACITY, 240V/1/60, 18 MCA, 25 MOP

FCU #2, #3, FAN COIL UNIT, EXISTING TO REMAIN

AC #4, ROOFTOP UNIT, EXISTING TO REMAIN, 3 TON NOMINAL CAPACITY, GAS HEAT, 240V/3/60, 25.1 MCA, 30 MOP

HP #5, 8, 9, 10, HEAT PUMP, MITSUBISHI #PURY-P12TJMU-A, 6 TON NOMINAL CAPACITY, HEAT RECOVERY, 208V/3/60, 27 MCA, 30 MOP

HP #6, 7, HEAT PUMP, MITSUBISHI #PURY-P96TJMU-A, 8 TON NOMINAL CAPACITY, HEAT RECOVERY, 208V/3/60, 35 MCA, 40 MOP

BC #5, BRANCH CONTROLLER, MITSUBISHI #CMB-P108NU-G, 8 BRANCH, 208V/1/60, 0.85 MCA, 15 MOP, SERVICE VALVES ON ALL BRANCHES

BC #6, 7, BRANCH CONTROLLER, MITSUBISHI #CMB-P1013NU-G, 13 BRANCH, 208V/1/60, 1.34 MCA, 15 MOP, SERVICE VALVES ON ALL BRANCHES

BC #8, 9, 10, BRANCH CONTROLLER, MITSUBISHI #CMB-P1016NU-G, 16 BRANCH, 208V/1/60, 1.63 MCA, 15 MOP, SERVICE VALVES ON ALL BRANCHES

FAN COIL UNITS ON FAN COIL SCHEDULE, MITSUBISHI FAN COILS COMPATIBLE WITH HP #5-10, CONDENSATE PUMPS, 208V/1/60, WALL MOUNT WIRED CONTROLLER

HP #11, HEAT PUMP, MITSUBISHI #SUZ-KA09NA, ¾ TON NOMINAL CAPACITY, 208V/1/60, 12 MCA, 15 MOP

FCU #11, FAN COIL UNIT, MITSUBISHI #SEZ-KD09NA4, HORIZONTAL DUCTED, INTERNAL FILTER, WALL MOUNT CONTROLLER

HP #12, HEAT PUMP, TRANE #4TUB3D12C1, 2 TON NOMINAL CAPACITY, 208V/1/60, 12 MCA, 20 MOP

AHU #12, AIR HANDLING UNIT, TRANE #GAMBA0A24, 800 CFM AT Ø.5" ESP, UPFLOW, 3.6 KW ELECTRIC HEAT, 208V/1/60, 25 MCA, 25 MOP, HONEYWELL VISIONPRO PROGRAMMABLE THERMOSTAT

HP #13, HEAT PUMP, TRANE #4TUB3D18C1, 1½ TON NOMINAL CAPACITY, 208V/1/60, 9 MCA, 15 MOP

AHU #13, AIR HANDLING UNIT, TRANE #GAMBA0A18, 600 CFM AT Ø.5" ESP, UPFLOW, 3.6 KW ELECTRIC HEAT, 208V/1/60, 25 MCA, 25 MOP, HONEYWELL VISIONPRO PROGRAMMABLE THERMOSTAT

HP #14, HEAT PUMP, TRANE #4TUA3D60A3, 5 TON NOMINAL CAPACITY, 208V/3/60, 24 MCA, 40 MOP

AHU #14, AIR HANDLING UNIT, TRANE #GAMBA0C60, 1800 CFM AT Ø.75" ESP, UPFLOW, 7.2 KW ELECTRIC HEAT, 208V/1/60, 53 MCA, 60 MOP, HONEYWELL VISIONPRO PROGRAMMABLE THERMOSTAT

HP #15, HEAT PUMP, TRANE #4TUA3D48A3, 4 TON NOMINAL CAPACITY, 208V/3/60, 21 MCA, 35 MOP

AHU #15, AIR HANDLING UNIT, TRANE #GAMBA0C60, 1600 CFM AT Ø.75" ESP, UPFLOW, 7.2 KW ELECTRIC HEAT, 208V/1/60, 53 MCA, 60 MOP, HONEYWELL VISIONPRO PROGRAMMABLE THERMOSTAT

HP #16A, 16B, 17A, 17B, HEAT PUMP, TRANE #4TUA3D60A3, 5 TON NOMINAL CAPACITY, 208V/3/60, 24 MCA, 40 MOP

AHU #16, 17, AIR HANDLING UNIT, TRANE #TUE1D2E3, 10 TON NOMINAL CAPACITY, DUAL CIRCUIT COIL, UPFLOW, 4000 CFM AT Ø.8" ESP, 11.25 KW ELECTRIC HEAT, 208V/3/60, 47 MCA, 50 MOP, INTERNAL FILTER RACK, HONEYWELL VISIONPRO PROGRAMMABLE THERMOSTAT

HP #18, HEAT PUMP, MITSUBISHI #SUZ-KA12NA, 1 TON NOMINAL CAPACITY, WALL MOUNT BRACKET, 208V/1/60, 12 MCA, 15 MOP

FCU #18, FAN COIL UNIT, MITSUBISHI #SLZ-KA12NA, 4 WAY RECESSED CEILING MOUNT, WIRELESS REMOTE CONTROLLER

HOOD, GREENHECK #SHEU SERIES, 2 SECTION, 206" LENGTH, 48" WIDTH, 24" HEIGTH, BAFFLE FILTERS, INCANDESCENT LIGHTING, LEFT UTILITY CABINET, ANSUL FIRE PROTECTION SYSTEM, 1¼" AUTOMATIC GAS VALVE, FAN CONTROL PANEL WITH AUTOMATIC START TEMPERATURE SENSOR, FIELD INSTALLED COLLARS, FRONT PERFORATED AIR CURTAIN SUPPLY, 1"14" INSULATED BACK SUPPLY PLENUM, FIELD INSTALLED SUPPLY COLLARS, 1993 CFM LEFT HOOD EXHAUST, 1681 CFM RIGHT HOOD EXHAUST

KSF, KITCHEN SUPPLY FAN, GREENHECK #SPB-112-H15-Ø1, 3434 CFM AT Ø.5" ESP, 1½ HP MOTOR, 208V/3/60, 8.53 MCA, 15 MOP, ALUMINUM FILTERS, BAKED ENAMEL FINISH, DISCONNECT SWITCH, ROOF CURB, HORIZONTAL DISCHARGE

KEF, KITCHEN EXHAUST FAN, GREENHECK #SUB-218-15, 3680 CFM AT 1" SP, 1½ HP MOTOR, 208V/3/60, UL 762 OUTDOOR LISTED, UPBLAST, CLOCKWISE ROTATION, STEEL HOUSING AND INLET CONE, WELDED CONSTRUCTION, DISCONNECT SWITCH, WEATHERHOOD, BOLTED ACCESS DOOR, DRAIN CONNECTION AND GREASE TRAP, INLET COMPANION FLANGE, EXTENDED LUBRICATION LINES

FLY FAN, MARS AIR DOORS #LFN42, 42" WIDTH, NSF APPROVED, 120V, 2.4 FLA, DOOR SWITCH

EF #1, EXHAUST FAN, GREENHECK #SP-A50, 50 CFM AT Ø.1" SP, 10 SONES, 120V, CEILING RADIATION DAMPER

EF #2, EXHAUST FAN, GREENHECK #SP-A390, 300 CFM AT Ø.25" SP, 3.2 SONES, INTERNAL SPEED CONTROLLER, INLINE CONFIGURATION, 120V

BRICK VENT, GREENHECK #BVC, SIZE AS PER PLAN, LESS INSECT SCREEN, KYNAR FINISH, COLOR AS PER ARCHITECT

ROOF CAP, GREENHECK #SRS-16, SPUN ALUMINUM, ROOF CURB WITH DAMPER TRAY, 3 SQ FT MINIMUM FREE AREA, BIRD SCREEN, MOTORIZED DAMPER, POWER CLOSED, SPRING RETURN OPEN, 120V ACTUATOR

CD, CEILING DIFFUSER, TITUS #TMS, SIZE AS PER PLAN, WHITE FINISH, LAY-IN BORDER

CDL, CEILING DIFFUSER, TITUS #TDC, SIZE AS PER PLAN, WHITE FINISH, ROUND NECK, LAY-IN BORDER

CDS, CEILING DIFFUSER, TITUS #TDC, SIZE AS PER PLAN, WHITE FINISH, ROUND NECK, SURFACE MOUNT BEVELED BORDER, OPPOSED BLADE DAMPER

CDK, CEILING DIFFUSER, TITUS #PAR-FR, PERFORATED FACE, LAY-IN BORDER, ROUND NECK, FIRE RATED

CRG, CEILING RETURN GRILLE, TITUS #50R, SIZE AS PER PLAN, WHITE FINISH, ½x½x1" GRID, LAY-IN BORDER

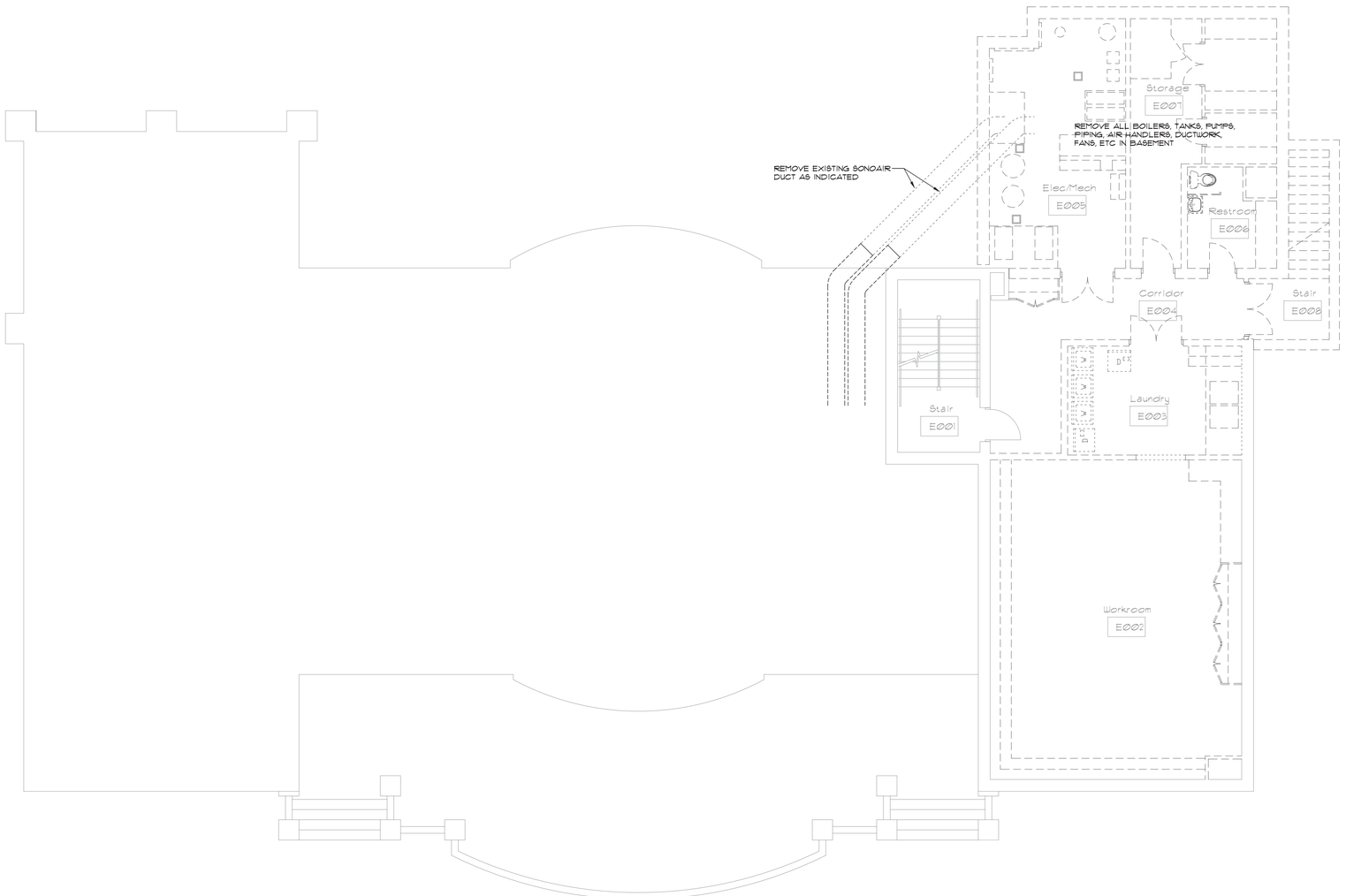
FR, FLOOR REGISTER, TITUS #CT-580, FRAME TYPE 5 LESS SCREW HOLES, SIZE AS PER PLAN, ALUMINUM FINISH

WRG, WALL RETURN GRILLE, TITUS #33R, SIZE AS PER PLAN, WHITE FINISH, SURFACE MOUNT, BLADES PARALLEL TO FLOOR

Space	Class	A_s	Density	P_z	R_p	R_a	Ex. Rate	Exhaust	V_{bz}	E_z	V_{oz}	V_{vz}	Z_p	SYSTEM
A004 Chapter Room	Multipurpose Assembly	2502	0.12	300	5	0.06	-	-	1650	1	1650	1650	1.00	DIRECT
A008, A012, A014 Corridor	Corridors	477	-	-	-	0.06	-	-	29	1	29	160	0.18	AHU #12
A010 Laundry	Storage Rooms	122	-	-	-	0.12	-	-	15	1	15	150	0.10	AHU #12
A011 Restroom	Toilet Rooms - public	123	-	-	-	-	50/70	130	0	1	0	40	0.00	AHU #12
A015 Workroom	Storage Rooms	448	-	-	-	0.12	-	-	54	1	54	250	0.22	AHU #12
A101 Dining Hall	Dining Rooms	2817	0.07	197	7.5	0.18	-	-	1985	1	1985	1985	1.00	DIRECT
A104 Dishwash	Kitchens (cooking)	320	-	-	-	-	0.7	224	0	1	0	400	0.00	AHU #14
A105 Kitchen	Kitchens (cooking)	479	-	-	-	-	0.7	335	0	1	0	750	0.00	AHU #14
A106 Serving	Kitchens (cooking)	507	-	-	-	-	0.7	355	0	1	0	800	0.00	AHU #14
A107 Dry Storage	Storage Rooms	82	-	-	-	0.12	-	-	10	1	10	50	0.20	AHU #14
A109 Restroom	Toilet Rooms - public	53	-	-	-	-	50/70	130	0	1	0	0	0.00	AHU #14
A110 Director Living	Bedroom / Living Room	173	0.01	1	5	0.06	-	-	15	1	15	120	0.13	AHU #13
A111 Director Closet	Storage Rooms	70	-	-	-	0.12	-	-	8	1	8	120	0.07	AHU #13
A112 Director Bedroom	Bedroom / Living Room	174	0.01	1	5	0.06	-	-	15	1	15	240	0.06	AHU #13
A113 Director Bath	Bathrooms / Toilet - Private	111	-	-	-	-	25/50	50	0	1	0	120	0.00	AHU #13
A114 Men	Toilet Rooms - public	250	-	-	-	-	50/70	150	0	1	0	100	0.00	HP #4
A115 Women	Toilet Rooms - public	263	-	-	-	-	50/70	150	0	1	0	400	0.00	HP #4
A200 Bedroom	Bedroom / Living Room	259	0.01	2	5	0.06	-	-	26	1	26		0.00	FCU A200
A202 Bedroom	Bedroom / Living Room	238	0.01	2	5	0.06	-	-	24	1	24		0.00	FCU A202
A203 Bedroom	Bedroom / Living Room	239	0.01	2	5	0.06	-	-	24	1	24		0.00	FCU A203
A204 Bedroom	Bedroom / Living Room	260	0.01	2	5	0.06	-	-	26	1	26		0.00	FCU A204
A205 Bedroom	Bedroom / Living Room	258	0.01	2	5	0.06	-	-	25	1	25		0.00	FCU A205
A206 Bedroom	Bedroom / Living Room	260	0.01	2	5	0.06	-	-	26	1	26		0.00	FCU A206
A207 Bedroom	Bedroom / Living Room	262	0.01	2	5	0.06	-	-	26	1	26		0.00	FCU A207
A208 Bedroom	Bedroom / Living Room	236	0.01	2	5	0.06	-	-	24	1	24		0.00	FCU A208
A209 Bedroom	Bedroom / Living Room	236	0.01	2	5	0.06	-	-	24	1	24		0.00	FCU A209
A210 Laundry	Storage Rooms	175	-	-	-	0.12	-	-	21	1	21		0.00	FCU A210
A211 Shower Room	Toilet Rooms - public	515	-	-	-	-	50/70	300	0	1	0		0.00	FCU A211
A212 / A215 Corridor	Corridors	629	-	-	-	0.06	-	-	38	1	38		0.00	FCU A212
A216 Lounge	Bedroom / Living Room	394	0.01	7	5	0.06	-	-	59	1	59		0.00	FCU A216
A300 Bedroom	Bedroom / Living Room	259	0.01	2	5	0.06	-	-	26	1	26		0.00	FCU A300
A302 Bedroom	Bedroom / Living Room	238	0.01	2	5	0.06	-	-	24	1	24		0.00	FCU A302
A303 Bedroom	Bedroom / Living Room	239	0.01	2	5	0.06	-	-	24	1	24		0.00	FCU A303
A304 Bedroom	Bedroom / Living Room	260	0.01	2	5	0.06	-	-	26	1	26		0.00	FCU A304
A305 Bedroom	Bedroom / Living Room	258	0.01	2	5	0.06	-	-	25	1	25		0.00	FCU A305
A306 Bedroom	Bedroom / Living Room	260	0.01	2	5	0.06	-	-	26	1	26		0.00	FCU A306
A307 Bedroom	Bedroom / Living Room	262	0.01	2	5	0.06	-	-	26	1	26		0.00	FCU A307
A308 Bedroom	Bedroom / Living Room	236	0.01	2	5	0.06	-	-	24	1	24		0.00	FCU A308
A309 Bedroom	Bedroom / Living Room	236	0.01	2	5	0.06	-	-	24	1	24		0.00	FCU A309
A310 Laundry	Storage Rooms	175	-	-	-	0.12	-	-	21	1	21		0.00	FCU A310
A311 Shower Room	Toilet Rooms - public	515	-	-	-	-	50/70	300	0	1	0		0.00	FCU A311
A312 / A315 Corridor	Corridors	615	-	-	-	0.06	-	-	37	1	37		0.00	FCU A312
A316 Lounge	Bedroom / Living Room	394	0.01	7	5	0.06	-	-	59	1	59		0.00	FCU A316
A400 Foyer / A400 Corridor	Corridors	648	-	-	-	0.06	-	-	39	1	39		0.00	FCU A400B
A404 Lounge	Bedroom / Living Room	257	0.01	4	5	0.06	-	-	35	1	35	35	1.01	DIRECT
A405 Laundry	Storage Rooms	147	-	-	-	0.12	-	-	18	1	18	18	0.98	DIRECT
A406 Study	Computer Lab	295	0.025	12	10	0.12	-	-	155	1	155	155	1.00	DIRECT
A407 Storage	Storage Rooms	245	-	-	-	0.12	-	-	29	1	29	29	1.01	DIRECT
A413 / A414 Corridor	Corridors	525	-	-	-	0.06	-	-	32	1	32	32	0.98	DIRECT
A415 Bedroom	Bedroom / Living Room	258	0.01	2	5	0.06	-	-	25	1	25		0.00	FCU A415
A416 Bedroom	Bedroom / Living Room	238	0.01	2	5	0.06	-	-	24	1	24		0.00	FCU A416
A417 Bedroom	Bedroom / Living Room	260	0.01	2	5	0.06	-	-	26	1	26		0.00	FCU A417
A418 Bedroom	Bedroom / Living Room	260	0.01	2	5	0.06	-	-	26	1	26		0.00	FCU A418
A419 Bedroom	Bedroom / Living Room	262	0.01	2	5	0.06	-	-	26	1	26		0.00	FCU A419
A421 Bedroom	Bedroom / Living Room	240	0.01	2	5	0.06	-	-	24	1	24		0.00	FCU A421
A422 Bedroom	Bedroom / Living Room	257	0.01	2	5	0.06	-	-	25	1	25		0.00	FCU A422
A423 Bedroom	Bedroom / Living Room	261	0.01	2	5	0.06	-	-	26	1	26		0.00	FCU A423
A424 Bedroom	Bedroom / Living Room	236	0.01	2	5	0.06	-	-	24	1	24		0.00	FCU A424
A425 Shower Room	Toilet Rooms - public	500					50/70	300	0	1	0		0.00	FCU A425
A429 Exercise	Health Club / Aerobics Room	800	0.04	9	20	0.06	-	-	228	1	228	228	1.00	DIRECT
E100 Recreation	Bedroom / Living Room	1086	0.01	10	5	0.06	-	-	115	1	115	1100	0.10	HP #4
E109 Living	Bedroom / Living Room	1105	0.01	11	5	0.06	-	-	121	1	121	750	0.16	AHU #15
E112 Foyer	Corridors	181	-	-	-	0.06	-	-	11	1	11	100	0.11	AHU #15
E114 Living	Bedroom / Living Room	986	0.01	9	5	0.06	-	-	104	1	104	650	0.16	AHU #15
E116 Foyer	Corridors	184	-	-	-	0.06	-	-	11	1	11	100	0.11	AHU #15
E201 Laundry	Storage Rooms	125	-	-	-	0.12	-	-	15	1	15	15	1.00	DIRECT
E204 Study Room	Computer Lab	361	0.025	9	10	0.12	-	-	133	1	133	133	1.00	DIRECT
E206 Bedroom	Bedroom / Living Room	212	0.01	2	5	0.06	-	-	23	1	23	25	0.91	DIRECT
E207 Bedroom	Bedroom / Living Room	178	0.01	1	5	0.06	-	-	16	1	16	25	0.63	DIRECT
E208 Bedroom	Bedroom / Living Room	212	0.01	2	5	0.06	-	-	23	1	23	25	0.91	DIRECT
E209 Bedroom	Bedroom / Living Room	185	0.01	1	5	0.06	-	-	16	1	16	25	0.64	DIRECT
E210 Bedroom	Bedroom / Living Room	209	0.01	2	5	0.06	-	-	23	1	23	25	0.90	DIRECT
E211 Corridor	Corridors	294	-	-	-	0.06	-	-	18	1	18	18	0.98	DIRECT
E213 Bedroom	Bedroom / Living Room	211	0.01	2	5	0.06	-	-	23	1	23	25	0.91	DIRECT
E214 Bedroom	Bedroom / Living Room	211	0.01	2	5	0.06	-	-	23	1	23	25	0.91	DIRECT
E215 Bedroom	Bedroom / Living Room	215	0.01	2	5	0.06	-	-	23	1	23	25	0.92	DIRECT
E301 Laundry	Storage Rooms	117	-	-	-	0.12	-	-	14	1	14	15	0.94	DIRECT
E304 Study Room	Computer Lab	361	0.025	9	10	0.12	-	-	133	1	133	133	1.00	DIRECT
E306 Bedroom	Bedroom / Living Room	212	0.01	2	5	0.06	-	-	23	1	23	25	0.91	DIRECT
E307 Bedroom	Bedroom / Living Room	178	0.01	1	5	0.06	-	-	16	1	16	25	0.63	DIRECT
E308 Bedroom	Bedroom / Living Room	212	0.01	2	5	0.06	-	-	23	1	23	25	0.91	DIRECT
E309 Bedroom	Bedroom / Living Room	185	0.01	1	5	0.06	-	-	16	1	16	25	0.64	DIRECT
E310 Bedroom	Bedroom / Living Room	209	0.01	2	5	0.06	-	-	23	1	23	25	0.90	DIRECT
E311 Corridor	Corridors	294	-	-	-	0.06	-	-	18	1	18	18	0.98	DIRECT
E313 Bedroom	Bedroom / Living Room	211	0.01	2	5	0.06	-	-	23	1	23	25	0.91	DIRECT
E314 Bedroom	Bedroom / Living Room	211	0.01	2	5	0.06	-	-	23	1	23	25	0.91	DIRECT
E315 Bedroom	Bedroom / Living Room	215	0.01	2	5	0.06	-	-	23	1	23	25	0.92	DIRECT

1 OUTDOOR AIR SCHEDULE
M0.1 NO SCALE

System	V_{ou}	MAX Z_p	E_v	V_{ot}	Type
AHU #12	97	0.22	0.93	104	Multiple Zone
AHU #13	39	0.13	1.00	39	Multiple Zone
AHU #14	10	0.20	0.95	10	Multiple Zone
AHU #15	247	0.16	0.99	250	Multiple Zone
HP #4	115	0.10	1.00	115	Multiple Zone
FCU A200	26	0.00	1.00	26	Single Zone
FCU A202	24	0.00	1.00	24	Single Zone
FCU A203	24	0.00	1.00	24	Single Zone
FCU A204	26	0.00	1.00	26	Single Zone
FCU A205	25	0.00	1.00	25	Single Zone
FCU A206	26	0.00	1.00	26	Single Zone
FCU A207	26	0.00	1.00	26	Single Zone
FCU A208	24	0.00	1.00	24	Single Zone
FCU A209	24	0



1 M1.0 DEMO - BASEMENT HVAC PLAN
3/16" = 1'-0"

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Chi Omega

The University of Alabama Campus
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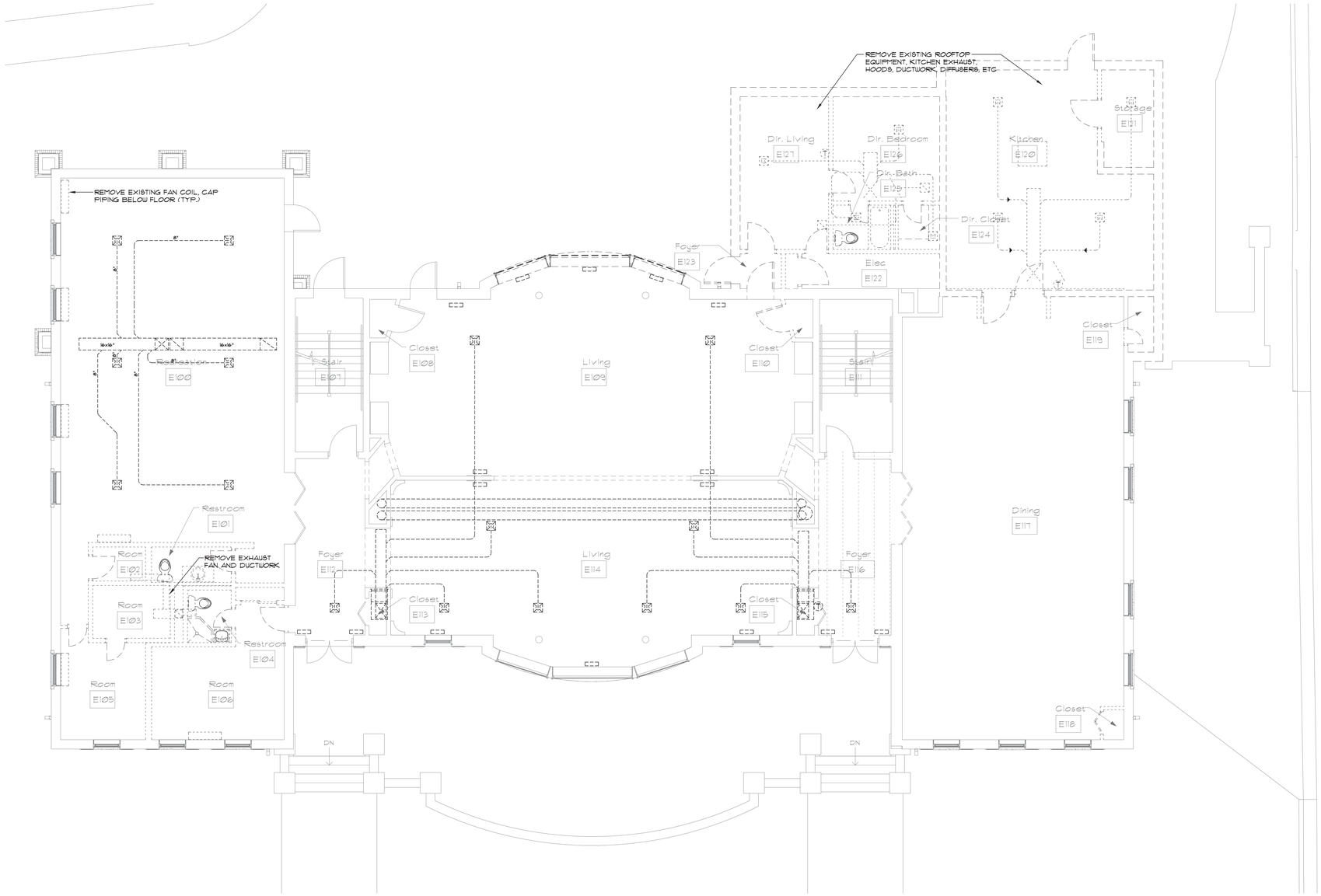
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Basement Demo HVAC Plan

SHEET NUMBER M1.0



1 M1.1 DEMO - 1ST FLOOR HVAC PLAN
3/16" = 1'-0"

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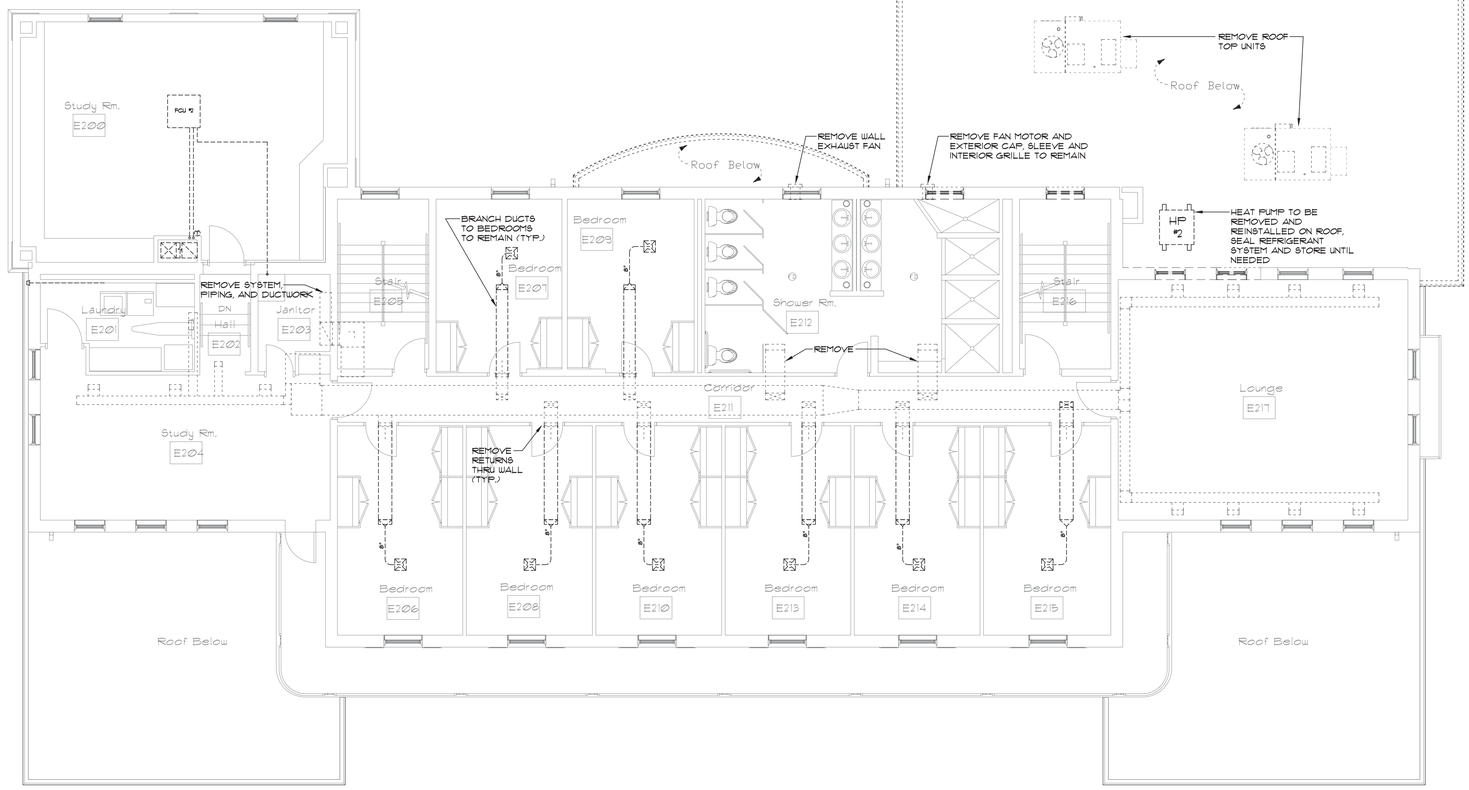
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1st Floor Demo HVAC Plan

SHEET NUMBER M1.1



1 / M1.2 DEMO - 2ND FLOOR HVAC PLAN
3/16" = 1'-0"

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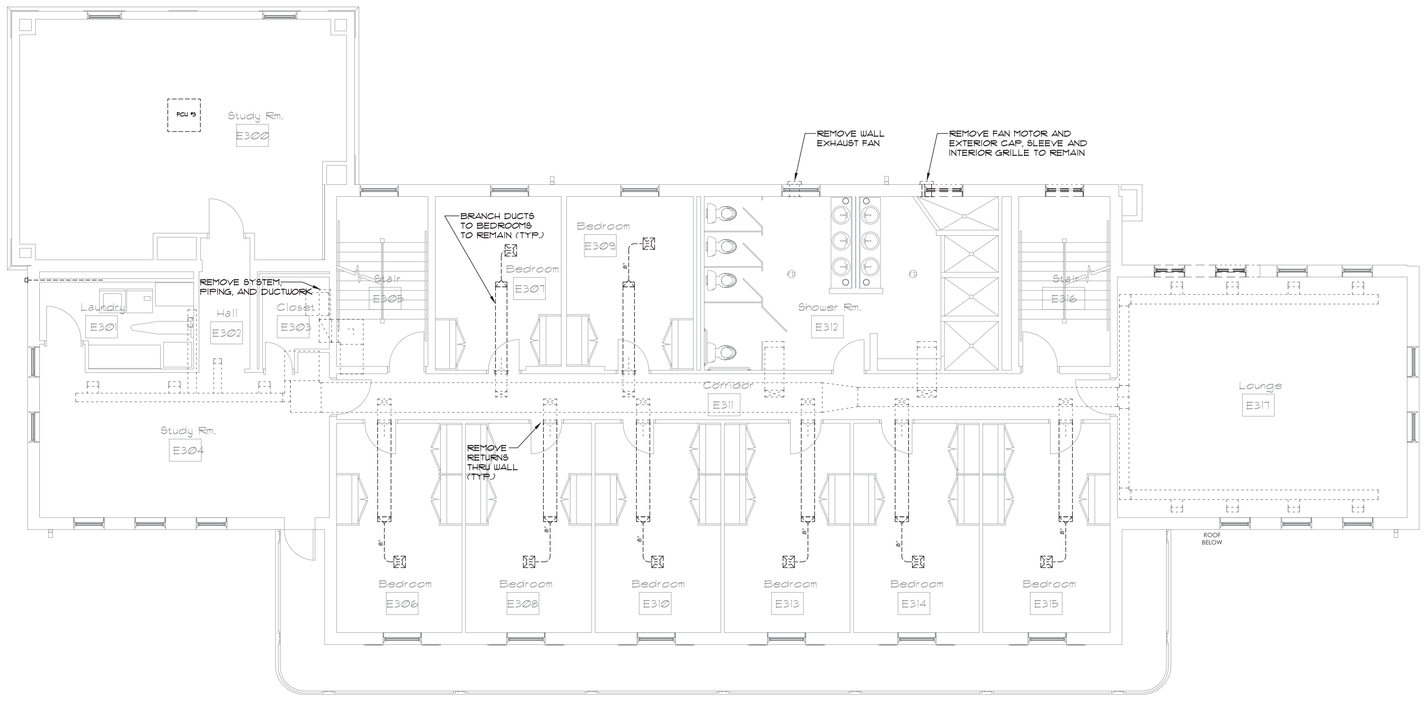
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2nd Floor Demo HVAC Plan

SHEET NUMBER M1.2



1 M1.3 DEMO - 3RD FLOOR HVAC PLAN
3/16" = 1'-0"

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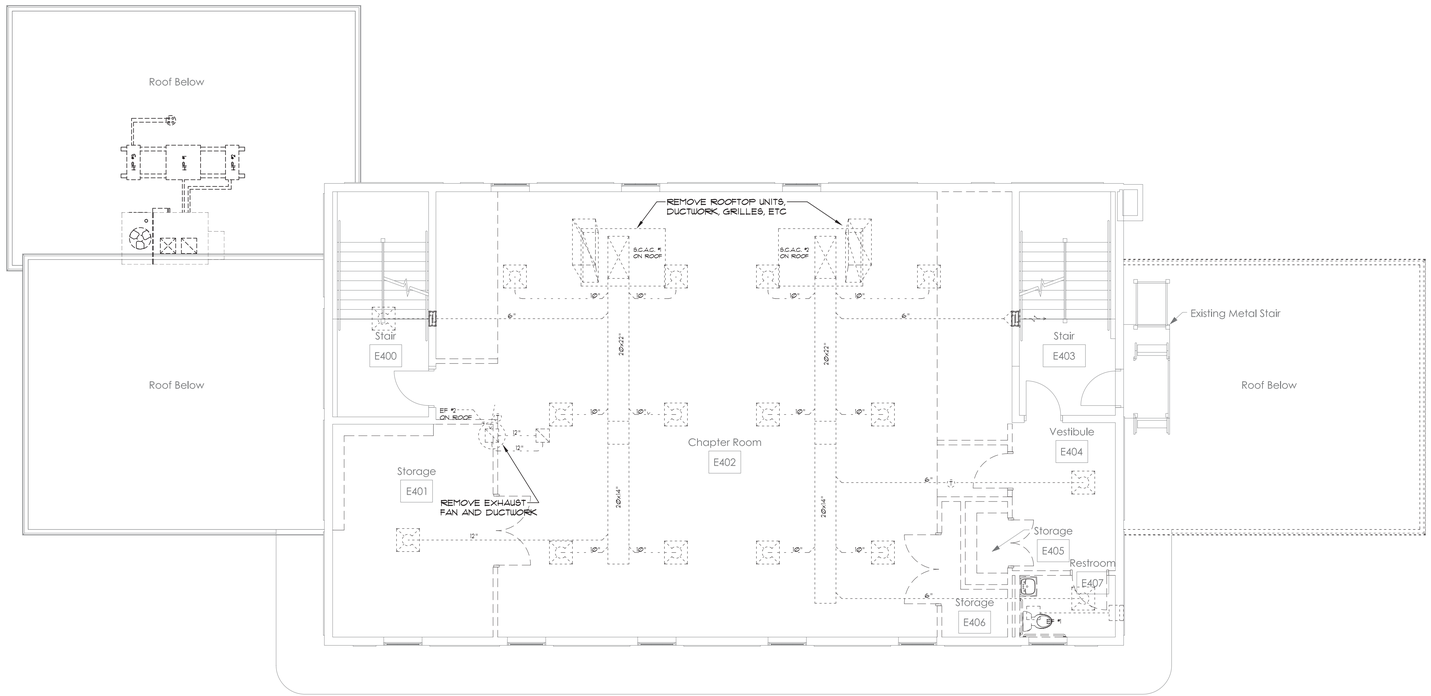
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3rd Floor Demo HVAC Plan

SHEET NUMBER M1.3



1 M1.4 DEMO - 4TH FLOOR HVAC PLAN
3/16" = 1'-0"

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REGISTERED
NO. 19007
PROFESSIONAL
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FRANK STOGNER

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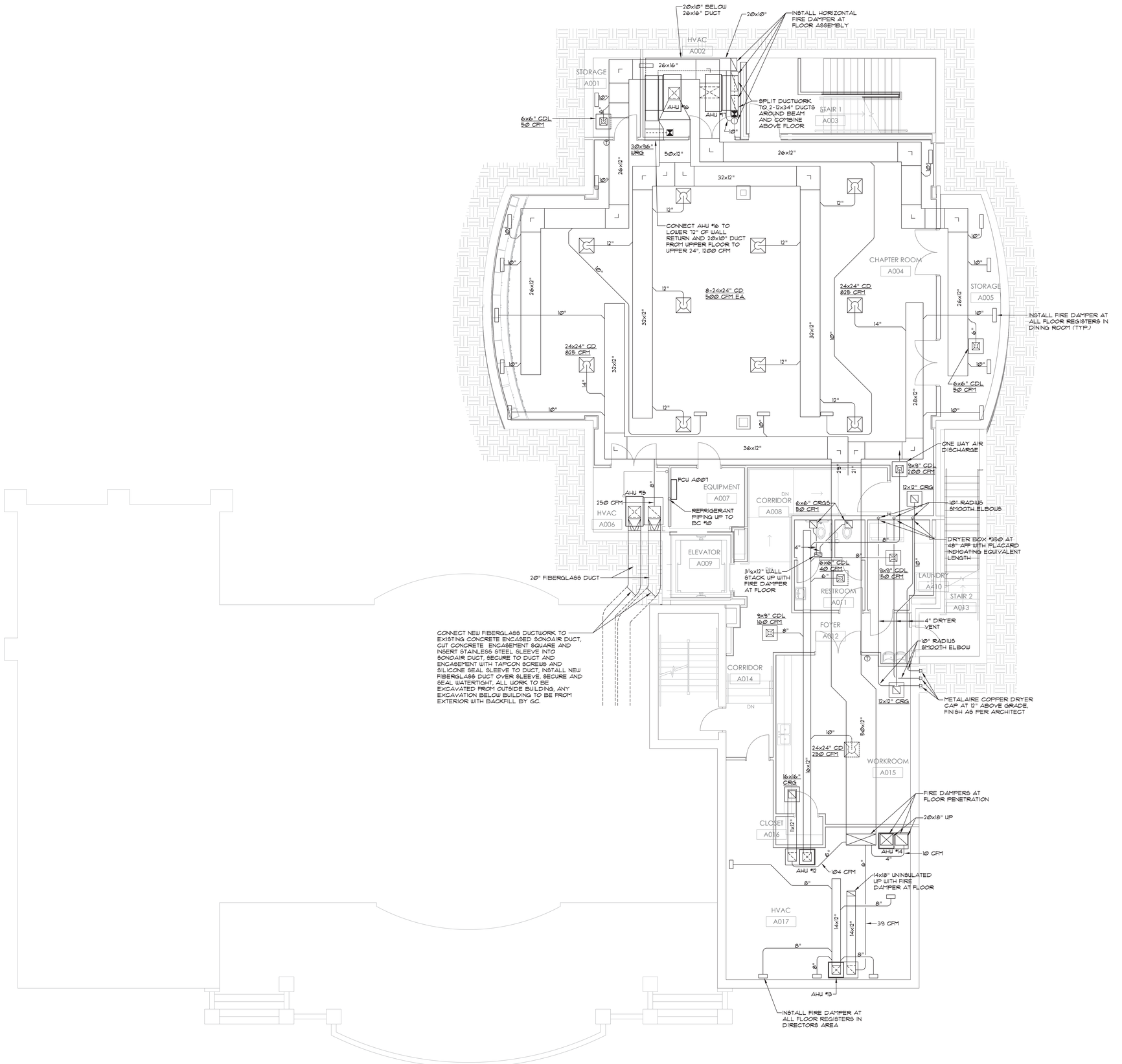
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4th Floor Demo HVAC Plan

