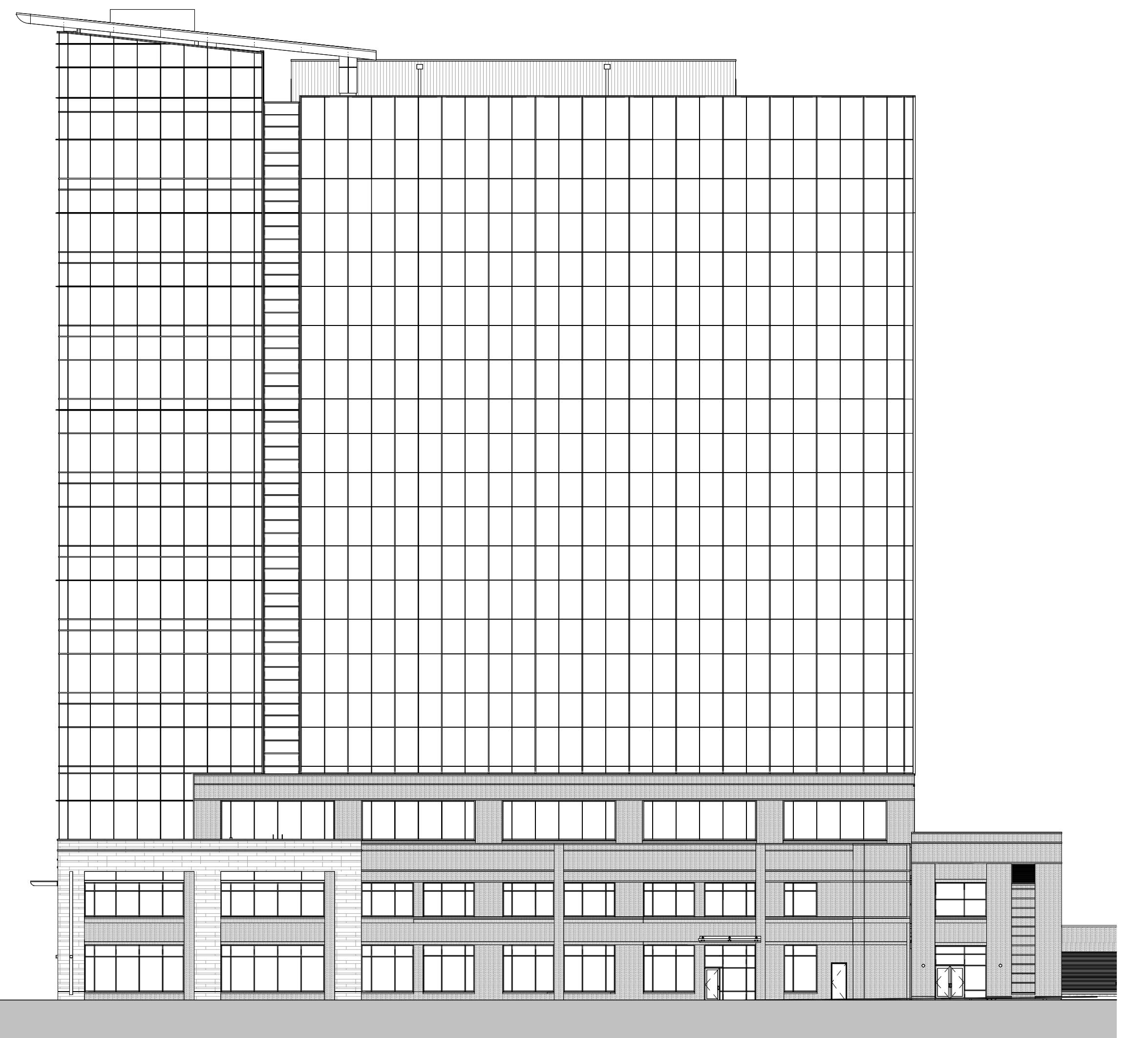


ISG RALEIGH BUILD OUT

RALEIGH, NORTH CAROLINA

ISG PROJECT # 25-32986



PROJECT INDEX:

OWNER:
I & S GROUP, INC (ISG)
510 S. WILMINGTON ST.
RALEIGH, NORTH CAROLINA 27601
919.835.1500

PROJECT ADDRESS:
ISG RALEIGH OFFICE
510 S. WILMINGTON ST.
RALEIGH, NORTH CAROLINA 27601

MANAGING OFFICE:
I & S GROUP, INC. (ISG)

RALEIGH OFFICE
510 SOUTH WILMINGTON STREET
RALEIGH, NC 27601
PHONE: 919.835.1500
PROJECT MANAGER: MADELINE NEWMAN
EMAIL: madeline.newman@isginc.com



PROJECT GENERAL NOTES

- A. ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS, WHICH INCLUDE, BUT ARE NOT LIMITED TO, THE OWNER - CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH INCLUDES GENERAL AND SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS), DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA, MODIFICATIONS AND CLARIFICATIONS ISSUED BY THE ARCHITECT / ENGINEER.
- B. CONTRACT DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHIEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK. CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND CORRELATING QUANTITIES AND DIMENSIONS.
- C. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- D. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY ARCHITECT / ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- E. DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED THROUGHOUT THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO DETAILS SHOWN, WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT / ENGINEER BEFORE PROCEEDING WITH THE WORK.
- F. ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ARCHITECT / ENGINEER BEFORE PROCEEDING WITH THE WORK.
- G. LARGE-SCALE, MORE SPECIFIC DETAILS TAKE PRECEDENCE OVER SMALLER-SCALE, LESS SPECIFIC DETAILS AND INFORMATION. MORE STRINGENT REQUIREMENTS FOR CODE, PRODUCTS AND INSTALLATION TAKE PRECEDENCE OVER LESS STRINGENT REQUIREMENTS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- H. PROVIDE CONTINUOUS SEALANT AROUND ALL MATERIALS AT ALL INTERIOR AND EXTERIOR WALL PENETRATIONS. REFER TO SPECIFICATIONS FOR APPROPRIATE SEALANT.
- I. ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.
- J. SEAL ALL OPENINGS IN WALLS, FLOORS, CEILINGS, AND ROOFS, AROUND DUCTS, PIPES, VENTS, TRAPS, CONDUIT AND OTHER PENETRATIONS WITH FIRE STOPPING AS SPECIFIED AND REQUIRED BY CODES. IF FIRE STOPPING IS NOT REQUIRED AT PENETRATIONS PER CODE, SEAL WITH CONTINUOUS SEALANT.
- K. PROVIDE TEMPORARY WALLS, ENCLOSURES, DUST SHIELDS AND WALK-OFF MATS AS REQUIRED TO SEPARATE DEMOLITION AND CONSTRUCTION FROM EXISTING BUILDING.
- L. PROVIDE BRACING AND SHORING AS REQUIRED TO PROTECT EXISTING STRUCTURE TO REMAIN. PROVIDE SECURE AND WEATHERPROOF ENCLOSURE OF TEMPORARY OPENINGS IN EXTERIOR WALLS. PROTECT ALL BUILDING COMPONENTS FROM DAMAGE DURING DEMOLITION AND CONSTRUCTION.
- M. RESTORE ALL EXISTING AREAS AFFECTED BY DEMOLITION AND RELATED NEW CONSTRUCTION TO THEIR ORIGINAL CONDITION, INCLUDING BUT NOT LIMITED TO WALLS, FLOORS, AND CEILINGS AND THEIR ASSOCIATED FINISHES.
- N. PROVIDE SOLID WALL BACKING WITH METAL OR FIRE-RETARDANT WOOD BLOCKING BEHIND DOOR HARDWARE SUCH AS WALL STOPS, BUMPERS, HOLD OPENS, ETC. AND AT ALL ITEMS REQUIRING FASTENING THROUGH GYP BD. TO BLOCKING.
- O. RENDERED IMAGES MAY NOT BE AN ACCURATE REPRESENTATION OF BUILDING CONDITIONS. REFER TO PLANS AND DETAILS CONTAINED WITHIN FOR SCOPE OF WORK.

SHEET INDEX

SHEET #	SHEET TITLE
GENERAL	
G1-11	MOUNTING HEIGHTS, ABBREVIATIONS AND SYMBOLS
G2-11	APPENDIX B
G2-20	CODE DATA AND CODE DATA PLAN
ARCHITECTURAL	
A1-01	WALL TYPES AND NOTES
A1-11	DEMOLITION PLAN
A1-12	DEMOLITION PLAN - RCP
A1-21	FLOOR PLAN
A1-31	REFLECTED CEILING PLAN
A1-41	FLOOR FINISH PLAN
A1-49	FINISH SCHEDULES
A1-51	FLOOR FURNITURE PLAN
A1-69	SIGNAGE PLAN & SCHEDULE
A2-11	EXTERIOR ELEVATIONS
A3-11	BUILDING SECTIONS
A3-21	WALL SECTIONS
A3-22	WALL SECTIONS AND DETAILS
A3-23	WALL SECTIONS AND DETAILS
A3-24	DETAILS
A4-11	DOOR SCHEDULE, DOOR AND FRAME TYPES
A5-11	ENLARGED FLOOR PLANS
A6-11	INTERIOR ELEVATIONS- RESTROOMS
A6-12	INTERIOR ELEVATIONS
A6-13	INTERIOR ELEVATIONS
A6-14	INTERIOR ELEVATIONS
A6-15	INTERIOR ELEVATIONS
A6-16	INTERIOR DETAILS
PLUMBING	
P0-01	PLUMBING DETAILS, LEGENDS, NOTES, AND SCHEDULES
P1-01A	PLUMBING PLANS - FIRST FLOOR
P1-01B	PLUMBING PLANS - FIRST FLOOR
P1-02A	PLUMBING PLANS - SECOND FLOOR
MECHANICAL	
M0-01	MECHANICAL LEGEND, NOTES, AND SCHEDULES
M1-01A	MECHANICAL PLANS - FIRST FLOOR
M1-01B	MECHANICAL PLANS - FIRST FLOOR
M1-02A	MECHANICAL PLANS - SECOND FLOOR
M1-02B	MECHANICAL PLANS - SECOND FLOOR
ELECTRICAL	
E0-01	ELECTRICAL LEGEND AND NOTES
E0-02	ELECTRICAL FIXTURE SCHEDULES
E1-01A	ELECTRICAL LIGHTING PLANS - FIRST FLOOR
E1-01B	ELECTRICAL LIGHTING PLANS - FIRST FLOOR
E1-02A	ELECTRICAL LIGHTING PLANS - SECOND FLOOR
E1-02B	ELECTRICAL LIGHTING PLANS - SECOND FLOOR
E2-01A	ELECTRICAL POWER PLANS - FIRST FLOOR
E2-01B	ELECTRICAL POWER PLANS - FIRST FLOOR
E2-02A	ELECTRICAL POWER PLANS - SECOND FLOOR
E2-02B	ELECTRICAL POWER PLANS - SECOND FLOOR
E3-01	ELECTRICAL PANEL SCHEDULES
E3-02	ELECTRICAL RISER DIAGRAM - NORMAL
E3-03	ELECTRICAL RISER DIAGRAM - EMERGENCY
FIRE ALARM	
FA0-01	FIRE ALARM LEGENDS, NOTES, AND SCHEDULES
FA1-01	FIRE ALARM PLANS
TECHNOLOGY	
T2-11	FIRST & SECOND FLOOR TECHNOLOGY PLAN
T6-11	TECHNOLOGY MATERIAL SCHEDULES

ISG RALEIGH
BUILD OUT

RALEIGH NORTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO. 25-32986
FILE NAME 32986 Arch R24
DRAWN BY RKS/BML
DESIGNED BY AJW
REVIEWED BY RN
ORIGINAL ISSUE DATE MM/DD/YY
CLIENT PROJECT NO.

TITLE SHEET,
SHEET INDEX,
PROJECT
GENERAL NOTES

SHEET
G1-10

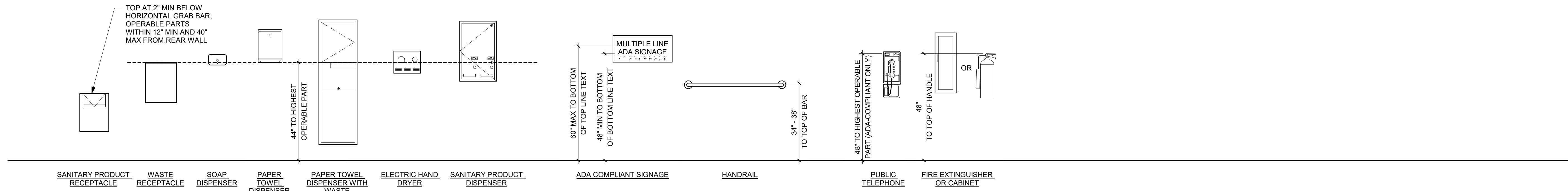
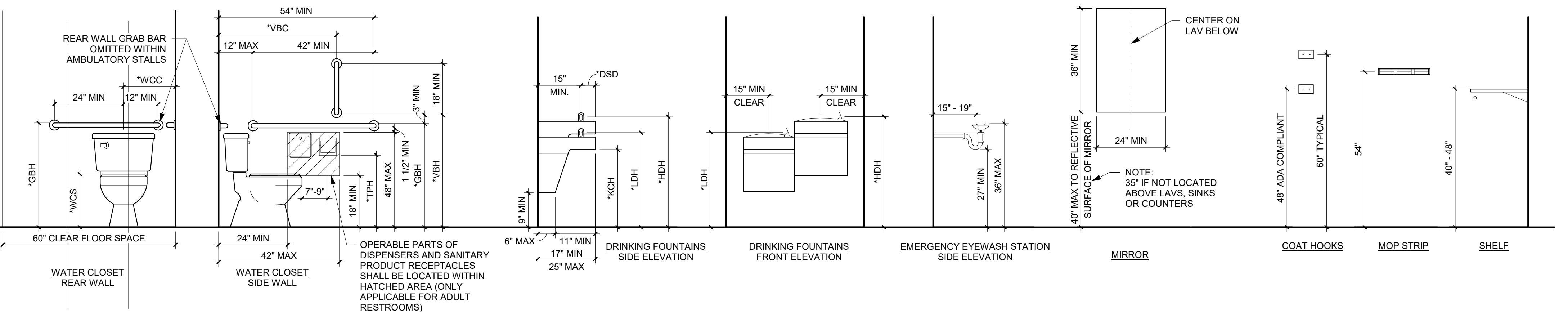
PRELIMINARY NOT FOR CONSTRUCTION PRELIMINARY NOT FOR CONSTRUCTION



MOUNTING HEIGHTS AND STANDARDS

Fixture Clearances

DESCRIPTION	FIXTURE GROUPS (PER AGE RANGE)	
	R1 ADULTS (>12 YR)	
	A ACCESSIBLE	S STANDARD
*WCC WATER CLOSET CENTER LINE	17" - 18"	16" - 18"
*WCS WATER CLOSET SEAT HEIGHT	17" - 19"	17" - 19"
*TPH TOILET TISSUE DISPENSER HEIGHT	18" - 48"	18" - 48"
*GBH GRAB BAR HEIGHT	33" - 36"	NA
*VBH VERTICAL GRAB BAR HEIGHT	39" - 41"	NA
*VBC VERTICAL GRAB BAR CENTERLINE	39" - 41"	NA
*URH URINAL RIM HEIGHT	17"	24"
*TSH TOP OF SINK OR COUNTER HEIGHT	34"	34"
*KCH KNEE CLEARANCE HEIGHT	27"	27"
*HDH HIGH DRINKING FOUNTAIN SPOUT HEIGHT	38" - 43"	38" - 43"
*LDH LOW DRINKING FOUNTAIN SPOUT HEIGHT	36"	36"
*DSD DRINKING FOUNTAIN SPOUT DEPTH	5"	5"



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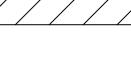
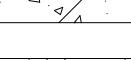
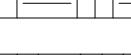
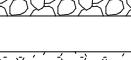
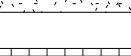
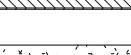
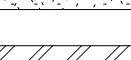
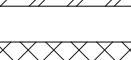
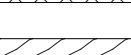
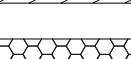
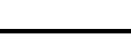
PROJECT

ISG RALEIGH BUILD OUT

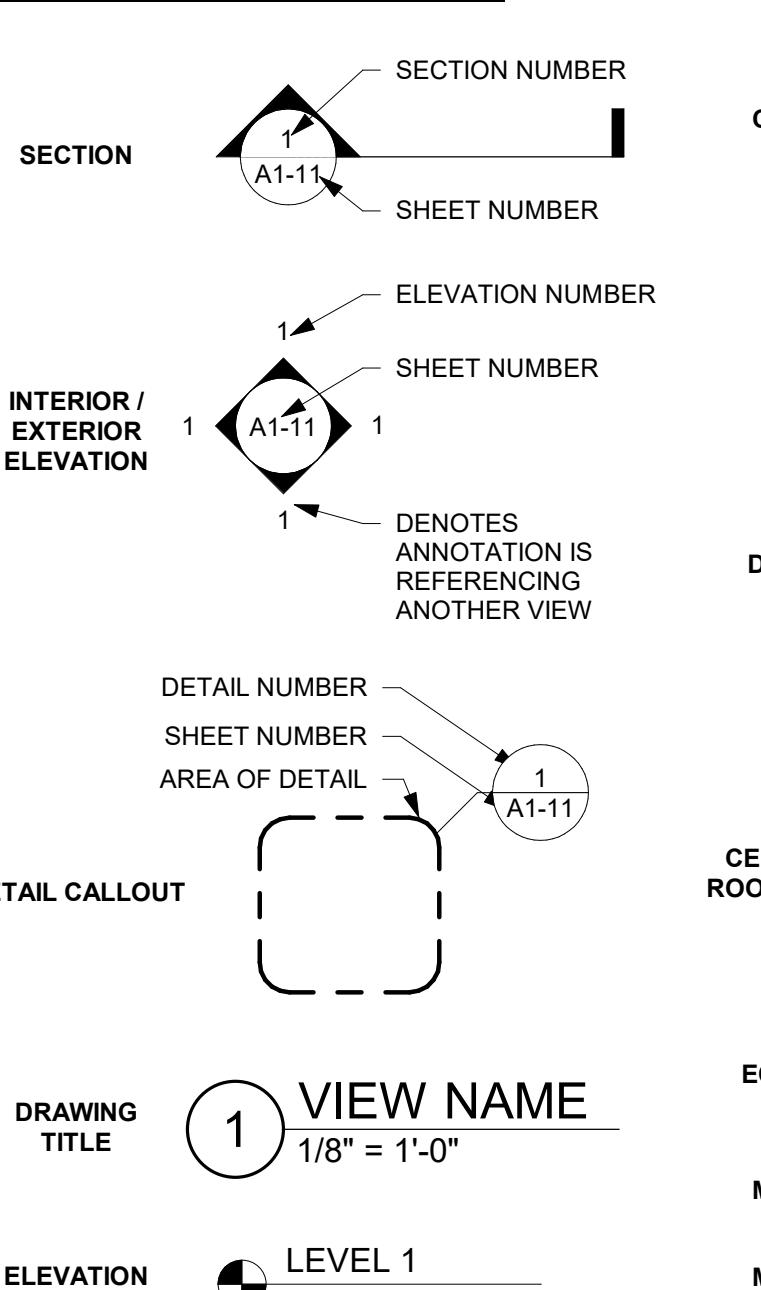
ABBREVIATIONS

POUND OR NUMBER	EMERG	EMERGENCY
AT	ENCL	ENCLOSURE
ACOUSTICAL CEILING PANEL	EPDM	ETHYLENE PROPYLENE DIENE MONOMER
ACOUSTICAL CEILING TILE	EPX	EPOXY
AMERICANS WITH DISABILITIES ACT	EQ	EQUAL
ADDENDUM	EQUIP	EQUIPMENT
ADDITIONAL	ETC	ETCETERA
ADJACENT	EWC	ELECTRIC WATER COOLER
ABOVE FINISH FLOOR	EX	EXISTING
ABOVE FINISHED GRADE	EXP	EXPANSION, EXPOSED
AIR HANDLING UNIT	EXT	EXTERIOR
ALTERNATE	F&I	FURNISH AND INSTALL
ALUMINUM	FA	FRESH AIR
APPROXIMATELY	FAAP	FIRE ALARM ANNUNCIATOR PANEL
ARCHITECTURAL	FACP	FIRE ALARM CONTROL PANEL
ACOUSTICAL WALL PANEL	FBO	FURNISHED BY OTHERS
BASE	FD	FLOOR DRAIN
BOARD	FE	FIRE EXTINGUISHER
BROADLOOM CARPET	FEC	FIRE EXTINGUISHER CABINET
BUILDING	FF	FLOOR FINISH
BOTTOM OF OR BY OWNER	FFE	FINISHED FLOOR ELEVATION
BRICK	FRP	FIBERGLASS REINFORCED PLASTIC
BEARING	FRZ	FREEZER
BASEMENT	FS	FLOOR SINK
CONDUIT	FT	FOOT OR FEET
COLD FORMED STEEL	FTG	FOOTING
CORNER GUARD	GA	GAUGE
CONTINUOUS INSULATION	GALV	GALVANIZED
CAST IN PLACE	GC	GENERAL CONTRACTOR
CONTROL JOINT OR CONSTRUCTION JOINT	GEN	GENERATOR
CENTERLINE	GFCI	GROUND FAULT CIRCUIT INTERRUPT
CEILING	GL	GLAZING
CLEAR	GND	GROUND
CORRUGATED METAL	GYP	GYPSUM
CONCRETE MASONRY UNIT	HD	HUB DRAIN
CLEANOUT	HDG	HOT DIP GALVANIZED
CONCRETE	HDW	HARDWARE
CONFERENCE	HM	HOLLOW METAL
CONTINUOUS	HORIZ	HORIZONTAL
CARPET	HSS	HOLLOW STRUCTURAL SECTION
CHAIR RAIL	HT	HEIGHT
CORK	HVAC	HEATING VENTILATION AND AIR CONDITIONING
TILE	ID	INSIDE DIAMETER
PRIVACY CURTAIN	IG	ISOLATED GROUND
CUBIC YARD	IMP	INSULATED METAL PANEL
DEMOLITION	INFO	INFORMATION
DRINKING FOUNTAIN	INP	IN-PLACE
DOOR HOLDER (MAGNETIC)	INSUL	INSULATION
DIAMETER	INT	INTERIOR
DIMENSIONAL LETTER SIGNAGE	J	JUNCTION BOX
EACH	JAN	JANITOR
ELECTRICAL CONTRACTOR	JBE	JOIST BEARING ELEVATION
EXHAUST FAN	JST	JOIST
EXTERIOR INSULATION FINISH SYSTEM	KES	KITCHEN EQUIPMENT SUPPLIER
ELECTRICAL	kW	KILOWATT
ELECTRICAL	kVA	KILOWATT HOURS

MATERIALS KEY

	BATT INSULATION
	BRICK
	CONCRETE (SECTION)
	CMU (SECTION)
	EARTH
	GRANULAR FILL
	GRAVEL
	GYPSUM BOARD OR SHEATHING
	RIGID INSULATION
	PLYWOOD
	SAND
	STEEL
	SYNTHETIC STUCCO
	WOOD
	SPRAY IN PLACE

TAGS AND SYMBOLS



TITLE

Mounting Heights, Abbreviations and Symbols

SHEET

ISG

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)

(Reproduce the following data on the building plans sheet 1 or 2)

Name of Project: **ISG RALEIGH OFFICE BUILD OUT**
 Address: **510 S WILMINGTON STREET** Zip Code **27601**
 Owner/Authorized Agent: **MADELINE NEWMAN** Phone # **(507) 438 - 6918** E-Mail: **MADELINE.NEWMAN@ISGINC.COM**
 Owned By: City/County Private State
 Code Enforcement Jurisdiction: City County State

CONTACT:
 DESIGNER FIRM NAME LICENSE # TELEPHONE # E-MAIL
 Architectural **1&S GROUP, ISG INC.** ROBERT NUSSEAR 6438 **(919) 388 - 0363** Robert.Nussear@ISGinc.com
 Civil **LIGHHOUSE ENGINEERING** JIMMY STEELMAN **(919) 835 - 9781** jrs@lighthouseengineering.com
 Electrical **LIGHOUSE ENGINEERING** JIMMY STEELMAN **(919) 835 - 9781** jrs@lighthouseengineering.com
 Fire Alarm **LIGHOUSE ENGINEERING** PRESTON IVIE **(919) 835 - 9781** pvi@lighthouseengineering.com
 Plumbing **LIGHOUSE ENGINEERING** STEVEN TRAN **(919) 835 - 9781** std@lighthouseengineering.com
 Mechanical **LIGHOUSE ENGINEERING** **(919) 835 - 9781** std@lighthouseengineering.com
 Sprinkler-Standpipe **(919) 835 - 9781**
 Structural **(919) 835 - 9781**
 Retaining Walls >5' High **(919) 835 - 9781**
 Other **1&S GROUP, ISG INC. (ID)** **ANDREA WRIGHT** **(319) 504 - 5079** andrea.wright@isginc.com
 ("Other" should include firms and individuals such as trust, precast, pre-engineered, interior designers, etc.)

2018 NC BUILDING CODE: New Building Addition Renovation
 1st Time Interior Completion
 Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements
 Phased Construction - Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements

2018 NC EXISTING BUILDING CODE: EXISTING: Prescriptive Repair Chapter 14
 Alteration: Level I Level II Level III
 Historic Property Change of Use
CONSTRUCTED: (date) **3/19/2015** **CURRENT OCCUPANCY(S) (Ch. 3):** **BUSINESS**
RENOVATED: (date) **PROPOSED OCCUPANCY(S) (Ch. 3):** **BUSINESS**

RISK CATEGORY (Table 1604.5): Current: I II III IV
 Proposed: I II III IV

BASIC BUILDING DATA
 Construction Type: I-A II-A III-A IV V-A
 (check all that apply) I-B II-B III-B IV-B
 Sprinklers: No Partial Yes NFPA 13 NFPA 13R NFPA 13D
 Standpipes: No Yes Class: I II III Wet Dry
 Fire District: No Yes Flood Hazard Area: No Yes
 Special Inspections Required: No Yes (Contact the local inspection jurisdiction for additional procedures and requirements.)

Gross Building Area Table				
FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL,	
P1	84,385 SF	-	-	
P2	84,385 SF	-	-	
P3	84,385 SF	-	-	
LL	77,376 SF	-	-	
1	21,658 SF	-	-	
2	21,672 SF	-	-	
3	22,130 SF	-	-	
4	22,130 SF	-	-	
5	22,130 SF	-	-	
6	22,130 SF	-	-	
7	22,130 SF	-	-	
8	22,130 SF	-	-	
9	22,130 SF	-	-	
10	22,130 SF	-	-	
11	22,145 SF	-	-	
PH	3,005 SF	-	-	
TOTAL	576,051 SF			

- Area of Project Tenant/Alteration/Renovation: **11,506 SF**- Area of Construction: **11,506 SF**

ALLOWABLE AREA

Primary Occupancy Classification(s):
 Assembly: A-1 A-2 A-3 A-4 A-5
 Business:
 Educational:
 Factory: F-1 Moderate F-2 Low
 Hazardous: H-1 Detonate H-2 Deflagrate H-3 Combust H-4 Health H-5 HPM
 Institutional: I-1 Condition I 2
 I-2 Condition I 2
 I-3 Condition I 2 3 4 5
 I-4
 Mercantile:
 Residential: R-1 R-2 R-3 R-4
 Storage: S-1 Moderate S-2 Low High-piled
 Parking Garage Open Enclosed Repair Garage
 Utility and Miscellaneous:

Accessory Occupancy Classification(s):

Incidental Uses (Table 509):

Special Uses (Chapter 4 - List Code Sections):

Special Provisions: (Chapter 5 - List Code Sections):

Mixed Occupancy: No Yes Separation: **1 Hr.** Exception:

Non-Separated Use (508.3) - The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.

Separated Use (508.4) - See below for area calculations for each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

Actual Area of Occupancy A + *Actual Area of Occupancy B* ≤ 1
Allowable Area of Occupancy A + *Allowable Area of Occupancy B*

$\frac{Actual Area of Occupancy A}{Allowable Area of Occupancy A} + \frac{Actual Area of Occupancy B}{Allowable Area of Occupancy B} \leq 1.00$

2²
 1²
 0 1/4 1/2²

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2 ⁴ AREA	(C) AREA FOR FRONTRAGE INCREASE ^{1,5}	(D) ALLOWABLE AREA PER STORY OR UNLIMITED ^{2,3}

¹ Frontrage area increases from Section 506.
 a. Perimeter which fronts a public way
 b. Total Building Perimeter
 c. Ratio (F/P) = $\frac{F}{P}$
 d. W = Minimum width of public way = $\frac{F}{P}$ (W)
 e. Percent of frontage increase $I = 100(F/P - 0.25) \times \frac{W}{30} = \frac{W}{30} (\%)$
² Unlimited area applicable under conditions of Section 507.
³ Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2).
⁴ The maximum area of open parking garages must comply with Table 406.5.4.
⁵ Frontrage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT (EXISTING BUILDING)			
	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE ¹
Building Height in Feet (Table 504.3) ²	UL	18'	TABLE 503
Building Height in Stories (Table 504.4) ³	UL	12	TABLE 503

¹ Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.
² The maximum height of air traffic control towers must comply with Table 412.3.1.
³ The maximum height of open parking garages must comply with Table 406.5.4.

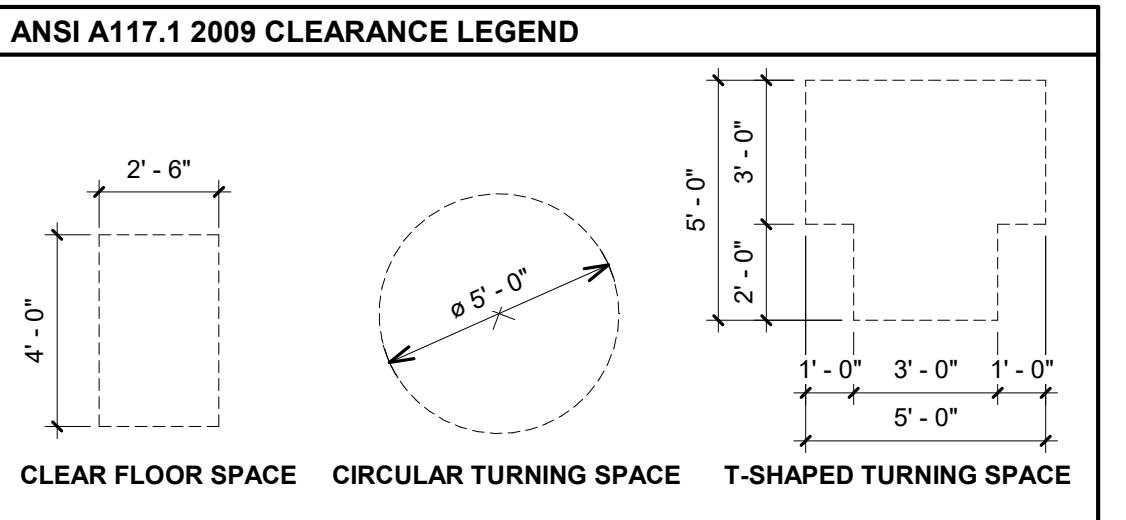
FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING	REQ'D (W/ REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	SHOOT # FOR RATED PENETRATION	SHOOT # FOR RATED JOINTS	SEE PM& SHEETS
Structural Frame, including columns, girders, trusses	N/A	-	-	-	-	-	-	-
Bearing Walls	-	-	-	-	-	-	-	-
Exterior	-	-	-	-	-	-	-	-
North	-	-	-	-	-	-	-	-
East	-	-	-	-	-	-	-	-
West	-	-	-	-	-	-	-	-
South	-	-	-	-	-	-	-	-
Interior	-	-	-	-	-	-	-	-
Nonbearing Walls and Partitions	-	-	-	-	-	-	-	-
Exterior walls	-	-	-	-	-	-	-	-
North	-	-	-	-	-	-	-	-
East	-	-	-	-	-	-	-	-
West	-	-	-	-	-	-	-	-
South	-	-	-	-	-	-	-	-
Interior walls and partitions	1HR/2HR	-	-	CS 20, CS 21	U905, U419, U438	-	-	HW-D-003

* Indicate section number permitting reduction

ISG

FIRE SUPPRESSION NOTES	
(MODIFIED OR ADDITION TO EXISTING SPRINKLER SYSTEM)	
THROUGHOUT AREA OF WORK, MODIFY EXISTING AND / OR PROVIDE A NEW NFPA 13 FIRE SUPPRESSION (SPRINKLER) SYSTEM. THE LICENSED AUTOMATIC SPRINKLER SYSTEM DESIGNER / INSTALLER SHALL FIELD VERIFY ALL CONDITIONS PRIOR TO BID. THE NFPA 13 SPRINKLER SYSTEM SHALL BE DESIGNED, MODIFIED AND TESTED BY A LICENSED AUTOMATIC SPRINKLER SYSTEM DESIGNER / INSTALLER AND SHALL MEET ALL APPLICABLE CODE REQUIREMENTS. THE LICENSED AUTOMATIC SPRINKLER SYSTEM DESIGN DOCUMENTS AND SHALL SUBMIT THEM TO ALL APPLICABLE JURISDICTIONS AND AUTHORITIES AND SHALL PROCURE ALL NECESSARY PERMITS. SPRINKLER DESIGNER / INSTALLER SHALL PAY ALL NECESSARY PERMITTING FEES.	
DESIGN OF NEW / MODIFIED NFPA 13 SPRINKLER SYSTEM SHALL BE BASED ON, BUT NOT LIMITED TO THE FOLLOWING CRITERIA:	
<ol style="list-style-type: none"> 1. COMPLY WITH NFPA 13 AND ALL OTHER APPLICABLE CODES. 2. MODIFY EXISTING SPRINKLER HEAD LAYOUT TO PROVIDE ADEQUATE COVERAGE PER CODE REQUIREMENTS. 3. MODIFY EXISTING SPRINKLER HEAD AND PIPING LAYOUT INCLUDING ALL DROPS, ARM-OVERS AND MAIN PIPES TO AVOID RELOCATED DIFFUSERS, LIGHT FIXTURES, MECHANICAL WORK, PLUMBING WORK, ELECTRICAL WORK, DEMOLITION WORK, NEW CONSTRUCTION WORK AND ALL OTHER WORK AND COMPONENTS IN THE CONTRACT. 4. COMPLETE ALL TEMPORARY AND PERMANENT WORK NECESSARY FOR THE REMOVAL AND REPLACEMENT OF CEILING GRIDS, INCLUDING NEW CEILING GRIDS AND GRIDS REMOVED AND REPLACED ONLY TO COMPLETE OTHER WORK. 5. PROVIDE PROPER COVERAGE IN CONCEALED SPACES AS REQUIRED PER CODE. 6. WHERE INSTALLING NEW WORK ADJACENT TO EXISTING, MATCH THE NEW WORK TO EXISTING COMPONENTS WITHIN CODE LIMITATIONS. 7. ALL NEW AND RELOCATED SPRINKLER PIPING AND COMPONENTS SHALL BE CONCEALED ABOVE CEILINGS AND WITHIN WALLS. 8. ALL SPRINKLER HEADS TO BE INSTALLED IN ACOUSTICAL CEILING TILE SHALL BE INSTALLED IN CENTER OF TILE. 	



CODE DATA PLAN STANDARDS:

1. ALL FIRE RATING WALL TYPE PARAMETERS MUST MATCH THE CODE DATA PLAN KEY ABBREVIATIONS.
A. USE THE DYNAMO SCRIPT "WALL FIRE RATINGS" TO GENERATE GRAPHICS IN THE ACTIVE PLAN VIEW
2. REMOVE THIS NOTE WHEN VERIFIED.

EGRESS PATH SCHEDULE

MARK	TRAVEL DISTANCE	ALLOWABLE TRAVEL DISTANCE	CLEAR WIDTH	COMMENTS
Egress Path 1	92' - 6 5/32"	300'	3' - 0"	
Egress Path 2	84' - 10 1/8"	300'	3' - 0"	
EXIT SEPARATION	140' - 9"		3' - 0"	

PLUMBING FIXTURE COUNT

WATER CLOSETS: 1 WATER CLOSET PER FIRST 25 OCCUPANTS, THEN 1 WATER CLOSET PER 30 FOR THE REMAINDER EXCEEDING 50

LAVATORIES: 1 PER FIRST 40 OCCUPANTS, THEN 1 LAVATORY PER 80 FOR THE REMAINDER EXCEEDING 80

MEZZANINE ONLY:
2568 SQ FT/150 = 18 OCCUPANCY LOAD
1 WATER CLOSET
1 LAVATORY

LEVEL 1 ONLY:
9563 SQ FT/150 = 64 OCCUPANCY LOAD
3 WATER CLOSETS
2 LAVATORIES

COMBINED:
12131 SQ FT/150 = 81 OCCUPANCY LOAD
3 WATER CLOSETS
3 LAVATORIES

PROVIDING:
4 WATER CLOSETS AND 4 LAVATORIES ON FIRST FLOOR LEVEL
1 WATER CLOSET AND 1 LAVATORY AT MEZZANINE LEVEL
IN TOTAL WE ARE PROVIDING 5 WATER CLOSETS AND 5 LAVATORIES

WALL LEGEND	
	EXISTING CONSTRUCTION TO REMAIN
	EXISTING RATED INTERIOR CONSTRUCTION TO REMAIN
	EXISTING RATED EXTERIOR CONSTRUCTION TO REMAIN
	NEW CONSTRUCTION
	NEW RATED INTERIOR CONSTRUCTION
	NEW RATED EXTERIOR CONSTRUCTION

CONTRACTOR TO VERIFY EXISTING RATED WALL CONSTRUCTION IN FIELD AND REPORT ANY DISCREPANCIES TO THE PROJECT ARCHITECT.

CODE DATA PLAN KEY

	EGRESS WIDTH INCHES EGRESS OCCUPANT CAPACITY / OCCUPANTS SERVED
	COMMON PATH OF TRAVEL
	EGRESS PATH
	EXIT SEPARATION
	EXIT
	FIRE EXTINGUISHER
	SEMI-RECESSED FIRE EXTINGUISHER CABINET COLOR: ENSURE TO COORDINATE WITH SPEC
	AUTOMATED EXTERNAL DEFIBRILLATOR
EW3	3-HOUR EXTERIOR WALL
EW2	2-HOUR EXTERIOR WALL
EW1	1-HOUR EXTERIOR WALL
FW4	4-HOUR FIRE WALL
FW3	3-HOUR FIRE WALL
FW2	2-HOUR FIRE WALL
FB4	4-HOUR FIRE BARRIER
FB3	3-HOUR FIRE BARRIER
FB2	2-HOUR FIRE BARRIER
FB1 1/2	1 1/2-HOUR FIRE BARRIER
FB1	1-HOUR FIRE BARRIER
FP1	1-HOUR FIRE PARTITION
FP1/2	1/2-HOUR FIRE PARTITION
SB1	1-HOUR SMOKE BARRIER
SP	SMOKE PARTITION
CCPS	CONSTRUCTION CAPABLE OF RESISTING THE PASSAGE OF SMOKE

ISG RALEIGH
BUILD OUT

RALEIGH NORTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

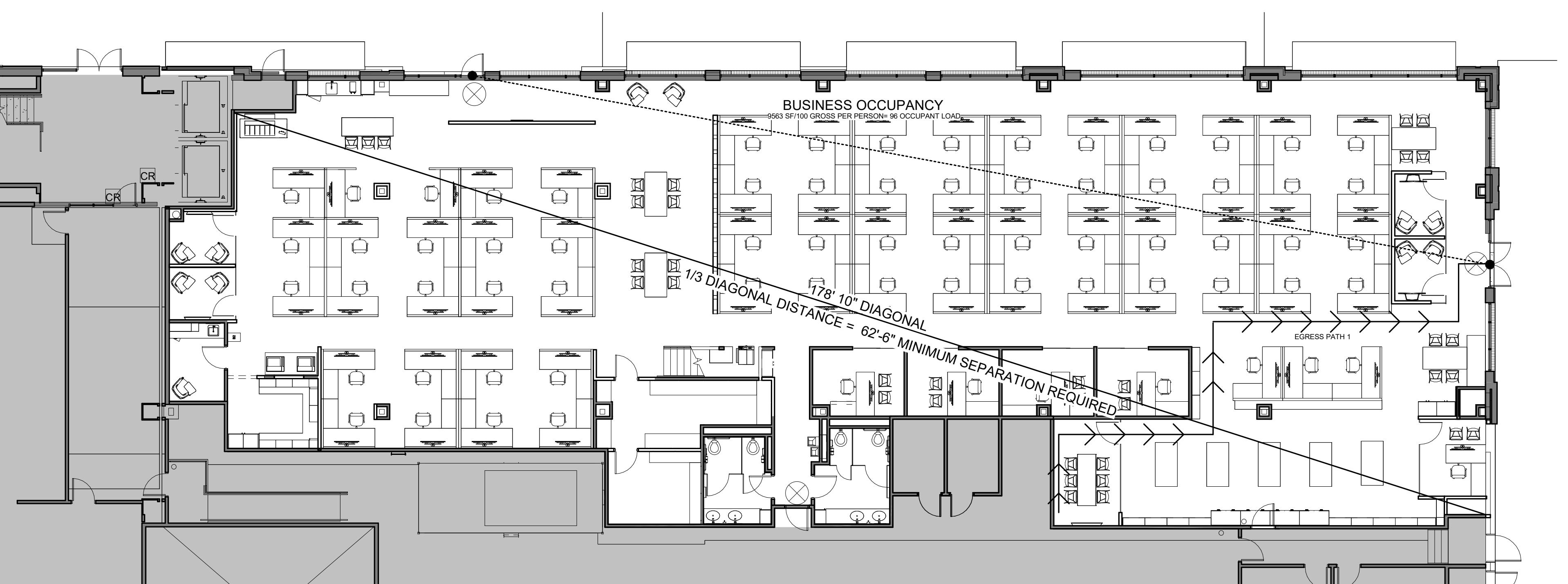
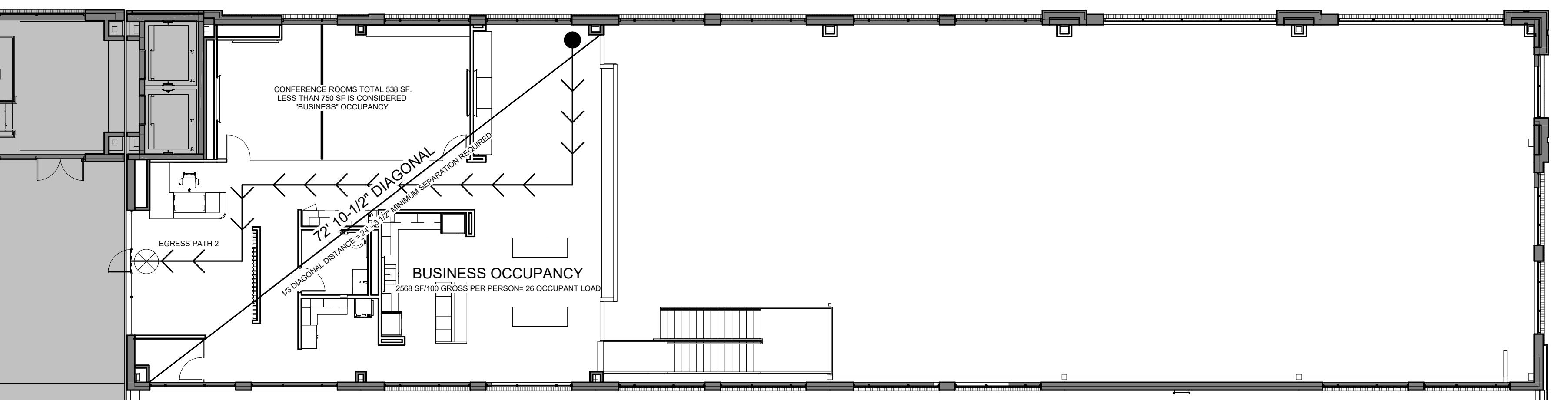
PROJECT NO. 25-32986
FILE NAME 32986 Arch R24
DRAWN BY Author
DESIGNED BY Designer
REVIEWED BY Checker
ORIGINAL ISSUE DATE MM/DD/YY
CLIENT PROJECT NO.

TITLE

CODE DATA AND
CODE DATA PLAN

SHEET

G2-20





GENERAL ASSEMBLY NOTES:

- NOT ALL ASSEMBLY TYPES LISTED APPLY TO THIS PROJECT. REFER TO FLOOR PLANS FOR LOCATIONS AND ADDITIONAL NOTES.

LIGHT GAUGE STEEL FRAMING MEMBER DESIGNATION SYSTEM: (REFER TO STRUCTURAL NOTES)

600S125-54 (EQUIVALENT TO 6" x 16 GAUGE STUD OR JOIST WITH 1 1/4" FLANGES)

MINIMUM BASE METAL THICKNESS IN MILS. EXAMPLE - .054 = 54 MILS)

18 = 25 GAUGE	43 = 18 GAUGE
27 = 22 GAUGE	54 = 16 GAUGE
30 = 20 GAUGE (DRYWALL)	68 = 14 GAUGE
33 = 20 GAUGE (STRUCTURAL)	97 = 12 GAUGE

FLANGE WIDTH (1/100 INCHES): EXAMPLE - 125 = 1.25"

STYLE: S = STUD OR JOIST SECTION (WITH FLANGE STIFFENERS) = 

T = TRACK SECTION = 

U = CHANNEL SECTION (STUDS WITHOUT FLANGE STIFFENERS) = 

F = FURRING CHANNEL = 

Z = ZEE SECTION = 

MEMBER DEPTH (1/100 INCHES): EXAMPLE - 600 = 6"

IN ALL WET AREAS SUCH AS SHOWERS AND TUBS, INSTALL CEMENT-BASED BACKER BEHIND AREAS SCHEDULED TO RECEIVE TILE FINISH.

PROVIDE A MINIMUM OF MOISTURE-RESISTANT GYPSUM BOARD ON ALL RESTROOM WALLS AND OTHER AREAS SCHEDULED TO RECEIVE FRP OR TILE FINISH.

ALL PARTITIONS CONTAINING PLUMBING OR HAVING AN EXTERIOR FACE SHALL BE INSULATED.

REFERENCE FINISH PLANS FOR ADDITIONAL FINISHES NOT INDICATED ON PARTITION TYPES.

INCLUDE PAINTABLE ACOUSTIC SEALANT AT WALL PERIMETER (TOP, BOTTOM, AND SIDES) TERMINATIONS AND PENETRATIONS FOR ALL NON RATED ASSEMBLIES. TYPICAL BOTH SIDES OF ASSEMBLY.

PROVIDE FIRE RETARDANT TREATED WOOD OR STEEL BACKING FOR ALL WALL-MOUNTED FINISH CARPENTRY, ARCHITECTURAL WOODWORK, TOILET PARTITIONS, ACCESSORIES AND OTHER SIMILAR ITEMS.

WOOD FRAMING MEMBERS IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESERVATIVE TREATED.

REFER TO STRUCTURAL DOCUMENTS FOR LOCATIONS AND CRITERIA OF LOAD BEARING AND SHEAR WALLS.

ALL NON-RATED WALLS TO BE CONSTRUCTED FULL HEIGHT TO THE UNDERSIDE OF FLOOR OR ROOF STRUCTURE ABOVE UNLESS NOTED OTHERWISE.

PROVIDE DOUBLE TOP PLATES AT ALL WOOD LOAD BEARING WALLS.

NON LOAD BEARING METAL STUD WALLS SHALL HAVE A SLOTTED TOP TRACK FOR DEFLECTION. FINISHES / SUBSTRATES SHALL NOT BE FASTENED TO THE TOP TRACK.

NOT USED.

PROVIDE 1" GAP FOR DEFLECTION ALLOWANCE BETWEEN WALL FINISH, SUBSTRATE, AND STRUCTURE ABOVE. COORDINATE WITH STRUCTURAL DOCUMENTS.

COLD FORMED FRAMING DESIGNED BY FRAMING CONTRACTOR; REFER TO STRUCTURAL NOTES FOR COMPONENTS AND CLADDING DESIGN REQUIREMENTS.

ADDITIONAL NOTES FOR FIRE-RATED ASSEMBLIES:

ALL ASSEMBLIES NOTED TO BE FIRE-RESISTANCE RATED SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE REFERENCED FIRE RESISTANCE TEST. ANY PROPRIETARY PRODUCTS REQUIRED BY FIRE RATED ASSEMBLIES AS INDICATED ON THE DRAWINGS ARE APPROVED.

ALTERNATE MATERIALS AND ASSEMBLIES MUST BE APPROVED BY THE ARCHITECT PRIOR TO COMMENCING WORK.

HIGHER FIRE-RATED ASSEMBLIES SHALL BE CONSTRUCTED BEFORE LOWER (OR NON-RATED) ASSEMBLIES.

ALL FIRE-RATED WALLS TO BE CONSTRUCTED FULL HEIGHT FROM TOP OF UNFINISHED FLOOR TO UNDERSIDE OF STRUCTURE ABOVE.

INCLUDE SEALANT, MATERIALS, AND/OR ASSEMBLIES AT WALL PERIMETER (TOP, BOTTOM, AND SIDES) TERMINATIONS AND PENETRATIONS WHICH MAINTAIN THE FIRE-RESISTANCE RATING. TYPICAL BOTH SIDES OF ASSEMBLY.

REFER TO IBC CHAPTER 7, TABLE "MINIMUM EQUIVALENT THICKNESS OF BEARING OR NONBEARING CONCRETE MASONRY WALLS" FOR CALCULATED FIRE-RESISTANCE RATING.

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PROJECT

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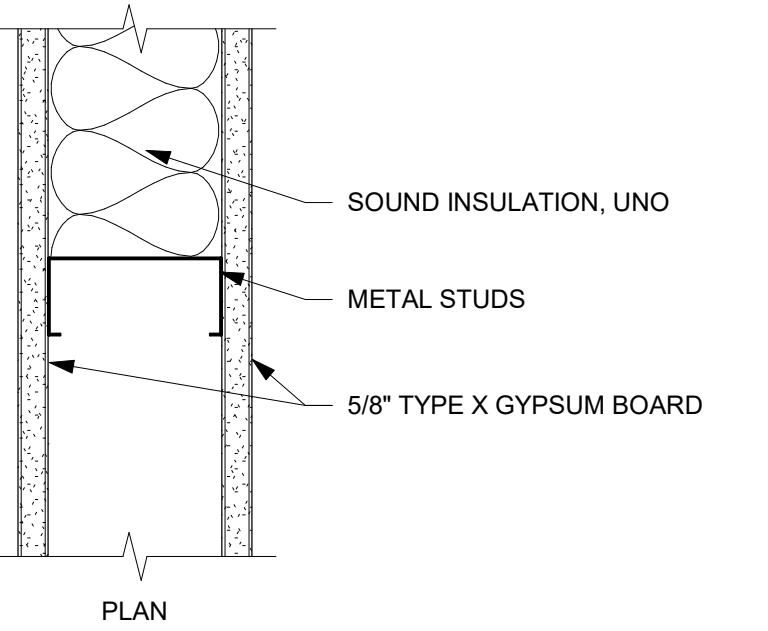
RALEIGH NORTH CAROLINA

— 1 —

WALL TYPES AND NOTES

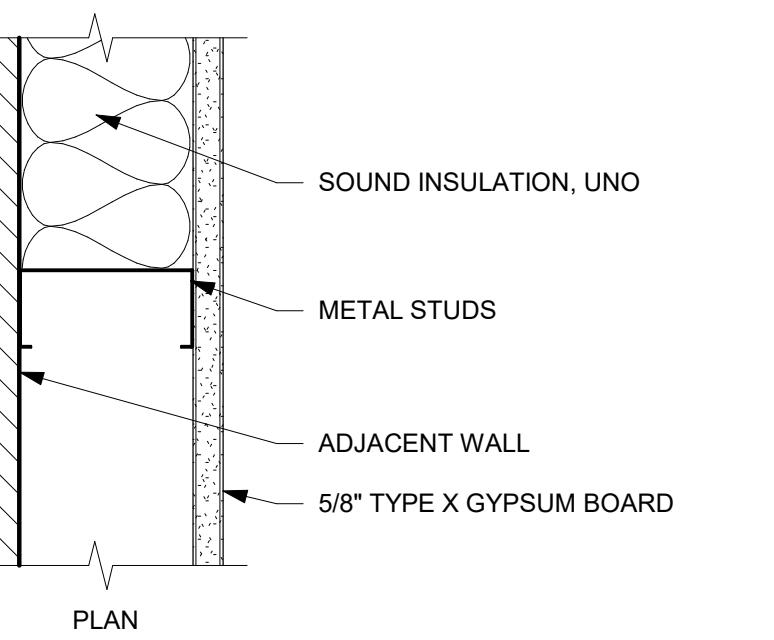
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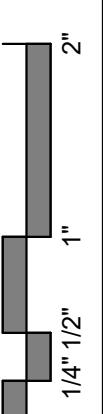
WALL TYPE A (METAL STUD PARTITION)

NOT TO SCALE

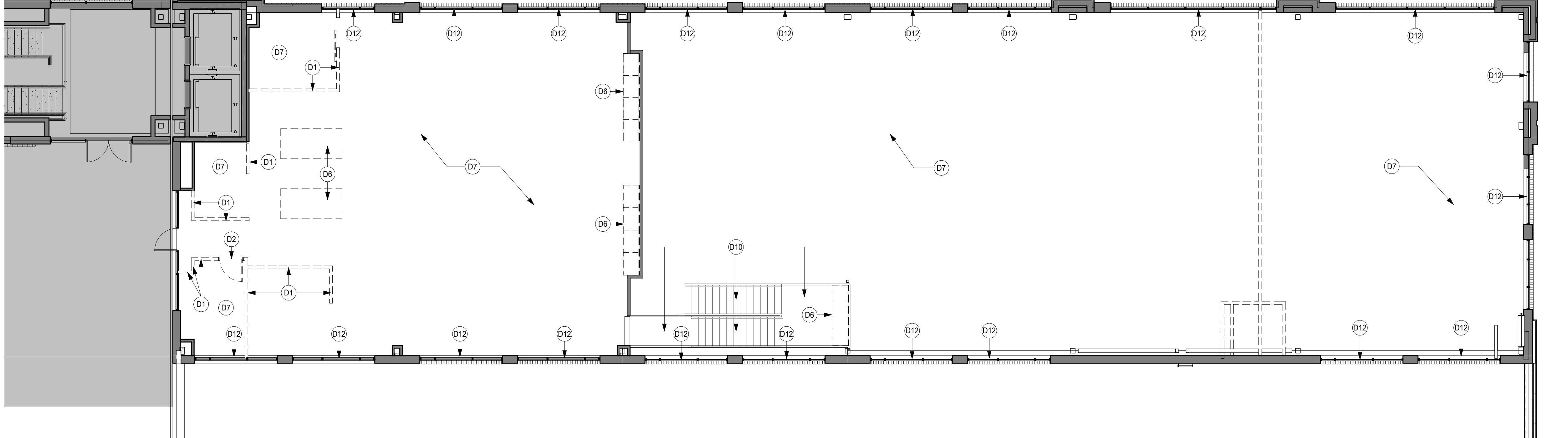


WALL TYPE B (METAL STUD FURRING)

NOTES:

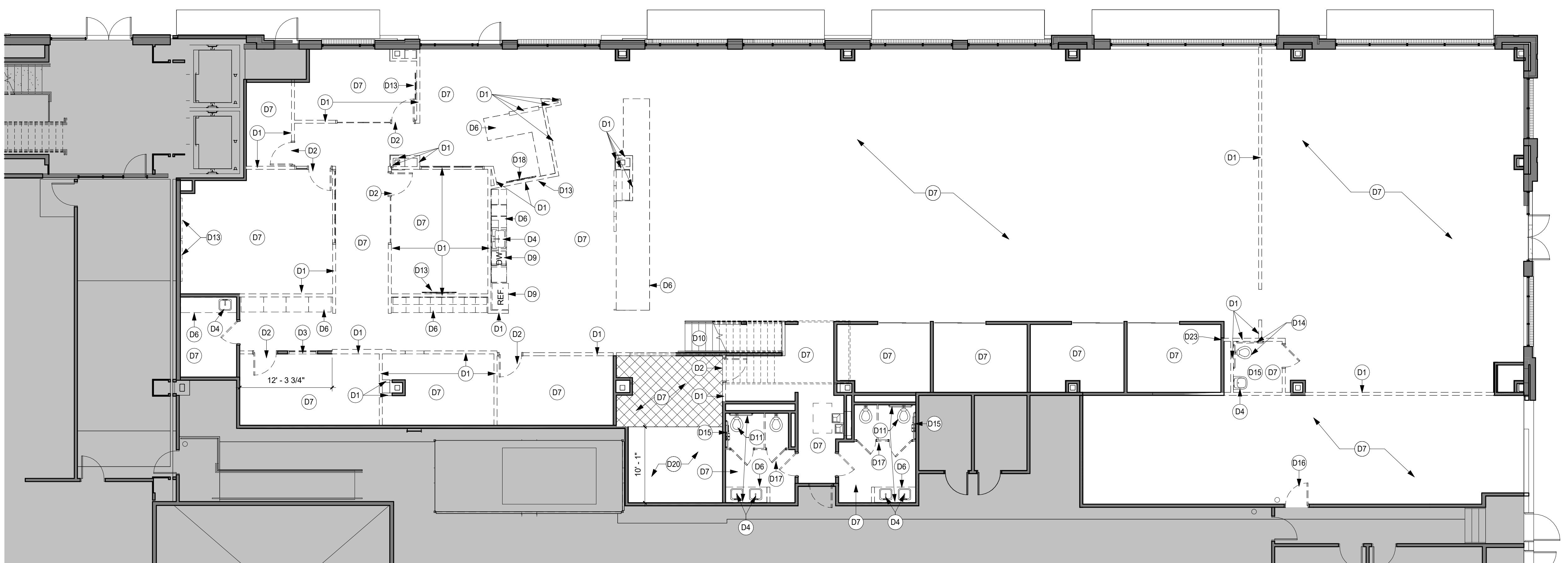


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2 MEZZANINE DEMOLITION PLAN

1/8" = 1'-0"



1 FIRST FLOOR DEMOLITION PLAN

1/8" = 1'-0"

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WALL LEGEND		
—	EXISTING CONSTRUCTION TO REMAIN	
— — —	DEMOLITION	
■■■	NOT IN SCOPE OF WORK	

KEYNOTE LEGEND		
D1	DEMO/REMOVE WALL	
D2	DEMO/REMOVE DOOR AND FRAME	
D3	DEMO/REMOVE WINDOW	
D4	DEMO/REMOVE PLUMBING FIXTURE, REFER TO MECHANICAL DOCUMENTS	
D6	DEMO/REMOVE CASEWORK AND COUNTER, PREP WALL TO MATCH ADJACENT FOR NEW FINISHES AS REQUIRED, REFER TO NEW PLANS AND ELEVATIONS	
D7	DEMO/REMOVE FLOORING, WALL BASE AND WALL FINISHES, PREP FOR NEW FINISHES, REFER TO NEW PLANS AND ELEVATIONS	
D9	REMOVE/SALVAGE FRIDGE/DISHWASHER, RETURN TO OWNER	
D10	DEMO/REMOVE RUBBER FLOORING AND PREP SURFACE FOR POLISHED CONCRETE FLOOR.	
D11	REMOVE/SALVAGE TOILETS, FAUCETS, MIRRORS, GRAB BARS, AND SOAP DISPENSERS FOR REUSE	
D12	REMOVE WINDOW TINTING FILM	
D13	REMOVE/SALVAGE TV FOR REUSE	
D14	REMOVE/SALVAGE SOAP DISPENSER, MIRROR, TOILET AND GRAB BARS FOR REUSE IN RESTROOM 207.	
D15	DEMO/REMOVE PAPER TOWEL DISPENSER, TRASH, TOILET PAPER DISPENSER, AND SANITARY NAPKIN DISPOSAL.	
D16	DEMO/REMOVE DOOR AND INFILL	
D17	DEMO/REMOVE STALLS AND REPLACE WITH NEW	
D18	REMOVE AND SALVAGE ISG LOGO SIGN FOR REUSE	
D20	EXISTING STATIC DISSIPATIVE TILE TO REMAIN, REFER TO FINISH PLANS.	
D23	DEMO UPPER PORTION OF WALL TO ALIGN WITH ADJACENT OFFICE WALLS	

DEMOLITION SHEET NOTES

- A. EXISTING CONDITIONS SHOWN ON DRAWINGS REPRESENT CURRENT BUILDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE DRAWINGS AND FIELD VERIFY EXISTING CONDITIONS TO DETERMINE SCOPE OF DEMOLITION WORK REQUIRED TO COMPLETE THE REMODELING WORK INDICATED ON THE DRAWINGS. PRIOR TO PERFORMING WORK ADDITIONAL WORK THAT IS REQUIRED, WAS VISIBLE, AND COULD HAVE BEEN IDENTIFIED DURING BIDDING SHALL BE COMPLETED BY THE RESPONSIBLE TRADE CONTRACTOR(S) AT NO ADDITIONAL COST TO THE OWNER.
- B. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW. WORK DONE WITHOUT RESOLUTION OF DISCREPANCIES MUST BE REDONE AT THE REQUEST OF THE ARCHITECT AT NO ADDITIONAL COST TO THE CONTRACTOR.
- C. REMOVAL OF ANY EXISTING CONSTRUCTION SHALL INCLUDE WHAT IS NECESSARY AND REQUIRED TO ACCOMMODATE THE REQUIREMENTS OF NEW CONSTRUCTION.
- D. ALL LOOSE FURNISHINGS (CHAIRS, TABLES, DESKS, ETC.) SHALL BE REMOVED AND RE-INSTALLED BY THE OWNER UNLESS NOTED OTHERWISE.
- E. ALL CORING THRU EXISTING FLOORS, WALLS & CEILINGS SHALL BE PERFORMED BY THE CONTRACTOR REQUIRING THE SAME.
- F. ALL ROOF PENETRATIONS SHALL BE PERFORMED BY THE TRADE REQUIRING THE SAME. PATHONIC & FLASHING ROOF SHALL BE PERFORMED BY THE ROOFING CONTRACTOR. VERIFY WITH OWNER FOR ITEMS TO BE SALVAGED BEFORE STARTING DEMOLITION WORK.
- G. COORDINATE DEMOLITION OF LOAD BEARING WALLS & STRUCTURAL ELEMENTS WITH STRUCTURAL PLANS.
- H. CONSTRUCT DUST PROOF PARTITIONS TO SEPARATE AREAS OF CONSTRUCTION FROM ADJACENT OCCUPIED AREAS OUTSIDE SCOPE OF CONSTRUCTION.
- I. AT OPENINGS FROM EXISTING MASONRY WALLS, REMOVE EXISTING WALL TO NEAREST MASONRY JOINT. SEE FLOOR PLAN FOR OPENING SIZES. SAWTOOTH INTO EXISTING JAMB, MATCH ADJACENT FINISHES, UNLESS NOTED OTHERWISE.
- K. REQUIRED MEANS OF EGRESS FROM THE BUILDING SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION WHEN THE BUILDING REMAINS OCCUPIED. IN THE EVENT THAT AN EXISTING MEANS OF EGRESS CANNOT BE MAINTAINED, THE GENERAL CONTRACTOR SHALL PROVIDE AN APPROVED TEMPORARY MEANS OF EGRESS.
- L. MAINTAIN THE INTEGRITY OF ALL EXISTING RATED ELEMENTS, FIRE SEAL ANY PENETRATIONS WITH UL APPROVED ASSEMBLY.
- M. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES.
- N. DO NOT INTERRUPT EXISTING UTILITIES, EXCEPT WHEN AUTHORIZED WRITING BY A CONTRACTOR'S TRADE SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES AS ACCEPTABLE TO GOVERNING AUTHORITIES.
- O. WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH REMOVAL.
- P. WHERE EXISTING INTERIOR PARTITIONS ARE REPLACED OR REMOVED, REMOVE MEP SYSTEMS BACK PANEL, OR MECHANICAL ROOM OR FARTHEST POSSIBLE POINT WITHIN THE ROOM. REMOVE EXISTING MECHANICAL EQUIPMENT, RELOCATE POWER PER MEP DRAWINGS.
- Q. ALL WALLS IN EXISTING ROOMS IN WHICH WORK IS OCCURRING: A) REPAIR HOLES, DEFECTS, ETC. IN EXISTING WALLS; B) AT REPAIRS AND UNPAINTED CMU, PROVIDED BLOCK FILL PAINT AND TWO FINAL COATS OF PAINT; C) PROVIDE ONE FINISH COAT OF PAINT OVER EXISTING PAINTED WALLS.

