

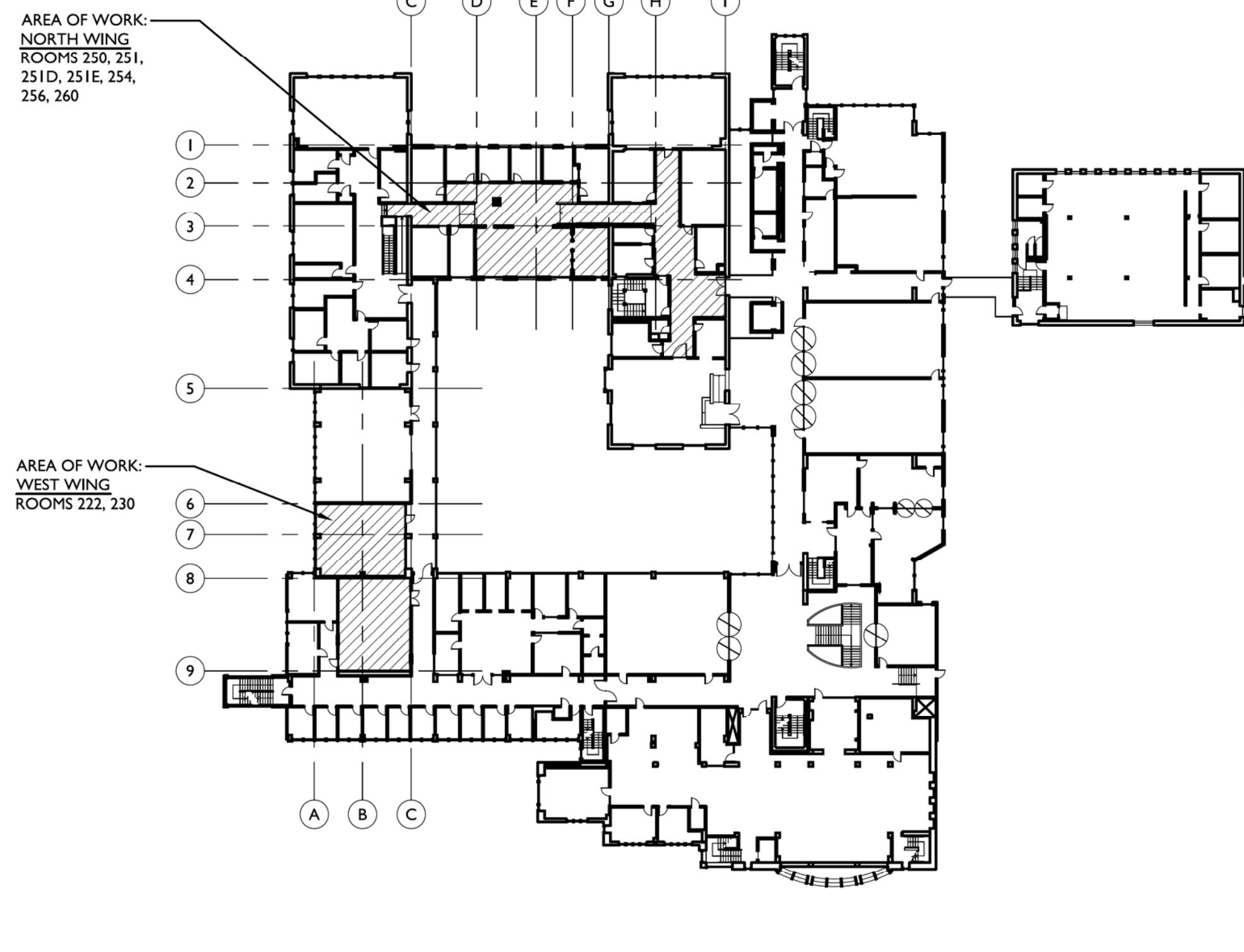
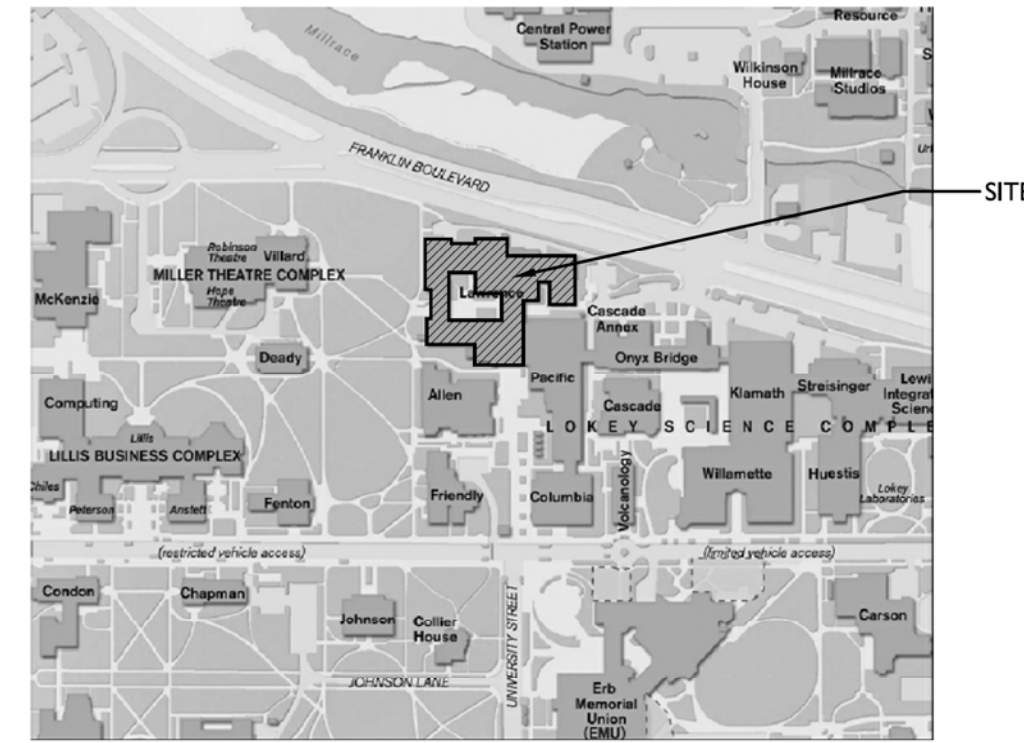
SYMBOLS

	KEYNOTE		VERTICAL ELEVATION
	ROOM NAME & NUMBER		SECTION TAG
	ASSEMBLY SYMBOL		DETAIL TAG
	WINDOW SYMBOL		DETAIL TAG
	DOOR SYMBOL		
	REVISION TAG		

ARCHITECTURAL ABBREVIATIONS

@	At	Mfg. Mfr	Manufacturer
AB	Anchor Bolt	Min	Minimum
AC	Asphaltic Concrete	MO	Masonry Opening
ACC	Acoustical	(N)	New
AFF	Above Finish Floor	NIC	Not in Contact
Alum.	Aluminum	NTS	Not to Scale
Bldg.	Building	O. to O.	Out to Out
BO	Bottom of	OC	On Center
Brk.	Brick	OFS	Outside Face of Stud
Cab.	Cabinet	O.F.C.I	Owner Furnished/ Contractor Installed
Cant.	Cantilever	O.F.O.I	Owner Furnished/ Owner Installed
Cent.	Center		
C.F.C.I	Contractor Furnished/ Contractor Installed		
CL	Center Line	OH	Overhead -or- Overhang
Clg.	Ceiling	OSB	Oriented Strand Board
CMU	Concrete Masonry Unit	Opp.	Opposite
Col.	Column	P-#X	Plumbing Fixture
Conc.	Concrete	P-Lam.	Plastic Laminum
Cont.	Continuous	Ply. Plywd.	Plywood
Dbl.	Double	PT	Pressure-Treated
DF	Douglas Fir	R	Radius
Dia. Ø	Diameter	RD	Roof Drain
DN	Down	Req'd	Required
Disp.	Dispenser	Rm. Rms.	Room, Rooms
DS	Down Spout	RO	Rough Opening
Dwg.	Drawings	ROW	Right of Way
Ea.	Each	RS	Rough Sawn
Elec.	Electrical	Rub.	Rubber
Elev.	Elevation	SD	Storm Drain
Eng.	Engineering	Sect.	Section
EP	Electrical Panel	SF	Square Footage
Eq.	Equal	Sheath.	Sheathing
(E), Exist.	Existing	Shc.	Sheet
Ext.	Exterior	Sim.	Similar
EW	Each Way	Specs.	Specifications
FEC	Fire Extinguisher Cabinet	Sqr.	Square
FF	Finish Floor	SS	Stainless Steel -or- Sanitary
FFE	Finished Floor Elevation	Sid.	Standard
Fin.	Finish	Sd.	Steel
Flash.	Flashing	Struct.	Structural
Flr.	Floor	T & G	Tongue & Groove
Fnd.	Foundation	T & B	Top and Bottom
FOM	Face of Masonry	Temp.	Temporary -or- Tempered
FOS	Face of Stud	TO	Top of
Ftg.	Footing	TOC	Top of Concrete
Ga.	Gauge	TOM	Top of Masonry
GLB	Glulam Beam	TOS	Top of Structure
Gyp. bd.	Gypsum Board	TOW	Top of Wall
HB	Hole Bibb	Typ.	Typical
Hdr.	Header	UNO	Unless Noted Otherwise
HF, H-F	Hemlock-Fire	Var.	Varies
Horiz.	Horizontal	VB	Vapor Barrier
Ht.	Height	VCT	Vinyl Composition Tile
Insul.	Insulation	Ven.	Veneer
Int.	Interior	Ver.	Verify
KD	Kiln Dried Lumber	Vert.	Vertical
Lb. #	Pounds	Vest.	Vestibule
LSL	Laminated Strand Lumber	VTR	Vent Through Roof
LVL	Laminated Veneer Lumber	WA	Wall Assembly
Mat.	Material	Wd.	Wood
Masc.	Maximum	WH	Water Heater
M.B.	Moisture Barrier	WP	Waterproof
Mech.	Mechanical	WV	With

N.T.S. VICINITY MAP

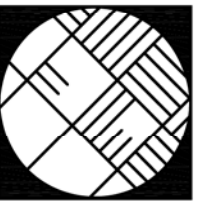


1/32" = 1'-0" LAWRENCE HALL WHOLE-BUILDING 2ND FLOOR PLAN

**ARCHITECTURE & ALLIED ARTS REMODEL
LAWRENCE HALL
UNIVERSITY OF OREGON**

U.O. PROJECT #: UO-410-P-13-16
U.O. CP 14-105
1190 FRANKLIN BOULEVARD, EUGENE, OR 97403
BID/PERMIT SET

JUNE 3, 2014



**NIR PEARLSON
ARCHITECT, INC.**
1460 E 21ST AVE
EUGENE OR 97403
541.345.5547
green-building.com

LOT INFORMATION

MAP NO.: 17-03-32-00
TAX LOT: 100
LOT AREA TOTAL: 110.25 AC
ZONING: PL

BUILDING INFORMATION

BUILDING CODES: 2010 OREGON STRUCT. SPECIALTY CODE
CONSTRUCTION TYPE: EXISTING - V-B
OCCUPANCY: B NOTE: NO CHANGE IN OCCUPANCY
BUILDING REMODEL AREAS: EXISTING - NORTH WING: 1,490 SF
WEST WING: 1,480 SF
TOTAL REMODEL = 2,970 SF
REMODELED BUILDING AREA: (2,970 SF)

**UO A&AA
REMODEL**

1190 FRANKLIN BLVD.
EUGENE, OR 97403

1407

REVISIONS:

PROJECT SUMMARY

- 2ND FLOOR NORTH WING WORK:**
THIS AREA WILL BE REMODELED TO ACCOMMODATE THE FOLLOWING UNIVERSITY OF OREGON ARCHITECTURE & ALLIED ARTS DEPARTMENT OFFICES: ART, HISTORY OF ART AND ARCHITECTURE, HISTORIC PRESERVATION, LANDSCAPE ARCHITECTURE, PRODUCT DESIGN; AND CONFERENCE ROOMS.
- 2ND FLOOR WEST WING WORK:**
THIS AREA WILL INCLUDE REMODELING OF 2 CLASSROOMS.
- NEW WORK WILL INCLUDE:**
STRUCTURAL ELEMENTS; INTERIOR PARTITIONS; DOORS; WINDOWS; MECHANICAL WORK; PLUMBING WORK; ELECTRICAL WORK, DATA PATHWAYS FOR O.F.O.I. DATA CABLES & DEVICES; FINISHES; AND CASEWORK.
- FOR WORK BY OTHER - SEE SPECIFICATIONS.**

DESIGN TEAM

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PROJECT TENANT / USER
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JKRUMSICK@Q.COM

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- ARCHITECTURAL**
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ATTACHMENTS

- A. PROJECT MANUAL
- B. PROJECT ATTACHMENTS
- STRUCTURAL ENGINEERING:
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 - MECHANICAL ENGINEERING:
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 - ENERGY COMPLIANCE:
 - COM-CHECK MECHANICAL ENERGY COMPLIANCE CERTIFICATE
 - COM-CHECK INTERIOR LIGHTING ENERGY COMPLIANCE CERTIFICATE

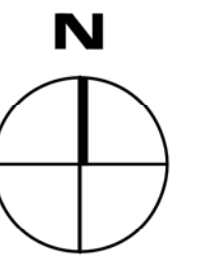
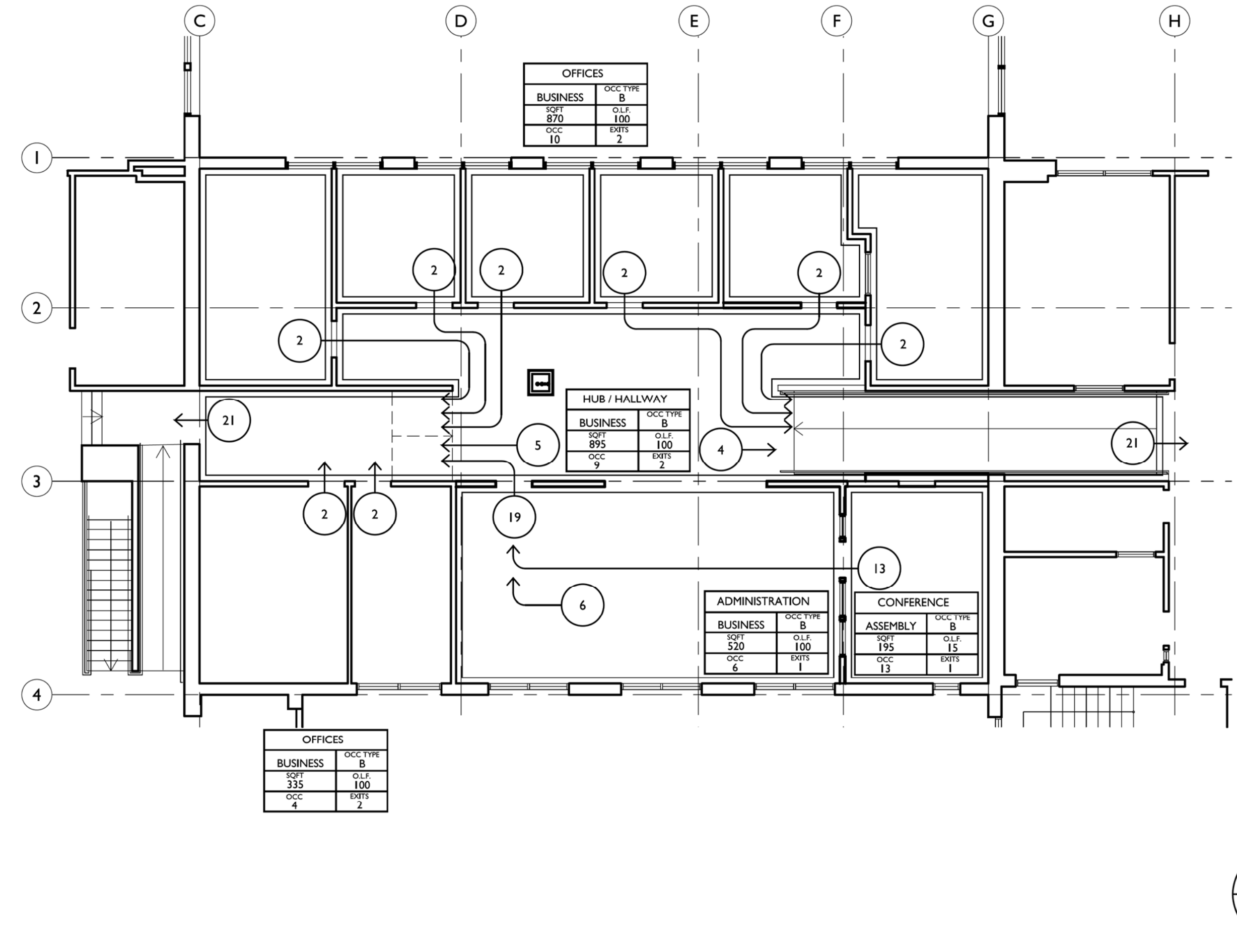
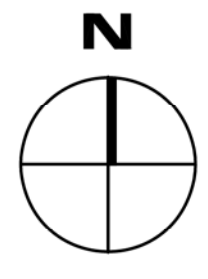
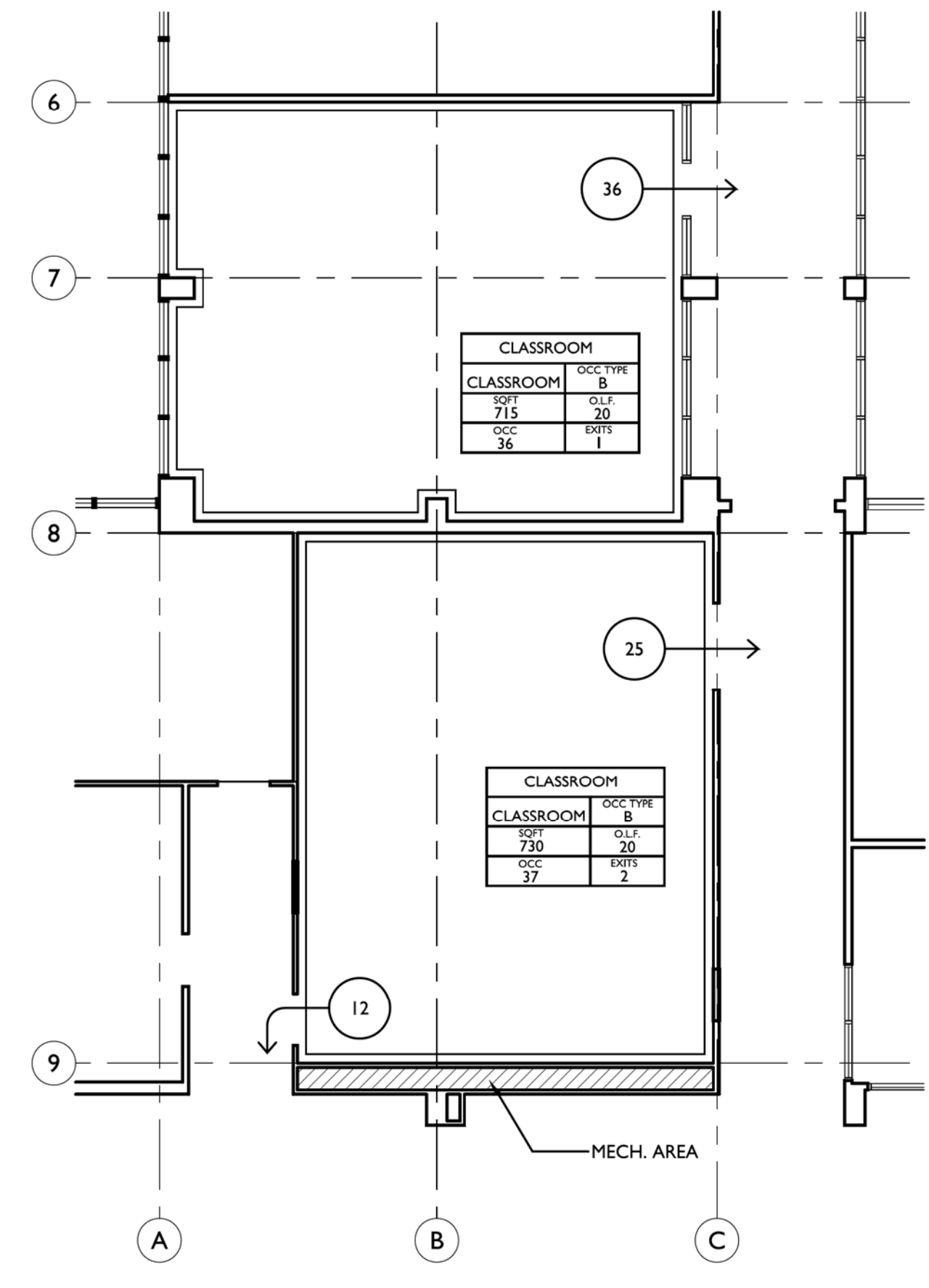
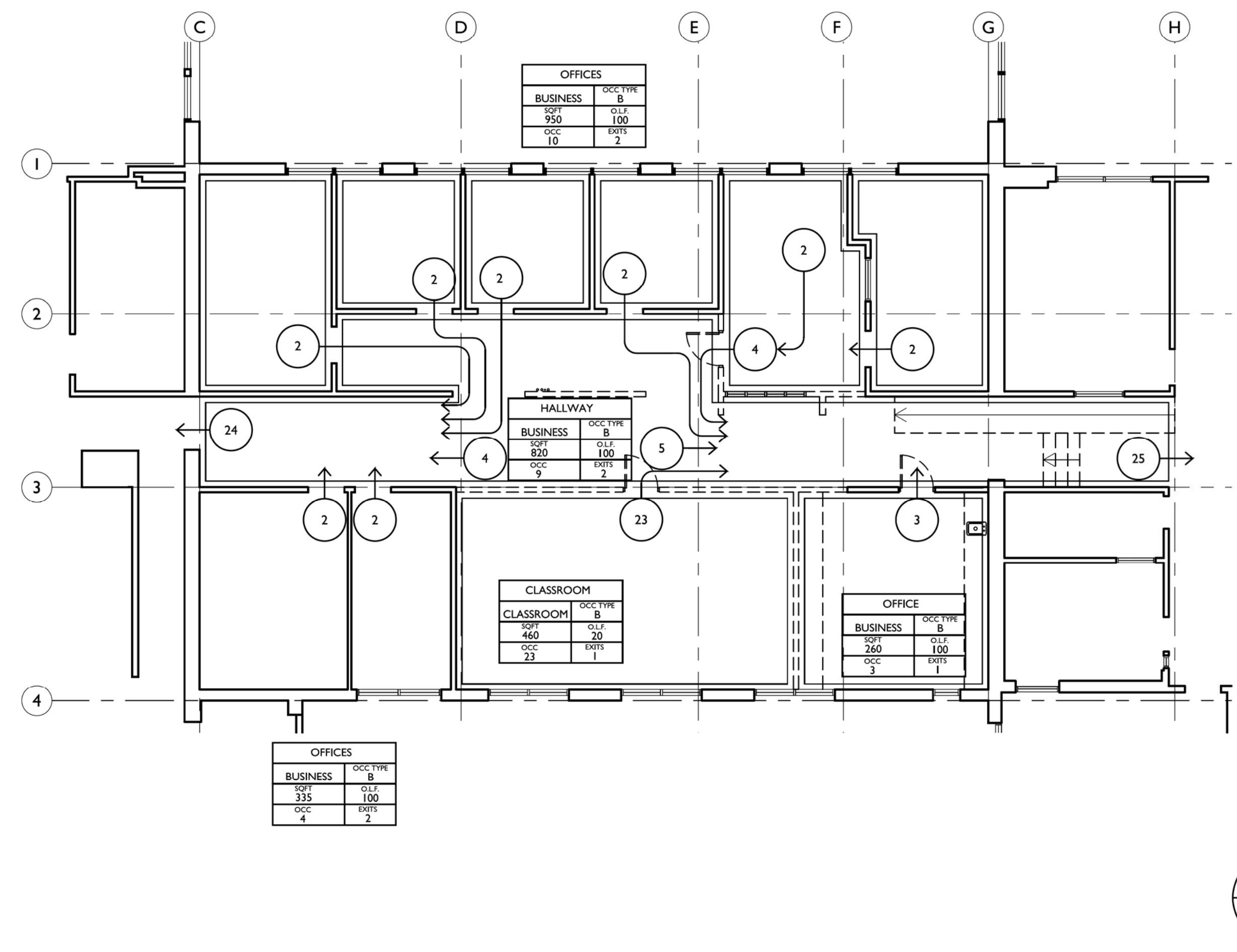
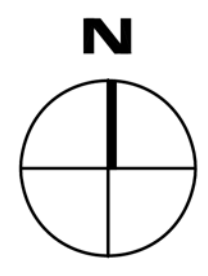
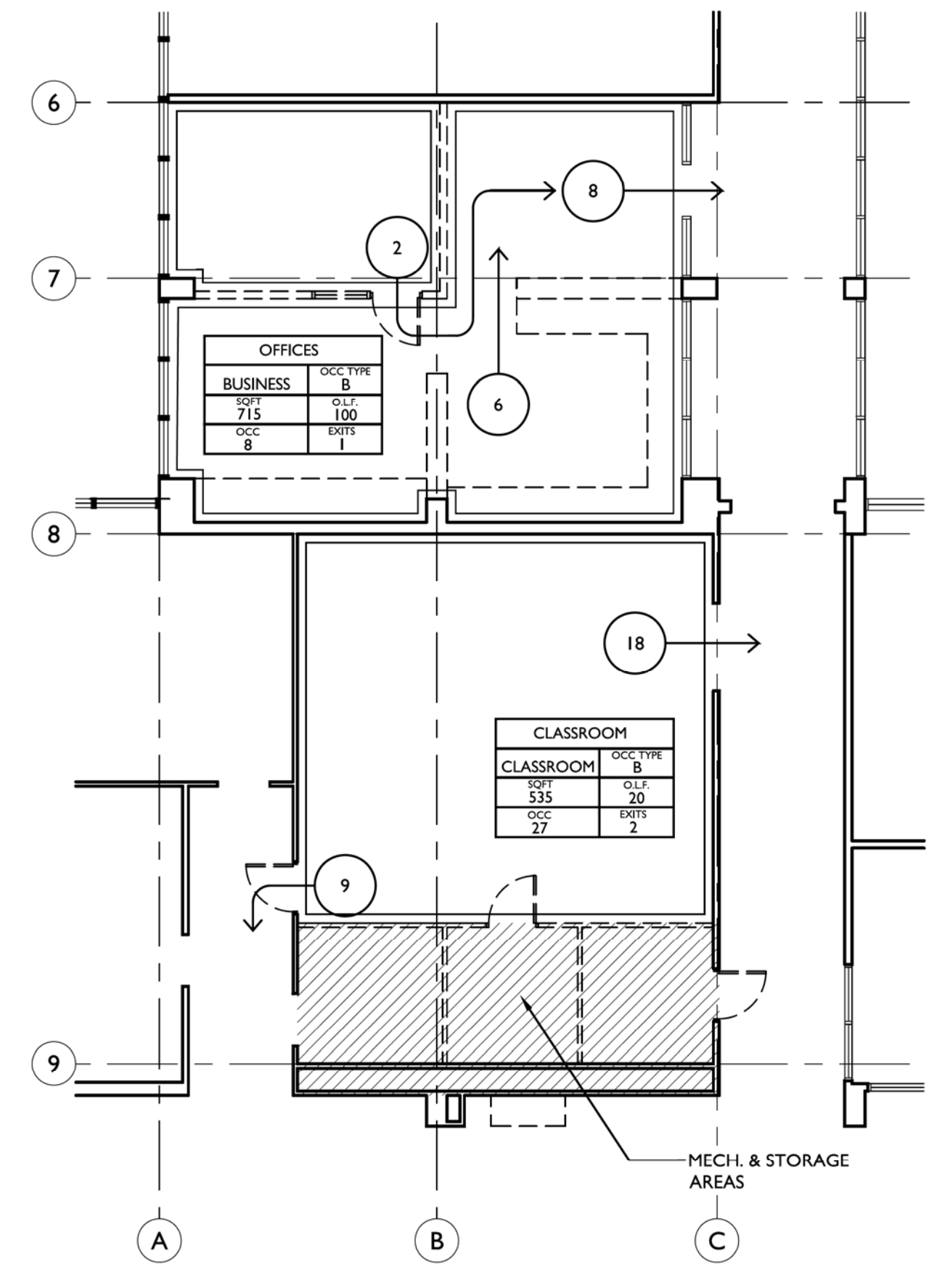
GENERAL NOTES

- BEFORE CONSTRUCTION IS TO BEGIN, THE CONTRACTOR IS TO VERIFY THAT ALL REQUIRED APPROVALS & PERMITS HAVE BEEN OBTAINED. THE CONSTRUCTION OR FABRICATION OF ANY BUILDING COMPONENT MAY BEGIN ONLY AFTER THE CONTRACTOR HAS RECEIVED PLANS & ANY ADDITIONAL DOCUMENTS FROM THE PERMITTING & OTHER REGULATORY AGENCY. IF THE CONTRACTOR FAILS TO DO SO, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RESULTING MODIFICATIONS OF WORK REQUIRED BY ANY REGULATORY AGENCY.
- ALL CONSTRUCTION TO COMPLY WITH THE STATE OF OREGON 2010 STRUCTURAL SPECIALTY CODE AMENDMENTS BASED ON THE 2010 INTERNATIONAL BUILDING CODE.
- THE DRAWINGS REPRESENT THE INTENDED CONSTRUCTED RESULT. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION METHODS & ALL RISKS INVOLVED IN THE CONSTRUCTION, & SHALL MAINTAIN THE STRUCTURAL INTEGRITY OF THE BUILDING & ITS COMPONENTS DURING ALL PHASES OF CONSTRUCTION.
- THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS INCLUDING SAFETY OF ALL PERSONS & PROPERTY DURING THE COURSE OF CONSTRUCTION. THIS REQUIREMENT APPLIES CONTINUOUSLY, & IS NOT LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR AGREES TO DEFEND, INDEMNIFY & HOLD DESIGN PROFESSIONALS HARMLESS FROM ANY & ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY IN THE FIELD ALL DIMENSIONS, ELEVATIONS, & EXISTING CONDITIONS PRIOR TO PROCEEDING WITH THE WORK. ORDERING OR FABRICATION OF ANY MATERIALS. IF DISCREPANCIES ARE FOUND BETWEEN THE CONSTRUCTION DOCUMENTS & EXISTING CONDITIONS, THEY SHALL BE REPORTED TO THE ARCHITECT & RESOLVED BY THE ARCHITECT PRIOR TO PROCEEDING WITH WORK IN THE AFFECTED AREA.
- SHORING & DEMOLITION: THE CONTRACTOR SHALL SAFELY SHORE WHENEVER NECESSARY TO ALLOW DEMOLITION AND/OR INSTALLATION OF NEW CONSTRUCTION. REMOVAL CUTTING & DRILLING OF EXISTING WORK SHALL BE PERFORMED WITH GREAT CARE & APPROPRIATE TOOLS.
- THE CONTRACTOR SHALL COORDINATE ANY REQUIRED TESTING FOR EXISTING ASBESTOS & OTHER HAZARDOUS MATERIALS PRIOR TO ANY DEMOLITION OR REMOVAL WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ABATEMENT OR TREATMENT OF ANY HAZARDOUS MATERIALS IF DISCOVERED, & FOR OBTAINING ALL REQUIRED INSPECTIONS & PERMITS.
- SUBSTITUTION OR CHANGE REQUESTS SHALL BE REVIEWED & APPROVED BY THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
- SHOP DRAWING SUBMITTALS: THE CONTRACTOR SHALL SUBMIT MULTIPLE COPIES OF SHOP DRAWINGS FOR OWNER & ARCHITECT REVIEW, FOR ALL CUSTOM PROJECT COMPONENTS INCLUDING BUT NOT LIMITED TO: DOORS, WINDOWS, STEEL FABRICATIONS, & CASEWORK. CONTRACTOR MUST OBTAIN "REVIEWED, WITHOUT EXCEPTIONS" COMMENT ON SUBMITTAL PRIOR TO ORDERING OR FABRICATION OF COMPONENTS.
- DIMENSIONS ARE TO FACE OF STRUCTURAL OR FRAMING MEMBERS, U.N.O.
- WHERE IT IS CLEAR THAT A DRAWING REPRESENTS ONE ITEM OF A NUMBER, OR ONLY A PART OF AN ASSEMBLY, THE OTHER WORK SHALL BE CONSTRUCTED REPETITIVELY.
- CONFIRM LOCATION & DETAILING OF PENETRATIONS FOR PLUMBING, MECHANICAL, AND ELECTRICAL.
- ALL SAWN JOISTS, HEADERS, BEAMS, AND COLUMNS ARE DOUGLAS FIR #2 UNLESS NOTED OTHERWISE. ALL GLULAM BEAMS ARE 24F-V4 DF/DF UNO.



