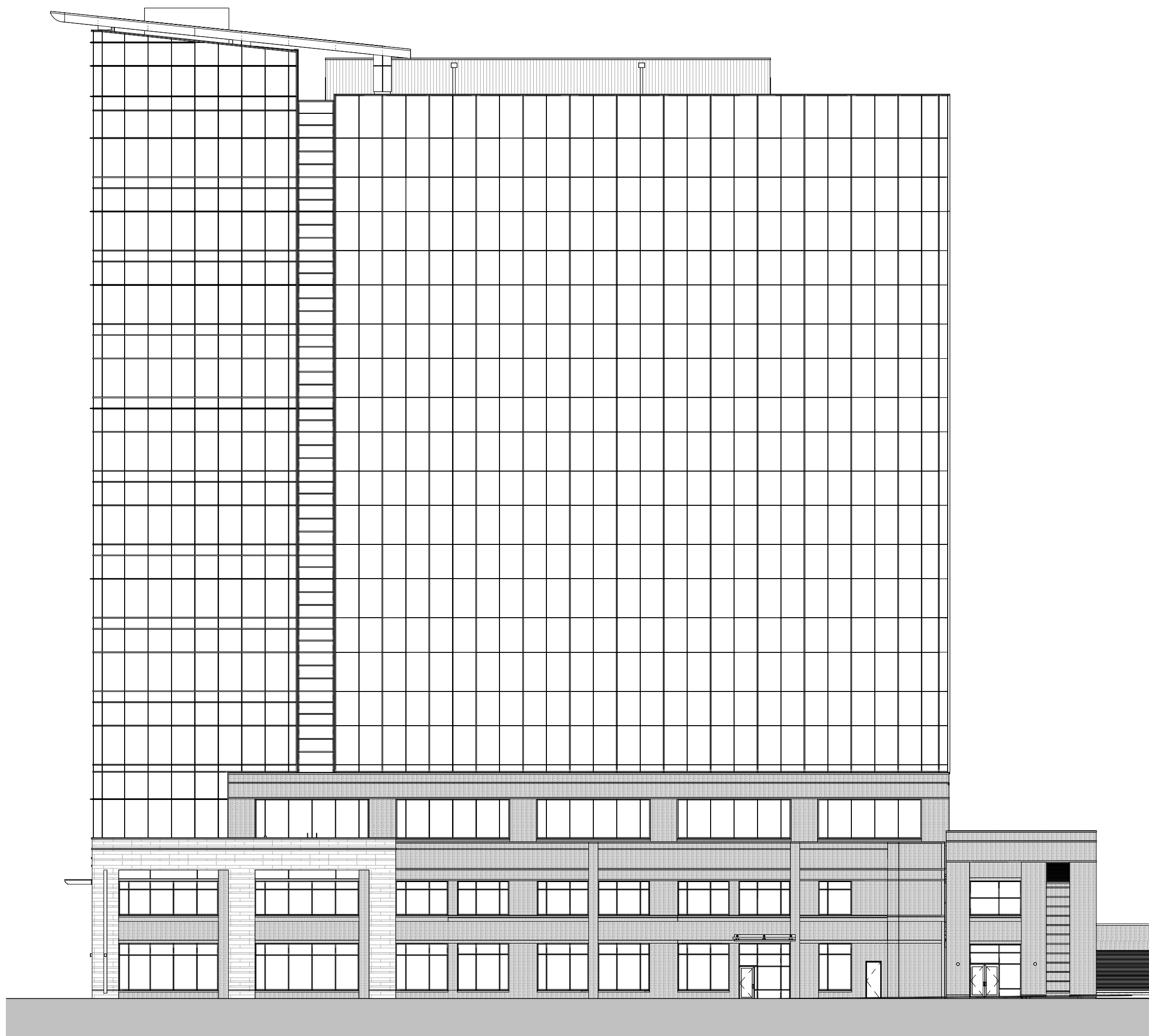


# ISG RALEIGH BUILD OUT

RALEIGH, NORTH CAROLINA

ISG PROJECT # 25-32986



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 ALL 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.

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M0-01	MECHANICAL LEGEND, NOTES, AND SCHEDULES
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FA0-01	FIRE ALARM LEGENDS , NOTES, AND SCHEDULES
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PROJECT

ISG RALEIGH  
BUILD OUT

RALEIGH NORTH CAROLINA


REVISION SCHEDULE		
DATE	DESCRIPTION	BY

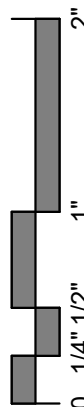
PROJECT NO.	25-32986
FILE NAME	32986 Arch R24
DRAWN BY	RKS/BML
DESIGNED BY	AJW
REVIEWED BY	RN
ORIGINAL ISSUE DATE	MM/DD/YY
CLIENT PROJECT NO.	

TITLE  
**TITLE SHEET,  
SHEET INDEX,  
PROJECT  
GENERAL NOTES**

SHEET  
**G1-10**

## 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
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PRELIMINARY NOT FOR CONSTRUCTION

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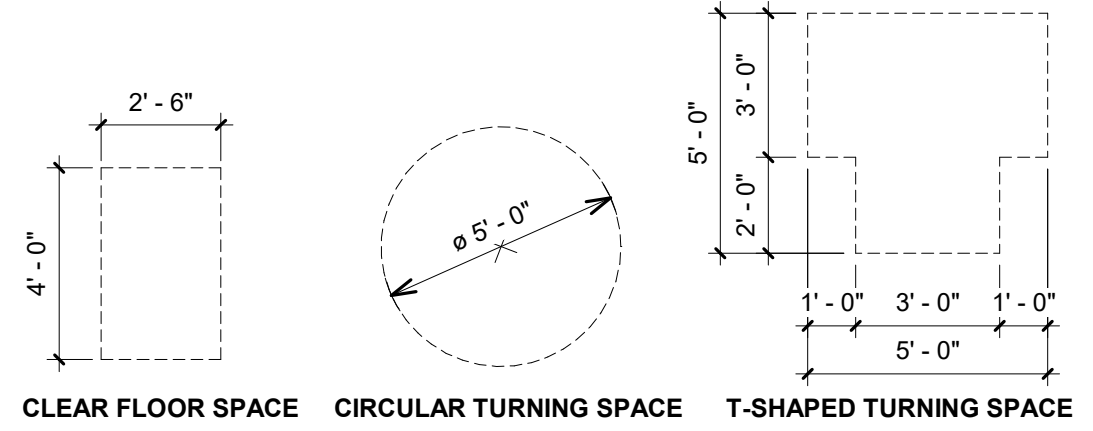
FIRE SUPPRESSION NOTES  
(MODIFIED OR ADDITION TO EXISTING SPRINKLER SYSTEM)

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, INSTALLED, MODIFIED AND TESTED BY A LICENSED AUTOMATIC SPRINKLER SYSTEM DESIGNER / INSTALLER AND SHALL MEET ALL APPLICABLE CODE REQUIREMENTS. THE LICENSED AUTOMATIC SPRINKLER SYSTEM DESIGNER SHALL PROVIDE 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:

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 NEW COMPONENTS 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.

ANSI A117.1 2009 CLEARANCE LEGEND



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 25/32"	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 50 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
- FE-# FIRE EXTINGUISHER
- FEC-# SEMI-RECESSED FIRE EXTINGUISHER CABINET  
COLOR: *ENSURE TO COORDINATE WITH SPEC*
- AED 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-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
- CORPS CONSTRUCTION CAPABLE OF RESISTING THE PASSAGE OF SMOKE

FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING. SUCH IDENTIFICATION SHALL:  
1. BE LOCATED IN ACCESSIBLE CONCEALED FLOOR, FLOOR-CEILING OR ATTIC SPACES  
2. BE LOCATED WITHIN 15 FEET OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30 FEET MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION; AND  
3. INCLUDE LETTERING NOT LESS THAN 3 INCHES IN HEIGHT WITH A MINIMUM 3/8" STROKE IN A CONTRASTING COLOR INCORPORATING THE SUGGESTED WORDING "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS" OR OTHER SIMILAR WORDING.

ISG

SHEET NOT VALID UNLESS THIS TEXT IS COLOR.

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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
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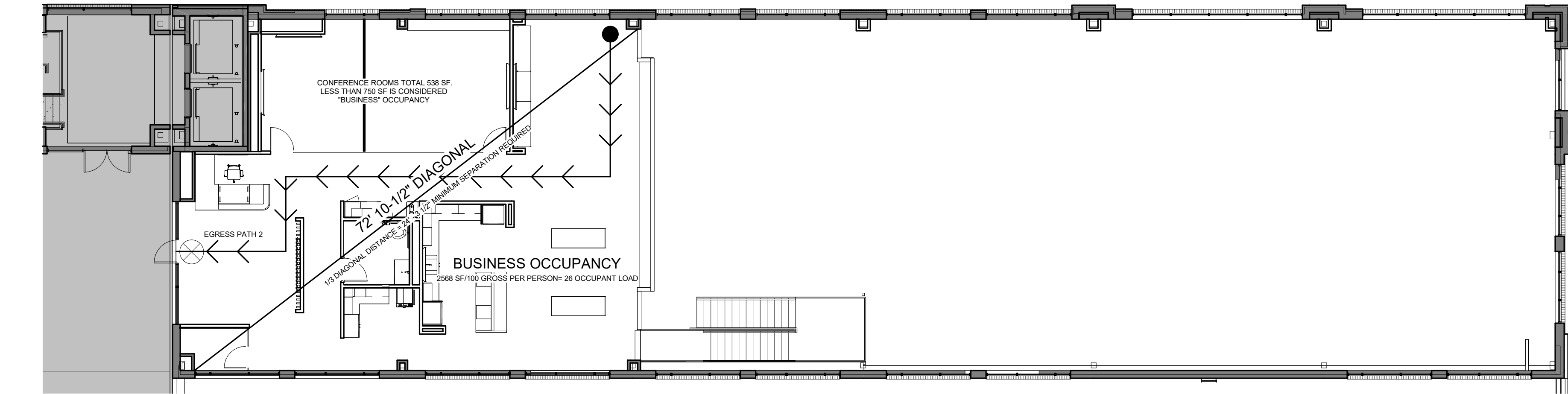
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CODE DATA AND  
CODE DATA PLAN

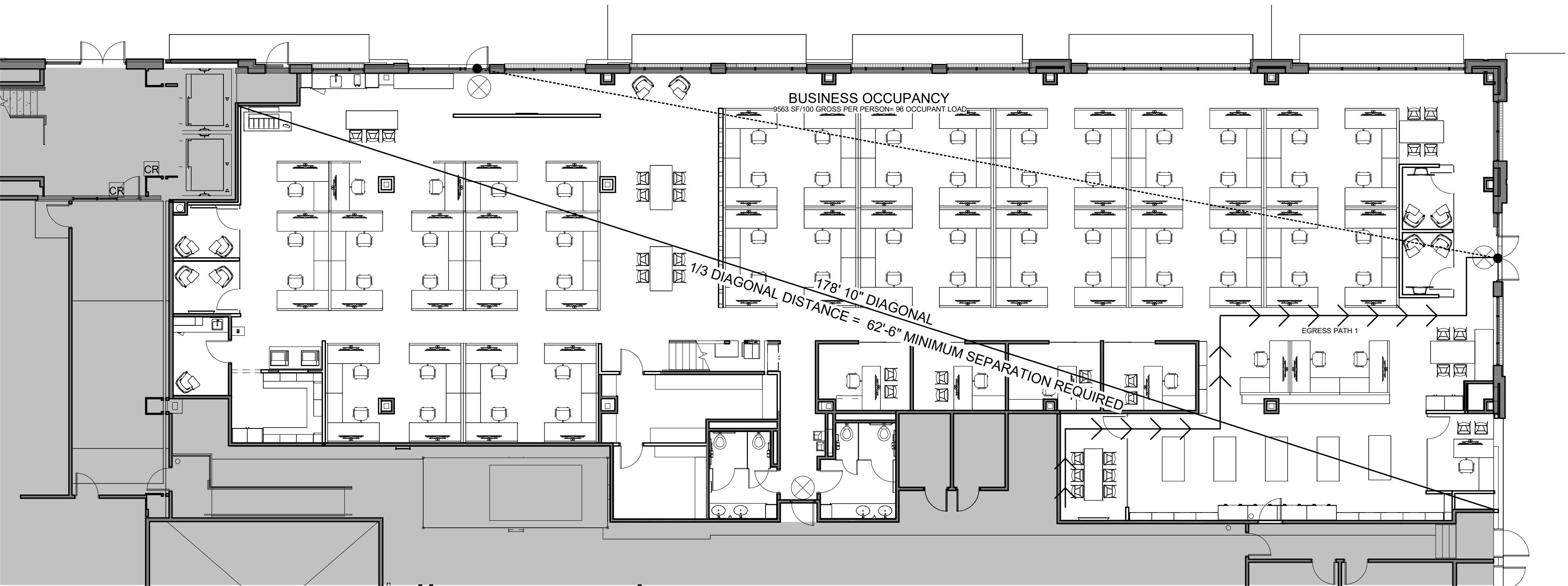
SHEET

G2-20

4 PLUMBING CALCS - ALL BUSINESS  
3/4" = 1'-0"



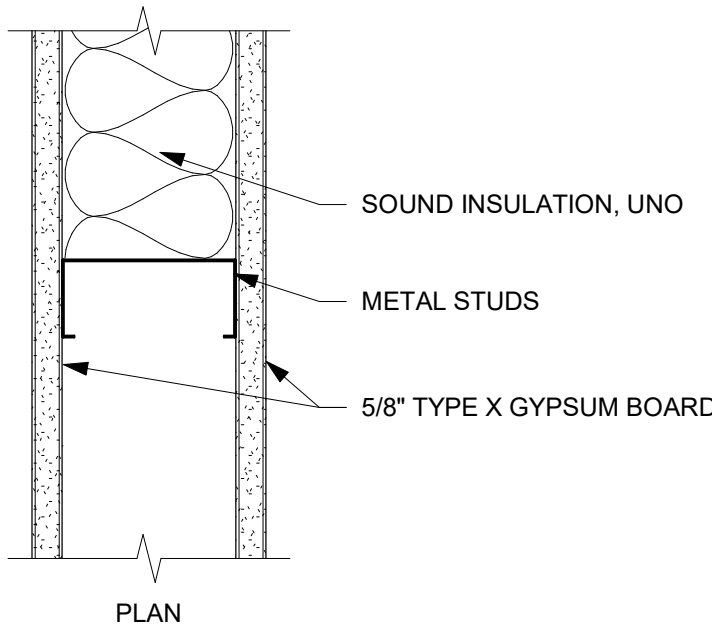
2 CODE DATA PLAN - MEZZANINE  
3/32" = 1'-0"



1 CODE DATA PLAN - FIRST FLOOR  
3/32" = 1'-0"

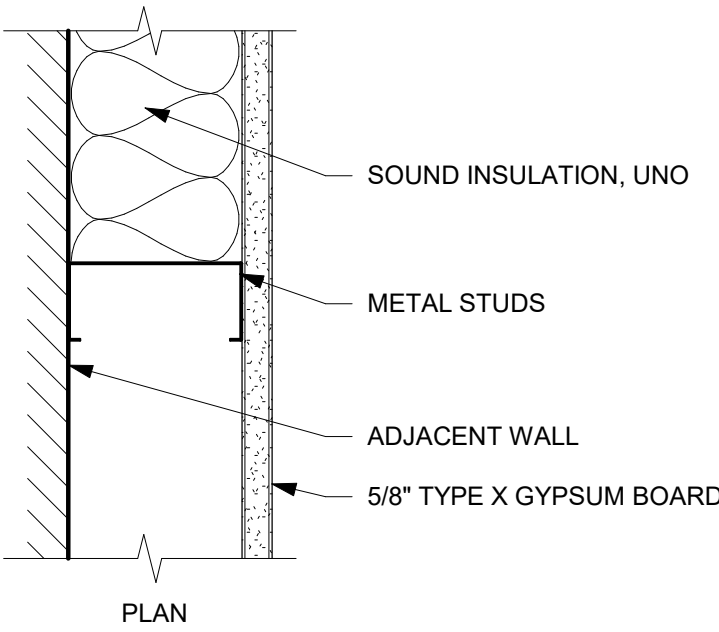






WALL TYPE	STUD DESIGNATION	SPACING	MAX. HEIGHT (5 PSF, L/240)	SOUND TRANSMISSION (STC)	FIRE RATING / UL DESIGN
◊A3◊	362S125-30	16"	15'-6"	-	-
◊A6◊	600S125-30	16"	22'-11"	-	-
NOTES:					

WALL TYPE A (METAL STUD PARTITION)  
NOT TO SCALE



WALL TYPE	STUD DESIGNATION	SPACING	MAX. HEIGHT (5 PSF, L/240)	SOUND TRANSMISSION (STC)	FIRE RATING / UL DESIGN
◊B1◊	162S125-30	16"	-	-	-
◊B2◊	250S125-30	16"	-	-	-
◊B3◊	362S125-30	16"	-	-	-
◊B6◊	600S125-30	16"	-	-	-
NOTES:					

WALL TYPE B (METAL STUD FURRING)  
NOT TO SCALE


GENERAL ASSEMBLY NOTES:


- A. NOT ALL ASSEMBLY TYPES LISTED APPLY TO THIS PROJECT. REFER TO FLOOR PLANS FOR LOCATIONS AND ADDITIONAL NOTES.
- B. 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"
- C. IN ALL WET AREAS SUCH AS SHOWERS AND TUBS, INSTALL CEMENT-BASED BACKER BEHIND AREAS SCHEDULED TO RECEIVE TILE FINISH.
- D. PROVIDE A MINIMUM OF MOISTURE-RESISTANT GYPSUM BOARD ON ALL RESTROOM WALLS AND OTHER AREAS SCHEDULED TO RECEIVE FRP OR TILE FINISH.
- E. ALL PARTITIONS CONTAINING PLUMBING OR HAVING AN EXTERIOR FACE SHALL BE INSULATED.
- F. REFERENCE FINISH PLANS FOR ADDITIONAL FINISHES NOT INDICATED ON PARTITION TYPES.
- G. INCLUDE PAINTABLE ACOUSTIC SEALANT AT WALL PERIMETER (TOP, BOTTOM, AND SIDES) TERMINATIONS AND PENETRATIONS FOR ALL NON RATED ASSEMBLIES. TYPICAL BOTH SIDES OF ASSEMBLY.
- H. PROVIDE FIRE RETARDANT TREATED WOOD OR STEEL BACKING FOR ALL WALL-MOUNTED FINISH CARPENTRY, ARCHITECTURAL WOODWORK, TOILET PARTITIONS, ACCESSORIES AND OTHER SIMILAR ITEMS.
- I. WOOD FRAMING MEMBERS IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESERVATIVE TREATED.
- J. REFER TO STRUCTURAL DOCUMENTS FOR LOCATIONS AND CRITERIA OF LOAD BEARING AND SHEAR WALLS.
- K. ALL NON-RATED WALLS TO BE CONSTRUCTED FULL HEIGHT TO THE UNDERSIDE OF FLOOR OR ROOF STRUCTURE ABOVE UNLESS NOTED OTHERWISE.
- L. PROVIDE DOUBLE TOP PLATES AT ALL WOOD LOAD BEARING WALLS.
- M. NON LOAD BEARING METAL STUD WALLS SHALL HAVE A SLOTTED TOP TRACK FOR DEFLECTION. FINISHES / SUBSTRATES SHALL NOT BE FASTENED TO THE TOP TRACK.
- N. NOT USED.
- O. PROVIDE 1" GAP FOR DEFLECTION ALLOWANCE BETWEEN WALL FINISH, SUBSTRATE, AND STRUCTURE ABOVE. COORDINATE WITH STRUCTURAL DOCUMENTS.
- P. COLD FORMED FRAMING DESIGNED BY FRAMING CONTRACTOR; REFER TO STRUCTURAL NOTES FOR COMPONENTS AND CLADDING DESIGN REQUIREMENTS.
- ADDITIONAL NOTES FOR FIRE-RATED ASSEMBLIES:**
- Q. 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.
- R. ALTERNATE MATERIALS AND ASSEMBLIES MUST BE APPROVED BY THE ARCHITECT PRIOR TO COMMENCING WORK.
- S. HIGHER FIRE-RATED ASSEMBLIES SHALL BE CONSTRUCTED BEFORE LOWER (OR NON-RATED) ASSEMBLIES.
- T. ALL FIRE-RATED WALLS TO BE CONSTRUCTED FULL HEIGHT FROM TOP OF UNFINISHED FLOOR TO UNDERSIDE OF STRUCTURE ABOVE.
- U. 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.
- V. 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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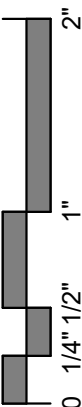
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TITLE

WALL TYPES AND  
NOTES

SHEET

A1-01





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PROJECT

## ISG RALEIGH BUILD OUT

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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

### WALL LEGEND

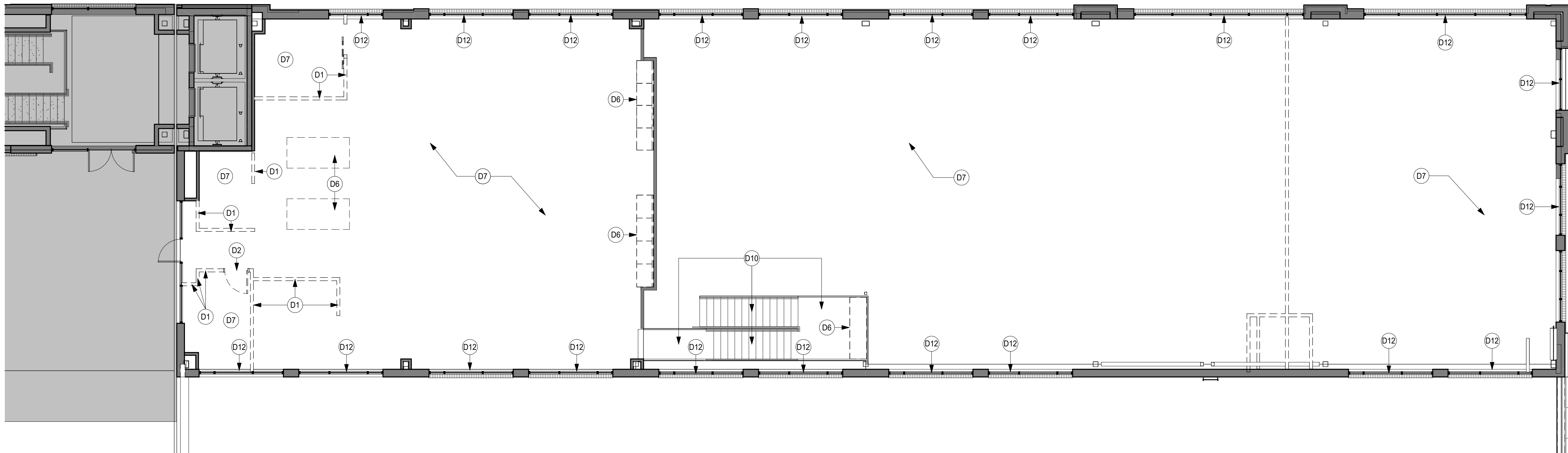
	EXISTING CONSTRUCTION TO REMAIN
	DEMOLITION
	NOT IN SCOPE OF WORK

### KEYNOTE LEGEND

D1	DEM/REMOVE WALL
D2	DEM/REMOVE DOOR AND FRAME
D3	DEM/REMOVE WINDOW
D4	DEM/REMOVE PLUMBING FIXTURE, REFER TO MECHANICAL DOCUMENTS
D6	DEM/REMOVE CASEWORK AND COUNTER, PREP WALL TO MATCH ADJACENT FOR NEW FINISHES AS REQUIRED. REFER TO NEW PLANS AND ELEVATIONS.
D7	DEM/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	DEM/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	DEM/REMOVE PAPER TOWEL DISPENSER, TRASH, TOILET PAPER DISPENSER, AND SANITARY NAPKIN DISPOSAL.
D16	DEM/REMOVE DOOR AND INFILL
D17	DEM/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

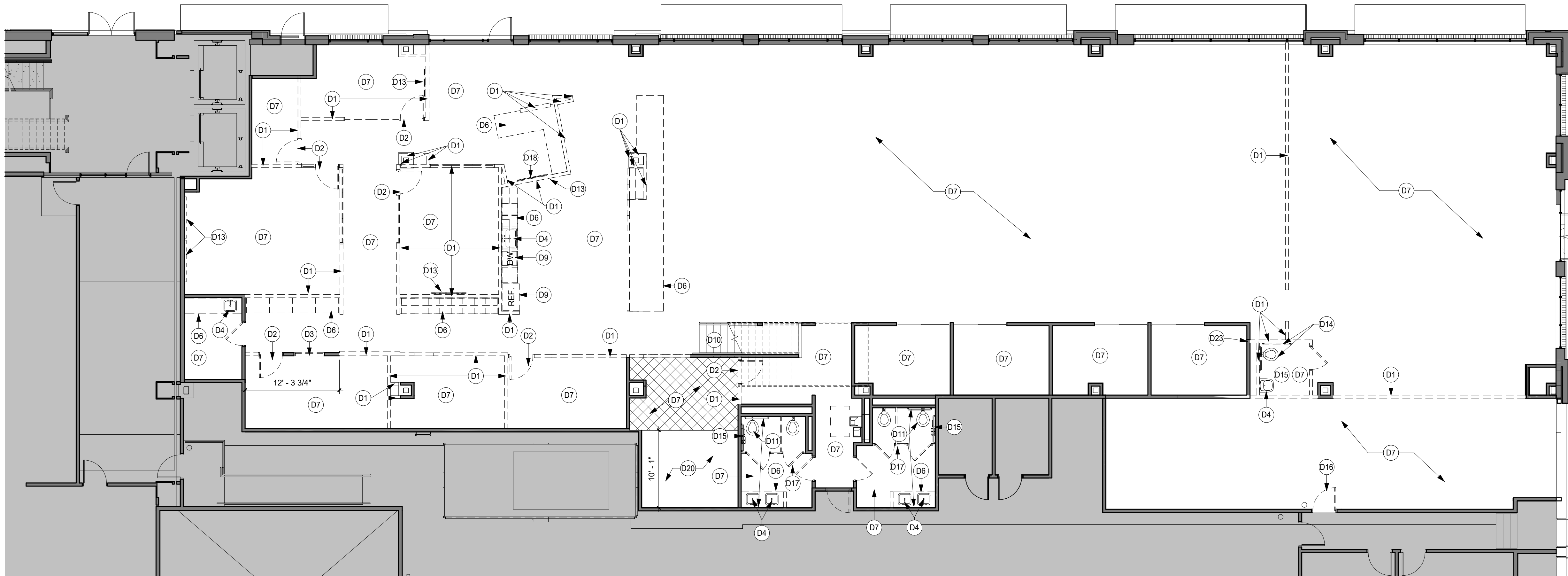
### DEMOLITION SHEET NOTES

- 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.
- 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.
- DEMOLITION OF ANY EXISTING CONSTRUCTION SHALL INCLUDE WHAT IS NECESSARY AND REQUIRED TO ACCOMMODATE THE REQUIREMENTS OF NEW CONSTRUCTION.
- ALL LOOSE FURNISHINGS (CHAIRS, TABLES, DESKS, ETC.) SHALL BE REMOVED AND RE-INSTALLED BY THE OWNER UNLESS NOTED OTHERWISE.
- ALL CORING THRU EXISTING FLOORS, WALLS & CEILINGS SHALL BE PERFORMED BY THE CONTRACTOR REQUIRING THE SAME.
- ALL ROOF PENETRATIONS SHALL BE PERFORMED BY THE TRADE REQUIRING THE SAME. PATCHING & FLASHING ROOF SHALL BE PERFORMED BY THE ROOFING CONTRACTOR.
- VERIFY WITH OWNER FOR ITEMS TO BE SALVAGED BEFORE STARTING DEMOLITION WORK.
- COORDINATE DEMOLITION OF LOAD BEARING WALLS & STRUCTURAL ELEMENTS WITH STRUCTURAL PLANS.
- CONSTRUCT DUST PROOF PARTITIONS TO SEPARATE AREAS OF CONSTRUCTION FROM ADJACENT OCCUPIED AREAS OUTSIDE SCOPE OF CONSTRUCTION.
- 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.
- 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.
- MAINTAIN THE INTEGRITY OF ALL EXISTING RATED ELEMENS, FIRE SEAL ANY PENETRATIONS WITH U.L. APPROVED ASSEMBLY.
- CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES.
- 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.
- WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH REMOVAL.
- WHERE EXISTING INTERIOR PARTITIONS ARE REPLACED 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.
- ALL WALLS IN EXISTING ROOMS IN WHICH WORK IS OCCURRING: A) REPAIR HOLES, DEFECTS, ETC. IN EXISTING WALLS; B) AT REPAIRS AND UNPAINTED CMU, PLASTER, BLOCK FILL PAINT AND TWO FINISH COATS OF PAINT; C) PROVIDE ONE FINISH COAT OF PAINT OVER EXISTING PAINTED WALLS.



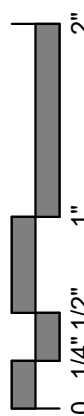
### 2 MEZZANINE DEMOLITION PLAN

1/8" = 1'-0"



### 1 FIRST FLOOR DEMOLITION PLAN

1/8" = 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

## DEMOLITION PLAN - RCP

SHEET

A1-12

### WALL LEGEND

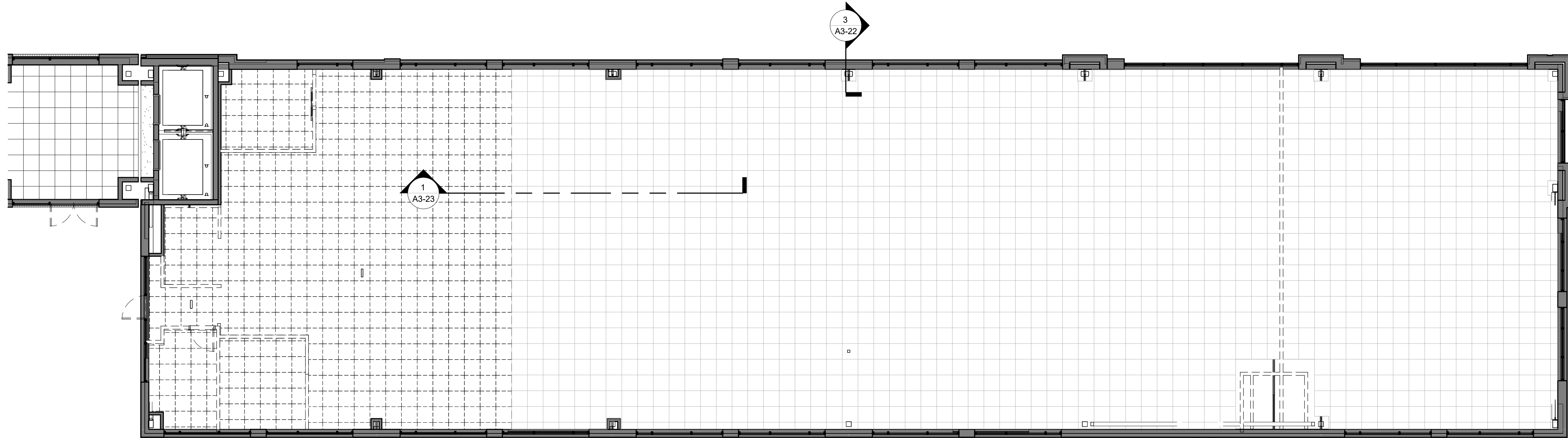
	EXISTING CONSTRUCTION TO REMAIN
	DEMOLITION
	NOT IN SCOPE OF WORK

### KEYNOTE LEGEND

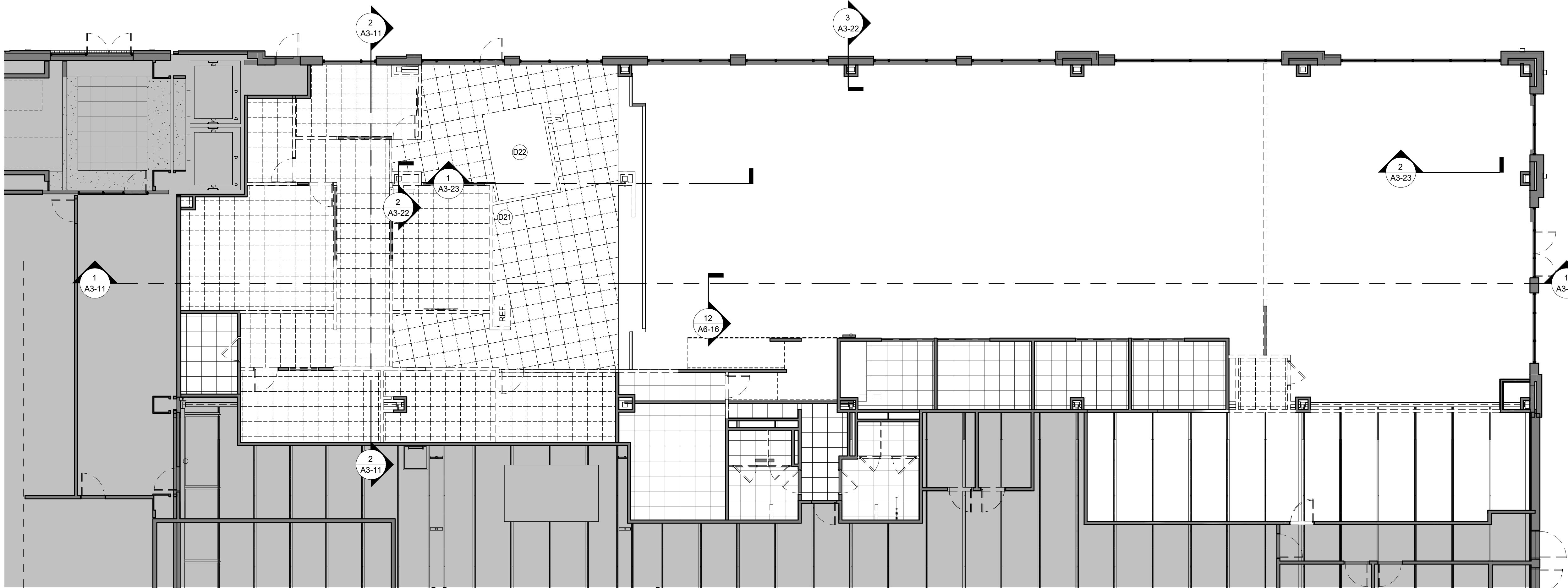
D21	DEMO ACT
D22	DEMO COMPOUND CEILING

### DEMOLITION SHEET NOTES

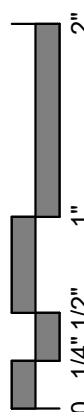
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- ALL ROOF PENETRATIONS SHALL BE PERFORMED BY THE TRADE REQUIRING THE SAME. PATCHING & FLASHING ROOF SHALL BE PERFORMED BY THE ROOFING CONTRACTOR.
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- MAINTAIN THE INTEGRITY OF ALL EXISTING RATED ELEMENTS. FIRE SEAL ANY PENETRATIONS WITH U.L. APPROVED ASSEMBLY.
- CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES.
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- WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH REMOVAL.
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- 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 TWO FINISH COATS OF PAINT; C) PROVIDE ONE FINISH COAT OF PAINT OVER EXISTING PAINTED WALLS.



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



1 FIRST FLOOR REFLECTED CEILING PLAN  
1/8" = 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

## FLOOR PLAN

SHEET

A1-21

### WALL LEGEND

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

### FLOOR PLAN SHEET NOTES

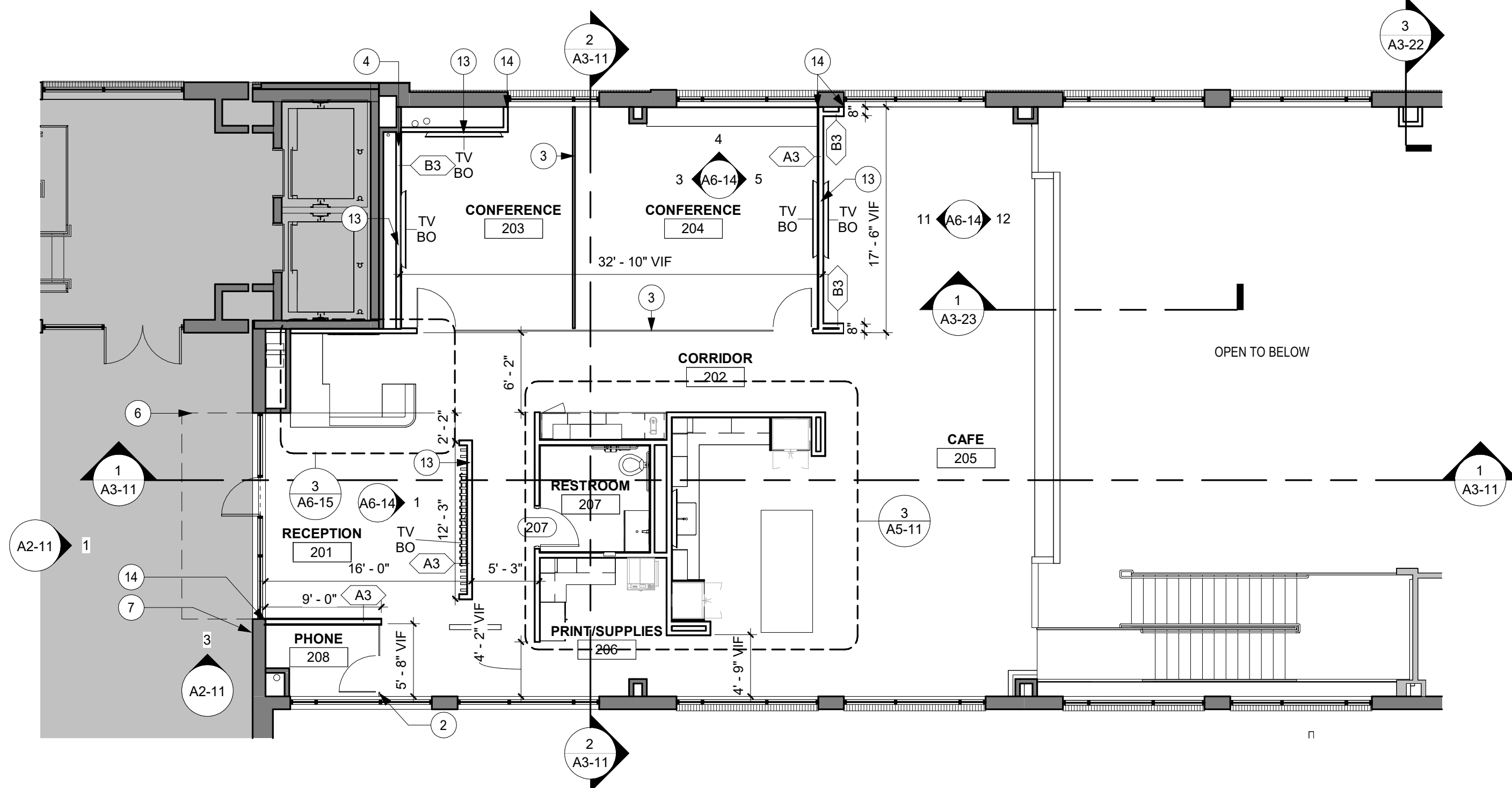
- ALL INTERIOR PARTITION WALLS SHALL BE WALL TYPE A, UNLESS OTHERWISE NOTED.
- INTERIOR WALL DIMENSIONS ARE FROM FACE OF MASONRY/ CONCRETE TO FACE OF STUD, UNLESS NOTED OTHERWISE.
- PAINT ALL EXPOSED METALS INCLUDING, BUT NOT LIMITED TO COLUMNS, RISERS, STRINGERS, HANDRAILS, GUARDRAILS, EXPOSED LINTELS 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, TV'S, 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 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.

### KEYNOTE LEGEND

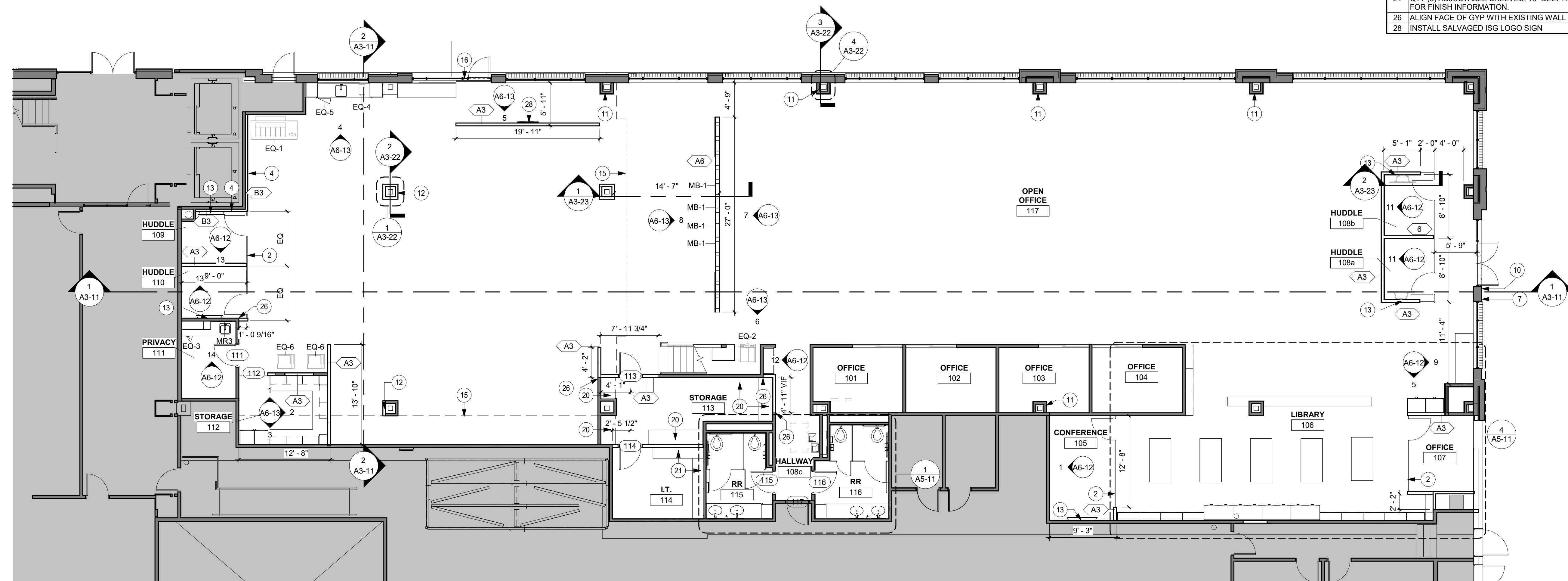
- FURNITURE WALL AND DOOR SYSTEM BY OTHERS. BULKHEAD ABOVE BY GC. SEE REFLECTED CEILING PLANS FOR HEIGHTS AND CONSTRUCTION.
- OPERABLE WALL SYSTEM. REFER TO INTERIOR FINISH SCHEDULE FOR SPECIFICATION INFORMATION.
- INSULATED WALL. INCLUDE SOUND BATT INSULATION, ACOUSTIC SEALANT AT HEAD AND SILL. BUILD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

### EQUIPMENT SCHEDULE

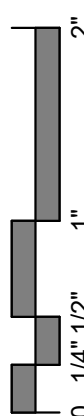
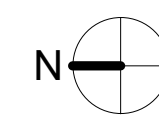
MARK	DESCRIPTION	COMMENTS	PROVIDED BY	INSTALLED BY
EQ-1	PLOTTER	EXISTING TO BE REUSED	OWNER	OWNER
EQ-2	FLOOR PRINTER	EXISTING TO BE REUSED	OWNER	OWNER
EQ-3	UNDERCOUNTER REFRIGERATOR	EXISTING TO BE REUSED	OWNER	CONTRACTOR
EQ-4	COFFEE MAKER	EXISTING TO BE REUSED	OWNER	OWNER
EQ-5	UNDERCOUNTER REFRIGERATOR, ADA HEIGHT	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	EXISTING TO BE REUSED	OWNER	CONTRACTOR
EQ-8	MICROWAVE		OWNER	CONTRACTOR
EQ-9	DISHWASHER		OWNER	CONTRACTOR
EQ-10	KEURIG COFFEE MAKER WITH PLUMBING CONNECTION		OWNER	CONTRACTOR



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



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



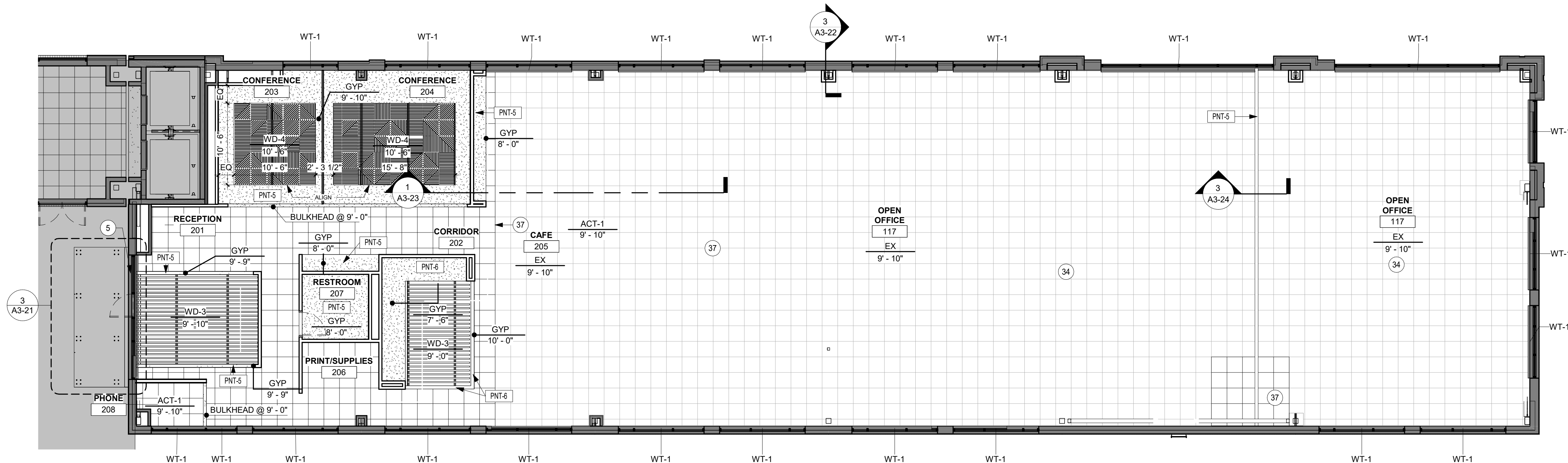
ISG

## RCP SHEET NOTES

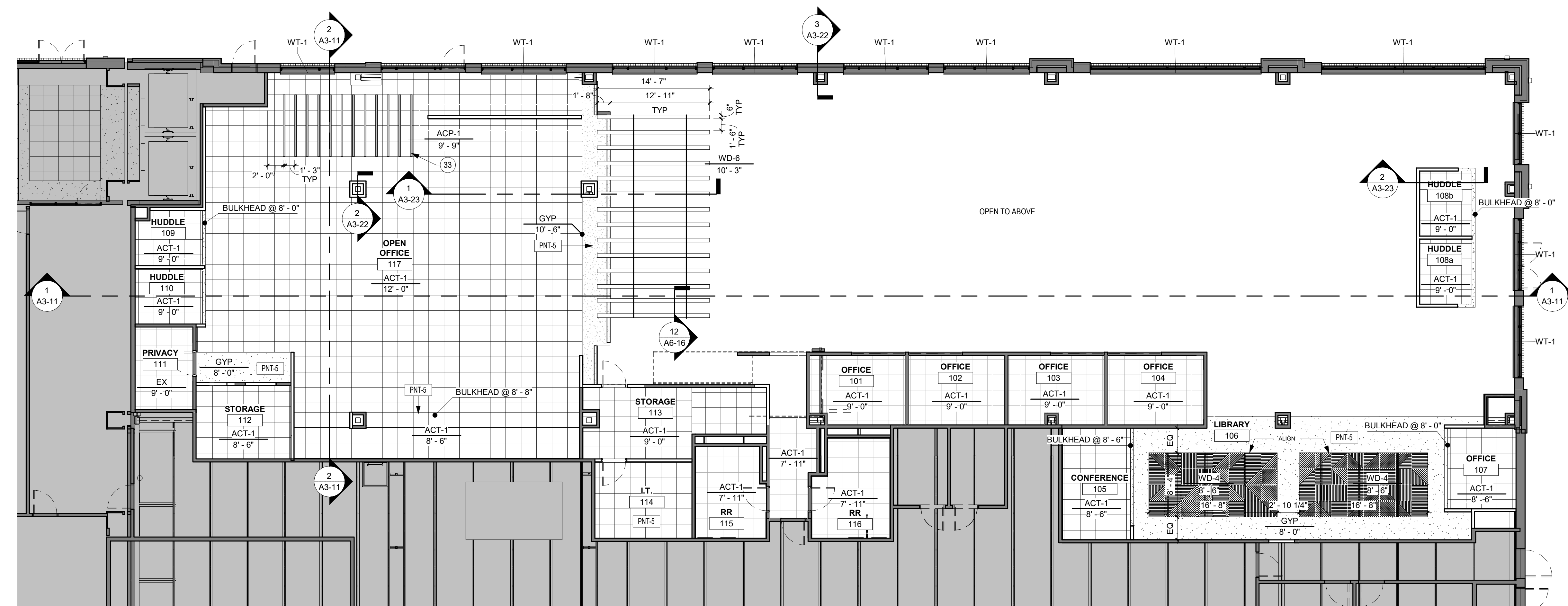
- COORDINATE WITH MECHANICAL, PLUMBING, FIRE PROTECTION AND ELECTRICAL FOR EXACT LOCATIONS OF CEILING FIXTURES, DIFFUSERS, SPRINKLER HEADS, ETC.
- REFER TO HVAC PLANS FOR THE LOCATION OF ANY AND ALL PLENUM CEILING SPACES. ALL WALLS AND SOFFITS CREATING THE PLENUM SHALL EXTEND TO THE UNDERSIDE OF STRUCTURE 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

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



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



1 FIRST FLOOR REFLECTED CEILING PLAN  
1/8" = 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

REFLECTED  
CEILING PLAN

SHEET

A1-31





KEYNOTE LEGEND

- 22 ALIGN FLOORING TO WALL  
23 FLOORING TRANSITION TO BE IN LINE WITH FRAME OF FURNITURE WALLS

INDICATES DIRECTION OF FLOORING INSTALLATION PATTERN

OR INDICATES LOCATION OF CORNER GUARDS

ROOM / FINISH TAG

ROOM NAME

ROOM #  
C CEILING  
W WALL  
B BASE  
F FLOOR

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

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO. 25-32986

FILE NAME 32986 Arch R24

DRAWN BY CRR

DESIGNED BY CRR

REVIEWED BY AJW

ORIGINAL ISSUE DATE MM/DD/YY

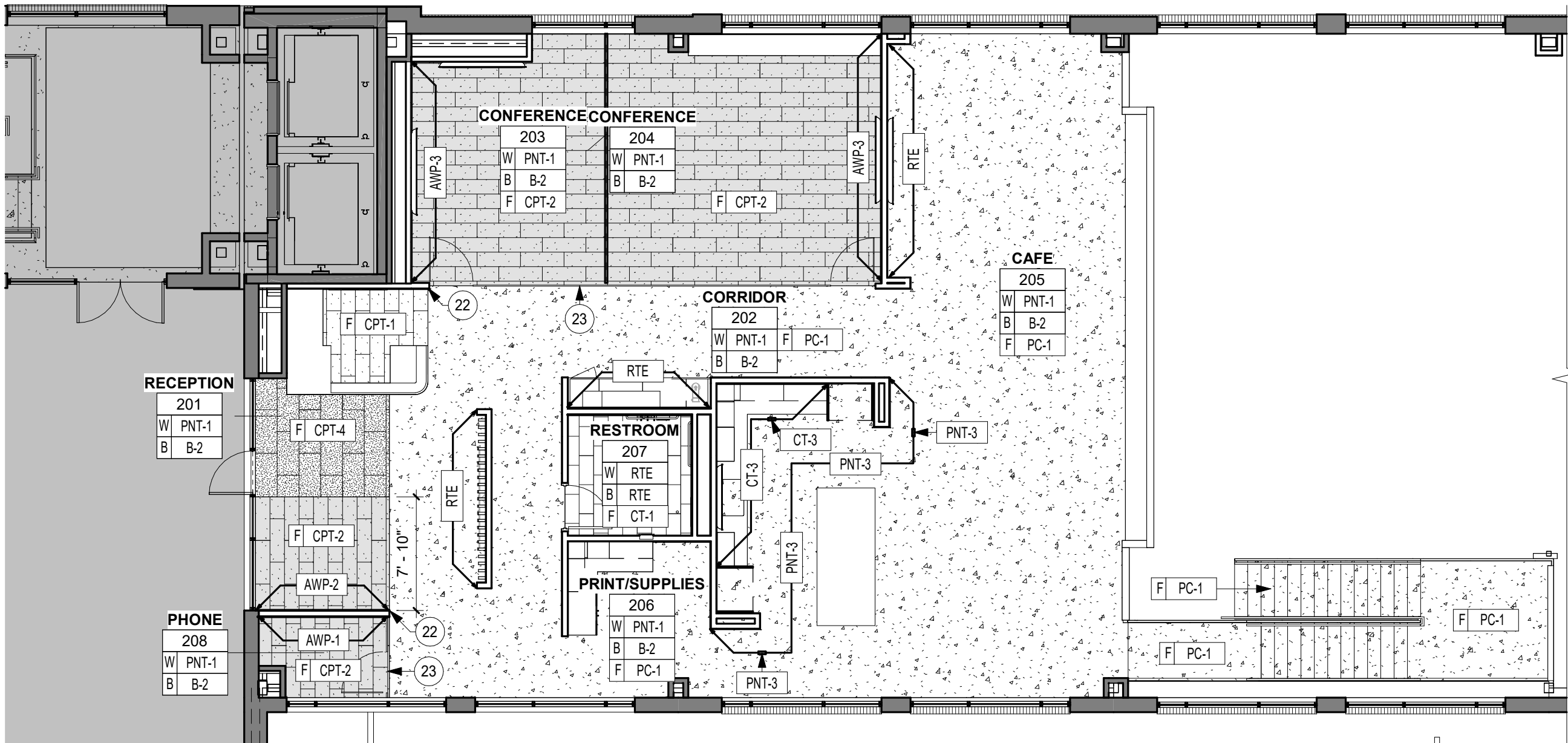
CLIENT PROJECT NO.