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PROJECT

ISG RALEIGH
BUILD OUT

RALEIGH NORTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO. 25-32986

FILE NAME 32986 Arch R24

DRAWN BY RKS/BML

DESIGNED BY AJW

REVIEWED BY RN

ORIGINAL ISSUE DATE MM/DD/YY

CLIENT PROJECT NO.

TITLE

DEMOLITION
PLAN

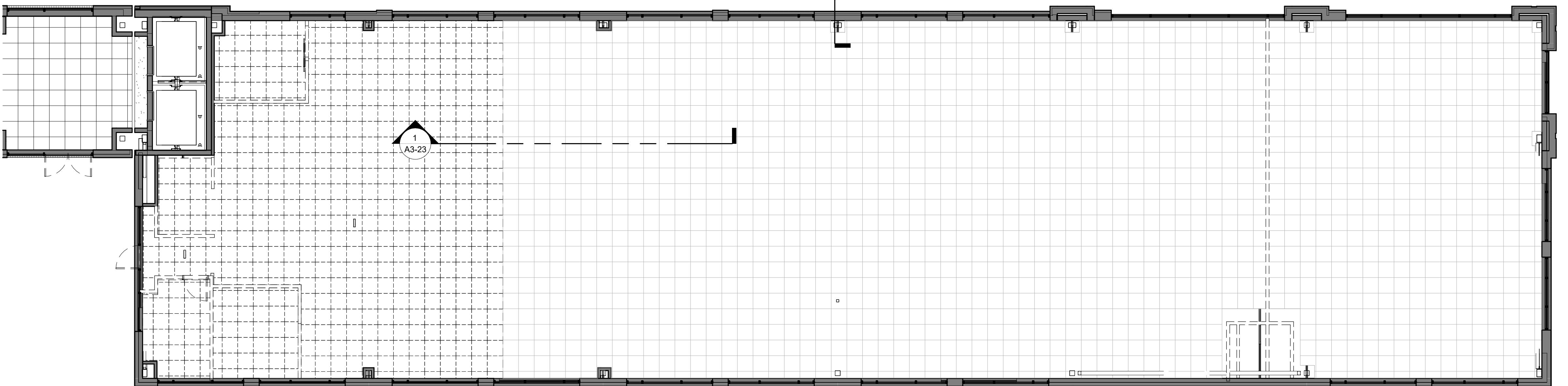
SHEET

A1-11

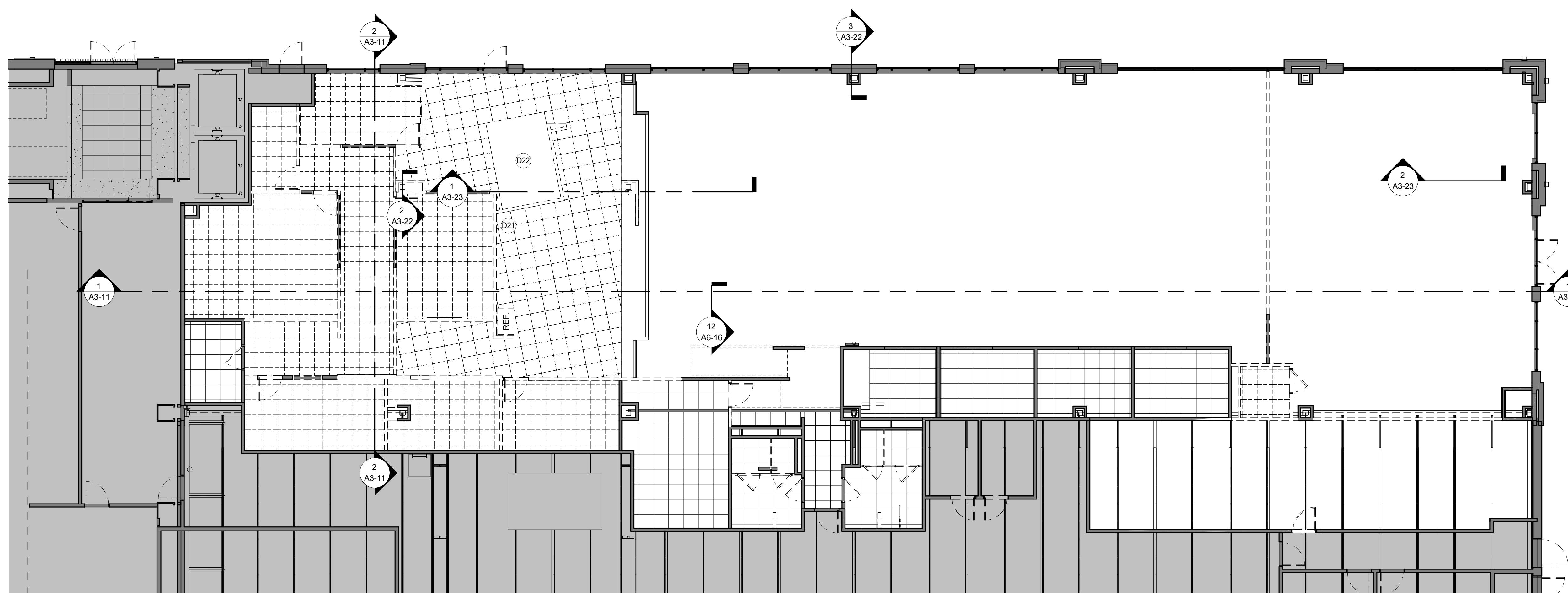
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WALL LEGEND		
—	EXISTING CONSTRUCTION TO REMAIN	
— — —	DEMOLITION	
—	NOT IN SCOPE OF WORK	

KEYNOTE LEGEND	
D21	DEMO ACT
D22	DEMO COMPOUND CEILING



2 MEZZANINE REFLECTED CEILING PLAN
1/8" = 1'-0"



1 FIRST FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

DEMOLITION SHEET NOTES

- A. EXISTING CONDITIONS SHOWN ON DRAWINGS REPRESENT CURRENT BUILDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE DRAWINGS AND FIELD VERIFY EXISTING CONDITIONS AND SCOPE OF DEMOLITION WORK REQUIRED TO COMPLETE THE REMODELING WORK INDICATED ON THE DRAWINGS PRIOR TO PERFORMING WORK. ADDITIONAL WORK THAT IS REQUIRED, WAS VISIBLE, AND COULD HAVE BEEN IDENTIFIED DURING BIDDING SHALL BE COMPLETED BY THE RESPONSIBLE TRADE CONTRACTOR(S) AT NO ADDITIONAL COST TO THE OWNER.
- B. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW. WORK DONE WITHOUT RESOLUTION OF DISCREPANCIES MUST BE REDONE AT THE REQUEST OF THE ARCHITECT AT NO ADDITIONAL COST TO THE CONTRACT.
- C. DEMOLITION OF ANY EXISTING CONSTRUCTION SHALL INCLUDE WHAT IS NECESSARY AND REQUIRED TO ACCOMMODATE THE REQUIREMENTS OF NEW CONSTRUCTION.
- D. ALL LOOSE FURNISHINGS (CHAIRS, TABLES, DESKS, ETC.) SHALL BE REMOVED AND RE-INSTALLED BY THE OWNER UNLESS NOTED OTHERWISE.
- E. ALL CORING THRU EXISTING FLOORS, WALLS & CEILINGS SHALL BE PERFORMED BY THE CONTRACTOR REQUIRING THE SAME.
- F. ALL ROOF PENETRATIONS SHALL BE PERFORMED BY THE TRADE REQUIRING THE SAME. PATCHING & FLASHING ROOF SHALL BE PERFORMED BY THE ROOFING CONTRACTOR.
- G. VERIFY WITH OWNER FOR ITEMS TO BE SALVAGED BEFORE STARTING DEMOLITION WORK.
- H. COORDINATE DEMOLITION OF LOAD BEARING WALLS & OTHER STRUCTURAL ELEMENTS WITH STRUCTURAL ENGINEER.
- I. CONSTRUCT DUST PROOF PARTITIONS TO SEPARATE AREAS OF CONSTRUCTION FROM ADJACENT OCCUPIED AREAS OUTSIDE SCOPE OF CONSTRUCTION.
- J. AT OPENINGS IN EXISTING MASONRY WALLS, REMOVE EXISTING WALL TO NEAREST MASONRY JOINT. SEE FLOOR PLAN FOR OPENING SIZES. SAWTOOTH INTO EXISTING JAMB. MATCH ADJACENT FINISHES, UNLESS NOTED OTHERWISE.
- K. REQUIRE MEANS OF EGRESS FROM THE BUILDING SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION WHEN THE BUILDING REMAINS OCCUPIED. IN THE EVENT THAT AN EXISTING MEANS OF EGRESS CANNOT BE MAINTAINED, THE GENERAL CONTRACTOR SHALL PROVIDE AN APPROVED TEMPORARY MEANS OF EGRESS.
- L. MAINTAIN THE INTEGRITY OF ALL EXISTING RATED ELEMENTS. FIRE SEAL ANY PENETRATIONS WITH UL APPROVED ASSEMBLY.
- M. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES.
- N. DO NOT INTERRUPT EXISTING UTILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AHJ. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO GOVERNING AUTHORITIES.
- O. WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH REMOVAL.
- P. WHEN EXISTING MECHANICAL PARTITIONS ARE RELOCATED OR REMOVED, REMOVE MEP SYSTEMS BACK TO PANEL, OR MECHANICAL ROOM OR FARTHEST POSSIBLE POINT WITHOUT DISTURBING EXISTING CONSTRUCTION. REMOVE EXISTING MECHANICAL EQUIPMENT, RELOCATE POWER PER MEP DRAWINGS.
- Q. ALL WALLS IN EXISTING ROOMS IN WHICH WORK IS OCCURRING: A) REPAIR HOLES, DEFECTS, ETC. IN EXISTING WALLS; B) AT REPAIRS AND UNPAINTED CMU, PROVIDE BLOCK FILL PAINT AND WASH COATS OF PAINT; C) PROVIDE ONE WASH COAT OF PAINT OVER EXISTING PAINTED WALLS.

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PROJECT

ISG RALEIGH
BUILD OUT

RALEIGH NORTH CAROLINA

REVISION SCHEDULE

DATE DESCRIPTION BY

PROJECT NO. 25-32986

FILE NAME 32986 Arch R24

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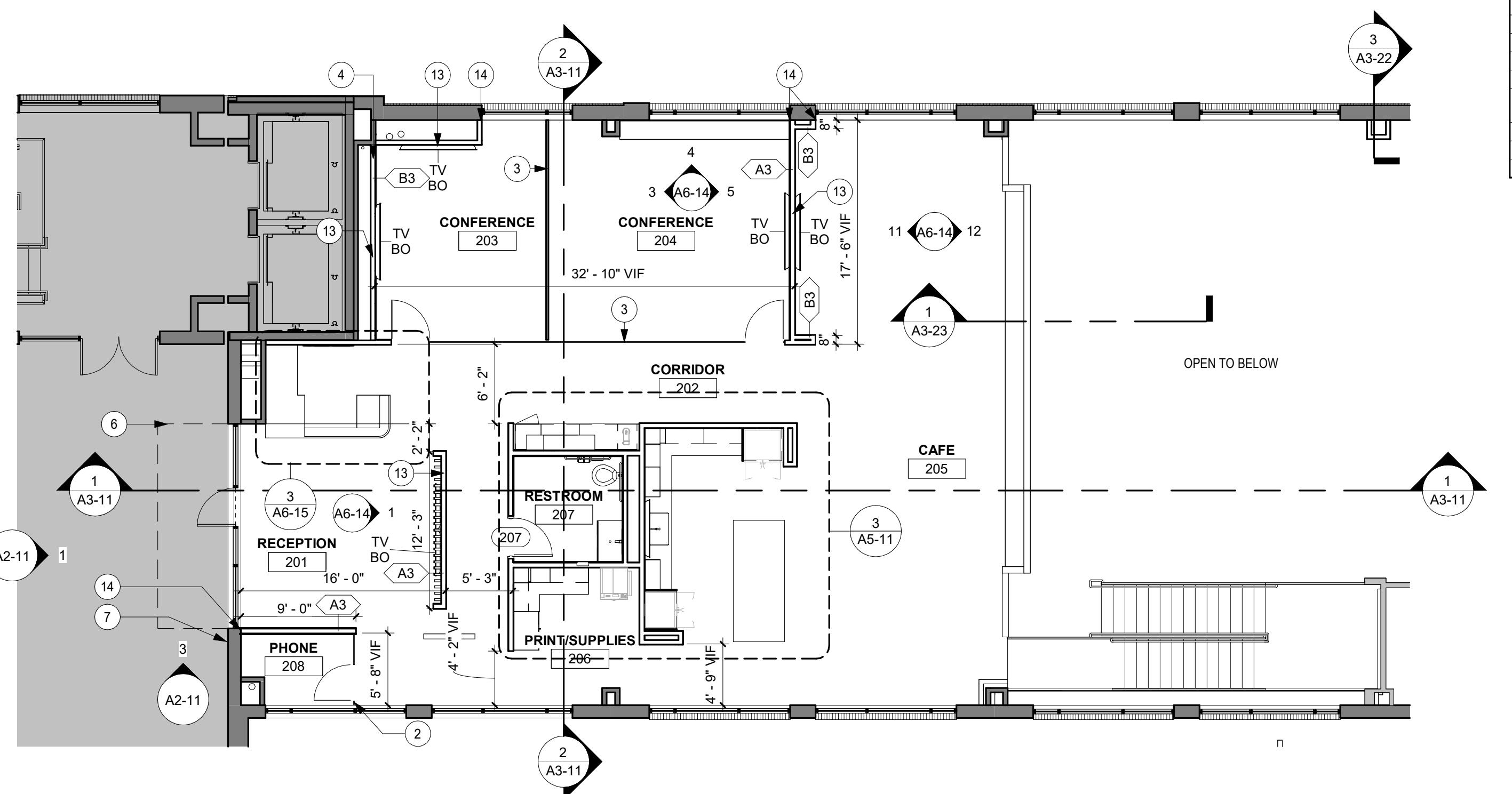
DEMOLITION
PLAN - RCP

SHEET

A1-12

PRELIMINARY NOT FOR CONSTRUCTION

ISG



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

EQUIPMENT SCHEDULE

MARK	DESCRIPTION	COMMENTS	PROVIDED BY	INSTALLED BY
EQ-1	PILOTTER	EXISTING TO BE REUSED	OWNER	OWNER
EQ-2	FLOOR PRINTER	EXISTING TO BE REUSED	OWNER	OWNER
EQ-3	UNDERCOUNTER REFRIGERATOR	EXISTING TO BE REUSED	OWNER	CONTRACTOR
EQ-4	COFFEE MAKER	EXISTING TO BE REUSED	OWNER	OWNER
EQ-5	UNDERCOUNTER REFRIGERATOR, ADA HEIGHT	EXISTING TO BE REUSED	OWNER	CONTRACTOR
EQ-6	3D PRINTER	EXISTING TO BE REUSED	OWNER	OWNER
EQ-7	FRENCH DOOR REFRIGERATOR WITH INTERNAL ICE AND WATER		OWNER	CONTRACTOR
EQ-8	MICROWAVE		OWNER	CONTRACTOR
EQ-9	DISHWASHER		OWNER	CONTRACTOR
EQ-10	KEURIG COFFEE MAKER WITH PLUMBING CONNECTION		OWNER	CONTRACTOR

WALL LEGEND

—	EXISTING CONSTRUCTION TO REMAIN
—	NEW CONSTRUCTION
—	NOT IN SCOPE OF WORK

FLOOR PLAN SHEET NOTES

- ALL INTERIOR PARTITION WALLS SHALL BE WALL TYPE A, UNLESS OTHERWISE NOTED.
- INTERIOR WALL DIMENSIONS ARE FROM FACE OF MASONRY CONCRETE TO FACE OF STUD, UNLESS NOTED OTHERWISE.
- PAINT ALL EXPOSED METALS INCLUDING, BUT NOT LIMITED TO COLUMNS, RISERS, STRINGS, HANDRAILS, GUARDRAILS, EXPOSED LINTELS AND FLOOR EDGES, UNLESS NOTED OTHERWISE.
- REFER TO SHEET A1-49 'FINISH SCHEDULES' FOR MARKING FLOOR BOARDS FOR FINISH.
- INSTALL FIRE RETARDANT INSULATED BLOCKING AS REQUIRED IN ALL PARTITIONS TO RECEIVE COUNTERS, SHELVING, MARKER BOARDS, TVs, ETC.
- ALL WALL MOUNTED ITEMS TO SIT FLUSH ON A WALL SURFACE. IN INSTANCES WHERE A WALL MOUNTED ITEM IS TO BE INSTALLED ON TWO DIFFERENT FINISH THICKNESSES, PROVIDE A HARDBOARD BACKER FOR THE ITEM TO SIT FLUSH. PROVIDE SEALANT AROUND ALL EDGES OF BACKER AND PAINT TO MATCH ADJACENT SURFACE
- CONSTRUCTION NOTE:
"CAUTION"
ALL ABC-6 GRADE FLOORS AND ROOF DECK ARE POST TENSION CONSTRUCTION. CONTRACTOR SHALL LOCATE ALL NEW PENETRATIONS THROUGH THESE ASSEMBLIES. THE CONTRACTOR (APPLICABLE FOR EACH TRADE) SHALL X-RAY AND DETERMINE FINAL LOCATION TO AVOID ALL POST TENSION MEMBERS. THEN CORE DRILL ASSEMBLIES AND PROVIDE FIRE STOPPING. CARE AND CAUTION SHALL BE TAKEN DURING THE PENETRATION PROCESS. IMMEDIATELY NOTIFY STRUCTURAL ENGINEER WITH QUESTIONS AND CONCERN.

KEYNOTE LEGEND

- 2 FURNITURE WALL AND DOOR SYSTEM BY OTHERS. BULKHEAD ABOVE BY GO. SEE REFLECTED CEILING PLANS FOR HEIGHTS AND CONSTRUCTION.
- 3 OPERABLE WALL SYSTEM. REFER TO INTERIOR FINISH SCHEDULE FOR SPECIFICATION INFORMATION.
- 4 INSULATED WALL. INCLUDE SOUND BATT INSULATION ACOUSTIC SEALANT AT HEAD AND SILL. BUILD WALL FULL HEIGHT TO DECK ABOVE.
- 6 AWNING OVER ENTRY
- 7 ISG BLADE SIGN
- 10 KEY FOB ACCESS POINT
- 11 GWB ON EXPOSED COLUMNS TO COVER FIRE-PROOFING
- 12 1/2" HAT CHANNEL, GYP AND METAL STUDS ABOVE
- 13 ADD BLOCKING FOR TV
- 14 ALIGN FACE OF GYP WITH EXISTING WINDOW
- 15 DASHED LINE REPRESENTS MEZZANINE ABOVE
- 16 EMPLOYEE ENTRANCE SIGNAGE
- 20 QTY (5) ADJUSTABLE LAMINATE SHELVES, 24" DEEP. REFER TO DETAIL FOR FINISH INFORMATION.
- 21 QTY (5) ADJUSTABLE SHELVES, 18" DEEP. REFER TO DETAIL FOR FINISH INFORMATION.
- 26 ALIGN FACE OF GYP WITH EXISTING WALL
- 28 INSTALL SALVAGED ISG LOGO SIGN

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PROJECT

ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

DATE	DESCRIPTION	BY

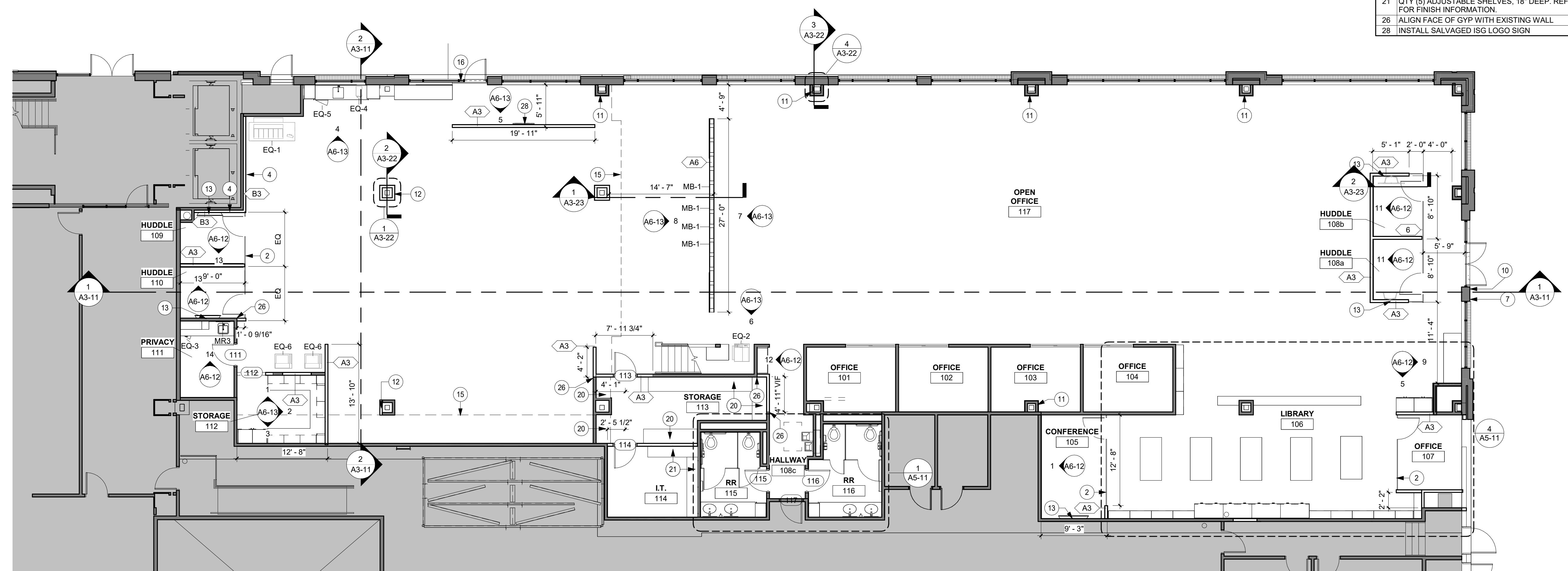
PROJECT NO. 25-32986
FILE NAME 32986 Arch R24
DRAWN BY RKS/BML
DESIGNED BY AJW
REVIEWED BY RN
ORIGINAL ISSUE DATE MM/DD/YY
CLIENT PROJECT NO.

TITLE

FLOOR PLAN

SHEET

A1-21



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

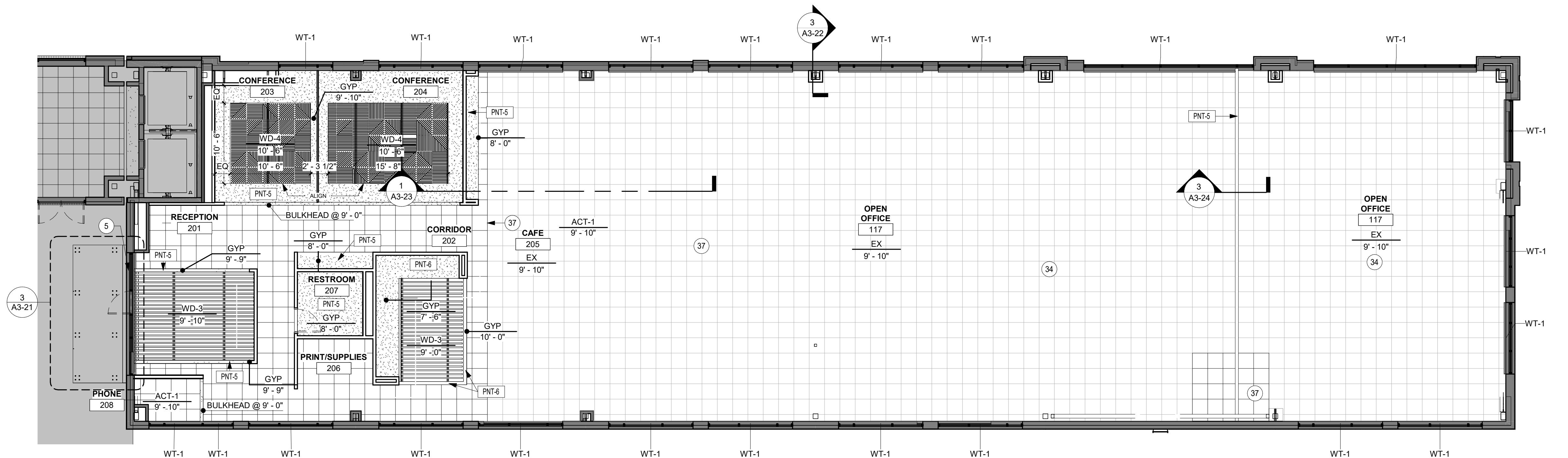
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CP SHEET NOTES

- COORDINATE WITH MECHANICAL, PLUMBING, FIRE PROTECTION AND ELECTRICAL FOR EXACT LOCATIONS OF CEILING FIXTURES, DIFFUSERS, SPRINKLER HEADS, ETC.
REFER TO HVAC PLANS FOR THE LOCATION OF ANY AND ALL PLENUM CEILING SPACES. ALL WALLS AND SOFFITS CREATING THE PLENUM SHALL EXTEND TO THE UNDERSIDE OF STRUCTURE ABOVE AND BE SEALED.
BULKHEADS AND SOFFITS: ALL SIDES AND UNDERSIDES TO BE PAINTED AS INDICATED ON REFLECTED CEILING PLANS, UNLESS NOTED OTHERWISE.

KEYNOTE LEGEND

- | |
|---|
| ROLLER SHADE IN ALL WINDOWS, TYP. |
| REFER TO ELECTRICAL PLANS FOR ACP-1 SPECIFICATION |
| REPLACE REMOVED ACOUSTIC CEILING TILES WITH SALVAGED TILE AS NEEDED |
| ALIGN NEW CEILING GRIDS WITH EXISTING |



MEZZANINE REFLECTED CEILING PLAN

2 1/8" = 1'-0"

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PROJECT

ISG RALEIGH

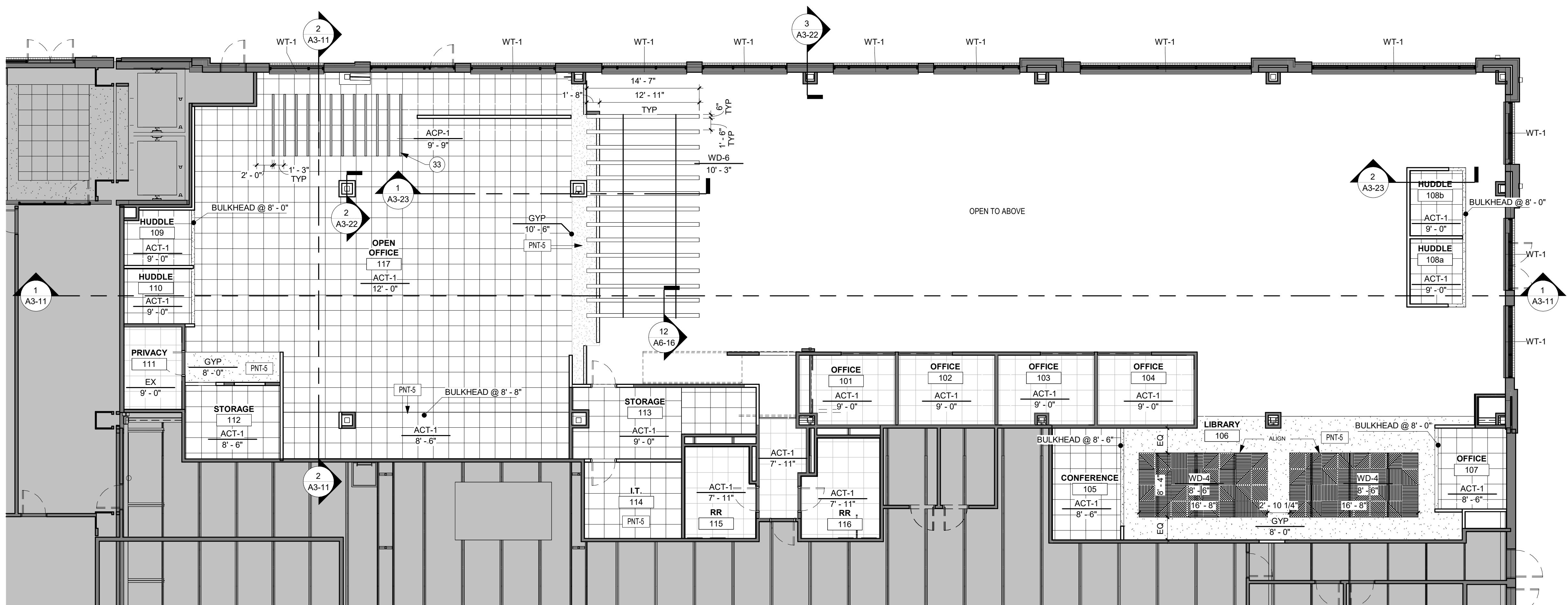
BUILD OUT

RALEIGH NORTH CAROLINA

PROJECT NO.	25-32986
FILE NAME	32986 Arch R24
DRAWN BY	Author
DESIGNED BY	Designer
REVIEWED BY	Checker
ORIGINAL ISSUE DATE	MM/DD/YY

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REFLECTED CEILING PLAN



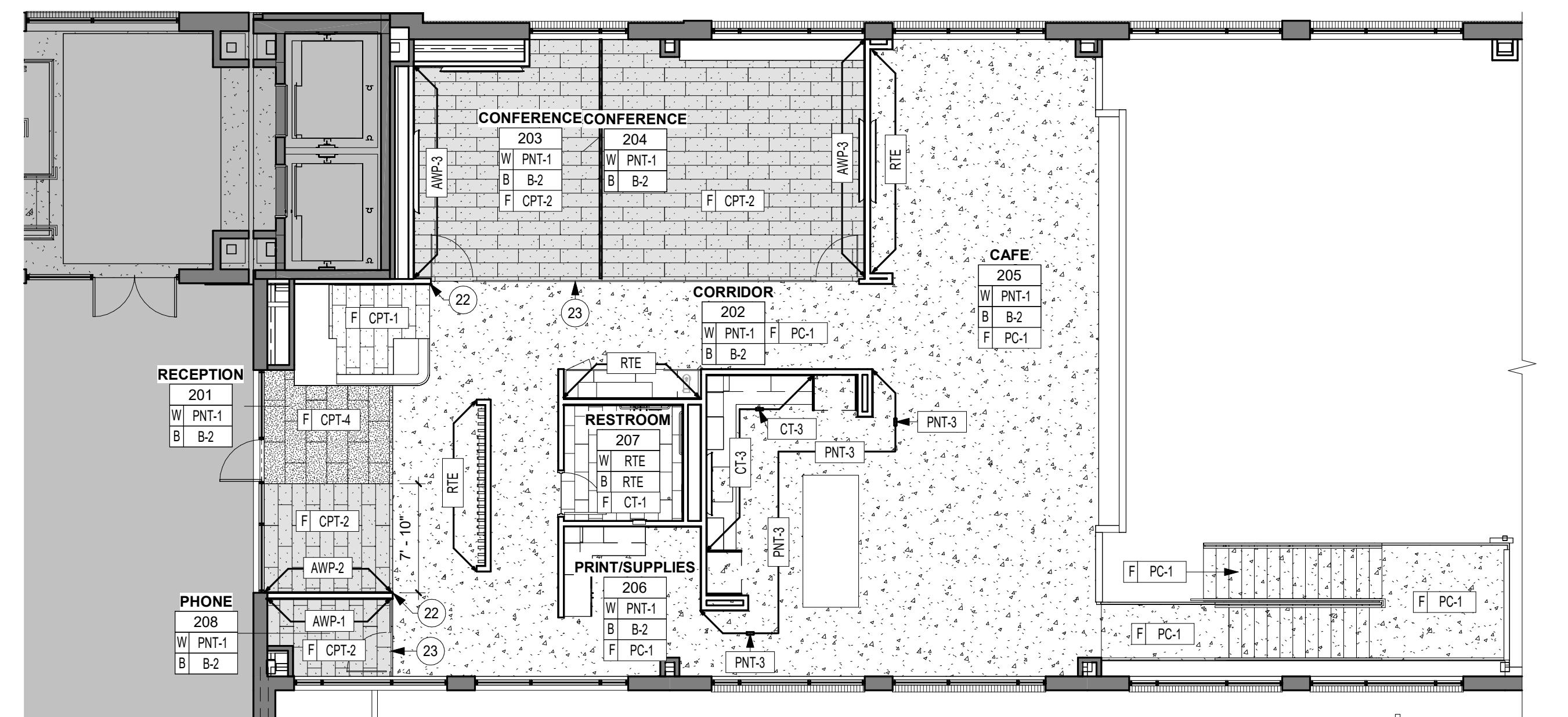
1 FIRST FLOOR REFLECTED CEILING PLAN

(1) **1/8"** = 1'-0"

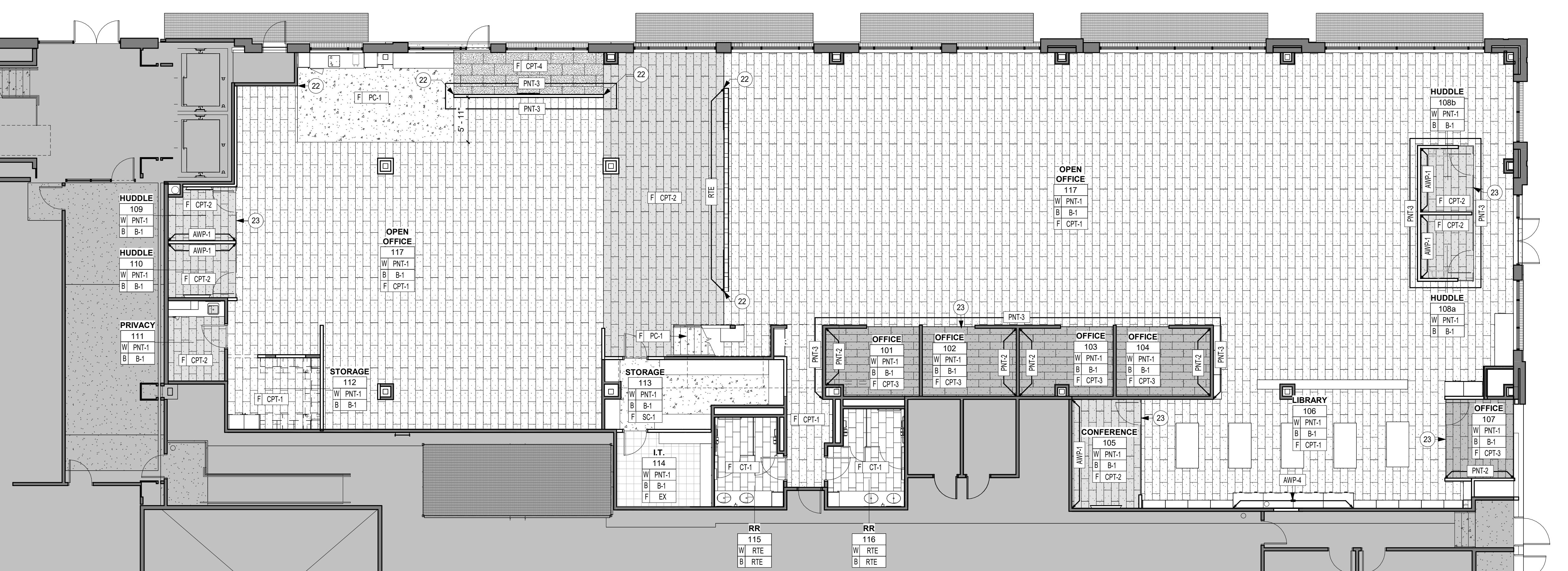
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PRELIMINARY NOT FOR CONSTRUCTION

ISG

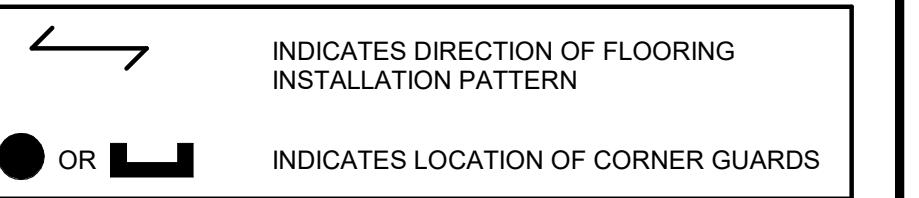


2 MEZZANINE FLOOR FINISH PLAN



1 FIRST FLOOR FINISH PLAN

KEYNOTE LEGEND	
22	ALIGN FLOORING TO WALL
23	FLOORING TRANSITION TO BE INLINE WITH FRAME OF FURNITURE WALLS



ROOM / FINISH TAG	
ROOM NAME	ROOM #
C CEILING	C
W WALL	W
B BASE	B
F FLOOR	F
FINISHES LISTED IN ROOM TAG APPLY TO ALL ELEMENTS IN ROOM, UNLESS NOTED OTHERWISE	
THE FOLLOWING SYMBOL APPLIES TO FINISHES DIFFERENT FROM THOSE NOTED IN ROOM TAG:	
FINISH	
THE FOLLOWING SYMBOL INDICATES "REFER TO ELEVATIONS" FOR ADDITIONAL FINISH INFORMATION	
RTE	

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PROJECT

ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

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TITLE

FLOOR FINISH PLAN

SHEET

A1-41

INTERIOR FINISH SCHEDULE						
MARK	MATERIAL TYPE	MANUFACTURER	MODEL / SIZE	COLOR	ADDITIONAL INFORMATION	COMMENTS
CEILING						
ACP-1	ACOUSTIC CEILING PANEL	EZOBORD	RAIL CEILING BAFFLE / 3'D X 12'H X96'L ULTIMA 24"X24"X34" BEVELED TEGULAR	MIDNIGHT BLUE WHITE	UNISTRUT HANGER SUSPENSION METHOD 9/16" SUPERFINE SUSPENSION SYSTEM IN WHITE FINISH, TO INCLUDE HOLD DOWN CLIPS IN VESTIBULE LOCATIONS.	REFER TO ELECTRICAL PLANS FOR ACP AND LIGHT SPECS REFER TO RCP
ACT-1	MINERAL FIBER	ARMSTRONG				
PNT-5	PAINT	SHERWIN WILLIAMS	FLAT	NEBULOUS WHITE	REFER TO FINISH NOTES FOR ADDITIONAL INFORMATION	REFER TO RCP
PNT-6	PAINT	SHERWIN WILLIAMS	FLAT	COMMODORE	REFER TO FINISH NOTES FOR ADDITIONAL INFORMATION	REFER TO RCP
WD-3	WOOD CEILING	ARMSTRONG	WOODWORKS GRILLE - FORTE VENEERED CEILING PANELS / SLAT HEIGHT 2 1/2" / BIOACOUSTICAL INFILL PANEL BACKER	QUARTERED WALNUT FINISH / INFILL PANEL BLACK MATTE	PANEL SIZE AS REQUIRED	REFER TO RCP
WD-4	WOOD CEILING	CERTAINTEED	LAY-IN GRILLE & LINEAR / 24" X 24" X 1/2" / CUSTOM DIAGONAL GRILLE PATTERN / 9/16" GRID	WALNUT RECONSTITUTED QUARTERED VENEER CLEAR FINISH, BLACK GRID		REFER TO RCP FOR PATTERN
FLOOR						
CPT-1	CARPET TILE	MANNINGTON	DREE / 12"X36"	TAILORS TOUCH 95613	INSTALL ASHLAR PER FINISH PLAN	REFER TO FLOOR FINISH PLANS. REFER TO MISC. SCHEDULE FOR TRANSITIONS
CPT-2	CARPET TILE	MANNINGTON	ARIE / 12"X36"	TAILORS TOUCH VIBE 95614	INSTALL ASHLAR PER FINISH PLAN	REFER TO FLOOR FINISH PLANS. REFER TO MISC. SCHEDULE FOR TRANSITIONS
CPT-3	CARPET TILE	MANNINGTON	PATRICIA / 12"X36"	TAILORS TOUCH 95613	INSTALL ASHLAR PER FINISH PLAN	REFER TO FLOOR FINISH PLANS. REFER TO MISC. SCHEDULE FOR TRANSITIONS
CPT-4	CARPET TILE	PATCRAFT	NAVIGATE IT 0659 / 18"X36"	SNOW PLOW 00590	INSTALL ASHLAR PER FINISH PLAN	REFER TO FLOOR FINISH PLANS. REFER TO MISC. SCHEDULE FOR TRANSITIONS
CT-1	CERAMIC TILE	KATE-LO TILE	EMBOSSED / 12"X24"	DARK	TEC EPOXY GROUT: TBD	INSTALL PER PATTERN AND DIRECTION INDICATED ON FLOOR FINISH PLANS. REFER TO MISC. SCHEDULE FOR TRANSITIONS
PC-1	POLISHED CONCRETE	LATICRETE	FGS PERMASHINE POLISHED CONCRETE	NATURAL	CLASS B SALT AND PEPPER AGGREGATE EXPOSURE, LEVEL 2 SATIN SHEEN	REFER TO FLOOR FINISH PLANS. REFER TO MISC. SCHEDULE FOR TRANSITIONS
SC-1	POLISHED CONCRETE	LATICRETE	L&M DRESS AND SEAL OR APPROVED EQUIVALENT			REFER TO FLOOR FINISH PLANS. REFER TO MISC. SCHEDULE FOR TRANSITIONS
PLASTIC LAMINATE						
PLAM-1	PLASTIC LAMINATE	WILSONART	HIGH PRESSURE LAMINATE	WALNUT HEIGHTS	SOFTGRAIN FINISH / INSTALL VERTICAL GRAIN	REFER TO ELEVATIONS
PLAM-2	PLASTIC LAMINATE	NEVAMAR	HIGH PRESSURE LAMINATE	REGIMENTAL BLUE	MODERN MATTE FINISH	REFER TO ELEVATIONS
PLAM-3	PLASTIC LAMINATE	WILSONART	SOLICOR HIGH PRESSURE LAMINATE	DESIGNER WHITE	MATTE FINISH	REFER TO ELEVATIONS
SOLID SURFACE						
SS-1	SOLID SURFACE	MSI	QUARTZ 3CM	ARCTIC WHITE	REFER TO ELEVATIONS FOR PROFILE	REFER TO ELEVATIONS AND DETAILS
SS-2	SOLID SURFACE	MSI	QUARTZ 3CM	CALACATTA LEON	REFER TO ELEVATIONS FOR PROFILE	REFER TO ELEVATIONS
SS-3	SOLID SURFACE	CORIAN	1/2" THICKNESS	GLACIER WHITE	EASED EDGE	WALL CAP AT MEZZANINE AND WINDOW SILLS
WALL						
AWP-1	ACOUSTIC WALL PANEL	ACOUFELT	SHAPES WALL TILES (ESSENTIALS) / RIGHT TRIANGLE / 9MM THICKNESS/ 12'H X 12" W	BASALT	INSTALL PER MANUFACTURER'S STANDARD METHOD, EXPOSED EDGES TO BE FINISHED IN MANUFACTURER'S STANDARD TRIM	REFER TO FLOOR FINISH PLANS
AWP-2	ACOUSTIC WALL PANEL	EZOBORD	EZO ON EZO / 12MM THICKNESS / CUSTOM CUT PATTERN	TOP LAYER: MIDNIGHT NAVY / BOTTOM LAYER: SILVER GRAY	STALL PER MANUFACTURER'S STANDARD METHOD / OWNER TO PROVIDE ARTWORK FOR CUSTOM PATTERN	REFER TO FLOOR FINISH PLANS
AWP-3	ACOUSTIC WALL PANEL	FILZ FELT	AKUISTICA 10 / 10MM THICKNESS	ASCHE	Z CLIP INSTALLATION METHOD PER MANUFACTURER'S RECOMMENDATION	REFER TO FLOOR FINISH PLANS AND ELEVATIONS FOR PANEL SIZES. INTERLOCKING MOUNTING SYSTEM INCLUDED WITH PRODUCT.
AWP-4	ACOUSTIC WALL PANEL	FILZ FELT	AKUISTICA 10 / 10MM THICKNESS	TRAUBE	Z CLIP INSTALLATION METHOD PER MANUFACTURER'S RECOMMENDATION	REFER TO FLOOR FINISH PLANS AND ELEVATIONS FOR PANEL SIZES. INTERLOCKING MOUNTING SYSTEM INCLUDED WITH PRODUCT.
CT-2	CERAMIC TILE	KATE-LO TILE	ARKISTONE TRAMA/EMBOSSED / 12"X24"	SILVER	TEC GROUT: TBD	INSTALL PER PATTERN AND DIRECTION INDICATED ON INTERIOR ELEVATIONS
CT-3	CERAMIC TILE	CERAMIC TILEWORKS	FLAUTI STANDARD MIX / 2"X8" MOSAIC (12"X16" SHEET)	SNOW GLOSSY	TEC GROUT: TBD	INSTALL PER PATTERN AND DIRECTION INDICATED ON INTERIOR ELEVATIONS
CT-4	CERAMIC TILE	EMSER TILE	CONTRA SLANT / 4"X12"	NAVY GLOSSY MATTE	TEC GROUT: TBD	INSTALL PER PATTERN AND DIRECTION INDICATED ON INTERIOR ELEVATIONS
CT-5	CERAMIC TILE	SPECIALTY TILE	FLAUTI STANDARD MIX / 2"X8" MOSAIC (12"X16" SHEET)	CHARCOAL GLOSSY	TEC GROUT: TBD	INSTALL PER PATTERN AND DIRECTION INDICATED ON INTERIOR ELEVATIONS
CT-6	CERAMIC TILE	SPECIALTY TILE	SICILY GLOSSY / 3"X8"	BLU NOTTE	TEC GROUT: TBD	INSTALL PER PATTERN AND DIRECTION INDICATED ON INTERIOR ELEVATIONS
CT-7	CERAMIC TILE	SPECIALTY TILE	SICILY 3D RAYE / 3"X8"	BLU NOTTE 3D RAYE	TEC GROUT: TBD	INSTALL PER PATTERN AND DIRECTION INDICATED ON INTERIOR ELEVATIONS
PNT-1	PAINT	SHERWIN WILLIAMS	EG-SHEL	NEBULOUS WHITE	REFER TO FINISH NOTES FOR ADDITIONAL INFORMATION	FIELD PAINT
PNT-2	PAINT	SHERWIN WILLIAMS	EG-SHEL	SOFTWARE	REFER TO FINISH NOTES FOR ADDITIONAL INFORMATION	ACCENT PAINT
PNT-3	PAINT	SHERWIN WILLIAMS	EG-SHEL	COMMODORE	REFER TO FINISH NOTES FOR ADDITIONAL INFORMATION	ACCENT PAINT
PNT-4	PAINT	SHERWIN WILLIAMS	SEMI GLOSS	TRICORN BLACK	REFER TO FINISH NOTES FOR ADDITIONAL INFORMATION	METAL STAIR HANDRAILS, GUARDRAIL, STRINGER, & RISERS
PNT-7	PAINT	SHERWIN WILLIAMS	SEMI GLOSS	NEBULOUS WHITE	REFER TO FINISH NOTES FOR ADDITIONAL INFORMATION	HOLLOW METAL DOOR FRAMES
WD-5	WOOD WALL PANEL	ARMSTRONG	WOODWORKS GRILLE - FORTE VENEERED WALL PANELS / SLAT HEIGHT 2 1/2"	QUARTERED WALNUT FINISH	PANEL SIZE AS REQUIRED	REFER TO FLOOR FINISH PLAN
WALL BASE						
B-1	VINYL	TARKETT	4" H MILLWORK REVEAL	BURNT UMBER		REFER TO FLOOR FINISH PLAN
B-2	WOOD	-	4" H X 7/17" THICKNESS / WHITE MAPLE	STAIN TO MATCH VT INDUSTRIES RAVINE	SQUARE EDGE	REFER TO FLOOR FINISH PLANS
WOOD						
WD-1	WOOD TAMBOUR	SURFACING SOLUTIONS	655 SOLID WOOD TAMBOUR / SCALLOP / 1.5" X .5"	STAIN TO MATCH PLAM-1	VARIES	REFER TO ELEVATIONS AND DETAILS
WD-2	WOOD COUNTERTOP	OAK CITY CUSTOM	LIVE EDGE WOOD SLAB / 18"D X 355"	WALNUT	MILD LIVE EDGE CHARACTER / CLEAR POLY MATTE FINISH	REFER TO ELEVATIONS
WD-6	WOOD	-	WHITE MAPLE	STAIN TO MATCH PLAM-1	TO BE INSTALLED WITH BLIND CLEAT FOR SEAMLESS LOOK, ALL CLEAT AND MAPLE PIECES TO BE LONG AND CUT/INSTALLED IN THE FIELD. ALL CORNERS TO BE MITERED.	REFER TO ELEVATIONS AND RCP FOR SIZES
MISCELLANEOUS SCHEDULE						
MARK	MATERIAL TYPE	MANUFACTURER	MODEL / SIZE	COLOR	ADDITIONAL INFORMATION	COMMENTS
HDW-1	COUNTERTOP BRACKET	A&M HARDWARE	SURFACE MOUNTED FLAT BRACKET	WHITE	VERIFY SIZE WITH COUNTERTOP DIMENSIONS	COUNTERTOPS AS REQUIRED. COLOR TO MATCH ADJACENT PAINT. REFER TO INTERIOR ELEVATIONS
HDW-2	CASEWORK PULL	RICHELIEU	CONTEMPORARY METAL PULL 8160 / 6 5/16"	MATTE BLACK	-	PROVIDE AS ALL PULLS ON CASEWORK, UNO
MB-1	FRAMELESS MARKERBOARD	CALYX BY CLARIDGE	PROFILE PORCELAIN MARKERBOARD / 3'X4'	WHITE	2 RARE EARTH MAGNETIC MARKER TRAYS	REFER TO ELEVATION
OPERABLE PARTITION	GLASS/ MARKERBOARD COMBO	NANAWALLS	HSW60	BLACK ANODIZED	-	CONFERENCE ROOM 203/204
TOILET PARTITIONS	SOLID PLASTIC HDPE	SCRANTON	ARIA FULL HEIGHT PARTITIONS / TRADITIONAL 1000 DOOR SERIES / STANDARD SIDE PANEL	GREY	-	-
TS-1	TRANSITION	SCHLUTER SYSTEMS	RENO-U	SATIN ANODIZED ALUMINUM	INSTALL AT ALL TILE TO CONCRETE AND TILE TO CARPET FLOORING LOCATIONS	-
TS-2	TRANSITION	SCHLUTER SYSTEMS	RONDEC	SATIN ANODIZED ALUMINUM	INSTALL AT OUTSIDE CORNERS AND EXPOSED TILE EDGES. USE COORDINATING ACCESSORY PIECES TO COMPLETE INSTALL AS RECOMMENDED BY SCHLUTER	-
TS-3	TRANSITION	TARKETT	EG-40-H	BLACK	INSTALL AT ALL CARPET TO CONCRETE LOCATIONS	-
WF-1	WINDOW FILM	3M	FASARA GLASS FINISHES - OSLO	FROSTED MATTE / FADE / SH2EMOS		REFER TO DETAIL ON SHEET A1-49
WOOD DOORS	WOOD DOORS	VT INDUSTRIES	PLAIN SLICED / SELECT WHITE MAPLE	RAVINE	-	WOOD DOORS
WT-1	MOTORIZED WINDOW TREATMENT	DRAPER	SINGLE MOTORIZED FLEXSHADE WITH FASCIA / MERMET E SCREEN KOOL BLACK 5%	SHADE:CHARCOAL/BLACK, FASCIA: CLEAR ANODIZED	-	REFER TO RCP

FINISH NOTES	
A.	SOME SPECIFIED PRODUCTS AND FINISHES MAY HAVE SUBSTANTIAL LEAD TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING ORDERS IN A MANNER TO ENSURE THEIR TIMELY ARRIVAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXPENSES, INCLUDING DESIGN FEES, RELATED TO ANY RESELECTION REQUIRED DUE TO FAILURE TO ORDER PRODUCTS IN A TIMELY MANNER.
B.	ALL FINISH WORK SHALL BE PERFORMED IN COMPLIANCE WITH DRAWINGS AND SPECIFICATIONS, SHOP DRAWINGS, SAMPLES, AND PRODUCT DATA. SHALL BE SUBMITTED TO THE ARCHITECT FOR THEIR REVIEW & APPROVAL PRIOR TO BEGINNING WORK.
C.	ALL WALLS TO RECEIVE PNT-1 & B-1, UNLESS NOTED OTHERWISE.
D.	BULKHEADS AND SOFFITS; ALL SIDES AND UNDERSIDES TO BE PAINTED AS INDICATED ON REFLECTED CEILING PLANS, UNLESS NOTED OTHERWISE.
E.	REFER TO REFLECTED CEILING PLANS FOR CEILING/SOFFIT FINISHES AND LOCATIONS.
F.	PAINT ALL EXPOSED DUCTWORK, CONDUIT, ELECTRICAL EQUIPMENT, GRILLES, VENTS, METAL ACCESS PANELS, ETC, TO MATCH ADJACENT SURFACES, UNLESS NOTED OTHERWISE.
G.	EXTEND ALL FLOORING UNDER FURNITURE, DESKS AND COUNTERS, UNLESS NOTED OTHERWISE.
H.	ALL FLOORING TRANSITIONS TO BE CENTERED UNDER DOOR IN CLOSED POSITION, UNLESS NOTED OTHERWISE.
I.	INSTAL FLOORING PER PATTERNS REFLECTED ON FINISH PLANS. REFER TO FINISH SCHEDULE FOR ADDITIONAL NOTES.
J.	INSTALL DIFFERENT FLOORING TYPES PER MANUFACTURER'S RECOMMENDED METHODS, UNLESS NOTED OTHERWISE.
K.	FLOOR TILE AT FLOOR DRAINS TO BE INSTALLED WITH MINIMAL CUTS.
L.	ALL EXPOSED ENDS OF CASEWORK TO HAVE FINISHED END PANELS.
M.	GROMMETS TO BE INCLUDED AT EVERY COUNTER WITH OUTLETS UNDERNEATH. VERIFY GROMMET LOCATIONS WITH DESIGNER.
N.	IN-WALL OR WALL SUPPORT BRACKETS TO BE PAINTED TO MATCH WALL FINISH, UNLESS NOTED OTHERWISE.
O.	PLUMBING FIXTURES HAVE BEEN REMOVED FROM FINISH PLAN FOR VIEWING CLARITY. REFER TO THE RESPECTIVE PLANS AND DOCUMENTS FOR PLUMBING CRITERIA.
P.	WOOD DOORS, FRAMES, BASE MOLDING TO BE FILLED, STAINED, SEALED AND SHOP FINISHED TO MATCH ARCHITECT'S SAMPLE. WORK SHOULD BE PERFORMED IN A DUST FREE ENVIRONMENT.
Q.	UNLESS OTHERWISE INDICATED, PROVIDE PRODUCTS OF QUALITY SPECIFIED BY AW/AWMAC/WI ARCHITECTURAL WOODWORK STANDARDS FOR CUSTOM GRADE.
R.	RTE: REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH INFORMATION
S.	HOLLOW METAL DOORS AND FRAME TO BE PAINTED PNT-7
T.	STAIR GUARDRAILS, HANDRAILS, METAL STRINGER AND RISERS TO BE PAINTED PNT-4
U.	COORDINATE ALL BRACKETS WITH OUTLET LOCATIONS UNDER COUNTER
V.	LOCKING CASEWORK TO BE KEYED ALIKE PER ROOM UNLESS NOTED. PROVIDE ONE KEY FOR USER AND ONE MASTER KEY
W.	WINDOW TREATMENTS ARE INDICATED ON REFLECTED CEILING PLANS
Y.	IN THE CASE OF NO FULL HEIGHT CASEWORK, INSTALL UPPER CASEWORK WITH THE TOP AT 84" AFF
Z.	CASEWORK TO BE INSTALLED WITH B-1 OR PLAM-1 FOR THE TOE KICK, U.N.O.
ZA.	PAINT ALL EXPOSED METALS INCLUDING, BUT NOT LIMITED TO COLUMNS, RISERS, STRINGERS, HANDRAILS, GUARDRAILS, EXPOSED LINTELS AND FLOOR EDGES, UNLESS NOTED OTHERWISE.

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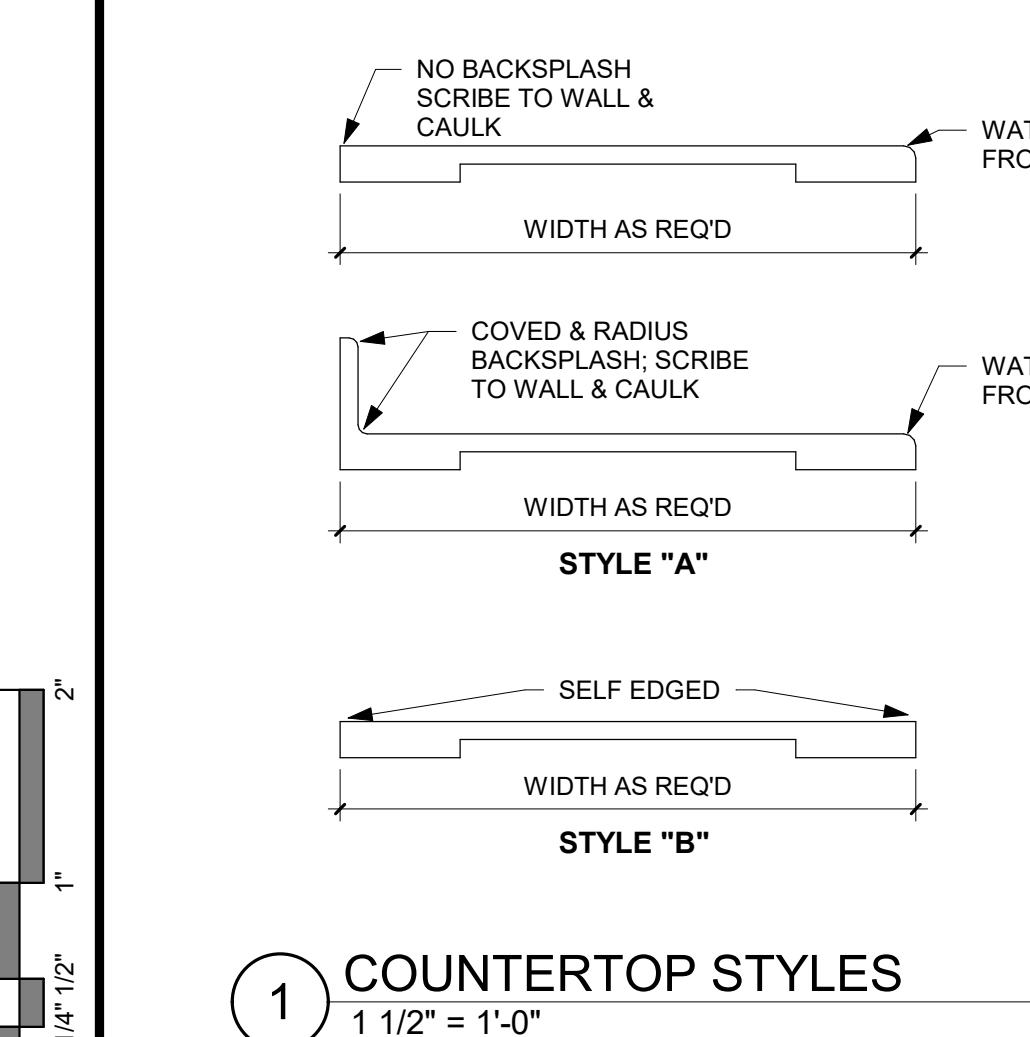
CLIENT PROJECT NO.

TITLE

FINISH SCHEDULES

SHEET

A1-49

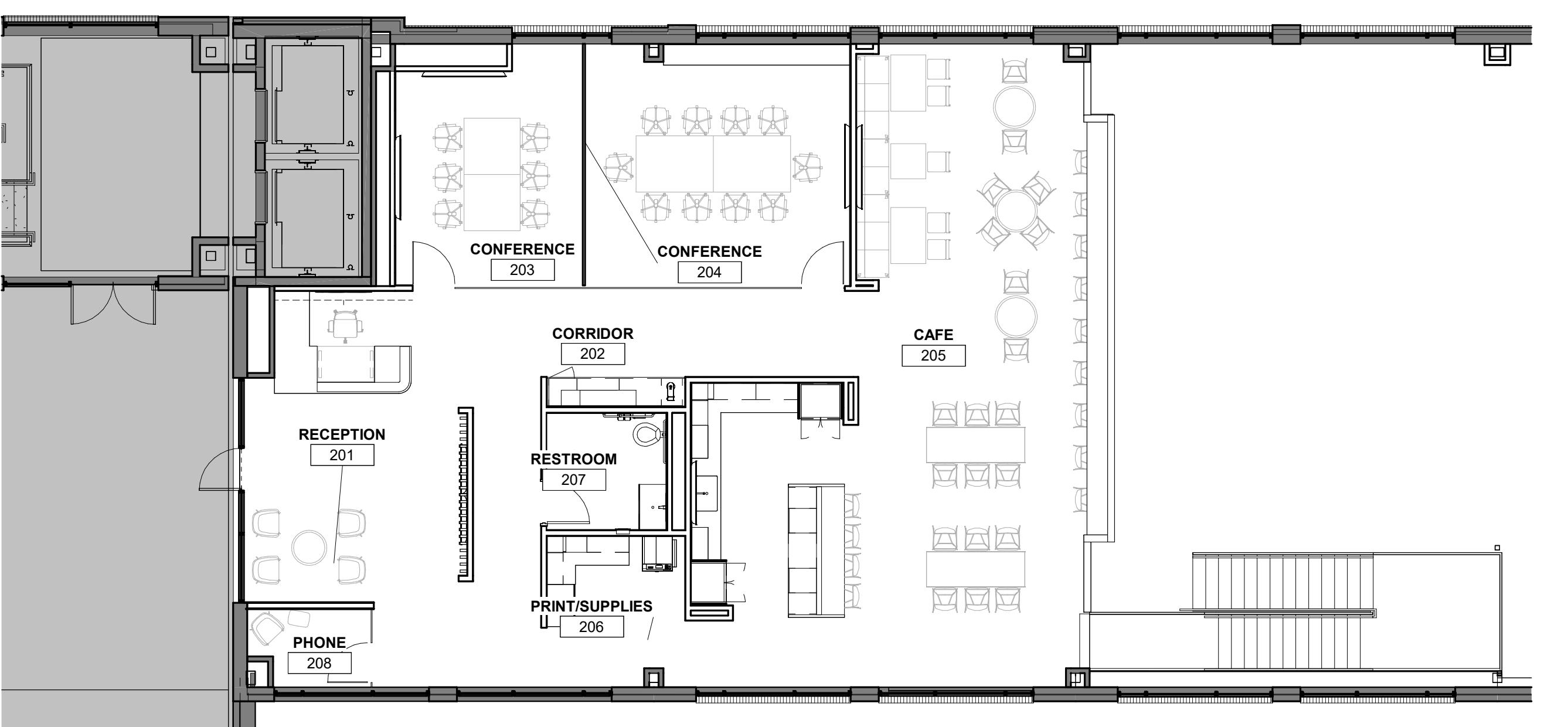




FURNITURE PLAN SHEET NOTES

A. ALL FURNITURE SHOWN FOR REFERENCE ONLY. ALL FURNITURE TO BE PROVIDED AND INSTALLED BY OWNER UNLESS NOTED OTHERWISE. FINAL LOCATIONS AND TYPES OF FURNITURE TO BE DETERMINED BY OWNER.
 B. PROVIDE AND INSTALL BLOCKING FOR ALL EQUIPMENT AND FIXTURES.