SHEET NUMBER M1.4



N

1 M2.0 NEW - BASEMENT HVAC PLAN

3/16" = 1'-0"

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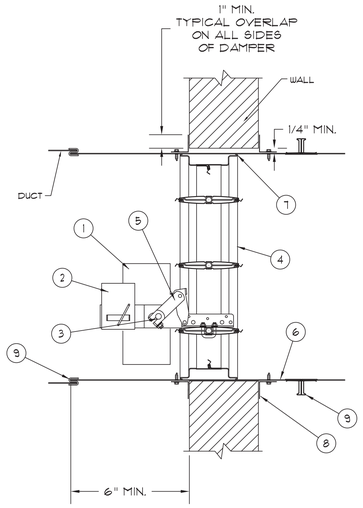
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Basement HVAC Plan

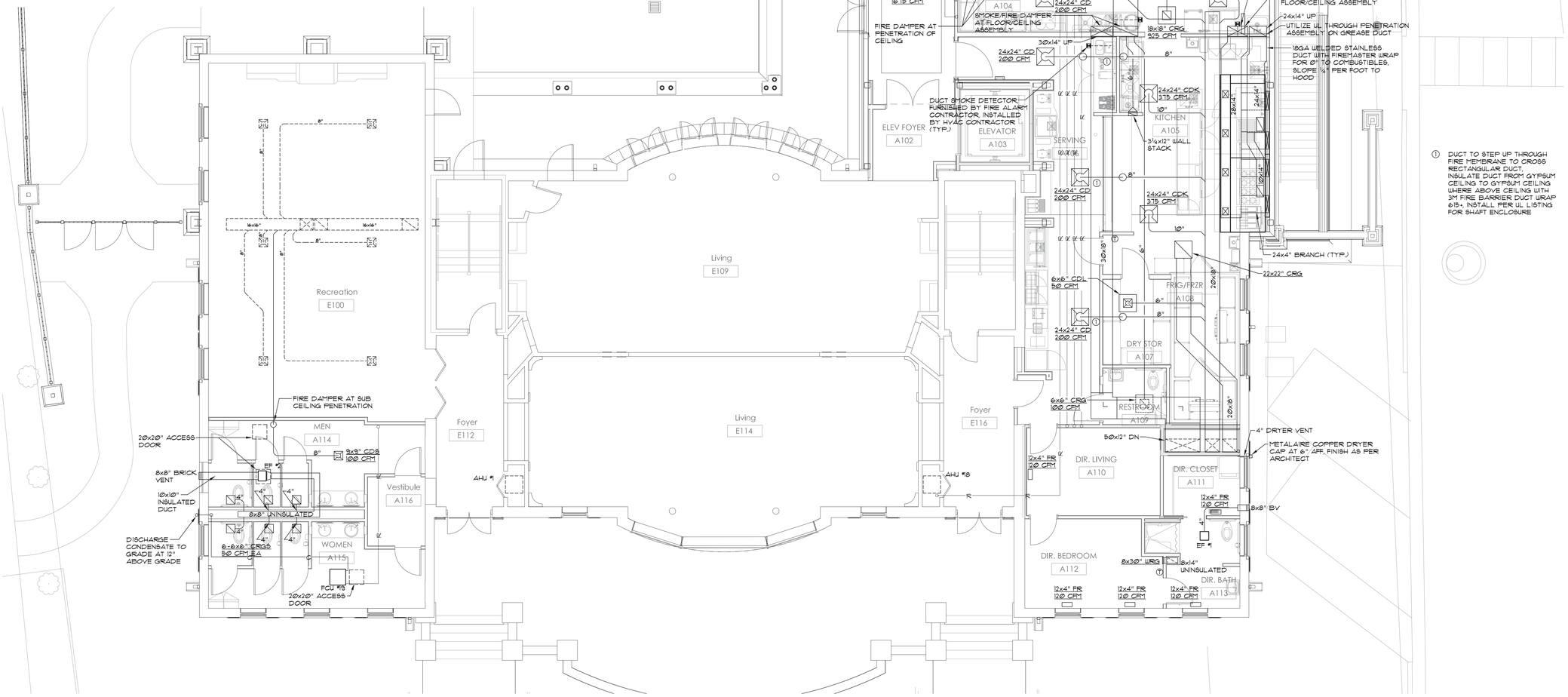
SHEET NUMBER M2.0



COMBINATION FIRE AND SMOKE DAMPER TO BE EQUAL TO RUSKIN #FSD36, 24V ELECTRIC ACTUATOR, AND FACTORY SLEEVE. DAMPER ACTUATOR TO BE LOCATED INSIDE SLEEVE

ITEM.	DESCRIPTION
1.	ACTUATOR (LOCATION MAY VARY.) DAMPER MAY BE SUPPLIED WITHOUT ACTUATOR INSTALLED. RUSKIN'S UL LISTED FIRE DAMPER ACTUATORS MAY BE FIELD INSTALLED IF PROPERLY LABELED. SEE ACTUATOR INSTALLATION INSTRUCTIONS FOR FIELD MOUNTING OF DAMPER ACTUATORS.
2.	FIRESTAT
3.	AUXILLARY OPERATING JACK SHAFT
4.	DAMPER
5.	OVER CENTER LOCK
6.	SLEEVE
7.	CAULKING MATERIAL (MAY BE ON EITHER SIDE OF DAMPER FRAME
8.	FRMA OR CONVENTIONAL MOUNTING ANGLES
9.	S-JOINT/DUCT MATE, SLEEVE TO DUCT

2 SMOKE AND FIRE DAMPER DETAIL
M2.1 NO TO SCALE



1 NEW - 1ST FLOOR HVAC PLAN
M2.1 3/16" = 1'-0"

① DUCT TO STEP UP THROUGH FIRE MEMBRANE TO CROSS RECTANGULAR DUCT, INSULATE DUCT FROM GYPSUM CEILING TO GYPSUM CEILING WHERE ABOVE CEILING WITH 3M FIRE BARRIER DUCT WRAP 615+. INSTALL PER UL LISTING FOR SHAFT ENCLOSURE

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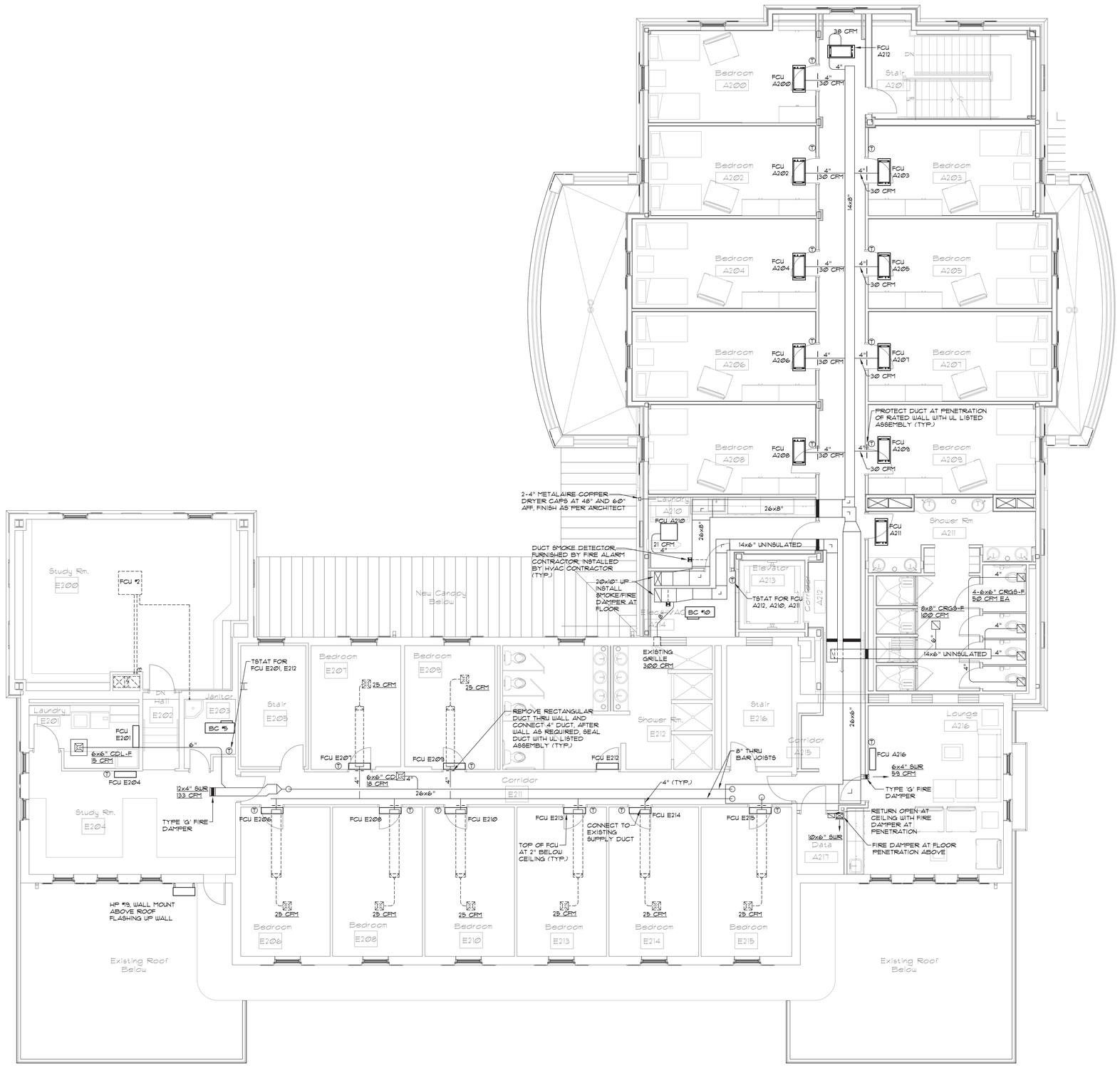
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1st Floor HVAC Plan

SHEET NUMBER M2.1



1 M2.2 NEW - 2ND FLOOR HVAC PLAN

3/16" = 1'-0"

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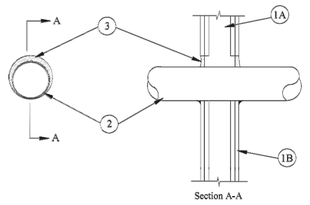
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2nd Floor HVAC Plan

SHEET NUMBER M2.2

System No. W-L-7095
May 19, 2005
F Ratings – 1 & 2 Hr (See Item 1)
T Ratings – 0 & 1/4 Hr (See Item 1)



Section A-A

Through Penetrations | Misc. Mechanical | 7000 Series | Gypsum | WL

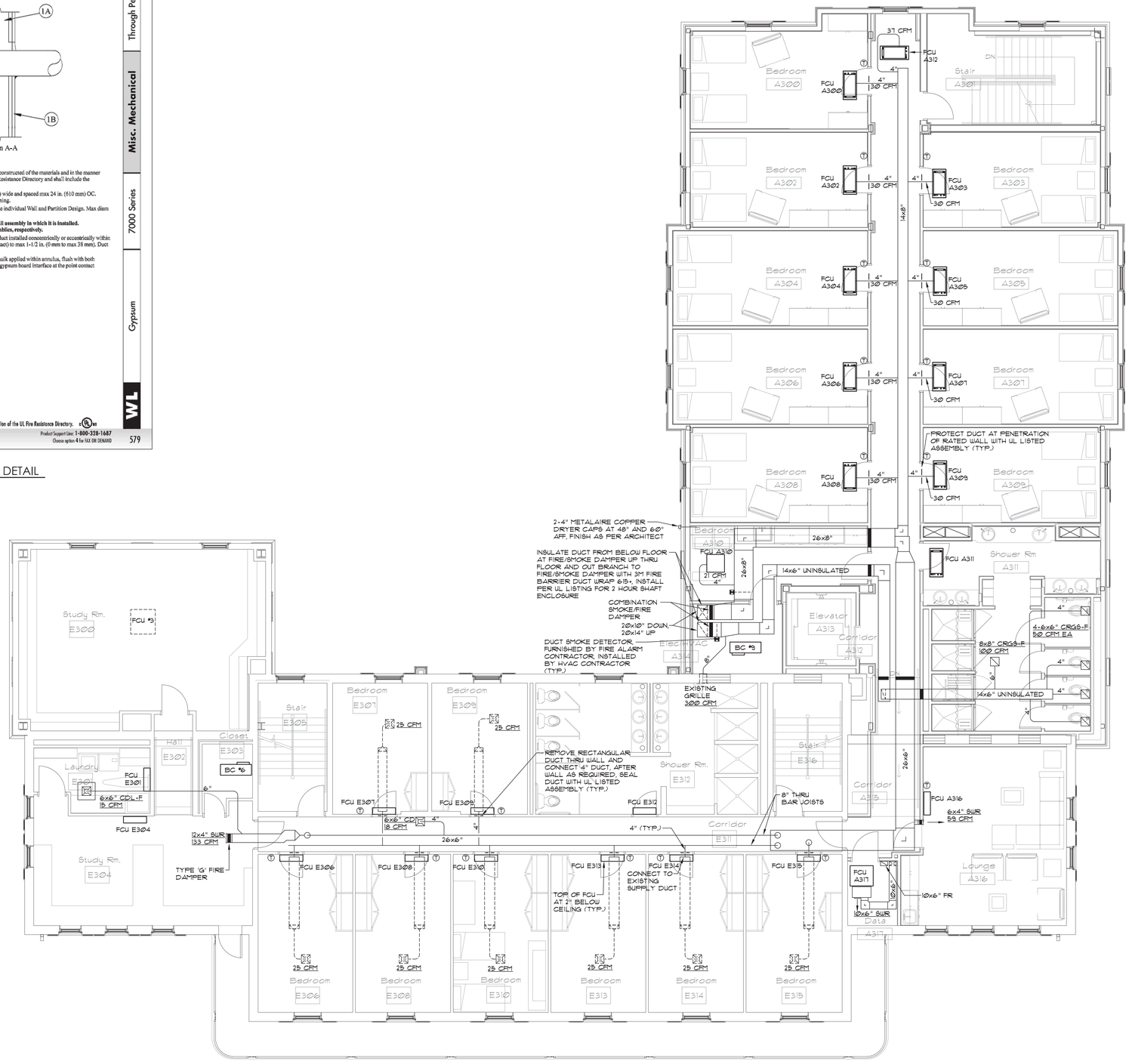
1. **Wall Assembly** – The 1 or 2 hr fire rated gypsum board/steel stud wall assembly shall be constructed of the materials and in the manner described in the individual U400 or V400 Series Wall or Partition Design in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Studs** – Wall framing shall consist of steel channel studs to be min 3-1/2 in. (89 mm) wide and spaced max 24 in. (610 mm) OC. Additional 3-1/2 in. (89 mm) wide steel studs shall be used to completely frame opening.
   B. **Gypsum Board*** – Thickness, type, number of layers and fasteners as required in the individual Wall and Partition Design. Max diam of opening is 6-1/2 in. (165 mm).
   The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.
   The hourly T Rating of the firestop system is 0 and 1/4 Hr for 1 and 2 Hr rated assemblies, respectively.
2. **Steel Duct** – Nom 5 in. (127 mm) diam (or smaller) No. 30 gauge (or heavier) galv steel duct installed concentrically or eccentrically within opening. Annular space between duct and periphery of opening to be min 0 in. (point contact) to max 1-1/2 in. (0 mm to max 38 mm). Duct to be rigidly supported on both sides of wall assembly.
3. **Fill, Void or Cavity Material*** – **Caulk or Sealant** – Min 5/8 in. (16 mm) thickness of caulk applied within annulus, flush with both surfaces of wall. An additional min 1/4 in. (6 mm) diam bead of caulk applied to the duct/gypsum board interface at the point contact locations on both sides of wall.
   3M COMPANY – CP 25WB+, IC 15WB+ caulk or FB-3000 WT sealant

*Bearing the UL Classification Marking

This material was extracted and drawn by 3M Fire Protection Products from the 2007 edition of the UL Fire Resistance Directory.

3M Fire Protection Products www.3m.com/firestop | **W-L-7095** • 1 of 1 | Product Support Line: 1-800-328-1687 Choose option 4 for TAI OR DEMAND | 579

2 M2.3 DUCT THROUGH PENETRATION DETAIL



1 M2.3 NEW - 3RD FLOOR HVAC PLAN
3/16" = 1'-0"

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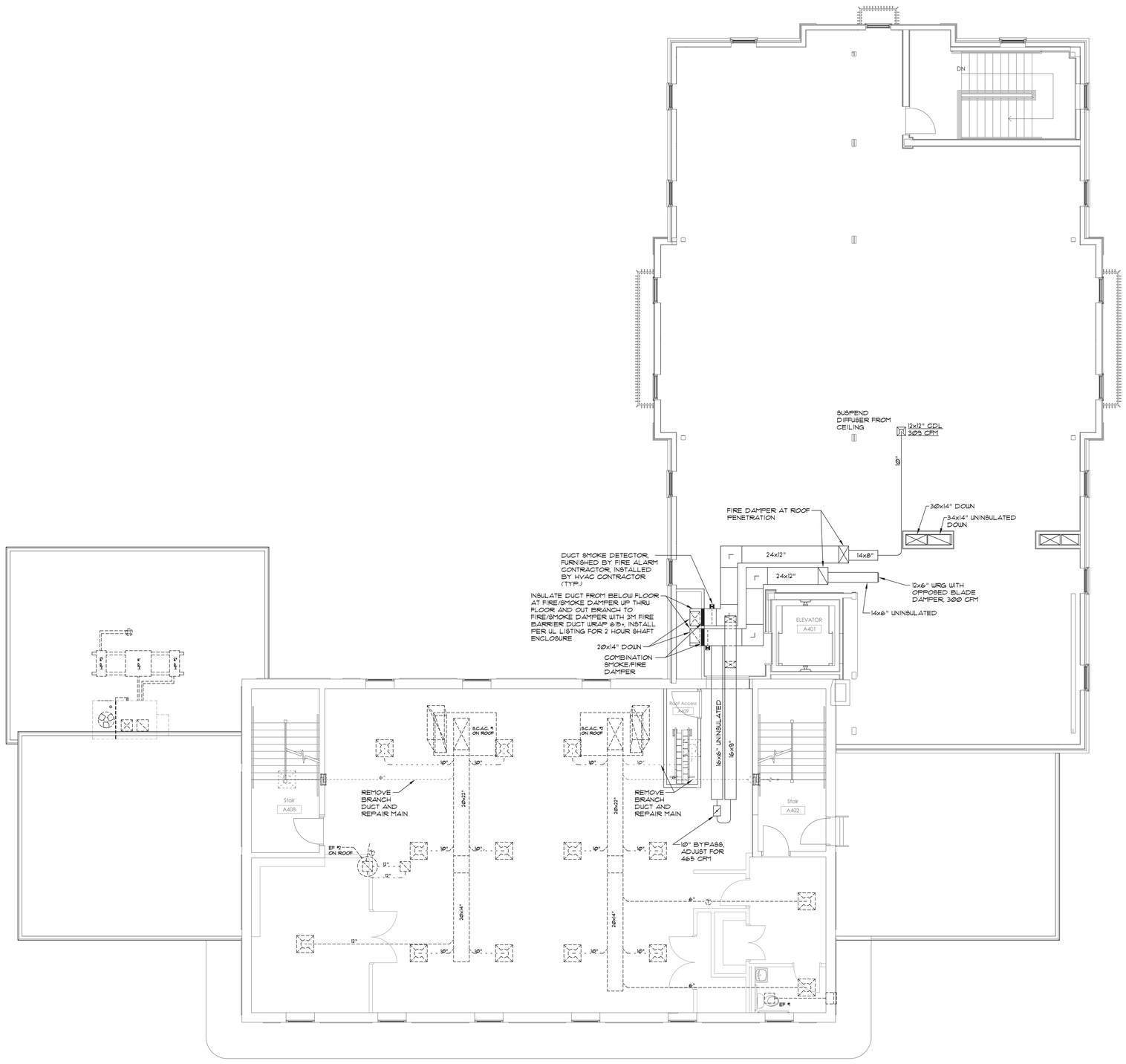
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3rd Floor HVAC Plan

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N

1 M2.4 NEW - 4TH FLOOR HVAC PLAN
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1-16-2013 #224

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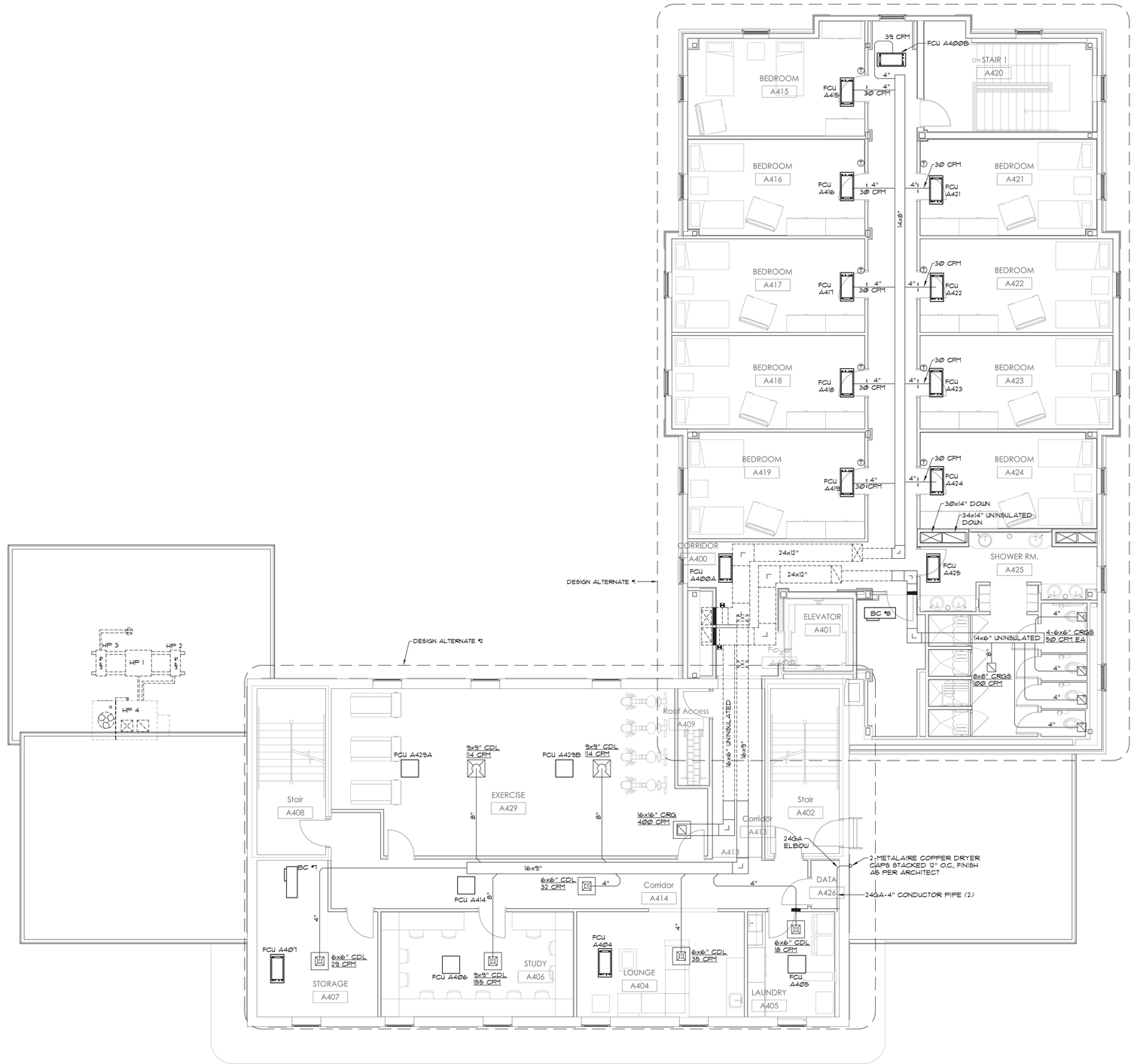
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4th Floor HVAC Plan

SHEET NUMBER M2.4



1 M2.4A 4TH FLOOR HVAC PLAN ALTERNATES
3/16" = 1'-0"

STATE OF ALABAMA REGISTERED NO. PROFESSIONAL ENGINEER FRANK STOCKTON
1-16-2013 #224

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Interior Renovations and Addition for:

Chi Omega

The University of Alabama Campus
UA Project Number: 910-12-024
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

STATE OF ALABAMA MICHAEL A. ELLIS 3692 REGISTERED ARCHITECT

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Do Not Scale From Drawings.

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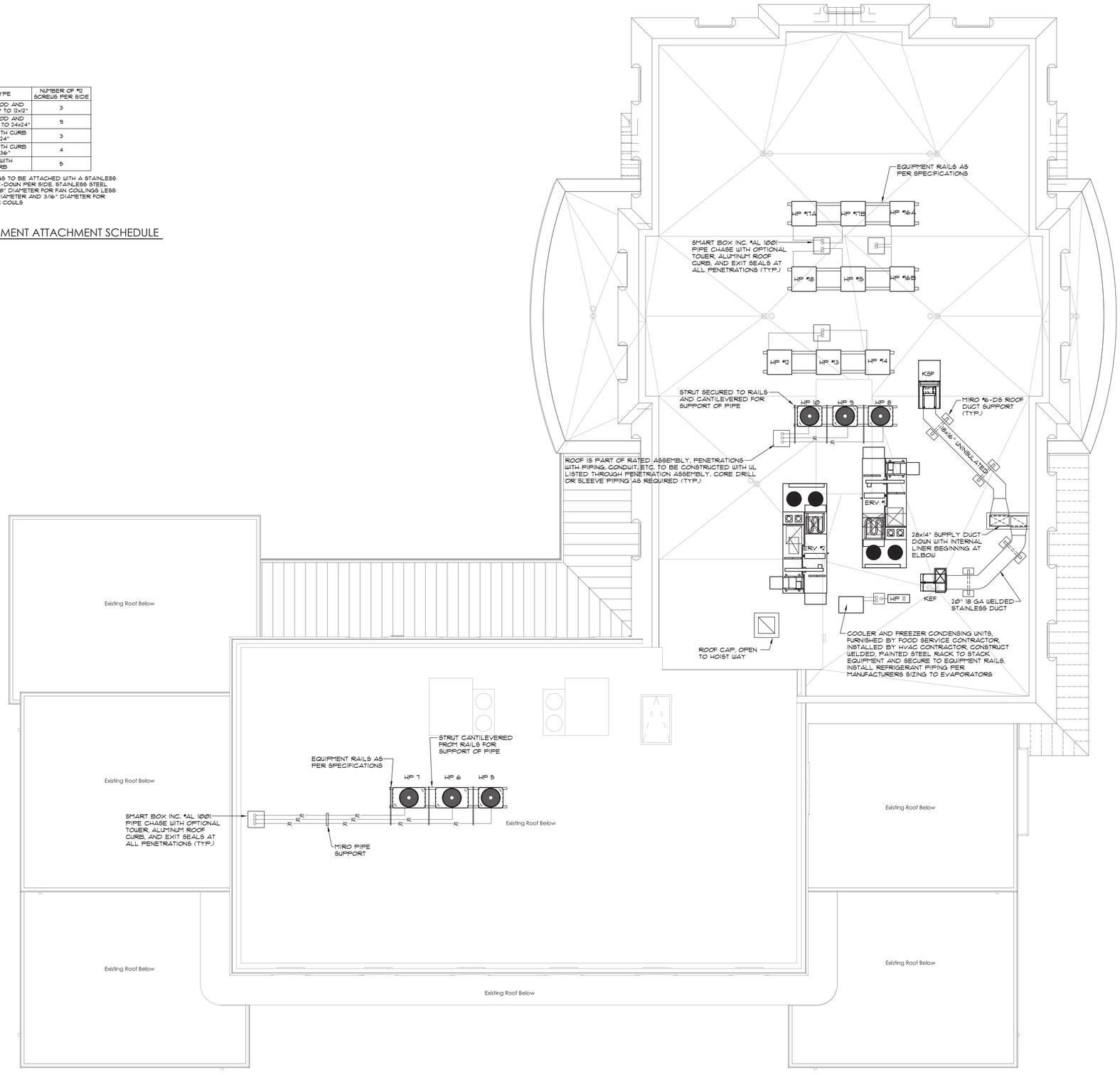
4th Floor Alt. HVAC Plan

SHEET NUMBER M2.4A

EQUIPMENT TYPE	NUMBER OF #2 SCREWS PER SIDE
RELIEF AIR HOOD AND GOOSE NECK UP TO 12x12"	3
RELIEF AIR HOOD AND GOOSE NECK UP TO 24x24"	3
EXHAUST FAN WITH CURB UP TO 24x24"	3
EXHAUST FAN WITH CURB UP TO 36x36"	4
HVAC UNIT WITH ROOF CURB	5

ALL FAN COULINGS TO BE ATTACHED WITH A STAINLESS STEEL CABLE TIE-DOUN PER SIDE. STAINLESS STEEL CABLES TO BE 1/8" DIAMETER FOR FAN COULINGS LESS THAN 4 FEET IN DIAMETER AND 3/16" DIAMETER FOR ALL LARGER FAN COILS

2 M2.5 ROOF EQUIPMENT ATTACHMENT SCHEDULE



1 M2.5 NEW - ROOF HVAC PLAN 3/16" = 1'-0"

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Roof HVAC Plan

SHEET NUMBER M2.5



1 M3.1 NEW - 2ND FLOOR HVAC PIPING PLAN
3/16" = 1'-0"

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1-16-2013 #224

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2nd Floor HVAC Piping Plan

SHEET NUMBER M3.1



1 M3.2 NEW - 3RD FLOOR HVAC PIPING PLAN
3/16" = 1'-0"

STATE OF ALABAMA REGISTERED NO. PROFESSIONAL ENGINEER FRANK STOCKS
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Interior Renovations and Addition for:

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UA Project Number: 910-12-024
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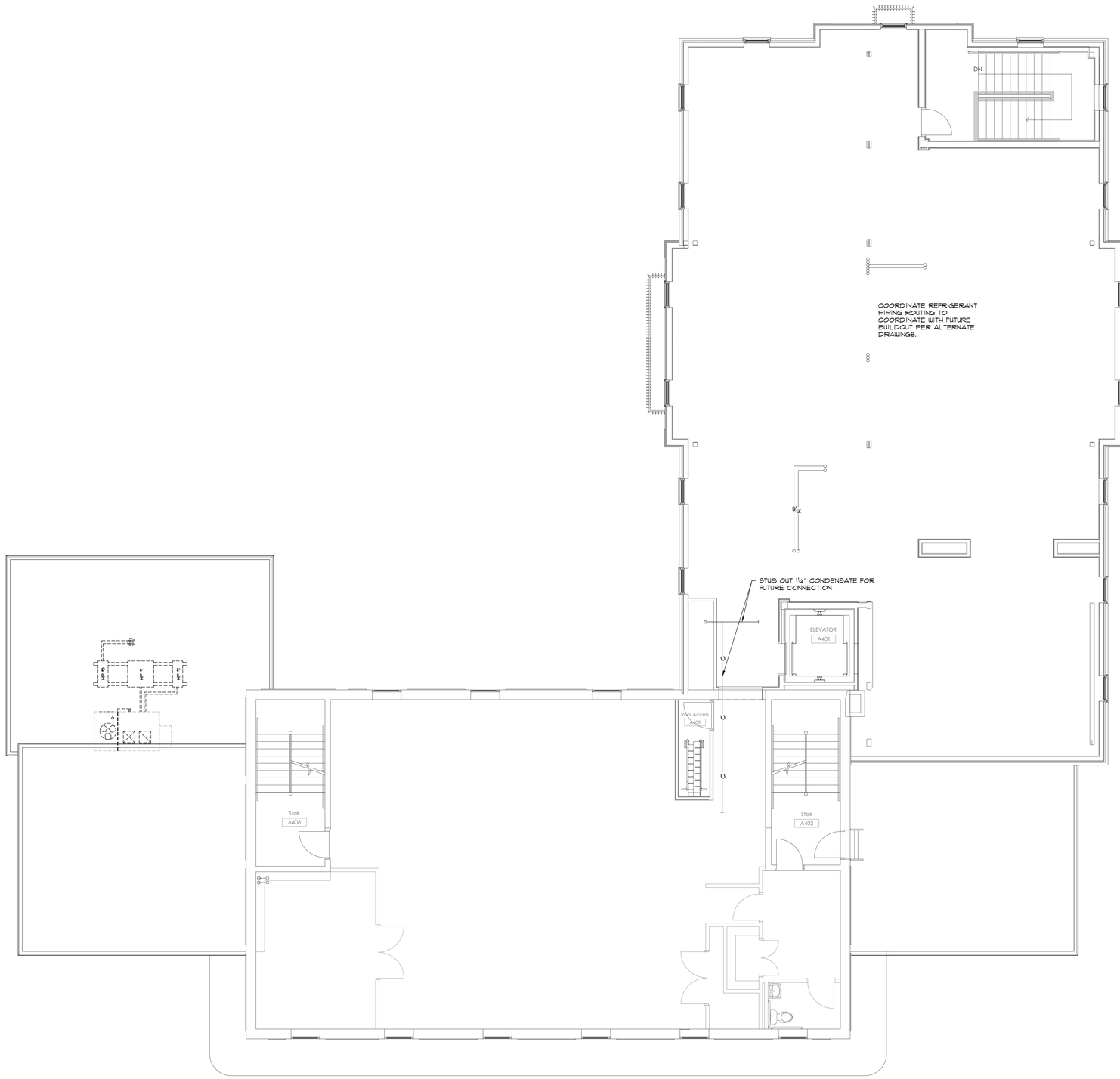
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3rd Floor HVAC Piping Plan

SHEET NUMBER M3.2



1 M3.3 NEW - 4TH FLOOR HVAC PIPING PLAN
3/16" = 1'-0"

STATE OF ALABAMA REGISTERED PROFESSIONAL ENGINEER FRANK STOCKS NO. 24224
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Chi Omega

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UA Project Number: 910-12-024
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4th Floor HVAC Piping Plan

SHEET NUMBER M3.3



1 M3.3A NEW - 4TH FLOOR HVAC PIPING PLAN
3/16" = 1'-0"

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Chi Omega

The University of Alabama Campus
UA Project Number: 910-12-024
Tuscaloosa, Alabama

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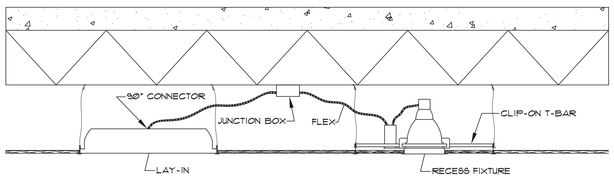
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4th Floor HVAC Piping Plan

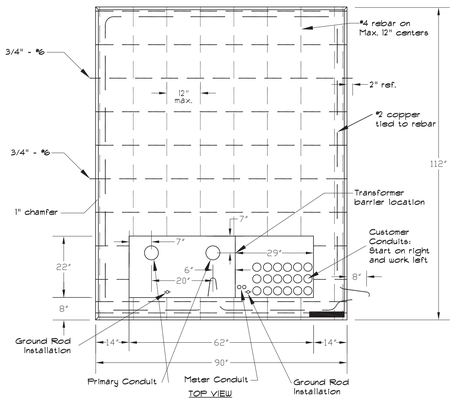
SHEET NUMBER M3.3A



NOTES:

- EACH INDIVIDUAL FIXTURE IN AN ACCESSIBLE CEILING SHALL BE WIRED FROM A JUNCTION BOX SECURED TO STRUCTURE ABOVE CEILING AS SHOWN.
- RECESSED FIXTURES IN CONTINUOUS ROWS SHALL NOT BE THROUGH WIRED.
- NO MORE THAN TWO FIXTURES MAY BE WIRED TO A COMMON JUNCTION BOX.
- FIXTURE "WHIPS" SHALL BE ⅜" MINIMUM TRADE SIZE, FLEXIBLE METALLIC CONDUIT NOT GREATER THAN 6'-0" IN LENGTH. WHIP CONDUCTORS SHALL BE #12 AWG MINIMUM WITH EQUIPMENT GROUNDING CONDUCTOR BONDED TO JUNCTION BOX AND FIXTURE BODY WITH BONDING SCREWS.
- LAY-IN LIGHT FIXTURE SHALL BE SUPPORTED AT ALL FOUR CORNERS OF CEILING GRID.
- RECESS FIXTURES SHALL BE SUPPORTED BY CLIP-ON T-BAR SUPPORTS. CEILING GRID TO BE SUPPORTED AT ALL FOUR CORNERS WHERE FIXTURE IS MOUNTED.
- LIGHT FIXTURES IN RATED CEILINGS SHALL BE PROTECTED AS REQUIRED TO MAINTAIN UL RATING

6 RECESSED FIXTURE IN ACCESSIBLE CEILING DETAIL
E0.1 Not to Scale



NOTES:

1. MAINTAIN 2" OF CLEAR CONCRETE BETWEEN REBAR AND ALL OUTER SURFACES.
2. PRIMARY DUCT SHALL EXTEND BEYOND EDGE OF PAD IN THE DIRECTION OF THE INCOMING PRIMARY CABLES.
3. THE PAD SHALL HAVE A MINIMUM CLEARANCE OF TEN FEET FROM ALL BUILDINGS TO PROVIDE SUFFICIENT COOLING. A MINIMUM CLEARANCE OF THREE FEET SHALL BE MAINTAINED FROM ALL OBSTRUCTIONS.
4. REINFORCE WITH NO. 4 REBAR WITH A 12"x 12" GRID, 4 INCHES BELOW TOP OF PAD EXCEPT AS SHOWN ABOVE.
5. CONCRETE SHALL HAVE A MINIMUM ULTIMATE 28 DAY COMPRESSIVE STRENGTH OF NOT LESS THAN 3,000 POUNDS, PAD SHALL BE CURED NOT LESS THAN 72 HOURS.
6. AVERAGE WEIGHT OF PAD IS 5,800 POUNDS.
7. MOUNTING SURFACE SHALL BE LEVEL, SMOOTH AND UNIFORM WITH MINIMAL IRREGULARITIES.
8. DIMENSIONS ARE FOR ESTIMATING PURPOSES ONLY, ADJUST FOR ACTUAL EQUIPMENT.