TITLE

FLOOR FINISH  
PLAN

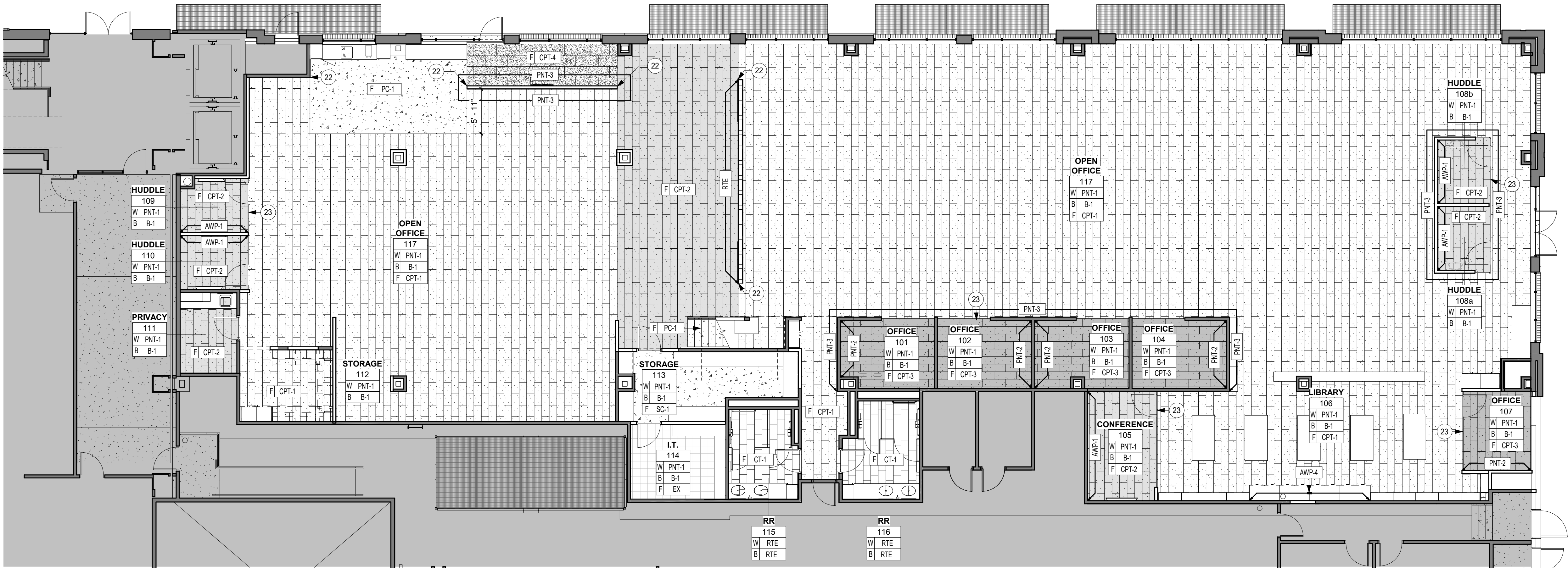
SHEET

A1-41



2 MEZZANINE FLOOR FINISH PLAN

1/8" = 1'-0"



1 FIRST FLOOR FINISH PLAN

1/8" = 1'-0"



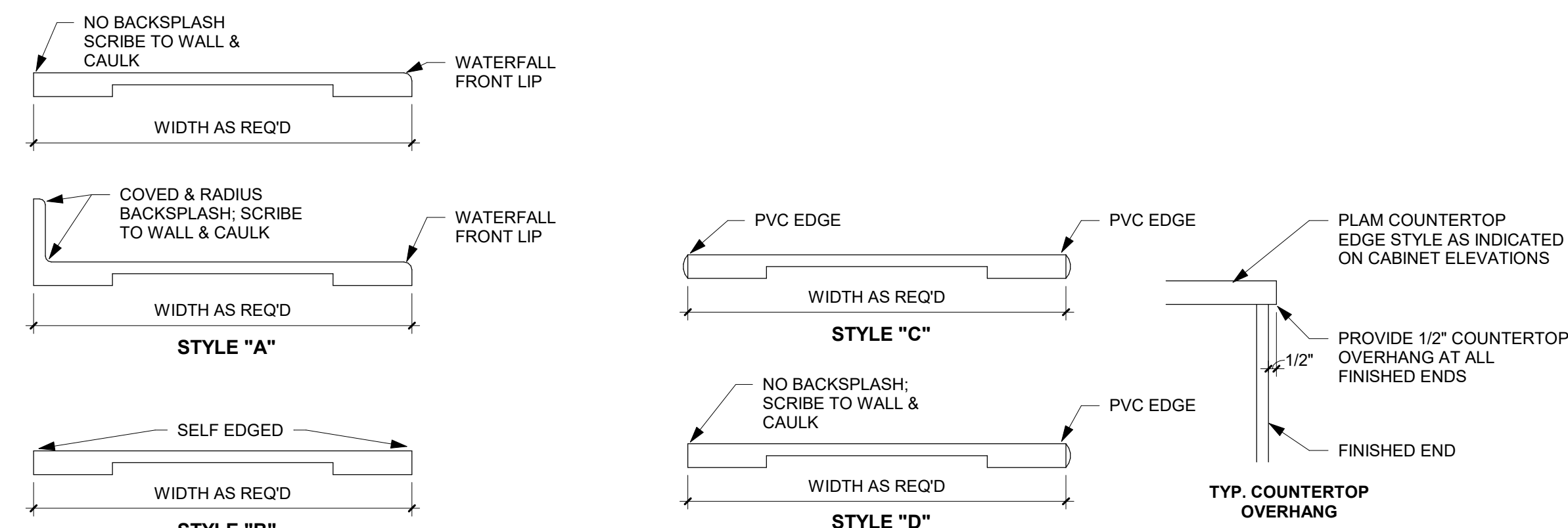
0 1/4" 1/2" 1" 2"

PRELIMINARY NOT FOR CONSTRUCTION



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	MIDNIGHT BLUE	UNISTRUT HANGER SUSPENSION METHOD	REFER TO ELECTRICAL PLANS FOR ACP AN DLIGHT SPECS
ACT-1	MINERAL FIBER	ARMSTRONG	ULTIMA 24"X24"X3/4" BEVELED TEGULAR	WHITE	9/16" SUPRAPRINE SUSPENSION SYSTEM IN WHITE FINISH. TO INCLUDE HOLD DOWN CLIPS IN VESTIBULE LOCATIONS.	REFER TO RCP
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	DEREE / 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 10659 / 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	EMBOSSSED / 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" 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 MANUFACTUER'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 MANUFACTUER'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/EMBOSSSED / 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 VIT 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"L	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	SHADE:CHARCOAL/BLACK, FASCIA: CLEAR ANODIZED	-	REFER TO RCP



1 COUNTERTOP STYLES  
1 1/2" = 1'-0"

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/SOFFT 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.	INSTALL 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 AIA/AIA/MACWI 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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PROJECT

ISG RALEIGH  
BUILD OUT

RALEIGH NORTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

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

TITLE

FINISH  
SCHEDULES

SHEET

A1-49

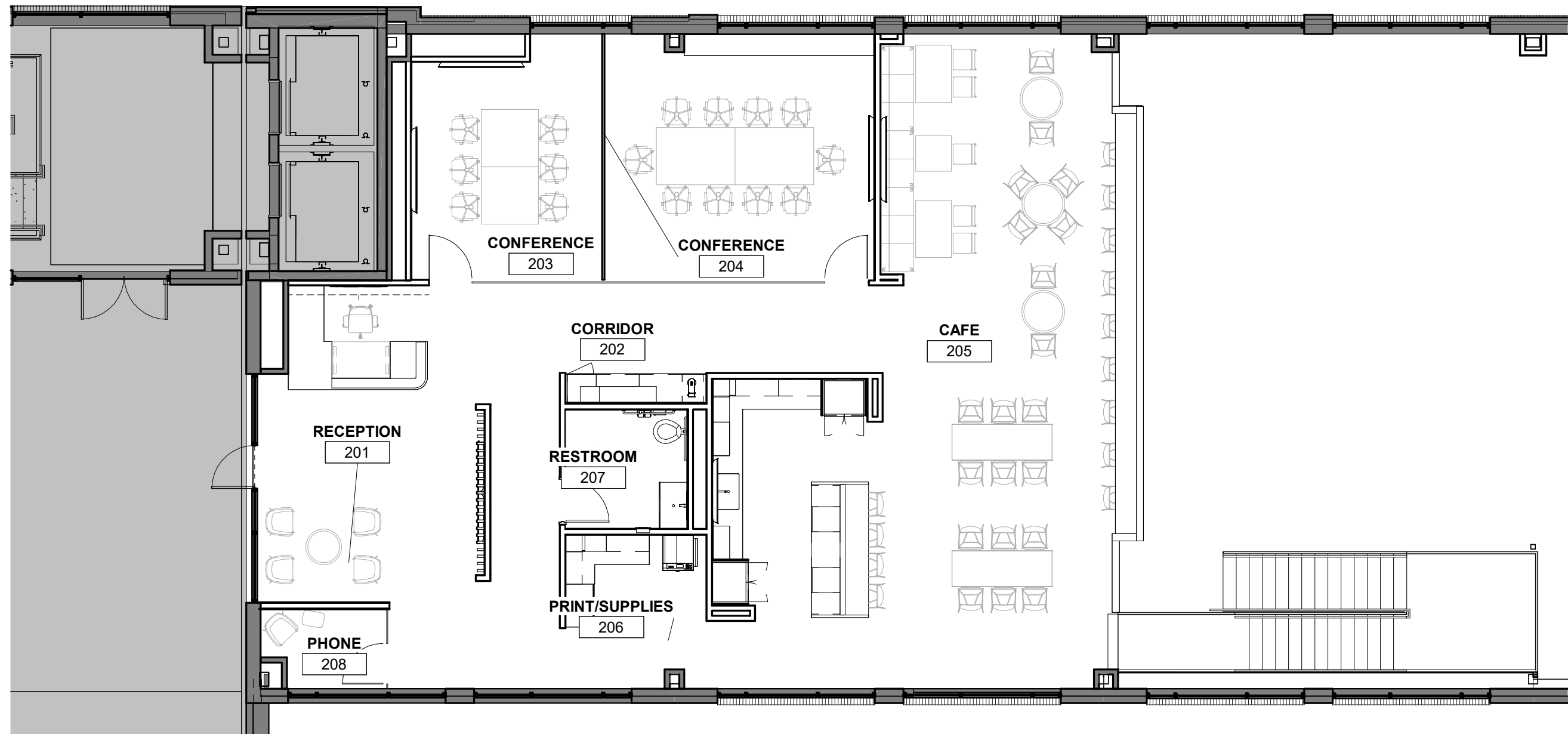
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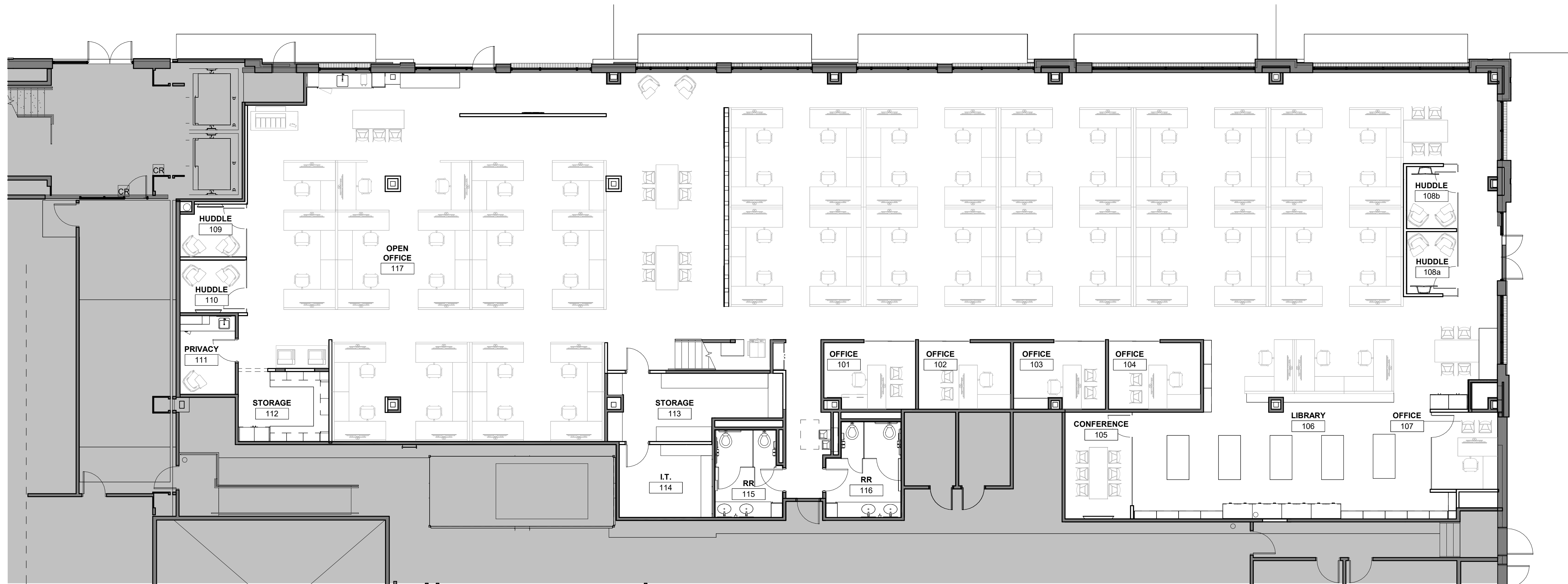
FURNITURE PLAN SHEET NOTES

- 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"



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

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BUILD OUT

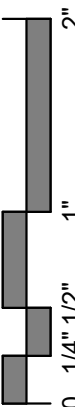
RALEIGH NORTH CAROLINA

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FLOOR  
FURNITURE PLAN

SHEET  
A1-51





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/INSTALL.
- C. SIGN BACKERS REQUIRED ON ALL SIGNS MOUNTED TO GLASS
- D. DIMENSIONAL LETTERS TO BE STUD MOUNT INSTALLATION UNLESS NOTED OTHERWISE

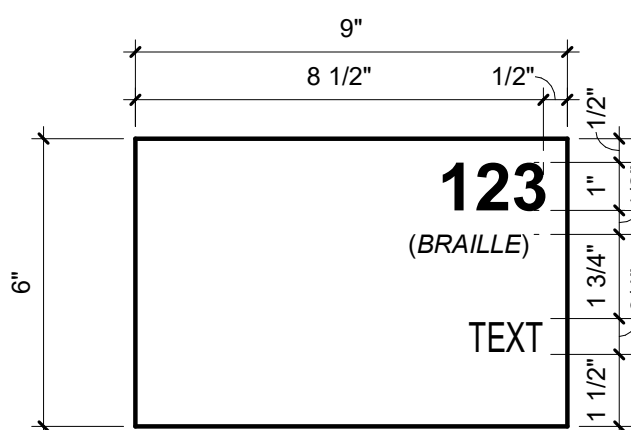
SIGNAGE FINISHES

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

SIGNAGE SCHEDULE

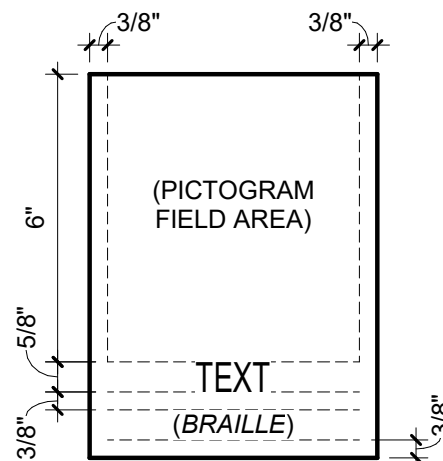
TYPE	SIGNAGE LOCATION	SIGNAGE VERBIAGE
B2	117 OPEN OFFICE	PRIVACY
C1	108c HALLWAY	MEN
C2	108c HALLWAY	WOMEN
C3		RESTROOM

ROOM SIGNAGE



SIGN TYPE B2

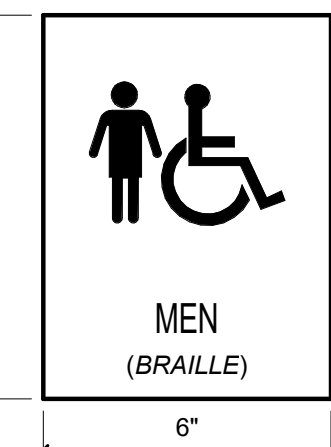
REGULATORY SIGNAGE



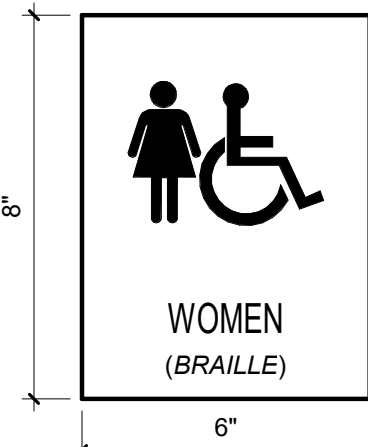
REGULATORY SIGN TYPICAL

\*DIMENSIONS INDICATE MINIMUMS

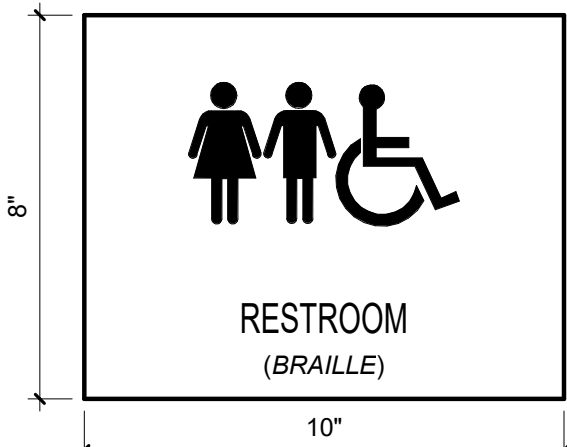
\*PICTOGRAMS STYLE AND SIZE ON EACH SIGN TYPE INDICATES BASIS OF DESIGN. SIGNAGE VENDOR TO COMPLY WITH ADAAG



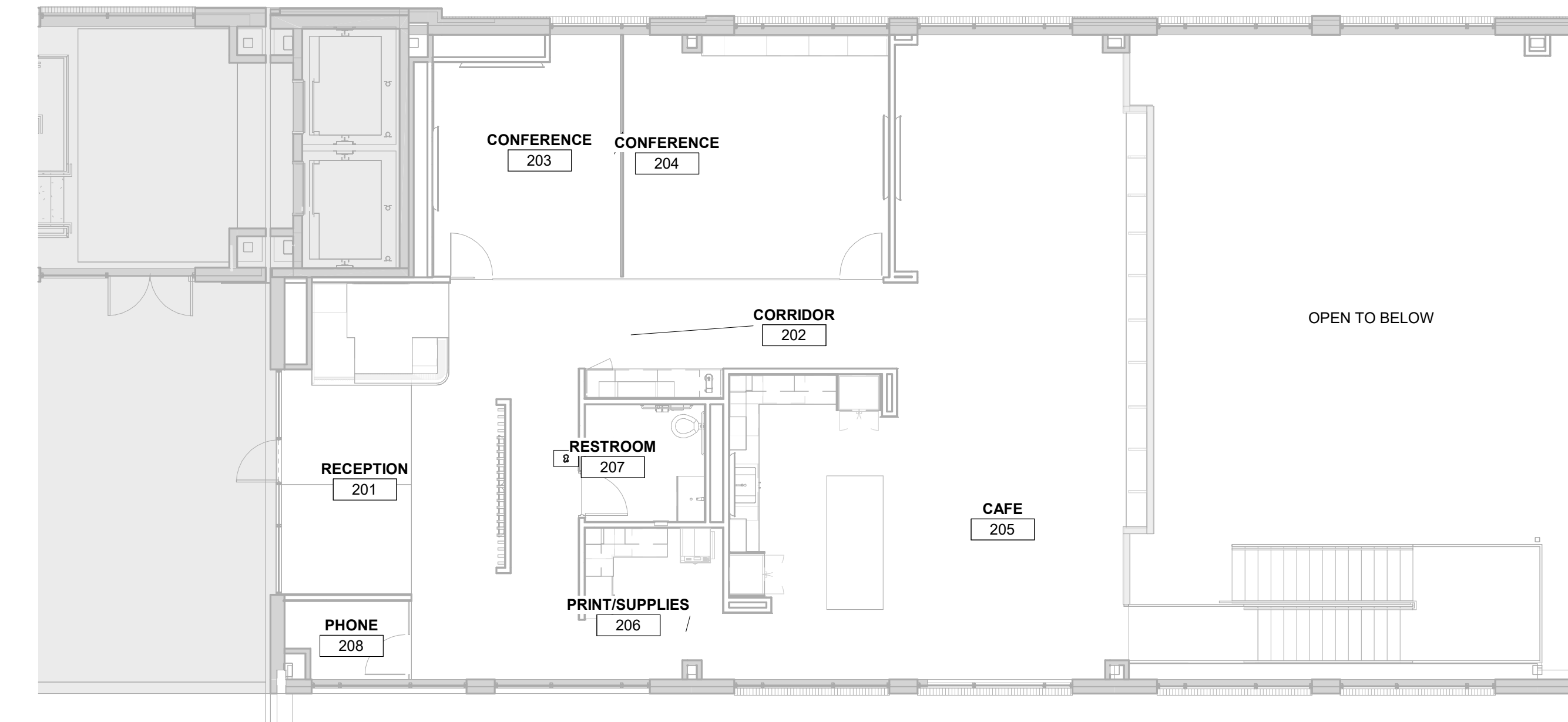
SIGN TYPE C1



SIGN TYPE C2



SIGN TYPE C3



2 MEZZANINE SIGNAGE PLAN

1/8" = 1'-0"



3 FIRST FLOOR SIGNAGE PLAN

1/8" = 1'-0"

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SIGNAGE PLAN &  
SCHEDULE

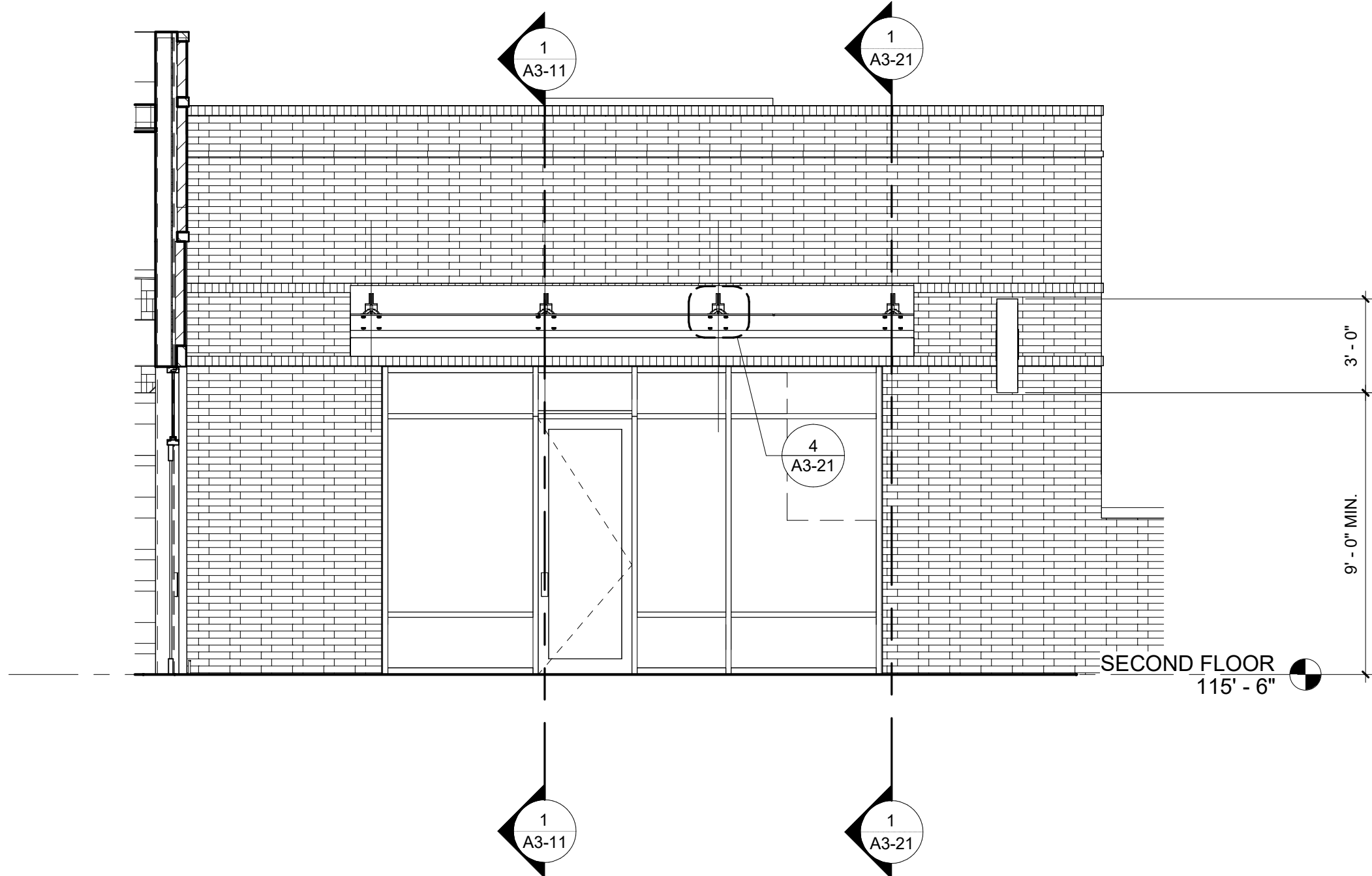
SHEET

A1-69

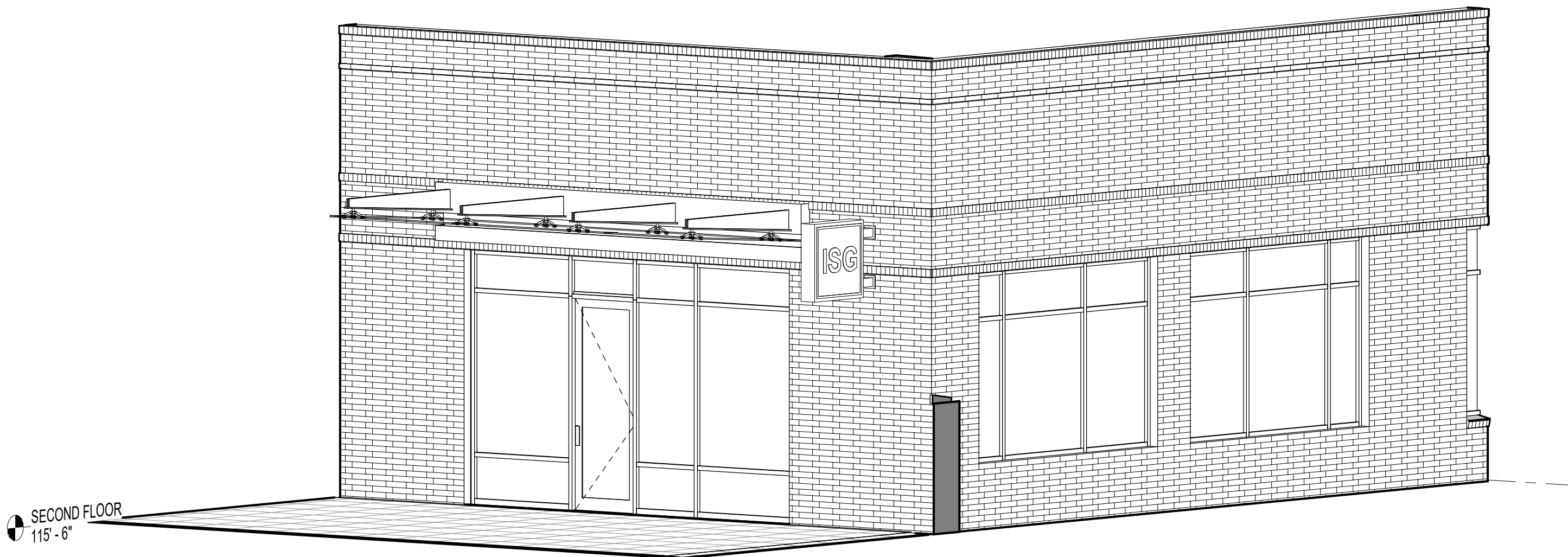


EXTERIOR FINISH SCHEDULE						
MARK	MATERIAL TYPE	MANUFACTURER	MODEL / SIZE	COLOR	ADDITIONAL INFORMATION	COMMENTS

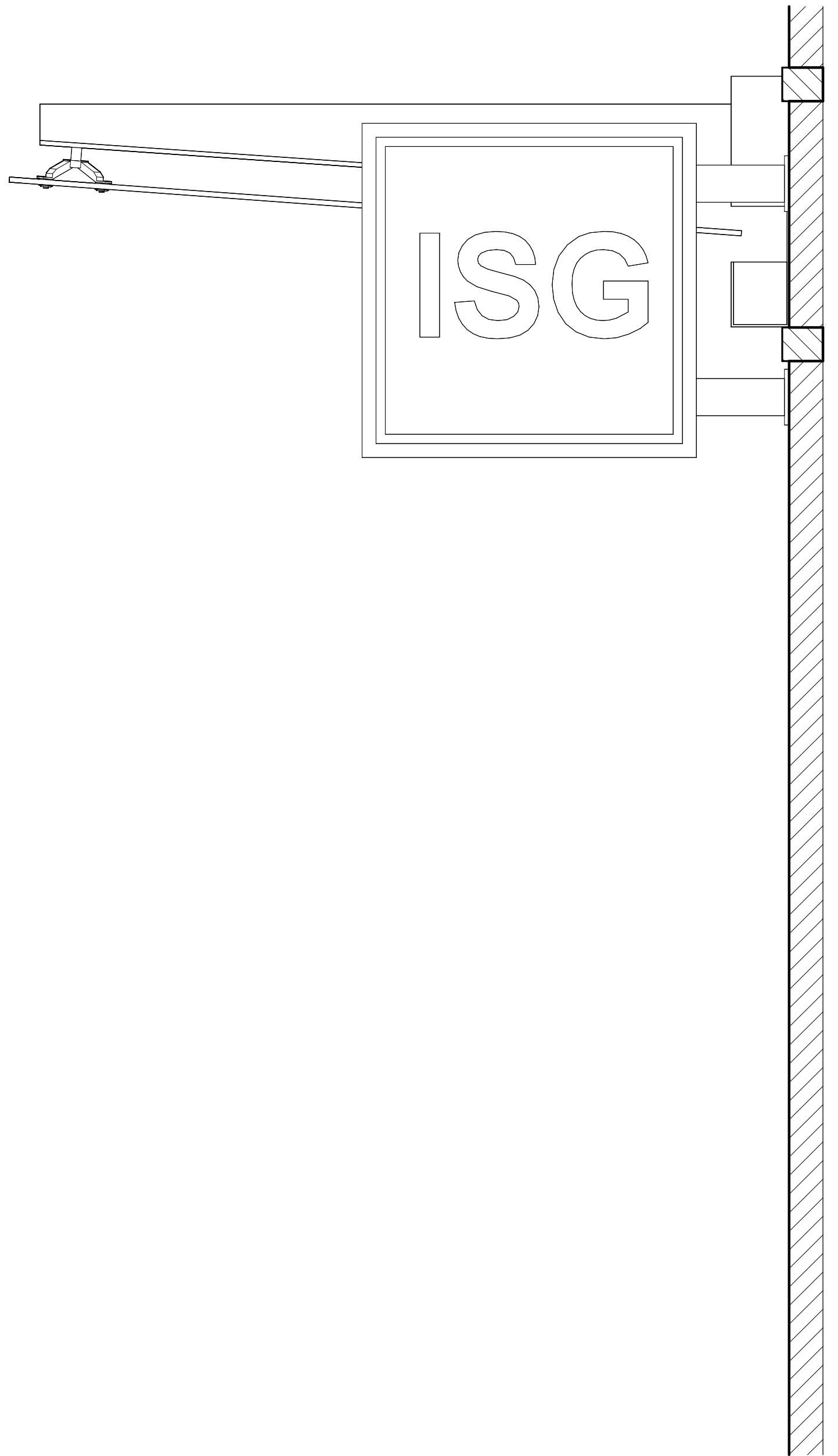
EXTERIOR ELEVATION NOTES	
• THROUGH-WALL FLASHING LOCATED ABOVE GRADE.	LOCATED ABOVE GRADE.
• PAINT ALL EXPOSED FACADE MATERIALS TO MATCH ADJACENT SURFACES.	DETAILS TO MATCH ADJACENT SURFACES.
• SEALANT COORDINATE WITH ADJACENT FINISHED SURFACES.	VERIFY INFO WHEN VERIFIED
REMOVE NOTE WHEN VERIFIED	



1 FAYETTEVILLE ST. ENTRANCE  
1/4" = 1'-0"



2 FAYETTEVILLE ENTRANCE



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
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TITLE

EXTERIOR  
ELEVATIONS

SHEET

A2-11

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**ISG RALEIGH  
BUILD OUT**

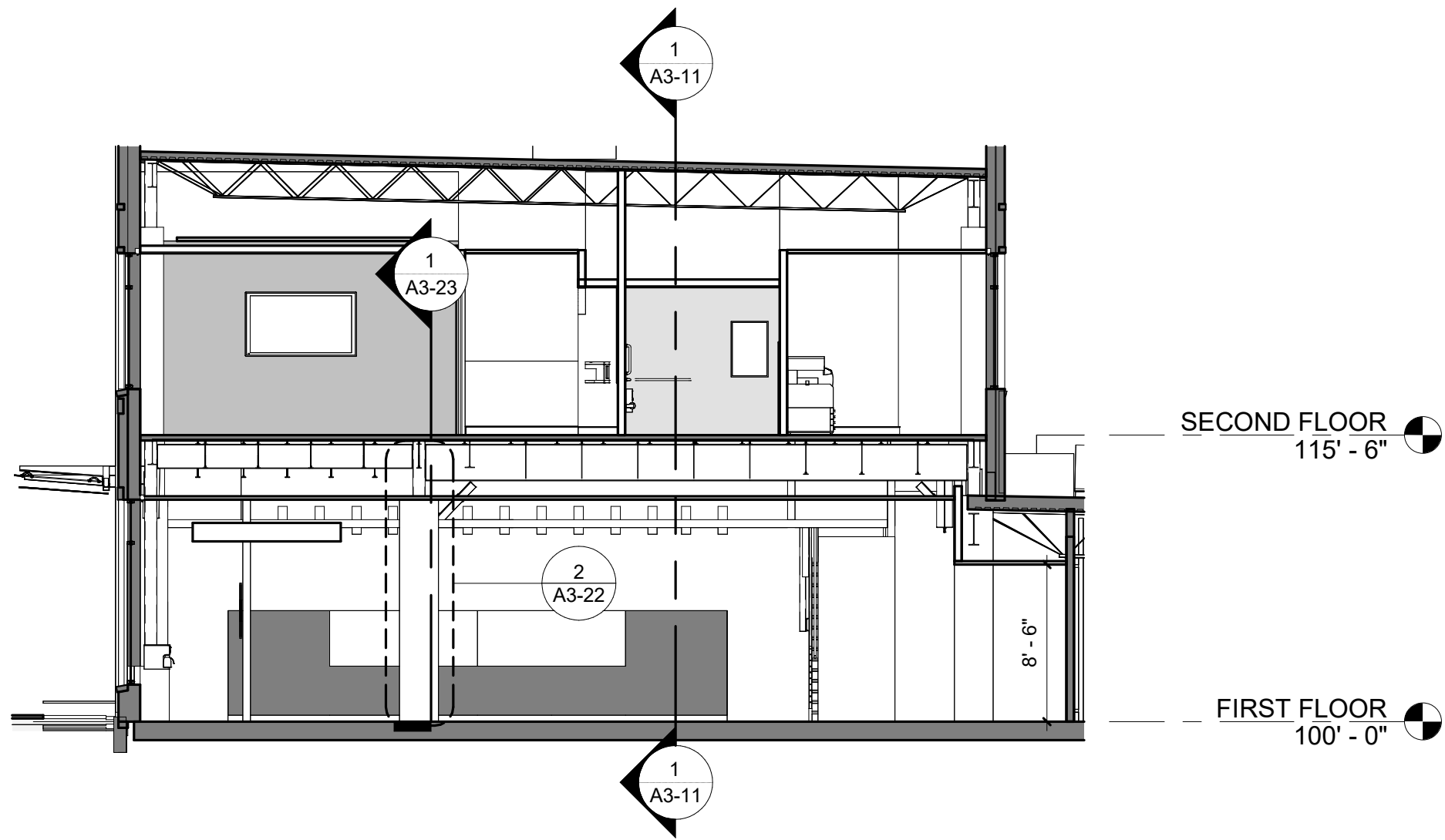
RALEIGH NORTH CAROLINA

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DATE	DESCRIPTION	BY

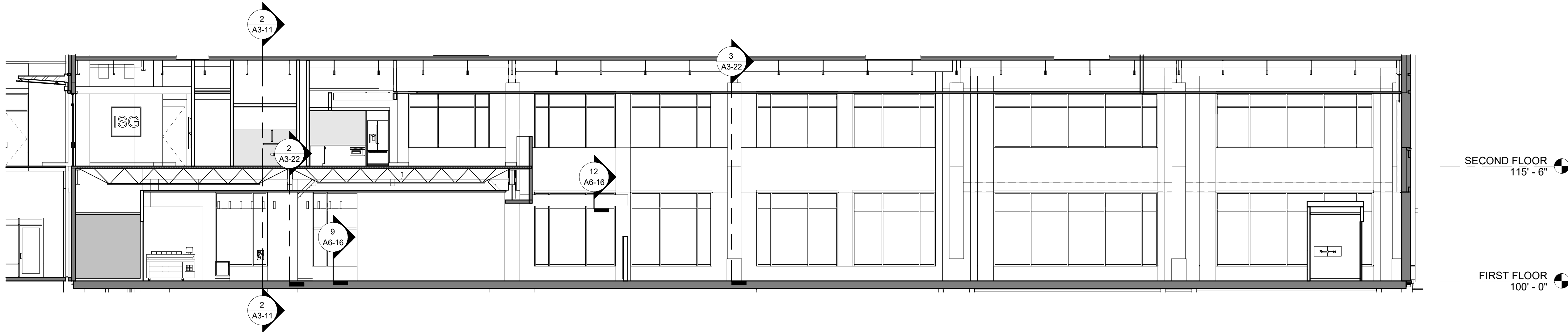
PROJECT NO.	25-32986
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**BUILDING  
SECTIONS**

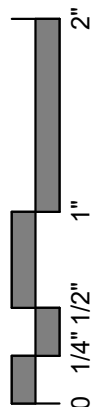
SHEET  
**A3-11**

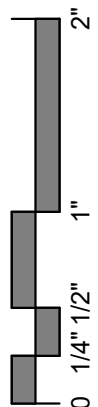


**2 BUILDING SECTION - SOUTH**  
1/8" = 1'-0"

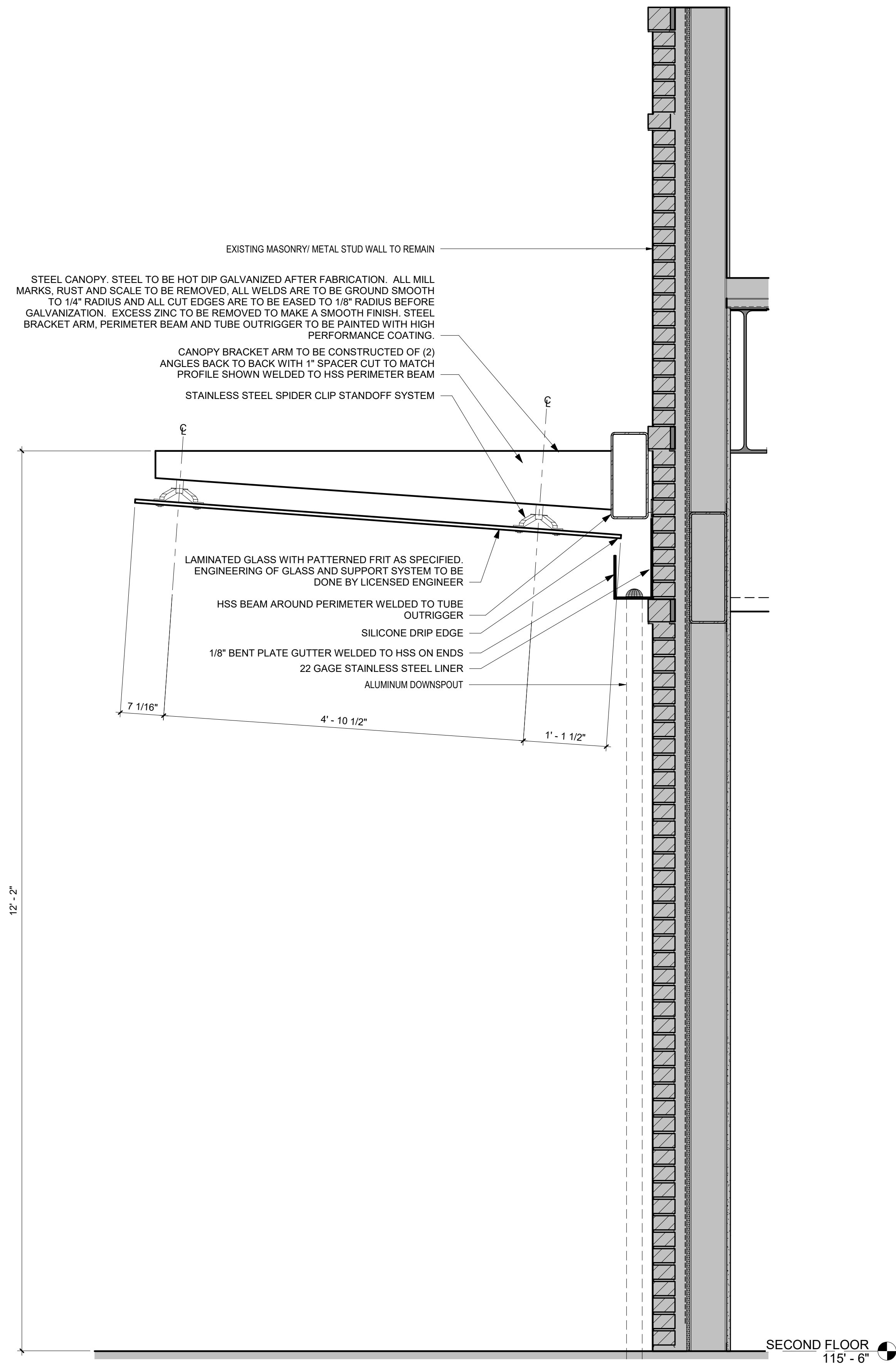


**1 BUILDING SECTION - EAST**  
1/8" = 1'-0"

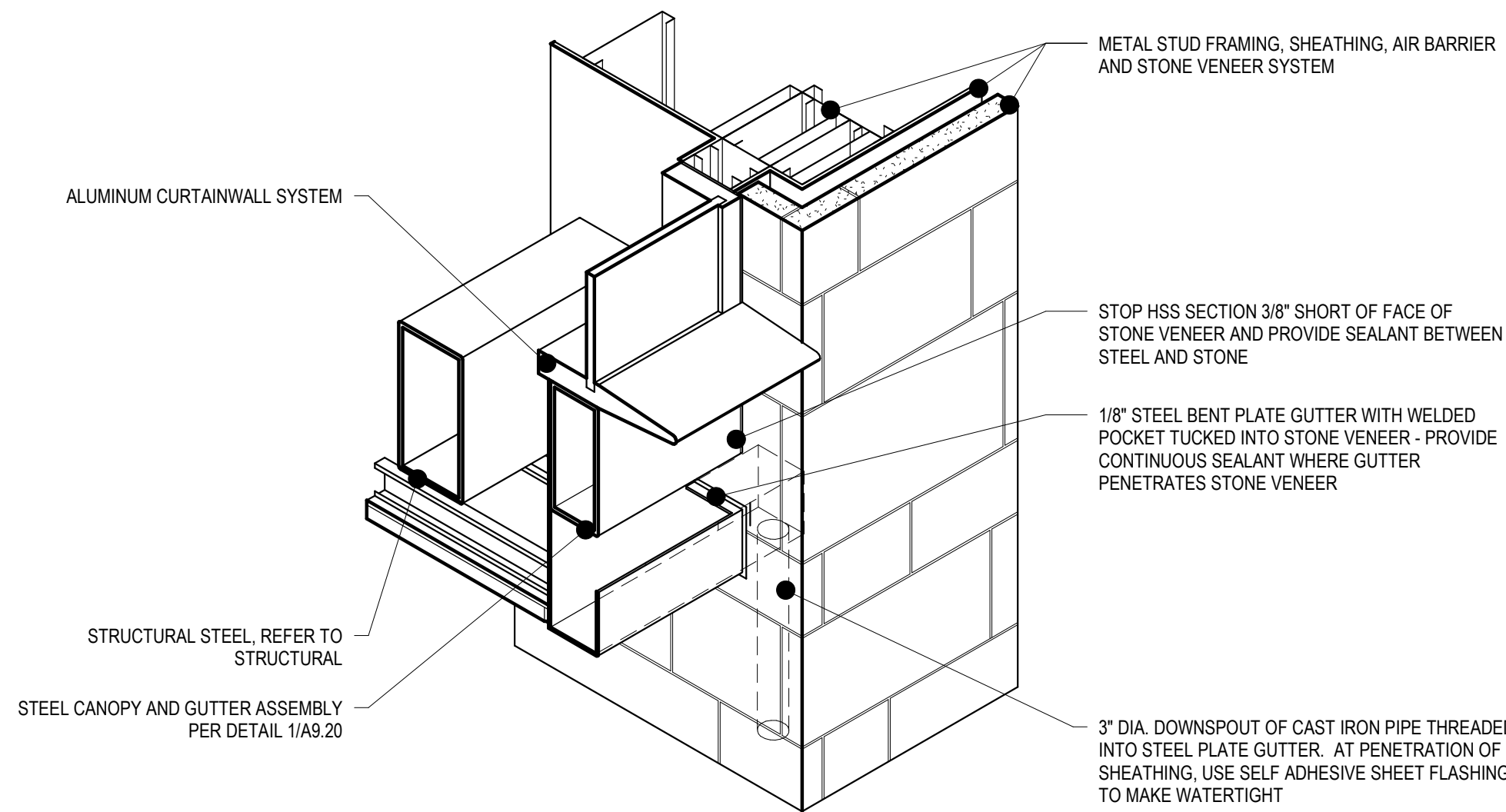




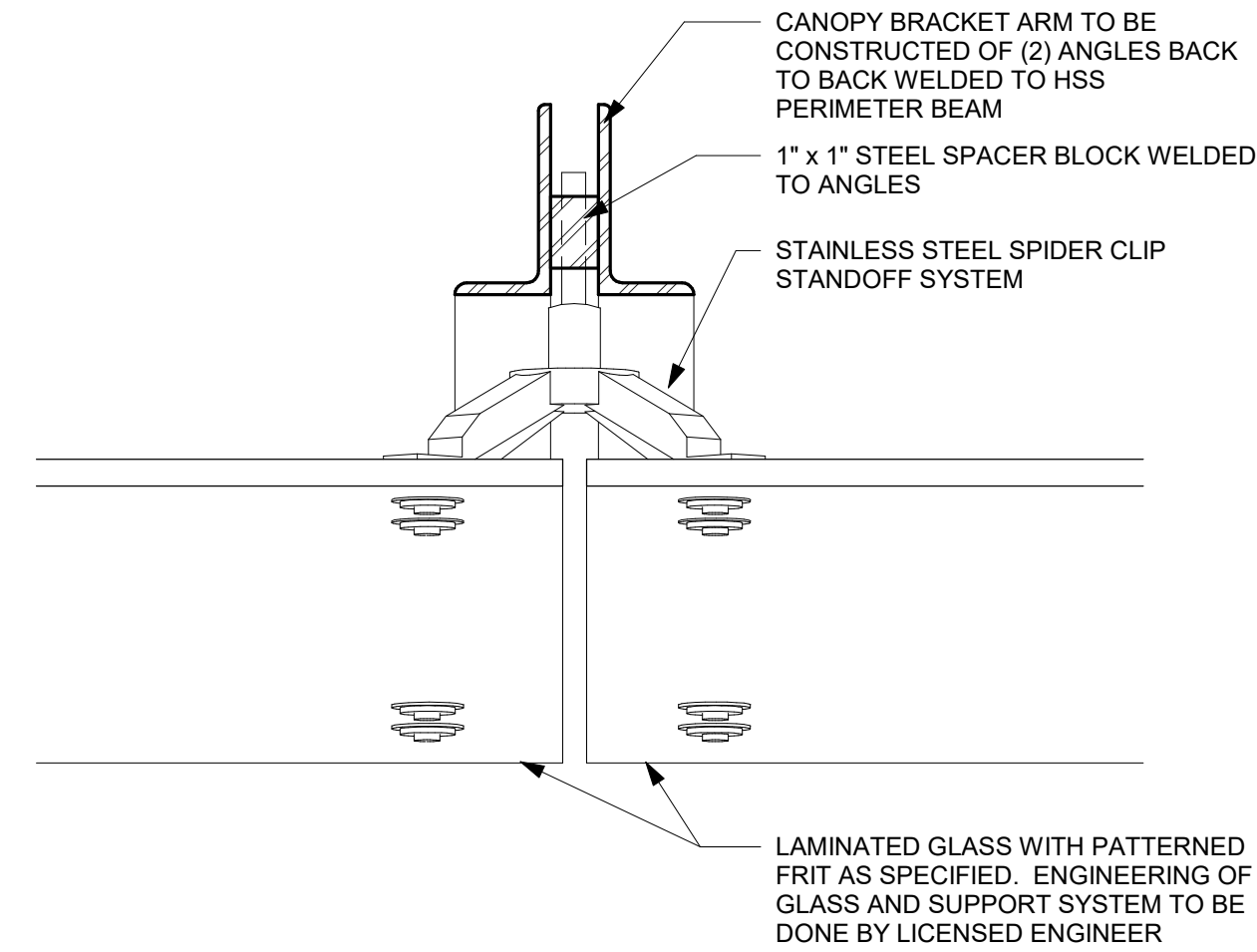
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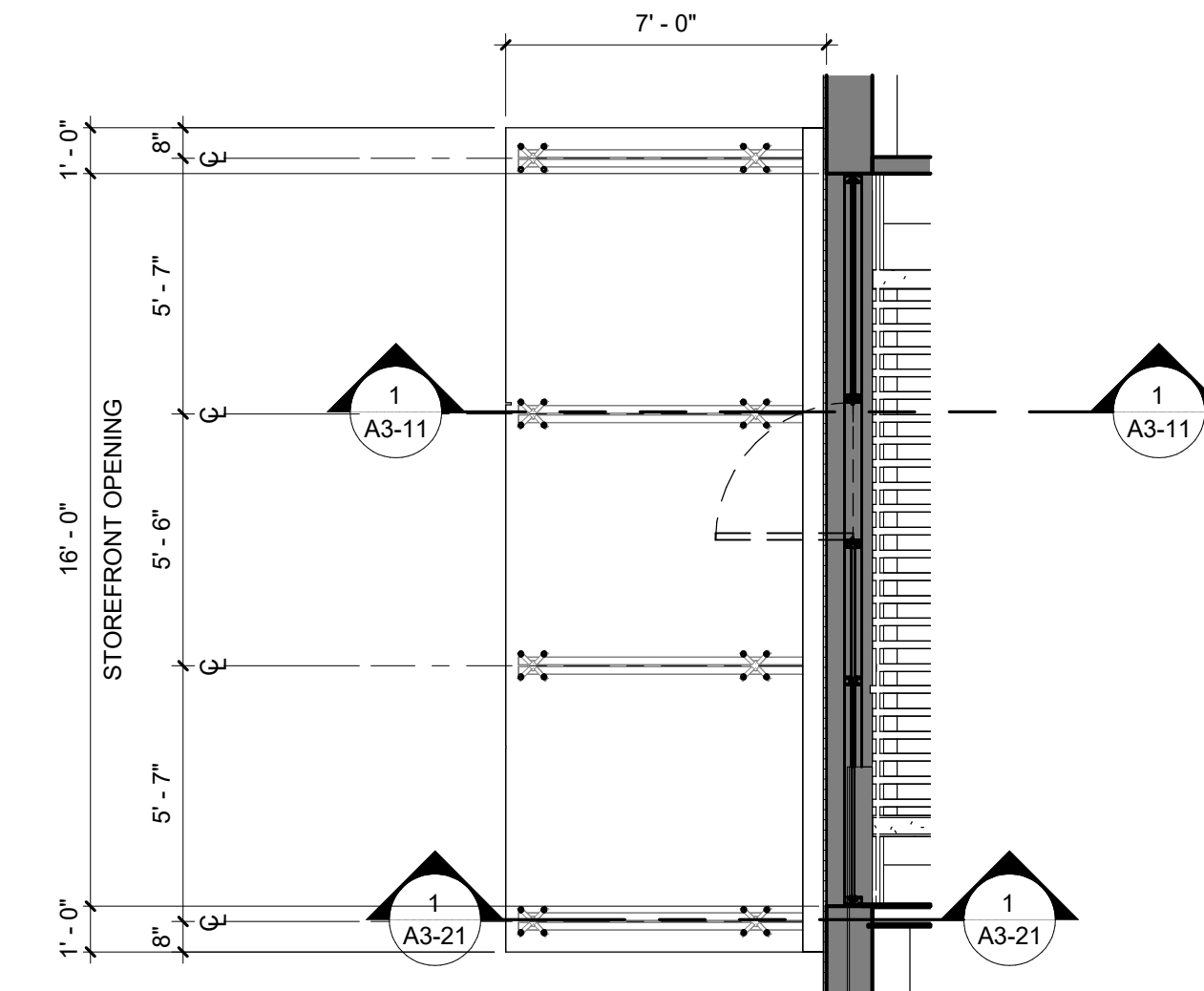
1 CANOPY SECTION  
1" = 1'-0"



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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## 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
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TITLE

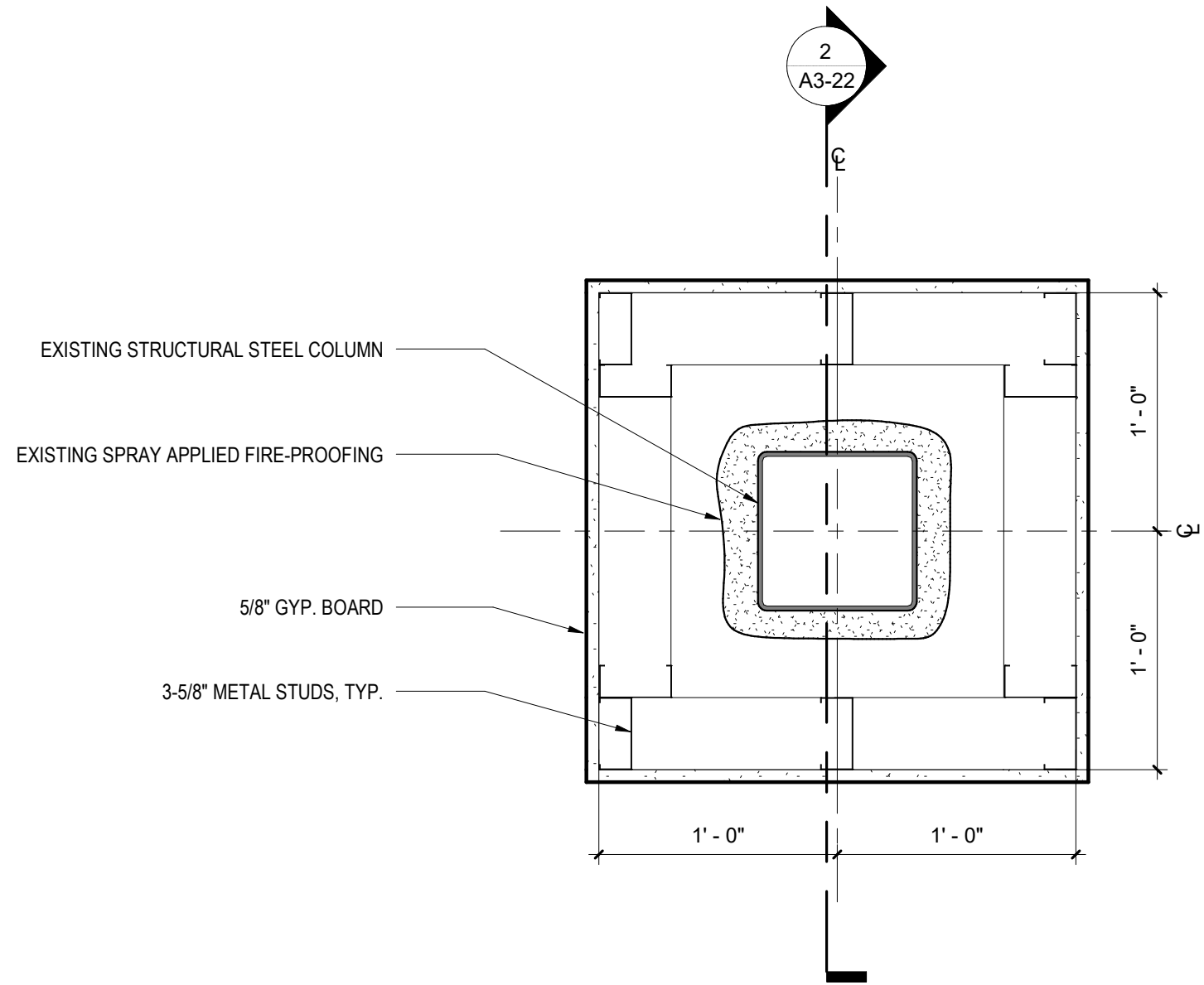
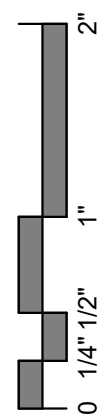
## WALL SECTIONS