KEYNOTE LEGEND



2 MEZZANINE FURNITURE PLAN
1/8" = 1'-0"

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FLOOR
FURNITURE PLAN

SHEET

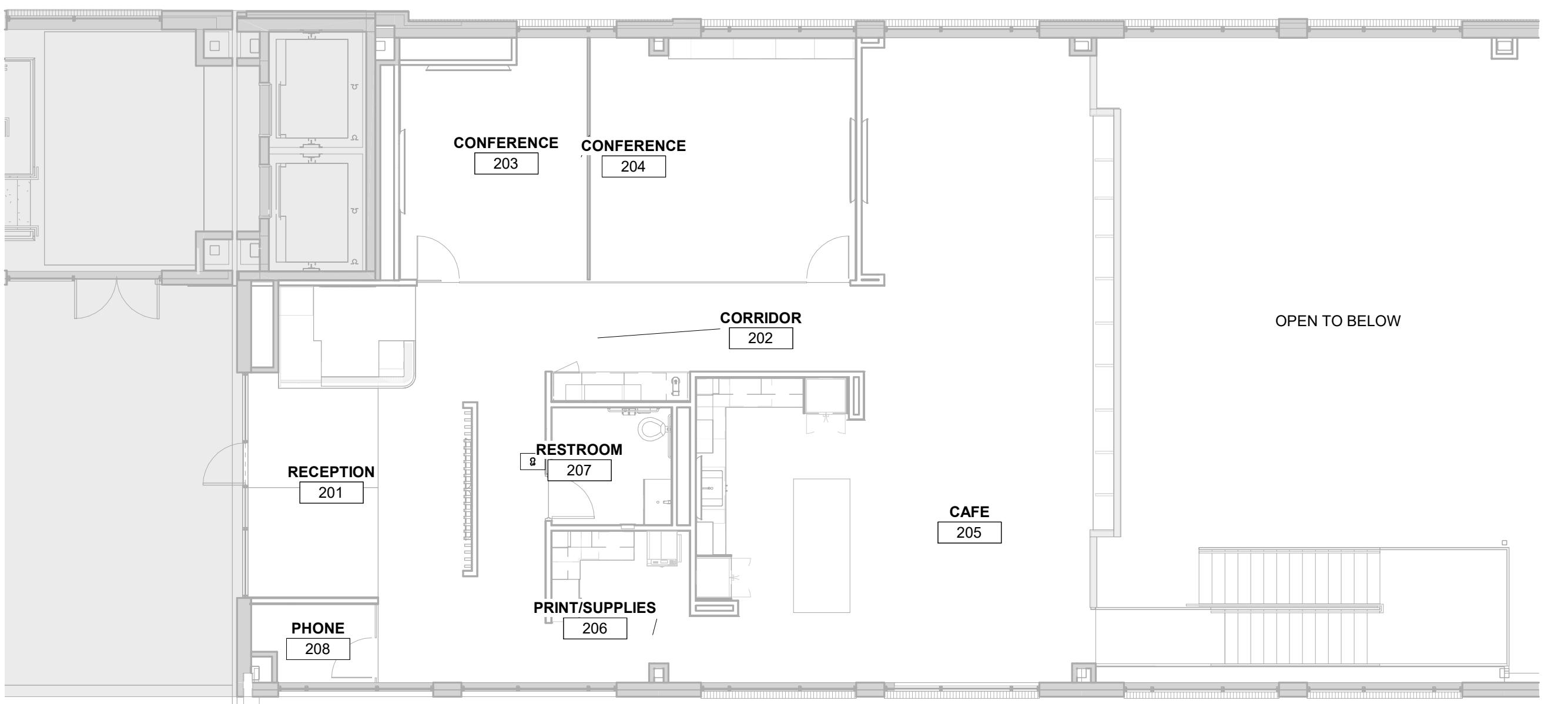
A1-51

2'
1'
0 1/4 1/2'

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



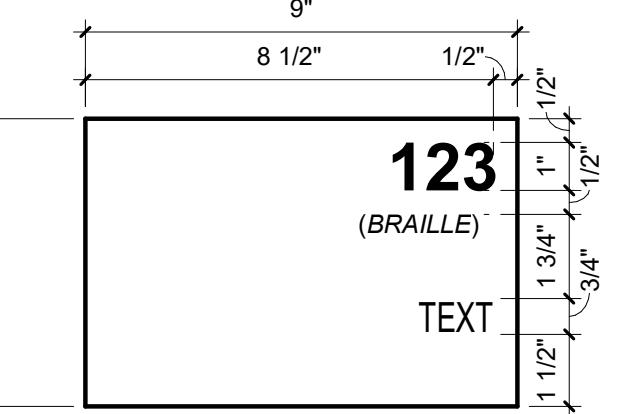
ISG



2 MEZZANINE SIGNAGE PLAN

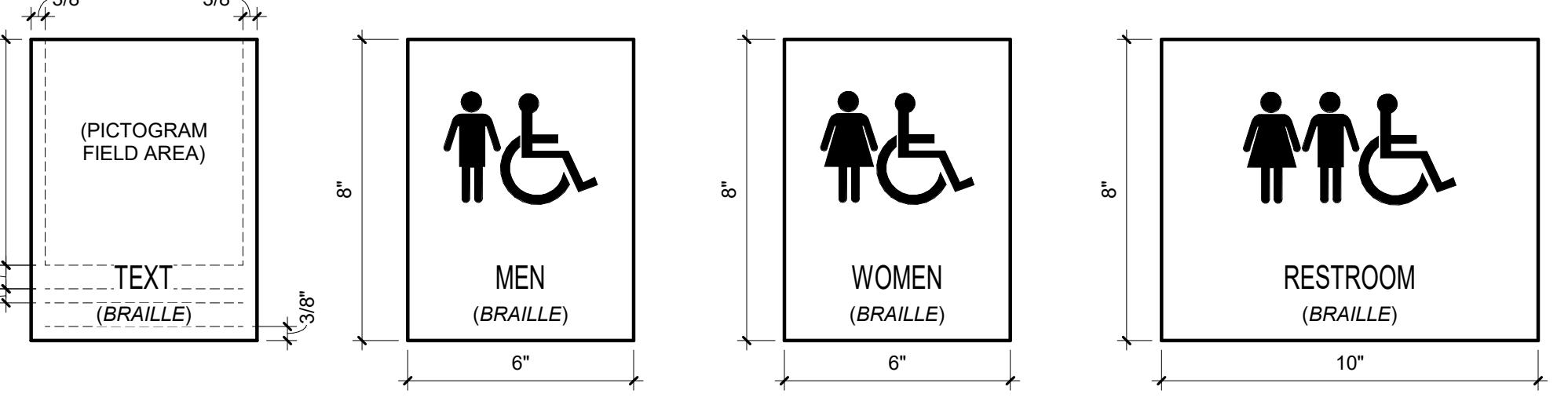
1/8" = 1'-0"

ROOM SIGNAGE



SIGN TYPE B2

REGULATORY SIGNAGE



REGULATORY SIGN TYPICAL

*DIMENSIONS INDICATE MINIMUMS

*PICTOGRAMS STYLE AND SIZE ON EACH SIGN TYPE INDICATES BASIS OF DESIGN. SIGNAGE VENDOR TO COMPLY WITH ADAAG



3 FIRST FLOOR SIGNAGE PLAN

1/8" = 1'-0"

SIGNAGE GENERAL NOTES

- A. SIGNAGE TYPES SUPPLIED AS A BASIS OF DESIGN. ALL REGULATORY SIGNAGE SHALL COMPLY WITH ADAAG STANDARDS.
- B. CONFIRM FINAL SELECTIONS AND SPECIFICATIONS WITH SIGNAGE CONTRACTOR PRIOR TO ORDER/INSTALLATION.
- C. SIGN BACKERS REQUIRED ON ALL SIGNS MOUNTED TO GLASS
- D. DIMENSIONAL LETTERS TO BE STUD MOUNT INSTALLATION UNLESS NOTED OTHERWISE

SIGNAGE FINISHES

1. ROOM & REGULATORY SIGNAGE: ACRYLIC TYP.
BACKGROUND COLOR: BLACK
FONT COLOR: WHITE
FONT: ARIAL

SIGNAGE SCHEDULE

TYPE	SIGNAGE LOCATION	SIGNAGE VERBAGE
B2	117 OPEN OFFICE	PRIVACY
C1	108c HALLWAY	MEN
C2	108c HALLWAY	WOMEN
C3		RESTROOM

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SIGNAGE PLAN & SCHEDULE

SHEET

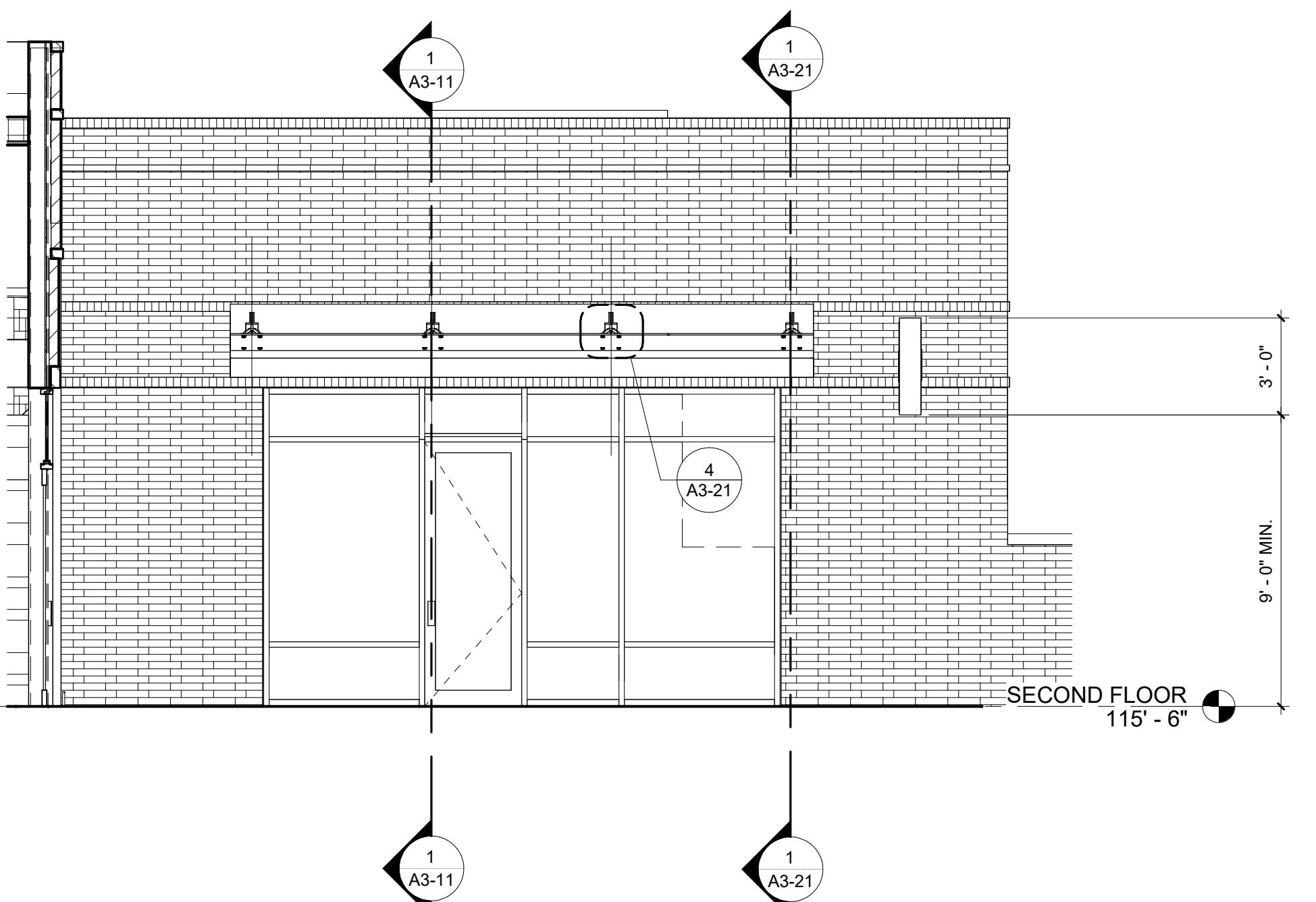
A1-69

EXTERIOR FINISH SCHEDULE

MARK	MATERIAL TYPE	MANUFACTURER	MODEL / SIZE	COLOR	ADDITIONAL INFORMATION	COMMENTS
------	---------------	--------------	--------------	-------	------------------------	----------

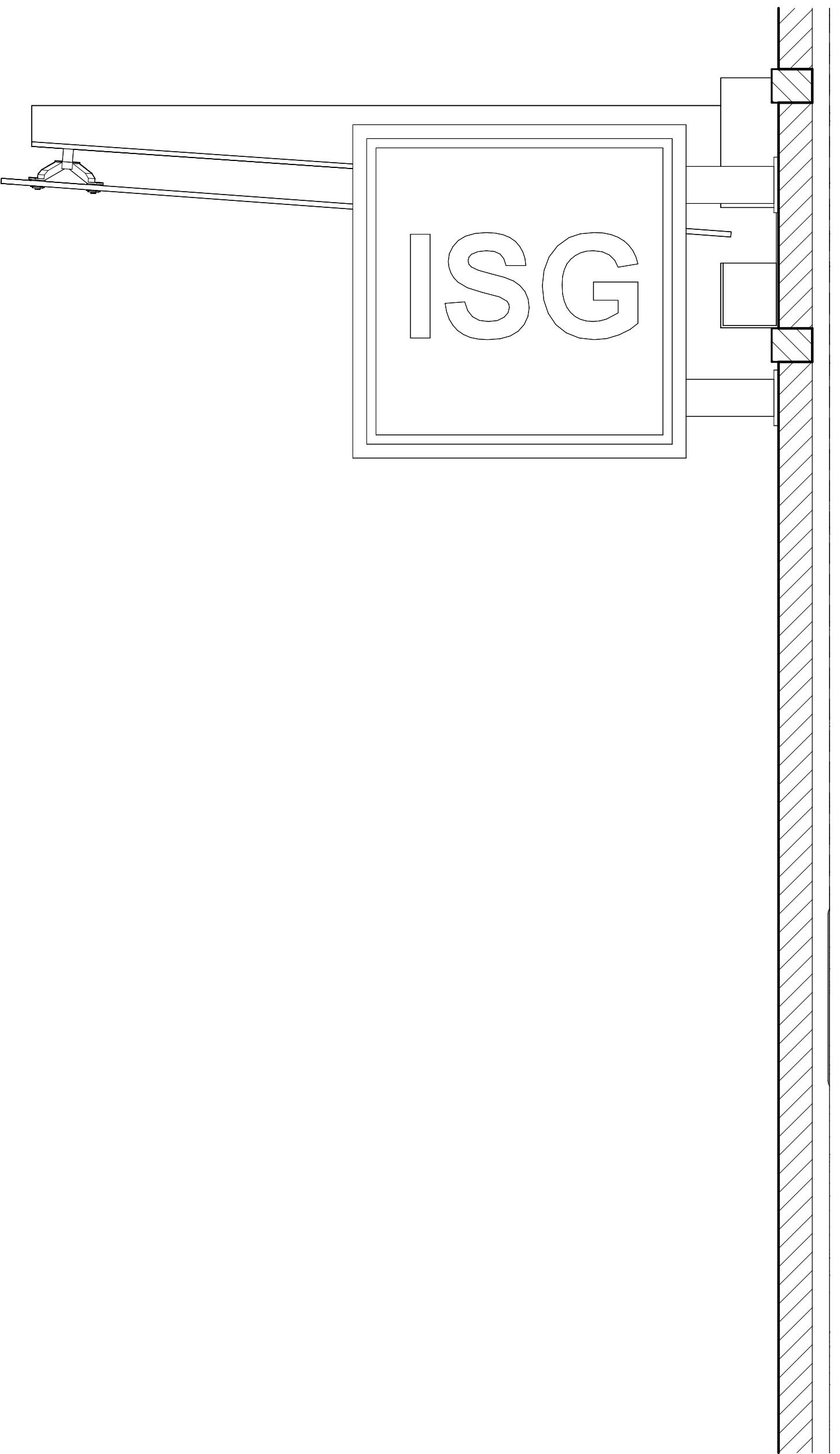
EXTERIOR ELEV. SET NOTES

- THROUGH-WALL FLASHING LOCATED ABOVE GRADE.
- PAINT ALL EXPOSED FACADE MATERIALS TO MATCH ADJACENT SURFACES.
- SEALANT COATS TO MATCH ADJACENT FINISHED SURFACES.
- VERIFY NOTE AND/OR USE REMOVE NOTE WHEN VERIFIED



1 FAYETTEVILLE ST. ENTRANCE

1/4" = 1'-0"



3 ENTRANCE SIGNAGE

1" = 1'-0"

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PROJECT

ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

REVISION SCHEDULE

DATE DESCRIPTION BY

PROJECT NO. 25-32986
FILE NAME 32986 Arch R24
DRAWN BY Author
DESIGNED BY Designer
REVIEWED BY Checker
ORIGINAL ISSUE DATE MM/DD/YY
CLIENT PROJECT NO.

TITLE

EXTERIOR ELEVATIONS

SHEET

A2-11

ISG

PRELIMINARY NOT FOR CONSTRUCTION

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PROJECT

ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

REVISION SCHEDULE

DATE DESCRIPTION BY

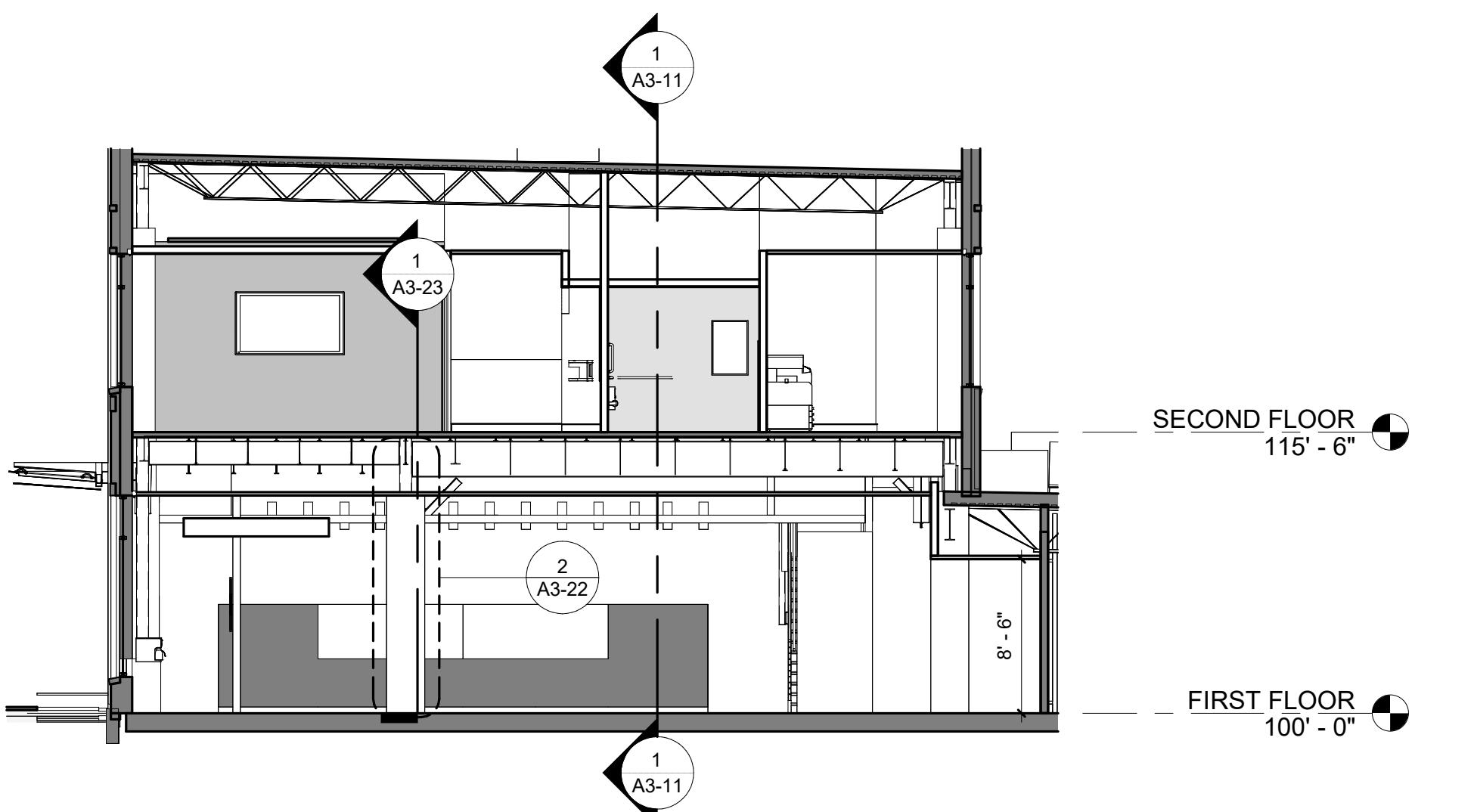
PROJECT NO. 25-32986
FILE NAME 32986 Arch R24
DRAWN BY Author
DESIGNED BY Designer
REVIEWED BY Checker
ORIGINAL ISSUE DATE MM/DD/YY
CLIENT PROJECT NO.

TITLE

BUILDING SECTIONS

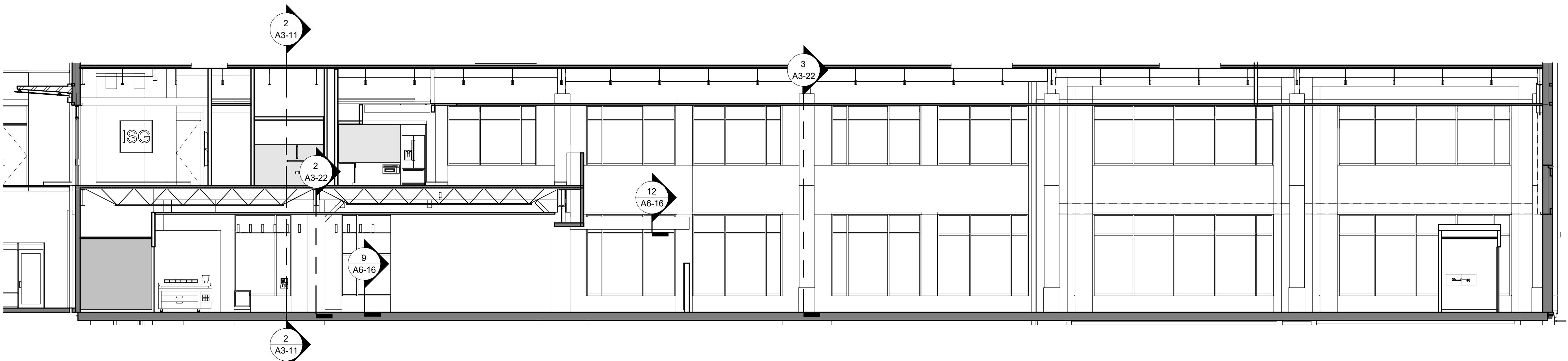
SHEET

A3-11



2 BUILDING SECTION - SOUTH

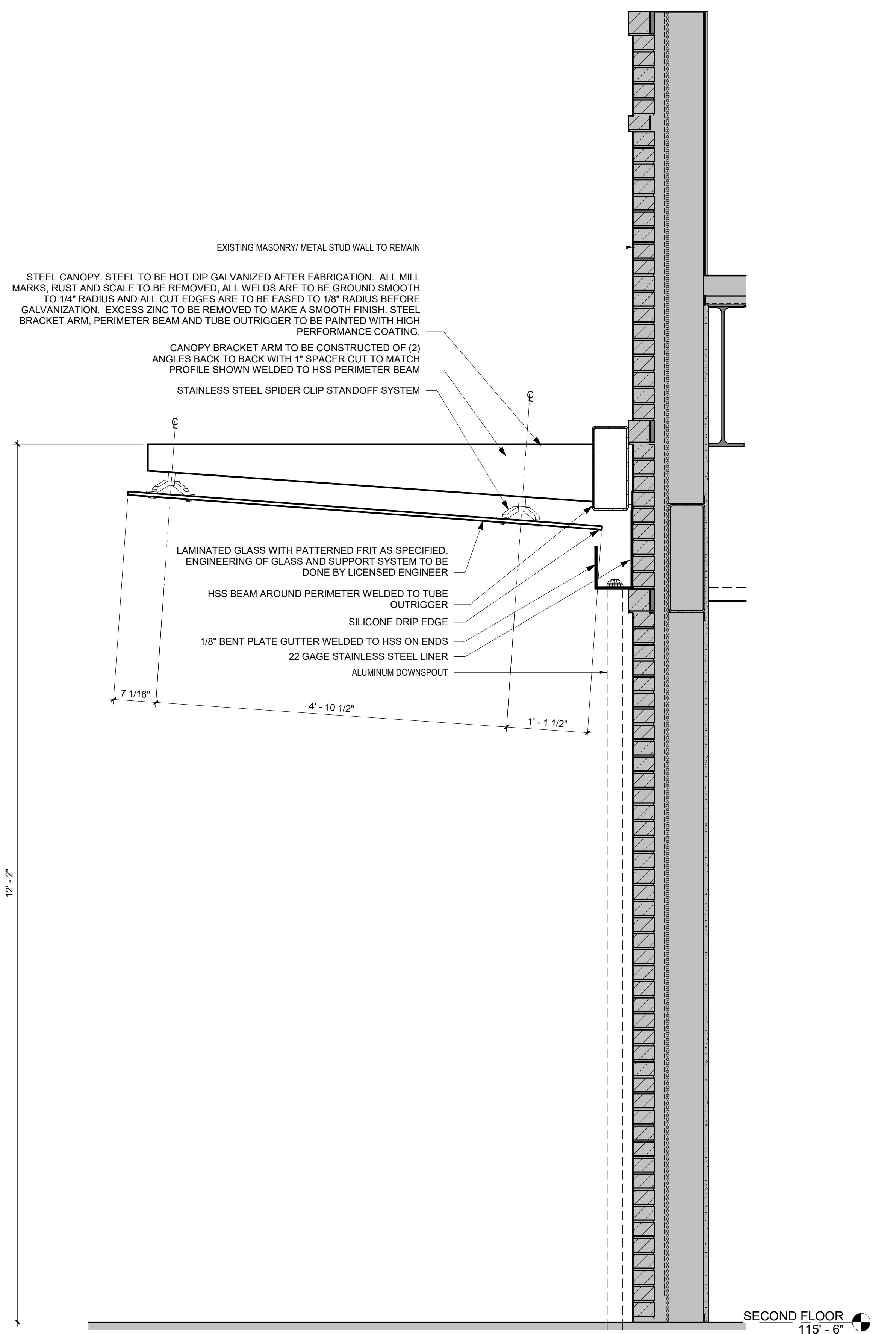
1/8" = 1'-0"



1 BUILDING SECTION - EAST

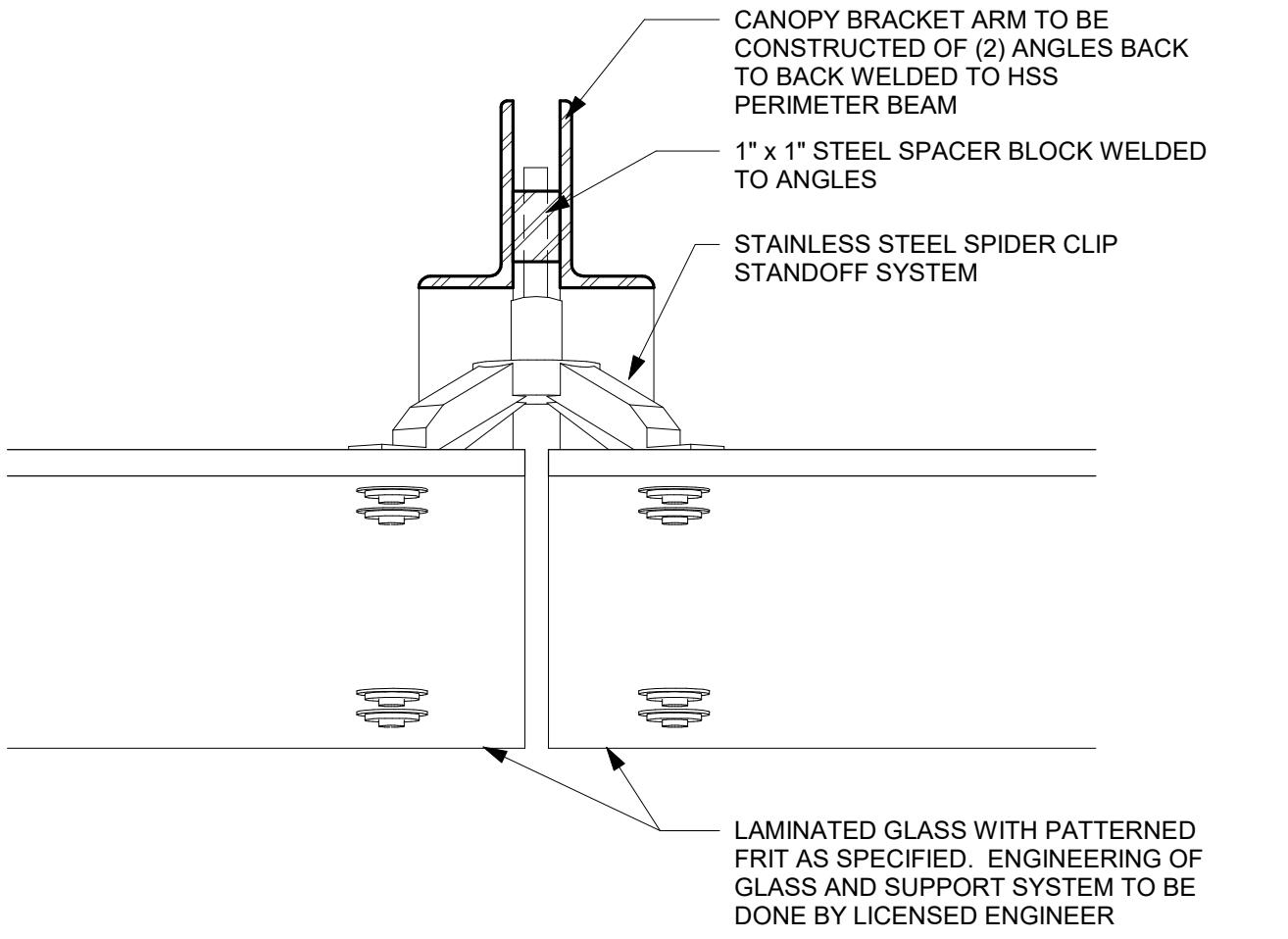
1/8" = 1'-0"

0 1/4" 1/2" 1" 2"

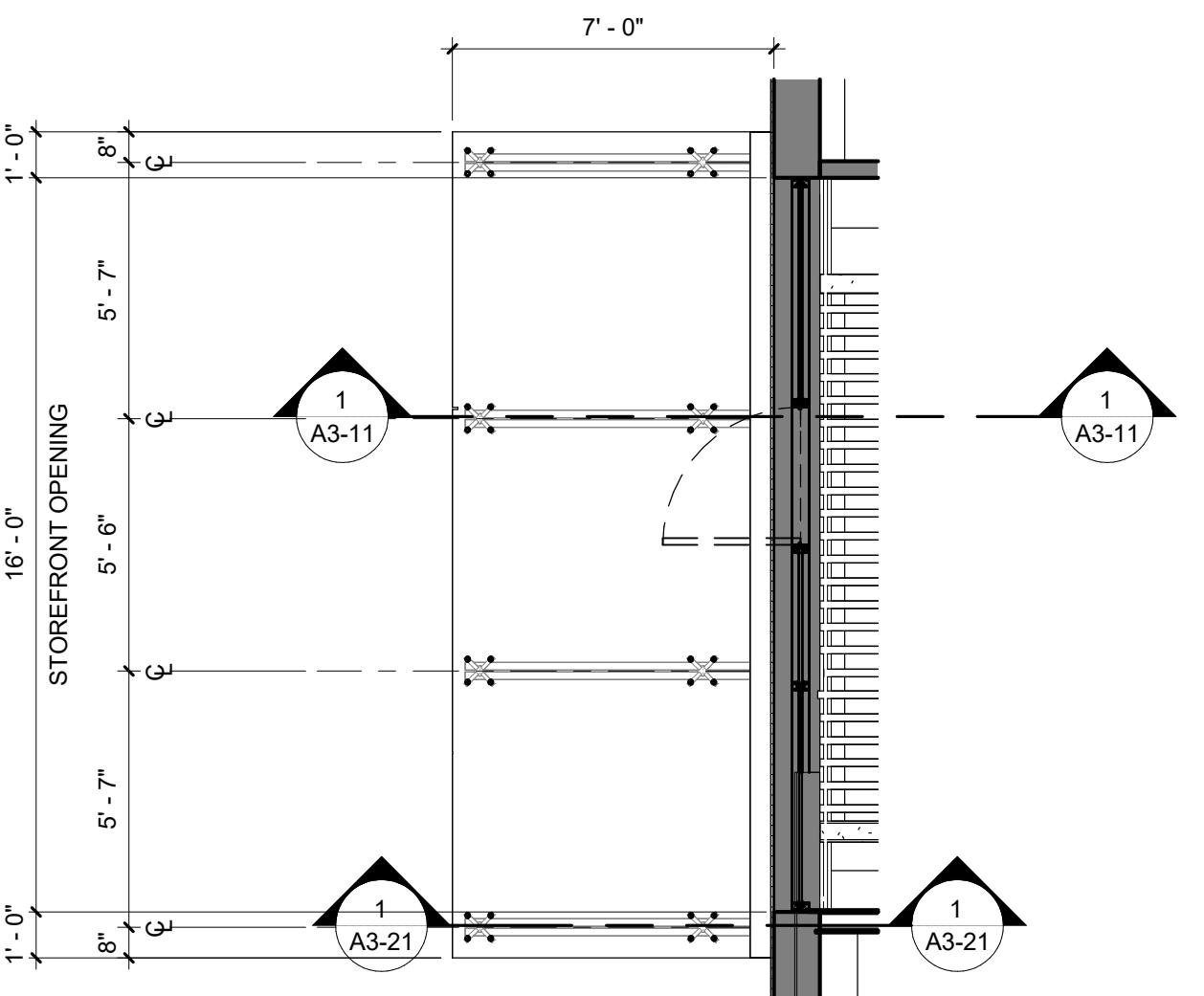


1 CANOPY SECTION
1" = 1'-0"

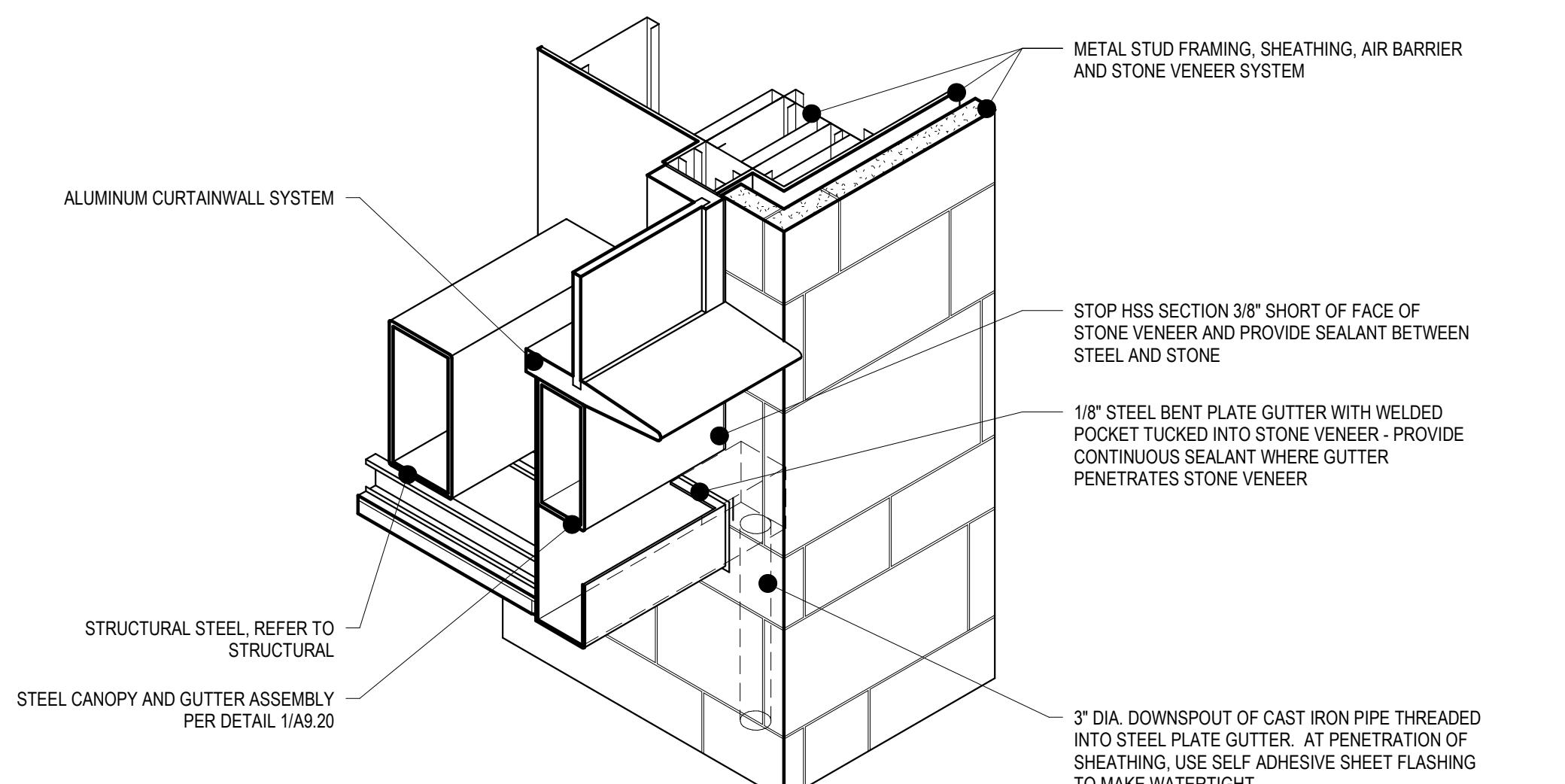
2 MAIN ENTRY CANOPY DOWNSPOUT
3/4" = 1'-0"



4 CANOPY - TYPICAL BRACKET
3" = 1'-0"



3 MAIN ENTRANCE CANOPY PLAN
1/4" = 1'-0"



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PROJECT

ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO. 25-32986

FILE NAME 32986 Arch R24

DRAWN BY RKS/BML

DESIGNED BY AJW

REVIEWED BY RN

ORIGINAL ISSUE DATE MM/DD/YY

CLIENT PROJECT NO.

TITLE

WALL SECTIONS

SHEET

A3-21

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ISG RALEIGH BUILD OUT

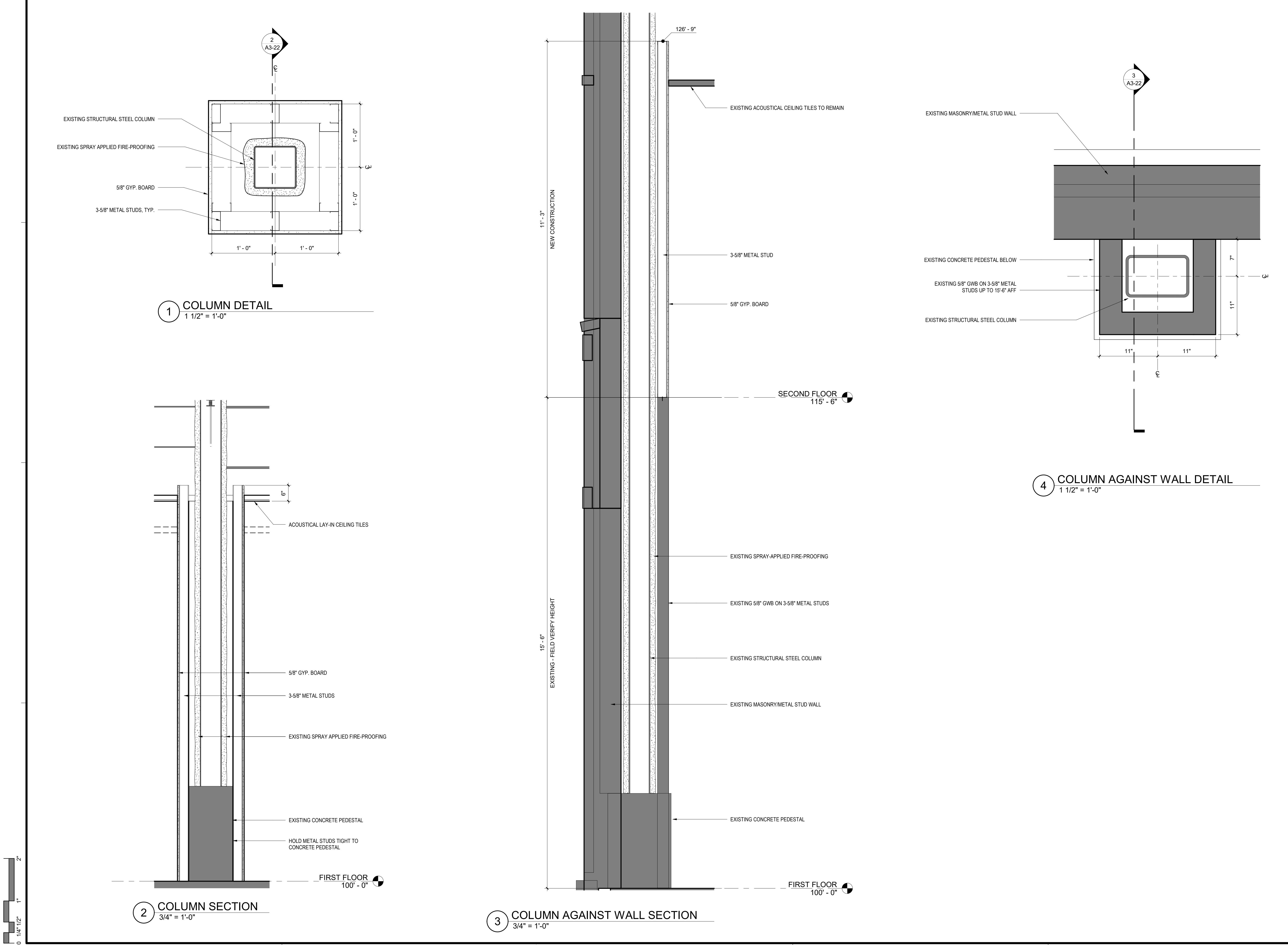
FIGURE 1. NORTH CAROLINA

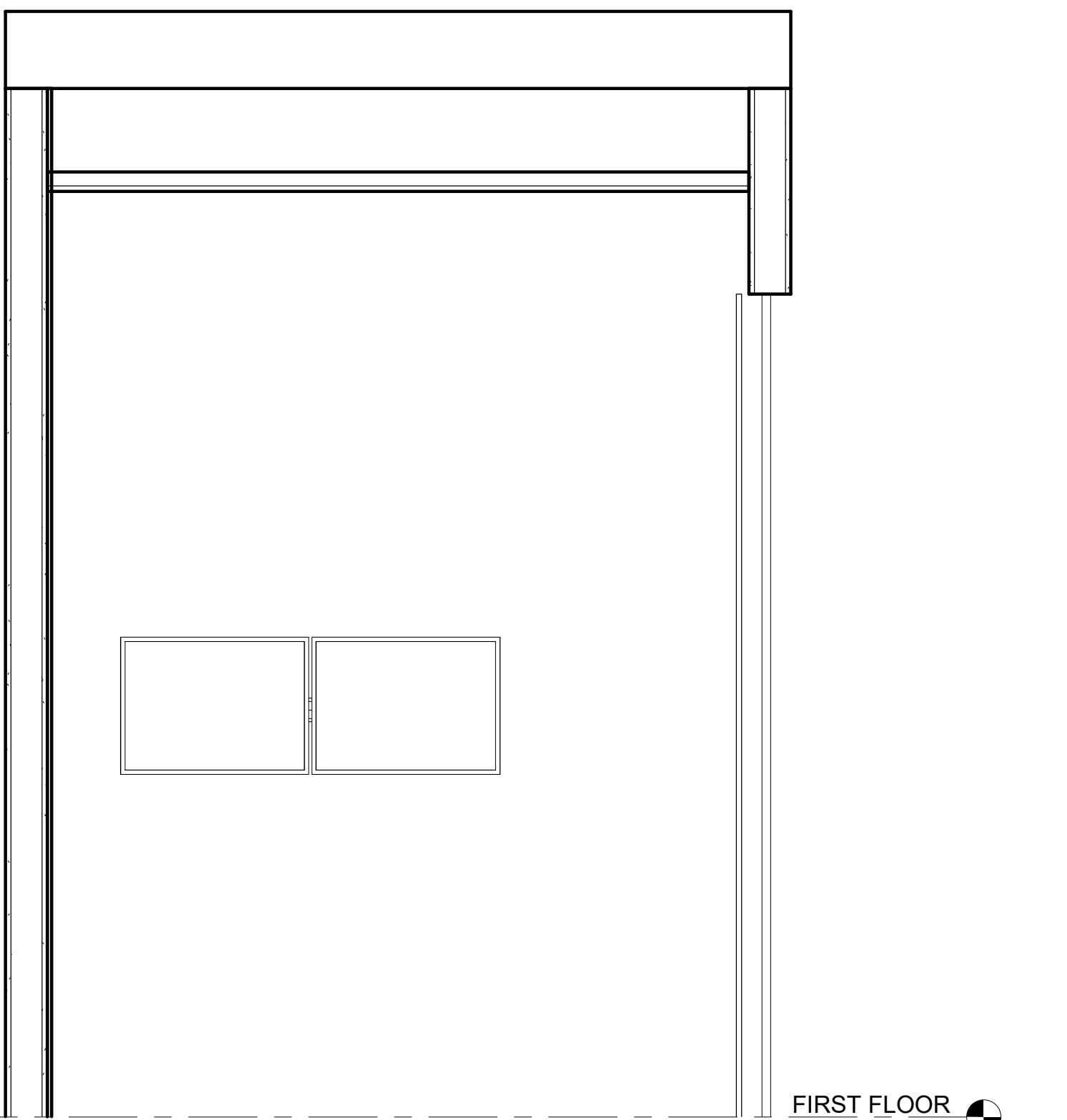
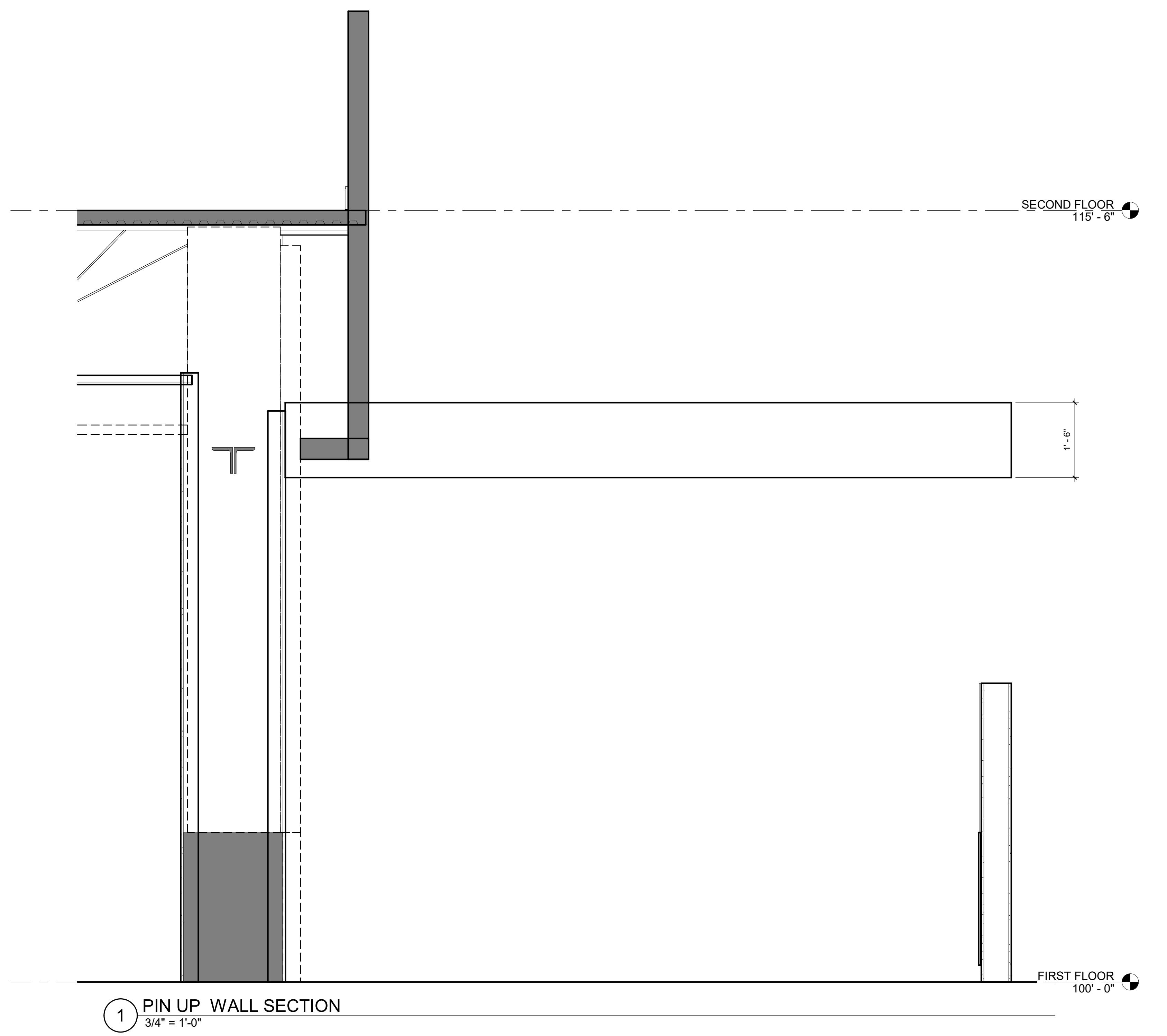
JECT NO.	25-32986
NAME	32986 Arch R24
WN BY	RKS/BML
GNED BY	AJW
EWED BY	RN
GINAL ISSUE DATE	MM/DD/YY
NT PROJECT NO	

WALL SECTIONS

STREET

A3-22





1 PIN UP WALL SECTION

2 HARD LID SECTION AT HUDDLE

3/4" = 1'-0"

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ISG RALEIGH

BUILD OUT

LEIGH NORTH CAROLINA

PROJECT NO.	25-32986
NAME	32986 Arch R24
AWN BY	Author
SIGNED BY	Designer
VIEWED BY	Checker
GINAL ISSUE DATE	MM/DD/YY
ENT PROJECT NO.	

WALL SECTIONS AND DETAILS

HEET

ISG

GLAZING SCHEDULE			
MARK	MATERIAL	THICKNESS	COMMENTS
INSULATED			
G-1	GLAZING UNIT	1/4"	
G-2	GLAZING UNIT, TEMPERED	1/4"	
NON-INSULATED			
			VERIFY INFO AND OR USE REMOVE NOTE WHEN VERIFIED
OTHER			

DOOR SCHEDULE																		
MARK	ROOM NAME	WIDTH	HEIGHT	PANEL THICKNESS	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	FIRE RATING	POWER REQUIRED	ACCESS CONTROL	AUTO OPERATOR (ADA)	HOLD OPEN	CLOSER	EXIT DEVICE	HARDWARE GROUP	FUNCTION	COMMENTS
105	CONFERENCE	3'-0"	10'-0"	0'-0 5/8"	AG	GLASS		ALUMINUM										
107	LIBRARY	3'-0"	10'-0"	0'-0 5/8"	AG	GLASS		ALUMINUM										
108a	HUDDLE	3'-0"	8'-0"	0'-0 5/8"	AG	GLASS		ALUMINUM										
108b	HUDDLE	2'-10"	8'-0"	0'-0 5/8"	AG	GLASS		ALUMINUM										
109	HUDDLE	2'-10"	8'-0"	0'-0 5/8"	AG	GLASS		ALUMINUM										
110	HUDDLE	2'-10"	8'-0"	0'-0 5/8"	AG	GLASS		ALUMINUM										
111	PRIVACY	3'-0"	7'-0"	0'-1 3/4"	FL	WOOD	1	HOLLOW METAL										
112	OPEN OFFICE	0'-0"	0'-0"															
113	OPEN OFFICE	3'-0"	7'-0"	0'-1 3/4"	FL	WOOD	1	HOLLOW METAL										
114	I.T.	3'-0"	7'-0"	0'-1 3/4"	FL	WOOD	1	HOLLOW METAL										
115	HALLWAY	3'-0"	7'-0"	0'-1 3/4"	FL	WOOD	1	HOLLOW METAL										
116	HALLWAY	3'-0"	7'-0"	0'-1 3/4"	FL	WOOD	1	HOLLOW METAL										
117	HALLWAY	3'-0"	7'-0"	0'-1 3/4"	FL	WOOD	1	HOLLOW METAL										
203	CONFERENCE	3'-0"	8'-0"	0'-0 5/8"	AG	GLASS		ALUMINUM										
204	CONFERENCE	3'-0"	8'-0"	0'-0 5/8"	AG	GLASS		ALUMINUM										
207	PHONE	3'-0"	7'-0"	0'-1 3/4"	FL	WOOD	1	HOLLOW METAL										
208	PHONE	2'-10"	9'-0"	0'-0 5/8"	AG	GLASS		ALUMINUM										

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PROJECT

ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

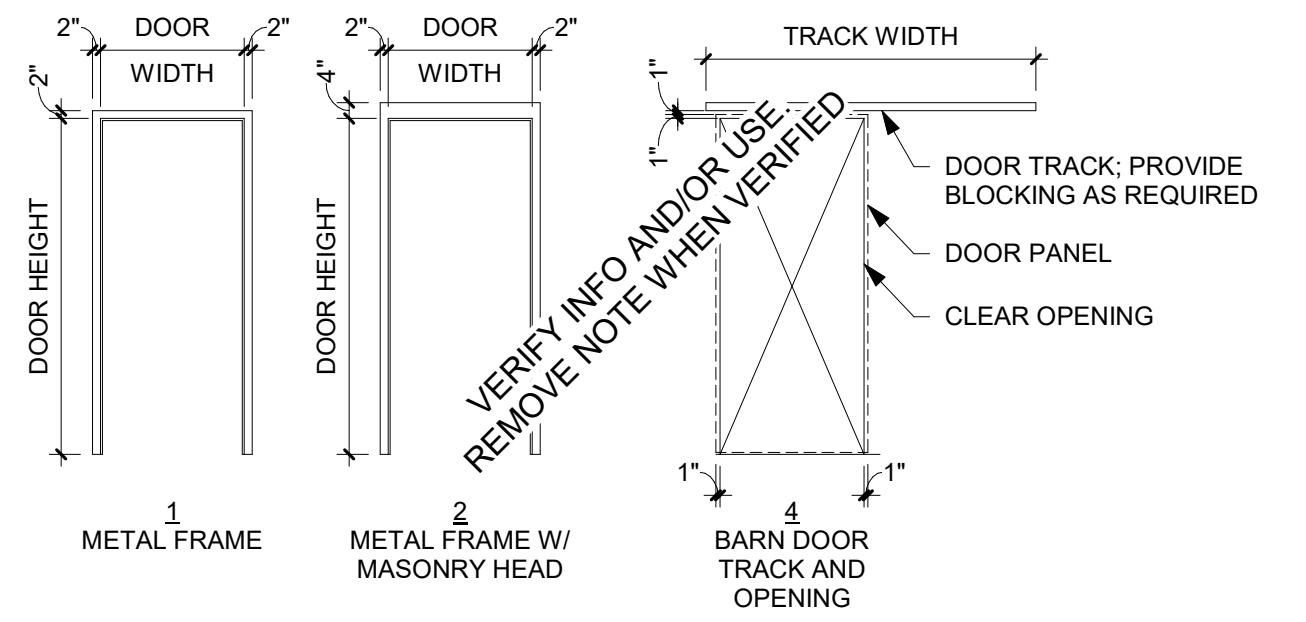
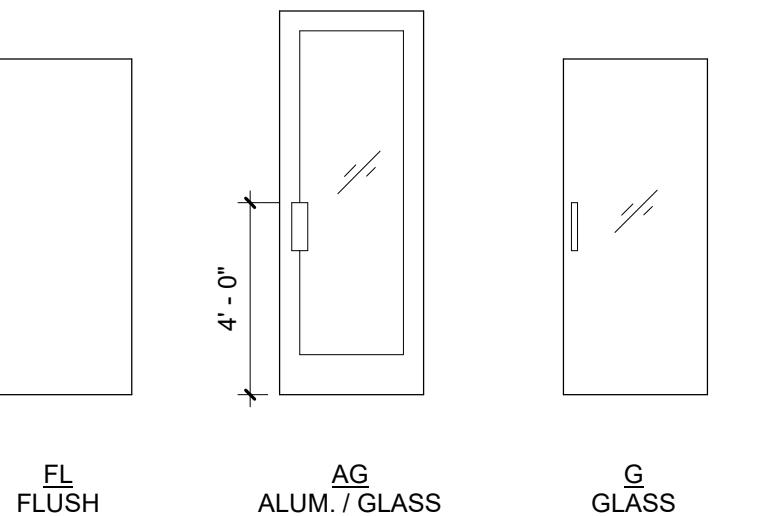
REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO. 25-32986
FILE NAME 32986 Arch R24
DRAWN BY RKS/BML
DESIGNED BY AJW
REVIEWED BY RN
ORIGINAL ISSUE DATE MM/DD/YY
CLIENT PROJECT NO.