**COVER SHEET;
PROJECT INFO;
SITE PLAN**

G000



CODE ANALYSIS

EXITING		Chapter 10
Exit Width	Sec. 1005 Table 1005.1	The total width of exits in inches shall not be less than the total occupant load served by an exit multiplied by 0.2 for egress components (not including stairs) (Table 1005.1). Largest occupancy room: 37 persons x 0.2" = 7.4" - OK
Door Swing direction	Sec. 1008.1.2	Doors shall swing in the direction of egress travel where serving an occupant load of 50 or more persons or a Group H occupancy. NA
Panic Door Hardware	Sec. 1008.1.10	Doors serving 50 or more will have Panic Hardware - NA
Number of doors per space	Table 1015.1, 1021	Two Exit Access Doors required where occupancy exceeds: 49 for occupancy B. Sufficient exit doors are provided - NA
Exit Through Intervening Rooms	Sec. 1014.2	No Exits through Intervening Rooms, EXCEPT: "where such adjoining or intervening rooms or areas are accessory to the areas served..." - OK
Dead-end Corridors	Sec. 1018.4	Maximum Dead-End Corridor length in sprinklered buildings: B occupancy: 50'. Actual Max. Distance in building is 17' - OK
Egress Illumination	Sec. 1006.1-3	Illumination required at ≥ 1 fc at walking surface of means of egress, with emergency backup for ≥ 90 mins, EXCEPT: "in buildings required to have two or more exits" - will be provided -
Exit Signage	Sec. 1011.1-2	Exit doors and path of travel shall be marked by illuminated exit signs, EXCEPT "in rooms or areas that require only one exit" - will be provide - OK
Accessibility	Sec. 11	All areas, including ramp, shall be accessible. OK

HAZARDOUS MATERIALS	VENTILATION REQUIREMENTS
Not Applicable	See Mechanical

ENERGY CODE REQUIREMENTS
 All new mechanical and electrical equipment will comply with 2010 Oregon Energy Efficiency Specialty Code.
 Oregon Energy Code Compliance Forms as required. - Provided



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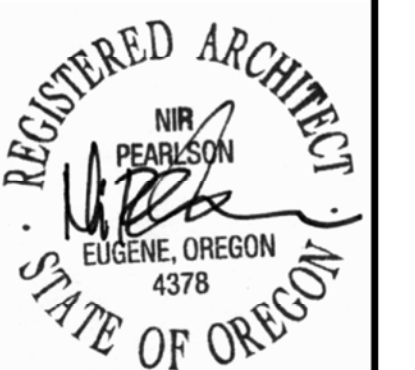
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EGRESS DIAGRAM; CODE ANALYSIS

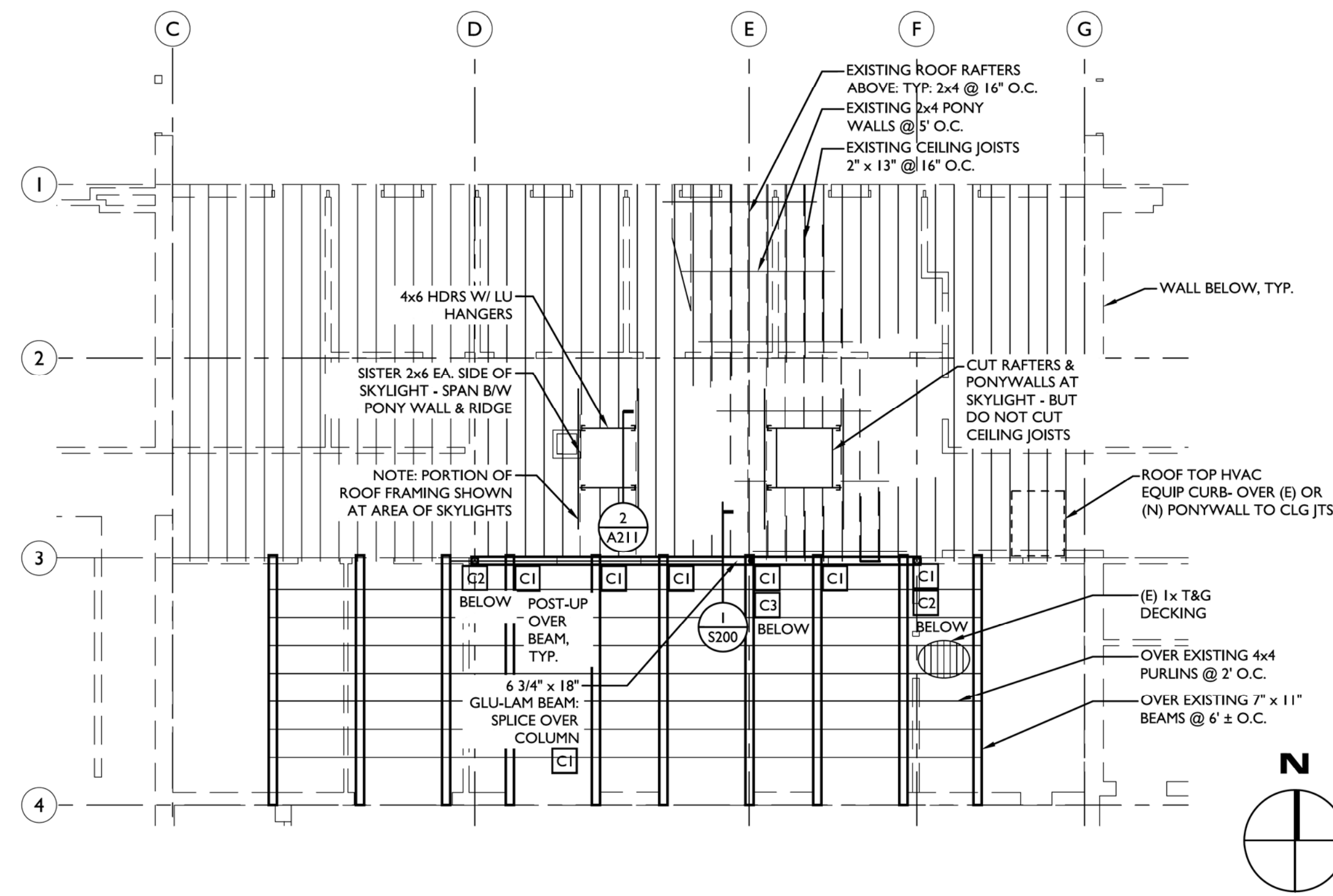
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1 1/8" = 1'-0" EXISTING WEST WING EGRESS DIAGRAM

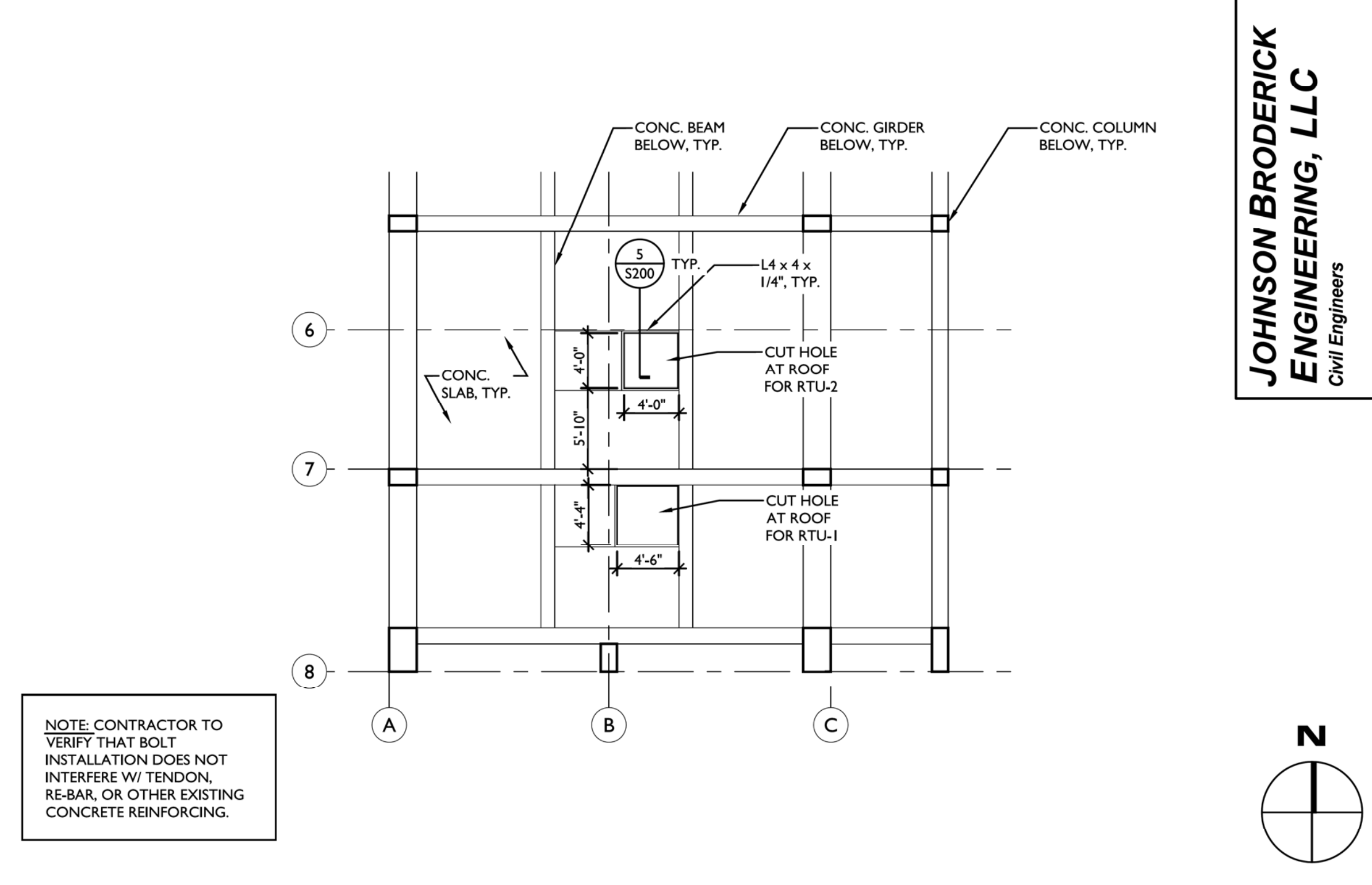
3 1/8" = 1'-0" EXISTING NORTH WING EGRESS DIAGRAM

2 1/8" = 1'-0" PROPOSED WEST WING EGRESS DIAGRAM

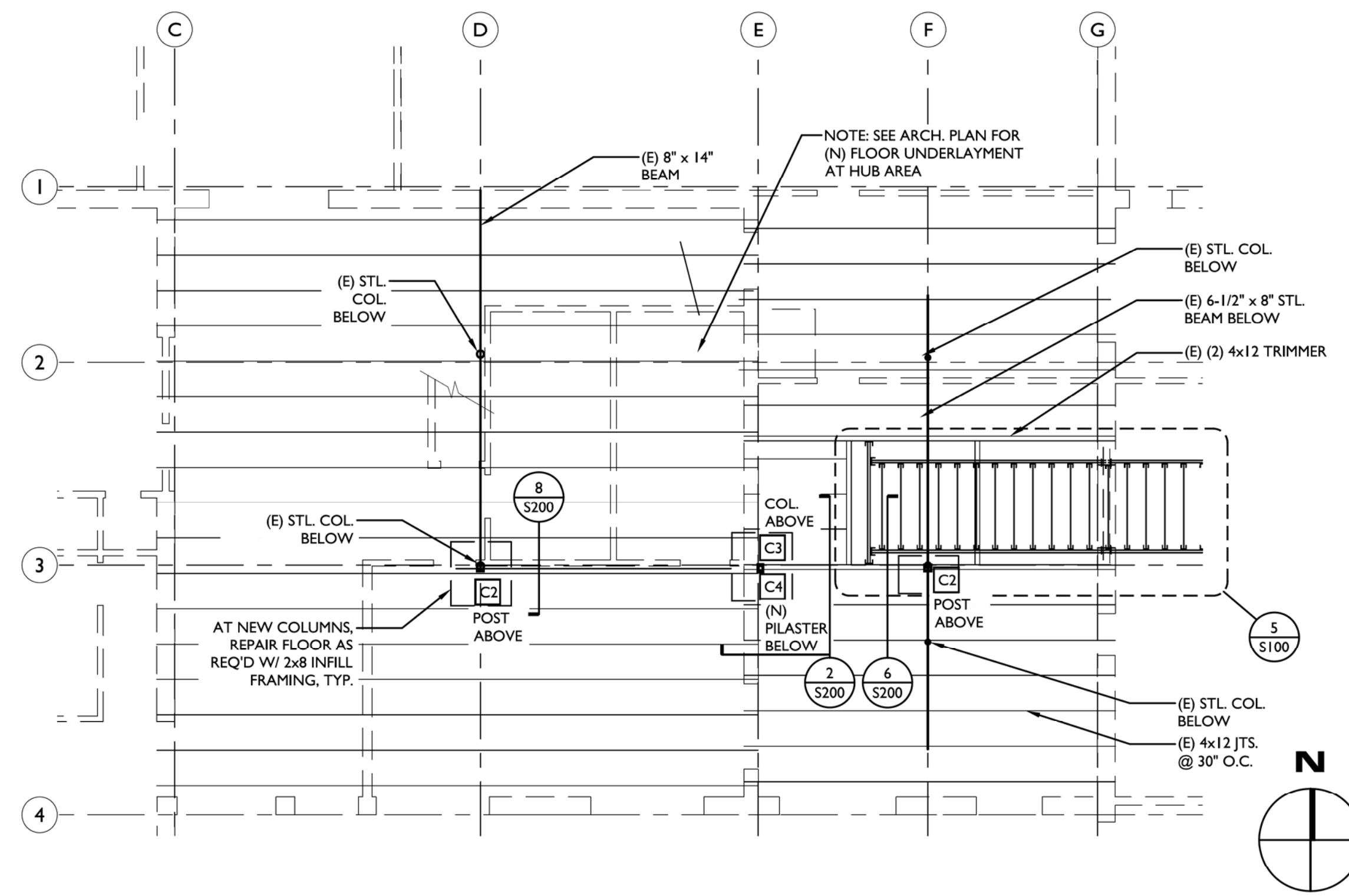
4 1/8" = 1'-0" PROPOSED NORTH WING EGRESS DIAGRAM



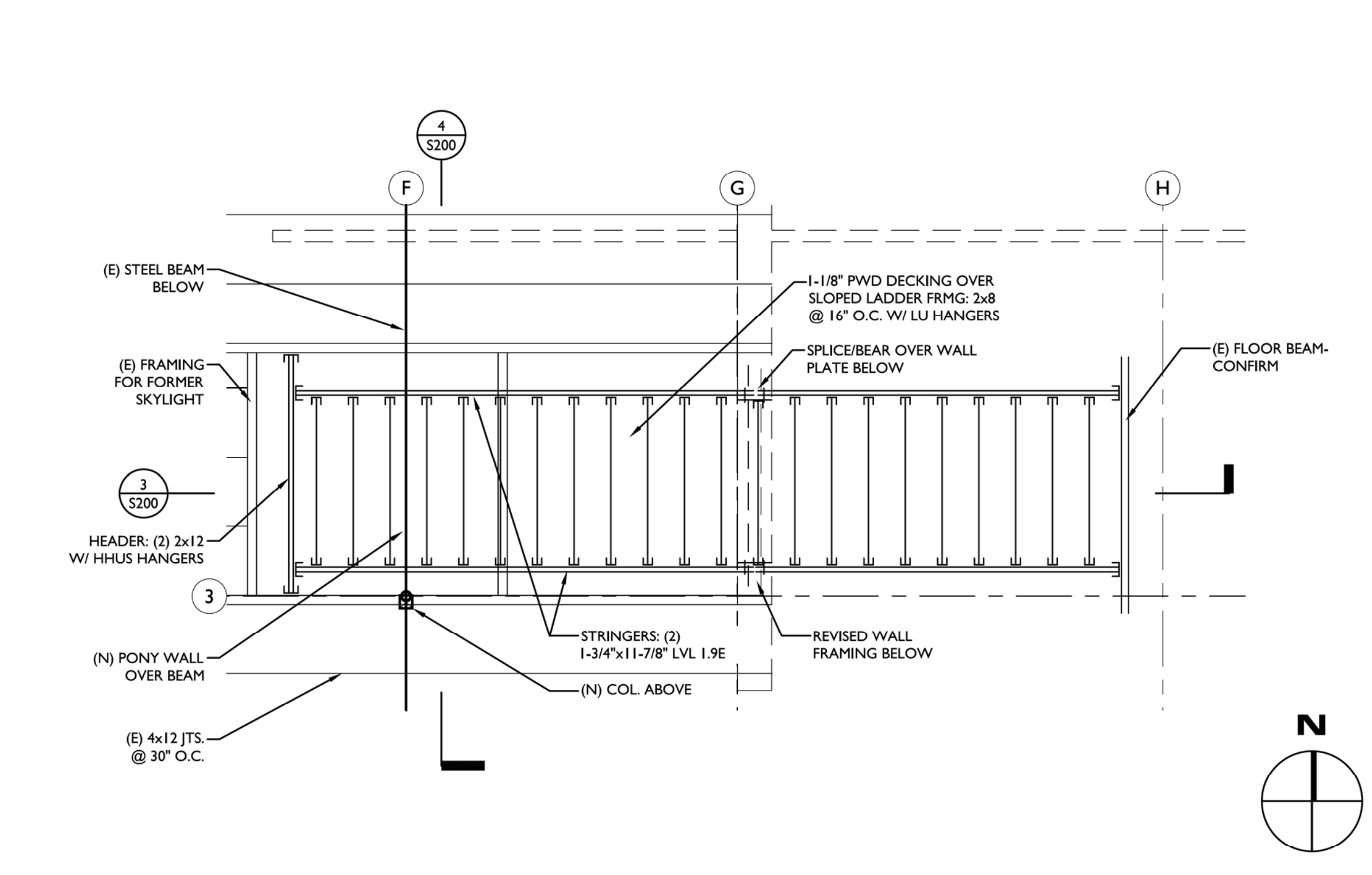
1 1/8" = 1'-0" CEILING STRUCTURAL PLAN - SHOWING PORTION OF ROOF FRAMING AT SKYLIGHTS



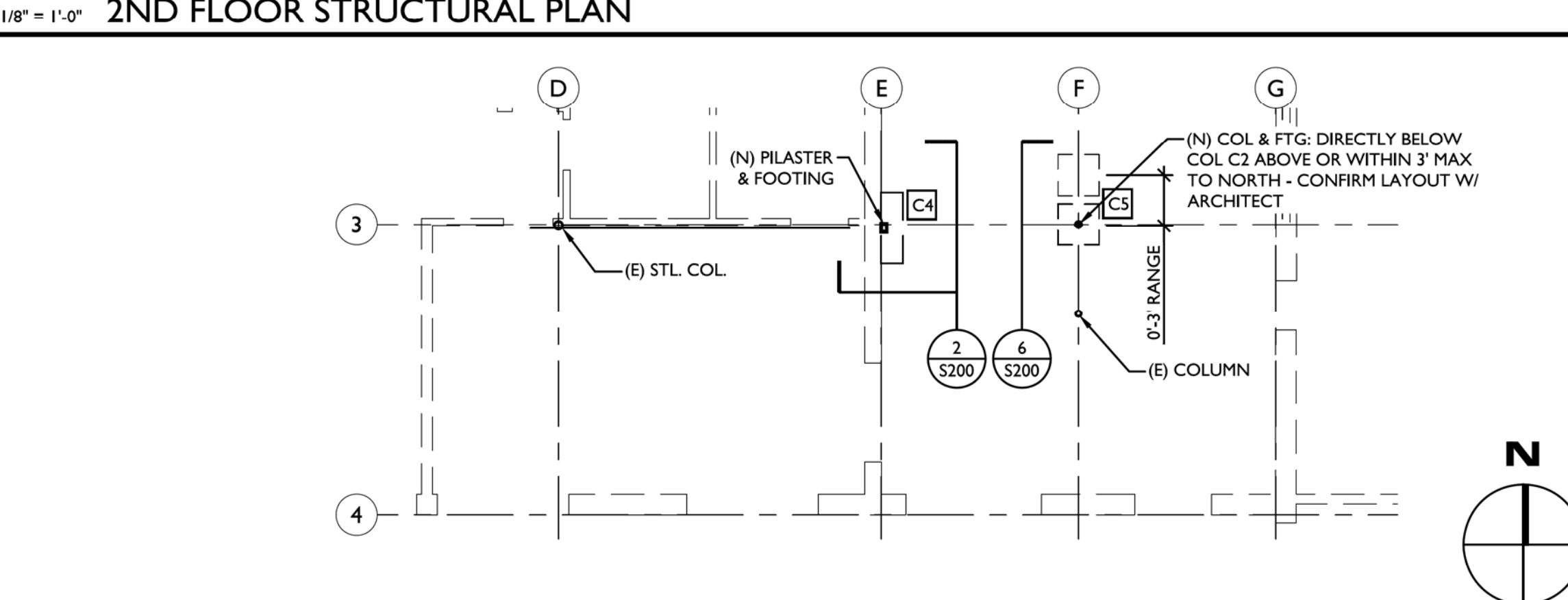
4 1/8" = 1'-0" WEST WING ROOF STRUCTURAL PLAN



2 1/8" = 1'-0" 2ND FLOOR STRUCTURAL PLAN



5 1/4" = 1'-0" RAMP FRAMING PLAN



3 1/8" = 1'-0" 1ST FLOOR STRUCTURAL PLAN

COLUMN SCHEDULE						
COLUMN DESIGNATION	DIMENSIONS / MATERIAL	FOOTING	BASE HARDWARE	CAP HARDWARE	QUANTITY	
C1	CEILING TO GLULAM BEAM POST-UP	4x6 D.F. POST-UP	GLU-LAM BEAM BELOW	(2) A35	6	
C2	GLULAM BEAM TO 2ND FLOOR	6x6 D.F. POST	EXISTING FLOOR BEAMS BELOW	AB66	(2)HCE6 -OR- ENGAGE WITH FRAMING	
C3	GLULAM BEAM TO 2ND FLOOR	3 1/2" Ø STEEL COL.	COL C4 BELOW	WELDED BASE PL. - PER DTLS.	WELDED CAP - PER DTLS.	1
C4	2ND FLOOR BEAM TO FOUNDATIONS	4" x 6" x 1/4" T.S.	4'-4" x 1'-4" x 1'-4" CONC. FTG. W/ #4 @ 8" E.W. @ BOT.	WELDED BASE PL. - PER DTLS.	WELDED TOP PL. - PER DTLS.	1
C5	2ND FLOOR BEAM TO FOUNDATIONS	3 1/2" Ø STEEL COL.	2'-6" x 2'-6" x 1'-0" CONC. FTG. W/ #4 @ 8" E.W.	WELDED BASE PL. - PER DTLS.	WELDED CAP - PER DTLS.	1

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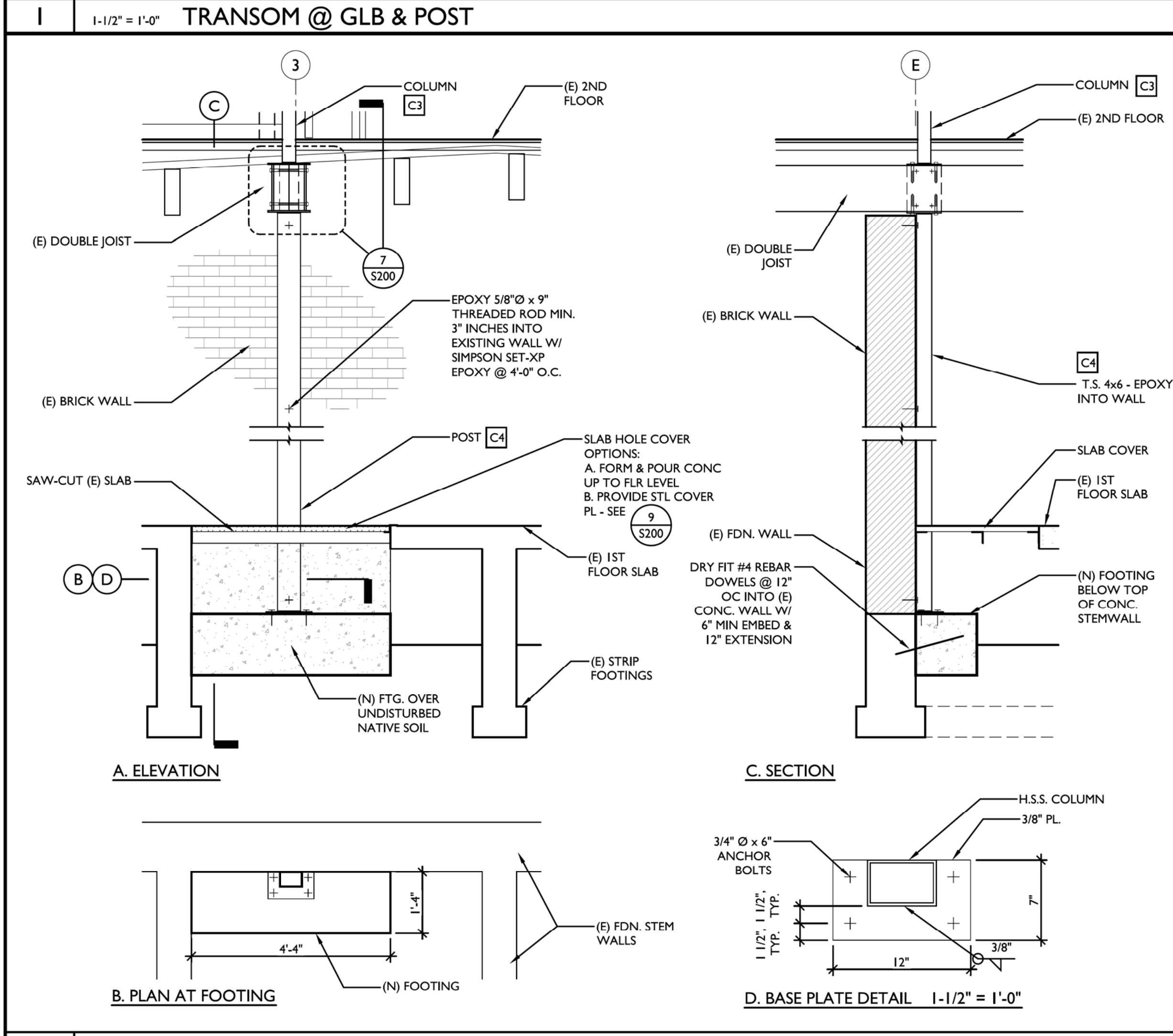
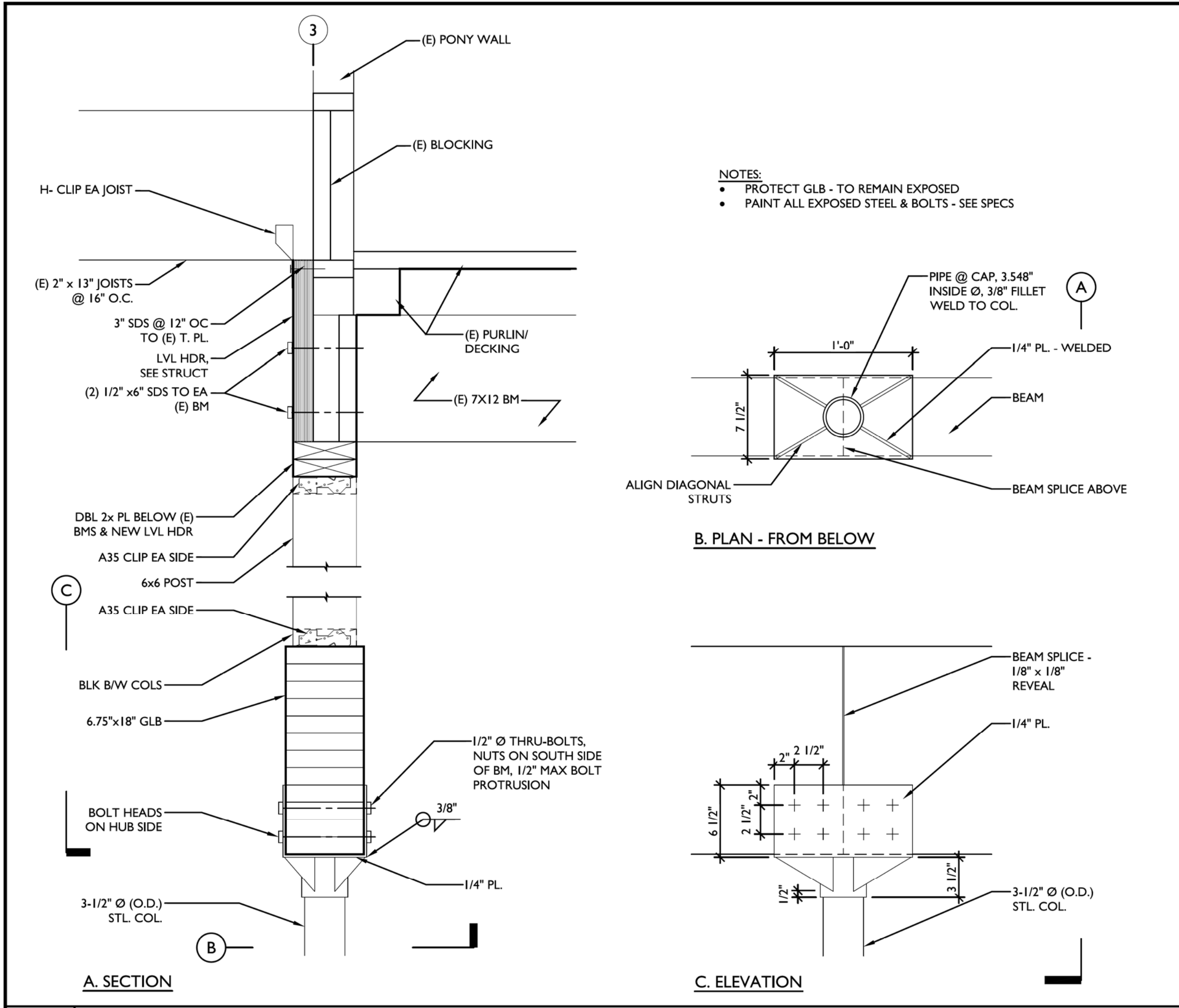
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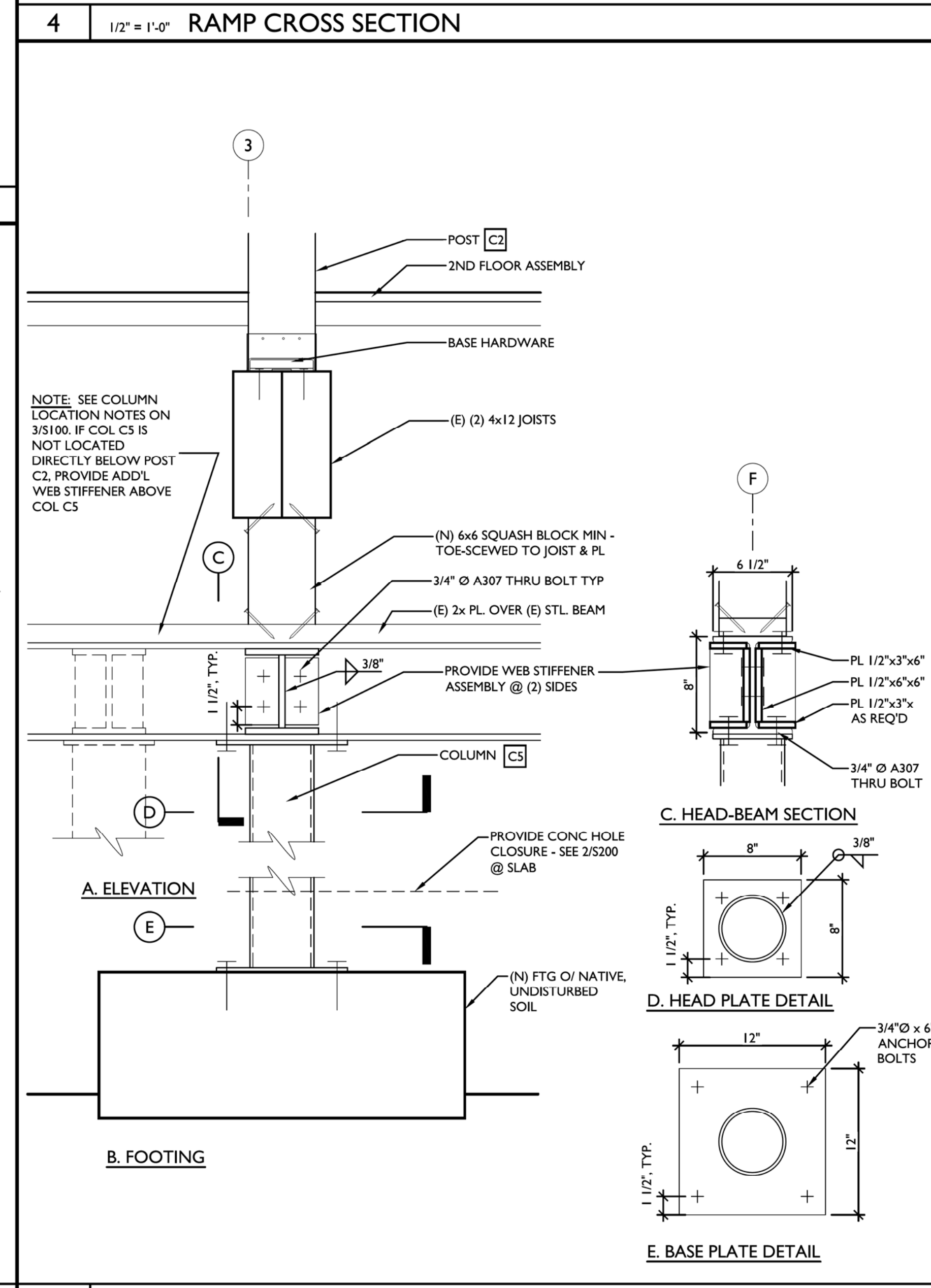
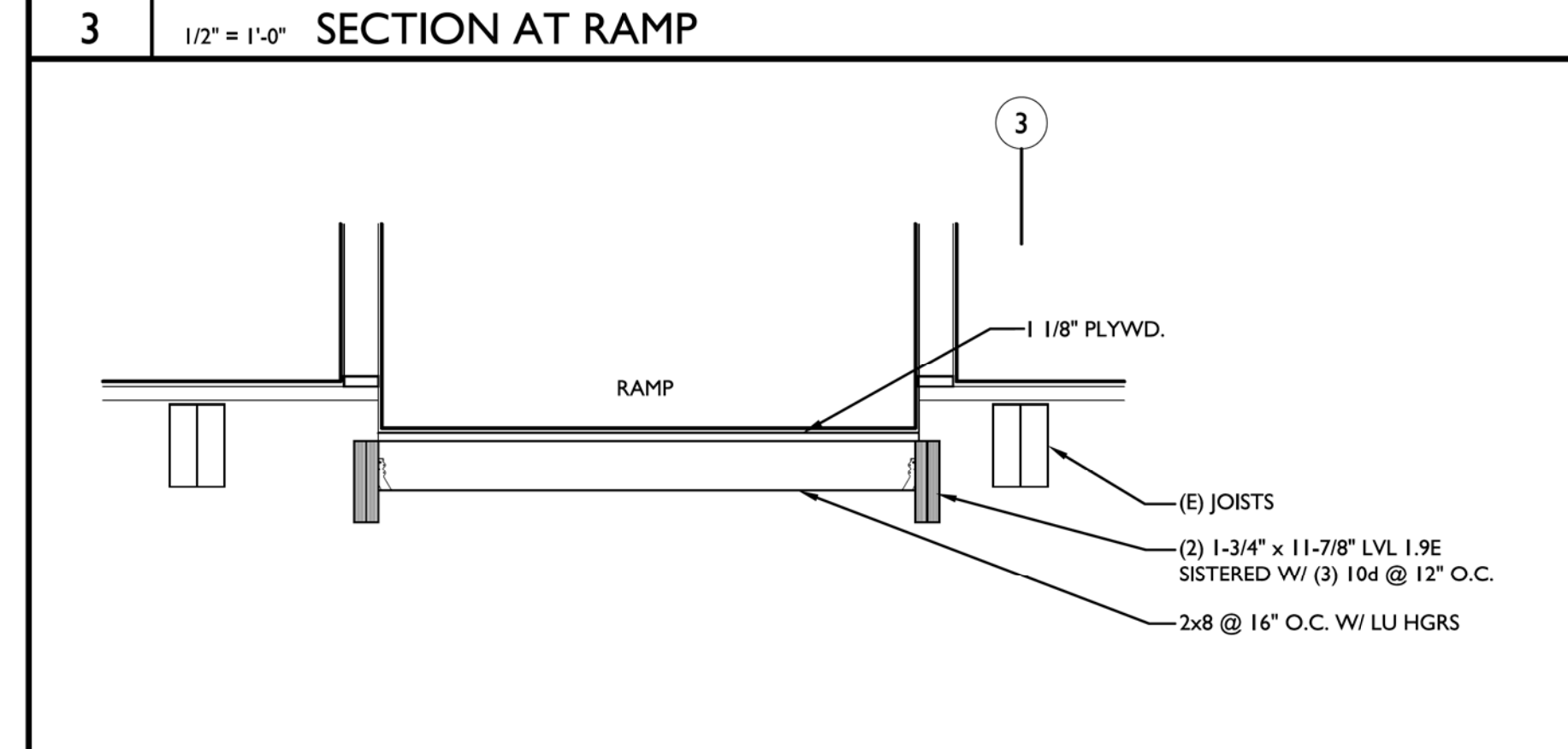
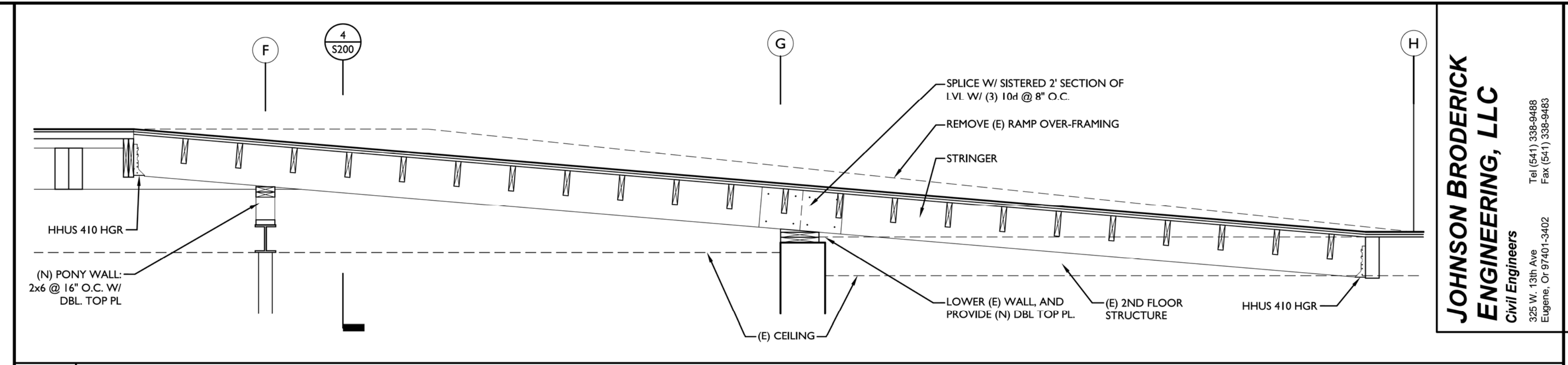
STRUCTURAL PLANS