SHEET

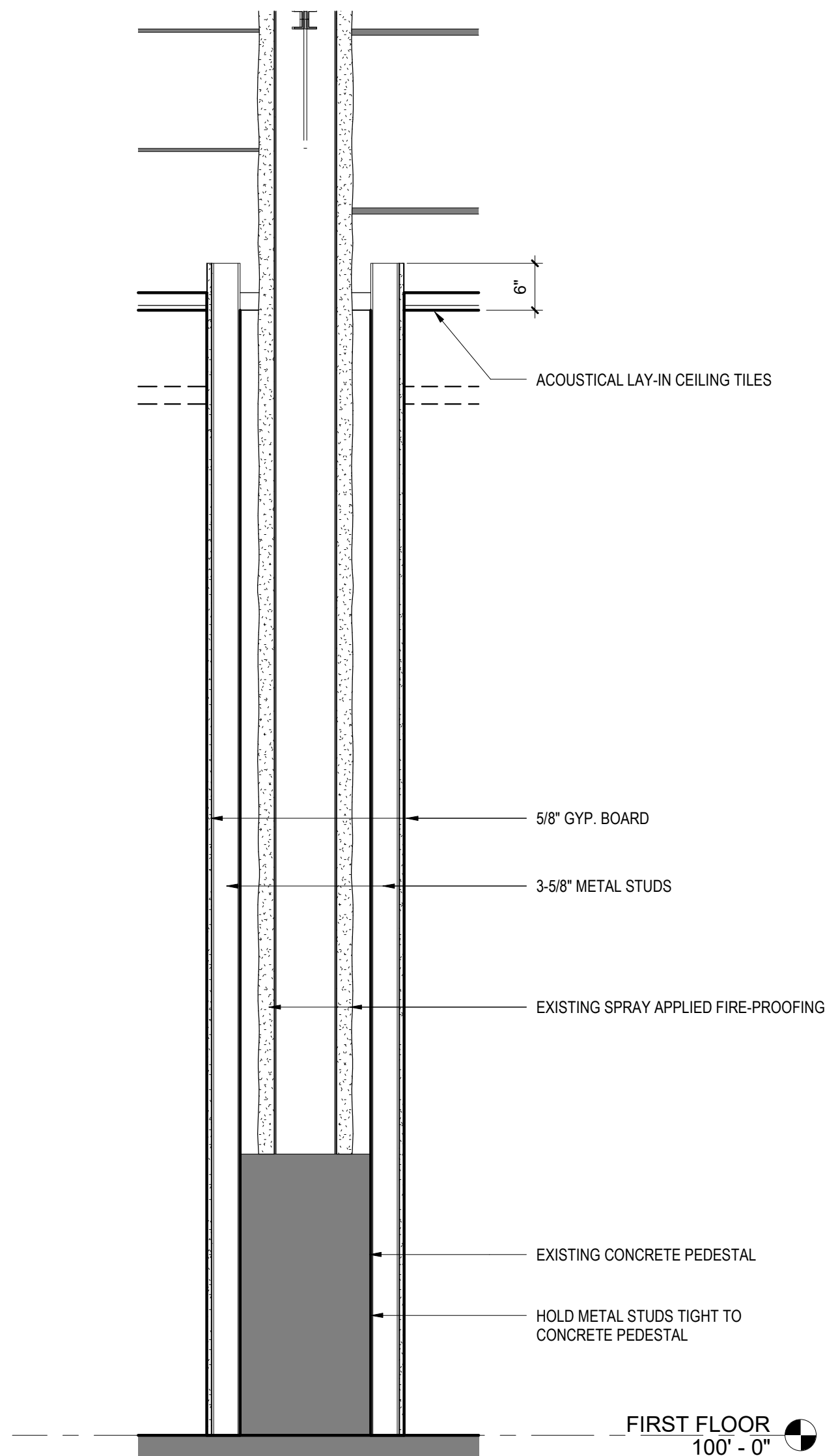
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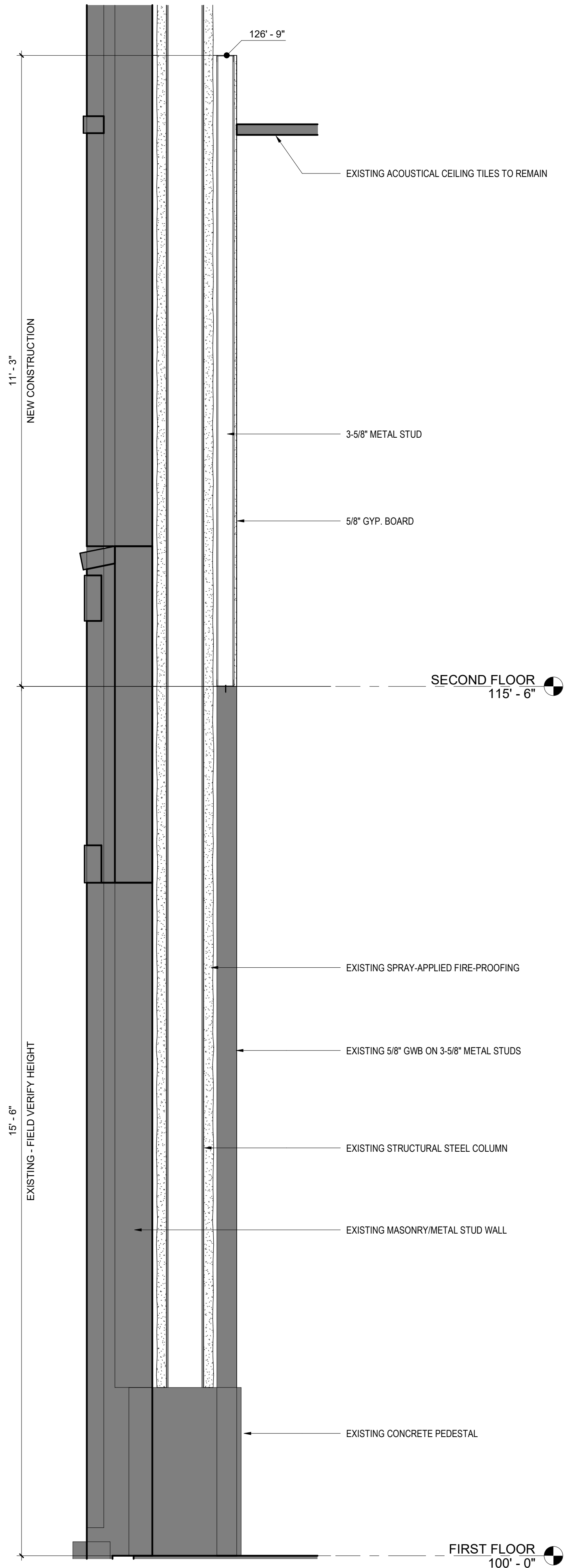




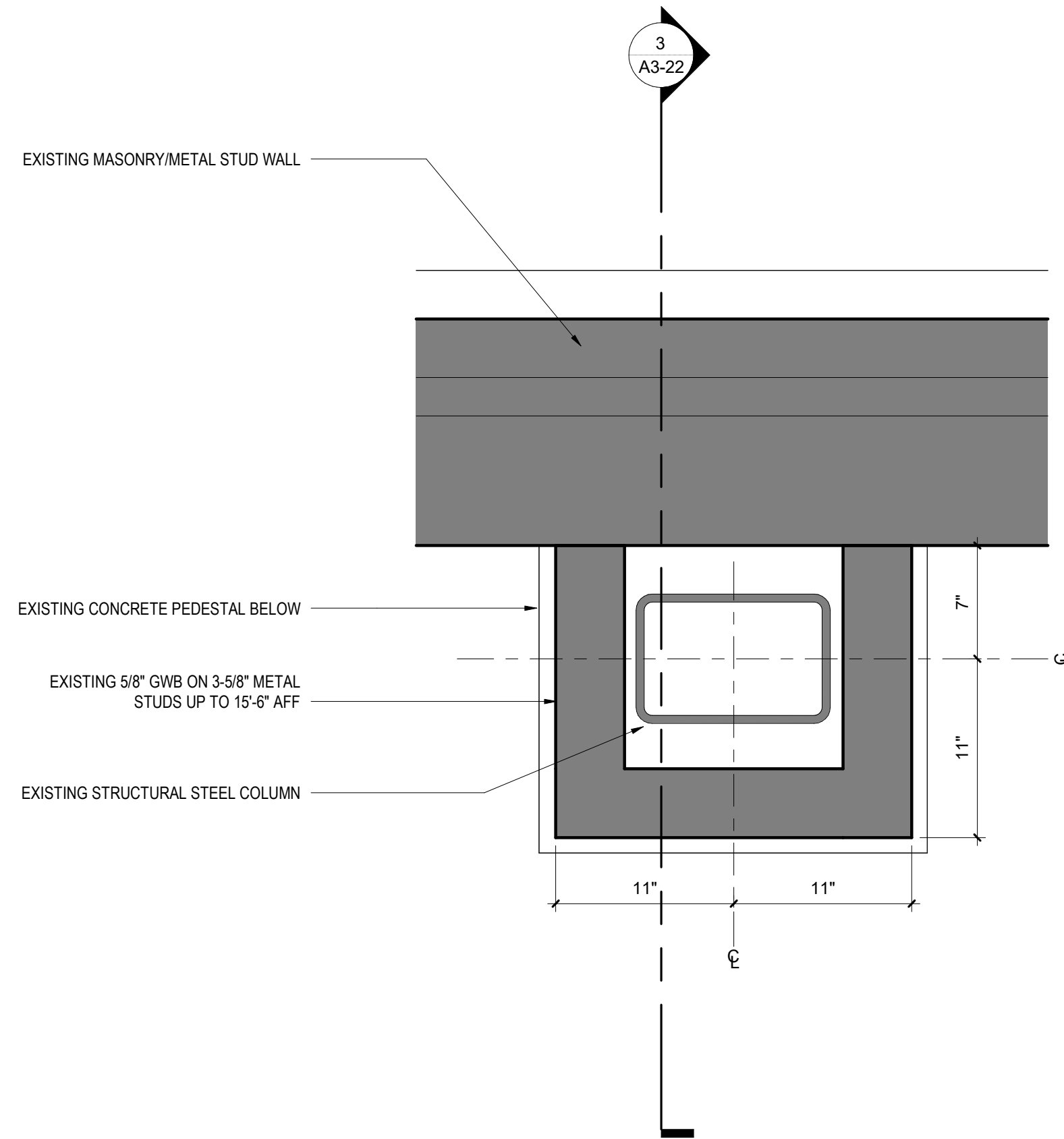
1 COLUMN DETAIL  
1 1/2" = 1'-0"



2 COLUMN SECTION  
3/4" = 1'-0"



3 COLUMN AGAINST WALL SECTION  
3/4" = 1'-0"



4 COLUMN AGAINST WALL DETAIL  
1 1/2" = 1'-0"



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## ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

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CLIENT PROJECT NO.	

TITLE

## WALL SECTIONS AND DETAILS

SHEET

A3-22



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PROJECT

**ISG RALEIGH  
BUILD OUT**

RALEIGH NORTH CAROLINA

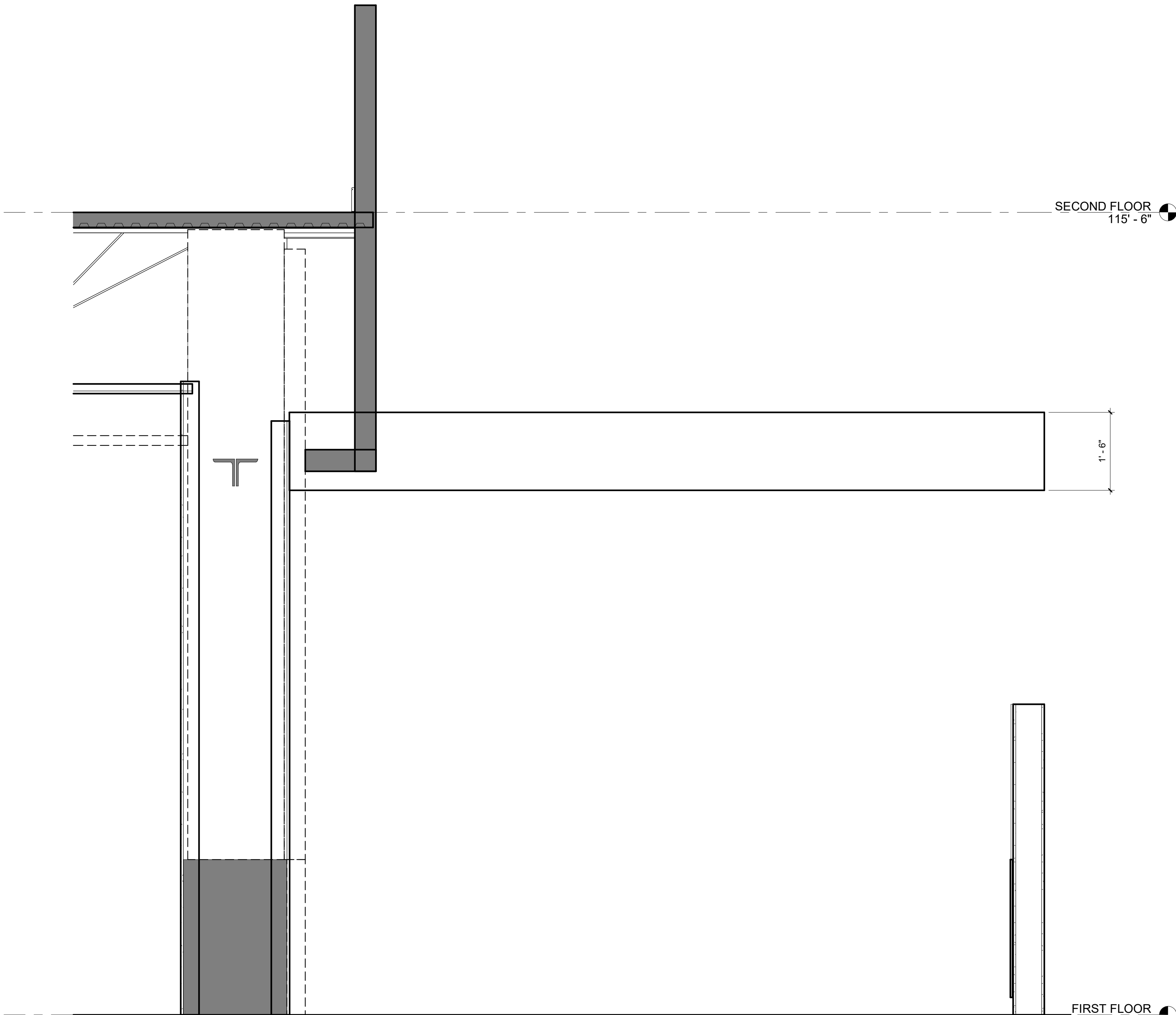
REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	25-32986
FILE NAME	32986 Arch R24
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DESIGNED BY	Designer
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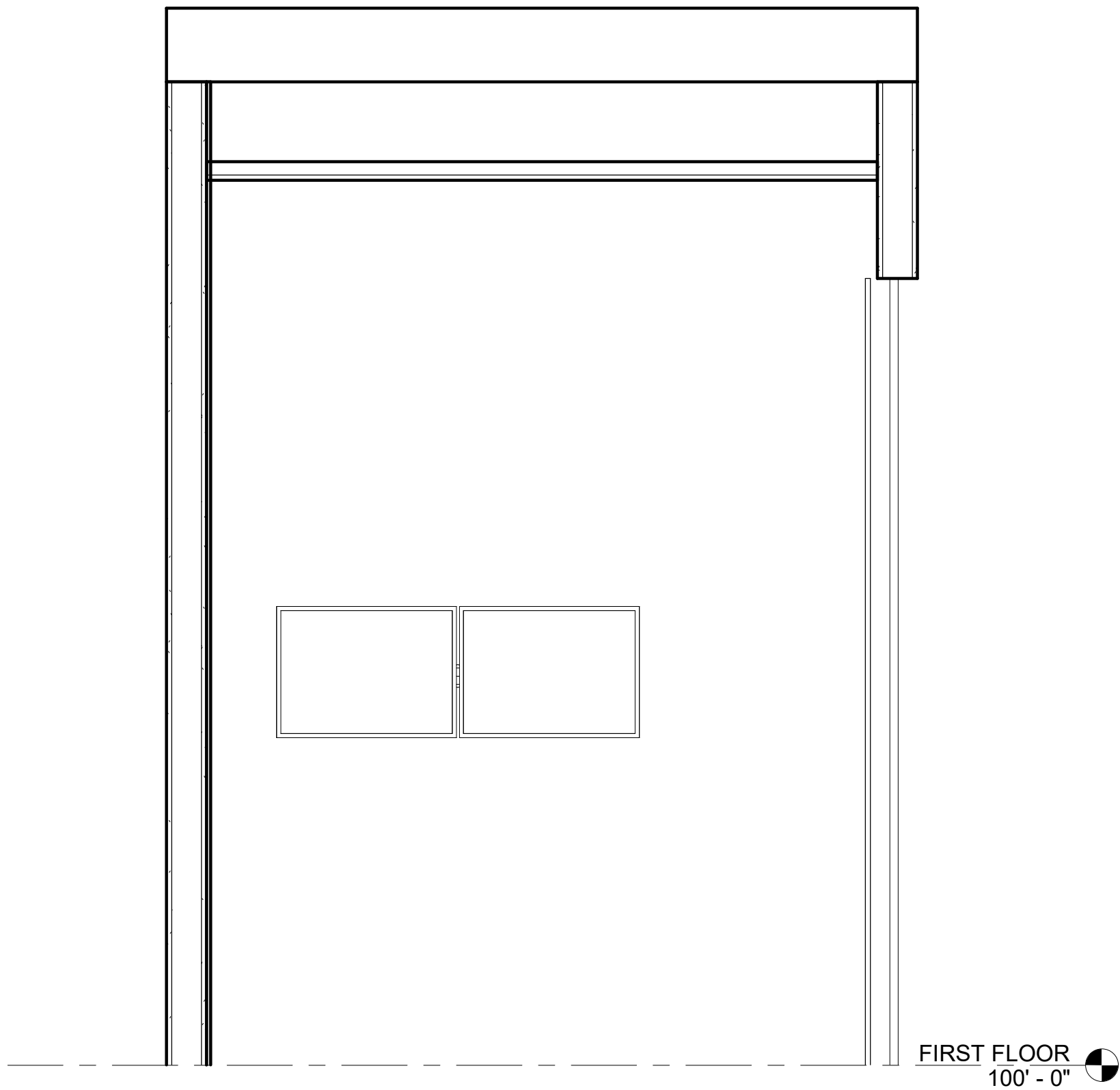
**WALL SECTIONS  
AND DETAILS**

SHEET

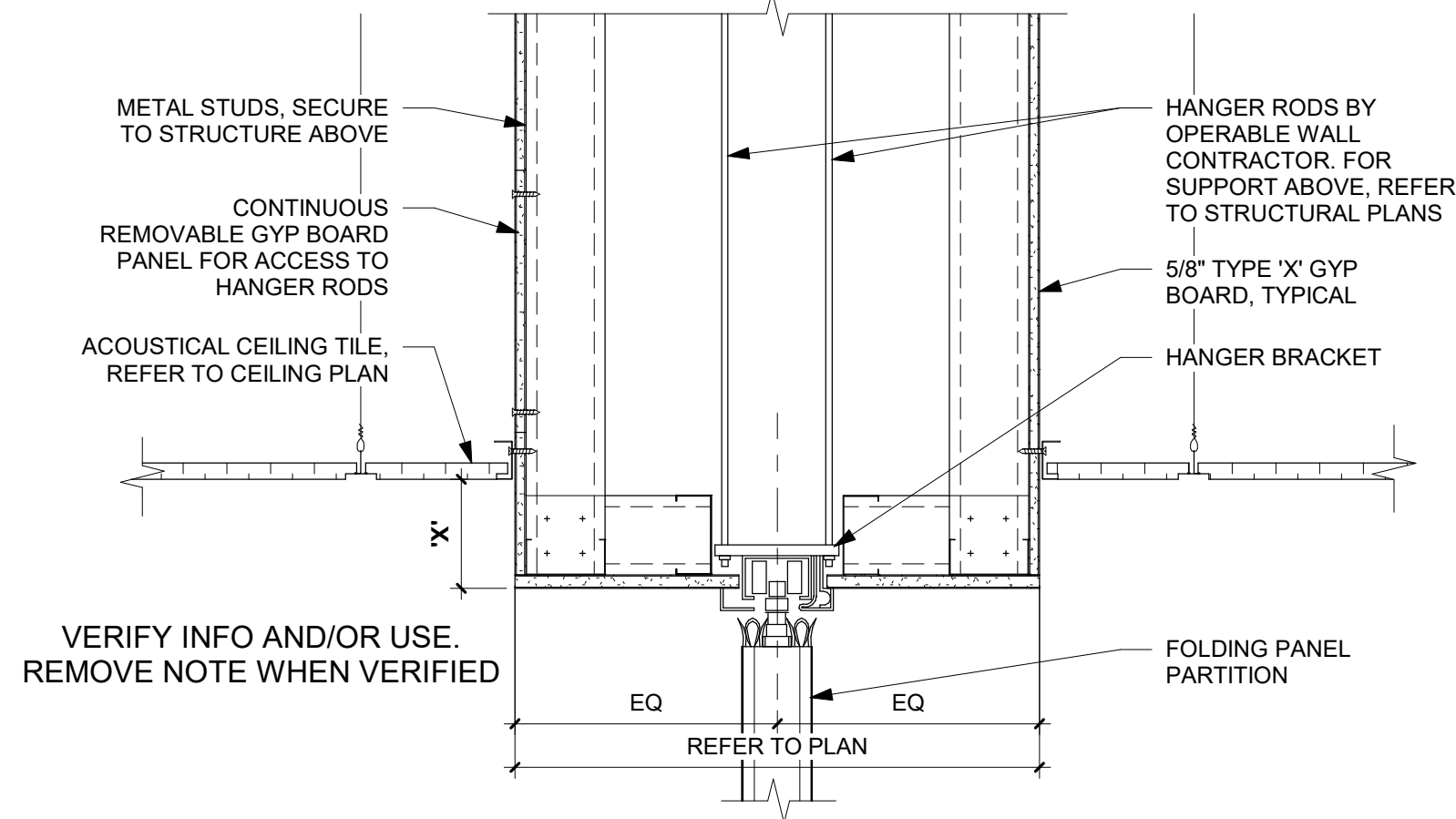
**A3-23**



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

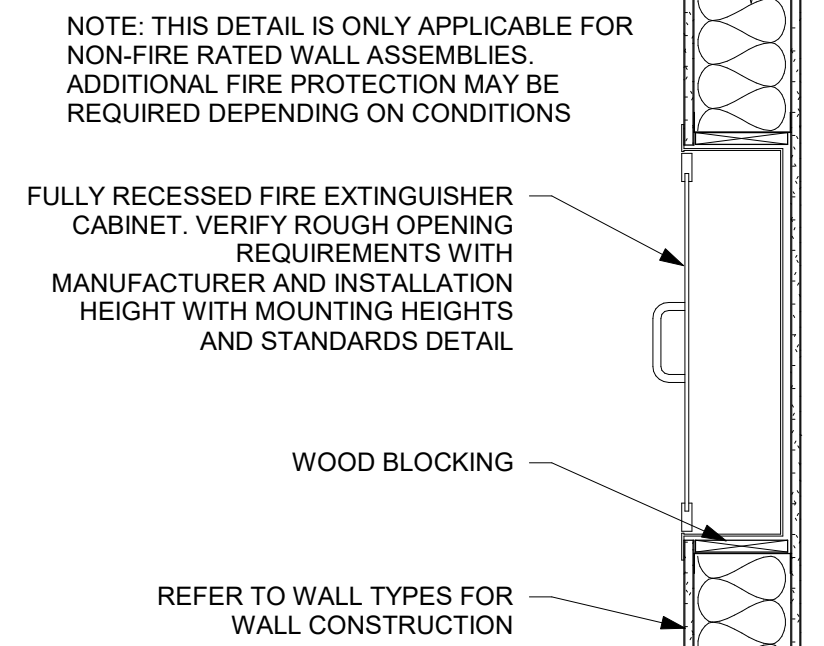


**2 HARD LID SECTION AT HUDDLE**  
3/4" = 1'-0"

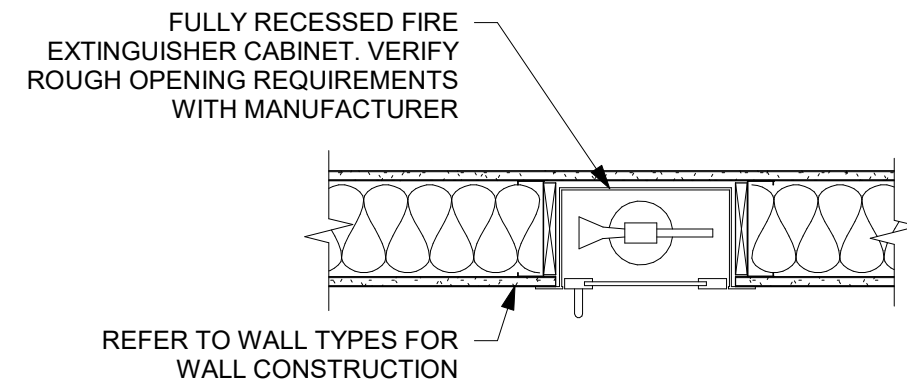


1 FOLDING PANEL PARTITION HEAD  
1 1/2" = 1'-0"

VERIFY DETAIL INFO AND/OR USE WITH APPROPRIATE DISCIPLINE LEAD. REMOVE NOTE FROM THIS DETAIL WHEN VERIFIED

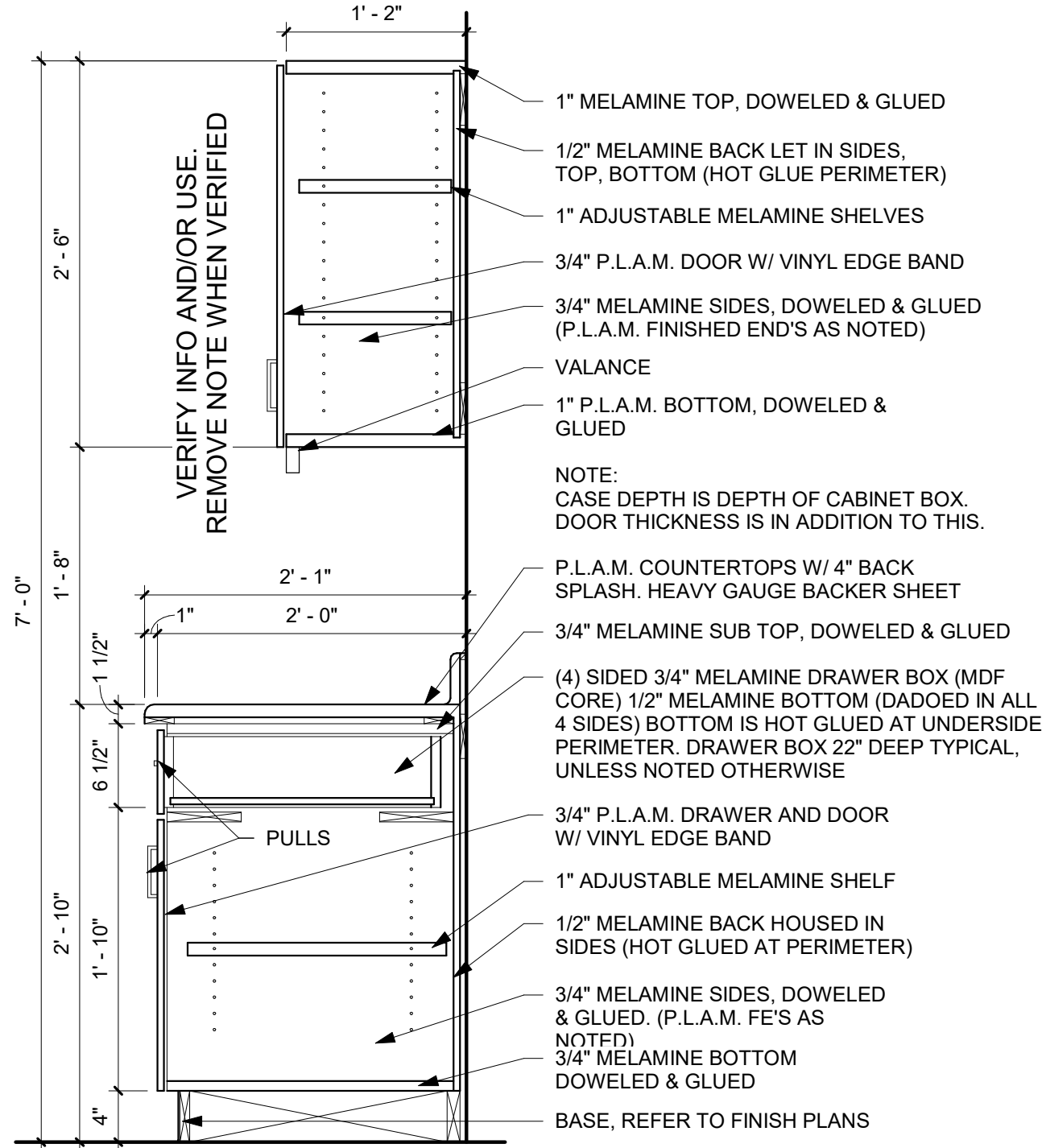


SECTION VIEW

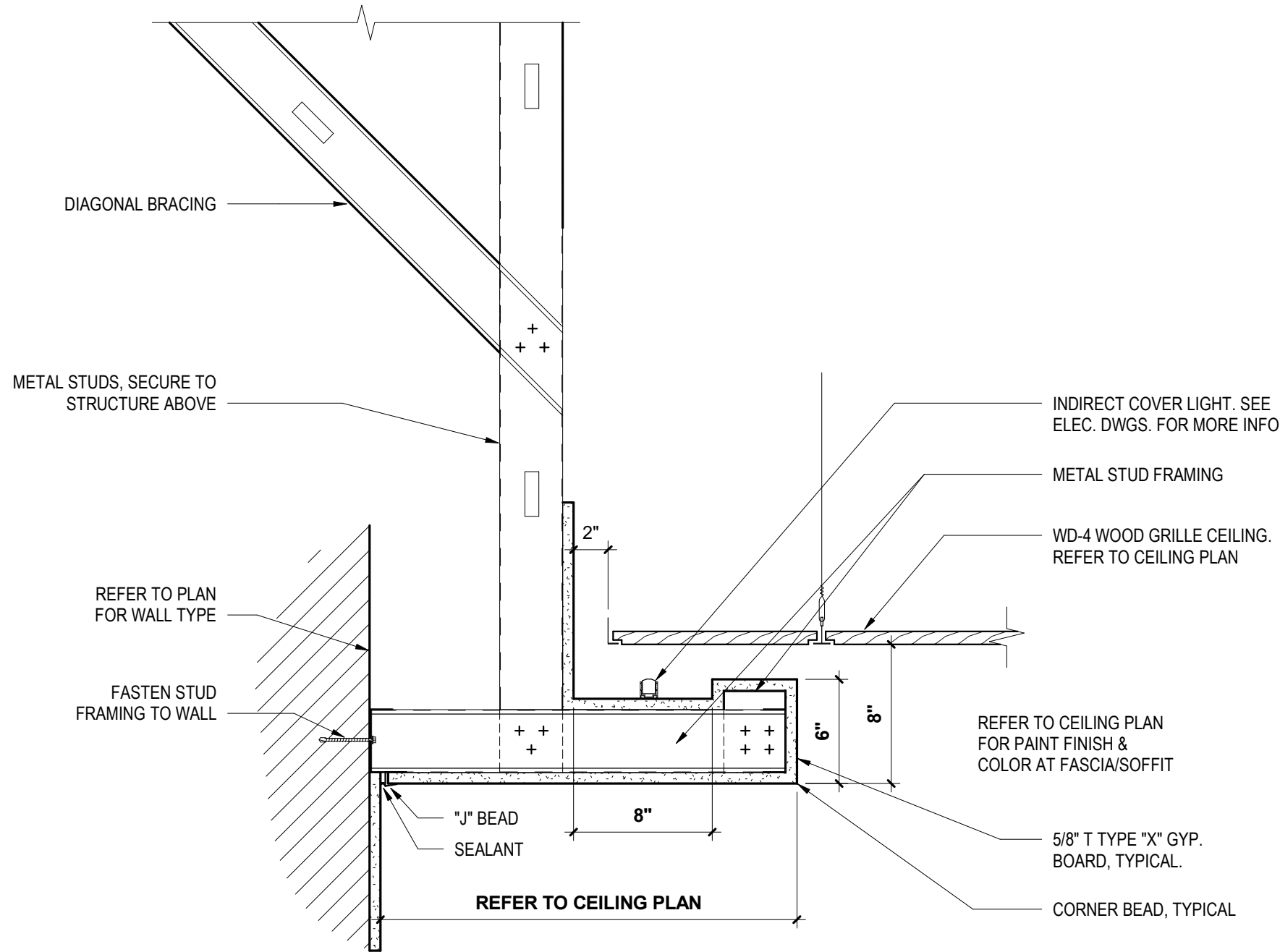


PLAN VIEW

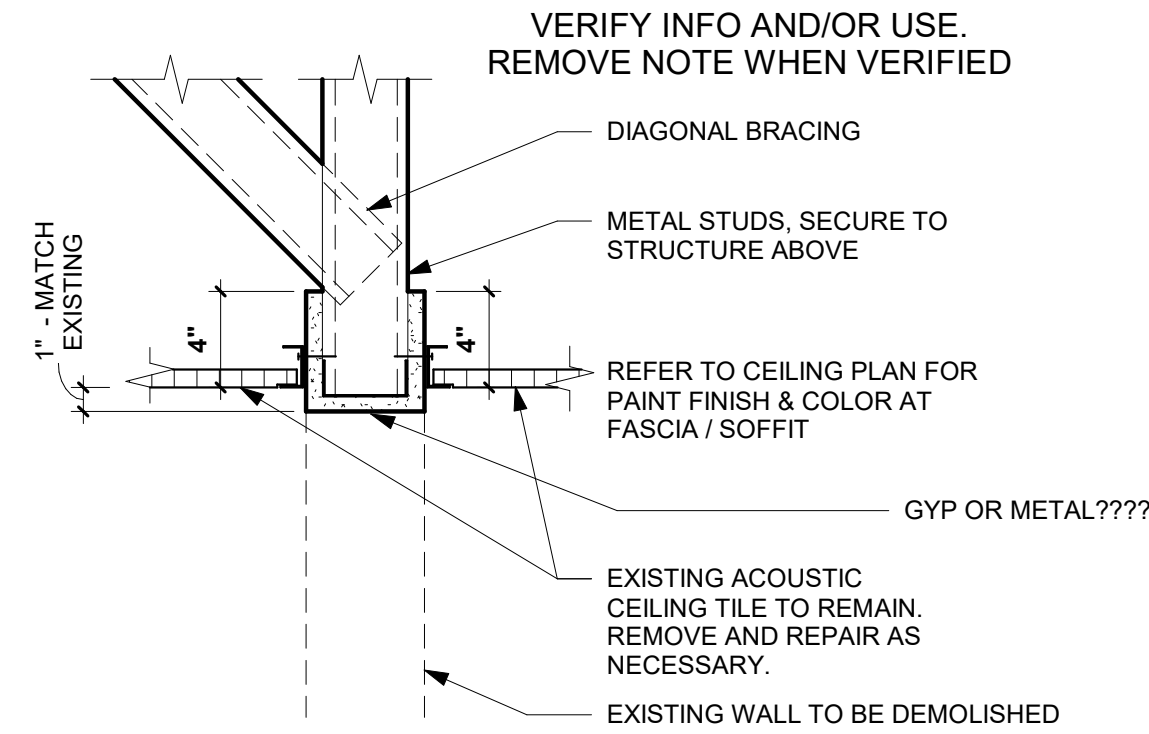
4 FIRE EXTINGUISHER - FULLY RECESSE  
1" = 1'-0"



2 BASE AND UPPER CABINET  
1" = 1'-0"

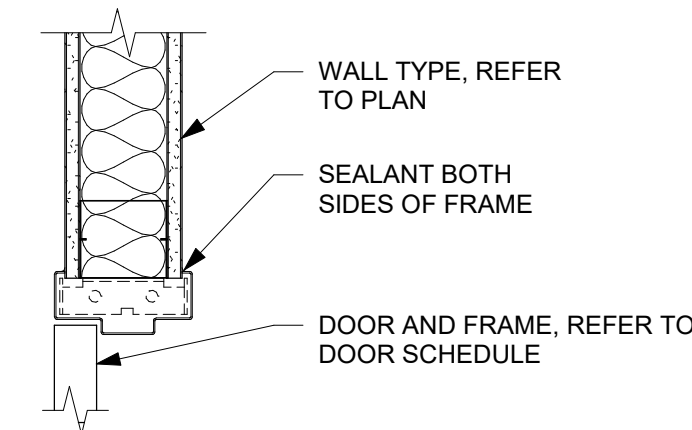


7 COVE LIGHTING DETAIL  
1 1/2" = 1'-0"

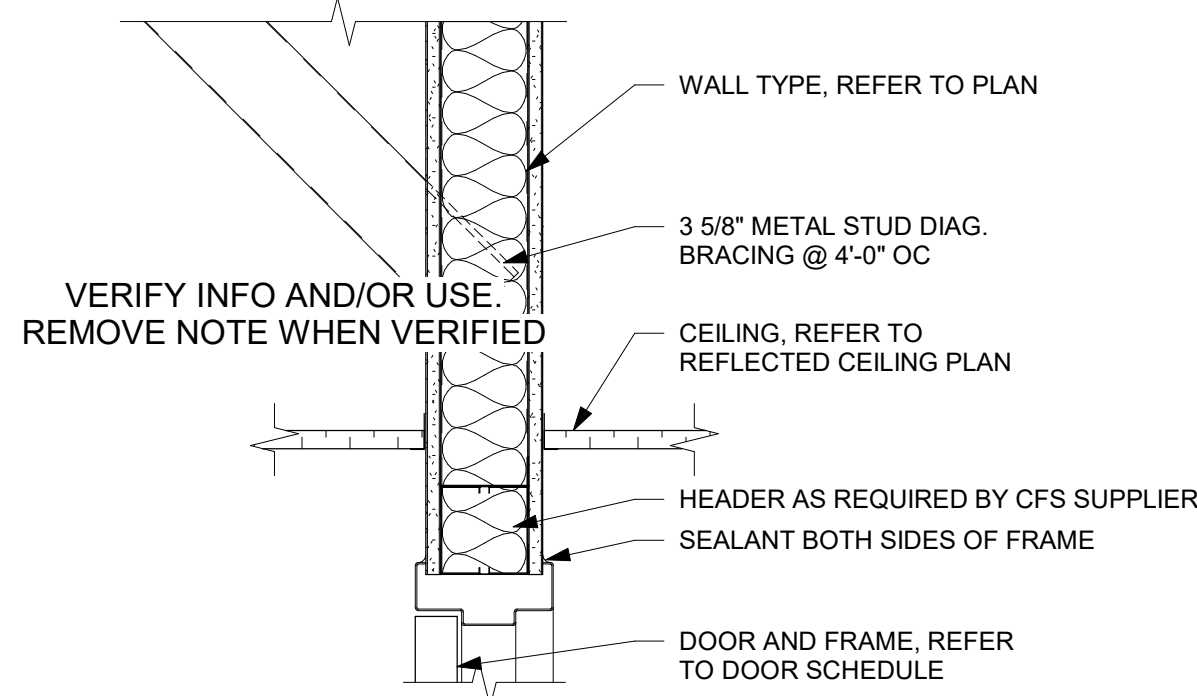


3 AREA DIVIDER  
1 1/2" = 1'-0"

VERIFY INFO AND/OR USE. REMOVE NOTE WHEN VERIFIED



5 HM DOOR JAMB AT METAL STUDS  
1 1/2" = 1'-0"



6 HM DOOR HEAD AT METAL STUDS  
1 1/2" = 1'-0"



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PROJECT

## ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

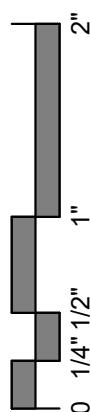
PROJECT NO.	25-32986
FILE NAME	32986 Arch R24
DRAWN BY	Author
DESIGNED BY	Designer
REVIEWED BY	Checker
ORIGINAL ISSUE DATE	MM/DD/YY
CLIENT PROJECT NO.	

TITLE

## DETAILS

SHEET

A3-24



GLAZING SCHEDULE			
MARK	MATERIAL	THICKNESS	COMMENTS
INSULATED			
NON-INSULATED			
G-1	GLAZING UNIT	1/4"	
G-2	GLAZING UNIT, TEMPERED	1/4"	
OTHER			

VERIFY INFO AND/OR USE.  
REMOVE NOTE WHEN VERIFIED

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		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.	

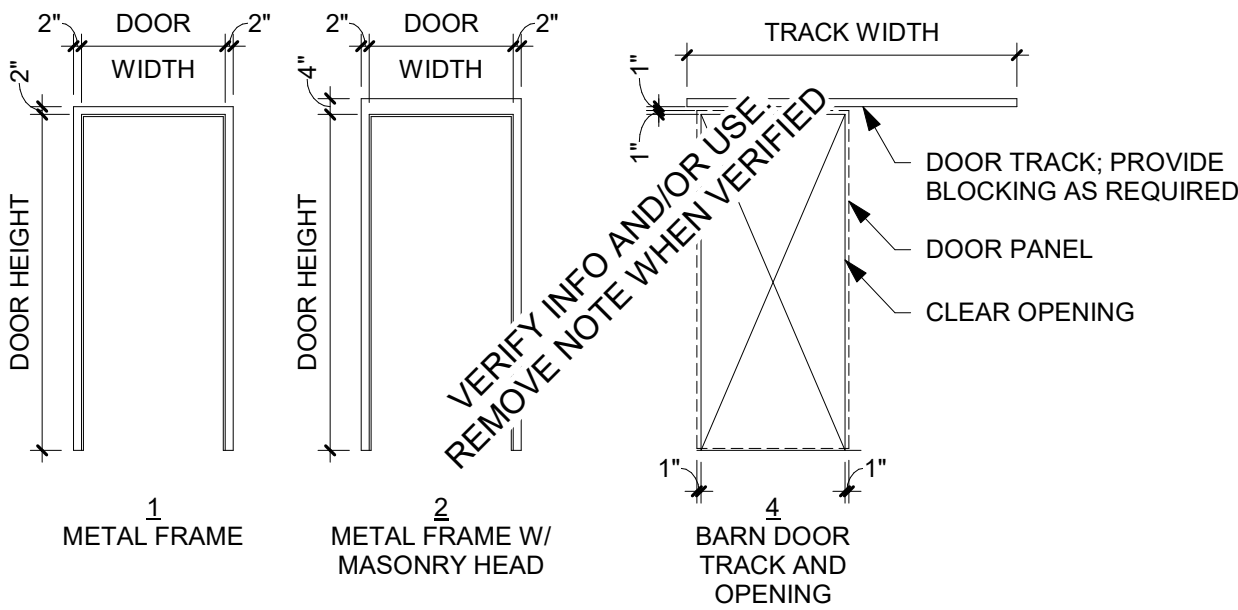
TITLE

DOOR SCHEDULE,  
DOOR AND FRAME  
TYPES

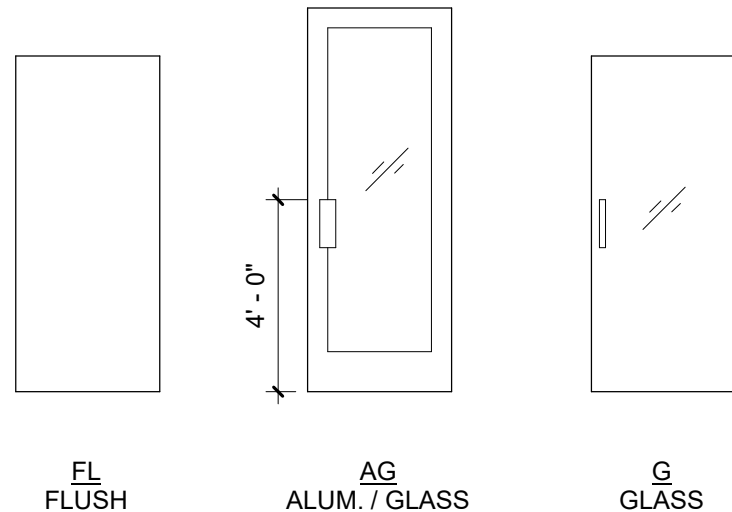
SHEET

A4-11

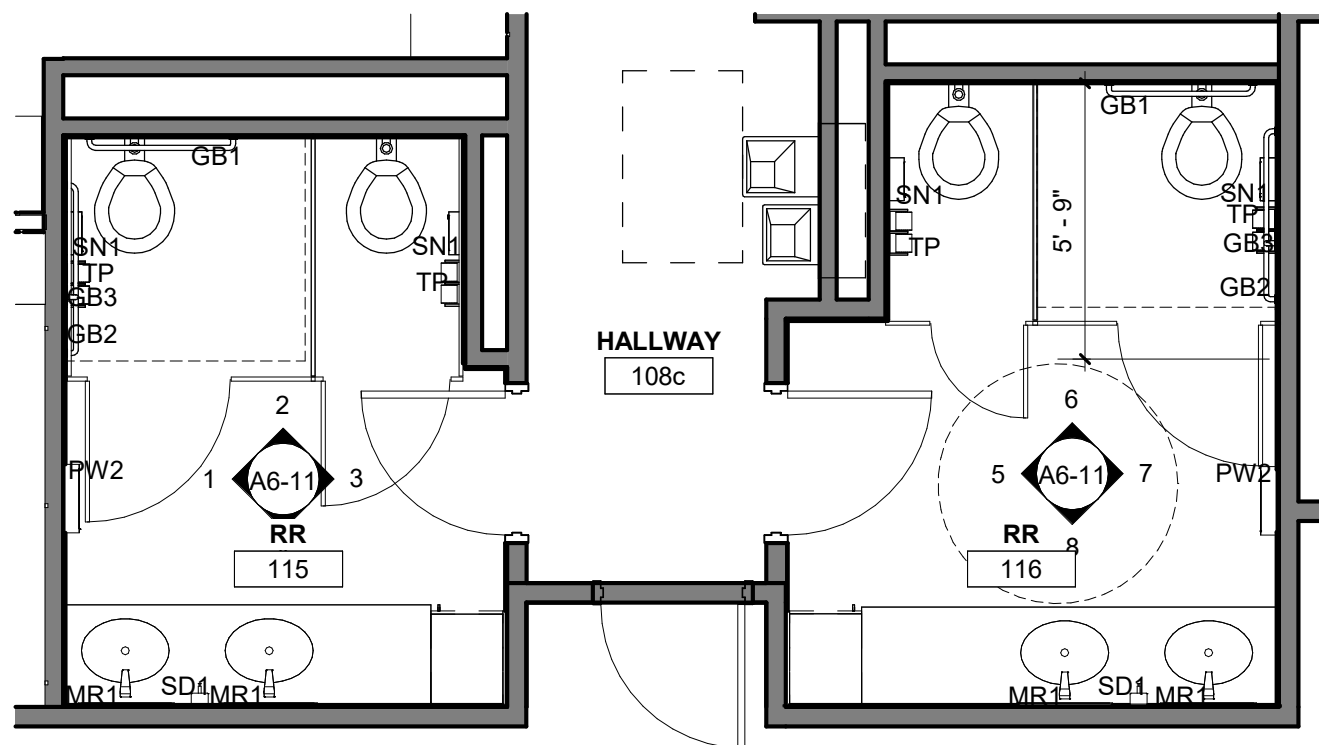
FRAME TYPES



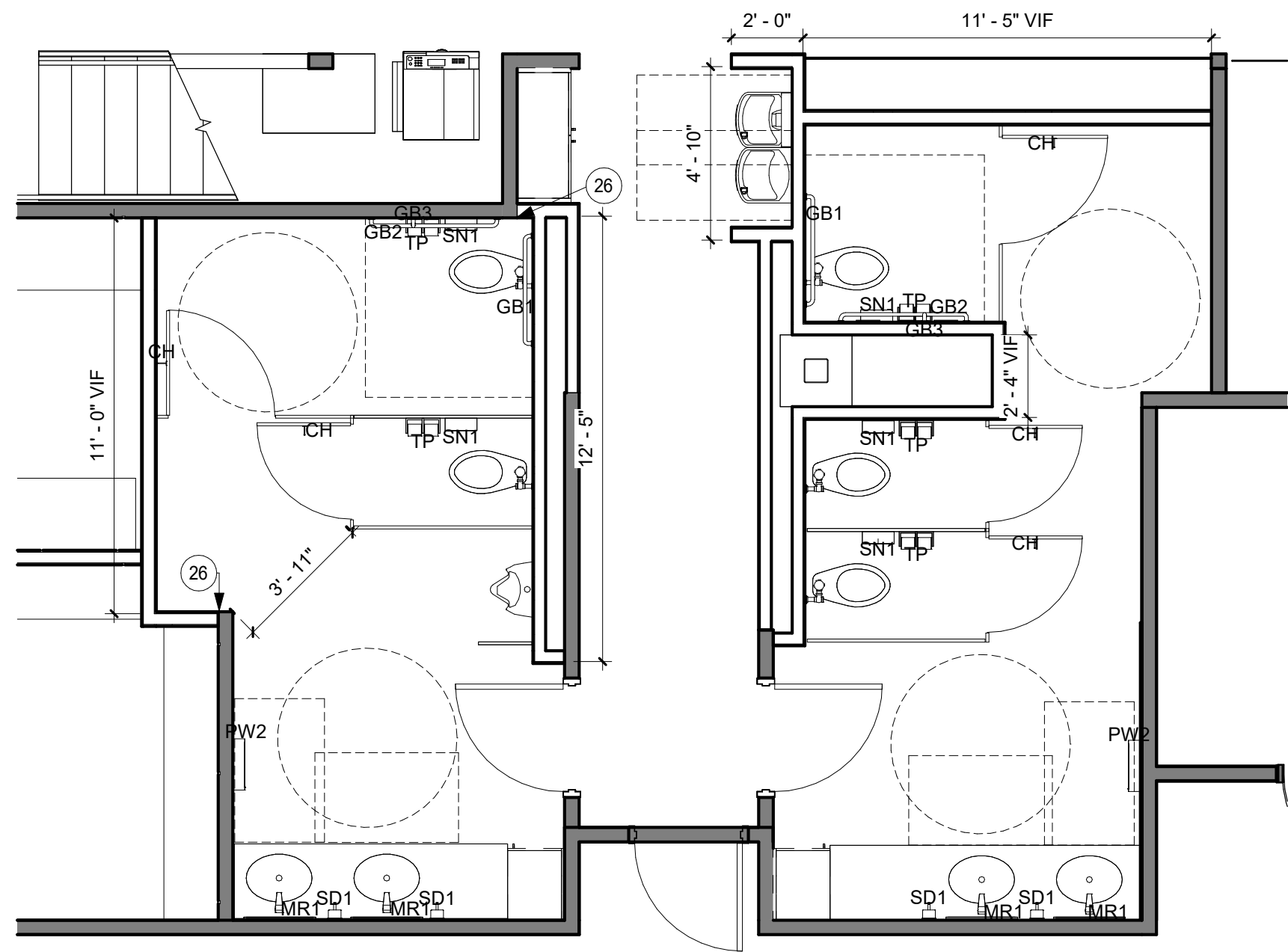
DOOR TYPES



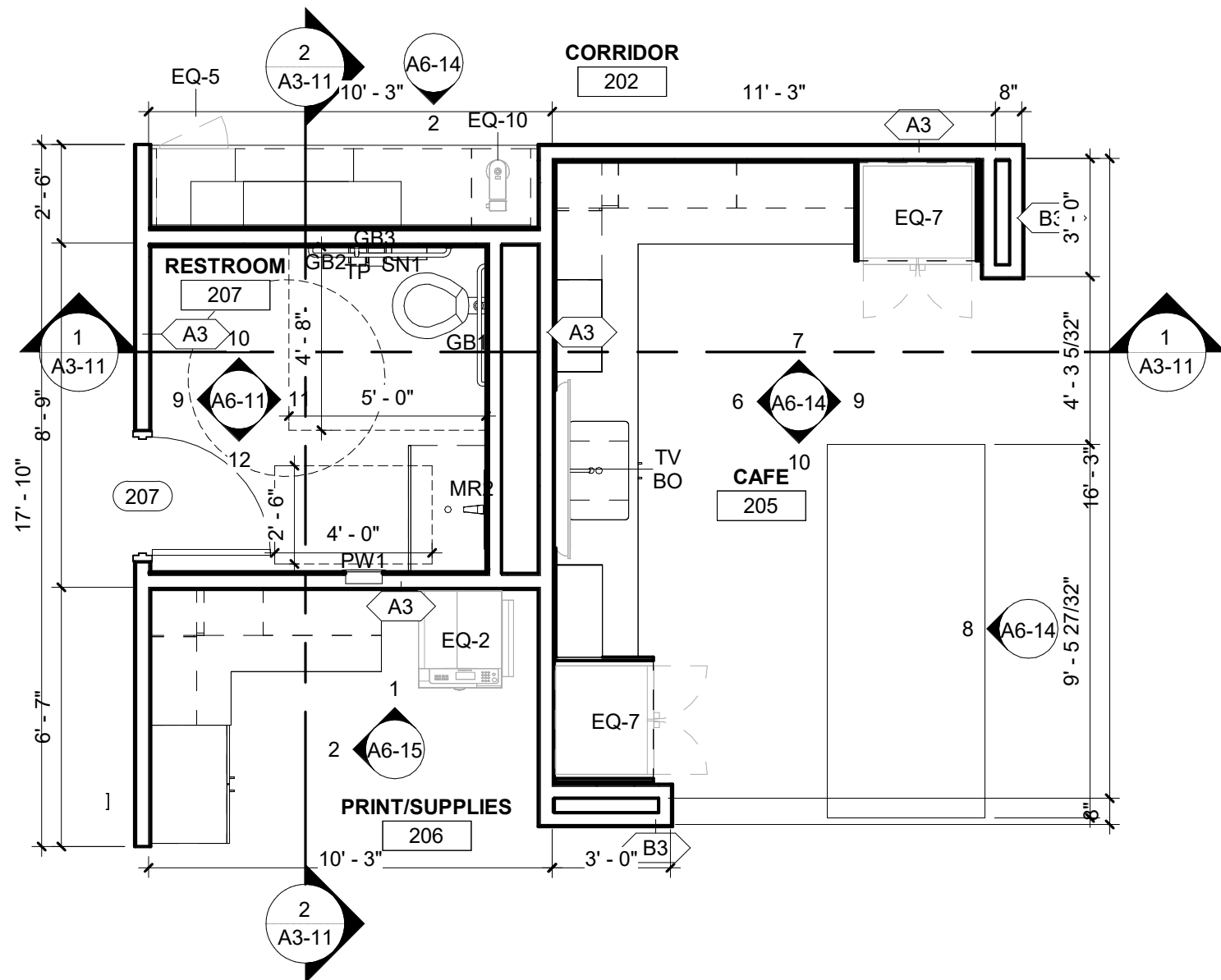




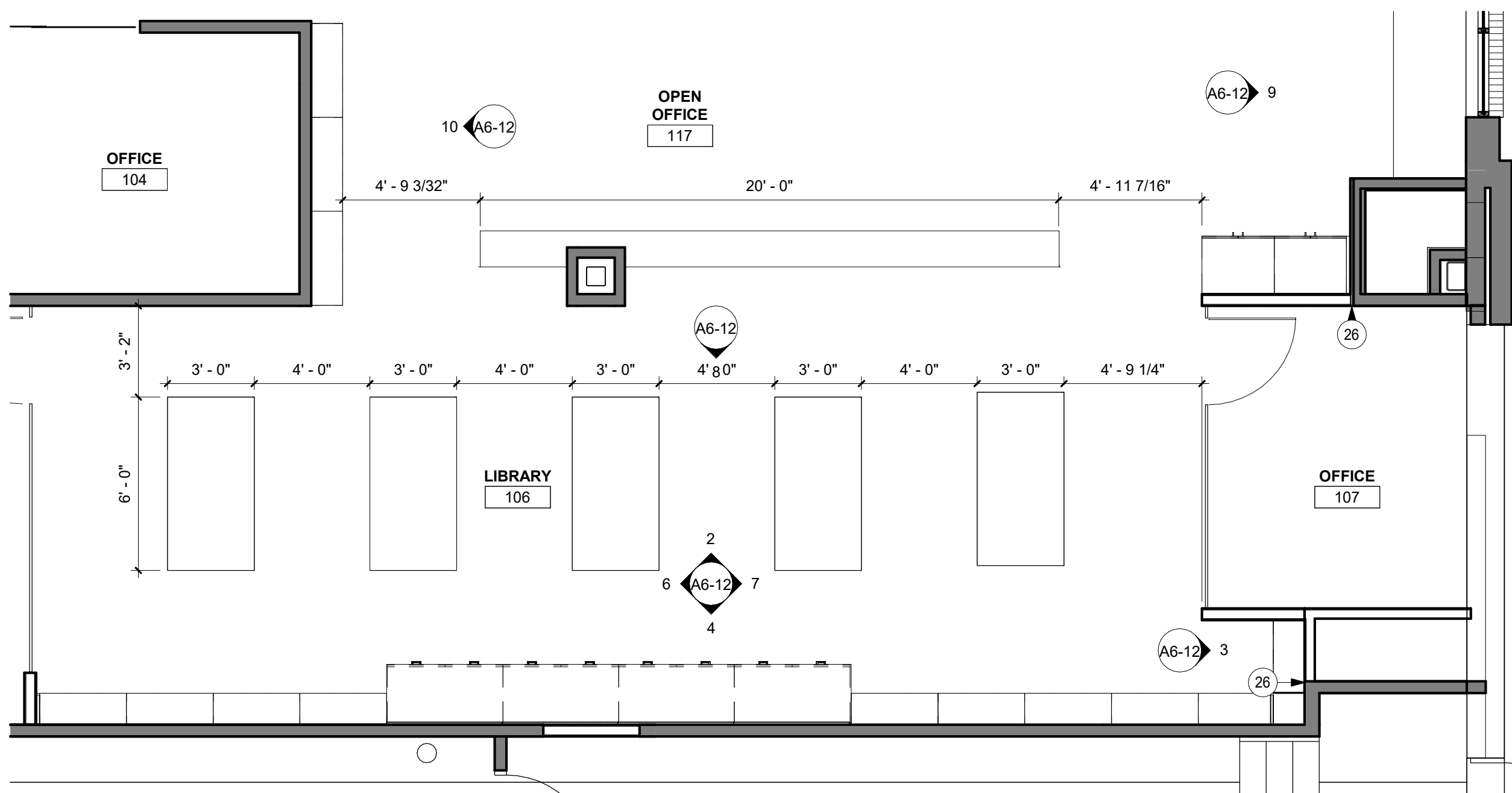
1 ENLARGED FIRST FLOOR RESTROOM - OPTION 1  
1/4" = 1'-0"



2 ENLARGED FIRST FLOOR RESTROOM - OPTION 2  
1/4" = 1'-0"



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



4 ENLARGED PLAN - 106 LIBRARY  
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	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

### 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

### 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, STRINGERS, HANDRAILS, GUARDRAILS, EXPOSED LINTELS 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, TV'S, 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 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.

