

CANGLESKA WAKAN CELEBRATION BARN RENOVATION JOHNSON COUNTY CONSERVATION

4045 245TH ST NE, SOLON, IA

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CERTIFICATIONS

ARCHITECT

<p>HEREBY CERTIFY THAT THE PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF IOWA.</p>	<p>SIGNATURE _____ DATE 02-06-2025</p> <p>PRINTED OR TYPED NAME Natalie Oppedal</p> <p>LICENSE NUMBER 07352</p> <p>MY LICENSE RENEWAL DATE IS JUNE 30, 2025</p> <p>PAGES, SHEETS OR DIVISIONS COVERED BY THIS SEAL G SHEETS, A SHEETS, S SHEETS</p>
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MECHANICAL ENGINEER

<p>HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.</p>	<p>SIGNATURE _____ DATE 02-06-2025</p> <p>PRINTED OR TYPED NAME Jessica L Dooley</p> <p>LICENSE NUMBER P27051</p> <p>MY LICENSE RENEWAL DATE IS DECEMBER 31, 2026</p> <p>PAGES, SHEETS OR DIVISIONS COVERED BY THIS SEAL M SHEETS, P SHEETS, FP SHEETS</p>
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ELECTRICAL ENGINEER

<p>HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.</p>	<p>SIGNATURE _____ DATE 02-06-2025</p> <p>PRINTED OR TYPED NAME Matthew K. Gordon</p> <p>LICENSE NUMBER 19216</p> <p>MY LICENSE RENEWAL DATE IS DECEMBER 31, 2026</p> <p>PAGES, SHEETS OR DIVISIONS COVERED BY THIS SEAL E SHEETS</p>
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JOHNSON COUNTY CONSERVATION

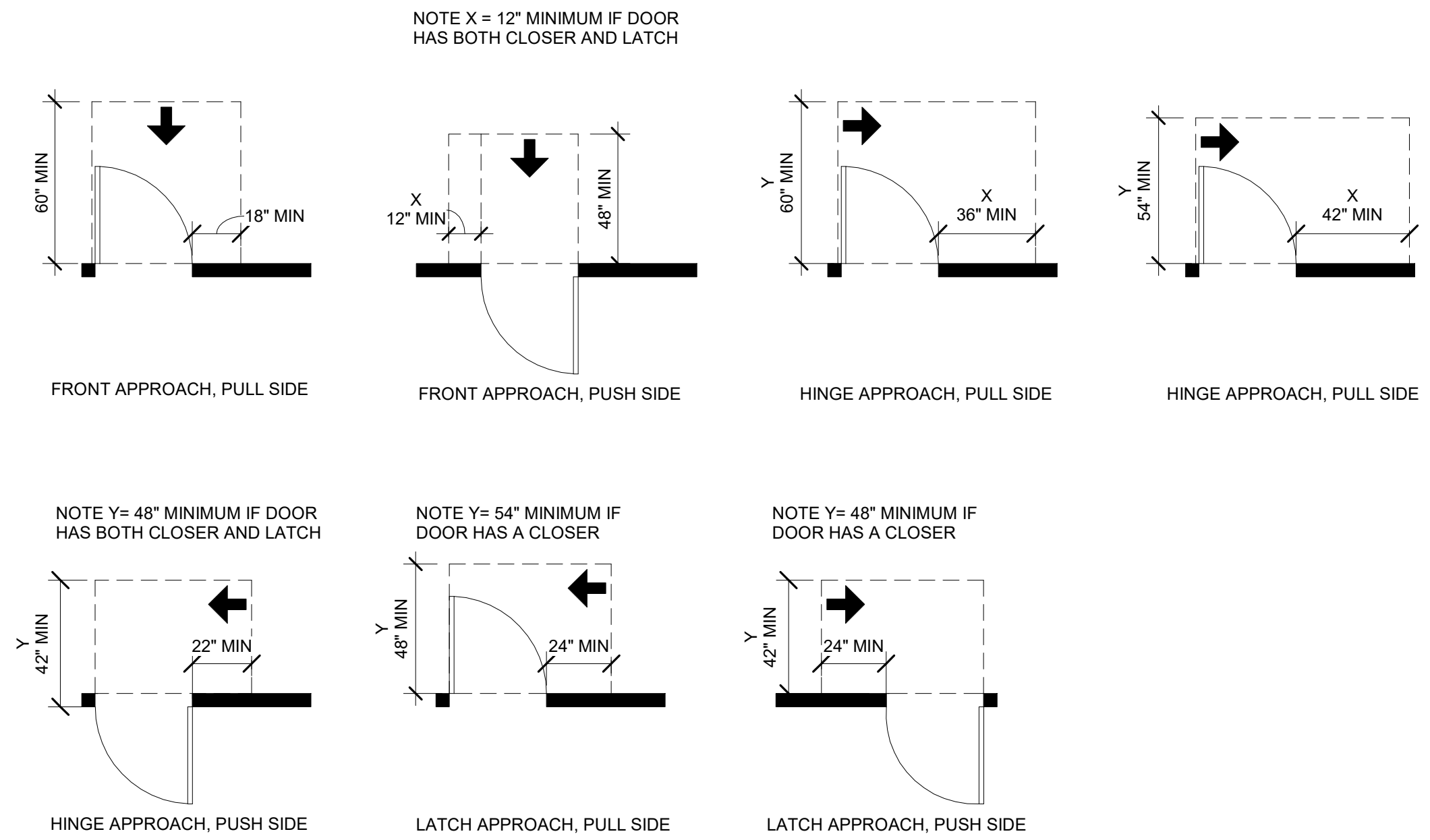
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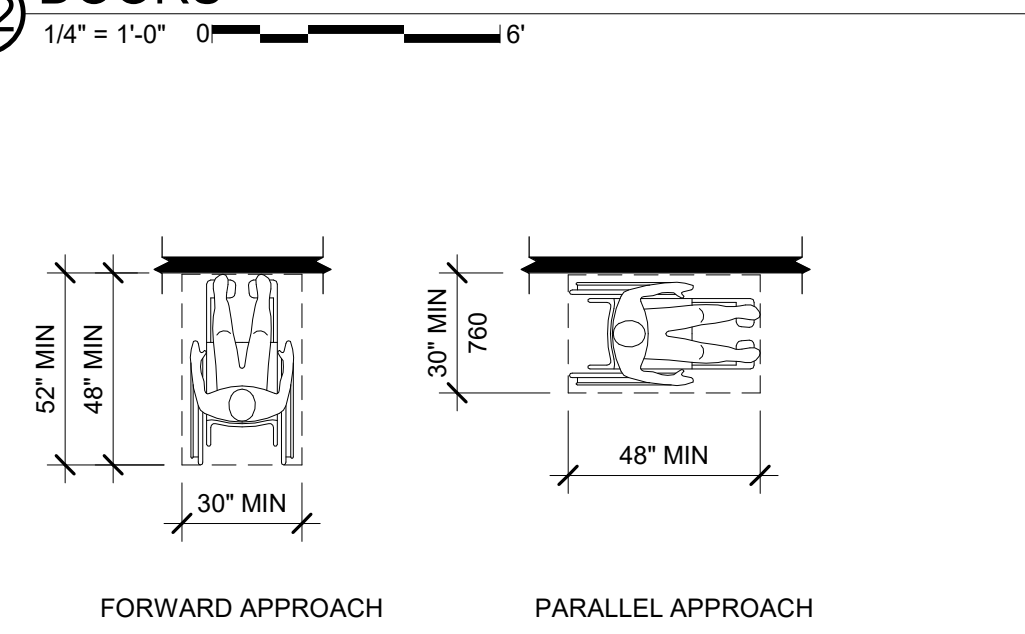
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ISSUED FOR	CONSTRUCTION
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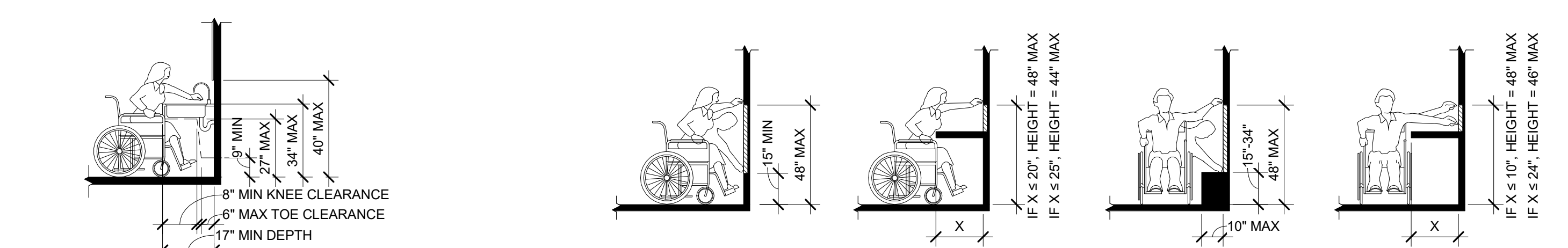
A B C D E F G H



A1
STANDARD ACCESSIBLE DOOR CLEARANCES - SWING DOORS
1/4" = 1'-0" 0 6'

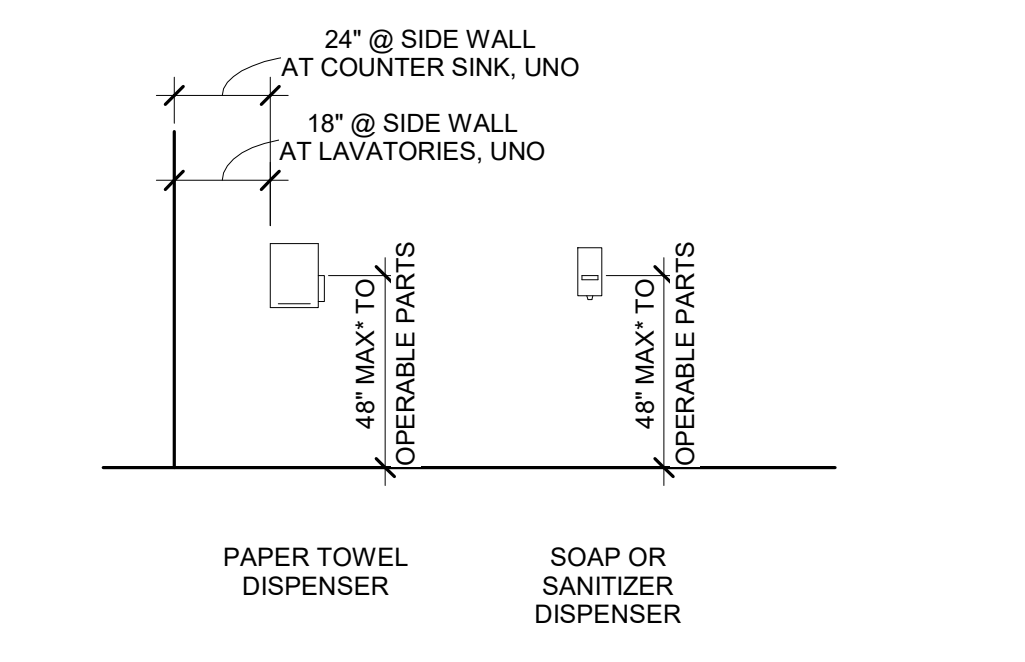


A2
CLEAR FLOOR SPACE
1/4" = 1'-0" 0 6'

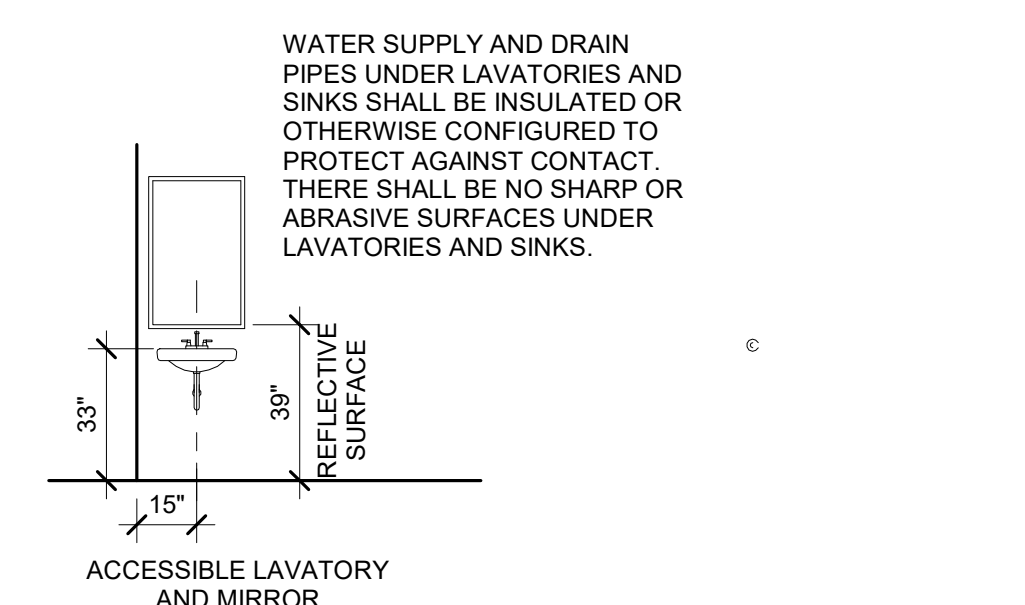


A4
KNEE AND TOE CLEARANCE
1/4" = 1'-0" 0 6'

B4
REACH LIMITS
1/4" = 1'-0" 0 6'

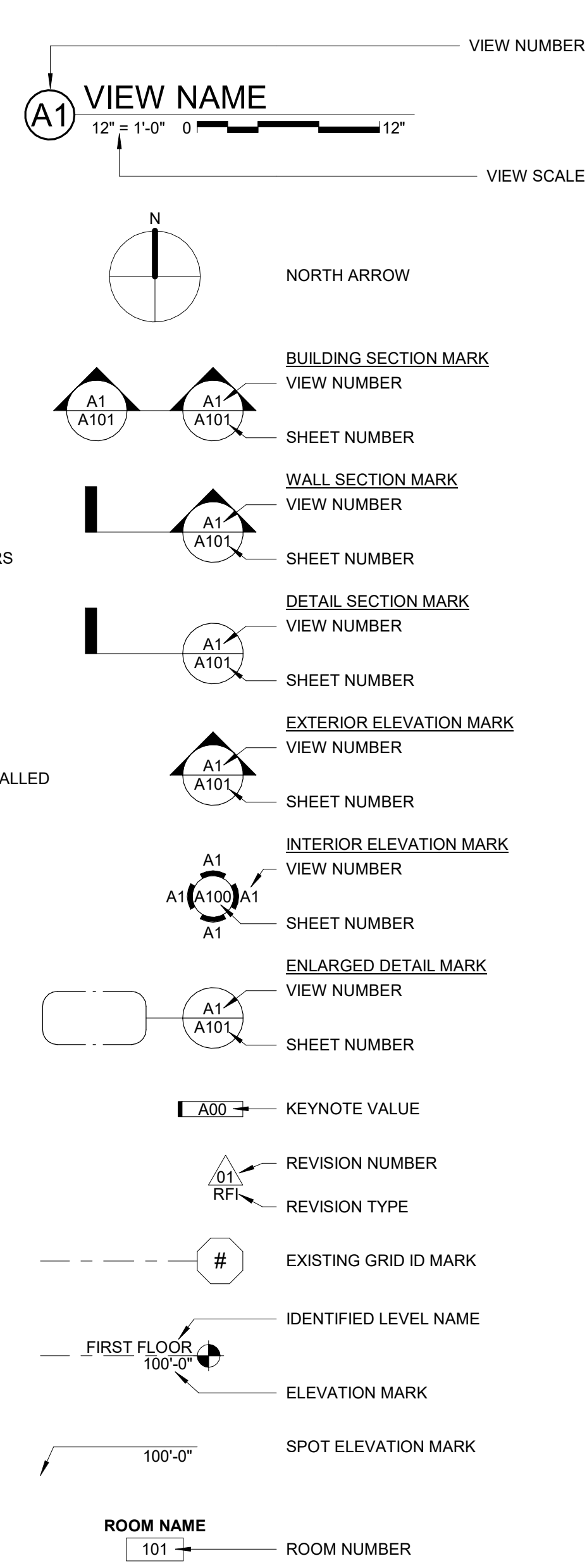


A5
ACCESSIBLE RESTROOM ACCESSORY MOUNTING REQUIREMENTS
1/4" = 1'-0" 0 6'



A6
ACCESSIBLE RESTROOM FIXTURE MOUNTING HEIGHTS
1/4" = 1'-0" 0 6'

SYMBOLS		ABBREVIATIONS		GENERAL SYMBOLS LEGEND	
&	AND	KO	KNOCKOUT		
#	NUMBER OR POUND	LAV	LAVATORY		
A/E	ARCHITECT / ENGINEER	LF	LINEAR FOOT		
ACP	ACOUSTICAL CEILING PANEL	LH	LEFT HAND		
ADA	AMERICANS WITH DISABILITIES ACT	LHR	LEFT HAND REVERSE		
ADAAG	AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES	LLV	LONG LEG VERTICAL		
ADD	ADDENDUM	LVL	LAMINATED VENEER LUMBER		
ADJ	ADJUSTABLE or ADJACENT	LVT	LUXURY VINYL TILE		
ADMIN	ADMINISTRATION	M	MATERIAL		
AFF	ABOVE FINISHED FLOOR	MAINT	MAINTENANCE		
AHJ	AUTHORITY HAVING JURISDICTION	MATL	MATERIAL		
AHU	AIR HANDLING UNIT	MAX	MAXIMUM		
AL or ALLUM	ALUMINUM	MECH	MECHANICAL		
ALT	ALTERNATE	MEZZ	MEZZANINE		
AP	ACCESS PANEL	MFRG	MANUFACTURING		
APA	AMERICAN PLYWOOD ASSOCIATION	MFR	MANUFACTURER		
APPROX	APPROXIMATE (1)	MIC	MICROPHONE		
AUTO	AMERICAN SOCIETY FOR TESTING & MATERIALS	MIN	MINIMUM or MINUTE		
AVE	AUTOMATIC (DOOR OPERATOR)	MISC	MISCELLANEOUS		
AVG	AVERAGE	MO	MASONRY OPENING		
		MTD	MOUNTED		
		MTL	METAL		
		N	NOT APPLICABLE		
		N/A	NOT APPLICABLE		
		NEC	NATIONAL ELECTRICAL CODE		
		NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION		
		NIC	NOT IN CONTRACT		
		NDM	NOMINAL		
		NR	NOISE REDUCTION COEFFICIENT		
		NRCA	NATIONAL ROOFING CONTRACTORS ASSOCIATION		
		NTS	NOT TO SCALE		
		O	OVERHEAD DOOR		
		OC	ON CENTER		
		OD	OUTSIDE DIAMETER		
		OFCI	OWNER FURNISHED CONTRACTOR INSTALLED		
		OFOI	OWNER FURNISHED OWNER INSTALLED		
		OPP	OPPOSITE		
		OHD	OVERHEAD DOOR		
		P	PAINT		
		PERP	PERPENDICULAR		
		PKWY	PARKWAY		
		PL	PLATE or PLASTIC LAMINATE		
		PLAM	PLASTIC LAMINATE		
		PLWD	PLYWOOD		
		PR	PREPARED (ACTION)		
		PREFAB	PREFABRICATED		
		PREFIN	PREFINISHED		
		PREP	PREPARE (ACTION)		
		PSF	POUNDS PER SQUARE FOOT		
		PSI	POUNDS PER SQUARE INCH		
		R	RAD or RADIUS		
		RCI	ROOF CONSULTANTS INSTITUTE		
		RCP	REFLECTED CEILING PLAN		
		RD	ROOF DRAIN		
		REIN	REINFORCE (D) (ING) (MENT)		
		REQD	REQUIRED		
		RESIL	RESILIENT		
		RF	RADIO FREQUENCY		
		RH	RIGHT HAND		
		RHR	RIGHT HAND REVERSE		
		RM	ROOM		
		RO	ROUGH OPENING		
		VTR	VENT THROUGH ROOF		
		S	SANITARY		
		SAN	SANITARY		
		SCHED	SCHEDULE		
		SECT	SECTION		
		SF	SQUARE FOOT		
		SHT	SHEET REFERRING TO PAGES		
		SIM	SIMILAR		
		SH	SHIVE-HATTERY		
		SOG	SLAB ON GRADE (SPECIFICATIONS)		
		SQ	SQUARE		
		SQ IN	SQUARE INCH		
		SS	SOLID SURFACE or STAINLESS STEEL		
		ST	STREET or STONE		
		STAG	STAGGERED		
		STC	SOUND TRANSMISSION CLASS		
		STD	STANDARD		
		STL	STEEL		
		STRUC	STRUCTURE (AL)		
		SYM	SYMMETRICAL		
		T	TOP OF		
		T&G	TONGUE AND GROOVE		
		TAN	TANGENT		
		TBD	TO BE DETERMINED		
		TEL	TELEPHONE		
		TEMP	TEMPORARY		
		THRU	THROUGH		
		TV	TELEVISION		
		TYP	TYPICAL		
		U	UNDERWRITERS LABORATORIES UNLESS NOTED OTHERWISE		
		UL	UNDERWRITERS LABORATORIES UNLESS NOTED OTHERWISE		
		UNO	UNLESS NOTED OTHERWISE		
		V	VINYL		
		VB	VINYL BASE		
		VCT	VINYL COMPOSITION TILE		
		VERT	VERTICAL		
		VF	VERIFY IN FIELD		
		VT	VINYL TILE		
		VTR	VENT THROUGH ROOF		
		VWC	VINYL WALL COVERING		
		W	WIDTH		
		W	WIDTH		
		WO	WITHOUT		
		WC	WATER CLOSET or WALL COVERING		
		WT	WALL TILE or WEIGHT		
		WTR	WATER		