S100

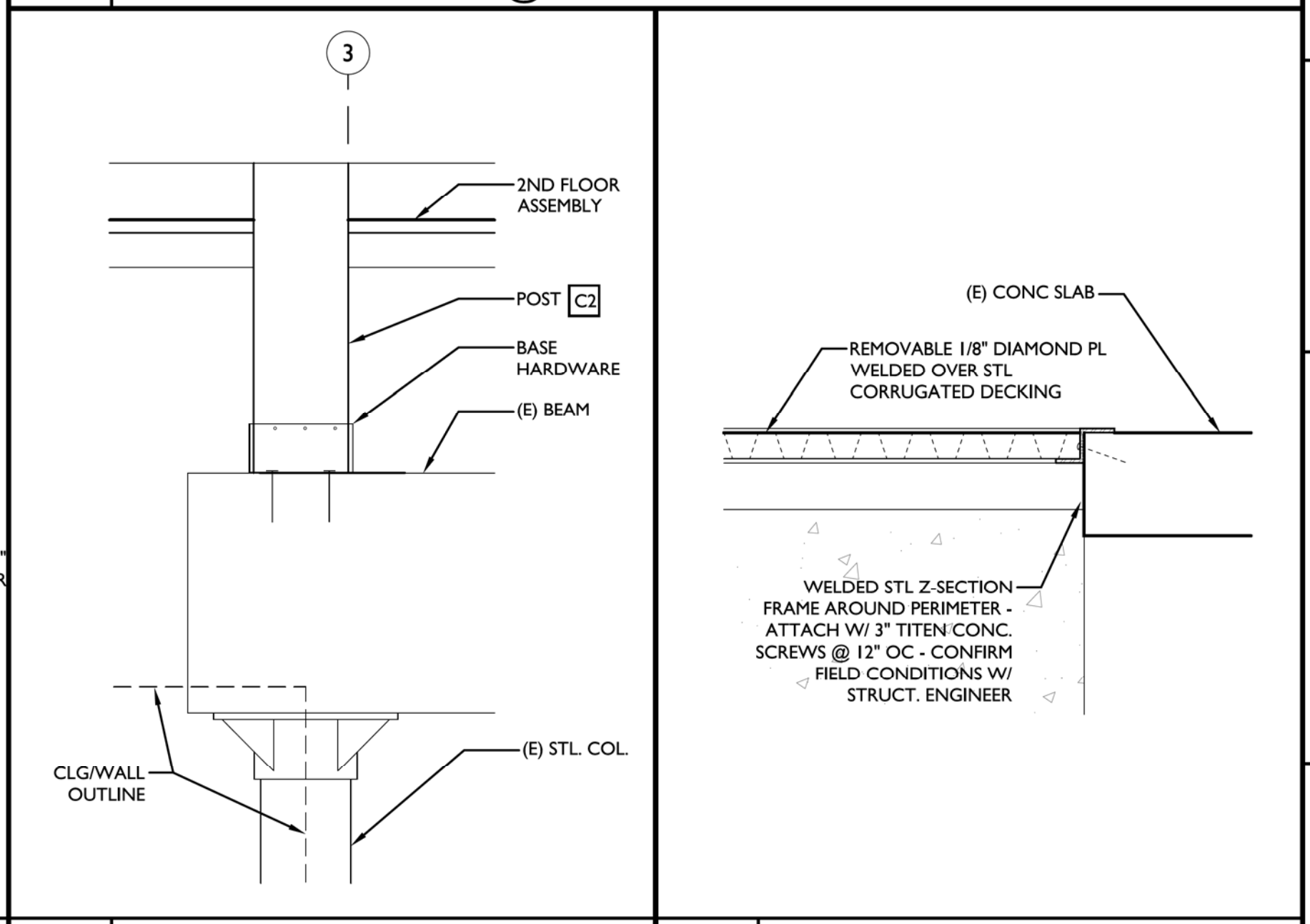
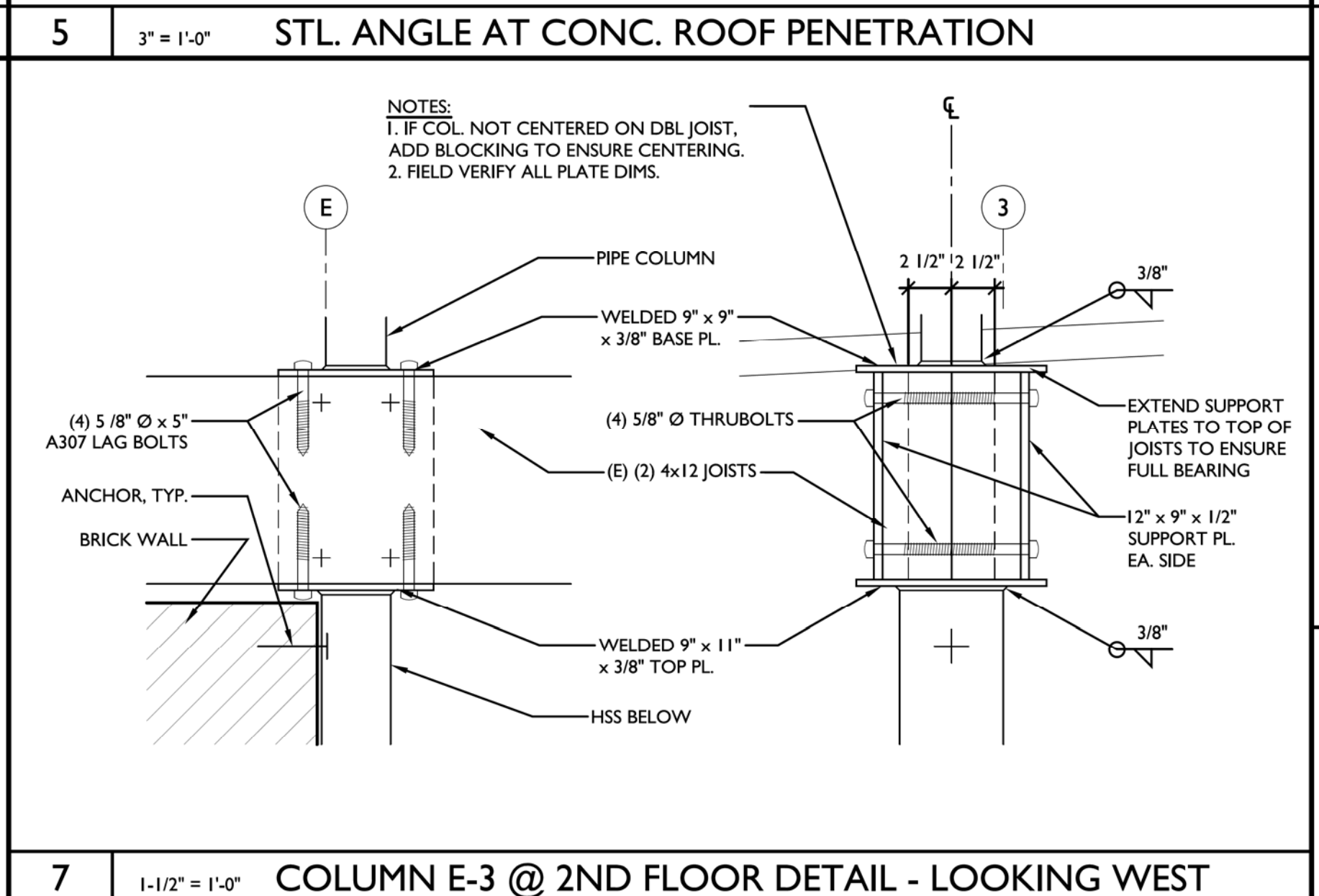
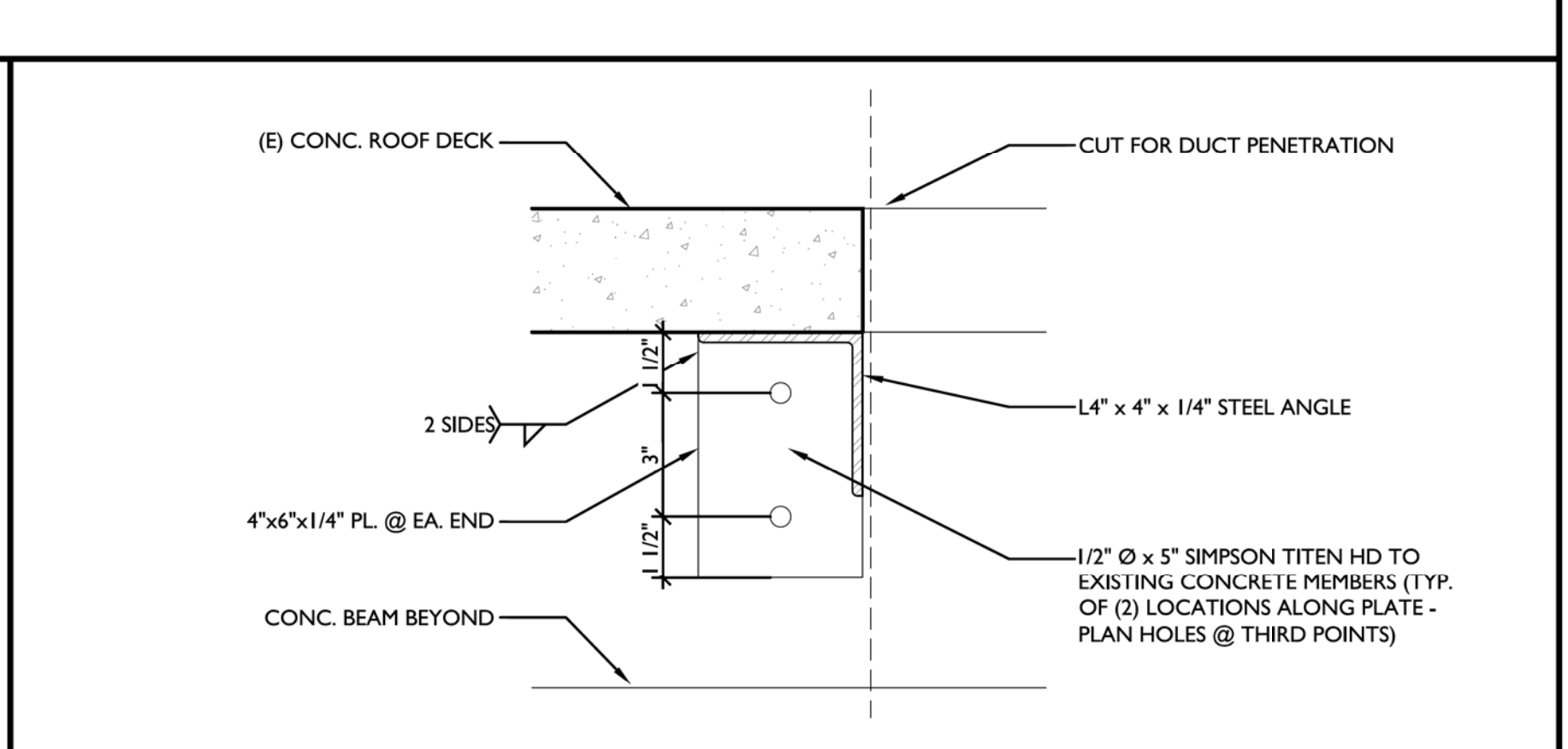
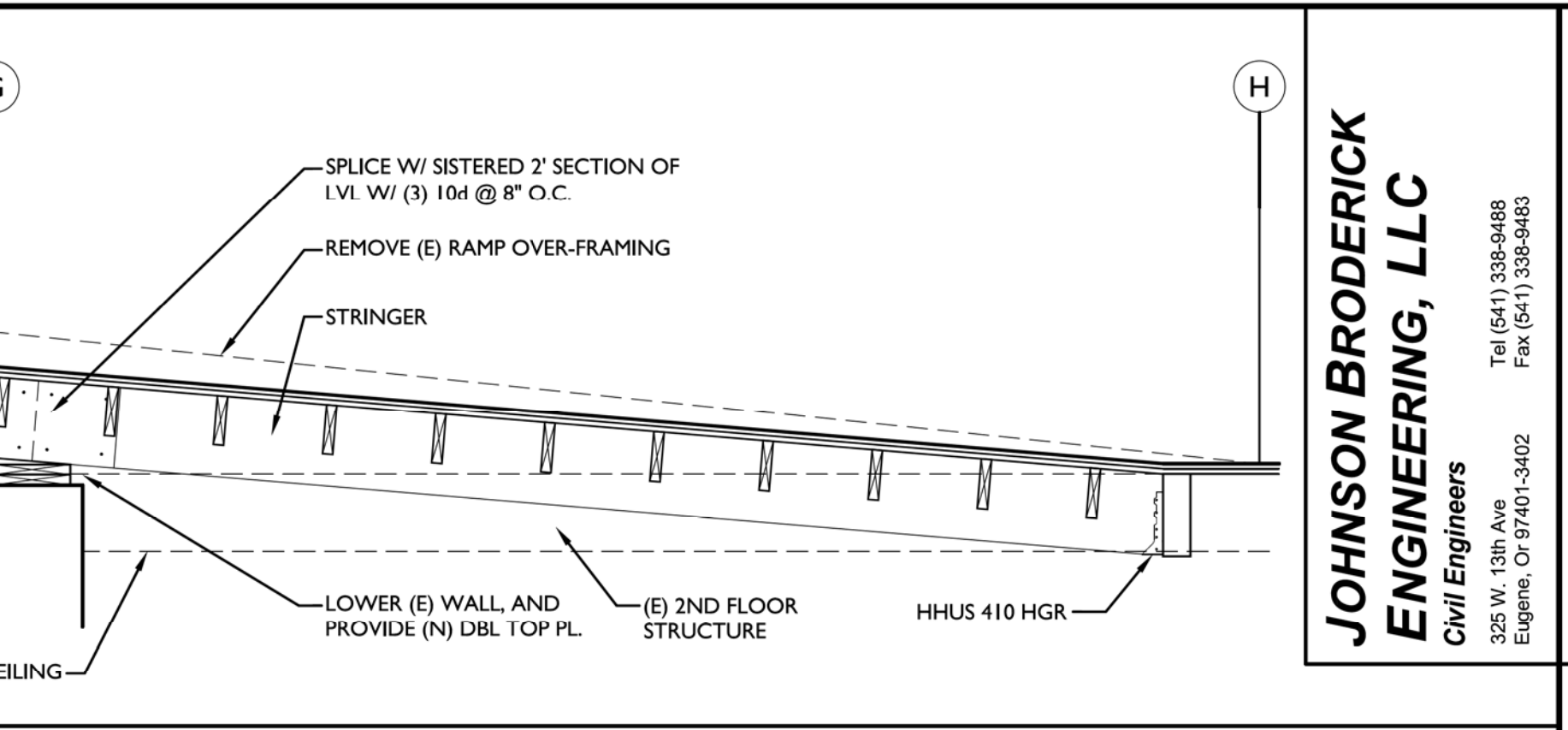
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2 1/2" = 1'-0" **COLUMN C4 DETAILS**



6 1-1/2" = 1'-0" **COLUMN C5 DETAILS - SECTION LOOKING EAST**



8 1-1/2" = 1'-0" **COL. F-3 @ 2ND FL.**

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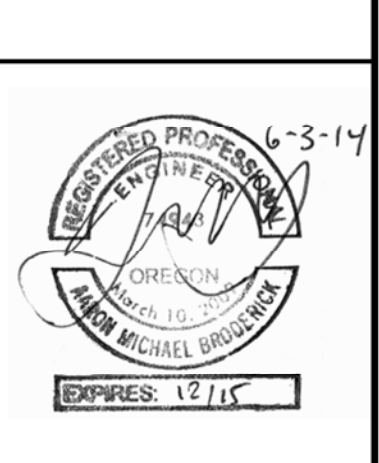
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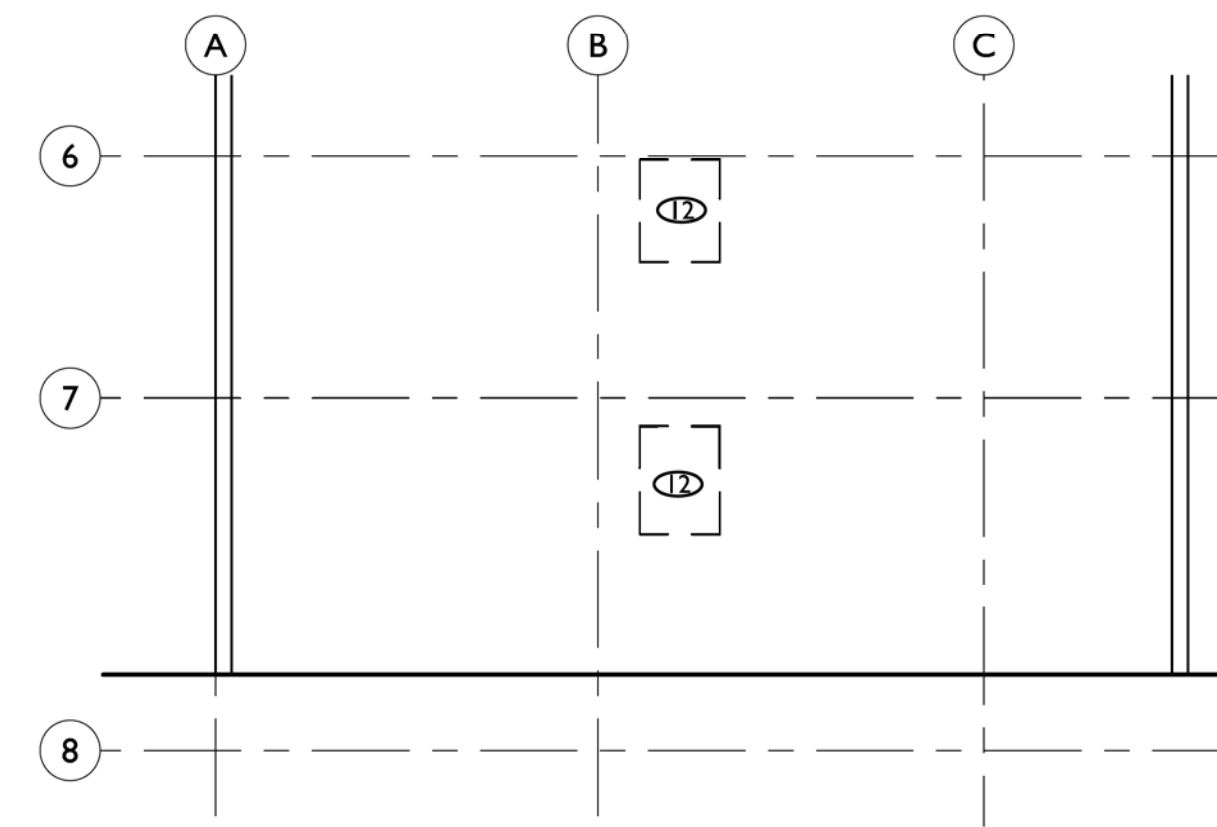
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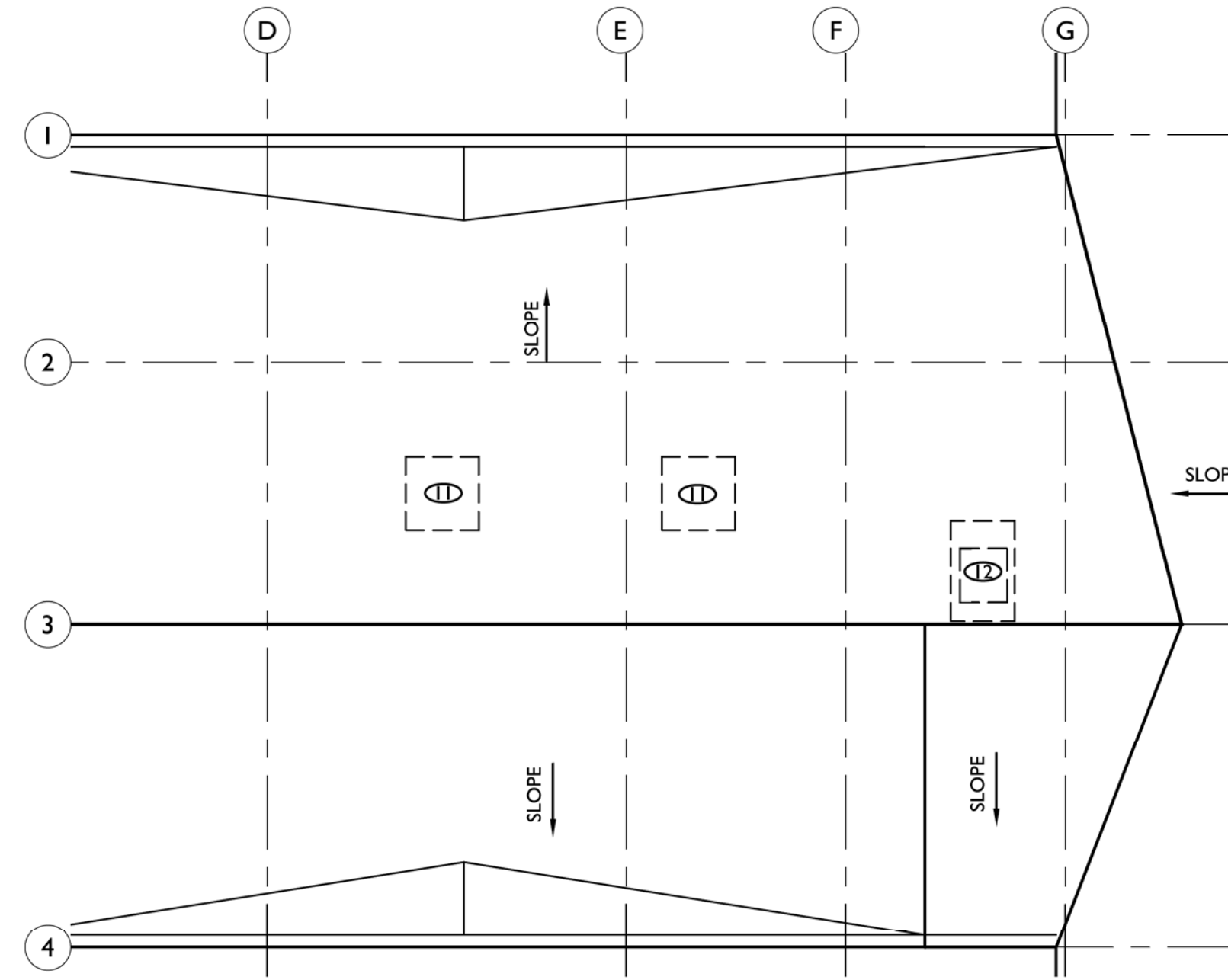
STRUCTURAL SECTIONS; DETAILS

S200

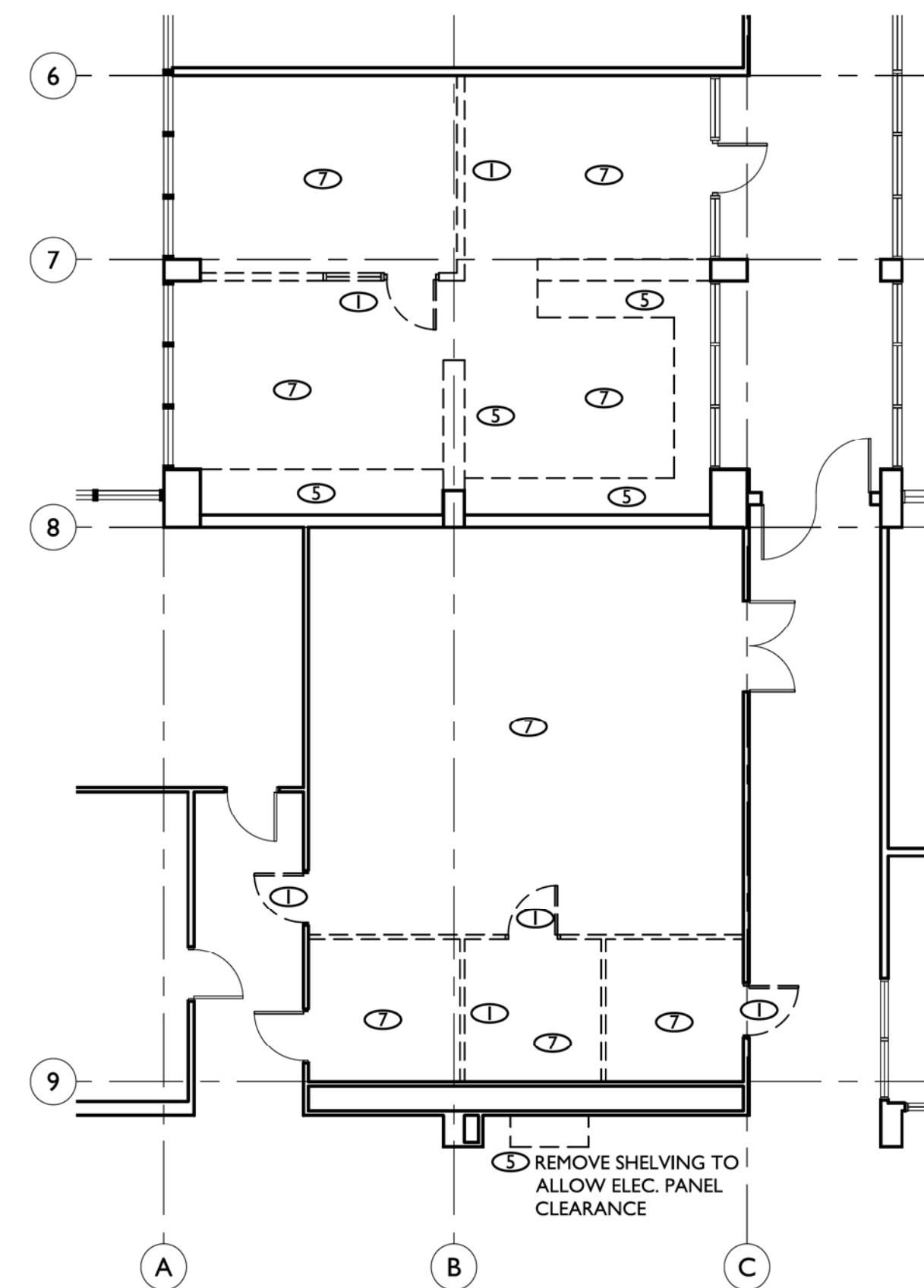
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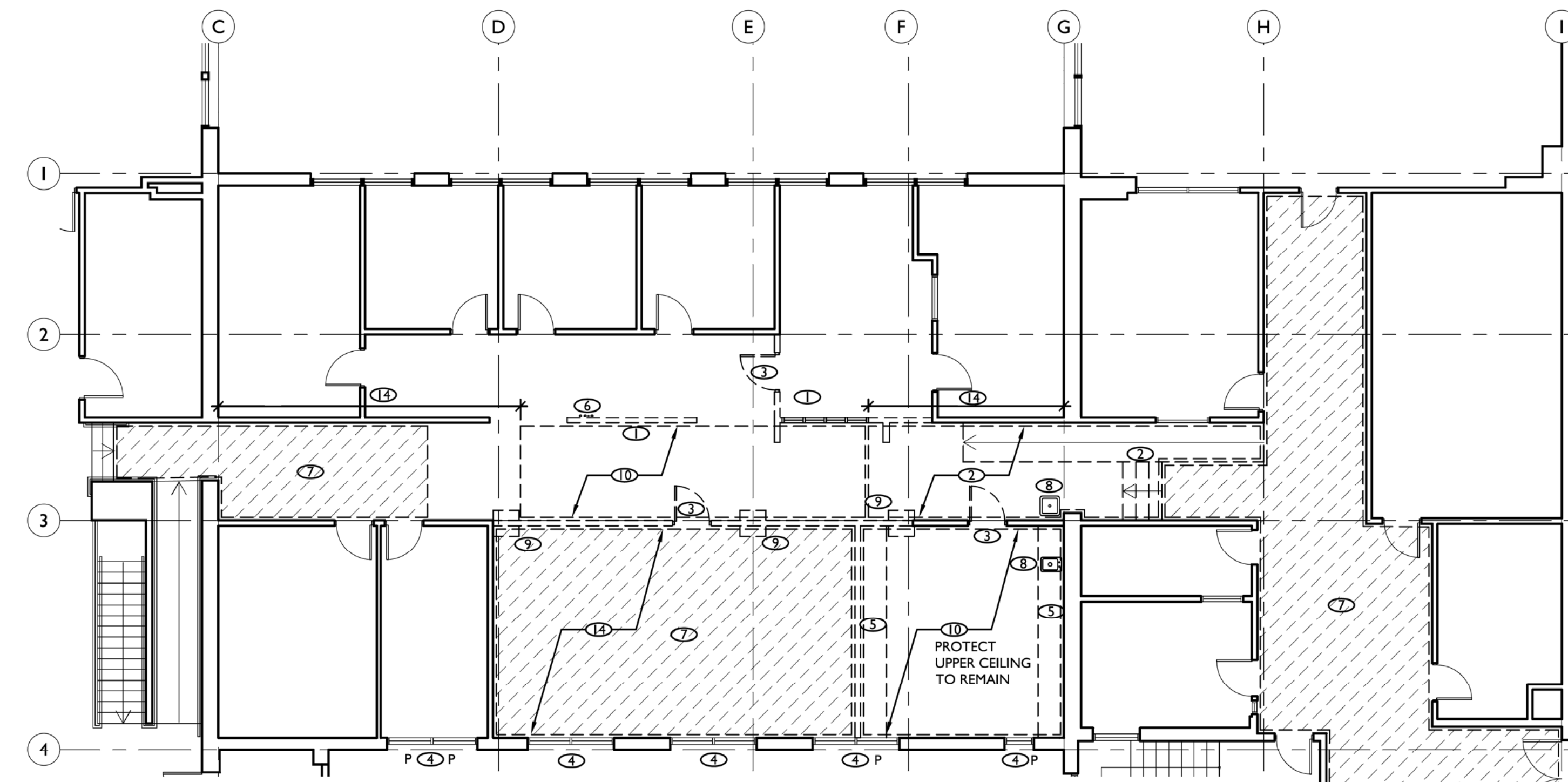
1 1/8" = 1'-0" WEST WING ROOF DEMOLITION PLAN



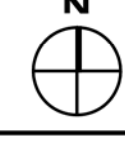
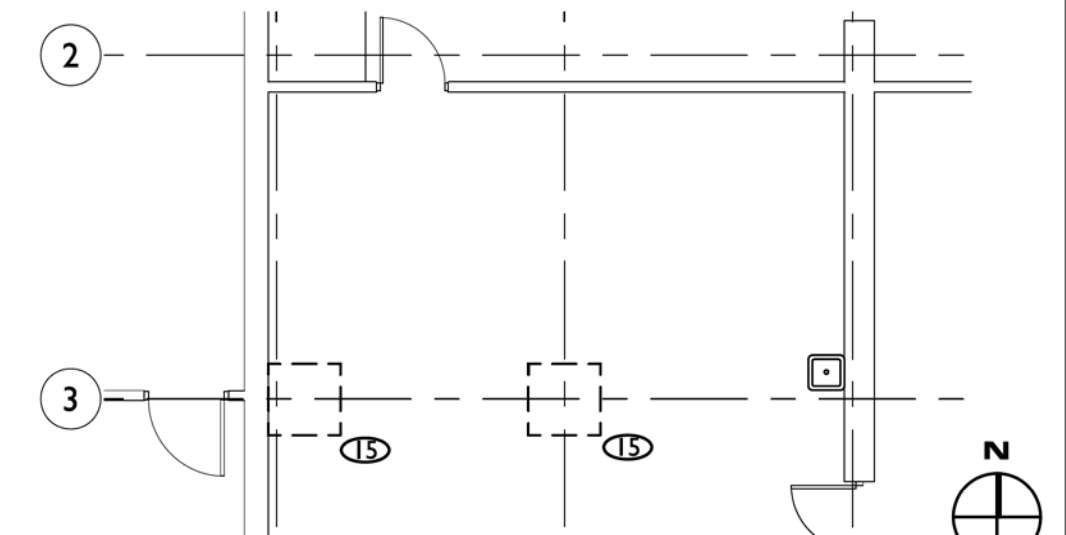
3 1/8" = 1'-0" NORTH WING ROOF DEMOLITION PLAN



2 1/8" = 1'-0" WEST WING 2ND FLOOR DEMOLITION PLAN



4 1/8" = 1'-0" NORTH WING 2ND FLOOR DEMO. PLAN



5 1/8" = 1'-0" 1ST FLOOR DEMOLITION PLAN

DEMOLITION GENERAL NOTES

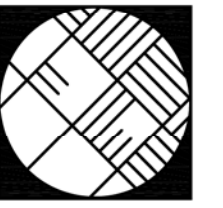
- A. COORD. BUILDING COMPONENT & FIXTURE SALVAGE & PROTECTION W/ OWNER, INCLUDING DOORS & WINDOWS.
- B. PROVIDE ADEQUATE TEMPORARY SHORING, BRACING, & SUPPORT PRIOR TO REMOVING (E) STRUCTURAL ELEMENTS.
- C. WHEN REMOVING (E) FRAMING MEMBERS, USE CARE & PROTECT FRAMING TO REMAIN.
- D. REMOVE ELEC. & PLUMBING FIXTURES & LINES AS NEEDED TO ALLOW FOR NEW WORK.
- E. FOR ELECTRICAL DEMOLITION - SEE ELECTRICAL PLANS.
- F. FOR MECHANICAL DEMOLITION - SEE MECHANICAL PLANS.
- G. REMOVE INTERIOR FLOOR, WALL, & CEILING FINISHES AS NEEDED TO ALLOW FOR NEW WORK.
- H. ALL MATERIALS TO BE REMOVED SHALL BE RECYCLED TO THE GREATEST EXTENT POSSIBLE.
- I. ASBESTOS ABATEMENT: ASBESTOS REMOVAL AND ABATEMENT WILL BE DONE BY OTHERS - COORDINATE W/ OWNER - SEE SPECS.

DEMOLITION KEY NOTES

- 1 REMOVE INTERIOR WALL OR BUILDING ELEMENT
- 2 REMOVE STAIRS AND RAMP: FINISHES, RAILINGS, DECKING, & FRAMING - TO ACCOMMODATE NEW RAMP.
- 3 REMOVE DOOR, TO BE RELOCATED - PROTECT.
- 4 REMOVE WINDOW SASH; PROTECT TRANSOM, FRAME, & SILL TO REMAIN IN PLACE. WHERE NOTED "P" - STORE & PROTECT TO BE RE-USED.
- 5 REMOVE FIXTURES, CASEWORK
- 6 PROTECT DATA CONDUIT TO REMAIN
- 7 REMOVE FLOORING & RUBBER BASE (AT NORTH WING - WHERE HATCHED). NOTE: SEE ASBESTOS ABATEMENT NOTES.
- 8 REMOVE SINK & WATER FOUNTAIN. NOTE: PROTECT PLUMBING LINES WHERE NEW SINK IS TO BE INSTALLED.
- 9 CUT FLOOR DECKING AS REQ'D FOR (N) STRUCTURAL WORK - SEE STRUCTURAL PLANS.
- 10 REMOVE CEILING FINISH & NON-STRUCTURAL LOWER CEILING & SOFFIT FRAMING. - SEE SECTIONS.
- 11 ROOF: REMOVE ROOFING, DECKING & RAFTER SECTIONS AS REQ'D. FOR SKYLIGHT. NOTE: DO NOT REMOVE CEILING JOISTS - PROTECT TO REMAIN.
- 12 ROOF: REMOVE ROOFING & CUT PENETRATIONS AS REQ'D. FOR (N) HVAC EQUIPMENT & CURBS.
- 13 REMOVE CEILING GYP. BD. & ACOUSTICAL TILES - PROTECT STRUCTURE TO REMAIN VISUAL
- 14 REMOVE CEILING TILES AT LOW HALLWAY CEILING - TO BE REPLACED WITH NEW TILES
- 15 REMOVE SECTION OF CONCRETE SLAB AS REQ'D. FOR (N) COLUMN FOOTINGS - SEE STRUCT. PLANS

DEMOLITION LEGEND

- WALL TO REMAIN
- WALL OR ELEMENT TO BE DEMOLISHED



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DEMOLITION
PLANS

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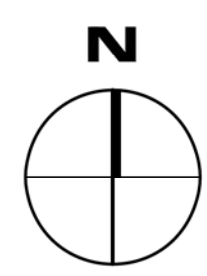
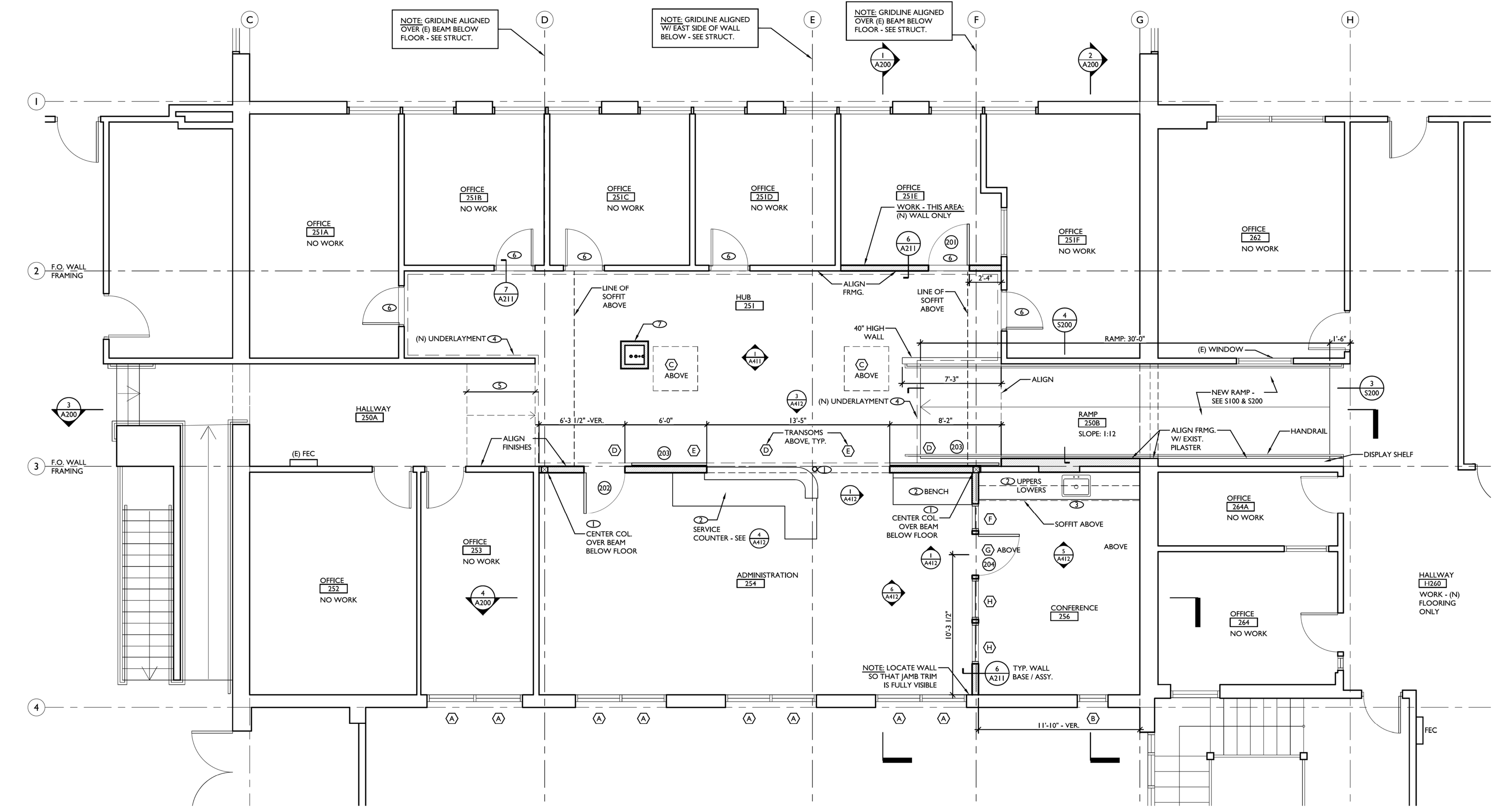
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NORTH WING:
FLOOR PLAN;
DOOR & WINDOW
SCHEDULES

A110

OF



I 1/4" = 1'-0" FLOOR PLAN

DOOR SCHEDULE				
DOOR	DOOR SIZE	ROOM NAME (#)	DESCRIPTION	NOTES/FUNCTION/DETAILS
201	3'-0" x 7'-0"	OFFICE (251E)	EXISTING/SWING	RELOCATE FROM 251E
202	3'-0" x 7'-0"	ADMINISTRATION (254)	EXISTING/SWING	RELOCATE FROM 254
203	13'-6" x 8'	ADMINISTRATION (254)	CUSTOM BY CONTRACTOR	DOUBLE BARN DOOR - SEE 3/A211, 4/A412
204	3'-0" x 7'-0"	CONFERENCE (256)	EXISTING/SWING	RELOCATE FROM 256

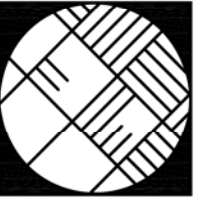
WINDOW SCHEDULE					
WDW.	WDW. NOM. SIZE	QTY.	TYPE	NOTES	DETAILS
A	2'-11" x 6'-4"	8	CASEMENT	15-LITE, NEW SASH ONLY - PROTECT (E) TRANSOM ABOVE TO REMAIN	8/A211
B	2'-0" x 5'-2"	1	CASEMENT	8-LITE, NEW SASH ONLY	8/A211
C	4'-0" x 4'-0"	2	FIXED SKYLIGHT		2/A211
D	5'-8" x 2'-4"	3	INTERIOR FIXED TRANSOM		3/A211
E	4'-8" x 2'-4"	2	INTERIOR FIXED TRANSOM		3/A211
F	2'-0" x 5'-2"	1	RELOCATED EXISTING SASH - TEMPERED WHERE SHOWN	TRIM TO MATCH A	9/A211
G	3'-0" x 1'-10"	1	(N) INTERIOR FIXED TRANSOM	BUILD TO MATCH F, H TRIM TO MATCH A	9/A211
H	2'-11" x 6'-4"	2	RELOCATED EXISTING SASH - TEMPERED WHERE SHOWN	TRIM TO MATCH A	9/A211

- KEY NOTES**
- STRUCTURAL COLUMN - SEE STRUCT. - PATCH FLOOR AFTER COL. INSTALLATION
 - CASEWORK
 - SINK - SIDE-REACH ADA-ACCESSIBLE - MODIFY (E) PLUMBING LINES
 - AT HUB AREA, INSTALL FLOOR UNDERLAYMENT TO LEVEL WITH EXISTING ADMIN SUB-FLOOR: 1 1/8" - VERIFY
 - PROVIDE GRADUAL SLOPED TRANSITION BETWEEN EXISTING HALLWAY AND HUB SUBFLOORS: APPROX. 1 1/8" ACROSS 60"
 - INSTALL THRESHOLDS @ DOORS
 - FRAMED SHAFT/DISPLAY KIOSK AROUND EXISTING CONDUITS - LOCATE PER CEILING PLAN - CONFIRM LAYOUT W/ ARCHITECT.