### KEYNOTE LEGEND

26 | ALIGN FACE OF GYP WITH EXISTING WALL

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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.	

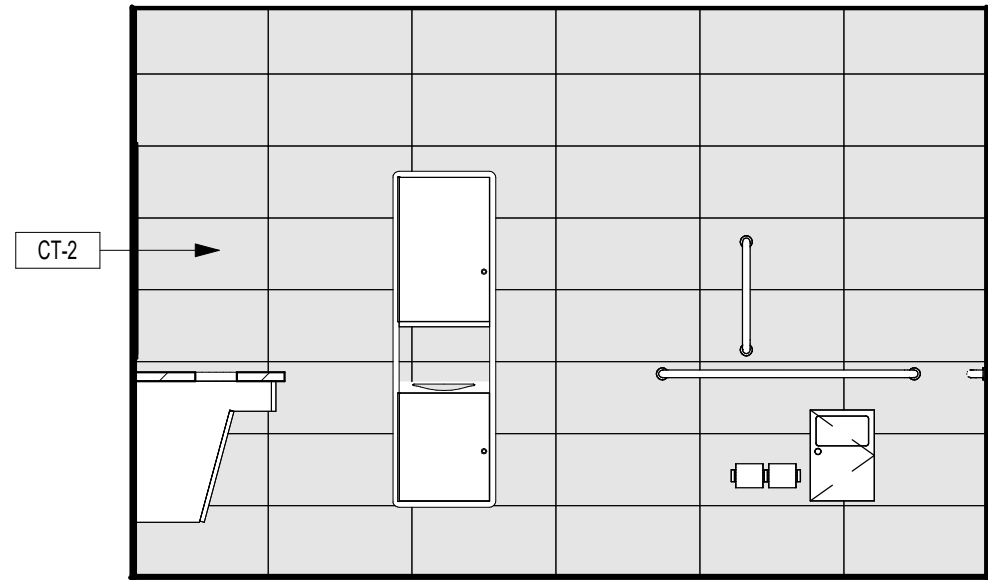
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## ENLARGED FLOOR PLANS

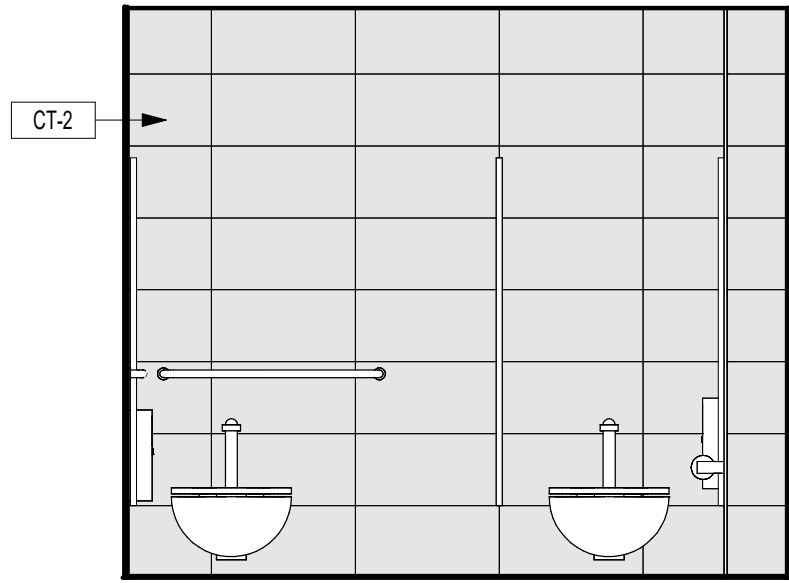
SHEET

A5-11

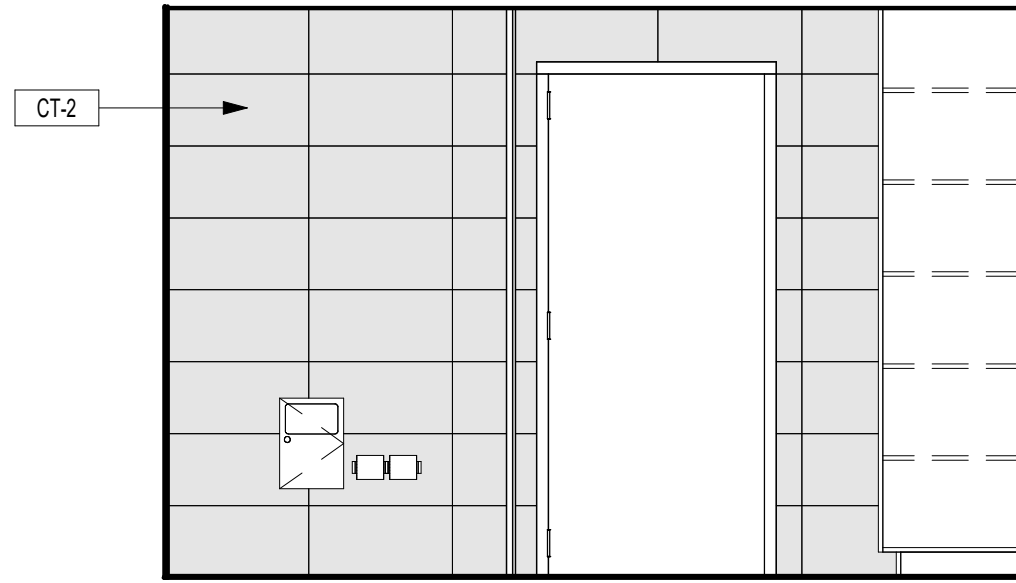
PRELIMINARY NOT FOR CONSTRUCTION



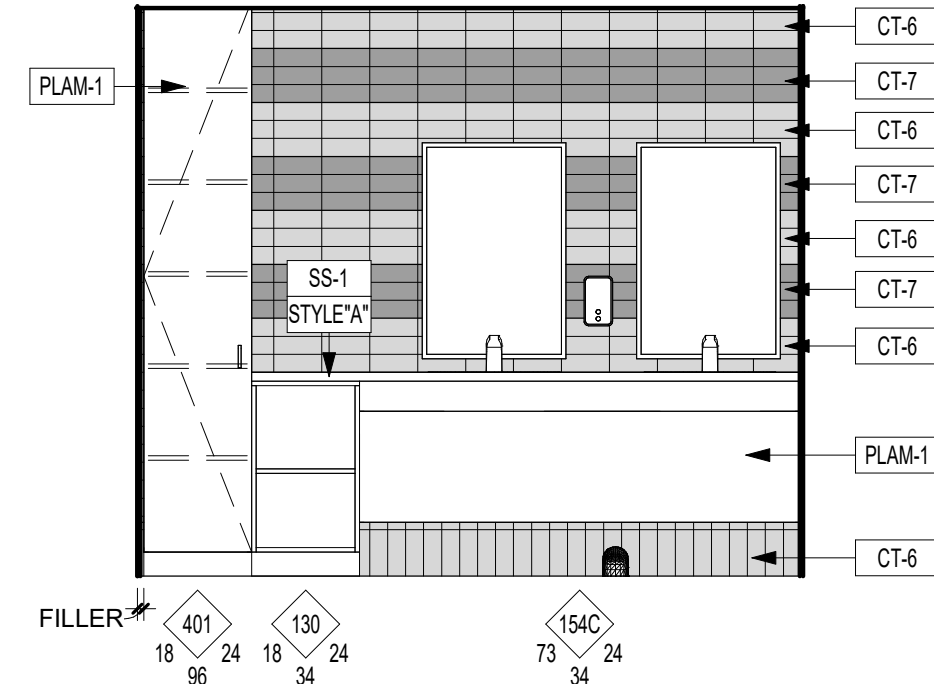
1 115 MENS - NORTH  
3/8" = 1'-0"



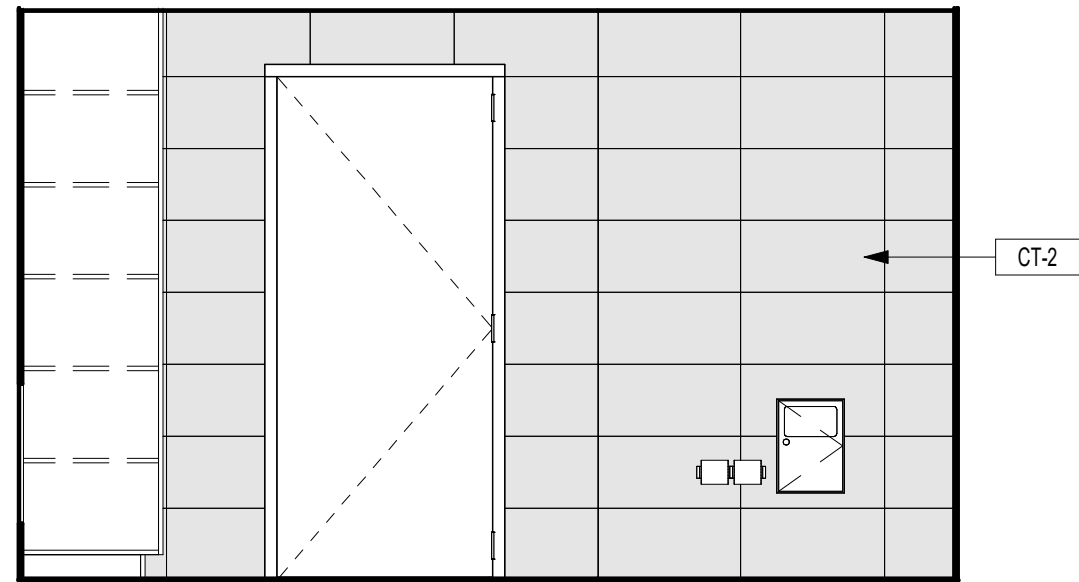
2 115 MENS - EAST  
3/8" = 1'-0"



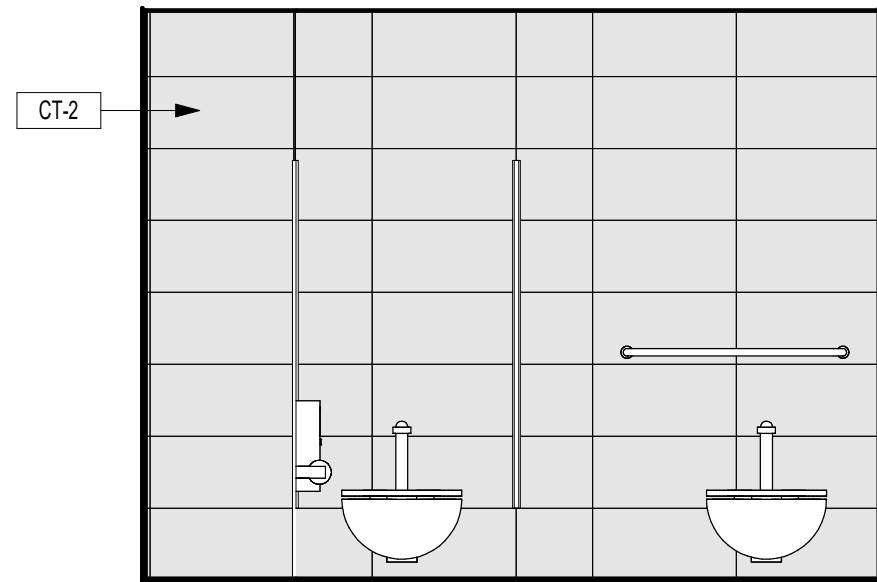
3 115 MENS - SOUTH  
3/8" = 1'-0"



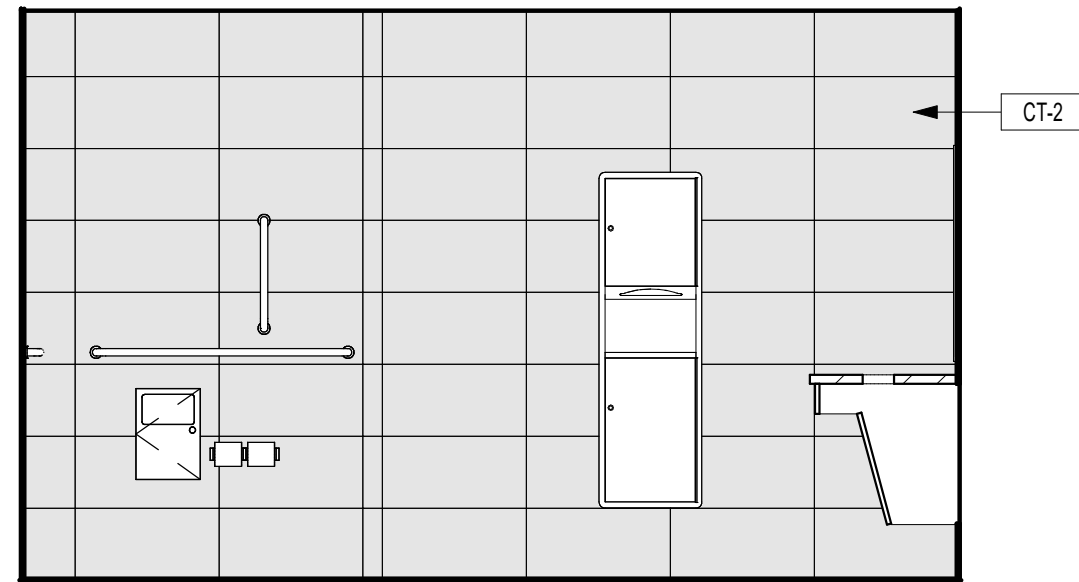
4 115 MENS - WEST  
3/8" = 1'-0"



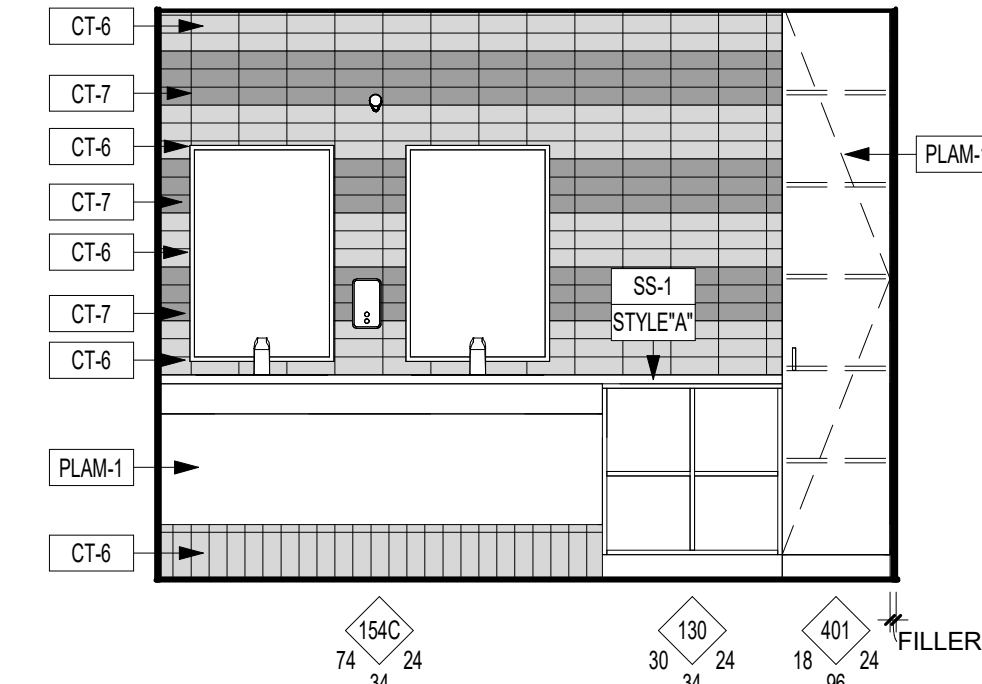
5 116 WOMENS - NORTH  
3/8" = 1'-0"



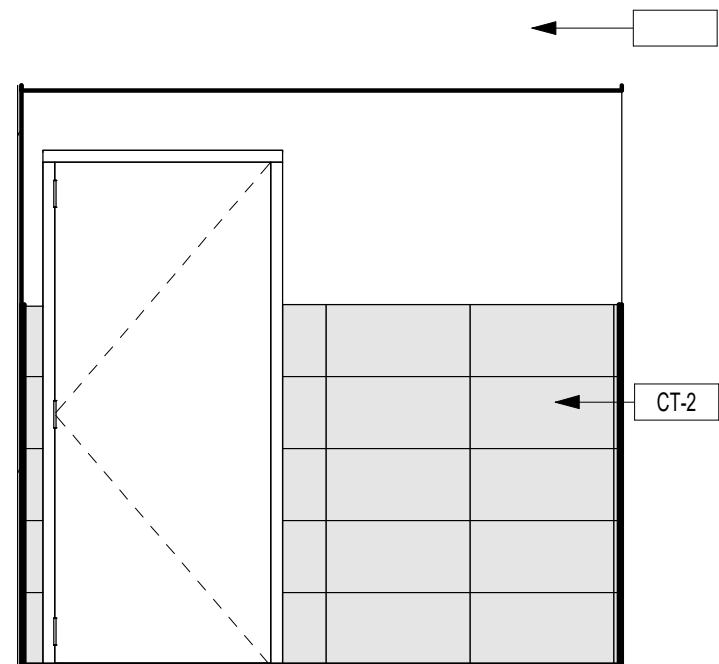
6 116 WOMENS - EAST  
3/8" = 1'-0"



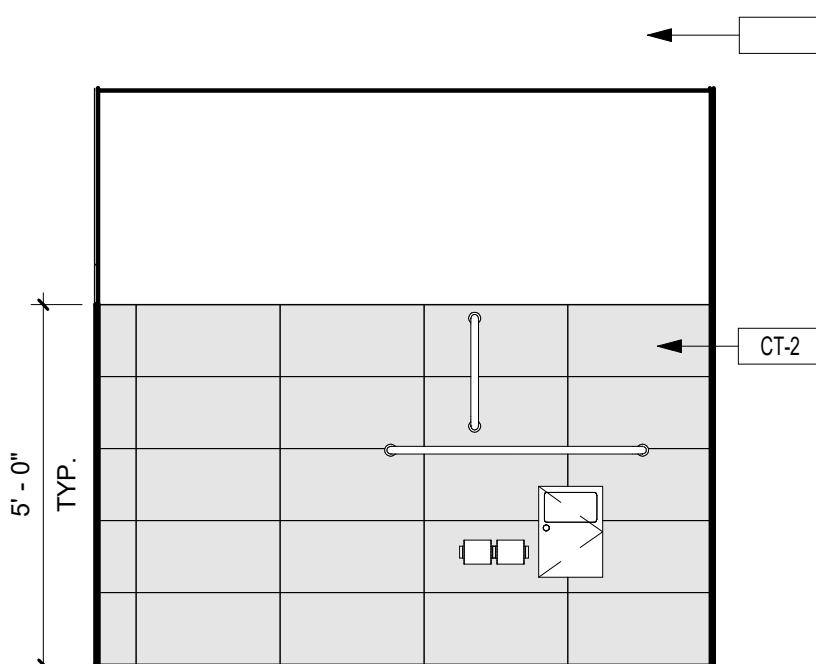
7 116 WOMENS - SOUTH  
3/8" = 1'-0"



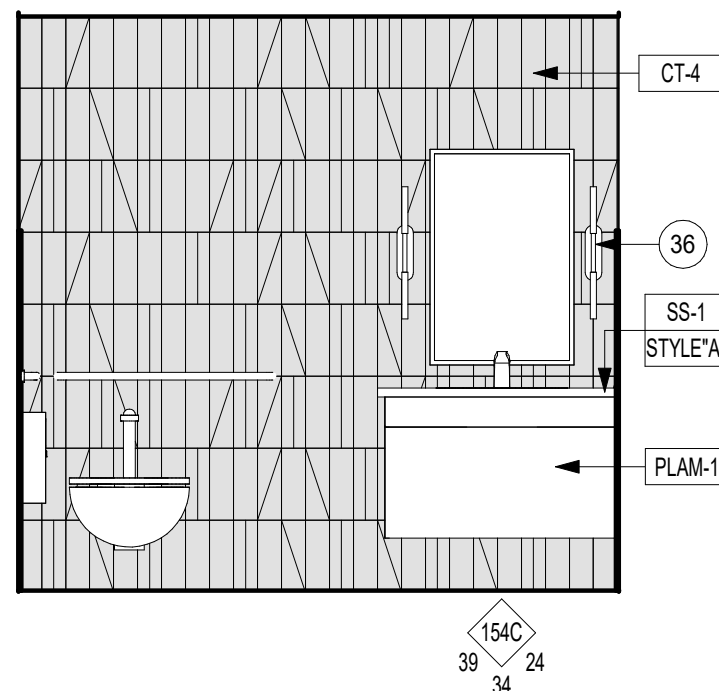
8 116 WOMENS - WEST  
3/8" = 1'-0"



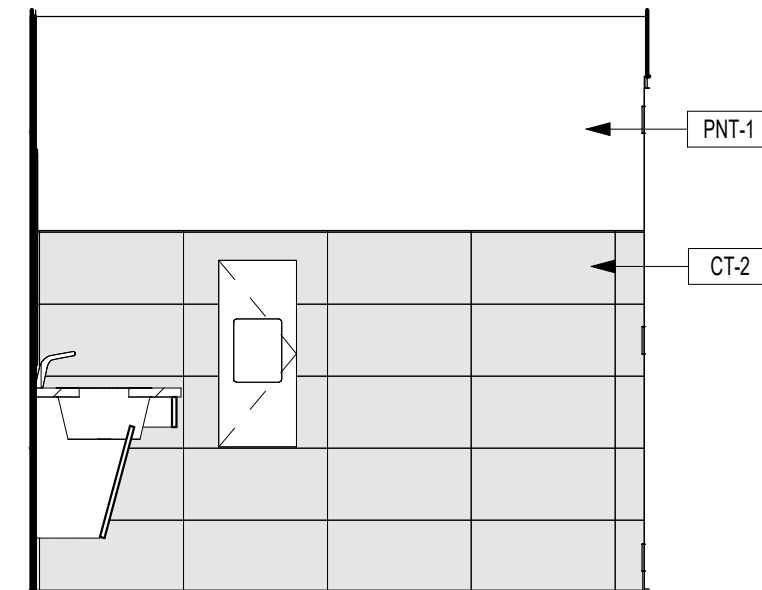
9 207 RESTROOM - NORTH  
3/8" = 1'-0"



10 207 RESTROOM - EAST  
3/8" = 1'-0"



11 207 RESTROOM - SOUTH  
3/8" = 1'-0"



12 207 RESTROOM - WEST  
3/8" = 1'-0"



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PROJECT

## ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

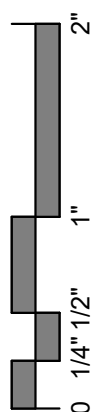
PROJECT NO.	25-32986
FILE NAME	32986 Arch R24
DRAWN BY	CRR
DESIGNED BY	CRR
REVIEWED BY	AJW
ORIGINAL ISSUE DATE	11/07/2025
CLIENT PROJECT NO.	

TITLE

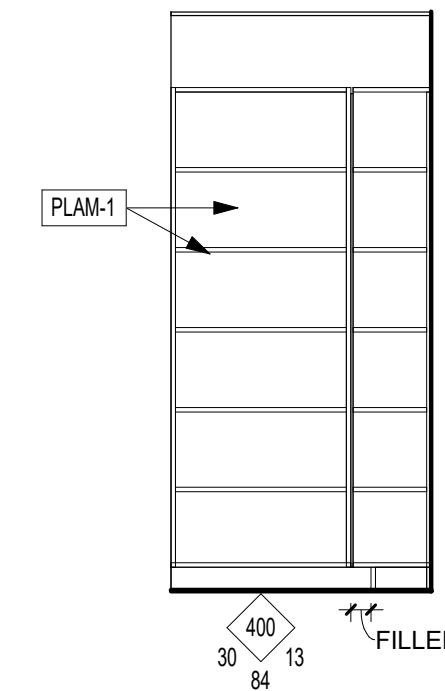
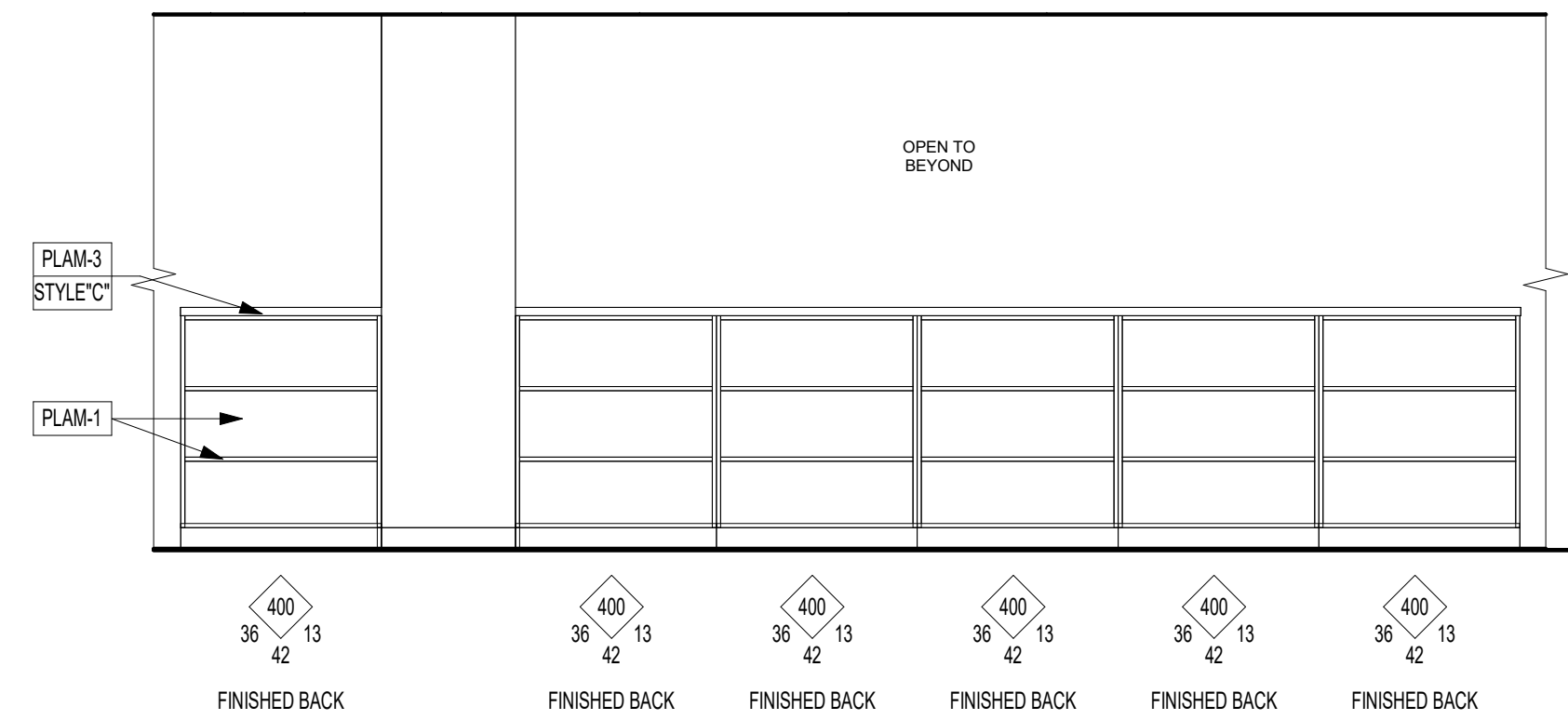
## INTERIOR ELEVATIONS- RESTROOMS

SHEET

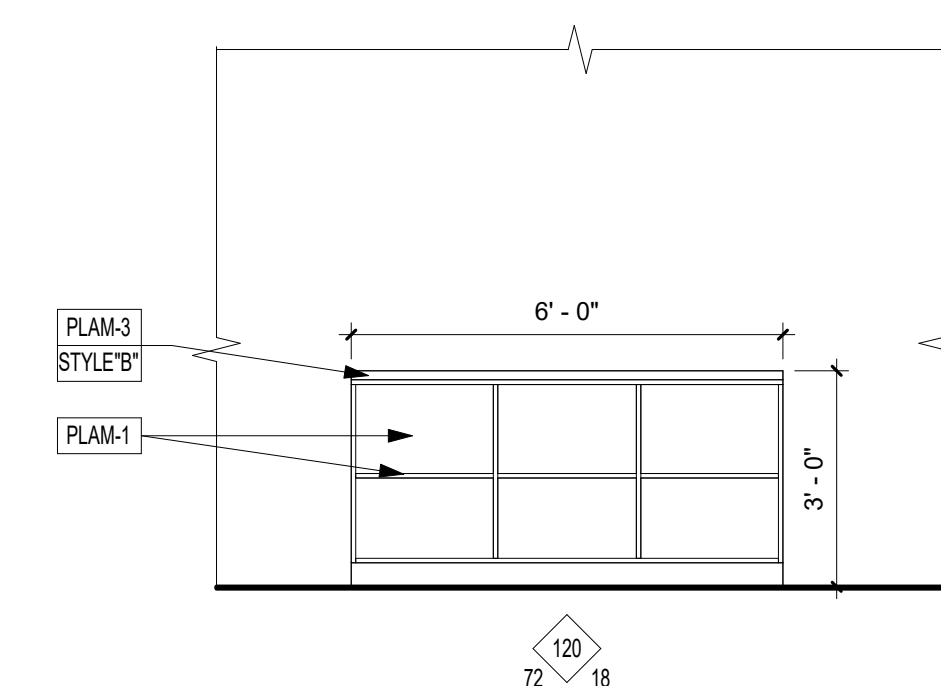
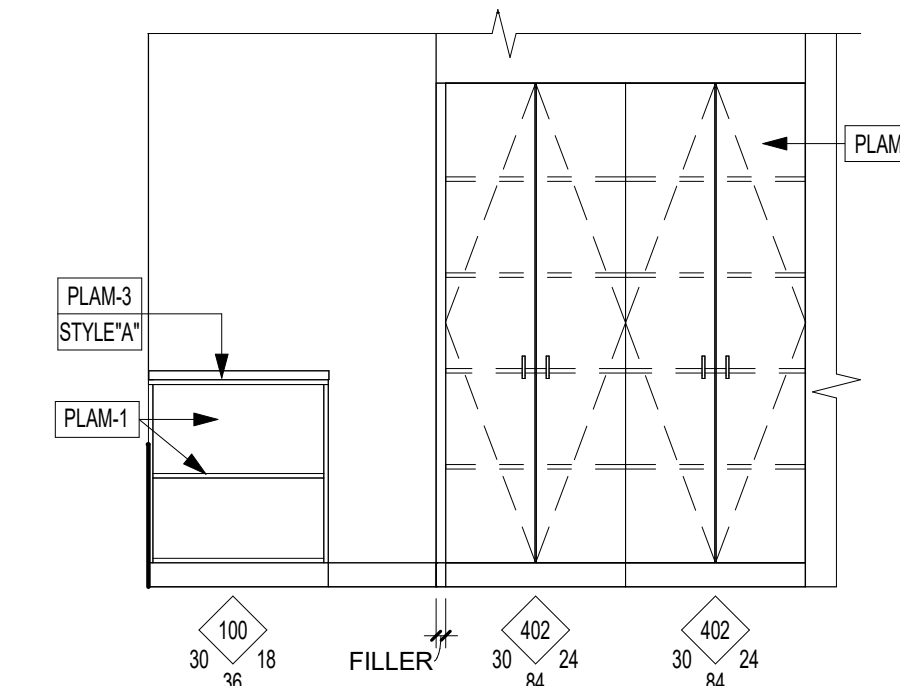
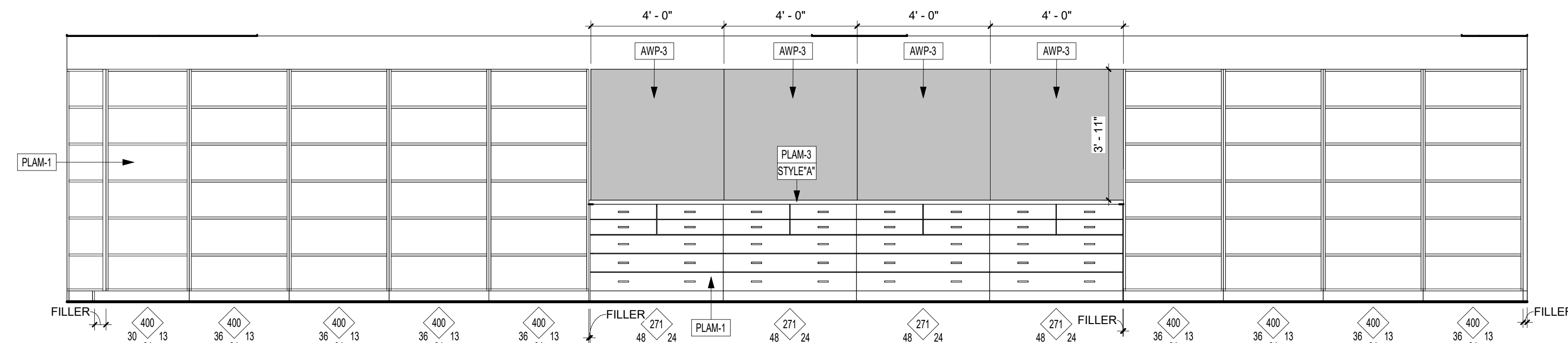
# A6-11



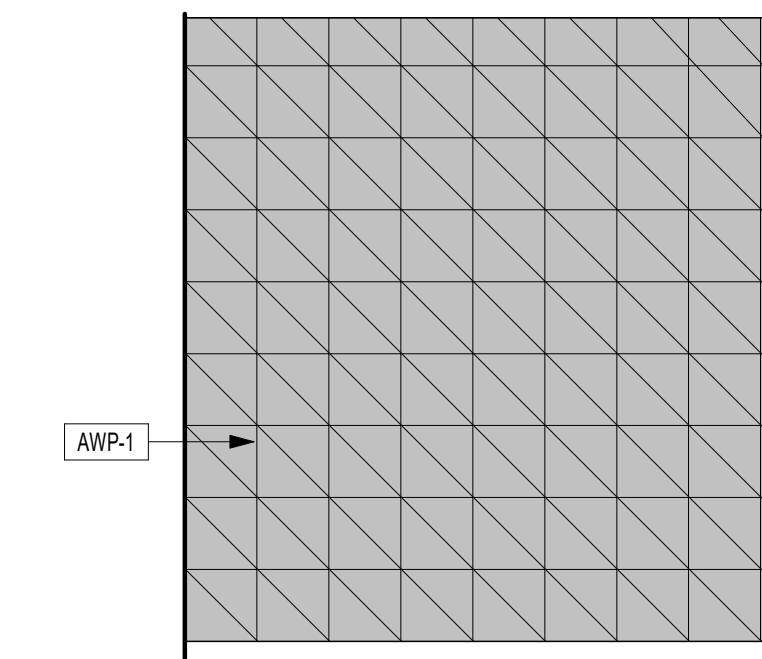
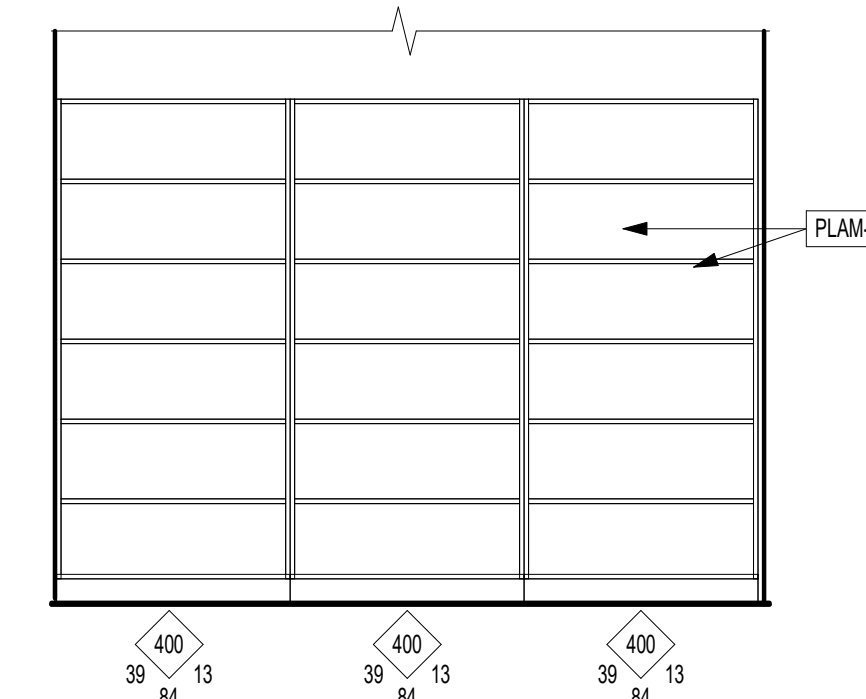
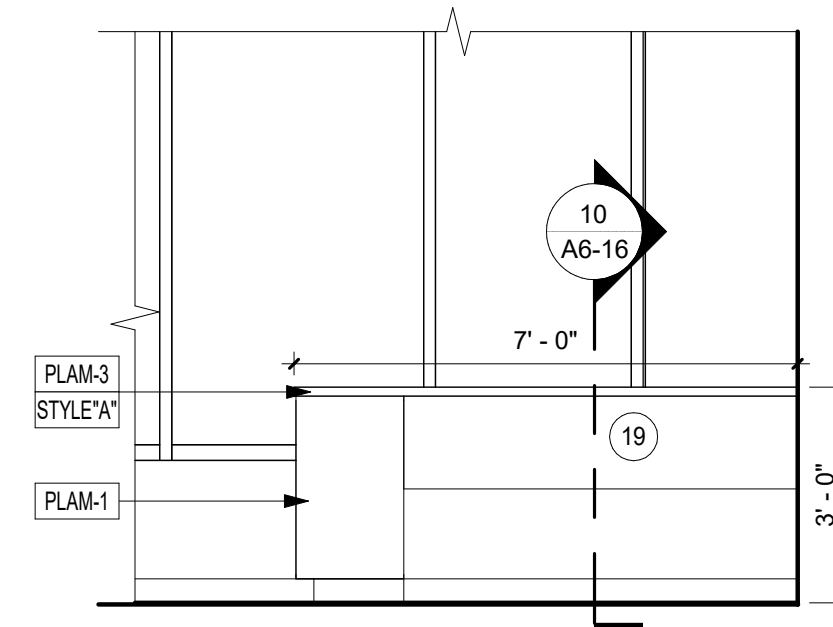
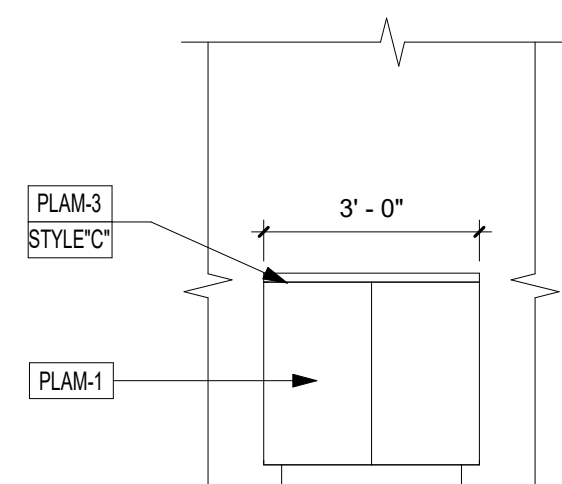
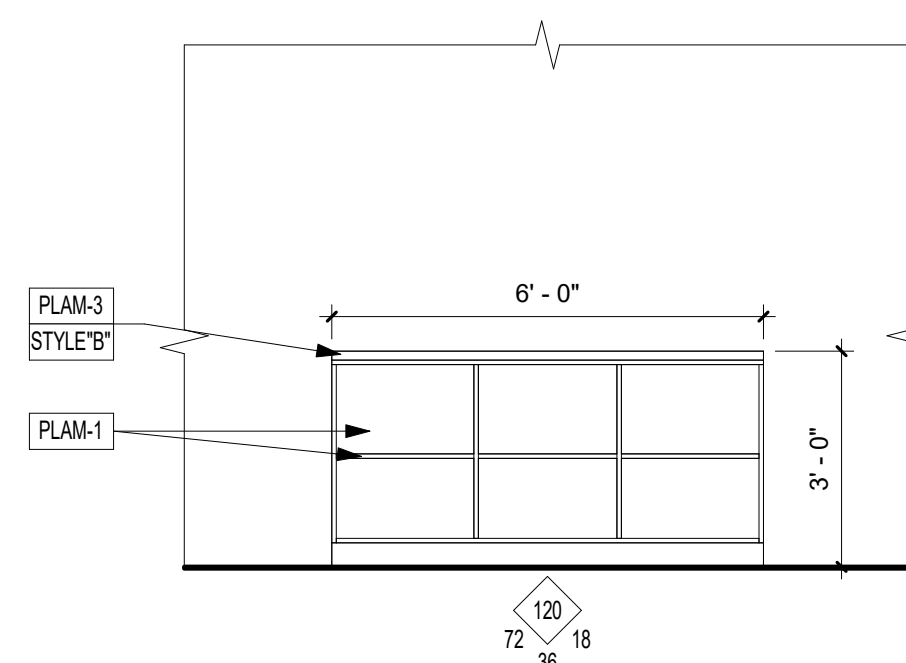
19	CONTINUOUS MODESTY PANEL WITH FINISHED BACK. REFER TO SECTION DETAIL.
----	---



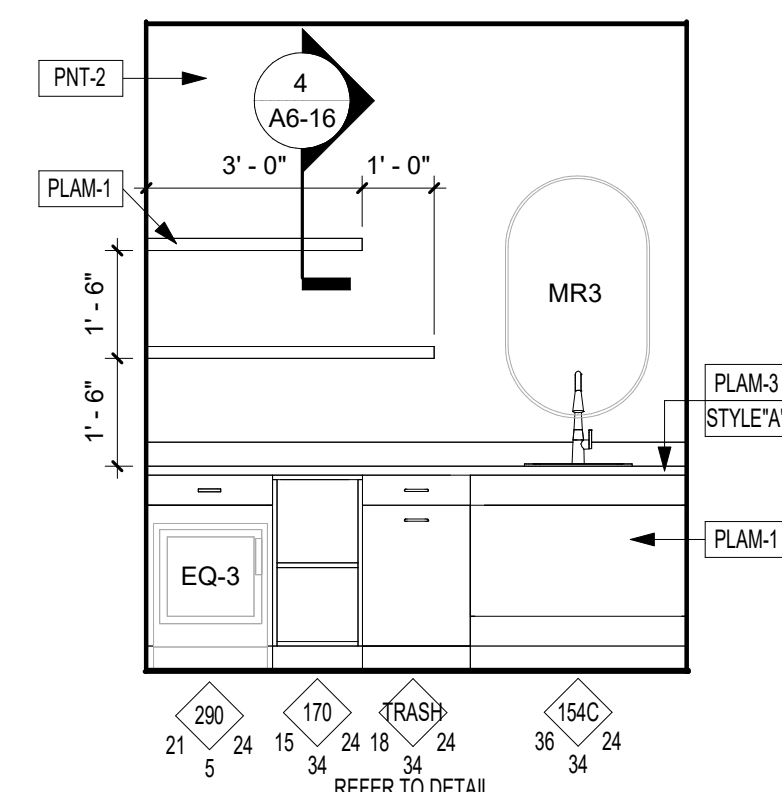
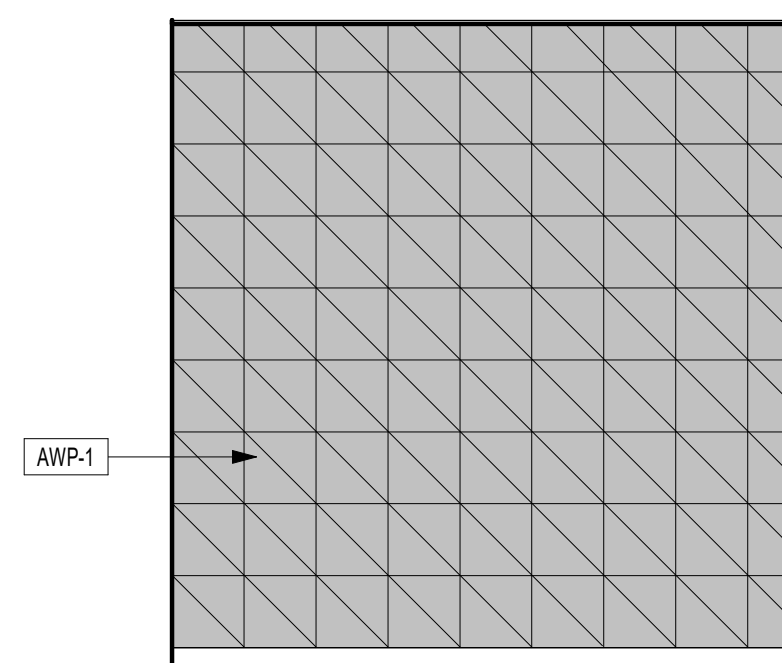
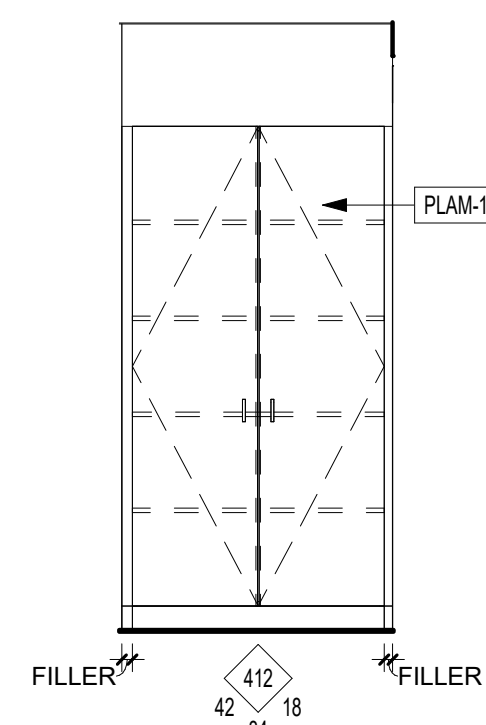
3 106 LIBRARY - SOUTH  
3/8" = 1'-0"



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



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



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

PROJECT

## ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

[illegible]

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.	

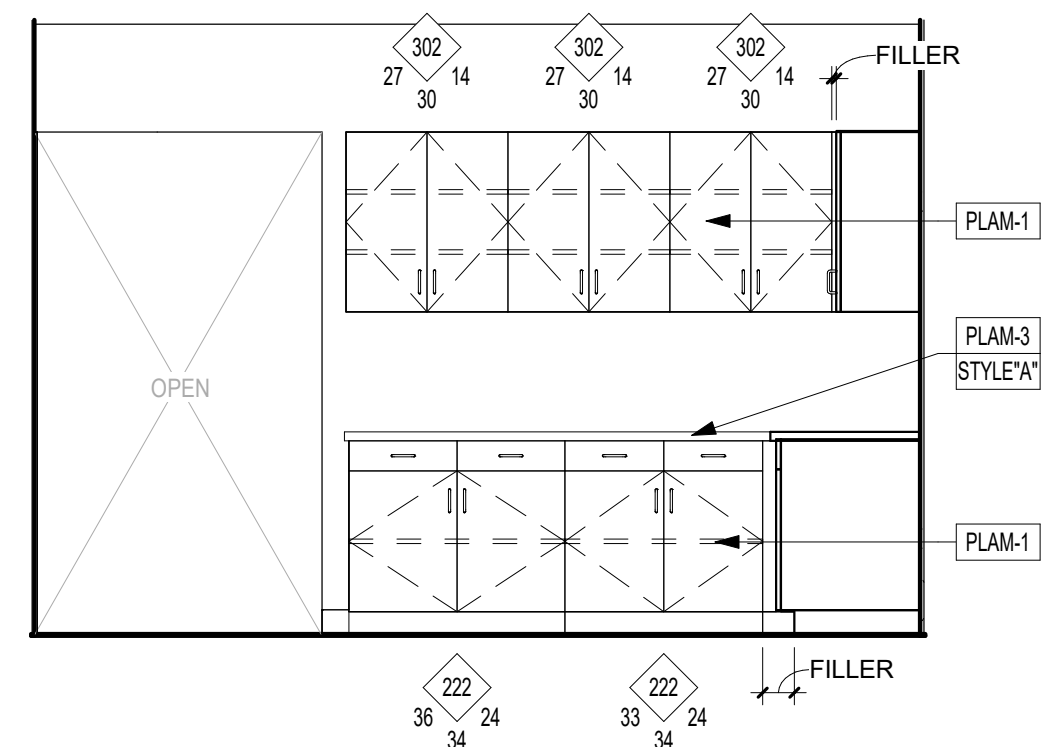
TITLE

## INTERIOR ELEVATIONS

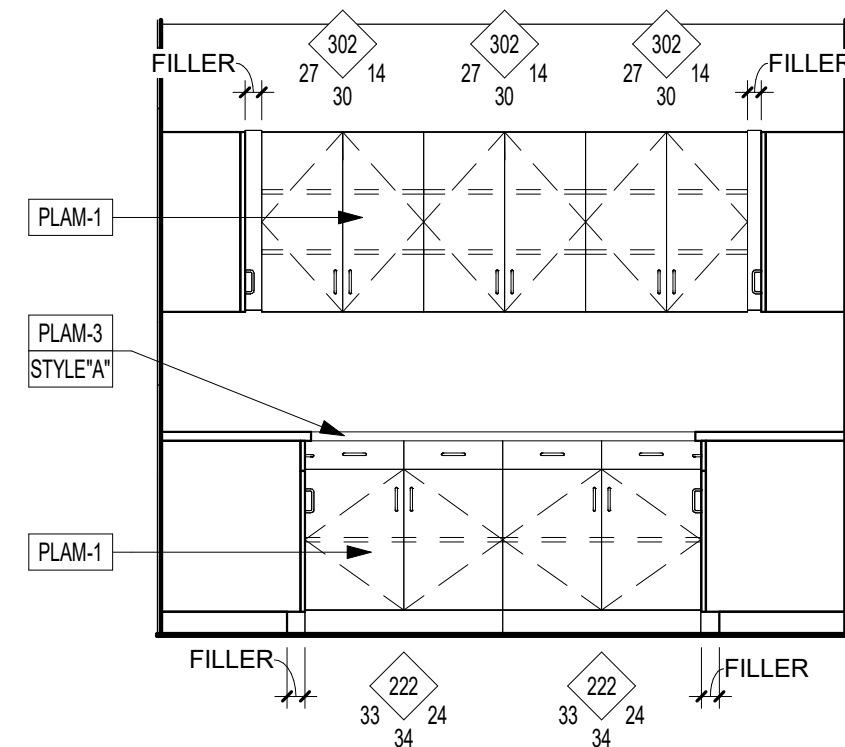
SHEET

**A6-12**

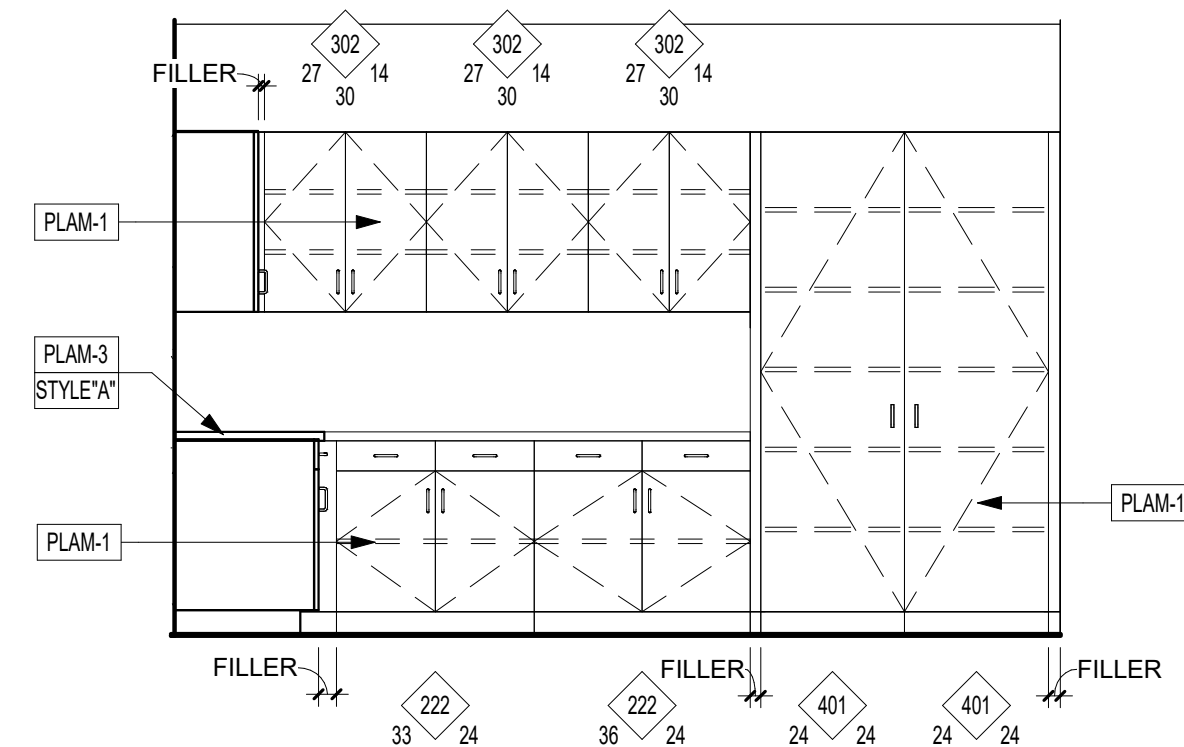
28	INSTALL SALVAGED ISG LOGO SIGN
35	NO BASE IN CABINET. TO BE OPEN TO FINISH FLOOR.
38	TOP OF WALL TO BE FINISHED AND PAINTED PNT-1