7 TRANSFORMER PAD DETAIL
E0.1 Not to Scale

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The University of Alabama Campus
UA Project Number: 910-12-2024
Tuscaloosa, Alabama

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SYMBOLS, RISER & DETAILS

SHEET NUMBER E0.1

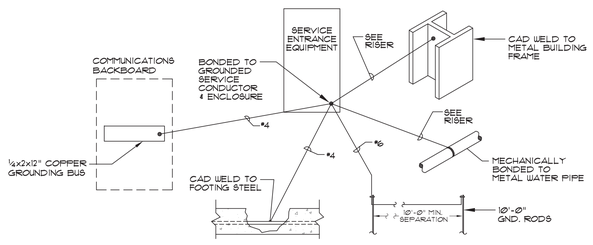
ABBREVIATIONS: W.P.-WEATHERPROOF, C.B.B.-COMMUNICATIONS BACK BOARD, AFF-ABOVE FINISHED FLOOR, N.E.C.-NATIONAL ELECTRICAL CODE

- CEILING OUTLET, FIXTURE TYPE "A", CIRCUIT #1 (TYPICAL)
- CEILING OUTLET, RECESSED IN CEILING
- WALL OUTLET, BRACKET FIXTURE
- MODULAR FLUORESCENT FIXTURE, RECESS MOUNTED IN CEILING
- CEILING OUTLET, FLOURESCENT FIXTURE, SURFACE OR STEM MOUNTED
- CEILING OUTLET, EMERGENCY LIGHTING REMOTE TEST SWITCH
- EXISTING CEILING OUTLET TO BE REMOVED. DOWNSTREAM OUTLETS STAY ACTIVE.
- EXISTING WALL OUTLET TO BE REMOVED, PATCH WALL TO MATCH EXISTING. DOWNSTREAM OUTLETS STAY ACTIVE
- WALL OUTLET, CENTERLINE 18" AFF, ¾" CND. STUBBED ABV. CEILING LEVEL, FOR FUTURE DEVICE.
- WALL OUTLET, 20A DUPLEX RECEPTACLE, CENTERLINE 18" AFF
- WALL OUTLET, 20A GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE, CENTERLINE 18" AFF
- WALL OUTLET, 20A SPLIT-WIRED DUPLEX RECEPTACLE, CENTERLINE 18" AFF, LOWER RECEPTACLE SWITCHED WITH LABEL 'APPLIED TO PLATE 'SWITCHED'
- CEILING OUTLET, 20A DUPLEX RECEPTACLE.
- 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, 120/240V, DRYER RECEPTACLE, NEMA 14-30 CENTERLINE 34" AFF
- WALL OUTLET, 2-GANG, DUPLEX RECEPTACLE AND CLOSET LIGHT CONTROLLER. FUNCTIONAL DEVICES "LCLCI06 WITH NORMALLY OPEN SWITCH.
- MULTI-SERVICE FLOOR OUTLET, DUPLEX RECEPTACLE, WIREMOLD #RC1ATGAL
- PLUG MOLD, WIREMOLD 2000 SERIES, OUTLETS 12" O.C., GBA WIRING, 48" AFF.
- SURFACE PERIMETER RACEWAY SYSTEM, WIREMOLD 5000 SERIES, "5207C-2RT DEEP DEVICE PLATE SHOWN WITH DUPLEX RECEPTACLE. FURNISH ALL COMPONENTS NECESSARY FOR A COMPLETE INSTALLATION, INCLUDING BASE, COVER, QUARTER ROUND TRIM, COUPLINGS, ENTRANCE FITTING, CAPS, ELBOWS, DEVICE BRACKETS, LV BLANKS, ETC.
- WALL OUTLET , RECESSED STEEL TV BOX, ARLINGTON #TVBS613 W/ VOLTAGE SEPARATORS & TRIM PLATE, (2) 20A DUPLEX RECEPTACLES, COMMUNICATIONS PROVISIONS SAME AS WALL COMMUNICATIONS OUTLET, ¾" CONDUIT STUBBED OUT AS NOTED ON AUXILIARY PLANS FROM 2 SPARE LOW VOLTAGE COMPARTMENTS.
- WALL COMMUNICATIONS OUTLET, 18" AFF, ¾" CONDUIT STUBBED OUT ABOVE FIRST FLOOR ACCESSIBLE CEILING. 'D' SUFFIX INDICATES CAT 6 JACK WITH CAT 6 CABLE TO TELECOM RACK. 'C' SUFFIX INDICATES 'F' CONNECTOR WITH RG6 CABLE TO BACKBOARD IN DATA A211. 'T' SUFFIX INDICATES RJ11 JACK AND CABLE TO TELECOM RACK. INSTALL BLANK PLATE, COLOR SAME AS ADJACENT RECEPTACLE.
- WALL COMMUNICATIONS OUTLET, HEIGHT SAME AS ADJACENT RECEPTACLE OR AS NOTED. CONDUIT, CABLING, JACKS SAME AS WALL COMMUNICATIONS OUTLET.
- FLUSH CEILING COMMUNICATIONS OUTLET, FUTURE WIFI ACCESS POINT. CONDUIT, CABLING, JACKS SAME AS WALL COMMUNICATIONS OUTLET.
- WALL OUTLET, SWITCH, SINGLE POLE, 46" AFF OR SPECIAL HEIGHT AS NOTED
- WALL OUTLET, ELECTRONIC TIMER SWITCH, 46" AFF. LEVITON #6212-H
- WALL OUTLET DIGITAL WALL SWITCH, 46"AFF, ½" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. SUBSCRIPT INDICATES WATTSTOPPER NO. AS FOLLOWS: 1-LMSW-101 ONE BUTTON, 2-LMSW-102 TWO BUTTON, 3-LMSW-103 THREE BUTTON, 4-LMSW-104 FOUR BUTTON, D-LMDM-101 DIMMER, S-LMSW-105 SCENE SELECTOR.
- WALL OUTLET, VACANCY SENSOR, WATTSTOPPER #PW-100, 46" AFF. PROGRAM FOR MANUAL 'ON'
- CEILING OUTLET, PEDESTAL MOUNT DIGITAL OCCUPANCY SENSOR. SUBSCRIPT INDICATES WATTSTOPPER NO. AS FOLLOWS: NO SUBSCRIPT -LMPX-100 HIGH DENSITY, L-LMPX-100-1 LONG RANGE, A1-LMPX-100 ONE WAY AISLE, A2-LMPX-100-3 TWO WAY AISLE, 2-LMDX-100 DUAL TECHNOLOGY
- CEILING OUTLET, FLUSH MOUNT DIGITAL OCCUPANCY SENSOR. SUBSCRIPT INDICATES WATTSTOPPER NO. AS FOLLOWS: NO SUBSCRIPT-LMPC-100-1 HIGH DENSITY, L-LMPC-100 LONG RANGE, S-LMUC-100-2 ULTRA SONIC, 2-LMDC-100 DUAL TECHNOLOGY.
- WALL OUTLET, PEDESTAL MOUNT DIGITAL OCCUPANCY SENSOR, 10'-0" AFF. SUBSCRIPT INDICATES WATTSTOPPER NO. AS FOLLOWS: NO SUBSCRIPT -LMPX-100 HIGH DENSITY, L-LMPX-100-1 LONG RANGE, A1-LMPX-100 ONE WAY AISLE, A2-LMPX-100-3 TWO WAY AISLE, 2-LMDX-100 DUAL TECHNOLOGY
- LOCAL TOGGLE EQUIPMENT DISCONNECT SWITCH, 20A DEVICE (OR AS NOTED). LOCATIONS W/CONCEALED CONDUIT TO BE FLUSH 2 GANG OUTLET W/S.S. PLATE, OTHER LOCATIONS TO BE 4x4" J-BOX W/ RAISED DEVICE COVER. LOCATE TO COMPLY WITH NEC AND LOCAL AUTHORITIES.
- CORD AND PLUG FURNISHED WITH LIGHT FIXTURE.
- PANELBOARD
- NON-FUSED DISCONNECT SWITCH, TYPE HD
- CONNECTION TO FRACTIONAL H.P. MOTOR
- CEILING J-BOX
- WALL J-BOX
- DIGITAL ROOM CONTROLLER MOUNTED TO J-BOX. SUBSCRIPT INDICATES WATTSTOPPER NO. AS FOLLOWS: NO SUBSCRIPT: LMRC-101 SINGLE RELAY, 2: LMRC-102 DUAL RELAY, D: LMRC-211 SINGLE RELAY DIMMING, D2: LMRC-212 DUAL RELAY DIMMING, D3: LMRC-213 TRIPPLE RELAY DIMMING, P: LMPL-101 PLUG LOAD, U: LMRC-221 UNIVERSAL SINGLE RELAY, U2: LMRC-222, DUAL RELAY. INSTALL CEILING MARKER WHERE LOCATED ABOVE LAY-IN CEILING.
- CONNECTION TO COILING SHUTTER
- CEILING PROJECTOR LIFT, FURNISHED BY OTHERS, INSTALLED BY ELECTRICAL CONTRACTOR.
- MOTORIZED CEILING PROJECTION SCREEN, FURNISHED BY OTHERS, INSTALLED BY ELECTRICAL CONTRACTOR
- WALL OUTLET, PHOTOCELL, TORK #2101
- WALL OUTLET FOR CONTROL, 48" AFF, VERIFY EXACT LOCATION AND SIZE W/H.V.A.C. CONTRACTOR. STUB ¾" CONDUIT ABV. CEILING
- DOOR SWITCH FURNISHED WITH EQUIPMENT, INSTALLED BY ELECTRICAL CONTRACTOR
- KITCHEN EQUIPMENT RECEPTACLE, SEE SCHEDULE FOR TYPE.
- WALL OUTLET, MUSHROOM BUTTON, NAMEPLATE "BOILER SHUTOFF" A-B #BR6A MOUNTED IN #8004-1HZ SURFACE ENCLOSURE
- WALL OUTLET FOR CONTROL, 46"AFF, FURNISHED BY OTHERS, INSTALLED BY ELECTRICAL CONTRACTOR.
- HOME RUN 2#12-½" C. 3#12-½"C. ETC. AS PER N.E.C. EQUIPMENT GROUNDING CONDUCTOR TO BE PULLED IN ALL RACEWAYS IS NOT INDICATED BY A SLASH MARK
- BRANCH CIRCUIT CONCEALED IN WALL OR CEILING
- LOW VOLTAGE CABLE, OCCUPANCY SYSTEM LIGHTING CONTROL, SEE WIRING DIAGRAM
- BRANCH CIRCUIT CONCEALED IN OR UNDER FLOOR, SEE SPECIFICATIONS FOR CIRCUIT TYPE
- FLEXIBLE CONDUIT CONNECTION, SEAL-TITE ON EXTERIOR

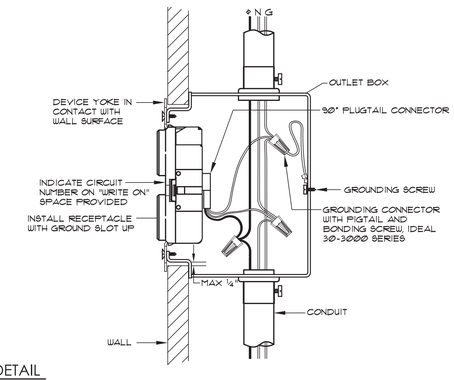
NOTE: DEVICE COLOR TO BE AS PER ARCHITECT.

1 ELECTRICAL SYMBOLS
E0.1 No Scale

4 SWITCHBOARD MP ELEVATION
E0.1 Not to Scale



2 GROUNDING DIAGRAM
E0.1 Not to Scale



5 RECEPTACLE INSTALLATION DETAIL
E0.1 Not to Scale

SYMBOL	MANUFACTURER	CATALOG NUMBER	LAMP QTY.	LAMP TYPE	LAMP WATTS	MOUNTING	REMARKS
A	TEXAS FLUORESCENTS	TOA232MV	2	T8	32	SURFACE WALL	
B1	DAY-O-LITE	NAS-PI-2T8-14-G-U-UNV-TCU-FRGS	2	T8	32	RECESS CEILING	5
B1E	DAY-O-LITE	NAS-PI-2T8-14-G-U-UNV-TCU-FRGS-EPC	2	T8	32	RECESS CEILING	3, 5
C	INDY	L4-15-35-1/L400HU-CQ-UH-HB2B	---	LED	23	RECESS CEILING	
CE	INDY	L4-15-35-1-BR/L400HU-CQ-UH-HB2B	---	LED	23	RECESS CEILING	2, 6
CF	PRESCOLITE	FT6CF/T0955	1	TRIPLE	32	RECESS CEILING	
CH	INDY	L4-28-35-1/L400HU-CQ-UH-HB2B	---	LED	46	RECESS CEILING	2, 3, 6
CHE	INDY	L4-28-35-1-BR/L400HU-CQ-UH-HB2B	---	LED	46	RECESS CEILING	2, 6
CS	INDY	SD4-11-35-5AQF-3-FF-WL-B2B	---	LED	18	RECESS CEILING	2
E	MULE	S8L-W	---	LED	---	SURFACE WALL	2
FUE	ACCULITE	LW2-40L-4K-E1-WT-EX	---	LED	42	SURFACE WALL 10'-0" AFF	1, 2, 3
G4E	CGF DESIGN	YU-48-WM-LED(40)-120-WHT-CT4-LEC6-SU	---	LED	42	SURFACE WALL 8'-0" AFF	2
H	HUNTER	23827	---	---	---	CEILING PENDANT	
H2	HUNTER	21318	---	---	---	CEILING PENDANT	
K3	TEXAS FLUORESCENTS	2@1-A-225-FMV	2	T8	25	SURFACE WALL 7'-6" AFF	
K4	TEXAS FLUORESCENTS	2@1-A-332-FMV	2	T8	32	SURFACE WALL 7'-6" AFF	
L2	TEXAS FLUORESCENTS	1S1-A1@5-232-FMV-RA	2	T8	32	RECESS CEILING	
L2E	TEXAS FLUORESCENTS	1S1-A1@5-232-FMV-RA-EM	2	T8	32	RECESS CEILING	3
L3	TEXAS FLUORESCENTS	1S1-A1@5-332-FMV-RA	3	T8	32	RECESS CEILING	
L3E	TEXAS FLUORESCENTS	1S1-A1@5-332-FMV-RA	3	T8	32	RECESS CEILING	3
N8	FOCAL POINT	FEVS-**-2T8-2C-120-S-J24-T8-8	4	T8	32	CEILING SUSPENDED BOT @ 8'-0" AFF	7
N12	FOCAL POINT	FEVS-**-2T8-2C-120-S-J24-T8-12	6	T8	32	CEILING SUSPENDED BOT @ 8'-0" AFF	7
N12E	FOCAL POINT	FEVS-**-2T8-2C-120-S-J24-T8-12-EM	6	T8	32	CEILING SUSPENDED BOT @ 8'-0" AFF	7, 8
N24E	FOCAL POINT	FEVS-**-2T8-2C-120-D-J24-T8-24-EM	12	T8	32	CEILING SUSPENDED BOT @ 8'-0" AFF	6, 7, 8
N36	FOCAL POINT	FEVS-**-2T8-2C-120-D-J24-T8-36	18	T8	32	CEILING SUSPENDED BOT @ 8'-0" AFF	6, 7, 8
N36E	FOCAL POINT	FEVS-**-2T8-2C-120-D-J24-T8-36-EM	18	T8	32	CEILING SUSPENDED BOT @ 8'-0" AFF	6, 7, 8
P		#1200 ALLOWANCE				CEILING CHAIN	
R	WAC LIGHTING	BA-BF-21-BB/BA-BF-PC6	1	T5	21	SURFACE CLOSET	9
S		#200 ALLOWANCE				SURFACE WALL	
T		#500 ALLOWANCE				SURFACE WALL	
V2	KICHLER	5@53NI	3	6PIRAL	26	SURFACE WALL	
V4	KICHLER	5@28NI	3	6PIRAL	26	SURFACE WALL	
VM	ASTRO LIGHTING	@242	2	E14	40	SURFACE WALL	
VU	HAMPSTEAD LTG	19345	1	E26	100	SURFACE WALL	
W4	TEXAS FLUORESCENTS	2@0-A-232-FMV	2	T8	32	SURFACE CEILING	
W4E	TEXAS FLUORESCENTS	2@0-A-232-FMV-EM	2	T8	32	SURFACE CEILING	3
W8	TEXAS FLUORESCENTS	2@0-A-232-8-FMV	4	T8	32	SURFACE CEILING	
W8E	TEXAS FLUORESCENTS	2@0-A-232-8-FMV-EM	4	T8	32	SURFACE CEILING	3
X	MULE	EGX-1-20-**-R	---	---	---	SURFACE WALL	1
XC	MULE	CEL-**-B-RW-***-U-SD	---	LED	---	SURFACE CEILING	1, 2, 4
XW	MULE	CEL-**-B-RW-***-U-SD	---	LED	---	SURFACE WALL	1, 2, 4
XA	MULE	CEL-**-B-RW-**-U-"AREA OF REFUGE"	---	LED	---	SURFACE WALL	1, 2, 4
XAC	MULE	CEL-**-B-RW-**-U-"AREA OF REFUGE"	---	LED	---	SURFACE CEILING	1, 2, 4
YE	DESIGN PLAN	VIM-L-1Q-1-EW-1-C-X-1	---	LED	---	SURFACE CEILING	2, 3, 10

REMARKS:

1. FINISH AS SELECTED BY ARCHITECT.
2. LAMP(S) FURNISHED WITH FIXTURE.
3. 6000 LUMEN EMERGENCY BALLAST.
4. FACES AND ARROWS AS PER PLAN.
5. DUAL SWITCHING.
6. 0-10V DIMMING.
7. SHIELDING AS PER ARCHITECT.
8. TWO 1000 LUMEN BATTERY PACKS REQUIRED. EMERGENCY LAMPS TO BE 4' FROM EACH END.
9. CORD AND PLUG CONNECTED.
10. DRILL 4 TAP (½") SIDE OF HOUSEING AND MOUNT LEVITON #OSFHU-ITW OCC/LT SENSOR WITH LOW BAY LENS.

3 FIXTURE SCHEDULE
E0.1 No Scale

PANEL 'LP-BA'					
DESCRIPTION: 120/208V, 3ø, 4W, 100A, MLO, BOTTOM, SURFACE, 35K AIC, 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	STAIR LIGHTING
RECEPTACLES	7	20/1	20/1	8	RECEPTACLES
RECEPTACLES	9	20/1	20/1	10	RECEPTACLES-WASHER
RECEPTACLES	11	20/1	20/1	12	RECEPTACLES-WASHER
RECEPTACLES	13	20/1	20/1	14	RECEPTACLES
RECEPTACLES-WATER COOLER	15	20/1	20/1	16	RECEPTACLES
ELEV. PIT SUMP PUMP	17	20/1	20/1	18	RECEPTACLES
RECEPTACLES	19	20/1	20/1	20	ELEV. CAR LOADS
RECEPTACLES	21	20/1	20/1	22	ELEV. EQUIP RM RECEPT.
RECEPTACLES	23	20/1	20/1	24	ELEV. PIT LTG & RECEPT.
STORM SUMP PUMP	25	20/1	20/1	26	PROJECTOR & SCREEN
BOILER	27	20/1	20/1	28	FAP
RECEPTACLE-A/V RACK	29	20/1	S.T.	30	
RECEPTACLE-A/V RACK	31	20/1	20/1	32	SPARE
SPARE	33	20/1		34	30/1 PROVISION
30/1 PROVISION	35			36	30/1 PROVISION
30/1 PROVISION	37			38	30/1 PROVISION
30/1 PROVISION	39		15/2	40	ELEVATOR FAN COIL UNIT
30/1 PROVISION	41			42	

8 E0.2 PANEL 'LP-BA' SCHEDULE
No Scale

PANEL 'LP-1B'					
DESCRIPTION: 120/208V, 1ø, 3W, 225A, MLO, BOTTOM, FLUSH, 10K AIC, THROUGH-FEED LUGS, 120KA INTEGRAL SPD					
CIRCUIT DESCRIPTION	NO.	BRKR.	BRKR.	NO.	CIRCUIT DESCRIPTION
LIGHTING	1	20/1	20/1	2	EXTERIOR LIGHTING
LIGHTING	3	20/1	20/1	4	LIGHTING
RECEPTACLES	5	20/1	20/1	6	RECEPTACLES
FOUNTAIN	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
SPARE	17	20/1	20/1	18	PROJECTOR & SCREEN
SPARE	19	20/1	20/1	20	LIGHTING
SPARE	21	20/1	20/1	22	EXTERIOR LIGHTING
30/1 PROVISION	23			24	30/1 PROVISION
30/1 PROVISION	25			26	30/1 PROVISION
30/1 PROVISION	27		30/2	28	DRYER
30/1 PROVISION	29			30	

9 E0.2 PANEL 'LP-1B' SCHEDULE
No Scale

PANEL 'LP-2C'					
DESCRIPTION: 120/208V, 3ø, 4W, 225A, MLO, BOTTOM, SURFACE, 10K AIC, THROUGH-FEED LUGS, 120KA INTEGRAL SPD					
CIRCUIT DESCRIPTION	NO.	BRKR.	BRKR.	NO.	CIRCUIT DESCRIPTION
LIGHTING	1	20/1	20/1	2	SPARE
LIGHTING	3	20/1	20/1	4	SPARE
LIGHTING	5	20/1	20/1	6	SPARE
RECEPTACLES	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-IRON
RECEPTACLES	15	20/1	20/1	16	RECEPTACLES-WASHER
RECEPTACLES	17	20/1	20/1	18	RECEPTACLES-WASHER
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	SPARE
RECEPTACLES-FRIG	27	20/1	20/1	28	SPARE
SPARE	29	20/1	20/1	30	SPARE
30/1 PROVISION	31		30/2	32	DRYER
30/1 PROVISION	33			34	
30/1 PROVISION	35		30/2	36	DRYER
30/1 PROVISION	37			38	
30/1 PROVISION	39		20/2	40	FAN COIL UNITS
30/1 PROVISION	41			42	

10 E0.2 PANEL 'LP-2C' SCHEDULE
No Scale

PANEL 'LP-4A'					
DESCRIPTION: 120/208, 3ø, 4W, 250A, MLO, BOTTOM, SURFACE, 10K AIC, 120 KA INTEGRAL SPD, SINGLE SECTION					
CIRCUIT DESCRIPTION	NO.	BRKR.	BRKR.	NO.	CIRCUIT DESCRIPTION
SPARE (LIGHTING)	1	20/1	20/1	2	SPARE (RECEPTACLES)
SPARE (LIGHTING)	3	20/1	20/1	4	SPARE (RECEPTACLES)
SPARE	5	20/1	20/1	6	SPARE (RECEPTACLES)
SPARE (RECEPTACLES)	7	20/1	20/1	8	SPARE (RECEPTACLES-WASHER)
SPARE (RECEPTACLES)	9	20/1	20/1	10	SPARE (RECEPTACLES-WASHER)
SPARE (RECEPTACLES)	11	20/1	20/1	12	SPARE (RECEPTACLES-IRON)
SPARE (RECEPTACLES)	13	20/1	20/1	14	SPARE (RECEPTACLES)
SPARE (RECEPTACLES)	15	20/1	20/1	16	SPARE (RECEPTACLES)
SPARE (RECEPTACLES)	17	20/1	20/1	18	SPARE (RECEPTACLES-FRIG)
SPARE	19	20/1	20/1	20	SPARE (RECEPTACLES)
SPARE	21	20/1	20/1	22	SPARE (RECEPTACLES)
SPARE	23	20/1	20/1	24	SPARE (RECEPTACLES)
30/1 PROVISION	25		20/1	26	SPARE (RECEPTACLES)
30/1 PROVISION	27			28	30/1 PROVISION
30/1 PROVISION	29			30	30/1 PROVISION
SPARE (DRYER)	31	30/2		32	30/1 PROVISION
	33		60/2	34	EXISTING 'LP-4' (SPARE)
SPARE (DRYER)	35	30/2		36	
	37			38	
SPARE (FAN COIL UNITS)	39	20/2	30/3	40	HP #1
	41			42	
HP #4	43	30/3	30/3	44	HP #5
	45			46	
	47			48	
HP #6	49	40/3	40/3	50	SPARE (HP #7)
	51			52	
	53			54	

**TEXT IN PARENTHESIS IS ALTERNATE

11 E0.2 PANEL 'LP-4A' SCHEDULE
No Scale

PANEL 'LP-3C'					
DESCRIPTION: 120/208V, 3ø, 4W, 225A, MLO, BOTTOM, SURFACE, 10K AIC, THROUGH-FEED LUGS, 120KA INTEGRAL SPD					
CIRCUIT DESCRIPTION	NO.	BRKR.	BRKR.	NO.	CIRCUIT DESCRIPTION
LIGHTING	1	20/1	20/1	2	SPARE
LIGHTING	3	20/1	20/1	4	SPARE
LIGHTING	5	20/1	20/1	6	SPARE
RECEPTACLES	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-IRON
RECEPTACLES	15	20/1	20/1	16	RECEPTACLES-WASHER
RECEPTACLES	17	20/1	20/1	18	RECEPTACLES-WASHER
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	SPARE
RECEPTACLES-FRIG	27	20/1	20/1	28	SPARE
SPARE	29	20/1	20/1	30	SPARE
30/1 PROVISION	31		30/2	32	DRYER
30/1 PROVISION	33			34	
30/1 PROVISION	35		30/2	36	DRYER
30/1 PROVISION	37			38	
30/1 PROVISION	39		20/2	40	FAN COIL UNITS
30/1 PROVISION	41			42	

5 E0.2 PANEL 'LP-3C' SCHEDULE
No Scale

PANEL 'LP-4C'					
DESCRIPTION: 120/208V, 3ø, 4W, 225A, MLO, BOTTOM, SURFACE, 10K AIC, 120KA INTEGRAL SPD					
CIRCUIT DESCRIPTION	NO.	BRKR.	BRKR.	NO.	CIRCUIT DESCRIPTION
LIGHTING	1	20/1	20/1	2	ELEVATOR SMOKE DAMPER
SPARE (LIGHTING)	3	20/1	20/1	4	SPARE
SPARE (LIGHTING)	5	20/1	20/1	6	SPARE
SPARE (RECEPTACLES)	7	20/1	20/1	8	SPARE (RECEPTACLES)
SPARE (RECEPTACLES)	9	20/1	20/1	10	SPARE (RECEPTACLES)
SPARE (RECEPTACLES)	11	20/1	20/1	12	SPARE (RECEPTACLES)
SPARE (RECEPTACLES)	13	20/1	20/1	14	SPARE
SPARE (RECEPTACLES)	15	20/1	20/1	16	SPARE
SPARE (RECEPTACLES)	17	20/1	20/1	18	SPARE
SPARE (RECEPTACLES)	19	20/1	20/1	20	SPARE (RECEPTACLES)
SPARE (RECEPTACLES)	21	20/1	20/1	22	SPARE (RECEPTACLES)
SPARE (RECEPTACLES)	23	20/1	20/1	24	SPARE (RECEPTACLES)
RECEPTACLES	25	20/1		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		20/2	40	SPARE (FAN COIL UNITS)
30/1 PROVISION	41			42	

**TEXT IN PARENTHESIS IS ALTERNATE

6 E0.2 PANEL 'LP-4C' SCHEDULE
No Scale

PANEL 'PP-R'					
DESCRIPTION: 120/208V, 3ø, 4W, 250A, MLO, BOTTOM, NEMA 3R, 120KA INTEGRAL SPD					
CIRCUIT DESCRIPTION	NO.	BRKR.	BRKR.	NO.	CIRCUIT DESCRIPTION
HP #1	1	15/2	20/1	2	SERVICE RECEPTACLE
	3			4	30/1 PROVISION
HP #2	5	20/2		6	30/1 PROVISION
	7			8	30/1 PROVISION
HP #3	9	15/2		10	30/1 PROVISION
	11			12	30/1 PROVISION
HP #8	13	30/3	30/3	14	HP #3
	15			16	
	17			18	
HP #10	19	30/3	40/3	20	HP #4
	21			22	
	23			24	
HP #15	25	35/3	40/3	26	HP #6A
	27			28	
	29			30	
HP #17A	31	40/3	40/3	32	HP #6B
	33			34	
	35			36	
HP #17B	37	40/3	35/3	38	HP #8
	39			40	
	41			42	

7 E0.2 PANEL 'PP-R' SCHEDULE
No Scale

PANEL 'MP'			
DESCRIPTION: 120/208V, 3ø, 4W, 1600A, MAIN BRKR, 35K AIC, 250KA INTEGRAL SPD, SE LABEL			
CIRCUIT DESCRIPTION	BRKR.	BRKR.	CIRCUIT DESCRIPTION
BUS SPACE FOR 400/3			BLANK
PP-K	250/3	250/3	PP-R
LP-4A	250/3	225/3	LP-2C/3C/4C
225/3 PROVISION			225/3 PROVISION
ERV #2	70/3	50/3	AHU #16
ELEVATOR	200/3 S.T.	110/3	ERV #1
LP-BA	100/3	50/3	AHU #17
DRYER	30/2	30/2	DRYER
AHU #1	60/2	40/2	SEWER PUMP
AHU #12	25/2	60/2	AHU #15
AHU #18	60/2	25/2	AHU #13
DRYER	30/2	60/2	AHU #14
LP-2B/3B	200/2		200/2 PROVISION
LP-1B/1A	200/2	200/2	LP-2A/3A

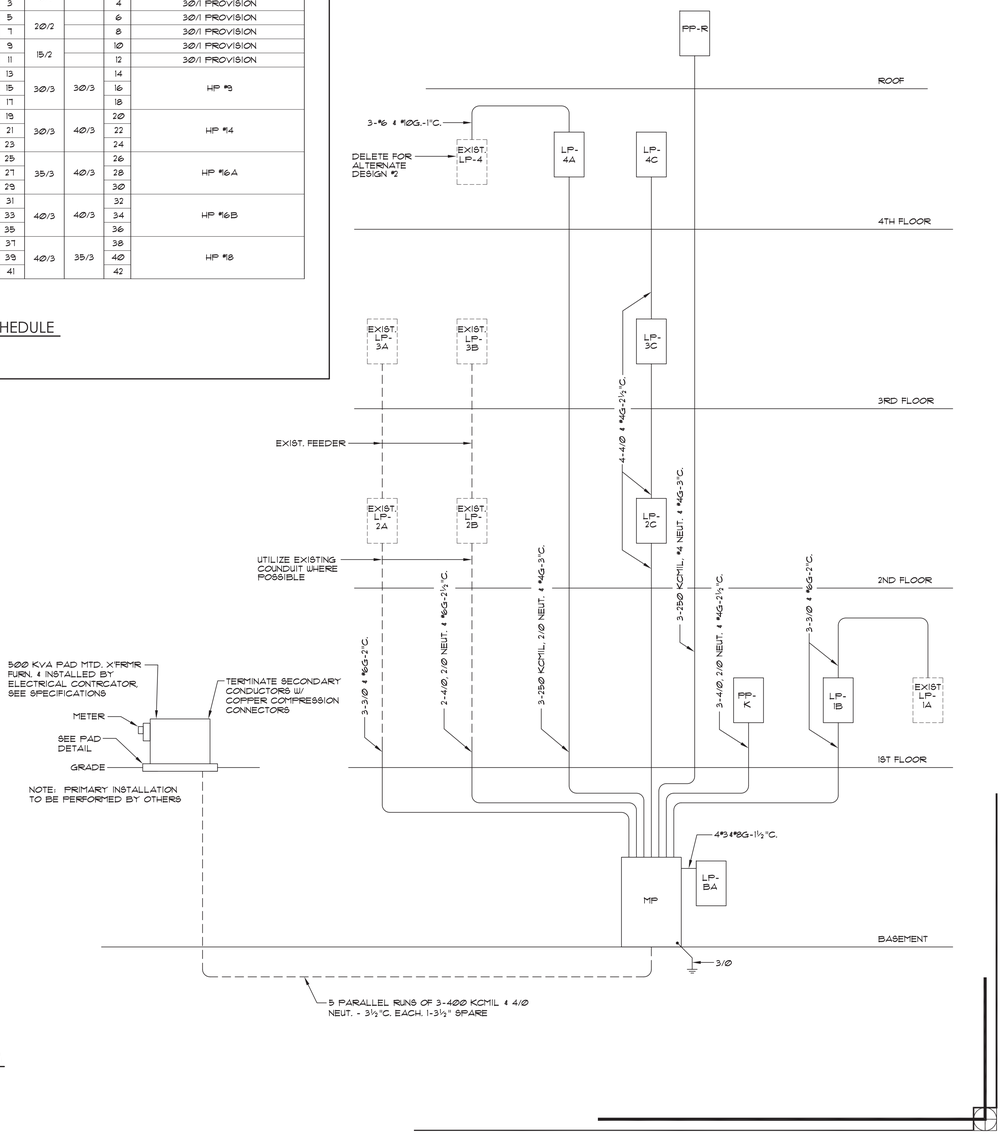
1 E0.2 SWITCHBOARD 'MP' SCHEDULE
No Scale

EXISTING PANEL 'LP-2B'					
120/208V, 1ø, 3W, 10K AIC. INSTALL NEW BREAKERS AS SHOWN IN BOLD. INSTALL UPDATED TYPED CIRCUIT DIRECTORY.					
CIRCUIT DESCRIPTION	NO.	BRKR.	BRKR.	NO.	CIRCUIT DESCRIPTION
RECEPTACLES	1	20/1	20/1	16	RECEPTACLES
RECEPTACLES	2	20/1	20/1	17	RECEPTACLES
RECEPTACLES - WASHER	3	20/1	20/1	18	RECEPTACLES
RECEPTACLES - WASHER	4	20/1	20/1	19	RECEPTACLES
RECEPTACLES	5	20/1	20/1	20	RECEPTACLES
RECEPTACLES	6	20/1	20/1	21	TELEVISION RECEPTACLE
RECEPTACLES	7	20/1	20/1	22	TELEVISION RECEPTACLE
RECEPTACLES	8	20/1	30/1	23	DATA RECEPTACEL
RECEPTACLES	9	20/1	20/1	24	30/1 PROVISION
RECEPTACLES	10	20/1	20/2	25	FCU
LIGHTING	11	20/1		26	
SPARE	12	20/1	25/2	27	HP
LIGHTING	13	20/1		28	
DRYER	14	20/1	30/2	29	DRYER
	15			30	

4 E0.2 EXISTING PANEL 'LP-2B' SCHEDULE
No Scale

EXISTING PANEL 'LP-3B'					
120/208V, 1ø, 3W, 10K AIC. INSTALL NEW BREAKERS AS SHOWN IN BOLD. INSTALL UPDATED TYPED CIRCUIT DIRECTORY.					
CIRCUIT DESCRIPTION	NO.	BRKR.	BRKR.	NO.	CIRCUIT DESCRIPTION
RECEPTACLES	1	20/1	20/1	16	RECEPTACLES
RECEPTACLES	2	20/1	20/1	17	RECEPTACLES
RECEPTACLES - WASHER	3	20/1	20/1	18	RECEPTACLES
RECEPTACLES - WASHER	4	20/1	20/1	19	RECEPTACLES
RECEPTACLES	5	20/1	20/1	20	RECEPTACLES
RECEPTACLES	6	20/1	20/1	21	TELEVISION RECEPTACLE
RECEPTACLES	7	20/1	20/1	22	TELEVISION RECEPTACLE
RECEPTACLES	8	20/1	20/1	23	30/1 PROVISION
RECEPTACLES	9	20/1	20/1	24	30/1 PROVISION
RECEPTACLES	10	20/1	20/2	25	FCU
LIGHTING	11	20/1		26	
RECEPT. - ROOFTOP EQUIPMENT	12	20/1	25/2	27	HP
LIGHTING	13	20/1		28	
DRYER	14	20/1	30/2	29	DRYER
	15			30	

2 E0.2 EXISTING PANEL 'LP-3B' SCHEDULE
No Scale



3 E0.2 RISER DIAGRAM
Not to Scale

STATE OF ALABAMA
REGISTERED
NO. 16245
PROFESSIONAL
ENGINEER
RANDALL H. SMITH
1-18-2013 #224

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Interior Renovations and Addition for:
Chi Omega
The University of Alabama Campus
UA Project Number. 910-12-2024
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

STATE OF ALABAMA
MICHAEL A. ELLIS
3692
REGISTERED ARCHITECT

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Do Not Scale From Drawings.

Contractor must verify all dimensions prior to construction.

JOB No.	11039
DATE:	REV DATE:
01/18/2013	
DRAWN BY:	

SCHEDULES AND DETAILS

SHEET NUMBER E0.2

1. DATACOM & SERVICE EQUIPMENT TO BE REMOVED & TURNED OVER TO OWNER.
2. TELEPHONE SERVICE EQUIPMENT TO BE REMOVED
3. EXISTING FIRE ALARM PANEL TO BE REMOVED.
4. EXISTING CATV CABLING TO BE REMOVED.
5. EXISTING FIRE ALARM REMOTE ANNUNCIATOR TO BE REMOVED.
6. EXISTING DATACOM & TELEPHONE SERVICE EQUIPMENT TO BE REMOVED.
7. EXISTING POWER WIRING AND LIGHTING EQUIPMENT TO BE REMOVED IN THIS SPACE.
8. EXISTING PANELBOARDS & SWITCHBOARDS IN THIS SPACE TO BE REMOVED. EXISTING BRANCH CIRCUITS SERVING AREAS TO REMAIN ARE TO BE EXTENDED TO NEW PANELBOARDS AS DIRECTED ON POWER WIRING PLANS. INSTALL J-BOXES (QTY. AS REQUIRED) ABOVE NEW ACCESSIBLE CEILING LEVEL FOR TERMINATION OF EXISTING CONDUIT AND FUTURE EXTENSION OF CIRCUITS.
9. EXISTING CEILING MOUNTED ELECTRICAL DEVICES TO BE REMOVED IN THIS SPACE. BRANCH CIRCUITS AND CONDUIT TO BE REMOVED BACK TO PANEL.
10. EXISTING SURFACE MOUNTED COMMUNICATIONS CABLING AND CONDUIT TO BE REMOVED FROM EXTERIOR WALLS AND ROOFS. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR WATERTIGHT PATCHING OF ALL PENETRATIONS.
11. EXISTING PANEL TO BE REMOVED.
12. REMOVE CIRCUITS TO EXISTING HVAC EQUIPMENT ON ROOF.
13. EXISTING EMERGENCY LIGHTING AND ASSOCIATED SURFACE RACEWAY TO BE REMOVED IN THIS SPACE. REMOVE EXISTING SWITCHES AND INSTALL BLANK PLATE.

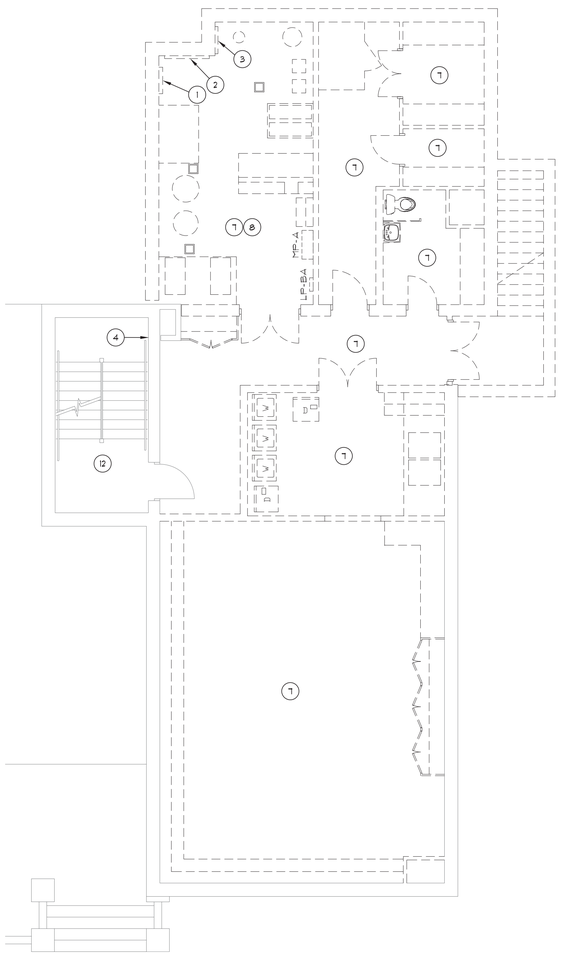
3 SPECIFIC NOTES
E1.0 No Scale

- ALL EXISTING DATACOM OUTLETS & CABLING TO BE REMOVED, EXCEPT WHERE NOTED.
- ALL EXISTING TELEPHONE OUTLETS & CABLING TO BE REMOVED, EXCEPT WHERE NOTED.
- ALL EXISTING FIRE ALARM DEVICES & CABLING TO BE REMOVED, EXCEPT WHERE NOTED.
- ALL EXISTING CATV CABLING & CONDUIT ON EXTERIOR OF BUILDING TO BE REMOVED.
- ALL RECEPTACLES AND LIGHTING NOT SHOWN TO BE REMOVED ARE TO REMAIN ACTIVE.
- IN AREAS BEING RENOVATED, ADD SUPPORTS TO CONDUIT AND BOXES AS REQUIRED TO MEET CURRENT CODES.

4 GENERAL NOTES
E1.0 No Scale

STATE OF ALABAMA REGISTERED NO. 20245 PROFESSIONAL ENGINEER RANDALL H. SMITH
1-18-2013 *224

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1 BASEMENT DEMO PLAN
E1.0 3/16" = 1'-0"

2 FIRST FLOOR DEMO PLAN
E1.0 3/16" = 1'-0"

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UA Project Number: 910-12-2024
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

STATE OF ALABAMA MICHAEL A. ELLIS 3692 REGISTERED ARCHITECT

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JOB No.	11039
DATE:	REV DATE:
01/18/2013	
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ELECTRICAL DEMO PLANS

SHEET NUMBER E1.0

1. DATACOM & SERVICE EQUIPMENT TO BE REMOVED & TURNED OVER TO OWNER.
2. TELEPHONE SERVICE EQUIPMENT TO BE REMOVED
3. EXISTING FIRE ALARM PANEL TO BE REMOVED.
4. EXISTING CATV CABLING TO BE REMOVED.
5. EXISTING FIRE ALARM REMOTE ANNUNCIATOR TO BE REMOVED.
6. EXISTING DATACOM & TELEPHONE SERVICE EQUIPMENT TO BE REMOVED.
7. EXISTING POWER WIRING AND LIGHTING EQUIPMENT TO BE REMOVED IN THIS SPACE.
8. EXISTING PANELBOARDS & SWITCHBOARDS IN THIS SPACE TO BE REMOVED. EXISTING BRANCH CIRCUITS SERVING AREAS TO REMAIN ARE TO BE EXTENDED TO NEW PANELBOARDS AS DIRECTED ON POWER WIRING PLANS. INSTALL J-BOXES (QTY. AS REQUIRED) ABOVE NEW ACCESSIBLE CEILING LEVEL FOR TERMINATION OF EXISTING CONDUIT AND FUTURE EXTENSION OF CIRCUITS.
9. EXISTING CEILING MOUNTED ELECTRICAL DEVICES TO BE REMOVED IN THIS SPACE. BRANCH CIRCUITS AND CONDUIT TO BE REMOVED BACK TO PANEL.
10. EXISTING SURFACE MOUNTED COMMUNICATIONS CABLING AND CONDUIT TO BE REMOVED FROM EXTERIOR WALLS AND ROOFS. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR WATERTIGHT PATCHING OF ALL PENETRATIONS.
11. EXISTING PANEL TO BE REMOVED.
12. REMOVE CIRCUITS TO EXISTING HVAC EQUIPMENT ON ROOF.
13. EXISTING EMERGENCY LIGHTING AND ASSOCIATED SURFACE RACEWAY TO BE REMOVED IN THIS SPACE. REMOVE EXISTING SWITCHES AND INSTALL BLANK PLATE.