LEGEND

	WALL - EXISTING
	WALL - NEW
	ROOF OR CEILING ABOVE
	COLUMN OR POST - SEE STRUCT. PLANS
	DOOR - SEE SCHEDULE
	WINDOW OR SKYLIGHT - SEE SCHEDULE
	BUILDING ASSEMBLY
	FIRE EXTINGUISHER - EXISTING IN CABINET

- GENERAL NOTES**
- A. FOR ADDITIONAL INFORMATION, SEE OTHER PLANS: STRUCTURAL, MECHANICAL, ELECTRICAL, & FINISH SCHEDULE.
- WINDOW & DOOR NOTES**
- COORDINATE W/ ARCHITECT & OWNER FOR ALL DOOR SPECS, & HARDWARE, TYPES, & FINISH.
 - DIMENSIONS ARE NOMINAL - VERIFY W/ MFR. & IN FIELD.
 - PROVIDE SHOP DRAWINGS & VENDOR SCHEDULE FOR ARCHITECT & OWNER REVIEW: DRAWINGS, SPECS, & SAMPLES FOR DOORS, HARDWARE, ACCESSORIES, & FINISHES. OBTAIN APPROVAL PRIOR TO ORDERING.
 - PROVIDE TEMPERED GLASS WHERE NOTED ON INT. ELVES, & AS REQ'D BY CODE.
 - VERIFY HARDWARE & ORIENTATION OF OPERABLE COMPONENTS WITH OWNER.
 - RELOCATED DOORS & FRAMES: PROTECT ENTIRE ASSEMBLY AT TRIM. RE-BUILD AT NEW LOCATIONS, ADJUST HARDWARE, REFURBISH, & RE-PAINT. SEE SPECS. & DTLs.
 - NEW WINDOW SASHES AT (E) FRAMES: REPAIR, REFURBISH FRAMES, CLAD SILLS, APPLY WEATHER SEALS, REFURBISH, & RE-USE HARDWARE. PROVIDE (N) LATCHES. SEE SPECS. & DTLs.



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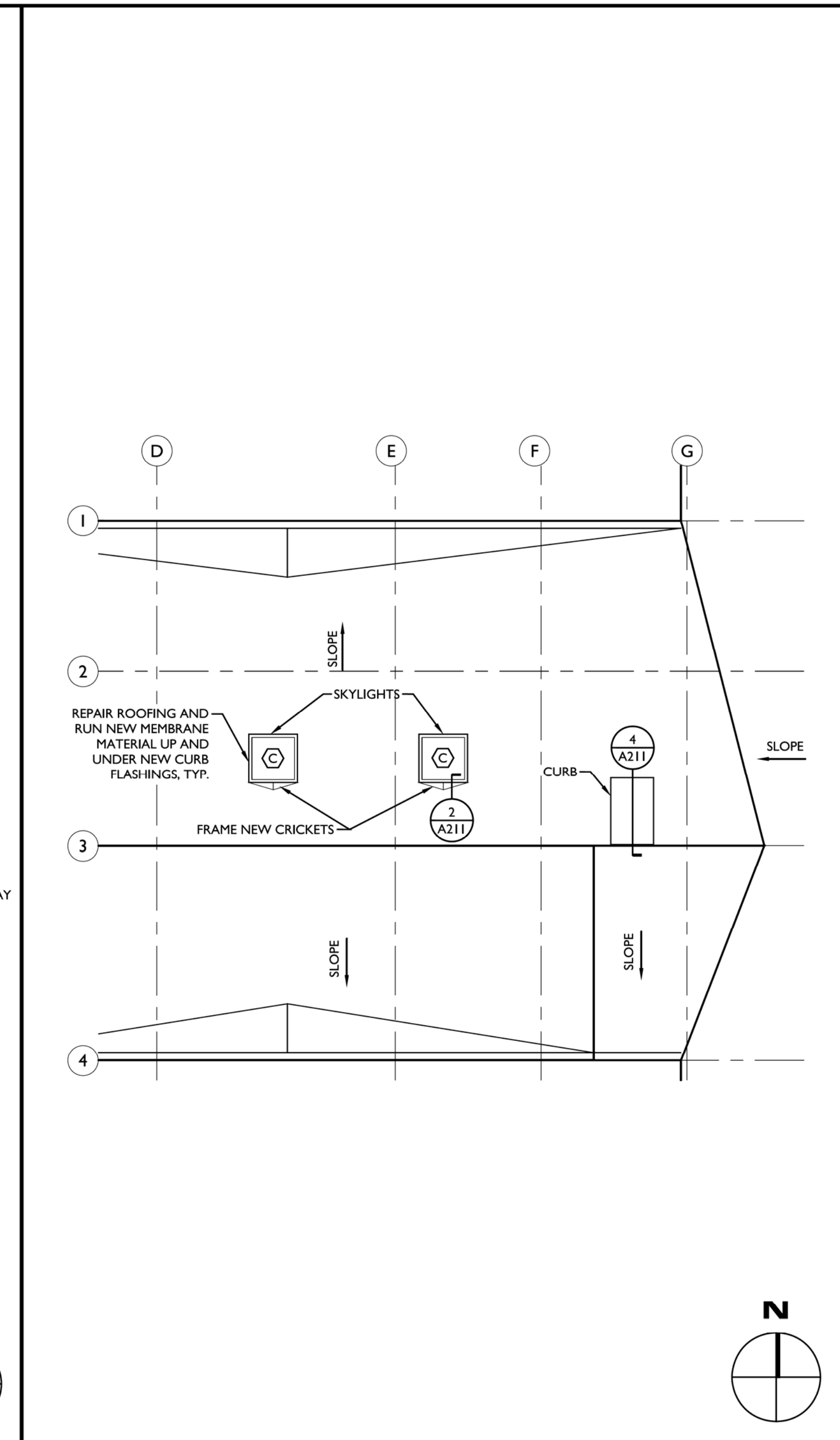
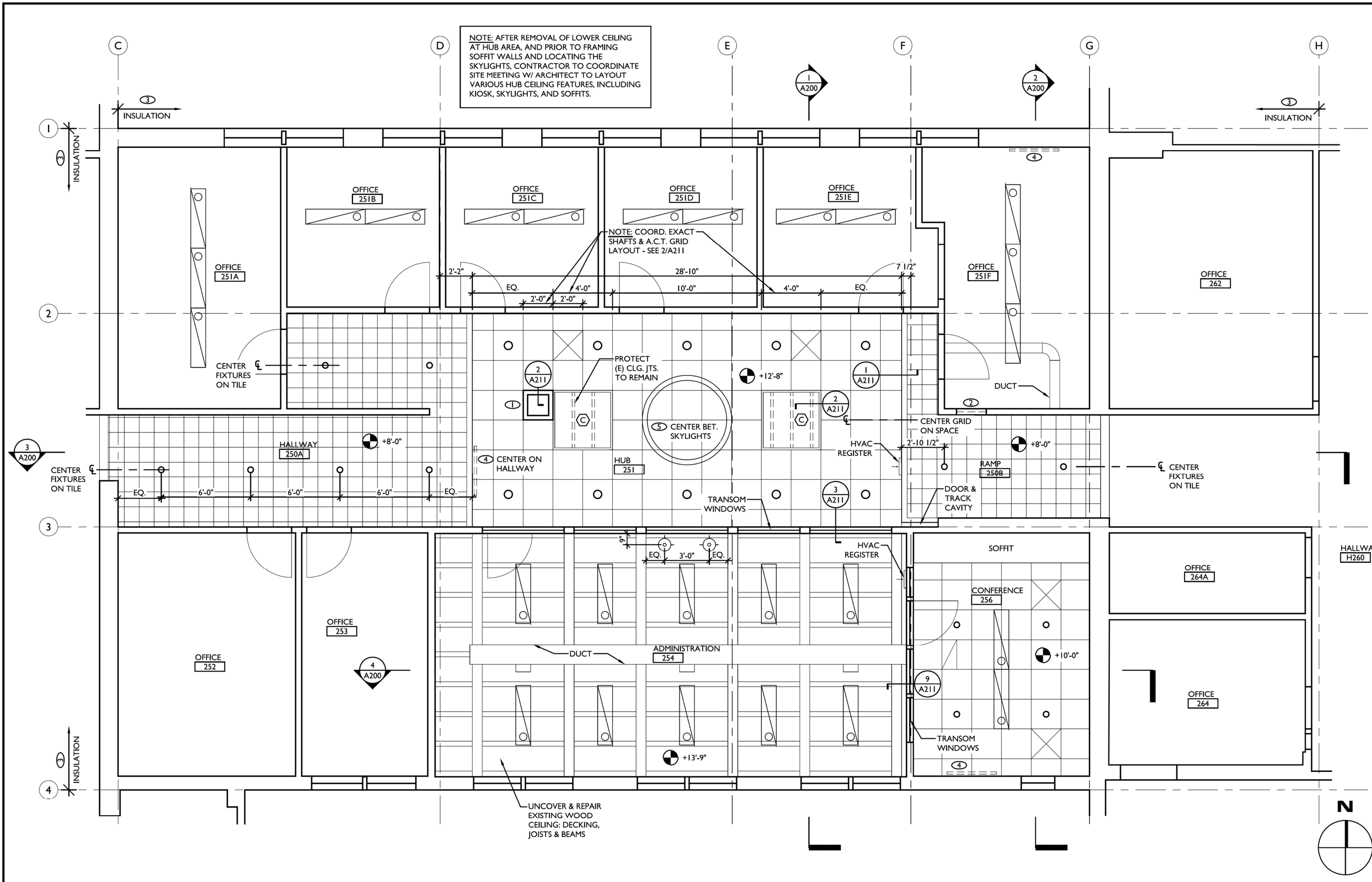
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NORTH WING:
REFLECTED
CEILING PLAN;
ROOF PLAN

A111

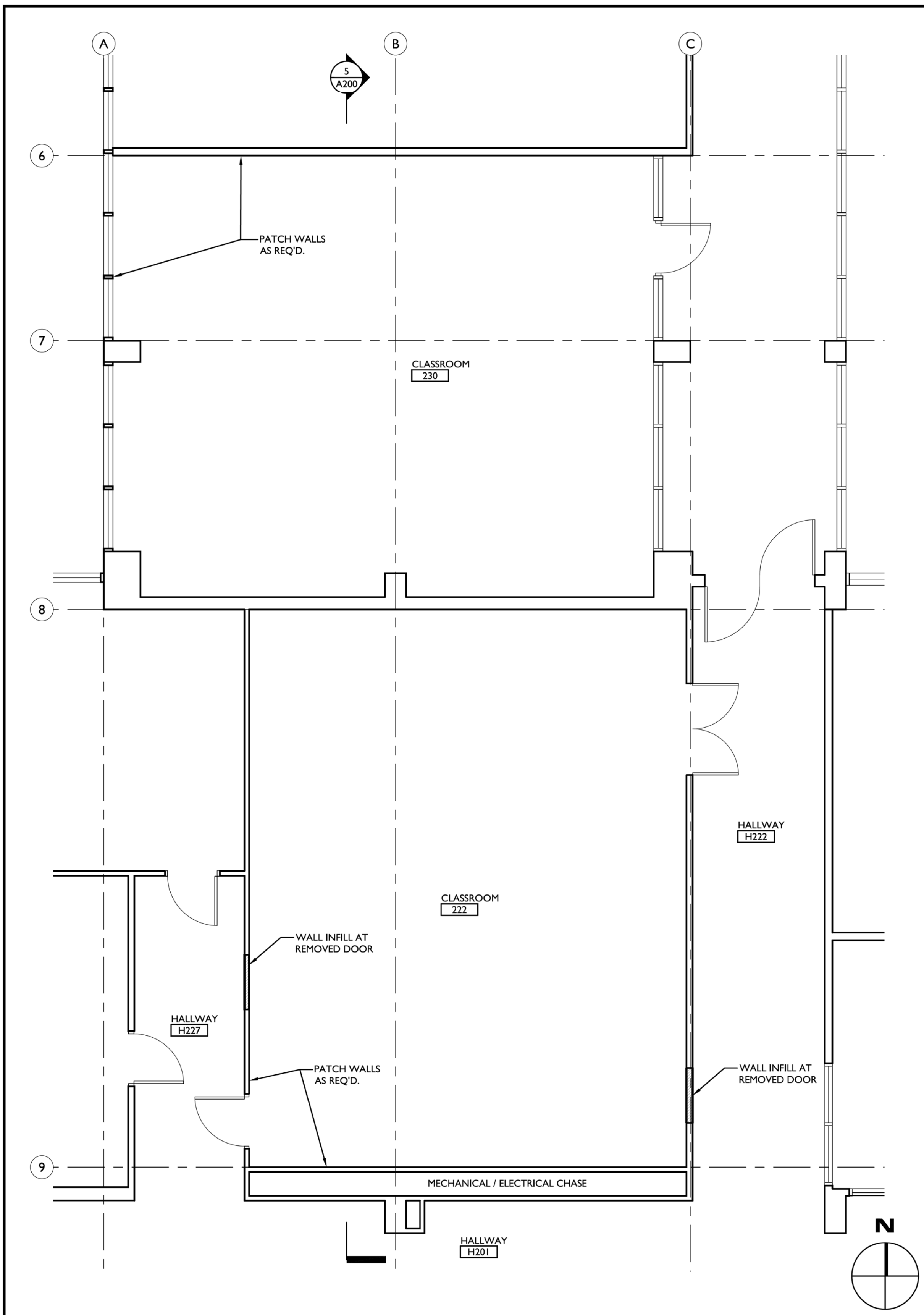
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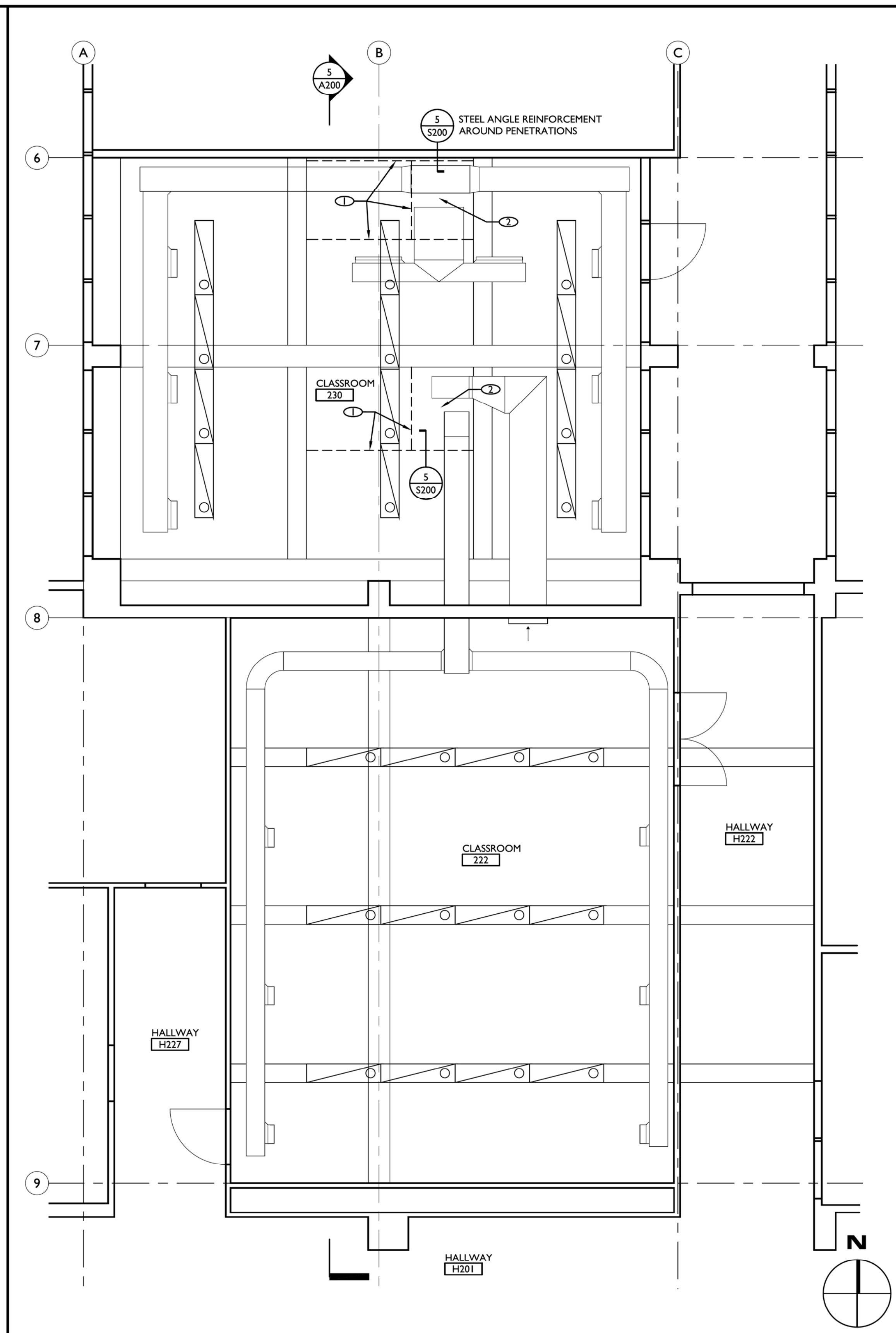
1 1/4" = 1'-0" REFLECTED CEILING PLAN

2 1/8" = 1'-0" ROOF PLAN

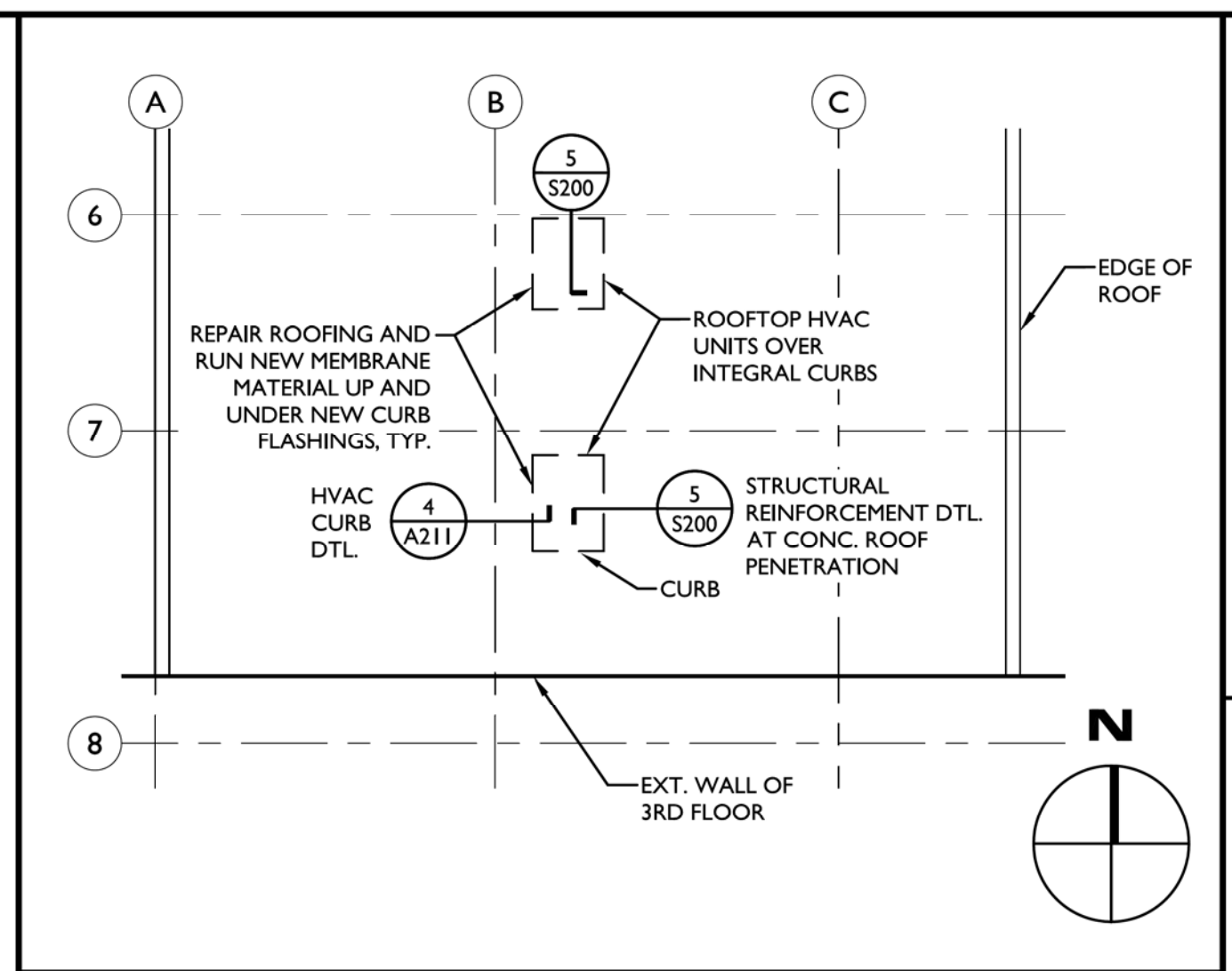
CLG. PLAN LEGEND		GENERAL NOTES
	WALL	<p>A. FOR ADDITIONAL INFORMATION, SEE OTHER PLANS: ARCHITECTURAL, STRUCTURAL, MECHANICAL, & ELECTRICAL - INCLUDING O.F.O.I. PROJECTION DEVICES.</p> <p>B. ALL FIRE SPRINKLER SYSTEM WORK TO BE PROVIDED OWNER - COORDINATE DURING CONSTRUCTION.</p> <p>C. ALL ELECTRICAL FIXTURES AND MECHANICAL REGISTERS LAYOUT - PER ARCHITECTURAL PLANS</p> <p>D. PROVIDE ACT SEISMIC BRACING AS REQUIRED BY CODE</p>
	MECHANICAL CEILING SUPPLY	
	MECHANICAL CEILING RETURN	
	MECHANICAL SIDEWALL RETURN	
	EXPOSED MECHANICAL DUCT	<p>KEY NOTES</p> <p>Ⓛ FRAMED SHAFT / DISPLAY KIOSK AROUND EXISTING CONDUITS. FRAME TO FIT FINISHED WALLS WITHIN GRID; APPROX. 23" x 23" CLR.</p> <p>Ⓜ ATTIC ACCESS DOOR - SEE SPECS.</p> <p>Ⓝ PROVIDE NEW R-38 BATT INSULATION OVER EXISTING UPPER CEILINGS. INSTALL W/ KRAFT PAPER DOWN, AND CREATE A CONTINUOUS VAPOR BARRIER. EXTENTS: GRIDLINES C-6 AND I-4.</p> <p>Ⓞ DISPLAY T.V. SCREEN - O.F.O.I.</p> <p>Ⓟ CIRCULAR PENDANT LIGHT FIXTURE</p>
	LIGHT FIXTURES, TYP.	
	(1) 1' x 1' GLUED CEILING TILES	
	(2) 2' x 4' ACT IN GRID CEILING	
	SKYLIGHT	



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



2 1/4" = 1'-0" REFLECTED CEILING PLAN



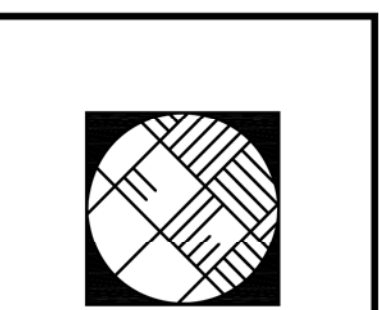
3 1/8" = 1'-0" WEST WING ROOF PLAN

- GENERAL NOTES**
- A. FOR ADDITIONAL INFORMATION, SEE OTHER PLANS: ARCHITECTURAL, STRUCTURAL, MECHANICAL, & ELECTRICAL - INCLUDING O.F.O.I. PROJECTION DEVICES.
 - B. ALL FIRE SPRINKLER SYSTEM WORK TO BE PROVIDED OWNER - COORDINATE DURING CONSTRUCTION.
 - C. ALL ELECTRICAL FIXTURES AND MECHANICAL REGISTERS LAYOUT - PER ARCHITECTURAL PLANS.
 - D. INSTALL (N) HVAC DUCTS AS HIGH AS POSSIBLE - COORD. W/ STRUCTURAL ELEMENTS, FIRE SPRINKLER LINES, ELEC. FIXTURES, ETC.

- KEY NOTES**
- ① STEEL ANGLE REINFORCEMENT AROUND PENETRATIONS - EXTEND BET. CONC. ROOF BEAMS.
 - ② PROVIDE CONTINUOUS S.M. CLOSURE BELOW ROOF PENETRATIONS, TO ACHIEVE FINISHED LOOK.

- PLAN LEGEND**
- WALL - EXISTING
 - WALL - NEW
 - ROOF OR CEILING ABOVE

- CLG. PLAN LEGEND**
- WALL
 - MECHANICAL CEILING SUPPLY
 - MECHANICAL CEILING RETURN
 - MECHANICAL SIDEWALL RETURN
 - EXPOSED MECHANICAL DUCT
 - LIGHT FIXTURES, TYP.



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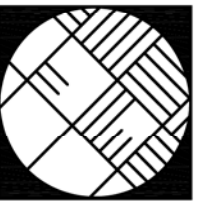
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WEST WING:
FLOOR PLAN;
REFLECTED
CEILING PLAN;
ROOF PLAN

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OF



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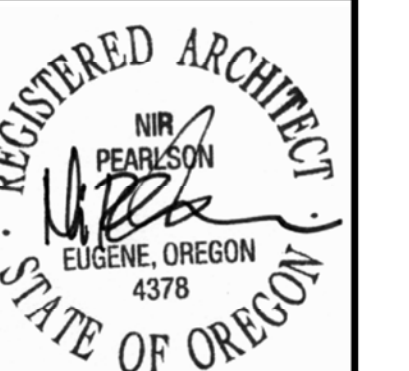
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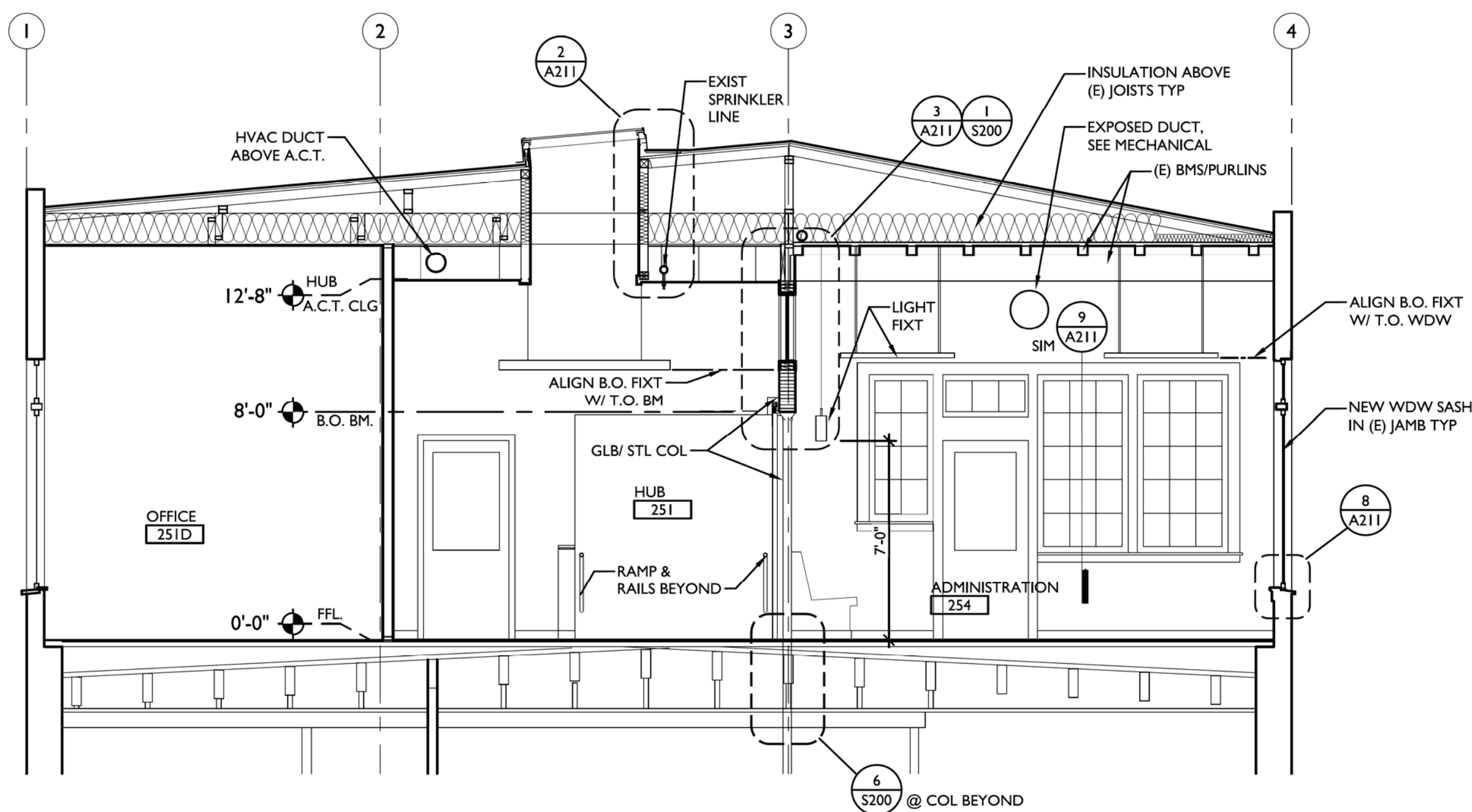
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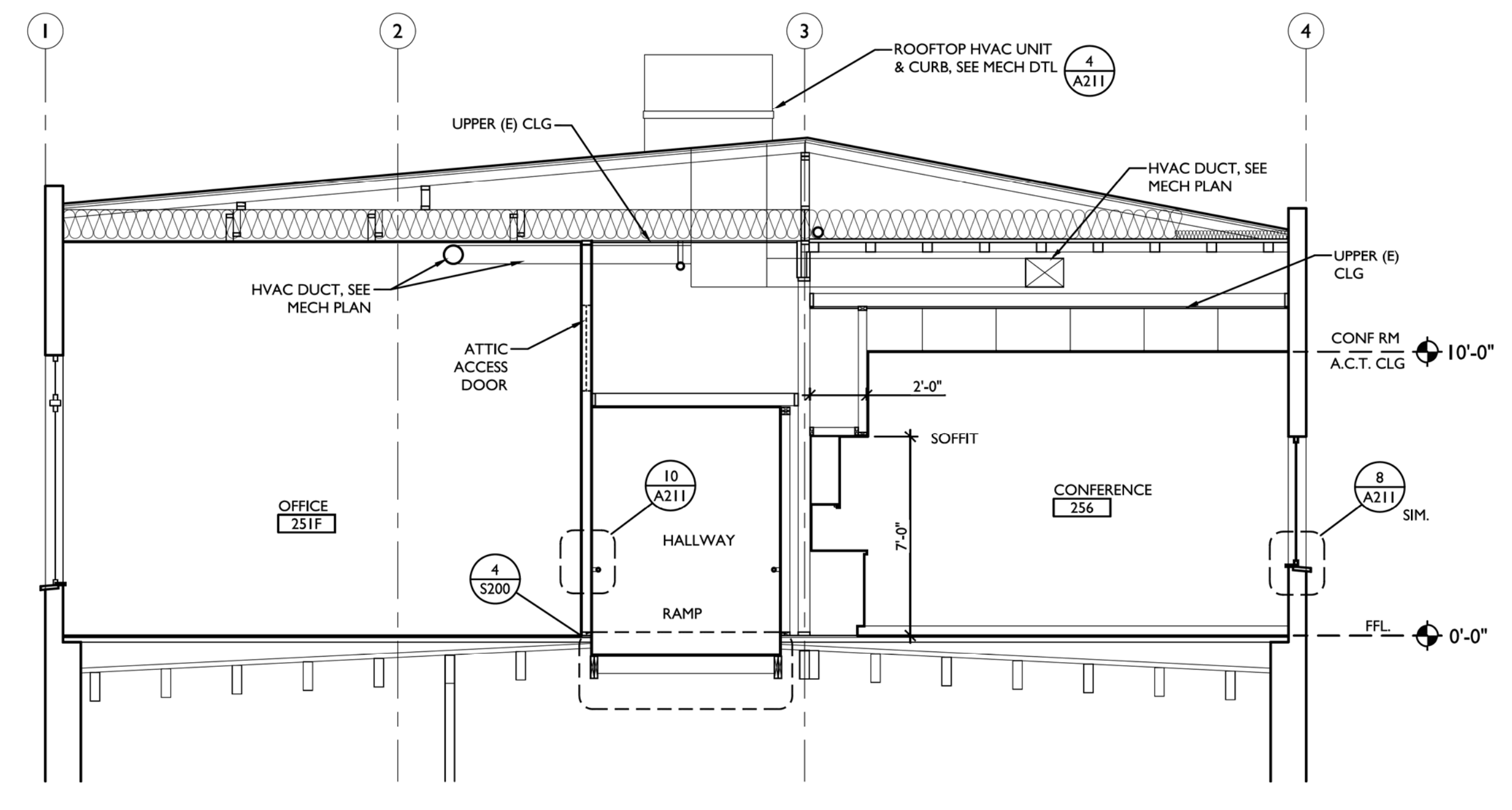
BUILDING
SECTIONS

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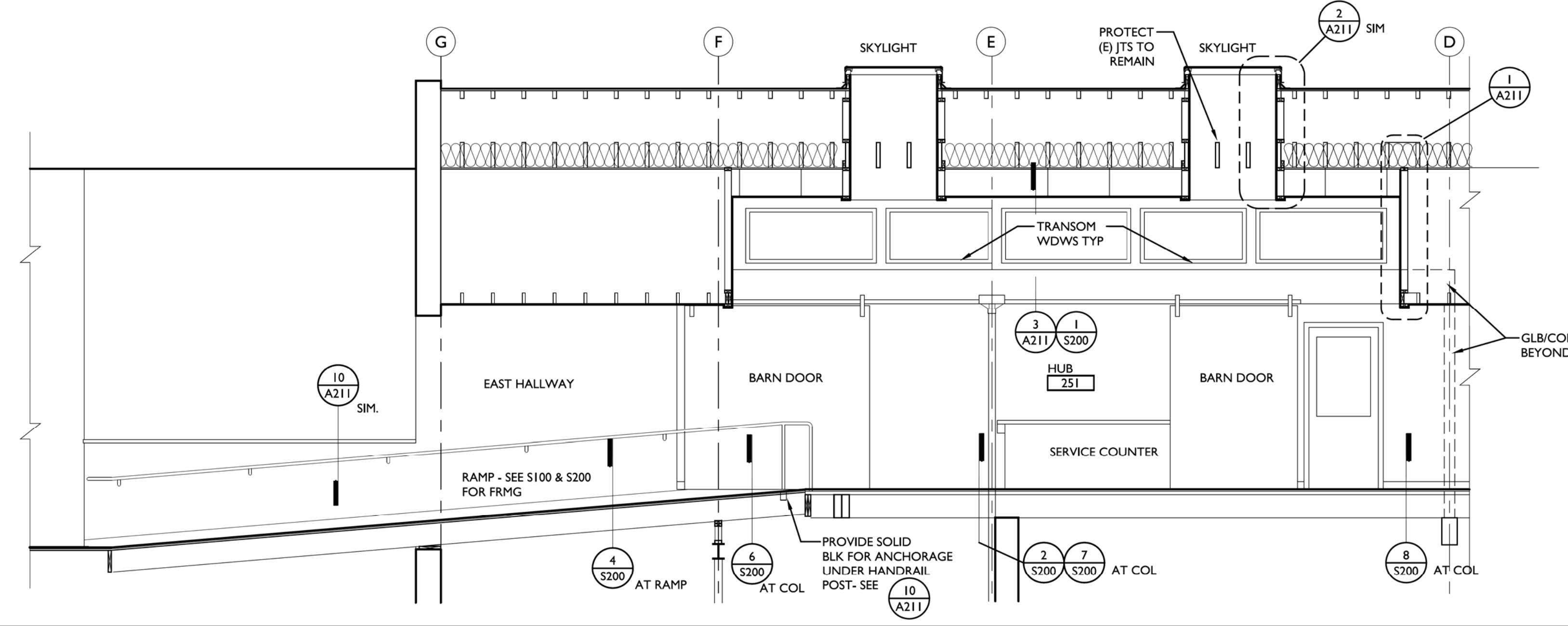
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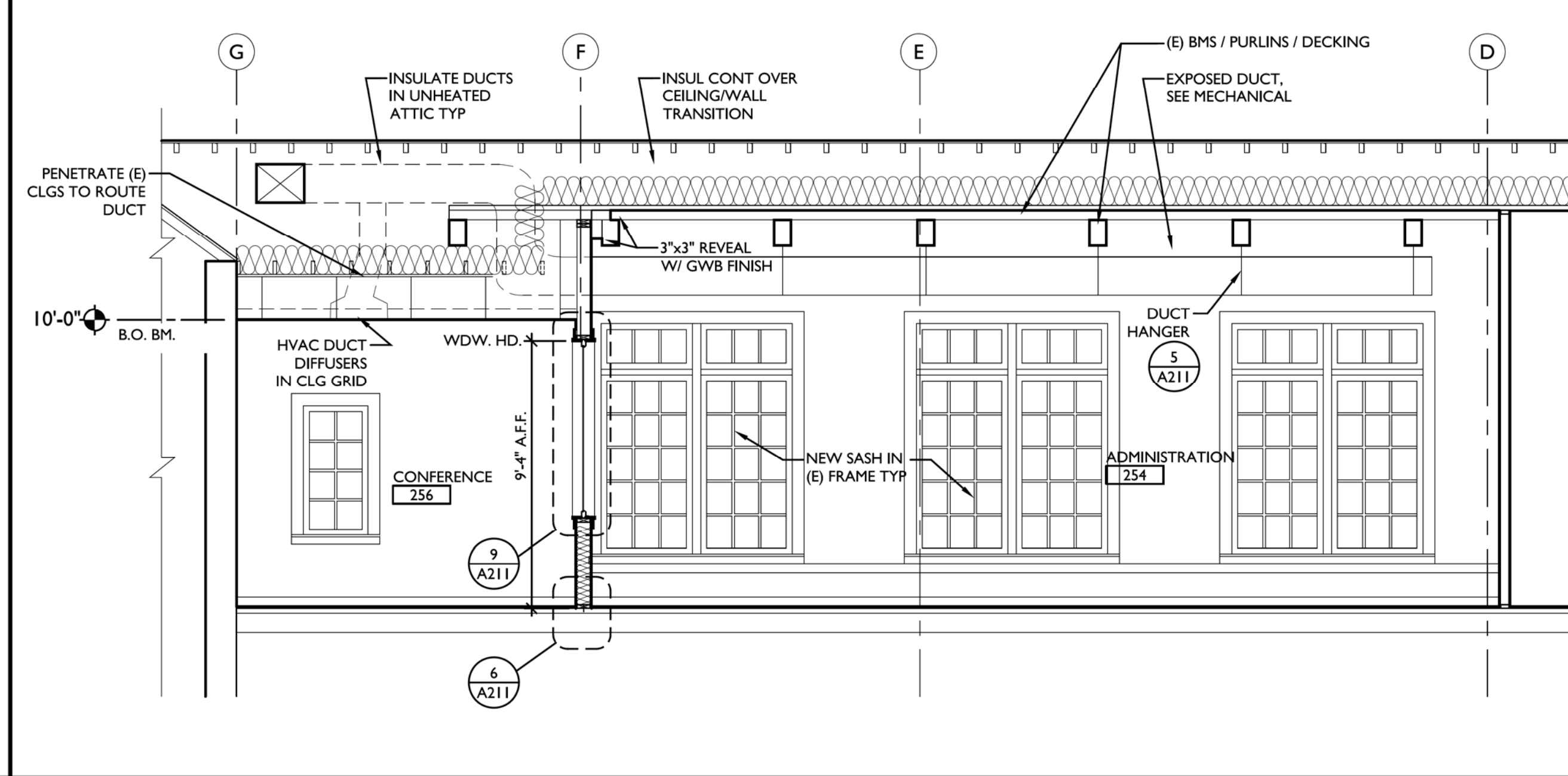
1 1/4" = 1'-0" SECTION @ HUB/ADMINISTRATION