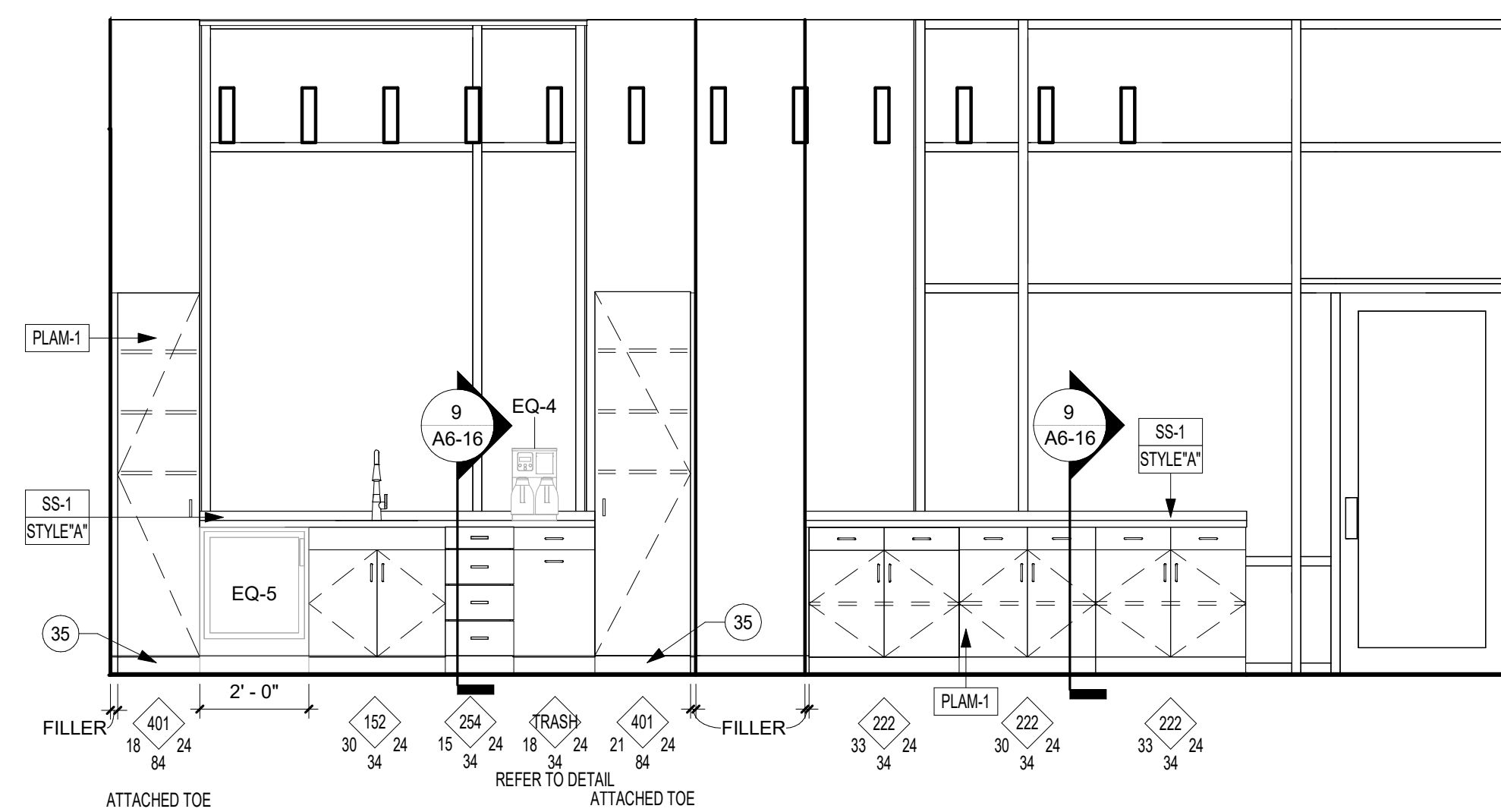
1 112 STORAGE - EAST  
3/8" = 1'-0"



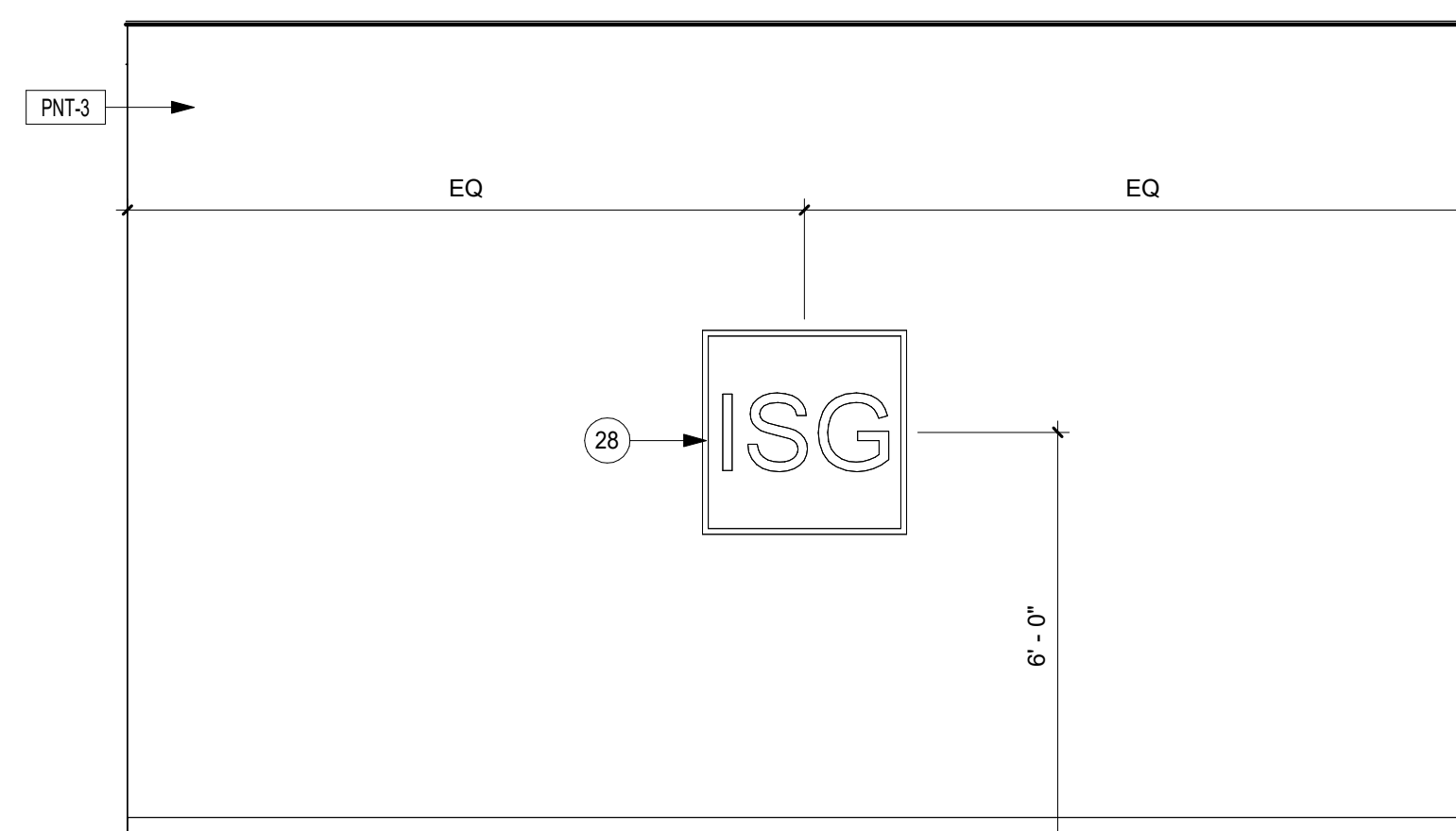
2 112 STORAGE - SOUTH  
3/8" = 1'-0"



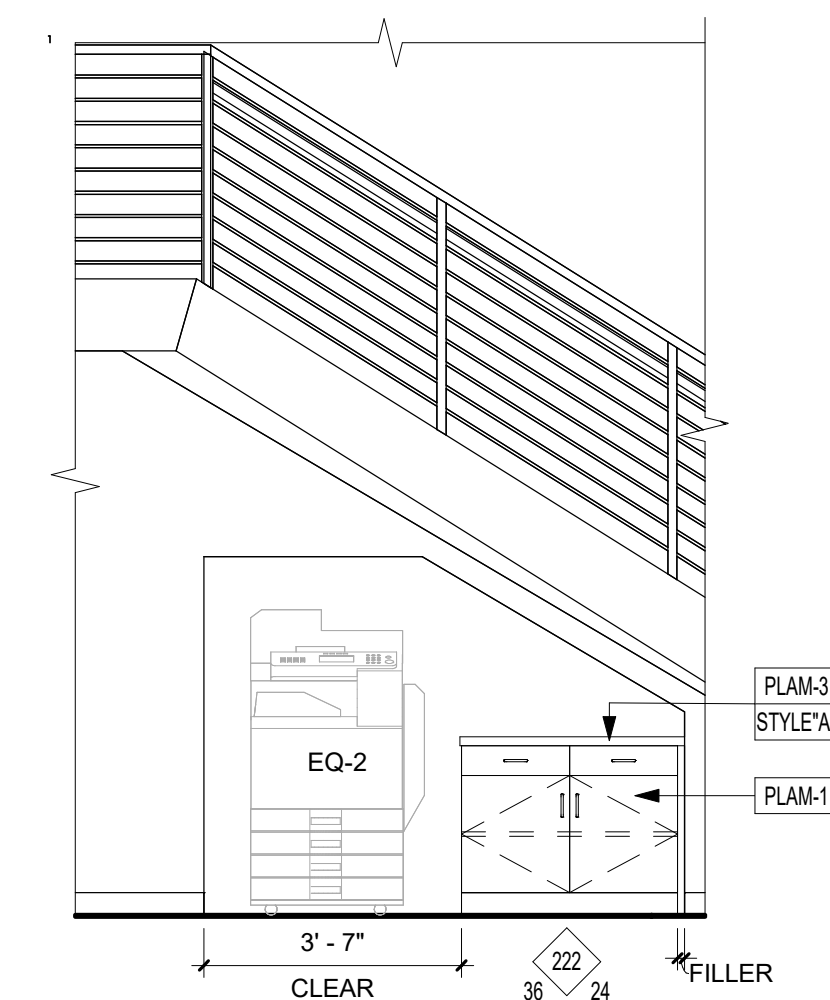
3 112 STORAGE - WEST  
3/8" = 1'-0"



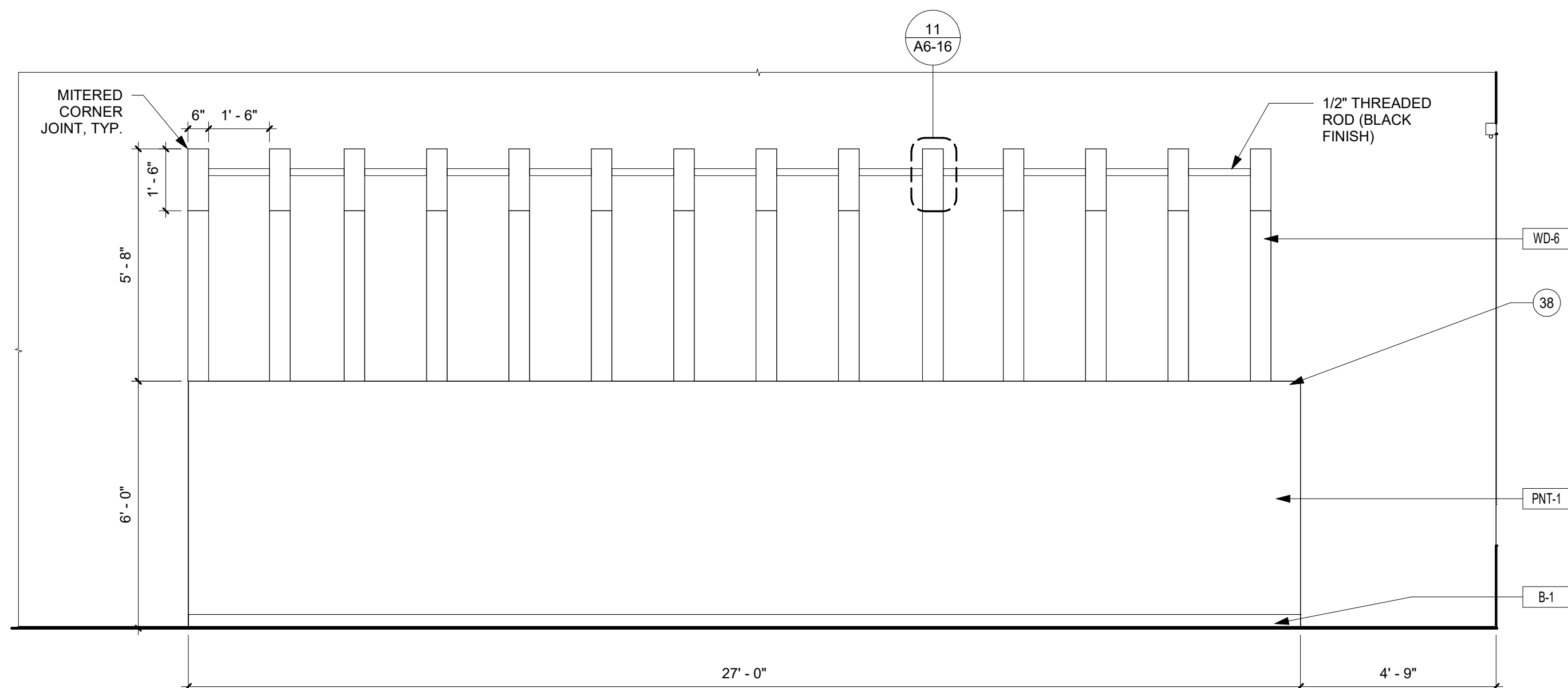
4 117 OPEN OFFICE COFFEE - EAST  
3/8" = 1'-0"



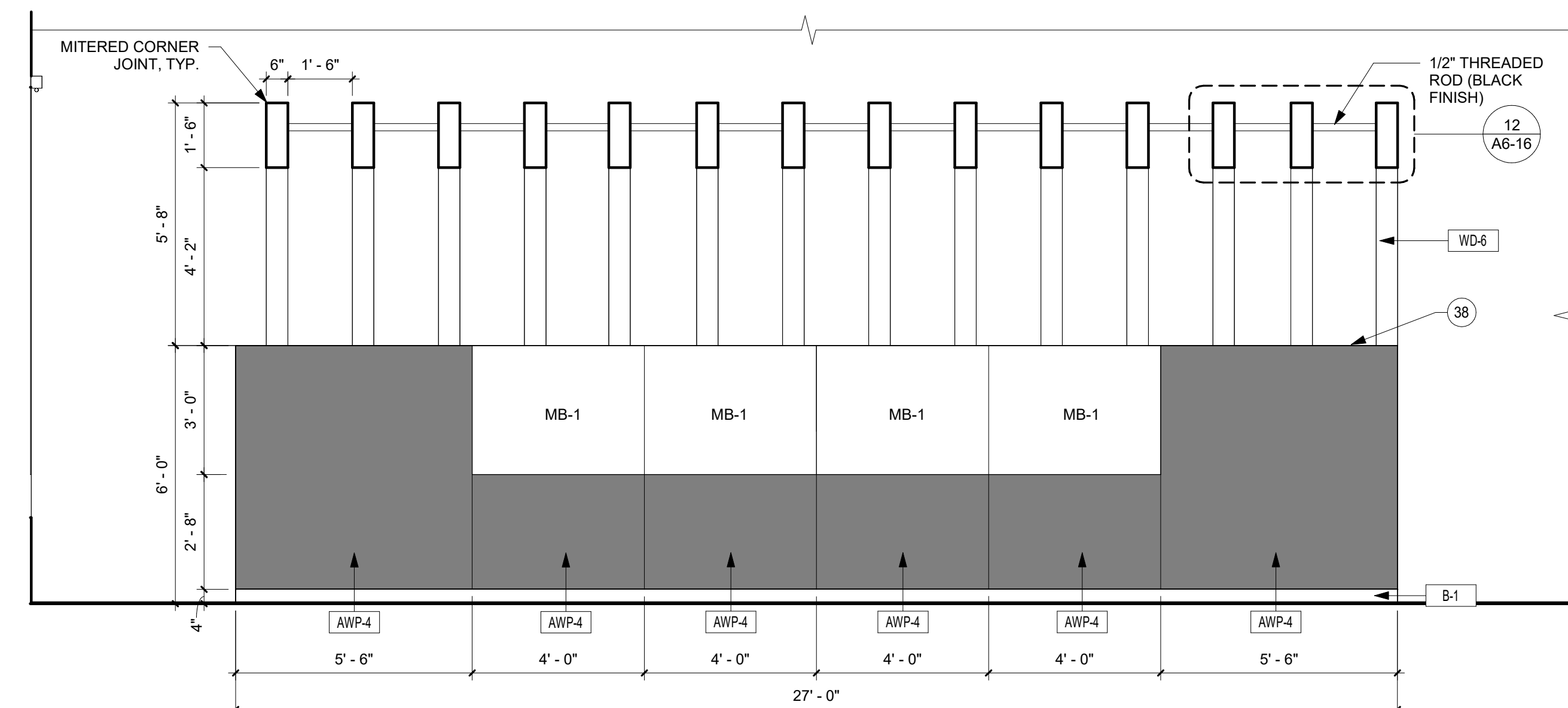
5 117 OPEN OFFICE FEATURE WALL - WEST  
3/8" = 1'-0"



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

[illegible]

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

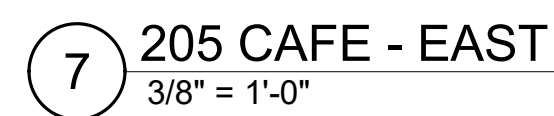
SHEET

**A6-13**





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## ISG RALEIGH BUILD OUT

[illegible]

TITLE

## INTERIOR ELEVATIONS

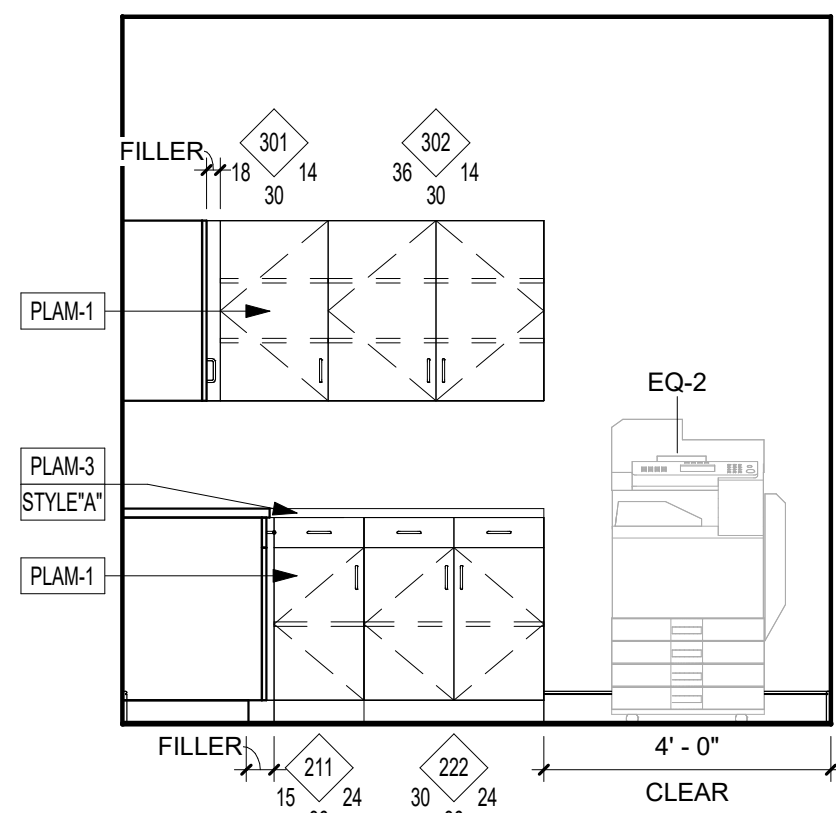
SHEET

**A6-14**

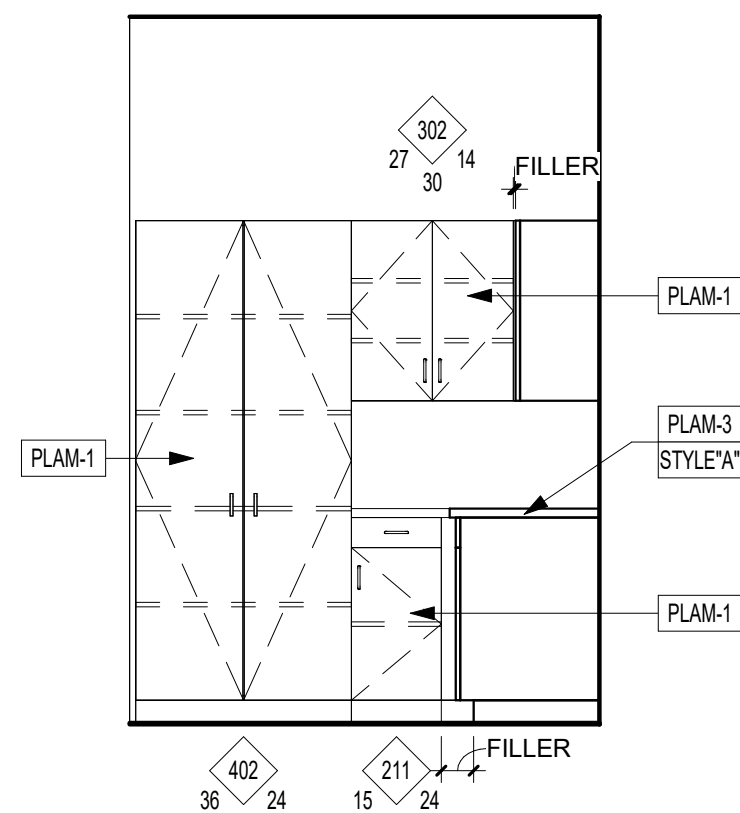


# KEYNOTE LEGEND

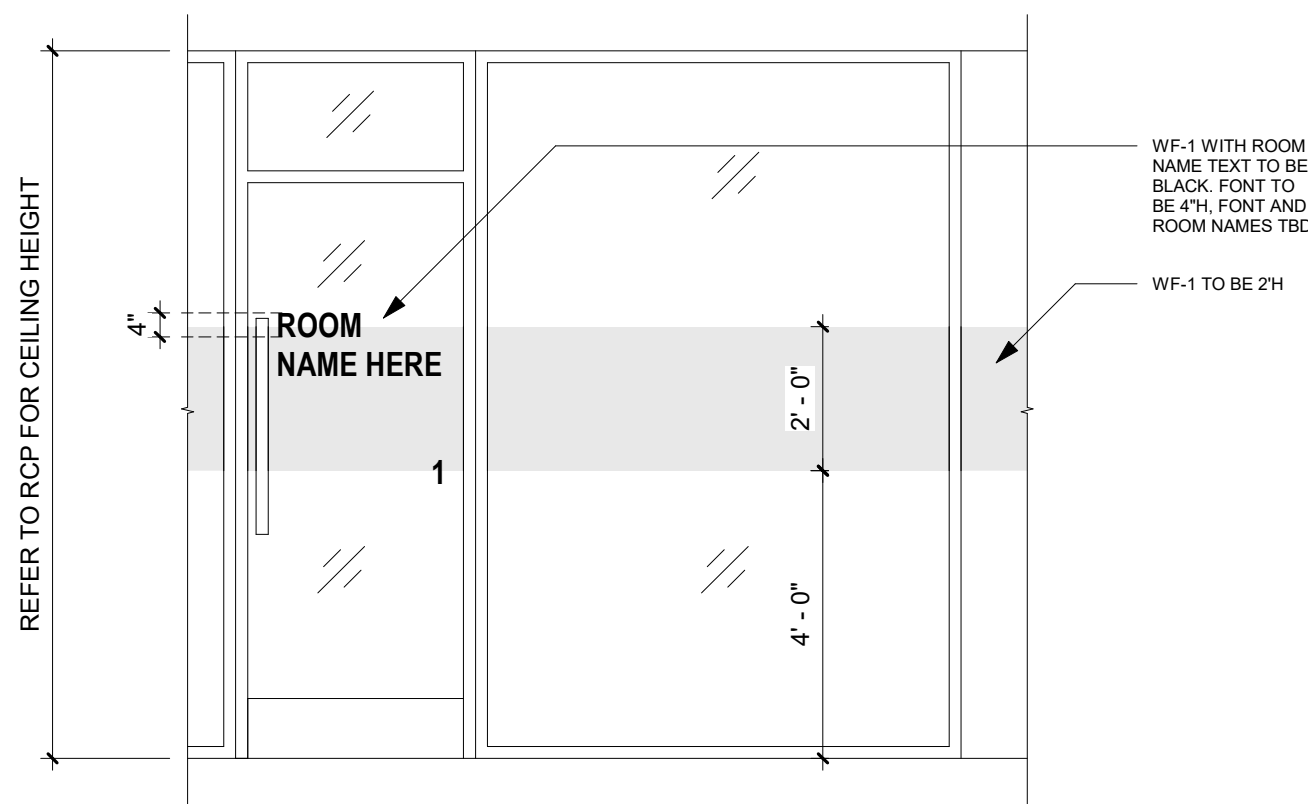
27 ELECTRIC HEIGHT ADJUSTABLE TABLE BY OTHERS



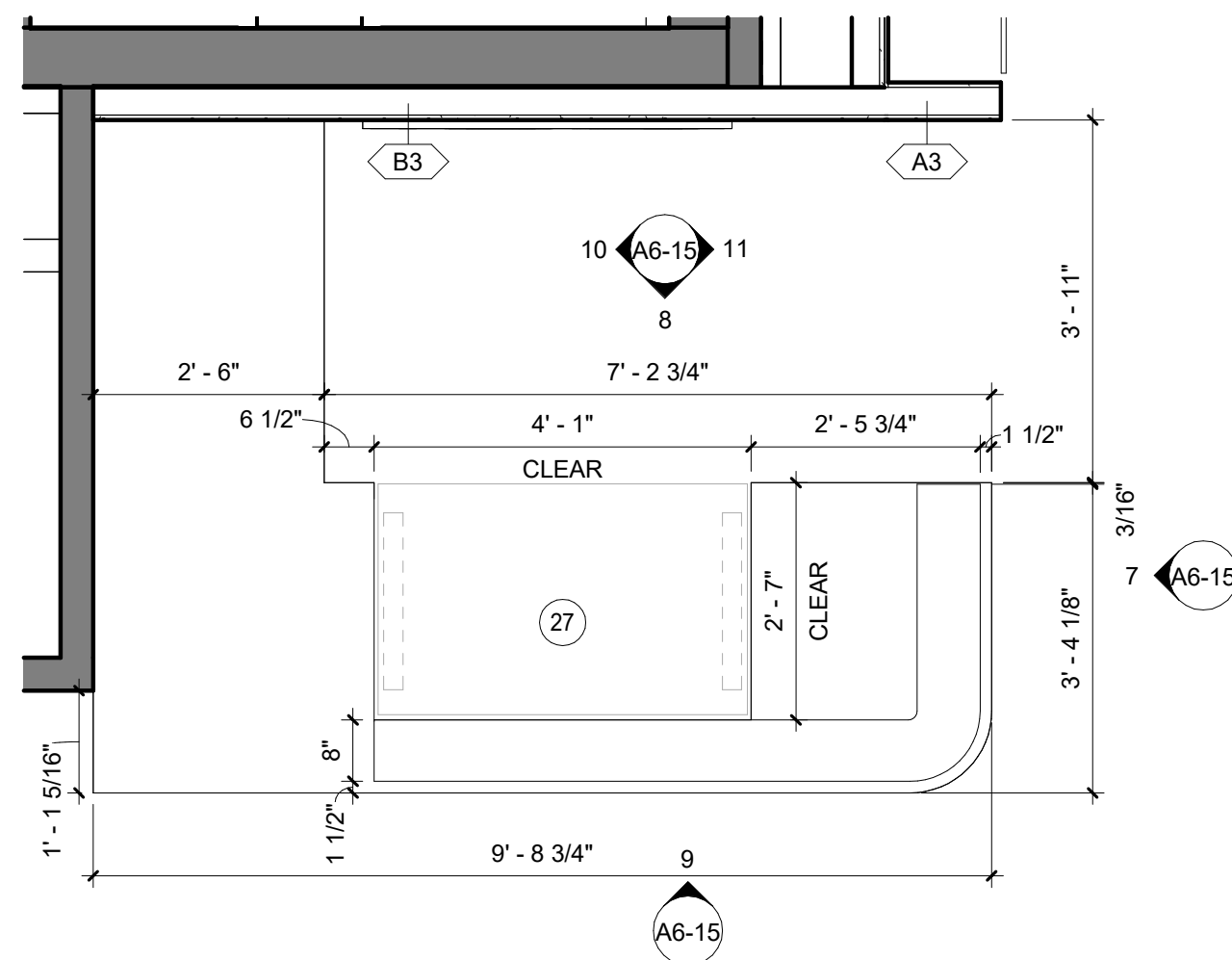
1 206 PRINT/SUPPLIES - EAST  
3/8" = 1'-0"



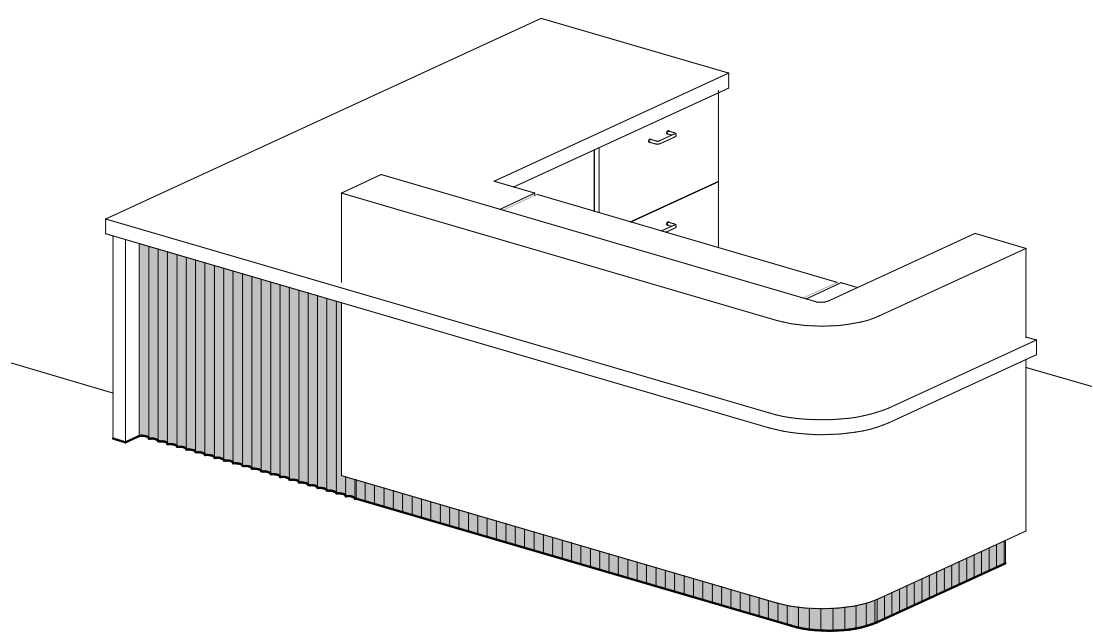
2 206 PRINT/SUPPLIES - NORTH  
3/8" = 1'-0"



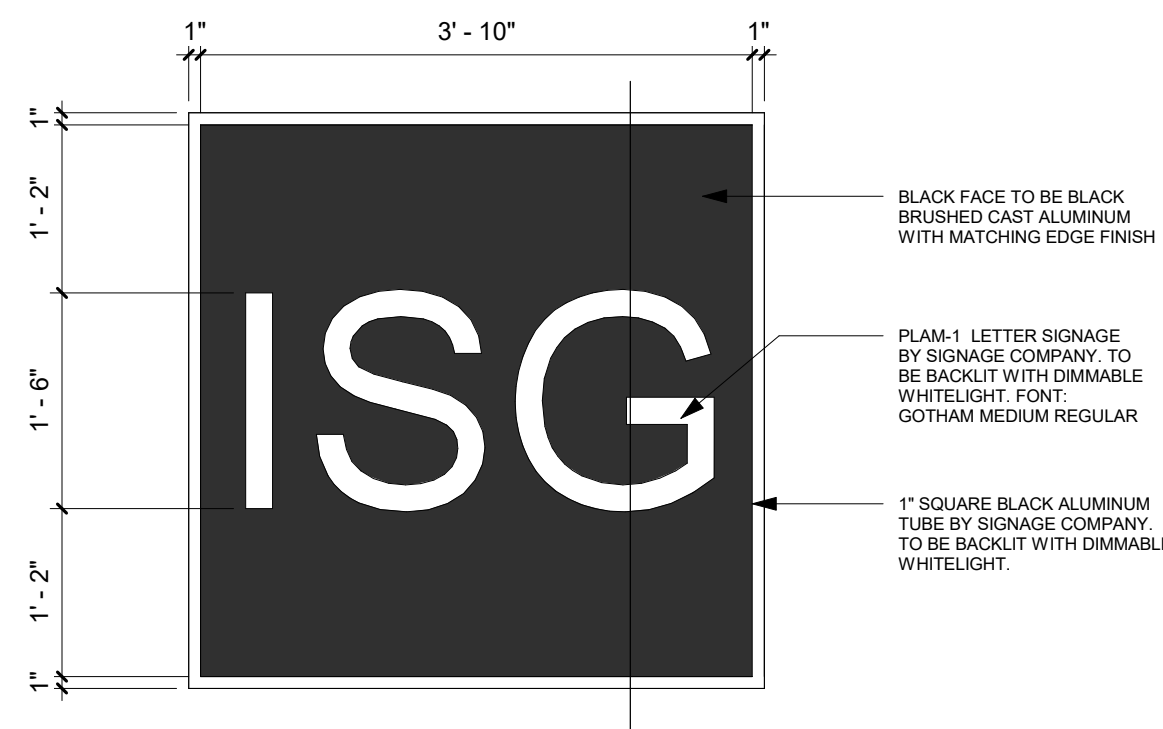
12 TYPICAL GLASS FRONT WINDOW FILM AT CONFERENCE/HUDDLE ROOMS  
3/8" = 1'-0"



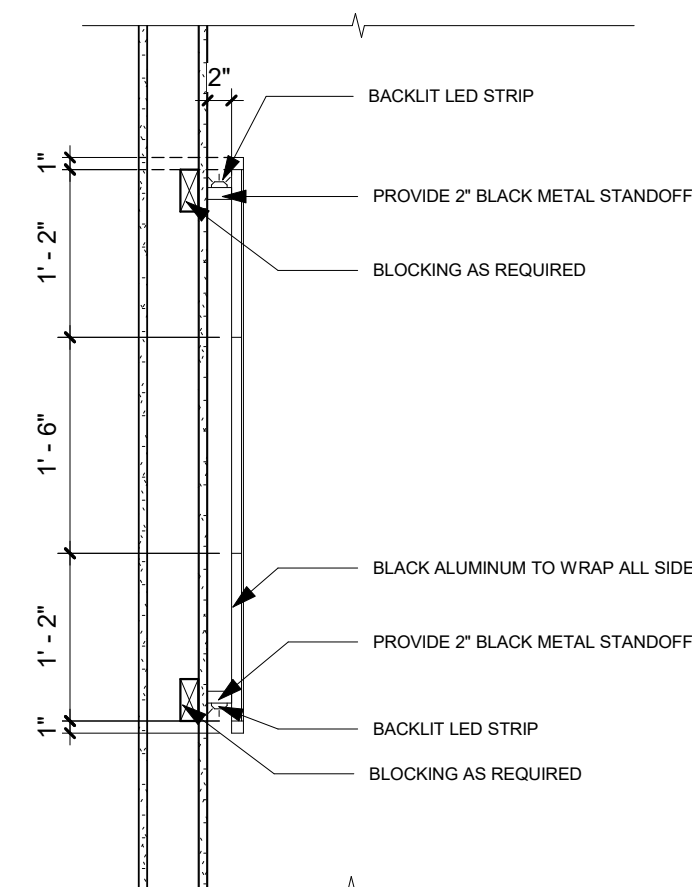
3 ENLARGED RECEPTION DESK  
1/2" = 1'-0"



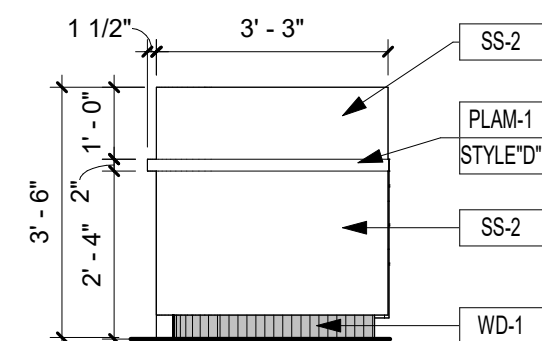
4 RECEPTION DESK - 3D VIEW



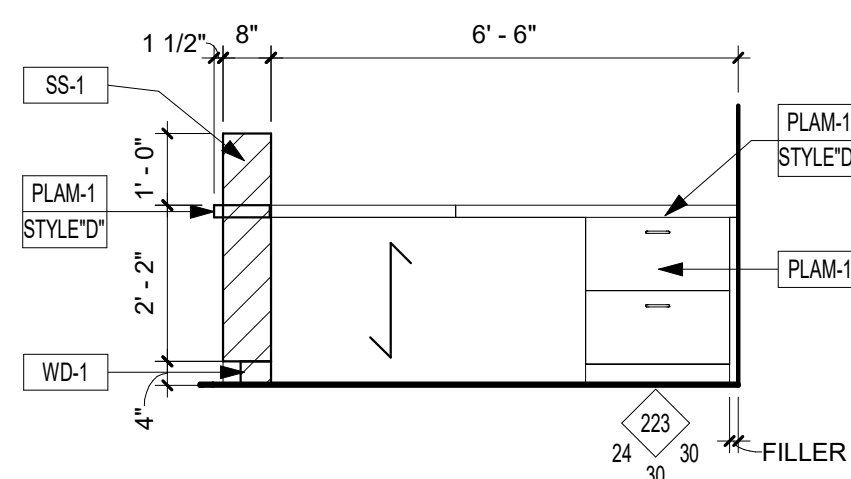
5 ISG LOGO DETAIL 1  
3/4" = 1'-0"



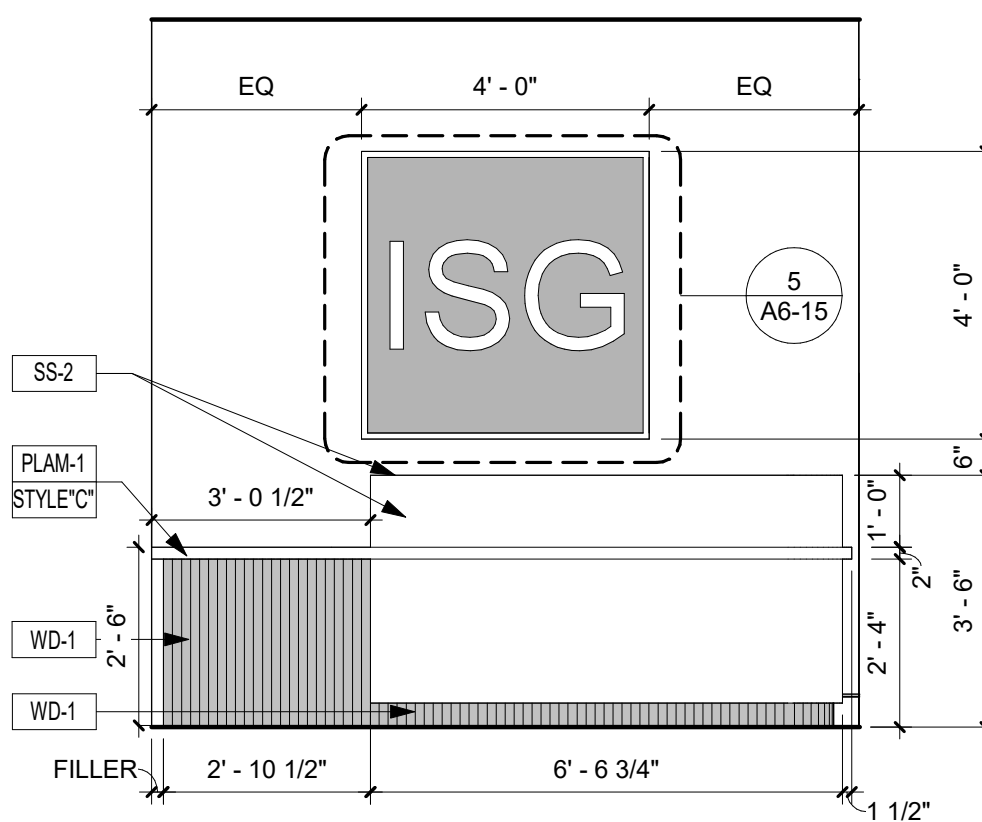
6 ISG LOGO DETAIL 2  
3/4" = 1'-0"



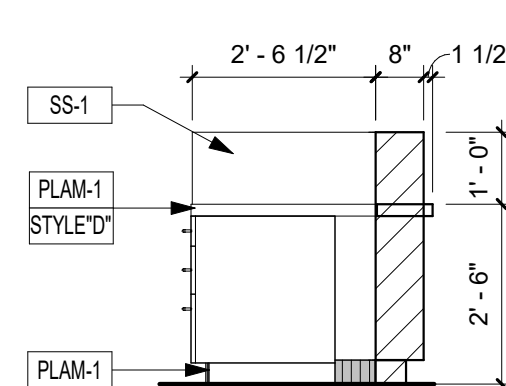
7 201 RECEPTION - NORTH 1  
3/8" = 1'-0"



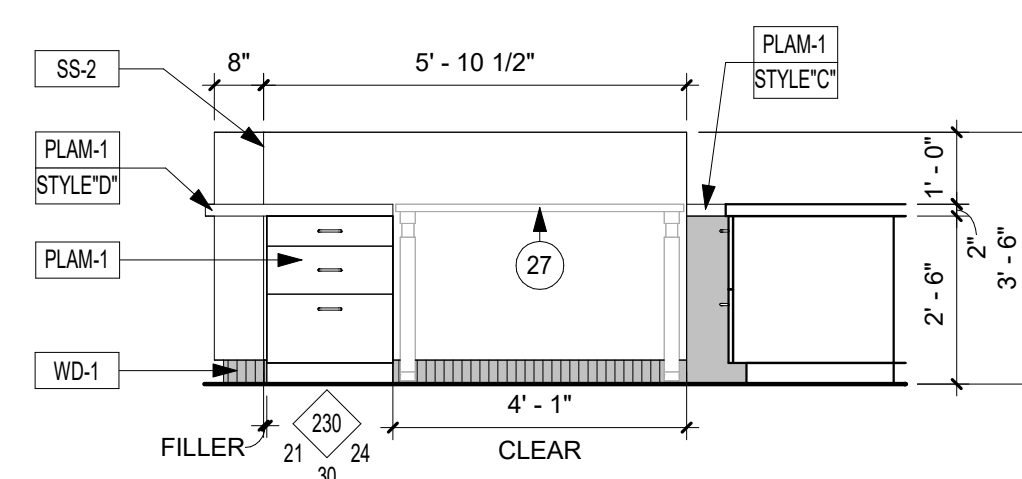
10 201 RECEPTION - NORTH 2  
3/8" = 1'-0"



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"

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PROJECT

## ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

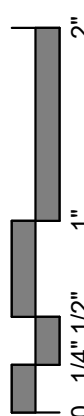
PROJECT NO. 25-32986  
FILE NAME 32986 Arch R24  
DRAWN BY CRR  
DESIGNED BY CRR  
REVIEWED BY AJW  
ORIGINAL ISSUE DATE 11/07/2025  
CLIENT PROJECT NO.

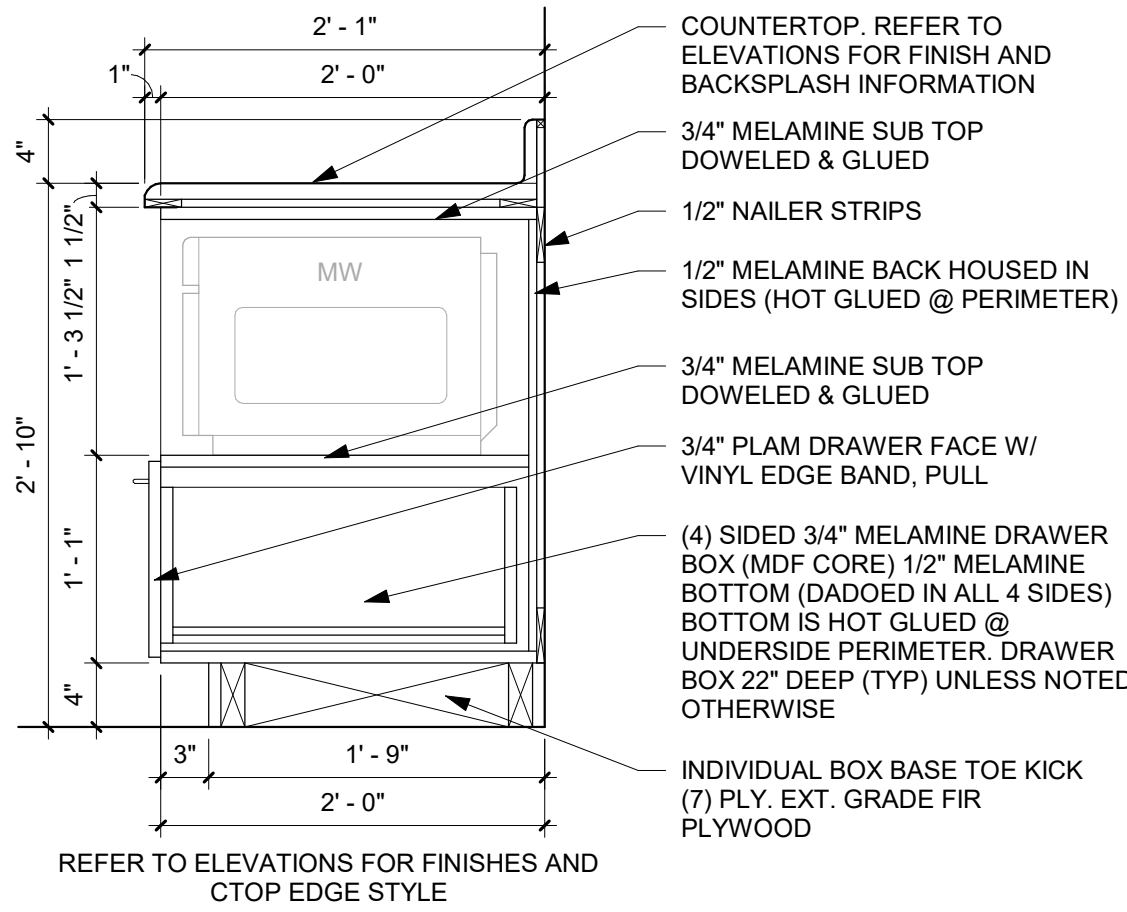
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## INTERIOR ELEVATIONS

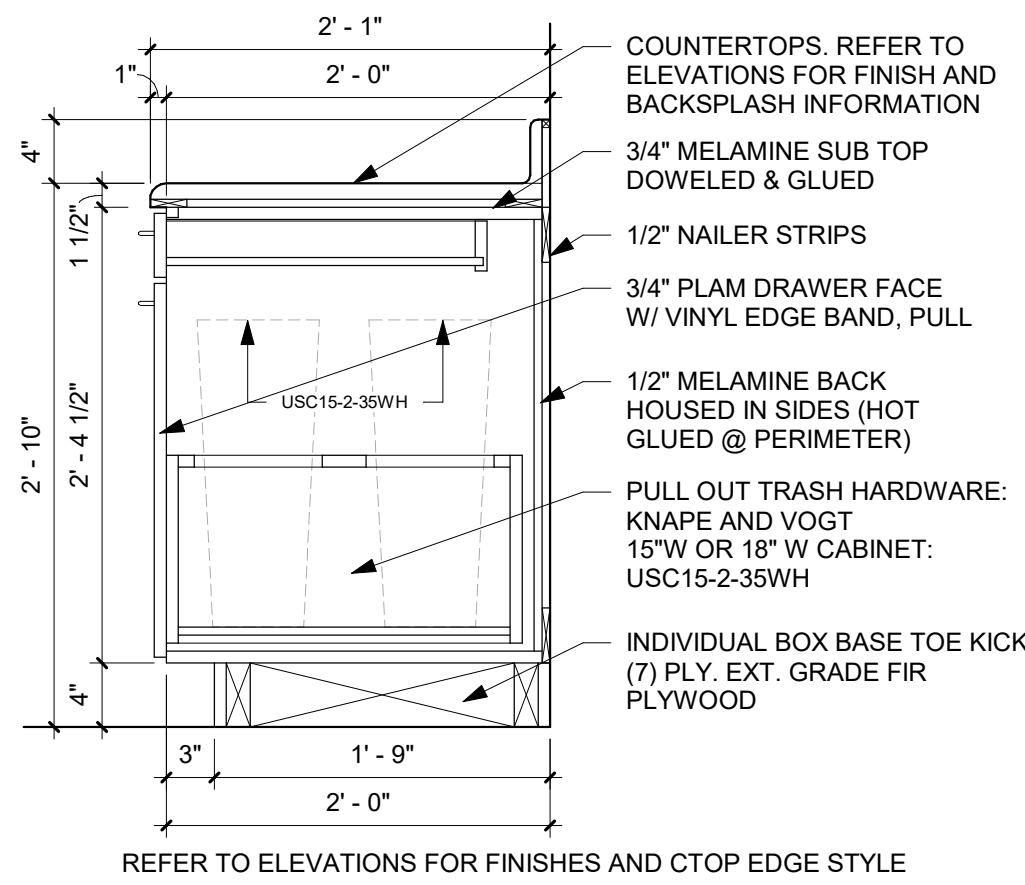
SHEET

A6-15

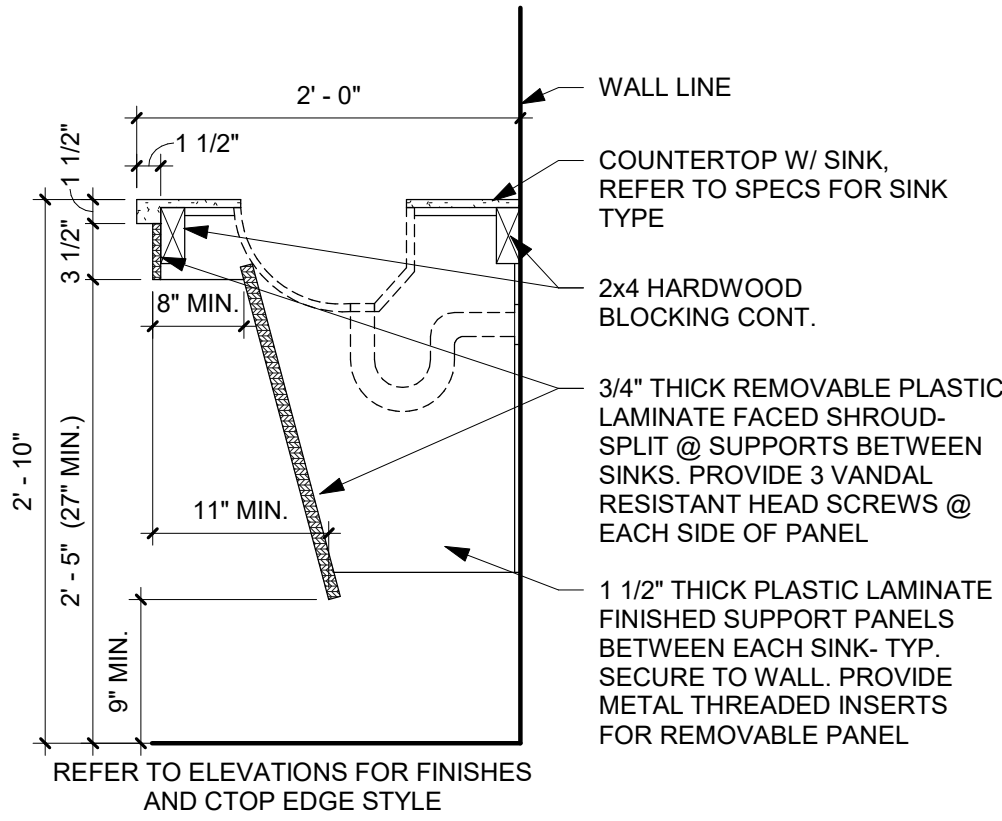




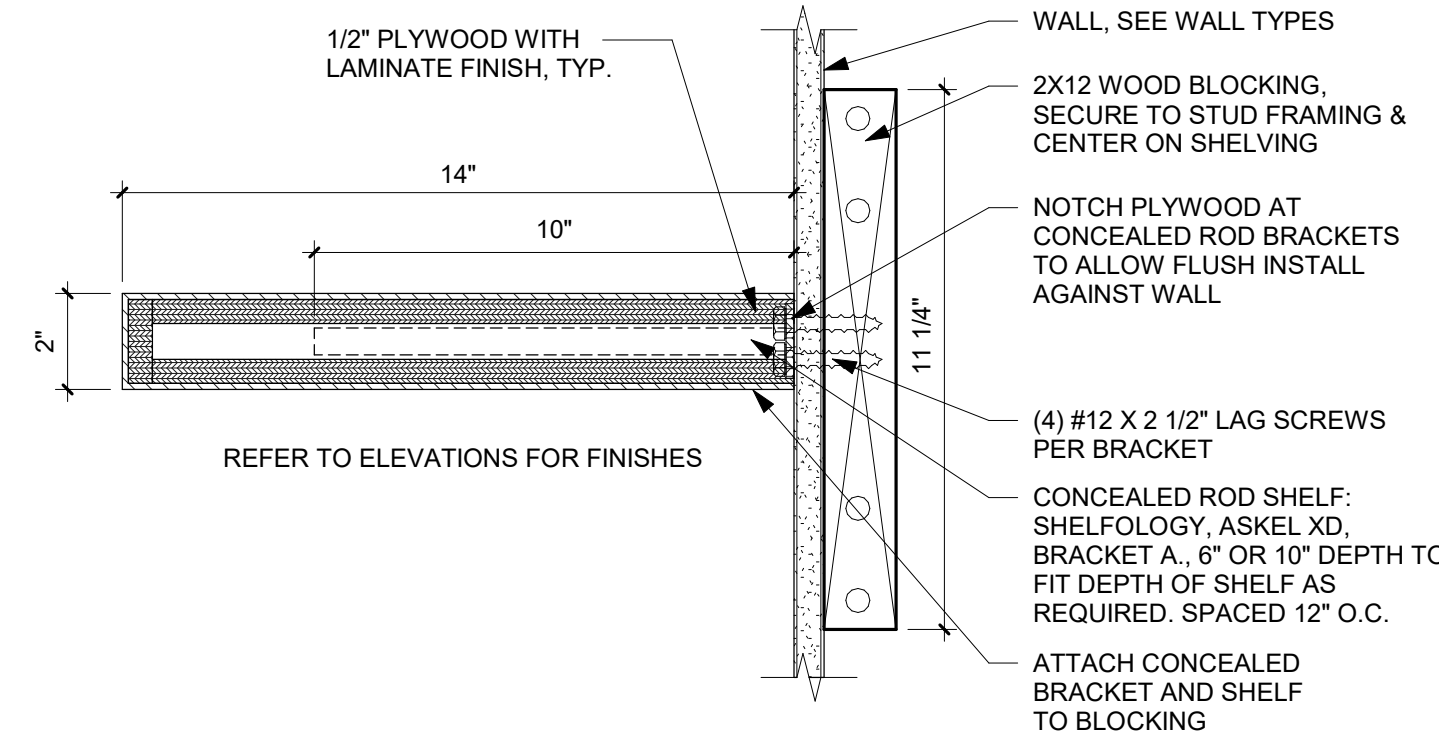
1 MICROWAVE CABINET DETAIL  
1" = 1'-0"