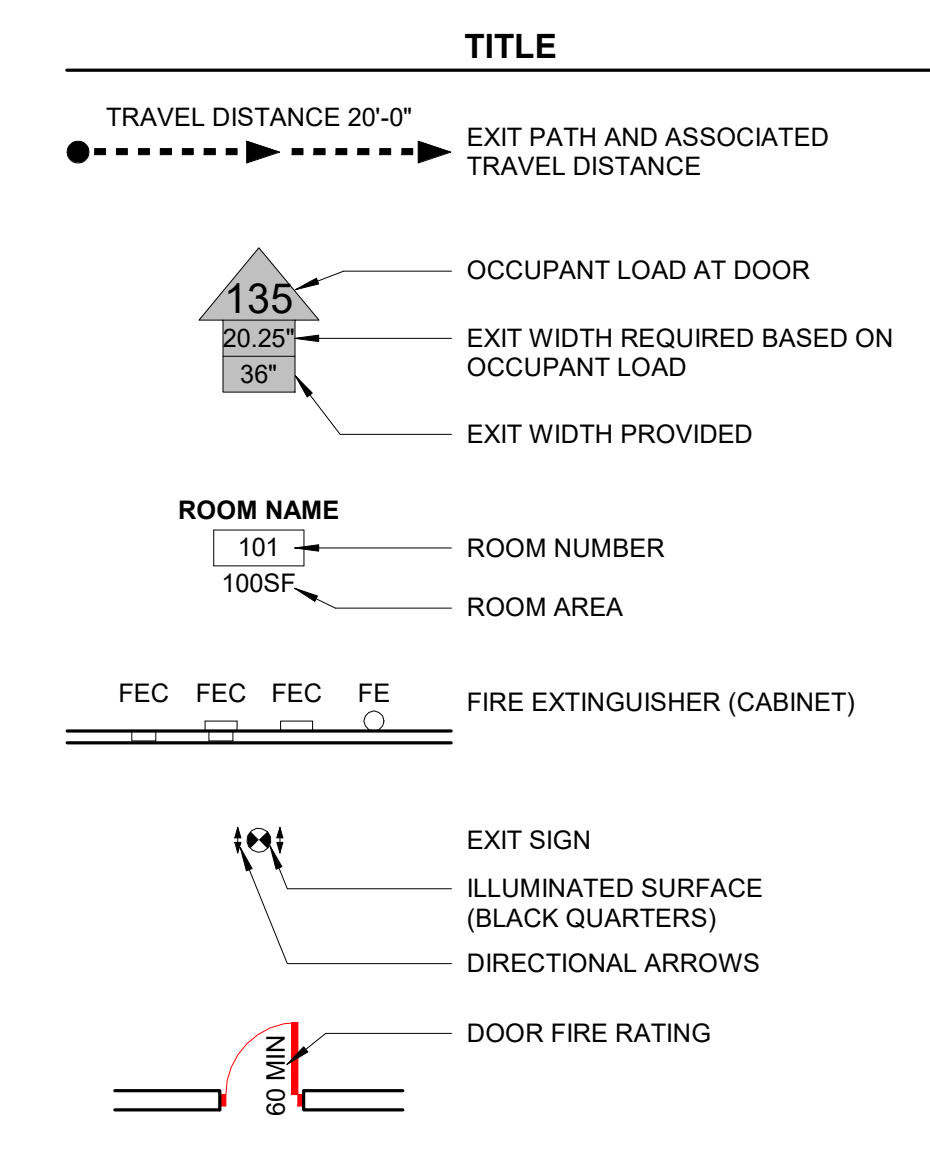
- PROJECT GENERAL INFORMATION**
- COLOR HAS BEEN USED ON THESE DRAWINGS TO ENHANCE UNDERSTANDING. PRINTING IN COLOR IS RECOMMENDED TO ENSURE CLARITY.
 - ANY DAMAGE TO AREAS INSIDE OR OUTSIDE OF THE PROJECT AREA SHALL BE REPAIRED TO THE STATUS PRIOR TO CONSTRUCTION AT NO COST TO OWNER.
 - THE GENERAL CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR ALL CUTTING, SUPPORTING, AND PATCHING IF NOT COVERED BY A SPECIFIC TRADE.
 - STRUCTURAL STEEL MEMBERS AND DECKING PROFILES, AS INDICATED ON ARCHITECTURAL DETAILS, ARE DIAGRAMMATIC AND MAY VARY FROM ACTUAL PROFILES AND SIZES SPECIFIED IN THE STRUCTURAL DRAWINGS. IN ALL CASES STRUCTURAL DRAWINGS SHALL GOVERN. FIELD VERIFY EXISTING PROFILE DIMENSIONS WHEN REQUIRED TO MATCH OR REPLACE EXISTING. NOTE CHANGES REQUIRED TO ARCHITECTURAL DETAILS IN SHOP DRAWINGS.
 - PROVIDE FOR PROTECTION OF ANY ROOF SURFACES USED DURING CONSTRUCTION. PROTECTION IS REQUIRED OVER FULL EXTENT OF THE WORK AREAS. MINIMUM PROTECTION CONSISTS OF 1/2" PLYWOOD OVER 1" EPS INSULATION.
 - EACH TRADE SHALL PROVIDE TESTED FIRESTOPPING ASSEMBLIES FOR PENETRATIONS OF THEIR WORK THROUGH FIRE-RATED WALLS AND FLOOR/CEILING ASSEMBLIES. FIRESTOPPING ASSEMBLIES ARE TO BE OF DESIGNS THAT PROVIDE THE SCHEDULED FIRE RATINGS WHEN TESTED IN ACCORDANCE WITH ASTM E 119, ASTM E 814, OR UL 1479, AND ARE TO BE INSTALLED BY INDIVIDUALS TRAINED AND EXPERIENCED WITH INSTALLATION OF SUCH ASSEMBLIES. PROVIDE SUBMITTALS TO LOCAL AUTHORITIES AS REQUESTED.
 - IF COMPLIANCE WITH TWO OR MORE STANDARDS IS SPECIFIED AND THE STANDARDS ESTABLISH DIFFERENT OR CONFLICTING REQUIREMENTS FOR MINIMUM QUANTITIES OR QUALITY LEVELS, COMPLY WITH THE MOST STRINGENT REQUIREMENT. REFER UNCERTAINTIES AND REQUIREMENTS THAT ARE DIFFERENT, BUT APPARENTLY EQUAL, TO ARCHITECT FOR A DECISION BEFORE PROCEEDING.
 - ABATEMENT WORK WILL BE UNDER SEPARATE CONTRACT. OBTAIN AND MAINTAIN ON SITE A COMPLETE SET OF ABATEMENT DOCUMENTS, INCLUDING ADDENDA AND CHANGES AFTER START OF CONSTRUCTION, FOR REFERENCE AND COORDINATION BY ALL TRADES. COORDINATE ALL DEMOLITION AND CONSTRUCTION WORK WITH THE ABATEMENT CONTRACTOR.
 - OBTAIN AND MAINTAIN A COMPLETE SET OF OWNER-PROVIDED EQUIPMENT DOCUMENTS, INCLUDING ADDENDA AND CHANGES AFTER START OF CONSTRUCTION, FOR REFERENCE AND COORDINATION BY ALL TRADES. COORDINATE WITH EQUIPMENT INSTALLER ON INSTALLATION OF ALL EQUIPMENT.
 - THE INDICATION OF TYPE AND LOCATION OF EXISTING CONDITIONS AND MATERIALS IN THE DRAWINGS IS NOT INTENDED AS EXACT DOCUMENTATION OF IN-PLACE CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS BEFORE SUBMISSION OF BIDS. EXISTING CONDITIONS VARYING FROM THOSE SHOWN IN THE DRAWINGS WILL NOT BE JUSTIFICATION FOR ADDITIONAL ALLOWANCE TO THE CONTRACTOR. NOTIFY THE ARCHITECT IMMEDIATELY IF ANY CONDITIONS CONFLICT WITH THE DRAWINGS.
 - PROTECT ALL BUILDING SYSTEMS, NEW AND EXISTING. COVER SUPPLY, RETURN, AND EXHAUST AIR GRILLES, AND PROTECT OTHER SENSITIVE EQUIPMENT FROM ALL ACTIVITIES RELATED TO THIS CONTRACT. REMOVE PROTECTION AT END OF CONSTRUCTION.
 - ALL DISSIMILAR METALS SHALL BE ISOLATED FROM EACH OTHER EVEN IF NOT SPECIFICALLY IDENTIFIED IN THE CONTRACT DOCUMENTS.
 - ALL CODE-REQUIRED LABELS SUCH AS "UL", "FACTORY MUTUAL", OR ANY EQUIPMENT IDENTIFICATION, PERFORMANCE RATING, NAME, OR NOMENCLATURE PLATES SHALL REMAIN READABLE AND NOT PAINTED OR COVERED BY OTHER CONSTRUCTION.
 - STRUCTURAL INFORMATION ON ARCHITECTURAL DRAWINGS IS FOR REFERENCE ONLY. STRUCTURAL INFORMATION ON STRUCTURAL DRAWINGS AND SPECIFICATIONS SHALL GOVERN.
 - ARCHITECTURAL DIMENSIONS AND DESIGN INTENT ARE INDICATED ON ARCHITECTURAL DRAWINGS. IF THE INSTALLATION OF EQUIPMENT FROM OTHER TRADES INTERFERES WITH COMPLIANCE OF THE DESIGN INTENT, NOTIFY THE ARCHITECT BEFORE PROCEEDING.
 - DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN LOCATION OF BUILDING ELEMENTS. IF DIMENSIONS ARE NOT AVAILABLE, CONTACT THE ARCHITECT.
 - WHEN DIMENSIONS ON SMALL SCALE DRAWINGS CONFLICT WITH THOSE ON LARGE SCALE DRAWINGS, THE LARGE SCALE DRAWINGS GOVERN.

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APPROVED BY	MAO
ISSUED FOR	CONSTRUCTION
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OCCUPANT LOAD SCHEDULE					
NUMBER	NAME	AREA	OCCUPANT LOAD FACTOR	NO. OF OCCUPANTS	NO. OF EXITS
100	EVENT HALL	6,093 SF	7 NET	250**	
101	OFFICE	124 SF	150 GROSS	1	
102	STORAGE	71 SF	300 GROSS	1	
103	CATERING PREP	498 SF	200 GROSS	3	
103.1	MECH	86 SF	300 GROSS	1	
104	OFFICE	131 SF	150 GROSS	1	
107	BRIDE'S ROOM	130 SF	50 GROSS	3	

**OWNER HAS MAX OCCUPANCY FOR EVENT HALL OF 250 OCCUPANTS. CODE CALCULATED OCCUPANCY IS 899 OCCUPANTS. EXITING ARROWS SHOWING EXITING NUMBERS FOR CODE CALCULATED NUMBER.

- NOTES**
- FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING IN THE CONCEALED SPACE. SUCH IDENTIFICATION SHALL BE LOCATED WITHIN 15' OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30' MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION AND INCLUDE LETTERING NOT LESS THAN 3" TALL AND A MINIMUM 3/8-INCH STROKE IN A CONTRASTING COLOR. STATING: "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS".
 - LIFE SAFETY PLAN SHEET SHALL BE PRINTED IN COLOR.



CODE REVIEW SUMMARY

OCCUPANCY CLASSIFICATION: GROUP A-2 (303.3)

CONSTRUCTION CLASSIFICATION: VB FULLY SPRINKLERED

ALLOWABLE BUILDING HEIGHT: NOT IMPACTED BY PROJECT

ALLOWABLE BUILDING AREA: NOT IMPACTED BY PROJECT

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (TABLE 601)

ELEMENT (TABLE 601)	HOURS
PRIMARY STRUCTURAL FRAME:	0
INTERIOR BEARING WALLS:	0
INTERIOR NON BEARING WALLS:	0
FLOOR CONSTRUCTION:	0
ROOF CONSTRUCTION:	0

EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE (TABLE 705.5)

FIRE SEPARATION DISTANCE X ≥ 30: 0

EXTERIOR WALLS

- UNLIMITED WALL OPENING AREA PERMITTED (705.5.1; EXCEPTIONS 1 AND 2)
- VERTICAL SEPARATION OF OPENINGS NOT REQUIRED; (705.5.5; EXCEPTIONS 1 AND 2)
- PARAPETS NOT REQUIRED (705.11; EXCEPTION 1)

FIRE PARTITIONS

CORRIDOR WALLS: SPRINKLERED NO RATING (TABLE 1020.2)

FIRE PROTECTION SYSTEMS

MAXIMUM TRAVEL DISTANCE TO PORTABLE FIRE EXTINGUISHERS (906.3(1))

-75 FEET (TYPICAL)

MEANS OF EGRESS (SEE G100 FOR OCCUPANT LOAD FACTORS, OCCUPANTS AND REQUIRED EXITS)

OCCUPANT LOAD (TABLE 1004.5 AND PLANS)	MEANS OF EGRESS
ACCESSORY STORAGE AREAS:	300 GROSS
MECHANICAL EQUIPMENT ROOMS:	300 GROSS
ASSEMBLY, CONCENTRATED:	7 NET
BUSINESS, CONCENTRATED:	50 GROSS

NUMBER OF EXITS

SPACES WITH ONE EXIT (TABLE 1006.2.1)	OCCUPANCY	MAX OCC LOAD	TRAVEL DISTANCE
A	49 OCC		75 FT

OCCUPANT LOAD REQUIREMENTS (1006.2.1.1)

OCCUPANT LOAD > LIMITS NOTED ABOVE ≤ 500: TWO EXISTS REQUIRED

OCCUPANT LOAD OF 501 TO 1000: THREE EXISTS REQUIRED

OCCUPANT LOAD > 1000: FOUR EXISTS REQUIRED

OCCUPANT LOAD PER STORY (TABLE 1006.3.3):

1-500: TWO EXISTS REQUIRED

501-1000: THREE EXISTS REQUIRED

OVER 1000: FOUR EXISTS REQUIRED

EXIT CONFIGURATION

DISTANCE BETWEEN REQUIRED EXITS: 1/3 MAXIMUM OVERALL DIAGONAL DIMENSION OF AREA SERVED (1007.1.1; EXCEPTION 2)

ACCESSIBLE MEANS OF EGRESS

-TWO ACCESSIBLE MEANS OF EGRESS REQUIRED (1009.1)

DOORS

- 32 INCHES OF CLEAR WIDTH REQUIRED BETWEEN FACE OF DOOR AND STOP WITH DOOR IN 90 DEGREE OPEN POSITION (1010.1)
- DOOR SHALL SWING IN THE DIRECTION OF TRAVEL WHERE ROOM OR AREA SERVES 50 OR MORE PEOPLE (1010.2.1)
- MAXIMUM 3/4" DIFFERENCE IN THRESHOLD HEIGHTS OR FINISH FLOORS. HEIGHT DIFFERENCE GREATER THAN 1/4" MUST BE BEVELED 1 TO 2 (1010.1.6)
- 48 INCHES REQUIRED BETWEEN 2 DOORS IN A SERIES PLUS WIDTH OF DOOR (1010.1.7)
- PANIC/FIRE HARDWARE PERMITTED IN A OCCUPANCY WITH OCCUPANT LOAD OF OVER 50 (1010.2.9)

EXIT SIGNS

- EXITS AND EXIT ACCESS DOORS AND PATH OF EGRESS TRAVEL TO EXITS SHALL BE MARKED INCLUDING DIRECTION OF EGRESS TRAVEL EXCEPT IN ROOMS OR AREAS THAT REQUIRE ONLY ONE EXIT OR EXIT ACCESS (1013.1; EXCEPTION 1)
- EXIT SIGN PLACEMENT SHALL BE WHICHEVER IS LESS OF WITHIN 100 FEET OR THE LISTED VIEWING DISTANCE OF THE SIGN IN AN EXIT ACCESS CORRIDOR (1013.1) RAISED CHARACTER AND BRAILLE EXIT SIGNS ARE REQUIRED ADJACENT TO EXIT STAIRWAYS/RAMP AND THE EXIT DISCHARGE (1013.4)

EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2)

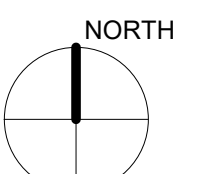
-TRAVEL DISTANCE, SPRINKLERED: 250FT

PLUMBING FIXTURES

NOT IMPACTED BY PROJECT



6A FIRST FLOOR CODE PLAN
1/4" = 1'-0"



DRAWN BY	CJG
APPROVED BY	CJG
ISSUED FOR	CONSTRUCTION
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STRUCTURAL
PLAN, DETAIL
AND NOTES

S100

GENERAL NOTES

- THE GENERAL STRUCTURAL NOTES ARE INTENDED TO SUPPLEMENT THE DRAWINGS AND SPECIFICATIONS. SHOULD CONFLICTS EXIST BETWEEN THESE DRAWINGS AND THE SPECIFICATIONS NOTIFY THE ENGINEER OF ANY SUCH CONFLICTS.
- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ALL PROJECT DRAWINGS AND SPECIFICATIONS. REFER TO ALL DRAWINGS FOR THE COORDINATION OF THE WORK IN THIS PROJECT.
- THE INTENT OF THESE PLANS AND NOTES IS TO PRESENT THE PROJECT REQUIREMENTS. MAJOR DETAILS HAVE BEEN SHOWN ON THE DRAWINGS. HOWEVER, CERTAIN MINOR DETAILS MUST BE WORKED OUT IN THE FIELD OR SHOP DRAWING PROCESS BY THE CONTRACTOR.
- UNLESS NOTED OTHERWISE, DETAILS SHOWN ON DRAWINGS ARE TO BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS.
- THE STRUCTURE IS DESIGNED TO BE STABLE AND SELF-SUPPORTING AFTER THE BUILDING IS FULLY ERECTED AND ALL CONNECTIONS ARE COMPLETED. UNLESS NOTED OTHERWISE, THE DRAWINGS DO NOT INDICATE THE MEANS AND METHODS OF CONSTRUCTION. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ERECTION PROCEDURE AND SEQUENCING TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES THE ADDITION TEMPORARY BRACING, GUYS AND TIE-DOWNS NECESSARY FOR THE ERECTION PROCESS.
- IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW THE APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.
- CONTRACTOR'S CONSTRUCTION AND ERECTION SEQUENCE SHALL CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF THE STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD.
- EXISTING CONDITIONS:
 - THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS RELATING TO EXISTING CONSTRUCTION AND EXISTING SERVICES ON SITE. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS OF EXISTING COLUMNS, WALLS, OPENINGS, ETC. WITH THE ARCHITECTURAL DRAWINGS PRIOR TO PROCEEDING WITH THE WORK. ANY DISCREPANCIES WITH THE CONTRACT DOCUMENTS SHALL BE REPORTED TO THE ARCHITECT AND ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
 - DURING CONSTRUCTION THE CONTRACTOR MAY ENCOUNTER EXISTING CONDITIONS WHICH ARE NOT KNOWN OR ARE AT VARIANCE WITH PROJECT DOCUMENTATION (DISCOVERY). SUCH CONDITIONS MAY INTERFERE WITH THE NEW CONSTRUCTION OR REQUIRE PROTECTION AND/OR SUPPORT OF EXISTING WORK DURING CONSTRUCTION. IT MAY ALSO CONSIST OF DAMAGED OR DETERIORATED STRUCTURAL MATERIALS OR COMPONENTS WHICH COULD JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDING(S). THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ALL DISCOVERIES WHICH MAY INTERFERE WITH THE PROPER EXECUTION OF THE WORK OR JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDING(S) PRIOR TO PROCEEDING WITH THE WORK RELATED TO SUCH DISCOVERIES.
 - DURING THE CONSTRUCTION PROCESS, IT SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE INTEGRITY OF THE EXISTING STRUCTURE AND TO PROTECT IT FROM DAMAGE ANY PORTIONS THAT ARE TO REMAIN.
 - CONTRACTOR SHALL INVESTIGATE THE SITE DURING EARTHWORK OPERATIONS FOR FILL MATERIAL OR BURIED STRUCTURES. IMMEDIATELY, NOTIFY THE ENGINEER IF ANY SUCH MATERIALS OR STRUCTURES ARE DISCOVERED.
- STRUCTURAL COORDINATION
 - MECHANICAL, ELECTRICAL OR PLUMBING LOADS, OPENINGS AND SUPPORT FRAMING ARE SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL OBTAIN APPROVAL OF THE MECHANICAL, ELECTRICAL OR PLUMBING CONTRACTORS NO OPENINGS SHALL PASS THROUGH STRUCTURAL MEMBERS UNLESS SHOWN ON THE DRAWINGS OR APPROVED BY THE ENGINEER.
 - THE CONTRACTOR SHALL VERIFY THE SIZE AND LOCATION OF ALL OPENINGS, HOLES AND SLEEVES THROUGH FOUNDATIONS AND OTHER STRUCTURAL ELEMENTS WITH THE MECHANICAL, ELECTRICAL AND PLUMBING CONTRACTORS. NO OPENINGS SHALL PASS THROUGH STRUCTURAL MEMBERS UNLESS SHOWN ON THE DRAWINGS OR APPROVED BY THE ENGINEER.
- BEFORE SUBMITTING A BID, EACH BIDDER SHALL VISIT THE SITE AND BECOME FULLY ACQUAINTED WITH THE EXISTING CONDITIONS, CONSTRUCTION REQUIREMENTS, RESTRICTIONS, QUANTITIES AND EQUIPMENT NECESSARY TO COMPLETE THE WORK. THE BID SHALL INCLUDE ALL ITEMS REQUIRED TO COMPLETE THE WORK WITHIN THE EXISTING CONDITIONS. DISRUPTION OF THE OWNERS NORMAL ACTIVITIES AROUND THE CONSTRUCTION SITE SHALL BE KEPT TO A MINIMUM.
- CONTRACTOR SHALL COORDINATE WORK SCHEDULES WITH THE OWNER TO ESTABLISH CONSTRUCTION SEQUENCING AROUND ANY OCCUPIED AREAS. CONTRACTOR SHALL NOT PROCEED TO OCCUPIED AREAS UNTIL AUTHORIZED BY THE OWNER.
- ALL ELEMENTS AND SURFACES DAMAGED BY DEMOLITION, BUT NOT SCHEDULED FOR REMOVAL SHALL BE REPAIRED AND FINISHED TO MATCH THE ADJACENT SURFACES AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL REMOVE ALL DEBRIS AND WASTE MATERIALS RESULTING FROM CONSTRUCTION FROM THE SITE, UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL MINIMIZE CREATION OF DUST, DIRT AND WINDBORNE DEBRIS FROM BLOWING ACROSS THE SITE AND ONTO ADJACENT SITES.
- CONTRACTOR SHALL COVER ANY EXTERIOR OPENING WITH TEMPORARY CLOSURES WHEN NOT WORKING ON SITE TO PROTECT THE INTERIOR SPACES FROM WEATHER, INSECTS, RODENTS AND INTRUDERS.