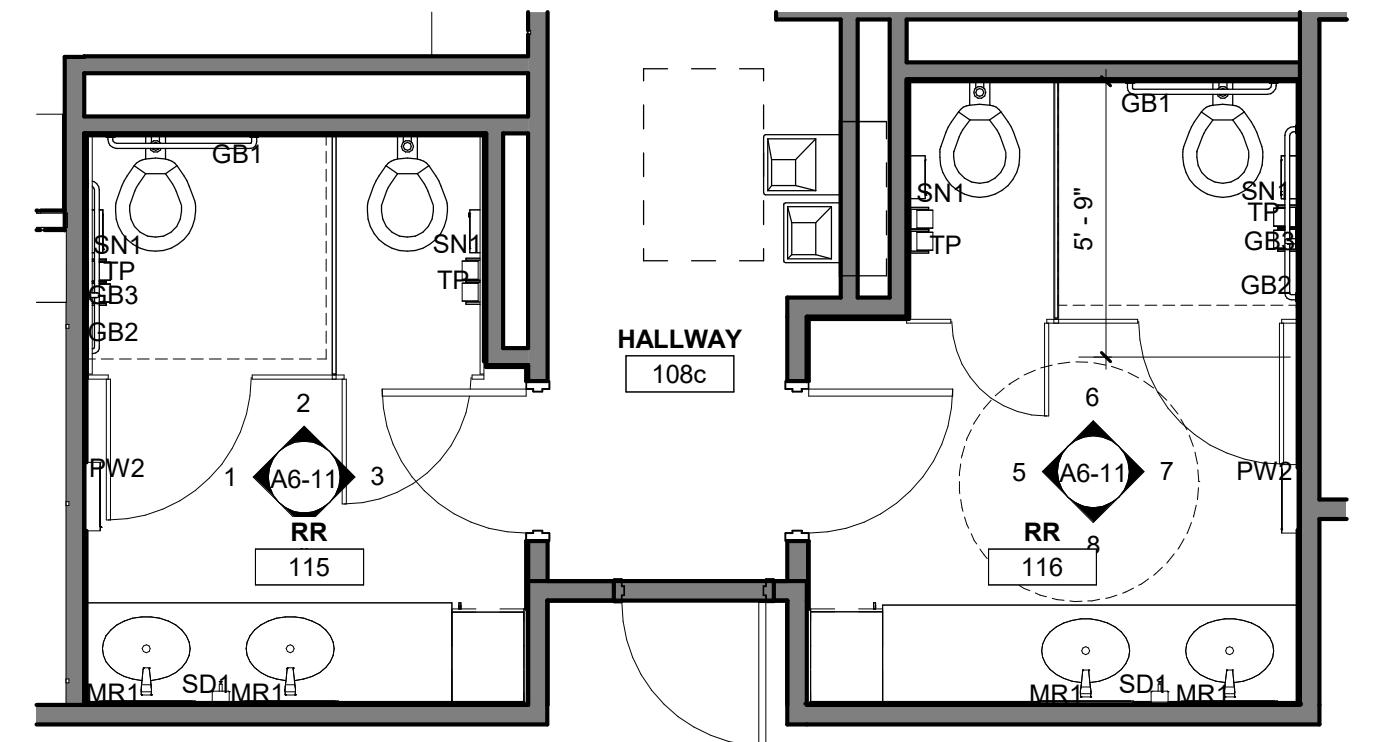
DOOR SCHEDULE, DOOR AND FRAME TYPES

SHEET

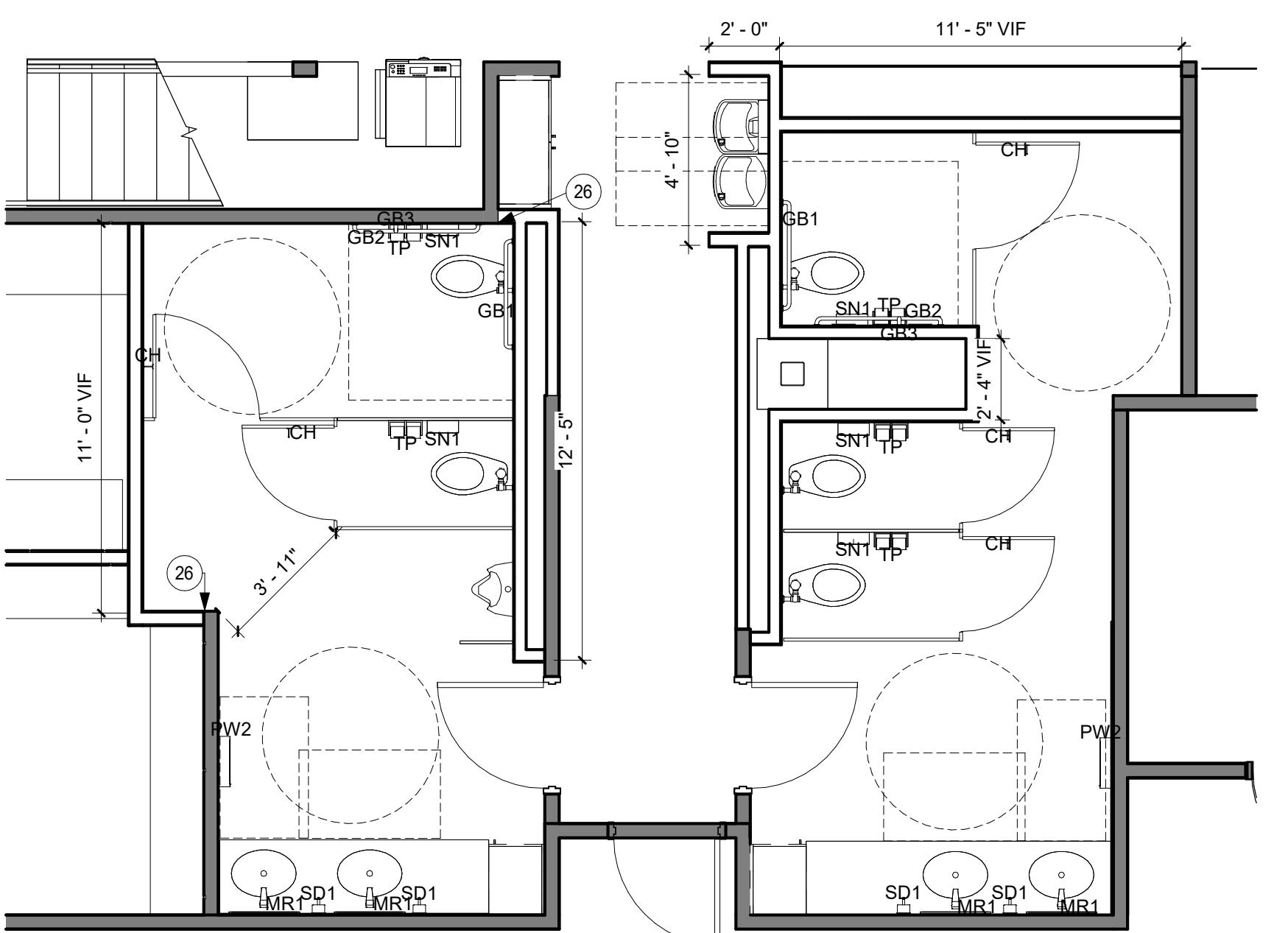
A4-11

FRAME TYPESDOOR TYPES

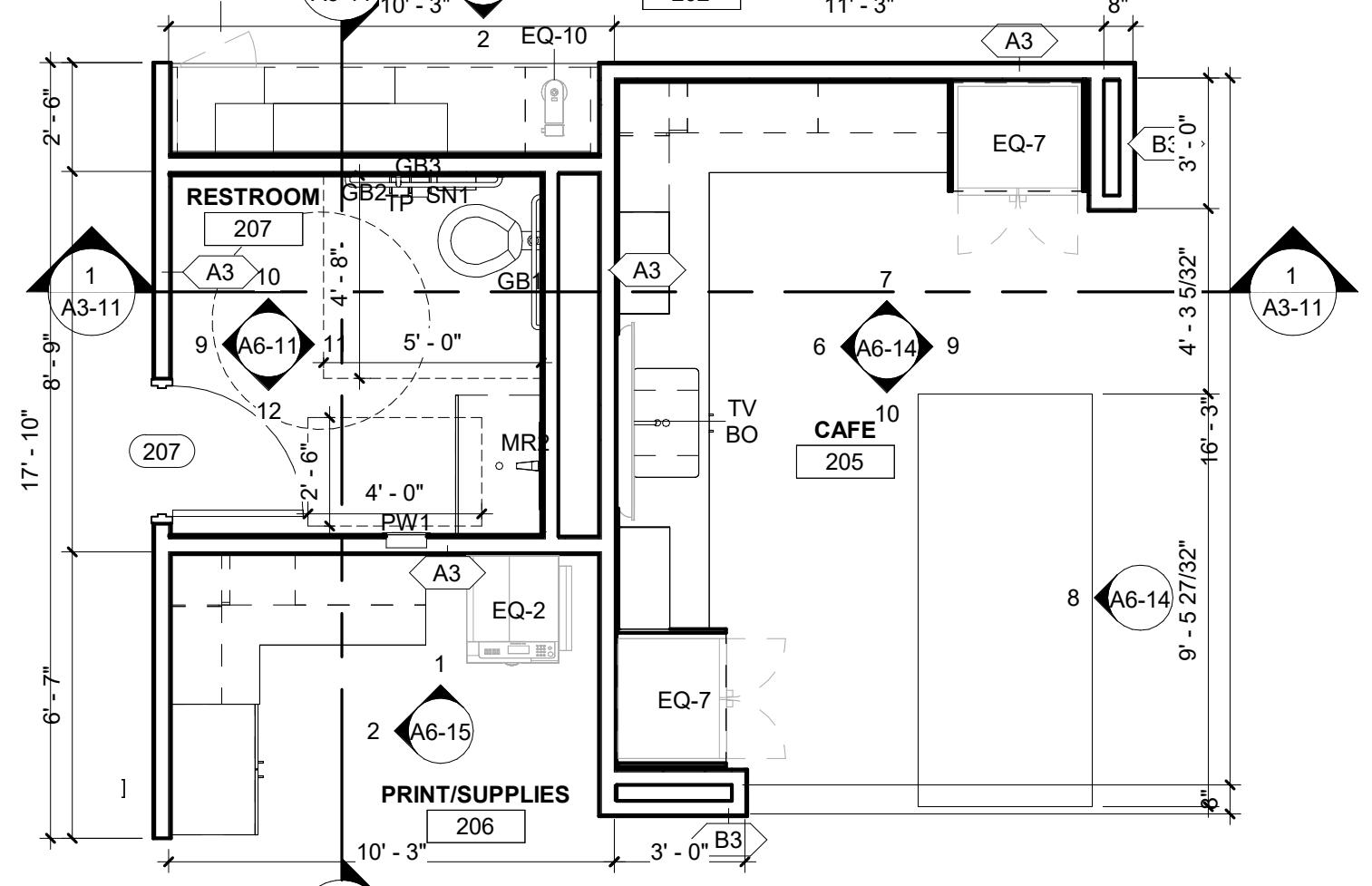
ISG



1 ENLARGED FIRST FLOOR RESTROOM - OPTION 1



2 ENLARGED FIRST FLOOR RESTROOM - OPTION 2

3 ENLARGED CAFE AND RESTROOM
1/4" = 1'-0"

EQUIPMENT SCHEDULE				
MARK	DESCRIPTION	COMMENTS	PROVIDED BY	INSTALLED BY
EQ-1	PLOTTER	EXISTING TO BE REUSED	OWNER	OWNER
EQ-2	FLOOR PRINTER	EXISTING TO BE REUSED	OWNER	OWNER
EQ-3	UNDERCOUNTER REFRIGERATOR	EXISTING TO BE REUSED	OWNER	CONTRACTOR
EQ-4	COFFEE MAKER	EXISTING TO BE REUSED	OWNER	OWNER
EQ-5	UNDERCOUNTER REFRIGERATOR, ADA HEIGHT		OWNER	CONTRACTOR
EQ-6	3D PRINTER	EXISTING TO BE REUSED	OWNER	OWNER
EQ-7	FRENCH DOOR REFRIGERATOR WITH INTERNAL ICE AND WATER		OWNER	CONTRACTOR
EQ-8	MICROWAVE		OWNER	CONTRACTOR
EQ-9	DISHWASHER		OWNER	CONTRACTOR
EQ-10	KEURIG COFFEE MAKER WITH PLUMBING CONNECTION		OWNER	CONTRACTOR

WALL LEGEND	
—	EXISTING CONSTRUCTION TO REMAIN
—	NEW CONSTRUCTION
—	NOT IN SCOPE OF WORK

FLOOR PLAN SHEET NOTES

- ALL INTERIOR PARTITION WALLS SHALL BE WALL TYPE A UNLESS OTHERWISE NOTED.
- INTERIOR WALL DIMENSIONS ARE FROM FACE OF WALL TO CENTER CONCRETE TO FACE OF STUD, UNLESS NOTED OTHERWISE.
- PAINT ALL EXPOSED METALS INCLUDING, BUT NOT LIMITED TO COLUMNS, RISERS, STRINGS, HANDRAILS, GUARDRAILS, EXPOSED TELTS AND FLOOR EDGES, UNLESS NOTED OTHERWISE.
- REFER TO SHEET A1-49 'FINISH SCHEDULES' FOR MARKER/TACK BOARD SPECIFICATIONS.
- INSTALL FIRE RETARDANT TREATED BLOCKING AS REQUIRED IN ALL PARTITIONS TO RECEIVE COUNTERS, SHELVING, MARKER BOARDS, TVs, ETC.
- ALL WALL MOUNTED ITEMS TO SIT FLUSH ON A WALL SURFACE. WHERE A WALL MOUNTED ITEM IS TO BE INSTALLED ON TWO DIFFERENT FINISH THICKNESSES, PROVIDE A HARDBOARD BACKER FOR THE ITEM TO SIT FLUSH. PROVIDE SEALANT AROUND ALL EDGES OF BACKER AND PAINT TO MATCH ADJACENT SURFACE
- CONSTRUCTION NOTE:
"CAUTION"
ALL ABOVE GRADE FLOORS AND ROOF DECK ARE POST TENSION CONSTRUCTION. CONTRACTOR SHALL LOCATE ALL NEW PENETRATIONS THROUGH THESE ASSEMBLIES. THE CONTRACTOR (APPLICABLE FOR EACH TRADE) SHALL X-RAY AND DETERMINE FINAL LOCATION TO AVOID ALL POST TENSION MEMBERS. THEN CORE DRILL ASSEMBLIES AND PROVIDE FIRE STOPPING. CARE AND CAUTION SHALL BE TAKEN DURING THE PENETRATION PROCESS. IMMEDIATELY NOTIFY STRUCTURAL ENGINEER WITH QUESTIONS AND CONCERNs.

RESTROOM ACCESSORY SCHEDULE

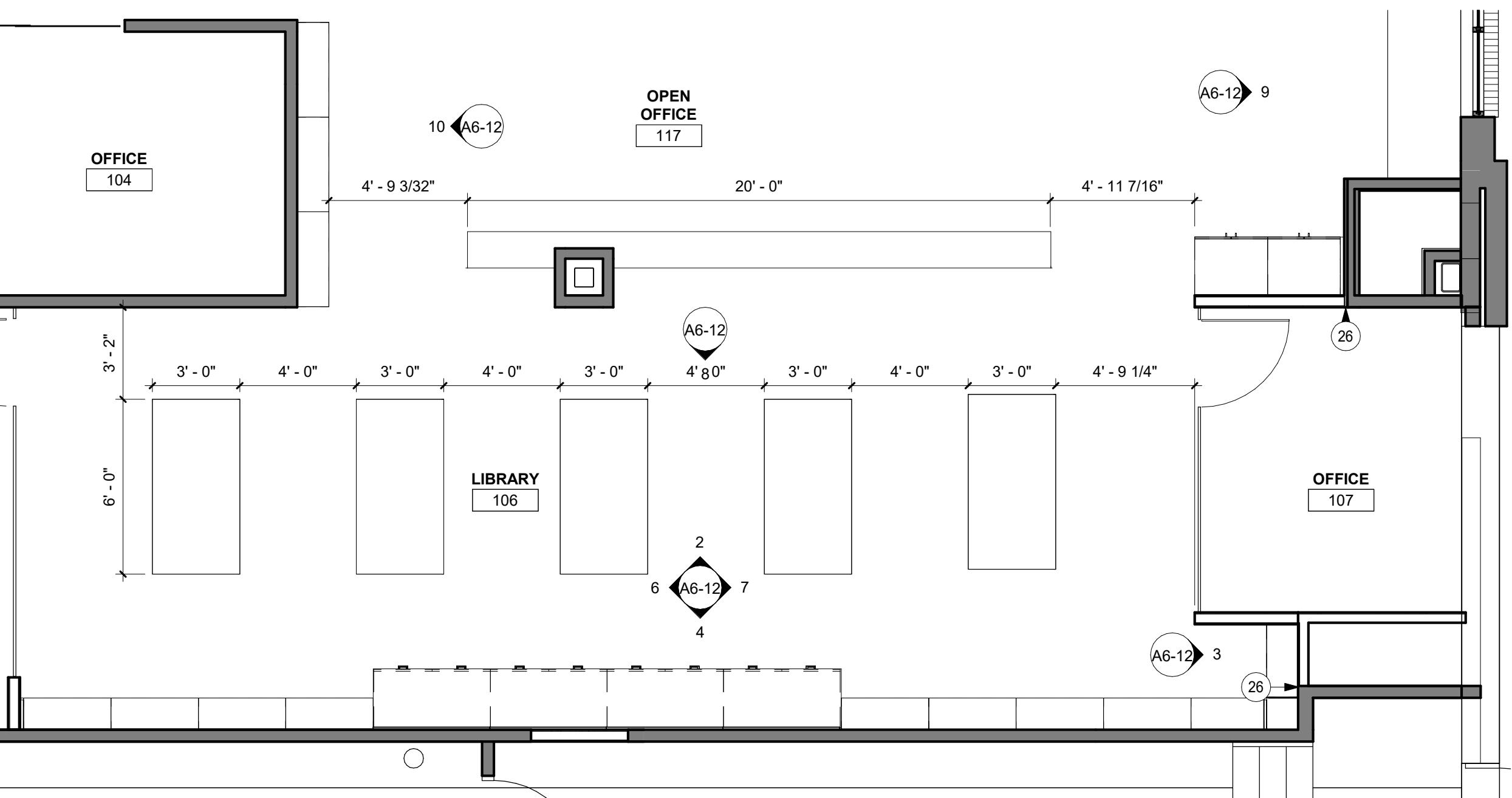
MARK	DESCRIPTION	COMMENTS	PROVIDED BY	INSTALLED BY
GB1	36" HORIZONTAL GRAB BAR	EXISTING TO BE REUSED	OWNER	CONTRACTOR
GB2	42" HORIZONTAL GRAB BAR	EXISTING TO BE REUSED	OWNER	CONTRACTOR
GB3	18" VERTICAL GRAB BAR	EXISTING TO BE REUSED	OWNER	CONTRACTOR
MR1	MIRROR - 3' - 0" H X 2' - 0" W	EXISTING TO BE REUSED	OWNER	CONTRACTOR
MR2	MIRROR - 3' - 0" H X 2' - 0" W	REJUVENATION STEPPED METAL FRAME MIRROR / AGED BRASS	CONTRACTOR	CONTRACTOR
MR3	WALL MIRROR - 3' - 0" H X 2' - 0" W	EXISTING TO BE REUSED	OWNER	OWNER
PW1	PAPER TOWEL / WASTE - RECESS MOUNTED	BOBRICK B-36903 TRIMLINE SERIES RECESSED COMBO TOWEL AND WASTE	CONTRACTOR	CONTRACTOR
PW2	PAPER TOWEL / WASTE - SURFACE MOUNTED	BOBRICK FINO B-9262 / STAINLESS STEEL, SATIN FINISH	CONTRACTOR	CONTRACTOR
SD1	SOAP DISPENSER	EXISTING TO BE REUSED	OWNER	CONTRACTOR
SN1	SANITARY NAPKIN DISPOSAL - SURFACE MOUNTED	BOBRICK TRIMLINE SERIES B-35139 / STAINLESS STEEL, SATIN FINISH	CONTRACTOR	CONTRACTOR
TP	TOILET TISSUE DISPENSER - DOUBLE	BOBRICK B-540 / STAINLESS STEEL, SATIN FINISH	CONTRACTOR	CONTRACTOR

KEYNOTE LEGEND

26	ALIGN FACE OF GYP WITH EXISTING WALL
----	--------------------------------------

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PROJECT

4 ENLARGED PLAN - 106 LIBRARY
1/4" = 1'-0"

RALEIGH NORTH CAROLINA

REVISION SCHEDULE	DATE	DESCRIPTION	BY
PROJECT NO.	25-32986		
FILE NAME	32986 Arch R24		
DRAWN BY	Author		
DESIGNED BY	Designer		
REVIEWED BY	Checker		
ORIGINAL ISSUE DATE	MM/DD/YY		
CLIENT PROJECT NO.			

TITLE

ENLARGED FLOOR PLANS

SHEET

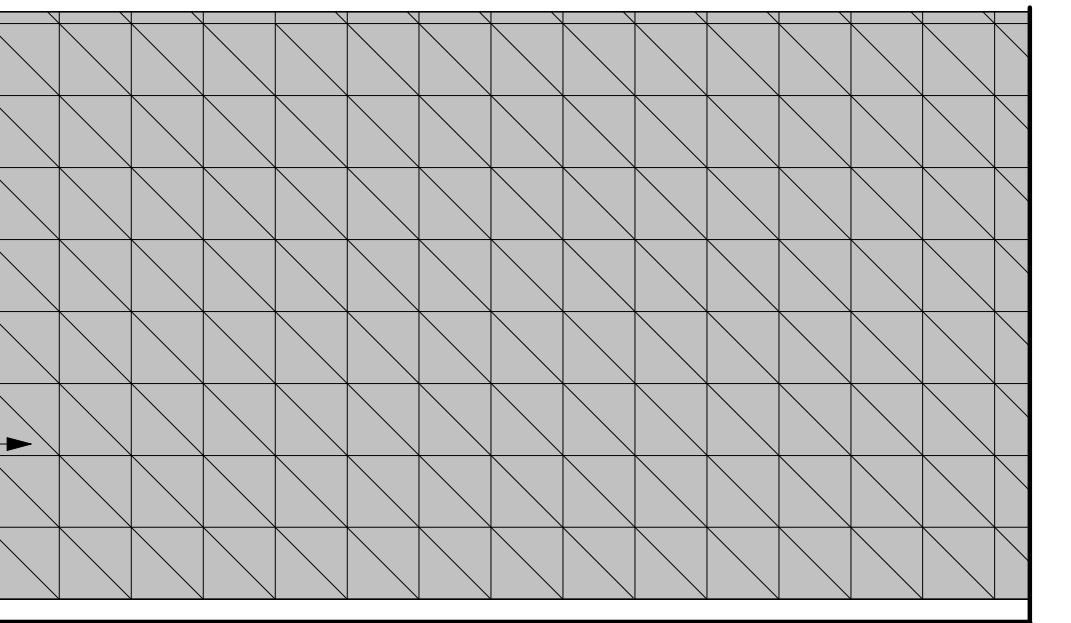
A5-11

PRELIMINARY NOT FOR CONSTRUCTION

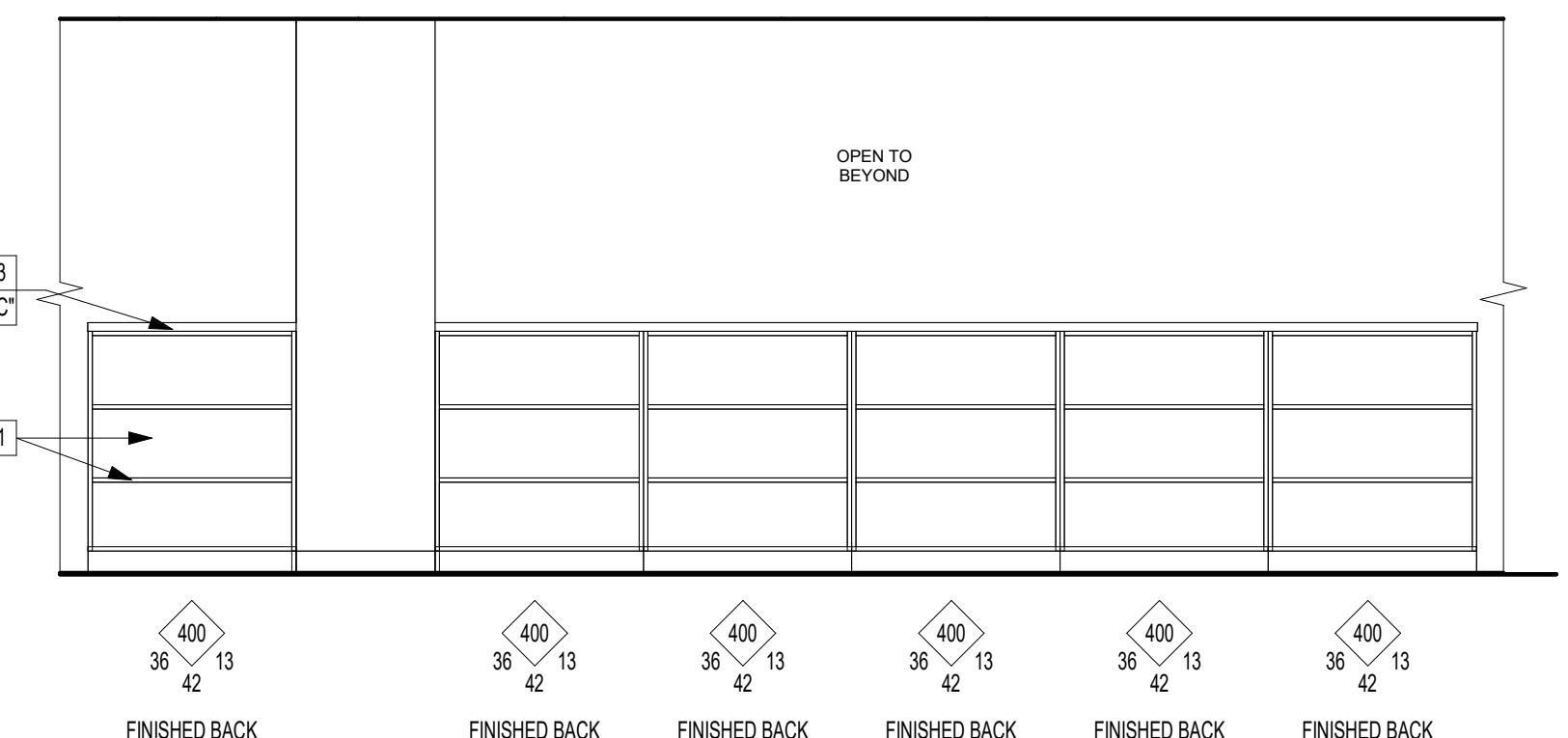
ISG

KEYNOTE LEGEND

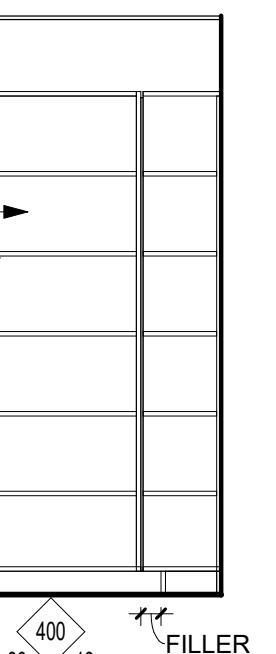
19 CONTINUOUS MODESTY PANEL WITH FINISHED BACK. REFER TO SECTION DETAIL.



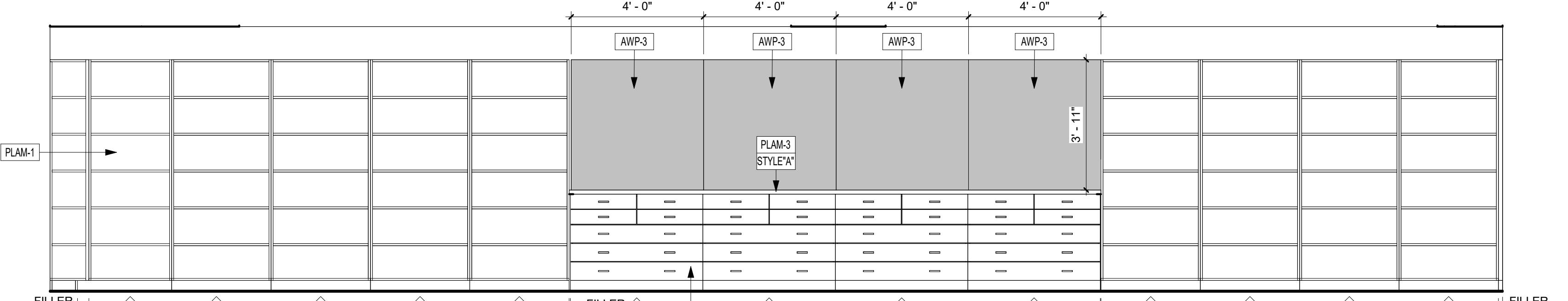
1 105 CONFERENCE - NORTH
3/8" = 1'-0"



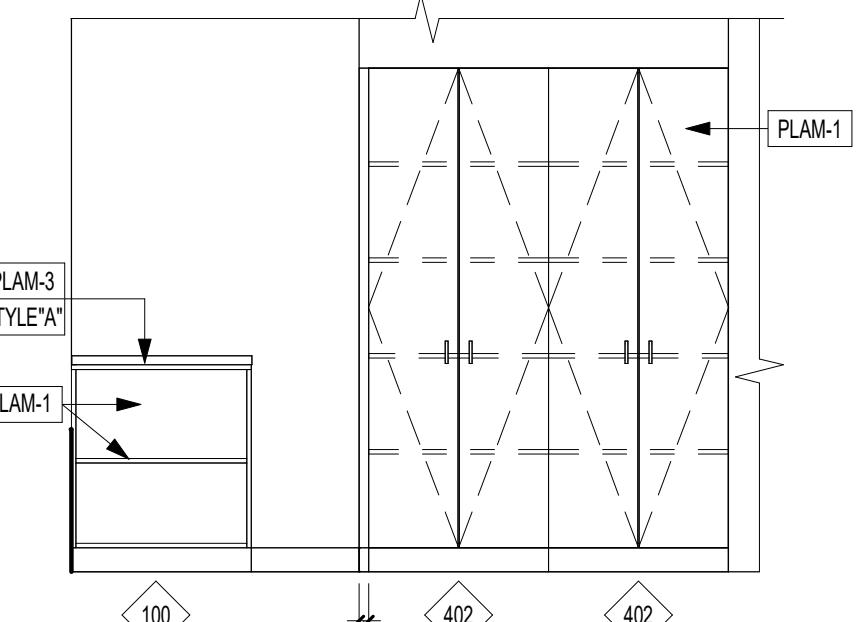
2 106 LIBRARY - EAST
3/8" = 1'-0"



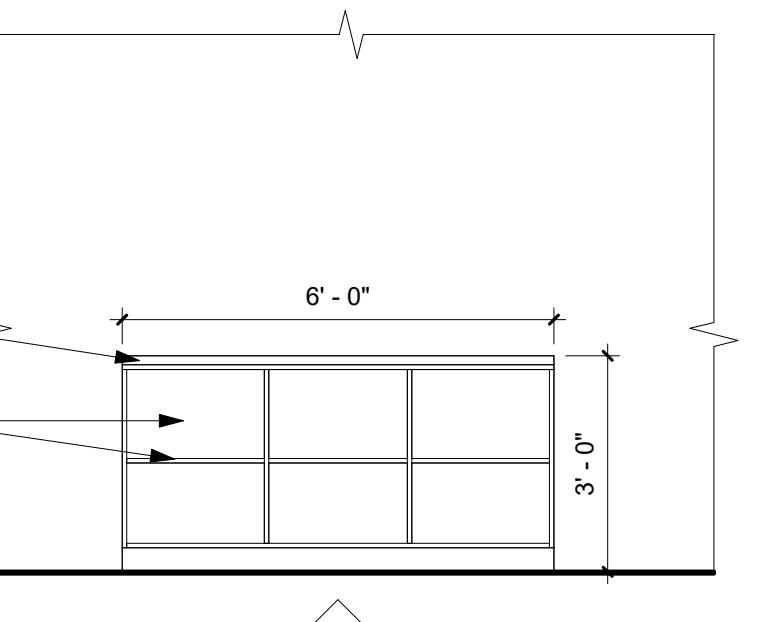
3 106 LIBRARY - SOUTH
3/8" = 1'-0"



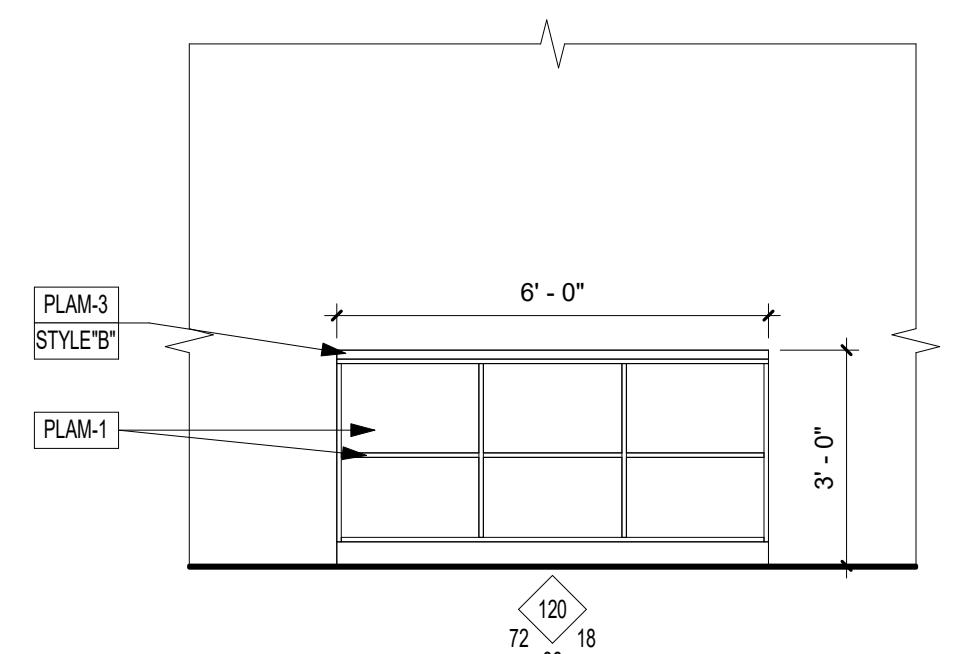
4 106 LIBRARY - WEST
3/8" = 1'-0"



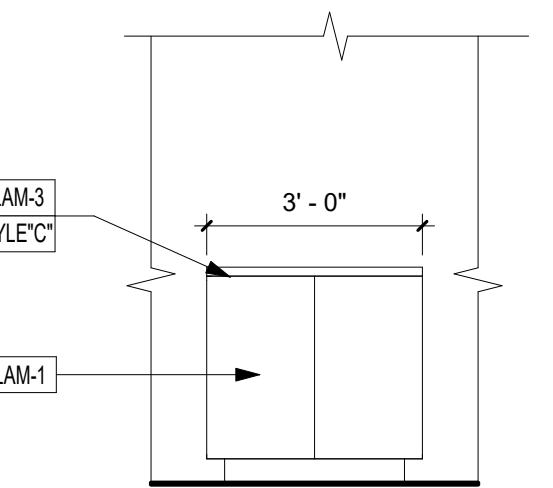
5 106 LIBRARY CUBBIES - WEST
3/8" = 1'-0"



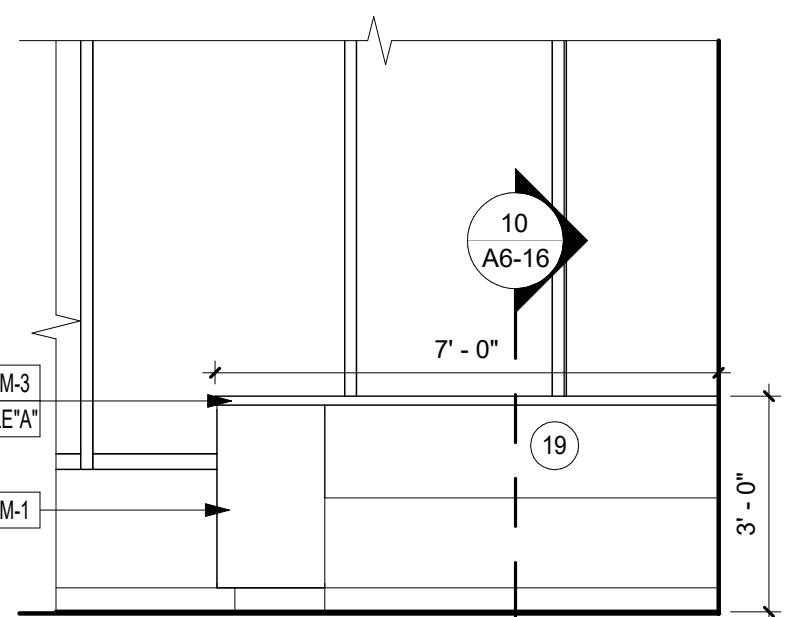
6 106 LIBRARY TYP TABLE BACK
3/8" = 1'-0"



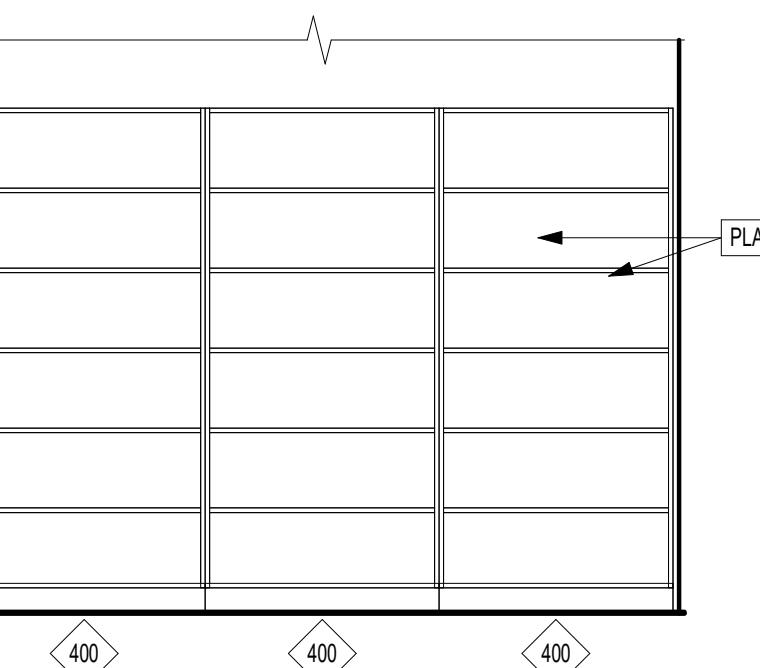
7 106 LIBRARY TYP TABLE FRONT
3/8" = 1'-0"



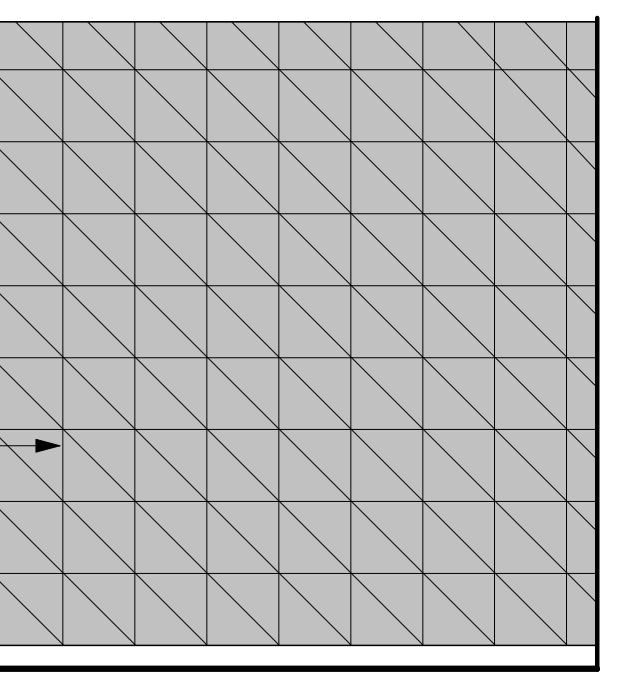
8 106 LIBRARY TYP TABLE SIDE
3/8" = 1'-0"



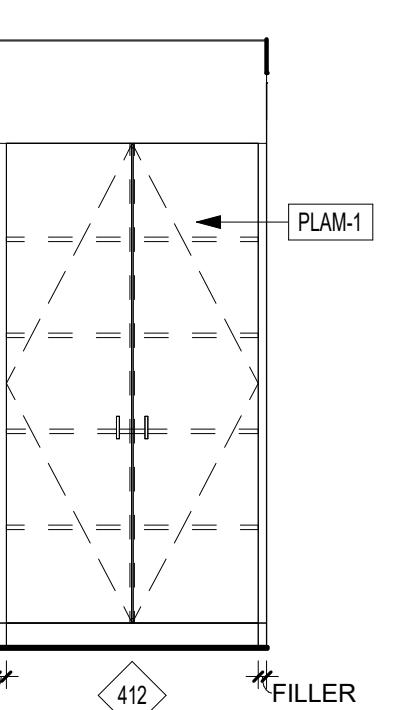
9 117 OPEN OFFICE - EAST
3/8" = 1'-0"



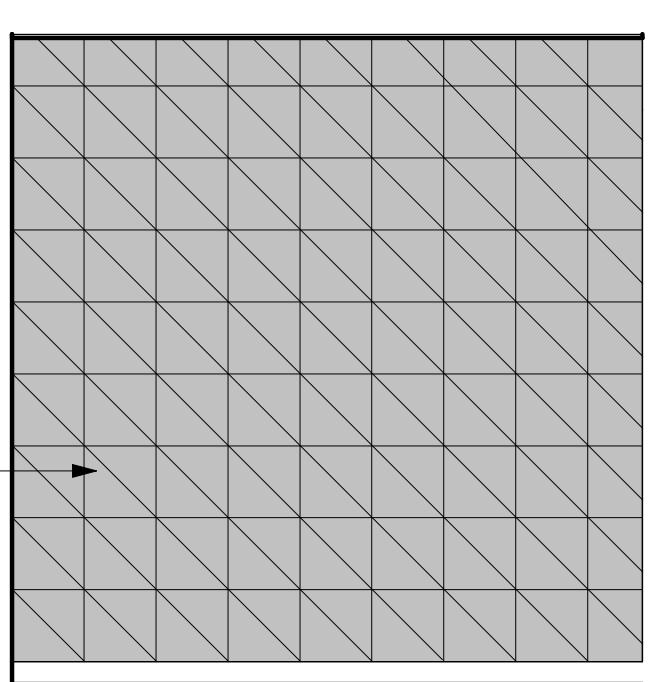
10 117 OPEN OFFICE SHELVING - NORTH
3/8" = 1'-0"



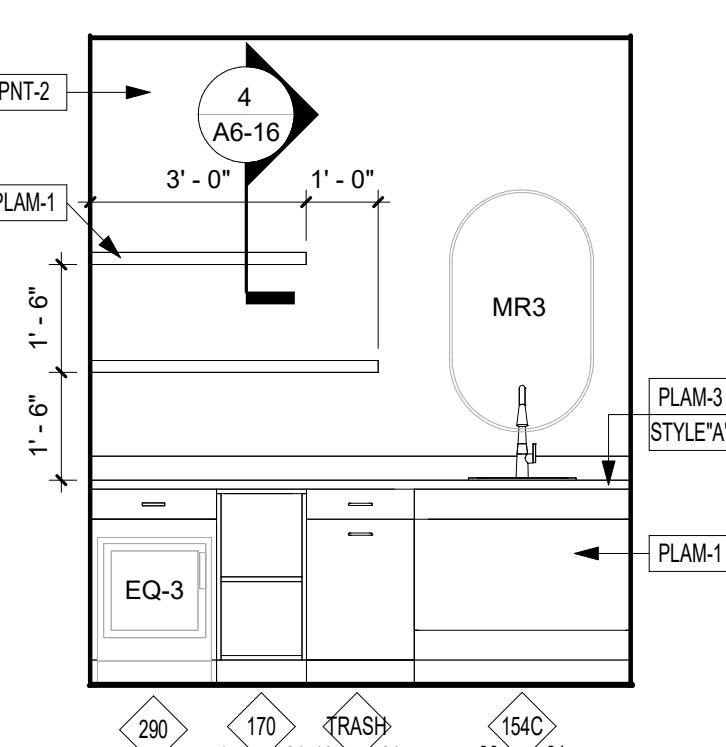
11 108A & 108B HUDDLE - NORTH
3/8" = 1'-0"



12 108C HALLWAY - NORTH
3/8" = 1'-0"



13 109 & 110 HUDDLE - EAST
3/8" = 1'-0"



14 111 PRIVACY - EAST
3/8" = 1'-0"

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PROJECT

ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

DATE	DESCRIPTION	BY

PROJECT NO. 25-32986
FILE NAME 32986 Arch R24
DRAWN BY CRR
DESIGNED BY CRR
REVIEWED BY AJW
ORIGINAL ISSUE DATE 11/07/2025
CLIENT PROJECT NO.

TITLE

INTERIOR ELEVATIONS

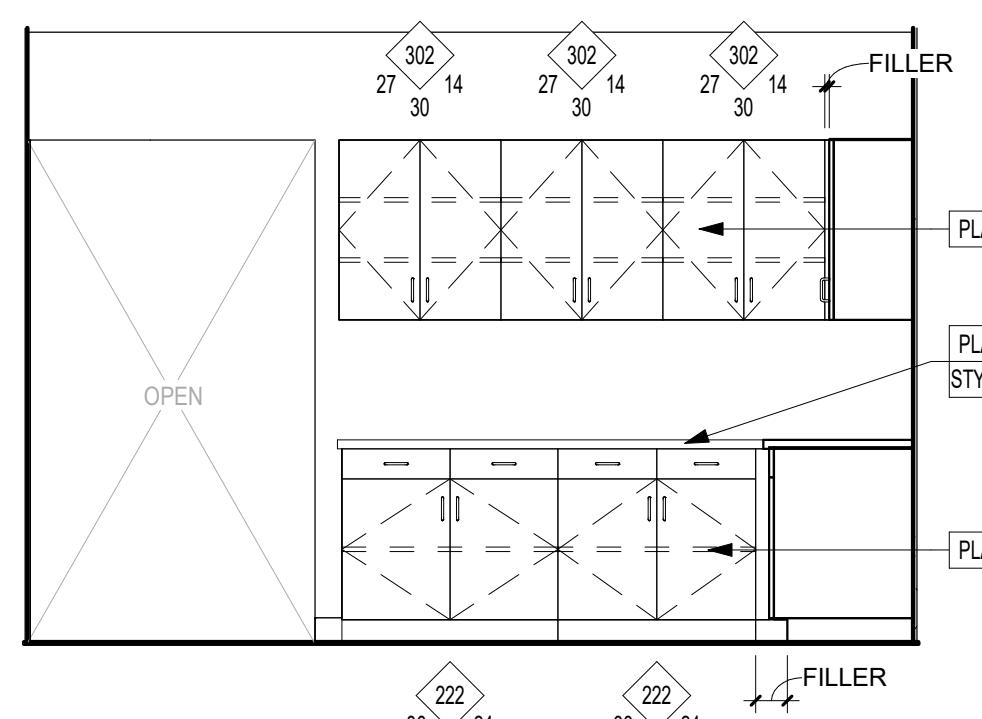
SHEET

A6-12

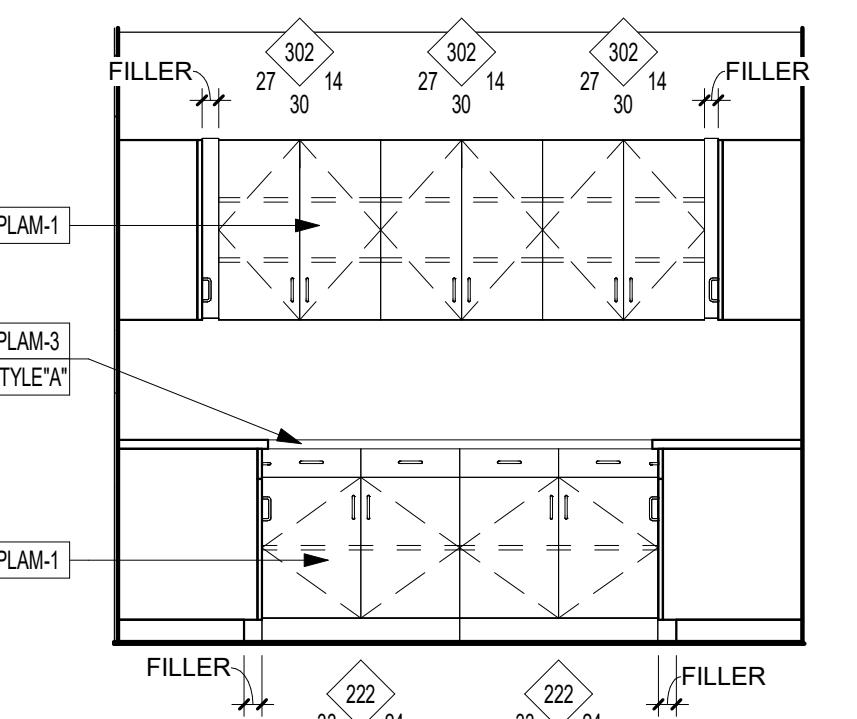


KEYNOTE LEGEND

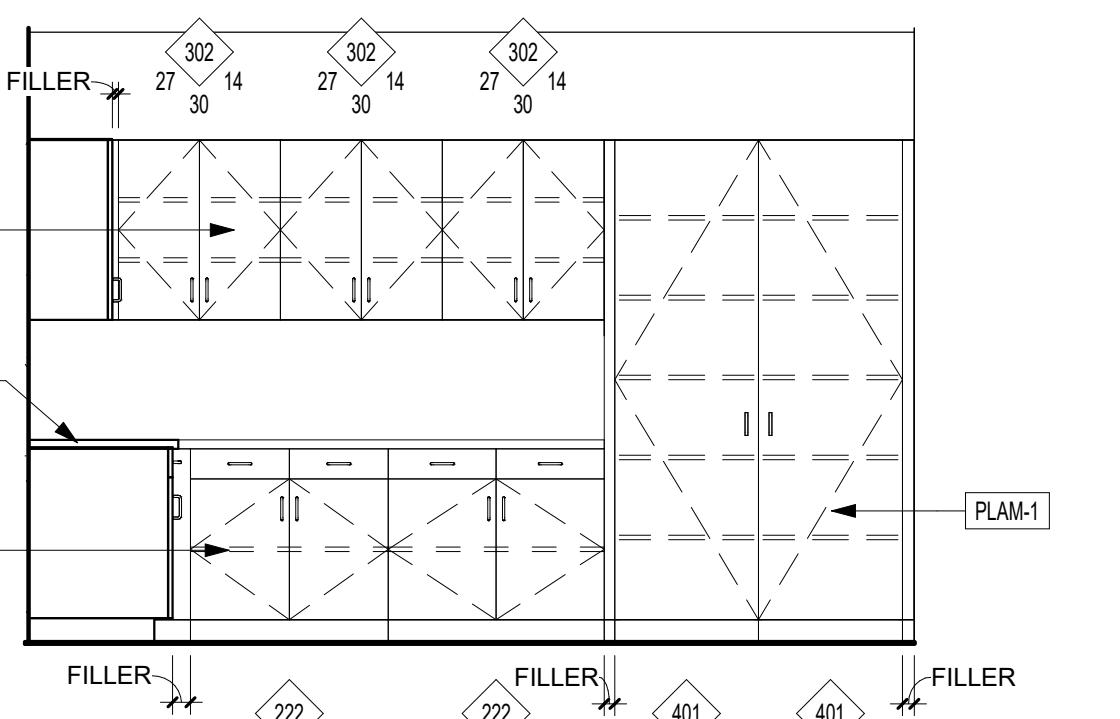
28	INSTALL SALVAGED ISG LOGO SIGN
35	NO BASE IN CABINET. TO BE OPEN TO FINISH FLOOR.
38	TOP OF WALL TO BE FINISHED AND PAINTED PNT-1



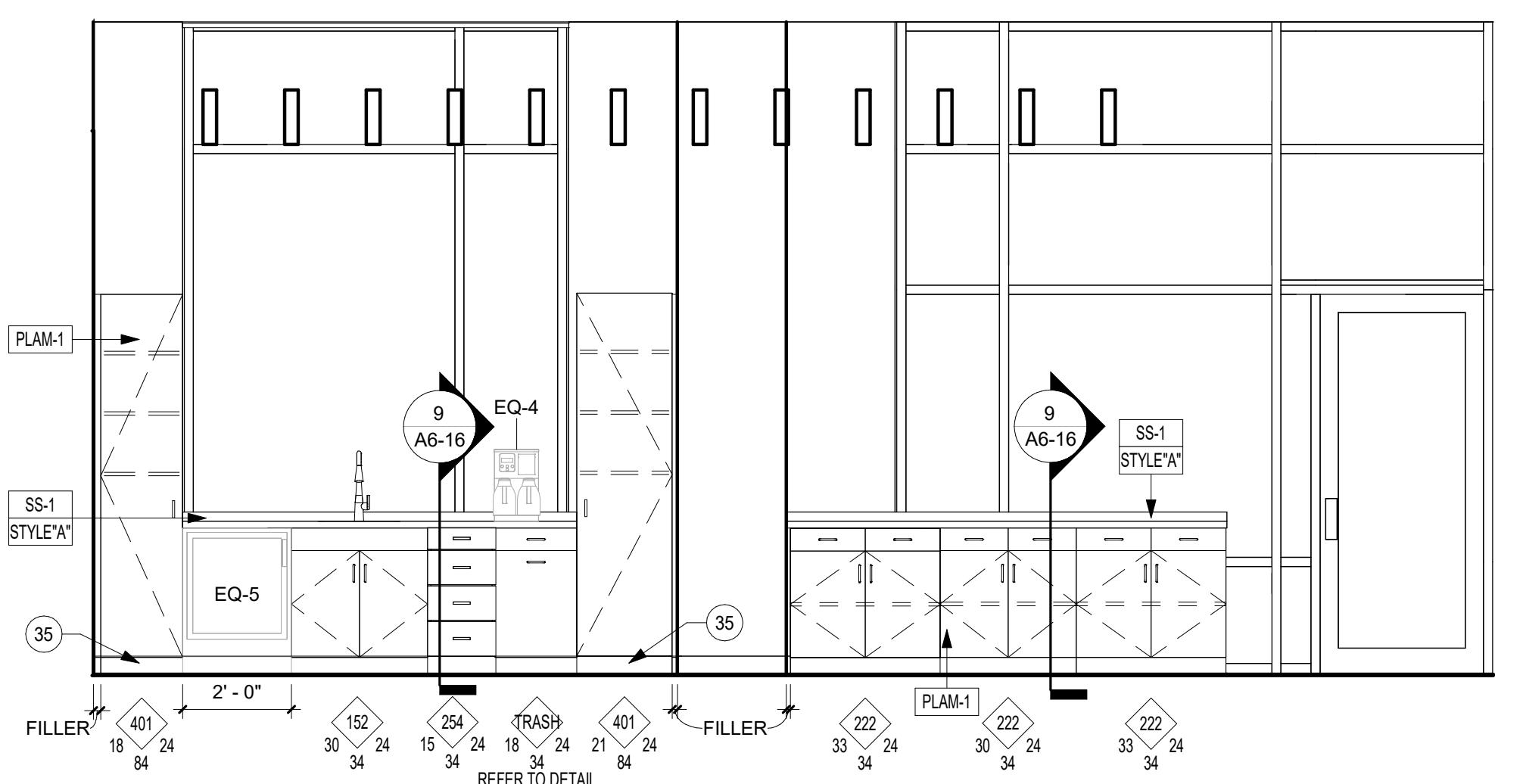
1 112 STORAGE - EAST
3/8" = 1'-0"



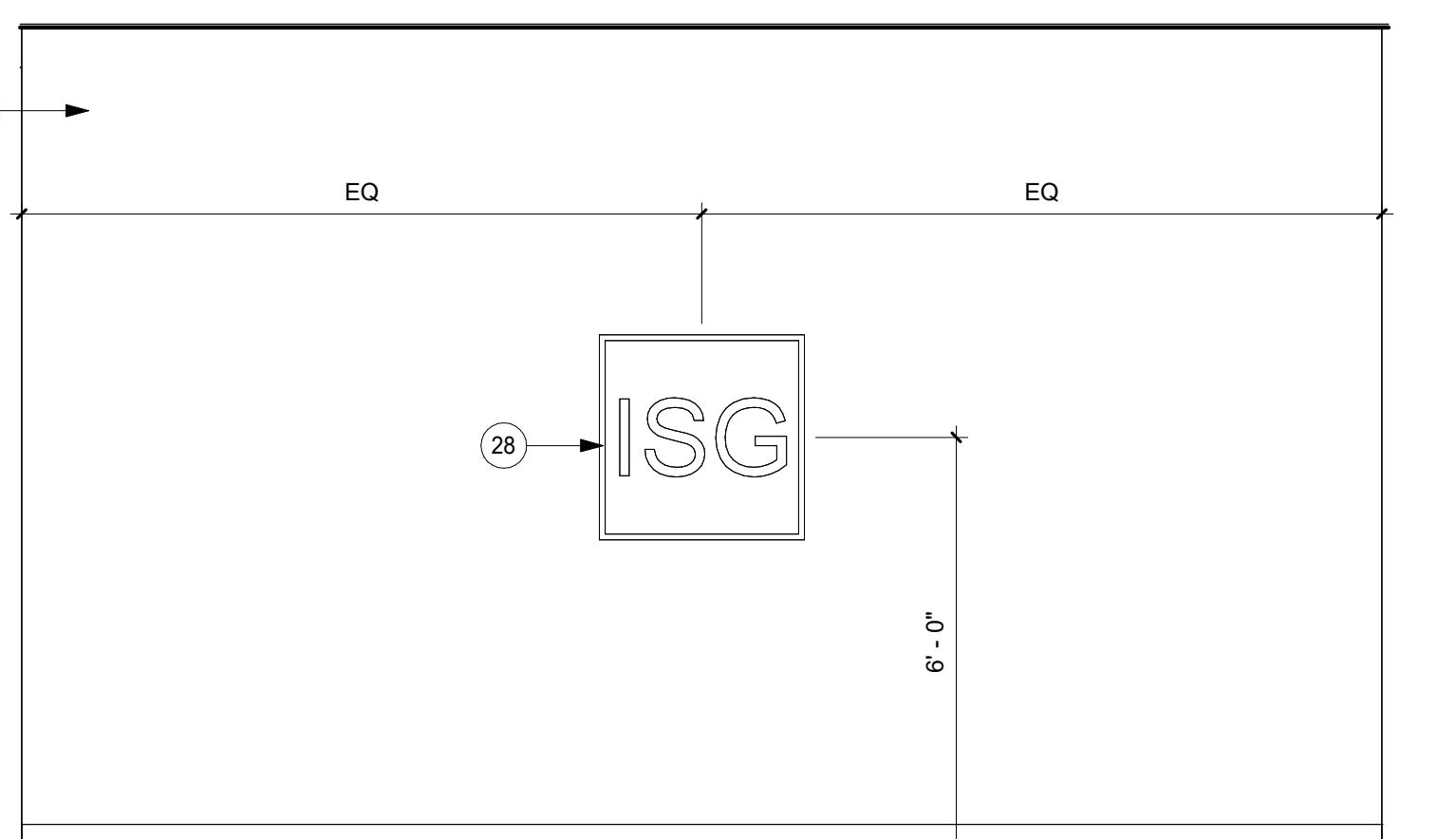
2 112 STORAGE - SOUTH
3/8" = 1'-0"



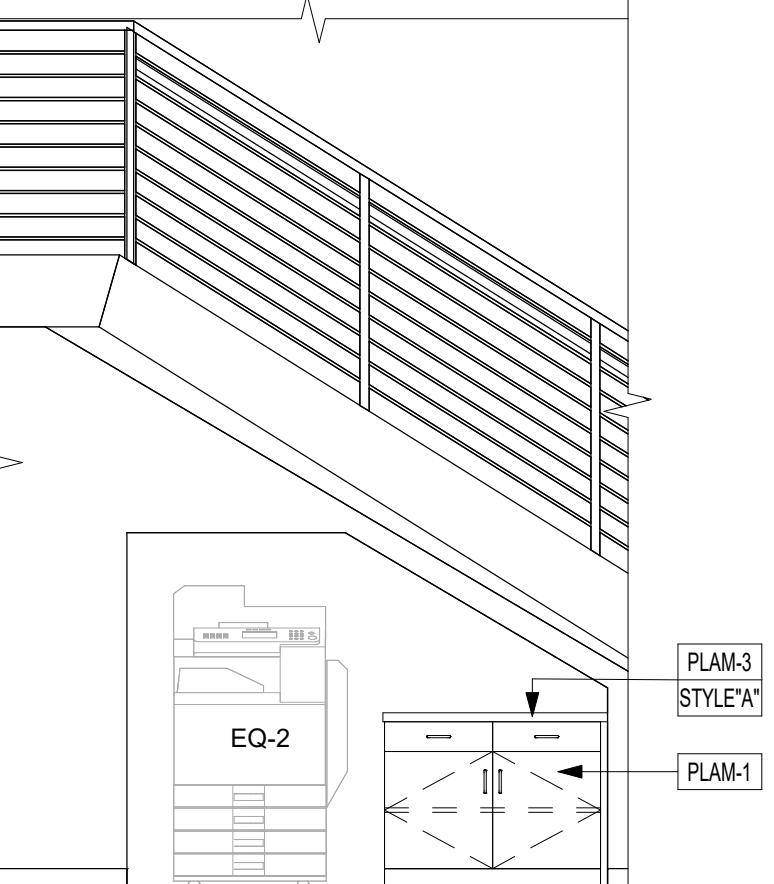
3 112 STORAGE - WEST
3/8" = 1'-0"



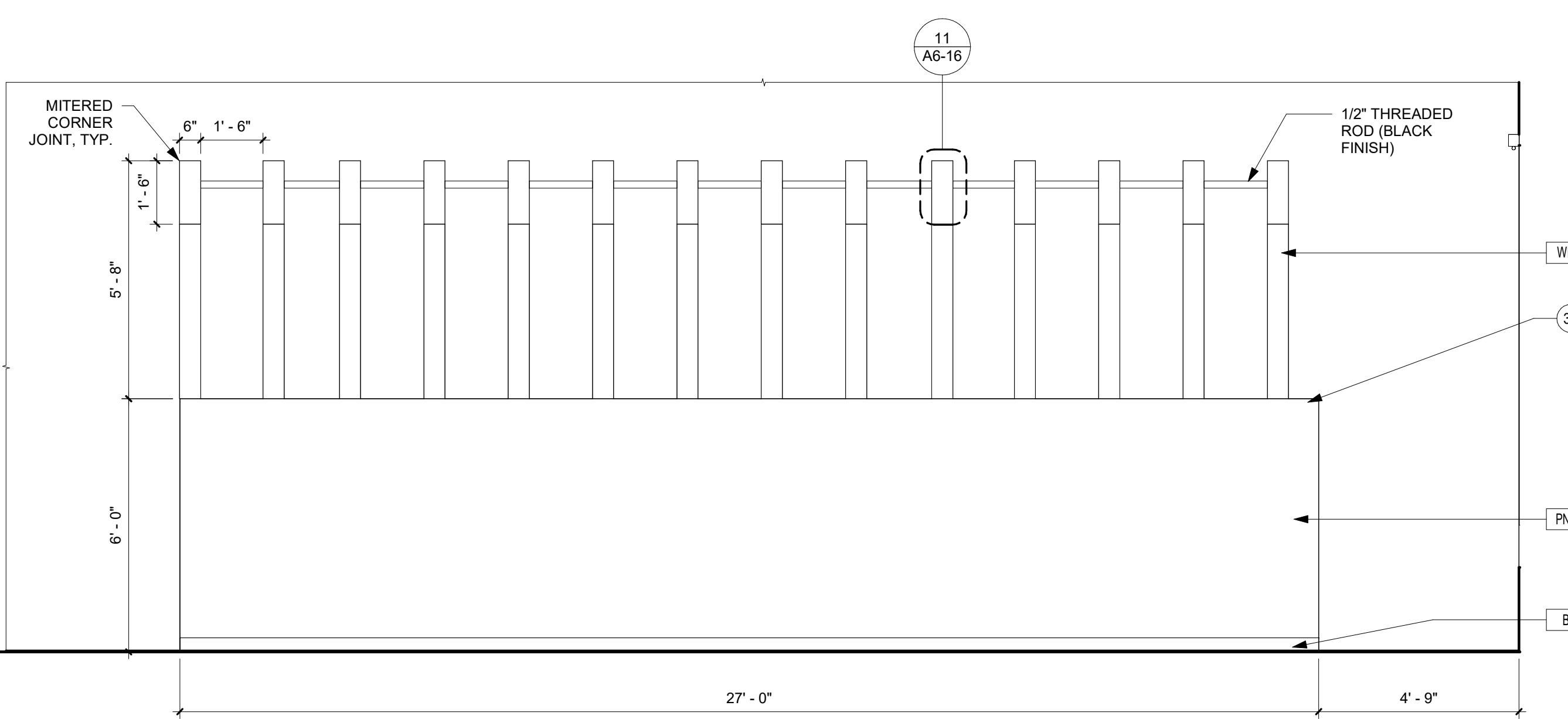
4 117 OPEN OFFICE COFFEE - EAST
3/8" = 1'-0"



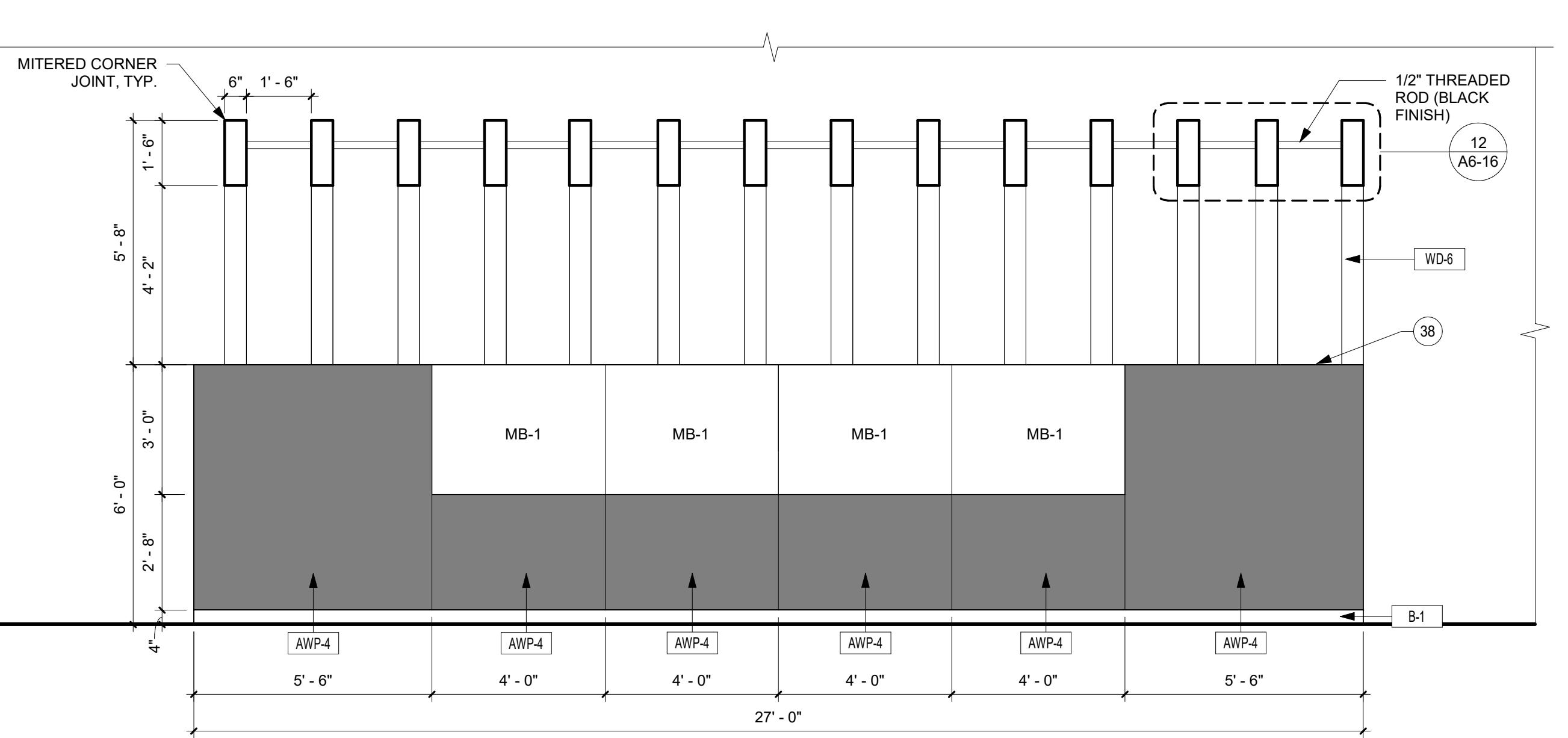
5 117 OPEN OFFICE FEATURE WALL - WEST
3/8" = 1'-0"



6 117 OPEN OFFICE PRINT STATION - WEST
3/8" = 1'-0"



7 117 OPEN OFFICE - PIN UP AREA - NORTH
3/8" = 1'-0"



8 117 OPEN OFFICE - PIN UP AREA - SOUTH
3/8" = 1'-0"

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PROJECT

**ISG RALEIGH
BUILD OUT**

RALEIGH NORTH CAROLINA

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PROJECT NO.	25-32986		
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CLIENT PROJECT NO.			