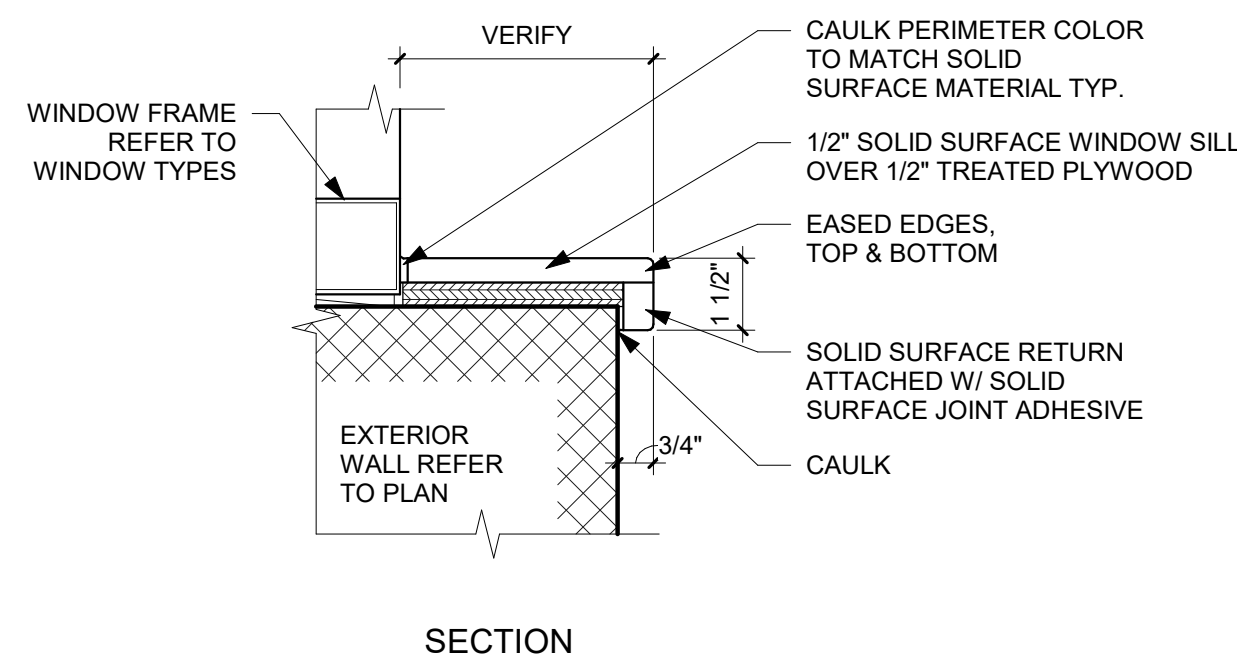
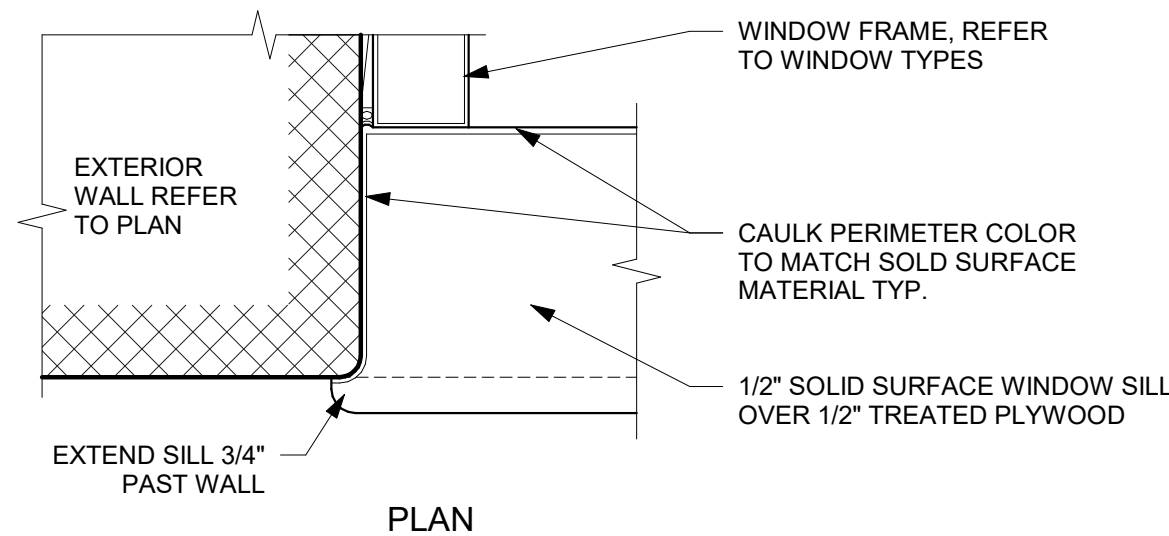
2 PULL-OUT TRASH CABINET WITH DRAWER DETAIL  
1" = 1'-0"



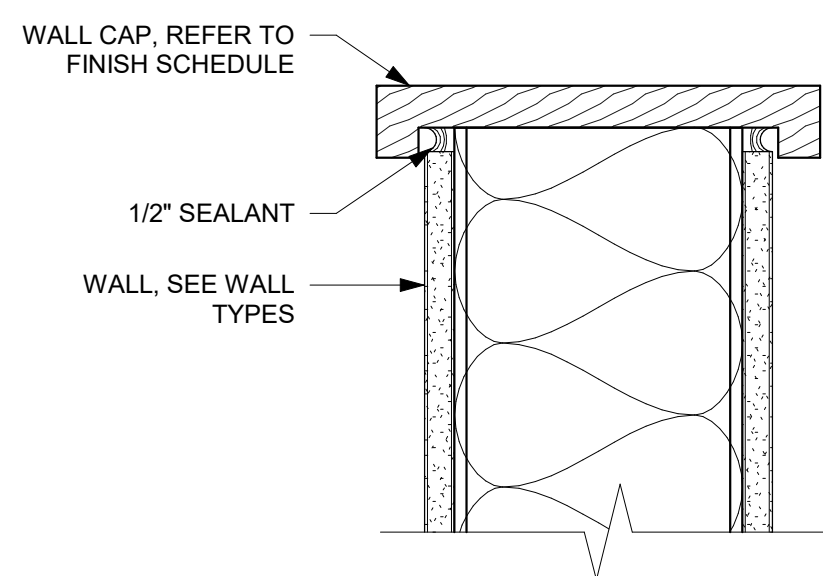
3 ADA SINK CABINET DETAIL  
1" = 1'-0"



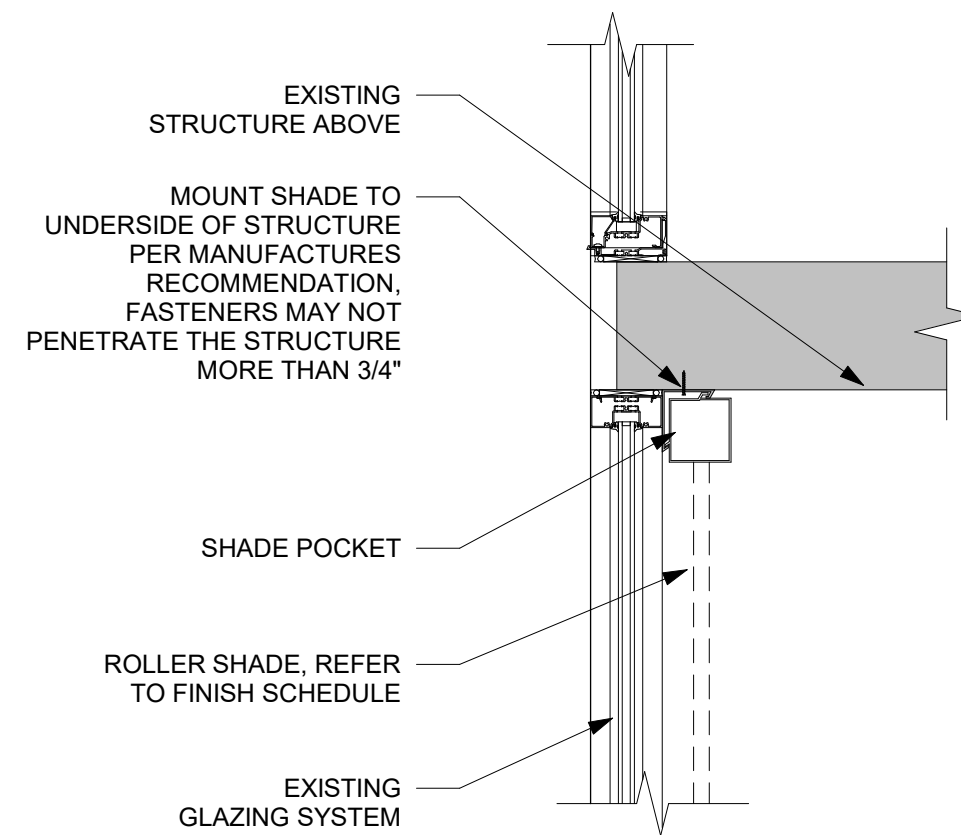
4 FLOATING SHELF DETAIL  
3" = 1'-0"



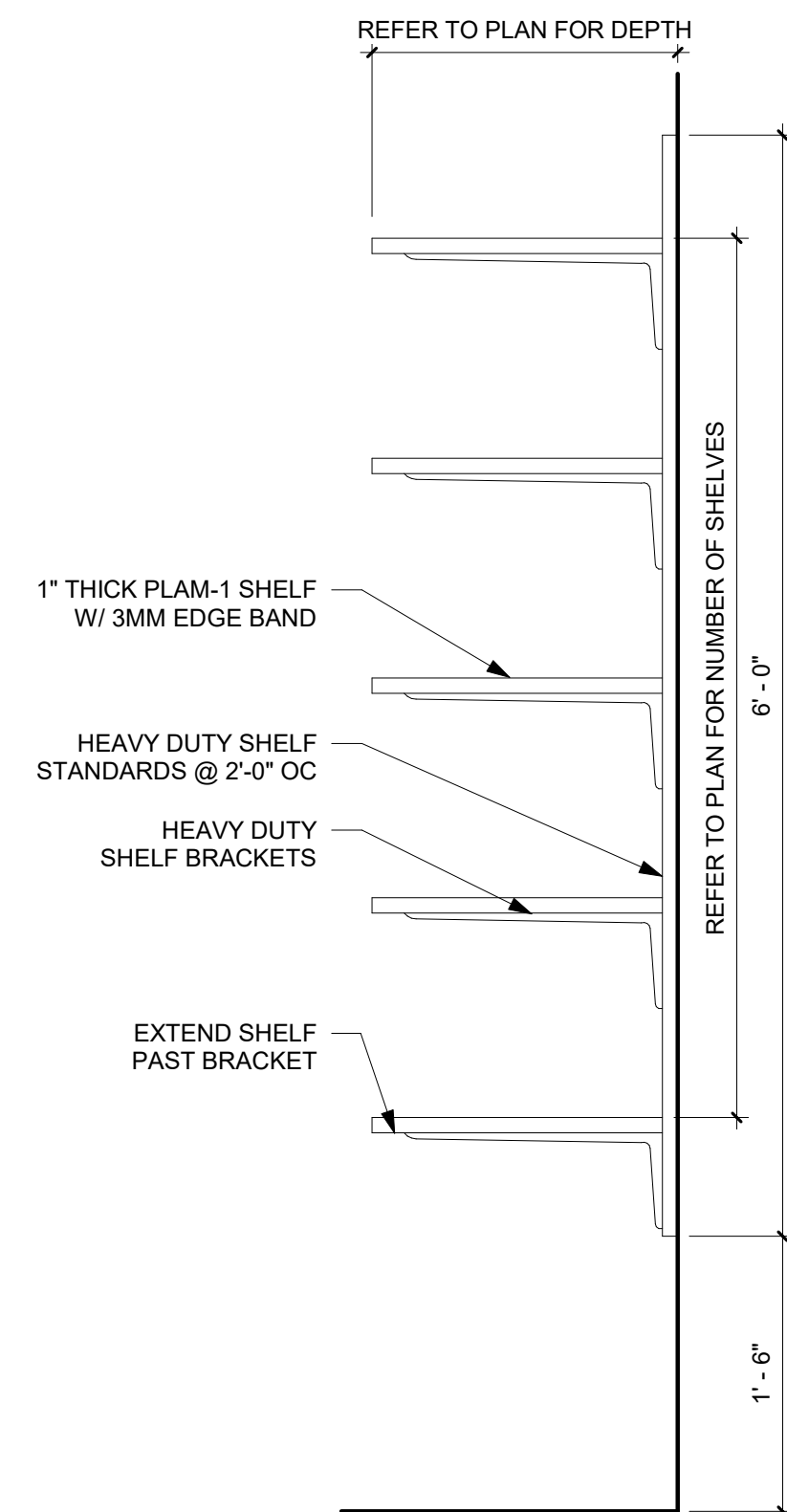
5 SOLID SURFACE SILL DETAIL  
3" = 1'-0"



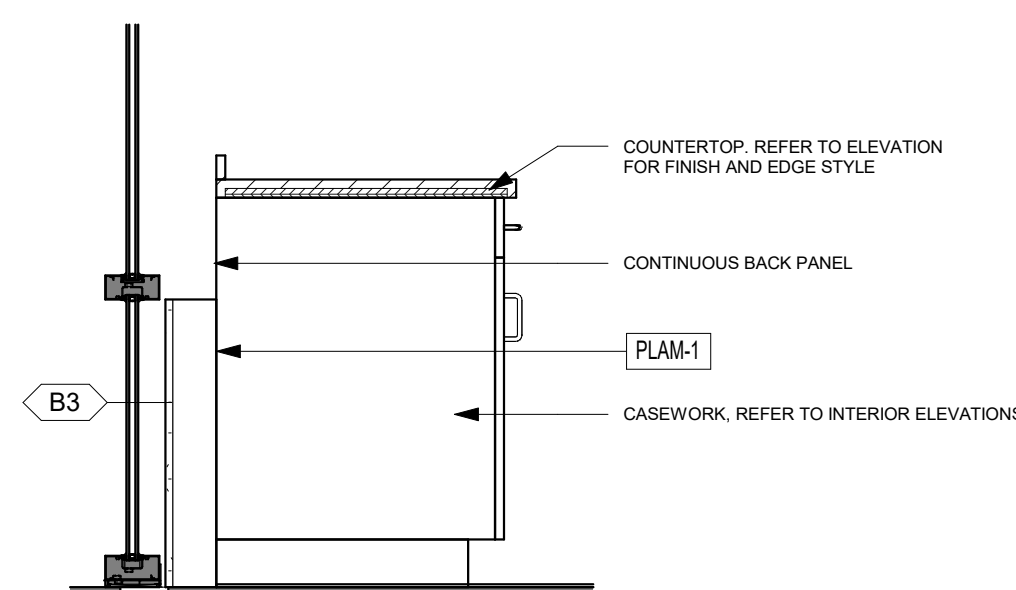
6 WALL CAP DETAIL AT MEZZANINE  
3" = 1'-0"



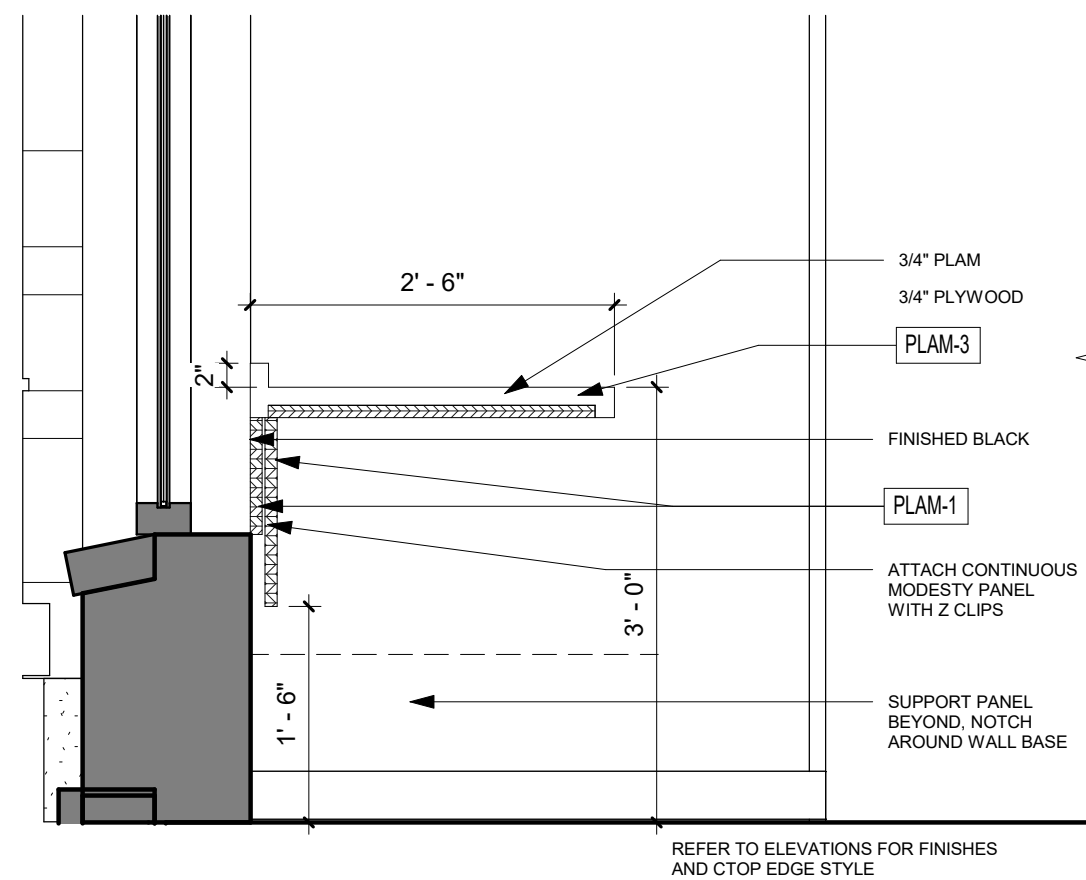
7 ROLLER SHADE DETAIL  
1" = 1'-0"



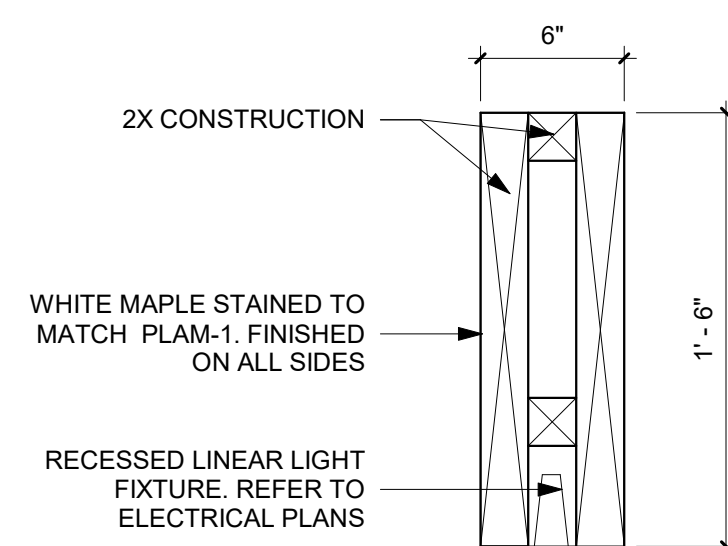
8 ADJUSTABLE SHELVING DETAIL  
1" = 1'-0"



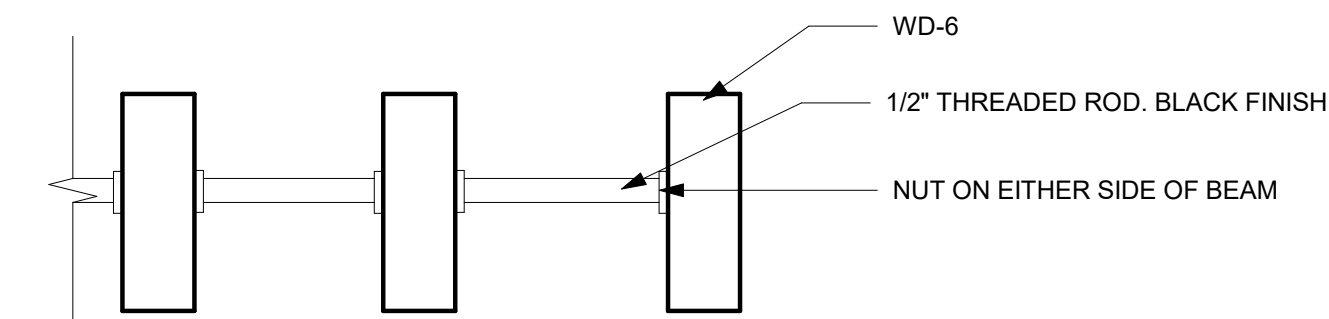
9 CASEWORK WINDOW INSTANCE TYPICAL  
3/4" = 1'-0"



10 OPEN OFFICE SHELVING  
3/4" = 1'-0"



11 FAUX BEAM DETAIL 1  
1 1/2" = 1'-0"



12 FAUX BEAM 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
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 DETAILS

SHEET

A6-16



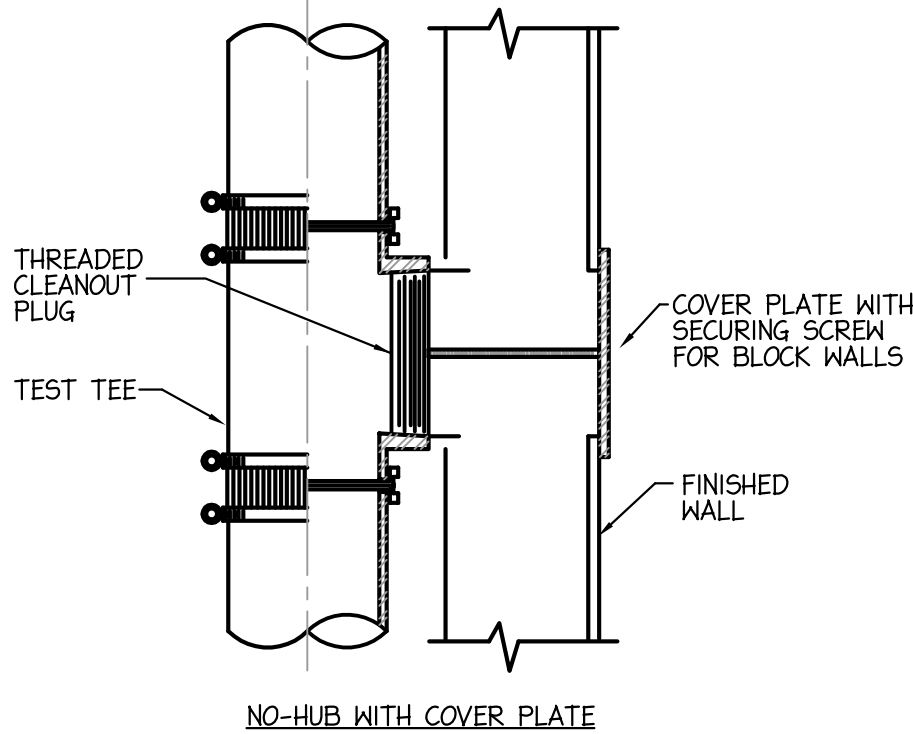
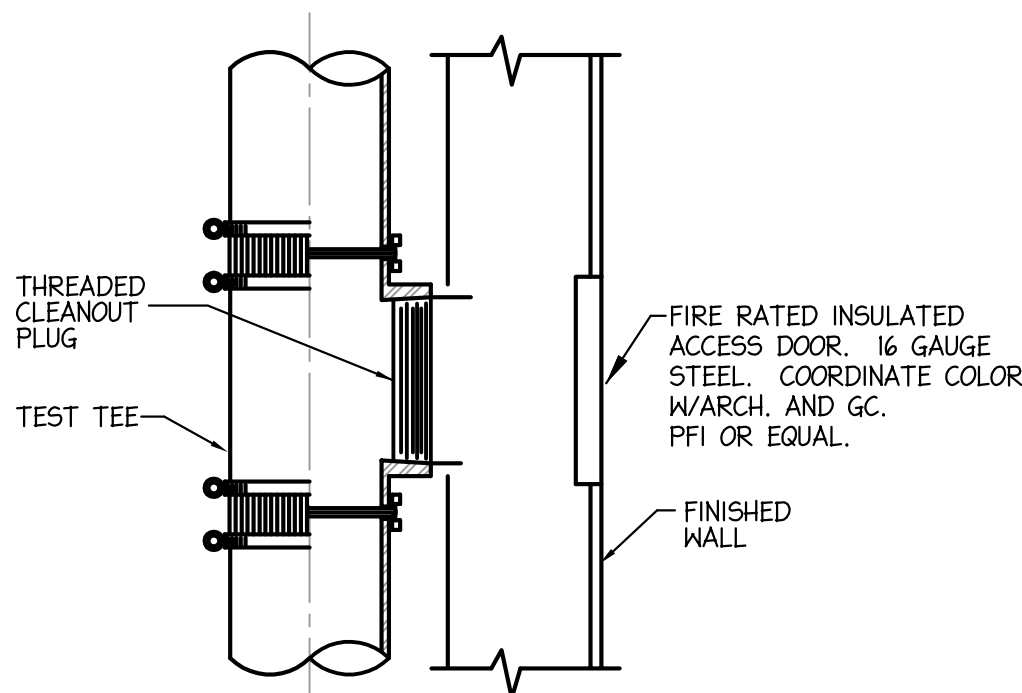
PLUMBING GENERAL NOTES	
1.	THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIAL AND EQUIPMENT IN STRICT ACCORDANCE WITH THE 2018 NORTH CAROLINA PLUMBING CODE AND ALL STATE AND LOCAL CODES, STANDARDS, AND PER MANUFACTURER'S DIRECTIONS.
2.	ALL PLUMBING FIXTURES AND PLUMBING SYSTEM EQUIPMENT SHALL BE PROVIDED 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 DISSIMILAR 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 1/8" 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 3/4" 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 (UNDRSLAB)
	DOMESTIC HOT WATER PIPING
	VENT PIPING
	WASTE (SANITARY SEWER)
	GAS PIPING
	EXISTING PIPING
	BALL VALVE
	INLINE BFP(WATTS SD-3 OR EQUAL)
	PIPE UP
	PIPE DOWN
	FLOOR DRAIN
	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

SHOCK ARRESTOR SCHEDULE		
P.D.I. SIZE	FIXTURE UNITS	MANUFACTURER OR EQUAL
SA'A'	1 - 11	ZURN, SMITH, PPI, SIOUX-CHIEF
SA'B'	12 - 32	"
SA'C'	33 - 60	"
SA'D'	61 - 113	"
SA'E'	114 - 154	"
SA'F'	155 - 330	"
1. LOCATE SHOCK ARRESTORS IN AN ACCESSIBLE LOCATION, OR PROVIDE SIOUX-CHIEF SHOCK ARRESTORS ONLY. 2. PROVIDE SHOCK ARRESTORS AS INDICATED PER SCHEDULE. SHOCK ARRESTORS SHALL BE SAME SIZE AS PIPE INSTALLED ON, MINIMUM.		

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 4-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	-	-	-	-	-	-	-	-	-	½"	-	WALL	SHUT-OFF VALVE & THREADED CW CONNECTION. PROVIDE F.R. MODEL WHEN IN RATED WALL.
				OBFS-8020	FIRE-RESISTANT														
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	

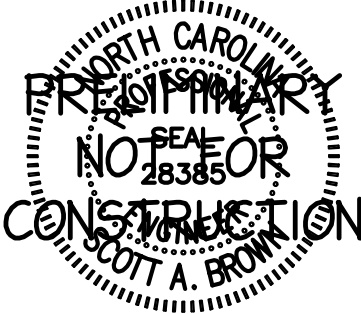
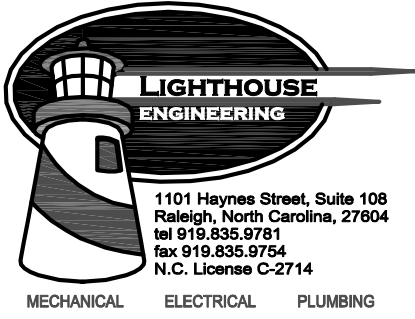
NOTES:  
1. CATALOG NUMBERS AND MANUFACTURERS ARE TO INDICATE TYPE AND QUALITY OF FIXTURE DESIRED. SUBMIT CUTSHEETS OF THESE AND ALTERNATE MANUFACTURERS FOR ARCHITECT AND OWNER APPROVAL PRIOR TO PURCHASE OF ANY FIXTURES. INFORMATION ON ALTERNATE FIXTURES PROPOSED BY THE CONTRACTOR SHALL INCLUDE THE ADD/DEDUCT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



NO-HUB WITH COVER PLATE

1 WALL CLEANOUT DETAIL  
NO SCALE (WCO)

Drawing Sheet List	
#	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



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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	PWI
DESIGNED BY	PWI
REVIEWED BY	SAB
ORIGINAL ISSUE DATE	11/07/25
CLIENT PROJECT NO.	25-32986

TITLE  
**PLUMBING  
DETAILS, LEGEND,  
NOTES, AND  
SCHEDULES**

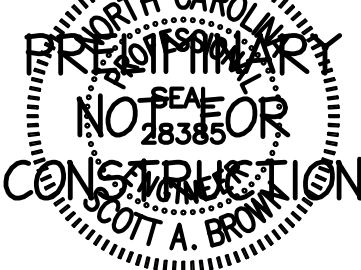
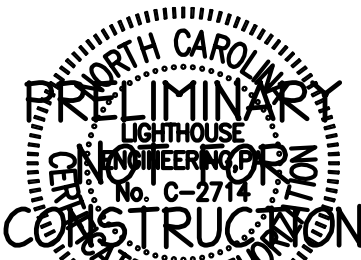
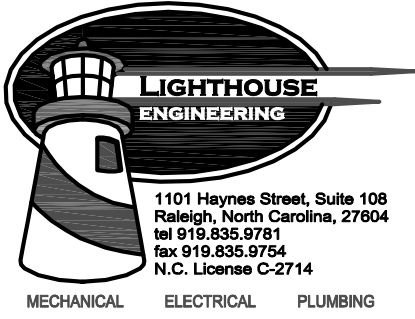
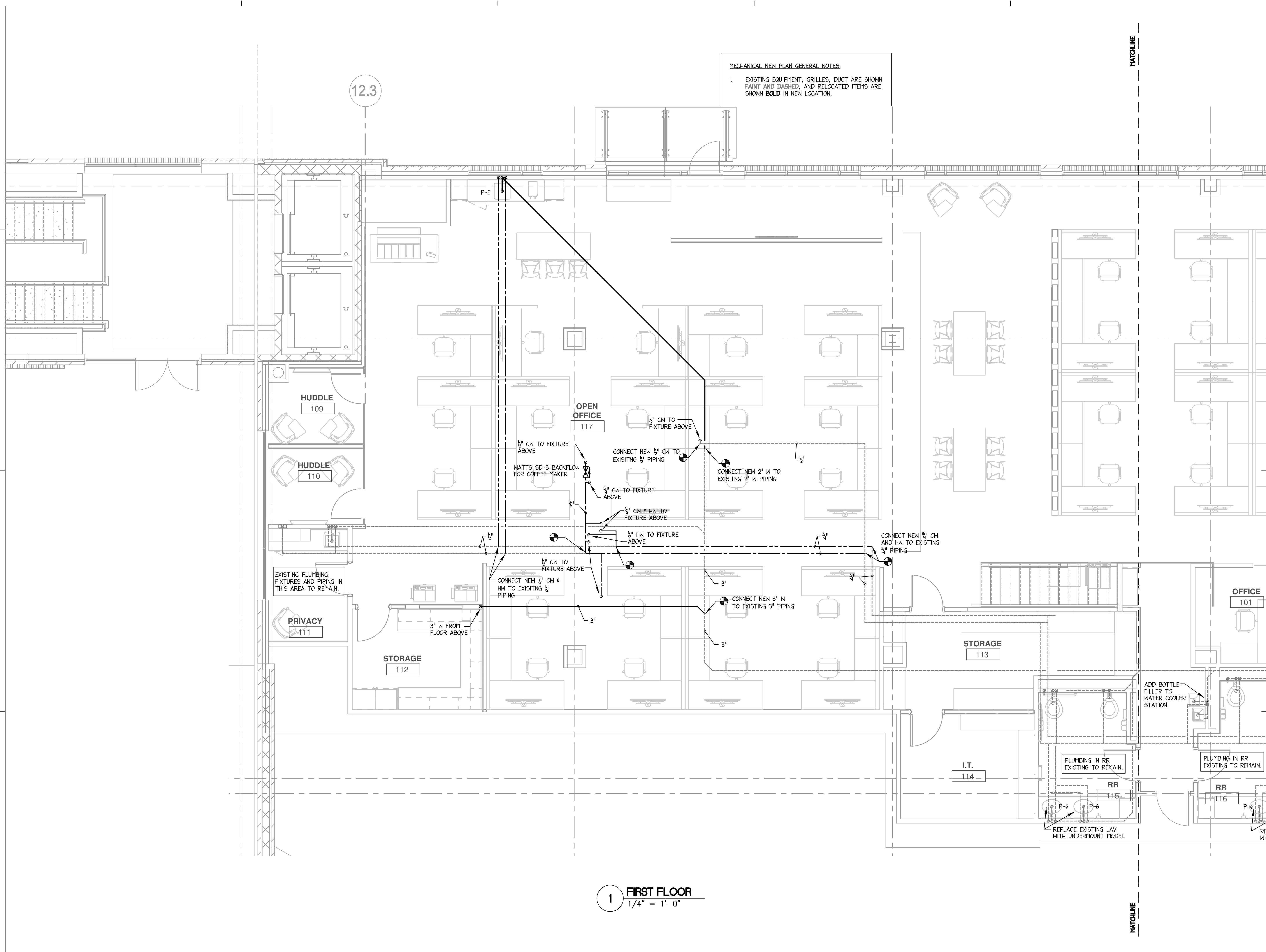
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**P0-01**

PRELIMINARY NOT FOR CONSTRUCTION



00-2504-01 PLUMBING FIRST FLOOR.dwg  
Nov 07, 2025 2:34pm



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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 PWI

DESIGNED BY PWI

REVIEWED BY SAB

ORIGINAL ISSUE DATE 11/07/25

CLIENT PROJECT NO. 25-32986

TITLE

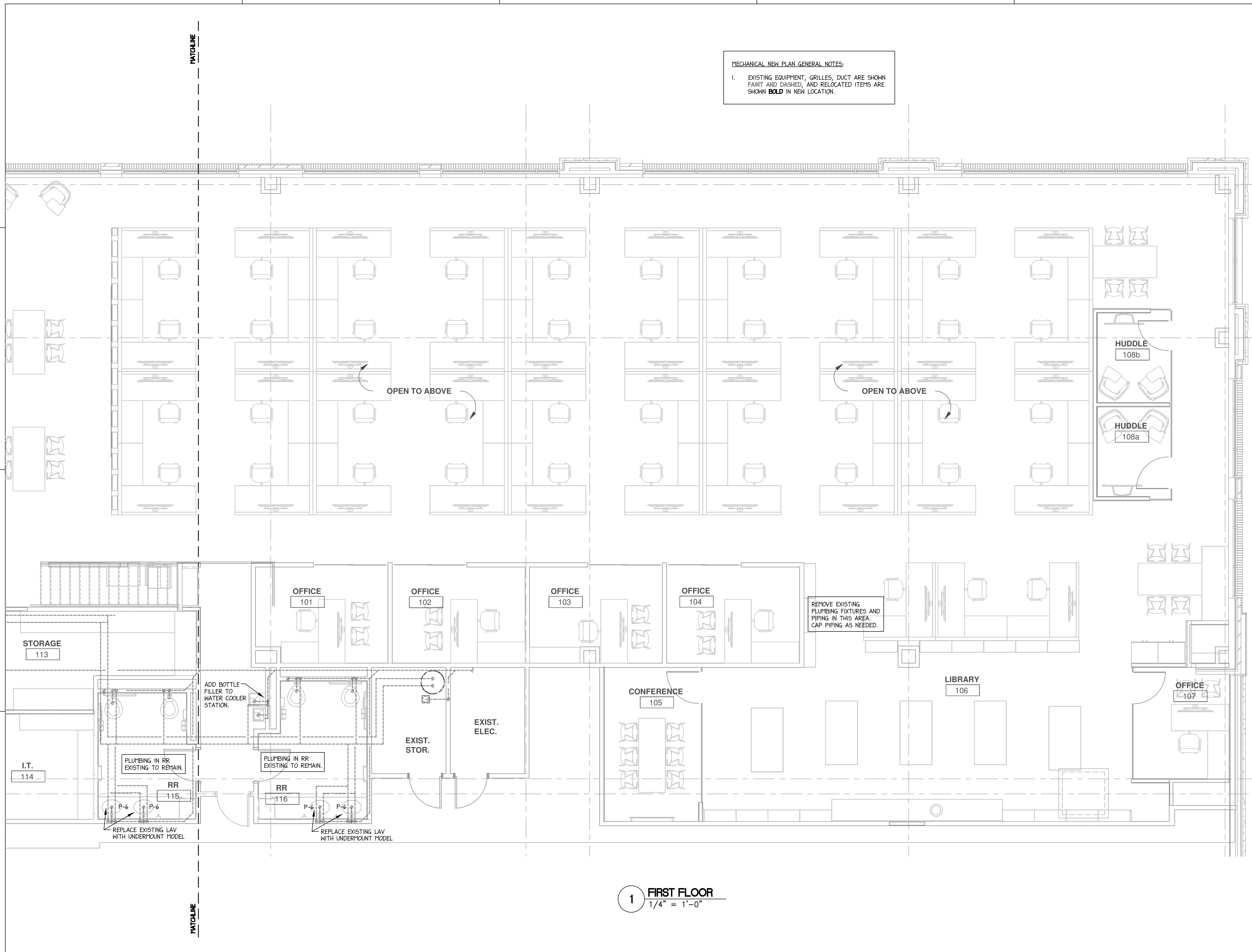
## PLUMBING PLANS - FIRST FLOOR

SHEET

P1-01A

PRELIMINARY NOT FOR CONSTRUCTION PRELIMINARY NOT FOR CONSTRUCTION PRELIMINARY NOT FOR CONSTRUCTION

90-25041P-01B-PLUMBING FIRST FLOOR.dwg  
Nov 07, 2025 2:40pm



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

REMOVE EXISTING  
PLUMBING FIXTURES AND  
PIPING IN THIS AREA.  
CAP PIPING AS NEEDED.

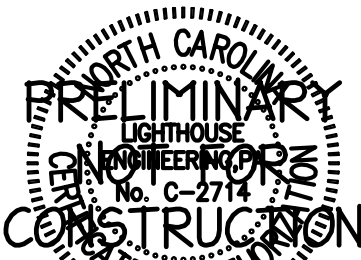
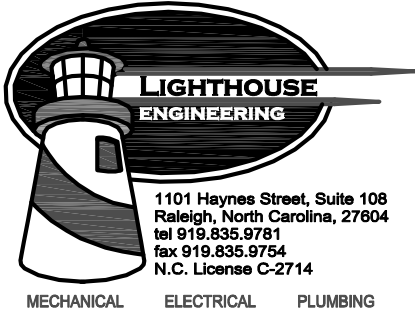
HUDDLE  
108b

HUDDLE  
108a

OPEN TO ABOVE

OPEN TO ABOVE

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



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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 PWI

DESIGNED BY PWI

REVIEWED BY SAB

ORIGINAL ISSUE DATE 11/07/25

CLIENT PROJECT NO. 25-32986

TITLE  
**PLUMBING  
PLANS -  
FIRST FLOOR**

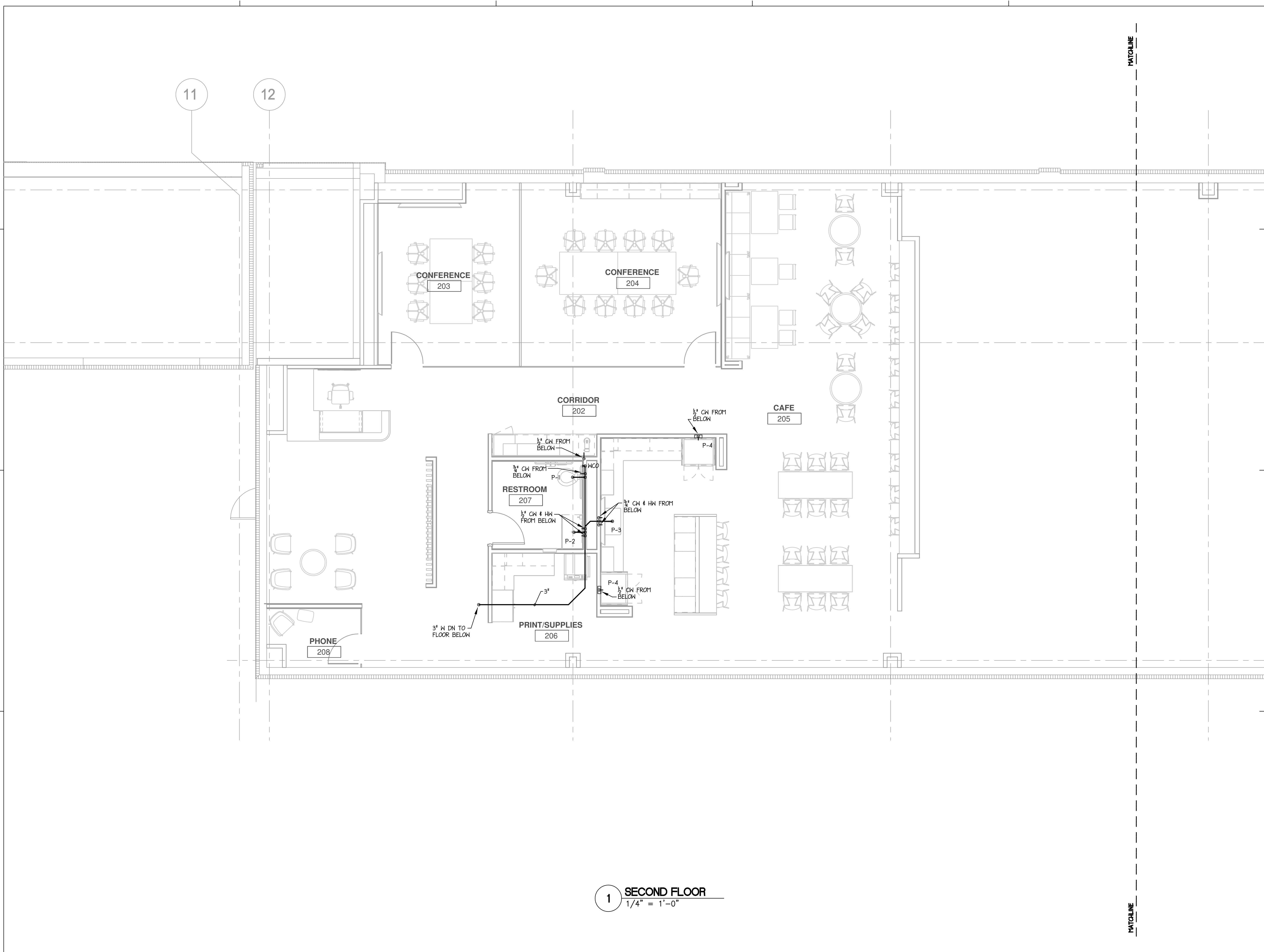
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**P1-01B**

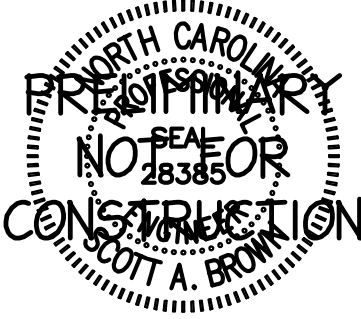
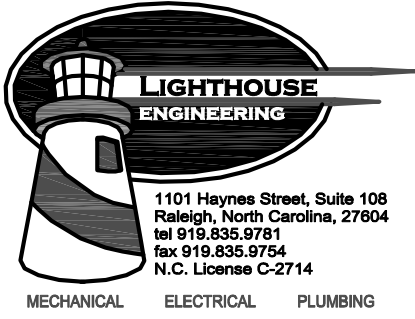
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1 SECOND FLOOR  
1/4" = 1'-0"



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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 PWI  
DESIGNED BY PWI  
REVIEWED BY SAB  
ORIGINAL ISSUE DATE 11/07/25  
CLIENT PROJECT NO. 25-32986

TITLE  
**PLUMBING  
PLANS -  
SECOND FLOOR**

SHEET

**P1-02A**

PRELIMINARY NOT FOR CONSTRUCTION PRELIMINARY NOT FOR CONSTRUCTION PRELIMINARY NOT FOR CONSTRUCTION



HVAC GENERAL NOTES	
1. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIAL AND EQUIPMENT IN STRICT ACCORDANCE WITH APPLICABLE CODES AND STANDARDS, AND PER MANUFACTURER'S DIRECTIONS.	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.
2. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL NECESSARY PERMITS, LICENSE, INSPECTIONS, APPROVALS, AND FEES.	17. PROVIDE 1 YEAR WARRANTY ON ALL EQUIPMENT AND 5 YEAR WARRANTY ON ALL COMPRESSORS.
3. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES BEFORE INSTALLATION OF ANY MATERIALS OR EQUIPMENT.	18. ALL INTAKE OPENINGS SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ALL EXHAUST LOCATIONS.
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.	19. CONDENSATE DRAIN PIPING AND FITTINGS SHALL BE SCHEDULE 40 PVC. DRAINS FROM AIR HANDLING UNITS SHALL BE TRAPPED.
5. DO NOT SCALE DRAWINGS FOR MEASUREMENTS.	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 1 FLEXIBLE AIR DUCTS. MAXIMUM LENGTH OF FLEX DUCT SHALL BE 10'-0"
6. ALL DUCT DIMENSIONS SHOWN ARE INTERIOR DUCT DIMENSIONS.	21. THE MECHANICAL CONTRACTOR SHALL PROVIDE LOW VOLTAGE CONTROL LINES TO THE ROOFTOP UNIT(S). COORDINATE ROUTING AND INSTALLATION WITH THE GENERAL CONTRACTOR.
7. ALL PENETRATIONS THROUGH EXTERIOR WALLS & ROOF SHALL BE FLASHED & COUNTERFLASHED IN A WATERPROOF MANNER (COLOR TO MATCH EXTERIOR).	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.
8. SEAL ALL PENETRATIONS OF RATED WALLS WITH FIRE DAMPER AND SEALANT MATERIAL APPROVED BY LOCAL CODE.	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.
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.	24. MECHANICAL CONTRACTOR SHALL PAINT ALL RELIEF HOODS, INTAKE HOODS, LOUVERS, AND VENT CAPS. CONFIRM COLOR WITH ARCHITECT & OWNER PRIOR TO INSTALLATION.
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.	25. SEE PLUMBING SHEETS FOR ALL GAS PIPING INFORMATION AND DETAILS.
11. LOCATE CEILING DIFFUSERS IN ACCORDANCE WITH ARCHITECTURAL REFLECTED CEILING PLANS (IF PROVIDED).	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.
12. PROVIDE MANUFACTURER'S RECOMMENDED CLEARANCES AROUND MECHANICAL UNITS FOR MAINTENANCE AND FILTER REMOVAL.	27. ALL CUTTING AND PATCHING OF WALLS AND FLOORS FOR MECHANICAL EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR.
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:  CONDITIONED SPACES R-6 MINIMUM NON-CONDITIONED SPACES R-8 MINIMUM  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.	
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.	

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-1-1	350	0	0.25"	6"	120/1Ø	TRANE VCCF06	1,2
VAV-1-2	850	0	0.25"	10"	120/1Ø	TRANE VCCF10	1,2
VAV-1-3	325	0	0.25"	6"	120/1Ø	TRANE VCCF06	1,2
VAV-1-4	400	0	0.25"	6"	120/1Ø	TRANE VCCF06	1,2
VAV-1-5	350	0	0.25"	6"	120/1Ø	TRANE VCCF06	1,2
VAV-1-6	150	0	0.25"	5"	120/1Ø	TRANE VCCF05	1,2
VAV-1-7	400	0	0.25"	6"	120/1Ø	TRANE VCCF06	1,2
VAV-2-1	850	0	0.25"	10"	120/1Ø	TRANE VCCF10	1,2
VAV-1-8	550	0	0.25"	8"	120/1Ø	TRANE VCCF8	1,2

- NOTES:
- DDC CONTROLS
  - ZONE SENSOR WITH PUSHBUTTON OVERRIDE

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.	KVA	VOLT/PH	MCA			MOCP
FPB-1-1	1400	280	12"ø	0.25"	1400	280	1120	95	0.25"	045Q	1/3	13.0	460/3ø	26.4	30	TRANE VPEF12	1-5
FPB-1-2	1500	280	12"ø	0.25"	1500	280	1120	95	0.25"	045Q	1/3	13.0	460/3ø	26.4	30	TRANE VPEF12	1-5
FPB-1-3	1200	240	12"ø	0.25"	1200	240	960	95	0.25"	045Q	1/3	11.0	460/3ø	23.4	25	TRANE VPEF12	1-5
FPB-1-4	1000	200	10"ø	0.25"	1000	200	800	95	0.25"	035Q	1/3	9.0	460/3ø	18.9	20	TRANE VPEF10	1-5
FPB-1-5	1500	300	12"ø	0.25"	1500	300	1200	95	0.25"	045Q	1/3	14.0	460/3ø	27.8	30	TRANE VPEF12	1-5
FPB-1-6	800	160	8"ø	0.25"	400	160	240	95	0.25"	025Q	1/8	4.0	460/3ø	8.0	15	TRANE VPEF08	1-5
FPB-2-1	800	160	8"ø	0.25"	400	160	240	95	0.25"	025Q	1/8	4.0	460/3ø	8.0	15	TRANE VPEF08	1-5
FPB-2-2	1350	270	12"ø	0.25"	675	270	405	95	0.25"	035Q	1/3	7.0	460/3ø	15.8	20	TRANE VPEF12	1-5

- NOTES:
- PARALLEL FLOW FAN POWERED BOX
  - DDC CONTROLS
  - SINGLE POINT ELECTRICAL CONNECTION
  - UNIT MOUNTED DISCONNECT
  - ZONE SENSOR WITH PUSHBUTTON OVERRIDE

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	245	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:
- EXISTING RTU TO REMAIN
  - 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	1-3
EF-2	EXHAUST	TOILET	75	.25"	950	CEILING	49 WATTS/0.6A 120/1Ø	GREENHECK MODEL SP-A110	DIRECT	A	1-3
EF-3	EXHAUST	ELEC RM	400	.25"	1300	INLINE	1/25 120/1Ø	GREENHECK MODEL SQ-90	DIRECT	B	1-3

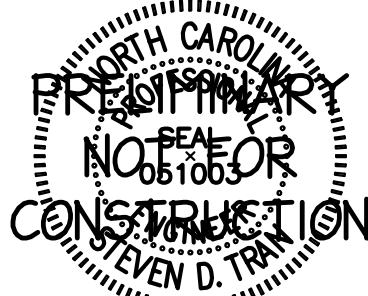
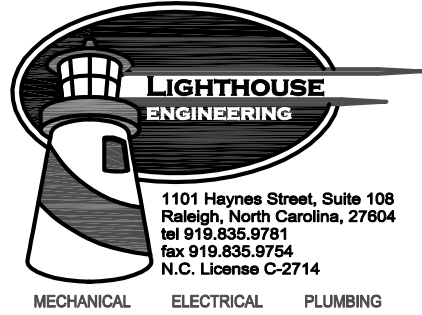
- NOTES:
- ROOF CAP W/SCREEN
  - BACKDRAFT DAMPER
  - INTEGRAL DISCONNECT SWITCH
  - CONTROL W/ ROOM LIGHTS
  - CONTROL W/ THERMOSTAT SET @ 85° F

DIFFUSER SCHEDULE											
SYMBOL	CFM	NECK SIZE	MODULE SIZE	FRAME TYPE	PATTERN	DAMPER	MATERIAL	SERVICE	FINISH	MANUFACTURER & MODEL NO.	NOTES
	AS NOTED	AS NOTED	4' LONG, 4' SLOT	LAY-IN	-	YES	STEEL	SUPPLY	NOTE 2	TITUS ML-39	1,3,4
	AS NOTED	AS NOTED	24x24	LAY-IN	4-WAY	YES	STEEL	SUPPLY	NOTE 2	TITUS TDC	1
	AS NOTED	AS NOTED	24x24	LAY-IN	-	NO	STEEL	RETURN	NOTE 2	TITUS PAR	1
	AS NOTED	AS NOTED	4' LONG, 2' SLOT	LAY-IN	-	NO	STEEL	SUPPLY	NOTE 2	TITUS ML-38	1,3,4
	AS NOTED	AS NOTED	AS NOTED	SURFACE	EGGCRATE	NO	STEEL	RETURN	NOTE 2	TITUS 50R	1
	AS NOTED	AS NOTED	12x12	LAY-IN	4-WAY	YES	STEEL	SUPPLY	NOTE 2	TITUS TDC	1
	AS NOTED	AS NOTED	AS NOTED	SURFACE	EGGCRATE	NO	STEEL	RETURN	NOTE 2	TITUS 50R-NT	1
	AS NOTED	AS NOTED	4' LONG, 2' SLOT	LAY-IN	-	NO	STEEL	RETURN	NOTE 2	TITUS MLRF-38	1
	AS NOTED	AS NOTED	4' LONG, 1' SLOT	LAY-IN	-	NO	STEEL	SUPPLY	NOTE 2	TITUS ML-38	1,3,4
	AS NOTED	AS NOTED	24x24	LAY-IN	2-WAY	YES	STEEL	SUPPLY	NOTE 2	TITUS TDC	1

- NOTES:
- DIFFUSER DESIGNATIONS ON PLANS AS FOLLOWS:  
DIFFUSER OR NECK SIZE. 8x4 DIFFUSER TYPE AS NOTED ABOVE  
AIR QUANTITY 75
  - FINISH TO MATCH / BE ABLE MATCH CEILING OR WALL OR DOOR.
  - PROVIDE INSULATED PLENUM BOX
  - 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

Drawing Sheet List	
#	Title
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



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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

## MECHANICAL LEGEND, NOTES, AND SCHEDULES

SHEET

# M0-01

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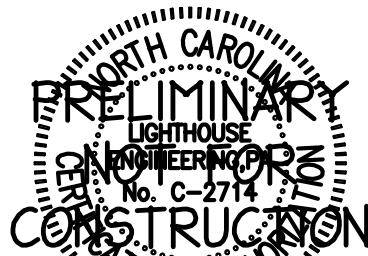
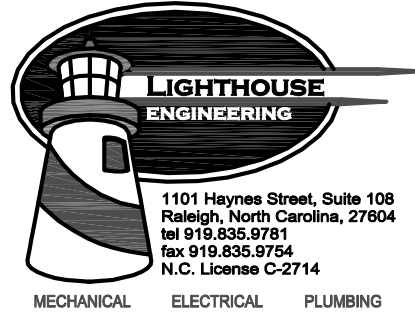


TAGGED NOTES - THIS SHEET

- 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"



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PROJECT

ISG RALEIGH  
BUILD OUT

RALEIGH NORTH CAROLINA

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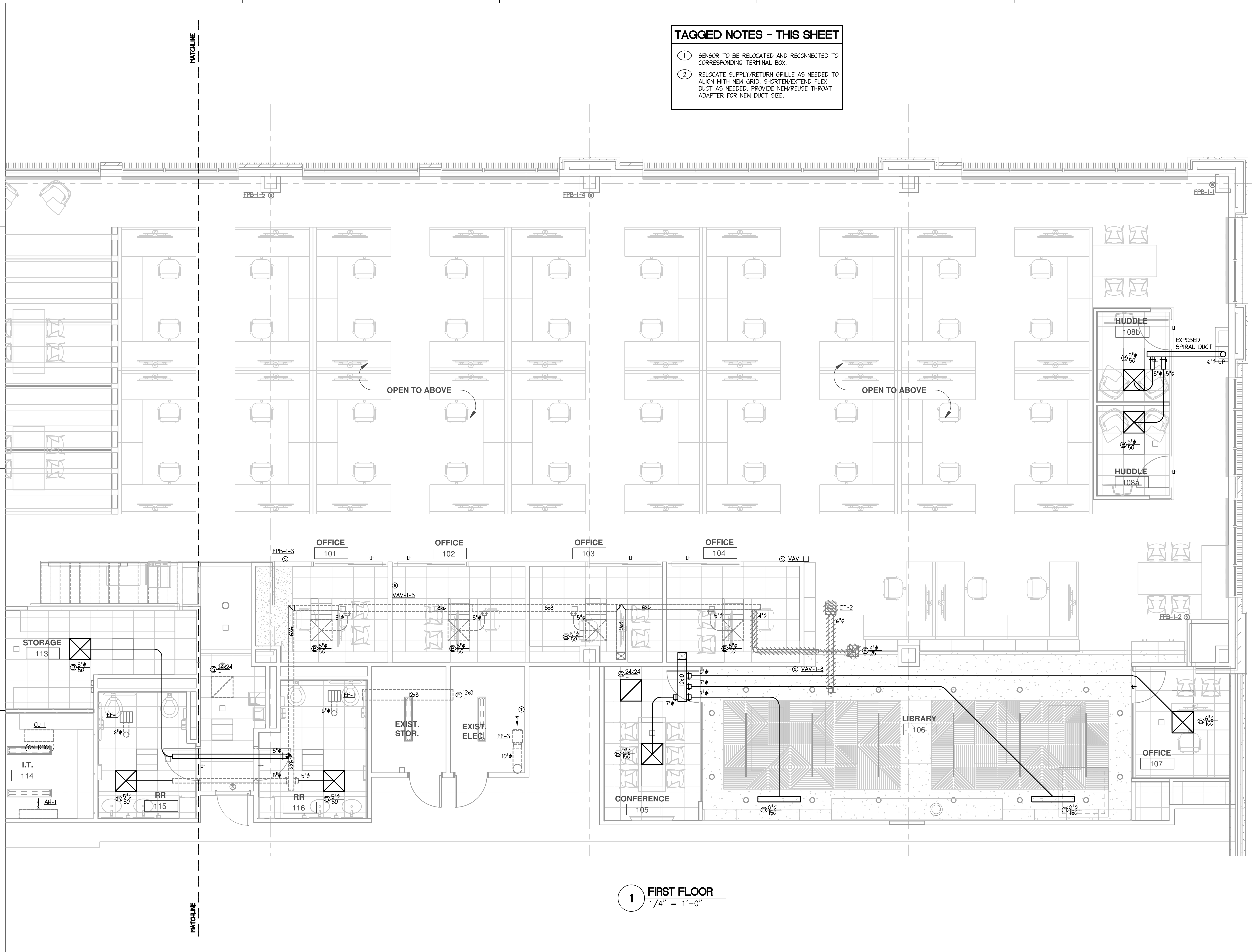
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TITLE  
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PLANS -  
FIRST FLOOR

SHEET

M1-01A

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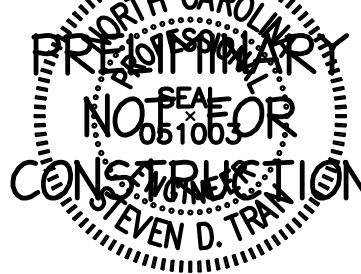
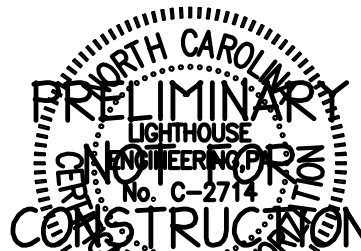
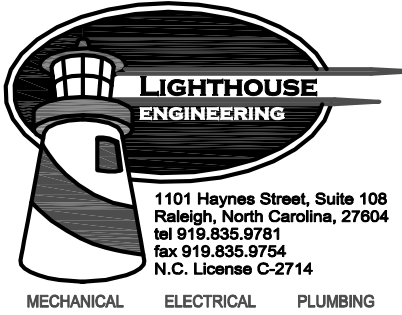
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- 1 SENSOR TO BE RELOCATED AND RECONNECTED TO CORRESPONDING TERMINAL BOX.
- 2 RELOCATE SUPPLY/RETURN GRILLE AS NEEDED TO ALIGN WITH NEW GRID. SHORTEN/EXTEND FLEX DUCT AS NEEDED. PROVIDE NEW/REUSE THROAT ADAPTER FOR NEW DUCT SIZE.