DESIGN INFORMATION

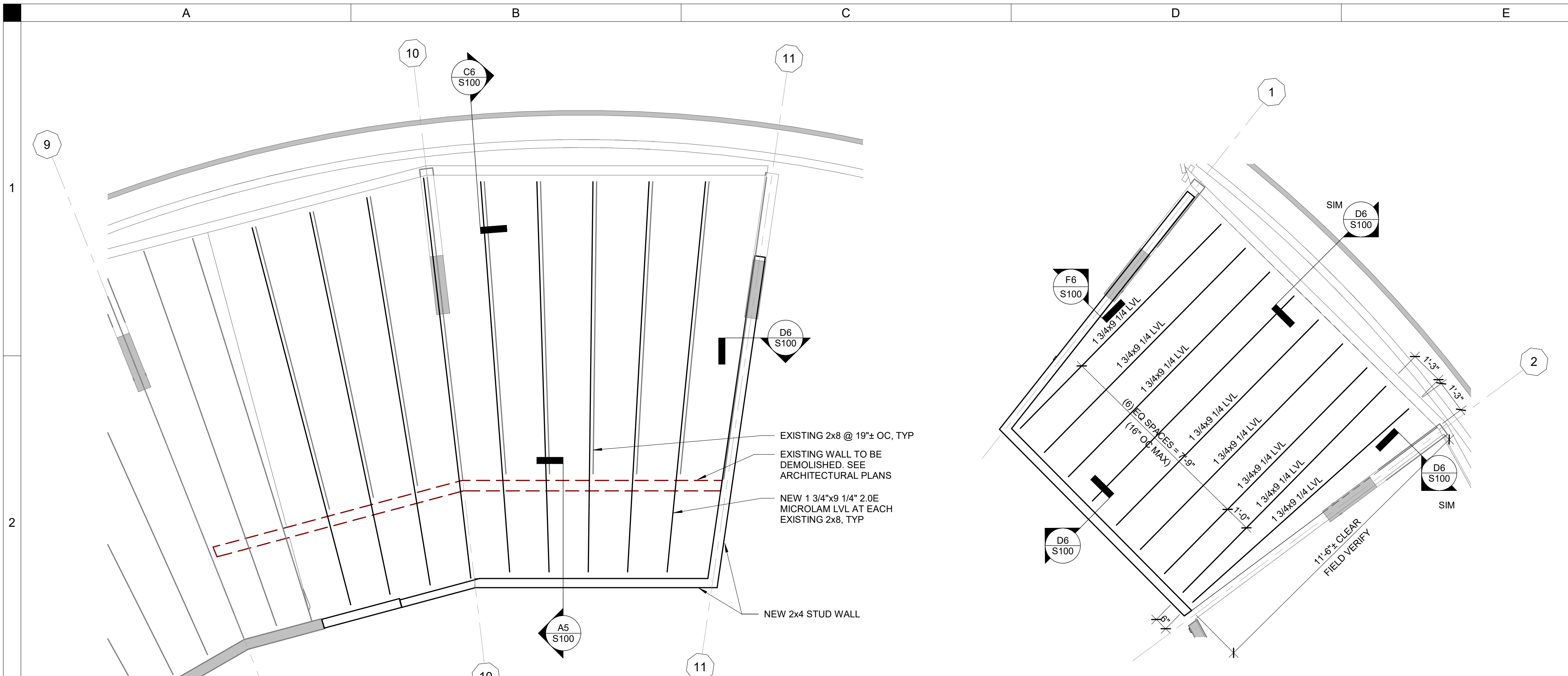
- CODES:
 - INTERNATIONAL BUILDING CODE (IBC) 2021
 - AMERICAN CONCRETE INSTITUTE - BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318)
 - AMERICAN SOCIETY OF CIVIL ENGINEERS AND STRUCTURAL ENGINEERING INSTITUTE (ASCE/SEI 7) - MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
 - AMERICAN FOREST & PAPER ASSOCIATION (AF&PA) NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS)
- DESIGN LOADS PER THE 2012 IBC (RISK CATEGORY II)
 - DEAD LOADS
STRUCTURE SELF WEIGHT AS SHOWN
CEILING, MEP & FP 10 PSF
 - LIVE LOADS
TYPICAL FLOOR LIVE LOADS 30 PSF
 - DEFLECTION CRITERIA
a. FLOOR LIVE LOAD L/360
 - INTERNAL PRESSURE 10PSF

SLAB ON GRADE

- SUBGRADE COMPACTION SHALL BE TESTED AND VERIFIED TO MEET 98% STANDARD PROCTOR MAXIMUM DRY DENSITY ACCORDANCE WITH ASTM D698. FOR RELATIVELY COHESIONLESS GRANULAR FILL WHICH HAS A PERCENT PASSING THE #200 SIEVE LESS THAN 10 PERCENT AND HAS ONLY A SLIGHT SENSITIVITY TO MOISTURE CHANGES, COMPACTION SHALL BE 75 PERCENT RELATIVE DENSITY IN ACCORDANCE WITH ASTM D4253 AND D4254. IF COMPACTION DOES NOT COMPLY, CONTRACTOR SHALL RECOMPACT AREA AND UNTIL TEST RESULTS ARE PASSING. AN AREA EXHIBITING WEAKNESS SUCH AS RUTTING OR PUMPING SHALL BE REMOVED AND REPLACED WITH COMPACTED GRANULAR FILL.
- CONCRETE SLAB ON GRADE SHALL BE PLACED ON A MINIMUM OF 6" WELL GRADED COMPACTED GRANULAR FILL SUB-BASE.
- WHERE REPLACEMENT SLABS CROSS CONTROL JOINTS, COPY CONTROL JOINT
- SAWCUT JOINTS AS SOON AS SURFACE WILL ALLOW WITHOUT EDGES RAVELING BUT PRIOR TO THE NEXT DAY AFTER THE POUR.
- FLOOR FINISHES SHALL MATCH EXISTING ADJACENT SLAB
- UTILITY TRENCH BACKFILL UNDER THE SLAB ON GRADE SHALL MEET THE SAME COMPACTION REQUIREMENTS AS THE ORIGINAL SUBGRADE LISTED ABOVE.
- SLOPE SLABS TO DRAINS TO CREATE POSITIVE DRAINAGE. PROVIDE DEPRESSIONS WHERE INDICATED ON ARCHITECTURAL DRAWINGS, WHILE MAINTAINING THE THICKNESS OF THE CONCRETE SLAB.

GENERAL WOOD NOTES

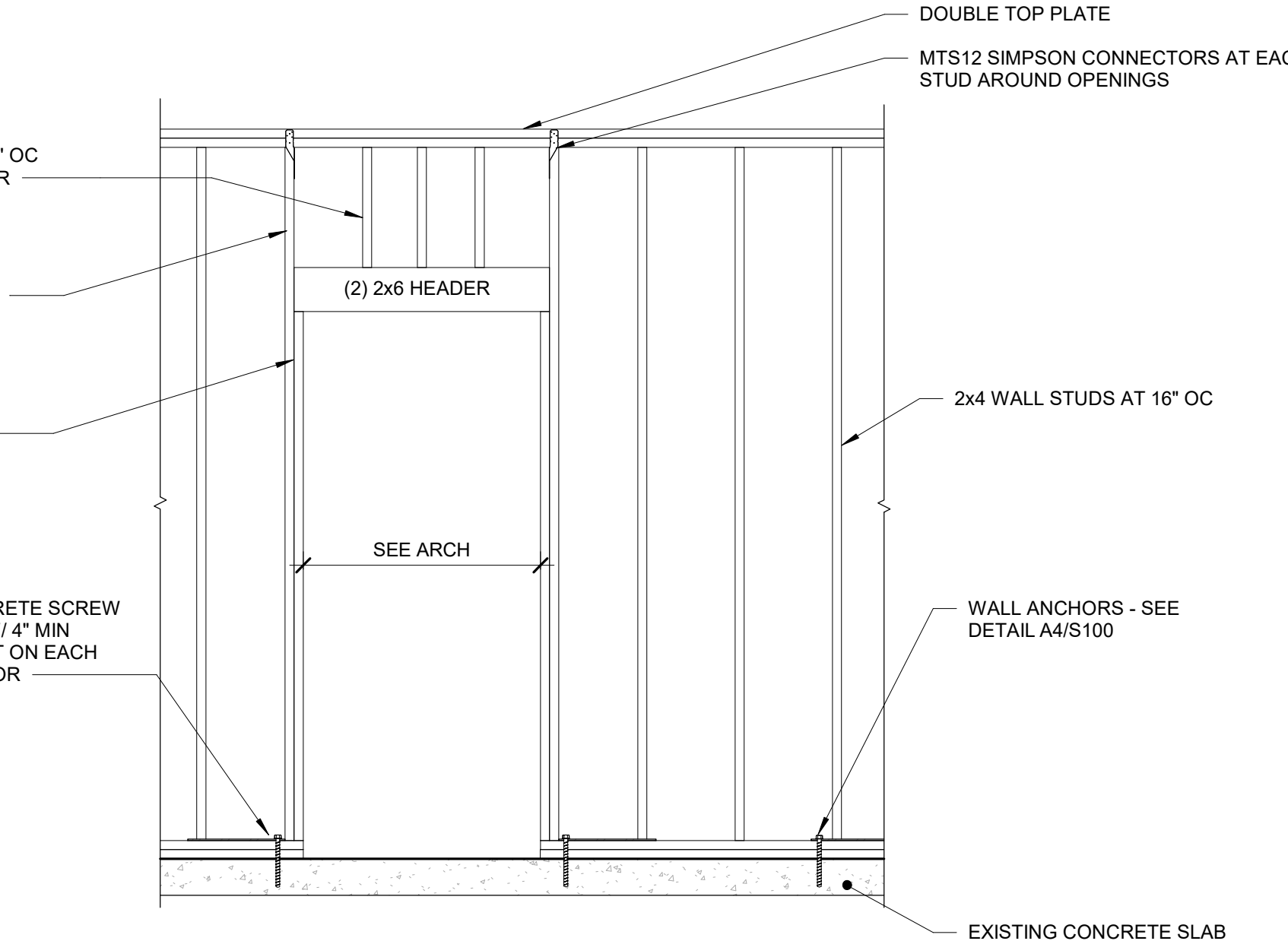
- ALL ROUGH CARPENTRY WORK SHALL CONFORM TO THE REQUIREMENTS OF NFPA "NATIONAL DESIGN SPECIFICATION OF WOOD CONSTRUCTION" TPI "DESIGN SPECIFICATION FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES" APA "PLYWOOD DESIGN SPECIFICATIONS" DOC P5-1 "PRODUCT STANDARDS FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD" AND CHAPTER 23 OF THE INTERNATIONAL BUILDING CODE.
- THE CONTRACTOR SHALL TAKE NECESSARY MEASURES TO TEMPORARILY SUPPORT PORTIONS OF THE WORK UNTIL THE ENTIRE STRUCTURE IS COMPLETE.
- ALL MULTIPLE 2x LUMBER HEADERS AND COLUMNS SHALL BE CONNECTED TOGETHER PER DETAILS
- PROVIDE JACK STUDS (BEARING STUDS) UNDER ALL WOOD HEADERS AS INDICATED ON DRAWINGS
- ALL FRAMING LUMBER THROUGHOUT TO BE NO. 2 SPRUCE PINE FIR OR BETTER.
- ENGINEERED WOOD PRODUCTS:
MICROLAM LVL BEAM: Fb=2600 PSI E=2,000,000 PSI
OR APPROVED EQUAL
- FLOOR SHEATHING SHALL BE 7/16" INCH APA RATED 24/16 LINO TO MATCH EXISTING. ATTACH SHEATHING TO SUPPORT MEMBERS WITH 10d NAILS AT 6" OC. LAY SHEATHING WITH STRENGTH AXIS PERPENDICULAR TO SUPPORT MEMBER AND STAGGER JOINTS 4'-0".
- DOUBLE TOP PLATE SPLICES SHALL BE SPACED NOT CLOSER THAN 48" OC AND SHALL HAVE (12) 10d COMMON NAILS WITHIN 2'-0" OF EACH SIDE OF SPLICE
- WOOD MEMBERS IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESERVATIVE TREATED AND CONNECTORS SHALL BE GALVANIZED STEEL OR STAINLESS STEEL. CONNECT SILL PLATE TO FOUNDATION W/ 5/8" DIA. SIMPSON TITEN HD SCREW ANCHOR @ 48" OC WITH 4" MIN EMBEDMENT. LINO.
- WOOD FRAMING CONNECTORS SUCH AS JOIST HANGERS, STRAPS, WIND CLIPS, ETC. SHALL BE SIMPSON STRONG-TIE OR APPROVED EQUAL.



- PLAN NOTES:
- NEW WALLS TO TIE INTO EXISTING WALLS. SEE ARCHITECTURAL PLANS FOR LAYOUT
 - PROVIDE 2x8 BLOCKING UNDER NEW PERIMETER OF NEW HEATING UNITS. COORDINATE WITH MECHANICAL CONTRACTOR.
 - PROVIDE OSB SHEATHING RATED 24/16 TO MATCH EXISTING. FASTEN TO SUPPORTS AT 6" CENTERS WITH 10d NAILS
 - AREA IS DESIGNED FOR 30PSF LIVE LOAD. STORED ITEMS MUST NOT EXCEED THIS LIMIT.

C3 NEW OFFICE LID FRAMING

3/8" = 1'-0" 0" 2" 4"



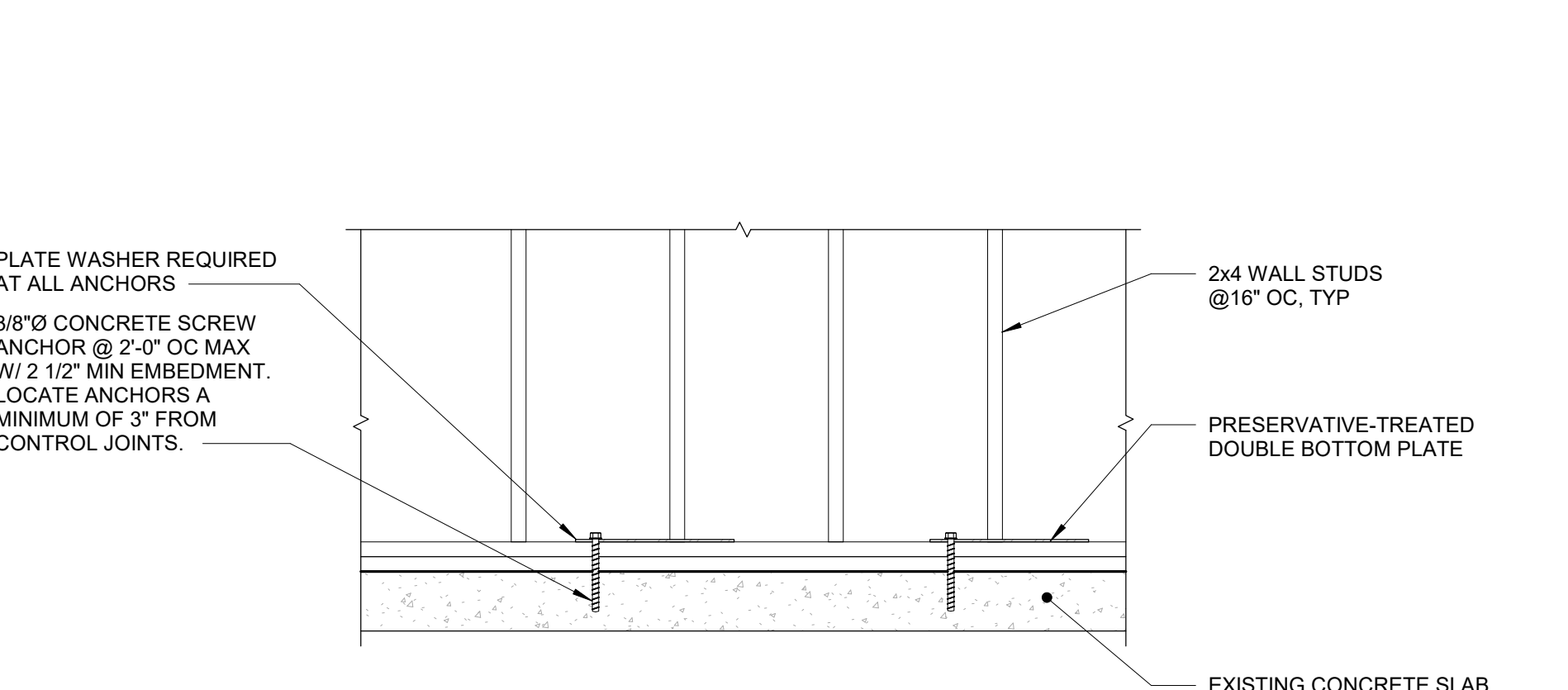
- NOTES:
- SEE WOOD NOTES FOR NAILING REQUIREMENTS OF SILL, JAMB, AND HEADERS.
 - REFER TO ARCHITECTURAL DRAWINGS FOR DOOR LOCATIONS.
 - TOE NAILING IS PROHIBITED FOR THE ATTACHMENT OF THE HEADER TO THE CRIPPLE STUDS.

C5 TYPICAL WALL ELEVATION WITH DOOR OPENING

NOT TO SCALE

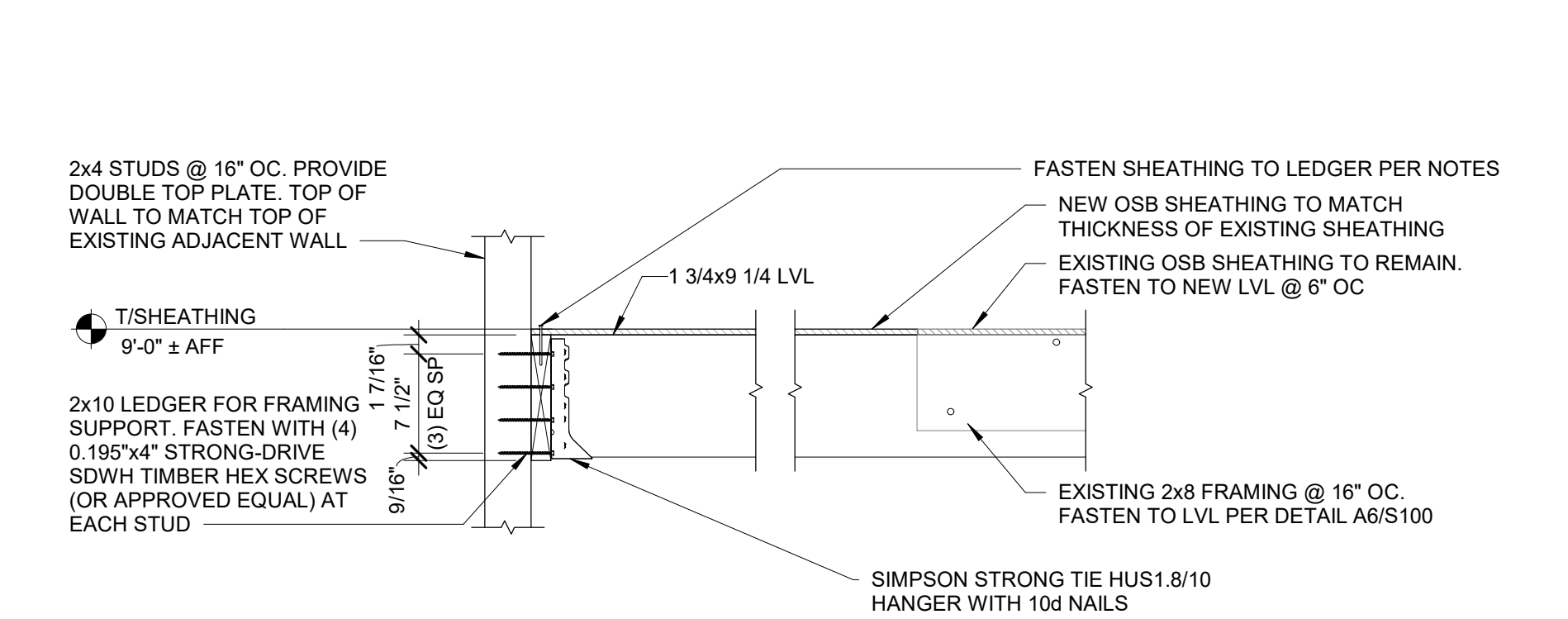
A3 KITCHEN LID FRAMING PLAN

3/8" = 1'-0" 0" 2" 4"



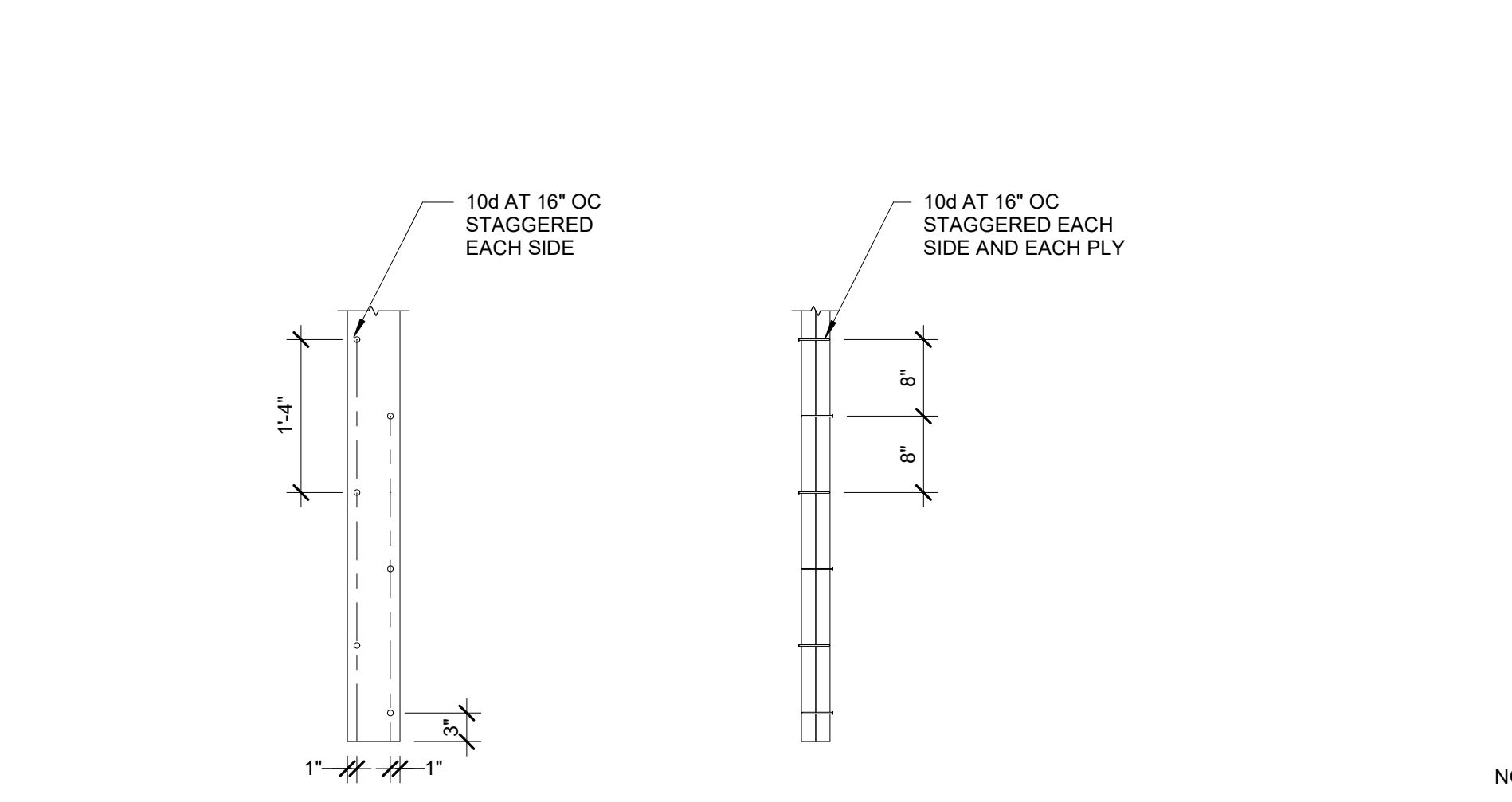
A4 TYPICAL WALL CONNECTION DETAIL

NOT TO SCALE



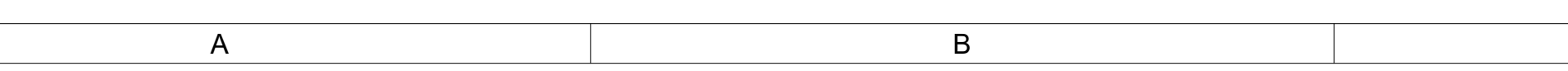
A5 SECTION AT EXTENDED FRAMING

1" = 1'-0" 0" 1'-6"