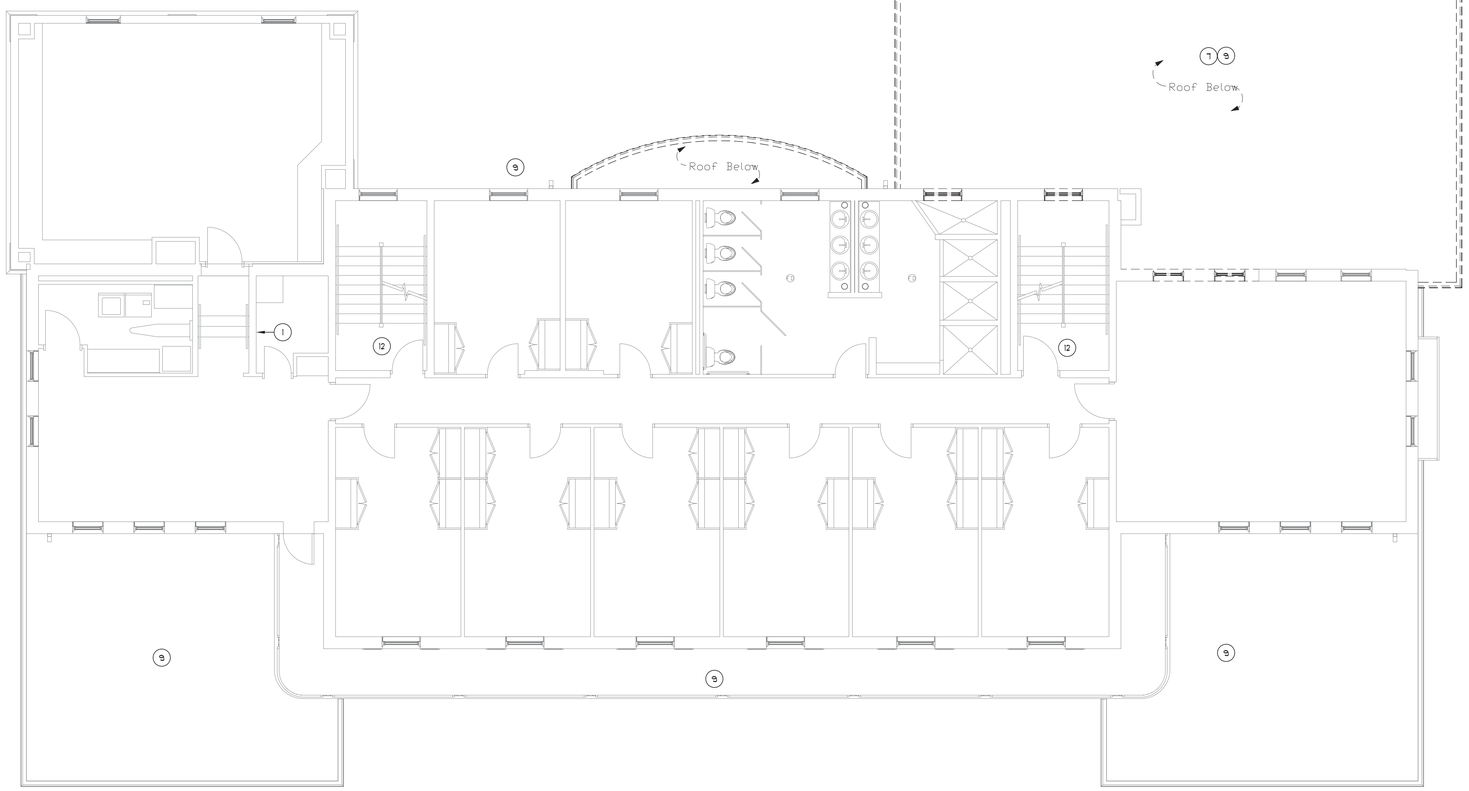
2 E1.1 SPECIFIC NOTES
No Scale

- ALL EXISTING DATACOM OUTLETS & CABLING TO BE REMOVED, EXCEPT WHERE NOTED.
- ALL EXISTING TELEPHONE OUTLETS & CABLING TO BE REMOVED, EXCEPT WHERE NOTED.
- ALL EXISTING FIRE ALARM DEVICES & CABLING TO BE REMOVED, EXCEPT WHERE NOTED.
- ALL EXISTING CATV CABLING & CONDUIT ON EXTERIOR OF BUILDING TO BE REMOVED.
- ALL RECEPTACLES AND LIGHTING NOT SHOWN TO BE REMOVED ARE TO REMAIN ACTIVE.
- IN AREAS BEING RENOVATED, ADD SUPPORTS TO CONDUIT AND BOXES AS REQUIRED TO MEET CURRENT CODES.

3 E1.1 GENERAL NOTES
No Scale

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1 E1.1 SECOND FLOOR DEMO PLAN
3/16" = 1'-0"

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Interior Renovations and Addition for:

Chi Omega

The University of Alabama Campus
UA Project Number: 910-12-024
Tuscaloosa, Alabama

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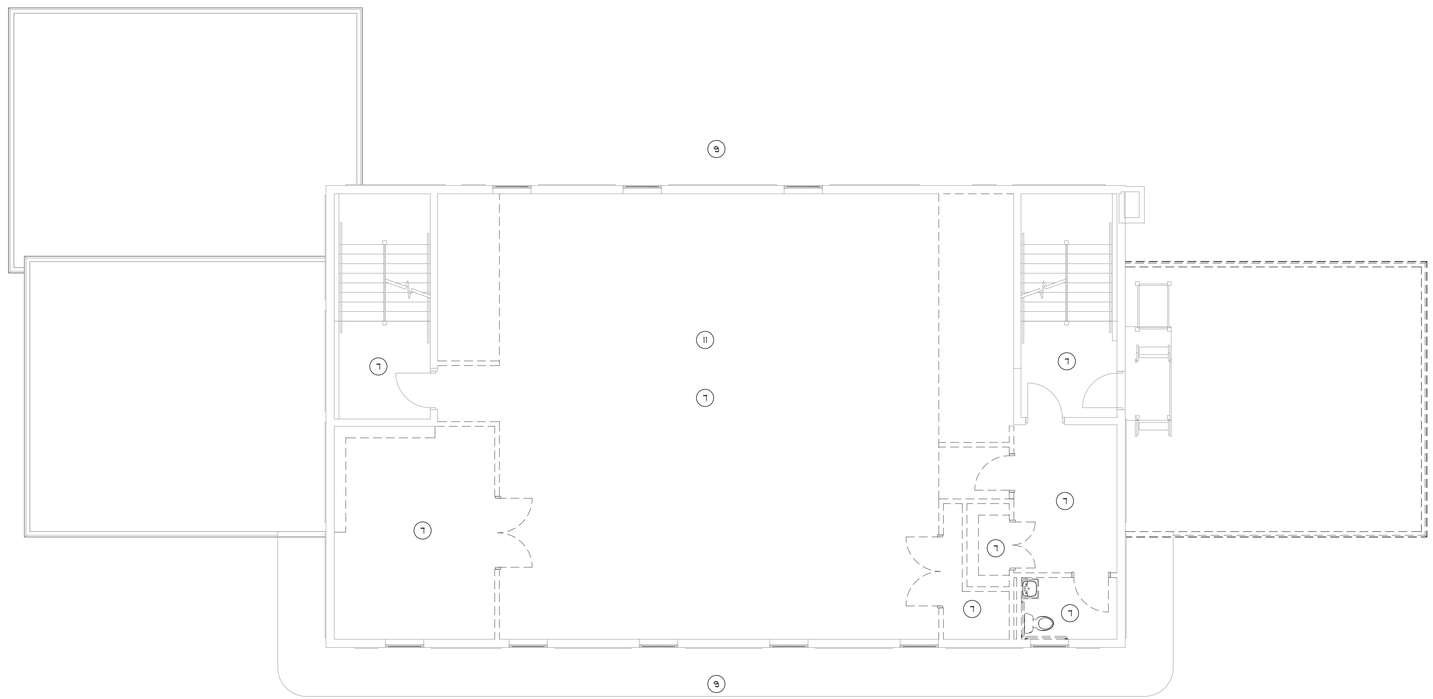
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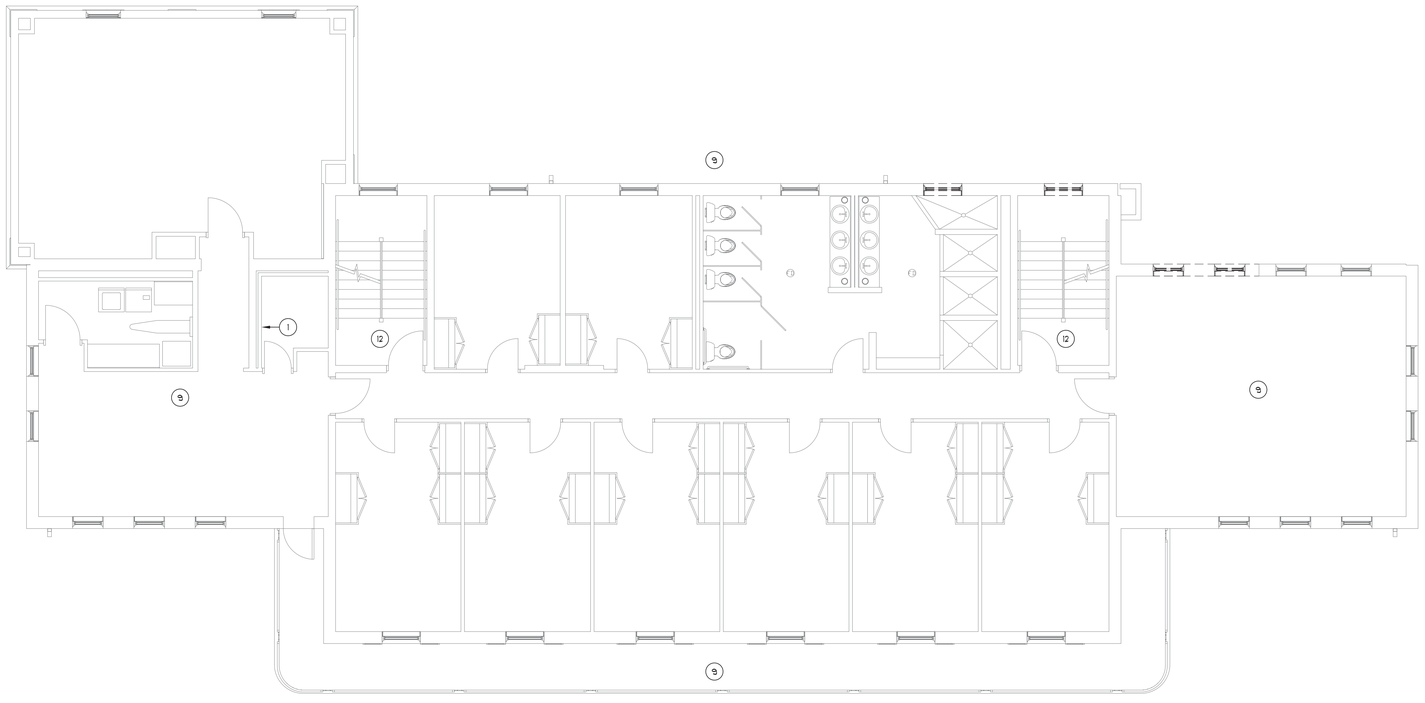
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ELECTRICAL DEMO PLANS

SHEET NUMBER E1.1



2 FOURTH FLOOR DEMO PLAN - ALTERNATE #2
E1.2 3/16" = 1'-0"



1 THIRD FLOOR DEMO PLAN
E1.2 3/16" = 1'-0"

- ALL EXISTING DATACOM OUTLETS & CABLING TO BE REMOVED, EXCEPT WHERE NOTED.
- ALL EXISTING TELEPHONE OUTLETS & CABLING TO BE REMOVED, EXCEPT WHERE NOTED.
- ALL EXISTING FIRE ALARM DEVICES & CABLING TO BE REMOVED, EXCEPT WHERE NOTED.
- ALL EXISTING CATV CABLING & CONDUIT ON EXTERIOR OF BUILDING TO BE REMOVED.
- ALL RECEPTACLES AND LIGHTING NOT SHOWN TO BE REMOVED ARE TO REMAIN ACTIVE.
- IN AREAS BEING RENOVATED, ADD SUPPORTS TO CONDUIT AND BOXES AS REQUIRED TO MEET CURRENT CODES.

4 GENERAL NOTES
E1.2 No Scale

1. DATACOM & SERVICE EQUIPMENT TO BE REMOVED & TURNED OVER TO OWNER.
2. TELEPHONE SERVICE EQUIPMENT TO BE REMOVED
3. EXISTING FIRE ALARM PANEL TO BE REMOVED.
4. EXISTING CATV CABLING TO BE REMOVED.
5. EXISTING FIRE ALARM REMOTE ANNUNCIATOR TO BE REMOVED.
6. EXISTING DATACOM & TELEPHONE SERVICE EQUIPMENT TO BE REMOVED.
7. EXISTING POWER WIRING AND LIGHTING EQUIPMENT TO BE REMOVED IN THIS SPACE.
8. EXISTING PANELBOARDS & SWITCHBOARDS IN THIS SPACE TO BE REMOVED. EXISTING BRANCH CIRCUITS SERVING AREAS TO REMAIN ARE TO BE EXTENDED TO NEW PANELBOARDS AS DIRECTED ON POWER WIRING PLANS. INSTALL J-BOXES (QTY. AS REQUIRED) ABOVE NEW ACCESSIBLE CEILING LEVEL FOR TERMINATION OF EXISTING CONDUIT AND FUTURE EXTENSION OF CIRCUITS.
8. EXISTING CEILING MOUNTED ELECTRICAL DEVICES TO BE REMOVED IN THIS SPACE. BRANCH CIRCUITS AND CONDUIT TO BE REMOVED BACK TO PANEL.
9. EXISTING SURFACE MOUNTED COMMUNICATIONS CABLING AND CONDUIT TO BE REMOVED FROM EXTERIOR WALLS AND ROOFS. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR WATERTIGHT PATCHING OF ALL PENETRATIONS.
10. EXISTING PANEL TO BE REMOVED.
11. REMOVE CIRCUITS TO EXISTING HVAC EQUIPMENT ON ROOF.
12. EXISTING EMERGENCY LIGHTING AND ASSOCIATED SURFACE RACEWAY TO BE REMOVED IN THIS SPACE. REMOVE EXISTING SWITCHES AND INSTALL BLANK PLATE.

3 SPECIFIC NOTES
E1.2 No Scale

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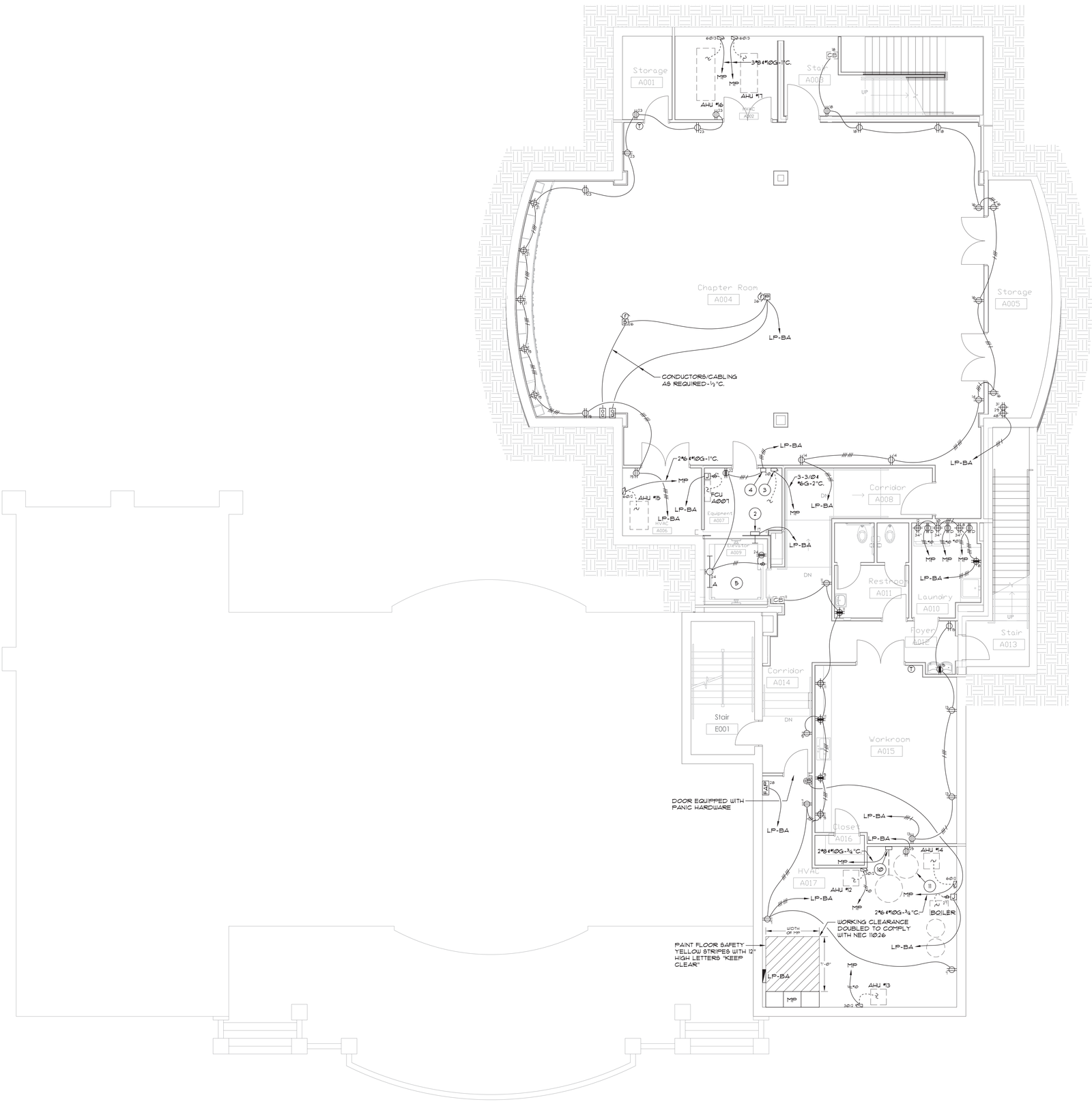
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ELECTRICAL DEMO PLANS

SHEET NUMBER E1.2



1 BASEMENT POWER WIRING PLAN
E2.0 3/16" = 1'-0"

1. INSTALL 20/2 BREAKER AT 25, 26 AND 3-20/1 BREAKERS AT 16, 17 & 18.
2. ELEVATOR SUMP PUMP CONTROLLER. INSTALL 4" CONDUIT FROM BELOW CONTROLLER TO ELEVATOR PIT FOR CABLE PASSAGE.
3. 200/3 FUSED SWITCH WITH AUXILIARY RELAY, FUSE AS PER ELEVATOR EQUIPMENT NAMEPLATE.
4. 20/1 ENCLOSED BREAKER FOR CAR LOADS.
5. SWITCH, LIGHT AND RECEPTACLE IN ELEVATOR PIT.
6. ALL EXISTING RECEPTACLES IN THIS SPACE TO REMAIN ACTIVE. RE-FEED AS REQUIRED.
7. STUB 3-¾" CONDUIT TO ABOVE CEILING FOR FUTURE USE
8. DISCONNECT INTEGRAL TO EQUIPMENT
9. BUILDING VOLTAGE IS CHANGING FROM 240 DELTA TO 208 WYE, CHANGE MOTOR TAPS, TRANSFORMER TAPS, ETC.
10. SEWER PUMP CONTROLLER. INSTALL CONDUIT BETWEEN CONTROLLER AND SUMP FOR CABLE PASSAGE.
11. STORM WATER SUMP PUMP.
12. CONNECTION TO ACCESS CONTROL POWER SUPPLY SERVING THIS DOOR. COORDINATE REQUIREMENTS WITH EQUIPMENT SUPPLIER.
13. GATE ACCESS CONTROL LOCATION. PROVIDE CONNECTION TO NEAREST UNSWITCHED 120V CIRCUIT FOR POWER SUPPLY. COORDINATE REQUIREMENTS WITH EQUIPMENT SUPPLIER.

2 SPECIFIC NOTES
E2.0 NO SCALE

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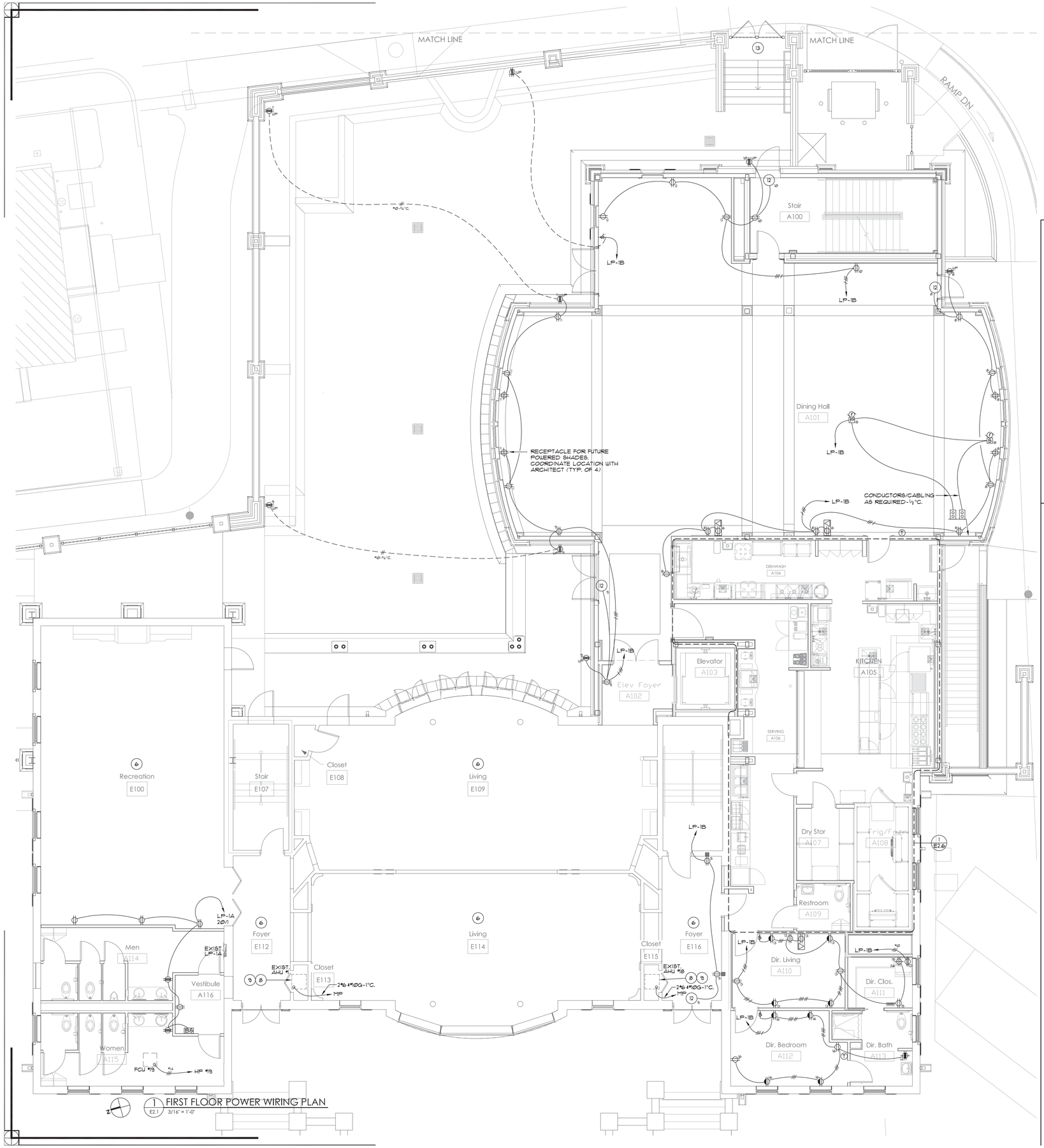
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BASEMENT POWER PLAN

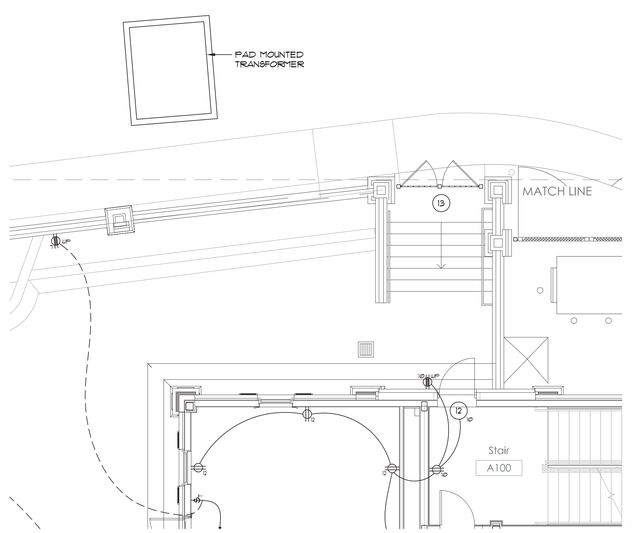
SHEET NUMBER E2.0



1 FIRST FLOOR POWER WIRING PLAN
E2.1 3/16" = 1'-0"

1. INSTALL 20/2 BREAKER AT 25, 26 AND 3-20/1 BREAKERS AT 16, 17 & 18.
2. ELEVATOR SUMP PUMP CONTROLLER. INSTALL 4" CONDUIT FROM BELOW CONTROLLER TO ELEVATOR PIT FOR CABLE PASSAGE.
3. 200/3 FUSED SWITCH WITH AUXILIARY RELAY, FUSE AS PER ELEVATOR EQUIPMENT NAMEPLATE.
4. 20/1 ENCLOSED BREAKER FOR CAR LOADS.
5. SWITCH, LIGHT AND RECEPTACLE IN ELEVATOR PIT.
6. ALL EXISTING RECEPTACLES IN THIS SPACE TO REMAIN ACTIVE. RE-FEED AS REQUIRED.
7. STUB 3-¾" CONDUIT TO ABOVE CEILING FOR FUTURE USE
8. DISCONNECT INTEGRAL TO EQUIPMENT
9. BUILDING VOLTAGE IS CHANGING FROM 240 DELTA TO 208 WYE, CHANGE MOTOR TAPS, TRANSFORMER TAPS, ETC.
10. SEWER PUMP CONTROLLER. INSTALL CONDUIT BETWEEN CONTROLLER AND SUMP FOR CABLE PASSAGE.
11. STORM WATER SUMP PUMP.
12. CONNECTION TO ACCESS CONTROL POWER SUPPLY SERVING THIS DOOR. COORDINATE REQUIREMENTS WITH EQUIPMENT SUPPLIER.
13. GATE ACCESS CONTROL LOCATION. PROVIDE CONNECTION TO NEAREST UNSWITCHED 120V CIRCUIT FOR POWER SUPPLY. COORDINATE REQUIREMENTS WITH EQUIPMENT SUPPLIER.

3 SPECIFIC NOTES
E2.1 NO SCALE



2 FIRST FLOOR POWER WIRING PLAN. TRANSFORMER
E2.1 3/16" = 1'-0"

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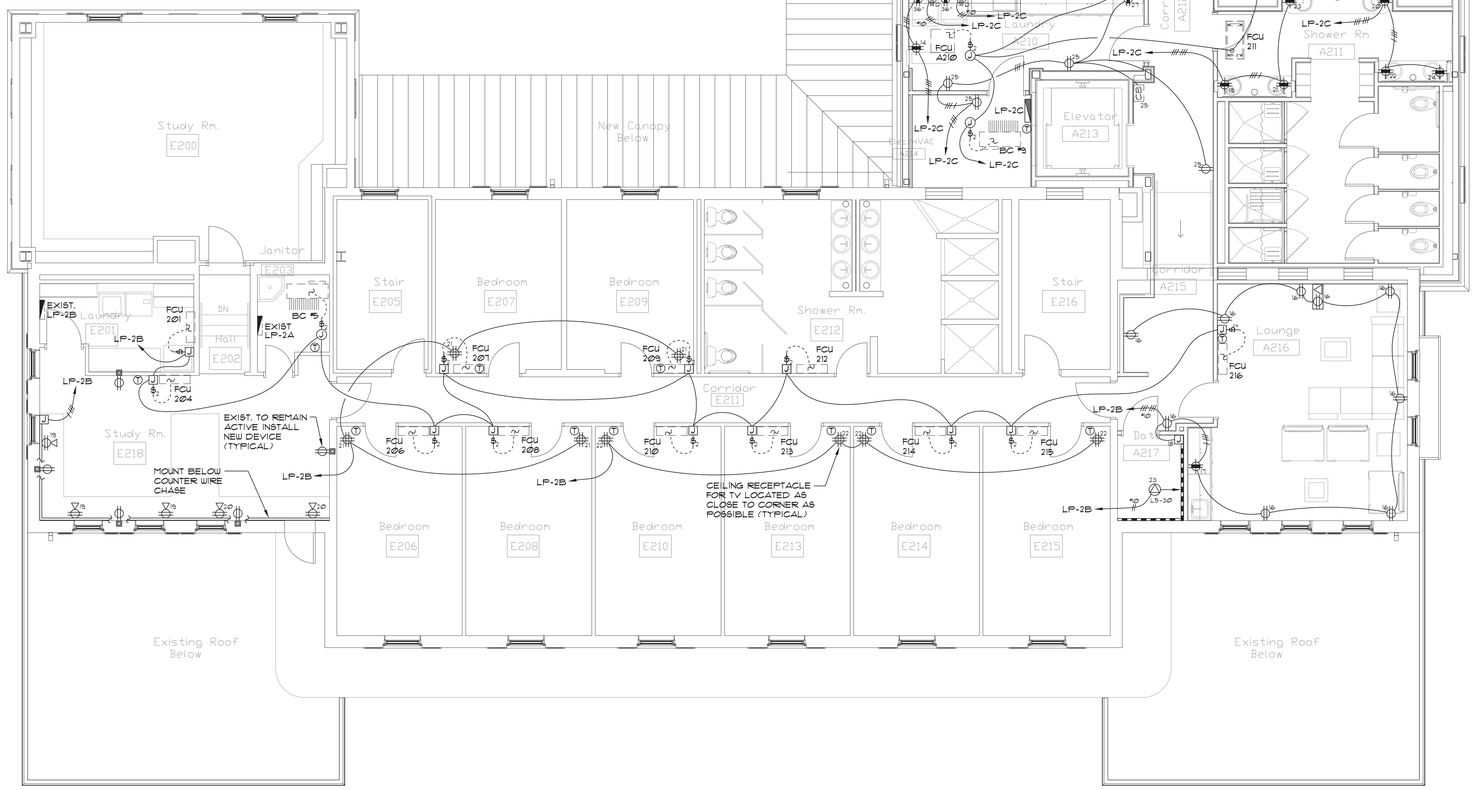
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FIRST FLOOR POWER PLAN

SHEET NUMBER E2.1



1 SECOND FLOOR POWER WIRING PLAN
E2.2 3/16" = 1'-0"

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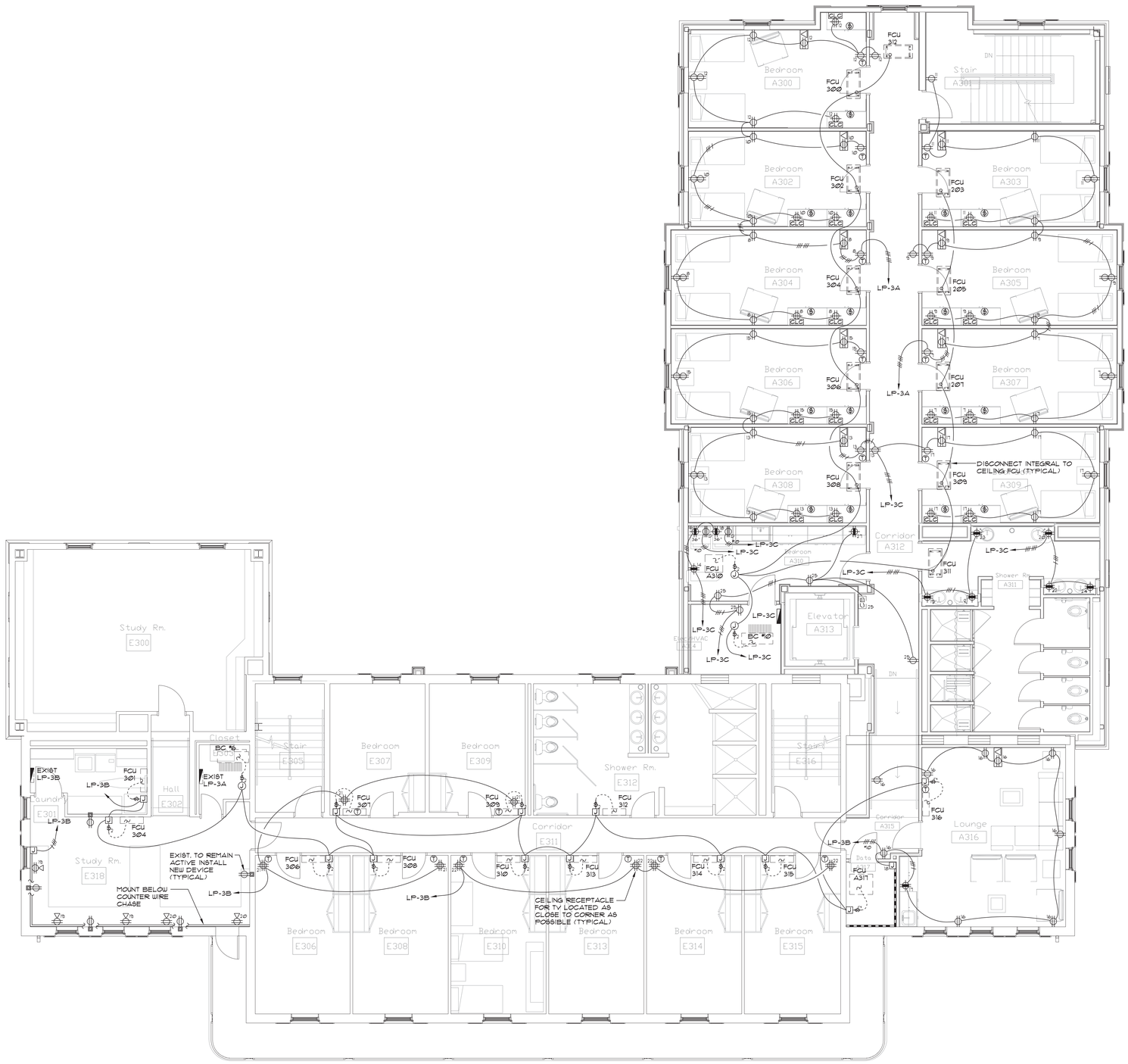
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SECOND FLOOR POWER PLAN

SHEET NUMBER E2.2



1 THIRD FLOOR POWER WIRING PLAN
E2.3 3/16" = 1'-0"

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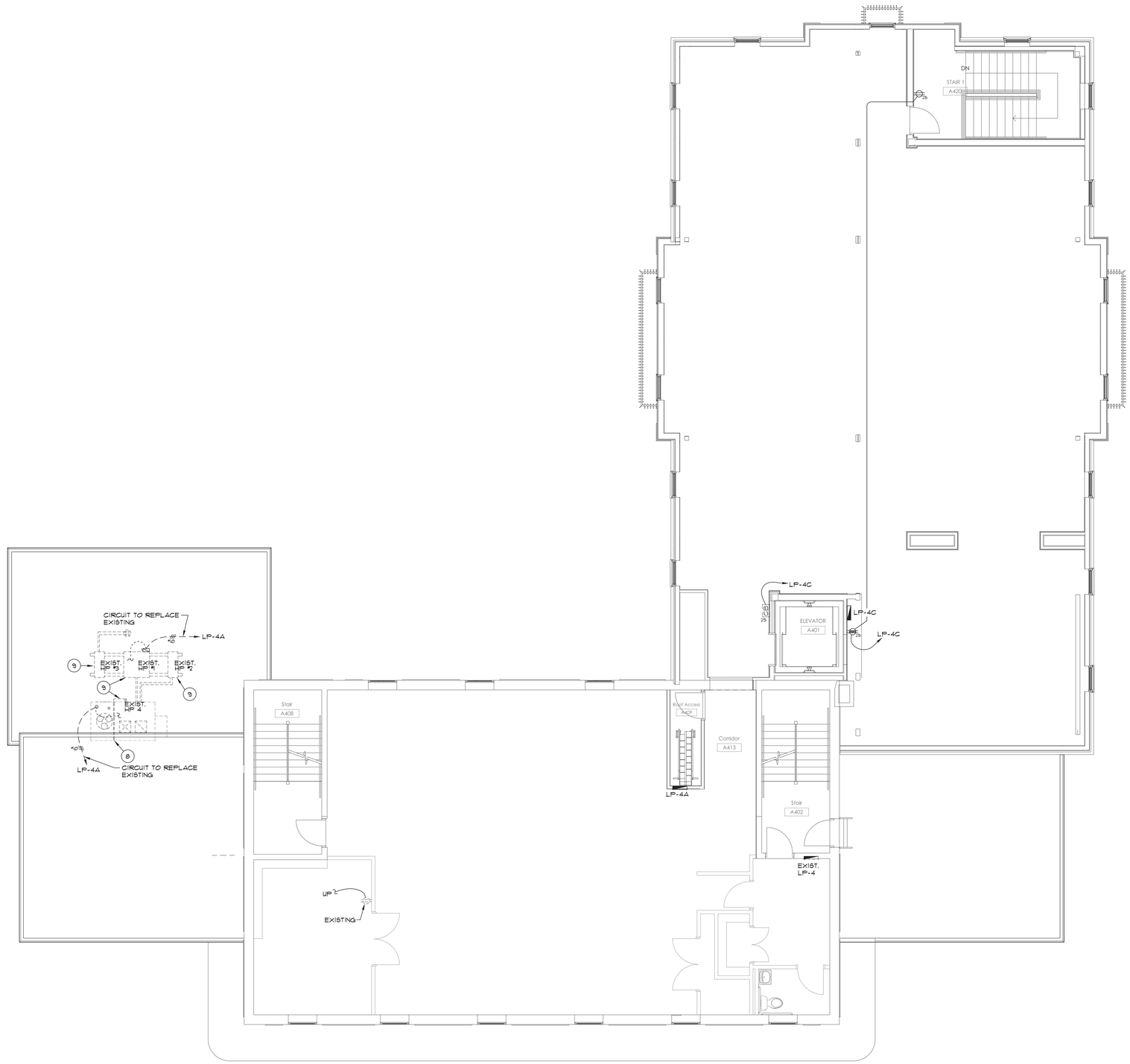
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THIRD FLOOR POWER PLAN

SHEET NUMBER E2.3



1. INSTALL 20/2 BREAKER AT 25, 26 AND 3-20/1 BREAKERS AT 16, 17 & 18.
2. ELEVATOR SUMP PUMP CONTROLLER. INSTALL 4" CONDUIT FROM BELOW CONTROLLER TO ELEVATOR PIT FOR CABLE PASSAGE.
3. 200/3 FUSED SWITCH WITH AUXILIARY RELAY, FUSE AS PER ELEVATOR EQUIPMENT NAMEPLATE.
4. 20/1 ENCLOSED BREAKER FOR CAR LOADS.
5. SWITCH, LIGHT AND RECEPTACLE IN ELEVATOR PIT.
6. ALL EXISTING RECEPTACLES IN THIS SPACE TO REMAIN ACTIVE. RE-FEED AS REQUIRED.
7. STUB 3-¾" CONDUIT TO ABOVE CEILING FOR FUTURE USE
8. DISCONNECT INTEGRAL TO EQUIPMENT
9. BUILDING VOLTAGE IS CHANGING FROM 240 DELTA TO 208 WYE, CHANGE MOTOR TAPS, TRANSFORMER TAPS, ETC.
10. SEWER PUMP CONTROLLER. INSTALL CONDUIT BETWEEN CONTROLLER AND SUMP FOR CABLE PASSAGE.
11. STORM WATER SUMP PUMP.
12. CONNECTION TO ACCESS CONTROL POWER SUPPLY SERVING THIS DOOR. COORDINATE REQUIREMENTS WITH EQUIPMENT SUPPLIER.
13. GATE ACCESS CONTROL LOCATION. PROVIDE CONNECTION TO NEAREST UNSWITCHED 120V CIRCUIT FOR POWER SUPPLY. COORDINATE REQUIREMENTS WITH EQUIPMENT SUPPLIER.