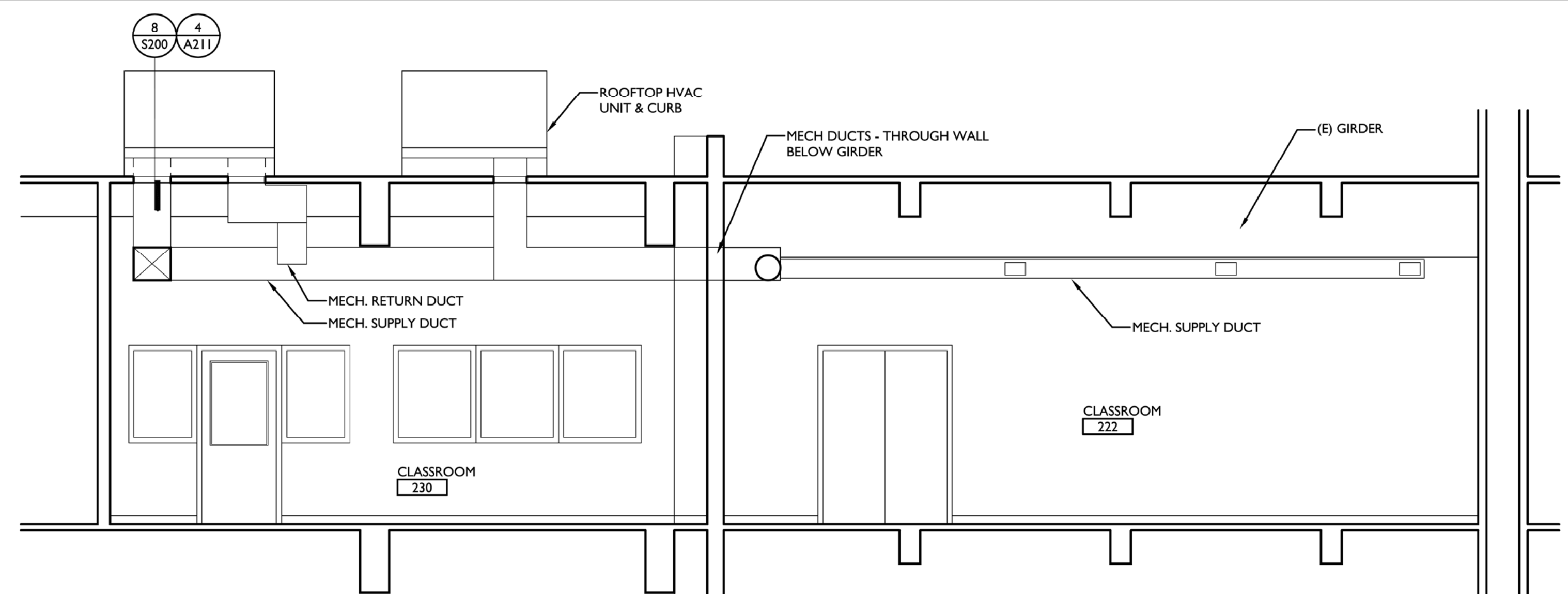
2 1/4" = 1'-0" SECTION @ HALL/CONFERENCE



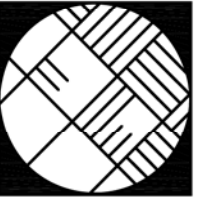
3 1/4" = 1'-0" SECTION @ HUB/RAMP



4 1/4" = 1'-0" SECTION @ CONFERENCE/ADMINISTRATION



5 1/4" = 1'-0" SECTION @ WEST WING CLASSROOM



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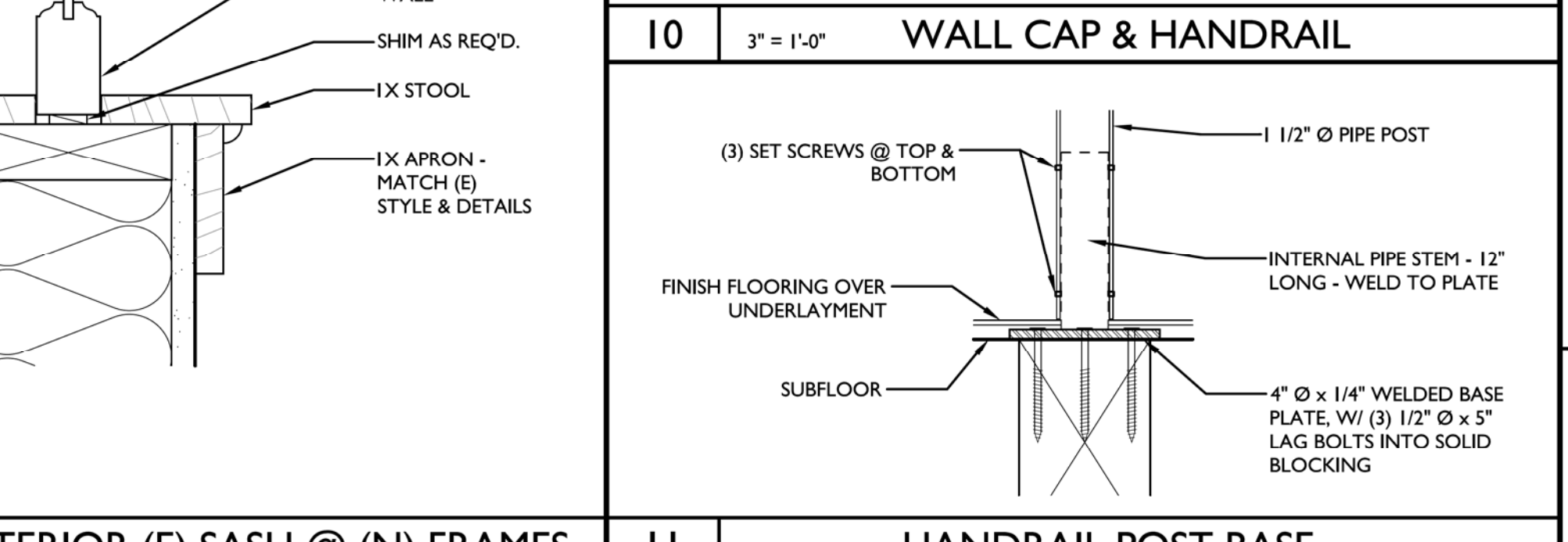
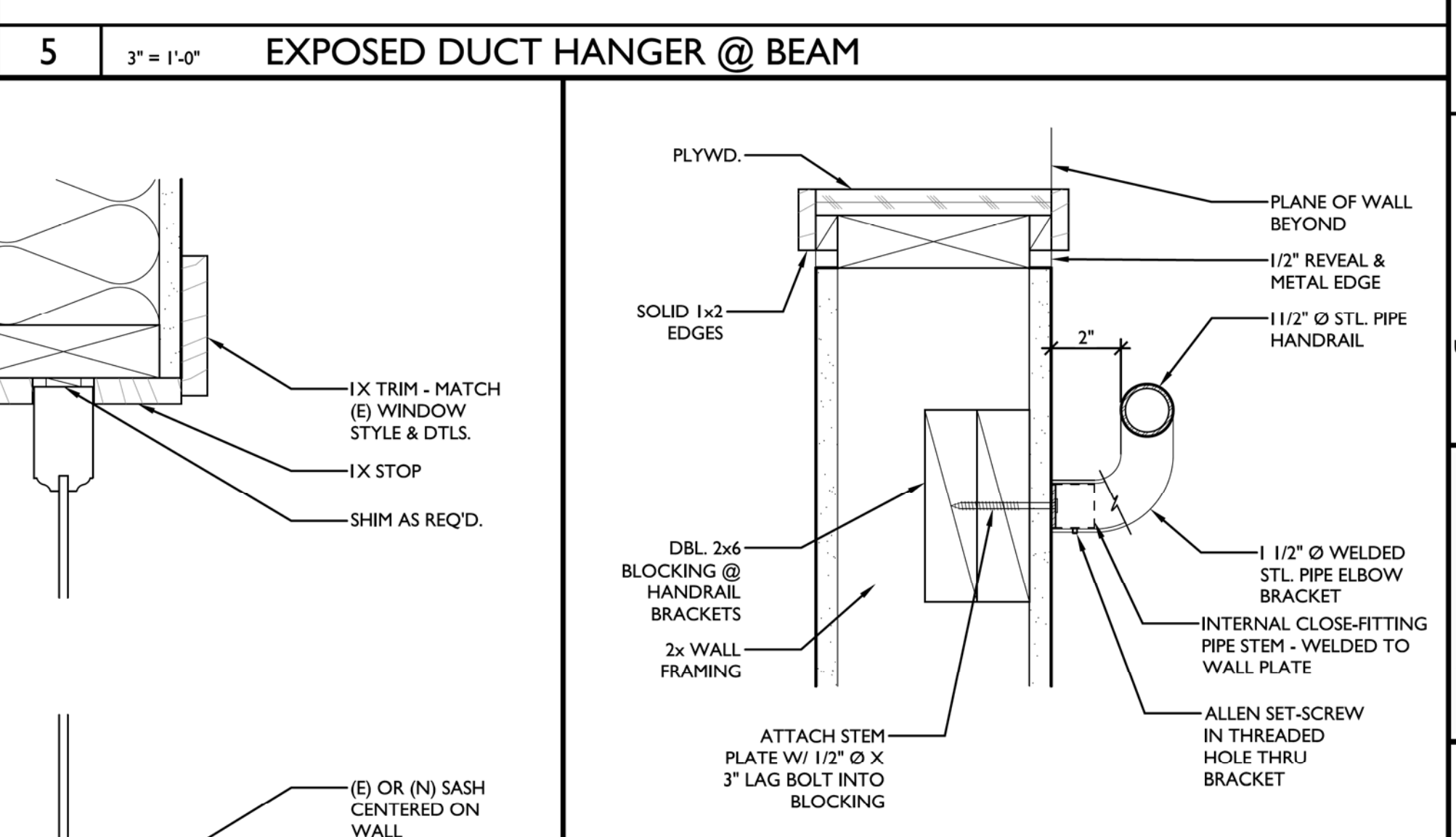
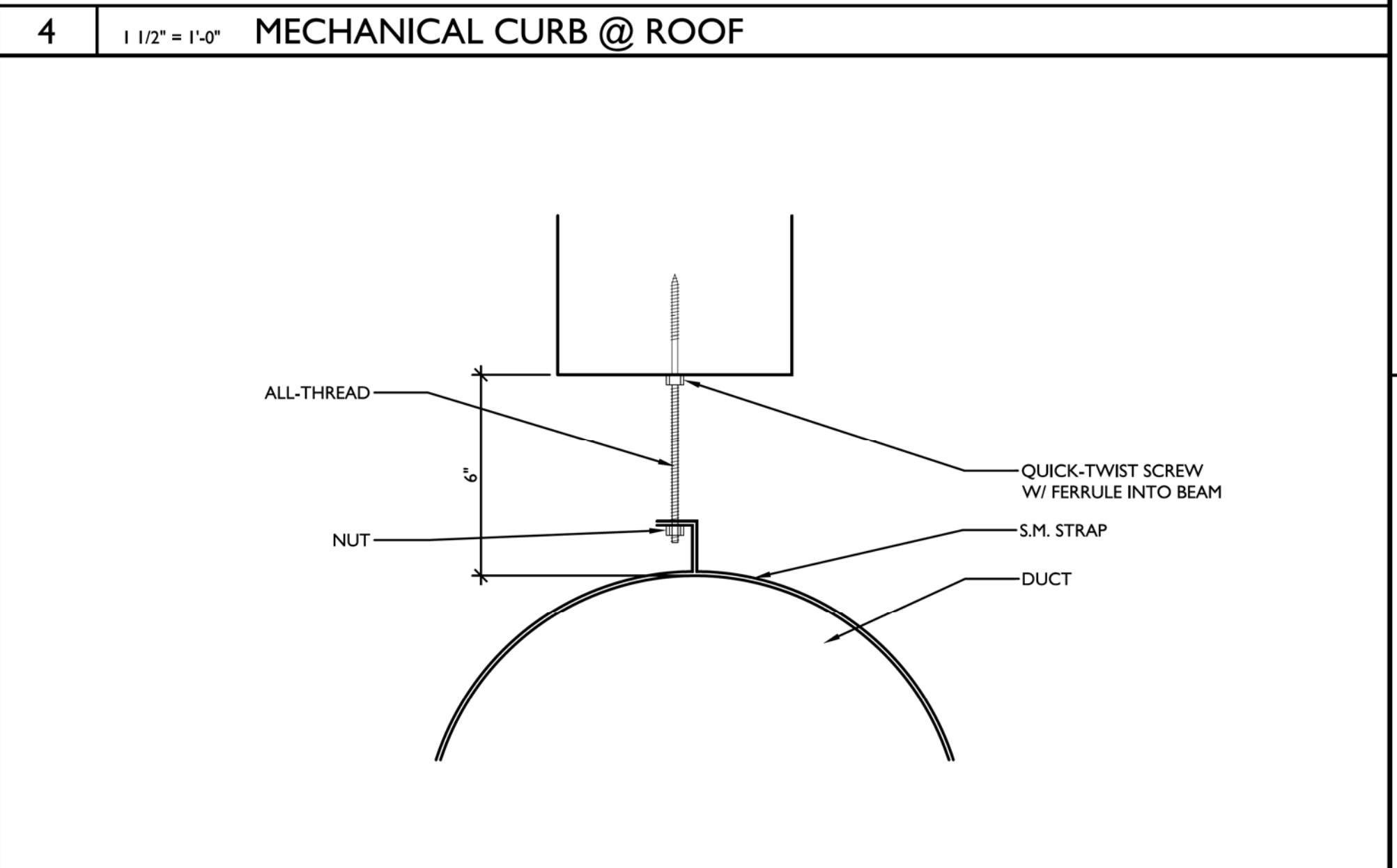
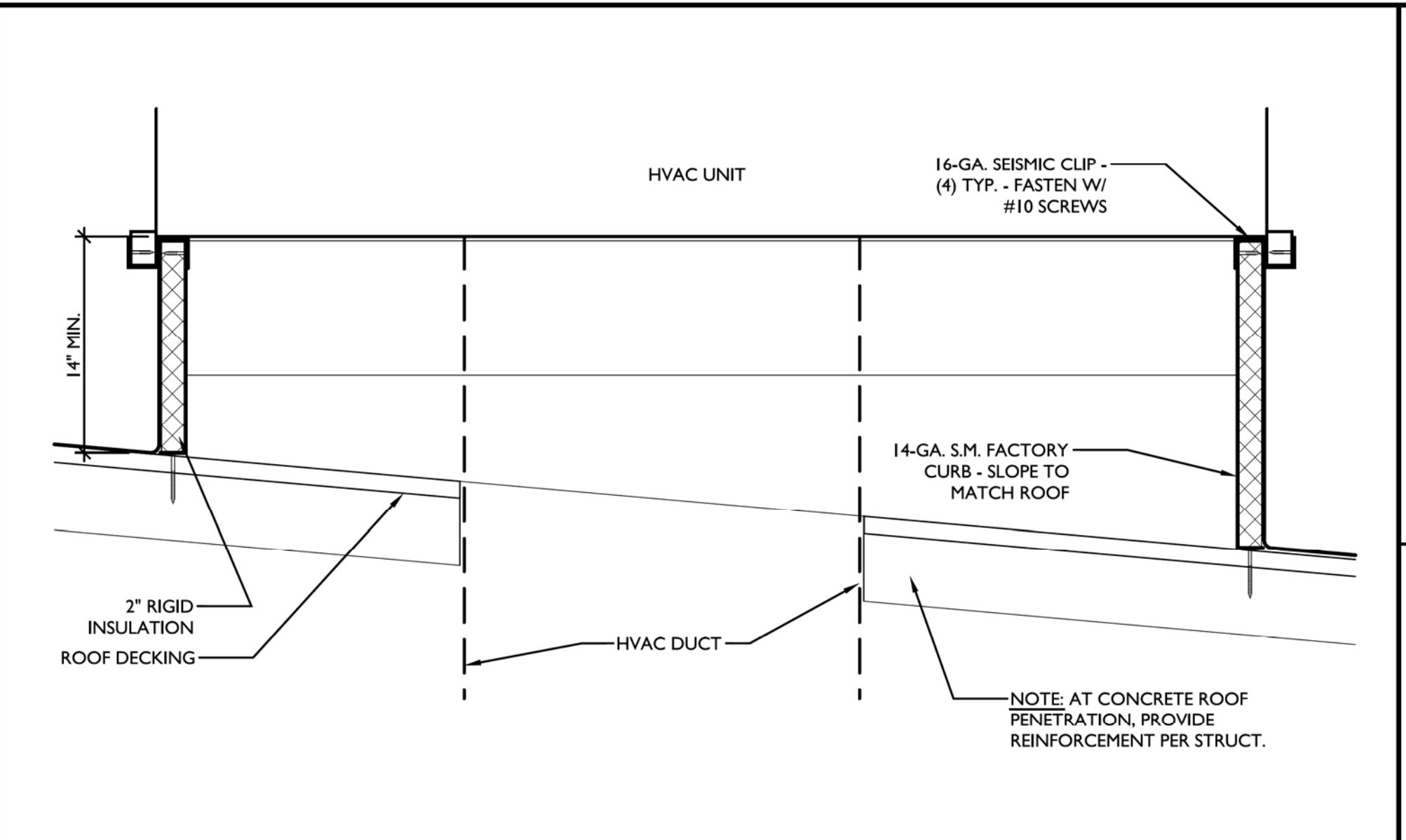
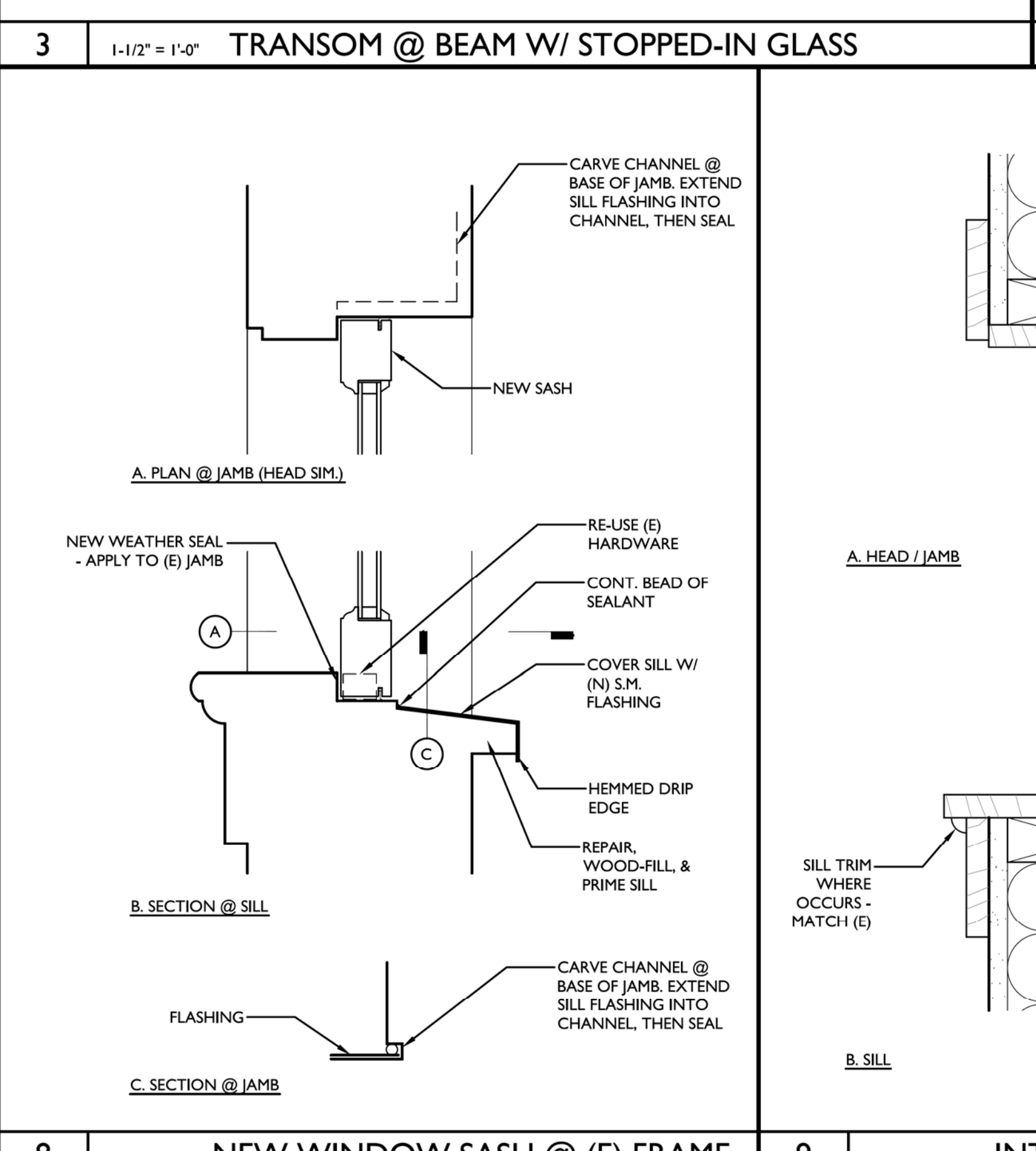
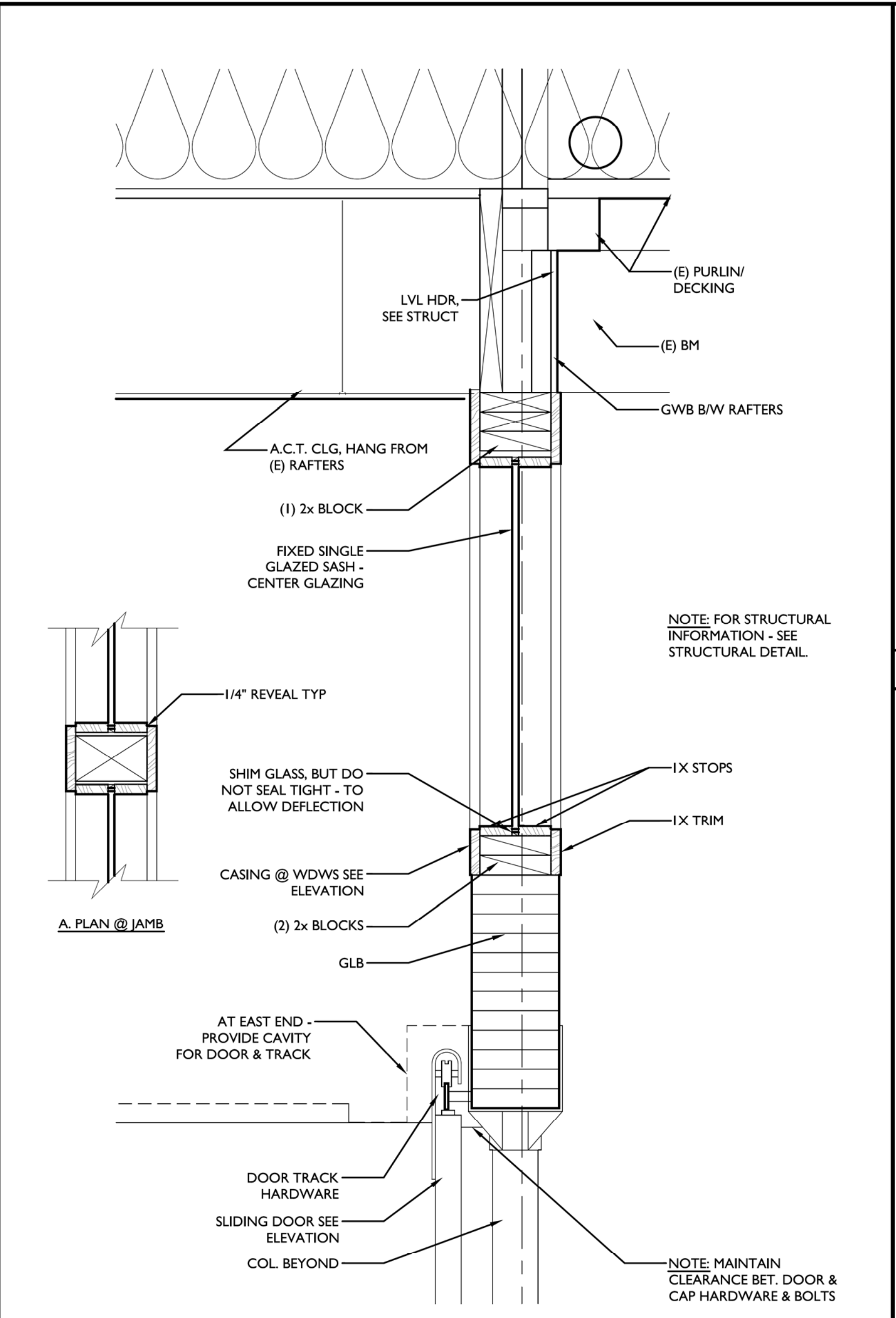
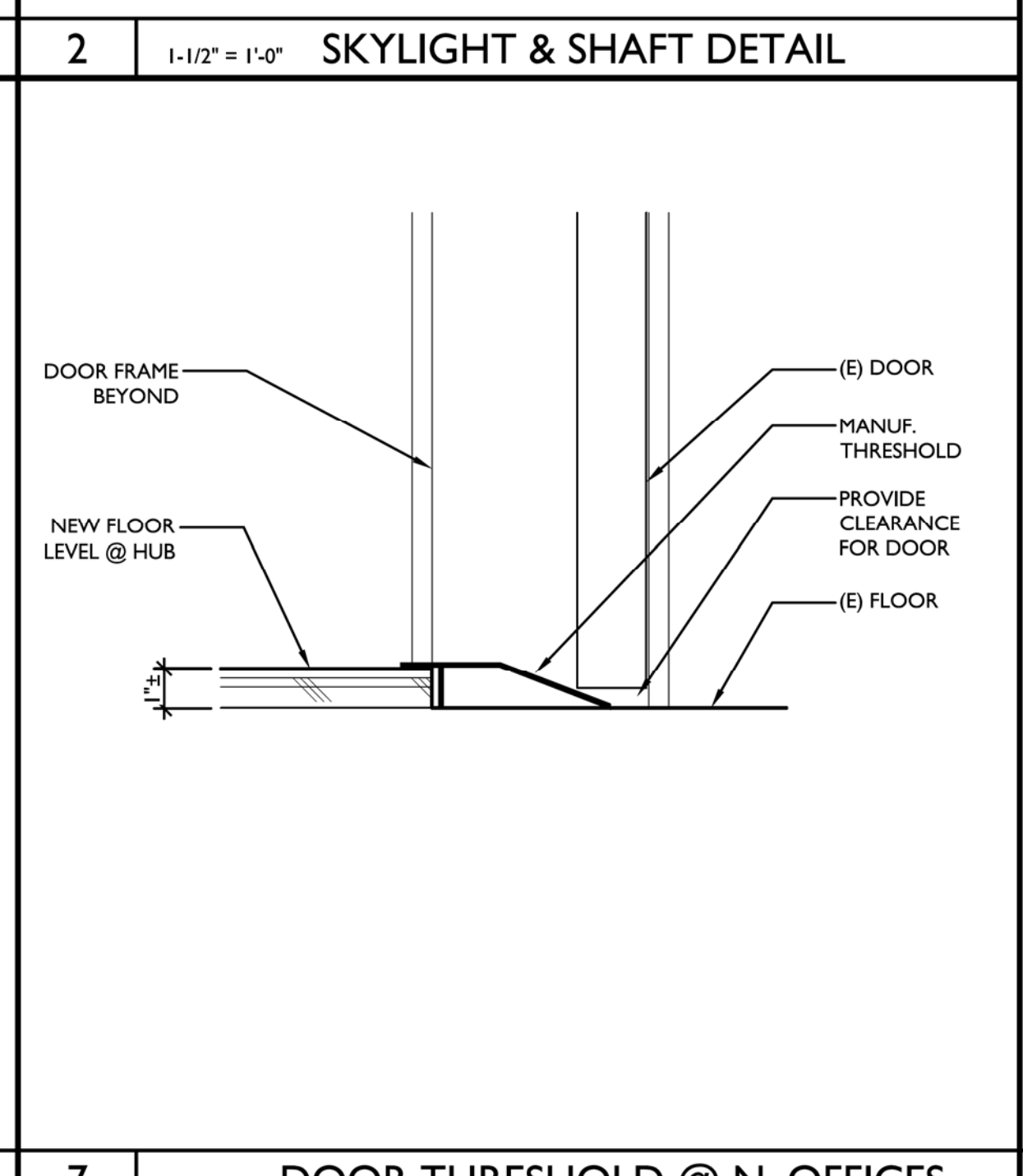
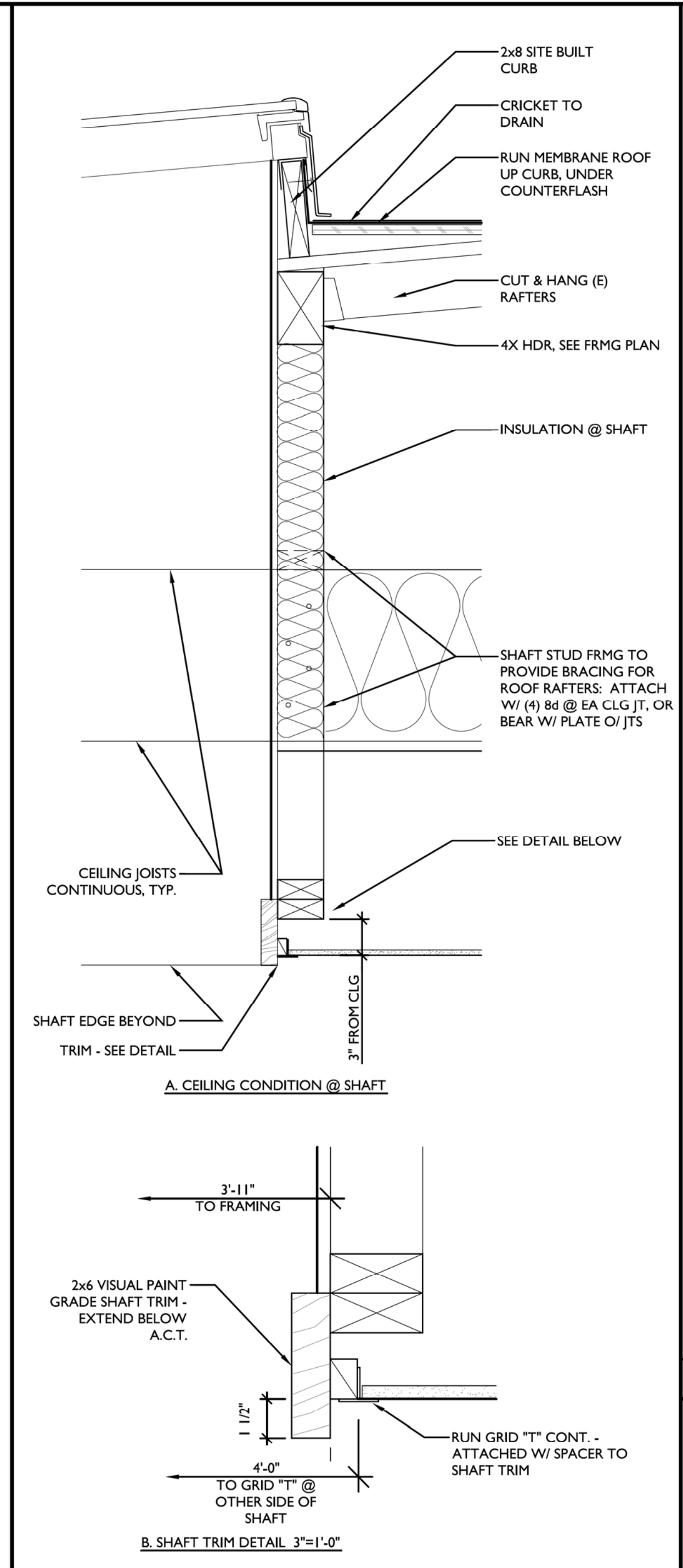
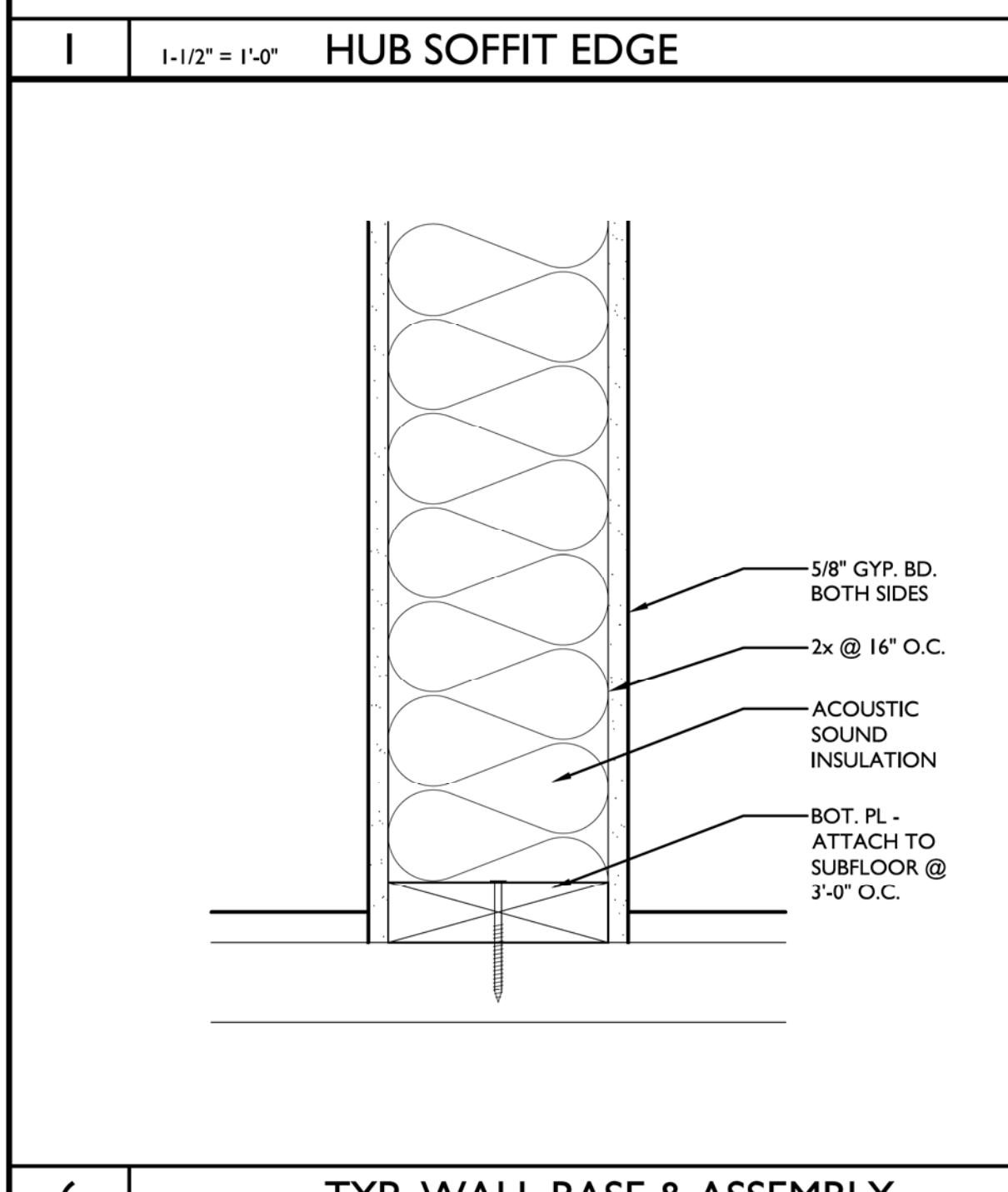
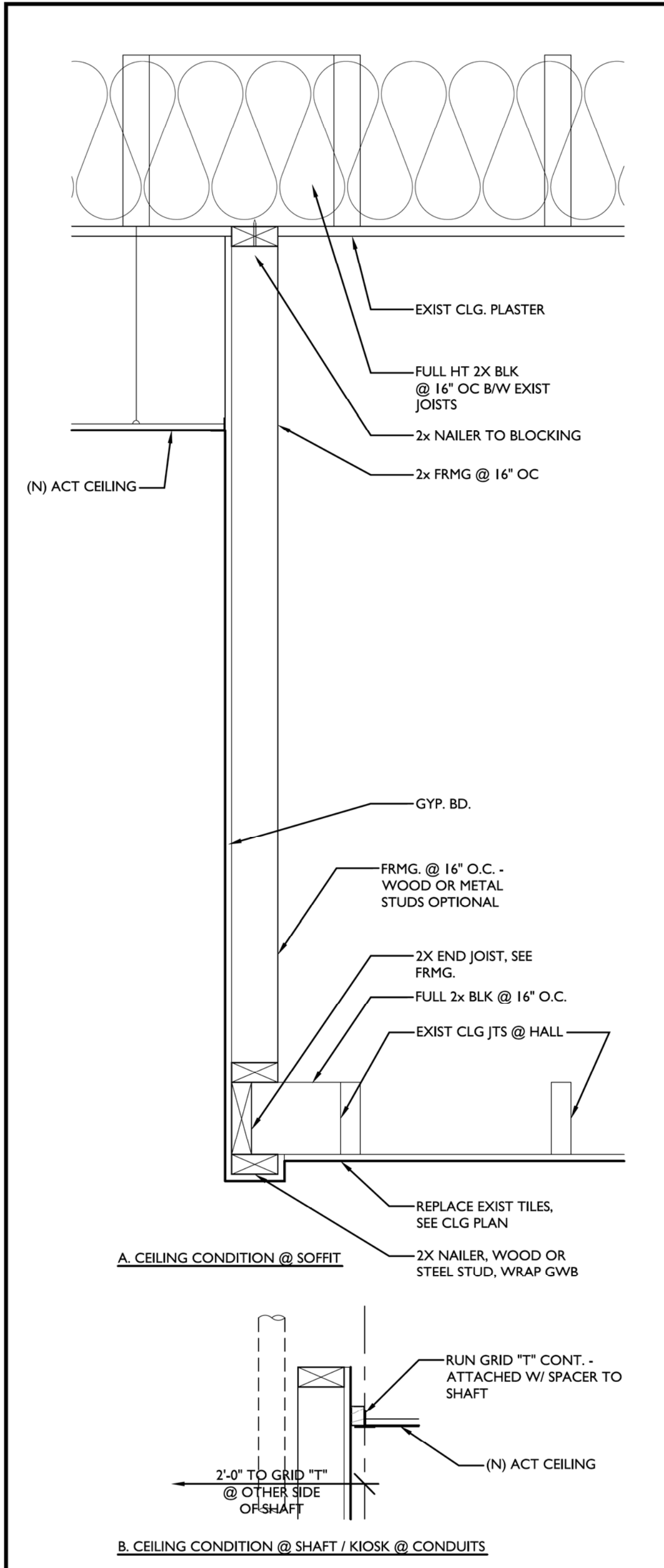
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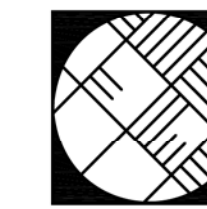