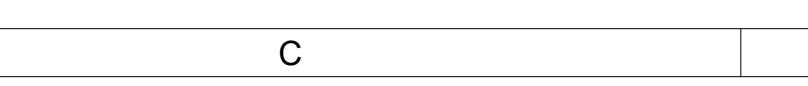
A6 BUILT-UP FRAMING PATTERN

NOT TO SCALE



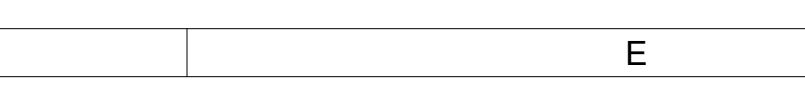
C6 SECTION AT EXISTING WALL

1" = 1'-0" 0" 1'-6"



D6 SECTION AT NEW FRAMING AND WALLS

1" = 1'-0" 0" 1'-6"

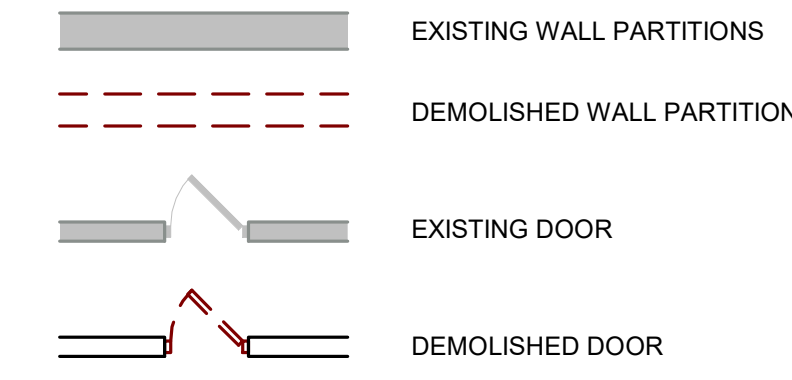


F6 LEDGER DETAIL

1" = 1'-0" 0" 1'-6"



DEMOLITION PLAN SYMBOLS LEGEND



ARCHITECTURAL DEMOLITION NOTES

- FIELD VERIFY EXISTING CONDITIONS PRIOR TO START OF DEMOLITION WORK. NOTIFY ARCHITECT IN WRITING OF DISCREPANCIES BETWEEN WORK SHOWN IN THE DRAWINGS AND FIELD CONDITIONS ENCOUNTERED.
- TO PROTECT OWNER AND CONTRACTOR, PHOTOGRAPHICALLY DOCUMENT EXISTING CONDITIONS TO REMAIN, PRIOR TO START OF DEMOLITION AND CONSTRUCTION ACTIVITIES. COPY ARCHITECT AND OWNER ON PHOTOGRAPHIC DOCUMENTATION.
- OPEN FLAME EQUIPMENT IS NOT PERMITTED FOR REMOVAL OF EXISTING WORK WITHOUT SPECIFIC WRITTEN PERMISSION FROM THE OWNER.
- COORDINATE WITH OWNER ANY ITEMS TO BE SALVAGED.
- OWNER WILL REMOVE ALL NON-FIXED FURNISHINGS AND EQUIPMENT FROM THE CONSTRUCTION AREA PRIOR TO START OF CONSTRUCTION UNLESS NOTED OTHERWISE.
- MAINTAIN BUILDING IN A WEATHER-TIGHT CONDITION. DO NOT PERFORM WORK ON EXTERIOR OPENINGS THAT CANNOT BE COMPLETED OR MADE WEATHER-TIGHT WHEN INCLEMENT WEATHER IS POSSIBLE.
- REMOVE FLOOR MATERIALS TO THE EXTENT SHOWN OR DESCRIBED IN THE DRAWINGS. REMOVAL INCLUDES ADHESIVES, GROUTING BEDS, ANCHORING DEVICES, ASSOCIATED WALL BASE, ETC. CLEAN AND PREPARE SURFACES FOR INSTALLATION OF NEW FLOOR MATERIALS.
- SEE STRUCTURAL DRAWINGS FOR LINTELS AT NEW PENETRATIONS THROUGH EXISTING WALLS. COORDINATE PENETRATION LOCATIONS WITH ASSOCIATED TRADES.
- COORDINATE WITH OTHER TRADES CUTTING AND PATCHING REQUIRED FOR DEMOLITION OR NEW CONSTRUCTION.
- ANY DEMOLITION OR REMOVAL INDICATED IS SHOWN IN GENERAL TO PROVIDE THE EXTENT OF DEMOLITION AND IS NOT TO BE CONSIDERED AS A RECORD DRAWING OF EXISTING CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR IN FIELD VERIFICATION AND COORDINATION WITH THE ARCHITECT PRIOR TO COMMENCING WITH STATED WORK.
- ALL CONSTRUCTION TO REMAIN WHICH IS AFFECTED BY DEMOLITION SHALL BE PATCHED, BE PROPERLY ALIGNED AND FINISHED SO AS TO LEAVE NO EVIDENCE OF PATCHING OR REPAIR. REPAIR OR REPLACE ANY EXISTING CONSTRUCTION, MATERIALS, OR EQUIPMENT DAMAGED DURING DEMOLITION TO LIKE NEW CONDITION.
- THE CONTRACTOR IS TO RETURN SALVAGEABLE MATERIALS, INCLUDING BUT NOT LIMITED TO DOORS, FRAMES, HARDWARE, MARBLE, EQUIPMENT, AND LIGHTING FIXTURES TO THE OWNER AND STOCKPILE THEM IN AN APPROVED CONSTRUCTION AREA. DISPOSE OF THESE MATERIALS AFTER OWNER'S REVIEW AND APPROVAL.
- CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL FINISHES (TO REMAIN) IN THE PROJECT AREA. COORDINATE WITH ARCHITECT AND OWNER PRIOR TO DEMOLITION.
- CONTRACTOR SHALL ENSURE THAT DUST AND DEBRIS ARE PREVENTED FROM ENTERING THE EXISTING HVAC SYSTEM AND ADJOINING SPACES WITH TEMPORARY BARRIERS AS REQUIRED PER THE BUILDING.
- INDICATION OF NEW MATERIALS SHALL INFER ALL REMOVAL OR DEMOLITION AND PATCHING REQUIRED OF EXISTING MATERIALS AND SUBSTRATES FOR PROPER ALIGNMENT. MATCH EXISTING FINISHES.
- ALL NEW AND EXISTING PENETRATIONS IN EXISTING WALLS, FLOORS AND CEILING DECKS SHALL BE THE RESPONSIBILITY OF THE PRIME CONTRACTOR AND SHALL RECEIVE UL AND FACILITY APPROVED FIRE SEALANT MATERIALS TO MATCH RATING REQUIREMENT OF AREA BEING PENETRATED.

KEYNOTES

KEY	NOTE
AD01	REMOVE AND SALVAGE EQUIPMENT FOR REINSTALLATION. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR TEMPORARY UTILITY DISCONNECTION.
AD02	REMOVE AND SALVAGE WOOD CEILING ASSEMBLY AND CEILING MOUNTED DEVICES AS REQUIRED TO ACCOMMODATE THE WORK.
AD04	SAWCUT AND REMOVE PORTION OF SLAB ON GRADE AS REQUIRED FOR NEW OR DEMOLISHED UTILITIES. COORDINATE FINAL LOCATION WITH STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS. MINIMIZE AREA OF DEMOLITION, REPAIR SLAB PER A2450 AND PREPARE SLAB FOR NEW FLOOR FINISH NOTED ON AD01.
AD06	REMOVE STUD PARTITION IN ITS ENTIRETY, INCLUDING FRAME AND DOOR ASSEMBLIES AND ALL WALL MOUNTED ITEMS. WOOD PANEL WALL FINISH AND FASTENERS TO BE REMOVED BY THE OWNER. COORDINATE TIMING OF REMOVAL WITH THE OWNER. THOROUGHLY CLEAN FLOOR SLAB AND PATCH TO PROVIDE A SMOOTH FINISH. SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR ITEMS OR DEVICES TO BE REINSTALLED ON NEW GYPSUM BOARD WALLS.
AD07	PROTECT EXISTING FLOORING FROM CONSTRUCTION ACTIVITY WITH KRAFT PAPER WITH TAPED SEAMS AND 1/4" THICK MASONITE HARD BOARD WITH TAPED SEAMS. REMOVE PROTECTION AT COMPLETION OF WORK. CONTRACTOR IS RESPONSIBLE TO REMOVE AND REPLACE FLOORING DAMAGED AS THE RESULT OF CONSTRUCTION. CONTRACTOR IS REQUIRED TO DOCUMENT EXISTING CONDITIONS PRIOR TO THE START OF CONSTRUCTION.
AD08	REMOVE DOOR AND/OR WINDOW AND FRAME, GLAZING AND HARDWARE IN THEIR ENTIRETY INCLUDING SEALANTS. COORDINATE ITEMS TO BE SALVAGED WITH OWNER. PREPARE OPENING FOR NEW FRAME SYSTEM OR INFILL. SEE NEW WORK PLANS.
AD09	REMOVE CASEWORK, COUNTERTOPS AND SINKS (WHERE PRESENT) INCLUDING HARDWARE AND SUPPORTS TO THE EXTENTS SHOWN. COORDINATE DEMOLITION OF UTILITIES WITH ELECTRICAL AND MECHANICAL DRAWINGS. AFTER DEMOLITION OF CASEWORK PREPARE SURFACES TO REMAIN TO RECEIVE NEW WORK.
AD10	REMOVE GYPSUM OR PLASTER CEILING, BATT INSULATION (IF PRESENT) AND FULL SUPPORT SYSTEM IN ITS ENTIRETY. REMOVE AND SALVAGE CEILING MOUNTED DEVICES FOR REINSTALLATION IN NEW CEILING ASSEMBLY, UNLESS NOTED OTHERWISE. COORDINATE DEMOLITION WITH MECHANICAL AND ELECTRICAL DRAWINGS.
AD11	REMOVE WALL BASE, FULL EXTENTS OF ROOM. SEE NEW WORK PLANS AND FINISH SCHEDULE FOR NEW FINISHES.
AD12	SEE ELECTRICAL DRAWINGS FOR WORK AT ELECTRICAL PANELS.
AD15	REMOVE FOOD SERVICE EQUIPMENT AND SALVAGE TO THE OWNER. DISCONNECT UTILITIES TO FACILITATE REMOVAL. COORDINATE DEMOLITION OF UTILITIES WITH PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS. MOVE EQUIPMENT TO TEMPORARY HOLDING LOCATION ON SITE AS DIRECTED BY OWNER. OWNER WILL REMOVE EQUIPMENT FROM TEMPORARY HOLDING LOCATION.
AD16	EXISTING CEILING SYSTEM, SOFFIT OR EXPOSED STRUCTURE TO REMAIN. DO NOT DISTURB. COORDINATE DEMOLITION OF CEILING MOUNTED DEVICES WITH MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS. PROVIDE BREAK-OUT PRICE FOR WORK ASSOCIATED WITH SAFETY/SECURITY UPGRADES.
AD17	SAWCUT AND REMOVE PORTION OF STUD PARTITION AS SHOWN, INCLUDING ALL WALL MOUNTED ITEMS WHERE IS EXISTS. WOOD PANEL WALL FINISH AND FASTENERS TO BE REMOVED BY THE OWNER. COORDINATE TIMING OF REMOVAL WITH THE OWNER. THOROUGHLY CLEAN FLOOR SLAB AND PATCH TO PROVIDE A SMOOTH FINISH. PREPARE WALL OPENING FOR NEW DOOR AND FRAME.
AD18	REMOVE GYPSUM OR PLYWOOD WALL FINISH AND FASTENERS TO THE EXTENT SHOWN. DO NOT DAMAGE STRUCTURAL STUD FRAMING. REMOVE ALL WALL MOUNTED ITEMS. COORDINATE ITEMS TO BE SALVAGED WITH THE OWNER. SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR ITEMS OR DEVICES TO BE REINSTALLED ON NEW GYPSUM BOARD WALLS.
AD19	WOOD PANEL WALL FINISH AND FASTENERS TO THE EXTENT SHOWN TO BE REMOVED BY THE OWNER. SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR ITEMS OR DEVICES TO BE REINSTALLED ON NEW GYPSUM BOARD WALLS.

A6 FIRST FLOOR DEMOLITION PLAN
1/4" = 1'-0"

DEMOLITION PLANS

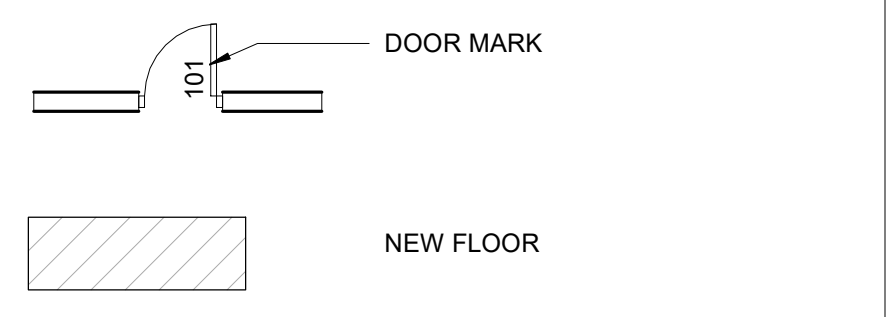
AD01

Autodesk Revit 2024

FLOOR PLAN NOTES

- COORDINATE THE LOCATION OF ALL WALL REINFORCEMENT AND BLOCKING PRIOR TO THE INSTALLATION OF THE DRYWALL AND MILLWORK. PROVIDE BLOCKING FOR TOILET ACCESSORIES, GRAB BARS, HANDRAILS, COAT HOOKS, SHELVING, FITTING ROOM PARTITIONS, WALL-MOUNTED EQUIPMENT, SURFACE-MOUNTED STANDARDS OR FIXTURES, MILLWORK, ETC., AS REQUIRED FOR ANCHORING IN DRYWALL PARTITIONS. COORDINATE WITH OWNER FOR LOCATIONS OF WALL HUNG DEVICES NOT INSTALLED BY CONTRACTOR THAT REQUIRE BLOCKING, WOOD BLOCKING TO BE FIRE RETARDANT WHERE REQUIRED BY CODE.
- WATER-RESISTANT GYPSUM BOARD SHALL BE USED FOR STUD PARTITIONS IN TOILET ROOMS, JANITORS CLOSETS, FIRE SERVICE ROOMS, MECHANICAL ROOMS, AND ANY ADDITIONAL LOCATIONS DESIGNATED IN CONTRACT DOCUMENTS.
- WHERE STRUCTURAL ELEMENTS INTERFERE WITH FIRE-RATED PARTITIONS, FRAME TOP OF WALL AROUND STRUCTURAL ELEMENT.
- REFER TO DRAWINGS OF ALL TRADES FOR ADDITIONAL INFORMATION REGARDING ITEMS PENETRATING FLOORS, WALLS, AND CEILINGS.
- ALL NEW PARTITIONS ARE DIMENSIONED TO THE CENTERLINE OF STUD COMPONENT UNLESS NOTED OTHERWISE. DIMENSIONS TO EXISTING ELEMENTS ARE TO EXPOSED FACE.
- ALL DOORS IN STUD WALL CONSTRUCTION ARE TO BE LOCATED WITH EDGE OF FRAME 4" FROM FACE OF ADJACENT PARTITION UNLESS NOTED OTHERWISE. DIMENSIONS TO LOCATING DOORS NOT DIRECTLY ADJACENT TO WALLS ARE GIVEN TO OUTSIDE EDGE OF FRAME.

FLOOR PLAN SYMBOLS LEGEND

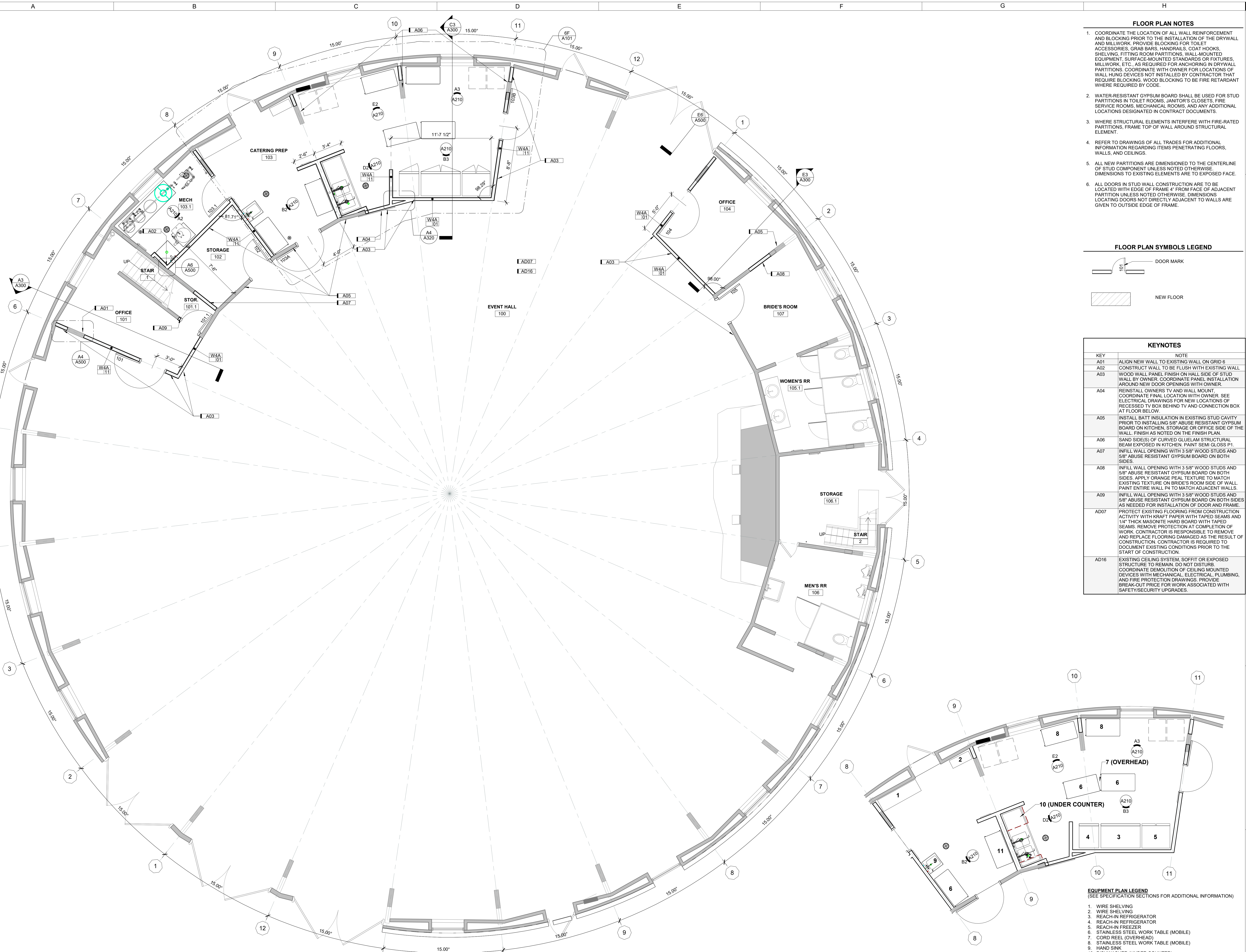


KEYNOTES

KEY	NOTE
A01	ALIGN NEW WALL TO EXISTING WALL ON GRID 6
A02	CONSTRUCT WALL TO BE FLUSH WITH EXISTING WALL
A03	WOOD WALL PANEL FINISH ON HALL SIDE OF STUD WALL BY OWNER. COORDINATE PANEL INSTALLATION AROUND NEW DOOR OPENINGS WITH OWNER.
A04	REINSTALL OWNERS TV AND WALL MOUNT. COORDINATE FINAL LOCATION WITH OWNER. SEE ELECTRICAL DRAWINGS FOR NEW LOCATIONS OF RECESSED TV BOX BEHIND TV AND CONNECTION BOX AT FLOOR BELOW.
A05	INSTALL BATT INSULATION IN EXISTING STUD CAVITY PRIOR TO INSTALLING 5/8" ABUSE RESISTANT GYPSUM BOARD ON KITCHEN, STORAGE OR OFFICE SIDE OF THE WALL. FINISH AS NOTED ON THE FINISH PLAN.
A06	SAND SIDES OF CURVED GUEULEM STRUCTURAL BEAM EXPOSED IN KITCHEN. PAINT SEMI GLOSS P1.
A07	INFILL WALL OPENING WITH 3 5/8" WOOD STUDS AND 5/8" ABUSE RESISTANT GYPSUM BOARD ON BOTH SIDES.
A08	INFILL WALL OPENING WITH 3 5/8" WOOD STUDS AND 5/8" ABUSE RESISTANT GYPSUM BOARD ON BOTH SIDES. APPLY ORANGE PEEL TEXTURE TO MATCH EXISTING TEXTURE ON BRIDE'S ROOM SIDE OF WALL. PAINT ENTIRE WALL P4 TO MATCH ADJACENT WALLS.
A09	INFILL WALL OPENING WITH 3 5/8" WOOD STUDS AND 5/8" ABUSE RESISTANT GYPSUM BOARD ON BOTH SIDES AS NEEDED FOR INSTALLATION OF DOOR AND FRAME.
AD07	PROTECT EXISTING FLOORING FROM CONSTRUCTION ACTIVITY WITH KRAFT PAPER WITH TAPED BEAMS AND 1/4" THICK MASONITE HARD BOARD WITH TAPED SEAMS. REMOVE PROTECTION AT COMPLETION OF WORK. CONTRACTOR IS RESPONSIBLE TO REMOVE AND REPLACE FLOORING DAMAGED AS THE RESULT OF CONSTRUCTION. CONTRACTOR IS REQUIRED TO DOCUMENT EXISTING CONDITIONS PRIOR TO THE START OF CONSTRUCTION.
AD16	EXISTING CEILING SYSTEM, SOFFIT OR EXPOSED STRUCTURE TO REMAIN. DO NOT DISTURB. COORDINATE DEMOLITION OF CEILING MOUNTED DEVICES WITH MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS. PROVIDE BREAK-OUT PRICE FOR WORK ASSOCIATED WITH SAFETY/SECURITY UPGRADES.