TITLE

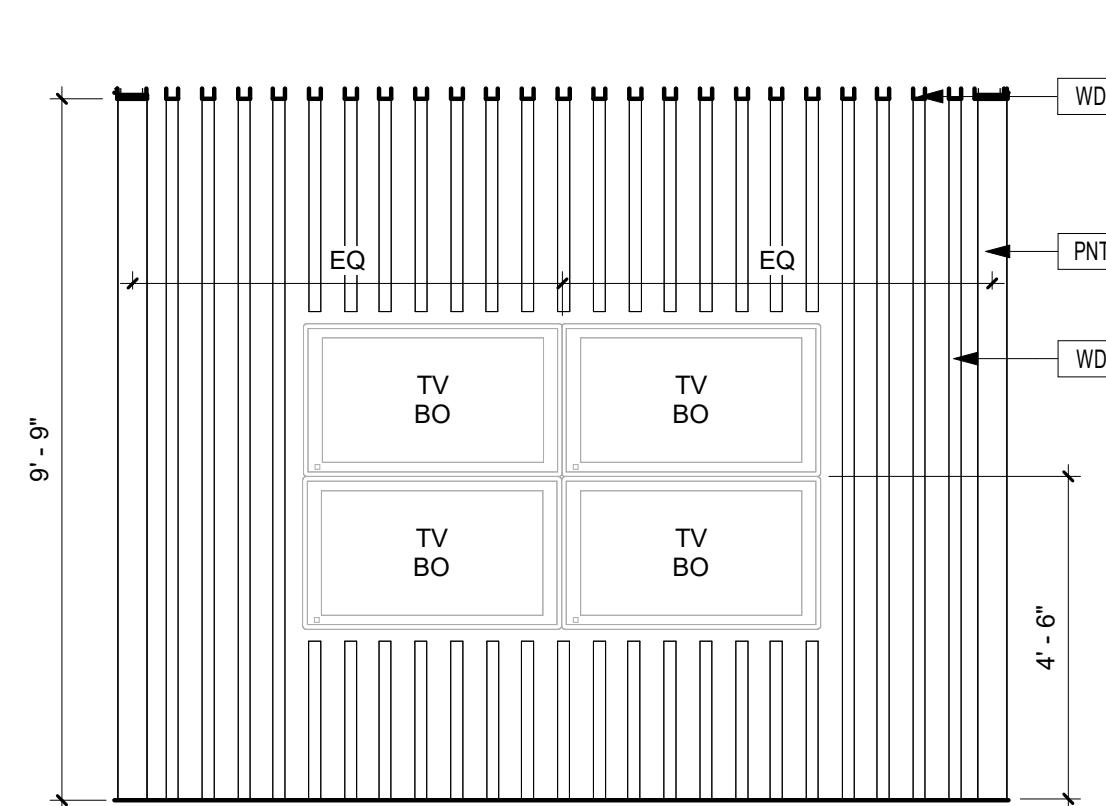
**INTERIOR
ELEVATIONS**

SHEET

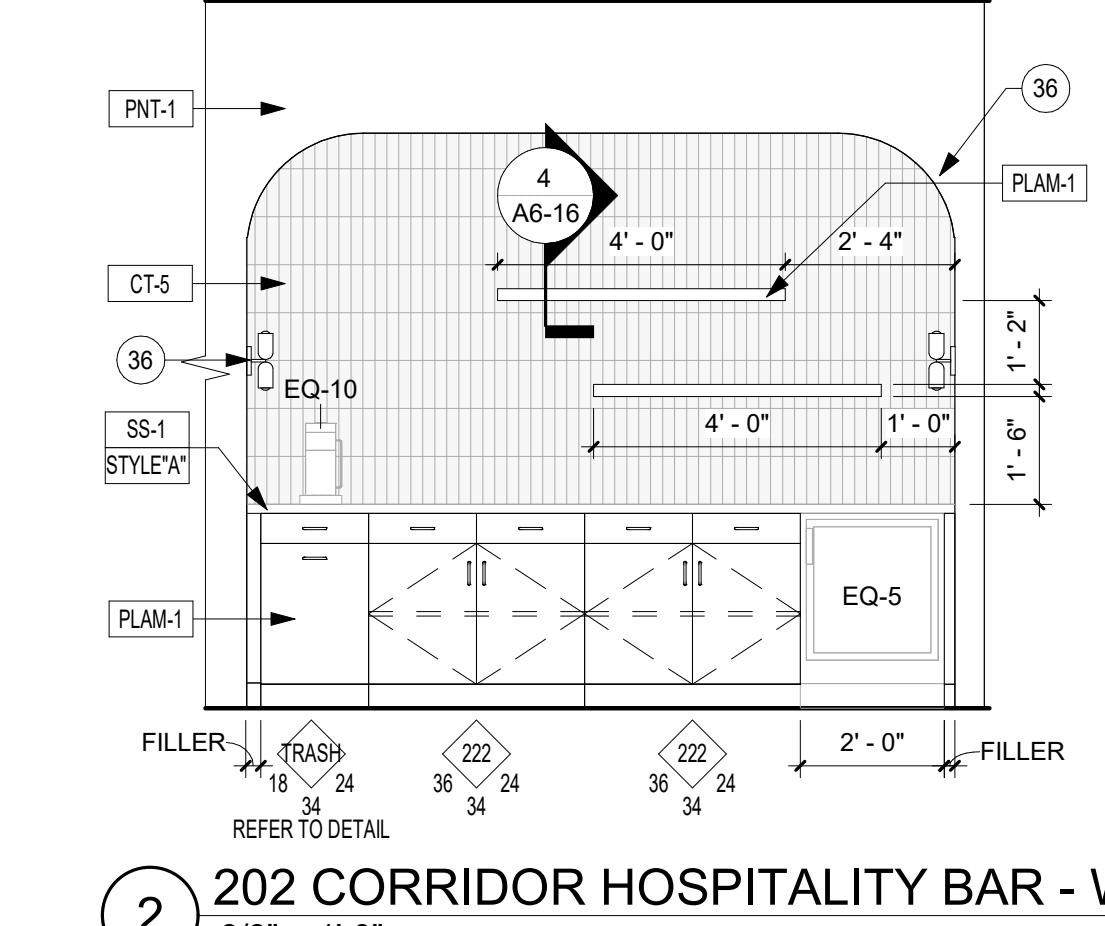
A6-13



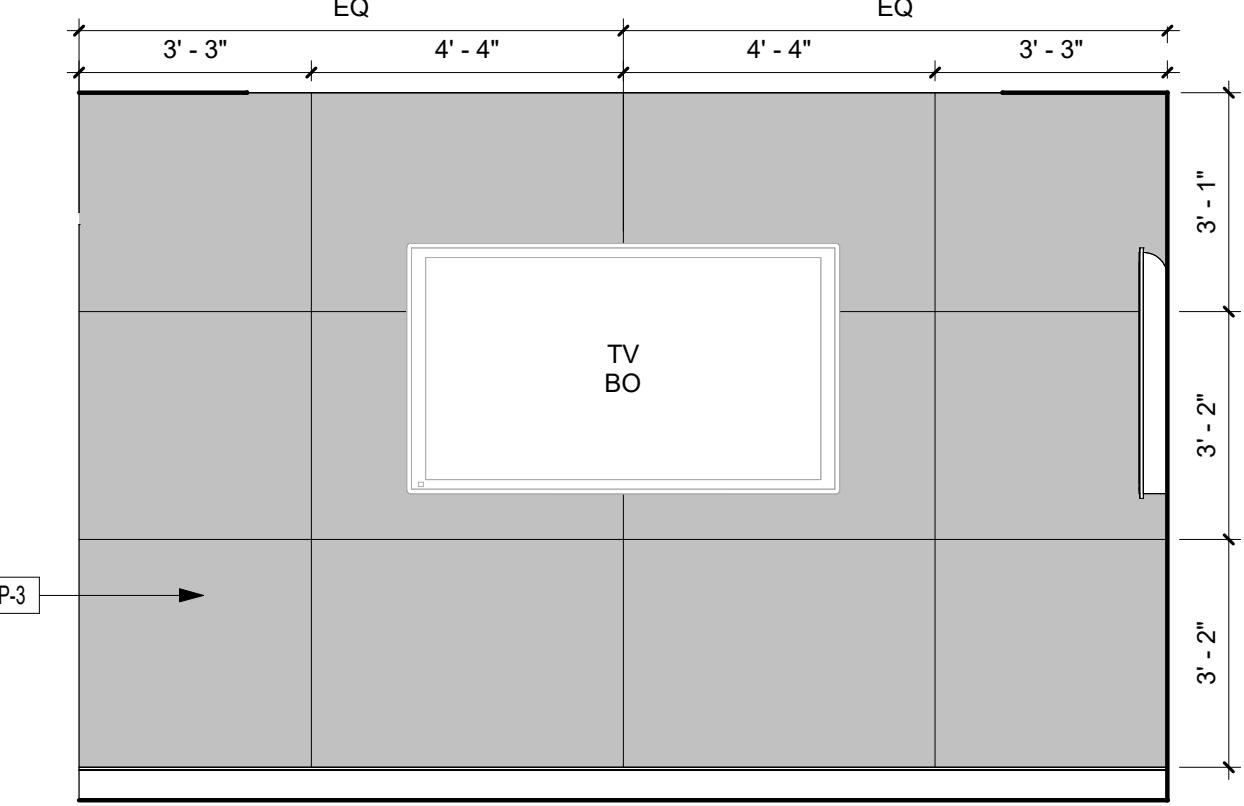
KEYNOTE LEGEND	
24	FULL HEIGHT END PANEL, 30" DEEP
30	FURNITURE BY OTHERS
32	VENTED CABINET FOR TECHNOLOGY EQUIPMENT
36	SCONCE LIGHT. REFER TO ELECTRICAL DRAWINGS.



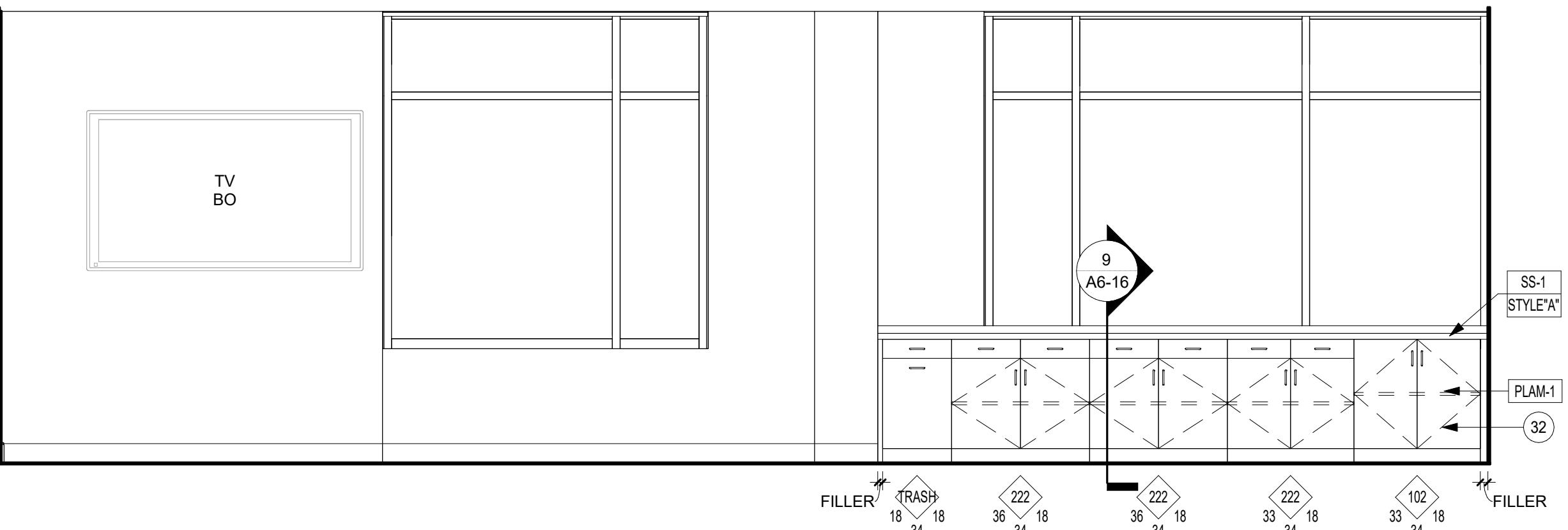
1 201 RECEPTION - SOUTH
3/8" = 1'-0"



2 202 CORRIDOR HOSPITALITY BAR - WEST
3/8" = 1'-0"

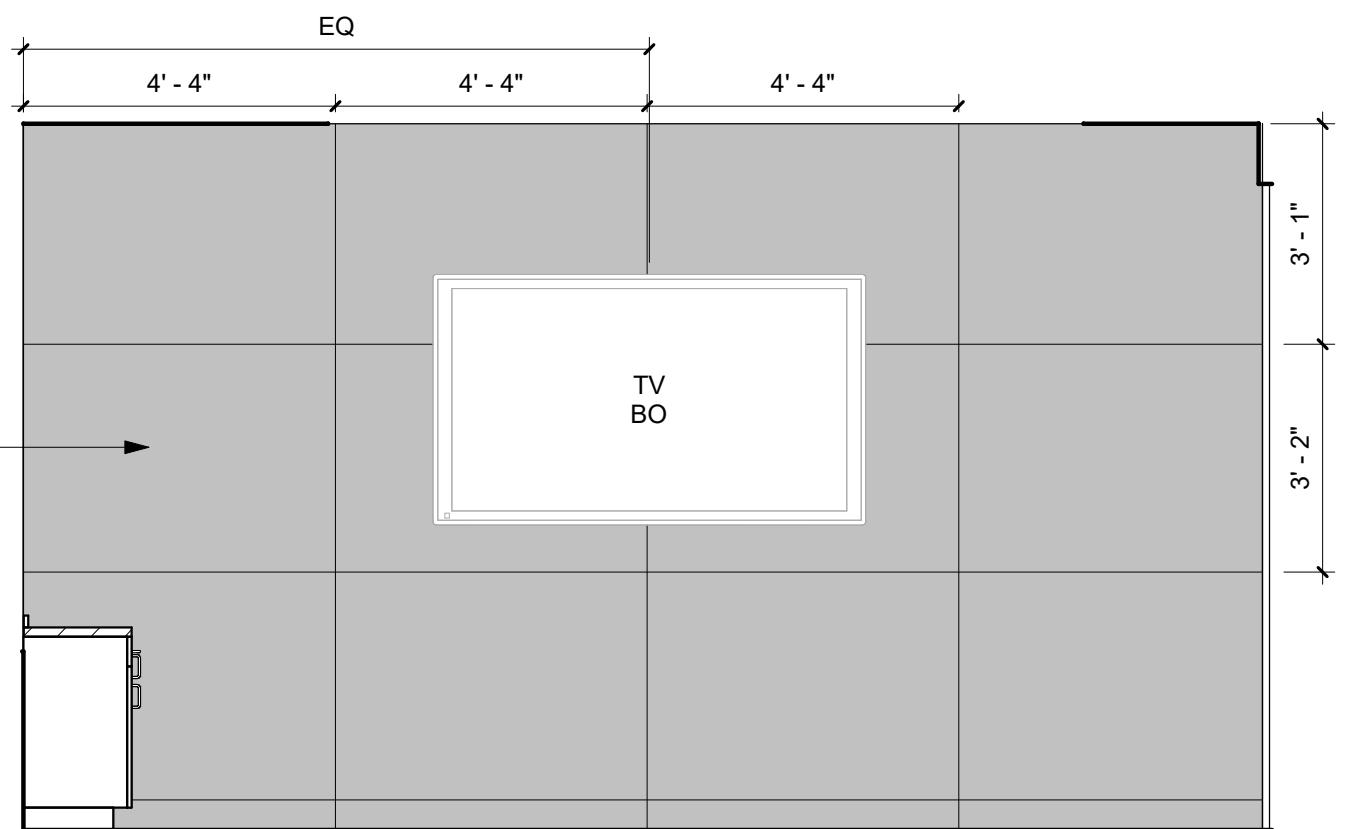


3 203 CONFERENCE - NORTH
3/8" = 1'-0"

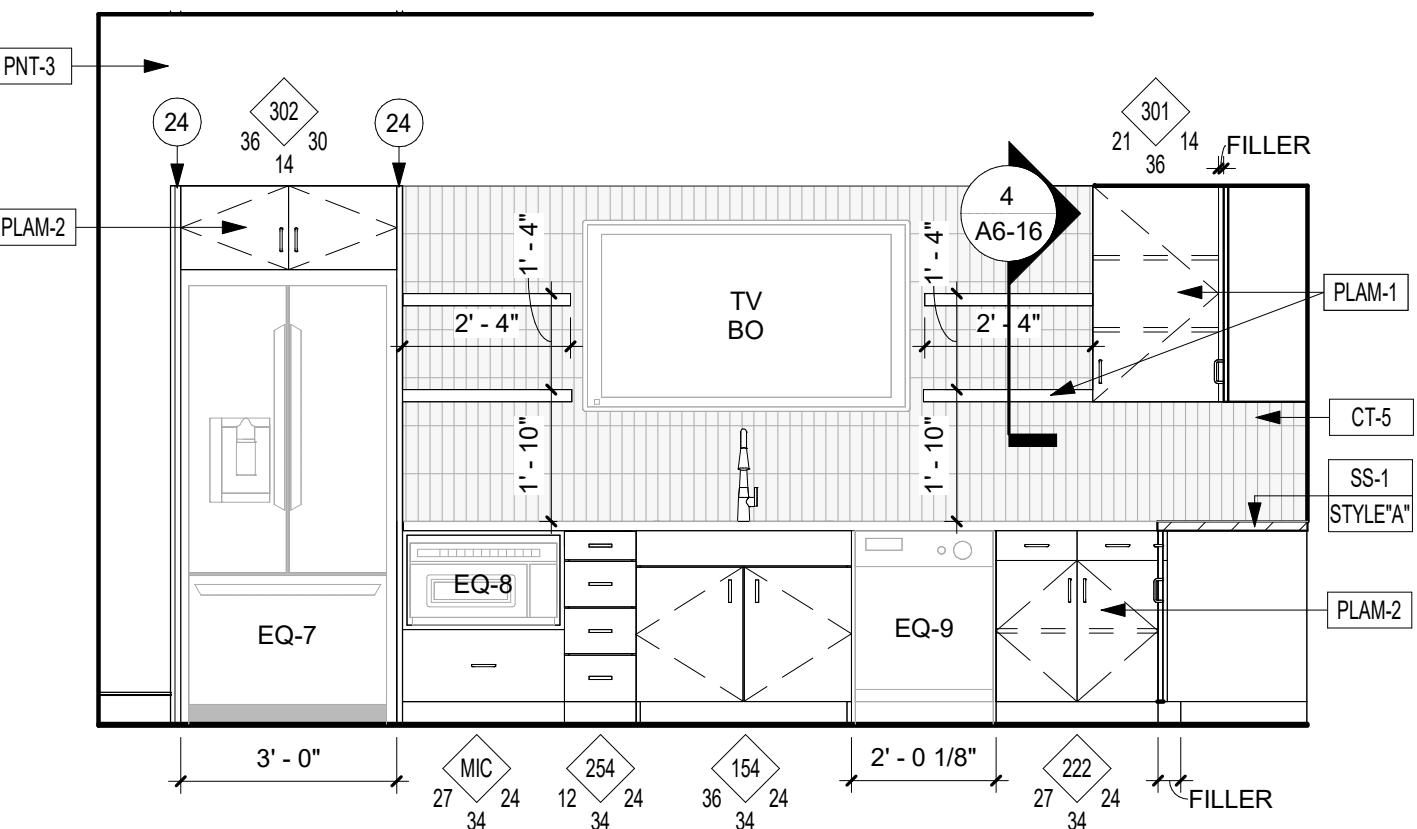


4 203/204 CONFERENCE - EAST
3/8" = 1'-0"

REFER TO DETAIL



5 204 CONFERENCE - SOUTH
3/8" = 1'-0"



6 205 CAFE - NORTH
3/8" = 1'-0"

ATTACHED TOE

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PROJECT

ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

REVISION SCHEDULE	DESCRIPTION	BY

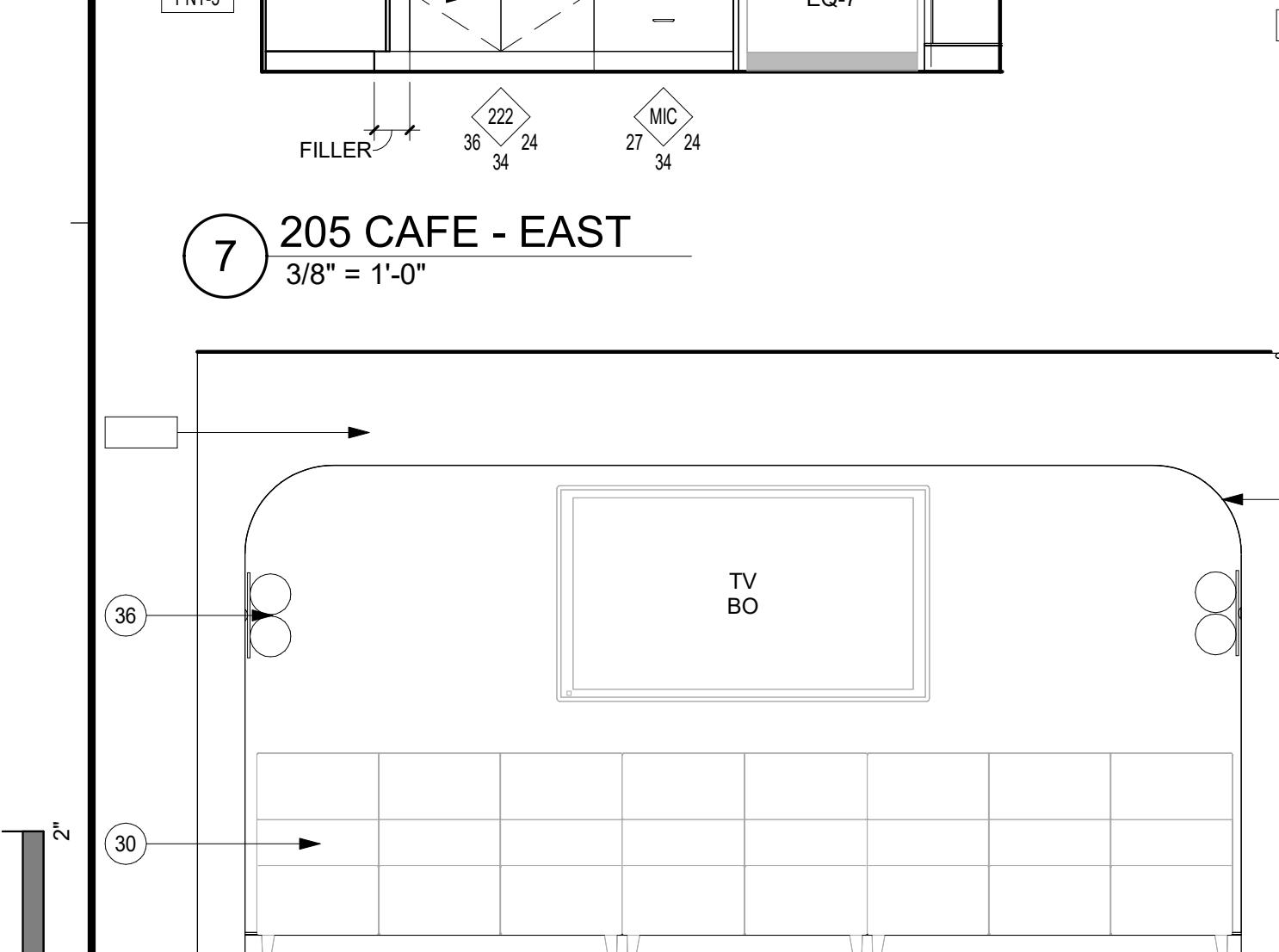
PROJECT NO. 25-32986
FILE NAME 32986 Arch R24
DRAWN BY CRR
DESIGNED BY CRR
REVIEWED BY AJW
ORIGINAL ISSUE DATE 11/07/2025
CLIENT PROJECT NO.

TITLE

INTERIOR ELEVATIONS

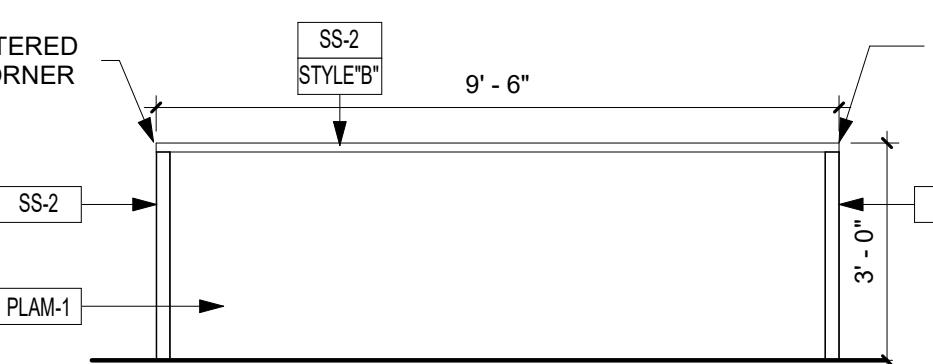
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A6-14

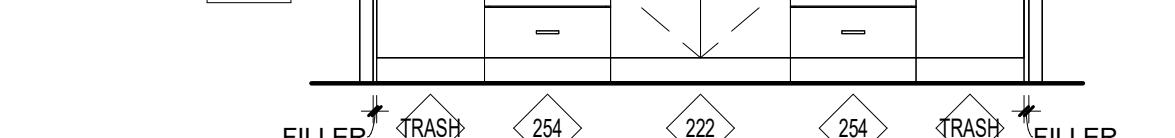


7 205 CAFE - EAST
3/8" = 1'-0"

MITERED CORNER

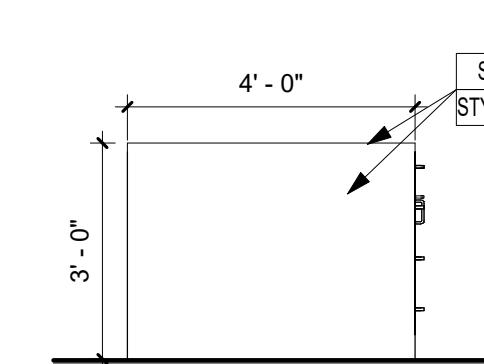


8 205 CAFE ISLAND BACK - NORTH
3/8" = 1'-0"

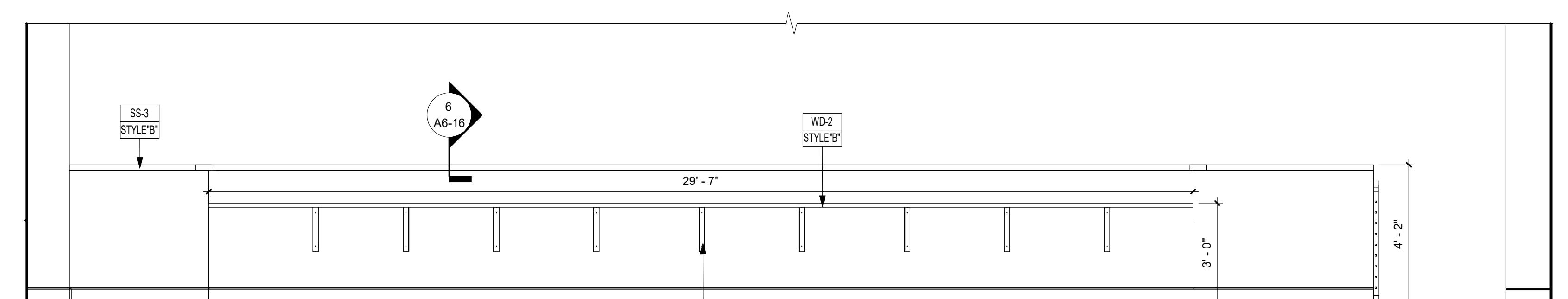


9 205 CAFE ISLAND FRONT - SOUTH
3/8" = 1'-0"

MITERED CORNER



10 205 CAFE ISLAND SIDE - WEST
3/8" = 1'-0"

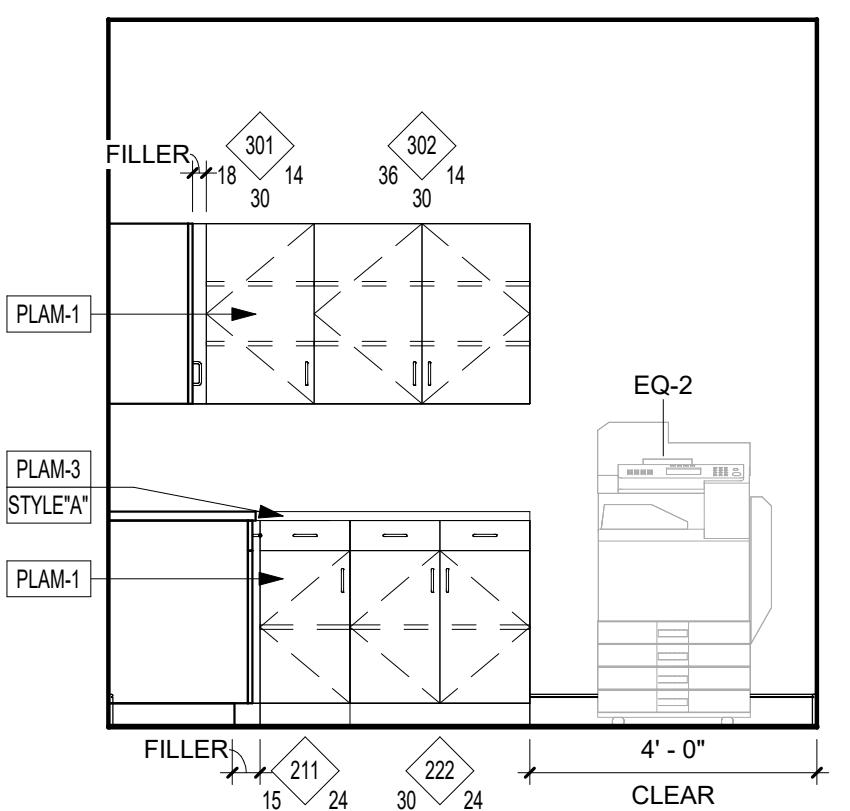


12 205 CAFE COUNTERTOP - SOUTH
3/8" = 1'-0"

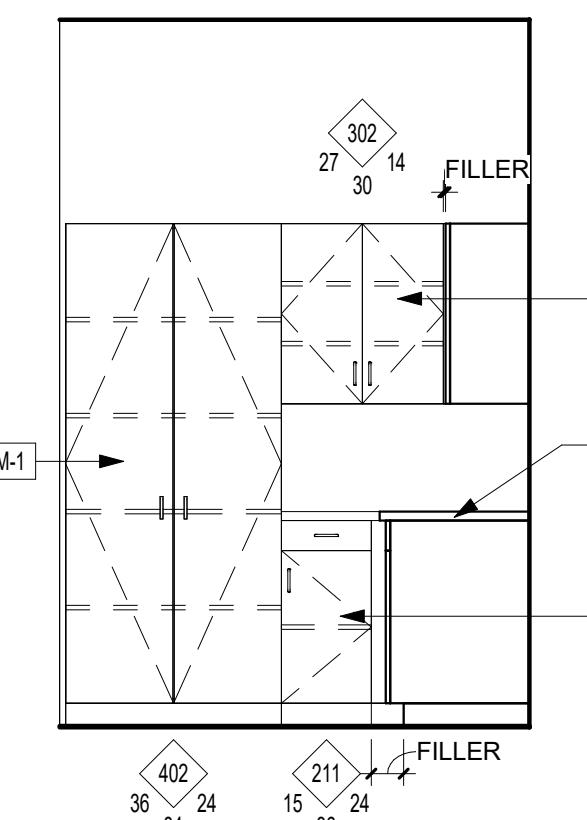
ISG

KEYNOTE LEGEND

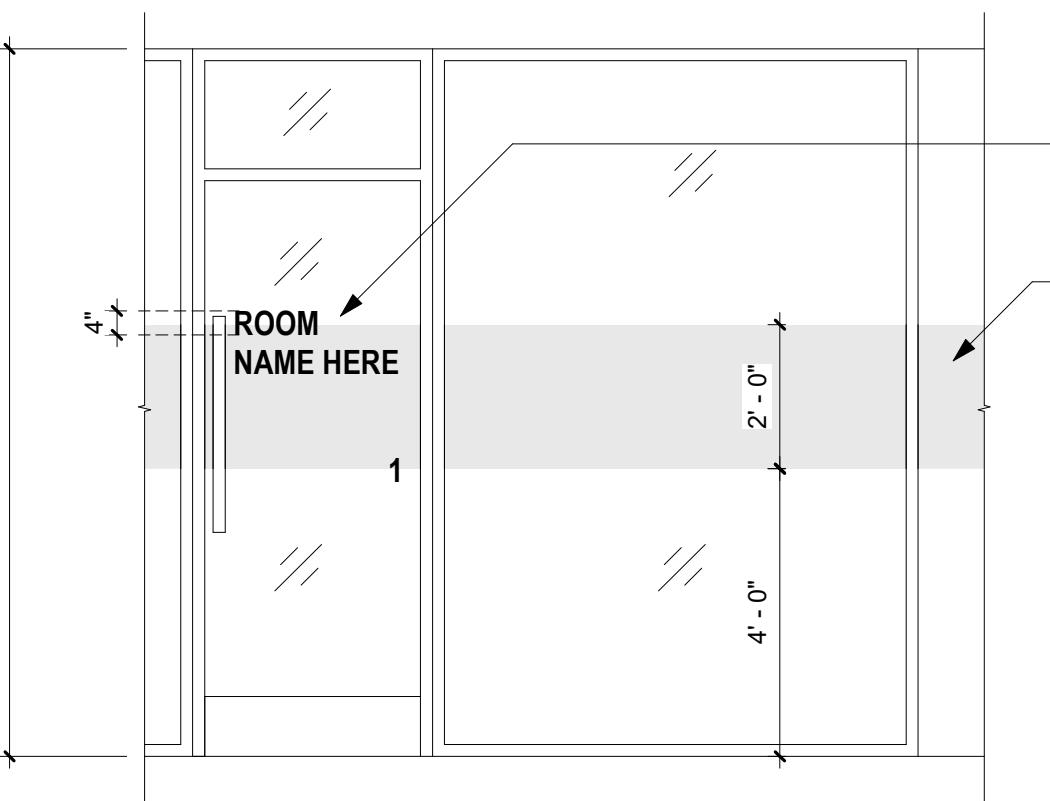
27 ELECTRIC HEIGHT ADJUSTABLE TABLE BY OTHERS



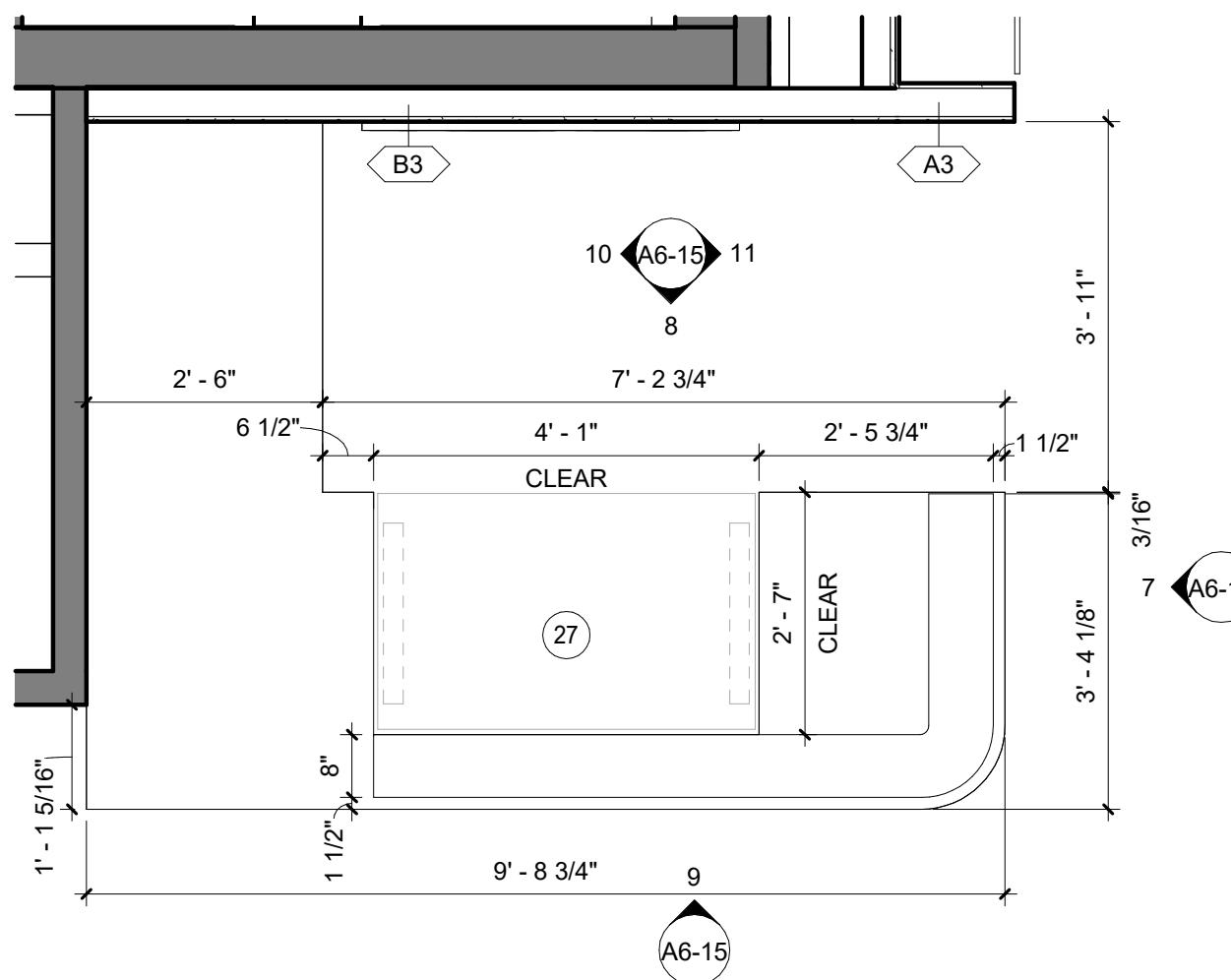
1 206 PRINT/SUPPLIES - EAST
3/8" = 1'-0"



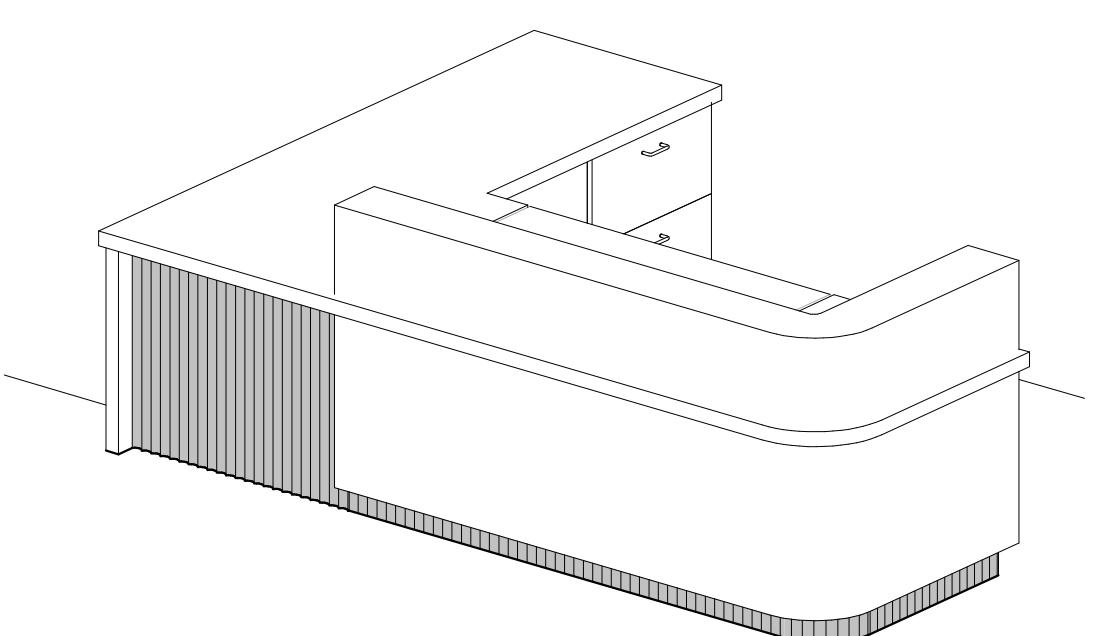
2 206 PRINT/SUPPLIES - NORTH
3/8" = 1'-0"



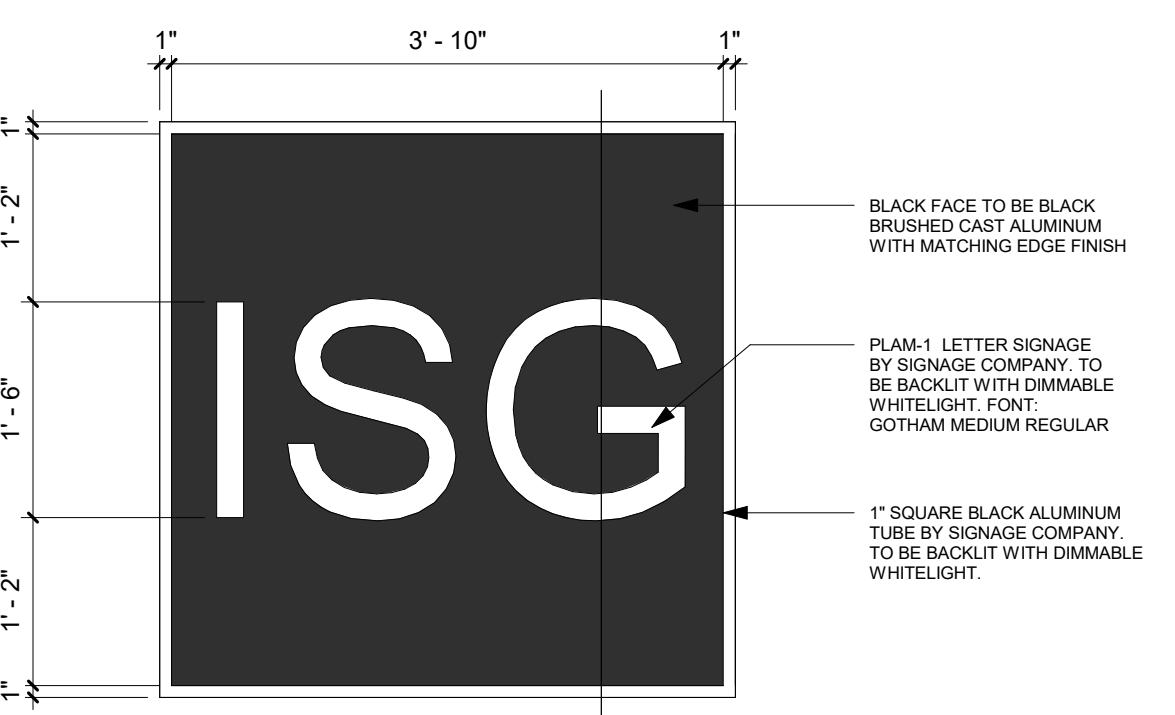
12 TYPICAL GLASS FRONT WINDOW FILM AT CONFERENCE/HUDDLE ROOMS
3/8" = 1'-0"



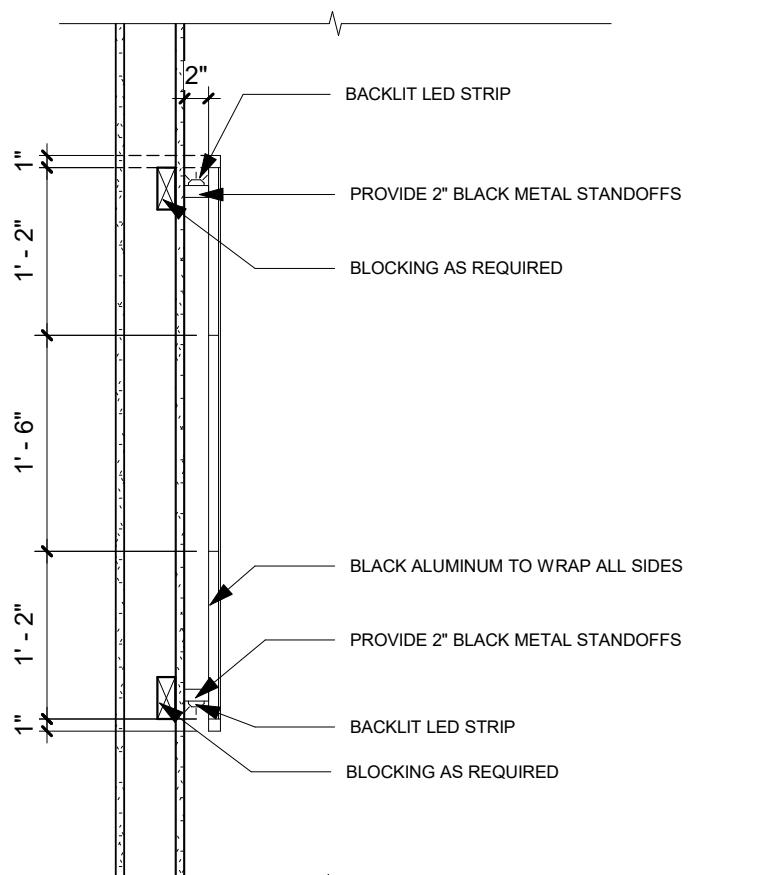
3 ENLARGED RECEPTION DESK
1/2" = 1'-0"



4 RECEPTION DESK - 3D VIEW



5 ISG LOGO DETAIL 1
3/4" = 1'-0"



6 ISG LOGO DETAIL 2
3/4" = 1'-0"

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PROJECT

ISG RALEIGH
BUILD OUT

RALEIGH NORTH CAROLINA

REVISION SCHEDULE	DATE	DESCRIPTION	BY

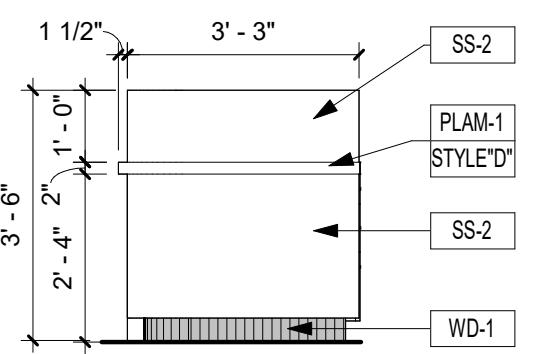
PROJECT NO. 25-32986
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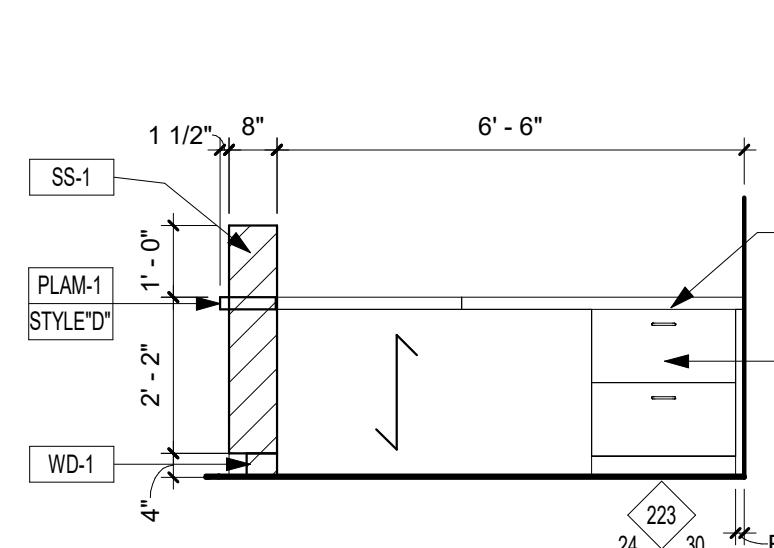
INTERIOR
ELEVATIONS

SHEET

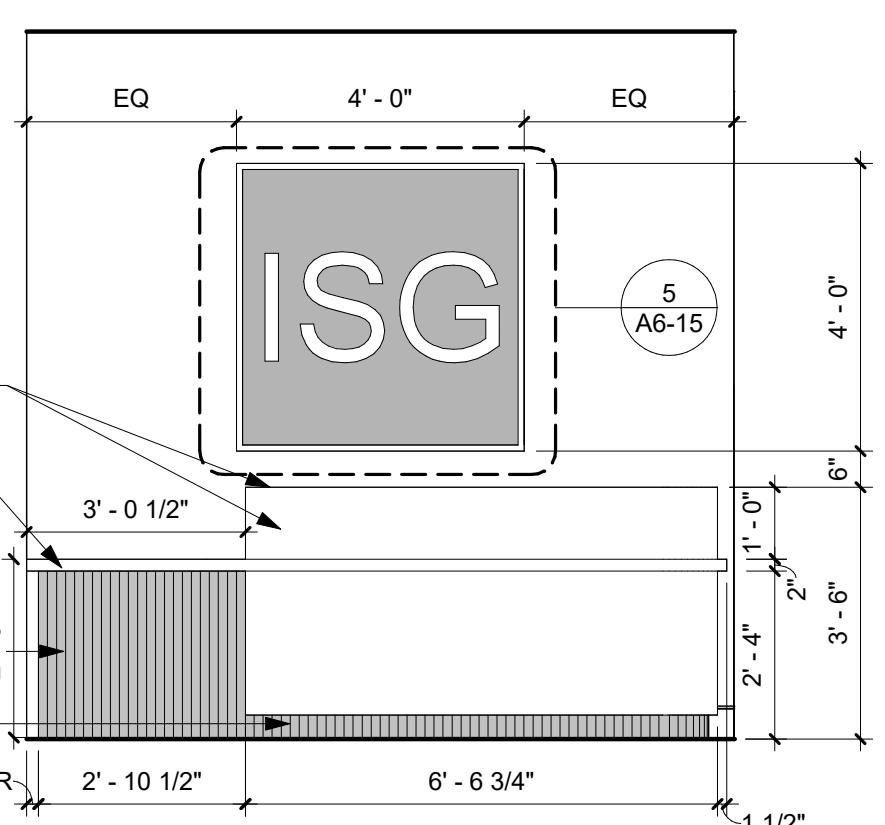
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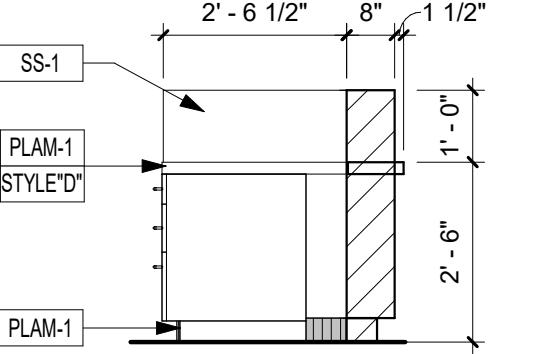
7 201 RECEPTION - NORTH 1
3/8" = 1'-0"



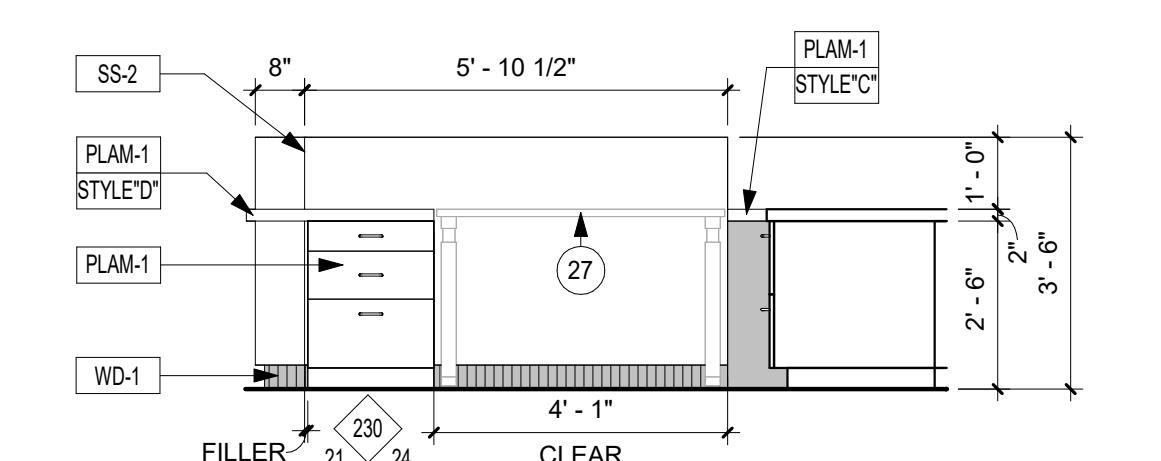
10 201 RECEPTION - NORTH 2
3/8" = 1'-0"



9 201 RECEPTION - EAST
3/8" = 1'-0"



11 201 RECEPTION - SOUTH 1
3/8" = 1'-0"



8 201 RECEPTION - WEST
3/8" = 1'-0"

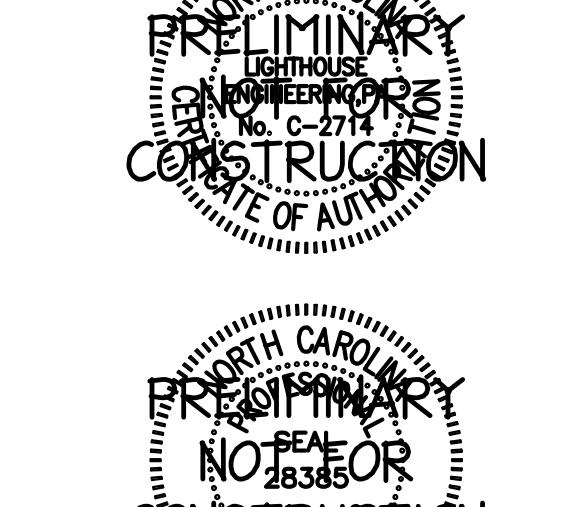
N

PLUMBING GENERAL NOTES	
1.	THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIAL AND EQUIPMENT IN STRICT ACCORDANCE WITH THE 2018 NORTH CAROLINA PLUMBING CODE AND ALL STATE AND LOCAL CODES, STANDARDS, AND PER MANUFACTURER'S DIRECTIONS.
2.	ALL PLUMBING FIXTURES AND PLUMBING SYSTEM EQUIPMENT SHALL BE PROVIDED COMPLETE WITH ALL ACCESSORIES, HANGERS, VALVES, STOPS, TAILPIECES, TRAPS, FAUCETS, STRAINERS, ETC. SEE FIXTURE SCHEDULE.
3.	FURNISH AND INSTALL COMPLETE SYSTEMS OF SOIL, WASTE, VENT, HOT AND COLD WATER PIPING FROM ALL PLUMBING FIXTURES, AND/OR OTHER EQUIPMENT.
4.	CLEANOUT PLUGS SHALL BE INSTALLED IN ACCORDANCE WITH PLUMBING CODE REQUIREMENTS. PROVIDE CLEANOUTS AT THE BASE OF ALL WASTE STACKS, AT EVERY FOUR 45 DEGREE TURNS, AND AT EVERY 100 FEET. CLEANOUTS SHALL BE PLACED IN READILY ACCESSIBLE LOCATIONS.
5.	ALL SOIL, WASTE, AND VENT LINES SHALL BE CONCEALED IN THE BUILDING CONSTRUCTION.
6.	COPPER PIPING SHALL BE PROTECTED AGAINST CONTACT WITH MASONRY OR DISIMILAR METALS. ALL HANGERS, SUPPORTS, ANCHORS, AND CLIPS SHALL BE COPPER OR COPPER PLATED. WHERE COPPER PIPING IS CARRIED ON IRON TRAPEZE HANGERS WITH OTHER PIPING, SATISFACTORY AND PERMANENT ELECTROLYTIC ISOLATION MATERIAL SHALL PROTECT THE COPPER AGAINST CONTACT WITH OTHER METALS.
7.	WHERE COPPER PIPING IS SLEEVED THROUGH MASONRY, SLEEVES SHALL BE COPPER OR RED BRASS. WHERE COPPER MUST BE CONCEALED IN A MASONRY PARTITION OR AGAINST MASONRY, CONTACT SHALL BE PREVENTED BY COATING THE COPPER HEAVILY WITH ASPHALTIC ENAMEL AND PROVIDING 15# ASPHALT SATURATED FELT BETWEEN THE PIPE AND MASONRY.
8.	THE PLUMBING CONTRACTOR SHALL COORDINATE CLOSELY WITH THE MECHANICAL AND THE ELECTRICAL CONTRACTORS TO AVOID CONFLICT WITH OTHER TRADES.
9.	CEILING AREA HAS LIMITED SPACE. CONTRACTOR MUST COORDINATE WITH OTHER TRADES FOR ALL STRUCTURES, PIPING, CONDUIT, DUCTWORK, LIGHTING, ETC. TO PROPERLY BE INSTALLED.
10.	ALL PIPE INSULATION SHALL RUN CONTINUOUSLY THROUGH FLOORS, WALLS, AND PARTITIONS.
11.	PROVIDE DRAIN VALVES IN THE HOT AND COLD WATER SYSTEM AT ALL LOW POINTS TO ALLOW FOR COMPLETE DRAINAGE. PROVIDE SHUT-OFF VALVES AT THE BASE OF ALL STACKS.
12.	PROVIDE BALL VALVES IN ALL BRANCH LINES OF THE HOT AND COLD WATER DISTRIBUTION SYSTEM ON $\frac{1}{2}$ " AND LARGER CW & HW AND AS SHOWN ON PLANS, RISERS, AND SCHEMATIC DETAILS. PROVIDE SHUT-OFF VALVES ON THE FIXTURE SUPPLY TO EACH PLUMBING FIXTURE, APPLIANCE, OR MECHANICAL EQUIPMENT.
13.	VACUUM BREAKERS SHALL BE PROVIDED FOR ALL FIXTURES TO WHICH HOSES MAY BE ATTACHED. VACUUM BREAKERS SHALL BE PERMANENTLY ATTACHED.
14.	WASTE AND VENT PIPING SHALL BE AS FOLLOWS: BELOW SLAB: PVC PIPE, PVC SOCKET FITTINGS, AND SOLVENT-CEMENTED FITTINGS. ABOVE SLAB: PVC PIPE, PVC SOCKET FITTINGS, AND SOLVENT-CEMENTED FITTINGS.
15.	DOMESTIC WATER PIPING ABOVE SLAB SHALL BE TYPE 'L' COPPER. DOMESTIC WATER PIPING BELOW SLAB SHALL BE TYPE 'K' COPPER. INSULATION IS REQUIRED ON ALL WATER SUPPLY PIPING ABOVE FINISHED FLOOR. INSULATION TO HAVE A MINIMUM R FACTOR OF 6.5 OR PER LOCAL JURISDICTION.
16.	EXPOSED LAVATORY DRAINS AND HOT WATER LINES MUST BE INSULATED AND COVERED PER ADA REQUIREMENTS.
17.	ALL PLUMBING VENT LOCATIONS TO BE VERIFIED WITH ARCHITECT BEFORE INSTALLATION.
18.	ALL PLUMBING LINES REQUIRED TO BE JETTED PRIOR TO TURNOVER.
19.	PIPING SHOULD BE COORDINATED WITH ALL STRUCTURAL FOOTINGS AND FOUNDATIONS. PIPE SHOULD BE OFFSET TO AVOID CONTACT WITH FOOTINGS AND FOUNDATION WALLS. IF PIPING MUST RUN UNDERNEATH A FOOTING OR THROUGH A FOUNDATION WALL, THE PIPE MUST BE INSTALLED WITH A RELIEVING ARCH OR IN A PIPE SLEEVE.
20.	INVERT ELEVATIONS SHALL BE ESTABLISHED AND VERIFIED BEFORE WASTE PIPING IS INSTALLED SO THAT PROPER SLOPES WILL BE MAINTAINED.
21.	THE PLUMBING CONTRACTOR SHALL PROVIDE WATER HAMMER PROTECTION ON ALL WATER DISTRIBUTION PIPING. INSTALLATION OF AIR CHAMBERS OR SHOCK ARRESTORS SHALL BE IN ACCORDANCE WITH PDI-WH201. SEE SHOCK ARRESTOR SCHEDULE (IF PROVIDED).
22.	REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS OF PLUMBING FIXTURES.
23.	PROVIDE ACCESS DOORS FOR ALL VALVES AND DEVICES REQUIRING ACCESS WHEN LOCATED IN WALLS OR ABOVE INACCESSIBLE CEILING CONSTRUCTION. ACCESS DOORS TO BE RATED WHERE INSTALLED IN RATED ASSEMBLIES.
24.	PROVIDE DEEP SEAL TRAPS FOR ALL FLOOR DRAINS.
25.	WHERE EARTHQUAKE LOADS ARE APPLICABLE IN ACCORDANCE WITH THE NC INTERNATIONAL PLUMBING CODE, PIPING AND EQUIPMENT SUPPORTS SHALL BE DESIGNED AND INSTALLED FOR THE SEISMIC FORCES IN ACCORDANCE WITH THE NC BUILDING CODE.
26.	PROVIDE A U.L. LISTED ASSEMBLY FOR ALL PENETRATIONS THRU FIRE RATED WALLS AND FLOORS.
27.	PROVIDE PRESSURE REDUCING VALVE IF PRESSURE EXCEEDS 80 PSI.