NORTH WING
DETAILS

A211

OF





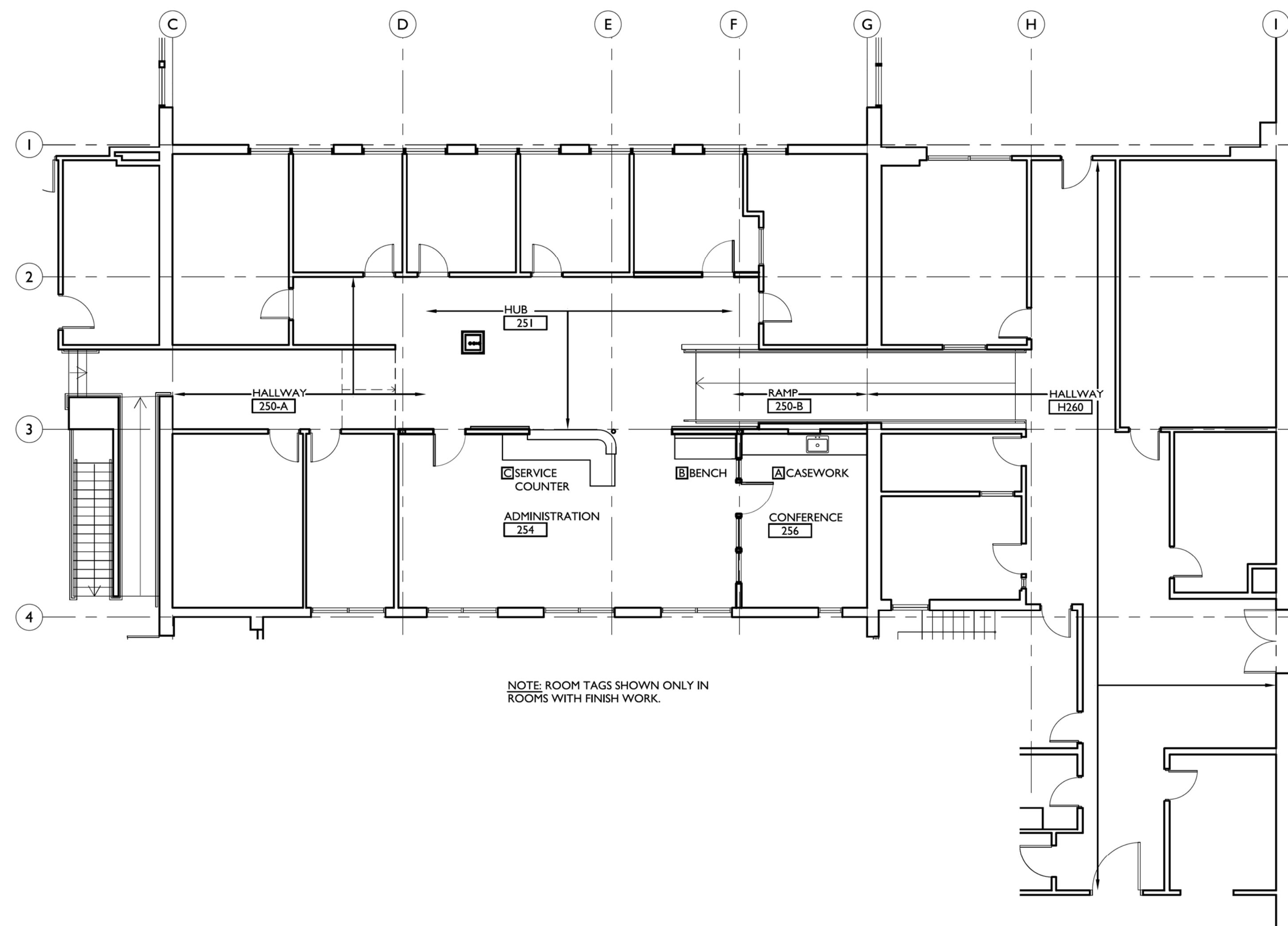
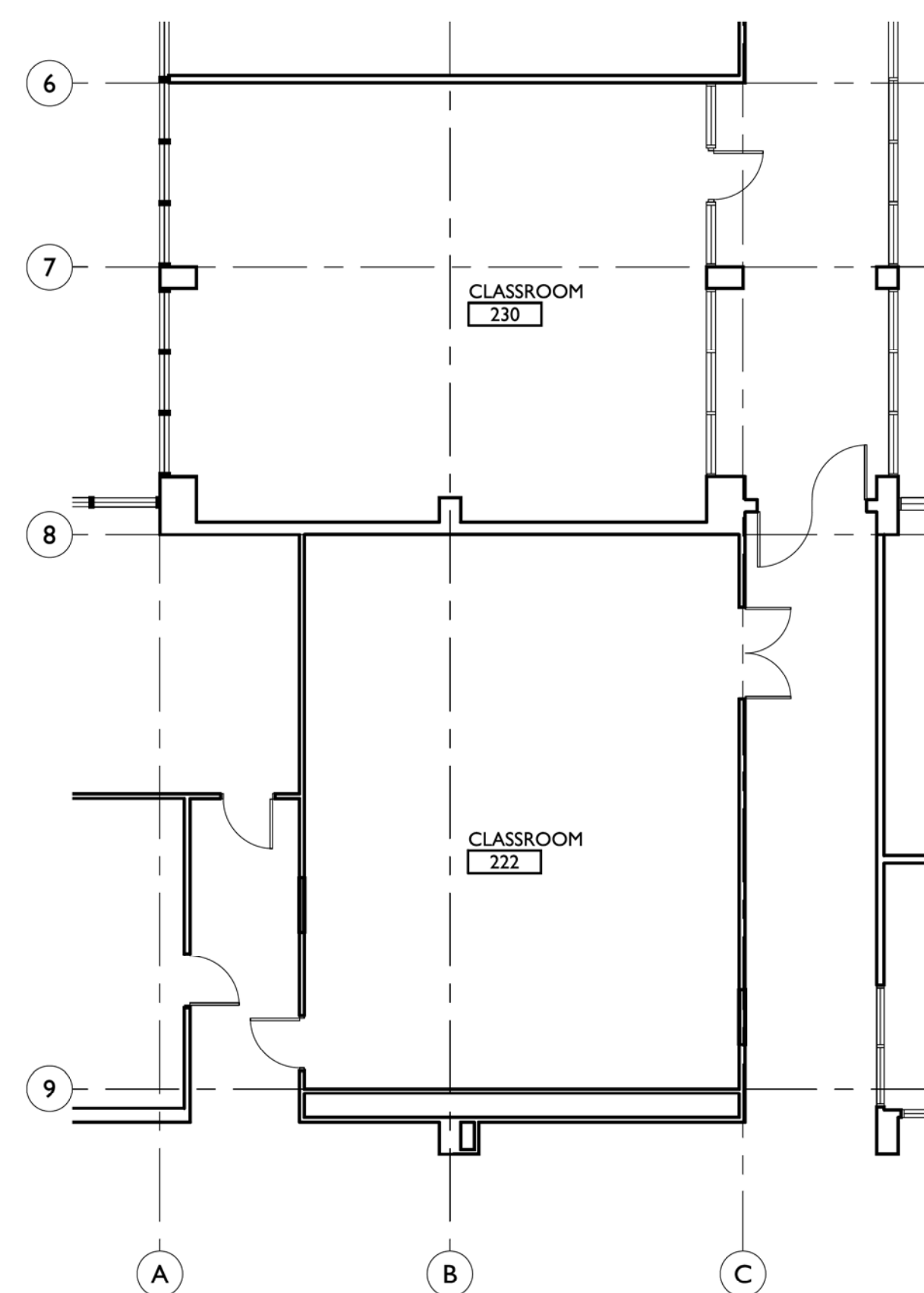
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NOTE: ROOM TAGS SHOWN ONLY IN ROOMS WITH FINISH WORK.



1 1/8" = 1'-0" WEST WING FINISH PLAN

2 1/8" = 1'-0" NORTH WING FINISH PLAN

FINISH SCHEDULE

ROOM NAME #	FLOOR	BASE	WALL MATERIAL	WALL FINISH	TRIM; OTHER FINISH	CEILING MATERIAL	CEILING FINISH	DOOR FRAMES FINISH	WOOD WINDOWS FINISH
CLASSROOM 222	CPT-1	RB	GB	PT-1	-	CONCRETE	PT-1	PT-2	-
CLASSROOM 230	CPT-1	RB	GB	PT-1	-	CONCRETE	PT-1	PT-2	PT-2
HALLWAY 250-A	RBT-1	RB	GB	PT-1 PT-2 WAINSCOTING	CHR: PT-2	ACT-GLUED	FAC	PT-2	-
HUB 251	RBT-1	RB	GB, TCK	PT-1 PT-2 WAINSCOTING	CHR: PT-2; BM: PT-4; COL: PT-5	ACT-GRID	FAC	PT-2	PT-2
RAMP 250-B	RBT-2	RB	GB	PT-1 PT-2 WAINSCOTING	CHR: PT-2; HR: PT-3	ACT-GLUED	FAC	PT-2	PT-2
ADMINISTRATION 254	CPT-1	RB	GB	PT-1	-	EXISTING WOOD	PT-1	PT-2	INT: PT-2 / EXT: PT-2.B
CONFERENCE 256	CPT-1	RB	GB	PT-1	-	ACT-GRID	FAC	PT-2	INT: PT-2 / EXT: PT-2.B
HALLWAY H260	RBT-1	RB	EXIST.	PT-1 PT-2 WAINSCOTING	(E) CHR: PT-2	EXISTING	PT-1	PT-2	-

ABBREVIATIONS

ACT	ACOUSTIC CEILING TILE SYSTEM
BM	GLULAM BEAM
CHR	CHAIR RAIL
COL	STEEL COLUMN & CAP
CPT-1	CARPET TILES
FAC	FACTORY FINISH
GB	GYPSON BOARD
HR	HANDRAIL
PT-1	PAINT COLOR - SEE SCHEDULE
PT-2	WAINSCOTING COLOR - BELOW TOP OF CHAIR RAIL WHERE OCCURS
RB	RUBBER BASE
RBT-1	RUBBER TILE FLOORING
TCK	TACKABLE SURFACE
WD	HARDWOOD TRIM

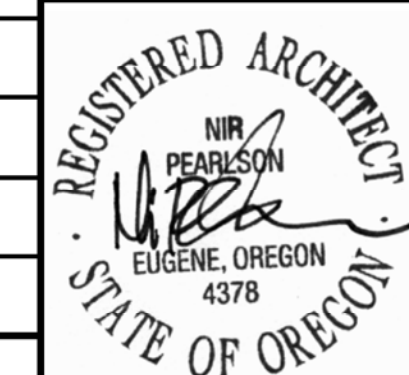
COLOR SCHEDULE

FINISH	MANUFACTURER	COLOR
PT-1	RODDA	ARCHITECTURAL WHITE
PT-2	RODDA	
PT-2.B	RODDA	SALMON - MATCH EXISTING WINDOWS
PT-3	RODDA	
PT-4	BENJAMIN MOORE	ARBORCOAT STAIN 637; COLOR: 70, SILVER GRAY
PT-5	OLD MASTERS	CLEAR LACQUER

GENERAL NOTES

- A. FOR ADDITIONAL INFORMATION, SEE OTHER PLANS: STRUCTURAL, MECHANICAL, ELECTRICAL, & FINISH PACKAGE.
- B. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL SPECIFIC FINISH INFORMATION - SHEETS A411 & A 412.
- C. ROOM NAME TAGS MAY INCLUDE ARROWS TO DEFINE EXTENTS OF FINISH WORK.
- D. FOR FINISH PRODUCTS - SEE SPECS.
- E. FOR COLOR - SEE COLOR SCHEDULE.
- F. FOR CASEWORK A, B, C - MATERIALS, CONSTRUCTION, & FINISHES - SEE SPECS.
- G. EXTERIOR WINDOW COLOR PT-2.B - MATCH ADJACENT WINDOWS.

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FINISH PLANS;
FINISH
SCHEDULE

A410

OF



NIR PEARLSON
ARCHITECT, INC.
1460 E 21ST AVE
EUGENE OR 97403
541.345.5547
green-building.com

UO A&AA
REMODEL

1190 FRANKLIN BLVD.
EUGENE, OR 97403

1407

REVISIONS:

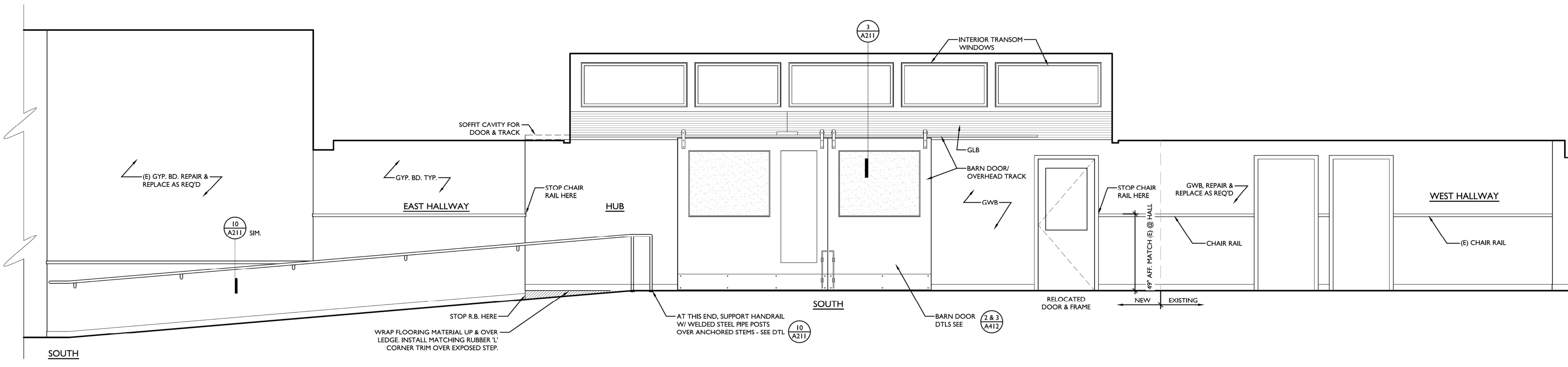
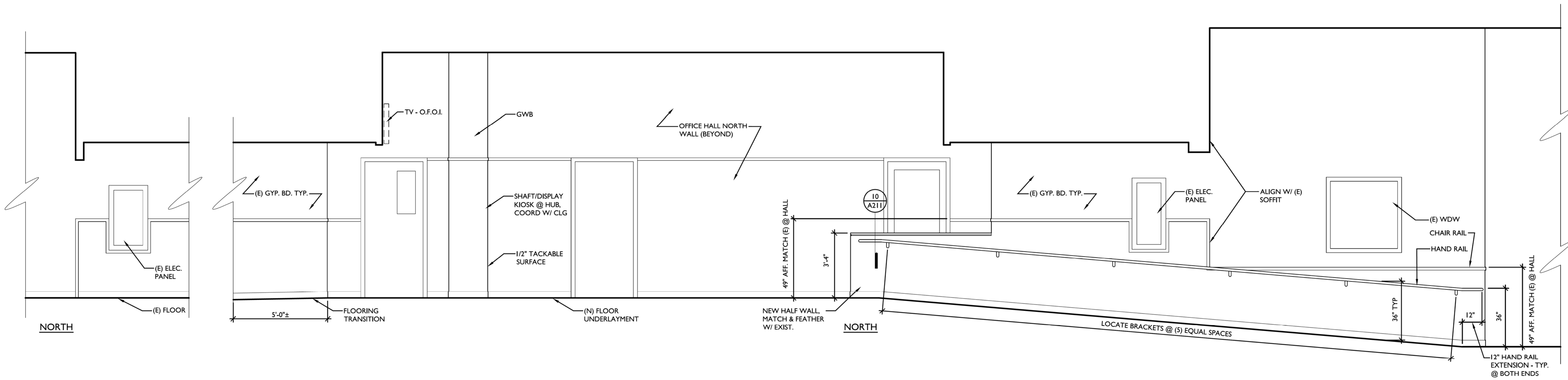
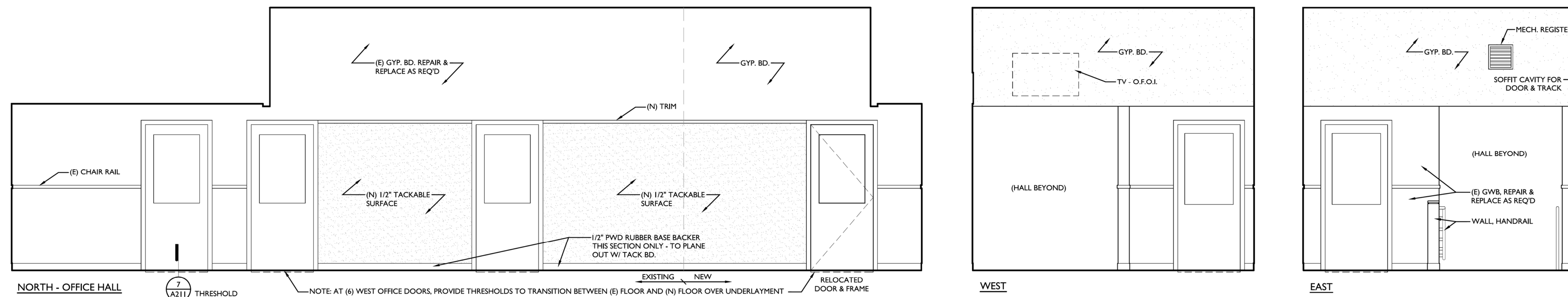
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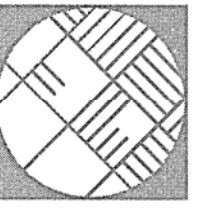


NORTH WING
INTERIOR
ELEVATIONS

A411

OF





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FRESH AIR ENGINEERING
8245 NW Chapman Drive - Corvallis, OR - 97330
541.738.8704 - freshair@freshairnet.net

UO A&AA
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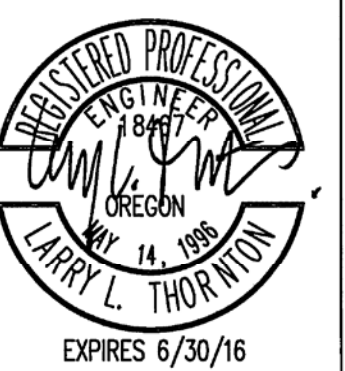
ISSUED
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PERMIT

1190 FRANKLIN BLVD
EUGENE, OR 97403

2014-10

REVISIONS:

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CHECKED BY: LT
DATE: 2 JUNE 2014
FILE:
XREF:



HVAC
PARTIAL
FLOOR
PLANS

M100

HVAC LEGEND

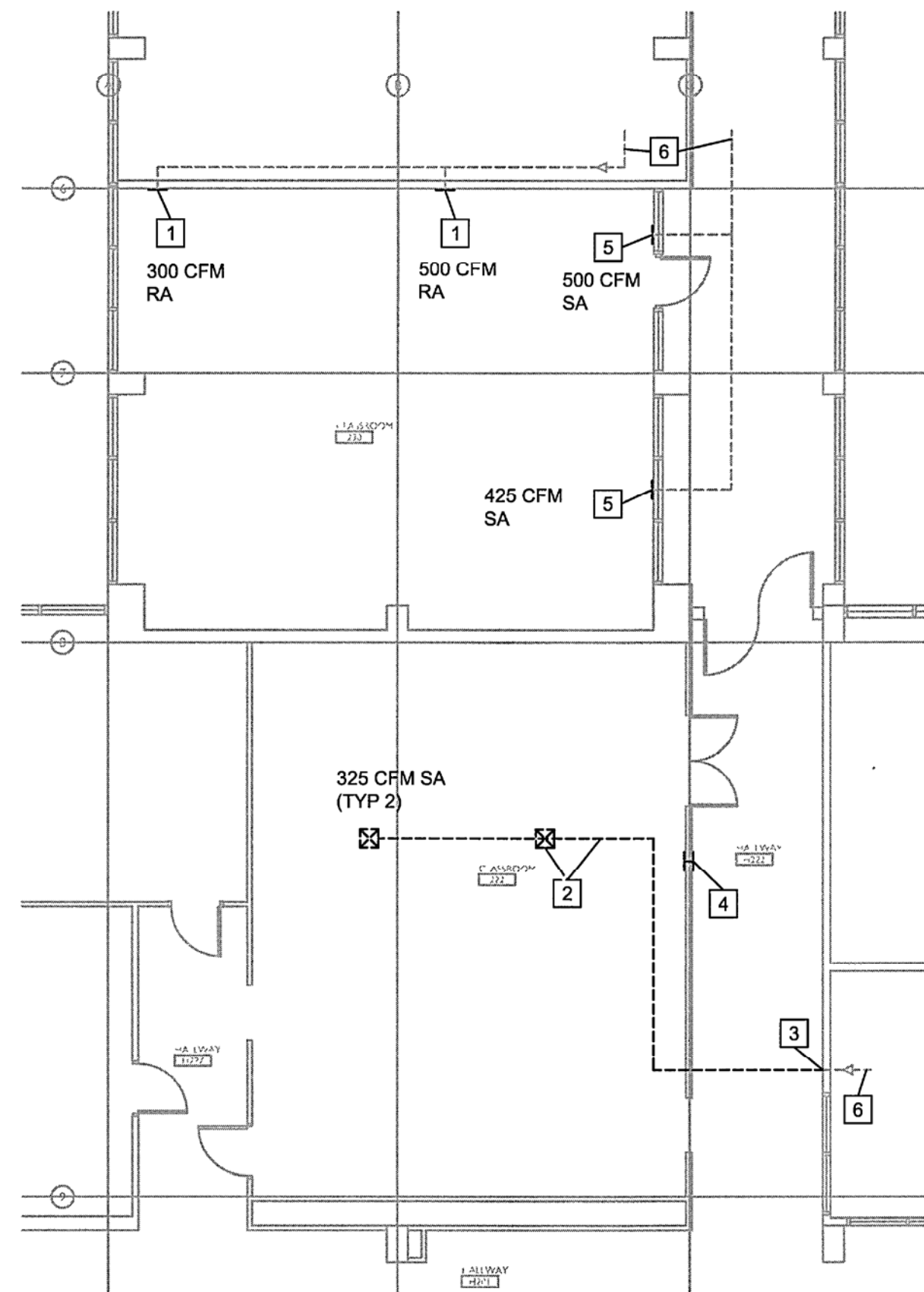
- SUPPLY AIR (SA)
- RETURN AIR (RA)
- TURNING VANES
- LINED DUCTWORK
- FLEX DUCT
- THERMOSTAT

GENERAL NOTES:

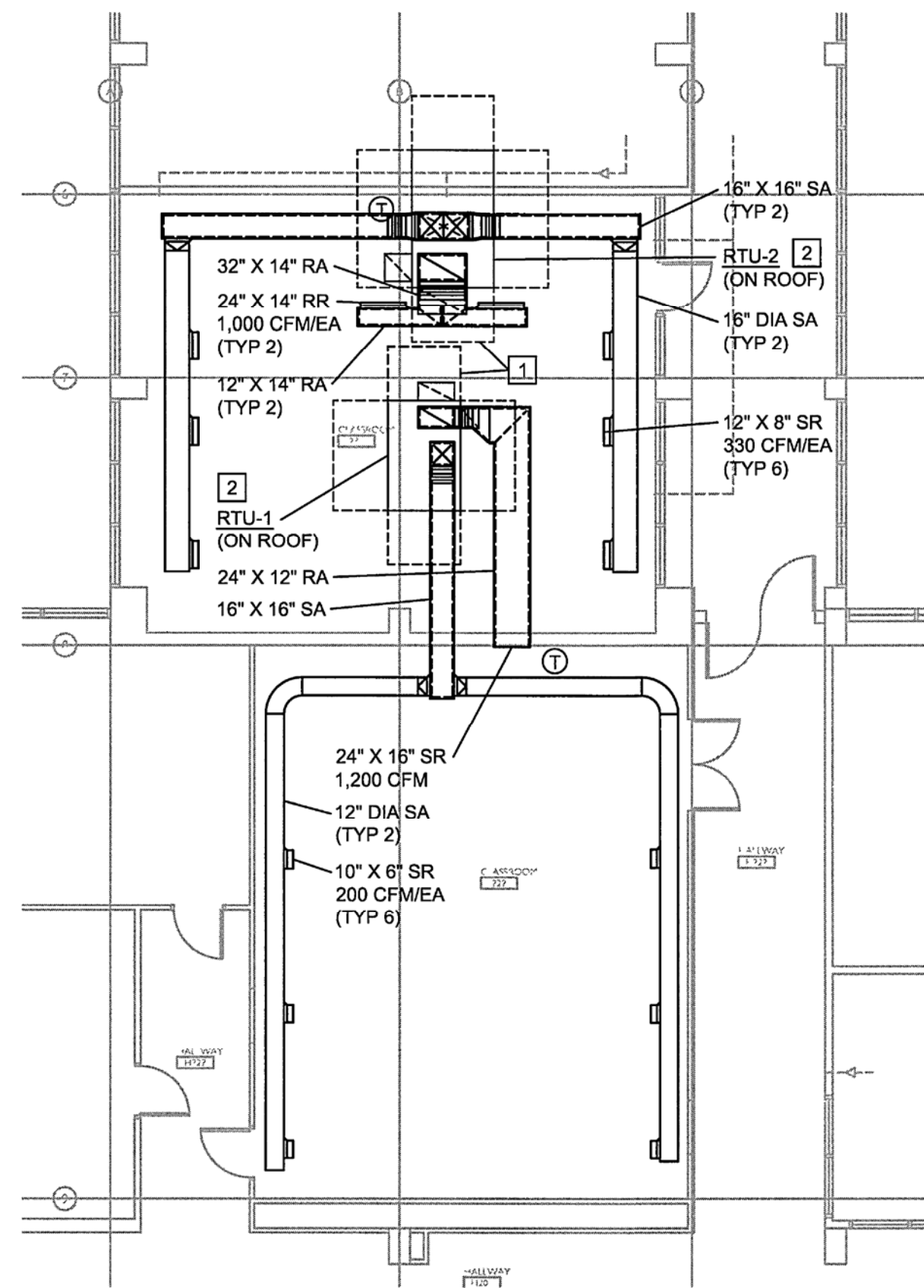
1. THE CONTRACTOR SHALL FIELD VERIFY THE SITE CONDITIONS AND DIMENSIONS BEFORE STARTING CONSTRUCTION.
2. FOR ALL LAYOUT OF EXPOSED DIFFUSERS, GRILLES, DUCTWORK AND OTHER EQUIPMENT, REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND SECTIONS.

MECHANICAL EQUIPMENT SCHEDULE:

1. PACKAGED ROOFTOP HEAT PUMP UNIT (RTU-1):
 - a. MANUFACTURER, MODEL NO: TRANE, MODEL WSC036
 - b. NOMINAL CAPACITY: 3 TON
 - c. AIRFLOW: 1,200 CFM, 0.50" ESP, 1 HP
 - d. COOLING CAPACITY: 38.48 MBH (TOTAL) / 31.17 MBH (SENSIBLE), 80 DEG F DB / 64 DEG F WB EAT, 95 DEG F AMBIENT
 - e. HEATING CAPACITY: 38.10 MBH, 60 DEG F EAT, 47 DEG F AMBIENT
 - f. REFRIGERANT: R-410A
 - g. EFFICIENCY: 13.0 SEER, 7.7 HSPF
 - h. AUXILIARY HEAT: 2-STAGE, 7.5 KW
 - i. FILTERS: 2" PLEATED FILTERS (MERV 7)
 - j. POWER: 208V/1PH, 75.6 AMPS MCA, 80 AMPS MOCPP
 - k. OPERATING WEIGHT: 691 LBS
 - l. ACCESSORIES: PROGRAMMABLE THERMOSTAT, NON-FUSED DISCONNECT SWITCH, SEISMIC ROOF CURB, DRY-BULB ECONOMIZER WITH POWERED EXHAUST, AND CO2 SENSOR, NON-POWERED 120V SERVICE OUTLET.
2. PACKAGED ROOFTOP HEAT PUMP UNIT (RTU-2):
 - a. MANUFACTURER, MODEL NO: TRANE, MODEL WSC060
 - b. NOMINAL CAPACITY: 5 TON
 - c. AIRFLOW: 2,000 CFM, 0.50" ESP, 1 HP
 - d. COOLING CAPACITY: 56.69 MBH (TOTAL) / 49.67 MBH (SENSIBLE), 80 DEG F DB / 64 DEG F WB EAT, 95 DEG F AMBIENT
 - e. HEATING CAPACITY: 58.91 MBH, 60 DEG F EAT, 47 DEG F AMBIENT
 - f. REFRIGERANT: R-410A
 - g. EFFICIENCY: 13.0 SEER, 7.7 HSPF
 - h. AUXILIARY HEAT: 2-STAGE, 10.4 KW
 - i. FILTERS: 2" PLEATED FILTERS (MERV 7)
 - j. POWER: 208V/3PH, 106.8 AMPS MCA, 110 AMPS MOCPP
 - k. OPERATING WEIGHT: 944 LBS
 - l. ACCESSORIES: PROGRAMMABLE THERMOSTAT, NON-FUSED DISCONNECT SWITCH, SEISMIC ROOF CURB, DRY-BULB ECONOMIZER WITH POWERED EXHAUST, CO2 SENSOR, RETURN AIR SMOKE DETECTOR, NON-POWERED 120V SERVICE OUTLET.
3. PACKAGED ROOFTOP HEAT PUMP UNIT (RTU-3):
 - a. MANUFACTURER, MODEL NO: TRANE, MODEL WSC060
 - b. NOMINAL CAPACITY: 5 TON
 - c. AIRFLOW: 2,000 CFM, 0.50" ESP, 1 HP
 - d. COOLING CAPACITY: 56.69 MBH (TOTAL) / 49.67 MBH (SENSIBLE), 80 DEG F DB / 64 DEG F WB EAT, 95 DEG F AMBIENT
 - e. HEATING CAPACITY: 58.91 MBH, 60 DEG F EAT, 47 DEG F AMBIENT
 - f. REFRIGERANT: R-410A
 - g. EFFICIENCY: 13.0 SEER, 7.7 HSPF
 - h. AUXILIARY HEAT: 2-STAGE, 12.0 KW
 - i. FILTERS: 2" PLEATED FILTERS (MERV 7)
 - j. POWER: 460V/3PH, 32.7 AMPS MCA, 35 AMPS MOCPP
 - k. OPERATING WEIGHT: 944 LBS
 - l. ACCESSORIES: PROGRAMMABLE THERMOSTAT, NON-FUSED DISCONNECT SWITCH, SEISMIC ROOF CURB, DRY-BULB ECONOMIZER WITH POWERED EXHAUST, CO2 SENSOR, RETURN AIR SMOKE DETECTOR, NON-POWERED 120V SERVICE OUTLET.



NORTH
1 WEST WING FLOOR PLAN - DEMO
SCALE: 1/8" = 1'-0"



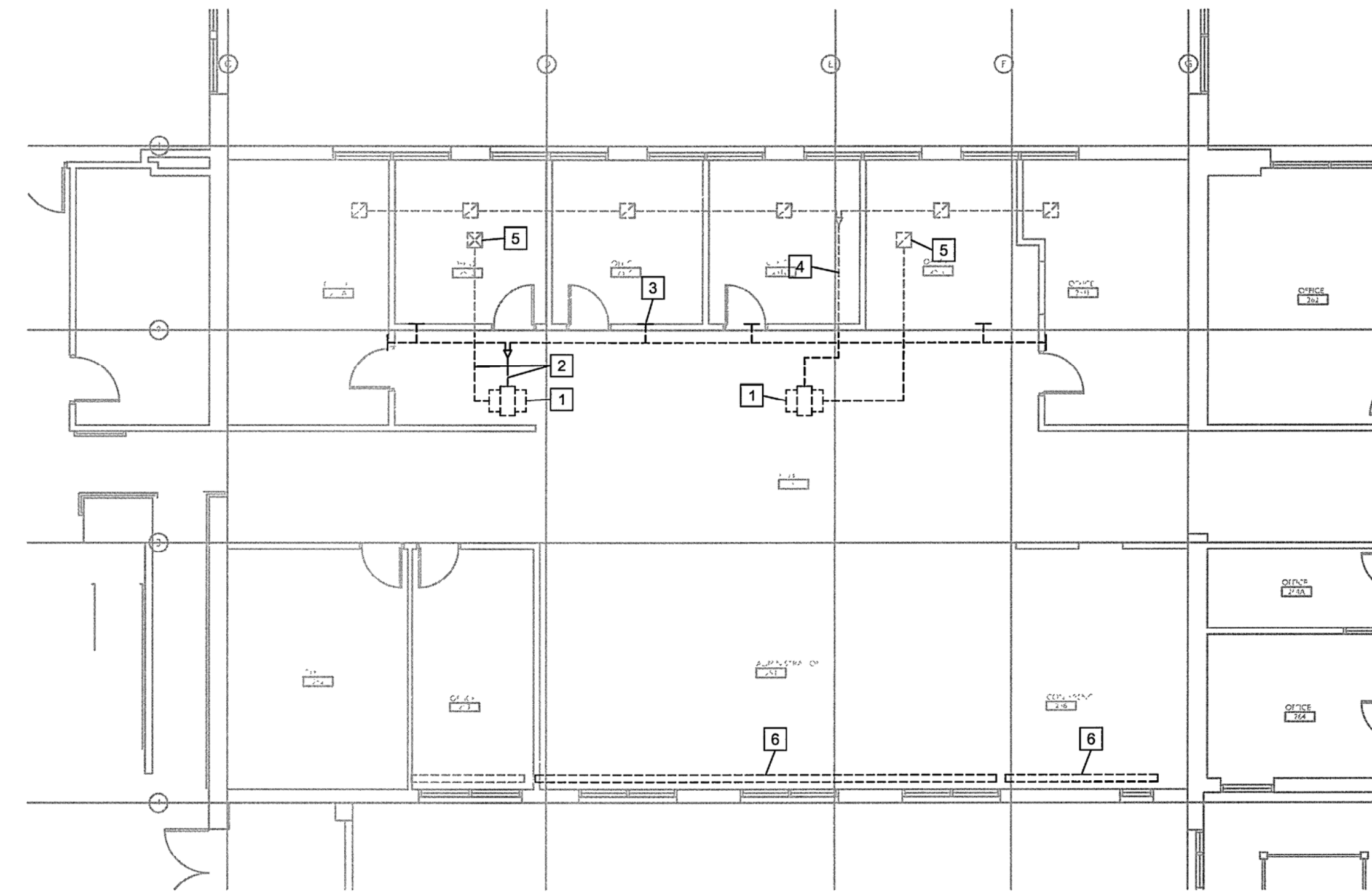
NORTH
2 WEST WING FLOOR PLAN - NEW
SCALE: 1/8" = 1'-0"

PLAN KEYED NOTES - DEMO:

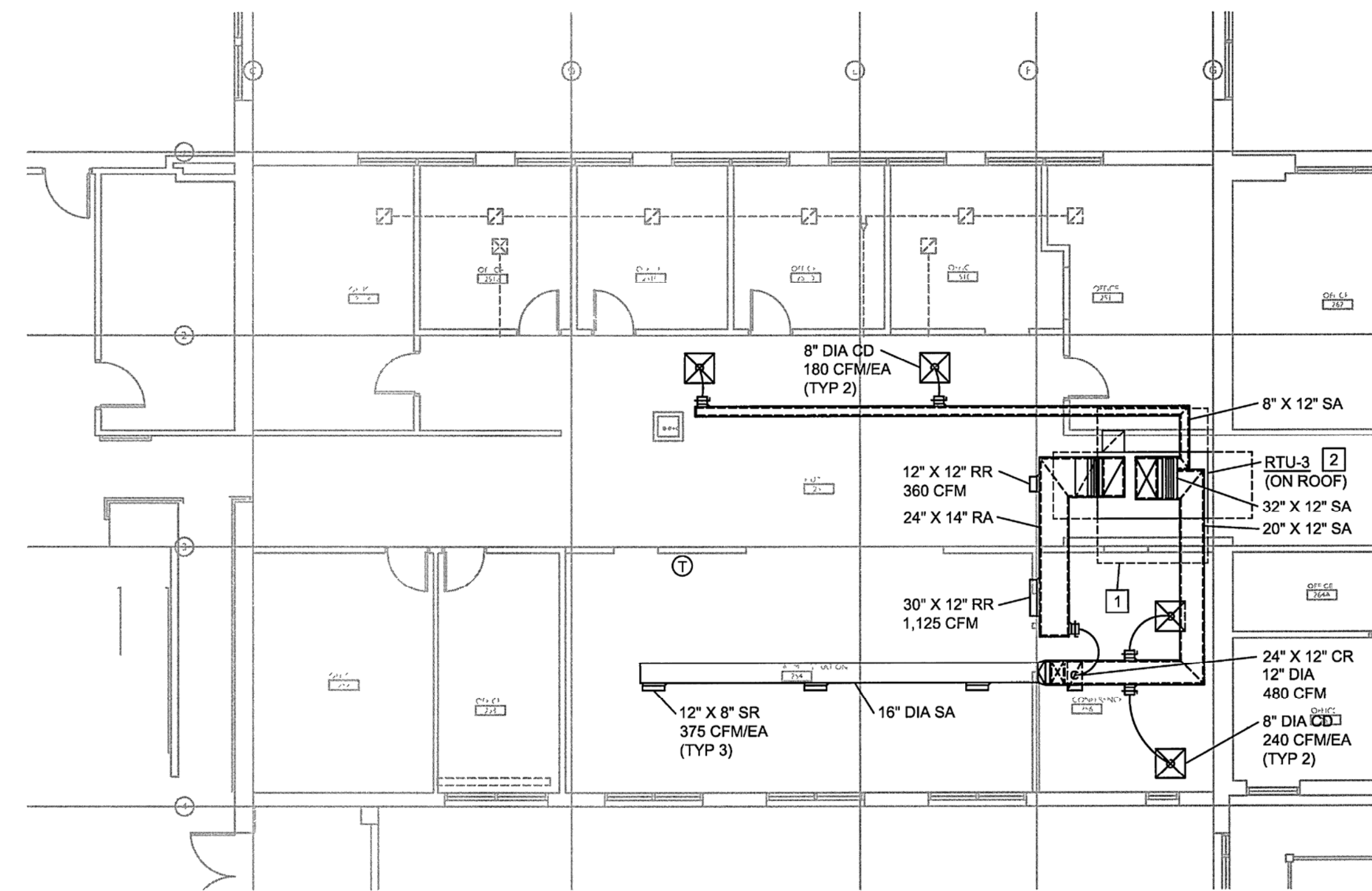
1. REMOVE EXISTING RETURN AIR GRILLE AND CAP RETURN AIR DUCTWORK.
2. REMOVE EXISTING SUPPLY AIR GRILLES, DUCTWORK AND DUCT SUPPORTS.
3. CAP EXISTING SUPPLY AIR DUCTWORK
4. REMOVE EXISTING TRANSFER GRILLE.
5. REMOVE EXISTING SUPPLY AIR GRILLE AND CAP SUPPLY AIR DUCTWORK
6. REBALANCE EXISTING AIR HANDLING UNIT AS REQUIRED.