EQUIPMENT PLAN LEGEND
(SEE SPECIFICATION SECTIONS FOR ADDITIONAL INFORMATION)

- WIRE SHELVING
- WIRE SHELVING
- REACH-IN REFRIGERATOR
- REACH-IN REFRIGERATOR
- REACH-IN FREEZER
- STAINLESS STEEL WORK TABLE (MOBILE)
- CORD REEL (OVERHEAD)
- STAINLESS STEEL WORK TABLE (MOBILE)
- HAND SINK
- DISHWASHER (UNDER COUNTER)
- STAINLESS STEEL WORK TABLE (MOBILE)
- STAINLESS STEEL SINK TABLE



6A FIRST FLOOR PLAN
1/4" = 1'-0" 0" 6"

6B EQUIPMENT PLAN
1/4" = 1'-0" 0" 6"

FIRST FLOOR PLAN

A101

DRAWN BY	KJH
APPROVED BY	MAO
ISSUED FOR	CONSTRUCTION
ISSUE DATE	02-05-2025
PROJECT NUMBER	2240009800

FLOOR PLAN NOTES

- COORDINATE THE LOCATION OF ALL WALL REINFORCEMENT AND BLOCKING PRIOR TO THE INSTALLATION OF THE DRYWALL AND MILLWORK. PROVIDE BLOCKING FOR TOILET ACCESSORIES, GRAB BARS, HANDRAILS, COAT HOOKS, SHELVEING, FITTING ROOM PARTITIONS, WALL-MOUNTED EQUIPMENT, SURFACE-MOUNTED STANDARDS OR FIXTURES, MILLWORK, ETC., AS REQUIRED FOR ANCHORING IN DRYWALL PARTITIONS. COORDINATE WITH OWNER FOR LOCATIONS OF WALL HUNG DEVICES NOT INSTALLED BY CONTRACTOR THAT REQUIRE BLOCKING. WOOD BLOCKING TO BE FIRE RETARDANT WHERE REQUIRED BY CODE.
- WATER-RESISTANT GYPSUM BOARD SHALL BE USED FOR STUD PARTITIONS IN TOILET ROOMS, JANITOR'S CLOSETS, FIRE SERVICE ROOMS, MECHANICAL ROOMS, AND ANY ADDITIONAL LOCATIONS DESIGNATED IN CONTRACT DOCUMENTS.
- WHERE STRUCTURAL ELEMENTS INTERFERE WITH FIRE-RATED PARTITIONS, FRAME TOP OF WALL AROUND STRUCTURAL ELEMENT.
- REFER TO DRAWINGS OF ALL TRADES FOR ADDITIONAL INFORMATION REGARDING ITEMS PENETRATING FLOORS, WALLS, AND CEILINGS.
- ALL NEW PARTITIONS ARE DIMENSIONED TO THE CENTERLINE OF STUD COMPONENT UNLESS NOTED OTHERWISE. DIMENSIONS TO EXISTING ELEMENTS ARE TO EXPOSED FACE.
- ALL DOORS IN STUD WALL CONSTRUCTION ARE TO BE LOCATED WITH EDGE OF FRAME 4" FROM FACE OF ADJACENT PARTITION UNLESS NOTED OTHERWISE. DIMENSIONS LOCATING DOORS NOT DIRECTLY ADJACENT TO WALLS ARE GIVEN TO OUTSIDE EDGE OF FRAME.

KEYNOTES

KEY	NOTE
A25	NEW FLOOR STRUCTURE IN THIS AREA - SEE STRUCTURAL DRAWINGS.

FLOOR PLAN SYMBOLS LEGEND

	DOOR MARK
	NEW FLOOR

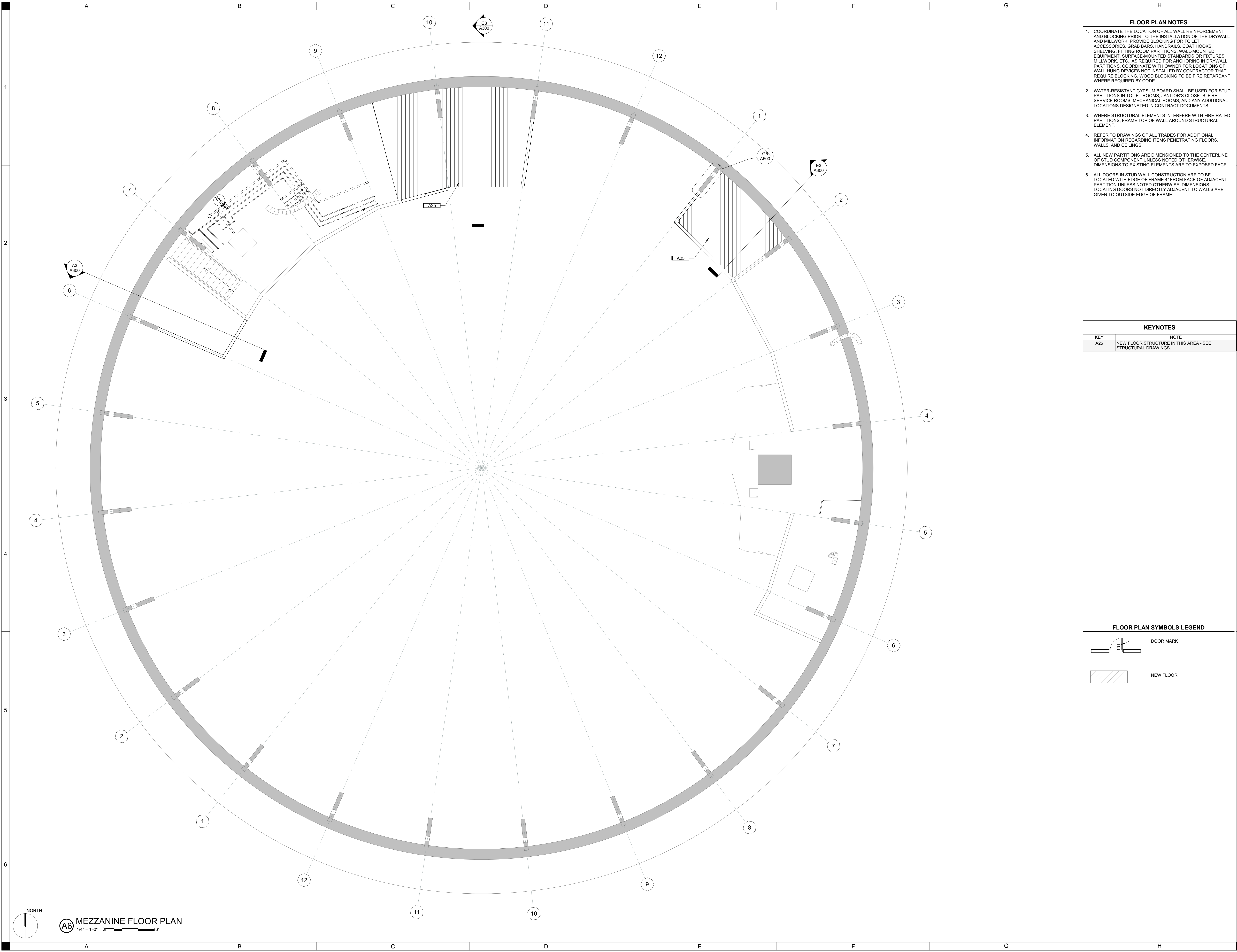
ICANGLESKA WAKAN CELEBRATION BARN RENOVATION

JOHANSON COUNTY CONSERVATION
14342 245TH ST NE, SOLON, IA

DRAWN BY	KJH
APPROVED BY	NMO
ISSUED FOR	CONSTRUCTION
ISSUE DATE	02-05-2025
PROJECT NUMBER	2240009800

MEZZANINE
FLOOR PLAN

A102



CEILING PLAN NOTES

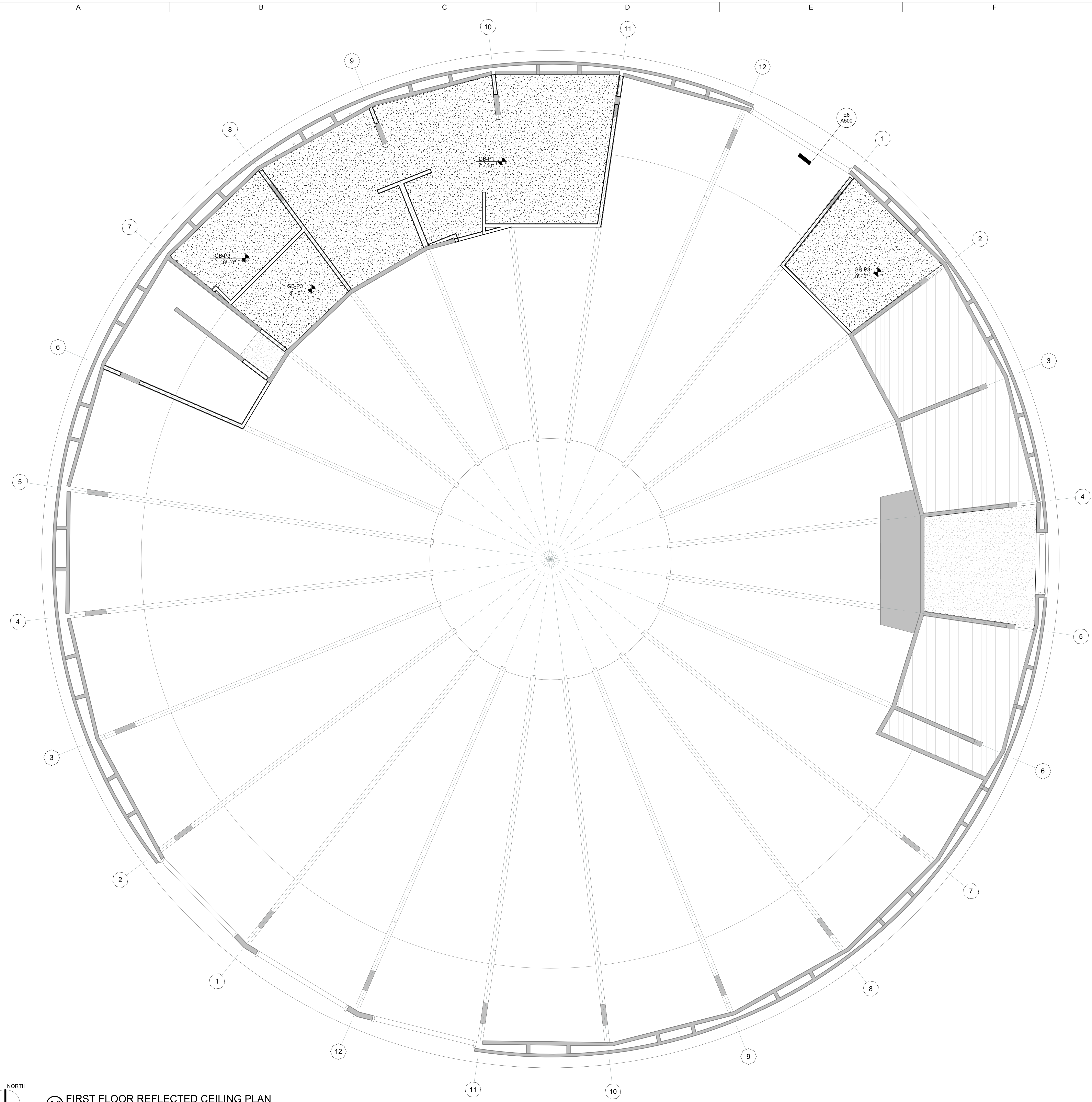
1. NOTIFY ARCHITECT OF INADEQUATE CLEARANCES FOR CEILING LAYOUT PRIOR TO COMMENCING WORK.
2. LOCATIONS OF LIGHT FIXTURES, DIFFUSERS, ETC. SHALL BE AS SHOWN ON THE ARCHITECTURAL REFLECTED CEILING PLANS AND DETAILS. NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO PROCEEDING WITH CONSTRUCTION. REFER TO DRAWINGS AND SPECIFICATIONS OF ALL TRADES FOR SYSTEM DESIGN AND ADDITIONAL INFORMATION.
3. COORDINATE WITH ALL TRADES TO CONFIRM THEIR WORK CAN BE INSTALLED TO ACHIEVE CEILING HEIGHTS AS SHOWN. TRADE PRIORITY SHALL BE AS FOLLOWS UNLESS DIRECTED OTHERWISE BY THE ARCHITECT:
 - ELECTRICAL LIGHTING FIXTURES
 - MECHANICAL GRILLES AND DIFFUSERS
 - MECHANICAL DUCTWORK
 - ELECTRICAL CONDUIT
 - PIPING SYSTEMS
4. COORDINATE WITH ALL TRADES TO CONFIRM THE LOCATION OF ACCESS PANELS WITH ASSOCIATED INSTALLED EQUIPMENT. INFORM ARCHITECT OF PROPOSED LOCATIONS PRIOR TO INSTALLATION AND CONSTRUCTION OF NEW WORK.
5. ALL CEILING LIGHT FIXTURES TO BE CENTERED ON CEILING PANELS UNLESS SHOWN OTHERWISE. GRID OR PANEL IS TO BE CENTERED IN ROOM UNLESS SHOWN AND DIMENSIONED OTHERWISE.
6. ALL CEILING PANELS TO BE [P1] UNLESS NOTED OTHERWISE.

KEYNOTES

KEY	NOTE
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CEILING PLAN SYMBOLS LEGEND

- ACP-1 +8'-0" — CEILING MATERIAL DESIGNATION
- CEILING HEIGHT
- P1 — ACCENT FINISH DESIGNATION
- GYPSUM BOARD CEILING/ SOFFIT, SEE MATERIAL FINISH LEGEND
- — SURFACE LIGHT
- — RECESSED LIGHT
- — SURFACE LIGHT
- RECESSED LIGHT
- STRIP LIGHT
- E — EXIT LIGHT
- ACCESS PANEL
- RETURN AIR GRILLE
- SUPPLY AIR GRILLE
- EXHAUST AIR GRILLE
- S — SPEAKER
- SD — SMOKE DETECTOR



A6 FIRST FLOOR REFLECTED CEILING PLAN
1/4" = 1'-0" 0" 6"

DRAWN BY	KJH
APPROVED BY	MAO
ISSUED FOR	CONSTRUCTION
ISSUE DATE	02-05-2025
PROJECT NUMBER	2240009800

FIRST FLOOR REFLECTED CEILING PLAN

A131

DRAWN BY	KJH
APPROVED BY	MAO
ISSUED FOR	CONSTRUCTION
ISSUE DATE	02-05-2025
PROJECT NUMBER	2240009000

FIRST FLOOR FINISH PLAN

A151

FINISH PLAN SYMBOLS LEGEND

ROOM NAME	ROOM NUMBER
W WLF1	WALL FINISH DESIGNATION
B B1	WALL BASE DESIGNATION
F FLR1	FLOOR FINISH DESIGNATION
R COMM	REMARKS (OPTIONAL)
P1	FINISH DESIGNATION
LVT	FLOOR FINISH DESIGNATION
CT	FINISH TRANSITION
CPT	CPT
VCT	VCT

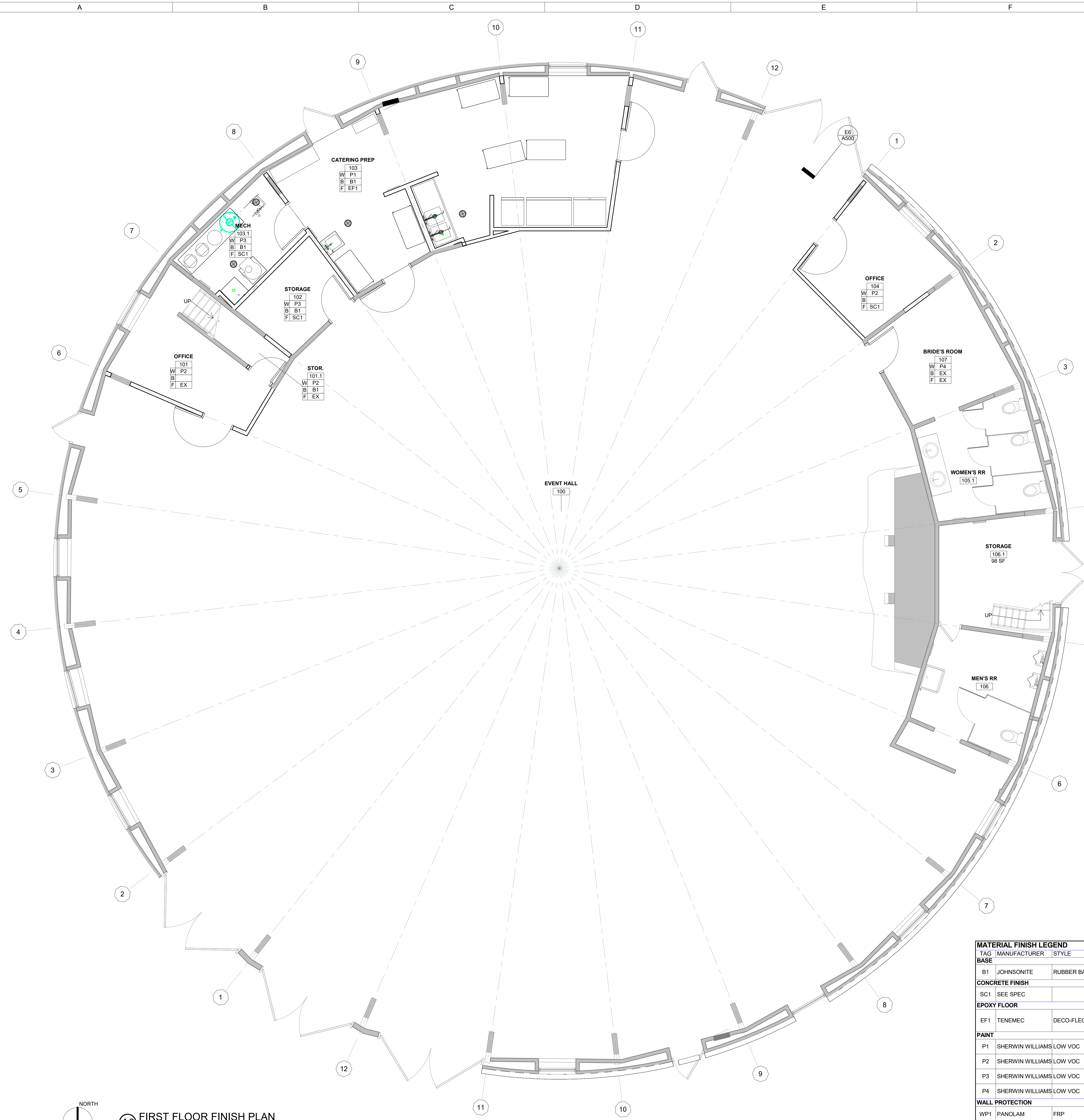
- FINISH PLAN NOTES**
- ENSURE THAT SURFACES TO RECEIVE FINISHES ARE CLEAN, TRUE, AND FREE OF IRREGULARITIES. DO NOT PROCEED WITH FINISH WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. COMMENCEMENT OF WORK SHALL INDICATE INSTALLER'S ACCEPTANCE OF SUBSTRATE.
 - PREPARE EXISTING WALLS FOR NEW FINISHES CALLED FOR ON THE DRAWINGS.
 - PREPARE SUBFLOOR AS NECESSARY FOR APPLICATION OF NEW FLOOR FINISHES.
 - ALL CODE-REQUIRED LABELS SUCH AS "UL," "FACTORY MUTUAL," OR ANY EQUIPMENT IDENTIFICATION, PERFORMANCE RATING, NAME, OR NOMENCLATURE PLATES SHALL REMAIN READABLE AND NOT PAINTED OR COVERED BY OTHER CONSTRUCTION.
 - INSTALL PAINTABLE SEALANT AT ALL GAPS BETWEEN CASEWORK AND WALL UNLESS NOTED OTHERWISE.
 - GYPSUM WALLBOARD FINISHING SHALL BE DONE WITH LIGHTING CONDITIONS SIMULATING FINAL LIGHTING.
 - REFER TO REFLECTED CEILING PLANS FOR CEILING FINISHES AND HEIGHTS.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR FLOOR LEVELING BETWEEN DISSIMILAR FLOOR FINISH MATERIALS AT ALL TRANSITIONS. FLOOR FILLER COMPOUND SHALL BE FEATHERED AT A DISTANCE TO MAKE FLOORING HEIGHT TRANSITION IMPERCEPTIBLE - 36" MINIMUM.
 - ALL FINISH MATERIALS TO BE CLASS 1 OR A.
 - ALL PAINT, PRIMER, AND ADHESIVES SHALL BE LOW VOC, TYP.
 - ALL WALL PAINT SHALL BE [P1 EGGSHELL] FINISH UNLESS NOTED OTHERWISE.
 - ALL INTERIOR HOLLOW METAL DOOR PANELS AND DOOR FRAMES SHALL RECEIVE SEMI-GLOSS PAINT [IN THE SAME COLOR AS THE ADJACENT WALL] UNLESS NOTED OTHERWISE.
 - WOOD DOORS TO BE STAINED FINISH [TO MATCH ARCHITECT'S SAMPLE] UNLESS NOTED OTHERWISE.
 - ALL FLOORING TRANSITIONS AT DOORS SHALL BE CENTERED ON DOOR PANELS UNLESS NOTED OTHERWISE.
 - FLOORING PREP MUST BE COMPLETED BY THE FLOORING INSTALLER. INSTALLER TO FOLLOW FLOORING MANUFACTURER'S RECOMMENDATIONS FOR BOTH PREP AND INSTALLATION.
 - VERIFY THAT ALL FLOORS ARE LEVEL AND FLUSH. CORRECT ALL DEVIATIONS BY THE APPLICATION OF SELF-LEVELING CEMENTITIOUS FILLING COMPOUND BEFORE INSTALLATION OF FINISHED FLOOR COVERING AND/OR EQUIPMENT.
 - SLOPE ALL FINISH FLOORING TO FLOOR DRAINS AT ALL LOCATIONS. FLOORS SHALL BE LEVEL TO WITHIN (1/8") PER FOOT THROUGHOUT UNLESS NOTED OTHERWISE.
 - PROVIDE FLOORING TRANSITION STRIPS WHERE NEW FLOORING ABUTS DIFFERENT NEW OR EXISTING FLOORING MATERIALS (E.G. CARPET TO VINYL, CARPET TO TILE) UNLESS NOTED OTHERWISE.
 - ALL GROUT TO HAVE ANTI-MICROBIAL ADDITIVE. ALL GROUT JOINTS TO RECEIVE 2 COATS OF MANUFACTURER'S RECOMMENDED SEALER.
 - PROVIDE TILE ACCESSORIES SUCH AS COVE BASE, BULLNOSE, INSIDE CORNERS, AND OUTSIDE CORNERS. COORDINATE WITH THE ADJACENT FIELD TILE.
 - FINISH TAGS INDICATE GENERAL ROOM FINISHES UNLESS NOTED OTHERWISE. REFER TO FINISH PLAN FOR ACCENT WALL FINISHES.
 - PROVIDE GYPSUM WALL BOARD FINISH LEVELS PER ASTM C840. PROVIDE LEVEL 4 DRYWALL FINISH AT WALLS SCHEDULED TO RECEIVE EGGSHELL PAINT OR WALL COVERING UNLESS NOTED OTHERWISE. PROVIDE LEVEL 5 DRYWALL FINISH AT ALL AREAS OF VINYL WALL GRAPHICS, SEMI-GLOSS, OR GLOSS PAINT INSTALLED ON DRYWALL AND WHERE NOTED.