PLUMBING LEGEND	
—	DOMESTIC COLD WATER PIPING
—	DOMESTIC COLD WATER PIPING (UNDERSLAB)
—	DOMESTIC HOT WATER PIPING
—	VENT PIPING
—	WASTE (SANITARY SEWER)
— G —	GAS PIPING
—	EXISTING PIPING
— H —	BALL VALVE
— L —	INLINE BFP(WATTS SD-3 OR EQUAL.)
— O —	PIPE UP
— D —	PIPE DOWN
— F —	FLOOR DRAIN
— C —	CONNECT TO EXISTING
AAV	AIR ADMITTANCE VALVE
ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
CW	COLD WATER
DN	DOWN
E.C.	ELECTRICAL SUB-CONTRACTOR
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FR	FROM
FS	FLOOR SINK
G.C.	GENERAL CONTRACTOR
HB	HOSE BIBB
HD	HUB DRAIN
HW	HOT WATER
M.C.	MECHANICAL SUB-CONTRACTOR
P.C.	PLUMBING SUB-CONTRACTOR
V	VENT
W	WASTE

PLUMBING FIXTURE SPECIFICATIONS AND CONNECTION SCHEDULE																			
MARK	Fixture	Type	Manufacturer	Model No.	Material	Style	FAUCET/VALVE			DRAIN		SUPPLIES AND STOPS	PIPE SIZES			Mounting	Remarks		
							Manufact. Model No.	Spout	Handles	Centers	Type	Size	Waste	Vent	CW	HW			
P-1	WATER CLOSET	FLUSH VALVE	AMERICAN STANDARD	3043.102	VITREOUS CHINA	ADA ELONGATED	SLOAN ROYAL III	-	-	-	-	-	3"	2"	1½"	-	FLOOR	PROVIDE WITH OPEN FRONT SEAT WITH NO LID	
P-2	LAVATORY	SINGLE COMPT'	OWNER PROVIDED	UNDERMOUNT	VITREOUS CHINA	ADA COMPLIANT	ZURN Z6950	CENTERSET	-	4"	GRID	1½"	McGUIRE 175	2"	1½"	½"	½"	WALL HUNG	Mount at ADA Height METERING FAUCET, .5 GPM
P-3	KITCHEN SINK	SINGLE COMPT'	DAYTON	GEI25214	STAINLESS STEEL	5¾" DEEP 3-HOLE HANDICAPPED	CFG 47513B	8" SWING	SINGLE LEVER	8"	CRUMB CUP	1½"	McGUIRE 165	1½"	1½"	½"	½"	COUNTER TOP	PROVIDE WITH ELKAY LK-35 IN-SINK-ERATOR BADGER 1 DISPOSAL 1/3HP, 120V
P-4	REFRIGERATOR BOX	BOTTOM SUPPLY	SPECIALTY PRODUCTS	OB-807	PVC	RECESSED BOX	OBFS-8020	FIRE-RESISTANT	-	-	-	-	-	-	-	½"	-	WALL	SHUT-OFF VALVE & THREADED CW CONNECTION. PROVIDE F.R. MODEL WHEN IN RATED WALL.
P-5	BAR SINK	SINGLE COMPT'	ELKAY	LRAD-2522	STAINLESS STEEL	6½" DEEP 3-HOLE HANDICAPPED	ELKAY LK-230-BH-5	8" SWING	TWO HANDLE	8"	CRUMB CUP	1½"	McGUIRE 175	2"	1½"	½"	½"	COUNTER TOP	
P-6	LAVATORY	SINGLE COMPT'	OWNER PROVIDED	UNDERMOUNT	VITREOUS CHINA	ADA COMPLIANT	ZURN Z6950	CENTERSET	-	4"	GRID	1½"	McGUIRE 175	2"	1½"	½"	½"	WALL HUNG	Mount at ADA Height METERING FAUCET, .5 GPM
WCO	WALL CLEAN-OUT	ROUND COVER	J.R. SMITH	4472	CAST IRON	S.S. COVER	-	-	-	-	-	-	-	-	-	-	-	WALL	

NOTES:
1. CATALOG NUMBERS AND MANUFACTURERS ARE TO INDICATE TYPE AND QUALITY OF FIXTURE DESIRED. SUBMIT CUTSHEETS OF THESE AND ALTERNATE MANUFACTURERS FOR ARCHITECT AND OWNER APPROVAL PRIOR TO PURCHASE OF ANY FIXTURES. INFORMATION ON ALTERNATE FIXTURES PROPOSED BY THE CONTRACTOR SHALL INCLUDE THE ADD/DEDUCT ASSOCIATED WITH ACCEPTANCE OF THAT FIXTURE (OR THE ALTERNATE PACKAGE AS A WHOLE).



ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

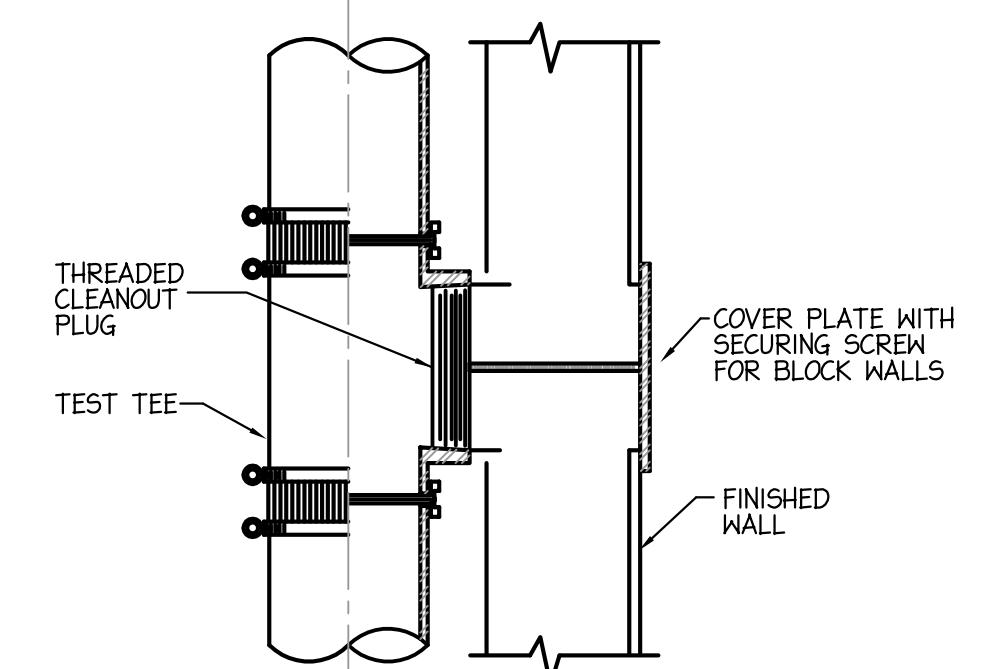
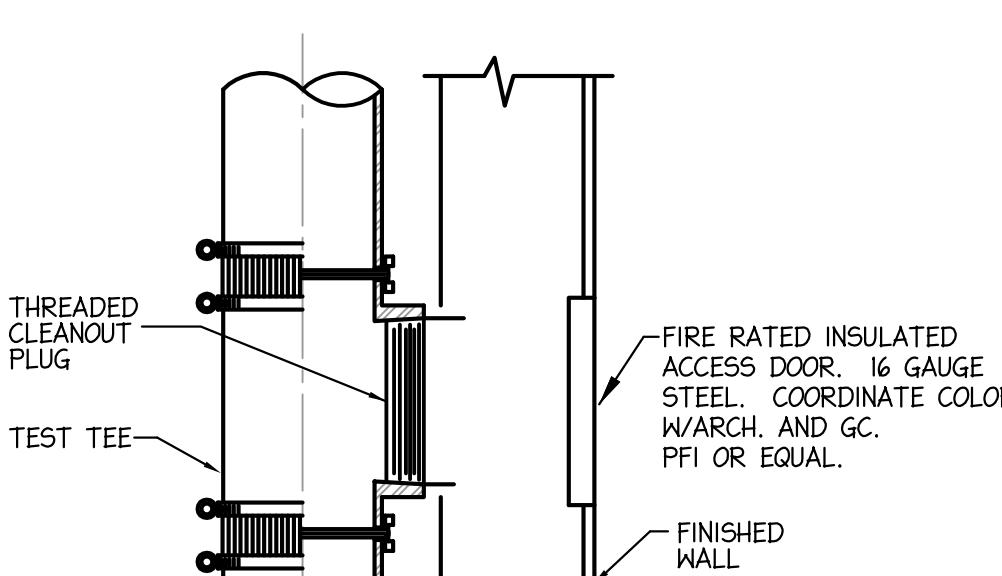
PROJECT NO. ISG-2504
FILE NAME
DRAWN BY PWI
DESIGNED BY PWI
REVIEWED BY SAB
ORIGINAL ISSUE DATE 11/07/25
CLIENT PROJECT NO. 25-32986

PLUMBING DETAILS, LEGEND, NOTES, AND SCHEDULES

SHEET
PO-01

#	Title
P0-01	PLUMBING DETAILS, LEGEND, NOTES, AND SCHEDULES
P1-01A	PLUMBING PLANS - FIRST FLOOR
P1-01B	PLUMBING PLANS - FIRST FLOOR
P1-02A	PLUMBING PLANS - SECOND FLOOR

1 WALL CLEANOUT DETAIL (WCO)
NO SCALE



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ISG



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PROJECT

ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

DATE	DESCRIPTION	BY

PROJECT NO. ISG-2504

FILE NAME

DRAWN BY PWI

DESIGNED BY PWI

REVIEWED BY SAB

ORIGINAL ISSUE DATE 11/07/25

CLIENT PROJECT NO. 25-32986

TITLE

PLUMBING PLANS - FIRST FLOOR

SHEET

P1-01A

MECHANICAL NEW PLAN GENERAL NOTES:
1. EXISTING EQUIPMENT, GRILLES, DUCT ARE SHOWN
FAINT AND DASHED, AND RELOCATED ITEMS ARE
SHOWN **BOLD** IN NEW LOCATION.

12.3

1 FIRST FLOOR
1/4" = 1'-0"

MATCHLINE

MATCHLINE

EXISTING PLUMBING
FIXTURES AND PIPING IN
THIS AREA TO REMAIN.

PRIVACY

111

STORAGE

112

HUDDLE

109

HUDDLE

110

OPEN OFFICE

117

WATTS SD-3 BACKFLOW
FOR COFFEE MAKER

1/2" CW TO FIXTURE ABOVE

3/4" CW TO FIXTURE ABOVE

3/4" CW & HW TO FIXTURE ABOVE

1/2" HW TO FIXTURE ABOVE

1/2" CW TO FIXTURE ABOVE

CONNECT NEW 1/2" CW &
HW TO EXISTING 1/2" PIPING

3/4" CW TO FIXTURE ABOVE

3/4" CW & HW TO EXISTING
1/2" PIPING

1/2" HW TO FIXTURE ABOVE

3" CW TO FIXTURE ABOVE

CONNECT NEW 3" W
TO EXISTING 3" PIPING

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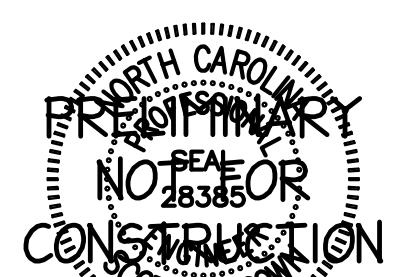
3"

3"

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PROJECT

ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

DATE	DESCRIPTION	BY

PROJECT NO. ISG-2504

FILE NAME

DRAWN BY PWI

DESIGNED BY PWI

REVIEWED BY SAB

ORIGINAL ISSUE DATE 11/07/25

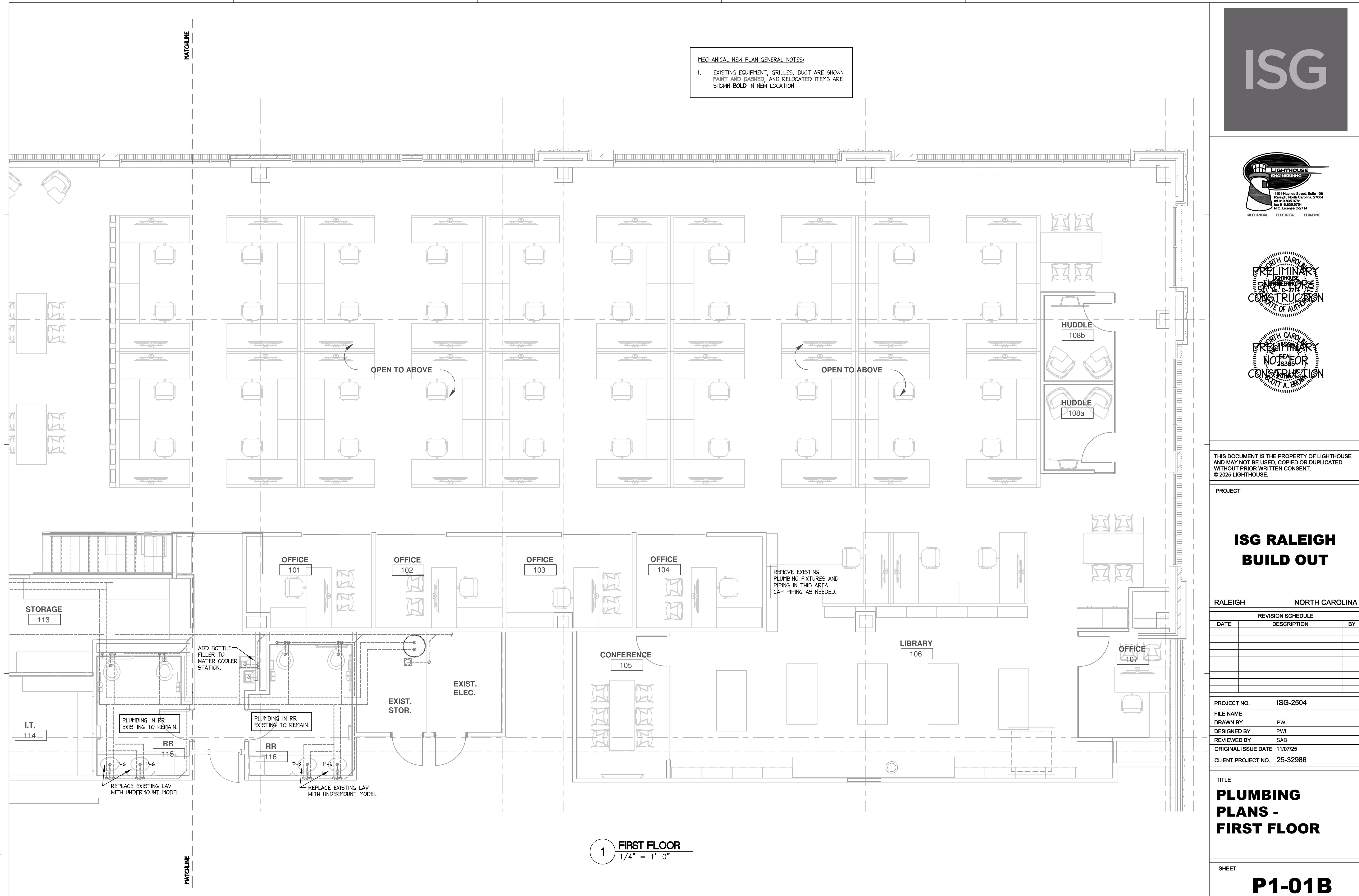
CLIENT PROJECT NO. 25-32986

TITLE

PLUMBING PLANS - FIRST FLOOR

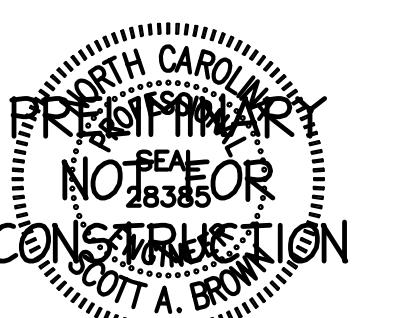
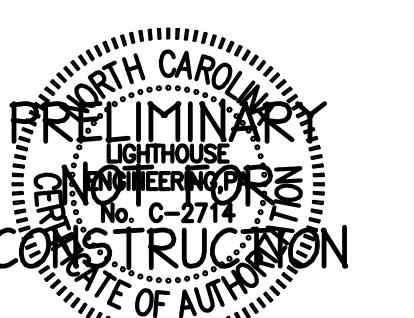
SHEET

P1-01B





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PROJECT

ISG RALEIGH BUILD OUT

RALEIGH **NORTH CAROLINA**

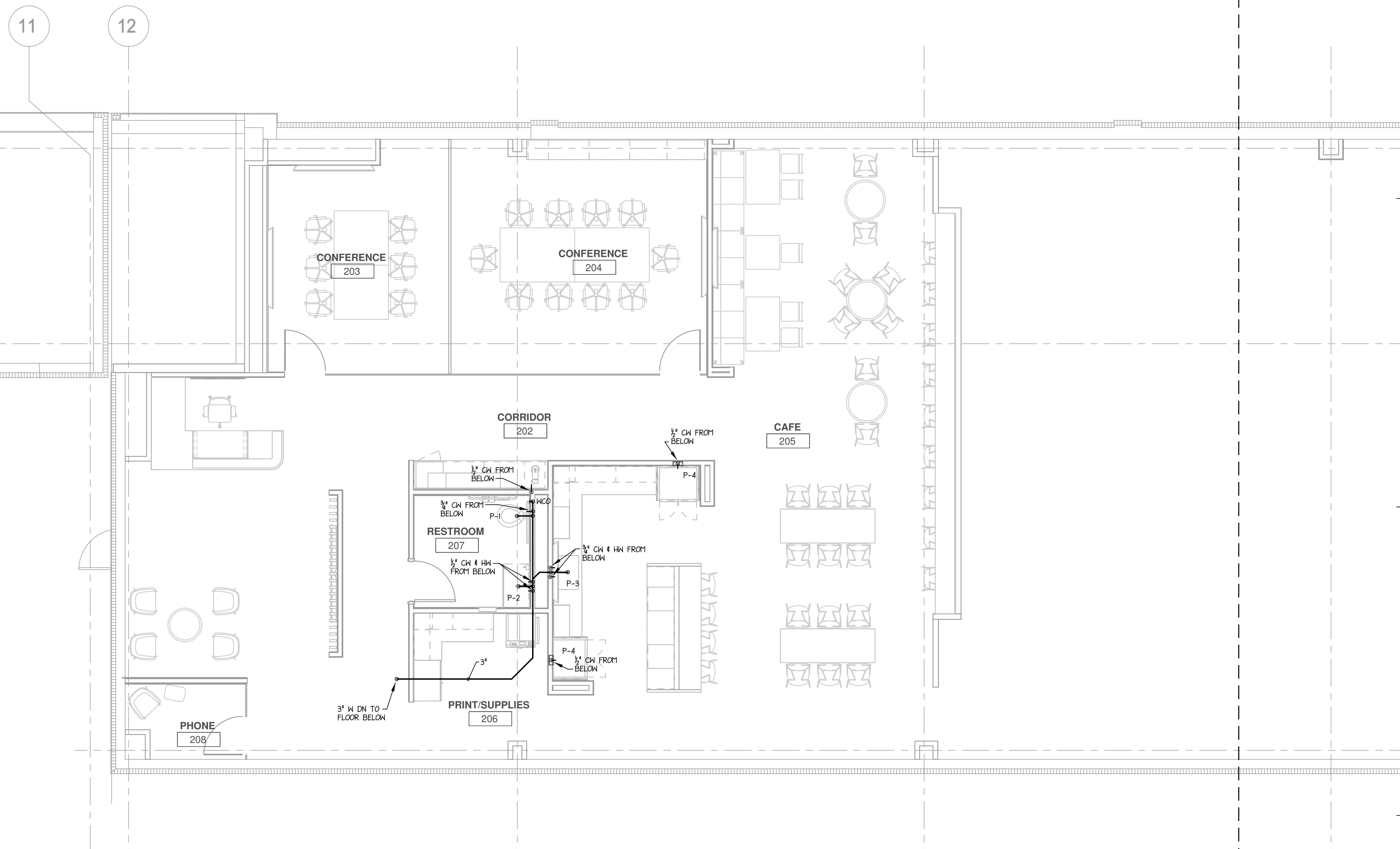
PROJECT NO. ISG-2504

FILE NAME	
DRAWN BY	PWI
DESIGNED BY	PWI
REVIEWED BY	SAB
ORIGINAL ISSUE DATE	11/07/25
CLIENT PROJ. NO.	25-22086

PLUMBING PLANS - SECOND FLOOR

SHEET

P1-02A



SECOND FLOOR



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ISG RALEIGH BUILD OUT

MECHANICAL LEGEND, NOTES, AND SCHEDULES

SHEET

Drawing Sheet List	
	Title
	MECHANICAL LEGEND, NOTES, AND SCHEDULES
	MECHANICAL PLANS - FIRST FLOOR
	MECHANICAL PLANS - FIRST FLOOR
	MECHANICAL PLANS - SECOND FLOOR
	MECHANICAL PLANS - SECOND FLOOR

Page 1 of 1

HVAC GENERAL NOTES

<ol style="list-style-type: none"> 1. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIAL AND EQUIPMENT IN STRICT ACCORDANCE WITH APPLICABLE CODES AND STANDARDS, AND PER MANUFACTURER'S DIRECTIONS. 2. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL NECESSARY PERMITS, LICENSE, INSPECTIONS, APPROVALS, AND FEES. 3. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES BEFORE INSTALLATION OF ANY MATERIALS OR EQUIPMENT. 4. THESE DRAWINGS ARE DIAGRAMMATIC AND SHOW GENERAL LOCATION AND ARRANGEMENT OF ALL MATERIALS AND EQUIPMENT. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS BUILDING CONSTRUCTION AND ALL OTHER WORK WILL PERMIT. 5. DO NOT SCALE DRAWINGS FOR MEASUREMENTS. 6. ALL DUCT DIMENSIONS SHOWN ARE INTERIOR DUCT DIMENSIONS. 7. ALL PENETRATIONS THROUGH EXTERIOR WALLS & ROOF SHALL BE FLASHED & COUNTERFLASHED IN A WATERPROOF MANNER (COLOR TO MATCH EXTERIOR). 8. SEAL ALL PENETRATIONS OF RATED WALLS WITH FIRE DAMPER AND SEALANT MATERIAL APPROVED BY LOCAL CODE. 9. ALL SUSPENDED MATERIALS AND EQUIPMENT SHALL BE INDIVIDUALLY SUPPORTED FROM THE BUILDING STRUCTURE. DO NOT SUSPEND ITEMS FROM THE CEILING OR ITS SUPPORT SYSTEM. 10. INSTALL ALL CONTROL DEVICES, INCLUDING THERMOSTATS AND SWITCHES, 4'-0" ABOVE FINISHED FLOOR. PROVIDE THE REQUIRED DEVICE(S) FOR ALL SYSTEMS WHETHER LOCATED ON THE PLANS OR NOT. 11. LOCATE CEILING DIFFUSERS IN ACCORDANCE WITH ARCHITECTURAL REFLECTED CEILING PLANS (IF PROVIDED). 12. PROVIDE MANUFACTURER'S RECOMMENDED CLEARANCES AROUND MECHANICAL UNITS FOR MAINTENANCE AND FILTER REMOVAL. 13. ALL PIPING AND DUCTWORK LOCATIONS SHALL BE COORDINATED W/ WORK UNDER OTHER DIVISIONS OF THE SPECIFICATIONS, TO AVOID INTERFERENCE. 14. ALL SUPPLY AND RETURN DUCTS SHALL BE INSULATED AS FOLLOWS: <table style="margin-left: 20px; border: none;"> <tr> <td style="padding-right: 20px;">CONDITIONED SPACES</td> <td>R-6 MINIMUM</td> </tr> <tr> <td>NON-CONDITIONED SPACES</td> <td>R-8 MINIMUM</td> </tr> </table> <p style="margin-left: 20px;">CONCEALED SHEET METAL DUCT MAY BE EXTERNALLY INSULATED WITH MINERAL FIBER BOARD OR BLANKET OR MAY BE INTERNALLY INSULATED WITH DUCT LINER. THE FIRST 15' FROM THE AIR HANDLER SHALL BE INTERNALLY LINED.</p> 15. ALL DUCTWORK IN UNCONDITIONED SPACES IS REQUIRED TO BE INSTALLED AND TESTED TO MEET A TOTAL DUCT LEAKAGE LESS THAN OR EQUAL TO 6 CFM/1,000 SQFT (SECTION 403.2.2 2012NCEC). 16. INDEPENDENT CERTIFIED TEST AND BALANCE CONTRACTOR SHALL BALANCE SYSTEM TO AIR QUANTITIES INDICATED ON PLANS AND PROVIDE OWNER'S REPRESENTATIVE WITH COMPLETE BALANCE REPORT. IF BALANCING DAMPERS ARE NOT PROVIDED IN RETURN DUCTWORK, CONTRACTOR SHALL BALANCE SUPPLY SIDE TO AIR QUANTITIES INDICATED ON PLANS AND SHALL BALANCE OUTSIDE AIR AND RETURN AIR FLOWS AT THE AIR HANDLER TO AIR QUANTITIES INDICATED IN THE SCHEDULE. PROVIDE NEW AIR FILTERS FOR EACH UNIT. 	CONDITIONED SPACES	R-6 MINIMUM	NON-CONDITIONED SPACES	R-8 MINIMUM	<ol style="list-style-type: none"> 16. AS REQUIRED BY LOCAL CODES, MECHANICAL CONTRACTOR SHALL PROVIDE U.L. LISTED FIRE DAMPERS WHERE REQUIRED FOR FIRE PROTECTION REQUIREMENTS OF THE HVAC SYSTEM & THE UL ASSEMBLY. 17. PROVIDE 1 YEAR WARRANTY ON ALL EQUIPMENT AND 5 YEAR WARRANTY ON ALL COMPRESSORS. 18. ALL INTAKE OPENINGS SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ALL EXHAUST LOCATIONS. 19. CONDENSATE DRAIN PIPING AND FITTINGS SHALL BE SCHEDULE 40 PVC. DRAINS FROM AIR HANDLING UNITS SHALL BE TRAPPED. 20. ALL MAIN DUCTWORK SHALL BE GALVANIZED SHEET METAL CONSTRUCTED IN ACCORDANCE WITH SMACNA STANDARDS. RUNOUTS FROM MAIN/BRANCH DUCTS MAY BE FLEXIBLE DUCT CONFORMING TO THE REQUIREMENTS OF UL 181 FOR CLASS I FLEXIBLE AIR DUCTS. MAXIMUM LENGTH OF FLEX DUCT SHALL BE 10'-0" 21. THE MECHANICAL CONTRACTOR SHALL PROVIDE LOW VOLTAGE CONTROL LINES TO THE ROOFTOP UNIT(S). COORDINATE ROUTING AND INSTALLATION WITH THE GENERAL CONTRACTOR. 22. ELECTRICAL CONTRACTOR TO PROVIDE ALL HIGH VOLTAGE ELECTRICAL WIRING, CONDUIT, DISCONNECT SWITCHES, FUSES, ETC. TO ROOFTOP UNIT(S). ALL FINAL ELECTRICAL CONNECTIONS ARE BY ELECTRICAL CONTRACTOR. 23. MECHANICAL CONTRACTOR SHALL VERIFY LOCATION OF ALL PENETRATIONS FOR RELIEF HOODS, OUTSIDE AIR HOODS, LOUVERS, AND WALL CAPS WITH ARCHITECT & OWNER PRIOR TO INSTALLATION. 24. MECHANICAL CONTRACTOR SHALL PAINT ALL RELIEF HOODS, INTAKE HOODS, LOUVERS, AND VENT CAPS. CONFIRM COLOR WITH ARCHITECT & OWNER PRIOR TO INSTALLATION. 25. SEE PLUMBING SHEETS FOR ALL GAS PIPING INFORMATION AND DETAILS. 26. PENETRATIONS OF RATED WALLS, PARTITIONS AND FLOORS OF NON-COMBUSTIBLE CONSTRUCTION SHALL BE FIRESTOPPED WITH NONCOMBUSTIBLE MATERIALS. PENETRATIONS OF NONRATED WALLS, PARTITIONS AND FLOOR OF COMBUSTIBLE CONSTRUCTION SHALL BE FIRESTOPPED WITH MATERIALS EQUIVALENT TO TWO INCHES OF WOOD. FIRESTOPPING SHALL COMPLY WITH ASTM E-814. 27. ALL CUTTING AND PATCHING OF WALLS AND FLOORS FOR MECHANICAL EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR.
CONDITIONED SPACES	R-6 MINIMUM				
NON-CONDITIONED SPACES	R-8 MINIMUM				

PACKAGED DX COOLING / GAS HEATING ROOF TOP UNIT SCHEDULE																		
UNIT NO.	AREA SERVED	SUPPLY - FAN DATA				HEATING CAPACITY		COOLING CAPACITY		ELECTRICAL DATA			MANUFACTURER & MODEL	UNIT CAP. (TONS)	EFF. EER (SEER)	UNIT WEIGHT (LBS)	NOTES	
		TOTAL CFM	O/A CFM	MIN.EXT. S.P. (IN.WG)	FAN RPM	MOTOR H.P.	INPUT M.B.H.	OUTPUT M.B.H.	TOTAL M.B.H.	SENSIBLE M.B.H.	VOLT/PH	MCA	MAX FUSE					
RTU-1	FIRST FLOOR	9775	1000	1.25	MFG	7.5	400	324	295	234	460/3Ø	56	70	TRANE YHD300F	25	10.6	2440	1,2
RTU-2	MEZZANINE	3000	300	0.80	MFG	3.75	200	160	92	68	460/3Ø	19.9	25	TRANE YHC092F	7.5	12.6	1291	1,2

NOTES:

1. EXISTING RTU TO REMAIN
 2. BALANCE OUTSIDE AIR TO VALUES INDICATED IN SCHEDULE

FAN SCHEDULE											
UNIT NO.	SERVICE	AREA SERVED	CFM	S.P.	RPM	TYPE & ARRANGEMENT	MIN. MOTOR HP & VOLTAGE	MANUFACTURER & MODEL NO.	DRIVE	CONTROL SCHEME	REMARKS
EF-1	EXHAUST	BATHROOM	100	.25"	1100	CEILING	52.5 WATTS/.62A 120/1Ø	GREENHECK MODEL SP-A125	DIRECT	A	I-3
EF-2	EXHAUST	TOILET	75	.25"	950	CEILING	49 WATTS/0.6A 120/1Ø	GREENHECK MODEL SP-A110	DIRECT	A	I-3
EF-3	EXHAUST	ELEC RM	400	.25"	1300	INLINE	1/25 120/1Ø	GREENHECK MODEL SQ-90	DIRECT	B	I-3

NOTE

- 1. ROOF CAP W/SCREEN
 - 2. BACKDRAFT DAMPER
 - 3. INTEGRAL DISCONNECT SWITCH

CONTROL OPTIONS:

- A. CONTROL W/ ROOM LIGHTS
 - B. CONTROL W/ THERMOSTAT SET @ 85° F

DIFFUSER SCHEDULE											
SYMBOL	CFM	NECK SIZE	MODULE SIZE	FRAME TYPE	PATTERN	DAMPER	MATERIAL	SERVICE	FINISH	MANUFACTURER & MODEL NO.	NOTES
(A)	AS NOTED	AS NOTED	4" LONG, 4 SLOT	LAY-IN	-	YES	STEEL	SUPPLY	NOTE 2	TITUS ML-39	1,3,4
(B)	AS NOTED	AS NOTED	24x24	LAY-IN	4-WAY	YES	STEEL	SUPPLY	NOTE 2	TITUS TDC	1
(C)	AS NOTED	AS NOTED	24x24	LAY-IN	-	NO	STEEL	RETURN	NOTE 2	TITUS PAR	1
(D)	AS NOTED	AS NOTED	4" LONG, 2 SLOT	LAY-IN	-	NO	STEEL	SUPPLY	NOTE 2	TITUS ML-38	1,3,4
(E)	AS NOTED	AS NOTED	AS NOTED	SURFACE	EGGCRATE	NO	STEEL	RETURN	NOTE 2	TITUS 50R	1
(F)	AS NOTED	AS NOTED	12x12	LAY-IN	4-WAY	YES	STEEL	SUPPLY	NOTE 2	TITUS TDC	1
(G)	AS NOTED	AS NOTED	AS NOTED	SURFACE	EGGCRATE	NO	STEEL	RETURN	NOTE 2	TITUS 50R-NT	1
(H)	AS NOTED	AS NOTED	4" LONG, 2 SLOT	LAY-IN	-	NO	STEEL	RETURN	NOTE 2	TITUS MLRF-38	1
(I)	AS NOTED	AS NOTED	4" LONG, 1 SLOT	LAY-IN	-	NO	STEEL	SUPPLY	NOTE 2	TITUS ML-38	1,3,4
(J)	AS NOTED	AS NOTED	24x24	LAY-IN	2-WAY	YES	STEEL	SUPPLY	NOTE 2	TITUS TDC	1

NOTES:

- I. DIFFUSER DESIGNATIONS ON PLANS AS FOLLOWS:

DIFFUSER DESIGNATIONS ON PLANS AS FOLLOWS:

DIFFUSER OR
NECK SIZE.  DIFFUSER TYPE
AS NOTED ABOVE

AIR QUANTITY

2. FINISH TO MATCH / BE ABLE MATCH CEILING OR WALL OR DOOR.
 3. PROVIDE INSULATED PLENUM BOX
 4. THROW PATTERN TO BE AS FOLLOWS:
 - CONNECTED TO FPB - VERTICLE
 - CONNECTED TO VAV BOX CENTER OF ROOM - 2 WAY HORIZONTAL
 - CONNECTED TO VAV BOX SIDE OF ROOM - 1 WAY HORIZONTAL

MECHANICAL LEGEND

	RECTANGULAR DUCT
	ROUND METAL DUCT
	FLEXIBLE ROUND DUCT
	ELBOW WITH TURNING VANES
	VOLUME DAMPER
	SUPPLY TAP WITH VOLUME DAMPER
	SUPPLY TAP
	SUPPLY DIFFUSER/GRILLE OR RISER
	RETURN REGISTER/GRILLE OR RISER
	EXHAUST REGISTER/GRILLE OR RISER
	SIDEWALL DIFFUSER/GRILLE
	CEILING EXHAUST FAN
	FIRESTAT
	MOTORIZED DAMPER
	DUCT SMOKE DETECTOR
	T-STAT
	LOUVERED DOOR (SEE ARCHITECTURAL DRAWINGS)
	1" DOOR UNDER CUT
	U.L. FIRE DAMPER W/ ACCESS DOOR
	U.L. CEILING RADIATION DAMPER
	FIRE/SMOKE DAMPER (120V, CONTROL WIRING BY E.C.)
	CONNECT TO EXISTING
	DEMO TO THIS POINT
	EXISTING DUCTWORK TO BE REMOVED
	EXISTING EQUIPMENT/DUCTWORK
	FAN POWERED BOX
	VAV BOX

VAV UNIT SCHEDULE (COOLING ONLY)							
TAG	MAX. SETTING CFM	MIN. CFM	MIN. S.P. IN. W.G.	INLET SIZE	VOLT/PH	MANUFACTURER & MODEL NO	NOTES
VAV-I-1	350	0	0.25"	6"	120/1Φ	TRANE VCCF06	I,2
VAV-I-2	850	0	0.25"	10"	120/1Φ	TRANE VCCF10	I,2
VAV-I-3	325	0	0.25"	6"	120/1Φ	TRANE VCCF06	I,2
VAV-I-4	400	0	0.25"	6"	120/1Φ	TRANE VCCF06	I,2
VAV-I-5	350	0	0.25"	6"	120/1Φ	TRANE VCCF06	I,2
VAV-I-6	150	0	0.25"	5"	120/1Φ	TRANE VCCF05	I,2
VAV-I-7	400	0	0.25"	6"	120/1Φ	TRANE VCCF06	I,2
VAV-2-1	850	0	0.25"	10"	120/1Φ	TRANE VCCF10	I,2
VAV-I-8	550	0	0.25"	8"	120/1Φ	TRANE VCCF8	I,2

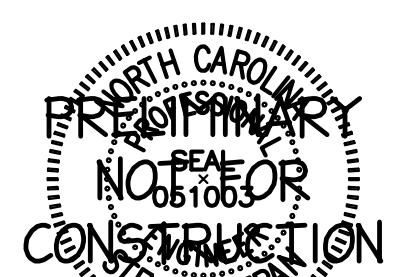
TERMINAL UNIT SCHEDULE																	
UNIT NO.	PRIMARY AIR				HEATING (PLENUM) AIR					ELECTRICAL DATA					MANUFACTURER & MODEL	NOTES	
	MAX CFM	MIN CFM	CONN. DIM.	EXT SP	SUPPLY CFM	MIN PRIMARY CFM	FAN CFM	MIN LAT (°F)	EXT SP	PLENUM FAN	MOTOR H.P.	KW	VOLT/PH	MCA	MOCP		
FPB-1-1	1400	280	12"φ	0.25"	1400	280	1120	95	0.25"	04SQ	1/3	13.0	460/3φ	26.4	30	TRANE VPEF12	I-5
FPB-1-2	1500	280	12"φ	0.25"	1500	280	1120	95	0.25"	04SQ	1/3	13.0	460/3φ	26.4	30	TRANE VPEF12	I-5
FPB-1-3	1200	240	12"φ	0.25"	1200	240	960	95	0.25"	04SQ	1/3	11.0	460/3φ	23.4	25	TRANE VPEF12	I-5
FPB-1-4	1000	200	10"φ	0.25"	1000	200	800	95	0.25"	03SQ	1/3	9.0	460/3φ	18.9	20	TRANE VPEF10	I-5
FPB-1-5	1500	300	12"φ	0.25"	1500	300	1200	95	0.25"	04SQ	1/3	14.0	460/3φ	27.8	30	TRANE VPEF12	I-5
FPB-1-6	800	160	8"φ	0.25"	400	160	240	95	0.25"	02SQ	1/8	4.0	460/3φ	8.0	15	TRANE VPEF08	I-5
FPB-2-1	800	160	8"φ	0.25"	400	160	240	95	0.25"	02SQ	1/8	4.0	460/3φ	8.0	15	TRANE VPEF08	I-5
FPB-2-2	1350	270	12"φ	0.25"	675	270	405	95	0.25"	03SQ	1/3	7.0	460/3φ	15.8	20	TRANE VPEF12	I-5

- NOTES:

 - 1. PARALLEL FLOW FAN POWERED BOX
 - 2. DDC CONTROLS
 - 3. SINGLE POINT ELECTRICAL CONNECTION
 - 4. UNIT MOUNTED DISCONNECT
 - 5. ZONE SENSOR WITH PUSHBUTTON OVERRIDE

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PROJECT

ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO. ISG-2504

FILE NAME

DRAWN BY SDT

DESIGNED BY SDT

REVIEWED BY SAB

ORIGINAL ISSUE DATE 11/07/25

CLIENT PROJECT NO. 25-32986

TITLE

MECHANICAL PLANS - FIRST FLOOR

SHEET

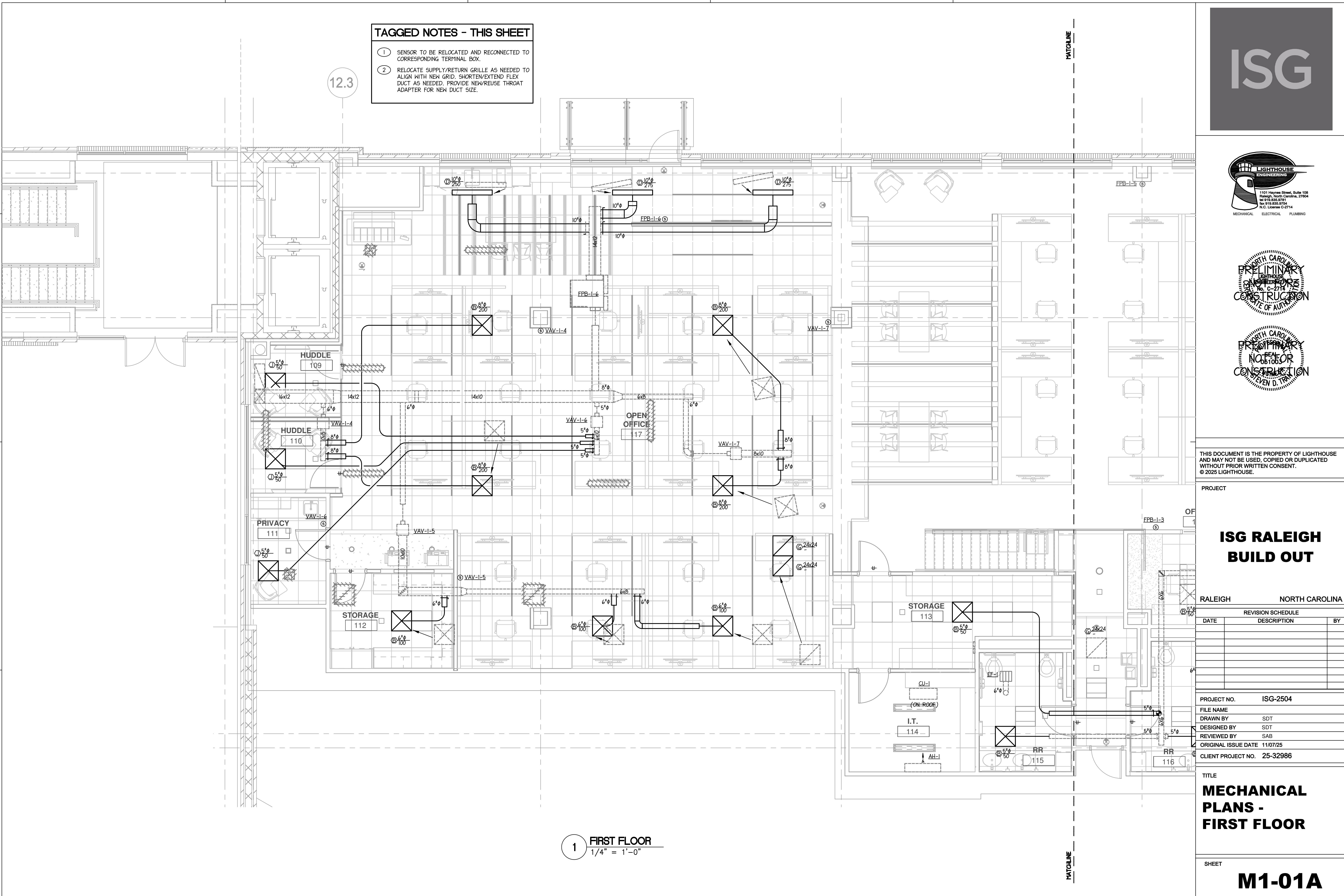
M1-01A

TAGGED NOTES - THIS SHEET

1. SENSOR TO BE RELOCATED AND RECONNECTED TO CORRESPONDING TERMINAL BOX.
2. RELOCATE SUPPLY/RETURN GRILLE AS NEEDED TO ALIGN WITH NEW GRID. SHORTEN/EXTEND FLEX DUCT AS NEEDED. PROVIDE NEW/REUSE THROAT ADAPTER FOR NEW DUCT SIZE.

12.3

1 FIRST FLOOR
1/4" = 1'-0"



PRELIMINARY NOT FOR CONSTRUCTION PRELIMINARY NOT FOR CONSTRUCTION

ISG



A circular stamp with a decorative border. The text inside is arranged in a circular pattern: 'NORTH CAROLINA' at the top, 'LIGHHOUSE' in the middle, 'ENGINEERING' on the left, 'PRELIMINARY' at the top, 'CONSTRUCTION' on the right, 'CERTIFICATE' at the bottom, 'NO. C-2714' in the center, and 'STATE OF AUTHORITY' at the bottom.

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ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

OBJECT NO ISG-2504

NAME
AWN BY SDT
SIGNED BY SDT
VIEWED BY SAB
ORIGINAL ISSUE DATE 11/07/25

MECHANICAL PLANS - SECOND FLOOR

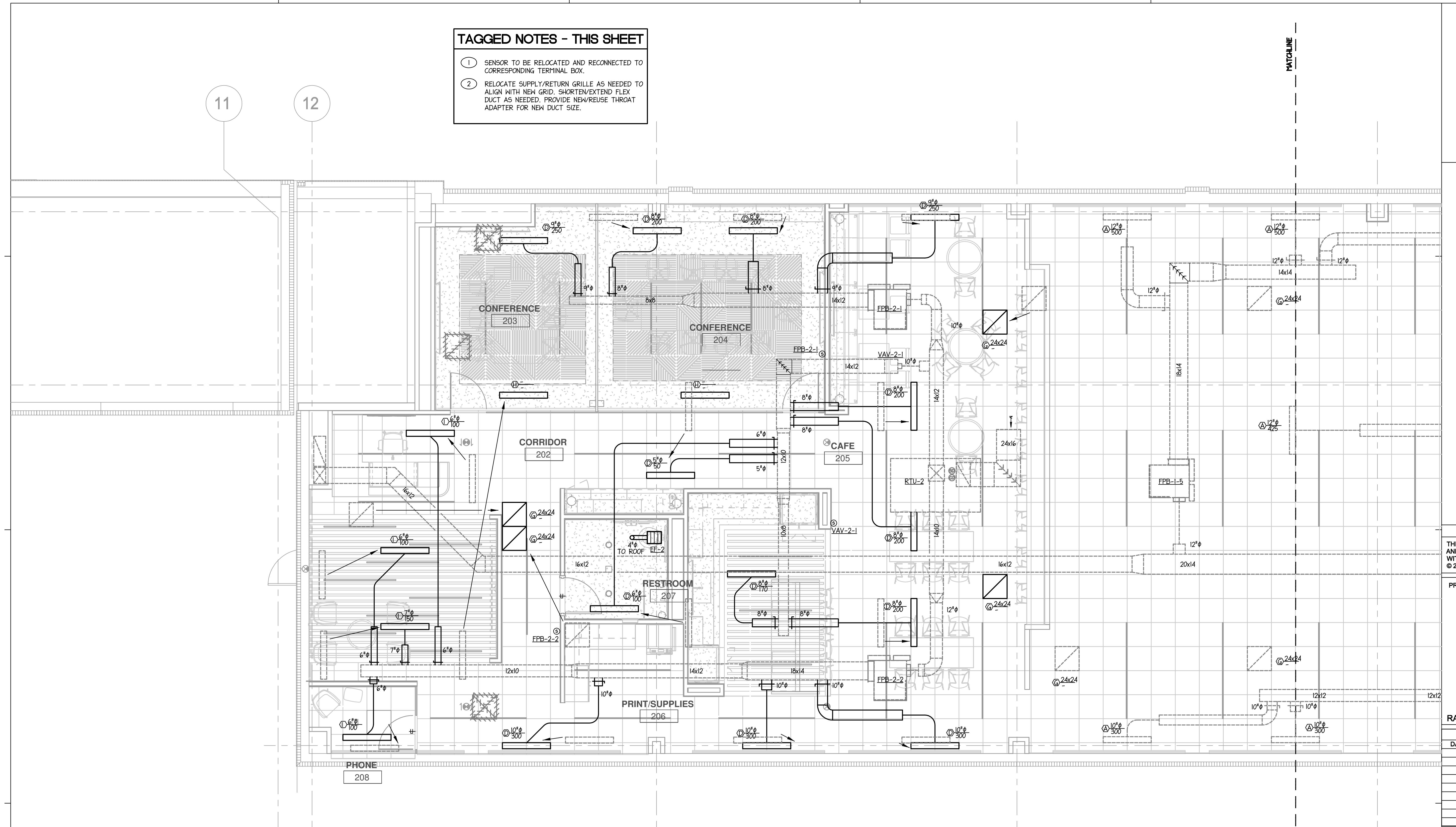
1 SHEET

M1-02A

1 **SECOND FLOOR**
1/4" = 1'-0"

TAGGED NOTES - THIS SHEET

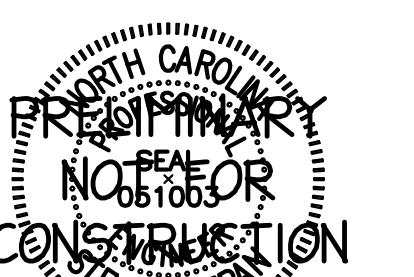
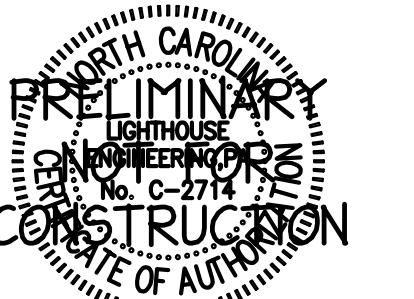
- 1 SENSOR TO BE RELOCATED AND RECONNECTED TO CORRESPONDING TERMINAL BOX.
 - 2 RELOCATE SUPPLY/RETURN GRILLE AS NEEDED TO ALIGN WITH NEW GRID. SHORTEN/EXTEND FLEX DUCT AS NEEDED. PROVIDE NEW/REUSE THROAT ADAPTER FOR NEW DUCT SIZE.



ISG-2504-M1-02A-MECHANICAL PLANS-SECOND FLOOR.dwg
Nov 07, 2025-2333pm

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PROJECT

ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

REVISION SCHEDULE

DATE DESCRIPTION BY

PROJECT NO. ISG-2504

FILE NAME

DRAWN BY SDT

DESIGNED BY SDT

REVIEWED BY SAB

ORIGINAL ISSUE DATE 11/07/25

CLIENT PROJECT NO. 25-32986

TITLE

MECHANICAL PLANS - SECOND FLOOR

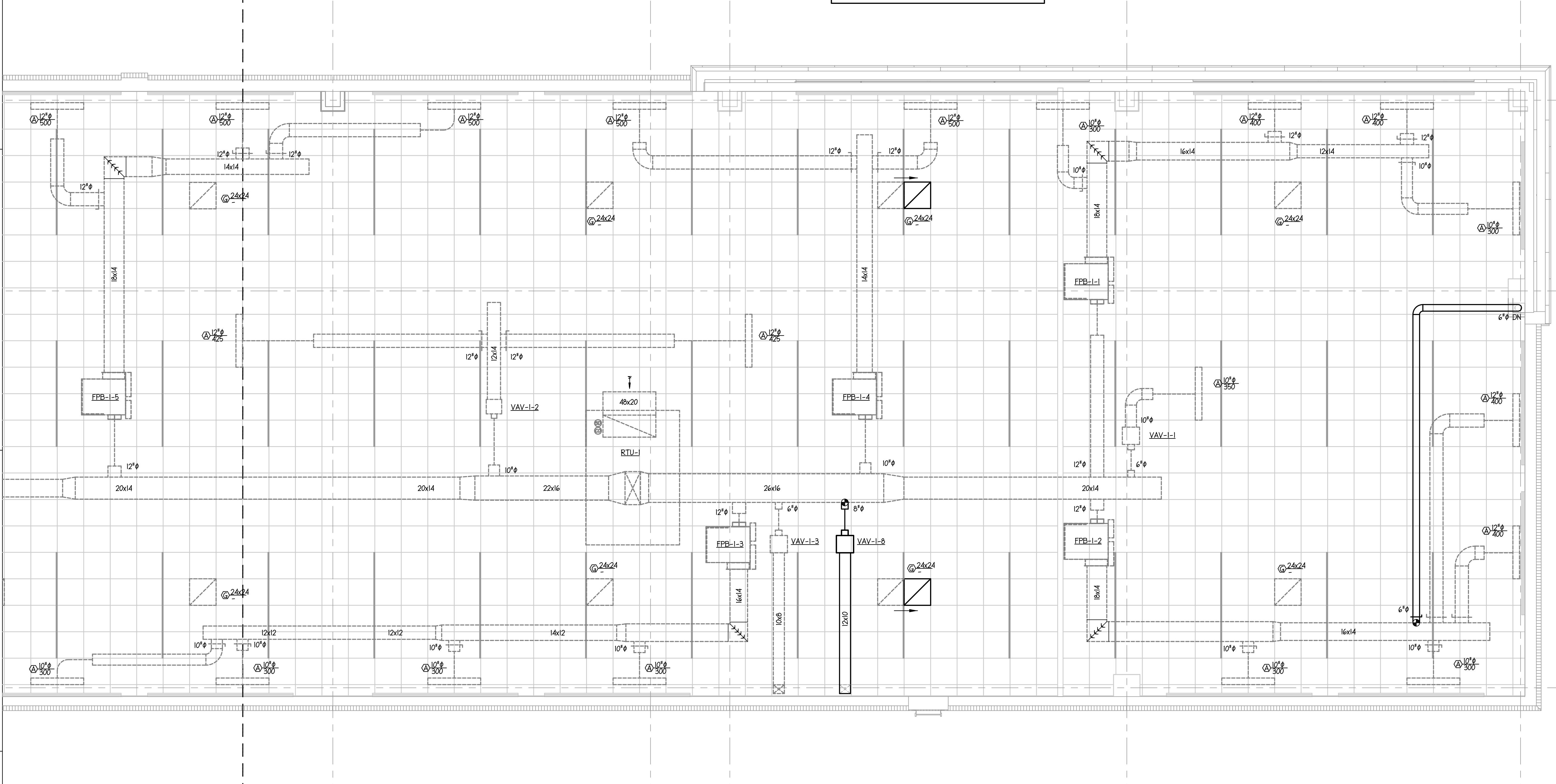
SHEET

M1-02B

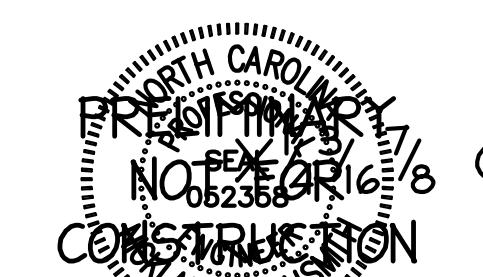
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- SENSOR TO BE RELOCATED AND RECONNECTED TO CORRESPONDING TERMINAL BOX.
- RELOCATE SUPPLY/RETURN GRILLE AS NEEDED TO ALIGN WITH NEW GRID. SHORTEN/EXTEND FLEX DUCT AS NEEDED. PROVIDE NEW/REUSE THROAT ADAPTER FOR NEW DUCT SIZE.

MATOLINE



1 SECOND FLOOR
1/4" = 1'-0"



C:\U\111\16\1

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PROJECT

ISG RALEIGH BUILD OUT

RALEIGH		NORTH CAROLINA	
REVISION SCHEDULE			
DATE	DESCRIPTION	BY	

PROJECT NO.	
FILE NAME	
DRAWN BY	JRS
DESIGNED BY	JRS
REVIEWED BY	NHS
ORIGINAL ISSUE DATE	11/07/25
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TITLE

ELECTRICAL LEGEND AND NOTES

SHEET

E0-01

ELECTRICAL ABBREVIATIONS	
18"	DIMENSION INDICATES HEIGHT ABOVE FINISHED FLOOR AT WHICH CENTER OF DEVICE IS TO BE MOUNTED.
AFF	ABOVE FINISHED FLOOR.
AFG	ABOVE FINISHED GRADE.
E.C.	ELECTRICAL CONTRACTOR.
FPN	FUSE PER EQUIPMENT NAMEPLATE REQUIREMENTS.
G.C.	GENERAL CONTRACTOR.
M.C.	MECHANICAL CONTRACTOR.
P.C.	PLUMBING CONTRACTOR.
WP	INDICATES DEVICE TO HAVE WEATHERPROOF COVER.
UON	UNLESS OTHERWISE NOTED.
NL	NIGHT LIGHT, LIGHT NOT SWITCHED.

E.C. TO FIELD VERIFY ALL EXISTING CONDITIONS AND LOCATIONS OF EQUIPMENT PRIOR TO BIDDING WORK.

GENERAL ELECTRICAL NOTES	
1. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL AND STATE CODES.	13. ALL TERMINALS/LUGS SHALL BE 60/75° RATED. ALL TERMINALS, SPLICING CONNECTORS, LUGS, ETC SHALL BE IDENTIFIED FOR USE WITH THE MATERIAL (C/U/L) OF THE CONDUCTOR AND SHALL BE PROPERLY INSTALLED.
2. ALL MATERIAL, DEVICES, APPLIANCES, AND EQUIPMENT SHALL BE NEW AND SHALL CONFORM TO THE STANDARDS OF THE UNDERWRITER'S LABORATORIES, INC., AND THE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION.	14. E.C. TO VERIFY DEVICE PLATE COLOR AND MATERIAL WITH ARCHITECT PRIOR TO PURCHASE.
3. ALL ELECTRICAL PERMITS AND INSPECTION FEES SHALL BE OBTAINED AND PAID FOR BY THE ELECTRICAL CONTRACTOR. DRAWINGS ARE DIAGRAMMATIC ONLY AND INDICATE ONLY THE GENERAL ARRANGEMENT. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.	15. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL ELECTRICAL EQUIPMENT FROM FOREIGN MATERIAL DURING CONSTRUCTION (PAINT, SPACKLE, ETC.).
4. ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR ONE YEAR EFFECTIVE THE DAY THE PROJECT IS ACCEPTED BY THE OWNER.	16. WHERE A HOME RUN IS SHOWN THE CIRCUIT SHALL BE INSTALLED IN A DEDICATED CONDUIT, DO NOT COMBINE WITH OTHER CIRCUITS. WHERE A CIRCUIT HOMERUN IS NOT SHOWN, THE CONTRACTOR SHALL COMBINE CIRCUITS AS FOLLOWS: A MAXIMUM OF THREE 20A BRANCH CIRCUITS MAY BE COMBINED IN A COMMON HOMERUN WITH SEPARATE NEUTRALS FOR A MAXIMUM TOTAL OF SIX CURRENT CARRYING CONDUCTORS. ALL BRANCH CIRCUITS LARGER THAN 20A SHALL BE SEPARATELY HOMERUN TO THE PANEL.
5. ELECTRICAL CONTRACTOR SHALL MAKE ALL ELECTRICAL POWER CONNECTIONS TO HVAC, PLUMBING AND OTHER EQUIPMENT AS REQUIRED.	17. RECEPTACLES IN COMMERCIAL AREAS SHALL BE SPECIFICATION GRADE EQUAL TO HUBBELL 5200/5300 SERIES; GROUND FAULT RECEPTACLES SHALL BE EQUAL TO HUBBELL GF-5362. LIGHTING SWITCHES SHALL BE SPECIFICATION GRADE EQUAL TO HUBBELL 1200 SERIES. ENSURE DEVICES ARE INSTALLED IN COMPLIANCE WITH ANSI A117.1 FOR ADA REQUIREMENTS.
6. A COMPLETE GROUNDING SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH ARTICLE 250 OF THE NEC, AND AS SHOWN ON THE DRAWINGS.	18. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL ELECTRICAL EQUIPMENT, DEVICES, ETC. IN ACCORDANCE WITH LOCAL SEISMIC CODE REQUIREMENTS. PROVIDE SEISMIC RESTRAINTS, ACCESSORIES AND INSTALLATION DETAIL AS REQUIRED.
7. ALL CUTTING AND PATCHING OF WALLS AND FLOORS FOR ELECTRICAL EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.	19. E.C. SHALL PROVIDE PLAQUES AT SERVICE EQUIPMENT PER DESIGNATIONS ON THE RISER DIAGRAMS.
8. CONDUCTORS #8 AND SMALLER SHALL BE COPPER RATED AT NOT LESS THAN 600 VOLTS. CONDUCTORS #6 AND LARGER MAY BE ALUMINUM RATED AT NOT LESS THAN 600 VOLTS. MINIMUM SIZE SHALL BE #12. ALL WIRE #8 AWG AND LARGER SHALL BE STRANDED. ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID, UNLESS OTHERWISE NOTED. BRANCH CIRCUIT CONDUCTORS SHALL BE TYPE THHN OR THWN AS REQUIRED.	20. SERVICE EQUIPMENT SHALL BE LABELED PER NEC 110.24(A).
9. USE SCHEDULE 40 PVC OUTDOORS WHERE NOT SUBJECT TO PHYSICAL DAMAGE OR BELOW FLOOR SLAB. MINIMUM CONDUIT SIZE TO BE 1/2". TYPE NM, MC AND AC CABLE MAY BE USED WHERE PERMISSIBLE BY NEC. FLEXIBLE CONDUIT SHALL BE USED FOR CONNECTIONS TO VIBRATING EQUIPMENT AND LUMINAIRES, BUT SHALL NOT EXCEED 6' IN LENGTH.	21. OUTLETS SHALL BE STAGGERED BETWEEN STUDS TO REDUCE SOUND TRANSMISSION.
10. PROVIDE A PULLWIRE IN ALL EMPTY CONDUITS.	22. ALL WIRING AND CABLES RUN ABOVE THE CEILING SHALL BE PLENUM RATED OR IN METAL CONDUIT.
11. PROVIDE A TYPED DIRECTORY IN ALL PANELBOARDS CLEARLY DESCRIBING THE LOCATION OF AND TYPE OF LOAD BEING SERVED FOR ALL CIRCUITS. PROVIDE ENGRAVED PHENOLIC NAMEPLATES FOR ALL PANELBOARDS AND DISCONNECT SWITCHES, WHITE LETTERS ON BLACK BACKGROUND.	23. ALL QUESTIONS MUST BE SUBMITTED IN RFI FORMAT TO THE ARCHITECT AND MUST BE ADDRESSED BY THE APPROPRIATE DESIGNER OF RECORD PRIOR TO BECOMING A PROPOSED CHANGE ORDER.
12. FUSES 0 - 600 AMPS SHALL BE UL CLASS "RK-1" LOW PEAK DUAL ELEMENT TIME DELAY WITH 200,000 AMPERE INTERRUPTING RATING AS MANUFACTURED BY BUSSMANN, UNLESS NOTED OTHERWISE.	

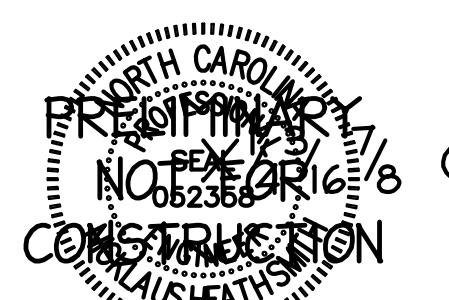
ELECTRICAL DEMOLITION NOTES	
1. DRAWINGS ARE BASED ON EXISTING PLANS AND NON-DESTRUCTIVE FIELD INVESTIGATIONS. THE CONTRACTOR SHALL VISIT THE EXISTING BUILDING AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS. THE CONTRACTOR SHALL EXAMINE RELATED DRAWINGS TO AVOID CONFLICTS.	5. ABANDONED DEVICES SHALL BE REMOVED WITH THE JUNCTION BOX. WALLS SHALL BE PATCHED TO MATCH ADJACENT SURFACES.
2. PROVIDE ELECTRICAL DEMOLITION WORK AS NECESSARY TO INSTALL NEW WORK. ELECTRICAL CONTRACTOR SHALL REROUTE AND RECONNECT ANY CIRCUITS THAT WILL REMAIN IN USE BUT INTERFERES WITH NEW CONSTRUCTION.	6. CONTRACTOR SHALL EXERCISE CARE IN REMOVING DEMOLITION ITEMS AND SHALL REPAIR OR REPLACE AT HIS COST ANY DAMAGE CAUSED TO EXISTING CONSTRUCTION AND EQUIPMENT TO REMAIN.
3. MATERIAL BEING REMOVED UNDER DEMOLITION (AND NOT TO BE RELOCATED) SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED COMPLETELY FROM THE SITE, UNLESS OTHERWISE NOTED.	7. SCHEDULE WORK IN EXISTING BUILDING AT TIME CONVENIENT TO OWNER.
4. EXISTING CONDUITS THAT WILL NOT BE REUSED SHALL BE REMOVED IN CEILING PLENUMS AND WALLS. OTHERS MAY BE ABANDONED BELOW FLOOR SLABS. CONTRACTOR SHALL REMOVE ALL WIRING FROM ABANDONED CONDUITS. CUT-OFF ABANDONED CONDUITS BELOW FLOOR AND GROUT FLUSH WITH NON-CONTRACTING GROUT.	8. DEVICES TO BE REMOVED AND NOT REINSTALLED SHALL HAVE JUNCTION BOXES, CONDUCTORS, CONDUIT AND ALL ASSOCIATED APPURTENANCES REMOVED BACK TO LAST ACTIVE DEVICE OR PANELBOARD.

SYSTEM COMMISSIONING NOTES (IECC C408)	
1. ALL NON-EXEMPT LIGHTING SYSTEMS AND CONTROLS SHALL BE CALIBRATED, ADJUSTED, PROGRAMMED AND TESTED PER C408.3, TO ENSURE PROPER WORKING CONDITION IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND THE MANUFACTURER'S INSTRUCTIONS. THE PROJECT COMMISSIONING AGENT SHALL PROVIDE A FUNCTIONAL TESTING PROCEDURE TO COMPLY WITH C408.3.1, C408.3.2 AND C408.3.3, AS APPROPRIATE.	
2. DOCUMENTATION INCLUDING AS-BUILT CONSTRUCTION DRAWINGS, CUTSHEETS, MANUALS, ADJUSTMENT SETTINGS, CALIBRATION REQUIREMENTS, TEST REPORTS, A NARRATIVE OF SYSTEM INTENDED OPERATION AND THE COMMISSIONING AGENT'S CERTIFICATION SHALL BE PROVIDED TO THE OWNER WITHIN 90 DAYS FROM THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY PER C408.3.2.	