1

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

ISG



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PROJECT

### ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

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TITLE  
**MECHANICAL  
PLANS -  
FIRST FLOOR**

SHEET

**M1-01B**

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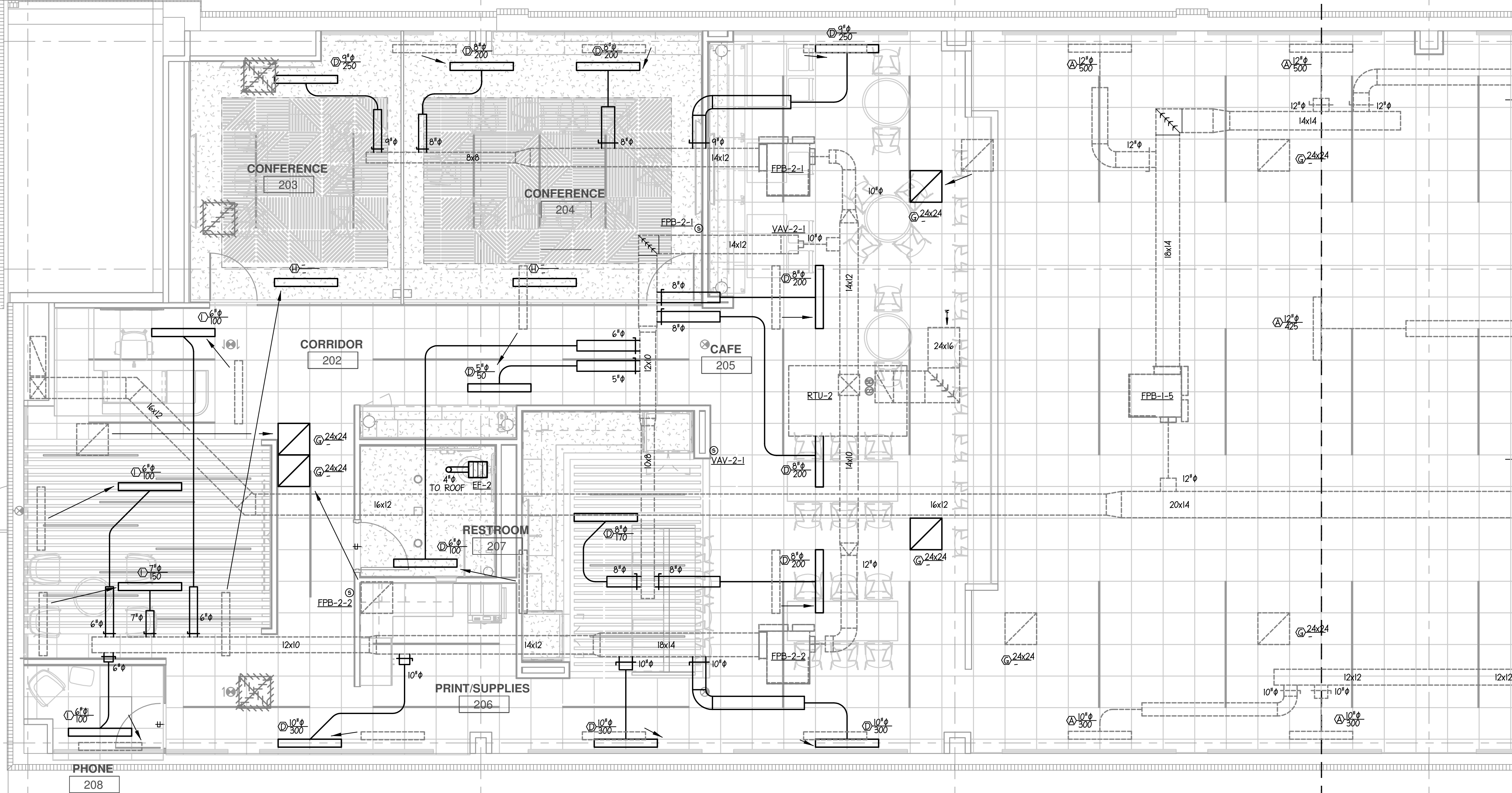


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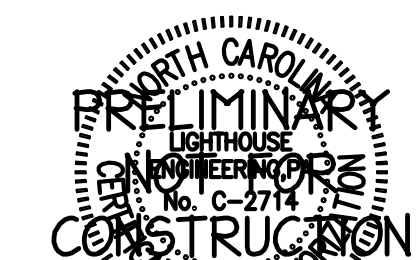
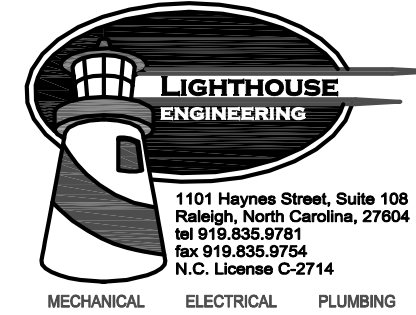
11

12



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

ISG



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PROJECT

ISG RALEIGH  
BUILD OUT

RALEIGH NORTH CAROLINA

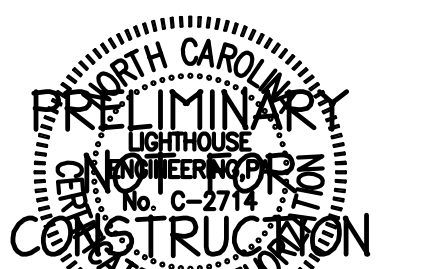
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TITLE  
MECHANICAL  
PLANS -  
SECOND FLOOR

SHEET

M1-02A



PROJECT

# ISG RALEIGH BUILD OUT

RALEIGH	NORTH CAROLINA
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# TITLE

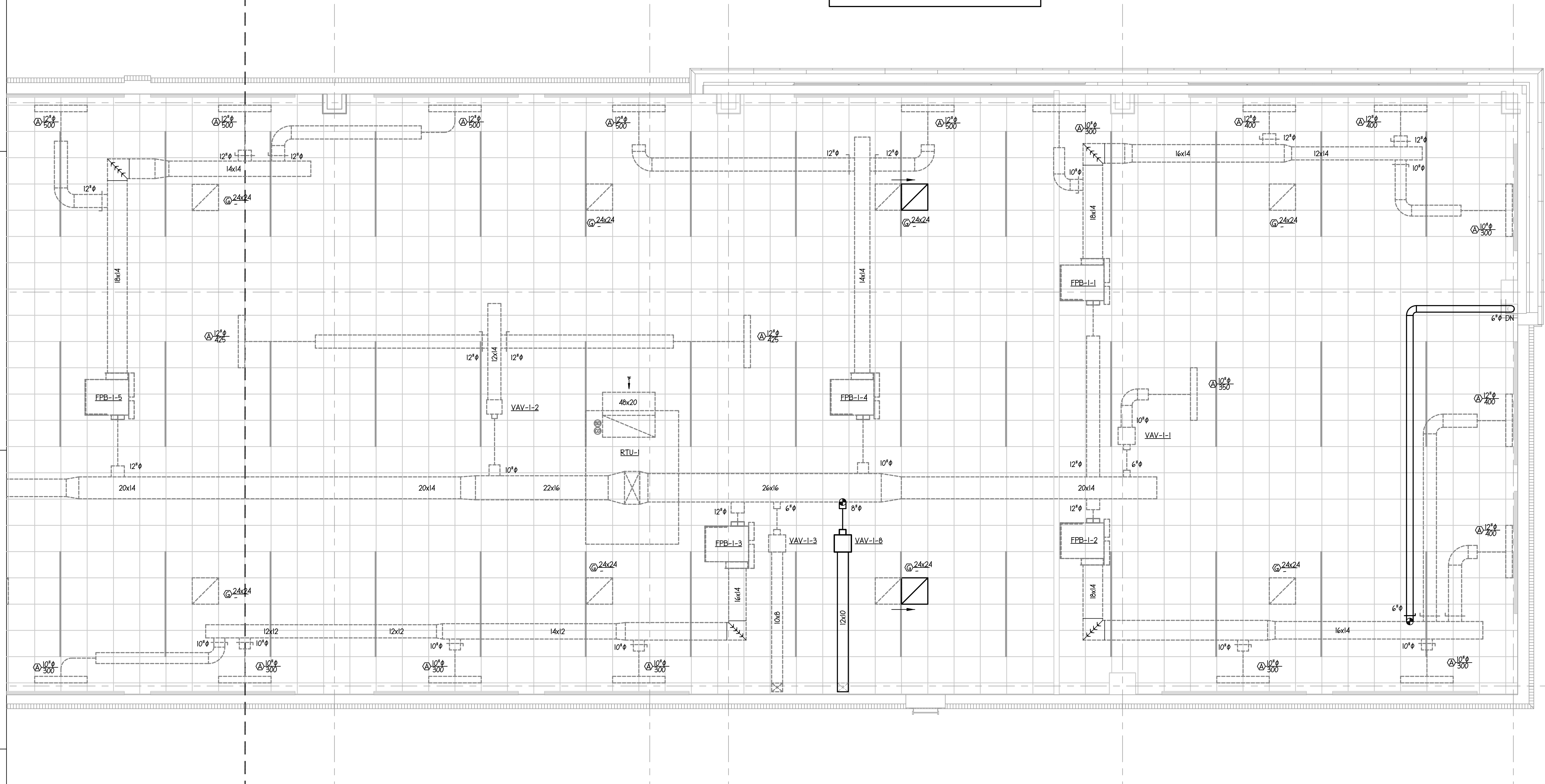
## MECHANICAL PLANS - SECOND FLOOR

SHEET

# M1-02B

**PRELIMINARY NOT FOR CONSTRUCTION**

- 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.



1

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



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

- ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL AND STATE CODES.
- 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.
- 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.
- ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR ONE YEAR EFFECTIVE THE DAY THE PROJECT IS ACCEPTED BY THE OWNER.
- ELECTRICAL CONTRACTOR SHALL MAKE ALL ELECTRICAL POWER CONNECTIONS TO HVAC, PLUMBING AND OTHER EQUIPMENT AS REQUIRED.
- A COMPLETE GROUNDING SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH ARTICLE 250 OF THE NEC, AND AS SHOWN ON THE DRAWINGS.
- ALL CUTTING AND PATCHING OF WALLS AND FLOORS FOR ELECTRICAL EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- 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.
- 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.
- PROVIDE A PULLWIRE IN ALL EMPTY CONDUITS.
- 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.
- 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.
- ALL TERMINALS/LUGS SHALL BE 60/75' RATED. ALL TERMINALS, SPLICING CONNECTORS, LUGS, ETC SHALL BE IDENTIFIED FOR USE WITH THE MATERIAL (CU/AL) OF THE CONDUCTOR AND SHALL BE PROPERLY INSTALLED.
- E.C. TO VERIFY DEVICE PLATE COLOR AND MATERIAL WITH ARCHITECT PRIOR TO PURCHASE.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL ELECTRICAL EQUIPMENT FROM FOREIGN MATERIAL DURING CONSTRUCTION (PAINT, SPACKLE, ETC.).
- 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.
- 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.
- 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.
- E.C. SHALL PROVIDE PLAQUES AT SERVICE EQUIPMENT PER DESIGNATIONS ON THE RISER DIAGRAMS.
- SERVICE EQUIPMENT SHALL BE LABELED PER NEC 110.24(A).
- OUTLETS SHALL BE STAGGERED BETWEEN STUDS TO REDUCE SOUND TRANSMISSION.
- ALL WIRING AND CABLES RUN ABOVE THE CEILING SHALL BE PLENUM RATED OR IN METAL CONDUIT.
- 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.

## ELECTRICAL DEMOLITION NOTES

- 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.
- 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.
- MATERIAL BEING REMOVED UNDER DEMOLITION (AND NOT TO BEING RELOCATED) SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED COMPLETELY FROM THE SITE, UNLESS OTHERWISE NOTED.
- 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.
- ABANDONED DEVICES SHALL BE REMOVED WITH THE JUNCTION BOX. WALLS SHALL BE PATCHED TO MATCH ADJACENT SURFACES.
- 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.
- SCHEDULE WORK IN EXISTING BUILDING AT TIME CONVENIENT TO OWNER.
- 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)

- 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 C408.3.1.1, C408.3.1.2 AND C408.3.1.3, AS APPROPRIATE.
- DOCUMENTATION INCLUDING AS-BUILT CONSTRUCTION DRAWINGS, CUTSHEETS, MANUALS, ADJUSTMENT SETTINGS, CALIBRATION REQUIREMENTS, TEST REPORTS, A NARRATIVE OF SYSTEM INTENDED OPERATION AND THE COMMISSIONING AGENTS 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

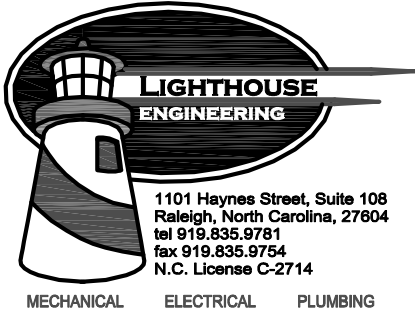
#	Title
E0-01	ELECTRICAL LEGEND AND NOTES
E0-02	ELECTRICAL FIXTURE SCHEDULES
E1-01A	ELECTRICAL LIGHTING PLANS - FIRST FLOOR
E1-01B	ELECTRICAL LIGHTING PLANS - FIRST FLOOR
E1-02A	ELECTRICAL LIGHTING PLANS - SECOND FLOOR
E1-02B	ELECTRICAL LIGHTING PLANS - SECOND FLOOR
E2-01A	ELECTRICAL POWER PLANS - FIRST 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, 46" A.F.F. TO CENTER.  
"3" INDICATES 3-WAY SWITCH.  
"4" INDICATES 4-WAY SWITCH.  
"D" INDICATES DIMMER SWITCH OF TYPE TO SUIT LOAD.  
"U" INDICATES HINGE MOUNTED PUSH OFF SWITCH.  
"K" INDICATES KEY OPERATED SWITCH.  
"M" INDICATES 120V, 20A MOTOR RATED TOGGLE SWITCH.
- INDICATES FLUORESCENT FIXTURES DUAL SWITCHED, INBOARD/OUTBOARD SWITCHED SEPARATELY.
- SINGLE RECEPTACLE, 20 AMP, 120 VOLT, 18" A.F.F. TO CENTER.
- DUPLEX RECEPTACLE, 15 AMP, 120 VOLT, 18" A.F.F. TO CENTER.  
"GFI" INDICATES GROUND FAULT CIRCUIT INTERRUPTER TYPE.  
"WP" INDICATES WEATHERPROOF.  
"EW" INDICATES MOUNT GFI RECEPTACLE INSIDE ENCLOSURE OF ELECTRIC WATER COOLER.  
"USB" INDICATES STANDARD 120V RECEPTACLE WITH 2 USB PORTS INCLUDED.
- QUADRUPLX RECEPTACLE, AS ABOVE, 18" A.F.F.
- DUPLEX RECEPTACLE, AS ABOVE, SPLIT WIRED, TOP HALF SWITCHED, 18" A.F.F.
- DUPLEX RECEPTACLE, AS ABOVE, MOUNTED 6" ABOVE COUNTER TOP OR 4" ABOVE BACKSPASH, AS APPROPRIATE, OR AT HEIGHT INDICATED.
- DUPLEX RECEPTACLE, AS ABOVE, MOUNTED 6" ABOVE COUNTER TOP OR 4" ABOVE BACKSPASH, AS APPROPRIATE, OR AT HEIGHT INDICATED, WITH GFI PROTECTION.
- RECESSED FLUSH FLOOR DUPLEX RECEPTACLE WITH BRASS COVERPLATE. COORDINATE EXACT FINISH WITH ARCHITECT AND OWNER.
- 208V RECEPTACLE, SEE PLANS FOR NEMA CONFIGURATION.
- TELEPHONE OUTLET, 18" A.F.F. TO CENTER OR ALIGN MOUNTING HEIGHT WITH ADJACENT DEVICE, UNLESS OTHERWISE NOTED. PROVIDE 3/4" CONDUIT TO ACCESSIBLE CEILING. ALIGN MOUNTING HEIGHT WITH ADJACENT DEVICE.
- DATA OUTLET, 18" A.F.F. TO CENTER OR ALIGN MOUNTING HEIGHT WITH ADJACENT DEVICE, UNLESS OTHERWISE NOTED. PROVIDE 1" CONDUIT TO ACCESSIBLE CEILING.
- TELEPHONE/DATA OUTLET, 18" A.F.F. TO CENTER OR ALIGN MOUNTING HEIGHT WITH ADJACENT DEVICE, UNLESS OTHERWISE NOTED. PROVIDE 1" CONDUIT TO ACCESSIBLE CEILING.  
"WAP" INDICATES 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.  
"FPN" INDICATES FUSE PER EQUIPMENT NAMEPLATE  
"NF" INDICATES NON-FUSED.  
"MS" 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 CABLEING BACK TO SERVICE TERMINATION POINT.
- WALL MOUNTED JUNCTION BOXES FOR POWER AND DATA. PROVIDE CONNECTION OF WHIPS FROM MODULAR FURNITURE. E.C. SHALL COORDINATE WITH FURNITURE PROVIDER. DATA CONDUIT SHALL RUN BACK TO I.T. 114.
- 3" FIRE-RATED CONCRETE FLOOR POKETHROUGH FOR POWER AND DATA. PROVIDE CONNECTION OF WHIPS FROM MODULAR FURNITURE MANUFACTURER. E.C. SHALL COORDINATE WITH FURNITURE PROVIDER. DEVICE SHALL BE EQUAL TO HUBBELL SYSTEM-ONE FURNITURE FEED FRPT WITH BLACK COVER; PROVIDE 1/2" POWER CONDUIT AND 1-1/2" DATA CONDUIT. DATA CONDUIT SHALL RUN BACK TO I.T. 114.
- 4" FIRE-RATED CONCRETE FLOOR POKETHROUGH FOR POWER AND DATA. DEVICE SHALL BE EQUAL TO HUBBELL SYSTEM-ONE 4-INCH CORE WITH BLACK COVER; PROVIDE WITH 3/4" POWER CONDUIT AND 1" DATA CONDUIT. DATA CONDUIT SHALL RUN BACK TO I.T. 114.

## MOTION SENSOR SCHEDULE

- WALL SWITCH PASSIVE INFRARED AND MICROPHONIC OCCUPANCY SENSOR SENSOR SWITCH MODEL WSD PDT. TIME DELAYS 10 MINUTES FOR ON/OFF.
- WALL OR CEILING MOUNTED PASSIVE INFRARED OCCUPANCY SENSOR SENSOR SWITCH MODEL HW 13. TIME DELAYS 10 MINUTES FOR ON/OFF.
- CEILING MOUNTED PASSIVE INFRARED AND MICROPHONIC OCCUPANCY SENSOR SENSOR SWITCH MODEL CM PDT 9. TIME DELAYS 10 MINUTES FOR ON/OFF.
- CEILING MOUNTED PASSIVE INFRARED AND MICROPHONIC OCCUPANCY SENSOR SENSOR SWITCH MODEL CM PDT 10. TIME DELAYS 30 MINUTES FOR ON/OFF.
- CORNER MOUNTED PASSIVE INFRARED OCCUPANCY SENSOR SENSOR SWITCH MODEL WV 16. TIME DELAYS 10 MINUTES FOR ON/OFF.
- CORNER MOUNTED PASSIVE INFRARED OCCUPANCY SENSOR SENSOR SWITCH MODEL WV 16 R P. TIME DELAYS 10 MINUTES FOR ON/OFF.
- CORNER MOUNTED PASSIVE INFRARED AND MICROPHONIC OCCUPANCY SENSOR SENSOR SWITCH MODEL WV PDT 16 R P. TIME DELAYS 10 MINUTES FOR ON/OFF.
- WALL SWITCH PASSIVE INFRARED OCCUPANCY SENSOR SENSOR SWITCH MODEL WSD. TIME DELAYS 10 MINUTES FOR ON/OFF.
- CEILING MOUNTED PASSIVE INFRARED AND MICROPHONIC OCCUPANCY SENSOR SENSOR SWITCH MODEL CM PDT 10. TIME DELAYS 10 MINUTES FOR ON/OFF.
- THE MOTION SENSOR LAYOUT SHALL BE REVIEWED AND ADJUSTED BY THE ACTUAL DEVICE MANUFACTURER WHICH THE CONTRACTOR SELECTS. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR THE SYSTEM TO THE ENGINEER FOR REVIEW, PRIOR TO PURCHASE AND INSTALLATION.



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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 JRS

DESIGNED BY JRS

REVIEWED BY NHS

ORIGINAL ISSUE DATE 11/07/25

CLIENT PROJECT NO. 25-32986

TITLE

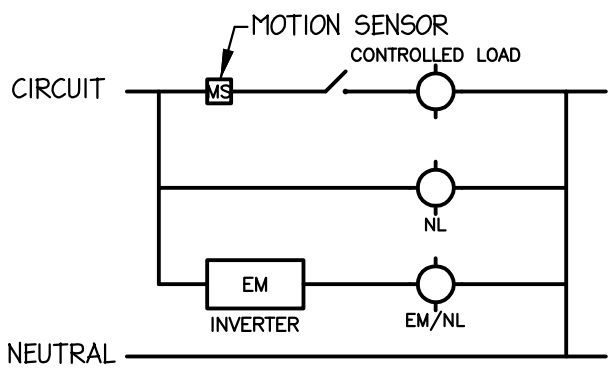
## ELECTRICAL LEGEND AND NOTES

SHEET

E0-01

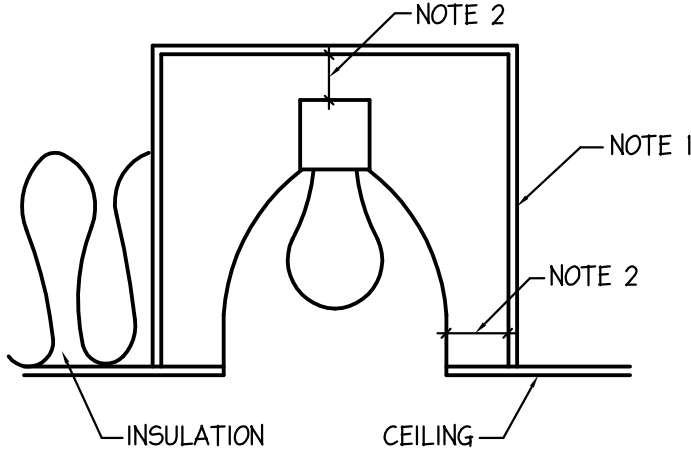
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MOTION SENSOR AHEAD OF LOCAL SWITCHING FOR CONTROLLED FIXTURES ONLY.

1 LIGHTING CONTROLS  
NTS

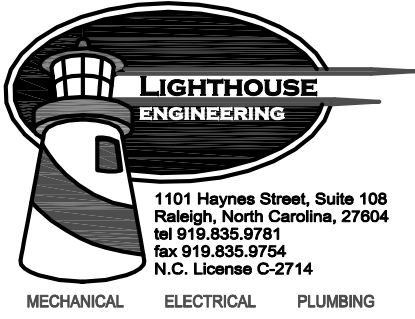


2 RECESSED FIXTURE DETAIL  
DIAGRAMMATIC ONLY

NOTES:

- CONTRACTOR SHALL BUILD A 5/8" TYPE X GYPBOARD 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 GYPBOARD AND FIXTURE HOUSING.
- PROGRESS LIGHTING FIREBOX SERIES OR EQUIVALENT TYPE FIXTURES MAY BE USED IN LIEU OF THE SYSTEM DESCRIBED ABOVE WHERE APPLICABLE.

LIGHTING FIXTURE SCHEDULE											
MARK	MANUF.	CATALOG NUMBER	LAMP DATA		VOLTS	BALLAST DATA		INPUT WATTS	MOUNTING	DESCRIPTION	
			NO.	TYPE		NO.	TYPE				
A	H.E. WILLIAMS	DI-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-4RLI-D750-H90-35K-UNV-DIM1-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 SCONE ALL BLACK	2	4W 20W E12	120	-	-	8	WALL (HEIGHT BY ARCH)	CAFE SEATING - LED WALL SCONE; 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-S-935-SSA-277-SC-FC-10%-SW	-	LED 3500K	277	-	-	9/FT	WALL	CAFE SEATING, HOSPITALITY BAR AREA - RECESSED PERIMETER LED WALL GRAZER; 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	120	-	-	120	WALL (HEIGHT BY ARCH)	CAFE SEATING - LED WALL SCONE.	
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	-	-	120	UNISTRUT	ENTRY AT FIRST FLOOR - DIRECT/INDIRECT LED.	
P	VISUAL COMFORT & CO.	KW 2282BZ-EC	-	LED	120	-	-	9	WALL (HEIGHT BY ARCH)	VANITY - LED WALL SCONE WITH BRONZE FINISH AND ETCHED CRYSTAL GLASS.	
T	TBD	TBD	-	LED	UNV	-	-	-	RECESSED	LIBRARY - TEMPERATURE CONTROLLED LIGHTING.	
EX	MULE	PVT - GC 120/277	-	LED	120/277	-	-	14	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	-	-	120/277	-	-	-	SURFACE	EMERGENCY GENERATOR TRANSFER DEVICE. SEE LIGHTING PLANS FOR LOCATIONS, CIRCUITS ARE DESIGNATED WITH E-LI-"X".	
AA	LITHONIA	C 2 32 MVOLT ES	2	F32 T8	MULTI	I	ELECTRONIC	64	CABLE	48" GENERAL PURPOSE STRIP LIGHTING FIXTURE. RELOCATED FIXTURES IN I.T. 114 TO BE MOUNTED AT 8'-0" AFF WITH AIRCRAFT CABLE.	
CF-I	CREE	ZR22 32L 35K 10V	-	35W LED	MULTI	-	-	35	RECESSED	2'x2' LAY-IN LED TROFFER.	
RC-I	JUNO	SD506 28302 SASF 3 PD	-	LED	277	-	-	49	RECESSED	6" SQUARE LED DOWNLIGHT.	
SM-I	KENALL	MR13FFL PP MB 20L50K 1 DCC DV	-	LED	277	-	-	20	SURFACE	FLAT FACE LOW PROFILE SURFACE LED; COORDINATE FINISH WITH ARCHITECT.	
LIGHTING FIXTURE SCHEDULE NOTES:											
I. 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).											
2. EXIT AND EMERGENCY LIGHTING FIXTURES SHALL BE CIRCUITED TO AN UNSWITCHED LEG OF THE LOCAL LIGHTING CIRCUIT, UNLESS NOTED OTHERWISE.											
3. PROVIDE DISCONNECT FOR LUMINAIRES WITH LINEAR FLUORESCENT LAMPS AND/OR SERVICEABLE BALLASTS PER NEC 410.130(G).											
4. 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.											
5. COLOR TEMPERATURES OF LED LAMPS AND TRIMS SHALL BE CONFIRMED WITH THE ARCHITECT; GENERAL BASIS OF DESIGN IS 90CRI AND 3500K.											
6. CLEAN AND RELAMP ALL EXISTING FIXTURES PRIOR TO OWNER SIGN-OFF.											
7. ALL RECESSED LIGHTS SHALL BE CENTERED IN RESPECTIVE CEILING TILE, UON.											
8. COORDINATE PENDANT LIGHT FIXTURE LOCATIONS WITH ARCHITECT.											
9. COORDINATE SPEAKER LOCATIONS WITH AV VENDOR/SYSTEM INSTALLER AND ARCHITECT.											
10. CONTRACTOR TO VERIFY QUANTITIES.											
II. 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 405											
THIS PROJECT IS CLASSIFIED AS - <input type="checkbox"/> RESIDENTIAL <input checked="" type="checkbox"/> COMMERCIAL (SEE BELOW)											
LIGHTING POWER DENSITY CALCULATION COMPLIANCE						DESIGNER STATEMENT:					
INTERIOR LIGHTING POWER DENSITY CALCULATION PER TABLE 405.4.2. SEE LIGHTING FIXTURE SCHEDULE FOR FIXTURE INFORMATION.						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.					
INTERIOR WATTAGE SPECIFIED VS. ALLOWED _____ X VS. X _____						SIGNED: _____					
EXTERIOR LIGHTING POWER DENSITY CALCULATION PER TABLE 405.6.2. SEE LIGHTING FIXTURE SCHEDULE FOR FIXTURE INFORMATION.						NAME: HEATH SMITH, PE					
TRADABLE EXTERIOR WATTAGE SPECIFIED VS. ALLOWED _____ EXIST VS. EXIST _____						TITLE: ELECTRICAL ENGINEER					
NONTRADABLE EXTERIOR WATTAGE SPECIFIED VS. ALLOWED _____ NA VS. NA _____											
SECTION 406 COMPLIANCE - <input type="checkbox"/> N/A <input type="checkbox"/> 406.11 <input checked="" type="checkbox"/> 406.12 <input type="checkbox"/> 406.13 <input type="checkbox"/> 406.14 <input type="checkbox"/> 406.15 <input type="checkbox"/> 406.16											



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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 JRS

DESIGNED BY JRS

REVIEWED BY NHS

ORIGINAL ISSUE DATE 11/07/25

CLIENT PROJECT NO. 25-32986

TITLE  
ELECTRICAL  
FIXTURE  
SCHEDULES

SHEET

E0-02



00-250416-01A ELECTRICAL LIGHTING PLANS FIRST FLOOR.dwg  
Nov 07, 2025 2:31pm

GENERAL NOTES: (ELECTRICAL LIGHTING PLANS)

- 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.
- 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.
- 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.
- 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.
- 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.
- G.C. TO COORDINATE "BOX WALK" FOR APPROVAL OF ALL DEVICE LOCATIONS WITH OWNER PRIOR TO BEGINNING ROUGH-IN WORK.
- PROVIDE RIGID SUPPORT FOR ALL PENDANT LIGHT FIXTURES; PAINT TO MATCH CEILING AS REQUIRED.
- PAINT ALL EXPOSED STRUCTURE, DUCTWORK, CONDUIT, ETC. OVERHEAD, COLOR AS SELECTED BY OWNER.

TAGGED NOTES: (ELECTRICAL POWERING PLANS)

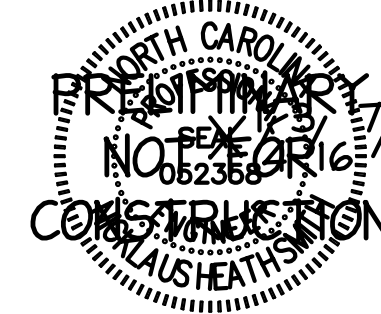
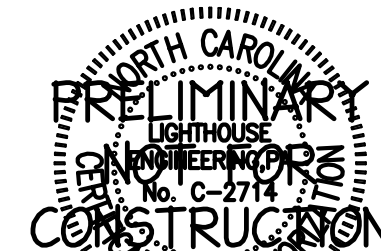
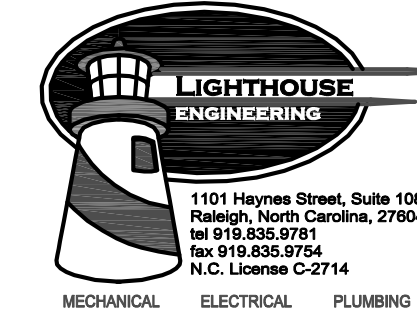
1. COORDINATE EXISTING POWERING PLANS WITH ARCHITECT AND OWNER PRIOR TO BEGINNING WORK. PERMIT, IS ADEQUATE AND FULLY OPERATIONAL. CLEAN AND RELAMP FIXTURES AS REQUIRED EXCEPT WHERE NOTED OTHERWISE. COORDINATE WITH AREA INSTALLATION REQUIRED.

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.

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

ISG



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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 JRS  
DESIGNED BY JRS  
REVIEWED BY NHS  
ORIGINAL ISSUE DATE 11/07/25  
CLIENT PROJECT NO. 25-32986

TITLE  
ELECTRICAL  
LIGHTING PLANS  
- FIRST FLOOR

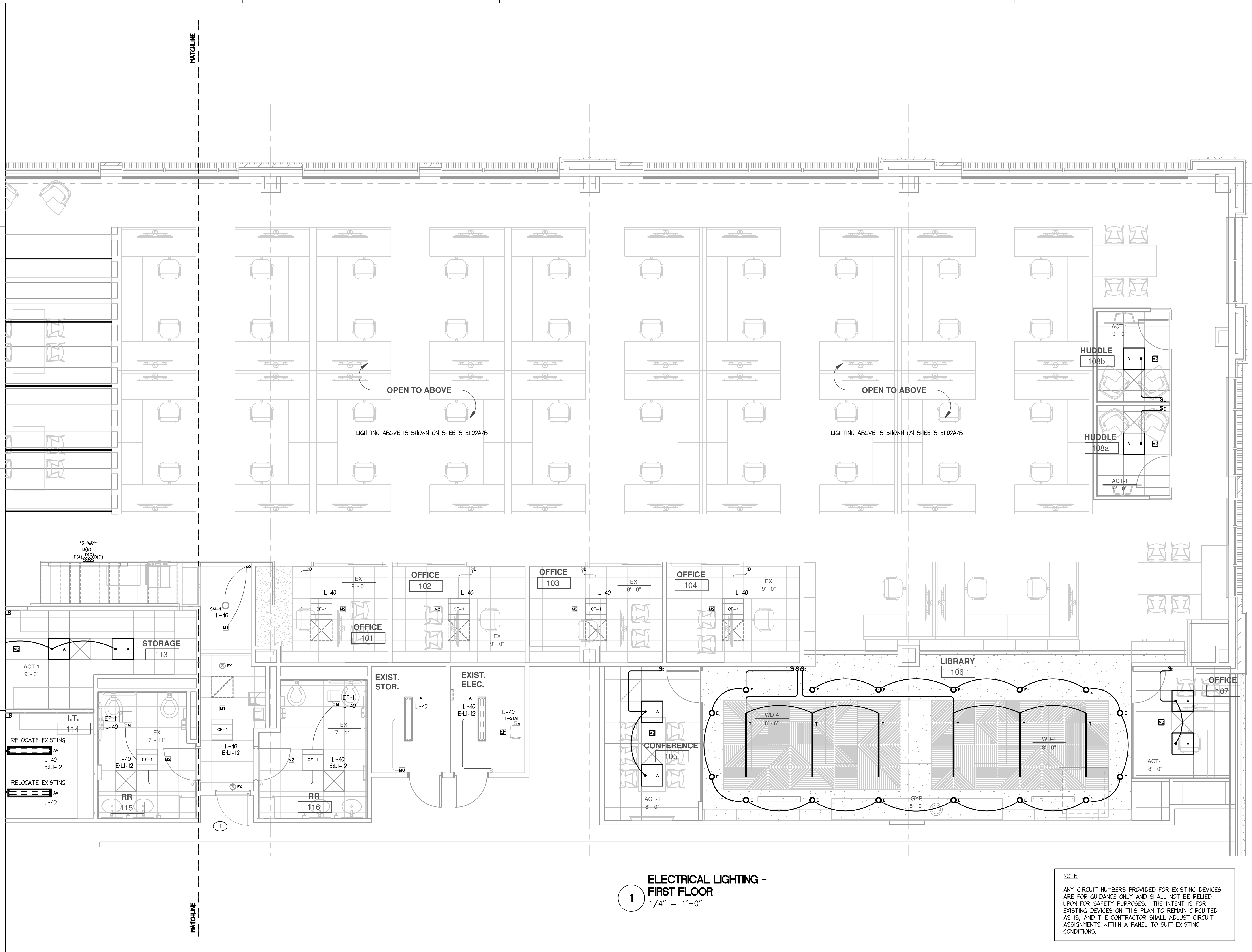
SHEET

E1-01A

PRELIMINARY NOT FOR CONSTRUCTION PRELIMINARY NOT FOR CONSTRUCTION PRELIMINARY NOT FOR CONSTRUCTION

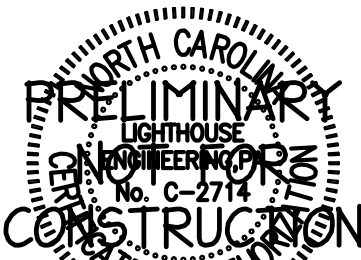
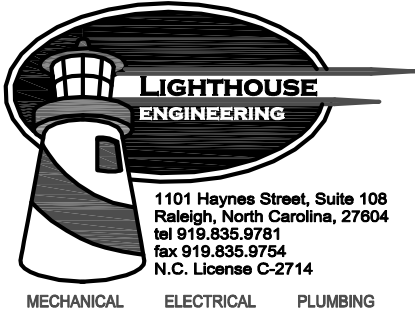


90-2504-E-01B-ELECTRICAL LIGHTING PLANS FIRST FLOOR.dwg  
Nov 07, 2025 2:31pm



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

**NOTE:**  
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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

REVISION SCHEDULE		
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**

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00-25041-02A-ELECTRICAL LIGHTING PLANS-SECOND FLOOR.dwg  
Nov 07, 2025 3:31pm

GENERAL NOTES: (ELECTRICAL LIGHTING PLANS)

- 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.
- 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.
- 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.
- 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.
- 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.
- G.C. TO COORDINATE "BOX WALK" FOR APPROVAL OF ALL DEVICE LOCATIONS WITH OWNER PRIOR TO BEGINNING ROUGH-IN WORK.
- PROVIDE RIGID SUPPORT FOR ALL PENDANT LIGHT FIXTURES; PAINT TO MATCH CEILING AS REQUIRED.
- PAINT ALL EXPOSED STRUCTURE, DUCTWORK, CONDUIT, ETC. OVERHEAD, COLOR AS SELECTED BY OWNER.

TAGGED NOTES: (ELECTRICAL LIGHTING PLANS)

- 1 E.C. TO FIELD VERIFY EXISTING NORMAL AND EMERGENCY EGRESS LIGHTING, PROVIDED UNDER PREVIOUS SHELL PERMIT, IS ADEQUATE AND FULLY OPERATIONAL. CLEAN AND RELAMP FIXTURES AS REQUIRED. IF NOT EXISTING, E.C. TO PROVIDE AND INSTALL AS REQUIRED.

NOTE:

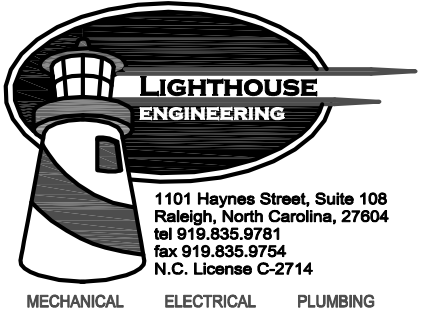
ANY CIRCUIT NUMBERS PROVIDED FOR EXISTING DEVICES ARE FOR GUIDANCE ONLY AND SHALL NOT BE RELIED UPON FOR SAFETY PURPOSES. THE INTENT IS FOR EXISTING DEVICES ON THIS PLAN TO REMAIN CIRCUITED AS IS, AND THE CONTRACTOR SHALL ADJUST CIRCUIT ASSIGNMENTS WITHIN A PANEL TO SUIT EXISTING CONDITIONS.

ELECTRICAL LIGHTING -  
SECOND FLOOR

1

1/4" = 1'-0"

ISG



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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 JRS

DESIGNED BY JRS

REVIEWED BY NHS

ORIGINAL ISSUE DATE 11/07/25

CLIENT PROJECT NO. 25-32986

TITLE

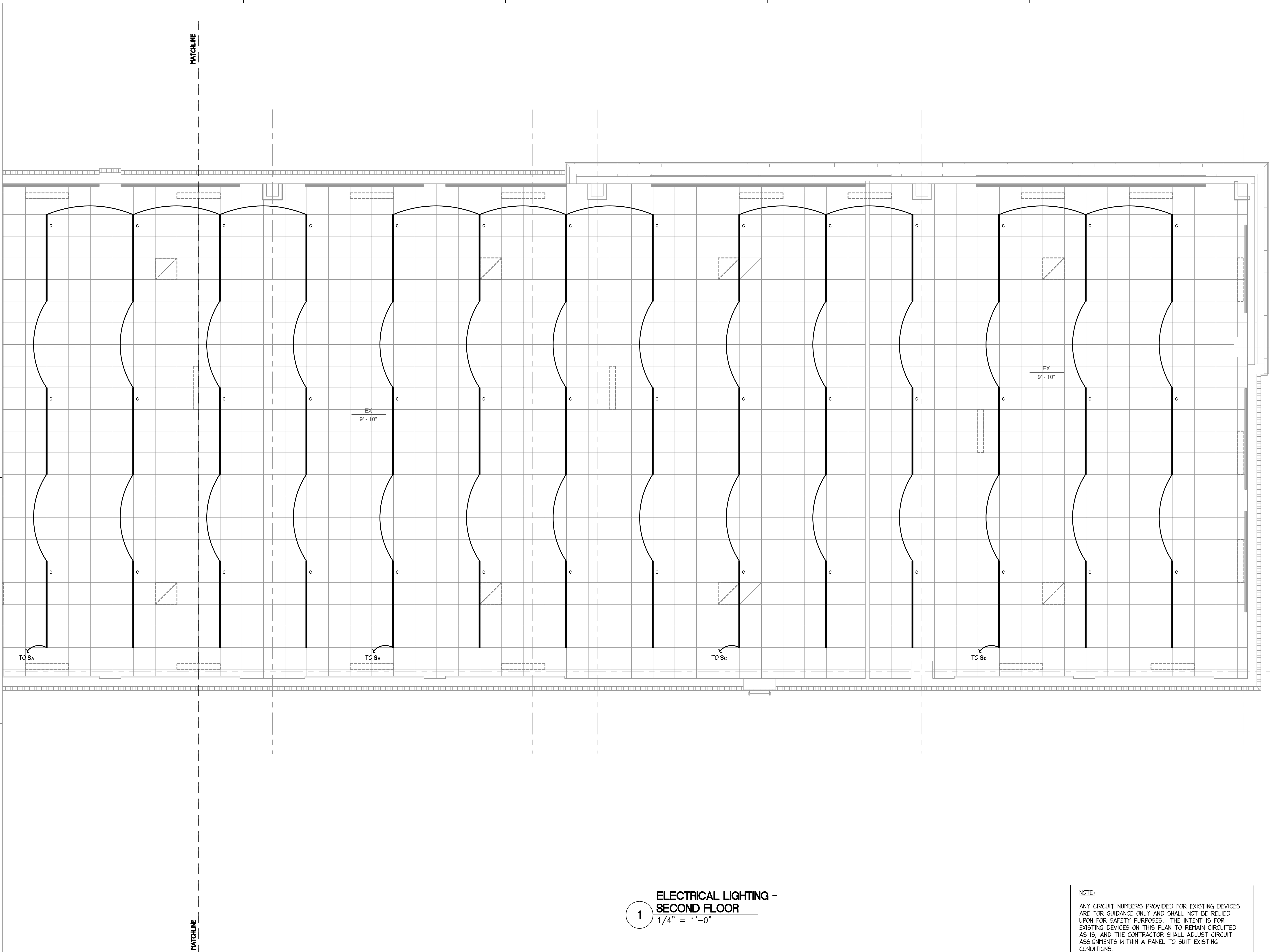
ELECTRICAL  
LIGHTING PLANS  
- SECOND FLOOR

SHEET

E1-02A

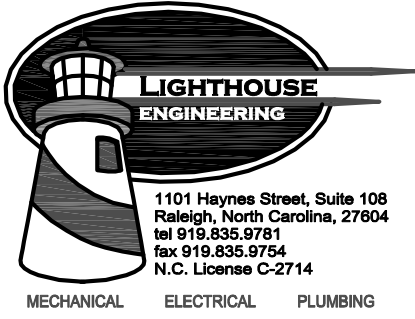
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ISG-2504-E-02B-ELECTRICAL LIGHTING PLANS-SECOND FLOOR.dwg  
Nov 07, 2025 2:31pm



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

NOTE:  
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PROJECT

**ISG RALEIGH  
BUILD OUT**

RALEIGH NORTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

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REVIEWED BY	NHS
ORIGINAL ISSUE DATE	11/07/25
CLIENT PROJECT NO.	25-32986

TITLE  
**ELECTRICAL  
LIGHTING PLANS  
- SECOND FLOOR**

SHEET  
**E1-02B**

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00-2004201A-ELECTRICAL POWER RANGING FLOOR.dwg  
Nov 07, 2025 2:31pm

GENERAL NOTES: (ELECTRICAL POWER PLANS)

- 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.
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- 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 KEEP CONFLICTS TO A MINIMUM.
- ALL CIRCUITS ARE SHOWN TO PANEL "PA", UON.
- ALL DATA OUTLETS TO BE DUPLEX, UON.
- 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.
- CONTRACTOR SHALL BOND ALL CABLE TRAY, RACEWAYS, AND EQUIPMENT RACKS IN SERVER I2I PER NEC 392.60(C).
- 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)

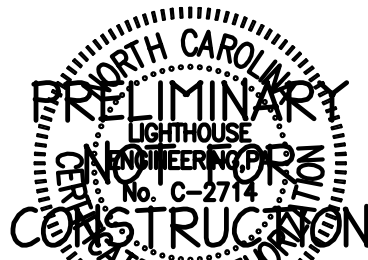
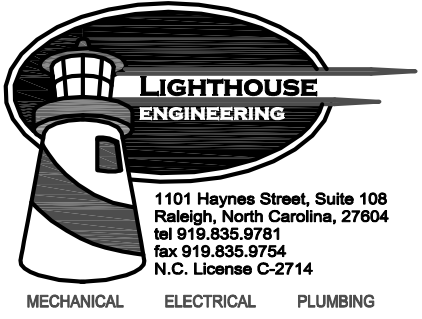
- COORDINATE EXACT ROOM LAYOUT AND ELECTRICAL REQUIREMENTS WITH TENANT/I.T. DEPT. PRIOR TO BEGINNING WORK.
- CONFIRM EXACT MOUNTING AND LOCATION IN THIS AREA WITH MILLWORK.
- PROVIDE ELECTRICAL CONNECTION FOR MOTORIZED SHADE, SEE ARCHITECTURAL PLANS AND ELEVATIONS FOR FURTHER INFORMATION. COORDINATE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

NOTE:

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

ISG



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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 JRS

DESIGNED BY JRS

REVIEWED BY NHS

ORIGINAL ISSUE DATE 11/07/25

CLIENT PROJECT NO. 25-32986

TITLE

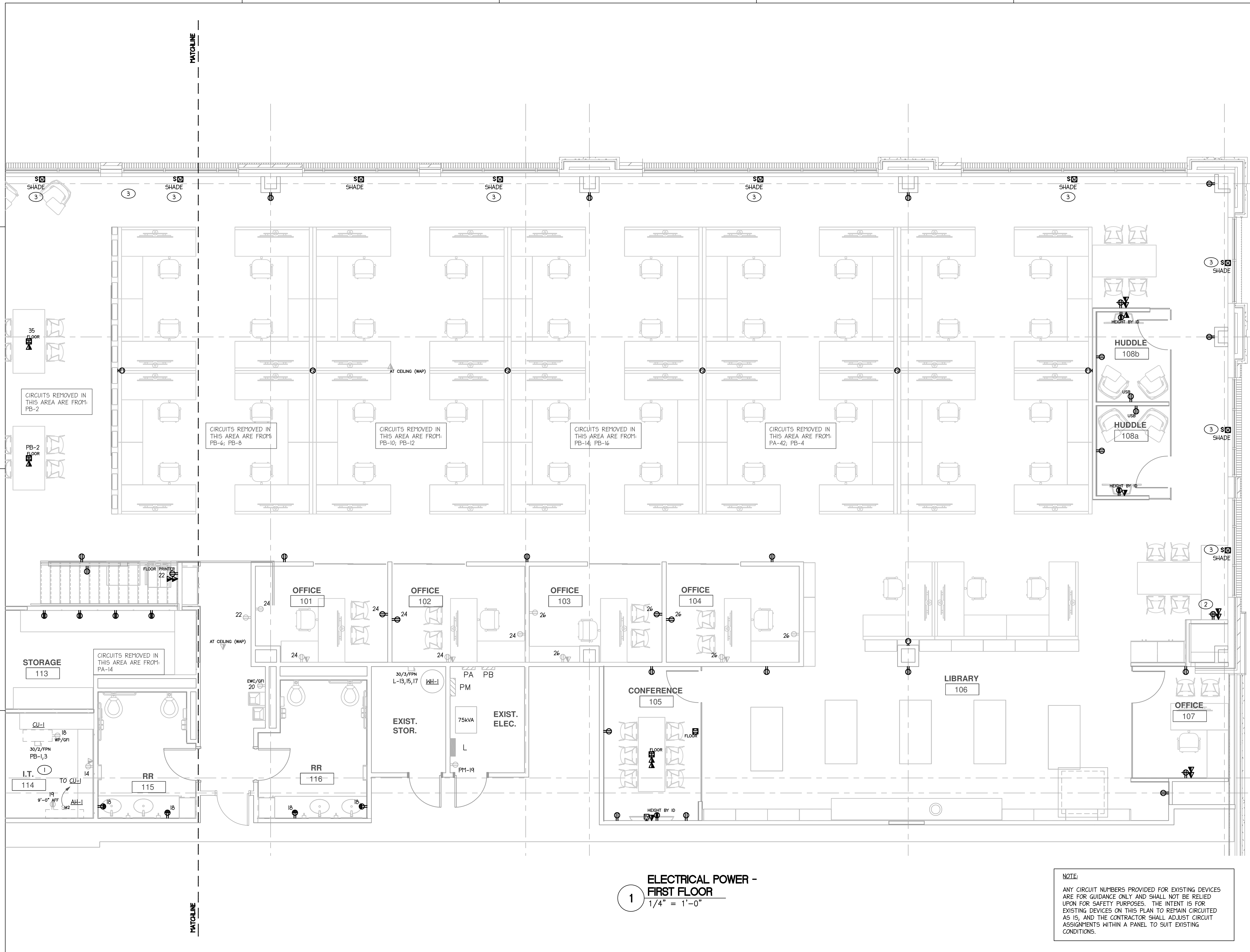
ELECTRICAL  
POWER PLANS -  
FIRST FLOOR

SHEET

E2-01A

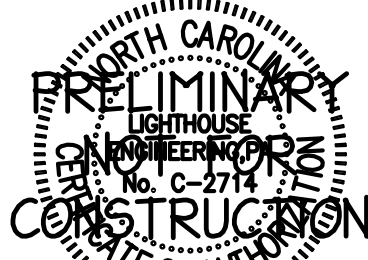
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90-2004-02-01B-ELECTRICAL POWER FIRST FLOOR.dwg  
Nov 07, 2025 2:35pm



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

NOTE:  
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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	JRS
DESIGNED BY	JRS
REVIEWED BY	NHS
ORIGINAL ISSUE DATE	11/07/25
CLIENT PROJECT NO.	25-32986

## ELECTRICAL POWER PLANS - FIRST FLOOR

SHEET  
**E2-01B**

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00-2004-02-ELECTRICAL POWER-SECOND FLOOR.dwg  
Nov 07, 2025 2:32pm

GENERAL NOTES: (ELECTRICAL POWER PLANS)

- 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.
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- ALL DATA OUTLETS TO BE DUPLEX, UON.
- 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.
- CONTRACTOR SHALL BOND ALL CABLE TRAY, RACEWAYS, AND EQUIPMENT RACKS IN SERVER 121 PER NEC 392.60(C).
- 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 CONFIRM EXACT MOUNTING AND LOCATION IN THIS AREA WITH MILLWORK.

NOTE:

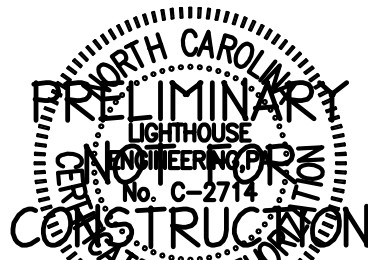
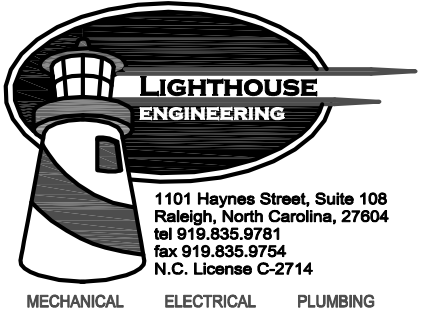
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ELECTRICAL POWER -  
SECOND FLOOR

1

1/4" = 1'-0"

ISG



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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 JRS

DESIGNED BY JRS

REVIEWED BY NHS

ORIGINAL ISSUE DATE 11/07/25

CLIENT PROJECT NO. 25-32986

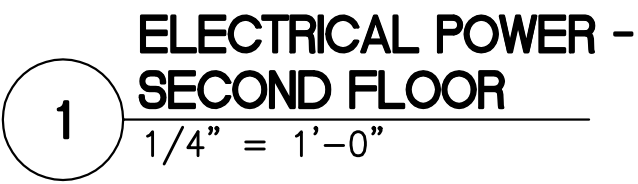
TITLE

ELECTRICAL  
POWER PLANS -  
SECOND FLOOR

SHEET

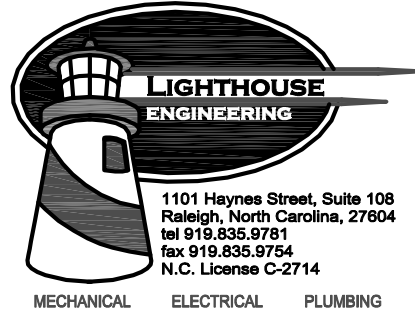
E2-02A

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NOTE:

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PROJECT

# ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

[illegible]

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  
POWER PLANS -  
SECOND FLOOR**

SHEET

## E2-02B



PANEL "L" LOAD SUMMARY				
LOAD TYPE	kVA CONN	DEM FACT	kVA DEM	
LOADS ON 400AMP MCB				
LIGHTS	6.5	1.25	8.1	
RECEPTACLES				
IST 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										3 PHASE 4 WIRE SURFACE MOUNTED NEMA 1									
PANEL: L																			
LOAD PER PHASE																			
- DESCRIPTION -		POLE	WIRE SIZE	BK SIZE	CCT #	A	B	C	CCT #	BK SIZE	WIRE SIZE	POLE	- DESCRIPTION -						
RTU-1		3	4	70	3	124/5.9	24/5.9	4	30	10	3	FPB-1-1							
					5	45/5.9	24/5.9	6	30										
					7	45/5.9	44/5.9	10	30										
RTU-2		3	10	25	9	45/5.9	45/5.9	10	30	10	3	FPB-1-2							
					11		46/5.9	12	8										
					13	20/5.2		14											
					15		20/5.2	16											
					17		20/5.9	16											
WH-1		3	12	20	19	-/4.2		22	20	10	3	FPB-1-3							
SPACE		1	-	-	21	-/4.2		23	20										
SPACE		1	-	-	21	-/4.2		23	20	12	3	FPB-1-4							
SPACE		1	-	-	23	-/4.2		24	20										
					25	18.5/6.2		26	30										
PANEL "PM" VIA XFMR		3	2	110	27	18.5/6.2		28	30	10	3	FPB-1-5							
					29			30	30										
SPACE		1	-	-	31	-/1.8		32											
SPACE		1	-	-	33	-/1.8		34	15	12	3	FPB-1-6							
SPARE		1	-	20	35	-/1.8		36	15										
					37	1.5/1.5		38	20	12			1	LTS: EAST (NORMAL)					
FPB-2-1		3	12	15	39	1.5/1.5	1.5/1.5	40	20	12			1	LTS: MIDDLE (NORMAL)					
					41		1.5/1.5	42	20	12			1	LTS: 2ND WEST (NORMAL)					
					43	3.5/1.6		44	20	12			1	LTS: 1ST (NORMAL)					
FPB-2-2		3	12	20	45	3.5/1.6	3.5/1.6	46	20	12			1	LTS: 1ST (WEST)					
					47			3.5/1.6	48	20	12		1	LTS: 1ST (NIGHT LIGHT)					
SPACE		1	-	-	49	-/-		50	20	-			1	SPARE					
SPACE		1	-	-	51	-/-		52	20	-			1	SPARE					
SPACE		1	-	-	53	-/-		54	20	-			1	SPARE					
TOTAL CONNECTED KVA					76.3	74.4	74.2	DEMAND KVA: 233.2											
					224.9														
PANEL RMS SYM. AMPS: SEE RISER										DEMAND AMPS: 281									

- EXISTING LOADS ARE SHOWN FAINT; NEW AND/OR REVISED LOADS ARE SHOWN **BOLD**.
- PANEL IS EQUAL TO SQUARE D NF.
  - PROVIDE SWD/HID RATED BREAKERS FOR LIGHTING CIRCUITS.
  - PROVIDE HACR BREAKERS FOR HVAC EQUIPMENT.
  - PROVIDE RELAY FOR CONTROL OF EXHAUST FANS AS REQUIRED. COORDINATE WITH M.C.
  - TC - CIRCUIT VIA MULTI-POLE 24-HR, 7-DAY TIMECLOCK. LOCATE TIMECLOCK ADJACENT TO PANEL.