KEYNOTES

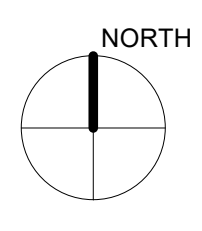
KEY	NOTE
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MATERIAL FINISH LEGEND

TAG	MANUFACTURER	STYLE	COLOR NAME / NO	SPECIFICATION	SPEC #	REMARKS
BASE						
B1	JOHNSONITE	RUBBER BASE	40 BLACK	4" TALL COVED, ROLLED	09 6500	4" COVED BASE
CONCRETE FINISH						
SC1	SEE SPEC				03 3000	SEALED CONCRETE
EPOXY FLOOR						
EF1	TENEMEC	DECO-FLECK	CREEK BED	1/16 INCH FLAKE SIZE WITH SLIP RESISTANT HIGH GLOSS FINISH	09 6700	CATERING PREP
PAINT						
P1	SHERWIN WILLIAMS	LOW VOC	SW7064 PASSIVE	SEMI GLOSS	09 9123	CATERING PREP WALLS AND CEILING
P2	SHERWIN WILLIAMS	LOW VOC	SW7010 WHITE DUCK	EGG SHELL	09 9123	GENERAL USE
P3	SHERWIN WILLIAMS	LOW VOC	SW7010 WHITE DUCK	SEMI GLOSS	09 9123	MECHANICAL AND STORAGE SPACES, WALL AND CEILING
P4	SHERWIN WILLIAMS	LOW VOC	MATCH EXISTING	MATCH EXISTING	09 9123	BRIDES ROOM, MATCH EXISTING TEXTURE.
WALL PROTECTION						
WP1	PANOLAM	FRP	GRAY FRP	EMBOSSSED FINISH, 48" TALL, U.N.O	06 8316	COLOR MATCHED DIVIDER AND END CAP, CLASS A



FIRST FLOOR FINISH PLAN



INTERIOR ELEVATION GENERAL NOTES

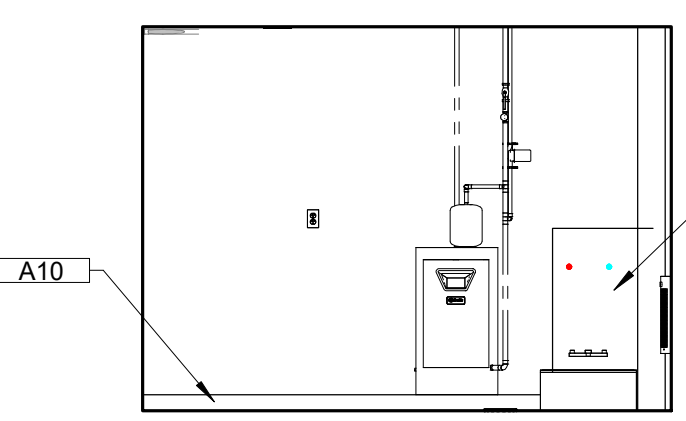
- ALL CABINETS ARE LOCKABLE. SEE SPECIFICATIONS FOR KEYING SCHEDULE.
- PROVIDE IN-WALL BLOCKING FOR WALL MOUNTED EQUIPMENT. COORDINATE WITH OWNER FOR FINAL LOCATIONS OF EQUIPMENT DESIGNATED AS OWNER FURNISHED.
- ALL PAPER TOWEL DISPENSERS ARE OWNER FURNISHED AND CONTRACTOR INSTALLED (OFC). PROVIDE IN-WALL BLOCKING FOR DISPENSERS TO BE AT GYPSUM BOARD WALLS.
- ALL SOAP DISPENSERS ARE OWNER FURNISHED AND INSTALLED (OFC). PROVIDE IN-WALL BLOCKING FOR DISPENSERS TO BE AT GYPSUM BOARD WALLS.
- INSTALL MARKER AND TACK BOARDS AT 2'-0" AFF TO BOTTOM OF BOARD UNLESS NOTED OTHERWISE.
- DETAIL REFERENCES FOR CABINETS ARE REFERENCED AT EACH CABINET TYPE. SEE CASEWORK LEGEND ON A200 FOR DESCRIPTION OF DESIGNATIONS AND A400 FOR ASSOCIATED CABINET DETAILS.
- ELECTRICAL DEVICES SHOWN ARE FOR REFERENCE. COORDINATE DEVICES WITH ELECTRICAL DRAWINGS. NOT ALL DEVICES ARE SHOWN. NOTIFY ARCHITECT OF CONFLICTS BETWEEN DEVICES AND ADJACENT CONSTRUCTION PRIOR TO INSTALLATION.
- EXPOSED CONDUIT AND PIPING ON WALLS ARE NOT PERMITTED UNLESS NOTED OTHERWISE. SURFACE MOUNTED CONDUIT OR PIPING IS REQUIRED TO BE COORDINATED WITH THE ARCHITECT PRIOR TO INSTALLATION. CONTRACTOR MAY BE REQUIRED TO RELOCATE ITEMS IF LAYOUT WAS NOT COORDINATED WITH ARCHITECT PRIOR TO INSTALLATION.
- SEE FINISH PLAN AND LEGEND FOR ALL FINISH INFORMATION. PROVIDE FINISHED END PANELS AND/OR END RETURNS AT ALL OPEN ENDED CABINETRY.

INTERIOR ELEVATION SYMBOLS LEGEND

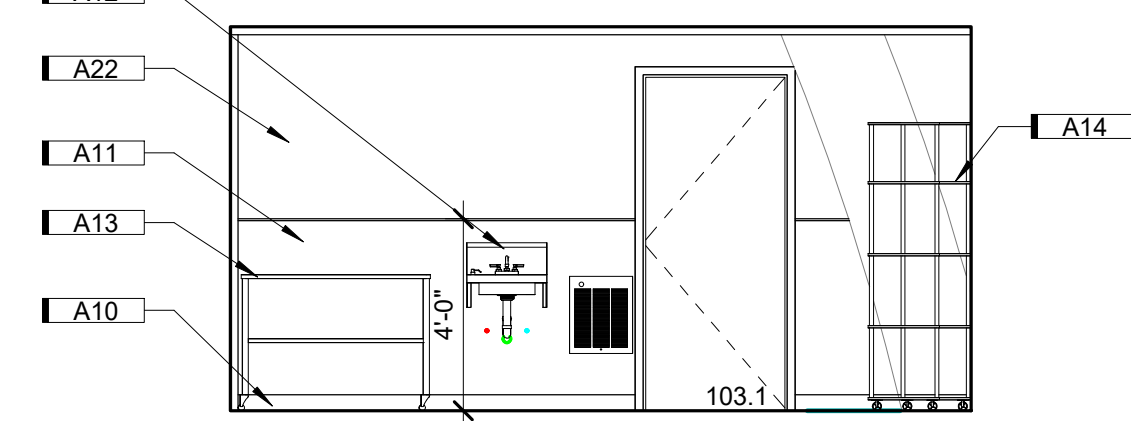
- GLAZED OPENING MARK
- WALL ACCENT DESIGNATION

KEYNOTES

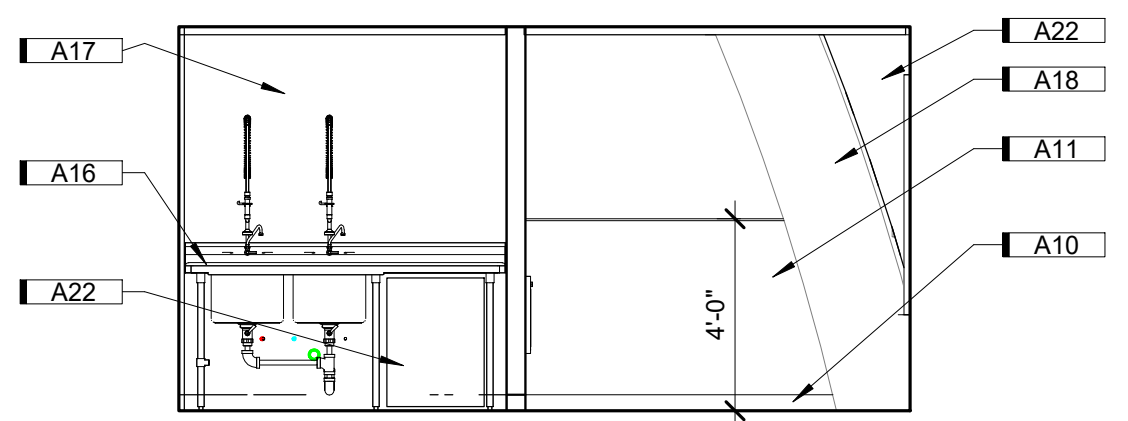
KEY	NOTE
A10	WALL BASE B1 - SEE FINISH LEGEND
A11	FIBERGLASS REINFORCED PANELING WP1 - SEE FINISH LEGEND
A12	HAND SINK - SEE F6 A101
A13	STAINLESS STEEL WORK TABLE (MOBILE) - SEE F6 A101
A14	WIRE SHELVING - SEE F6 A101
A15	MOP SINK - SEE PLUMBING PLAN
A16	STAINLESS STEEL SINK TABLE - SEE F6 A101
A17	FRP-1 PANEL INSTALL FROM FLOOR TO CEILING.
A18	BELT SAND COLUMNS SMOOTH, PAINT COLUMN WITH P1 - SEE FINISH LEGEND
A19	REACH-IN REFRIGERATOR - SEE F6 A101
A20	REACH-IN REFRIGERATOR - SEE F6 A101
A21	REACH-IN FREEZER - SEE F6 A101
A22	WALL TO BE PAINTED WITH P1 - SEE FINISH LEGEND
A24	EXISTING ELECTRICAL PANELS - SEE ELECTRICAL DRAWINGS



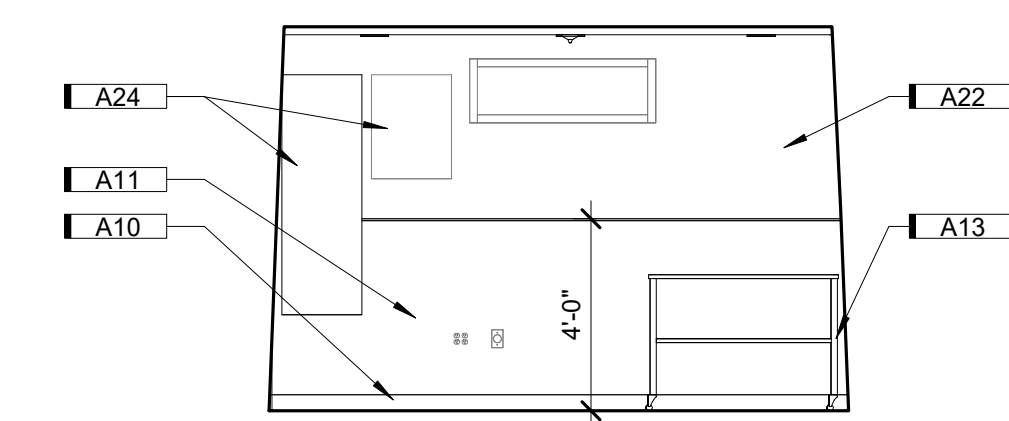
A2 MECHANICAL ROOM
1/4" = 1'-0" 0" 6"



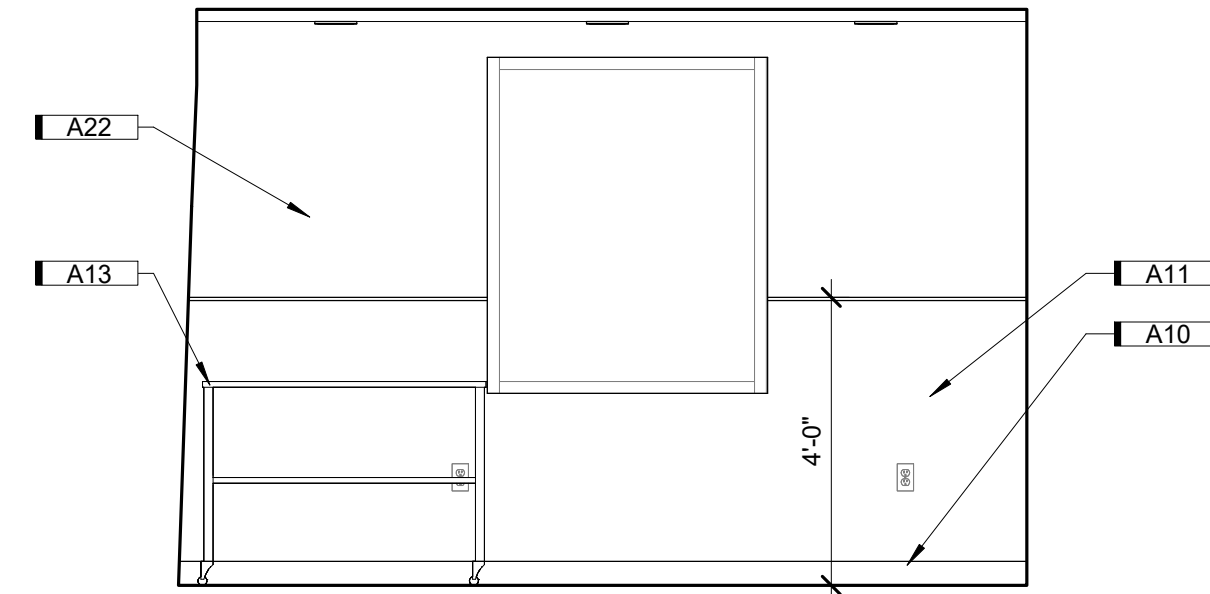
B2 CATERING PREP AT GRID 08
1/4" = 1'-0" 0" 6"



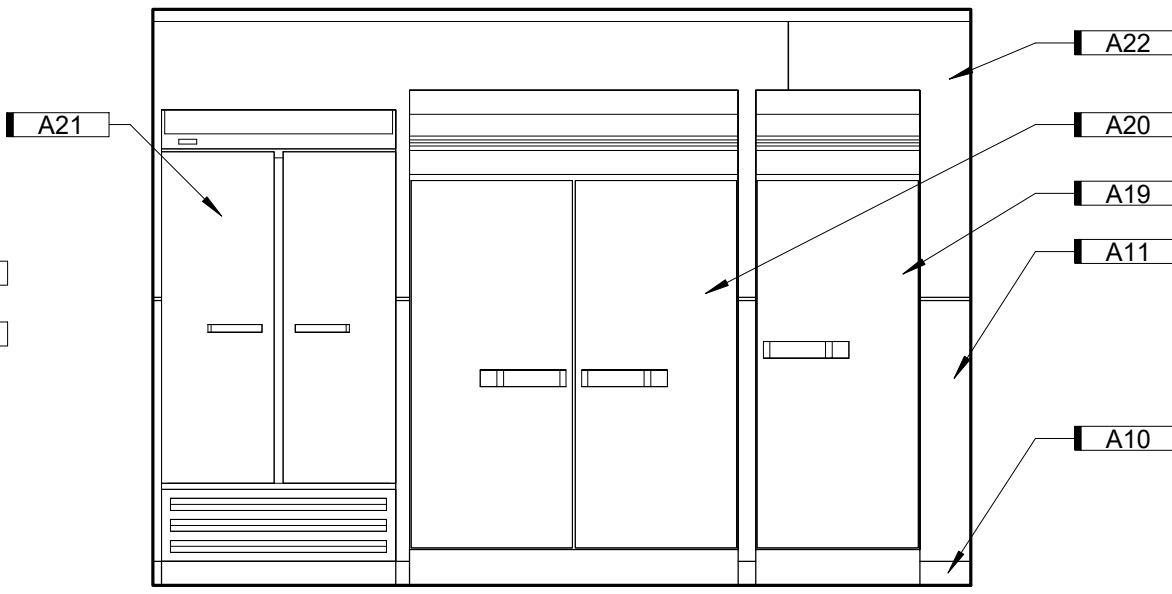
D2 CATERING PREP GRID 09- DISH SINK
1/4" = 1'-0" 0" 6"



E2 CATERING PREP NORTH ELEVATION 01
1/4" = 1'-0" 0" 6"

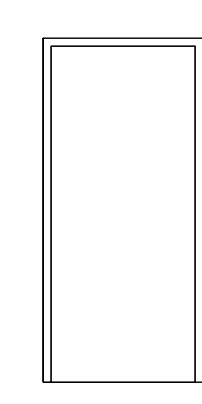


A3 CATERING PREP NORTH ELEVATION 02
3/8" = 1'-0" 0" 4"

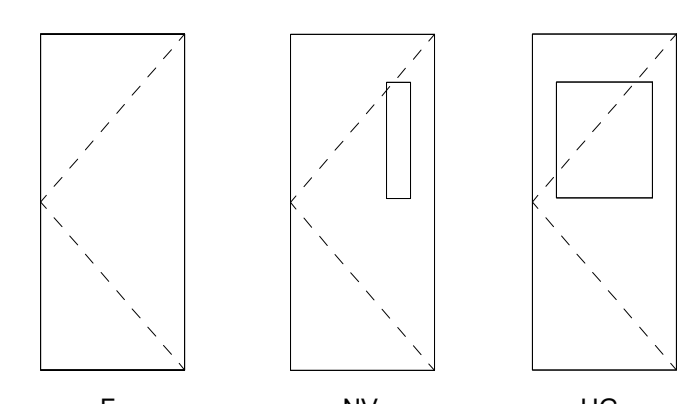


B3 CATERING PREP SOUTH ELEVATION
3/8" = 1'-0" 0" 4"

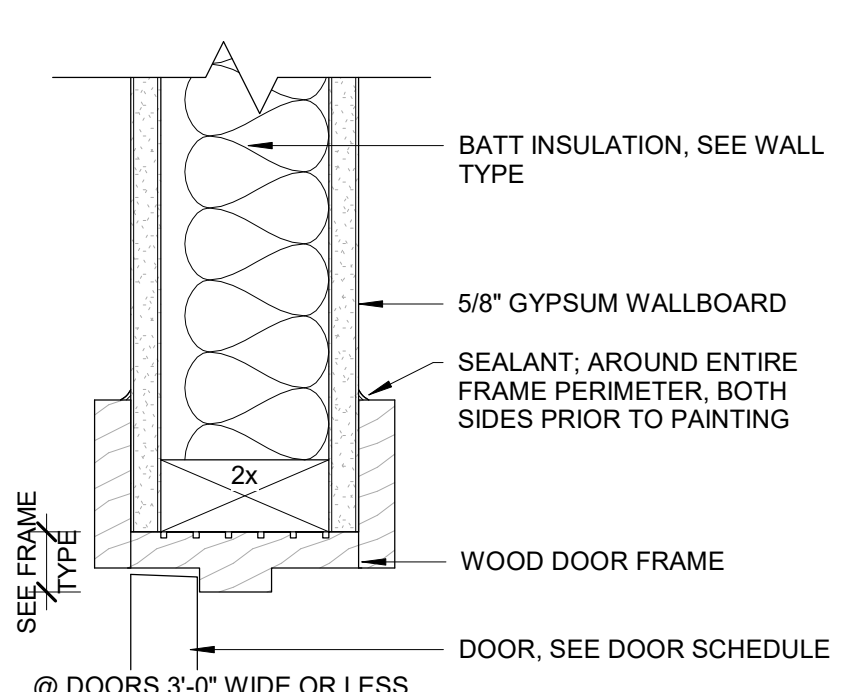
MARK	ROOM NAME	OPENING SIZE		DOOR			FRAME		RATING	REMARKS
		WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	TYPE	MATERIAL		
101	OFFICE	3'-0"	7'-0"	1 3/4"	F	WD	01	WD		
101.1	STOR.	2'-6"	7'-0"	1 3/4"	F	WD	01	WD		
102	STORAGE	3'-0"	7'-0"	1 3/4"	F	WD	01	WD		
103.1	MECH	3'-0"	7'-0"	1 3/4"	F	WD	01	WD		
103A	CATERING PREP	3'-0"	7'-0"	1 3/4"	NV	WD	01	WD		
103B	CATERING PREP	3'-0"	7'-0"	1 3/4"	NV	WD	01	WD		
104	OFFICE	3'-0"	7'-0"	1 3/4"	HG	WD	01	WD		
105	BRIDE'S ROOM	3'-0"	7'-0"	1 3/4"	F	WD	01	WD		



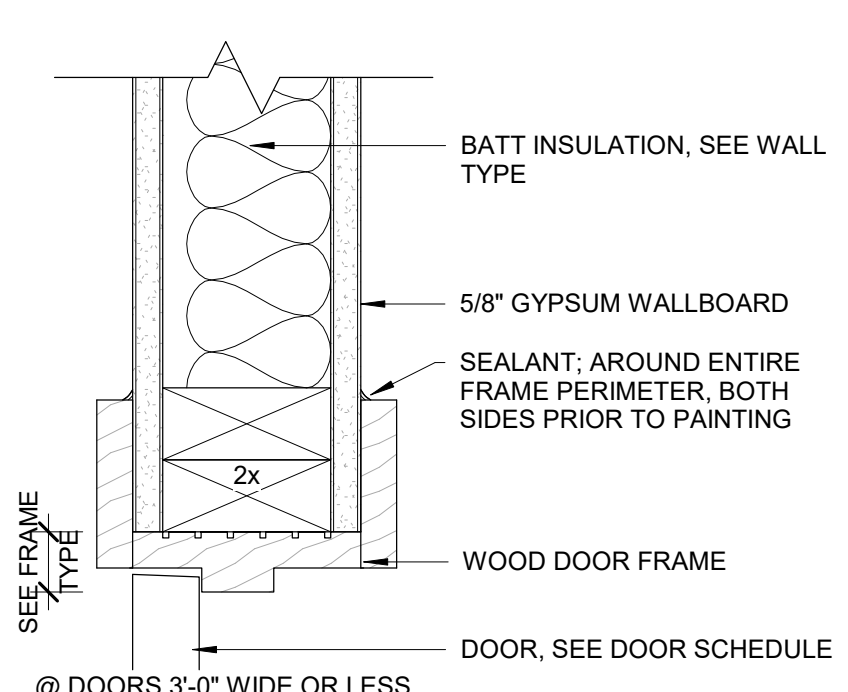
DOOR FRAME ELEVATION
1/4" = 1'-0" 0" 6"