PLAN KEYED NOTES - NEW:

1. EQUIPMENT ACCESS SPACE
2. PIPE ROOFTOP UNIT CONDENSATE DRAIN TO NEAREST ROOF DRAIN.



NORTH
3 NORTH WING FLOOR PLAN - DEMO
SCALE: 1/8" = 1'-0"



NORTH
4 NORTH WING FLOOR PLAN - NEW
SCALE: 1/8" = 1'-0"

PLAN KEYED NOTES - DEMO:

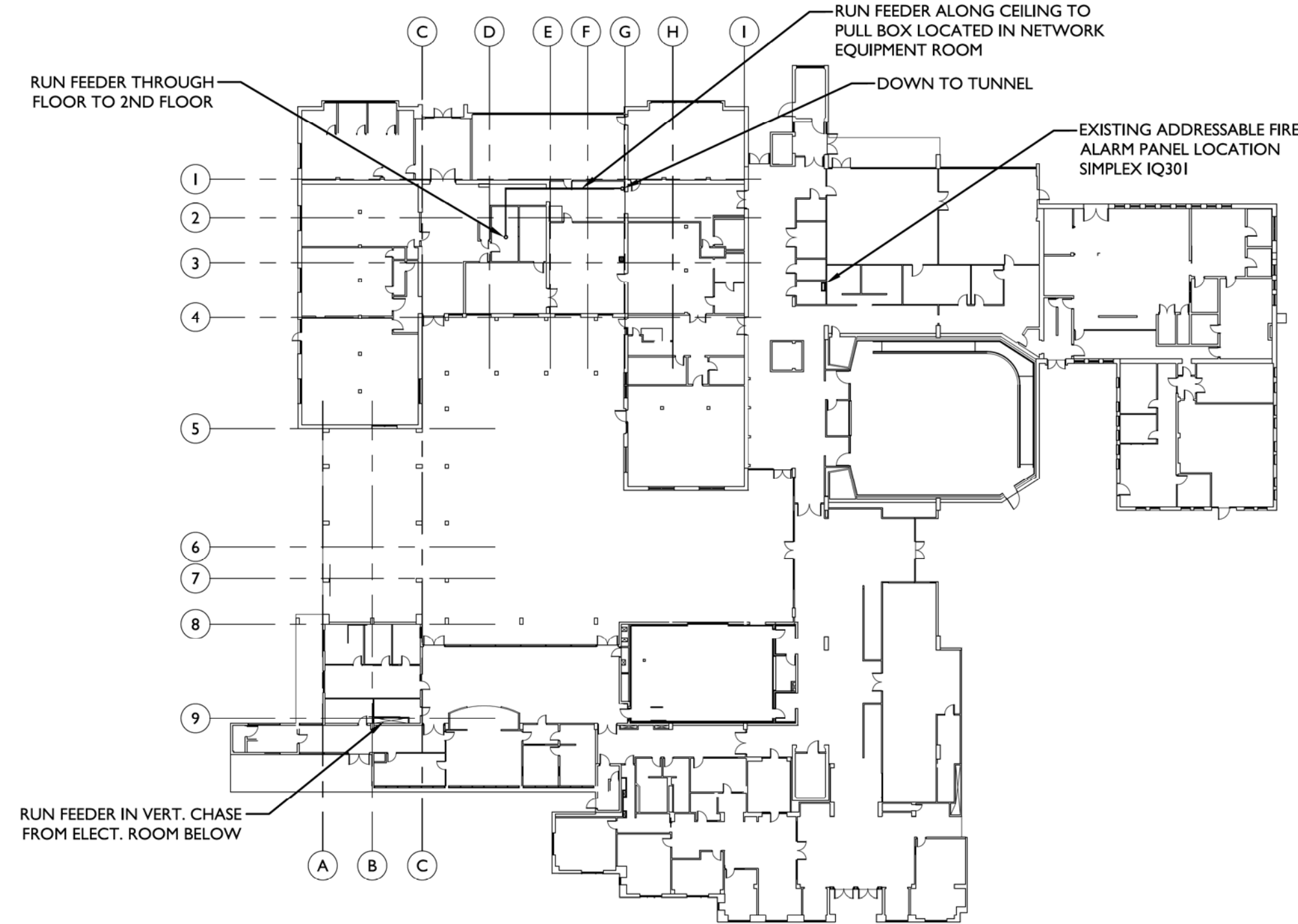
1. REMOVE EXISTING SUPPLY AND EXHAUST FANS, CONTROLS AND HANGERS.
2. REMOVE EXISTING DUCTWORK AND SUPPORTS. CAP DUCTWORK AS INDICATED.
3. REMOVE EXISTING SUPPLY AIR GRILLES (TYP OF 6).
4. EXISTING DUCTWORK AND GRILLES TO REMAIN (TYP).
5. REMOVE EXISTING ROOF INTAKE AND EXHAUST HOOD. INSTALL SHEETMETAL CAP ON EXISTING ROOF CURB.
6. REMOVE EXISTING FINNED TUBE RADIATORS, CONTROL VALVES AND THERMOSTAT. REMOVE STEAM AND CONDENSATE PIPING BELOW FLOOR AND CAP.

PLAN KEYED NOTES - NEW:

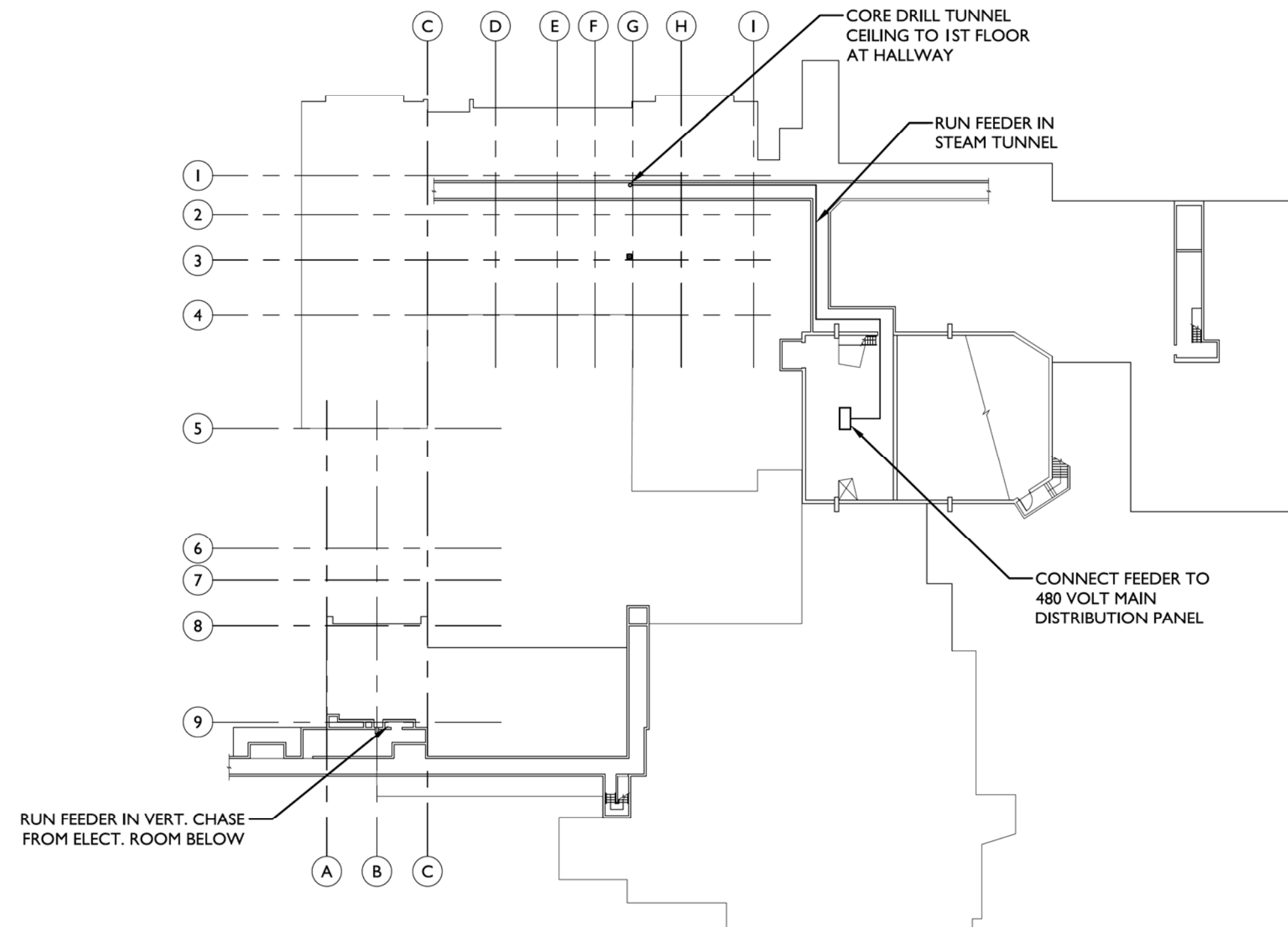
1. EQUIPMENT ACCESS SPACE.
2. PIPE ROOFTOP UNIT CONDENSATE DRAIN TO NEAREST ROOF DRAIN.

ELECTRICAL SYMBOL LIST

- B25 Duplex receptacle, circuit number indicated
- (E) Existing Duplex Receptacle
- GFI Duplex Receptacle with GFI Protector
- WP Duplex Receptacle with Weatherproof Cover
- +42" Duplex Receptacle, Installation Height Indicated
- Quadraplex Receptacle
- Wall Mounted Speaker
- Ceiling Mounted Projector
- Clock Outlet
- A/V Outlet
- Junction Box
- Motor Connection
- Disconnect Switch
- Data / Comm Outlet, Port Number Indicated
- 24 Emergency Transfer Relay
- Relay Panel
- Emergency Phone
- Branch Circuit Panel - Flush Mounted
- Branch Circuit Panel - Surface Mounted
- Single Pole Switch
- Three Way Switch
- Dimmer Switch
- Wall Mounted Occupancy Sensor
- Ceiling Mounted Occupancy Sensor
- Ceiling Mounted Photosensor
- Exterior Wall Mounted Photocell
- Existing Emergency Fixture
- Fire Alarm with Initiation Loop
- Surface Mounted Light Fixture
- Recessed Light Fixture
Hatching indicates emergency egress route lighting
- Pendant Mounted Light Fixture
- Pendant-mounted Fluorescent Light Fixture
Hatching indicates emergency egress route lighting
- Exit Sign
- Home Run to Panel
- Conduit Run Exposed or Concealed Where Possible
- Wireless Access Point Location for CAT4E Cables in Surface Mount Box or Coiled in Deep Electrical Box
- 0-10V DC Wiring



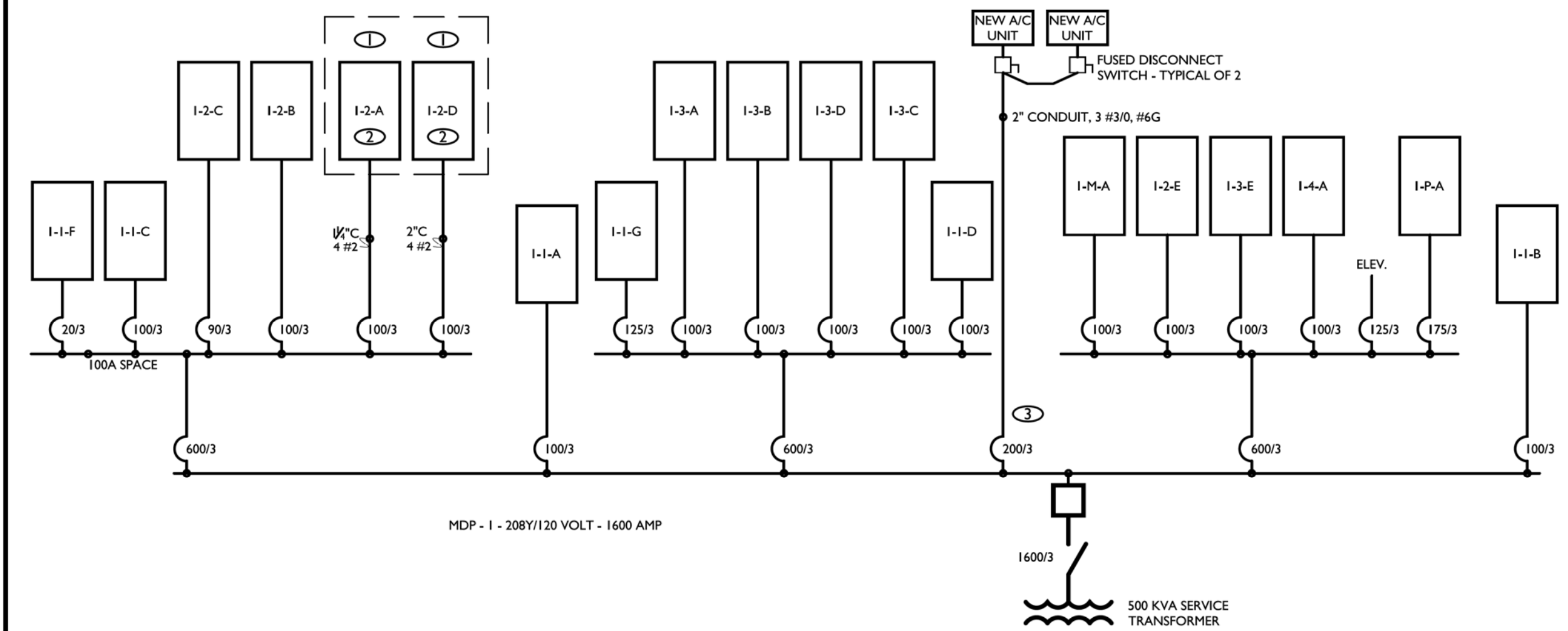
1 1/32" = 1'-0" BUILDING 1ST FLOOR FEEDER DIAGRAM



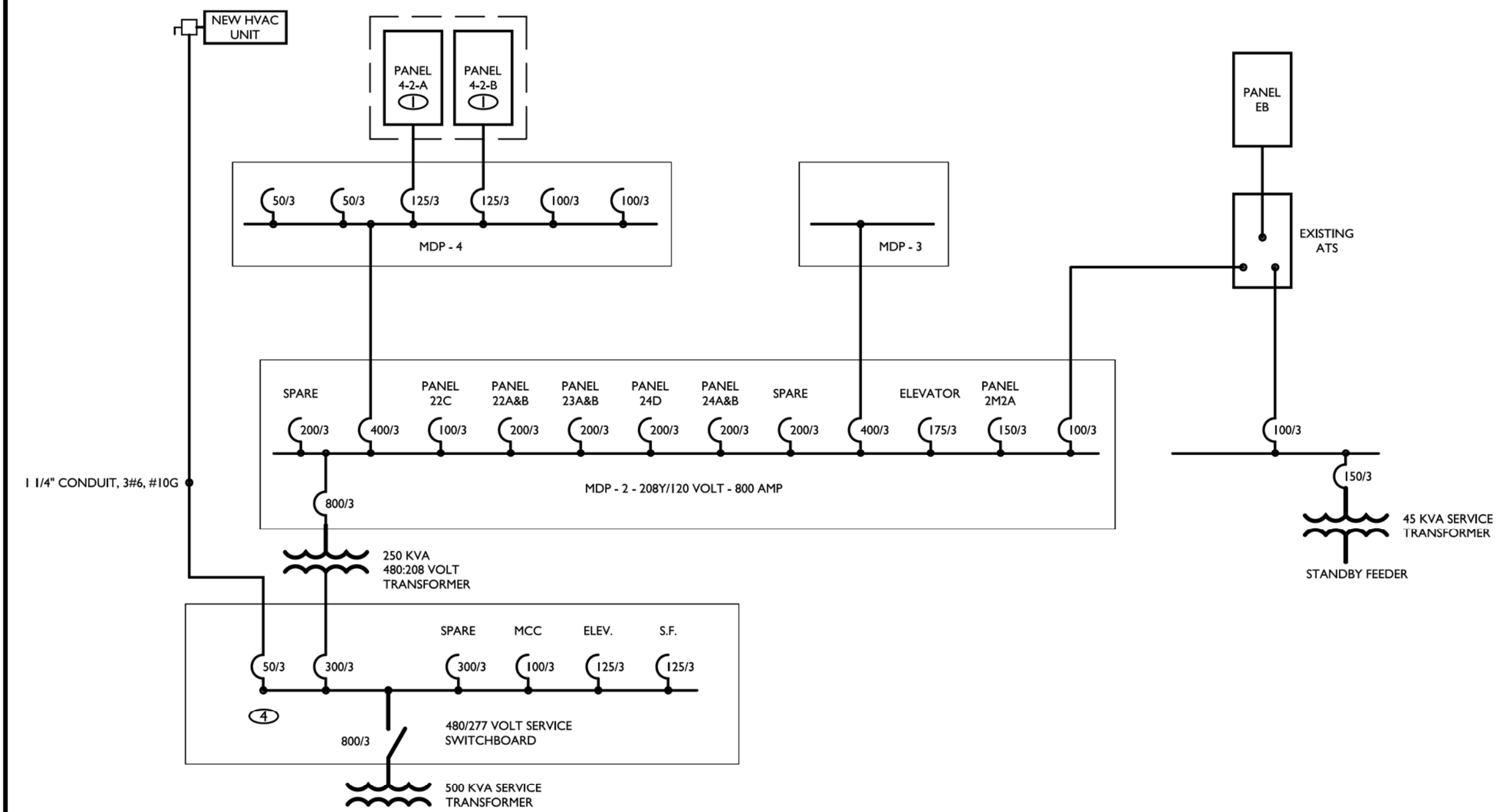
2 1/32" = 1'-0" BUILDING BASEMENT FEEDER DIAGRAM

KEYNOTES

- ① SEE PANEL SCHEDULE DRAWING E101 FOR PANEL REVISIONS
- ② REMOVE PANEL INTERIOR. INSTALL NEW PANEL INTERIOR AND BREAKERS PER PANEL SCHEDULE. RE-TERMINATE EXISTING FEEDER CONDUCTORS.
- ③ INSTALL NEW 200/3 CIRCUIT BREAKER IN EXISTING SIEMENS FC 1 SERIES DISTRIBUTION PANEL.
- ④ INSTALL NEW 50/3 CIRCUIT BREAKER IN EXISTING SIEMENS 480 VOLT DISTRIBUTION PANEL.



3 N.T.S. ELECTRICAL ONE LINE DIAGRAM MDP-1-LAWRENCE WEST WING



4 N.T.S. ELECTRICAL ONE LINE DIAGRAM LAWRENCE NORTH WING

Paradigm Engineering
 88193 Appletree Drive, Eugene OR 97405
 James Krumsick PE, LEED AP
 541.285.1680
 jkrumsick@gmail.com



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UO A&AA REMODEL

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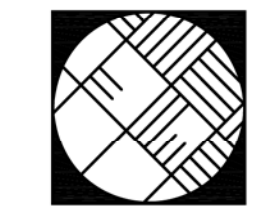


**LEGEND:
 ONE LINE DIAGRAMS;
 FEEDER PLAN DIAGRAMS**

E100

OF

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 James Krumack PE LEED AP
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PANEL SCHEDULES

E101

OF

PANEL SCHEDULE

PANEL: 1-2-D
 VOLTS: 120/208
 LOCATION: Hallway
 MOUNTING: Recessed

DATE: June 3, 2014
 PROJECT:

TYPE: Square D AMPS: 100
 NQO
 PHASE: 3 WIRE: 4
 MAIN: Lugs

LOAD CLASS	Conn. VA	Demand Factor	Demand Load VA
LIGHTING	3720	125%	4650
OUTLETS	16500	**	13250
MOTOR LOADS	0	**	0
RESISTANCE LOADS	0	100%	0
SUBFEED	0	100%	0
PANEL D2	0	100%	0

	Connected	Demand
TOTAL VOLT-AMPS	20,220	17,900
MAXIMUM PHASE AMPS	68.5	49.7

NOTES: * Replace existing panel interior with new 30 circuit panel interior
 **Reuse circuit breaker currently used for lighting to feed new receptacles
 ***Extend existing receptacle circuit to new classroom receptacles

LOAD CLASS	BREAKER A	P	DESCRIPTION	WATTS	CIR. NO.	PHASE	CIR. NO.	WATTS	DESCRIPTION	BREAKER P	A	LOAD CLASS
2	20	1	Classroom 230 Receptacles***	720	1	A	2	1500	Existing Lighting Hall	1	20	1
2	20	1	Classroom 230 Receptacles***	720	3	B	4	1500	Existing Lighting Room 230	1	20	1
2	20	1	Existing Receptacle Circuit Fine Arts	720	5	C	6	720	Existing Receptacle Circuit - 231	1	20	2
2	20	1	Existing Receptacle Circuit Fine Arts	720	7	A	8	720	Existing Receptacle Circuit - 237C	1	20	2
2	20	1	Existing Room 231 Lighting Circuit***	1500	9	B	10	720	Existing Receptacle Circuit - 237D	1	20	2
2	20	1	Existing Room 231 Lighting Circuit***	1500	11	C	12	720	Existing Receptacle Circuit	1	20	2
1	20	1	Spare***		13	A	14	720	Existing Receptacle Circuit	1	20	2
1	20	1	Existing Screen Circuit 231	720	15	B	16	720	Existing Receptacle Circuit - 237 Foyer	1	20	2
2	20	1	Existing Receptacle Circuit Room 237	720	17	C	18	720	Existing Receptacle Circuit - 237B	1	20	2
2	20	1	Existing Receptacle Circuit Room 237	720	19	A	20	720	Existing Receptacle Circuit - 237A	1	20	2
2	20	1	Existing Receptacle Circuit Room 237	720	21	B	22	720	Existing Receptacle Circuit - 237D	1	20	2
2	20	1	Spare		23	C	24	900	Existing Receptacle Circuit - 237D	1	20	2
2	20	1	Spare		25	A	26	180	New Rooftop Unit Receptacle**	1	20	2
2	20	1	Spare		27	B	28	900	Existing Receptacle Circuit	1	20	2
2	20	1	Spare		29	C	30		Spare	1	20	3

	Connected VA	Demand VA	Connected Amps	Demand Amps
PHASE TOTALS	6000	5489	50.0	45.7
	8220	7593	68.5	63.3
	6000	4818	50.0	40.2

* 10kVA at 100%, remainder at 50%
 ** 100% plus 25% of the largest Motor

1 N.T.S. PANEL I-2-D SCHEDULE

PANEL SCHEDULE

PANEL: 1-2A
 VOLTS: 120/208
 LOCATION: Hallway
 MOUNTING: Recessed

DATE: June 3, 2014
 PROJECT:

TYPE: Square D AMPS: 100
 NQO
 PHASE: 3 WIRE: 4
 MAIN: Lugs

LOAD CLASS	Conn. VA	Demand Factor	Demand Load VA
LIGHTING	4500	125%	5625
OUTLETS	16800	**	13400
MOTOR LOADS	0	**	0
RESISTANCE LOADS	0	100%	0
SUBFEED	0	100%	0
PANEL D2	0	100%	0

	Connected	Demand
TOTAL VOLT-AMPS	21,300	19,025
MAXIMUM PHASE AMPS	67.0	52.8

NOTES: * Replace existing panel interior with new 30 circuit panel interior
 **Reuse circuit breaker currently used for lighting to feed new receptacles
 ***Consolidate (2) lighting circuits on a single circuit breaker pole.
 ****Extend existing receptacle circuit to new classroom receptacles
 Trace existing circuitry and provide updated Circuit Directory

LOAD CLASS	BREAKER A	P	DESCRIPTION	WATTS	CIR. NO.	PHASE	CIR. NO.	WATTS	DESCRIPTION	BREAKER P	A	LOAD CLASS
1	20	1	Existing Hall Lighting Circuit	1500	1	A	2	720	Existing Receptacle Circuit 222****	1	20	2
1	20	1	Spare***		3	B	4	720	Existing Receptacle Circuit 222****	1	20	2
2	20	1	Existing Lighting Circuit Room 222/230***	1500	5	C	6	720	New Receptacle Circuit 222****	1	20	2
2	20	1	Existing Receptacle Circuit	720	7	A	8		Spare	1	20	2
2	20	1	Existing Receptacle Circuit	720	9	B	10	720	Existing Receptacle Circuit	1	20	2
2	20	1	Existing Receptacle Circuit	720	11	C	12	720	Existing Receptacle Circuit	1	20	2
1	20	1	Existing Office Lighting Circuit***	1500	13	A	14	720	Existing Receptacle Circuit - Offices	1	20	2
1	20	1	Existing Office Lighting Circuit***	1500	15	B	16	720	Existing Receptacle Circuit - Offices	1	20	2
2	20	1	Spare***		17	C	18	720	Existing Receptacle Circuit - Offices	1	20	2
2	20	1	Existing Receptacle Circuit - 210A	720	19	A	20	720	Existing Receptacle Circuit - Offices	1	20	2
2	20	1	Existing Receptacle Circuit Offices	720	21	B	22	720	Existing Receptacle Circuit - Offices	1	20	2
2	20	1	Existing Receptacle Circuit Offices	720	23	C	24	900	Existing Receptacle Circuit - Offices	1	20	2
2	20	1	Existing Receptacle Circuit Plugmold	720	25	A	26	720	Existing Receptacle Circuit	1	20	2
2	20	1	Existing Receptacle Circuit	720	27	B	28		Spare	1	20	2
2	20	1	Spare		29	C	30		Spare	2	20	3

	Connected VA	Demand VA	Connected Amps	Demand Amps
PHASE TOTALS	8040	7770	67.0	64.8
	6540	5895	54.5	49.1
	6720	5360	56.0	44.7

* 10kVA at 100%, remainder at 50%
 ** 100% plus 25% of the largest Motor

2 N.T.S. PANEL I-2A SCHEDULE

PANEL SCHEDULE

PANEL: 4-2A
 VOLTS: 120/208
 LOCATION: Hallway
 MOUNTING: Surface

DATE: June 3, 2014
 PROJECT:

TYPE: Square D AMPS: 225
 NQOB
 PHASE: 3 WIRE: 4
 MAIN: Lugs

LOAD CLASS	Conn. VA	Demand Factor	Demand Load VA
LIGHTING	12000	125%	15000
OUTLETS	17280	**	13640
MOTOR LOADS	4500	**	4500
RESISTANCE LOADS	0	100%	0
SUBFEED	0	100%	0
PANEL D2	0	100%	0

	Connected	Demand
TOTAL VOLT-AMPS	33,780	33,140
MAXIMUM PHASE AMPS	100.0	92.1

NOTES: * Existing 20/1 circuit breaker becomes spare with lighting circuit consolidation
 ** Reuse circuit breaker currently used for lighting to feed new receptacles
 ***Consolidate (2) lighting circuits on a single circuit breaker pole.
 ****Extend existing office area receptacle circuit to new office receptacles
 Trace existing circuitry and provide updated Circuit Directory

LOAD CLASS	BREAKER A	P	DESCRIPTION	WATTS	CIR. NO.	PHASE	CIR. NO.	WATTS	DESCRIPTION	BREAKER P	A	LOAD CLASS
2	20	1	New Receptacle Circuits - 254****	900	1	A	2	1500	Existing Lighting Circuit***	1	20	1
2	20	1	New Receptacle Circuits - 254 / 256****	720	3	B	4	720	Existing Receptacle Circuit - 221	1	20	2
2	20	1	New Receptacle Circuits - 254****	720	5	C	6	720	Existing Receptacle Circuit - 221	1	20	2
1	20	1	Existing Lighting Circuit***	1500	7	A	8	1500	Existing Lighting Circuit***	1	20	1
1	20	1	Existing Lighting Circuit***	1500	9	B	10	360	Flatscreen TVs	1	20	2
2	20	1	Conference Room 256 Outlet**	180	11	C	12	720	Existing Receptacle Circuit	1	20	2
1	20	1	Spare*		13	A	14	1500	Existing Lighting Circuit***	1	20	1
2	20	1	Existing Receptacle Circuit - 241	720	15	B	16	720	Existing Receptacle Circuit	1	20	2
2	20	1	Existing Receptacle Circuit - 225, 239	720	17	C	18	500	Existing Exhaust Fan	3	20	3
2	20	1	Existing Receptacle Circuit - 227	720	19	A	20	500				3
2	20	1	Existing Receptacle Circuit - 225, 226	720	21	B	22	500				3
1	20	1	Existing Lighting Circuit***	1500	23	C	24	720	Existing Receptacle Circuit Fan Room	1	20	2
4	20	1	Spare*		25	A	26	720	Existing Receptacle Circuit	1	20	2
2	20	1	Existing Receptacle Circuit - 228	720	27	B	28	720	Existing Receptacle Circuit	1	20	2
2	20	1	Existing Receptacle Circuit - 228	720	29	C	30	720	Existing Receptacle Circuit	1	20	2
2	20	1	Existing Receptacle Circuit - 228	720	31	A	32	720	Existing Receptacle Circuit	1	20	2
1	20	1	Existing Lighting Circuit***	1500	33	B	34	720	Existing Receptacle Circuit	1	20	2
2	20	1	Existing Receptacle Circuit	720	35	C	36	720	Existing Receptacle Circuit	1	20	2
2	20	1	Existing Receptacle Circuit - 225, 226	720	37	A	38	1000	Existing Receptacle Circuit 251A Wall Unit	1	20	3
2	20	1	Spare*		39	B	40	1000	Existing Receptacle Circuit 251B Wall Unit	1	20	3
1	20	1	Existing Lighting Circuit***	1500	41	C	42	1000	Existing Receptacle Circuit 251C Wall Unit	1	20	3

	Connected VA	Demand VA	Connected Amps	Demand Amps
PHASE TOTALS	12000	12802	100.0	106.7
	10620	10331	88.5	86.1
	11160	10757	93.0	89.6

* 10kVA at 100%, remainder at 50%
 ** 100% plus 25% of the largest Motor

3 N.T.S. PANEL 4-2A SCHEDULE

PANEL SCHEDULE

PANEL: 4-2B
 VOLTS: 120/208
 LOCATION: Hallway
 MOUNTING: Surface

DATE: June 3, 2014
 PROJECT:

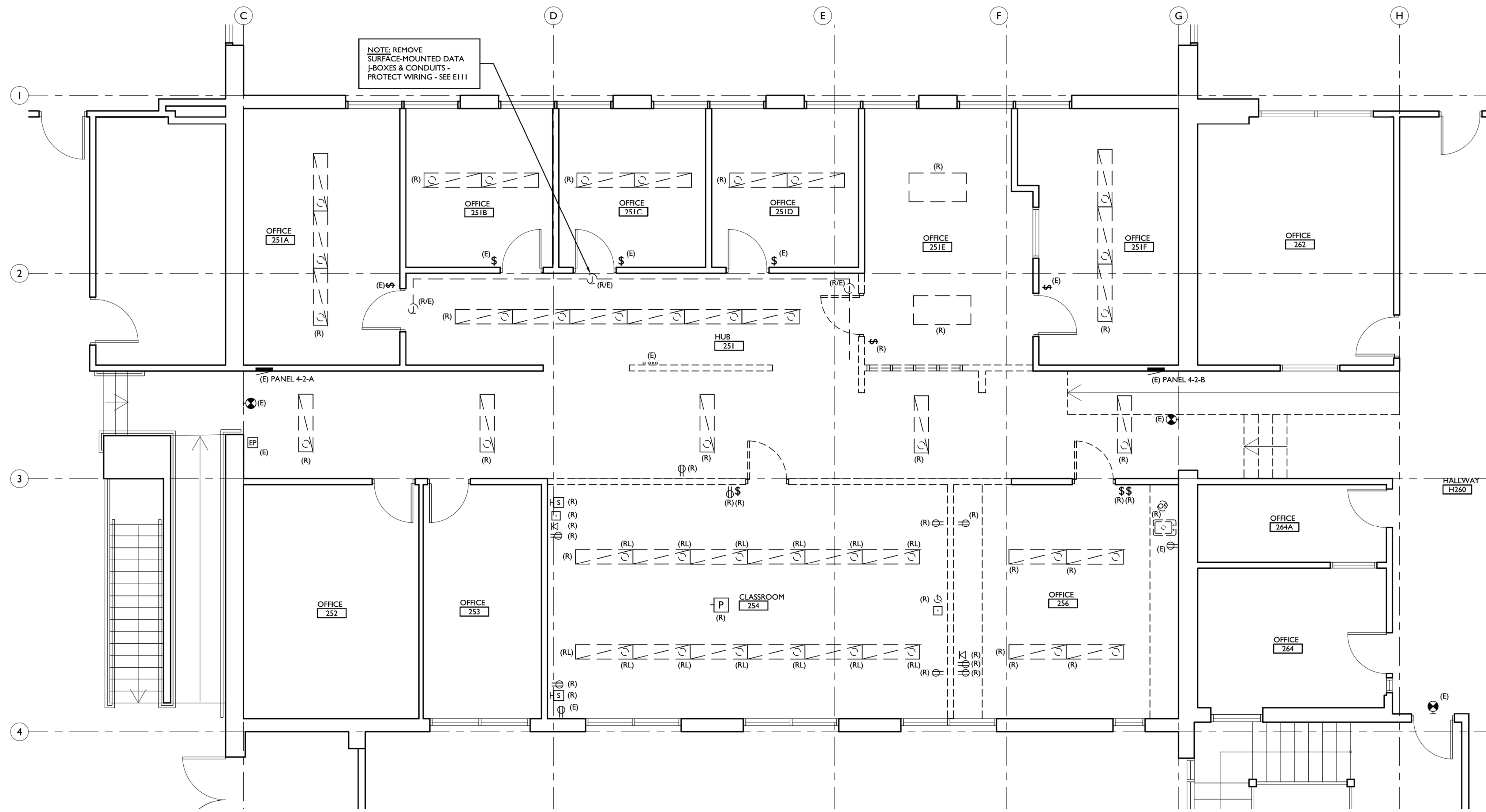
TYPE: Square D AMPS: 200
 NQOB
 PHASE: 3 WIRE: 4
 MAIN: Lugs

LOAD CLASS	Conn. VA	Demand Factor	Demand Load VA
LIGHTING	6180	125%	7725
OUTLETS	23760	**	16880
MOTOR LOADS	0	**	0
RESISTANCE LOADS	2000	100%	2000
SUBFEED	0	100%	0
PANEL D2	0	100%	0

	Connected	Demand
TOTAL VOLT-AMPS	31,940	26,605
MAXIMUM PHASE AMPS	92.5	73.9

NOTES: * Existing 20/1 circuit breaker becomes spare with lighting circuit consolidation
 ** Reuse circuit breaker currently used for lighting to feed new receptacles
 ***Consolidate (2) lighting circuits on a single circuit breaker pole.
 ****Extend existing office area receptacle circuit to new office receptacles
 Trace existing circuitry and provide updated Circuit Directory

LOAD CLASS	BREAKER A	P	DESCRIPTION	WATTS	CIR. NO.	PHASE	CIR. NO.	WATTS	DESCRIPTION	BREAKER P	A	LOAD CLASS
1	20	1	Existing Lighting Circuit***	1500	1	A	2	720	Existing Receptacle Circuit	1	20	2
1	20	1	New Rooftop unit Receptacle**	180	3	B	4	1500	Existing Lighting Circuit***	1	20	1
1	20	1	Existing Lighting Circuit***	1500	5	C	6	720	Existing Receptacle Circuit	1	20	2
2	20	1	Existing Receptacle Circuit	720	7	A	8		Spare*	1	20	2
2	20	1	Existing Receptacle Circuit Room 263	720	9	B	10	1500	Existing Lighting Circuit***	1	20	1
2	20	1	Existing Receptacle Circuit	720	11	C	12	720	Existing Receptacle Circuit	1	20	2
2	20	1	Existing Receptacle Circuit	720	13	A	14	720	Existing Receptacle Circuit	1	20	2
2	20	1	Existing Receptacle Circuit	720	15	B	16	720	Existing Receptacle Circuit	1	20	2
2	20	1	Existing Receptacle Circuit	720	17	C	18		Spare*	1	20	2
2	20	1	Existing Receptacle Circuit	720	19	A	20	720	Existing Receptacle Circuit	1	20	2
2	20	1	Existing Receptacle Circuit	720	21	B	22	720	Existing Receptacle Circuit	1	20	2
2	20	1	Existing Receptacle Circuit	720	23	C	24	1000	Existing Espresso Machine Circuit	1	20	4
2	20	1	Existing Receptacle Circuit	720	25	A	26	1000	Existing Espresso Machine Circuit	1	20	4
2	20	1	Existing Receptacle Circuit	720	27	B	28</					