Drawing Sheet List	
#	Title
E0-01	ELECTRICAL LEGEND AND NOTES
E0-02	ELECTRICAL FIXTURE SCHEDULES
E1-01A	ELECTRICAL LIGHTING PLANS - FIRST FLOOR
E1-01B	ELECTRICAL LIGHTING PLANS - FIRST FLOOR
E1-02A	ELECTRICAL LIGHTING PLANS - SECOND FLOOR
E1-02B	ELECTRICAL LIGHTING PLANS - SECOND FLOOR
E2-01A	ELECTRICAL POWER PLANS - FIRST FLOOR
E2-01B	ELECTRICAL POWER PLANS - FIRST FLOOR
E2-02A	ELECTRICAL POWER PLANS - SECOND FLOOR
E2-02B	ELECTRICAL POWER PLANS - SECOND FLOOR
E3-01	ELECTRICAL PANEL SCHEDULES
E3-02	ELECTRICAL RISER DIAGRAM - NORMAL
E3-03	ELECTRICAL RISER DIAGRAM - EMERGENCY

ELECTRICAL SYMBOL LEGEND	
	CIRCUIT CONDUCTORS CONCEALED IN FLOOR, WALL OR CEILING. ARROWHEAD INDICATES HOMERUN TO PANEL NOTED.
	INDICATES HOT LEG OF CIRCUIT TO BE CARRIED OVER TO NEXT DEVICE. SEE PLANS FOR CONTROL SCHEME.
	JUNCTION BOX CEILING MOUNTED.
	JUNCTION BOX FLOOR MOUNTED.
	JUNCTION BOX WALL MOUNTED AT HEIGHT INDICATED ON DRAWINGS.
	SINGLE POLE SWITCH, 20A, 120/277 VOLT, 45° A.F.F. TO CENTER.
	3-WAY INDICATES 3-WAY SWITCH.
	4-WAY INDICATES 4-WAY SWITCH.
	DIMMER INDICATES DIMMER SWITCH OF TYPE TO SUIT LOAD.
	HINGE INDICATES HINGE MOUNTED PUSH OFF SWITCH.
	KEY INDICATES KEY OPERATED SWITCH.
	120V, 20A MOTOR RATED TOGGLE SWITCH.
	INDICATES FLUORESCENT FIXTURES DUAL SWITCHED, INBOARD/OUTBOARD SWITCHED SEPARATELY.
	SINGLE RECEPTACLE, 20 AMP, 120 VOLT, 45° A.F.F. TO CENTER.
	DUPLEX RECEPTACLE, 15 AMP, 120 VOLT, 45° A.F.F. TO CENTER.
	WEATHERPROOF INDICATES WEATHERPROOF.
	RECEPTACLE, AS ABOVE, MOUNTED 6" ABOVE COUNTER TOP OR 4" ABOVE BACKSPASH, AS APPROPRIATE, OR AT HEIGHT INDICATED.
	RECESSED FLUSH FLOOR DUPLEX RECEPTACLE WITH BRASS COVERPLATE. COORDINATE EXACT FINISH WITH ARCHITECT AND OWNER.
	208V RECEPTACLE, SEE PLANS FOR NEMA CONFIGURATION.
	TELEPHONE/DATA OUTLET, 18° A.F.F. TO CENTER OR ALIGN MOUNTING HEIGHT WITH ADJACENT DEVICE, UNLESS OTHERWISE NOTED. PROVIDE 3/8" CONDUIT TO ACCESSIBLE CEILING.
	DATA OUTLET, 18° A.F.F. TO CENTER OR ALIGN MOUNTING HEIGHT WITH ADJACENT DEVICE, UNLESS OTHERWISE NOTED. PROVIDE 1" CONDUIT TO ACCESSIBLE CEILING.
	WIRELESS ACCESS POINT, COORDINATE WITH INSTALLER.
	HEAVY DUTY FUSIBLE/NON-FUSIBLE DISCONNECT SWITCH, NUMBERS INDICATE FRAME SIZE, NUMBER OF POLES AND FUSING. PROVIDE NEMA 1 ENCLOSURE INSIDE. PROVIDE NEMA 3 ENCLOSURE FOR ALL SWITCHES LOCATED OUTSIDE.
	NON-FUSED INDICATES NON-FUSED.
	MOTOR STARTER INDICATES MOTOR STARTER OF TYPE TO SUIT LOAD.
	208Y/120V PANEL, SURFACE OR RECESS MOUNTED, SEE SCHEDULE FOR DETAILS.
	480Y/277V PANEL, SURFACE OR RECESS MOUNTED, SEE SCHEDULE FOR DETAILS.
	FAN, PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. PROVIDE DISCONNECTING MEANS AS REQUIRED.
	WATER HEATER, PROVIDED AND INSTALLED BY PLUMBING CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. PROVIDE DISCONNECTING MEANS AS REQUIRED.
	ELECTRIC UTILITY METER LOCATION.
	CABLE TV OUTLET, 18° A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE RG6 CABLE BACK TO SERVICE TERMINATION POINT.
	WALL MOUNTED JUNCTION BOXES FOR POWER AND DATA.

ISG

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PROJECT

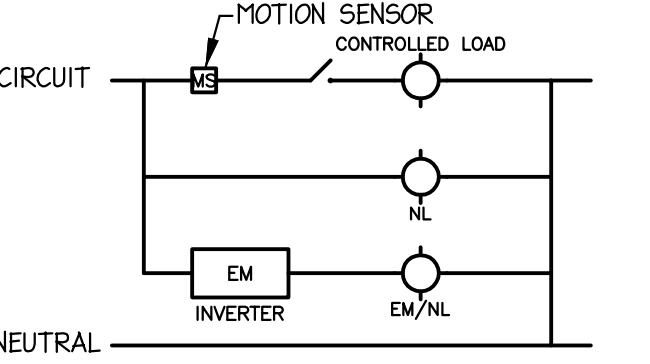
ISG RALEIGH
BUILD OUT

RALEIGH		NORTH CAROLINA	
REVISION SCHEDULE		BY	
DATE	DESCRIPTION		

PROJECT NO. ISG-2504
FILE NAME
DRAWN BY JRS
DESIGNED BY JRS
REVIEWED BY NIS
ORIGINAL ISSUE DATE 11/07/25
CLIENT PROJECT NO. 25-32986

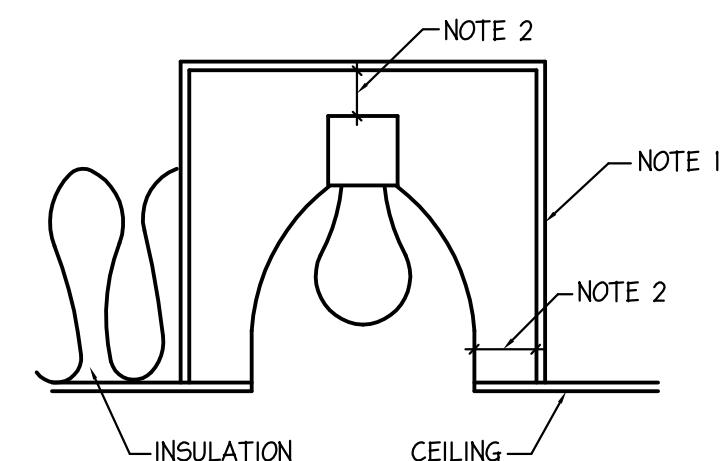
TITLE
**ELECTRICAL
FIXTURE
SCHEDULES**

SHEET
E0-02



MOTION SENSOR AHEAD OF LOCAL SWITCHING FOR CONTROLLED FIXTURES ONLY.

1 LIGHTING CONTROLS



2 RECESSED FIXTURE DETAIL

DIAGRAMMATIC ONLY

NOTES:

- CONTRACTOR SHALL BUILD A 5/8" TYPE X GYPOBOARD BOX AROUND ALL RECESSED FIXTURES INSTALLED IN RATED CEILINGS. THIS BOX SHALL BE IN ACCORDANCE WITH UL #L526 AND THIS DETAIL.
- PROVIDE A MINIMUM OF 6" BETWEEN GYPOBOARD AND FIXTURE HOUSING.
- PROGRESS LIGHTING FIREBOX SERIES OR EQUIVALENT TYPE FIXTURES MAY BE USED IN LIEU OF THE SYSTEM DESCRIBED ABOVE WHERE APPLICABLE.

MARK	MANUF.	CATALOG NUMBER	LAMP DATA		BALLAST DATA		INPUT WATTS	MOUNTING	DESCRIPTION
			NO.	TYPE	VOLTS	NO.			
A	H.E. WILLIAMS	DL-G-S-2-2-L32-90-35-DIM-UNV	-	LED 3500K	UNV	-	-	26	RECESSED/GRID CONFERENCE, OFFICES - 2'x2' RECESSED LED DIRECT/INDIRECT TROFFER.
B	3G LIGHTING	3G-4PLI-D500-H90-35K-UNV-DIM-FL-BK-S-6FT	-	LED 3500K	UNV	-	-	20	PENDANT (HEIGHT BY ARCH) RECEPTION - LINEAR LED PENDANT.
C	3G LIGHTING	3G-ARLI-D750-H90-35K-UNV-DIM-GCX-FL-S-8FT	-	LED 3500K	UNV	-	-	40	RECESSED OPEN OFFICE - RECESSED LINEAR LED; COORDINATE WITH EXISTING CEILING IN REQUIRED SPACES.
D	IN COMMON WITH	UP DOWN SCONCE ALL BLACK	2	4W 20W E12	I20	-	-	8	WALL (HEIGHT BY ARCH) CAFE SEATING - LED WALL SCONCE; PROVIDE TRIAC DIMMER.
E	H.E. WILLIAMS	6DR-TL-L20/935-DIM-UNV-F-M-OF-CS	-	LED 3500K	UNV	-	-	19	RECESSED RESTROOMS, LIBRARY - 6" ROUND LED DOWNLIGHT.
G	FINELITE	HP-WG-6W-SEE PLANS-5-935-5SA-277-5C-FC-10%-5W	-	LED 3500K	277	-	-	9/FT	WALL CAFE SEATING, HOSPITALITY BAR AREA - RECESSED PERIMETER LED WALL GAZER; I.D. TO CONFIRM DEPTH.
H	KELVIX	ENN-WL-35K-24V-E67-1-SEE PLANS	-	LED 3500K	24	-	-	5/FT	SURFACE/COVE CONFERENCE - FLEXIBLE LED COVE LIGHT; SEE ARCHITECTURAL DRAWINGS FOR FURTHER INFORMATION; XFMR TO BE ACCESSIBLE.
J	FLOS	FU315730 BLACK	2	60W G9 T4 HALOGEN	I20	-	-	I20	WALL (HEIGHT BY ARCH) CAFE SEATING - LED WALL SCONCE.
K	3G LIGHTING	3G-4RLI-D750-H90-35K-UNV-DIM-GCX-FL-S-14FT BLACK	-	LED 3500K	UNV	-	-	70	RECESSED SEATING AT FIRST FLOOR - RECESSED LINEAR LED.
L	EZO BORD	RAIL DIRECT/INDIRECT 8FT LENGTH; 12" HEIGHT	-	LED 3500K	277	-	-	I20	UNISTRUT ENTRY AT FIRST FLOOR - DIRECT/INDIRECT LED.
P	VISUAL COMFORT & CO.	KW 2282BZ-EC	-	LED	I20	-	-	9	WALL (HEIGHT BY ARCH) VANITY - LED WALL SCONCE WITH BRONZE FINISH AND ETCHED CRYSTAL GLASS.
T	TBD	TBD	-	LED	UNV	-	-	-	RECESSED LIBRARY - TEMPERATURE CONTROLLED LIGHTING.
EX	MULE	PVT - GC I20/277	-	LED	I20/277	-	-	44	UNIVERSAL EDGE-LIT LED EXIT SIGN W/ GREEN LETTERS, CLEAR PANEL AND BRUSHED ALUMINUM HOUSING. PROVIDE TWO-FACED OPTION AND/OR ARROWS WHERE NOTED ON PLAN.
GTD	PHILIPS BODINE	GTD	-	-	I20/277	-	-	-	SURFACE EMERGENCY GENERATOR TRANSFER DEVICE. SEE LIGHTING PLANS FOR LOCATIONS. CIRCUITS ARE DESIGNATED WITH ELLIPSES.
AA	LITHONIA	C 2 32 MVOLT ES	2	F32 T8	MULTI	I	ELECTRONIC	64	CABLE 40' GENERAL PURPOSE LIGHTING FIXTURE. RELOCATED FIXTURES IN I.T. I/II TO BE MOUNTED AT 8'-0" AFF. WITH AIRCRAFT CABLE.
CF-I	GREE	ZR22 32L 35K 10V	-	35W LED	MULTI	-	-	35	RECESSED 2x2' LAY-IN LED TROFFER.
RC-I	JUNO	SDS06 28302 SASF 3 PD	-	LED	277	-	-	49	RECESSED 6" SQUARE LED DOWNLIGHT.
SM-I	KENALL	MR13FFL PP MB 20L50K I DCC DV	-	LED	277	-	-	20	SURFACE FLAT FACE LOW PROFILE SURFACE LED; COORDINATE FINISH WITH ARCHITECT.

LIGHTING FIXTURE SCHEDULE NOTES:

- CATALOG NUMBERS AND MANUFACTURERS ARE TO INDICATE TYPE AND QUALITY OF FIXTURE DESIRED. SUBMIT CUTSHEETS OF THESE AND ALTERNATE MANUFACTURERS FOR ARCHITECT AND OWNER APPROVAL PRIOR TO PURCHASE OF ANY FIXTURES. INFORMATION ON ALTERNATE FIXTURES PROPOSED BY THE CONTRACTOR SHALL INCLUDE THE ADD/DUCT ASSOCIATED WITH ACCEPTANCE OF THAT FIXTURE (OR THE ALTERNATE PACKAGE AS A WHOLE).
- EXIT AND EMERGENCY LIGHTING FIXTURES SHALL BE CIRCUITED TO AN UNSHUTTED LEG OF THE LOCAL LIGHTING CIRCUIT, UNLESS NOTED OTHERWISE.
- PROVIDE DISCONNECT FOR LUMINAIRES WITH LINEAR FLUORESCENT LAMPS AND/OR SERVICEABLE BALLASTS PER NEC 410.19(G).
- WHERE FIXTURE IS LOCATED RECESSED IN A RATED FLOOR/CEILING ASSEMBLY PROVIDE WITH TENMAT 1-HOUR OR 2-HOUR FIRE RATED LIGHT COVER TO MATCH ASSEMBLY RATING.
- COLOR TEMPERATURES OF LED LAMPS AND TRIMS SHALL BE CONFIRMED WITH THE ARCHITECT; GENERAL BASIS OF DESIGN IS 90CRI AND 3500K.
- CLEAN AND RELAMP ALL EXISTING FIXTURES PRIOR TO OWNER SIGN-OFF.
- ALL RECESSED LIGHTS SHALL BE CENTERED IN RESPECTIVE CEILING TILE, UON.
- COORDINATE PENDANT LIGHT FIXTURE LOCATIONS WITH ARCHITECT.
- CONTRACTOR TO VERIFY QUANTITIES.
- CONFIRM MANUFACTURER, TYPE AND FINISH OF ALL LIGHTING FIXTURES AND ACCESSORIES WITH ARCHITECT AND OWNER PRIOR TO PURCHASE AND INSTALLATION.

LIGHTING SYSTEMS
ENERGY CONSERVATION CODE SECTION 405THIS PROJECT IS CLASSIFIED AS - RESIDENTIAL COMMERCIAL (SEE BELOW)

LIGHTING POWER DENSITY CALCULATION COMPLIANCE

INTERIOR LIGHTING POWER DENSITY CALCULATION PER TABLE 405.4.2. SEE LIGHTING FIXTURE SCHEDULE FOR FIXTURE INFORMATION.

INTERIOR WATTAGE SPECIFIED VS. ALLOWED VS. X

EXTERIOR LIGHTING POWER DENSITY CALCULATION PER TABLE 405.6.2. SEE LIGHTING FIXTURE SCHEDULE FOR FIXTURE INFORMATION.

TRADABLE EXTERIOR WATTAGE SPECIFIED VS. ALLOWED EXIST VS. EXISTNONTRADABLE EXTERIOR WATTAGE SPECIFIED VS. ALLOWED NA VS. NA

DESIGNER STATEMENT:

TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DESIGN OF THIS BUILDING COMPLIES WITH THE LIGHTING SYSTEMS REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE, SECTION 505 AND ANY LOCAL AMENDMENTS THEREOF.

SIGNED:
NAME: HEATH SMITH, PE
TITLE: ELECTRICAL ENGINEERSECTION 406 COMPLIANCE - N/A 40611 40612 40613 40614 40615 40616

ISG



A circular stamp with a decorative border. The text inside is arranged in several lines: 'NORTH CAROLINA' at the top, 'PRELIMINARY' in large letters, 'LIGHTHOUSE' below it, 'ENGINEERING PLAN' to the right, 'CONSTRUCTION' to the left, 'CERTIFICATE' at the bottom left, and 'C-2714' at the bottom right. The stamp is oriented vertically.

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ISG RALEIGH BUILD OUT

AI EIGH NORTH CAROLINA

NORTH CAROLINA

10 of 10

ELECTRICAL LIGHTING PLANS FIRST FLOOR

HEFT

GENERAL NOTES: (ELECTRICAL LIGHTING PLANS)

- I. EXISTING DEVICES ARE SHOWN FAINT; NEW DEVICES ARE SHOWN **BOLD**. FIELD VERIFY EXACT LOCATION OF ALL DEVICES PRIOR TO STARTING WORK. EXISTING DEVICES SHALL REMAIN, UNLESS OTHERWISE NOTED.
 2. EXISTING INFORMATION WAS OBTAINED FROM EXISTING PERMIT DRAWINGS DATED 05-19-15. E.C. SHALL VERIFY ALL FIELD CONDITIONS PRIOR TO BIDDING AND BEGINNING WORK.
 3. E.C. SHALL COORDINATE THE REUSE OF ANY EXISTING ITEMS WITH OWNER PRIOR TO BEGINNING WORK. E.C. SHALL PROVIDE A DEDUCT FOR REUSE OF ANY ITEMS THAT ARE NOT CURRENTLY SHOWN TO BE REUSED.
 4. LIGHTING LAYOUT AND SWITCH LOCATIONS (INCLUDING DIMMING CONTROL AND REQUIREMENTS) SHALL BE COORDINATED WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION; LIGHTING LAYOUTS INDICATED ARE SCHEMATIC. EACH SWITCH SHALL BE LABELED TO INDICATE THE AREA SERVED AND SHALL HAVE ON/OFF MARKS.
 5. G.C. TO COORDINATE WITH ARCHITECT AND OWNER TO DETERMINE FINAL LOCATIONS PRIOR TO ROUGH-IN. ALL LIGHT FIXTURE LOCATIONS AND DIMENSIONS SHALL BE COORDINATED WITH ARCHITECT PRIOR TO INSTALLATION.
 6. G.C. TO COORDINATE "BOX WALK" FOR APPROVAL OF ALL DEVICE LOCATIONS WITH OWNER PRIOR TO BEGINNING ROUGH-IN WORK.
 7. PROVIDE RIGID SUPPORT FOR ALL PENDANT LIGHT FIXTURES; PAINT TO MATCH CEILING AS REQUIRED.
 8. PAINT ALL EXPOSED STRUCTURE, DUCTWORK, CONDUIT, ETC. OVERHEAD COLOR AS SELECTED BY OWNER.

TAGGED NOTES: (ELECTRICAL PIONEER(PLAIN))

- 1 COORDINATE DEXACTIF FROM SIANQUNDOMIAL ELECTRICAL
BIBQIREKINEN TEGRASSI (SIGNATNG). PRDIFTE DIPRIMERO
BEGWINDUNG SWERK. PERMIT, IS ADEQUATE AND FULLY
OPERATIONAL. CLEAN AND RELAMP FIXTURES AS
REQUIRDEXAE TNOTLIENTENGANGNIE. COCATIPRINOWDEHANAREA
INJECTIA MU. INSCREQURED.

NOTE:

ANY CIRCUIT NUMBERS PROVIDED FOR EXISTING DEVICES ARE FOR GUIDANCE ONLY AND SHALL NOT BE RELIED UPON FOR SAFETY PURPOSES. THE INTENT IS FOR EXISTING DEVICES ON THIS PLAN TO REMAIN CIRCUITED AS IS, AND THE CONTRACTOR SHALL ADJUST CIRCUIT ASSIGNMENTS WITHIN A PANEL TO SUIT EXISTING CONDITIONS.

12.3

ELECTRICAL LIGHTING - FIRST FLOOR

MATCHLINE — — —

WATCHLINE

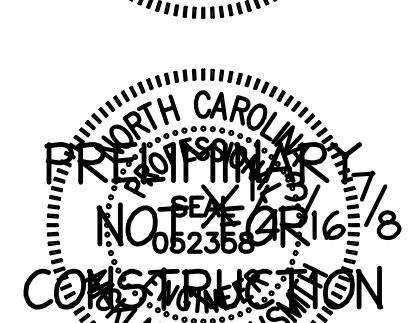
IIC 0504 E1 01A ELECTRICAL LIGHTING PLANS FIRST FLOOR

PRELIMINARY NOT FOR CONSTRUCTION PRELIMINARY NOT FOR CONSTRUCTION

ISG



MECHANICAL ELECTRICAL PLUMBING



C:\U\U\161

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PROJECT

ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

DATE	DESCRIPTION	BY

PROJECT NO. ISG-2504

FILE NAME

DRAWN BY JRS

DESIGNED BY JRS

REVIEWED BY NHS

ORIGINAL ISSUE DATE 11/07/25

CLIENT PROJECT NO. 25-32986

TITLE

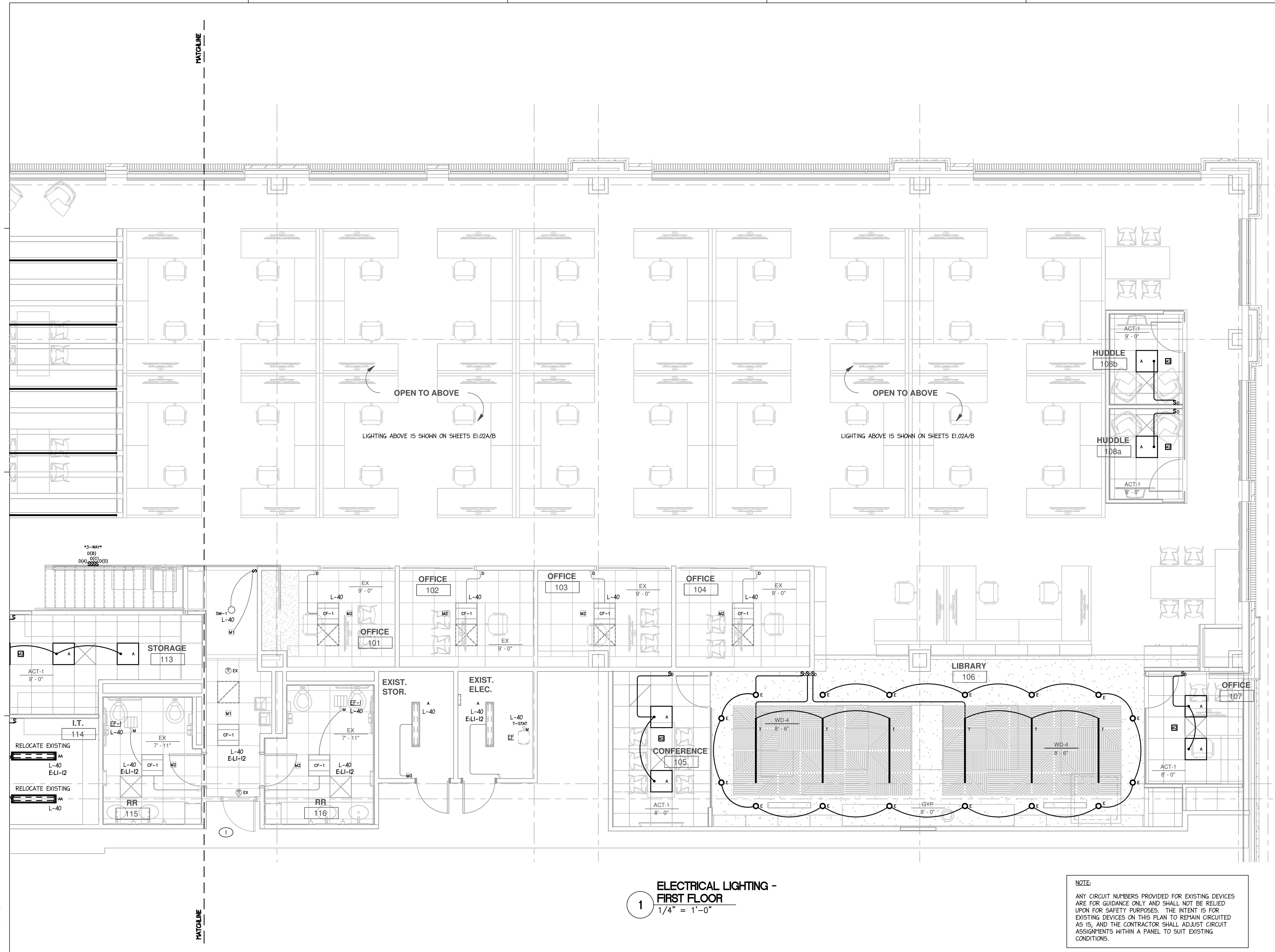
ELECTRICAL LIGHTING PLANS - FIRST FLOOR

SHEET

E1-01B

1 ELECTRICAL LIGHTING -
FIRST FLOOR
1/4" = 1'-0"

NOTE:
ANY CIRCUIT NUMBERS PROVIDED FOR EXISTING DEVICES
ARE FOR GUIDANCE ONLY AND SHALL NOT BE RELIED
UPON FOR SAFETY PURPOSES. THE INTENT IS FOR
EXISTING DEVICES ON THIS PLAN TO REMAIN CIRCUITED
AS IS, AND THE CONTRACTOR SHALL ADJUST CIRCUIT
ASSIGNMENTS WITHIN A PANEL TO SUIT EXISTING
CONDITIONS.





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PROJECT

ISG RALEIGH
BUILD OUT

RALEIGH NORTH CAROLINA

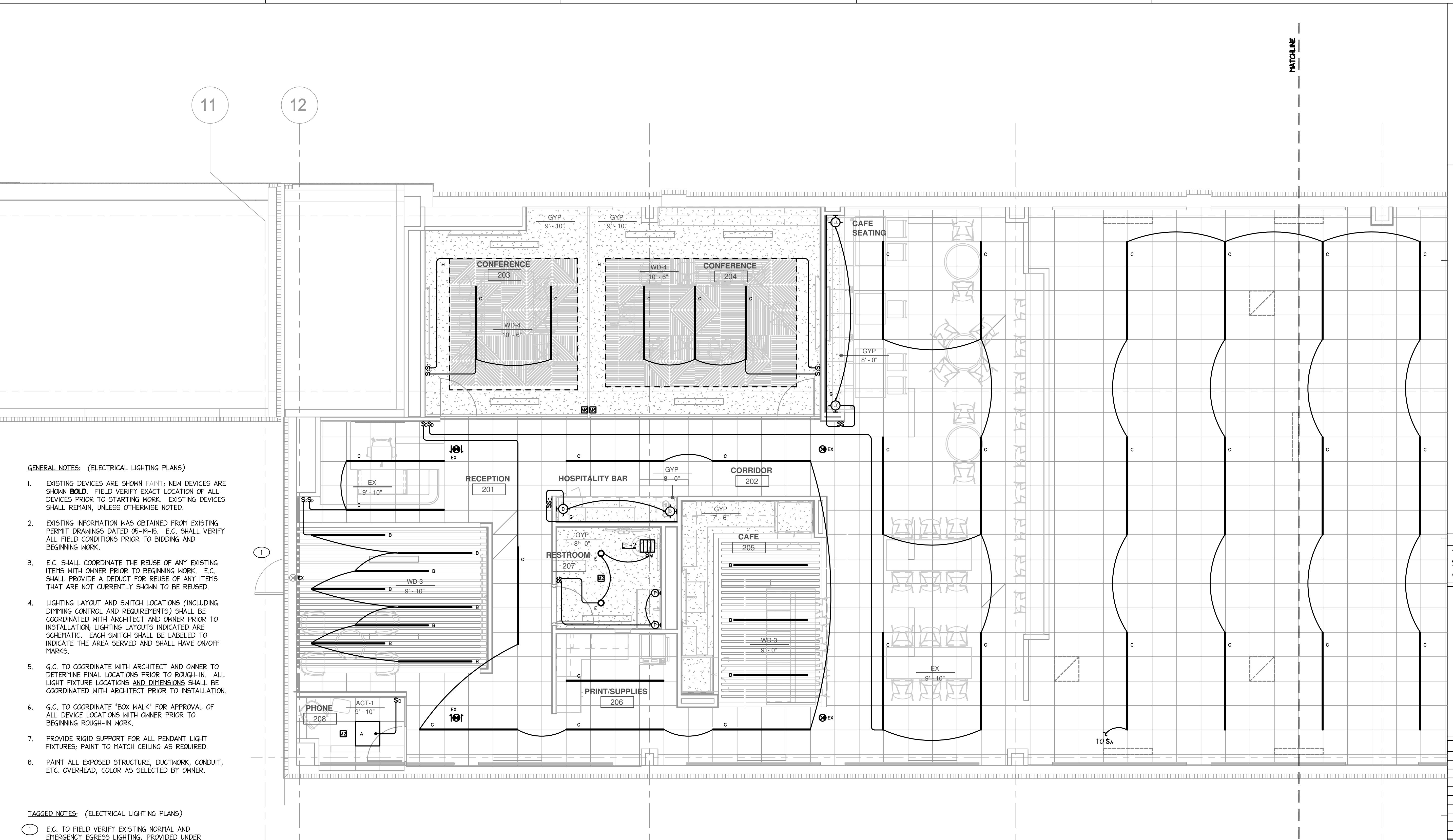
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PROJECT NO. ISG-2504
FILE NAME
DRAWN BY JRS
DESIGNED BY JRS
REVIEWED BY NHS
ORIGINAL ISSUE DATE 11/07/25
CLIENT PROJECT NO. 25-32986

TITLE
**ELECTRICAL
LIGHTING PLANS
- SECOND FLOOR**

SHEET

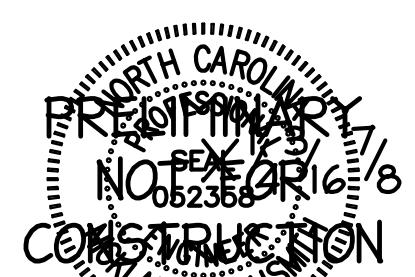
E1-02A



1 ELECTRICAL LIGHTING -
SECOND FLOOR
1/4" = 1'-0"

PRELIMINARY NOT FOR CONSTRUCTION

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ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO. ISG-2504

FILE NAME

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DESIGNED BY JRS

REVIEWED BY NHS

ORIGINAL ISSUE DATE 11/07/25

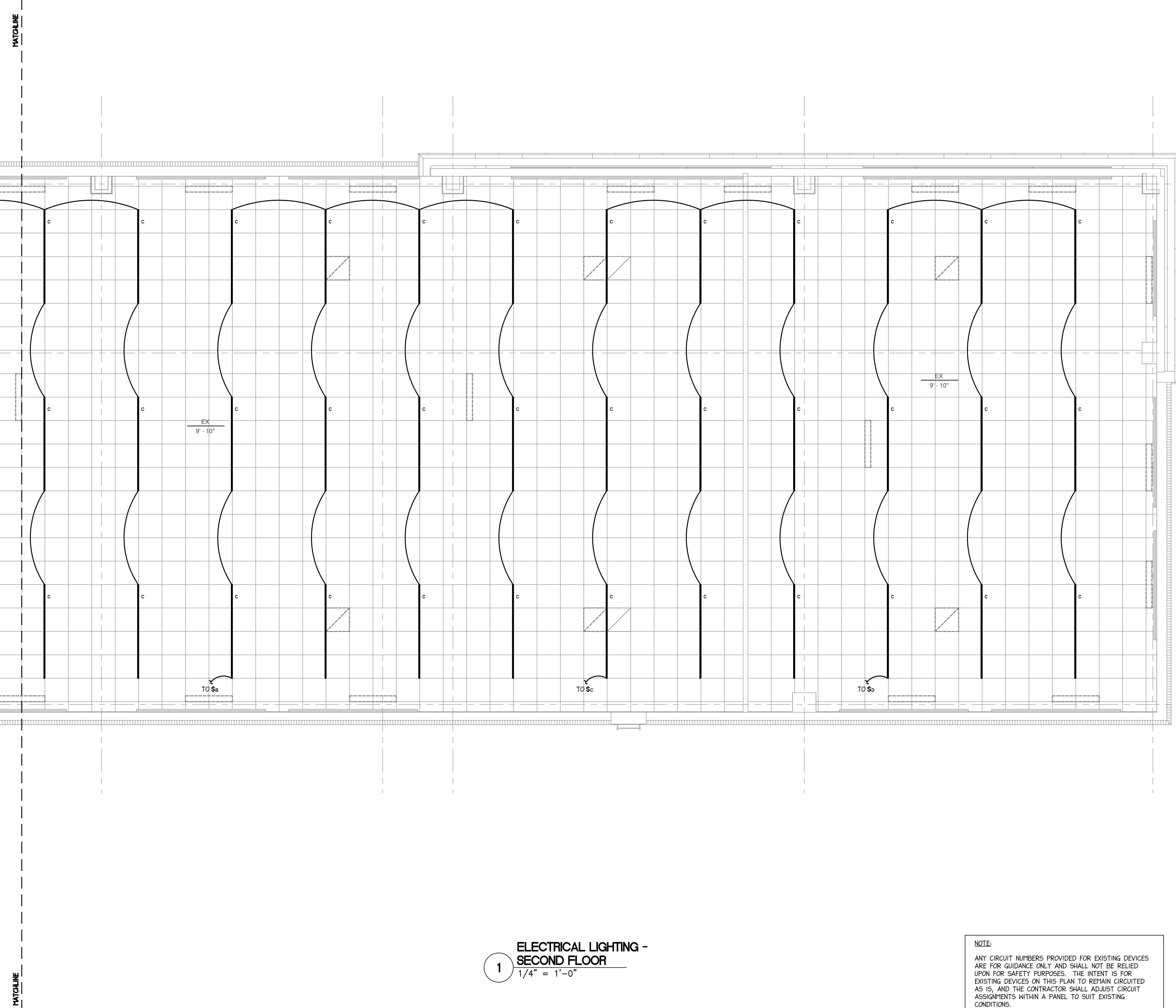
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TITLE

ELECTRICAL LIGHTING PLANS - SECOND FLOOR

SHEET

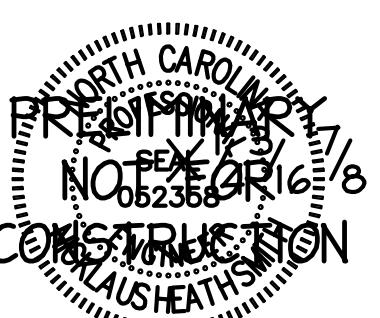
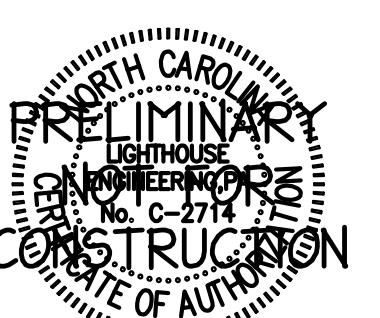
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ISG RALEIGH BUILD OUT

RALEIGH **NORTH CAROLINA**

TITLE

ELECTRICAL POWER PLANS - FIRST FLOOR

SHEET

GENERAL NOTES: (ELECTRICAL POWER PLANS)

- I. EXISTING DEVICES ARE SHOWN FAINT; NEW DEVICES ARE SHOWN **BOLD**. FIELD VERIFY EXACT LOCATION OF ALL DEVICES PRIOR TO STARTING WORK. EXISTING DEVICES SHALL REMAIN, UNLESS OTHERWISE NOTED.
 2. EXISTING INFORMATION WAS OBTAINED FROM EXISTING PERMIT DRAWINGS DATED 05-19-15. E.C. SHALL VERIFY ALL FIELD CONDITIONS PRIOR TO BIDDING AND BEGINNING WORK.
 3. E.C. SHALL COORDINATE THE REUSE OF ANY EXISTING ITEMS WITH OWNER PRIOR TO BEGINNING WORK. E.C. SHALL PROVIDE A DEDUCT FOR REUSE OF ANY ITEMS THAT ARE NOT CURRENTLY SHOWN TO BE REUSED.
 4. COORDINATE ALL DEVICE LOCATIONS (INCLUDING CEILING DEVICES) WITH OTHER TRADES TO KEEP CONFLICTS TO A MINIMUM.
 5. ALL CIRCUITS ARE SHOWN TO PANEL "PA", UON.
 6. ALL DATA OUTLETS TO BE DUPLEX, UON.
 7. E.C. SHALL COORDINATE WITH A.V. INSTALLER, DATA INSTALLER, I.T. PROVIDER AND TENANT TO CONFIRM ALL ITEMS ARE PROVIDED AS REQUIRED FOR A COMPLETE, OPERATIONAL SYSTEM.
 8. CONTRACTOR SHALL BOND ALL CABLE TRAY, RACEWAYS, AND EQUIPMENT RACKS IN SERVER I2I PER NEC 392.60(C).
 9. G.C. TO COORDINATE "BOX WALK" FOR APPROVAL OF ALL DEVICE LOCATIONS WITH OWNER PRIOR TO BEGINNING ROUGH-IN WORK

TAGGED NOTES: (ELECTRICAL POWER PLANS)

- 1 COORDINATE EXACT ROOM LAYOUT AND ELECTRICAL REQUIREMENTS WITH TENANT/I.T. DEPT. PRIOR TO BEGINNING WORK.
 - 2 CONFIRM EXACT MOUNTING AND LOCATION IN THIS AREA WITH MILLWORK.
 - 3 PROVIDE ELECTRICAL CONNECTION FOR MOTORIZED SHADE; SEE ARCHITECTURAL PLANS AND ELEVATIONS FOR FURTHER INFORMATION. COORDINATE CONTROLS WITH OWNER AND REQUIREMENTS WITH MANUFACTURER.

NOTE.

ANY CIRCUIT NUMBERS PROVIDED FOR EXISTING DEVICES ARE FOR GUIDANCE ONLY AND SHALL NOT BE RELIED UPON FOR SAFETY PURPOSES. THE INTENT IS FOR EXISTING DEVICES ON THIS PLAN TO REMAIN CIRCUITED AS IS, AND THE CONTRACTOR SHALL ADJUST CIRCUIT ASSIGNMENTS WITHIN A PANEL TO SUIT EXISTING CONDITIONS.

12.3

ELCTRICAL POWER - IRST FLOOR

MATCHLINE

MATCHLINE

1000A 200A ELECTRICAL POWER IN AND FIRST FLOOR 200A

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PROJECT

ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

DATE	DESCRIPTION	BY

PROJECT NO. ISG-2504

FILE NAME

DRAWN BY JRS

DESIGNED BY JRS

REVIEWED BY NJS

ORIGINAL ISSUE DATE 11/07/25

CLIENT PROJECT NO. 25-32986

TITLE

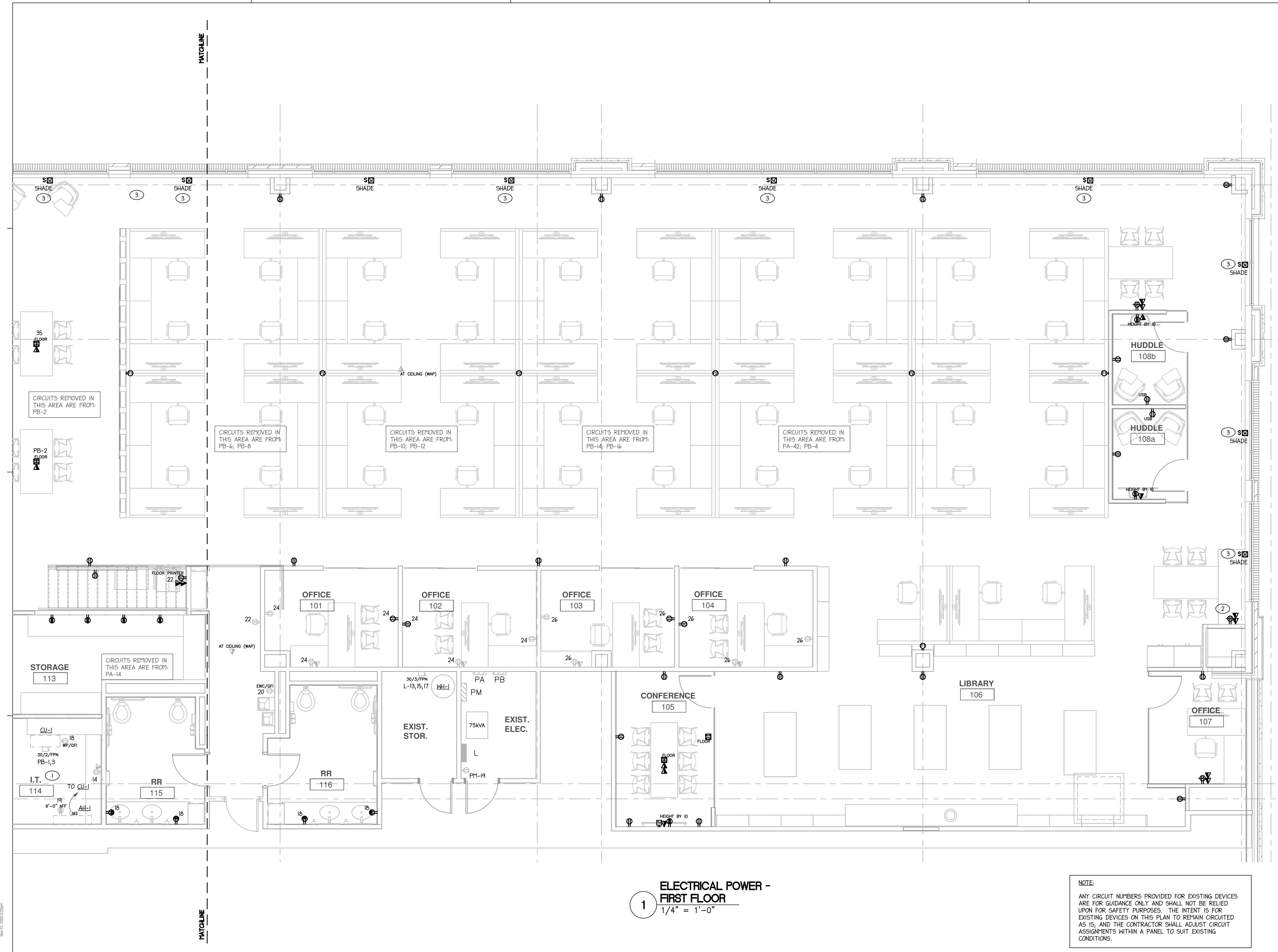
ELECTRICAL POWER PLANS - FIRST FLOOR

SHEET

E2-01B

1 ELECTRICAL POWER -
FIRST FLOOR
1/4" = 1'-0"

NOTE:
ANY CIRCUIT NUMBERS PROVIDED FOR EXISTING DEVICES
ARE FOR GUIDANCE ONLY AND SHALL NOT BE RELIED
UPON FOR SAFETY PURPOSES. THE INTENT IS FOR
EXISTING DEVICES ON THIS PLAN TO REMAIN CIRCUITED
AS IS, AND THE CONTRACTOR SHALL ADJUST CIRCUIT
ASSIGNMENTS WITHIN A PANEL TO SUIT EXISTING
CONDITIONS.

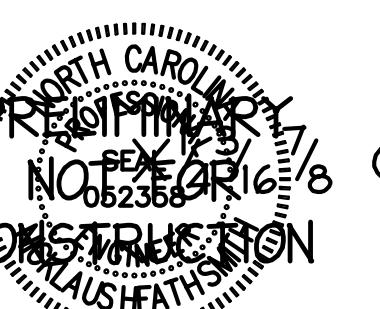


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MECHANICAL ELECTRICAL PLUMBING



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RALEIGH NORTH CAROLINA

REVISION SCHEDULE		
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FILE NAME

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REVIEWED BY NHS

ORIGINAL ISSUE DATE 11/07/25

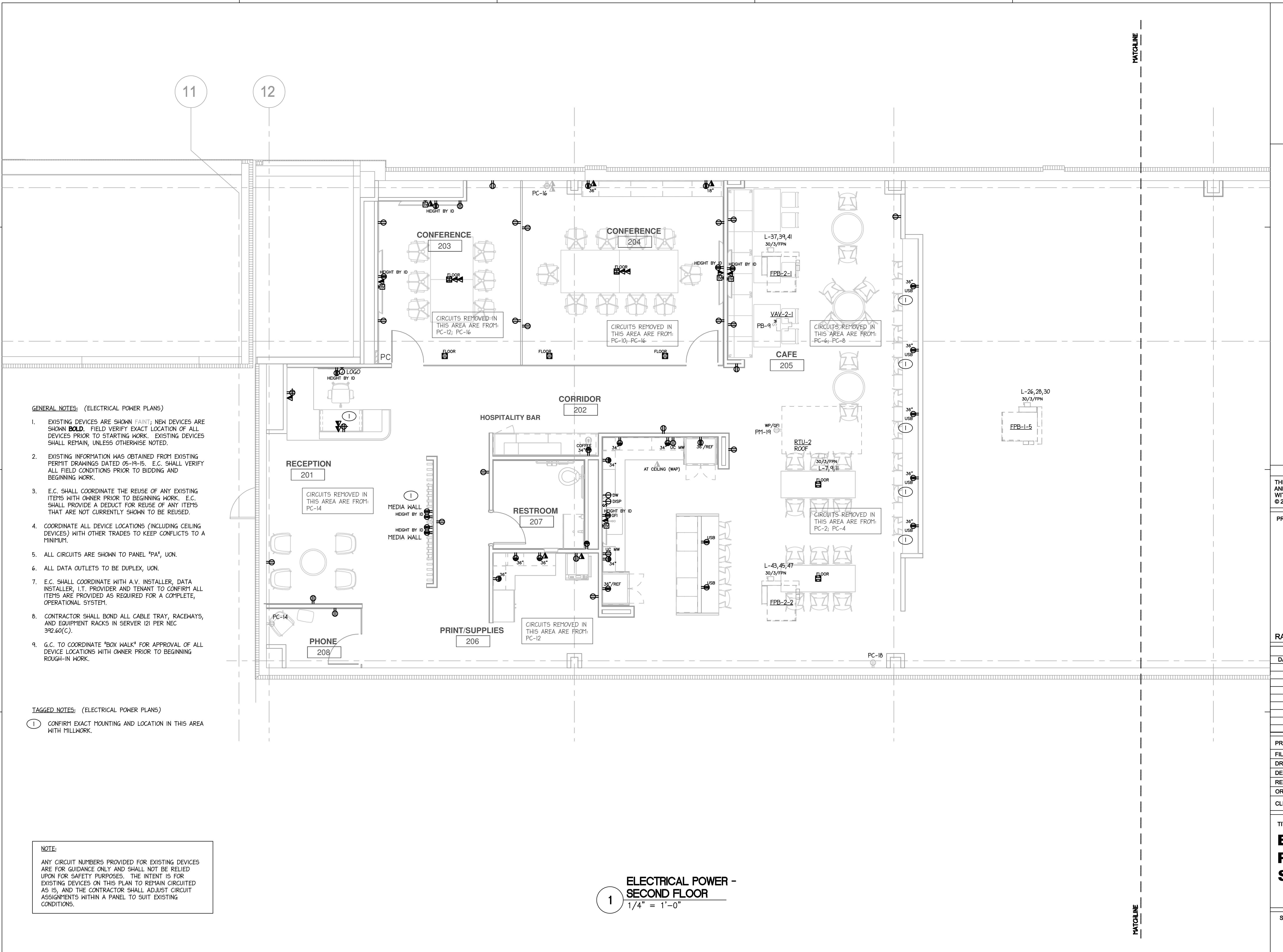
CLIENT PROJECT NO. 25-32986

TITLE

ELECTRICAL POWER PLANS - SECOND FLOOR

SHEET

E2-02A





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CLIENT PROJECT NO. 25-32986

TITLE

ELECTRICAL POWER PLANS - SECOND FLOOR

SHEET

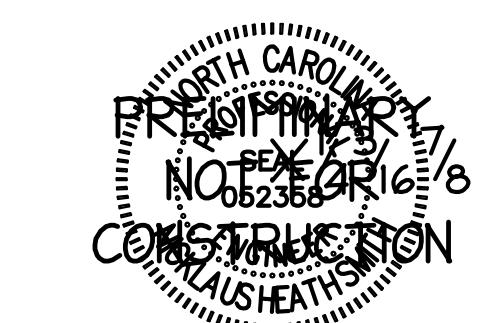
E2-02B

1 ELECTRICAL POWER -
SECOND FLOOR
1/4" = 1'-0"

NOTE:
ANY CIRCUIT NUMBERS PROVIDED FOR EXISTING DEVICES
ARE FOR GUIDANCE ONLY AND SHALL NOT BE RELIED
UPON FOR SAFETY PURPOSES. THE INTENT IS FOR
EXISTING DEVICES ON THIS PLAN TO REMAIN CIRCUITED
AS IS, AND THE CONTRACTOR SHALL ADJUST CIRCUIT
ASSIGNMENTS WITHIN A PANEL TO SUIT EXISTING
CONDITIONS.



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PANEL "L" LOAD SUMMARY					
LOAD TYPE	KVA CONN	DEM FACT	KVA DEM		
LOADS ON 400AMP MCB					
LIGHTS	6.5	1.25	8.1		
RECEPTACLES	1ST 10kVA	10.0	1.0	10.0	
	REMAINDER	5.2	0.5	2.6	
HVAC	LARGEST MOTOR	37.2	1.25	46.5	
	REMAINDER	121.4	1.0	121.4	
WATER HEATERS		10.1	1.0	10.1	
KITCHEN EQUIPMENT		8.9	1.0	8.9	
LAUNDRY EQUIPMENT		-	1.0	-	
EQUIPMENT		25.6	1.0	25.6	
MISCELLANEOUS		-	1.0	-	
TOTALS		224.9		233.2	
TOTAL AMPS @ 480V 3Ø	281				

EXISTING PANEL: L					
3 PHASE 4 WIRE SURFACE MOUNTED NEMA 1					
LOAD PER PHASE					
- DESCRIPTION -	POLE	WIRE SIZE	BRK SIZE	CCT #	A B C
RTU-1	3	4	70	1	124/5.9
				3	124/5.9
				5	124/5.9
				7	45/5.9
				9	45/5.9
				10	46/5.9
				12	
RTU-2	3	10	25	1	20/5.2
				3	20/5.2
				5	20/5.2
				7	20/5.2
				14	
WH-1	3	12	20	1	20/5.2
				3	20/5.2
				5	20/5.2
				16	
				17	20/5.2
SPACE	1	-	-	18	
				20	
SPACE	1	-	-	21	
				22	
SPACE	1	-	-	23	
				24	
				26	
PANEL "PM"	3	2	110	1	18.5/6.2
				3	18.5/6.2
				28	5.7/6.2
				30	10
				3	FPB-I-5
SPACE	1	-	-	31	
				32	
SPACE	1	-	-	33	
				34	
SPARE	1	-	-	35	
				36	
FPB-2-1	3	12	15	1	1.8/1.5
				3	1.8/1.5
				5	1.8/1.5
				7	1.8/1.5
				9	1.8/1.5
				10	1.8/0.7
				12	1.8/0.7
FPB-2-2	3	12	20	1	3.5/1.6
				3	3.5/0.6
				5	3.5/0.6
				7	3.5/0.2
				12	1.8/1.5
SPACE	1	-	-	41	
				51	
SPACE	1	-	-	53	
				54	
				76.3	74.4
				74.2	
TOTAL CONNECTED KVA	224.9				
PANEL RMS SYM. AMPS: SEE RISER					
DEMAND KVA: 233.2					
DEMAND AMPS: 281					

PANEL "PM" LOAD SUMMARY					
LOAD TYPE	KVA CONN	DEM FACT	KVA DEM		
LOADS ON 250AMP MCB					
LIGHTS	-	1.25	-		
RECEPTACLES	1ST 10kVA	10.0	1.0	10.0	
	REMAINDER	5.2	0.5	2.6	
HVAC	LARGEST MOTOR	-	1.25	-	
	REMAINDER	-	1.0	-	
WATER HEATERS	-	1.0	-		
KITCHEN EQUIPMENT	-	8.9	1.0	8.9	
LAUNDRY EQUIPMENT	-	1.0	-		
EQUIPMENT	-	4.2	1.0	4.2	
MISCELLANEOUS	-	1.0	-		
TOTALS		25.3		24.2	
TOTAL AMPS @ 208V 3Ø	67.2				

EXISTING PANEL: PM					
LOAD TYPE	KVA CONN	DEM FACT	KVA DEM		
LOADS ON 250AMP MCB					
LIGHTS	-	1.25	-		
RECEPTACLES	1ST 10kVA	10.0	1.0	10.0	
	REMAINDER	5.2	0.5	2.6	
HVAC	LARGEST MOTOR	2.8	1.25	3.5	
	REMAINDER	1.5	1.0	1.5	
WATER HEATERS	-	1.0	-		
KITCHEN EQUIPMENT	-	8.9	1.0	8.9	
LAUNDRY EQUIPMENT	-	1.0	-		
EQUIPMENT	-	25.6	1.0	25.6	
MISCELLANEOUS	-	1.0	-		
TOTALS		54.0		52.1	
TOTAL AMPS @ 208V 3Ø	144.6				

EXISTING LOADS ARE SHOWN FAINT; NEW AND/OR REVISED LOADS ARE SHOWN **BOLD**.
1. PANEL IS EQUAL TO SQUARE D NO.

2. PROVIDE SNID/HID RATED BREAKERS FOR LIGHTING CIRCUITS.

3. PROVIDE HACR BREAKERS FOR HVAC EQUIPMENT.

4. PROVIDE RELAY FOR CONTROL OF EXHAUST FANS AS REQUIRED. COORDINATE WITH M.C.

5. TC - CIRCUIT VIA MULTI-POLE 24-HR, 7-DAY TIMECLOCK. LOCATE TIMECLOCK ADJACENT TO PANEL.

TC - CIRCUIT VIA MULTI-POLE 24-HR, 7-DAY TIMECLOCK. LOCATE TIMECLOCK ADJACENT TO PANEL.

EXISTING PANEL: PA					
3 PHASE 4 WIRE SURFACE MOUNTED NEMA 1					
LOAD PER PHASE					
- DESCRIPTION -	POLE	WIRE SIZE	BRK SIZE	CCT #	A B C
SPARE	1	-	20	1	-.04
SPARE	1	-	20	3	-.04
SPARE	1	-	20	5	-.07
SPARE	1	-	20	7	-.07
SPARE	1	-	20	9	-.05
SPARE	1	-	20	11	-.05
SPARE	1	-	20	13	-.05
SPARE	1	-	20	15	-.04
SPARE	1	-	20	17	-.05
REC: COPY AREA	1	12	20	17	0.4/0.5
REC: CONDENSATE PUMP	1	12	20	18	0.4/0.6
SPARE	1	-	20	21	-.08
SPARE	1	-	20	23	-.12
SPARE	1	-	20	25	-.11
SPARE	1	-	20	27	-.10
SPARE	1	-	20	29	-.07
SPARE	1				

ISG



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FEEDER SCHEDULE

STD. FUSE OR C/B TRIP SIZE	# OF SETS	BUILDING WIRE QUANTITY & SIZE. COPPER	MINIMUM CONDUIT SIZE
30	1	4 #10, #8 G	3/4"
60	1	4 #4, #8 G	1"
70	1	4 #4, #8 G	1 1/4"
100	1	4 #2, #8 G	1 1/4"
110	1	4 #2, #6 G	1 1/4"
125	1	4 #1, #6 G	1 1/2"
150	1	4 #1/0, #6 G	2"
175	1	4 #2/0, #6 G	2"
200	1	4 #3/0, #6 G	2"
225	1	4 #4/0, #4 G	2 1/2"
250	1	4 - 250kCM, #4 G	2 1/2"
300	1	4 - 350kCM, #4 G	3"
400	2	4 #3/0, #3 G	3"
600	2	4 - 350kCM, #1 G	3"
800	3	4 - 300kCM, #1/0 G	3"
1000	3	4 - 400kCM, #2/0 G	3"
1200	4	4 - 350kCM, #3/0 G	3"
1600	5	4 - 400kCM, #3/0 G	3"
4000	12	4 - 400kCM, #3/0 G	3"

NOTES:

1. ALL FEEDER SIZES LISTED MAY NOT BE USED IN PROJECT RISER DIAGRAM.
2. ELECTRICAL CONTRACTOR TO VERIFY CONDUIT SIZE REQUIRED FOR ACTUAL WIRE TYPES USED.
3. REFER TO LATEST EDITION OF NEC FOR CONDUIT TYPES REQUIRED PER THEIR LOCATION. IF CONDUIT OTHER THAN 'EMT' IS REQUIRED USE SIZE PER MAXIMUM FILL TABLES.
4. FEEDER SIZES SHOWN IN PROJECT RISER WITH A "N" ARE 3 ϕ , 3 WIRE FEEDERS, A NEUTRAL WIRE IS NOT REQUIRED.

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ISG RALEIGH BUILD OUT

RAI EIGH NORTH CAROLINA

PROJECT NO ISG-2504

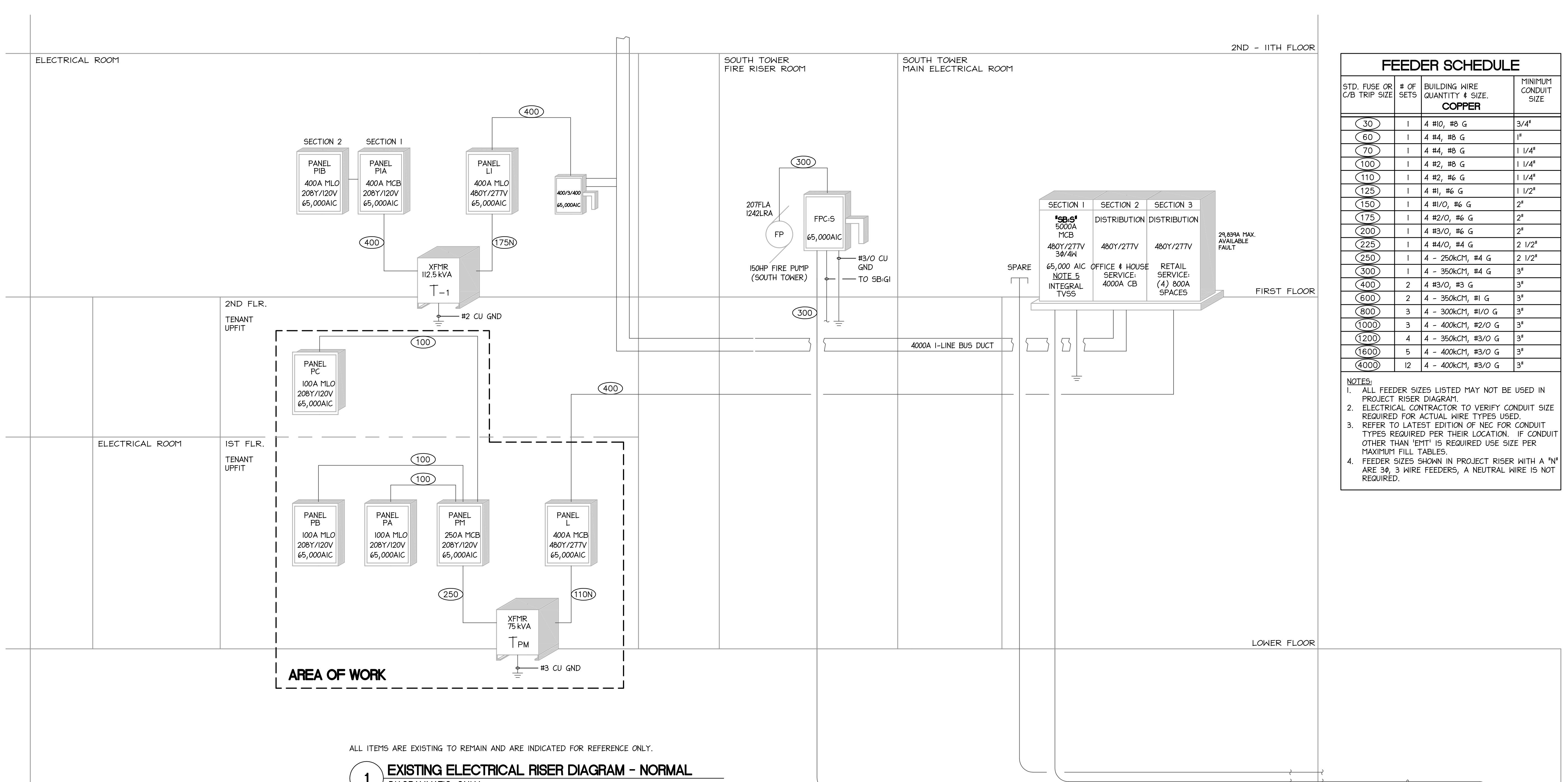
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DESIGNED BY JRS
REVIEWED BY NHS
ORIGINAL ISSUE DATE 11/07/25

TITLE

ELECTRICAL RISER DIAGRAM - NORMAL

SHEET

E3-02



ALL ITEMS ARE EXISTING TO REMAIN AND ARE INDICATED FOR PREFERENCE ONLY

1 EXISTING ELECTRICAL DIAGRAMMATIC ONLY

E.C. TO FIELD VERIFY ALL EXISTING CONDITIONS AND LOCATIONS OF EQUIPMENT PRIOR TO BEGINNING WORK

MAXIMUM AVAILABLE FAULT CURRENT IS BASED ON A 1500kVA
UTILITY TRANSFORMER WITH 5.3%. CONTRACTOR SHALL NOTIFY
ENGINEER IMMEDIATELY IF TRANSFORMER CHARACTERISTIC
INDICATE A HIGHER FAULT CURRENT IS POSSIBLE.

MAXIMUM AVAILABLE FAULT CURRENT IS BASED ON A 1500kVA
UTILITY TRANSFORMER WITH 5.3%. CONTRACTOR SHALL NOTIFY
ENGINEER IMMEDIATELY IF TRANSFORMER CHARACTERISTIC
INDICATE A HIGHER FAULT CURRENT IS POSSIBLE.