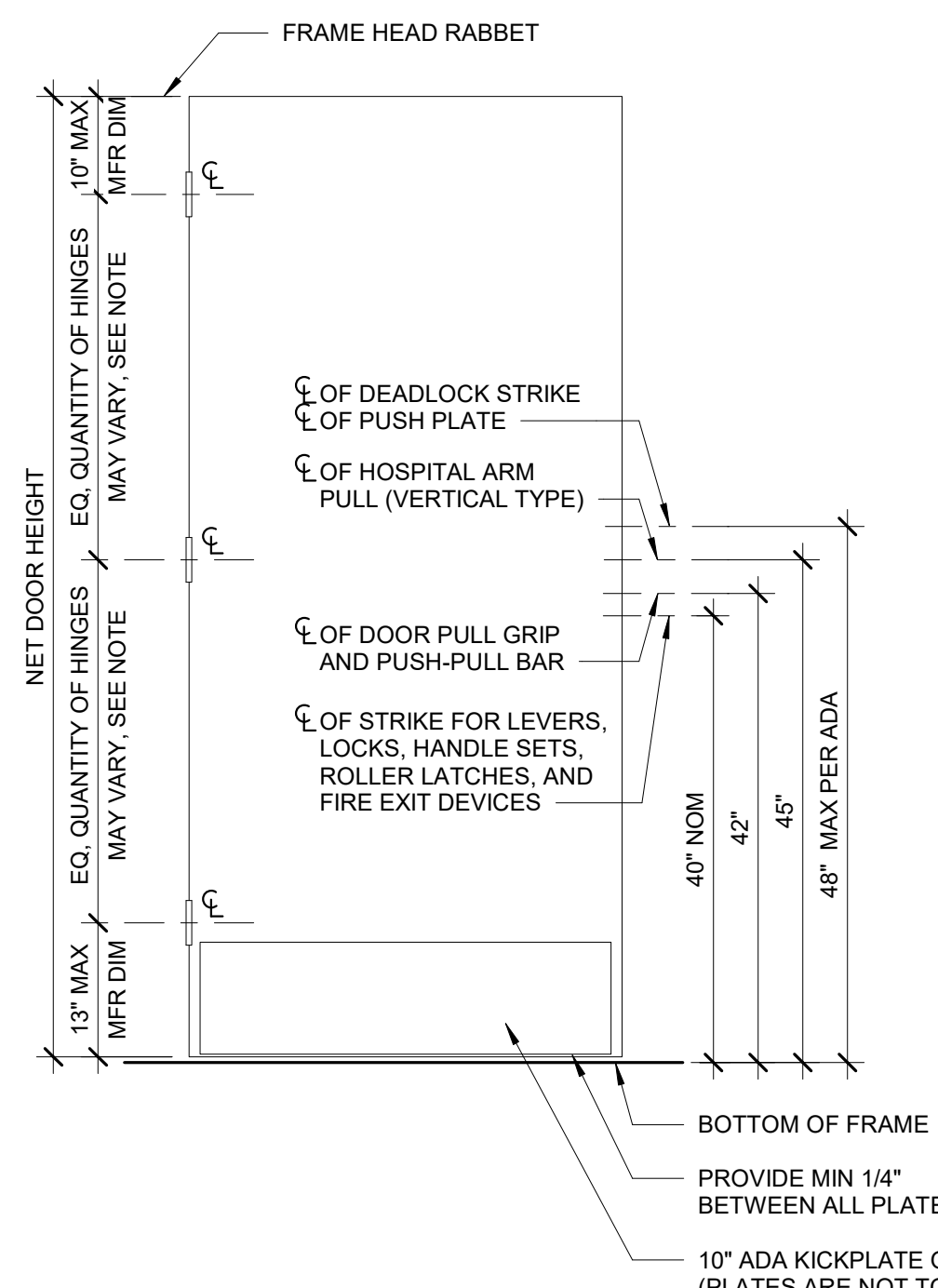
DOOR PANEL ELEVATIONS
1/4" = 1'-0" 0" 6"



A6 HEAD - WD - WOOD STUD
3" = 1'-0" 0" 6"

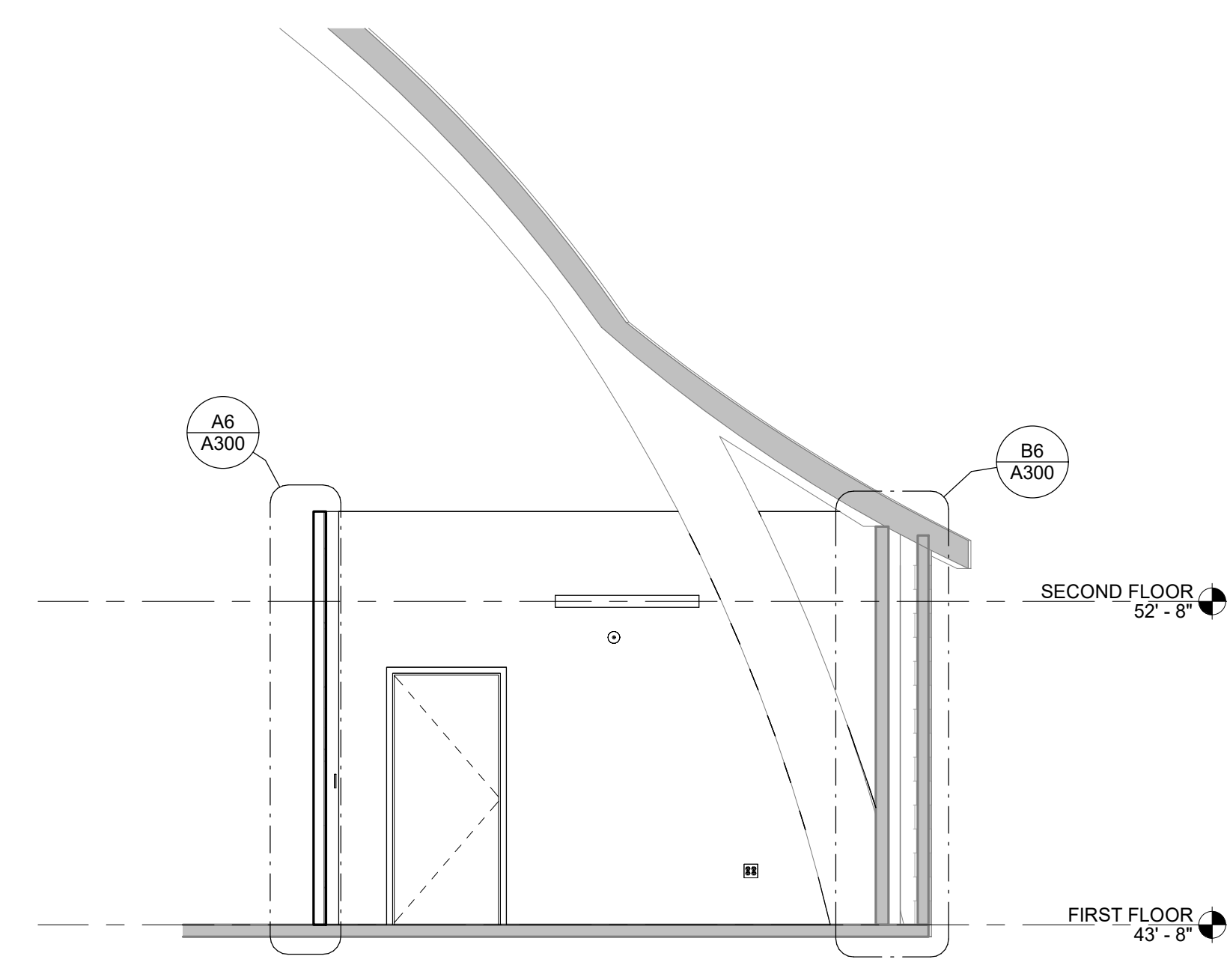


B6 JAMB - WD - WOOD STUD
3" = 1'-0" 0" 6"

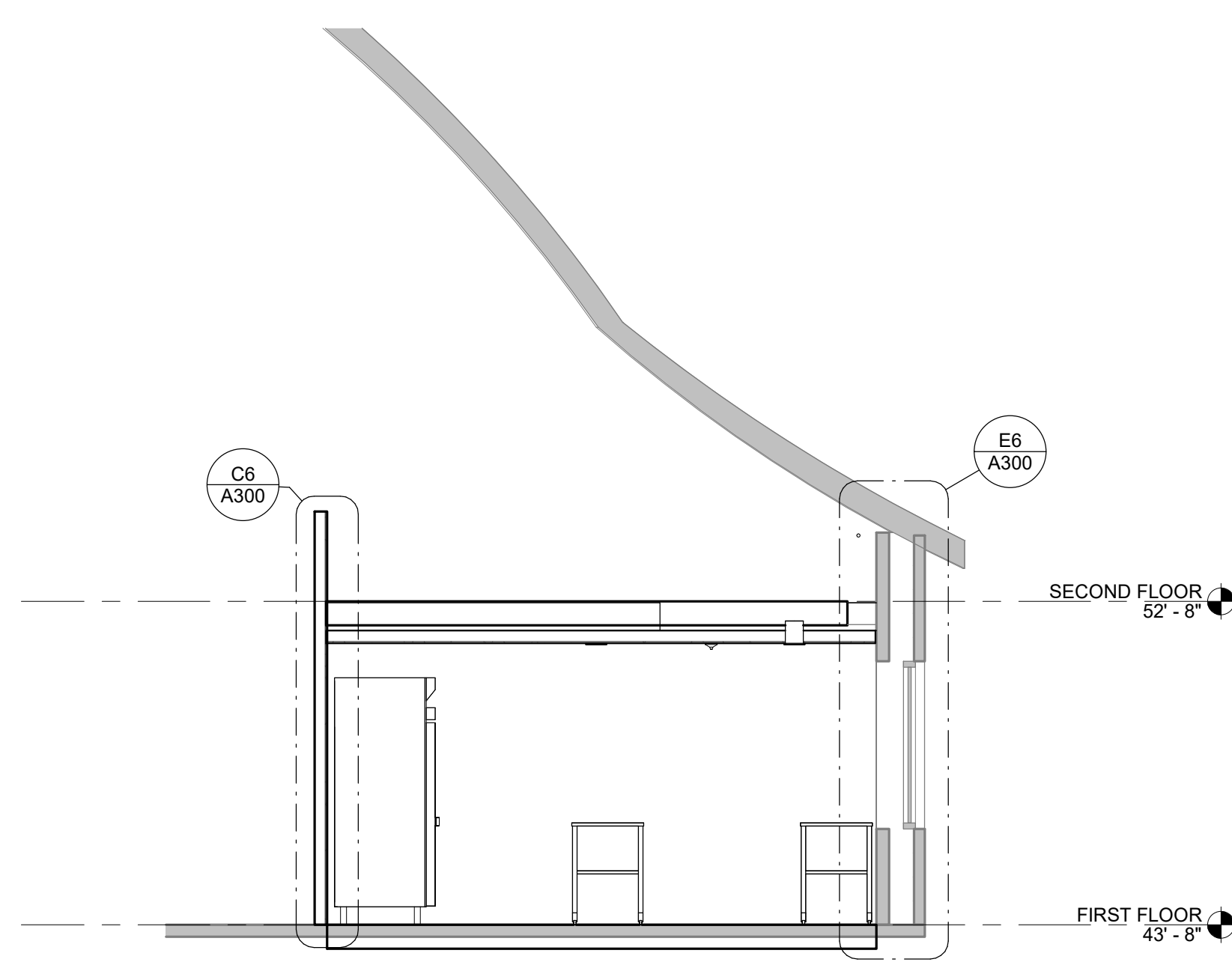


C6 DOOR HARDWARE LOCATION
3/4" = 1'-0" 0" 2"

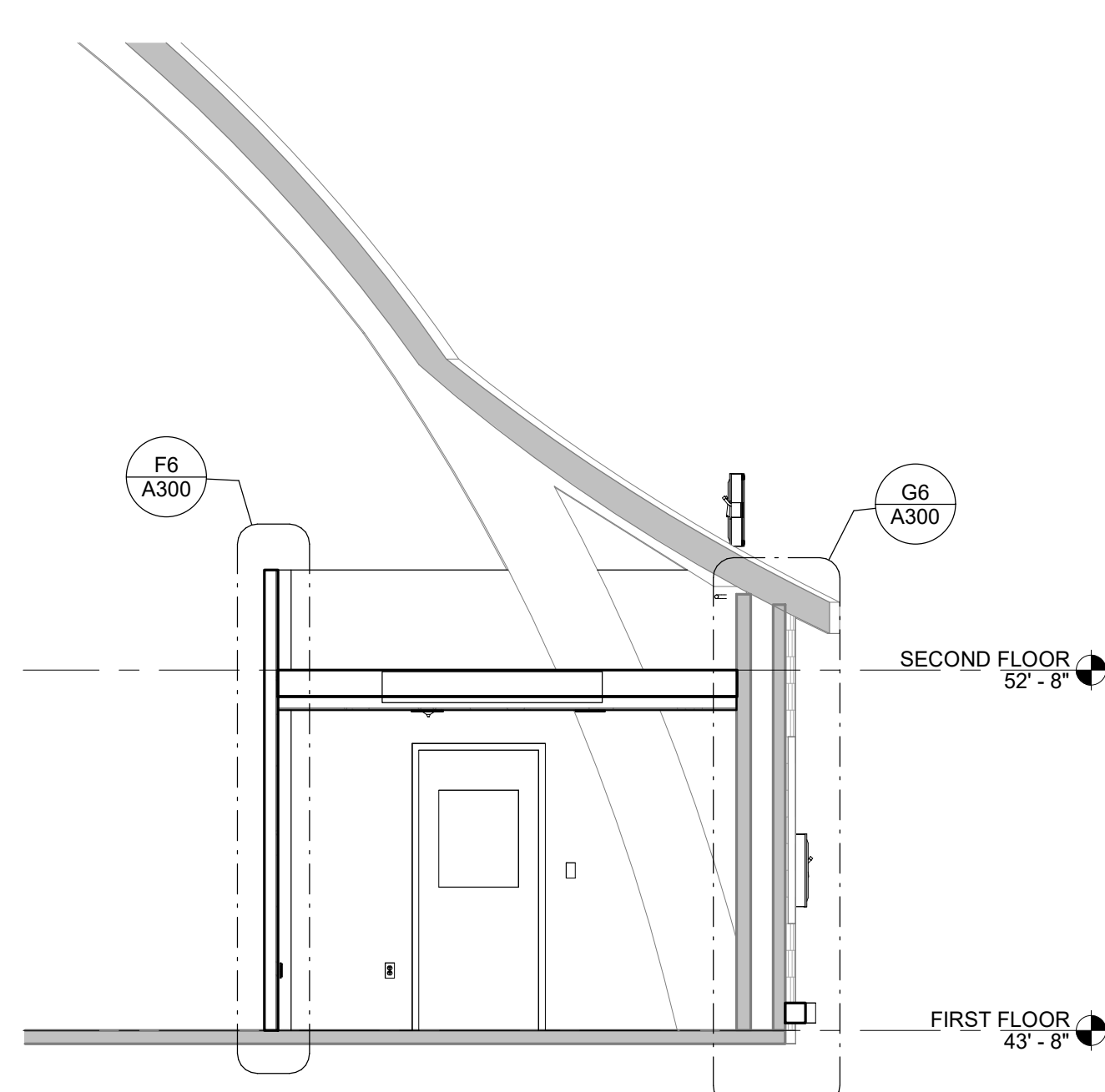
- NOTES**
- INFORMATION IS FOR REFERENCE ONLY. REVISIONS PER MANUFACTURER AND LOCAL CODE VARIATIONS ARE TO BE SUBMITTED FOR REVIEW AND FINAL APPROVAL. SEE OPENING DETAILS FOR VARIATIONS.
 - USE (3) HINGES FOR DOORS UP TO AND INCLUDING 7'-6". ADD (1) HINGE FOR EACH 2'-6" IN HEIGHT OR FRACTION THEREOF AND FOR DOORS GREATER THEN 3'-4" IN WIDTH. EXTEND DOOR OPENING JAMBS AND DOOR DOOR MULS 1/8" BELOW FINISH FLOOR LEVEL WHEN FLOOR FINISH IS TO BE INSTALLED AFTER FRAME.
 - ALL OPERATING HARDWARE SHALL BE MOUNTED BETWEEN 30" AND 48" ABOVE FINISHED FLOOR UNLESS OTHERWISE DIRECTED BY APPLICABLE CODES.
 - DOOR CLEARANCE**
 - 1/8" @ HEAD, JAMBS & THRESHOLDS
 - 1/4" TO CARPET
 - 1/2" TO FINISH FLOOR OTHER THAN CARPET



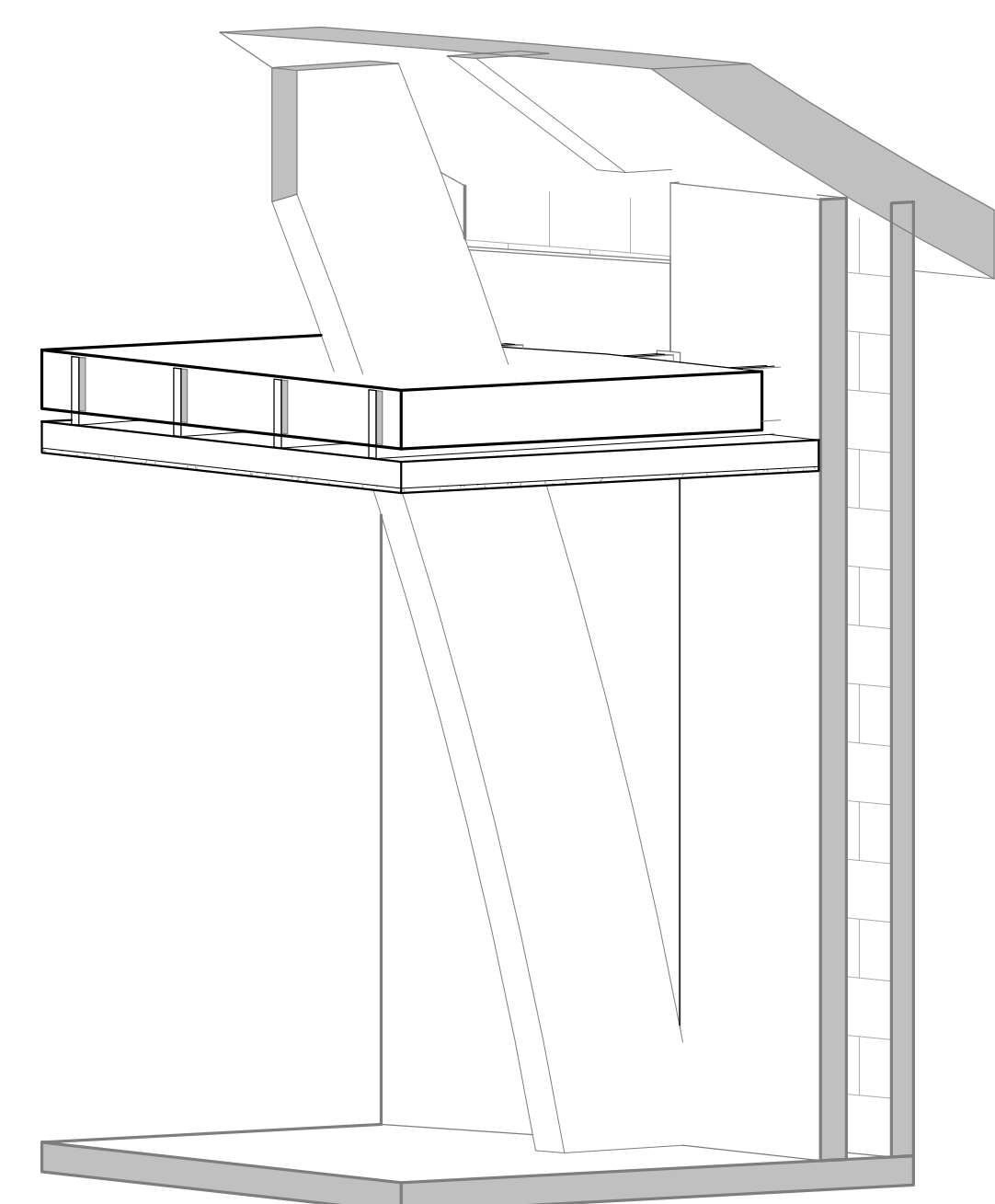
A3 NORTHWEST - SOUTHEAST BUILDING SECTION - OFFICE 105
1/4" = 1'-0" 0' 6"



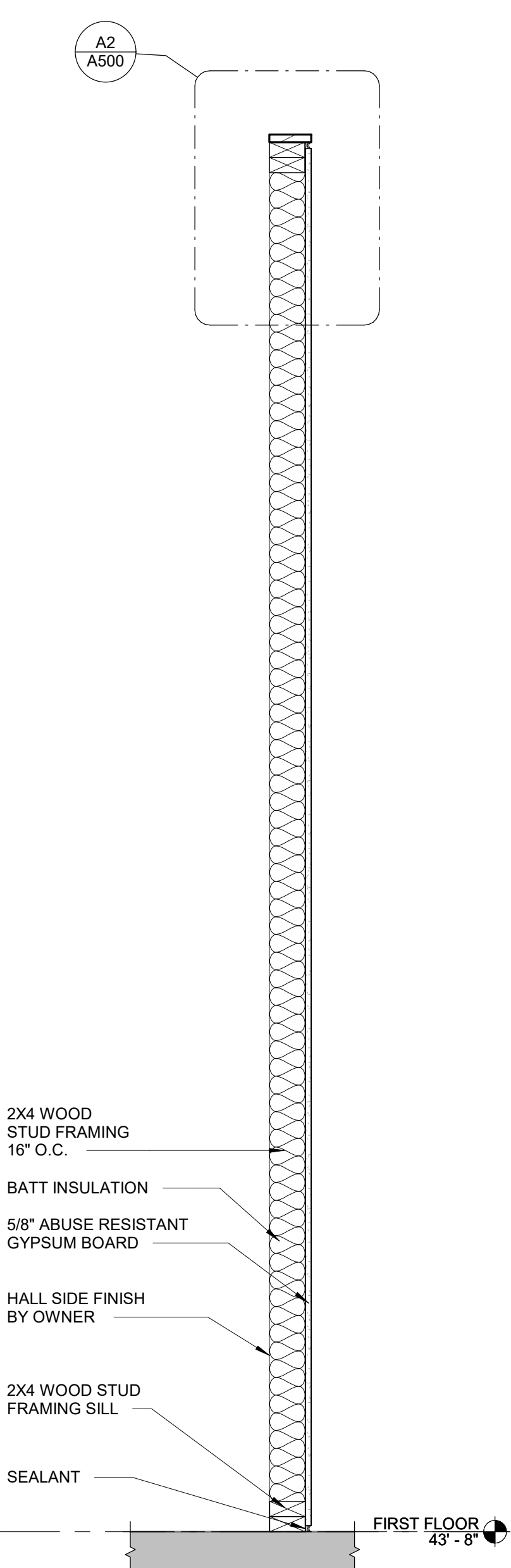
C3 NORTH - SOUTH BUILDING SECTION - KITCHEN
1/4" = 1'-0" 0' 6"