2 E2.4 SPECIFIC NOTES
No Scale

1 E2.4 FOURTH FLOOR POWER WIRING PLAN
3/16" = 1'-0"

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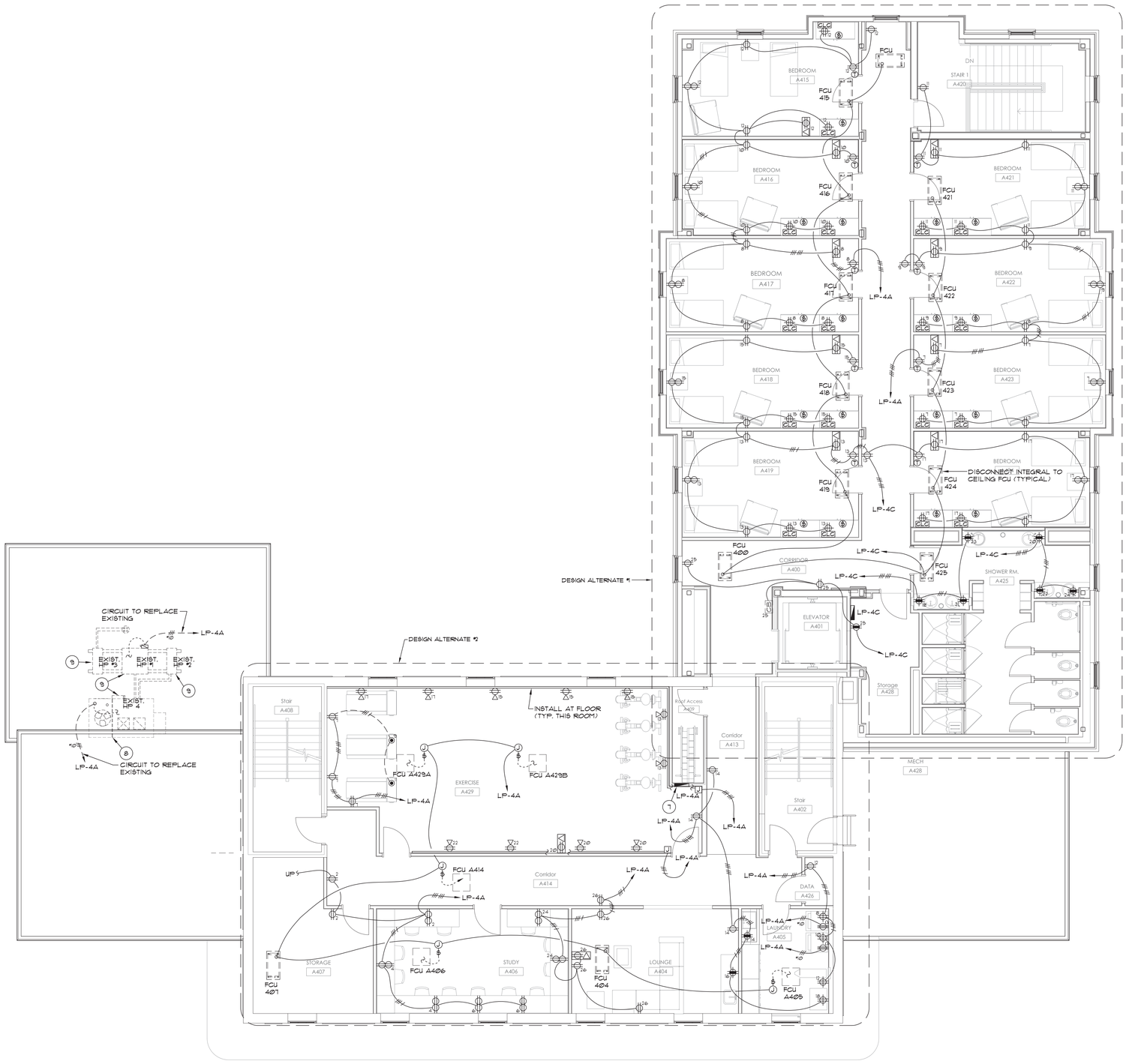
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4TH FLOOR POWER PLAN

SHEET NUMBER E2.4



1 FOURTH FLOOR POWER WIRING PLAN
E2.4A 3/16" = 1'-0"

1. INSTALL 20/2 BREAKER AT 25, 26 AND 3-20/1 BREAKERS AT 16, 17 & 18.
2. ELEVATOR SUMP PUMP CONTROLLER. INSTALL 4" CONDUIT FROM BELOW CONTROLLER TO ELEVATOR PIT FOR CABLE PASSAGE.
3. 200/3 FUSED SWITCH WITH AUXILIARY RELAY, FUSE AS PER ELEVATOR EQUIPMENT NAMEPLATE.
4. 20/1 ENCLOSED BREAKER FOR CAR LOADS.
5. SWITCH, LIGHT AND RECEPTACLE IN ELEVATOR PIT.
6. ALL EXISTING RECEPTACLES IN THIS SPACE TO REMAIN ACTIVE. RE-FEED AS REQUIRED.
7. STUB 3-¾" CONDUIT TO ABOVE CEILING FOR FUTURE USE
8. DISCONNECT INTEGRAL TO EQUIPMENT
9. BUILDING VOLTAGE IS CHANGING FROM 240 DELTA TO 208 WYE, CHANGE MOTOR TAPS, TRANSFORMER TAPS, ETC.
10. SEWER PUMP CONTROLLER. INSTALL CONDUIT BETWEEN CONTROLLER AND SUMP FOR CABLE PASSAGE.
11. STORM WATER SUMP PUMP.
12. CONNECTION TO ACCESS CONTROL POWER SUPPLY SERVING THIS DOOR. COORDINATE REQUIREMENTS WITH EQUIPMENT SUPPLIER.
13. GATE ACCESS CONTROL LOCATION. PROVIDE CONNECTION TO NEAREST UNSWITCHED 120V CIRCUIT FOR POWER SUPPLY. COORDINATE REQUIREMENTS WITH EQUIPMENT SUPPLIER.

2 SPECIFIC NOTES
E2.4A No Scale

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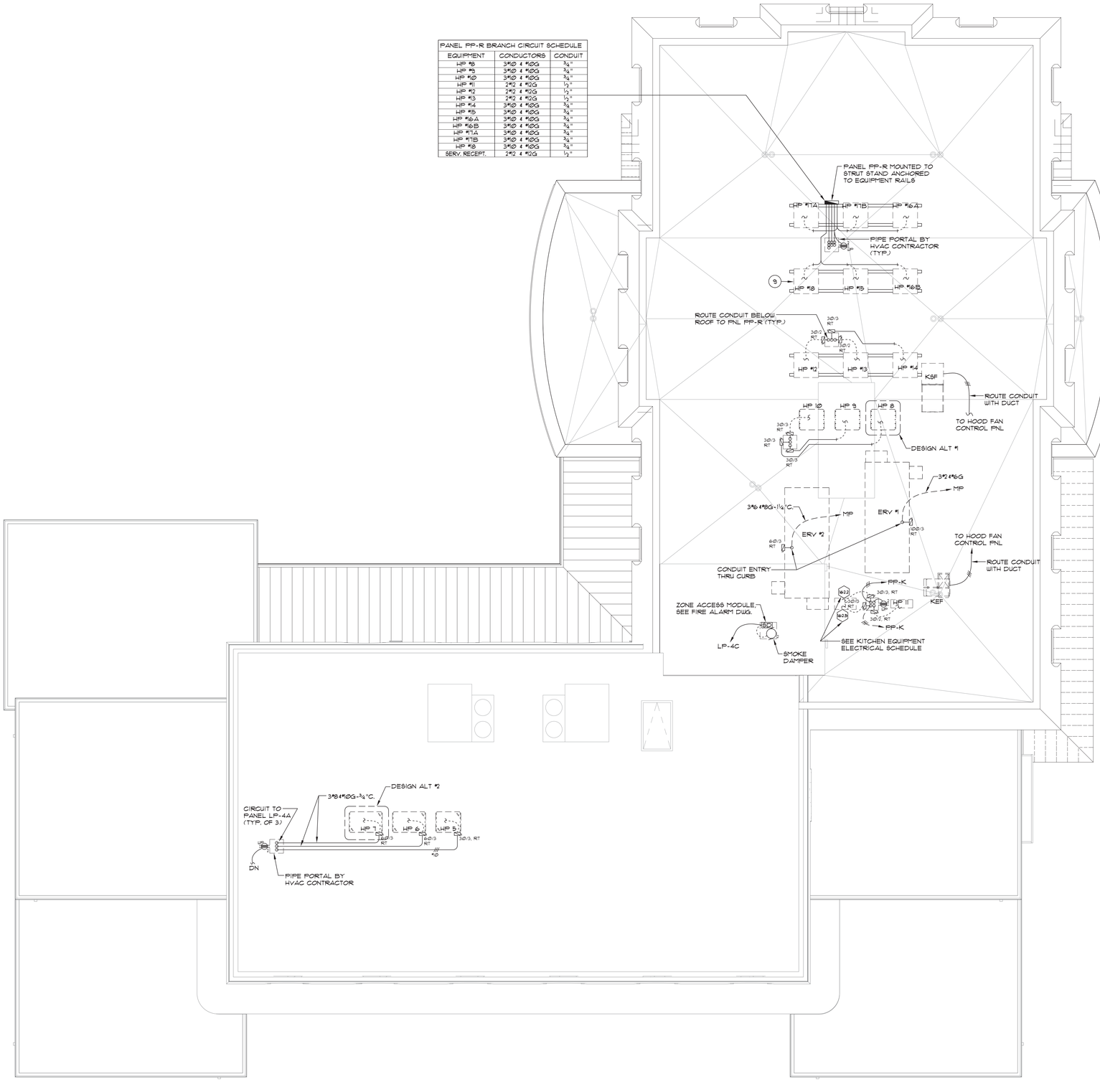
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4TH FLR POWER PLAN- ALT.

SHEET NUMBER E2.4A

PANEL FPP-R BRANCH CIRCUIT SCHEDULE		
EQUIPMENT	CONDUCTORS	CONDUIT
HP #6	3#10 & #10G	¾"
HP #3	3#10 & #10G	¾"
HP #10	3#10 & #10G	¾"
HP #1	2#12 & #12G	½"
HP #12	2#12 & #12G	½"
HP #13	2#12 & #12G	½"
HP #14	3#10 & #10G	¾"
HP #15	3#10 & #10G	¾"
HP #16A	3#10 & #10G	¾"
HP #16B	3#10 & #10G	¾"
HP #17A	3#10 & #10G	¾"
HP #17B	3#10 & #10G	¾"
HP #18	3#10 & #10G	¾"
SERV. RECEPT.	2#12 & #12G	½"



1 E2.5 ROOF POWER WIRING PLAN
3/16" = 1'-0"

1. INSTALL 20/2 BREAKER AT 25, 26 AND 3-20/1 BREAKERS AT 16, 17 & 18.
2. ELEVATOR SUMP PUMP CONTROLLER. INSTALL 4" CONDUIT FROM BELOW CONTROLLER TO ELEVATOR PIT FOR CABLE PASSAGE.
3. 200/3 FUSED SWITCH WITH AUXILIARY RELAY, FUSE AS PER ELEVATOR EQUIPMENT NAMEPLATE.
4. 20/1 ENCLOSED BREAKER FOR CAR LOADS.
5. SWITCH, LIGHT AND RECEPTACLE IN ELEVATOR PIT.
6. ALL EXISTING RECEPTACLES IN THIS SPACE TO REMAIN ACTIVE. RE-FEED AS REQUIRED.
7. STUB 3-¾" CONDUIT TO ABOVE CEILING FOR FUTURE USE
8. DISCONNECT INTEGRAL TO EQUIPMENT
9. BUILDING VOLTAGE IS CHANGING FROM 240 DELTA TO 208 WYE, CHANGE MOTOR TAPS, TRANSFORMER TAPS, ETC.
10. SEWER PUMP CONTROLLER. INSTALL CONDUIT BETWEEN CONTROLLER AND SUMP FOR CABLE PASSAGE.
11. STORM WATER SUMP PUMP.
12. CONNECTION TO ACCESS CONTROL POWER SUPPLY SERVING THIS DOOR. COORDINATE REQUIREMENTS WITH EQUIPMENT SUPPLIER.
13. GATE ACCESS CONTROL LOCATION. PROVIDE CONNECTION TO NEAREST UNSWITCHED 120V CIRCUIT FOR POWER SUPPLY. COORDINATE REQUIREMENTS WITH EQUIPMENT SUPPLIER.

2 E2.5 SPECIFIC NOTES
No Scale

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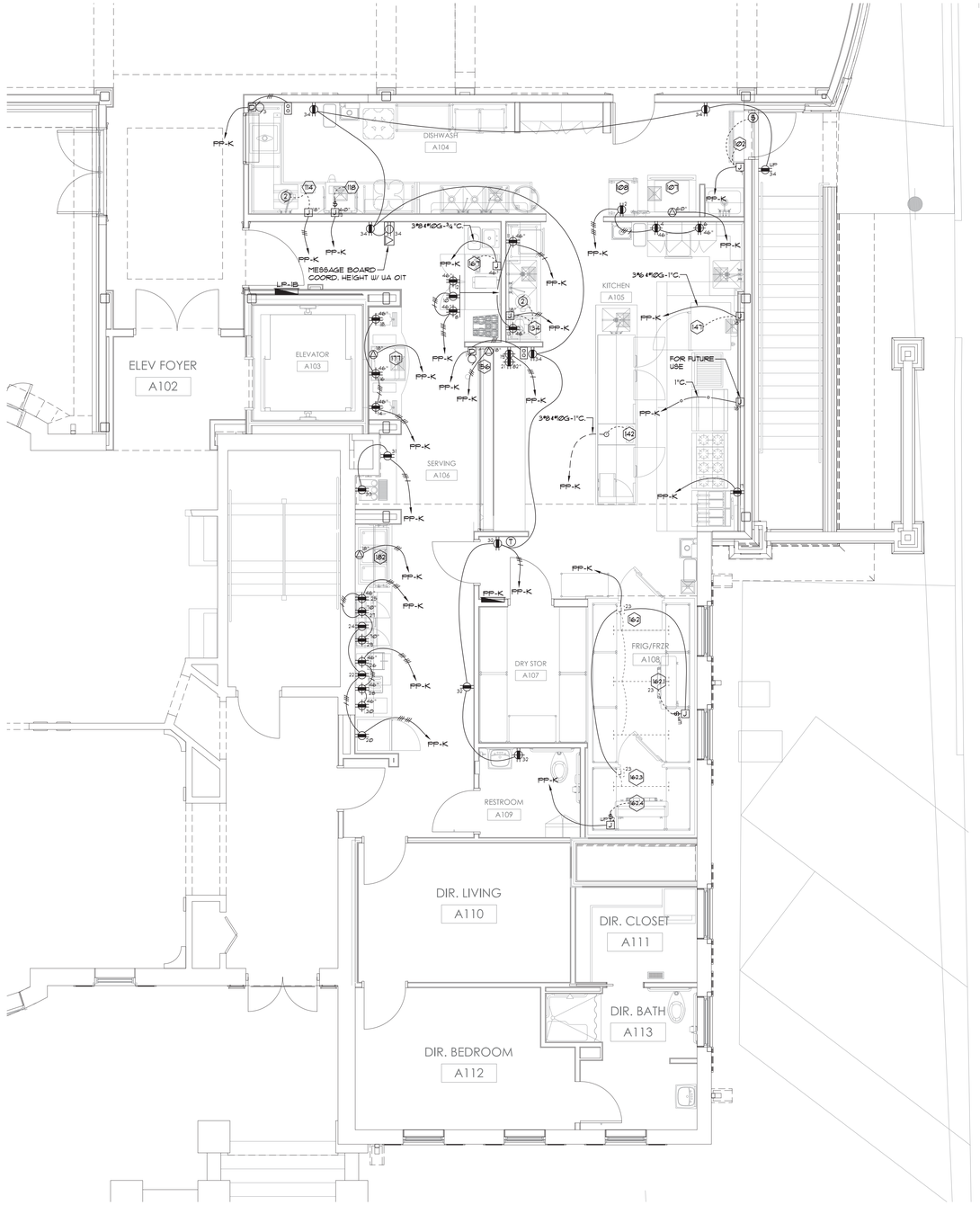
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ROOF POWER WIRING PLAN

SHEET NUMBER E2.5



1 E2.6 ENLARGED KITCHEN PLAN
1/4" = 1'-0"

	DESCRIPTION	LOAD	VOLT	PHASE	CORD	NEMA	REMARKS
120	AIR CURTAIN	½ HP	120	1	---	---	4
121	ICE MAKER	7.6A	208	1	12/3	5-20	1
108	HOLDING CABINET	16.0A	120	1	---	---	2
114	GARGABE DISPOSER	2 HP	208	3	---	---	4, 5
118	DISHWASHER	16A	120	1	---	---	4
134	GARBAGE DISPOSER	2 HP	208	3	---	---	4, 5
142	CHEF'S COUNTER WITH CONTROL PANEL AND RECEPTACLES	25A	120/208	1	---	---	4, 6
141	CONVECTION/COMBI OVEN	53A	208	3	---	---	4
146	HOT/COLD WELLS	14.4A	120/208	1	---	14-20	2
162	COOLER LIGHT	1.0A	120	1	---	---	4, 8, 9
163	COOLER EVAPORATOR	1.8A	120	1	---	---	4, 8
163	COOLER CONDENSER	4.7A	208	3	---	---	4, 10
163	FREEZER LIGHTS	5.0A	120	1	---	---	4, 8, 9
163	FREEZER EVAPORATOR	9.7A	208	1	---	---	4, 8
163	FREEZER CONDENSER	9.9A	208	3	---	---	4, 10
161	COFFEE MAKER	27A	120/208	1	---	---	4
171	ICE MAKER	11A	208	1	---	6-15	2
182	HOT/COLD WELLS	12A	120/208	1	---	14-20	2

REMARKS

1. FURNISH AND INSTALL CORD AND 90° PLUG.
2. CORD AND PLUG FURNISHED WITH EQUIPMENT.
3. INSTALL DOOR SWITCH FURNISHED WITH EQUIPMENT.
4. HARD WIRED.
5. ELECTRICAL CONTRACTOR TO MAKE ALL ELECTRICAL CONNECTIONS BETWEEN COMPONENTS.
6. STUB UP FROM FLOOR AND CONNECT TO CONTROL PANEL.
7. MAKE CONNECTIONS TO DRAIN LINE HEATER.
8. INSTALL CONDUIT SEAL-OFFS AT ALL PENETRATIONS OF FREEZER/ COOLER.
9. LIGHTS FURNISHED WITH EQUIPMENT. INSTALLATION AND WIRING BY ELECTRICAL CONTRACTOR.
10. PROVIDE ALL ELECTRICAL CONNECTIONS BETWEEN COMPONENTS.

3 E2.6 KITCHEN EQUIPMENT ELECTRICAL SCHEDULE
No Scale

PANEL 'PP-K'					
DESCRIPTION: 120/208V, 3Φ, 4W, 250A, MLO, BOTTOM, FLUSH, 22K AIC, 120KA INTEGRAL SPD, SINGLE SECTION					
CIRCUIT DESCRIPTION	NO.	BRKR.	BRKR.	NO.	CIRCUIT DESCRIPTION
COIL SHUTTER	1	20/1	20/1	2	HOLDING CABINET (108)
COIL SHUTTER	3	20/1	20/1	4	RECEPTACLES
SPARE	5	20/1	20/1	6	RECEPTACLES
(120) AIR CURTAIN	7	20/1	20/1	8	RECEPTACLES
(118) DISHWASHER	9	20/1	20/1	10	RECEPTACLES
RECEPTACLES	11	20/1	20/1	12	RECEPTACLES
RECEPTACLES	13	20/1	20/1	14	RECEPTACLES
SHUNT TRIP	15	20/1 S.T.	20/1	16	RECEPTACLES
RECEPTACLES	17		20/1	18	RECEPTACLES
RECEPTACLES	19	20/1	20/1	20	RECEPTACLES
RECEPTACLES	21	20/1	20/1	22	RECEPTACLES
FREEZER/COOLER	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
SPARE	35	20/1	20/1	36	SPARE
SPARE	37	20/1	20/1	38	SPARE
SPARE	39	20/1	20/1	40	SPARE
SPARE	41	20/1	20/1	42	SPARE
(142) CHEF'S COUNTER	43	40/2		44	60/2 PROVISION
	45			46	
(163-4) FREEZER EVAP	47	20/2	20/2	48	HOT/COLD WELLS (182)
	49			50	
(146) HOT/COLD WELLS	51	20/2	20/2	52	ICE MAKER (171)
	53			54	
(161) ICE MAKER	55	20/2	35/2	56	COFFEE MAKER (163)
	57			58	
(114) DISPOSER	59	20/3	20/3	60	DISPOSER (134)
	61			62	
	63			64	
HOOD EXHAUST FAN	65	15/3		66	60/3 PROVISION
	67			68	
	69			70	
SHUNT TRIP	71			72	SHUNT TRIP
(141) CONV/COMBI OVEN	73	70/3 S.T.	15/3 S.T.	74	HOOD SUPPLY FAN
	75			76	
	77			78	
(163-2) COOLER CONDENSER	79	20/2	25/3	80	FREEZER CONDENSER (163-3)
	81			82	
	83			84	

2 E2.6 PANEL 'PP-K' SCHEDULE
No Scale

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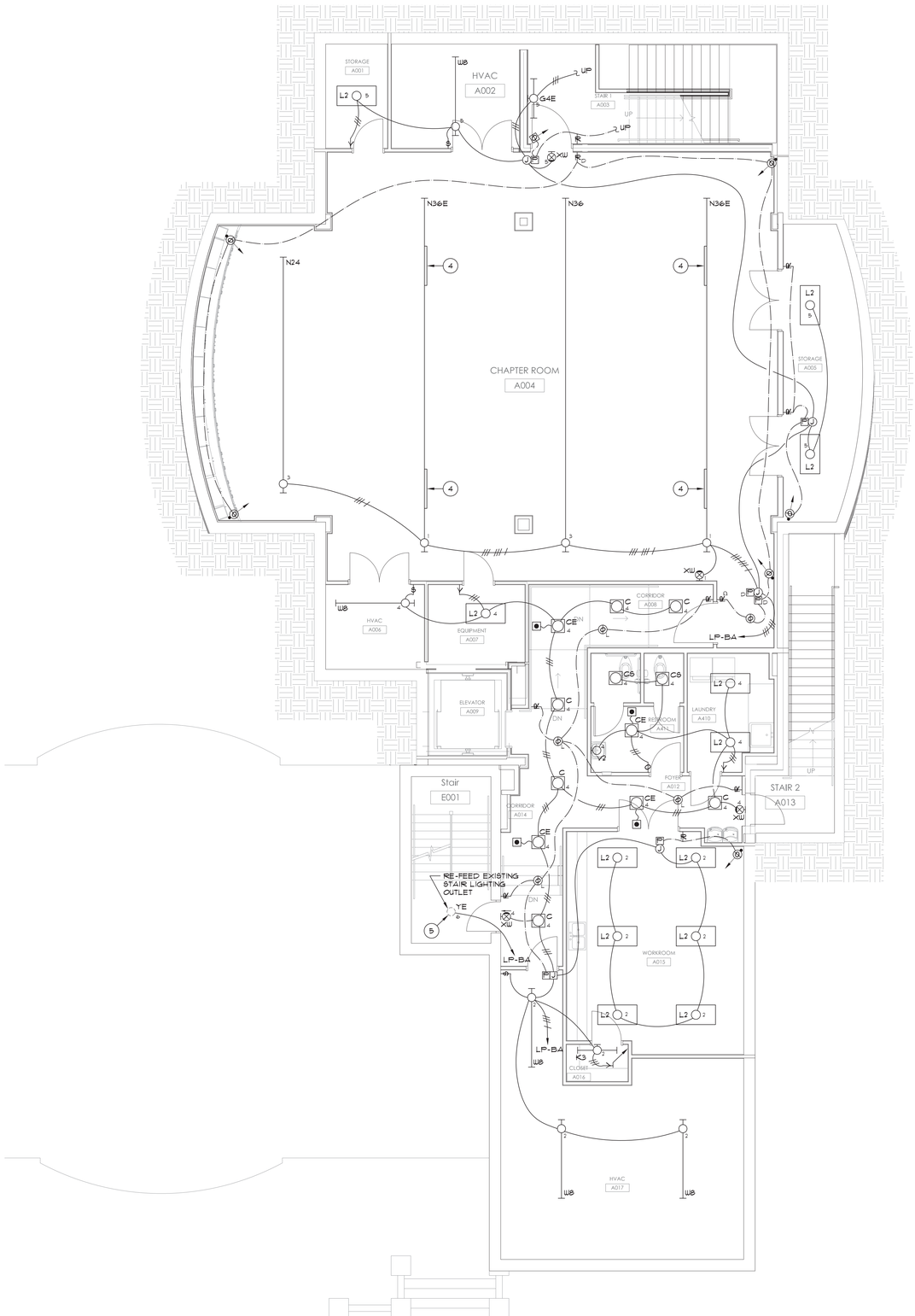
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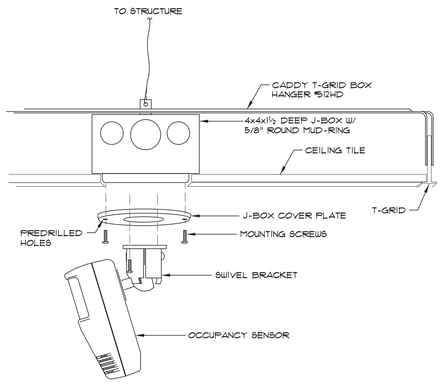
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KITCHEN PLAN AND SCHEDULE

SHEET NUMBER E2.6



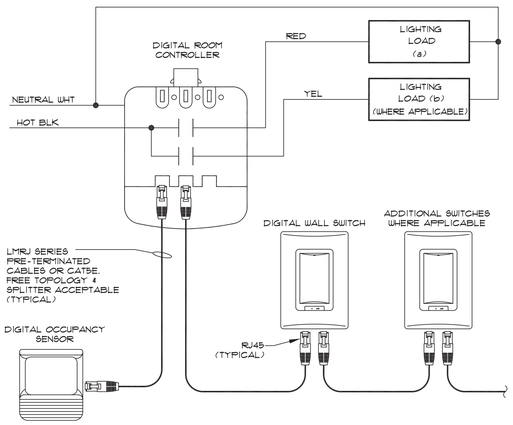
1 BASEMENT LIGHTING PLAN
E3.0 3/16" = 1'-0"



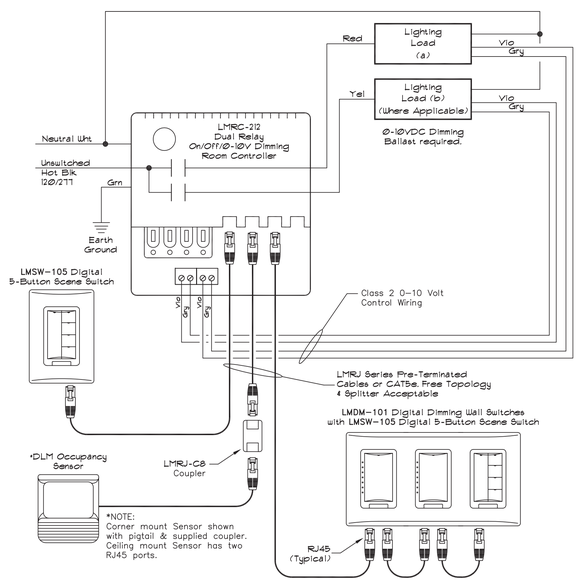
PEDESTAL MOUNTED OCCUPANCY SENSOR DETAIL
4 E3.0 NOT TO SCALE

1. PROGRAM LIGHTING CONTROLS FOR ONE LAMP EACH FIXTURE AUTO 'ON', OUTER LAMPS MANUAL 'ON'.
2. PROGRAM LIGHTING CONTROLS FOR AUTO 'ON'
3. PROGRAM LIGHTING CONTROLS FOR MANUAL 'ON'
4. EMERGENCY SECTION.
5. FIXTURE TO REPLACE EXISTING.
6. EXISTING EMERGENCY LIGHTING THIS SPACE TO BE TESTED AND REPAIRED AS REQUIRED

5 SPECIFIC NOTES
E3.0 NO SCALE



LOW VOLTAGE LIGHTING CONTROL WIRING DIAGRAM
3 E3.0 NOT TO SCALE



LOW VOLTAGE LIGHTING CONTROL DIAGRAM WITH 0-10V DIMMING
2 E3.0 NOT TO SCALE

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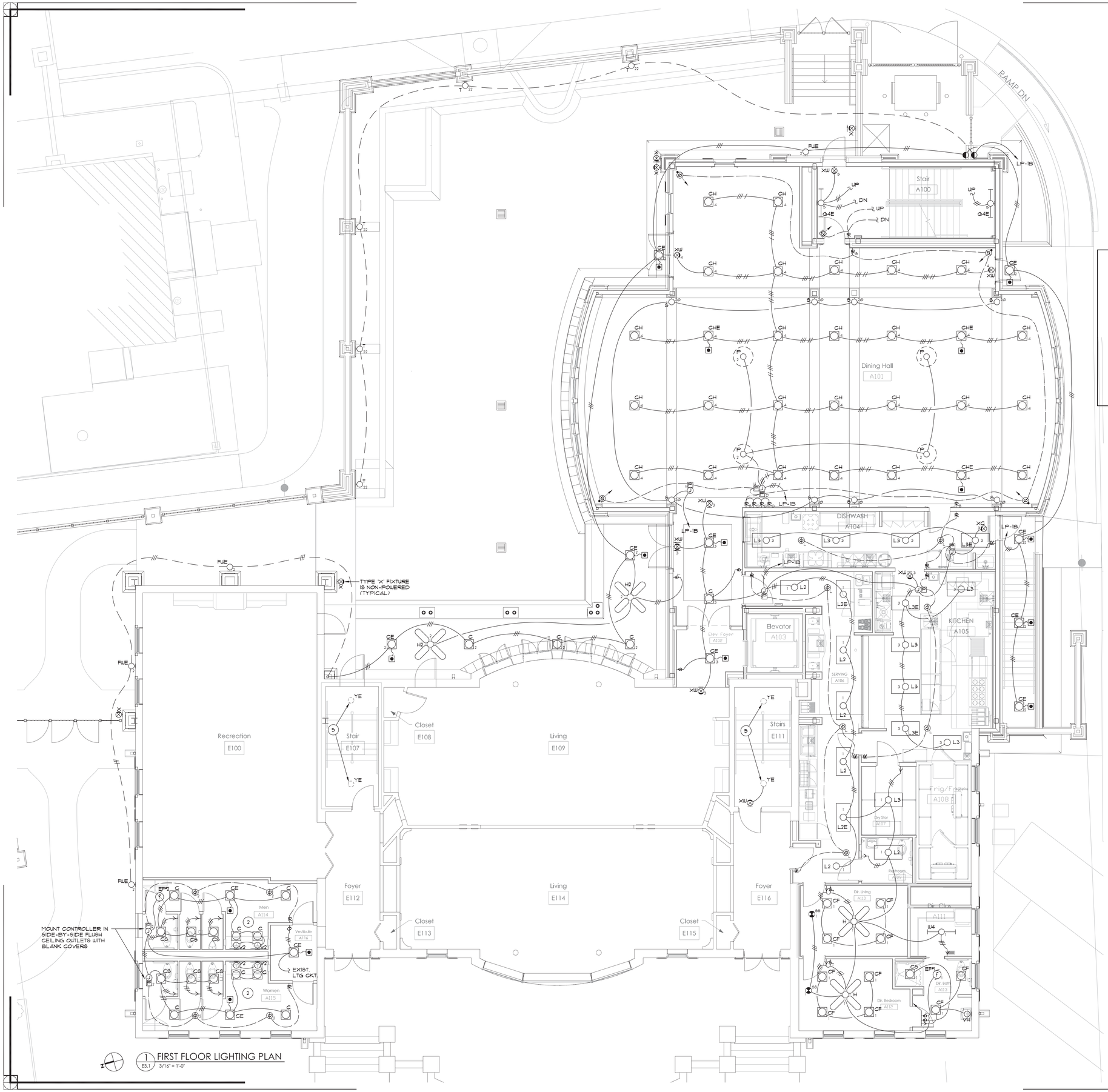
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BASEMENT LIGHTING PLAN

SHEET NUMBER E3.0



1 FIRST FLOOR LIGHTING PLAN
E3.1 3/16" = 1'-0"

1. PROGRAM LIGHTING CONTROLS FOR ONE LAMP EACH FIXTURE AUTO 'ON', OUTER LAMPS MANUAL 'ON'.
2. PROGRAM LIGHTING CONTROLS FOR AUTO 'ON'
3. PROGRAM LIGHTING CONTROLS FOR MANUAL 'ON'
4. EMERGENCY SECTION.
5. FIXTURE TO REPLACE EXISTING.
6. EXISTING EMERGENCY LIGHTING THIS SPACE TO BE TESTED AND REPAIRED AS REQUIRED

2 SPECIFIC NOTES
E3.1 NO SCALE

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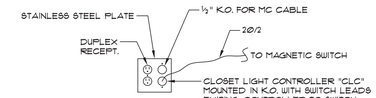
FIRST FLOOR LIGHTING PLAN

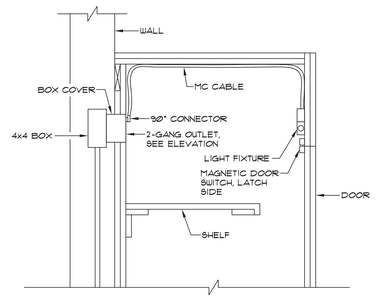
SHEET NUMBER E3.1

1 SECOND FLOOR LIGHTING PLAN
E3.2 3/16" = 1'-0"

1. PROGRAM LIGHTING CONTROLS FOR ONE LAMP EACH FIXTURE AUTO 'ON', OUTER LAMPS MANUAL 'ON'.
2. PROGRAM LIGHTING CONTROLS FOR AUTO 'ON'
3. PROGRAM LIGHTING CONTROLS FOR MANUAL 'ON'
4. EMERGENCY SECTION.
5. FIXTURE TO REPLACE EXISTING.
6. EXISTING EMERGENCY LIGHTING THIS SPACE TO BE TESTED AND REPAIRED AS REQUIRED

3 SPECIFIC NOTES
E3.2 NO SCALE





2 TYPICAL WARDROBE LIGHTING DETAIL
E3.2 NOT TO SCALE

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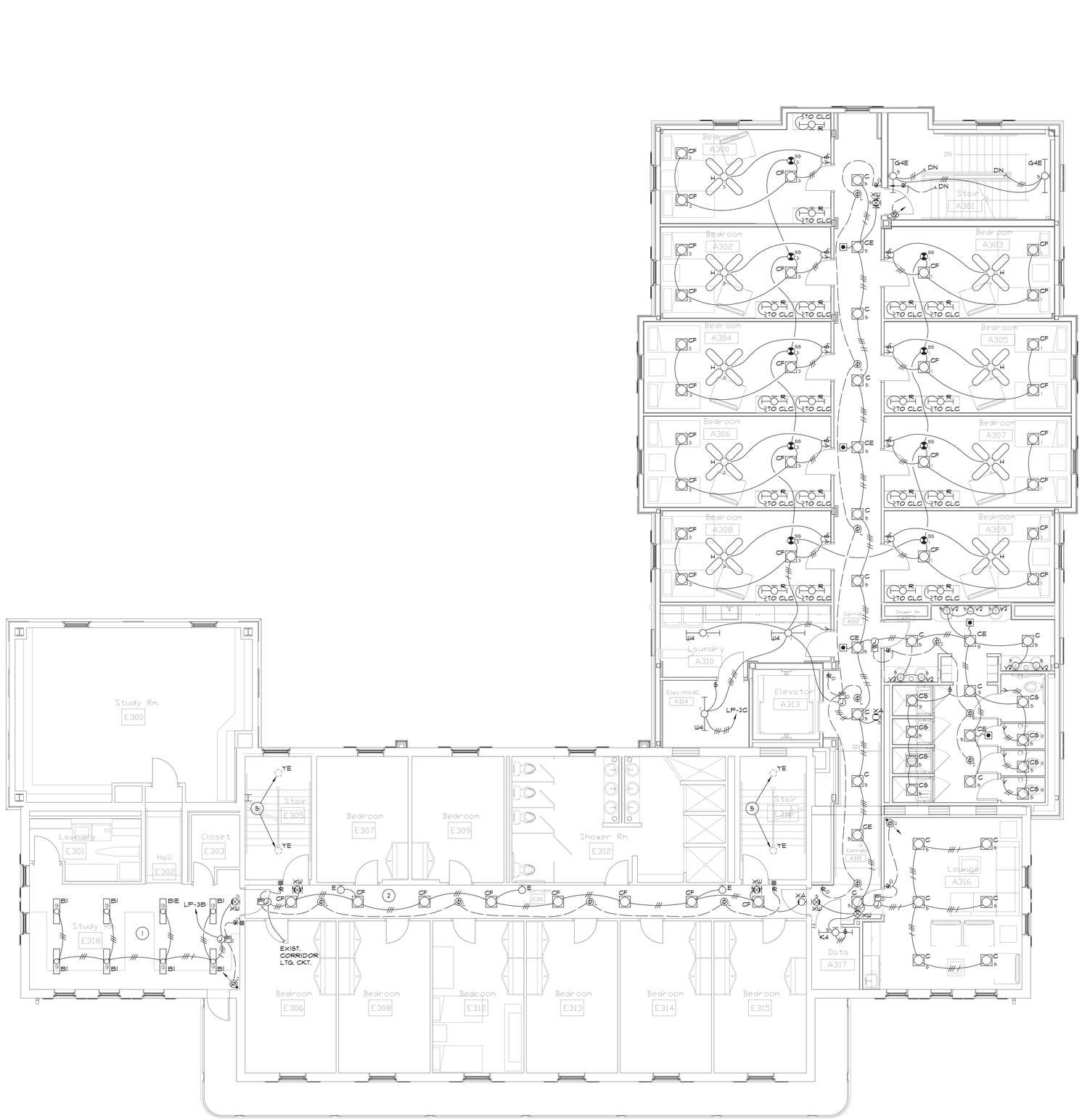
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SECOND FLOOR LIGHTING PLAN

SHEET NUMBER E3.2



1 THIRD FLOOR LIGHTING PLAN
E3.3 3/16" = 1'-0"

1. PROGRAM LIGHTING CONTROLS FOR ONE LAMP EACH FIXTURE AUTO 'ON', OUTER LAMPS MANUAL 'ON'.
2. PROGRAM LIGHTING CONTROLS FOR AUTO 'ON'
3. PROGRAM LIGHTING CONTROLS FOR MANUAL 'ON'
4. EMERGENCY SECTION.
5. FIXTURE TO REPLACE EXISTING.
6. EXISTING EMERGENCY LIGHTING THIS SPACE TO BE TESTED AND REPAIRED AS REQUIRED

2 SPECIFIC NOTES
E3.3 NO SCALE

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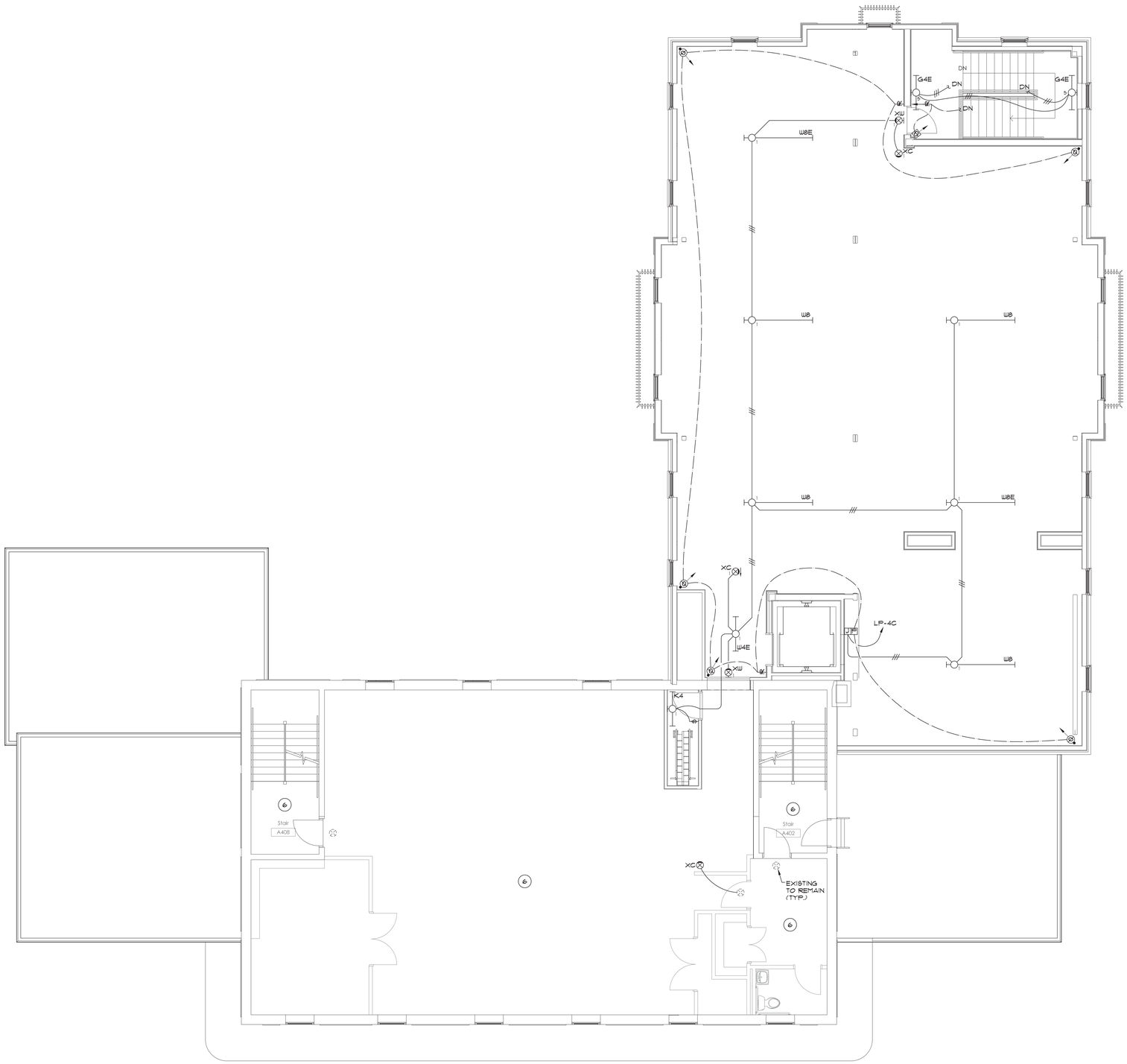
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THIRD FLOOR LIGHTING PLAN