ISG-2504-E3-02-ELECTRICAL RISER DIAGRAM-NORMAL.dwg
Nov 07, 2025 2:32pm

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ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

DATE	DESCRIPTION	BY

PROJECT NO. ISG-2504

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REVIEWED BY NHS

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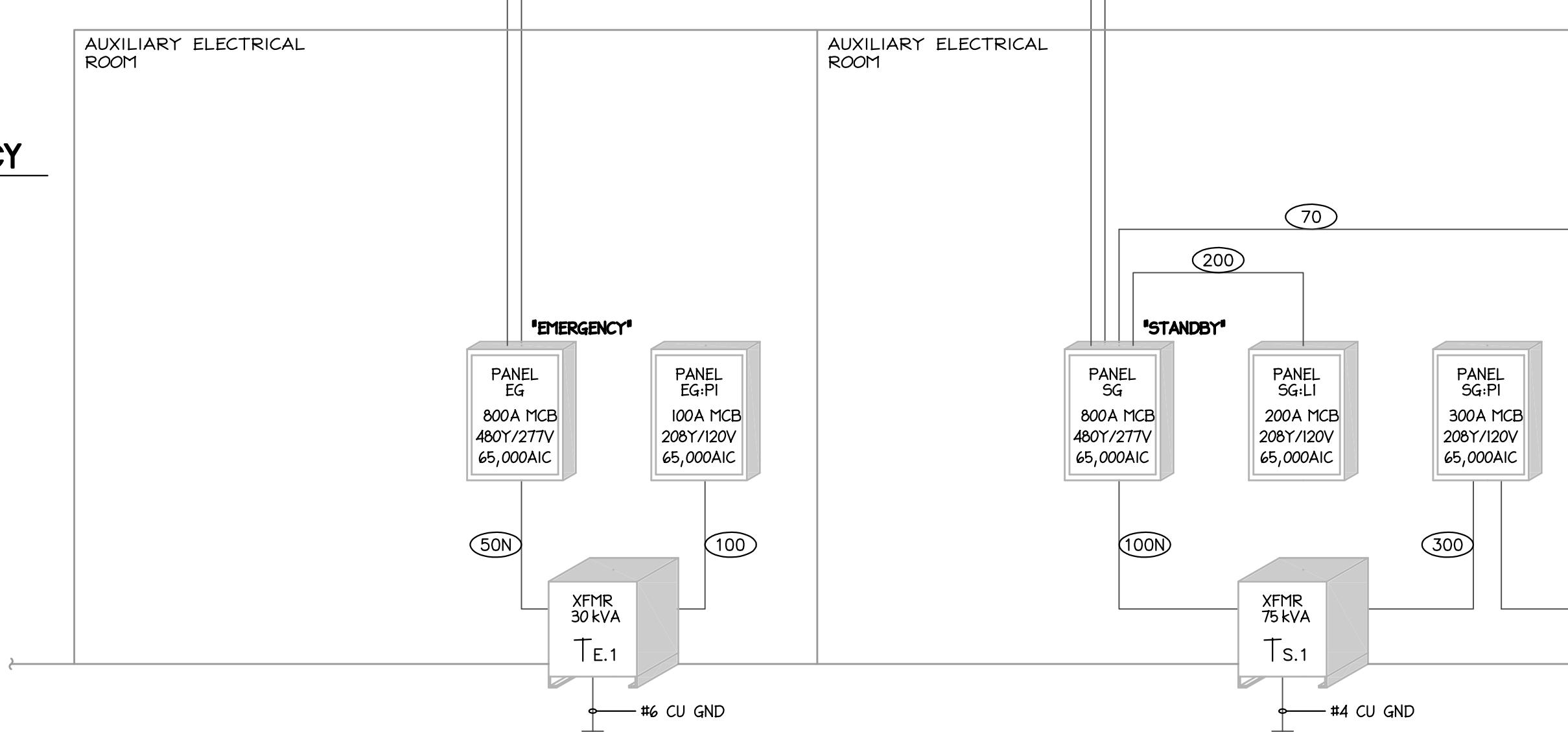
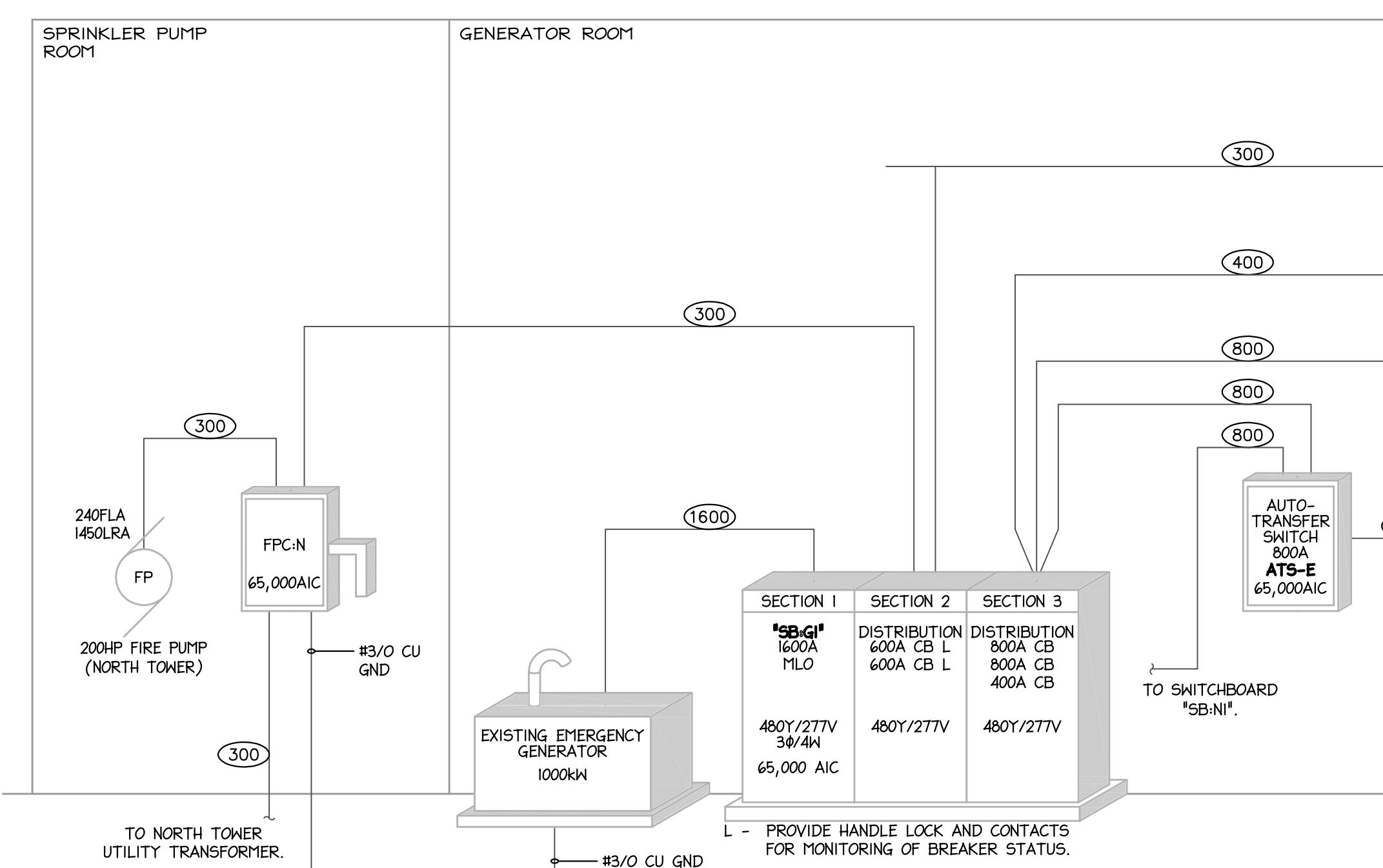
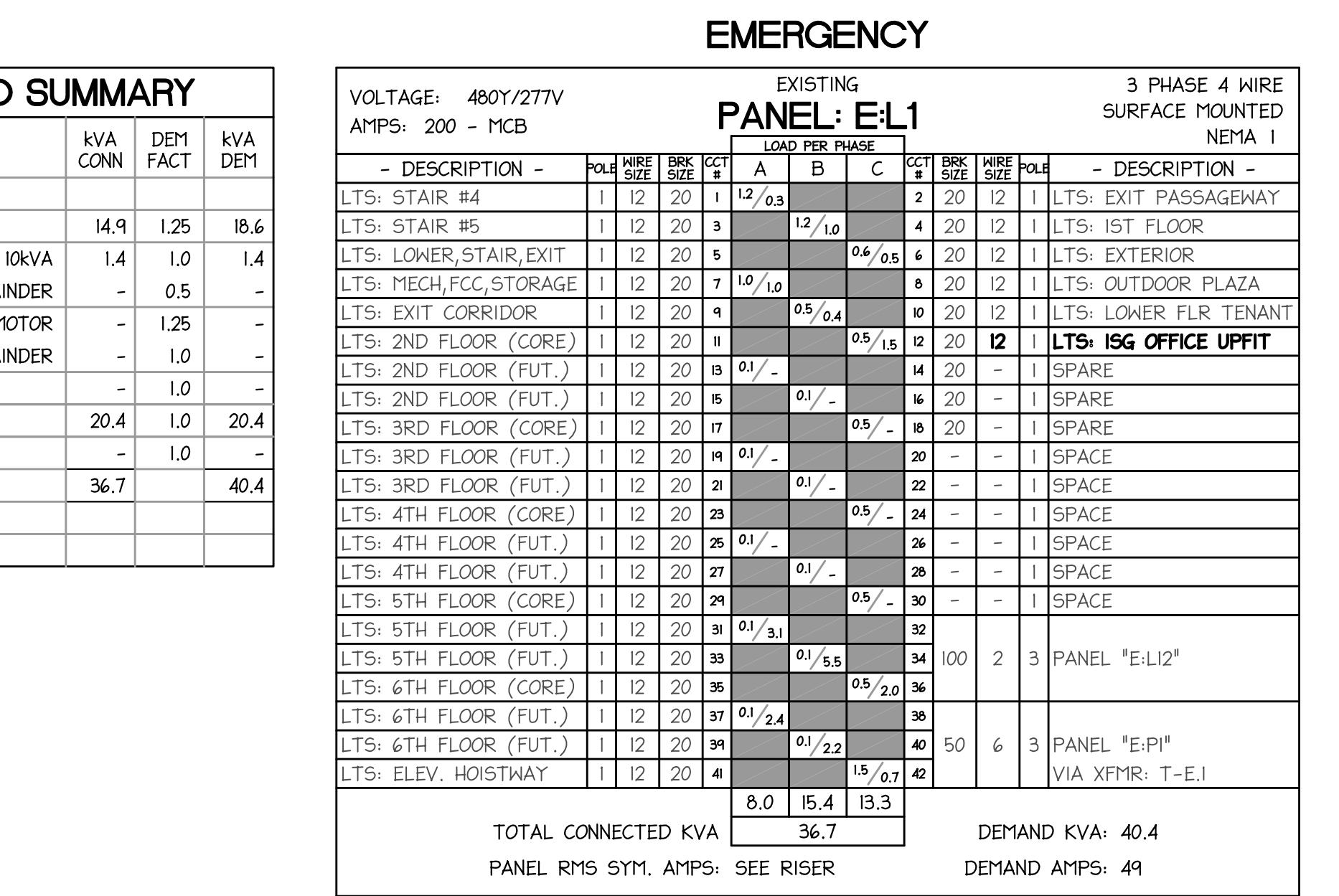
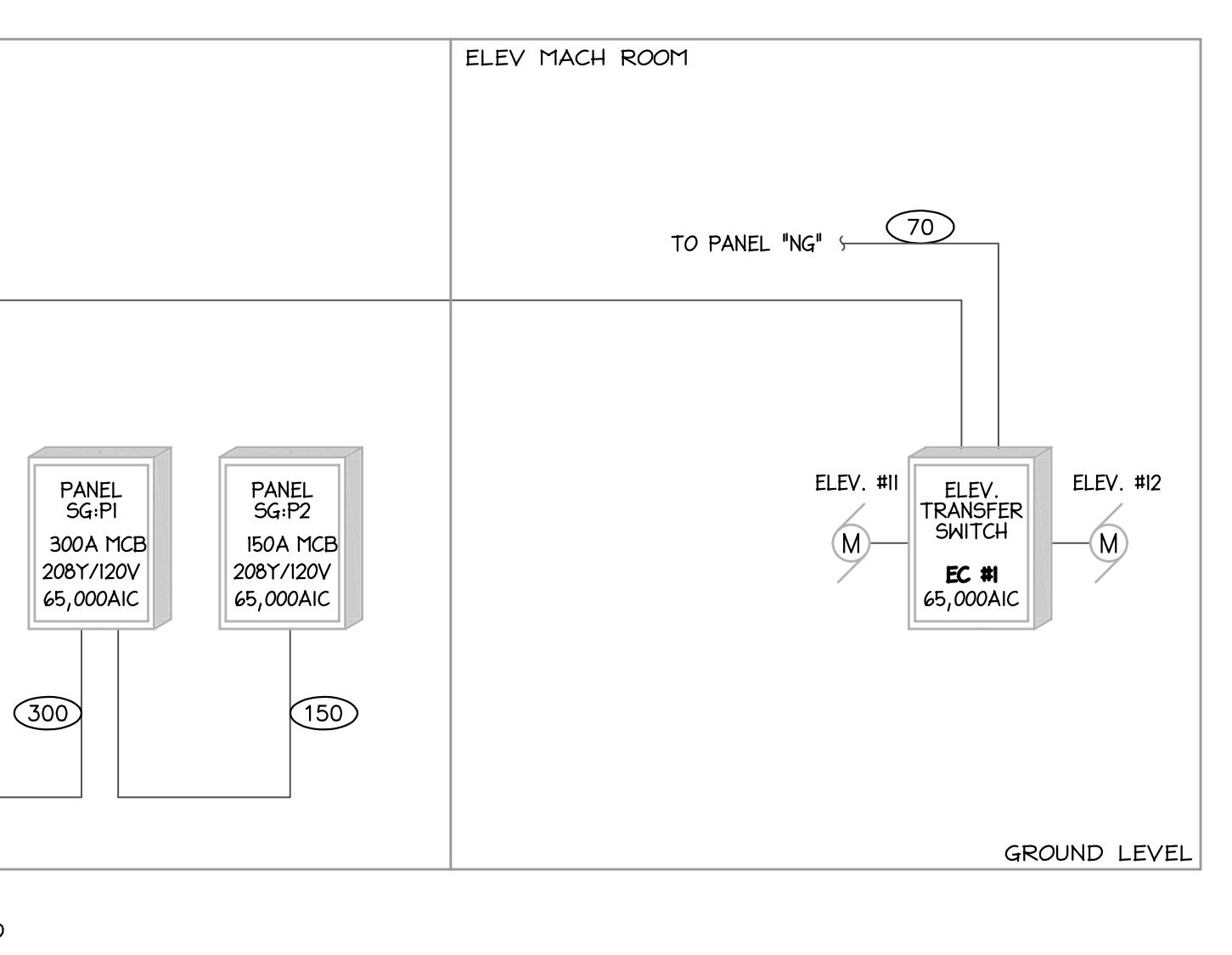
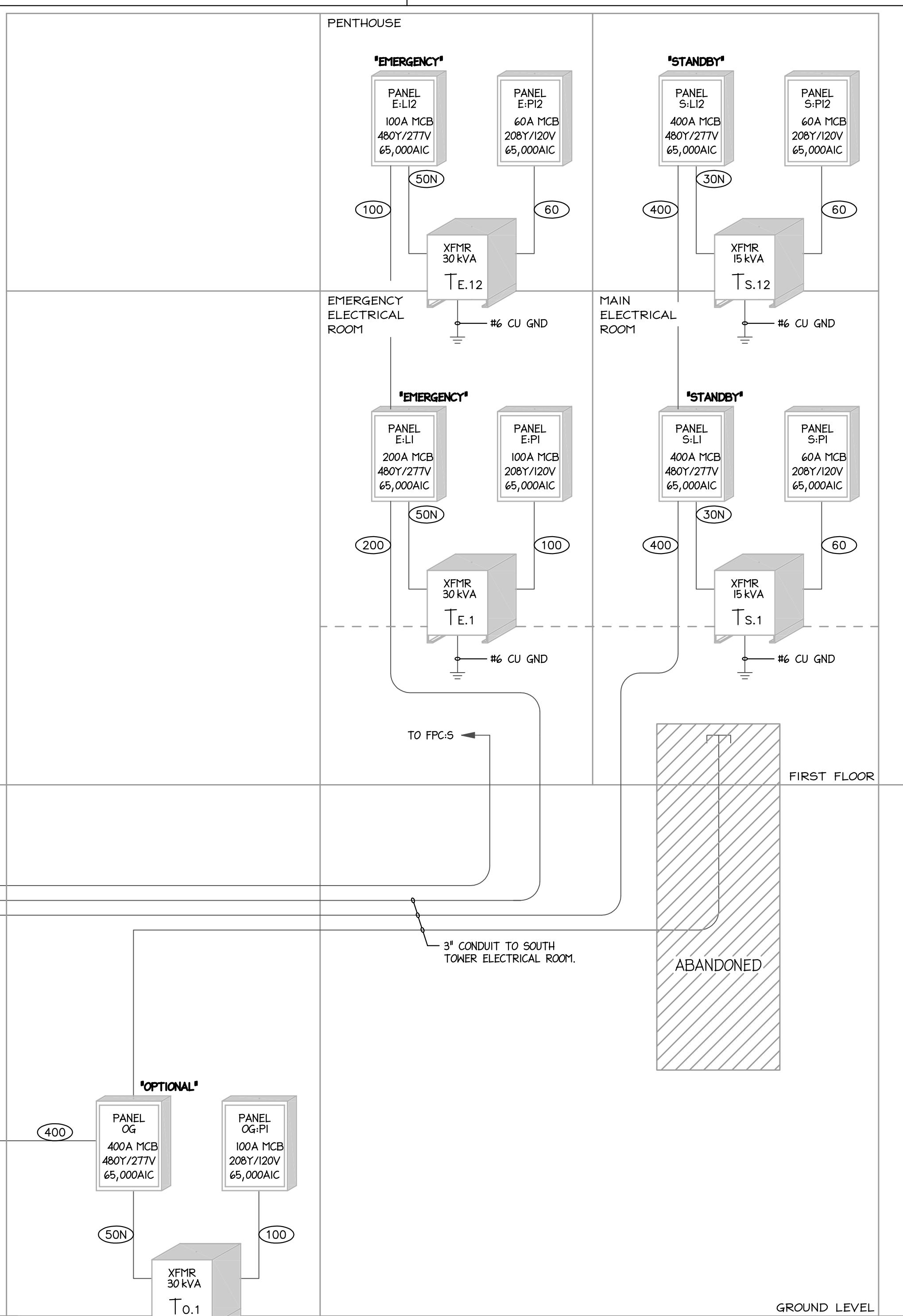
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TITLE

ELECTRICAL RISER DIAGRAM - EMERGENCY

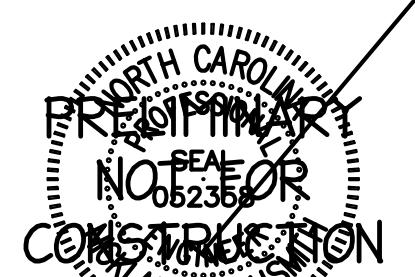
SHEET

E3-03



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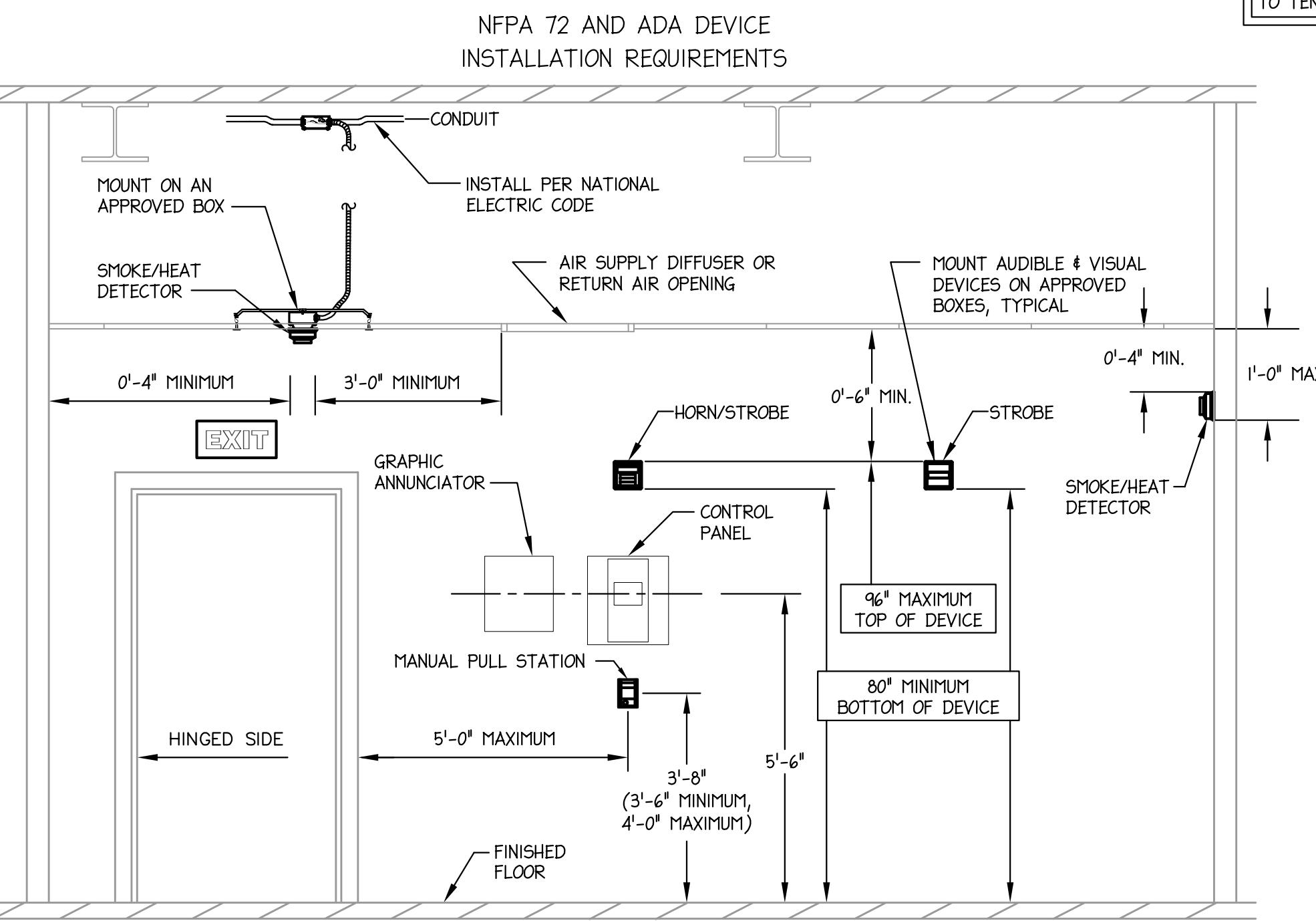
FIRE ALARM LEGEND, NOTES, AND SCHEDULES

Drawing Sheet List	
#	Title
FA0-01	FIRE ALARM LEGEND, NOTES, AND SCHEDULES
FA1-01	FIRE ALARM PLANS

SHEET

FA0-01

E.C. SHALL FIELD VERIFY
LOCATION OF FACP PRIOR
TO TENANT UPFIT.



1 ADA DEVICE INSTALLATION DIAGRAMMATIC ONLY

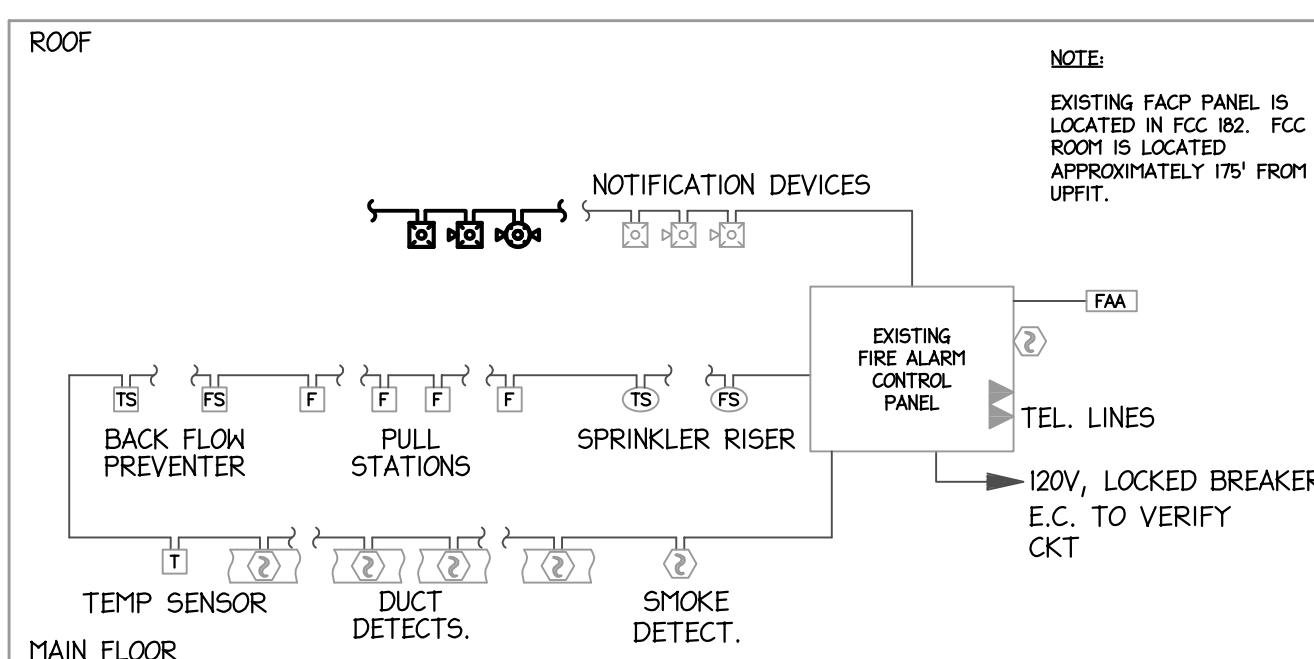
GENERAL FIRE ALARM NOTES

1. AUDIBLE FIRE ALARM NOTIFICATION APPLIANCES SHALL PROVIDE A SOUND PRESSURE LEVEL OF 15DBA ABOVE THE AVERAGE AMBIENT SOUND PRESSURE LEVEL AT ALL LOCATIONS WITHIN THE OCCUPYABLE SPACE. TYPICAL AVERAGE AMBIENT SOUND PRESSURE LEVELS ARE GIVEN IN NFPA 72 TABLE A-4-3.2.
2. PLEASE NOTE THAT ALL AUDIBLE DEVICES SHALL MEET THE MINIMUM DECIBEL RATINGS WITH ALL DOORS CLOSED.
3. ALL QUESTIONS MUST BE SUBMITTED IN RFI FORMAT TO THE ARCHITECT AND MUST BE ADDRESSED BY THE APPROPRIATE DESIGNER OF RECORD PRIOR TO BECOMING A PROPOSED CHANGE ORDER.

FIRE ALARM SYMBOL LEGEND

	FIRE ALARM CONTROL PANEL, SURFACE MOUNTED.
	FIRE ALARM SYSTEM ANNUNCIATOR PANEL, 48" A.F.F.
	FIRE ALARM SYSTEM MANUAL PULL STATION, 48" A.F.F.
	FIRE ALARM SYSTEM ALARM INDICATING DEVICE, SPEAKER/STROBE. 80" A.F.F.
	FIRE ALARM SYSTEM ALARM INDICATING DEVICE, SPEAKER/STROBE. CEILING OR PENDANT MOUNTED.
	FIRE ALARM SYSTEM ALARM INDICATING DEVICE, STROBE, 80" A.F.F.
	FIRE ALARM SYSTEM ALARM INDICATING DEVICE, SPEAKER. 80" A.F.F.
	FIRE ALARM SYSTEM CEILING MOUNTED SMOKE DETECTOR, MULTI-MODE TYPE.
	FIRE ALARM SYSTEM CEILING MOUNTED COMBINATION FIXED TEMPERATURE AND RATE OF RISE HEAT DETECTOR.
	FIRE ALARM SYSTEM TAMPER SWITCH. FIELD COORDINATE EXACT QUANTITY AND LOCATIONS.
	FIRE ALARM SYSTEM FLOW SWITCH. FIELD COORDINATE EXACT QUANTITY AND LOCATIONS.
	FIRE ALARM SYSTEM ROOM TEMPERATURE SUPERVISING SWITCH. ALARM SHALL INDICATE A DECREASE IN ROOM TEMP TO BELOW 40°F AND ITS RESTORATION TO ABOVE 40°F. FIELD COORDINATE EXACT QUANTITY AND LOCATIONS.
	FIRE ALARM SYSTEM DUCT MOUNTED SMOKE DETECTOR. DETECTOR SHALL BE SUPPLIED AND WIRED BY E.C., INSTALLED BY M.C.
	DEVICE MONITORING POINT. PROVIDE ALL REQUIRED HARDWARE TO FACILITATE MONITORING OF DEVICE INDICATED.
	MAGNETIC DOOR HOLDER (SUPPLIED WITH DOOR HARDWARE), CONNECT TO LOCAL SMOKE DETECTOR.
	120V CARBON MONOXIDE DETECTOR WITH BATTERY BACK-UP, CONNECT TO NEAREST 120V CIRCUIT AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
	U.L. FIRE/SMOKE DAMPER WITH ACCESS DOOR. COORDINATE WITH M.C.

EXISTING CONDITIONS NOTES	
1.	DRAWINGS ARE BASED ON EXISTING PLANS AND NON-DESTRUCTIVE FIELD INVESTIGATIONS. THE CONTRACTOR SHALL VISIT THE EXISTING BUILDING AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS. THE CONTRACTOR SHALL EXAMINE RELATED DRAWINGS TO AVOID CONFLICTS.
2.	PROVIDE FIRE ALARM DEMOLITION WORK AS NECESSARY TO INSTALL NEW WORK. CONTRACTOR SHALL REROUTE AND RECONNECT ANY DEVICES THAT WILL REMAIN IN USE BUT INTERFERES WITH NEW CONSTRUCTION.
3.	ITEMS SHOWN FAINT ARE EXISTING, ITEMS SHOWN BOLD ARE NEW. SEE FLOOR PLAN (SHEET FA1-01) FOR FURTHER INFORMATION.

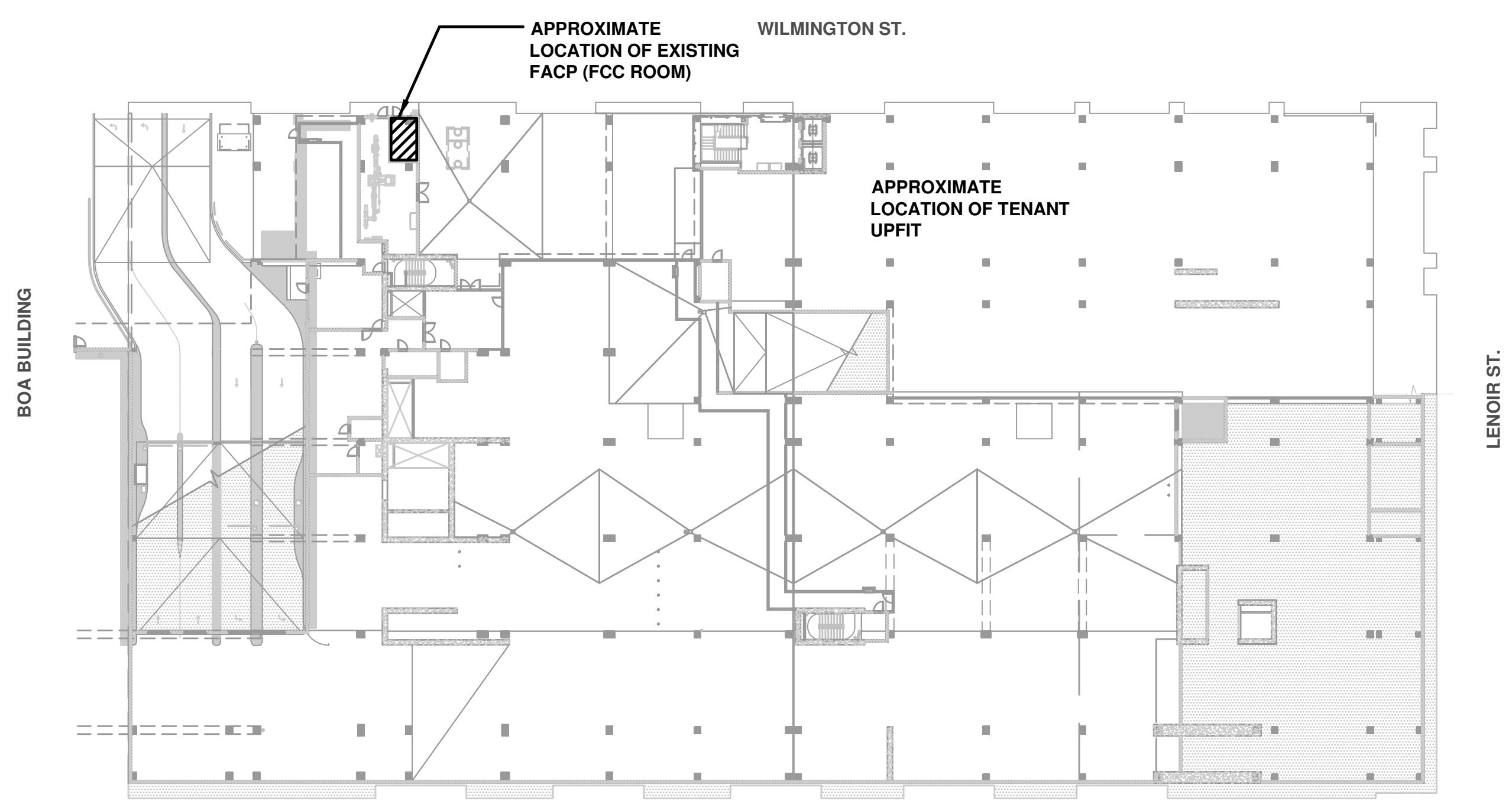


2 PARTIAL EXISTING FIRE ALARM RISER DIAGRAM

FIRE ALARM RISER DIAGRAM NOTES:

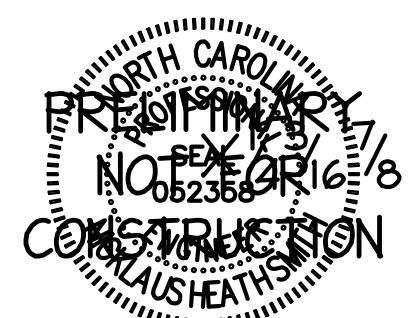
1. FIRE ALARM SYSTEM IS ADDRESSABLE, 24V DC, POWER LIMITED, FULLY SUPERVISED, WITH 24 HOUR STANDBY BATTERY. SIMPLEX 4100 SERIES WITH VOICE EVACUATION CAPABILITY.
2. FIRE ALARM DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH NFPA 72 AND 'ADA'.
3. ALL FIRE ALARM WIRING SHALL BE IN CONDUIT OR AS ALLOWED BY NEC OR LOCAL AHJ.
4. DEVICE QUANTITIES SHALL BE AS INDICATED ON THE PLANS. VERIFY QUANTITY AND EXACT LOCATION WITH AUTHORITY HAVING JURISDICTION TO ENSURE BID INCLUDES ALL REQUIRED WORK.
5. ELECTRICAL CONTRACTOR SHALL PROVIDE A FIRE ALARM LAYOUT PLAN AT THE FACP.
6. TESTING OF THE FIRE ALARM SYSTEM SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
7. ALL VISUAL DEVICES IN A COMMON VIEWING AREA SHALL BE SYNCHRONIZED.
8. ALL NEW DEVICES SHALL BE BY THE SAME MANUFACTURER AS THE EXISTING SYSTEM AND SHALL BE FULLY COMPATIBLE.
9. THE SYSTEM MANUFACTURER SHALL PROVIDE BATTERY AND CIRCUIT LOAD CALCULATIONS BASED UPON THE ACTUAL DEVICES SUPPLIED.
10. ALL NOTIFICATION APPLIANCES WITH AUDIBLE NOTIFICATION CAPABILITIES SHALL EMIT A THREE-PULSE TEMPORAL PATTERN TONE COMPLIANT WITH ANSI S3.41.

ALL FIRE ALARM DEVICES ARE TO BE WHITE, UON.



3 KEY PLAN - FCC LOCATION (EXISTING FACP)

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ISG RALEIGH
BUILD OUT

RALEIGH NORTH CAROLINA

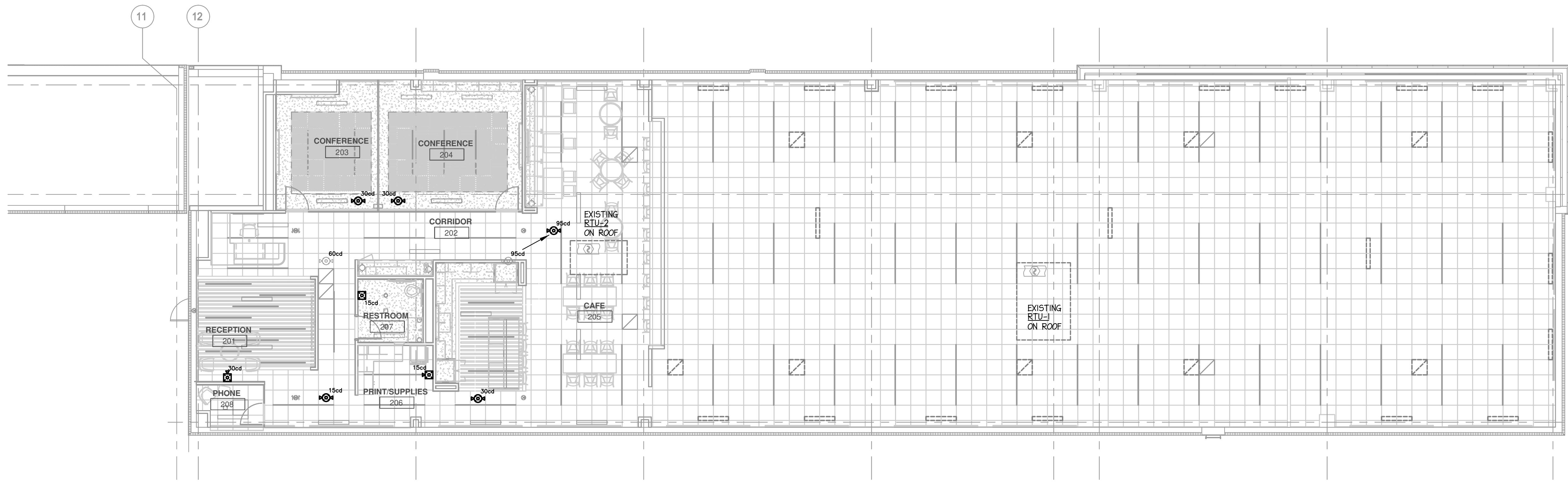
REVISION SCHEDULE		
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PROJECT NO. ISG-2504
FILE NAME
DRAWN BY JRS
DESIGNED BY JRS
REVIEWED BY NJS
ORIGINAL ISSUE DATE 11/07/25
CLIENT PROJECT NO. 25-32986

TITLE
**FIRE ALARM
PLANS**

SHEET

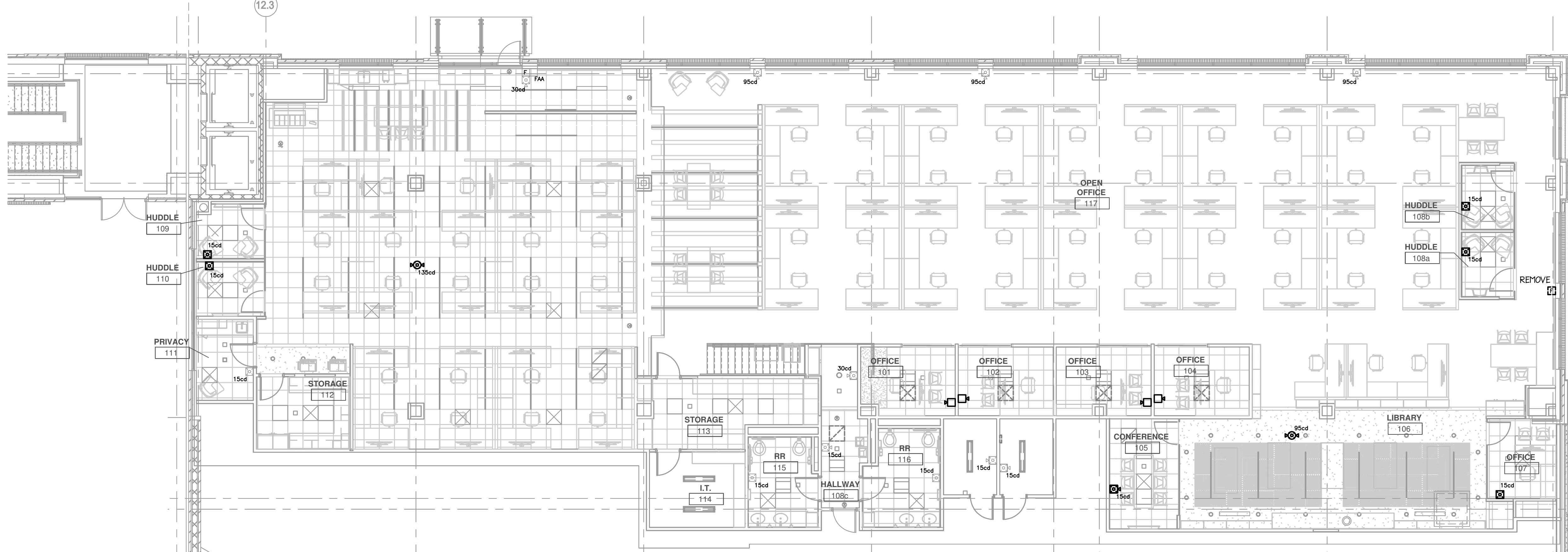
FA1-01



**FIRE ALARM -
SECOND FLOOR**
1/8" = 1'-0"

GENERAL NOTES: (THIS SHEET)

- EXISTING DEVICES ARE SHOWN FAINT; NEW AND/OR RELOCATED DEVICES ARE SHOWN **BOLD**. FIELD VERIFY EXACT LOCATION OF ALL DEVICES PRIOR TO STARTING WORK. EXISTING DEVICES SHALL REMAIN, UNLESS OTHERWISE NOTED.
- EXISTING INFORMATION WAS OBTAINED FROM EXISTING PERMIT DRAWINGS DATED 05-19-15. E.C. SHALL VERIFY ALL FIELD CONDITIONS PRIOR TO BIDDING AND BEGINNING WORK.
- FIELD VERIFY EXACT LOCATION OF ALL DEVICES PRIOR TO STARTING WORK. EXISTING DEVICES SHALL REMAIN, UNLESS OTHERWISE NOTED.
- E.C. SHALL COORDINATE THE REUSE OF ANY EXISTING ITEMS WITH OWNER PRIOR TO BEGINNING WORK. E.C. SHALL PROVIDE A DEDUCT FOR REUSE OF ANY ITEMS THAT ARE NOT CURRENTLY SHOWN TO BE REUSED.
- COORDINATE ALL DEVICE LOCATIONS (INCLUDING CEILING DEVICES) WITH OTHER TRADES TO AVOID CONFLICTS.
- G.C. TO COORDINATE "BOX WALK" FOR APPROVAL OF ALL DEVICE LOCATIONS WITH OWNER PRIOR TO BEGINNING ROUGH-IN WORK.



**FIRE ALARM -
FIRST FLOOR**
1/8" = 1'-0"

**ALL AV HARDWARE AND ASSOCIATED CABLING
FURNISHED AND INSTALLED BY CTI**

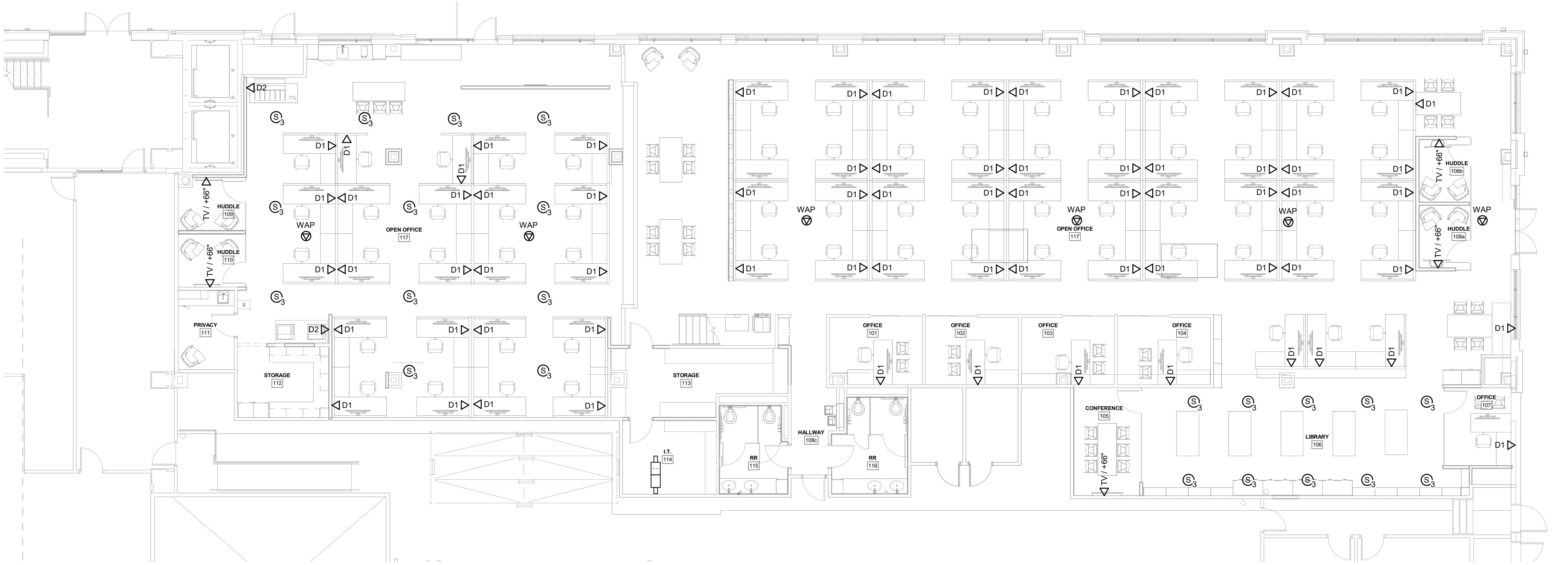
CONDUITS AND ROUGH-IN BY ELECTRICAL CONTRACTOR

CONTACT:
NATHAN REASNER
NATHAN.REASNER@CTI.COM
JESSE HARTSOCK
JESSE.HARTSOCK@CTI.COM

SHEET NOTES

1. RECEPTACLES AND LOW VOLTAGE DEVICES SHALL BE FLUSH MOUNTED IN MASONRY WALLS IN ALL PUBLIC SPACES.
 2. RACEWAYS SHALL BE CONCEALED IN MASONRY WALLS.
 3. MAINTAIN FIRE RATING OF ALL WALLS AND FLOORS. PROVIDE FIRE PROOFING FOR ALL WALL AND FLOOR PENETRATIONS PER CODE.
 4. COORDINATE WORK WITH OTHER TRADES. COORDINATE FURNITURE BRACKETS WITH RECEPTACLE LOCATIONS.

REFER TO T6-11 FOR ROUGH-IN DETAIL: ROUGH-IN OUTLETS AS DETAILED
UNLESS OTHERWISE NOTED



1 FIRST FLOOR TECHNOLOGY PLAN

1/8" = 1'-0"

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

A vertical cross-section of a stepped concrete foundation. The top section is 2" thick. Below it is a 1" high step, followed by a 1/2" thick section, then another 1" high step, and finally a 1/4" thick section at the bottom. The diagram shows the stepped nature of the foundation with horizontal lines indicating the top of each step.

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OBJECT

ISG RALEIGH BUILD OUT

LEIGH NORTH CAROLINA

JECT NO.	25-32986
E NAME	
AWN BY	FS
SIGNED BY	FS
VIEWED BY	Checker
GINAL ISSUE DATE	11/07/2025
ENT PROJECT NO	

FIRST FLOOR TECHNOLOGY PLAN

IEET

T2-11

ALL AV HARDWARE AND ASSOCIATED CABLING
FURNISHED AND INSTALLED BY CTI

CONDUITS AND ROUGH-IN BY ELECTRICAL CONTRACTOR

CONTACT:

NATHAN REASNER
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ISG

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PROJECT

**ISG RALEIGH
BUILD OUT**

RALEIGH NORTH CAROLINA

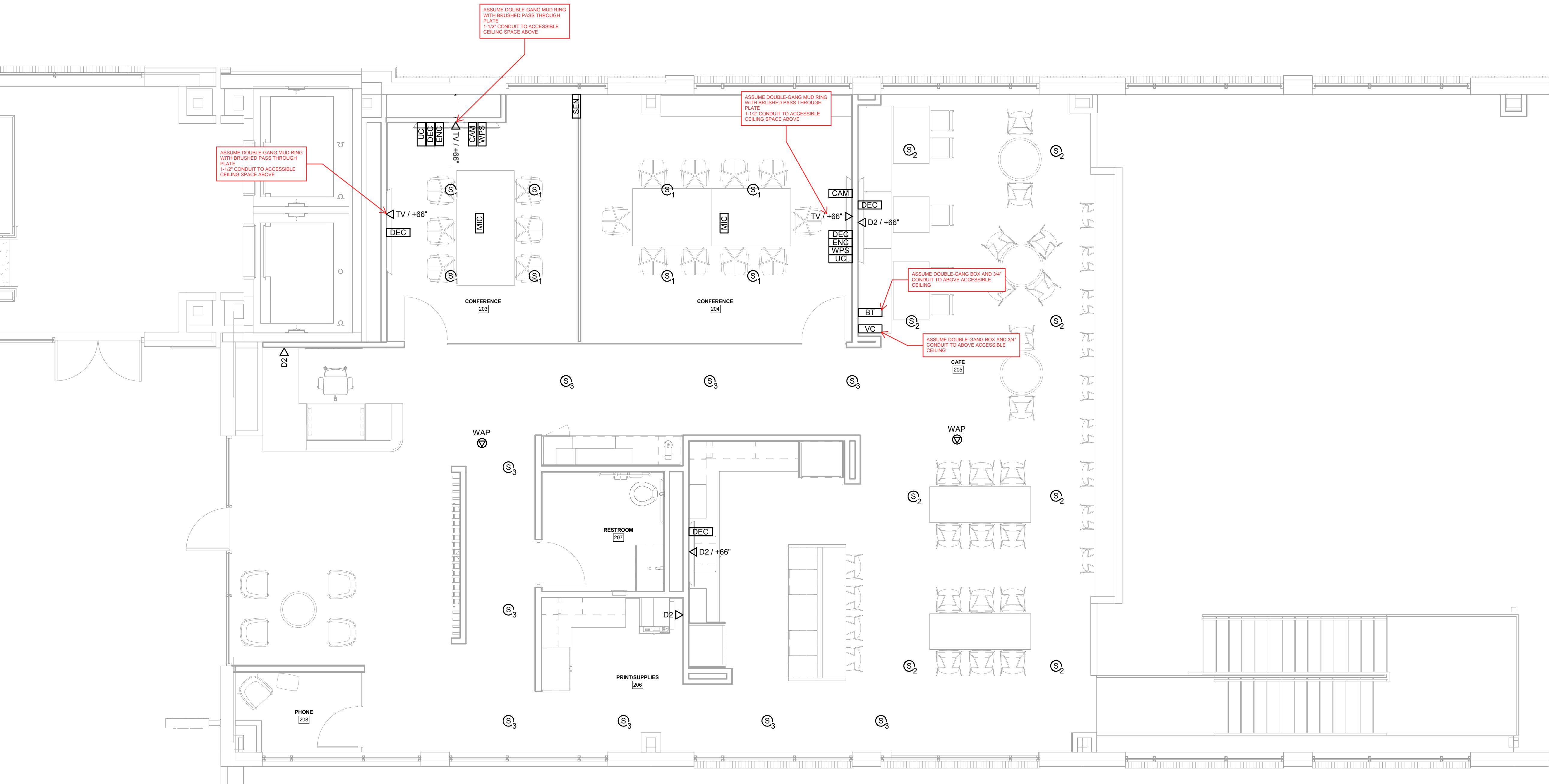
REVISION SCHEDULE	DATE	DESCRIPTION	BY

PROJECT NO. 25-32986
FILE NAME
DRAWN BY FS
DESIGNED BY FS
REVIEWED BY Checker
ORIGINAL ISSUE DATE 11/07/2025
CLIENT PROJECT NO.

TITLE
**SECOND FLOOR
TECHNOLOGY
PLAN**

SHEET

T2-12

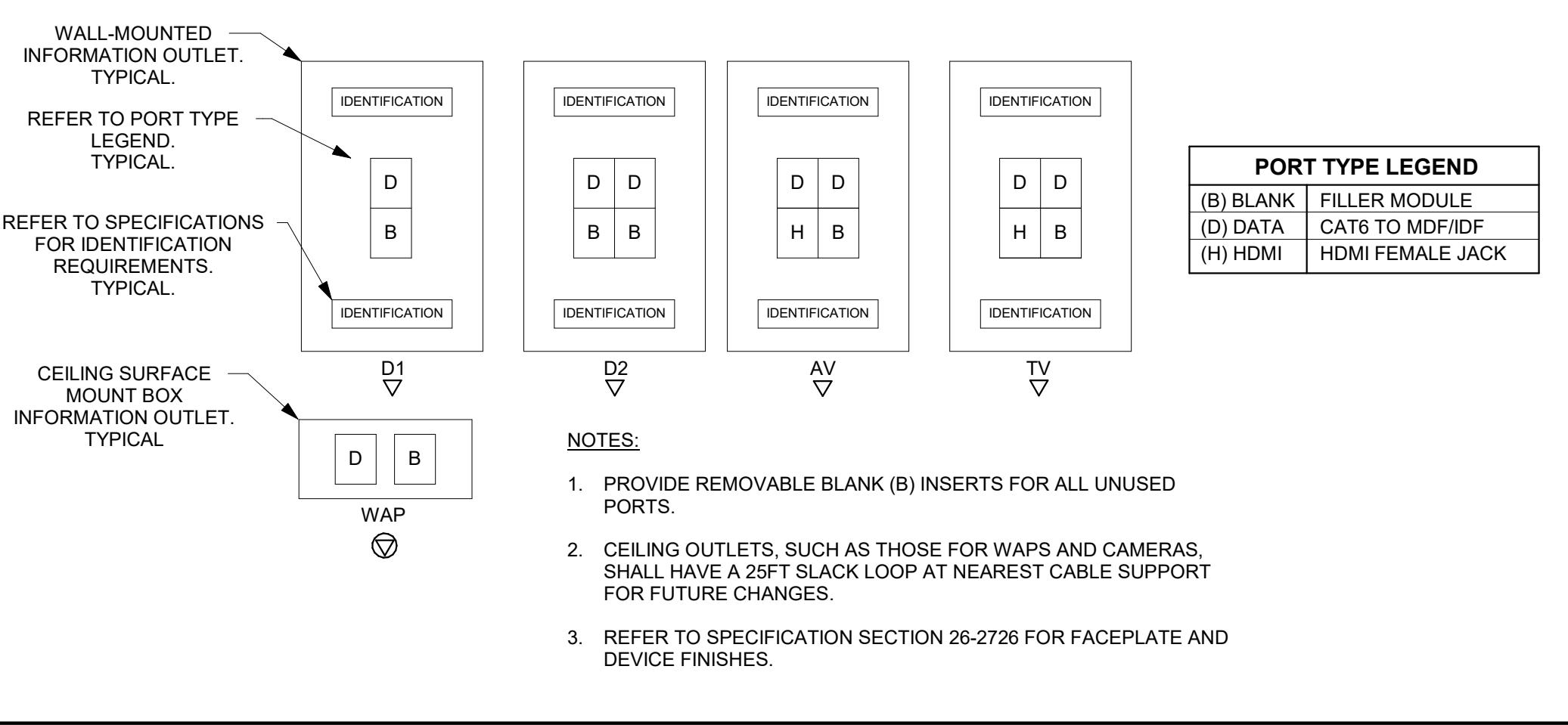


1 SECOND FLOOR TECHNOLOGY PLAN
1/4" = 1'-0"

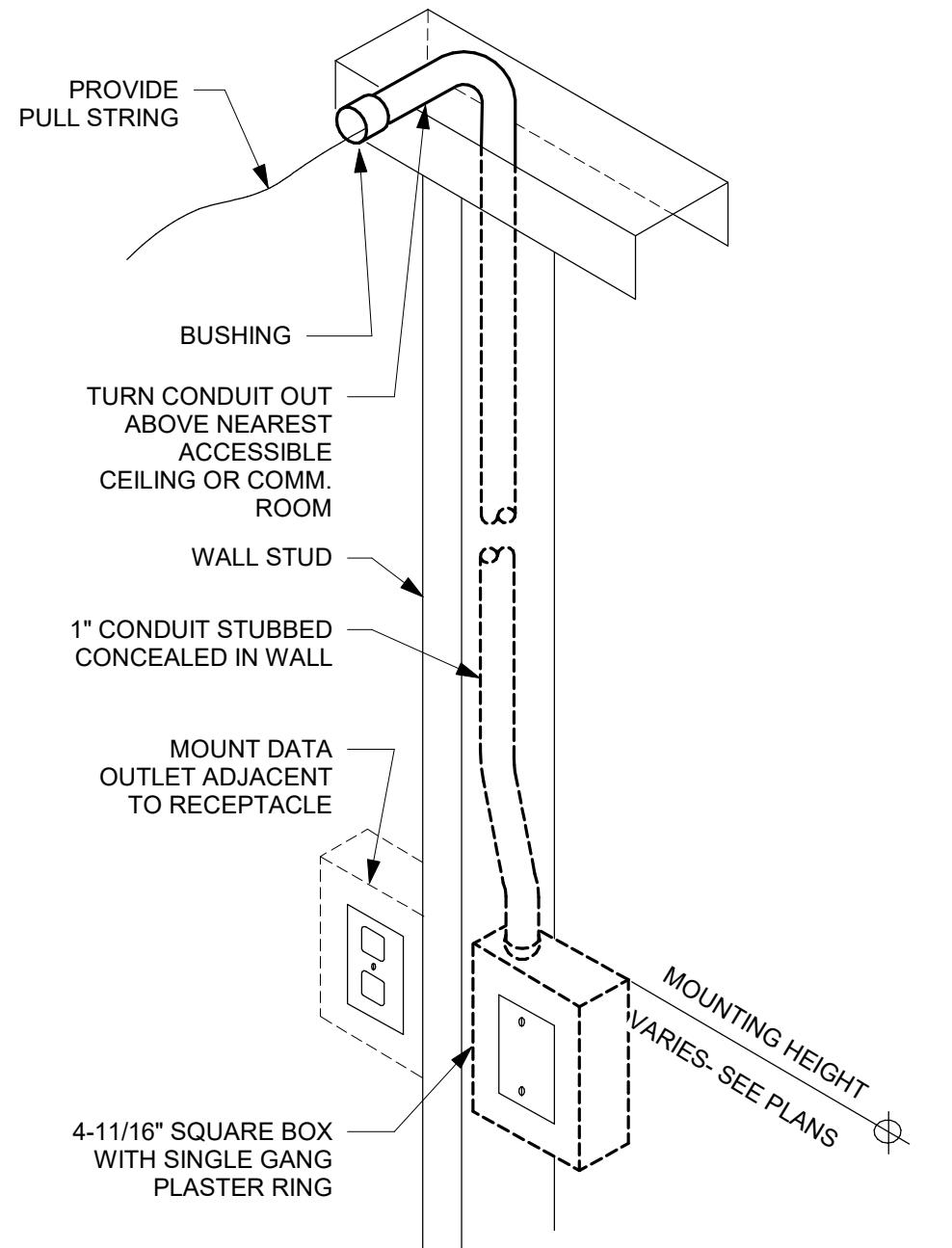
2'
1'
0 1/4" 1/2"



FORMATION OUTLET CONFIGURATIONS



ROUGH-IN DETAIL,
ASSUME
CONFIGURATION
UNLESS SPECIFICALLY
NOTATED



DATA/COMM ROUGH-IN DETAIL

NOT TO SCALE

STRUCTURED CABLING SCHEDULE

DEVICE	DESCRIPTION	MODEL
	INFORMATION OUTLET - CEILING	REFER TO TECHNOLOGY INFORMATION OUTLET CONFIGURATIONS FOR ADDITIONAL INFORMATION
SC-ER-01	EQUIPMENT RACK 2-POST EQUIPMENT RACK SUPPORTING STANDARD 19" PANEL MOUNTING. PROVIDE VERTICAL CABLE MANAGEMENT AS INDICATED ON PLANS.	See Part Number
SC-IO-WALL	INFORMATION OUTLET - WALL	REFER TO TECHNOLOGY INFORMATION OUTLET CONFIGURATIONS FOR ADDITIONAL INFORMATION
SC-VWM-10	VERTICAL WIRE MANAGEMENT	

AUDIO VISUAL SCHEDULE

DEVICE	DESCRIPTION	MODEL
AV-AMP-01	FOUR-CHANNEL NETWORK AMPLIFIER FOR THE Q-SYS PLATFORM	QSC SPA-QF-60X4
AV-BT-01	BLUETOOTH DEVICE	ATTERO-TECH un6IO-BT
AV-CAM-01	NETWORK CAMERA WITH MOTORIZED PTZ, 12X OPTICAL ZOOM AND 80° HORIZONTAL FOV	QSC NC12X80
AV-DEC-01	SINGLE MAIN GIGABIT LAN PORT FOR 4K60 4:4:4 VIDEO, DANTE®/AES67*, CONTROL, AND POWERED DEVICE (PD)	VISIONARY SOLUTIONS D5200
AV-DSP-01	DIGITAL SIGNAL PROCESSOR	QSC NANO
AV-ENC-01	SINGLE MAIN GIGABIT LAN PORT FOR 4K60 4:4:4 VIDEO, DANTE®/AES67*, CONTROL, AND POWERED DEVICE (PD)	VISIONARY SOLUTIONS DUETE-2
AV-MIC-01	IN-LAY CEILING MICROPHONE	SHURE MXA920
AV-NSW-01	ETHERNET SWITCH 8+2G-PORT GIGABIT POE+ MANAGED ETHERNET SWITCH, 8 POE PORTS, UP TO 60W PER PORT, 12/24/48VDC INPUT, 2 GIGABIT COMBO PORTS. PROVIDE SFP (MOXA), POWER SUPPLY, AND MOUNTING AS REQUIRED. PLACE IN NEMA ENCLOSURE, REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.	NETGEAR GSM4230P
AV-PDU-01	HORIZONTAL POWER DISTRIBUTION, 9 OUTLET, 15 AMP	MIDDLE ATLANTIC PWR-9-RP
AV-SEN-01	PARTITION SENSOR	CRESTRON GLS-PART-CN
AV-SPK-01	SPEAKER - CEILING	QSC AD-A6T-ZB
AV-SPK-02	SPEAKER - CEILING	QSC AC-A6T
AV-UC-01	CRESTRON FLEX VIDEO CONFERENCE SYSTEM INTEGRATOR KIT FOR MICROSOFT TEAMS® ROOMS	CRESTRON UC-C100T
AV-VC-01	PROGRAMABLE VOLUME CONTROL	QSC AXON C1
AV-VSA-01	Q-SYS VISIONSUITE AI ACCELERATOR	QSC VSA100
AV-WPS-01	PREMIUM WIRELESS CONFERENCING SYSTEM FOR HIGH-IMPACT ROOMS	CLICKSHARE BARCO CX-50

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PROJECT

OUND MASKING SCHEDULE

DEVICE	DESCRIPTION	MODEL
SM-GEN-01	6-ZONE SOUND MASKING GENERATOR, CONTROLLER, BAND EQUALIZER AND AMPLIFIER, SUPPORTING AVB MEDIA NETWORKS.	BIAMP QT-X-600
SM-SPK-01	4 PACK OF WHITE QT ACTIVE EMITTERS WITH 4 X 16 FT WHITE, PLENUM RATED CABLES.	CAMBRIDGE E-P-W-16-4

ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

PROJECT NO.	25-32986
FILE NAME	
DRAWN BY	Author
DESIGNED BY	Designer
REVIEWED BY	Checker
ORIGINAL ISSUE DATE	MM/DD/YY
CLIENT PROJECT NO.	

TECHNOLOGY MATERIAL SCHEDULES

SLIETT

T6-11