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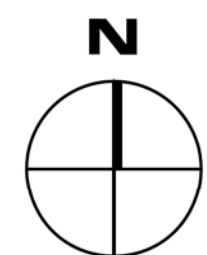
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I 1/4" = 1'-0" ELECTRICAL DEMOLITION PLAN

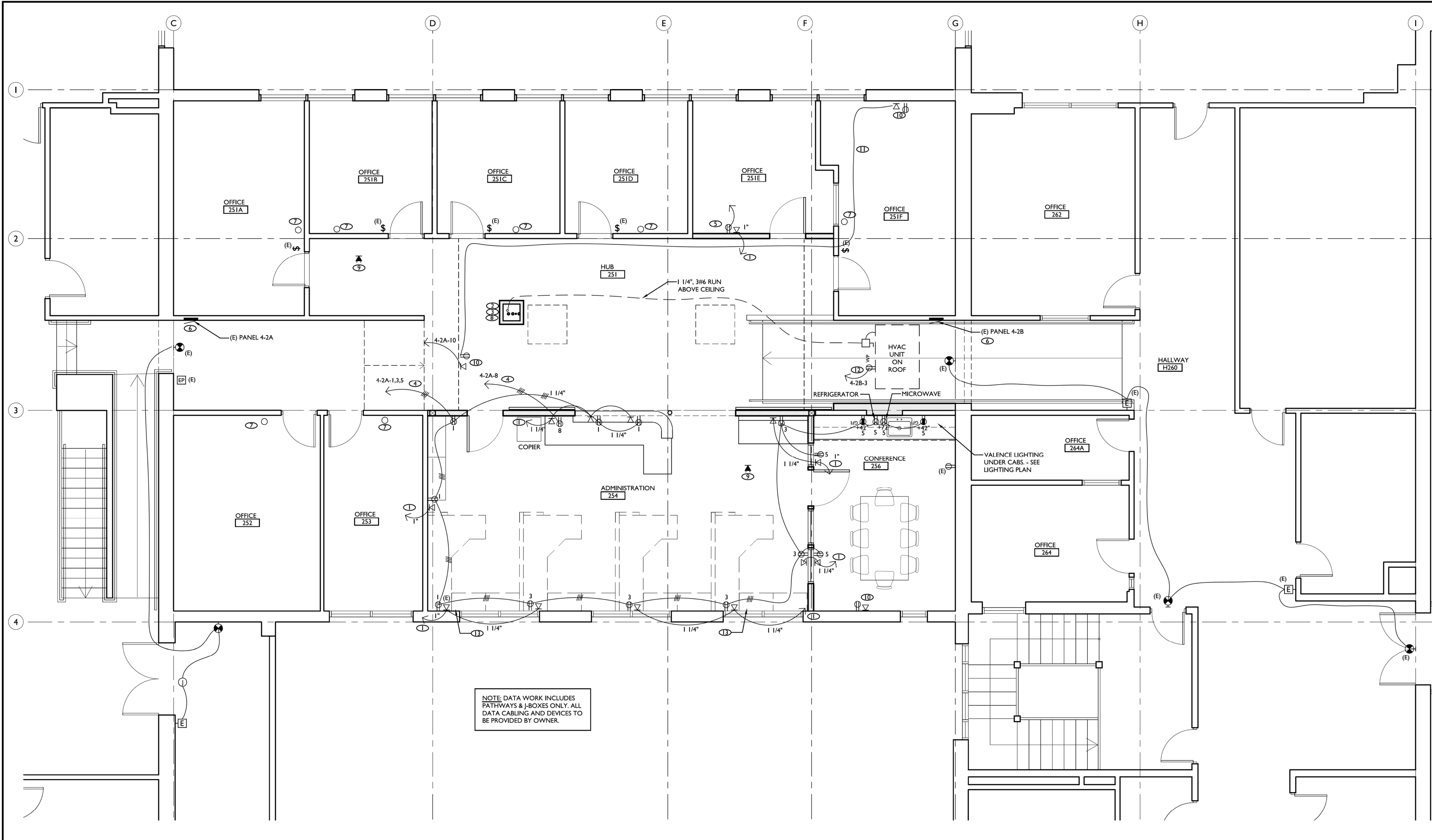
ABBREVIATIONS

- (E) = EXISTING FIXTURE / RECEPTACLE / JACK / CONDUIT - PROTECT TO REMAIN
- (R) = REMOVE
- (RL) = RELOCATE

NORTH WING:
 ELECTRICAL
 DEMOLITION
 PLAN

E110

OF



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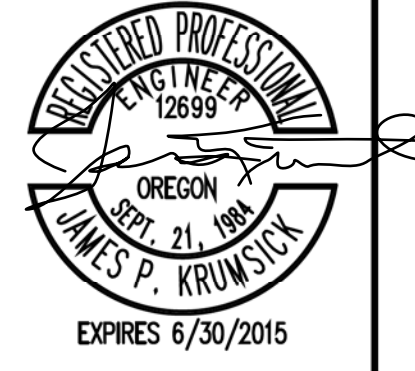
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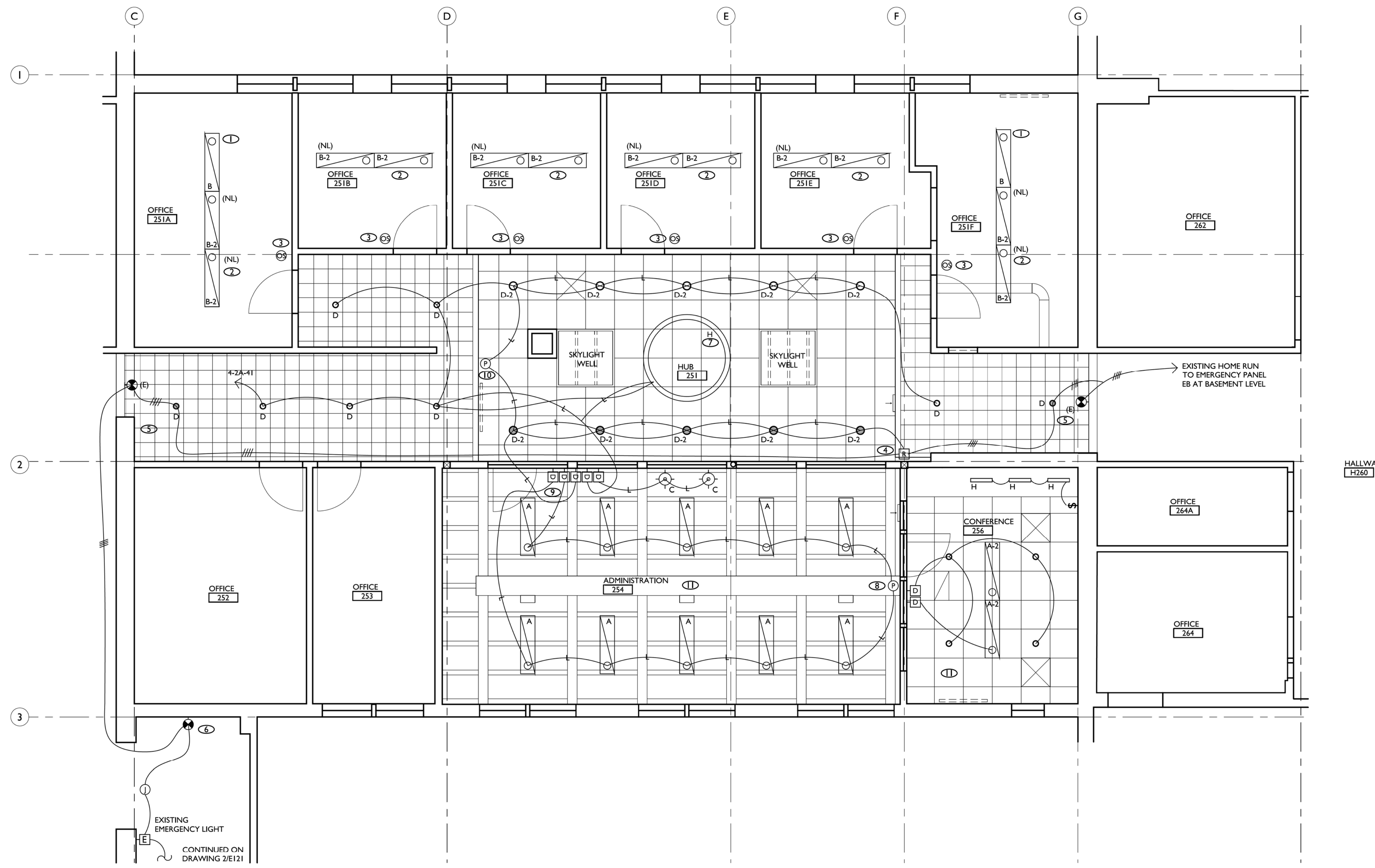


1/4" = 1'-0" POWER / DATA PLAN

KEY NOTES

- ① STUB CONDUIT INTO ATTIC SPACE.
- ② DISCONNECT WIRING IN EXISTING NETWORK FACEPLATES IN ROOMS BETWEEN GRIDLINES C & G. PULL BACK EXISTING NETWORK WIRING, REMOVE PULL BOXES AND EXTEND (2) 2" CONDUIT INTO ATTIC SPACE FOR NEW AND RE-ROUTED NETWORK WIRING. PULL WIRING INTO ACCESSIBLE CEILING SPACE FOR RE-TERMINATION BY U OF O NETWORK SERVICES.
- ③ PROVIDE NEW 2" CONDUIT STUBBED INTO TELCOM CLOSET AT 1ST FLOOR. PROVIDE PATHWAY FROM JUNCTION BOX TO ATTIC.
- ④ REUSE (3) EXISTING CIRCUITS CURRENTLY SERVING LIGHTING AND RECEPTACLES IN ROOMS 254 AND 256 FOR NEW RECEPTACLES.
- ⑤ CONNECT TO EXISTING ROOM RECEPTACLE CIRCUIT ORIGINATING IN PANEL 4-2B.
- ⑥ MEASURE CURRENT OR EXISTING LIGHTING CIRCUITS AND CONSOLIDATE CIRCUITS AS REQUIRED TO CREATE NEW SPARE BREAKERS. RUN DEDICATED CIRCUIT TO NEW CONFERENCE ROOM COUNTER OUTLET.
- ⑦ EXISTING DATA FACEPLATES TO REMAIN. DISCONNECT EXISTING NETWORK WIRING AND REROUTE IN NEW SUSPENDED CEILING SPACE. RE-PULL WIRING TO FACEPLATE.
- ⑧ NEW 1 1/4" CONDUIT FOR HVAC UNIT FROM 480 VOLT DISTRIBUTION PANEL.
- ⑨ WIRELESS ACCESS POINT ATTACHED TO CEILING BY OWNER.
- ⑩ PROVIDE DUPLEX OUTLET AND DATA FACEPLATE JUNCTION BOX AT FLATSREEN TV LOCATION. VERIFY HEIGHT WITH OWNER. STUB WIREMOULD 2100 TO CEILING SPACE OF ROOM 251 OR ATTIC SPACE FROM DATA JUNCTION BOX.
- ⑪ RUN WIREMOULD WHERE EXPOSED IN OFFICE INTO ATTIC SPACE.
- ⑫ PROVIDE 120 VOLT CIRCUIT TO RECEPTACLE PROVIDED WITH HVAC UNIT.
- ⑬ RUN POWER & DATA IN WIREMOULD ALONG BASE OF ADMIN. SOUTH WALL - FEED FROM FRAMED SIDE WALLS

NORTH WING: POWER / DATA PLAN



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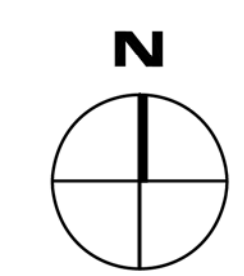
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I 1/4" = 1'-0" REFLECTED CEILING / LIGHTING PLAN

LIGHT FIXTURE SCHEDULE

FIXTURE	MANUFACTURER (OR APPROVED EQUAL)	DESCRIPTION	LAMP TYPE AND NUMBER	VOLTAGE	REMARKS
A	PEERLESS BRUNO SERIES	4' PENDANT MOUNTED DIRECT / INDIRECT LINEAR LED	4500 LUMEN LED	120	PENDANT MOUNTED TO +10' TO BOTTOM. PROVIDE DAYLIGHT DIMMING CONTROL WITH LOCAL DIMMING CONTROL
A-2	PEERLESS BRUNO SERIES	8' PENDANT MOUNTED DIRECT / INDIRECT LINEAR LED	4500 LUMEN LED	120	PENDANT MOUNTED TO +8'-6" TO BOTTOM. PROVIDE COMPATIBLE DIMMING SWITCH
A-3	EXISTING BEING RELOCATED WHERE NOTED	4' PENDANT FLUORESCENT WRAPAROUND FIXTURE	(2) F32 T8	120	PROVIDE SWITCHING AS INDICATED ON DRAWINGS
B	LITHONIA AVANTE SERIES	PENDANT MOUNTED DROP BASKET FLUORESCENT	(2) F32 T8	120	COMBINE WITH RELOCATED 8' FIXTURE TO PROVIDE 12' ASSEMBLY
B-2	RELOCATED 8' LITHONIA AVANTE SERIES F	PENDANT MOUNTED DROP BASKET FLUORESCENT	(4) F32 T8	120	COMBINE WITH NEW 4' FIXTURE TYPE B TO PROVIDE 12' ASSEMBLY
C	PRIMA-65-SV-STD-9013-F-PC-SV-W	CABLE MOUNTED LED CYLINDER WITH REMOTE DRIVER AND MONOPOINT CANOPY	4.5 WATT LED, 3000K	120	CABLE MOUNTED ABOVE RECEPTION DESK
D	GOTHAM EVO-35/10/4AR/WD/120	4" LED DOWNLIGHT	21 WATT, 1000 LUMEN LED	120	CONTROL WITH COMPATIBLE 0-10 VDC DIMMER SWITCH
D-2	GOTHAM EVO-35/18/6AR/MD/120	6" LED DOWNLIGHT	29 WATT, 1800 LUMEN LED	120	CONTROL WITH COMPATIBLE 0-10 VDC DIMMER SWITCH
E		EXISTING EXIT SIGN	LED	120	
G	LITHONIA RAYZER RAZ-18	18" LINEAR DIRECT LED DOWNLIGHT	LED	120	MOUNTED TO UNDERSIDE OF CABINETS
H	EUREKA MODEL 4800-72-LED.87.40-120-RDP-AC-60-RC-WHM-WHM-3918C	PENDANT MOUNTED 72" DIAMETER LIGHT FORM	87 WATT LINEAR LED	120	CONTROL WITH COMPATIBLE 0-10 VDC DIMMER SWITCH

NOTES - LIGHTING PLAN

- ① RELOCATE EXISTING 8' FIXTURE FROM ROOM 230 AND ADD 4' SECTION
- ② REUSE EXISTING FIXTURE STEM AND INSTALL RELOCATED LIGHT FIXTURE FROM ROOM 230
- ③ REPLACE SWITCH W/ OCCUPANCY SENSOR
- ④ LED DOWNLIGHT FIXTURE CONNECTED TO 924 RELAY.
- ⑤ PULL NEW EMERGENCY LIGHTING CIRCUIT FOR NEW 924 RELAYS IN ROOMS 231, 222, AND 230 AND RECONNECT EXISTING EXIT SIGNS AND EMERGENCY LIGHTS.
- ⑥ EXTEND EXIT SIGN CIRCUIT FROM EXISTING EXIT SIGN TO NEW POWER LOSS RELAYS IN ROOMS 222 AND 230. RUN IN NEW AND EXISTING WIREMOLD.
- ⑦ NEW PENDANT FIXTURE WITH 0-10 V DC DIMMING
- ⑧ TWO ZONE DAYLIGHT SENSOR HIGH ON WALL CONTROLLING WINDOW SIDE FIXTURES SEPARATELY FROM REMAINING ROOM FIXTURES.
- ⑨ 5-GANG, 0-10 VOLT DIMMING SWITCH STATION
- ⑩ TWO ZONE DAYLIGHT SENSOR CONTROLLING D2 AND G FIXTURES SEPARATELY
- ⑪ CONNECT ROOM 254 AND 256 LIGHT FIXTURES TO LOCAL AREA LIGHTING CIRCUIT

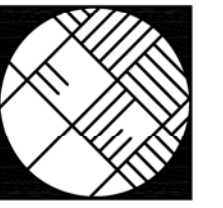
(NL) = NEW LOCATION



**NORTH WING:
 LIGHTING
 PLAN; LIGHTING
 SCHEDULE**

E112

OF



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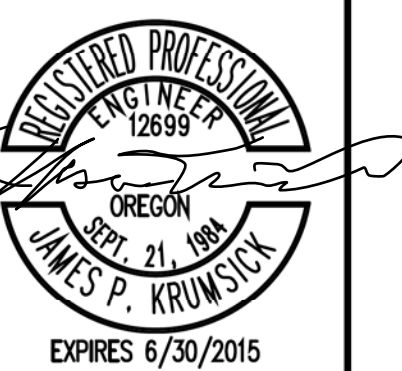
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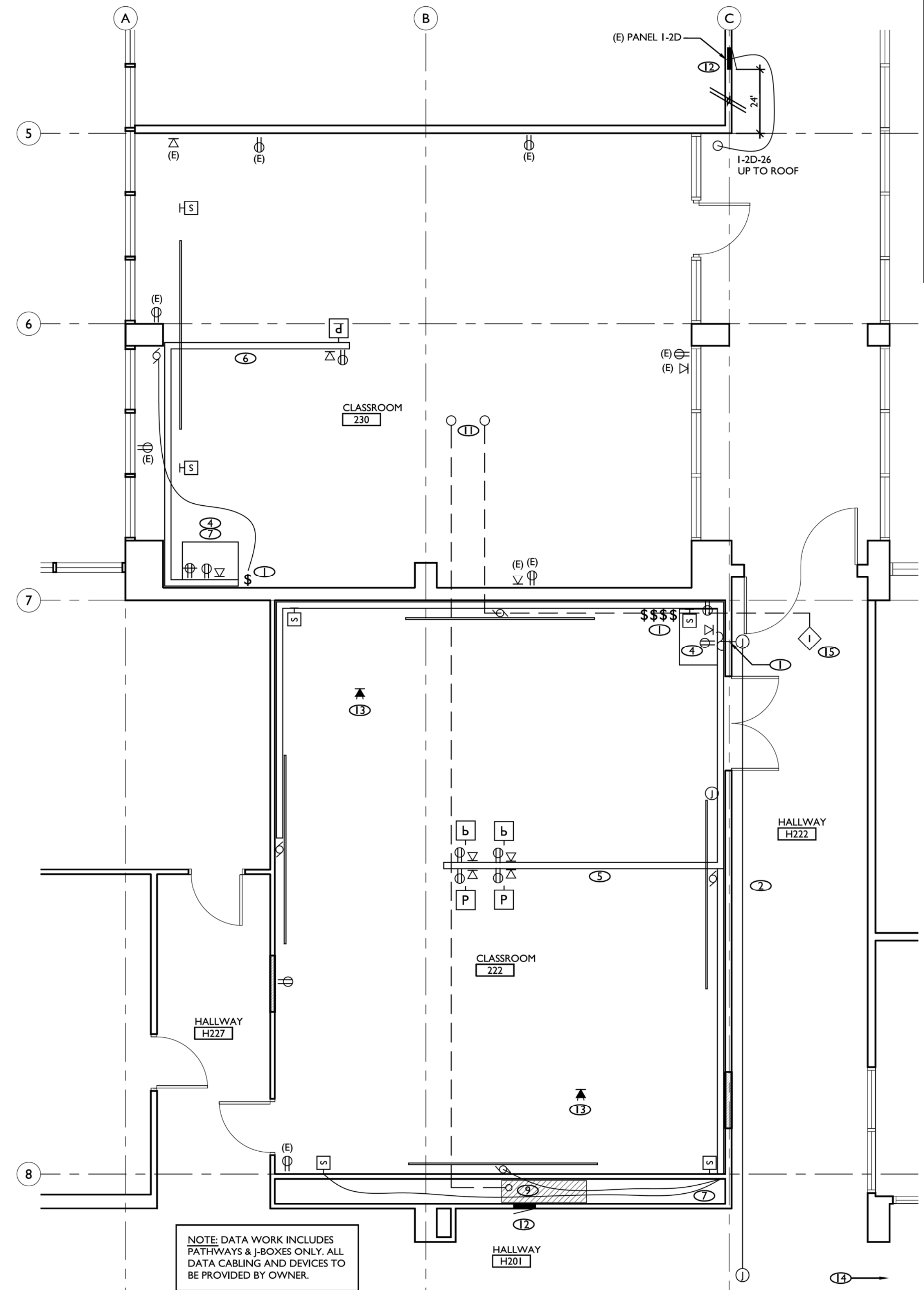
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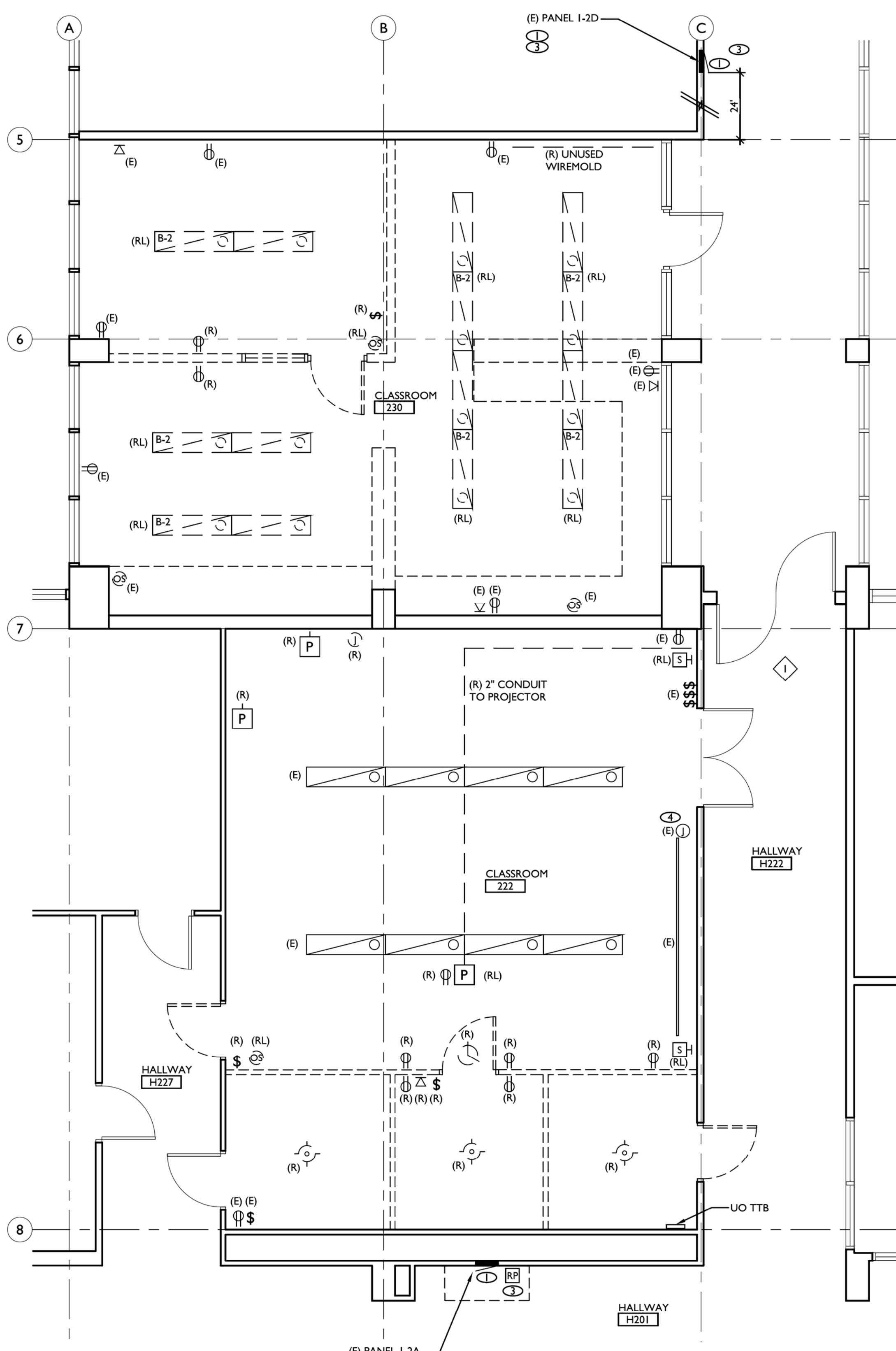
WEST WING:
ELEC. DEMO.
PLAN; POWER /
DATA PLAN

E120

OF



2 1/4" = 1'-0" POWER / DATA PLAN



1 1/4" = 1'-0" ELECTRICAL DEMOLITION PLAN

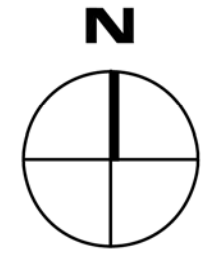
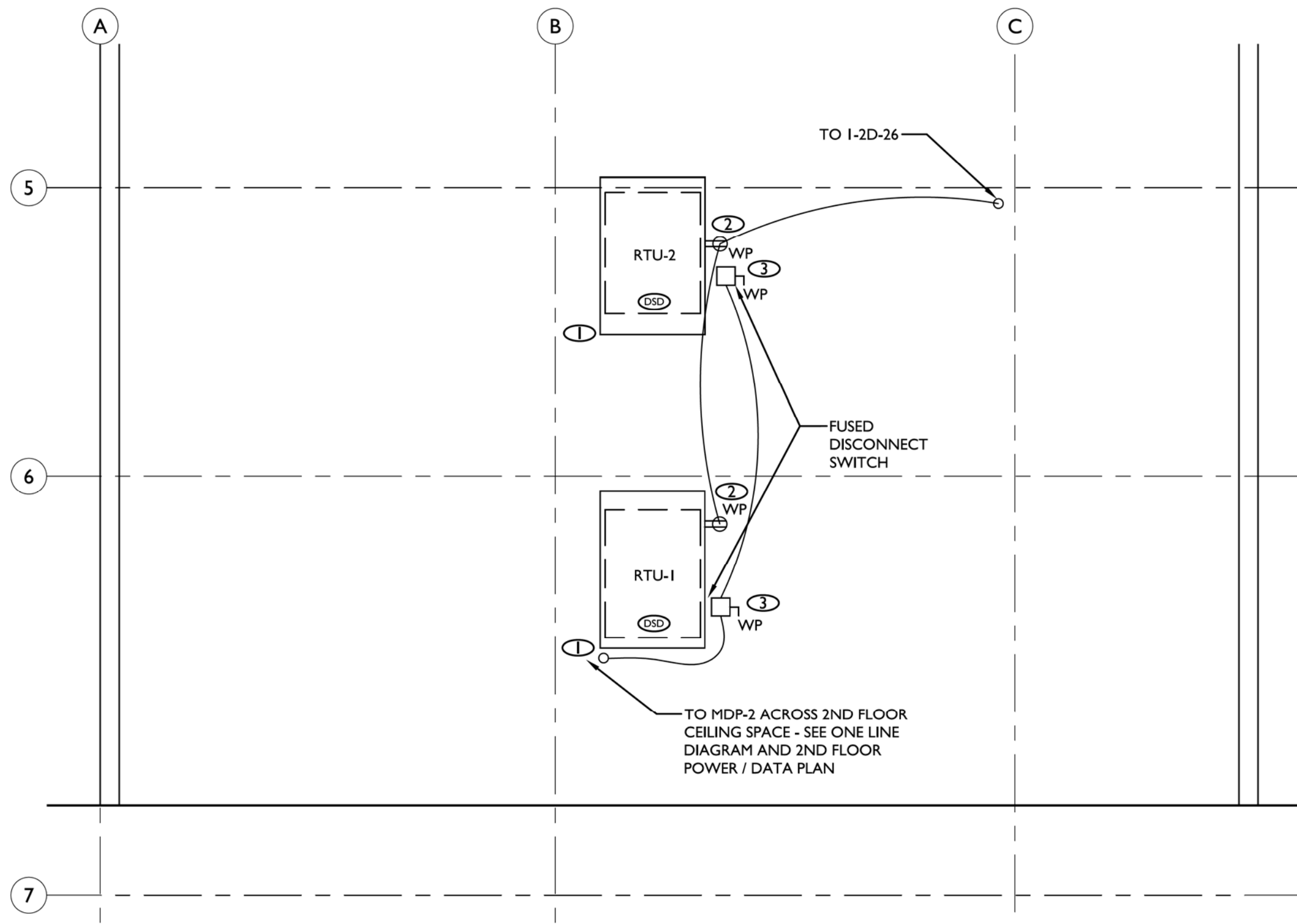
DEMOLITION KEY NOTES

- ⊖ REPLACE ELECTRICAL PANEL AT EXISTING LOCATION & REUSE EXISTING CABINET
- ⊖ EXISTING 2" CONDUIT AND PULLBOX FOR NETWORK WIRING
- ⊖ REMOVE EXISTING RELAY PANEL AND ASSOCIATED SURFACE RACEWAY. RECONNECT EXISTING OCCUPANCY SENSOR IN NORTH-SOUTH CORRIDOR.
- ⊖ DISCONNECT EXISTING PROJECTOR SCREEN MOTOR AND REMOVE SURFACE RACEWAY FEEDING CIRCUIT

ABBREVIATIONS
(E) = FIXTURE/RECEPTACLE/JACK TO REMAIN
(R) = REMOVE
(RL) = RELOCATE

NOTES - POWER / DATA PLAN

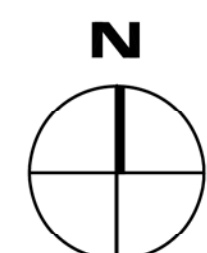
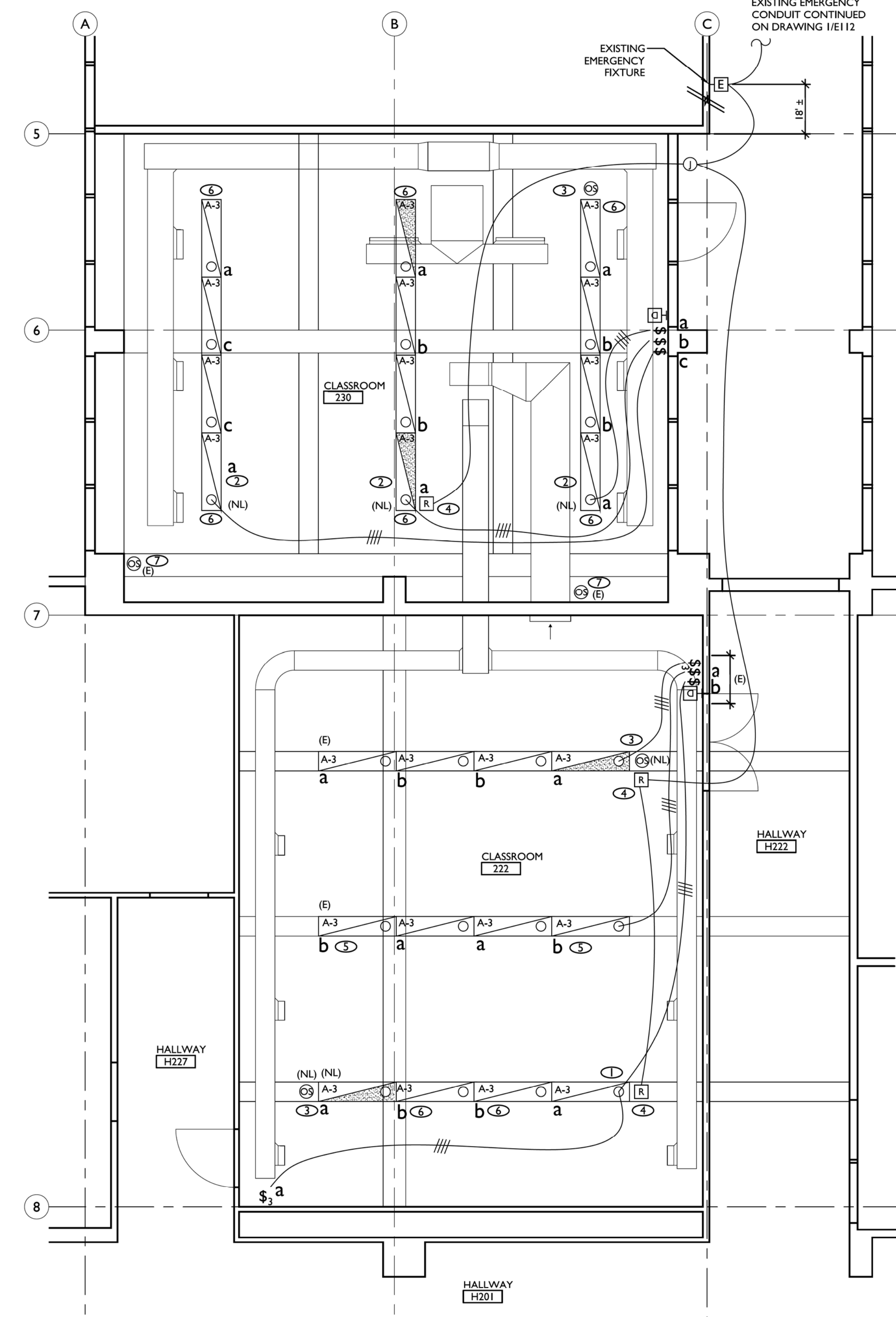
- Ⓚ PROVIDE 3 POSITION UP/DOWN SWITCH FOR EACH MOTORIZED SCREEN
 - Ⓛ EXISTING 2" NETWORK WIRING CONDUIT
 - Ⓜ RUN 2" CONDUIT INTO WIREMOLD 4000 RACEWAY FROM EXISTING NETWORK PULL BOX
 - Ⓝ PODIUM LOCATION
 - Ⓞ RUN WIREMOLD 4000 RACEWAY HIGH ON WALL BELOW BEAM. TRANSITION DOWN WALL IN NORTHEAST CORNER OF ROOM TO PODIUM LOCATION. PROVIDE (2) NETWORK FACEPLATES AND FOURPLEX OUTLET AT PODIUM.
 - Ⓟ RUN WIREMOLD 4000 RACEWAY ON UNDERSIDE OF EAST-WEST BEAM. TRANSITION DOWN NORTH-SOUTH BEAM TO CORNER OF ROOM TO PODIUM LOCATION. PROVIDE NETWORK FACEPLATE AT FOURPLEX OUTLET AT PODIUM.
 - Ⓠ FISH 3/4" CONDUIT IN CHASE / WALL. CONNECT BETWEEN WIREMOLD 4000 RACEWAY AND NEW SPEAKER JUNCTION BOXES, SCREEN MOTOR WITH WIREMOLD 2100 RACEWAY.
 - Ⓡ FISH CONDUIT IN CHASE / WALL TO MOTORIZED SCREEN OUTLET AND RUN WIRING TO SWITCH LOCATIONS IN WIREMOLD 4000 RACEWAY.
 - Ⓢ APPROXIMATE LOCATION OF MDP-1 AT FLOOR BELOW. FEED NEW ROOFTOP MECHANICAL UNITS FROM THIS PANEL. SEE ONE LINE DIAGRAM.
 - Ⓣ NEW FEEDER TO A/C UNITS. RUN ON SIDE OF BEAM.
 - Ⓤ TRANSITION TO ROOF - SEE ELECTRICAL ROOF PLAN.
 - Ⓥ REPLACE INTERIOR OF EXISTING PANEL - SEE PANEL SCHEDULES.
 - Ⓦ WIRELESS ACCESS POINT ATTACHED TO CEILING BY OWNER.
 - Ⓧ PATHWAY OUTSIDE ROOM 208 TO BE MODIFIED TO ACCOMMODATE CABLES IN 222, 230 - COORD. WITH UO NTS
 - Ⓨ EXTEND FIRE ALARM INITIATION LOOP TO NEW REPORTING MODULE AT EACH OF (2) HVAC UNITS ON ROOF
- (NL) = NEW LOCATION



1 1/4" = 1'-0" ELECTRICAL ROOF PLAN

NOTES - ROOF PLAN

- ① DUCT SMOKE DETECTOR TO BE FURNISHED AND INSTALLED BY DIVISION 23 SUBCONTRACTOR. RUN ADDRESSABLE INITIATING LOOP WIRING FROM NEAREST INITIATING DEVICE TO DUCT DETECTOR LOCATIONS. PROVIDE REPORTING MODULE AT EACH DUCT DETECTOR WHICH MONITORS DRY CONTACT ON DUCT DETECTOR. CONNECT INITIATION LOOP WIRING TO EXISTING SMOKE DETECTOR LOOP AT 2ND FLOOR.
- ② PROVIDE 120 VOLT CIRCUIT TO SERVICE RECEPTACLE PROVIDED WITH HVAC
- ③ FUSE PER HVAC EQUIPMENT MANUFACTURER'S RECOMMENDATION



2 1/4" = 1'-0" REFLECTED CEILING / LIGHTING PLAN

NOTES - LIGHTING PLAN

- ① MOUNT RELOCATED FIXTURES ON UNDERSIDE OF BEAM. MATCH MOUNTING HEIGHT OF EXISTING ROOM FIXTURES. EXTEND EXISTING ROOM LIGHTING CIRCUIT TO NEW FIXTURE ROW.
 - ② STEM MOUNT RELOCATED FIXTURE. EXTEND EXISTING AREA LIGHTING CIRCUIT TO NEW FIXTURES.
 - ③ MOUNT ROOM OCCUPANCY SENSOR AT END OF FIXTURE ROW CONTROLLING ROOM LIGHTING CIRCUIT.
 - ④ PROVIDE 924 TRANSFER RELAY FOR CONTROL OF EMERGENCY LIGHT FIXTURES. CONNECT TO NORMAL ROOM LIGHTING CIRCUIT AND EMERGENCY PANEL EXIT SIGN LIGHTING CIRCUIT.
 - ⑤ REMOVE DIMMING BALLAST FROM 'A' SWITCH LEG FIXTURES AND REINSTALL IN ADJACENT 'B' SWITCH LEG FIXTURE. RELOCATE NON-DIMMING BALLAST FROM 'B' FIXTURE TO 'A' FIXTURE.
 - ⑥ REPLACE EXISTING BALLAST IN RELOCATED FIXTURE WITH 0-10VDC DIMMING BALLAST
 - ⑦ RECONNECT EXISTING ROOM OCCUPANCY SENSORS TO CONTROL AREA LIGHTING
- (NL) = NEW LOCATION

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WEST WING:
 LIGHTING PLAN;
 ROOF ELEC.
 PLAN

E121

OF