SHEET NUMBER E3.3



1 FOURTH FLOOR LIGHTING PLAN
E3.4 3/16" = 1'-0"

1. PROGRAM LIGHTING CONTROLS FOR ONE LAMP EACH FIXTURE AUTO 'ON', OUTER LAMPS MANUAL 'ON'.
2. PROGRAM LIGHTING CONTROLS FOR AUTO 'ON'
3. PROGRAM LIGHTING CONTROLS FOR MANUAL 'ON'
4. EMERGENCY SECTION.
5. FIXTURE TO REPLACE EXISTING.
6. EXISTING EMERGENCY LIGHTING THIS SPACE TO BE TESTED AND REPAIRED AS REQUIRED

2 SPECIFIC NOTES
E3.4 NO SCALE

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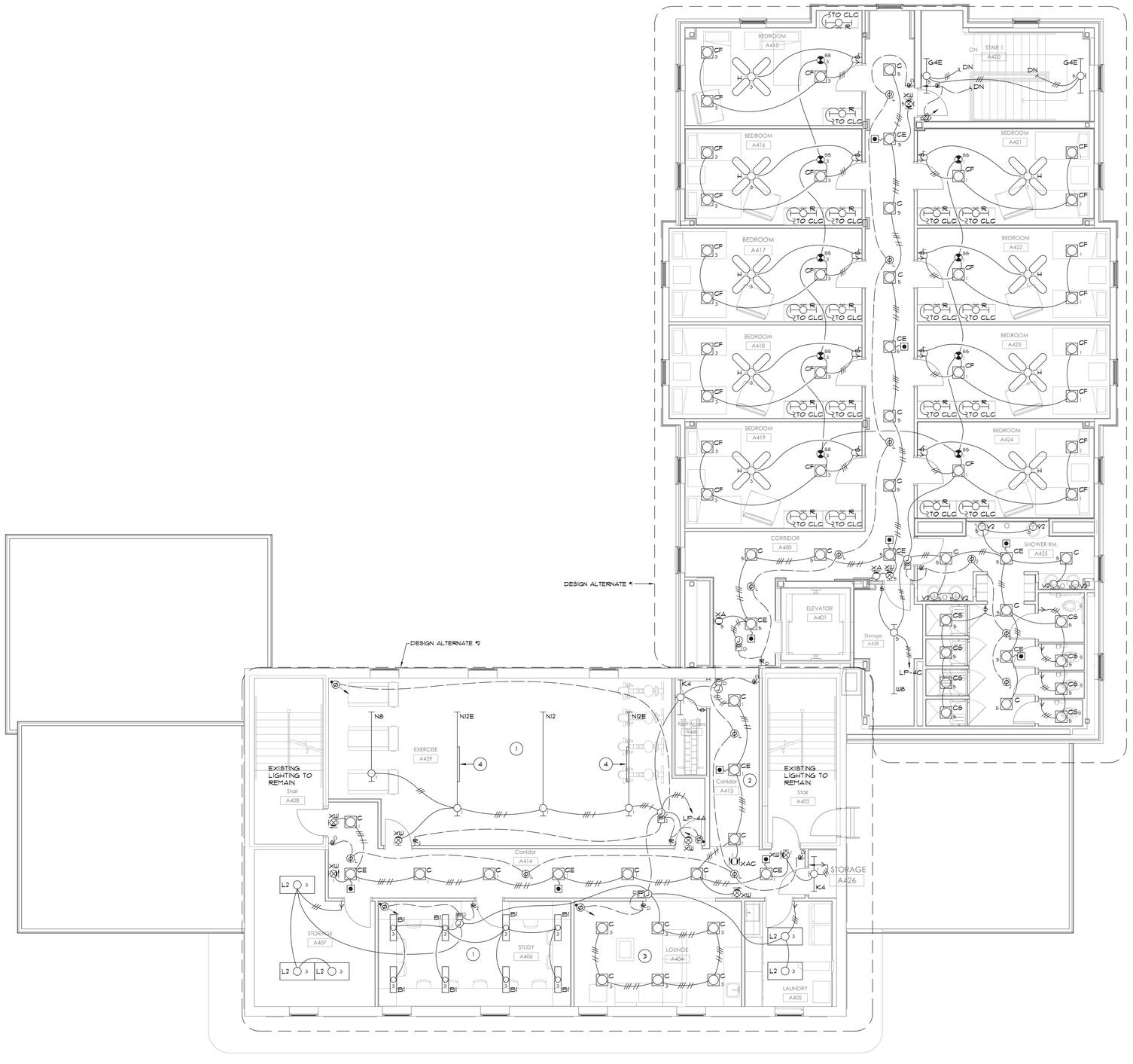
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4TH FLR LIGHTING PLAN

SHEET NUMBER E3.4



1 FOURTH FLOOR LIGHTING PLAN
E3.4A 3/16" = 1'-0"

1. PROGRAM LIGHTING CONTROLS FOR ONE LAMP EACH FIXTURE AUTO 'ON', OUTER LAMPS MANUAL 'ON'.
2. PROGRAM LIGHTING CONTROLS FOR AUTO 'ON'
3. PROGRAM LIGHTING CONTROLS FOR MANUAL 'ON'
4. EMERGENCY SECTION.
5. FIXTURE TO REPLACE EXISTING.
6. EXISTING EMERGENCY LIGHTING THIS SPACE TO BE TESTED AND REPAIRED AS REQUIRED

2 SPECIFIC NOTES
E3.4A NO SCALE

STATE OF ALABAMA REGISTERED NO. 22240 PROFESSIONAL ENGINEER RANDALL H. SMITH
1-18-2013 *224

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205.752.4420
www.ellisarchitects.com

Interior Renovations and Addition for:

Chi Omega

The University of Alabama Campus
UA Project Number: 910-12-024
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

STATE OF ALABAMA MICHAEL A. ELLIS 3692 REGISTERED ARCHITECT

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JOB No.	11039
DATE:	REV DATE:
01/18/2013	
DRAWN BY:	

4TH FLR ALTERNATE LIGHTING PLAN

SHEET NUMBER E3.4A

1. SPEAKERS IN THIS LOCATION FURNISHED AND INSTALLED BY A/V CONTRACTOR.
2. MASONRY DEPTH WALL OUTLET W/ 2-¾"C. STUBBED ABV. ACCESSIBLE CLG. FOR FUTURE A/V EQUIPMENT. COORDINATE LOCATION W/ A/V CONTRACTOR.
3. ¾"C. FROM WALL SPKR BACKBOX (BY A/V CONTRACTOR) TO ABV. ACCESSIBLE CLG. COORDINATE LOCATION W/ A/V CONTRACTOR.
4. ¾"C. FROM A/V CONTROL BACKBOX (BY A/V CONTRACTOR) TO ABV. ACCESSIBLE CLG. COORDINATE LOCATION W/ A/V CONTRACTOR.
5. 2-GANG OUTLET ABV. CLG. CONDUIT, CABLING AND JACKS SAME AS WALL COMMUNICATIONS OUTLET. COORDINATE LOCATION AND PROJECTOR REQUIREMENTS W/ A/V CONTRACTOR.
6. SINGLE GANG WALL OUTLET, HORIZONTALLY MOUNTED W/ ¾"C. STUBBED ABV. ACCESSIBLE CLG. FOR A/V CONTROLS. COORDINATE LOCATION W/ A/V CONTRACTOR.
7. A/V BACKBOARD: 48"X96"X¾" PLYWOOD, BOTTOM @ 6"AFF.
8. COMMUNICATIONS BACKBOARD 'CBB': INSTALL ¾" PLYWOOD UP TO 8'-0" AFF ON THIS WALL. STUB 2-4"C. BETWEEN 2ND AND 3RD FLOOR CBB FOR CABLING.
9. SINGLE DOOR ACCESS CONTROL LOCATION. SEE SINGLE DOOR ACCESS CONTROL DETAIL.
10. DOUBLE DOOR ACCESS CONTROL LOCATION. SEE DOUBLE DOOR ACCESS CONTROL DETAIL.
11. 2-2"C. SLEEVES FROM BELOW FLOOR TO ABV. ACCESSIBLE CLG. FOR DATACOM CABLING.
12. FURNISH AND INSTALL ADA COMPLIANT COMMUNICATIONS KIT FOR THIS ROOM. WWW.ASSISTIVEARC.COM 'ADA COMPLIANT KIT 500 W/ TTY PHONE', INCLUDING TTY PHONE, HANDSET AMPLIFIER, TELEPHONE SIGNALER, DOOR KNOCK SENSOR, ALARM CLOCK, VISUAL/ AUDIBLE SMOKE DETECTOR, SIGNAGE AND CASE.
13. T'PHONE OUTLET FOR USE W/ TTY PHONE, MAX 44" AFF. CONFIRM LOCATION WITH ARCHITECT.
14. OUTLET PART OF SURFACE RACEWAY SYSTEM, SEE POWER WIRING PLAN.
15. TELCOM HANDHOLE BOX, HUBBELL #PG3662BA36 W/ #PG3662HH00 COVER LABELED 'COMMUNICATIONS'. LOCATION AS DIRECTED BY UA.

5 SPECIFIC NOTES
E4.0 NO SCALE

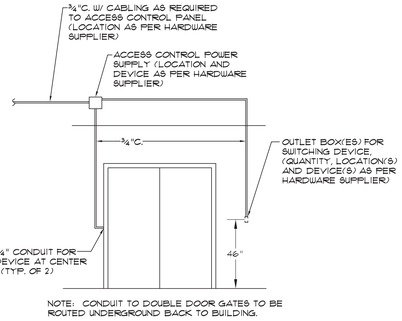
FIRE ALARM DEVICES:

FAP	FIRE ALARM PANEL, SIMPLEX #4100U CONTROL PANEL W/ VOICE CONTROL, SURFACE MOUNT.
ANN	REMOTE ANNUNCIATOR, SIMPLEX #4603-9101, FLUSH MOUNT, 54" AFF
AC	CONNECTION TO DRY PIPE SPRINKLER AIR COMPRESSOR.
ER	CONNECTION TO PRIMARY AND SECONDARY ELEVATOR RECALL
ST	CONNECTION TO SHUNT TRIP.
FS	CONNECTION TO FLOW SWITCH.
TS	CONNECTION TO TAMPER SWITCH.
SD	CONNECTION TO ELEVATOR SHAFT SMOKE DAMPER.
DL	CONNECTION TO DOOR FAIL SAFE LOCK.
FSS	CONNECTION TO HOOD FIRE SUPPRESSION SYSTEM.
	DUCT DETECTOR, SIMPLEX #4098-9756, AUXILIARY SHUTDOWN RELAY
	CEILING MOUNTED SMOKE DETECTOR, SIMPLEX #4098-9714 W/ #4098-9792 BASE
$\otimes_T$	CEILING MOUNTED HEAT DETECTOR, SIMPLEX #4098-9733 W/ #4098-9792 BASE CONNECTION TO FLOW SWITCH.
F	AUDIBLE VISUAL INDICATING DEVICE, SPEAKER, SIMPLEX #4902-9721 CEILING MOUNT SUFFIX INDICATES CANDELA SETTING
F	AUDIBLE VISUAL INDICATING DEVICE, SPEAKER, SYNCHRONIZED FLASH, SIMPLEX #4903-9355 WALL MOUNT 7'-4" AFF, SUFFIX INDICATES CANDELA SETTING
F	VISUAL INDICATING DEVICE, SYNCHRONIZED FLASH, SIMPLEX #4906-9201 OR #4906-9109, WALL MOUNT 7'-4" AFF, SUFFIX INDICATES CANDELA SETTING
M	FULL STATION, SEMI-FLUSH, SINGLE ACTION, ADDRESSIBLE, WALL MOUNT AT 48" AFF.
H	CONNECTION TO ELECTROMAGNETIC HOLD OPEN, FURNISHED BY DOOR HARDWARE SUPPLIER, INSTALLED BY ELECTRICAL CONTRACTOR, WALL OUTLET, ½"C. STUBBED ABOVE ACCESSIBLE CEILING.
S_{60}	SMOKE DETECTOR, SINGLE STATION, BRK #9120B, CEILING MOUNT, 120V WITH BATTERY BACK-UP, INTER-CONNECTABLE
CB	AREA OF RESCUE CALL BOX, RATH #2100-9585D, FLUSH MOUNT, 120V. FURNISH AND INSTALL CABLING AS REQUIRED IN ½"C. TO AREA OF RESCUE BASE STATION.
BS	AREA OF RESCUE BASE STATION, RATH #2500-105FM, FLUSH MOUNT, 120V. FURNISH AND INSTALL CABLING AS REQUIRED IN ½"C. TO EXISTING T'PHONE BACKBOARD. COORDINATE W/ T'PHONE SERVICE PROVIDER, VERIFY BASE STATION LOCATION WITH ARCHITECT.

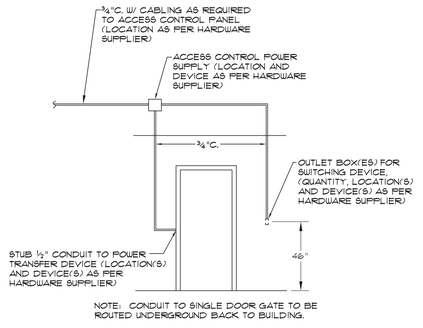
NOTES:

- THE CERTIFIED FIRE ALARM ACT REQUIRES:
  1. EVERY BUSINESS WHO INSTALLS FIRE ALARM SYSTEMS IN COMMERCIAL OCCUPANCIES MUST BE LICENSED AS A CERTIFIED FIRE ALARM CONTRACTOR. THE CONTRACTOR MUST HAVE A NICET LEVEL III TECHNICIAN IN A POSITION OF RESPONSIBILITY, AND THE LICENSE WILL BE ISSUED IN THE NAME OF THE CERTIFICATE HOLDER AND THE CONTRACTOR.
  2. TECHNICIANS WORKING FOR THE CERTIFIED CONTRACTOR MUST HOLD A CURRENT NICET LEVEL II, OR EQUIVALENT, CERTIFICATION. THE FIRE ALARM SPECIFICATIONS SHALL REQUIRE CONTRACTORS WISHING TO BID ON FIRE ALARM WORK TO SHOW EVIDENCE AT THE PRE-BID CONFERENCE THAT HE/ SHE MEETS THE CERTIFICATION REQUIREMENTS OF THE ACT AND HOLDS A PERMIT ISSUED BY THE STATE FIRE MARSHALL.
- THE FIRE ALARM SYSTEM WORK TO BE PERFORMED AS PER NFPA 72 (2007), 4.3.3 AND 4.4.4.2. SYSTEM TO BE CERTIFIED UPON COMPLETION OF WORK.
- ALL PRODUCTS INSTALLED ON PROJECT MUST BE MANUFACTURED IN THE USA OR MEET THE REQUIREMENTS OF THE AMERICAN RECOVERY AND REINVESTMENT ACT.

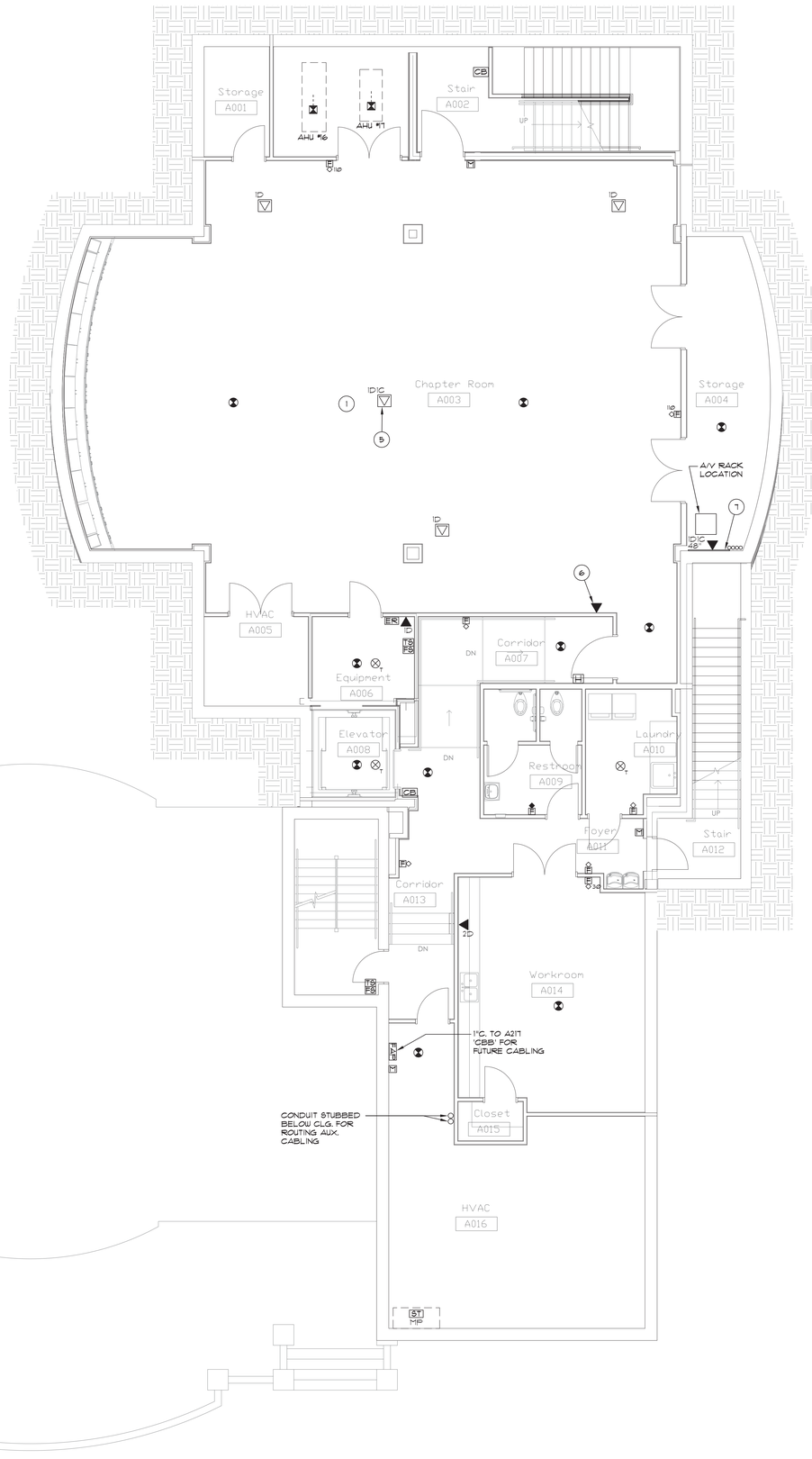
1 FIRE ALARM SYMBOLS
E4.0 NO SCALE



4 DOUBLE DOOR/ GATE ACCESS CONTROL DETAIL
E4.0 NOT TO SCALE



2 SINGLE DOOR/ GATE ACCESS CONTROL DETAIL
E4.0 NOT TO SCALE



3 BASEMENT AUXILIARY PLAN
E4.0 3/16" = 1'-0"

STATE OF ALABAMA REGISTERED NO. 22245 PROFESSIONAL ENGINEER RANDALL H. SMITH
1-18-2013 *224

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BASEMENT AUXILIARY PLAN

SHEET NUMBER E4.0

1. SPEAKERS IN THIS LOCATION FURNISHED AND INSTALLED BY A/V CONTRACTOR.
2. MASONRY DEPTH WALL OUTLET W/ 2-¾"C. STUBBED ABV. ACCESSIBLE CLG. FOR FUTURE A/V EQUIPMENT. COORDINATE LOCATION W/ A/V CONTRACTOR.
3. ¾"C. FROM WALL SPKR BACKBOX (BY A/V CONTRACTOR) TO ABV. ACCESSIBLE CLG. COORDINATE LOCATION W/ A/V CONTRACTOR.
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10. DOUBLE DOOR ACCESS CONTROL LOCATION; SEE DOUBLE DOOR ACCESS CONTROL DETAIL.
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12. FURNISH AND INSTALL ADA COMPLIANT COMMUNICATIONS KIT FOR THIS ROOM, WWW.ASSIST2HEAR.COM 'ADA COMPLIANT KIT 500 W/ TTY PHONE', INCLUDING TTY PHONE, HANDSET AMPLIFIER, TELEPHONE SIGNALER, DOOR KNOCK SENSOR, ALARM CLOCK, VISUAL/ AUDIBLE SMOKE DETECTOR, SIGNAGE AND CASE.
13. TTPHONE OUTLET FOR USE W/ TTY PHONE, MAX. 44" AFF. CONFIRM LOCATION WITH ARCHITECT.
14. OUTLET PART OF SURFACE RACEWAY SYSTEM, SEE POWER WIRING PLAN.
15. TELCOM HANDHOLE BOX, HUBBELL #PG3660BA36 W/ #PG3660HH00 COVER LABELED 'COMMUNICATIONS'. LOCATION AS DIRECTED BY UA.

2 SPECIFIC NOTES
E4.1 NO SCALE

PAD MOUNTED TRANSFORMER
1"C. TO METER BASE FOR FUTURE NETWORK MONITORING
STUB UP TO GRADE FOR FUTURE SPKR. COORDINATE W/ A/V CONTRACTOR (TYP. 4 LOCATIONS)
1"C.
4"C.
¾"C.
TO STORAGE A004 ABV. A/V RACK, SEE E4.2
TO DATA A211
RAMP DN
Stair A100
Dining Hall A101
¾"C. FOR FUTURE CABLING
¾"C. FOR FUTURE CABLING
4-2"C. FROM ABV. A/V RACK BELOW TO ABV. ACCESSIBLE CLG.
2-¾"C. SLEEVES FOR FUTURE SPKR CABLING
Serving A102
Elev Foye A104
Elevator A103
Recreation E100
Stair E107
Closet E108
Living E109
Foyer E112
Men A112
Women A113
Closet E113
Living E114
Closet E115
Foyer E116
Dry Stor A105
Frig/F A106
Restroom A107
¾"C. FOR FUTURE CABLING
Dir. Living A108
Dir. Clos. A111
Dir. Bedroom A109
Dir. Bath A110

1 FIRST FLOOR AUXILIARY PLAN
E4.1 3/16" = 1'-0"

STATE OF ALABAMA REGISTERED NO. 16245 PROFESSIONAL ENGINEER RANDALL H. SMITH
1-18-2013 *224

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FIRST FLOOR AUXILIARY PLAN

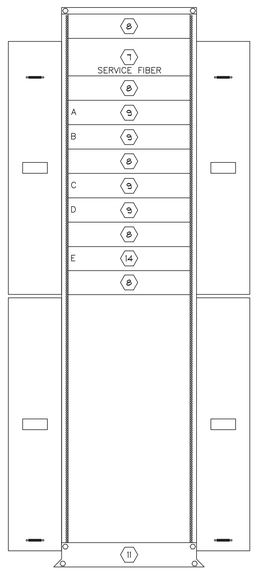
SHEET NUMBER E4.1

1. SPEAKERS IN THIS LOCATION FURNISHED AND INSTALLED BY A/V CONTRACTOR.
2. MASONRY DEPTH WALL OUTLET W/ 2-¾"C. STUBBED ABV. ACCESSIBLE CLG. FOR FUTURE A/V EQUIPMENT. COORDINATE LOCATION W/ A/V CONTRACTOR.
3. ¾"C. FROM WALL SPKR BACKBOX (BY A/V CONTRACTOR) TO ABV. ACCESSIBLE CLG. COORDINATE LOCATION W/ A/V CONTRACTOR.
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7. A/V BACKBOARD: 48"X36"X¾" PLYWOOD, BOTTOM @ 6"AFF.
8. COMMUNICATIONS BACKBOARD 'CBB': INSTALL ¾" PLYWOOD UP TO 8'-0" AFF ON THIS WALL. STUB 2-4"C. BETWEEN 2ND AND 3RD FLOOR CBB FOR CABLING.
9. SINGLE DOOR ACCESS CONTROL LOCATION, SEE SINGLE DOOR ACCESS CONTROL DETAIL.
10. DOUBLE DOOR ACCESS CONTROL LOCATION, SEE DOUBLE DOOR ACCESS CONTROL DETAIL.
11. 2-2"C. SLEEVES FROM BELOW FLOOR TO ABV. ACCESSIBLE CLG. FOR DATACOM CABLING.
12. FURNISH AND INSTALL ADA COMPLIANT COMMUNICATIONS KIT FOR THIS ROOM, WWW.ASSISTIVEARCOM 'ADA COMPLIANT KIT 5@0 W/ TTY PHONE', INCLUDING TTY PHONE, HANDSET AMPLIFIER, TELEPHONE SIGNALER, DOOR KNOCK SENSOR, ALARM CLOCK, VISUAL/ AUDIBLE SMOKE DETECTOR, SIGNAGE AND CASE.
13. T'PHONE OUTLET FOR USE W/ TTY PHONE, MAX 44" AFF. CONFIRM LOCATION WITH ARCHITECT.
14. OUTLET PART OF SURFACE RACEWAY SYSTEM, SEE POWER WIRING PLAN.
15. TELCOM HANDHOLE BOX, HUBBELL #PG3660BA36 W/ #PG3660HH00 COVER LABELED 'COMMUNICATIONS'. LOCATION AS DIRECTED BY UA.

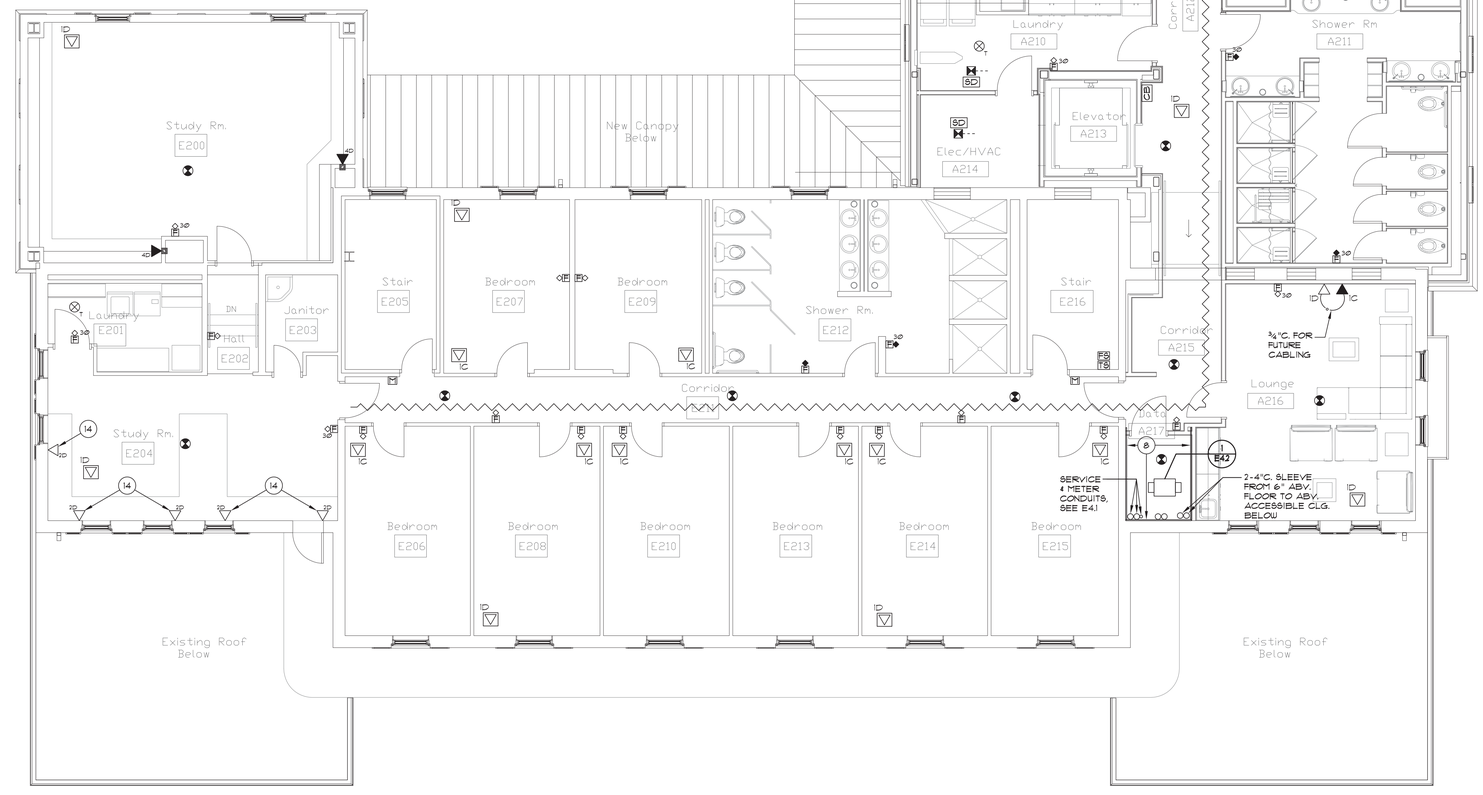
4 SPECIFIC NOTES
E4.2 NO SCALE

7. LEVITON #5R2UA-A06 OPT-X 500 RACK MOUNT FIBER PATCH PANEL, MOUNTING PLATES AND ADAPTERS AS REQUIRED.
8. LEVITON #492RU-HFR VERSI-DUCT HORIZONTAL CABLE MANAGER.
9. LEVITON #69586-U48 GIGAMAX 6+ UNIVERSAL 48 PORT PATCH PANEL.
11. HUBBELL #CS1876 7' NEXTFRAME EQUIPMENT RACK WITH 6" 'Z' CHANNELS
14. LEVITON #69586-U24 GIGAMAX 6+ UNIVERSAL 24 PORT PATCH PANEL, INSTALL 5@ PAIR COPPER CABLE TO LEVITON #4IAB2-1F4 I@@ CONNECTION BLOCKS AT TELEPHONE EQUIPMENT BACKBOARD.

TELECOM EQUIPMENT
3 RACK DETAIL
E4.2 NO SCALE



TELECOM EQUIPMENT
1 RACK DETAIL
E4.2 NO SCALE



2 SECOND FLOOR AUXILIARY PLAN
E4.2 3/16" = 1'-0"

STATE OF ALABAMA REGISTERED NO. 19245 PROFESSIONAL ENGINEER RANDALL H. SMITH
1-18-2013 #224

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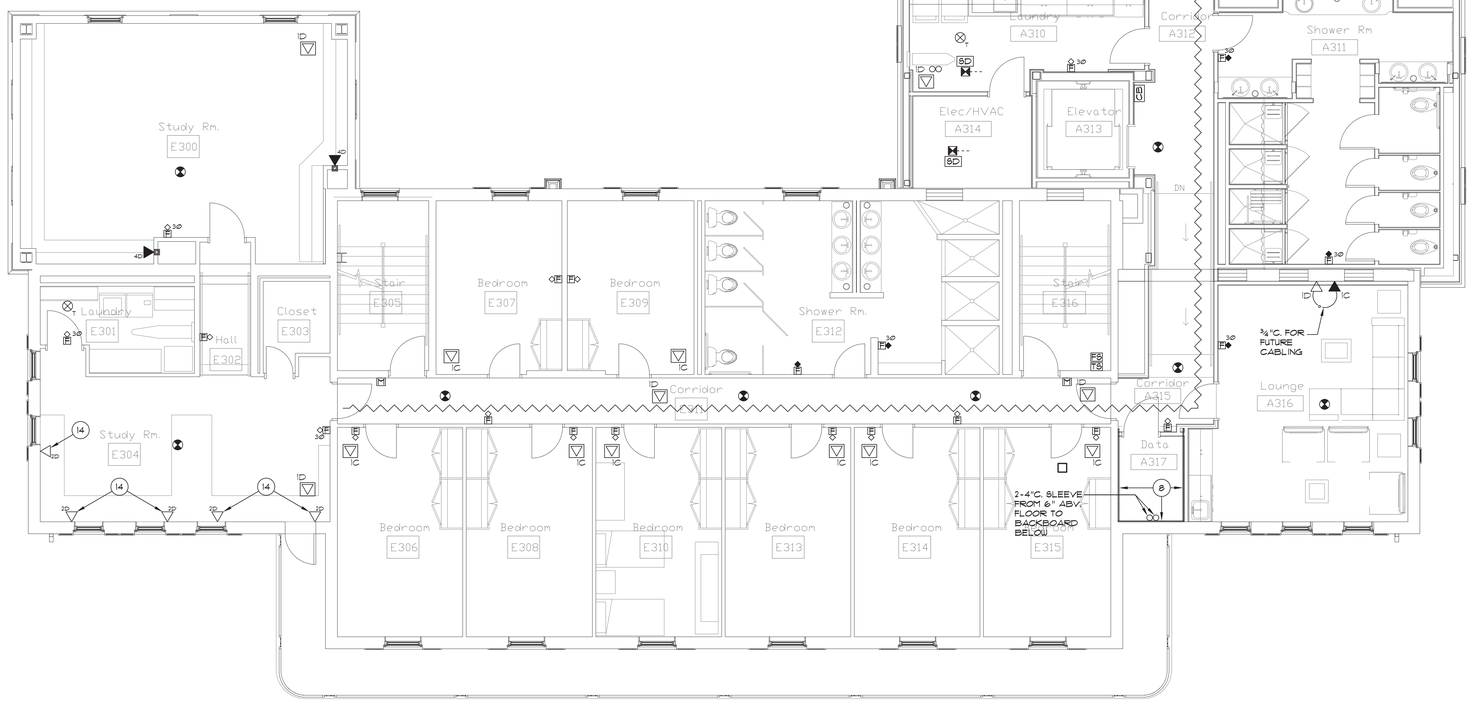
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01/18/2013	
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SECOND FLOOR AUXILIARY PLAN

SHEET NUMBER E4.2

1. SPEAKERS IN THIS LOCATION FURNISHED AND INSTALLED BY A/V CONTRACTOR.
2. MASONRY DEPTH WALL OUTLET W/ 2-¾"C. STUBBED ABV. ACCESSIBLE CLG. FOR FUTURE A/V EQUIPMENT. COORDINATE LOCATION W/ A/V CONTRACTOR.
3. ¾"C. FROM WALL SPKR BACKBOX (BY A/V CONTRACTOR) TO ABV. ACCESSIBLE CLG. COORDINATE LOCATION W/ A/V CONTRACTOR.
4. ¾"C. FROM A/V CONTROL BACKBOX (BY A/V CONTRACTOR) TO ABV. ACCESSIBLE CLG. COORDINATE LOCATION W/ A/V CONTRACTOR.
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6. SINGLE GANG WALL OUTLET, HORIZONTALLY MOUNTED W/ ¾"C. STUBBED ABV. ACCESSIBLE CLG. FOR A/V CONTROLS. COORDINATE LOCATION W/ A/V CONTRACTOR.
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8. COMMUNICATIONS BACKBOARD 'CBB'; INSTALL ¾" PLYWOOD UP TO 8'-0" AFF ON THIS WALL. STUB 2-4"C. BETWEEN 2ND AND 3RD FLOOR CBB FOR CABLING.
9. SINGLE DOOR ACCESS CONTROL LOCATION, SEE SINGLE DOOR ACCESS CONTROL DETAIL.
10. DOUBLE DOOR ACCESS CONTROL LOCATION, SEE DOUBLE DOOR ACCESS CONTROL DETAIL.
11. 2-2"C. SLEEVES FROM BELOW FLOOR TO ABV. ACCESSIBLE CLG. FOR DATACOM CABLING.
12. FURNISH AND INSTALL ADA COMPLIANT COMMUNICATIONS KIT FOR THIS ROOM, WWW.ASSISTHEAR.COM 'ADA COMPLIANT KIT 500 W/ TTY PHONE', INCLUDING TTY PHONE, HANDSET AMPLIFIER, TELEPHONE SIGNALER, DOOR KNOCK SENSOR, ALARM CLOCK, VISUAL/ AUDIBLE SMOKE DETECTOR, SIGNAGE AND CASE.
13. T'PHONE OUTLET FOR USE W/ TTY PHONE, MAX 44" AFF. CONFIRM LOCATION WITH ARCHITECT.
14. OUTLET PART OF SURFACE RACEWAY SYSTEM, SEE POWER WIRING PLAN.
15. TELCOM HANDHOLE BOX, HUBBELL #PG3660BA36 W/ #PG3660HH00 COVER LABELED 'COMMUNICATIONS', LOCATION AS DIRECTED BY UA.

2 E4.3 SPECIFIC NOTES
NO SCALE



1 E4.3 THIRD FLOOR AUXILIARY PLAN
3/16" = 1'-0"

STATE OF ALABAMA REGISTERED PROFESSIONAL ENGINEER RANDALL H. SMITH NO. 24245
1-16-2013 *224

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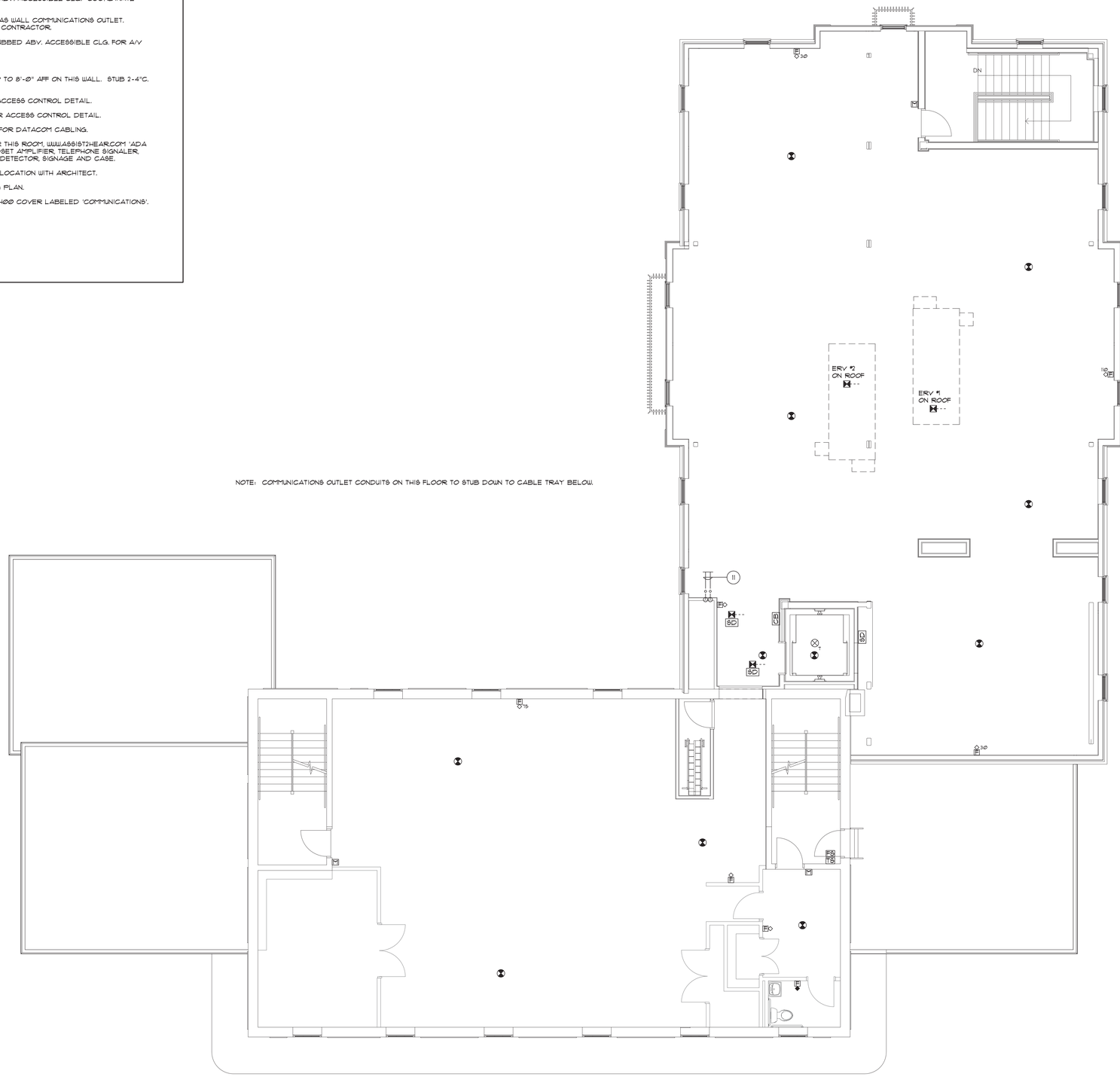
THIRD FLOOR AUXILIARY PLAN

SHEET NUMBER E4.3

1. SPEAKERS IN THIS LOCATION FURNISHED AND INSTALLED BY A/V CONTRACTOR.
2. MASONRY DEPTH WALL OUTLET W/ 2-¾"C. STUBBED ABV. ACCESSIBLE CLG. FOR FUTURE A/V EQUIPMENT. COORDINATE LOCATION W/ A/V CONTRACTOR.
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5. 2-GANG OUTLET ABV. CLG. CONDUIT, CABLING AND JACKS SAME AS WALL COMMUNICATIONS OUTLET. COORDINATE LOCATION AND PROJECTOR REQUIREMENTS W/ A/V CONTRACTOR.
6. SINGLE GANG WALL OUTLET, HORIZONTALLY MOUNTED W/ ¾"C. STUBBED ABV. ACCESSIBLE CLG. FOR A/V CONTROLS. COORDINATE LOCATION W/ A/V CONTRACTOR.
7. A/V BACKBOARD: 48"X96"X¾" PLYWOOD, BOTTOM @ 6"AFF.
8. COMMUNICATIONS BACKBOARD 'CBB': INSTALL ¾" PLYWOOD UP TO 8'-0" AFF ON THIS WALL. STUB 2-4"C. BETWEEN 2ND AND 3RD FLOOR CBB FOR CABLING.
9. SINGLE DOOR ACCESS CONTROL LOCATION, SEE SINGLE DOOR ACCESS CONTROL DETAIL.
10. DOUBLE DOOR ACCESS CONTROL LOCATION, SEE DOUBLE DOOR ACCESS CONTROL DETAIL.
11. 2-2"C. SLEEVES FROM BELOW FLOOR TO ABV. ACCESSIBLE CLG. FOR DATACOM CABLING.
12. FURNISH AND INSTALL ADA COMPLIANT COMMUNICATIONS KIT FOR THIS ROOM, WWW.ASSIST2HEAR.COM 'ADA COMPLIANT KIT 500 W/ TTY PHONE', INCLUDING TTY PHONE, HANDSET AMPLIFIER, TELEPHONE SIGNALLER, DOOR KNOCK SENSOR, ALARM CLOCK, VISUAL/ AUDIBLE SMOKE DETECTOR, SIGNAGE AND CASE.
13. TTPHONE OUTLET FOR USE W/ TTY PHONE, MAX 44" AFF. CONFIRM LOCATION WITH ARCHITECT.
14. OUTLET PART OF SURFACE RACEWAY SYSTEM, SEE POWER WIRING PLAN.
15. TELCOM HANDHOLE BOX, HUBBELL #PG3660BA36 W/ #PG3660HH00 COVER LABELED 'COMMUNICATIONS'. LOCATION AS DIRECTED BY UA.