PANEL "PM" LOAD SUMMARY				
LOAD TYPE	kVA CONN	DEM FACT	kVA DEM	
LOADS ON 250AMP MCB				
LIGHTS	-	1.25	-	
RECEPTACLES				
IST 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					3 PHASE 4 WIRE SURFACE MOUNTED NEMA 1							
PANEL: PM												
LOAD PER PHASE												
- DESCRIPTION -	POLE	WIRE SIZE	BK SIZE	CCT #	A	B	C	CCT #	BK SIZE	WIRE SIZE	POLE	- DESCRIPTION -
PANEL 'PA'	3	2	100	1	41 / -		2	-	-	-	-	SPACE
				3	78 / -	4	-	-	-	SPACE		
				5	84 / -	6	-	-	-	SPACE		
PANEL 'PB'	3	2	100	7	66 / -		8	-	-	-	SPACE	
				9	66 / -	10	-	-	-	SPACE		
				11	42 / -	12	-	-	-	SPACE		
PANEL 'PC'	3	2	100	13	41 / -		14	-	-	-	SPACE	
				15	41 / -	16	-	-	-	SPACE		
				17	31 / -	18	-	-	-	SPACE		
REC. ROOF, ELEC	1	12	20	19	06 / -		20	-	-	-	SPACE	
SPACE	1	-	-	21	- / -		22	-	-	-	SPACE	
SPACE	1	-	-	23	- / -		24	-	-	-	SPACE	
SPACE	1	-	-	25	- / -		26	-	-	-	SPACE	
SPACE	1	-	-	27	- / -		28	-	-	-	SPACE	
SPACE	1	-	-	29	- / -		30	-	-	-	SPACE	
SPACE	1	-	-	31	- / -		32	-	-	-	SPACE	
SPACE	1	-	-	33	- / -		34	-	-	-	SPACE	
SPACE	1	-	-	35	- / -		36	-	-	-	SPACE	
SPACE	1	-	-	37	- / -		38	-	-	-	SPACE	
SPACE	1	-	-	39	- / -		40	-	-	-	SPACE	
SPACE	1	-	-	41	- / -		42	-	-	-	SPACE	
TOTAL CONNECTED KVA					19.8	18.5	15.7	DEMAND KVA: 52.1				
PANEL RMS SYM. AMPS: SEE RISER								DEMAND AMPS: 145				

EXISTING LOADS ARE SHOWN FAINT; NEW AND/OR REVISED LOADS ARE SHOWN **BOLD**.  
I. PANEL IS EQUAL TO SQUARE D NQ.

EXISTING										3 PHASE 4 WIRE SURFACE MOUNTED NEMA 1		
PANEL: PA												
LOAD PER PHASE												
- DESCRIPTION -	POLE	WIRE SIZE	BK SIZE	CCT #	A	B	C	CCT #	BK SIZE	WIRE SIZE	POLE	- DESCRIPTION -
SPARE	1	-	20	1	- / 0.4			2	20	12	1	EQ: TEL BOARD
SPARE	1	-	20	3		- / 0.4		4	20	10	1	EQ: CATV BOARD
SPARE	1	-	20	5			- / 0.7	6	30	10	1	EQ: SERVER
SPARE	1	-	20	7		- / 0.7		8	30	10	1	EQ: SERVER
SPARE	1	-	20	9			- / 0.5	10	20	12	1	EQ: SERVER
SPARE	1	-	20	11			- / 0.5	12	20	12	1	EQ: SERVER
SPARE	1	-	20	13		- / 0.4		14	20	12	1	EQ: GENERAL SERVER
SPARE	1	-	20	15		- / -		16	20	-	1	SPARE
REC: COPY AREA	1	12	17	17			0.4 / 0.5	18	20	12	1	REC: TOILET
REC: CONDENSATE PUMP	1	12	19	19	0.4 / 0.8			20	20	12	1	REC: EMC
SPARE	1	-	20	21		- / 0.8		22	20	12	1	REC: COPIER
SPARE	1	-	20	23			- / 1.1	24	20	12	1	REC: OFFICES
SPARE	1	-	20	25		- / 1.1		26	20	12	1	REC: OFFICES
SPARE	1	-	20	27		- / 1.0		28	20	12	1	REC: COPIERS
SPARE	1	-	20	29			- / 0.7	30	20	12	1	REC: PRINTER, WORK
SPARE	1	-	20	31		- / 0.8		32	12	1	1	REC: PLOTTER, SCANNER
SPARE	1	-	20	33		- / 0.6		34	20	12	1	REC: OFFICE QUIET
REC: FLOOR	1	12	35	35			0.4 / 0.4	36	20	12	1	REC: STORAGE
REC: MEETING, STORAGE	1	12	37	37	0.9 / 1.2			38	20	12	1	REC: QUIET, HALL
SPARE	1	-	20	39		- / 0.7		40	20	12	1	REC: MEETING, PHONE
REC: MEETING, ENTRY	1	12	41	41			0.7 / 0.3	42	20	12	1	REC: PRINTER
TOTAL CONNECTED KVA					9.1	7.8	8.4	DEMAND KVA: 24.2				
PANEL RMS SYM. AMPS: SEE RISER					25.3			DEMAND AMPS: 67				

- PANEL IS EQUAL TO SQUARE D QO.
- GFI - PROVIDE GFCI BREAKER FOR CIRCUIT. GFCI RECEPTACLES MAY BE USED IN LIEU OF GFCI BREAKERS SO LONG AS THE DEVICE(S) CONFORM TO NEC CODE REQUIREMENTS FOR GFCI PROTECTION.

PANEL "PA" LOAD SUMMARY				
LOAD TYPE	kVA CONN	DEM FACT	kVA DEM	
LOADS ON 100AMP CB				
LIGHTS	-	1.25	-	
RECEPTACLES				
IST 10kVA	10.0	1.0	10.0	
REMAINDER	2.2	0.5	1.1	
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										3 PHASE 4 WIRE SURFACE MOUNTED NEMA 1		
PANEL: PB												
LOAD PHASE:												
- DESCRIPTION -	POLE	WIRE SIZE	BK SIZE	CCT #	A	B	C	CCT #	BK SIZE	WIRE SIZE	POLE	- DESCRIPTION -
AH-1/CU-1	2	12	20	1	1.4/0.4	1.4/0.4		2	20	12	1	REC. FLOOR
VAV-1-5, 6, 7	1	12	20	5			0.4/1.6	6	20	12	2	EQ: WORKSTATIONS
VAV-1-1, 2, 3	1	12	20	7	0.4/1.6			8				EQ: WORKSTATIONS
VAV-2-1	1	12	20	9		0.4/1.6		10	20	12	2	EQ: WORKSTATIONS
SPARE	1	-	20	11			-/1.6	12				
SPARE	1	-	20	13	-/1.6			14	20	12	2	EQ: WORKSTATIONS
SPARE	1	-	20	15		-/1.6		16				
SPARE	1	-	20	17			-/0.6	18	20	12	1	REC: OPEN OFFICE
SPARE	1	-	20	19	-/-			20	-	-	1	SPACE
SPARE	1	-	20	21		-/-		22	-	-	1	SPACE
SPARE	1	-	20	23			-/-	24	-	-	1	SPACE
SPACE	1	-	20	25	-/-			26	-	-	1	SPACE
SPACE	1	-	20	27		-/-		28	-	-	1	SPACE
SPACE	1	-	20	29			-/-	30	-	-	1	SPACE
SPACE	1	-	20	31	-/-			32	-	-	1	SPACE
SPACE	1	-	20	33		-/-		34	-	-	1	SPACE
SPACE	1	-	20	35			-/-	36	-	-	1	SPACE
SPACE	1	-	20	37	-/-			38	-	-	1	SPACE
SPACE	1	-	20	39		-/-		40	-	-	1	SPACE
SPACE	1	-	20	41			-/-	42	-	-	1	SPACE
TOTAL CONNECTED KVA					6.6	6.6	4.2	DEMAND KVA: 17.9				
PANEL RMS SYM. AMPS: SEE RISER					17.4							
DEMAND AMPS: 50												

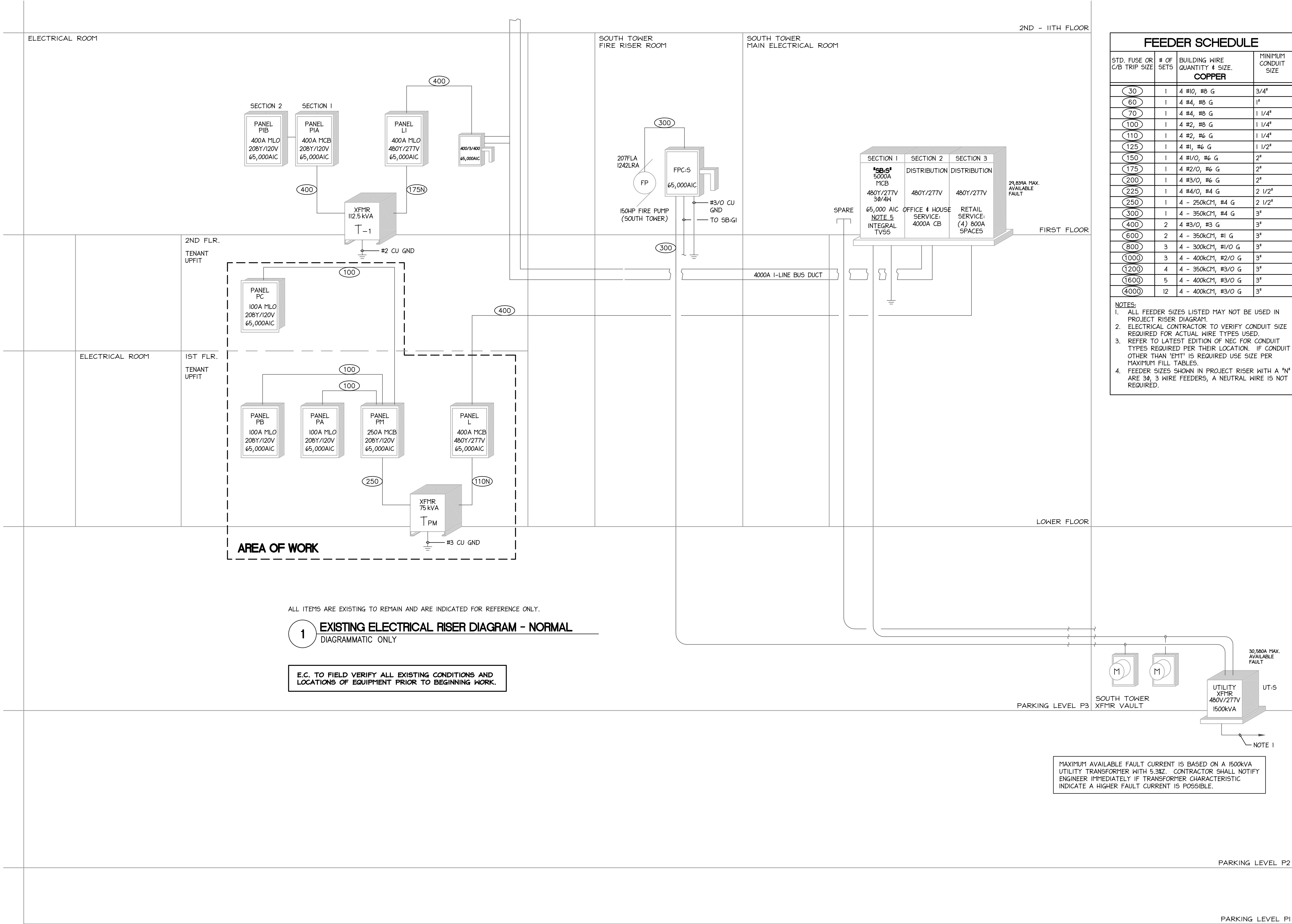
- PANEL IS EQUAL TO SQUARE D QO.
- PROVIDE HACR BREAKERS FOR HVAC EQUIPMENT.

PANEL "PB" LOAD SUMMARY				
LOAD TYPE	kVA CONN	DEM FACT	kVA DEM	
LOADS ON 100AMP CB				
LIGHTS	-	1.25	-	
RECEPTACLES				
IST 10kVA	-	1.0	-	
REMAINDER	-	0.5	-	
HVAC				
LARGEST MOTOR	2.8	1.25	3.5	
REMAINDER	1.2	1.0	1.0	
WATER HEATERS	-	1.0	-	
KITCHEN EQUIPMENT	-	0.65	-	
LAUNDRY EQUIPMENT	-	1.0	-	
EQUIPMENT	13.4	1.0	13.4	
MISCELLANEOUS	-	1.0	-	
TOTALS	17.4		17.9	
TOTAL AMPS @ 208V 3Ø	49.7			

EXISTING										3 PHASE 4 WIRE FLUSH MOUNTED NEMA 1		
PANEL: PC												
LOAD PER PHASE												
- DESCRIPTION -	POLE	WIRE SIZE	BK SIZE	CCT #	A	B	C	CCT #	BK SIZE	WIRE SIZE	POLE	- DESCRIPTION -
VAV-10,11	1	12	20	1	0.3 / 1.6			2	20	12	2	EQ: WORKSTATIONS
SPARE	1	-	20	3	- / 1.6			4	-	-	-	
SPARE	1	-	20	5		- / 1.6		6	20	12	2	EQ: WORKSTATIONS
SPARE	1	-	20	7	- / 1.6			8	-	-	-	
SPARE	1	-	20	9		- / 1.6		10	20	12	1	EQ: WORKSTATIONS
SPARE	1	-	20	11			- 0.6	12	20	12	1	REC: ENTRY, LIBRARY
SPARE	1	-	20	13	- / 0.6			14	20	12	1	REC: MEETING, OFFICE
SPARE	1	-	20	15		- 0.4		16	20	12	1	REC: OFFICE, WORK
SPARE	1	-	20	17			- 0.4	18	20	12	1	REC: OFFICE, ROOF
SPARE	1	-	18	- / -				20	-	-	1	SPACE
SPARE	1	-	21	- / -				22	-	-	1	SPACE
SPARE	1	-	23	- / -				24	-	-	1	SPACE
SPARE	1	-	25	- / -				26	-	-	1	SPACE
SPARE	1	-	27	- / -				28	-	-	1	SPACE
SPARE	1	-	29	- / -				30	-	-	1	SPACE
SPARE	1	-	31	- / -				32	-	-	1	SPACE
SPARE	1	-	33	- / -				34	-	-	1	SPACE
SPARE	1	-	35	- / -				36	-	-	1	SPACE
SPARE	1	-	37	- / -				38	-	-	2	SPACE
SPARE	1	-	39	- / -				40	-	-	1	SPACE
SPARE	1	-	41	- / -				42	-	-	1	SPACE
TOTAL CONNECTED KVA					4.1	4.1	3.1					
					11.3							
PANEL RMS SYM. AMPS: 5EE RISER										DEMAND KVA: 11.4		
										DEMAND AMPS: 32		

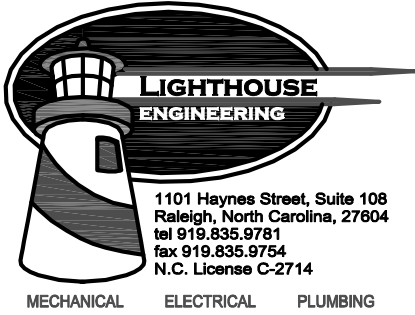


00-25004-03-ELECTRICAL RISER DIAGRAM NORMAL.dwg  
Nov 07, 2025 2:35pm



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 3Ø, 3 WIRE FEEDERS, A NEUTRAL WIRE IS NOT REQUIRED.



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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 JRS  
DESIGNED BY JRS  
REVIEWED BY NHS  
ORIGINAL ISSUE DATE 11/07/25  
CLIENT PROJECT NO. 25-32986

## ELECTRICAL RISER DIAGRAM - NORMAL

SHEET

E3-02

PRELIMINARY NOT FOR CONSTRUCTION PRELIMINARY NOT FOR CONSTRUCTION PRELIMINARY NOT FOR CONSTRUCTION

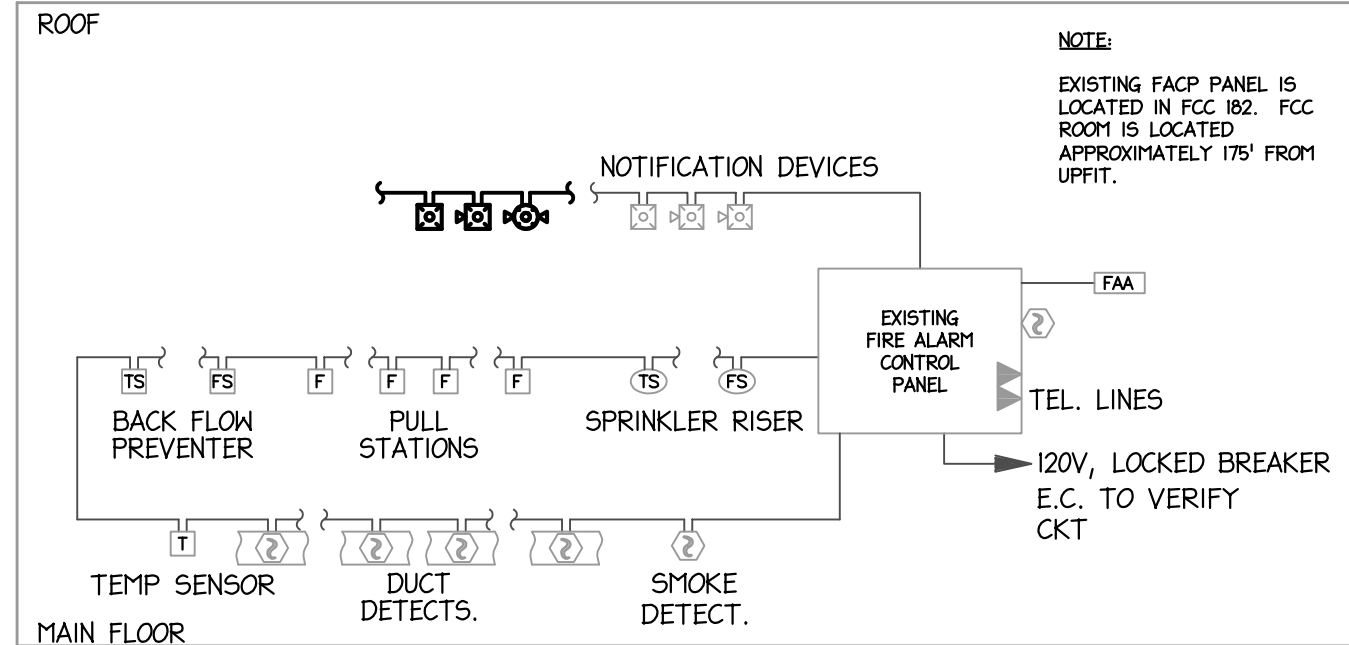




00-2504-FA0-01-FIRE ALARM LEGEND, NOTES, AND SCHEDULES.dwg  
Nov 07, 2025 2:33pm

### EXISTING CONDITIONS NOTES

- 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.
- 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.
- ITEMS SHOWN FAINT ARE EXISTING, ITEMS SHOWN **BOLD** ARE NEW. SEE FLOOR PLAN (SHEET FA1-01) FOR FURTHER INFORMATION.

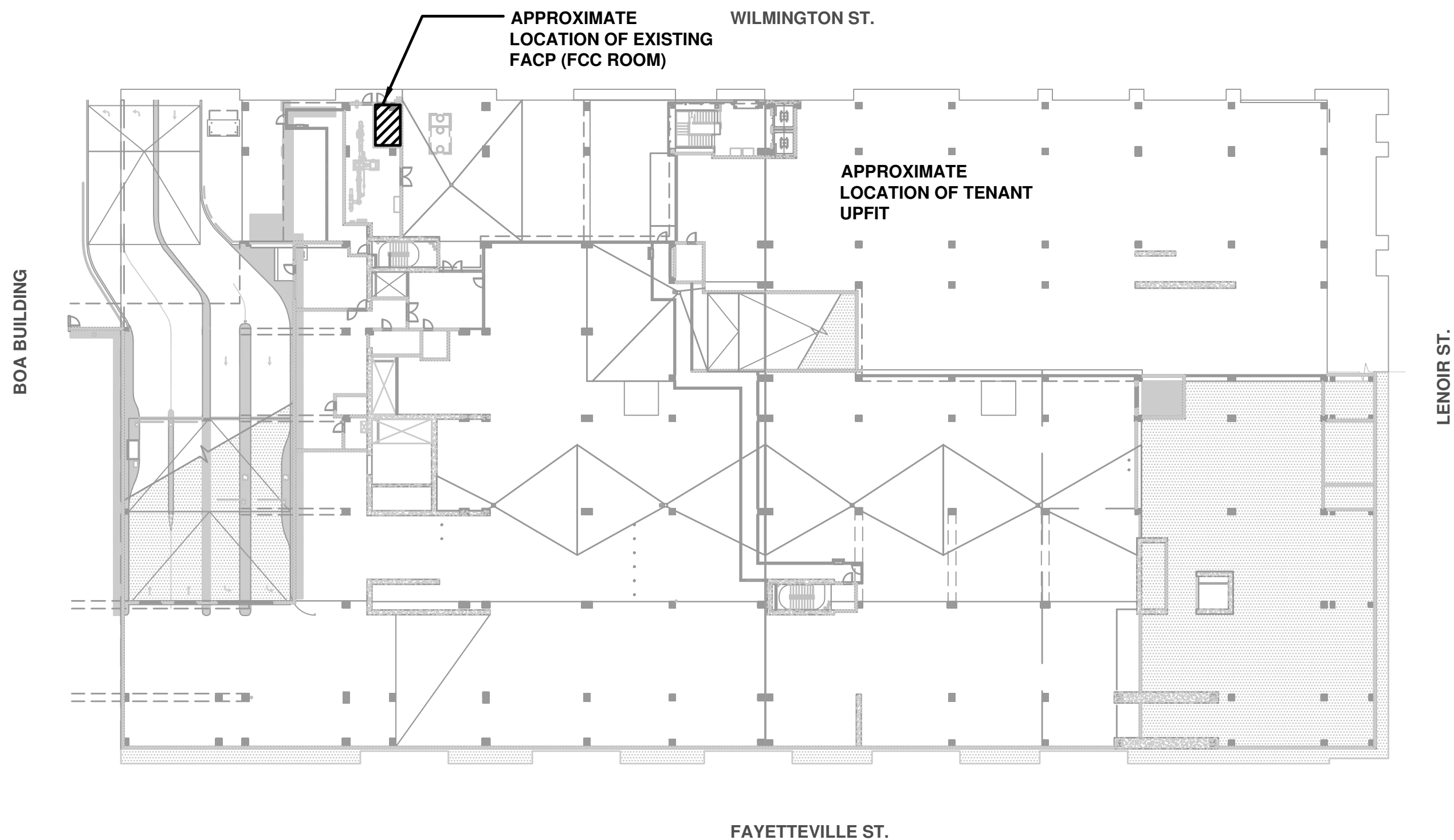


### 2 PARTIAL EXISTING FIRE ALARM RISER DIAGRAM NO SCALE

#### FIRE ALARM RISER DIAGRAM NOTES:

- FIRE ALARM SYSTEM IS ADDRESSABLE, 24V DC, POWER LIMITED, FULLY SUPERVISED, WITH 24 HOUR STANDBY BATTERY. SIMPLEX 4100U SERIES WITH VOICE EVACUATION CAPABILITY.
- FIRE ALARM DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH NFPA 72 AND 'ADA'.
- ALL FIRE ALARM WIRING SHALL BE IN CONDUIT OR AS ALLOWED BY NEC OR LOCAL AHJ.
- 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.
- ELECTRICAL CONTRACTOR SHALL PROVIDE A FIRE ALARM LAYOUT PLAN AT THE FACP.
- TESTING OF THE FIRE ALARM SYSTEM SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- ALL VISUAL DEVICES IN A COMMON VIEWING AREA SHALL BE SYNCHRONIZED.
- ALL NEW DEVICES SHALL BE BY THE SAME MANUFACTURER AS THE EXISTING SYSTEM AND SHALL BE FULLY COMPATIBLE.
- THE SYSTEM MANUFACTURER SHALL PROVIDE BATTERY AND CIRCUIT LOAD CALCULATIONS BASED UPON THE ACTUAL DEVICES SUPPLIED.
- 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) DIAGRAMMATIC ONLY

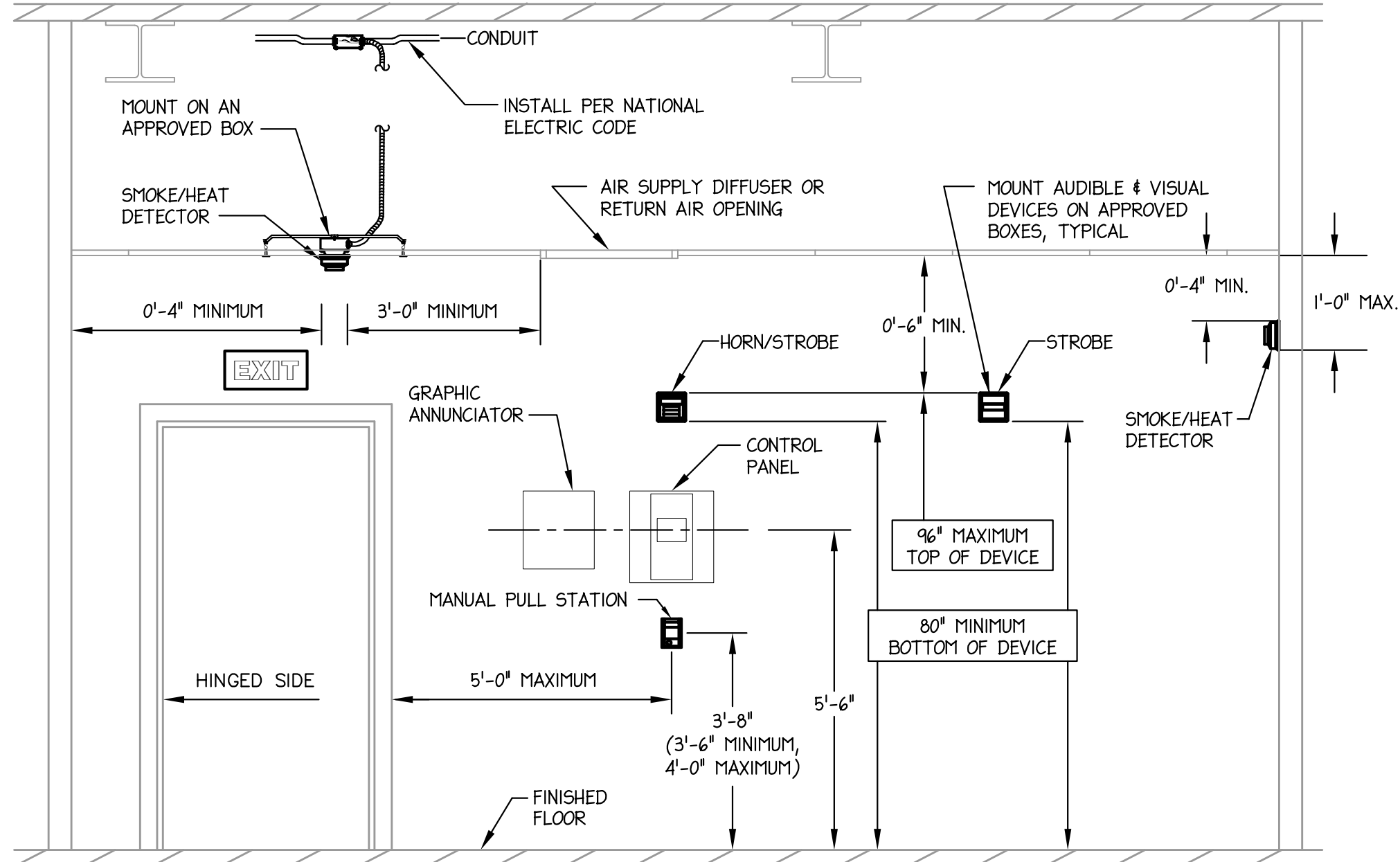
### FIRE ALARM SYSTEM SCHEDULE

#### ALARM

	ALL AUDIBLE SIGNAL SOUND	ALL VISUAL SIGNALS FLASH	SEND ALARM TO CENTRAL MONITORING STATION	SEND TROUBLE SIGNAL TO CENTRAL MONITORING STATION	ACTIVATE HVAC SHUTDOWN	SEND SUPERVISORY SIGNAL TO CENTRAL MONITORING STATION
GENERAL ALARM (ANY INPUT DEVICE IN ALARM, SD, PS)	X	X	X		X	X
DUCT DETECTORS THROUGHOUT BUILDING						
FLOW SWITCH SIGNAL	X	X	X		X	X
TAMPER SWITCH SIGNAL						X
SPRINKLER RISER ROOM TEMPERATURE MONITOR						X
TROUBLE SIGNAL THROUGHOUT BUILDING				X		

#### RESPONSE

### NFPA 72 AND ADA DEVICE INSTALLATION REQUIREMENTS



### 1 ADA DEVICE INSTALLATION DIAGRAMMATIC ONLY

### GENERAL FIRE ALARM NOTES

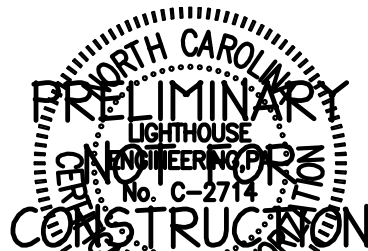
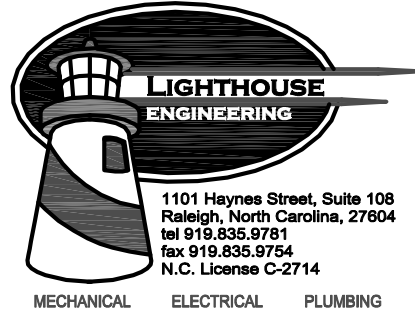
- AUDIBLE FIRE ALARM NOTIFICATION APPLIANCES SHALL PROVIDE A SOUND PRESSURE LEVEL OF 15DBA ABOVE THE AVERAGE AMBIENT SOUND PRESSURE LEVEL AT ALL LOCATIONS WITHIN THE OCCUPIABLE SPACE. TYPICAL AVERAGE AMBIENT SOUND PRESSURE LEVELS ARE GIVEN IN NFPA 72 TABLE A-4-3.2.
- PLEASE NOTE THAT ALL AUDIBLE DEVICES SHALL MEET THE MINIMUM DECIBEL RATINGS WITH ALL DOORS CLOSED.
- 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

<b>FACP</b>	FIRE ALARM CONTROL PANEL, SURFACE MOUNTED.
<b>FAA</b>	FIRE ALARM SYSTEM ANNUNCIATOR PANEL, 48" A.F.F.
<b>MP</b>	FIRE ALARM SYSTEM MANUAL PULL STATION, 48" A.F.F.
<b>SA</b>	FIRE ALARM SYSTEM ALARM INDICATING DEVICE, SPEAKER/STROBE. 80" A.F.F.
<b>SC</b>	FIRE ALARM SYSTEM ALARM INDICATING DEVICE, SPEAKER/STROBE. CEILING OR PENDANT MOUNTED.
<b>ST</b>	FIRE ALARM SYSTEM ALARM INDICATING DEVICE, STROBE, 80" A.F.F.
<b>SP</b>	FIRE ALARM SYSTEM ALARM INDICATING DEVICE, SPEAKER. 80" A.F.F.
<b>CM</b>	FIRE ALARM SYSTEM CEILING MOUNTED SMOKE DETECTOR, MULTI-MODE TYPE.
<b>CR</b>	FIRE ALARM SYSTEM CEILING MOUNTED COMBINATION FIXED TEMPERATURE AND RATE OF RISE HEAT DETECTOR.
<b>TS</b>	FIRE ALARM SYSTEM TAMPER SWITCH. FIELD COORDINATE EXACT QUANTITY AND LOCATIONS.
<b>FS</b>	FIRE ALARM SYSTEM FLOW SWITCH. FIELD COORDINATE EXACT QUANTITY AND LOCATIONS.
<b>RT</b>	FIRE ALARM SYSTEM ROOM TEMPERATURE SUPERVISORY 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.
<b>DM</b>	FIRE ALARM SYSTEM DUCT MOUNTED SMOKE DETECTOR. DETECTOR SHALL BE SUPPLIED AND WIRED BY E.C., INSTALLED BY M.C.
<b>MP</b>	DEVICE MONITORING POINT. PROVIDE ALL REQUIRED HARDWARE TO FACILITATE MONITORING OF DEVICE INDICATED.
<b>MD</b>	MAGNETIC DOOR HOLDER (SUPPLIED WITH DOOR HARDWARE), CONNECT TO LOCAL SMOKE DETECTOR.
<b>CD</b>	120V CARBON MONOXIDE DETECTOR WITH BATTERY BACK-UP, CONNECT TO NEAREST 120V CIRCUIT AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
<b>FSD</b>	U.L. FIRE/SMOKE DAMPER WITH ACCESS DOOR. COORDINATE WITH M.C.

### Drawing Sheet List

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



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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 JRS

DESIGNED BY JRS

REVIEWED BY NHS

ORIGINAL ISSUE DATE 11/07/25

CLIENT PROJECT NO. 25-32986

TITLE

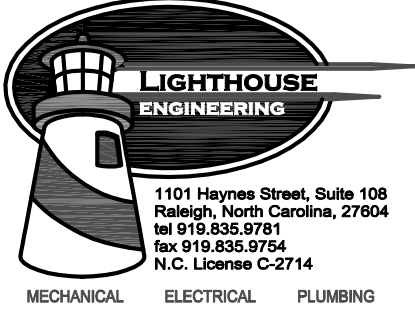
### FIRE ALARM LEGEND, NOTES, AND SCHEDULES

SHEET

FA0-01

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PROJECT

## ISG RALEIGH BUILD OUT

RALEIGH NORTH CAROLINA

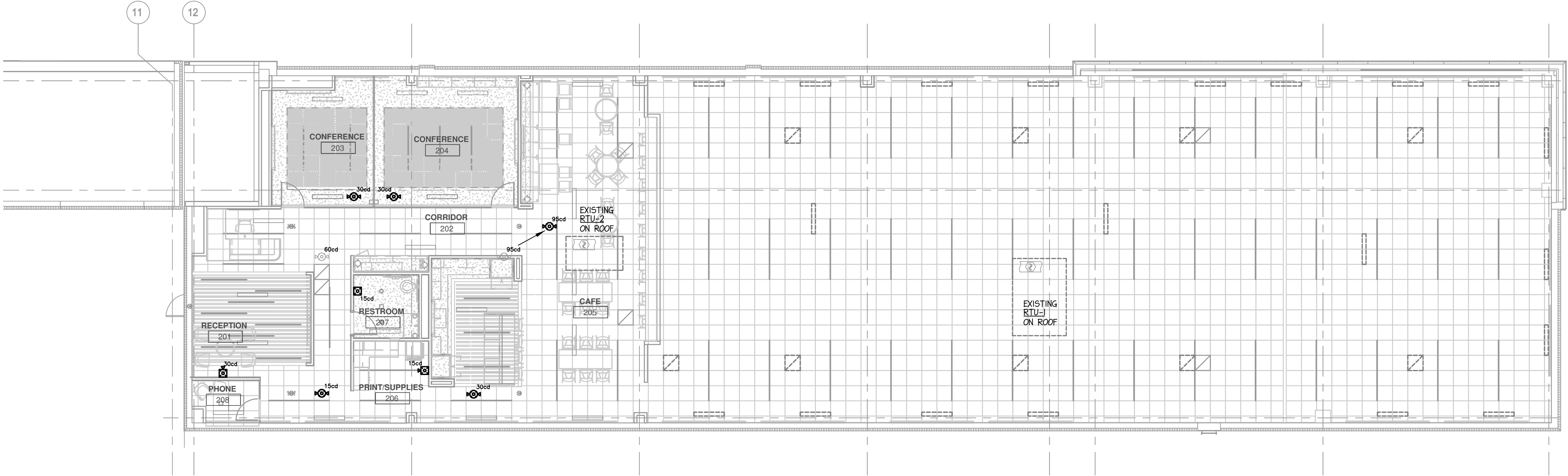
REVISION SCHEDULE		
DATE	DESCRIPTION	BY

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

TITLE  
**FIRE ALARM PLANS**

SHEET

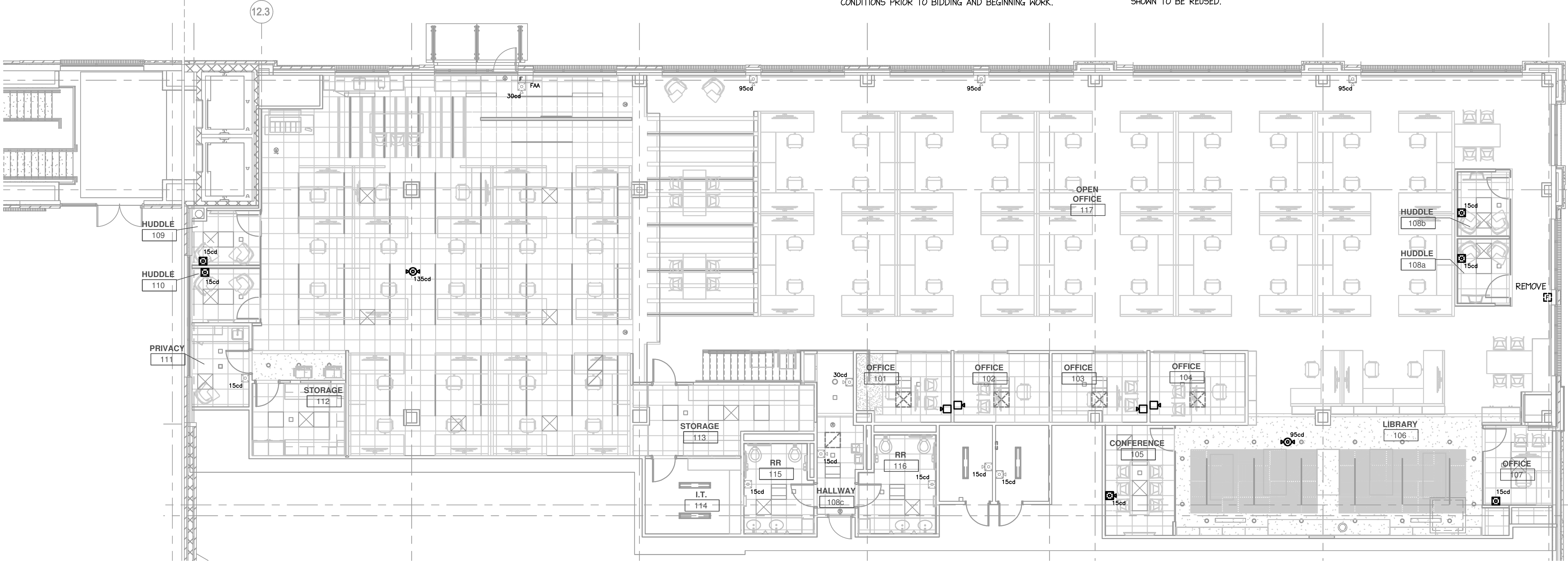
**FA1-01**



### 2 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.



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

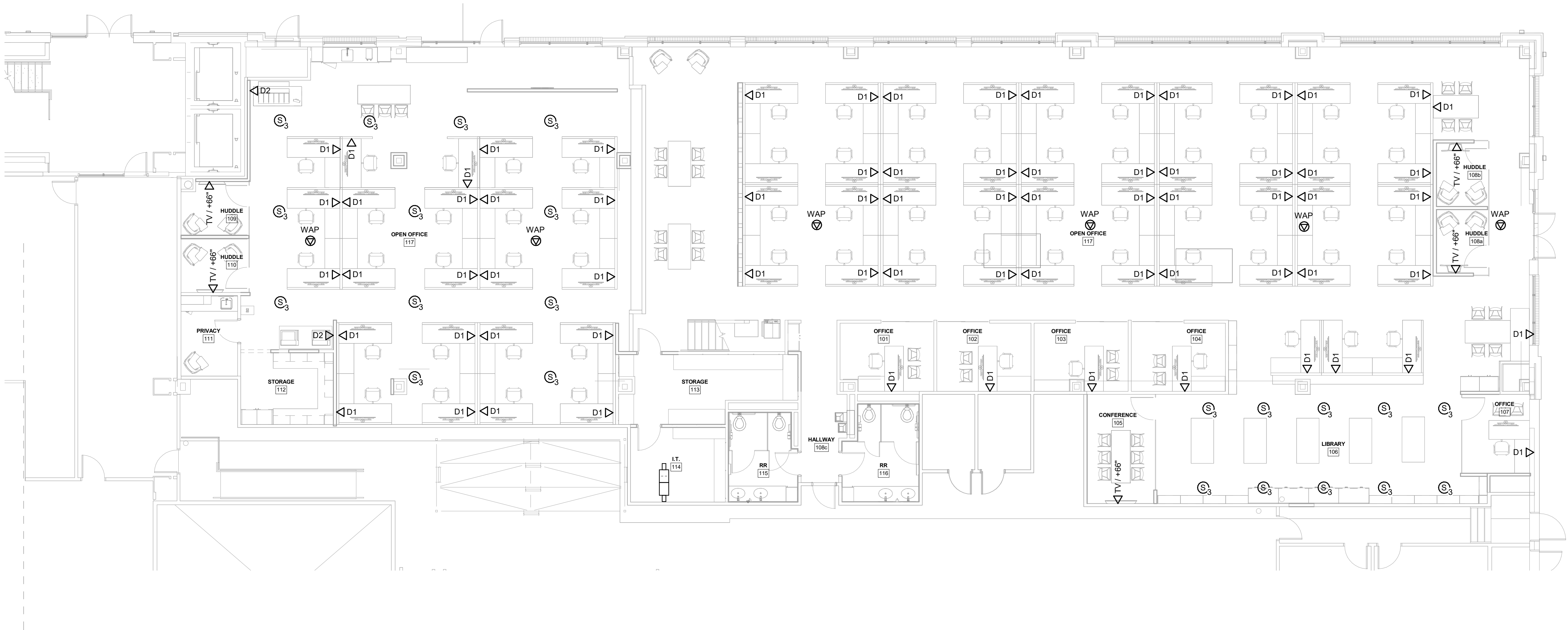
ALL AV HARDWARE AND ASSOCIATED CABLING  
FURNISHED AND INSTALLED BY CTI

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"

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PROJECT
<b>ISG RALEIGH BUILD OUT</b>
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
<b>FIRST FLOOR TECHNOLOGY PLAN</b>

SHEET
<b>T2-11</b>

PRELIMINARY NOT FOR CONSTRUCTION



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

ISG

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PROJECT

ISG RALEIGH  
BUILD OUT

RALEIGH NORTH CAROLINA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

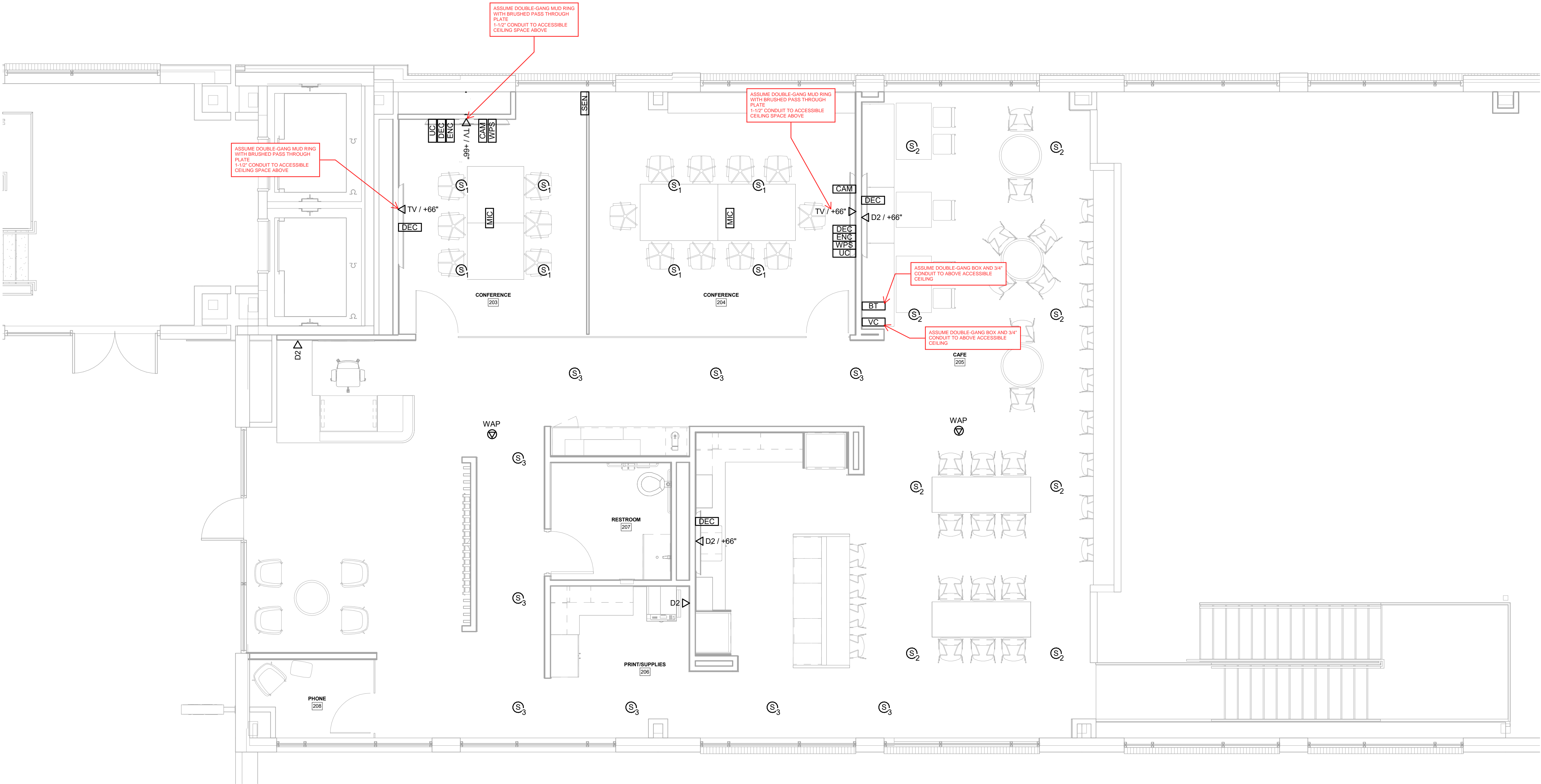
PROJECT NO.	25-32986
FILE NAME	
DRAWN BY	FS
DESIGNED BY	FS
REVIEWED BY	Checker
ORIGINAL ISSUE DATE	11/07/2025
CLIENT PROJECT NO.	

TITLE

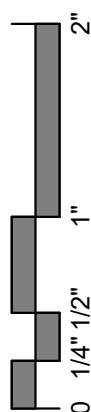
SECOND FLOOR  
TECHNOLOGY  
PLAN

SHEET

T2-12



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



PRELIMINARY NOT FOR CONSTRUCTION





QSYS TEAM ROOM  
UC COMPUTE BUNDLE

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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	Author
DESIGNED BY	Designer
REVIEWED BY	Checker
ORIGINAL ISSUE DATE	MM/DD/YY
CLIENT PROJECT NO.	

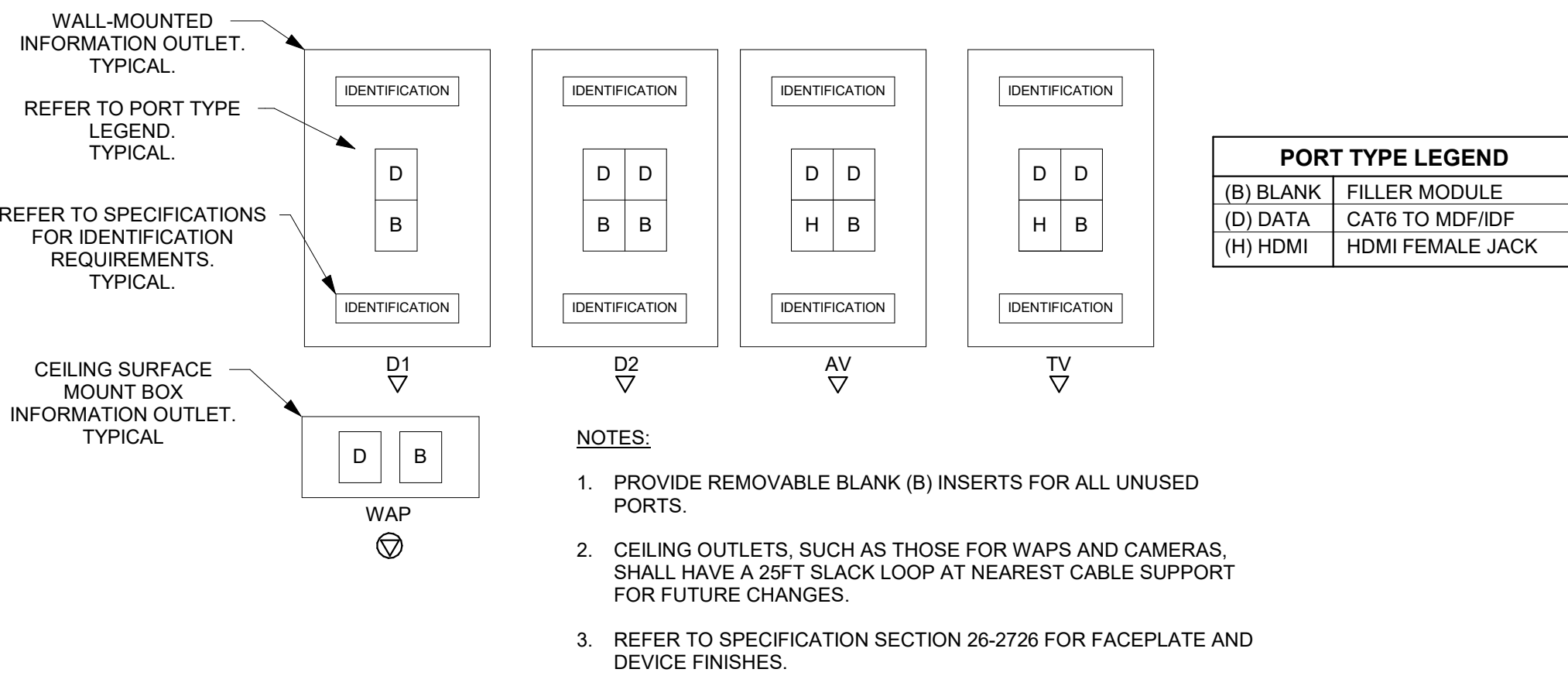
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TECHNOLOGY  
MATERIAL  
SCHEDULES

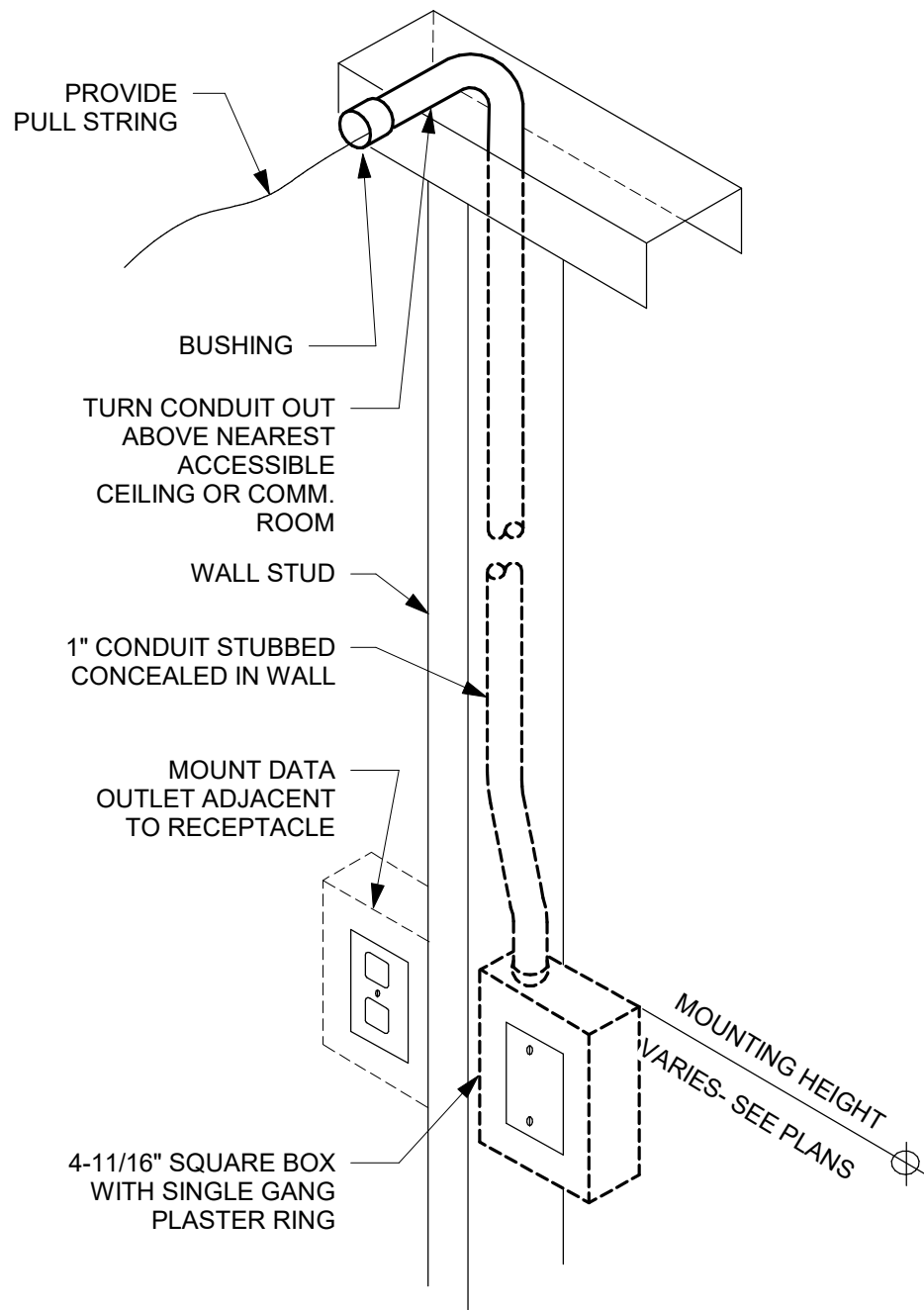
SHEET

T6-11

INFORMATION OUTLET CONFIGURATIONS



ROUGH-IN DETAIL,  
ASSUME  
CONFIGURATION  
UNLESS SPECIFICALLY  
NOTATED



1 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

SOUND 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