2 SPECIFIC NOTES
E4.4 NO SCALE

NOTE: COMMUNICATIONS OUTLET CONDUITS ON THIS FLOOR TO STUB DOWN TO CABLE TRAY BELOW.



1 FOURTH FLOOR AUXILIARY PLAN
E4.4 3/16" = 1'-0"

STATE OF ALABAMA REGISTERED PROFESSIONAL ENGINEER RANDALL H. SMITH NO. 22610
1-16-2013 #224

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Consulting Engineers
210 Eighth Street
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EllisArchitects
631 Helen Keller Boulevard, Suite 300
Tuscaloosa, Alabama 35404
205.752.4420
www.ellisarchitects.com

Interior Renovations and Addition for:

Chi Omega

The University of Alabama Campus
UA Project Number. 910-12-024
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

STATE OF ALABAMA MICHAEL A. ELLIS 3692 REGISTERED ARCHITECT

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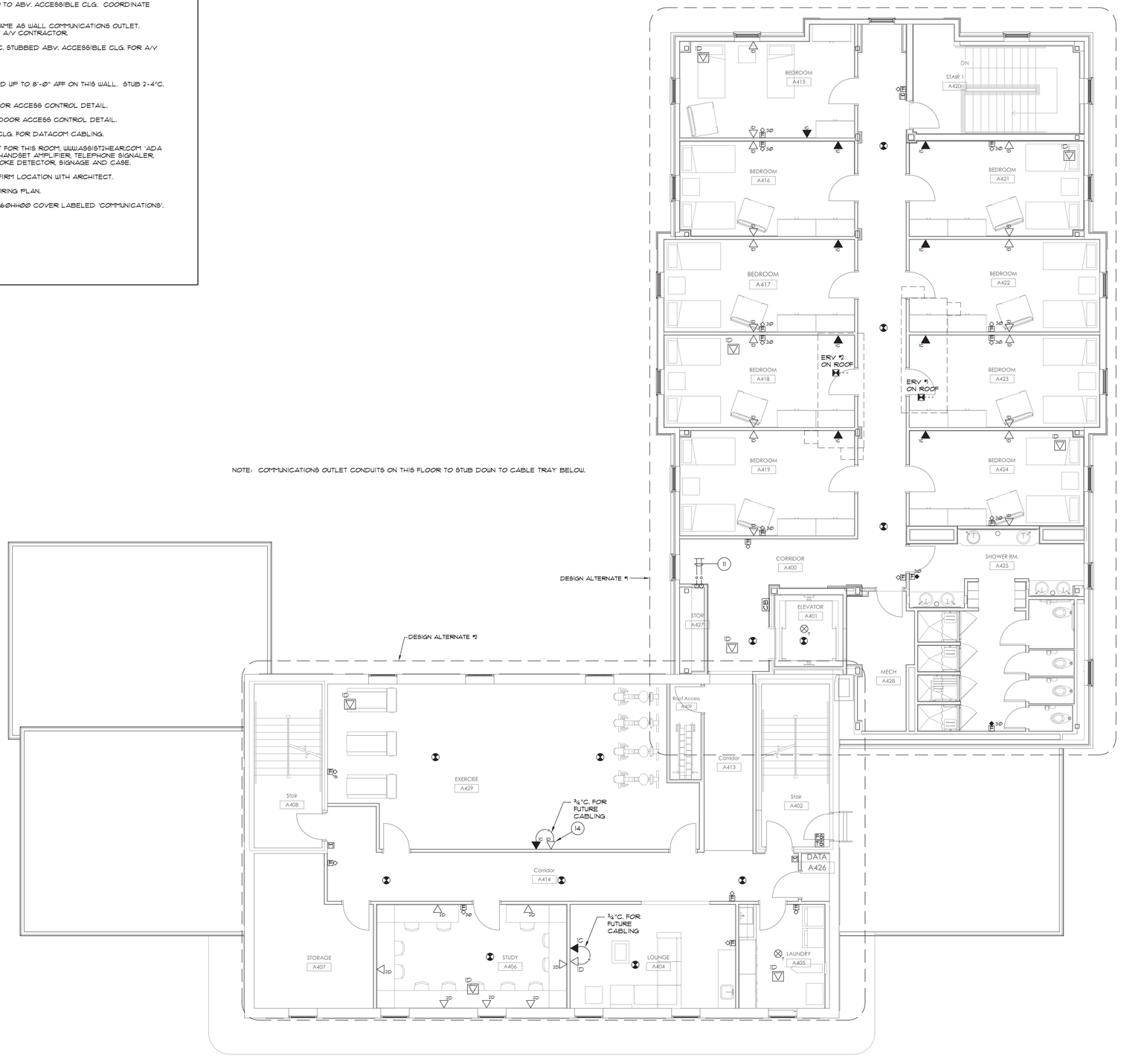
4TH FLOOR AUXILIARY PLAN

SHEET NUMBER E4.4

1. SPEAKERS IN THIS LOCATION FURNISHED AND INSTALLED BY A/V CONTRACTOR.
2. MASONRY DEPTH WALL OUTLET W/ 2-¾"C. STUBBED ABV. ACCESSIBLE CLG. FOR FUTURE A/V EQUIPMENT. COORDINATE LOCATION W/ A/V CONTRACTOR.
3. ¾"C. FROM WALL SPKR BACKBOX (BY A/V CONTRACTOR) TO ABV. ACCESSIBLE CLG. COORDINATE LOCATION W/ A/V CONTRACTOR.
4. ¾"C. FROM A/V CONTROL BACKBOX (BY A/V CONTRACTOR) TO ABV. ACCESSIBLE CLG. COORDINATE LOCATION W/ A/V CONTRACTOR.
5. 2-GANG OUTLET ABV. CLG, CONDUIT, CABLING AND JACKS SAME AS WALL COMMUNICATIONS OUTLET. COORDINATE LOCATION AND PROJECTOR REQUIREMENTS W/ A/V CONTRACTOR.
6. SINGLE GANG WALL OUTLET, HORIZONTALLY MOUNTED W/ ¾"C. STUBBED ABV. ACCESSIBLE CLG. FOR A/V CONTROLS. COORDINATE LOCATION W/ A/V CONTRACTOR.
7. A/V BACKBOARD: 48"X96"X¾" PLYWOOD, BOTTOM @ 6"AFF.
8. COMMUNICATIONS BACKBOARD 'CBB'. INSTALL ¾" PLYWOOD UP TO 8'-0" AFF ON THIS WALL. STUB 2-4"C. BETWEEN 2ND AND 3RD FLOOR CBB FOR CABLING.
9. SINGLE DOOR ACCESS CONTROL LOCATION, SEE SINGLE DOOR ACCESS CONTROL DETAIL.
10. DOUBLE DOOR ACCESS CONTROL LOCATION, SEE DOUBLE DOOR ACCESS CONTROL DETAIL.
11. 2-2"C. SLEEVES FROM BELOW FLOOR TO ABV. ACCESSIBLE CLG. FOR DATACOM CABLING.
12. FURNISH AND INSTALL ADA COMPLIANT COMMUNICATIONS KIT FOR THIS ROOM, WWW.ASSIST2HEAR.COM 'ADA COMPLIANT KIT 500 W/ TTY PHONE', INCLUDING TTY PHONE, HANDSET AMPLIFIER, TELEPHONE SIGNALLER, DOOR KNOCK SENSOR, ALARM CLOCK, VISUAL/ AUDIBLE SMOKE DETECTOR, SIGNAGE AND CASE.
13. TPHONE OUTLET FOR USE W/ TTY PHONE, MAX 44" AFF. CONFIRM LOCATION WITH ARCHITECT.
14. OUTLET PART OF SURFACE RACEWAY SYSTEM, SEE POWER WIRING PLAN.
15. TELCOM HANDHOLE BOX, HUBBELL #PG3660BA36 W/ #PG3660HH00 COVER LABELED 'COMMUNICATIONS'. LOCATION AS DIRECTED BY UA.

2 SPECIFIC NOTES
E4.4A NO SCALE

NOTE: COMMUNICATIONS OUTLET CONDUITS ON THIS FLOOR TO STUB DOWN TO CABLE TRAY BELOW.



1 FOURTH FLOOR AUXILIARY PLAN - ALTERNATE
E4.4A 3/16" = 1'-0"

STATE OF ALABAMA REGISTERED PROFESSIONAL ENGINEER RANDALL H. SMITH 1-16-2013 #224

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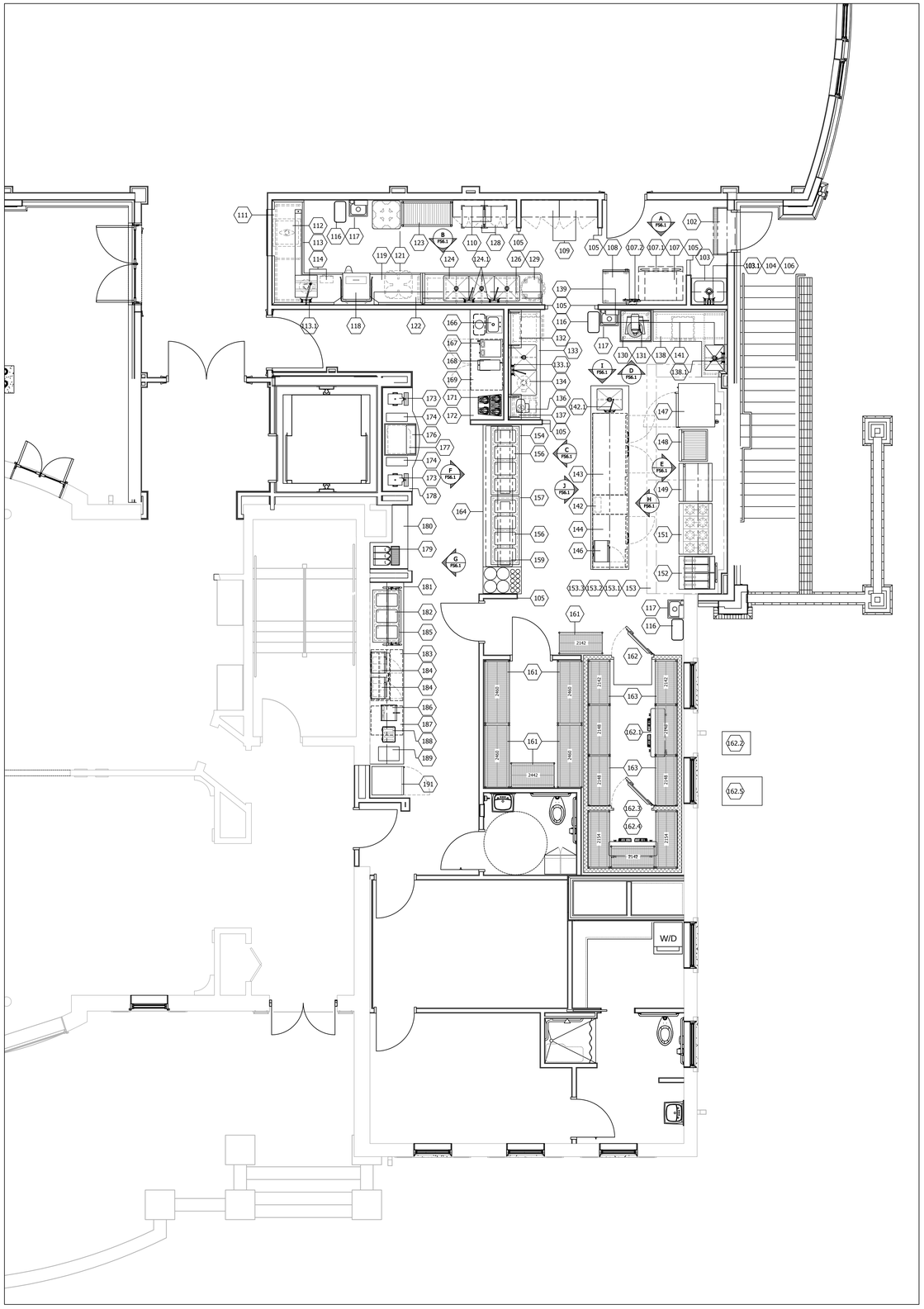
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4TH FLOOR AUX. PLAN- ALT.

SHEET NUMBER E4.4A



1 FS1.1 FOODSERVICE EQUIPMENT PLAN & SCHEDULE

1/4" = 1'-0"

EQUIPMENT SCHEDULE

ITEM NO	QTY	EQUIPMENT CATEGORY	MANUFACTURER	MODEL NUMBER	EQUIPMENT REMARKS
101	1	CAN WASH			BY GC TO BE LOCATED
101.1	1	FAUCET, SERVICE	T & S BRASS	B-0655-BSTP	BY KEC
102	1	AIR CURTAIN			BY OTHERS
103	1	SINK, MOP	ADVANCE TABCO	9-OP-48	BY KEC
103.1	1	FAUCET, SERVICE	T & S BRASS	B-0655-BSTP	BY KEC
104	1	CHEMICAL SHELF	ACF	CUSTOM	BY KEC
105	1LOT	ANGLE GUARD-S/S	ACF	CUSTOM	BY KEC
106	1	MOP RACK	ADVANCE TABCO	K-242	BY KEC
107	1	ICE MAKER	HOSHIZAKI	KML-630MAH	BY OWNER, EXISTING
107.1	1	BIN, ICE			BY OWNER, EXISTING
107.2	1	FILTER SYSTEM	HOSHIZAKI	9320-12	BY KEC
108	1	CABINET, HOLDING/PROOFING	METRO	C175-CVN	BY KEC
109	2	CABINETS, WALL MTD			BY OWNER, EXISTING
110	2	CABINETS, WALL MTD			BY OWNER, EXISTING
111	1	PULL DOWN SECURITY DOOR			BY G.C.
112	1	SINK, MOBILE	ADVANCE TABCO	9-FSS-20	BY KEC
113	1	SOILED DISHTABLE W/ TROUGH & SINK	ACF	CUSTOM	BY KEC
113.1	1	PRE-RINSE FAUCET, WALL MOUNT	T & S BRASS	B-0133-BR	BY KEC
114	1	DISPOSER, GARBAGE	SALVAJOR	200-SA-ARSS	BY KEC
115	"	OPEN ITEM			
116	3	TRASH RECEPTACLE	RUBBERMAID	FG354000BLA	BY OWNER
117	3	HAND SINK, WALL MOUNT	ADVANCE TABCO	7-PS-82	BY KEC
118	1	WAREWASHER, RACK CONVEYOR	AUTO-CHLOR	A4	BY OWNER
119	1	CLEAN DISHTABLE	ACF	CUSTOM	BY KEC
120	"	OPEN ITEM			
121	1LOT	DOLLY, DISHRACK	METRO	PCD11A	BY KEC
122	1	OVERSHELF CABINET 2-TIER	ACF	CUSTOM	BY KEC
123	1	RACK, POT & PAN	NEW AGE	PM2448	BY KEC
124	1	3 COMP. POT SINK	ACF	CUSTOM	BY KEC
124.1	2	FAUCET, WALL MOUNT	T & S BRASS	B-0231	BY KEC
125	"	OPEN ITEM			
126	1	POT RACK, WALL MTD, S/S	ACF	CUSTOM	BY KEC
127	2	SHELVING 3-TIER	METRO	METROSEAL	BY KEC
128	1LOT	DOLLY, DISHRACK	METRP	D2020N	BY KEC
129	1LOT	GARBAGE CAN, MOBILE	RUBBERMAID	32 GAL BRUTE	BY OWNER
130	1	MOBILE MIXER STAND	ACF	CUSTOM	BY KEC, NOT SHOWN ON PLANS
131	1	MIXER, COUNTER	GLOBE	SP20	BY KEC, NOT SHOWN ON PLANS
132	2	WALL SHELF	ACF	CUSTOM	BY KEC
133	1	VEGETABLE PREP TABLE W/ SINKS	ACF	CUSTOM	BY KEC
133.1	1	FAUCET, WALL MOUNT	T & S BRASS	B-0231	BY KEC
134	1	DISPOSER, GARBAGE	SALVAJOR	200-SA-ARSS	BY KEC
135	"	OPEN ITEM			
136	1	CUTTER, VEGETABLE	ROBOT COUPE	CL30 SERIES A	BY KEC
137	2	WALL SHELF	ACF	CUSTOM	BY KEC
138	1	TABLE, MEAT PREP W/ SINK	ACF	CUSTOM	BY KEC
138.1	1	FAUCET, WALL MOUNT	T & S BRASS	B-0231	BY KEC
139	1	CABINET, WALL MTD			BY KEC
140	"	OPEN ITEM			
141	1	SHELF, WALL MTD, S/S	ACF	CUSTOM	BY KEC
142	1	CHEFS COUNTER W/ OVERSHELF, POT RACK & SINK	ACF	CUSTOM	BY KEC
142.1	1	FAUCET, DECK MOUNT	T & S BRASS	B-0221	BY KEC
143	1	REFRIGERATOR, UNDERCOUNTER	VICTORY	URS-2-S7	BY KEC
144	1	FREEZER, UNDERCOUNTER	VICTORY	UFS-1-S7	BY KEC
145	"	OPEN ITEM			
146	1	OVEN, MICROWAVE	PANASONIC	NE-1054	BY KEC
147	1	OVEN, CONVECTION/COMBI-OVEN, ELECTRIC	BLODGETT COMBI	BK-14E STACKED ON CNVX-14E W/ 6" CASTERS	BY KEC
148	1	BROILER, UNDER-FIRED / GAS, W/ STAND	JADE	3B-30	BY KEC
149	1	RANGE, RESTAURANT, GAS	JADE	JSR-36G-36	BY KEC
150	"	OPEN ITEM			
151	1	RANGE, RESTAURANT, GAS	JADE	JSR-B-36	BY KEC
152	1	FRYER BATTERY, DEEP FAT, GAS W/FILTER	PITCO	2-SG14T-SS/FD	BY KEC
153	1LOT	EXHAUST HOOD			BY MECHANICAL
153.1	1	EXHAUST FAN SYSTEM			BY MECHANICAL
153.2	1	RETURN AIR FAN SYSTEM			BY MECHANICAL
153.3	1	FIRE SUPPRESSION SYSTEM			BY MECHANICAL
154	1	SERVING COUNTER	ACF / MILLWORK	CUSTOM	BY KEC
155	"	OPEN ITEM			
156	2	DROP-IN, HOT / COLD WELLS	LOW TEMP	QSCHP-4	BY KEC
157	1	FAUCET, FILL W/ HOSE	T & S BRASS	B-0101-ORK2-B-KT	BY KEC
158	"	OPEN ITEM			
159	1	SNEEZE GUARD	ACF	CUSTOM W/ LIGHTS & HEAT LAMP (2 HATCO GRAL-54)	BY KEC
160	1LOT	MILLWORK CABINETS-OVERHEAD			BY MILLWORK
161	1LOT	SHELVING, WIRE 5 TIER, DRY STORAGE	METRO	NK3 SERIES	BY KEC
162	1	COOLER, WALK-IN	MASTER-BILT	CUSTOM	BY KEC
162.1	1	EVAPORATOR COIL (COOLER)	MASTER-BILT	E1H20090A	BY KEC
162.2	1	REMOTE CONDENSER (COOLER)	MASTER-BILT	MHH20111C	BY KEC, VERIFY LOCATION
162.3	1	FREEZER, WALK-IN	MASTER-BILT	CUSTOM	BY KEC
162.4	1	EVAPORATOR COIL (FREEZER)	MASTER-BILT	E1L20075B	BY KEC
162.5	1	REMOTE CONDENSER (FREEZER)	MASTER-BILT	MHL20091C	BY KEC, VERIFY LOCATION
163	1LOT	SHELVING, WIRE 4 TIER, COOLER / FREEZER	METRO	NK3 SERIES	BY KEC
164	1	PULL DOWN SECURITY DOOR			BY G.C.
165	"	OPEN ITEM			
166	1	SINK, DROP-IN	ADVANCE TABCO	DI-1-30	BY KEC
167	1	COFFEE MAKER, AIRPOT, AUTOMATIC	BUNN-O-MATIC	23400.0046	BY KEC
168	1	ICED TEA BREWER	BUNN-O-MATIC	24400.0000	BY KEC
169	1	REFRIGERATOR, UNDERCOUNTER, COMPACT	TRUE	TUC-48-LP	BY KEC
170	"	OPEN ITEM			
171	1	AIRPOT STAND/BASE	BUNN-O-MATIC	25371.0002	BY KEC
172	1	COFFEE COUNTER	ACF / MILLWORK	CUSTOM	BY KEC
173	2	DISPENSER, ICE TEA/ICE COFFEE	BUNN-O-MATIC	03250.0004	BY KEC
174	4	CUP DISPENSER	DISP-RITE		BY KEC
175	"	OPEN ITEM			
176	1	DISPENSER, ICE	MANITOWOC	M-250 W/ WATER DISPENSER	BY KEC
177	1	ICE MAKER, COMPRESSED STYLE	FOLLETT	HCC1000AHS	BY KEC
178	1	BEVERAGE COUNTER W/ DRIP TROUGHS	ACF / MILLWORK	CUSTOM	BY KEC
179	1	CEREAL DISPENSERS			BY OWNER
180	1	CEREAL COUNTER	ACF / MILLWORK	CUSTOM	BY MILLWORK
181	1	COUNTER	ACF	CUSTOM	BY KEC
182	1	DROP-IN, HOT / COLD WELLS	LOW TEMP	QSCHP-3	BY KEC
183	1	REFRIGERATOR, SANDWICH/SALAD PREP	TRUE	TSSU-48-12D-4-ADA	BY KEC
184	2	OVEN, MICROWAVE	PANASONIC	NE-1024	BY KEC
185	1	SNEEZE GUARD	ACF	ACF-TSG-60 W/LIGHT AND HEATLAMP GRAHL54	BY KEC
186	1	PANINI GRILLE, SMOOTH PLATES	NUOVA SIMONELLI	P1L/FLT	BY KEC
187	1	FREEZER, UNDERCOUNTER	TRUE	TUC-27F-D-2	BY KEC
188	1	TOASTER, SLOT-TYPE	HATCO	TPT-120R	BY KEC
189	1	CONDIMENT DISPENSER			BY OWNER
190	"	OPEN ITEM			
191	1	DISPLAY CASE, REFRIGERATED	TRUE	GDM-23	BY KEC

NOTE:

1. ALL CONNECTIONS SHOWN IN THE SCHEDULE ARE SIZED AS THEY ACTUALLY OCCUR ON THE EQUIPMENT.
2. CONNECTIONS SHOWN ARE FOR ONE UNIT. TO DETERMINE TOTAL REQUIREMENTS, MULTIPLY BY NUMBER IN QUANTITY COLUMN.
3. ELECTRIC CONTRACTOR AND PLUMBING CONTRACTOR TO VERIFY UTILITIES ON EXISTING EQUIPMENT.
4. 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.
5. 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.
6. ELECTRICAL, PLUMBING AND MECHANICAL CONTRACTORS TO PROVIDE ALL ROUGH-IN BUILDING SERVICES AND FINAL CONNECTION TO ALL FOOD SERVICE EQUIPMENT.

Foodservice Facilities Design Consultants
culinary design studio
861 Cedar Trace, S.W.
Lilburn, GA 30047
(404) 433-4136
www.culinary-designstudio.com

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STATE OF ALABAMA
MICHAEL A. ELLIS
3692
REGISTERED ARCHITECT

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F.S. EQUIPMENT PLAN & SCHEDULE

SHEET NUMBER FS1.1

EQUIPMENT SCHEDULE

ITEM NO	QTY	EQUIPMENT CATEGORY	MANUFACTURER	MODEL NUMBER	EQUIPMENT REMARKS	PLUG	DIRECT	NEMA	ELECTRICAL AFF (IN)	AMPS	KW	HP	VOLTS	PHASE	ELEC REMARKS	HOT WATER SIZE (IN)	HOT WATER AFF (IN)	COLD WATER SIZE (IN)	COLD WATER AFF (IN)	CHILLED WATER	DOMESTIC WATER	DIRECT DRAIN SIZE (IN)	DIRECT DRAIN AFF (IN)	INDIR DRAIN SIZE (IN)	MBTUH	GAS SIZE (IN)	GAS AFF (IN)	PLUMBING REMARKS
101	1	CAN WASH			BY GC TO BE LOCATED																	2"						
101.1	1	FAUCET, SERVICE	T & S BRASS	B-0655-BSTP	BY KEC											1/2"	36"	1/2"	36"									
102	1	AIR CURTAIN			BY OTHERS										BY OTHERS													
103	1	SINK, MOP	ADVANCE TABCO	9-OP-48	BY KEC																	2"						
103.1	1	FAUCET, SERVICE	T & S BRASS	B-0655-BSTP	BY KEC											1/2"	36"	1/2"	36"									
104	1	CHEMICAL SHELF	ACF	CUSTOM	BY KEC																							
105	1LOT	ANGLE GUARDS-S/S	ACF	CUSTOM	BY KEC																							
106	1	MOP RACK	ADVANCE TABCO	K-242	BY KEC																							
107	1	ICE MAKER	HOSHIZAKI	KML-630MAH	BY OWNER, EXISTING		X		60"	7.6			208-230	1	BY OWNER, EXISTING, VERIFY UTILITIES			1/2"						3/4"				BY OWNER, EXISTING, VERIFY UTILITIES, CONNECT WATER SUPPLY THRU WATER FILTER ITEM #107.2
107.1	1	BIN, ICE			BY OWNER, EXISTING																			3/4"				BY OWNER, EXISTING, VERIFY UTILITIES
107.2	1	FILTER SYSTEM	HOSHIZAKI	9320-12	BY KEC													3/4"	72"									CONNECT FILTERED WATER SUPPLY TO ICE MACHINE ITEM #107
108	1	CABINET, HOLDING/PROOFING	METRO	C175-CVN	BY KEC	X		5-20P	16"	16.0	2.0		120	1														
109	2	CABINETS, WALL MTD			BY OWNER, EXISTING																							
110	2	CABINETS, WALL MTD			BY OWNER, EXISTING																							
111	1	PULL DOWN SECURITY DOOR			BY G.C.																							
112	1	SINK, MOBILE	ADVANCE TABCO	9-FSS-20	BY KEC																							
113	1	SOILED DISHTABLE W/ TROUGH & SINK	ACF	CUSTOM	BY KEC											1/2"												INTERCONNECT HW SUPPLY FROM ITEM #113.1 TO TROUGH GUSHER HEAD
113.1	1	PRE-RINSE FAUCET, WALL MOUNT	T & S BRASS	B-0133-BR	BY KEC											1/2"	18"	1/2"	18"									INTERCONNECT HW TO ITEM #113 TROUGH GUSHER HEAD
114	1	DISPOSER, GARBAGE	SALVAJOR	200-SA-ARSS	BY KEC		X		16"	6.6		2.0	208	3				1/2"	18"			2"	16"					
115	"	OPEN ITEM																										
116	3	TRASH RECEPTACLE	RUBBERMAID	FG354000BLA	BY OWNER																							
117	3	HAND SINK, WALL MOUNT	ADVANCE TABCO	7-PS-82	BY KEC											1/2"	18"	1/2"	18"			1 1/2"	16"					
118	1	WAREWASHER, RACK CONVEYOR	AUTO-CHLOR	A4	BY OWNER		X		60"	20.0			115	1	BY OWNER, VERIFY UTILITIES	1/2"	60"							2"				BY OWNER, VERIFY UTILITIES
119	1	CLEAN DISHTABLE	ACF	CUSTOM	BY KEC																							
120	"	OPEN ITEM																										
121	1LOT	DOLLY, DISHRACK	METRO	PCD11A	BY KEC																							
122	1	OVERSHELF CABINET 2-TIER	ACF	CUSTOM	BY KEC																							
123	1	RACK, POT & PAN	NEW AGE	PM2448	BY KEC																							
124	1	3 COMP. POT SINK	ACF	CUSTOM	BY KEC																				(3)2"			
124.1	2	FAUCET, WALL MOUNT	T & S BRASS	B-0231	BY KEC											1/2"	18"	1/2"	18"									
125	"	OPEN ITEM																										
126	1	POT RACK, WALL MTD, S/S	ACF	CUSTOM	BY KEC																							
127	1	SHELVING 3-TIER	METRO	METROSEAL	BY KEC																							
128	1LOT	DOLLY, DISHRACK	METRO	D2020N	BY KEC																							
129	1LOT	GARBAGE CAN, MOBILE	RUBBERMAID	32 GAL BRUTE	BY OWNER																							
130	1	MOBILE MIXER STAND	ACF	CUSTOM	BY KEC, NOT SHOWN ON PLANS																							
131	1	MIXER, COUNTER	GLOBE	SP20	BY KEC, NOT SHOWN ON PLANS	X		5-15P	48"	10.0		1/2	115	1														
132	2	WALL SHELF	ACF	CUSTOM	BY KEC																							
133	1	VEGETABLE PREP TABLE W/ SINKS	ACF	CUSTOM	BY KEC																				(1)2"			
133.1	1	FAUCET, WALL MOUNT	T & S BRASS	B-0231	BY KEC											1/2"	18"	1/2"	18"									
134	1	DISPOSER, GARBAGE	SALVAJOR	200-SA-ARSS	BY KEC		X		16"	6.6		2.0	208	3				1/2"	18"			2"	16"					
135	"	OPEN ITEM																										
136	1	CUTTER, VEGETABLE	ROBOT COUPE	CL30 SERIES A	BY KEC	X		5-15P	48"	9.0		1.0	115	1														
137	2	WALL SHELF	ACF	CUSTOM	BY KEC																							
138	1	TABLE, MEAT PREP W/ SINK	ACF	CUSTOM	BY KEC	X			48"	20.0			120	1	CONVENIENCE OUTLET										(1)2"			
138.1	1	FAUCET, WALL MOUNT	T & S BRASS	B-0231	BY KEC											1/2"	18"	1/2"	18"									
139	1	CABINET, WALL MTD			BY KEC																							
140	"	OPEN ITEM																										
141	1	SHELF, WALL MTD, S/S	ACF	CUSTOM	BY KEC																							
142	1	CHEFS COUNTER W/ OVERSHELF, POT RACK & SINK	ACF	CUSTOM	BY KEC		X		6"	VERIFY			120/208	1	STUB-UP, CONTROL PANEL, (3)15.0A 120V 1PH CONVENIENCE OUTLETS MTD IN OVERSHELF										2"			
142.1	1	FAUCET, DECK MOUNT	T & S BRASS	B-0221	BY KEC											1/2"	6"	1/2"	6"									STUB-UP
143	1	REFRIGERATOR, UNDERCOUNTER	VICTORY	URS-2-S7	BY KEC	X		5-15P		6.4		1/4	115	1	RECEIVE POWER FROM ITEM #142 CONTROL PANEL													
144	1	FREEZER, UNDERCOUNTER	VICTORY	UFS-1-S7	BY KEC	X		5-15P		11.6		1/3	115	1	RECEIVE POWER FROM ITEM #142 CONTROL PANEL													
145	"	OPEN ITEM																										
146	1	OVEN, MICROWAVE	PANASONIC	NE-1054	BY KEC	X		5-15P		13.4	1.0		120	1	RECEIVE POWER FROM ITEM #142 CONTROL PANEL													
147	1	OVEN, CONVECTION/COMBI-OVEN, ELECTRIC	BLODGETT COMBI	BX-14E STACKED ON CNVX-14E W/ 6" CASTERS	BY KEC		X		16"	53.0	19.0		208	3				3/4"	18"					2"				
148	1	BROILER, UNDER-FIRED / GAS, W/ STAND	JADE	JB-30	BY KEC																				75	3/4"	18"	
149	1	RANGE, RESTAURANT, GAS	JADE	JSR-36G-36	BY KEC																				102	3/4"	18"	
150	"	OPEN ITEM																										
151	1	RANGE, RESTAURANT, GAS	JADE	JSR-8-36	BY KEC																				230	3/4"	18"	
152	1	FRYER BATTERY, DEEP FAT, GAS W/FILTER	PITCO	2-SG14T-SS/FD	BY KEC	X		5-15P	16"	7.0			115	1											200	1"	18"	
153	1LOT	EXHAUST HOOD			BY MECHANICAL										BY MECHANICAL													
153.1	1	EXHAUST FAN SYSTEM			BY MECHANICAL										BY MECHANICAL													
153.2	1	RETURN AIR FAN SYSTEM			BY MECHANICAL										BY MECHANICAL													
153.3	1	FIRE SUPPRESSION SYSTEM			BY MECHANICAL										BY MECHANICAL													
154	1	SERVING COUNTER	ACF / MILLWORK	CUSTOM	BY KEC																							
155	"	OPEN ITEM																										
156	2	DROP-IN, HOT / COLD WELLS	LOW TEMP	QSCHP-4	BY KEC	X		14-20P	16"	14.4			120/208	1										1/2"				
157	1	FAUCET, FILL W/ HOSE	T & S BRASS	B-0101-ORK2-B-KT	BY KEC													1/2"	18"									
158	"	OPEN ITEM																										
159	1	SNEEZE GUARD	ACF	CUSTOM W/ LIGHTS & HEAT LAMP (2 HATCO GRAL-54)	BY KEC		X		84"	14.2	1.7		120	1	GRAHL-60													
160	1LOT	MILLWORK CABINETS-OVERHEAD			BY MILLWORK																							
161	1LOT	SHELVING, WIRE 5 TIER, DRY STORAGE	METRO	NK3 SERIES	BY KEC																							
162	1	COOLER, WALK-IN	MASTER-BILT	CUSTOM	BY KEC		X		DN	10.0			120	1	ELECTRIC DOWN FROM ABOVE, FOR WALK-IN LIGHTS, VERIFY UTILITIES W/ MANUFACTURE DWGS													
162.1	1	EVAPORATOR COIL (COOLER)	MASTER-BILT	E1HZ0090A	BY KEC		X		DN	1.8			115	1	ELECTRIC DOWN FROM ABOVE, VERIFY UTILITIES W/ MANUFACTURE DWGS									3/4"				VERIFY UTILITIES W/ MANUFACTURE DWGS
162.2	1	REMOTE CONDENSER (COOLER)	MASTER-BILT	MHH2011C	BY KEC, VERIFY LOCATION		X			4.7		1.0	208-230	3	VERIFY LOCATION, VERIFY UTILITIES W/ MANUFACTURE DWGS													
162.3	1	FREEZER, WALK-IN	MASTER-BILT	CUSTOM	BY KEC		X		DN	5.0			120	1	ELECTRIC DOWN FROM ABOVE, FOR WALK-IN LIGHTS, VERIFY UTILITIES W/ MANUFACTURE DWGS													
162.4	1	EVAPORATOR COIL (FREEZER)	MASTER-BILT	E1LZ0075B	BY KEC		X		DN	0.9/7.0			208-230	1	ELECTRIC DOWN FROM ABOVE, COIL AMPS / COIL HEATER AMPS, VERIFY UTILITIES W/ MANUFACTURE DWGS									3/4"				VERIFY UTILITIES W/ MANUFACTURE DWGS
162.5	1	REMOTE CONDENSER (FREEZER)	MASTER-BILT	MHLZ0091C	BY KEC, VERIFY LOCATION		X			9.9		2.0	200-230	3	VERIFY LOCATION, VERIFY UTILITIES W/ MANUFACTURE DWGS													
163	1LOT	SHELVING, WIRE 4 TIER, COOLER / FREEZER	METRO	NK3 SERIES	BY KEC																							
164	1	PULL DOWN SECURITY DOOR			BY G.C.																							
165	"	OPEN ITEM																										
166	1	SINK, DROP-IN	ADVANCE TABCO	DI-1-30	BY KEC											1/2"	18"	1/2"	18"			1 1/2"	16"					
167	1	COFFEE MAKER, AIRPOT, AUTOMATIC	BUNN-O-MATIC	23400.0046	BY KEC		X		48"	27.0	6.3		120/240	1				3/8"	48"									CONNECT WATER SUPPLY THRU WATER FILTER
168	1	ICED TEA BREWER	BUNN-O-MATIC	24400.0000	BY KEC	X		5-15P	48"	15.0	1.8		120	1				1/4"	48"									CONNECT WATER SUPPLY THRU WATER FILTER
169	1	REFRIGERATOR, UNDERCOUNTER, COMPACT	TRUE	TUC-48-LP	BY KEC	X		5-15P	16"	5.0		1/5	115	1														
170	"	OPEN ITEM																										
171	1	AIRPOT STAND/BASE	BUNN-O-MATIC	25371.0002	BY KEC																							
172	1	COFFEE COUNTER	ACF / MILLWORK	CUSTOM	BY KEC	X			48"	20.0			120	1	CONVENIENCE OUTLET													
173	2	DISPENSER, ICE TEA/ICE COFFEE	BUNN-O-MATIC	03250.0004	BY KEC																							
174	2	CUP DISPENSER	DISP-RITE		BY KEC																							
175	"	OPEN ITEM																										
176	1	DISPENSER, ICE	MANITOWOC	M-250 W/ WATER DISPENSER	BY KEC	X		5-15P	48"	2.5			120	1				1/2"	18"					3/4"				CONNECT WATER SUPPLY THRU WATER FILTER
177	1	ICE MAKER, COMPRESSED STYLE	FOLLETT	HCC1000AHS	BY KEC	X		6-15P	16"	11.0			208-230	1				3/8"	18"					3/4"				CONNECT WATER SUPPLY THRU WATER FILTER
178	1	BEVERAGE COUNTER W/ DRIP TROUGHS	ACF / MILLWORK	CUSTOM	BY KEC	X			48"	20.0			120	1	CONVENIENCE OUTLET									(2)1/2"				DRIP TROUGHS
179	1	CEREAL DISPENSERS			BY OWNER																							
180	1	CEREAL COUNTER	BY MILLWORK	CUSTOM	BY KEC	X			48"	20.0			120	1	CONVENIENCE OUTLET													
181	1	COUNTER	ACF	CUSTOM	BY KEC	X			48"	20.0			120	1	CONVENIENCE OUTLET													
182	1	DROP-IN, HOT / COLD WELLS	LOW TEMP	QSCHP-3	BY KEC	X		14-20P	16"	12.0			120/208	1										1/2"				
183	1	REFRIGERATOR, SANDWICH/SALAD PREP	TRUE	TSSU-48-12D-4-ADA	BY KEC	X		5-15P	16"	8.6		1/3	115	1														
184	2	OVEN, MICROWAVE	PANASONIC	NE-1024	BY KEC	X		5-15P	72"	13.4	1.0		120	1														
185	1	SNEEZE GUARD	ACF	ACF-TSG-60 W/LIGHT AND HEATLAMP GRAHL54	BY KEC		X		30"	16			120	1														
186	1	PANINI GRILLE, SMOOTH PLATES	NUOVA SIMONELLI	P1L/FLT	BY KEC	X		5-20P	48"	16.0	1.7		120	1														
187	1	FREEZER, UNDERCOUNTER	TRUE	TUC-27F-D-2	BY KEC	X		5-15P	16"	7.4		1/3	115	1														
188	1	TOASTER, SLOT-TYPE	HATCO	TPT-120R	BY KEC	X			48"	13.0			120	1														
189	1	CONDIMENT DISPENSER			BY OWNER																							
190	"	OPEN ITEM																										
191	1	DISPLAY CASE, REFRIGERATED	TRUE	GDM-23	BY KEC	X		5-15P	16"	5.2		1/3	115	1														

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Interior Renovations and Addition for:

Chi Omega

The University of Alabama Campus
UA Project Number: 910-12-2024
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

STATE OF ALABAMA
MICHAEL A. ELLIS
3692
REGISTERED ARCHITECT

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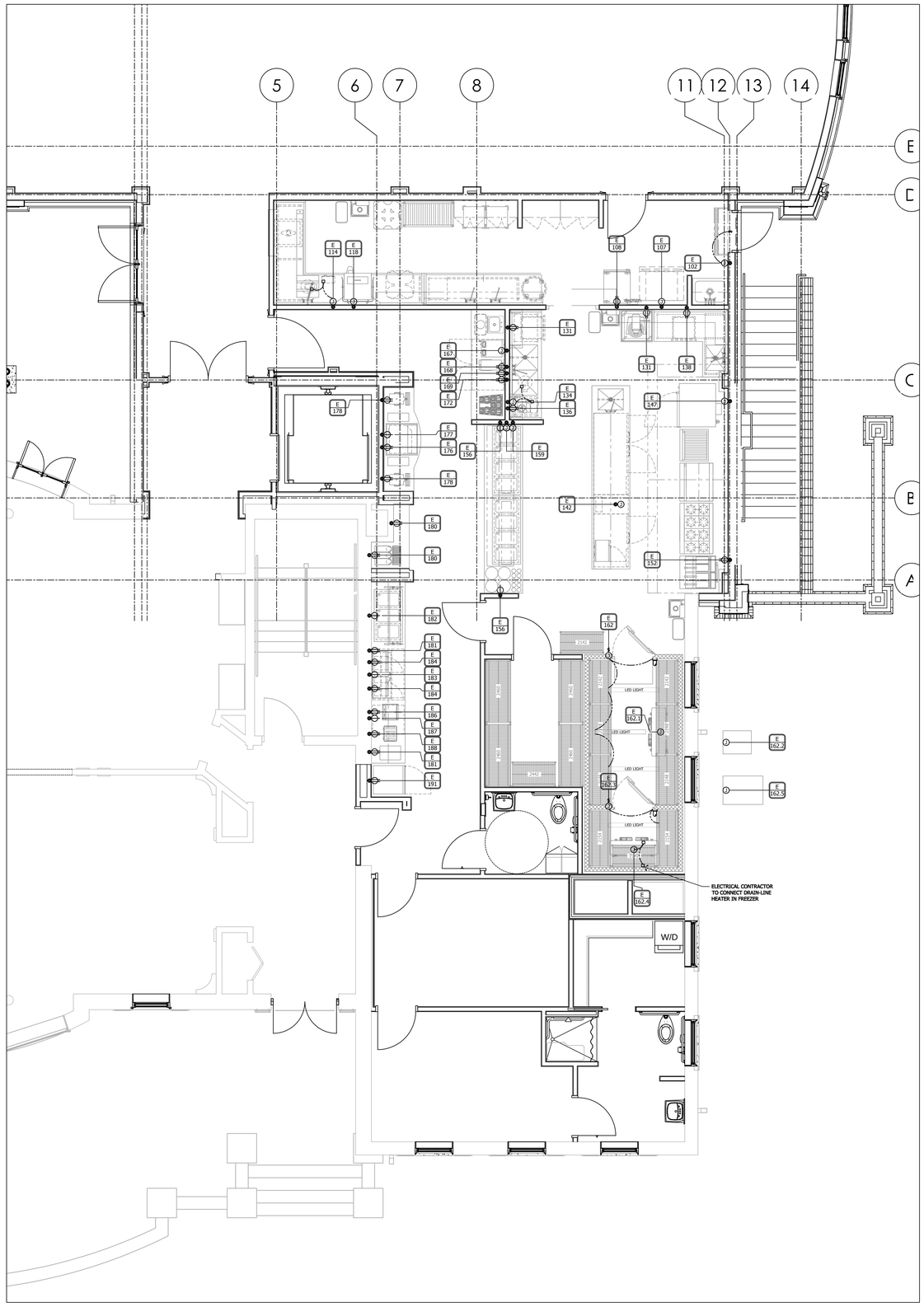
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01-18-2013	
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F.S. EQUIPMENT SCHEDULE

SHEET NUMBER FS1.2



1 FS2.1 FOODSERVICE EQUIPMENT ELECTRIC PLAN & SCHEDULE

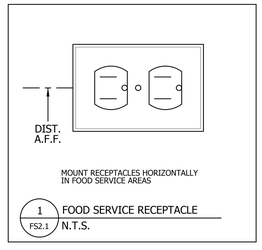
1/4" = 1'-0"

ELECTRIC SCHEDULE

ITEM NO	QTY	EQUIPMENT CATEGORY	PLUG DIRECT	NEMA	ELECTRICAL AFF (IN)	AMPS	KW	HP	VOLTS	PHASE	ELEC REMARKS
102	1	AIR CURTAIN									BY OTHERS
107	1	ICE MAKER	X		60"	7.6			208-230	1	BY OWNER, EXISTING, VERIFY UTILITIES
108	1	CABINET, HOLDING/PROOFING	X	5-20P	16"	16.0	2.0		120	1	
114	1	DISPOSER, GARBAGE	X		16"	6.6		2.0	208	3	
118	1	WAREWASHER, RACK CONVEYOR	X		60"	20.0			115	1	BY OWNER, VERIFY UTILITIES
131	1	MIXER, COUNTER	X	5-15P	48"	10.0		1/2	115	1	
134	1	DISPOSER, GARBAGE		X	16"	6.6		2.0	208	3	
136	1	CUTTER, VEGETABLE	X	5-15P	48"	9.0		1.0	115	1	
138	1	TABLE, MEAT PREP W/ SINK	X		48"	20.0			120	1	CONVENIENCE OUTLET
142	1	CHEFS COUNTER W/ OVERSHELF, POT RACK & SINK	X		6"	VERIFY			120/208	1	STUB-UP, CONTROL PANEL, (3)15.0A 120V 1PH CONVENIENCE OUTLETS MTD IN OVERSHELF
143	1	REFRIGERATOR, UNDERCOUNTER	X	5-15P		6.4		1/4	115	1	RECEIVE POWER FROM ITEM #142 CONTROL PANEL
144	1	FREEZER, UNDERCOUNTER	X	5-15P		11.6		1/3	115	1	RECEIVE POWER FROM ITEM #142 CONTROL PANEL
146	1	OVEN, MICROWAVE	X	5-15P		13.4	1.0		120	1	RECEIVE POWER FROM ITEM #142 CONTROL PANEL
147	1	OVEN, CONVECTION/COMBI-OVEN, ELECTRIC	X		16"	53.0	19.0		208	3	
152	1	FRYER BATTERY, DEEP FAT, GAS W/FILTER	X	5-15P	16"	7.0			115	1	
156	2	DROP-IN, HOT / COLD WELLS	X	14-20P	16"	14.4			120/208	1	
159	1	SNEEZE GUARD		X	84"	14.2	1.7		120	1	(2)GRAHL-60
162	1	COOLER, WALK-IN		X	DN	10.0			120	1	ELECTRIC DOWN FROM ABOVE, FOR WALK-IN LIGHTS, VERIFY UTILITIES W/ MANUFACTURE DWGS
162.1	1	EVAPORATOR COIL (COOLER)		X	DN	1.8			115	1	ELECTRIC DOWN FROM ABOVE, VERIFY UTILITIES W/ MANUFACTURE DWGS
162.2	1	REMOTE CONDENSER (COOLER)		X		4.7		1.0	208-230	3	VERIFY LOCATION, VERIFY UTILITIES W/ MANUFACTURE DWGS
162.3	1	FREEZER, WALK-IN		X	DN	5.0			120	1	ELECTRIC DOWN FROM ABOVE, FOR WALK-IN LIGHTS, VERIFY UTILITIES W/ MANUFACTURE DWGS
162.4	1	EVAPORATOR COIL (FREEZER)		X	DN	0.9/7.0			208-230	1	ELECTRIC DOWN FROM ABOVE, COIL AMPS / COIL HEATER AMPS, VERIFY UTILITIES W/ MANUFACTURE DWGS
162.5	1	REMOTE CONDENSER (FREEZER)		X		9.9		2.0	200-230	3	VERIFY LOCATION, VERIFY UTILITIES W/ MANUFACTURE DWGS
167	1	COFFEE MAKER, AIRPOT, AUTOMATIC		X	48"	27.0	6.3		120/240	1	
168	1	ICED TEA BREWER	X	5-15P	48"	15.0	1.8		120	1	
169	1	REFRIGERATOR, UNDERCOUNTER, COMPACT	X	5-15P	16"	5.0		1/5	115	1	
172	1	COFFEE COUNTER	X		48"	20.0			120	1	CONVENIENCE OUTLET
176	1	DISPENSER, ICE	X	5-15P	48"	2.5			120	1	
177	1	ICE MAKER, COMPRESSED STYLE	X	6-15P	16"	11.0			208-230	1	
178	1	BEVERAGE COUNTER W/ DRIP TROUGHS	X		48"	20.0			120	1	CONVENIENCE OUTLET
181	1	COUNTER	X		48"	20.0			120	1	CONVENIENCE OUTLET
182	1	DROP-IN, HOT / COLD WELLS	X	14-20P	16"	12.0			120/208	1	
183	1	REFRIGERATOR, SANDWICH/SALAD PREP	X	5-15P	16"	8.6		1/3	115	1	
184	2	OVEN, MICROWAVE	X	5-15P	72"	13.4	1.0		120	1	
186	1	PANINI GRILLE, SMOOTH PLATES	X	5-20P	48"	16.0	1.7		120	1	
187	1	FREEZER, UNDERCOUNTER	X	5-15P	16"	7.4		1/3	115	1	
188	1	TOASTER, SLOT-TYPE	X		48"	13.0			120	1	
191	1	DISPLAY CASE, REFRIGERATED	X	5-15P	16"	5.2		1/3	115	1	

ELECTRICAL LEGEND

SYMBOLS		ABBREVIATIONS	
J	JUNCTION BOX (J-BOX)	A	AMPERES
	EQUIPMENT INTERCONNECTION BY E.C.	V	VOLTS
	ELECTRICAL ROUGH-IN	W	WATTS
	SINGLE ELECTRICAL OUTLET (SCO)	PH	PHASE
	DUPLEX ELECTRICAL OUTLET (DCO)	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 (DCO)	K.E.C.	KITCHEN EQUIPMENT CONTRACTOR
D	DATA LINE CONNECTION	E.C.	ELECTRICAL CONTRACTOR
		CONV.	CONVENIENCE OUTLET 120V 1PH 20.0A



MOUNT RECEPTACLES HORIZONTALLY IN FOOD SERVICE AREAS

1 FS2.1 FOOD SERVICE RECEPTACLE N.T.S.

CURRENT RATING	TYPE	2 POLE - WIRE NO GROUND 125V	2 POLE - WIRE NO GROUND 250V	2 POLE - 3 WIRE GROUNDING 125V	2 POLE - 3 WIRE GROUNDING 250V	1 POLE 4 WIRE GROUNDING 125/250V
15A	STRAIGHT BLADE	1-15R	2-15R	5-15R	6-15R	
	TWIST LOCK	L1-15R		L5-15R	L6-15R	
20A	STRAIGHT BLADE		2-20R	5-20R	6-20R	14-20R
	TWIST LOCK		L2-20R	L5-20R	L6-20R	L14-20R
30A	STRAIGHT BLADE		2-30R	5-30R	6-30R	14-30R
	TWIST LOCK			L5-30R	L6-30R	L14-30R
50A	STRAIGHT BLADE			5-50R	6-50R	14-50R
	TWIST LOCK					CS6364/65
60A	STRAIGHT BLADE					14-60R

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Chi Omega

The University of Alabama Campus
UA Project Number. 910-12-024
Tuscaloosa, Alabama

Alabama Building Commission Revised Final Submittal/ Bid Set 01/18/13

STATE OF ALABAMA
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REGISTERED ARCHITECT

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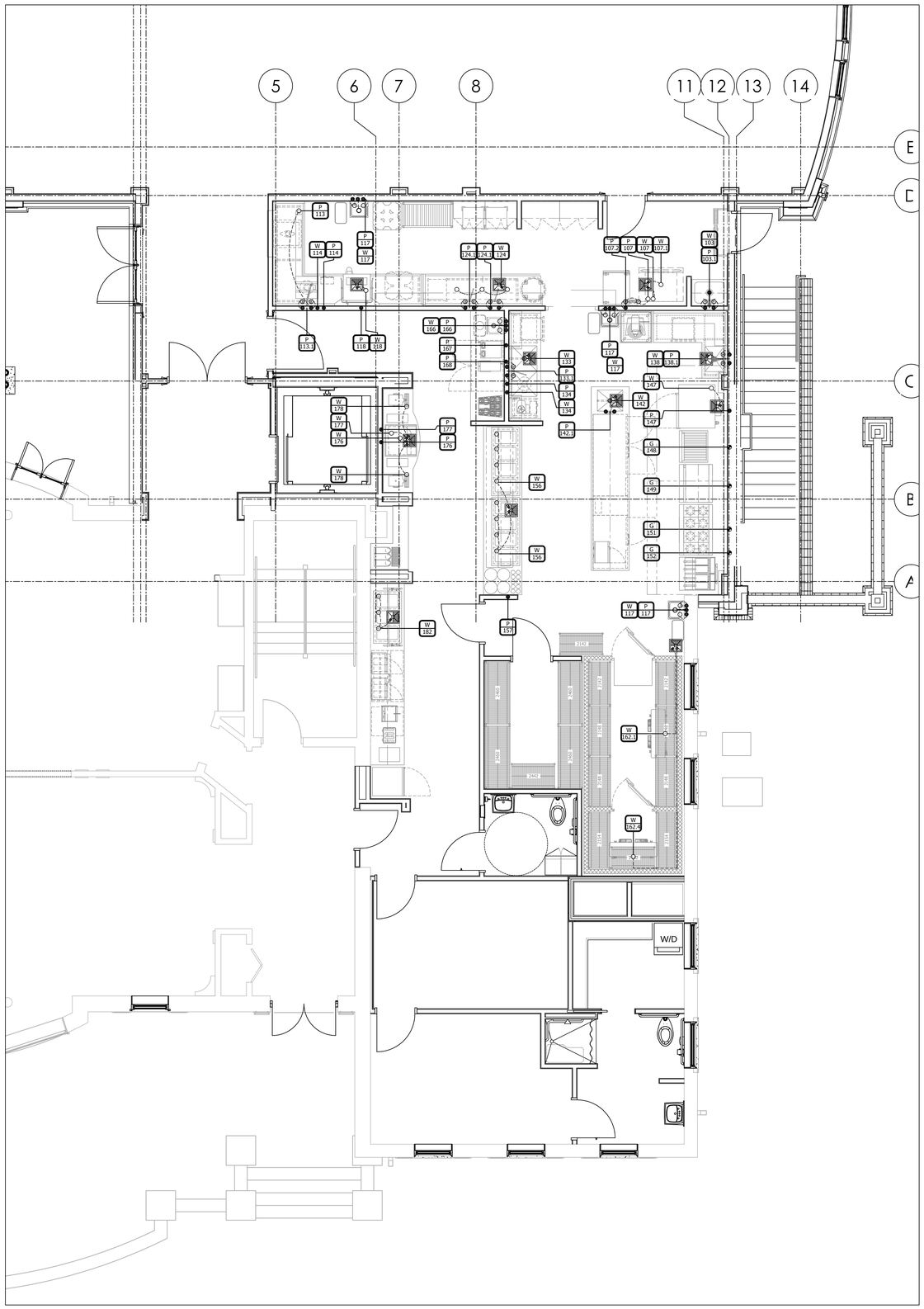
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F.S. EQUIPMENT ELECTRIC PLAN & SCHEDULE	
SHEET NUMBER	FS2.1

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1 FS3.1 FOODSERVICE EQUIPMENT PLUMBING PLAN & SCHEDULE

1/4" = 1'-0"

PLUMBING SCHEDULE

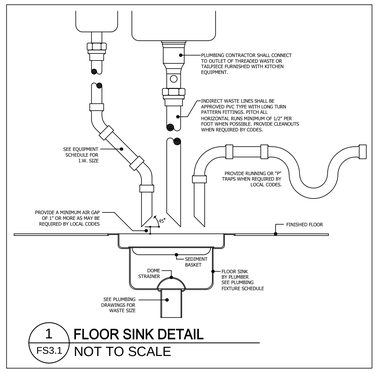
ITEM NO	QTY	EQUIPMENT CATEGORY	HOT WATER SIZE (IN)	HOT WATER AFF (IN)	COLD WATER SIZE (IN)	COLD WATER AFF (IN)	DIRECT DRAIN SIZE (IN)	DIRECT DRAIN AFF (IN)	INDIRECT DRAIN SIZE (IN)	MBTU/H	GAS SIZE (IN)	GAS AFF (IN)	PLUMBING REMARKS
101	1	CAN WASH				2"							
101.1	1	FAUCET, SERVICE	1/2"	36"	1/2"	36"							
102	1	AIR CURTAIN, UNHEATED											
103	1	SINK, MOP				2"							
103.1	1	FAUCET, SERVICE	1/2"	36"	1/2"	36"							
107	1	ICE MAKER			1/2"				3/4"				BY OWNER, EXISTING, VERIFY UTILITIES, CONNECT WATER SUPPLY THRU WATER FILTER ITEM #107.2
107.1	1	BIN, ICE							3/4"				BY OWNER, EXISTING, VERIFY UTILITIES
107.2	1	FILTER SYSTEM			3/4"	72"							CONNECT FILTERED WATER SUPPLY TO ICE MACHINE ITEM #107
113	1	SOILED DISHTABLE W/ TROUGH & SINK	1/2"										INTERCONNECT HW SUPPLY FROM ITEM #113.1 TO TROUGH GUSHER HEAD
113.1	1	PRE-RINSE FAUCET, WALL MOUNT	1/2"	18"	1/2"	18"							INTERCONNECT HW TO ITEM #113 TROUGH GUSHER HEAD
114	1	DISPOSER, GARBAGE			1/2"	18"	2"	16"					
117	3	HAND SINK, WALL MOUNT	1/2"	18"	1/2"	18"	1 1/2"	16"					
118	1	WAREWASHER, RACK CONVEYOR	1/2"	60"					2"				BY OWNER, VERIFY UTILITIES
124	1	3 COMP. POT SINK							(3)2"				
124.1	2	FAUCET, WALL MOUNT	1/2"	18"	1/2"	18"							
133	1	VEGETABLE PREP TABLE W/ SINKS							(1)2"				
133.1	1	FAUCET, WALL MOUNT	1/2"	18"	1/2"	18"							
134	1	DISPOSER, GARBAGE			1/2"	18"	2"	16"					
138	1	TABLE, MEAT PREP W/ SINK							(1)2"				
138.1	1	FAUCET, WALL MOUNT	1/2"	18"	1/2"	18"							
142	1	CHEFS COUNTER W/ OVERSHELF, POT RACK & SINK							2"				
142.1	1	FAUCET, DECK MOUNT	1/2"	6"	1/2"	6"							STUB-UP
147	1	OVEN, CONVECTION/COMBI-OVEN, ELECTRIC			3/4"	18"			2"				
148	1	BROILER, UNDER-FIRED / GAS, W/ STAND								75	3/4"	18"	
149	1	RANGE, RESTAURANT, GAS								102	3/4"	18"	
151	1	RANGE, RESTAURANT, GAS								230	3/4"	18"	
152	1	FRYER BATTERY, DEEP FAT, GAS W/FILTER								200	1"	18"	
156	2	DROP-IN, HOT / COLD WELLS							1/2"				
157	1	FAUCET, FILL W/ HOSE			1/2"	18"							
162.1	1	EVAPORATOR COIL (COOLER)							3/4"				VERIFY UTILITIES W/ MANUFACTURE DWGS
162.4	1	EVAPORATOR COIL (FREEZER)							3/4"				VERIFY UTILITIES W/ MANUFACTURE DWGS
166	1	SINK, DROP-IN	1/2"	18"	1/2"	18"	1 1/2"	16"					
167	1	COFFEE MAKER, AIRPOT, AUTOMATIC			3/8"	48"							CONNECT WATER SUPPLY THRU WATER FILTER
168	1	ICED TEA BREWER			1/4"	48"							CONNECT WATER SUPPLY THRU WATER FILTER
176	1	DISPENSER, ICE			1/2"	18"			3/4"				CONNECT WATER SUPPLY THRU WATER FILTER
177	1	ICE MAKER, COMPRESSED STYLE			3/8"	18"			3/4"				CONNECT WATER SUPPLY THRU WATER FILTER
178	1	BEVERAGE COUNTER W/ DRIP TROUGHS							(2)1/2"				DRIP TROUGHS
182	1	DROP-IN, HOT / COLD WELLS							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 GRATE	FD	FLOOR DRAIN
⊠	FLOOR SINK FULL GRATE	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

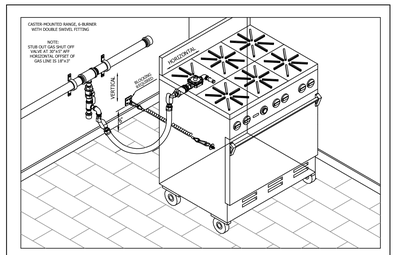
PLUMBING GENERAL NOTES

1. SEE EQUIPMENT PLAN AND SCHEDULE FOR ADDITIONAL INFORMATION.
2. P.C. TO PROVIDE ALL ROUGH-IN AND FINAL CONNECTIONS TO ALL EQUIPMENT SHOWN HEREIN.
3. 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.)
4. PLUMBING CONTRACTOR (P.C.) TO KEEP ALL PLUMBING LINES CLEAR OF WALLBACKING AREAS.
5. P.C. TO INSTALL REGULATORS AS REQUIRED.
6. P.C. TO VERIFY PLUMBING REQUIREMENTS AND LOCATIONS FOR EQUIPMENT SUPPLIED BY OTHERS.



1 FS3.1 FLOOR SINK DETAIL

NOT TO SCALE



2 FS3.1 DISCONNECT GAS HOSE DETAIL

NOT TO SCALE

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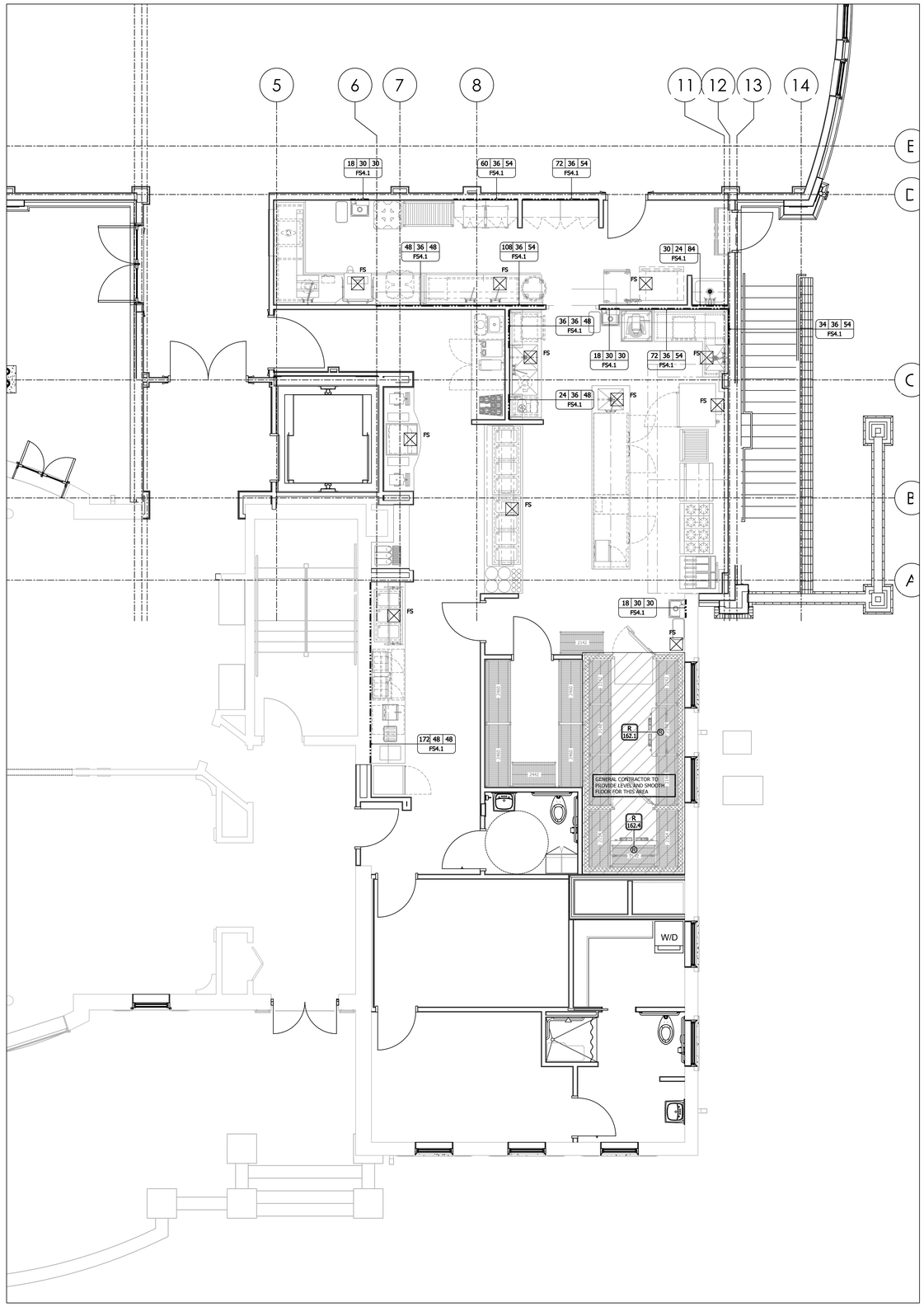
Do Not Scale From Drawings.

Contractor must verify all dimensions prior to construction.

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F.S. EQUIPMENT PLUMBING PLAN & SCHEDULE

SHEET NUMBER FS3.1



1 FS4.1 FOODSERVICE EQUIPMENT SPECIAL CONDITIONS PLAN

1/4" = 1'-0"

LEGEND			
SYMBOLS			ABBREVIATIONS
(R)	REFRIGERATION CONNECTION	FS	FLOOR SINK
		FT	FLOOR TROUGH

SYMBOLS

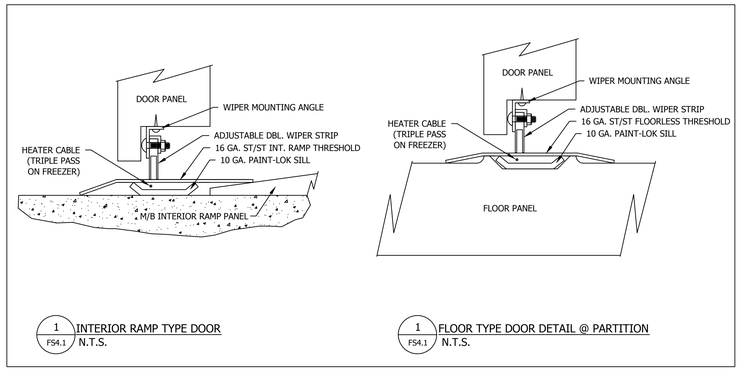
WALL BACKING FOR EQUIPMENT ABOVE 36" (BY GENERAL CONTRACTOR)

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).

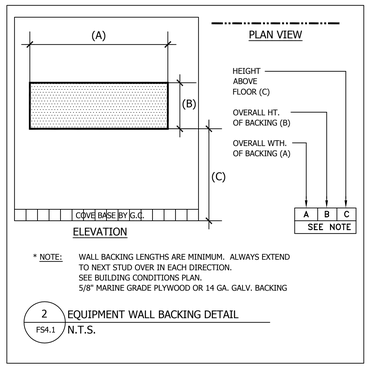
SPECIAL CONDITIONS NOTES

1. CONTRACTOR SHALL INSURE ALL WALLS AND/OR CEILINGS ARE PROPERLY REINFORCED TO SUPPORT ALL WALL AND/OR CEILING SUPPORTED EQUIPMENT.
2. CONTRACTOR SHALL 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.
3. CONTRACTOR SHALL INSURE THAT WALL DEPTH IS SUFFICIENT TO RECEIVE RECESSED EQUIPMENT PROVIDED BY KEC
4. 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).
5. 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).
6. CONTRACTOR SHALL VERIFY INSTALLATION HEIGHT OF FINISHED CEILING WITH FOODSERVICE EQUIPMENT.
7. CONTRACTOR SHALL INSURE STRUCTURAL FLOOR IS ADEQUATE TO SUPPORT HEAVY EQUIPMENT SUCH AS PIZZA OVEN, ICEMAKER, AND REMOTE REF. SYSTEM.



1 FS4.1 INTERIOR RAMP TYPE DOOR N.T.S.

1 FS4.1 FLOOR TYPE DOOR DETAIL @ PARTITION N.T.S.



* NOTE: WALL BACKING LENGTHS ARE MINIMUM. ALWAYS EXTEND TO NEXT STUD OVER IN EACH DIRECTION. SEE BUILDING CONDITIONS PLAN. 5/8" MARINE GRADE PLYWOOD OR 14 GA. GALV. BACKING

2 FS4.1 EQUIPMENT WALL BACKING DETAIL N.T.S.

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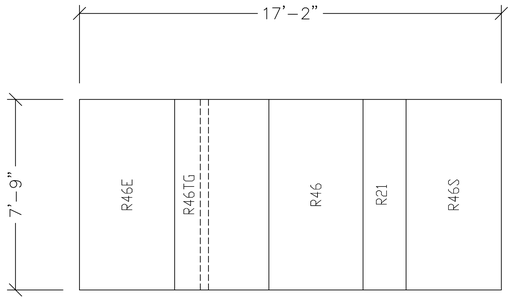
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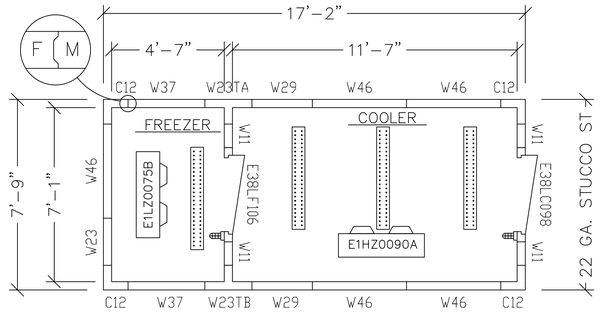
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F.S. EQUIPMENT SPECIAL CONDITIONS PLAN

SHEET NUMBER FS4.1

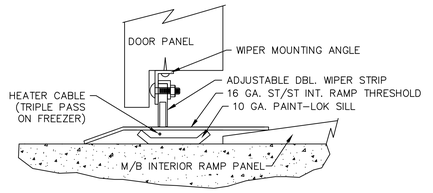


ROOF PANEL PLAN

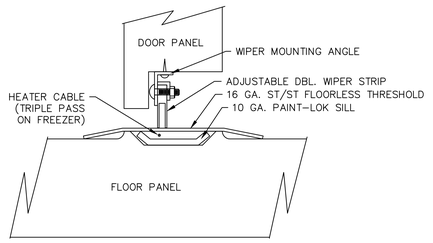


WALL PANEL PLAN

ACCESSORIES:
- (2) 3" DIAL THERMOMETER
- (1) 3" PRESSURE RELIEF PORT
- (2) SUPERFLOOR THRESHOLDS
- (4) 4' 36WATT LED FIXTURE w/LAMPS
- (1) SET 56SQF. .032 STUCCO NATURAL ALUM. TRIM
- (2) SETS 36"H 1/8" DIAMOND ALUM KP BOTH SIDES DOOR & FRAME
- (2) 14X14 PEEP WINDOWS
- (2) MODULARM 75-B
- (1) INTERIOR FLOOR RAMP
- (1) INTERIOR FLOOR RAMP THRESHOLD



INTERIOR RAMP TYPE DOOR DETAIL



FLOOR TYPE DOOR DETAIL @ PARTITION

FLOOR PANEL PLAN

EAST WALL ELEVATION

REFRIGERATION:

MHLZ0091C: 200-230/60/3 2HP
MCA: 19 MOP: 25 RLA: 9.9
LRA: 65.1 TD: 10 RFG: R-404A
REFRIGERANT LINE CONNECTIONS (in):
LIQUID: 1/2 SUCTION: 7/8
CONDENSER DIMENSIONS (in):
L: 38 W: 27 H: 18 BASE: M WT: 245#

E1LZ0075B: 208-230/60/1
EVAPORATOR DIMENSIONS (in):
L: 42 W: 15 H: 16 WT: 67#
FAN MOTOR AMPS: 0.9 TD: 10
DEFROST HTR AMPS: 7.0

MHHZ0111C: 208-230/60/3 1HP
MCA: 19 MOP: 20 RLA: 4.7
LRA: 31.0 TD: 10 RFG: R-404A
REFRIGERANT LINE CONNECTIONS (in):
LIQUID: 1/2 SUCTION: 5/8
CONDENSER DIMENSIONS (in):
L: 22 W: 27 H: 18 BASE: M WT: 250#

E1HZ0090A: 115/60/1
EVAPORATOR DIMENSIONS (in):
L: 42 W: 15 H: 16 WT: 69#
FAN MOTOR AMPS: 1.8 TD: 10

REVISED DIMENSIONS PER CUSTOMER REQUEST
REVISION "A"_NM_10/08/2012

NOTE: ALLOW 1 INCH MINIMUM CONSTRUCTION CLEARANCE ALL AROUND WALK-IN.
ALLOW 2 INCH MINIMUM CONSTRUCTION CLEARANCE ABOVE WALK-IN.

NOT FOR CONSTRUCTION!
PRINTS FOR APPROVAL ONLY!

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WHEN FACING THE INTERIOR OF THE WALL PANEL, ALL VERTICAL LATCH ACCESS HOLES SHOULD BE ON THE LEFT SIDE OF THE PANEL

N

DIRECTIONAL SYMBOL SHOWN FOR DRAWING ORIENTATION ONLY

N. S. F. LISTED CONSTRUCTION

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FACTORY MUTUAL RESEARCH TESTED

Urethane Foam Tested Per ASTM E84-03 Test Method
With Facings Removed At 2.0-2.4 lb/ft3
(32-38 kg/m3) 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
MHLZ0091C
E1LZ0075B
MHHZ0111C
E1HZ0090A

SPECIFICATIONS		
4" URETHANE FOAM		
SIZE W:7'-9.0" L:17'-2.0" H:9'-6.0"		
DOOR OPNG:36" x 78"		
INT. FIN.	R:.032 WHITE STUCCO ALUM.	
	W:.032 WHITE STUCCO ALUM.	
	F:.125 ALUMINUM TREAD PLATE	
EXT. FIN.	R:.032 STUCCO ALUMINUM	
	W:.032 STUCCO ALUMINUM	
	F:.032 STUCCO ALUMINUM	
ROOF LOAD = ** PSF (MAX. LL + DL)		

MASTER-BILT® Refrigeration Solutions

FOOD EQUIP. MARKETING			DWG NO: AP-4891
JACKSONVILLE, AL			
EA-CHI OMEGA SORORITY, U OF A			PG NO: 1 of 1
QUOTE: 18495-36			
DWG BY: TB	CKD BY:	DATE:05/21/2012	SCALE: 3/16"=1'

1 FS5.1 FOODSERVICE EQUIPMENT WALK-IN MANUFACTURE DRAWING
N.T.S.

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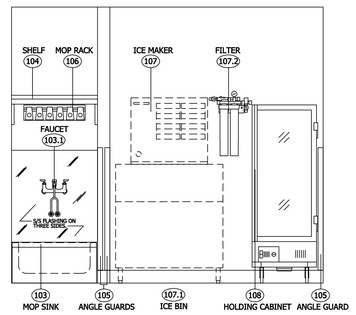
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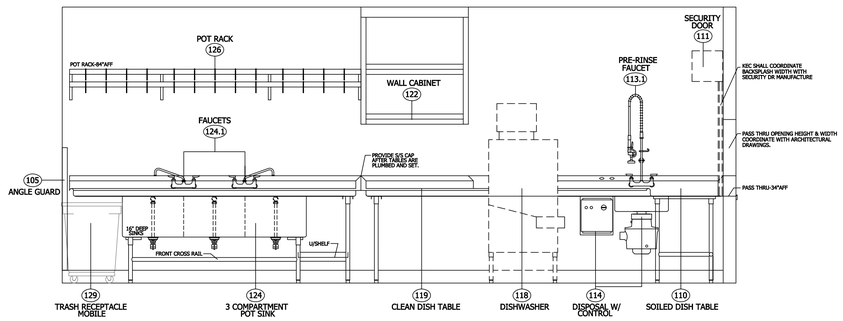
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F.S. EQUIPMENT WALK-IN COOLER / FREEZER DETAILS

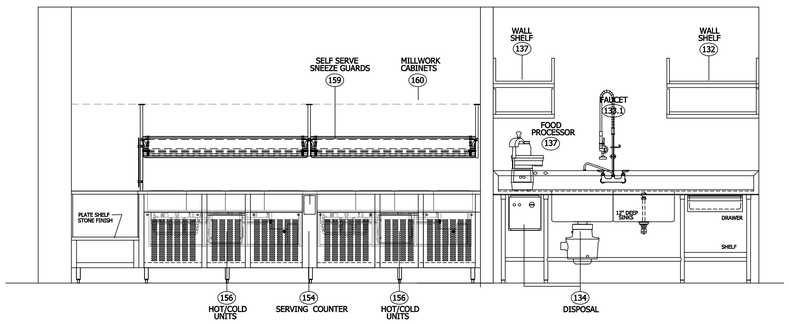
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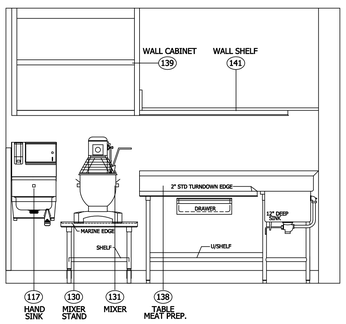
A FS1.1 BACK DOOR RECEIVING
SCALE: 1/2"=1'-0"



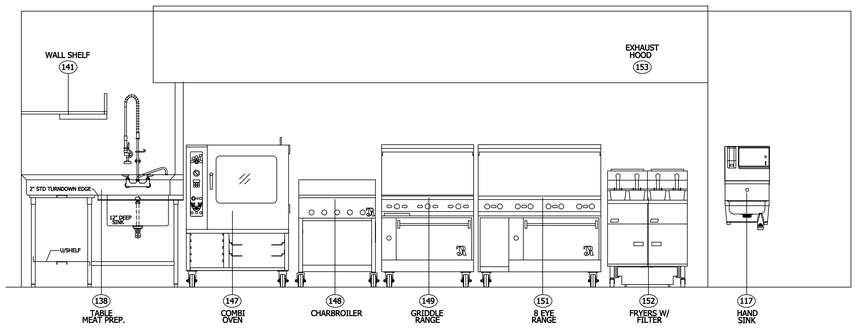
B FS1.1 WAREWASH ROOM & SCULLERY ELEVATION
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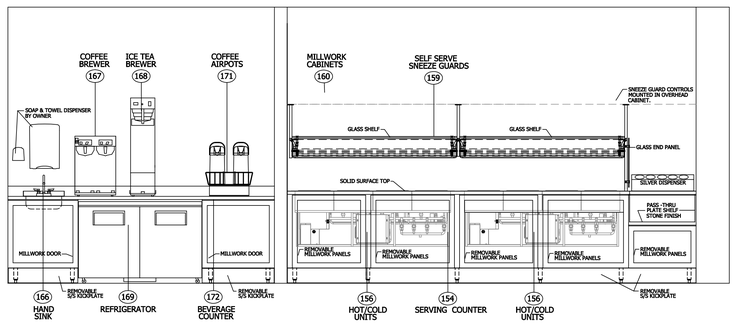
C FS1.1 VEGETABLE PREP ELEVATION
SCALE: 1/2"=1'-0"



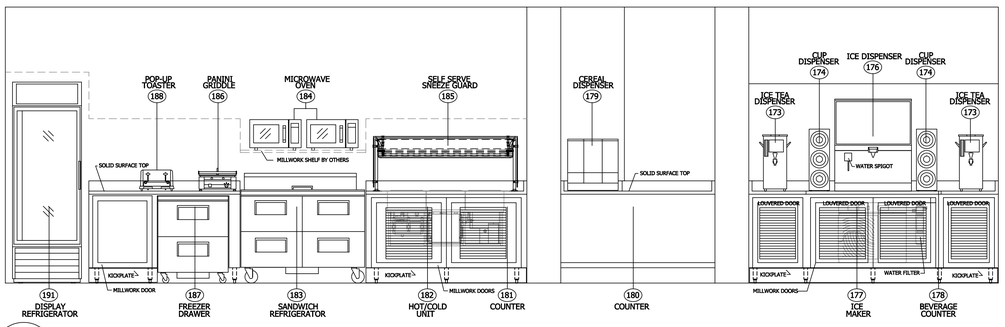
D FS1.1 MEAT PREP ELEVATION
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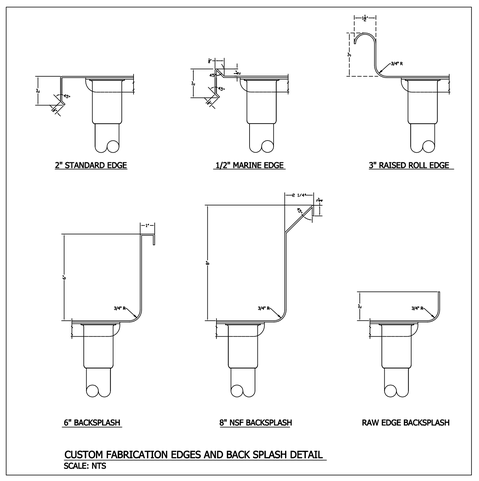
E FS1.1 COOKING EQUIPMENT ELEVATION
SCALE: 1/2"=1'-0"



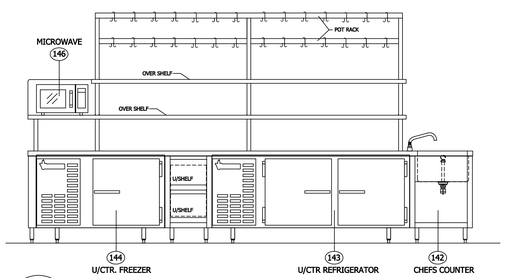
F FS1.1 SERVERY SIDE ELEVATION
SCALE: 1/2"=1'-0"



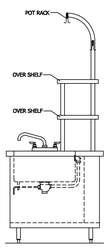
G FS1.1 SERVERY SIDE ELEVATION
SCALE: 1/2"=1'-0"



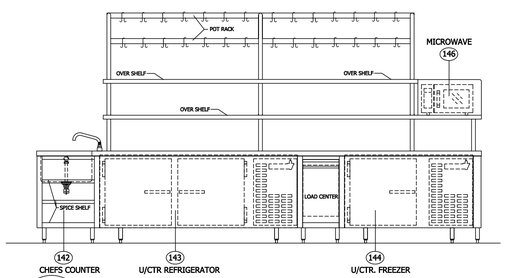
CUSTOM FABRICATION EDGES AND BACK SPLASH DETAIL
SCALE: NTS



H FS1.1 CHEFS COUNTER ELEVATION COOKS SIDE
SCALE: 1/2"=1'-0"



I FS1.1 CHEFS COUNTER ELEVATION
SCALE: 1/2"=1'-0"



J FS1.1 CHEFS COUNTER ELEVATION
SCALE: 1/2"=1'-0"

1 FS6.1 FOODSERVICE EQUIPMENT ELEVATIONS
SCALE: 1/2"=1'-0"

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F.S. EQUIPMENT
WALK-IN COOLER / FREEZER DETAILS

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