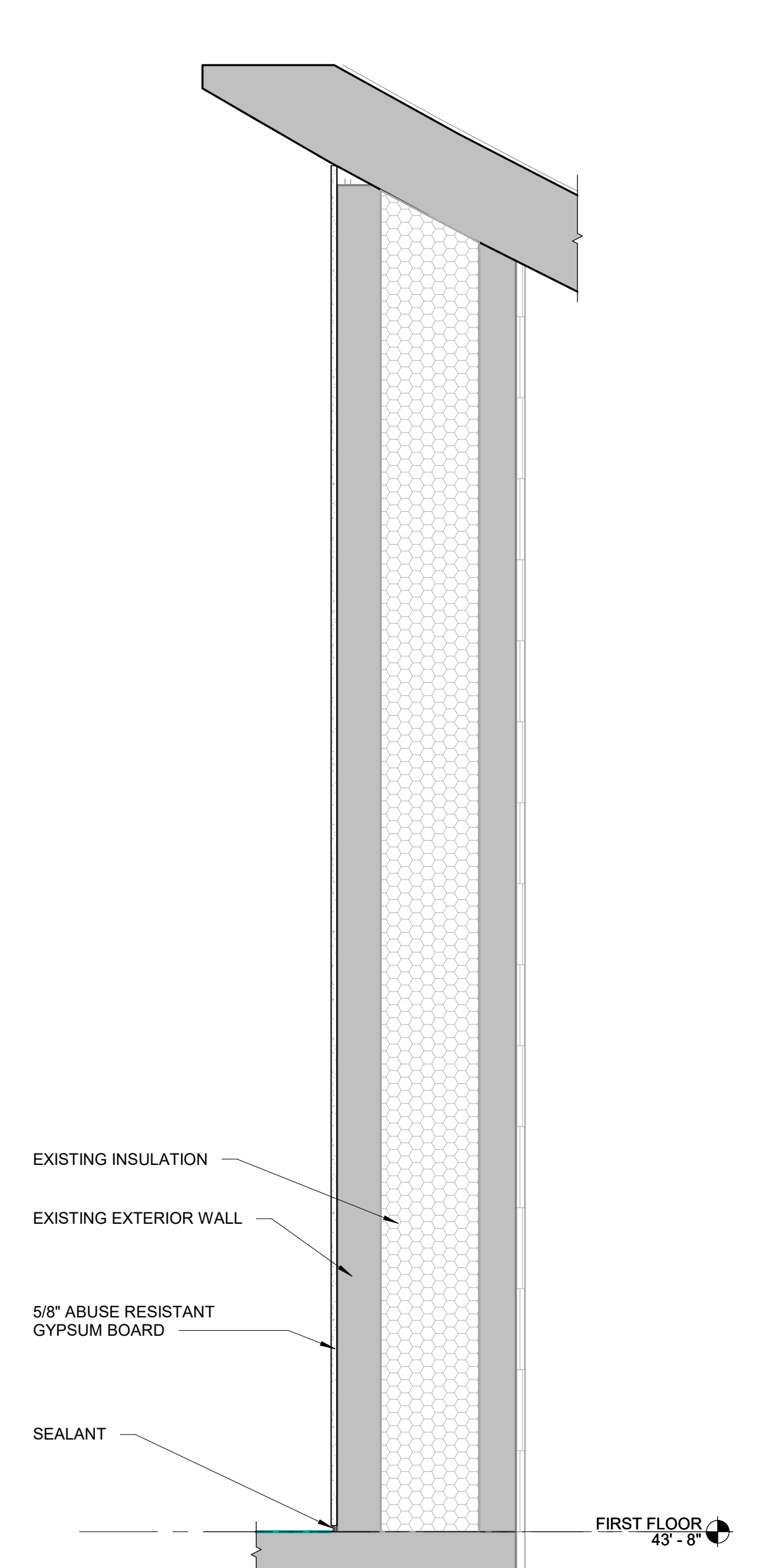
E3 NORTHEAST - SOUTHWEST BUILDING SECTION - OFFICE
1/4" = 1'-0" 0' 6"



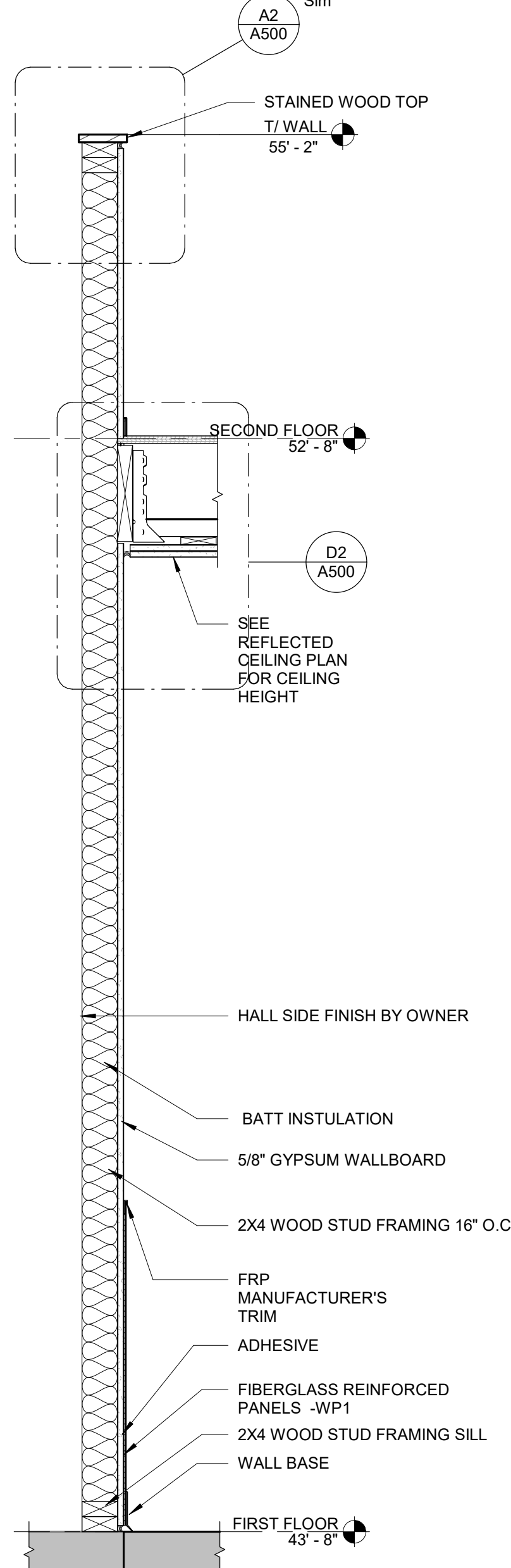
G3 3D VIEW - SHOWN FOR REFERENCE
NOT TO SCALE



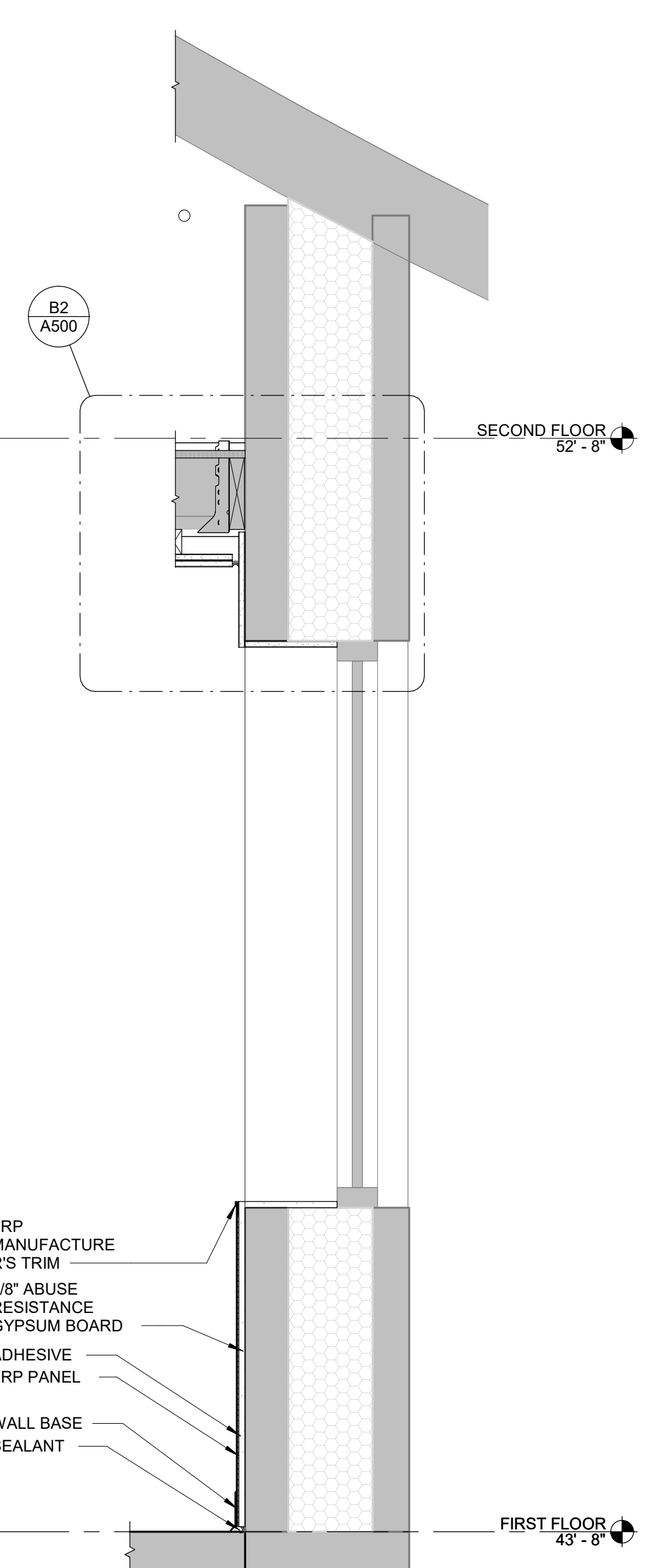
A6 INTERIOR WALL SECTION - OFFICE 105
1" = 1'-0" 0' 1'-6"



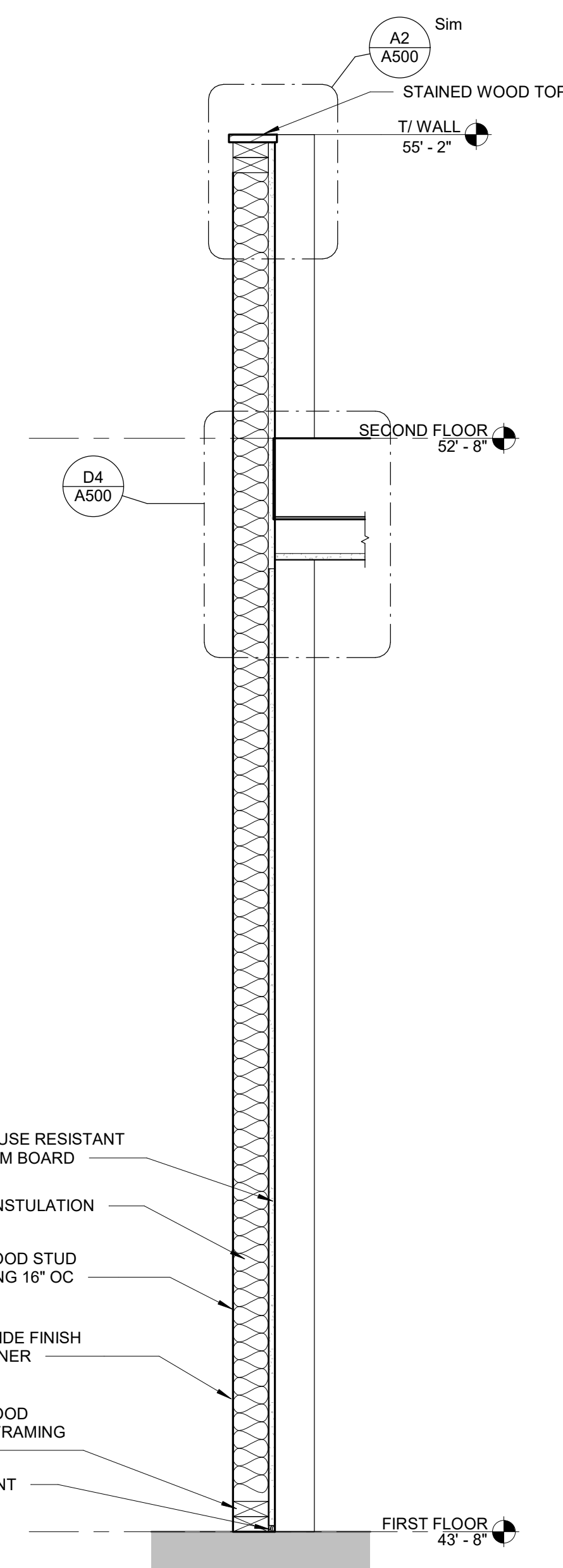
B6 EXTERIOR WALL SECTION - OFFICE 105
1" = 1'-0" 0' 1'-6"



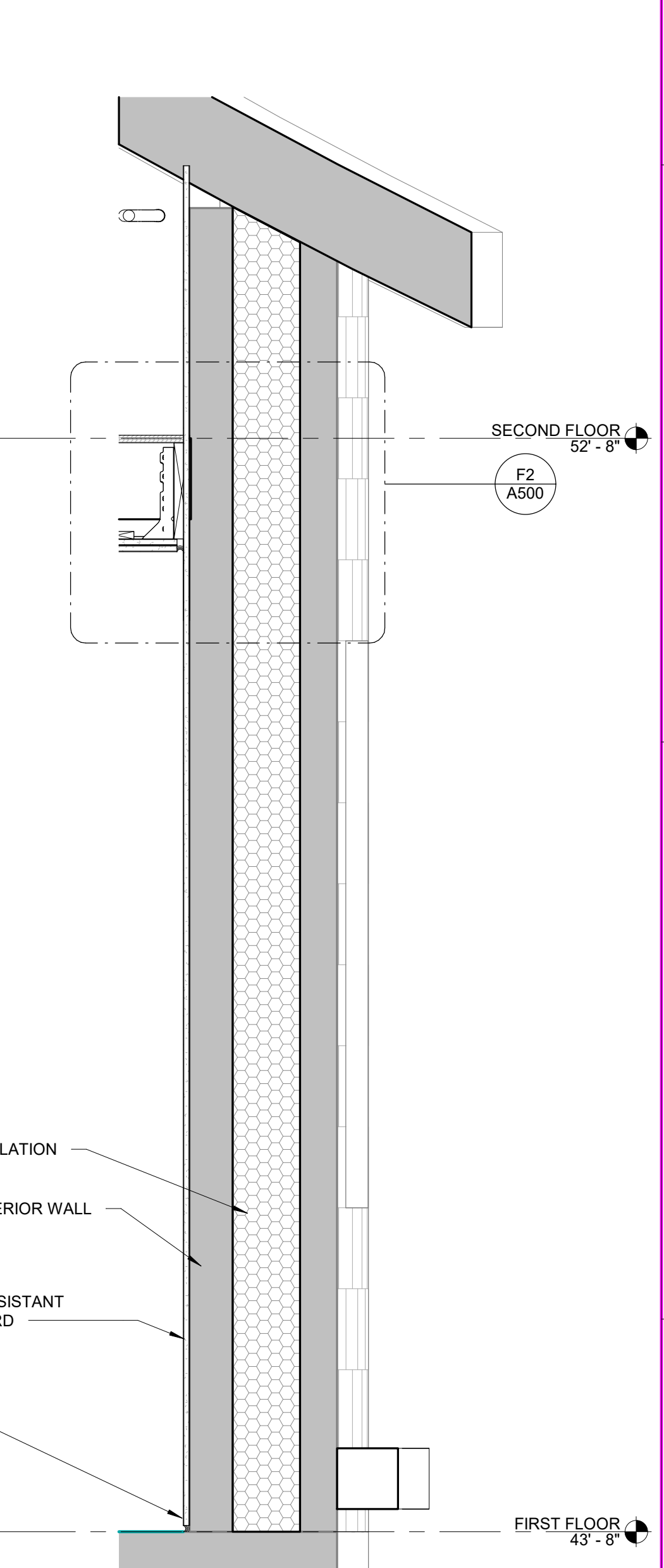
C6 INTERIOR WALL SECTION AT CATERING PREP
1" = 1'-0" 0' 1'-6"



E6 EXTERIOR WALL SECTION AT WINDOW SILL
1" = 1'-0" 0' 1'-6"



F6 INTERIOR WALL SECTION - OFFICE
1" = 1'-0" 0' 1'-6"

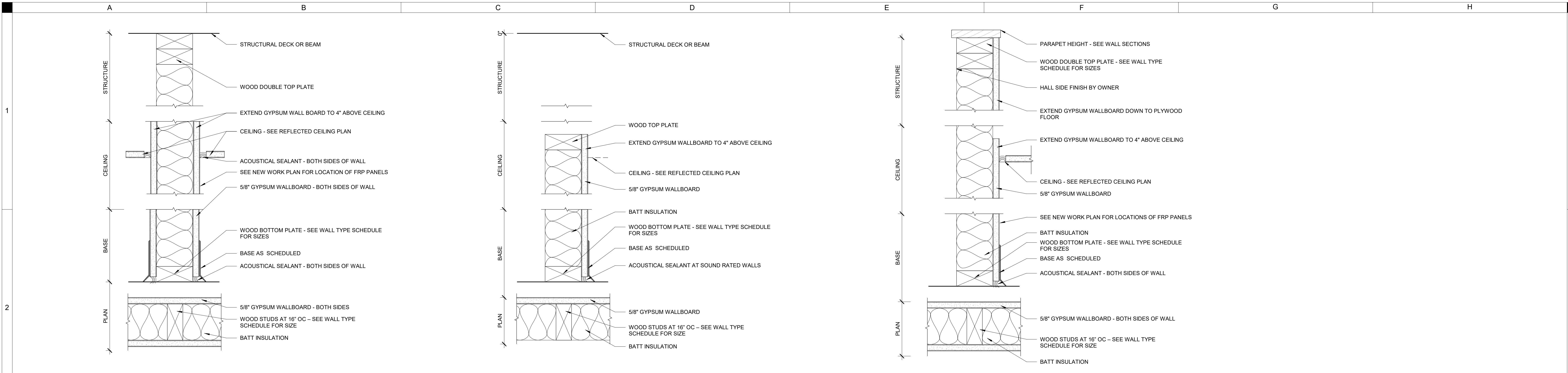


G6 EXTERIOR WALL SECTION - OFFICE
1" = 1'-0" 0' 1'-6"

SECTION AND WALL SECTIONS	KUH	MAO	CONSTRUCTION	ISSUE DATE	PROJECT NUMBER
				02-05-2025	2240009000

DRAWN BY	KJH
APPROVED BY	MAO
ISSUED FOR	CONSTRUCTION
ISSUE DATE	02-05-2025
PROJECT NUMBER	2240009000

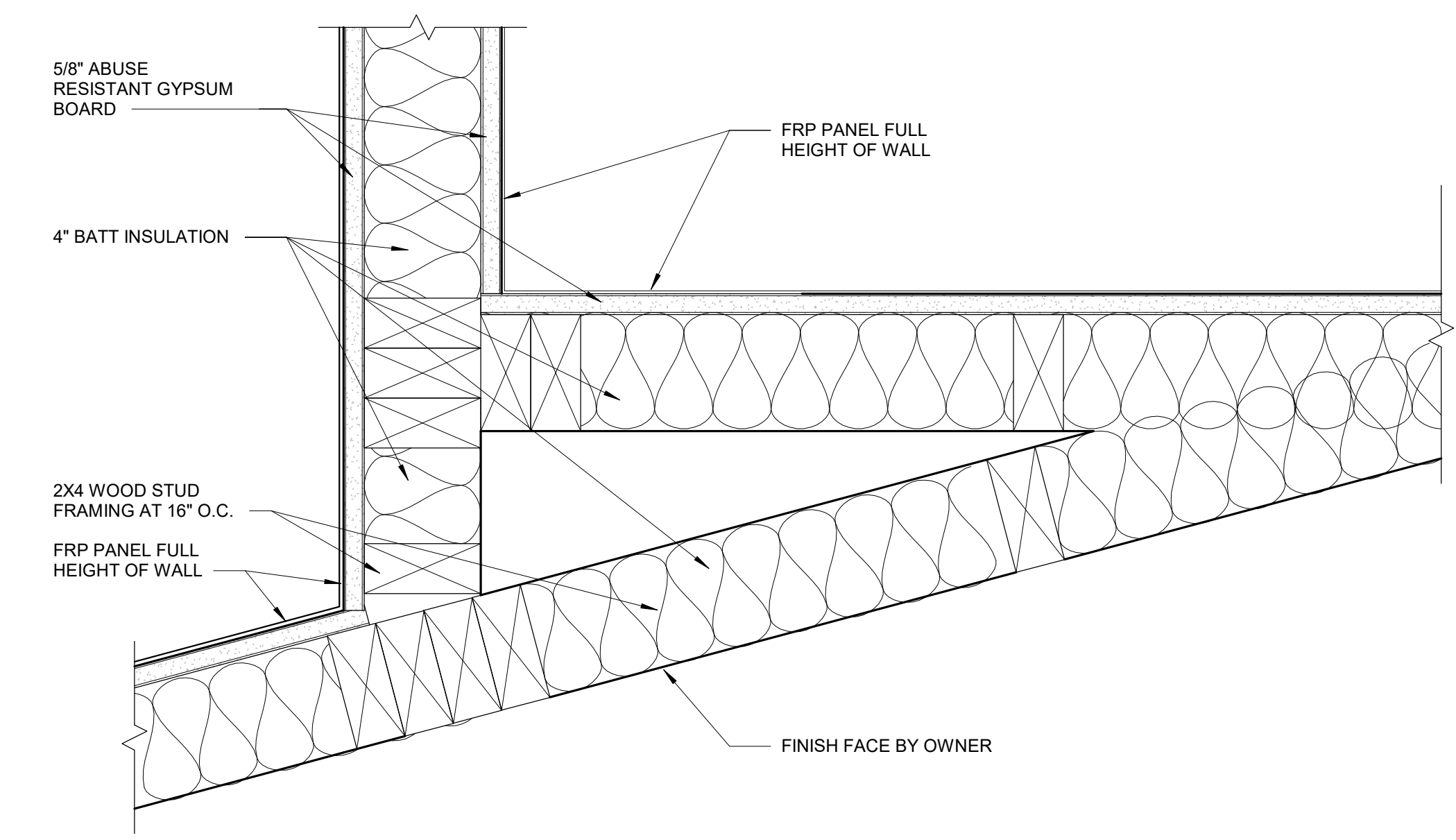
INTERIOR PARTITION INFORMATION AND DETAILS



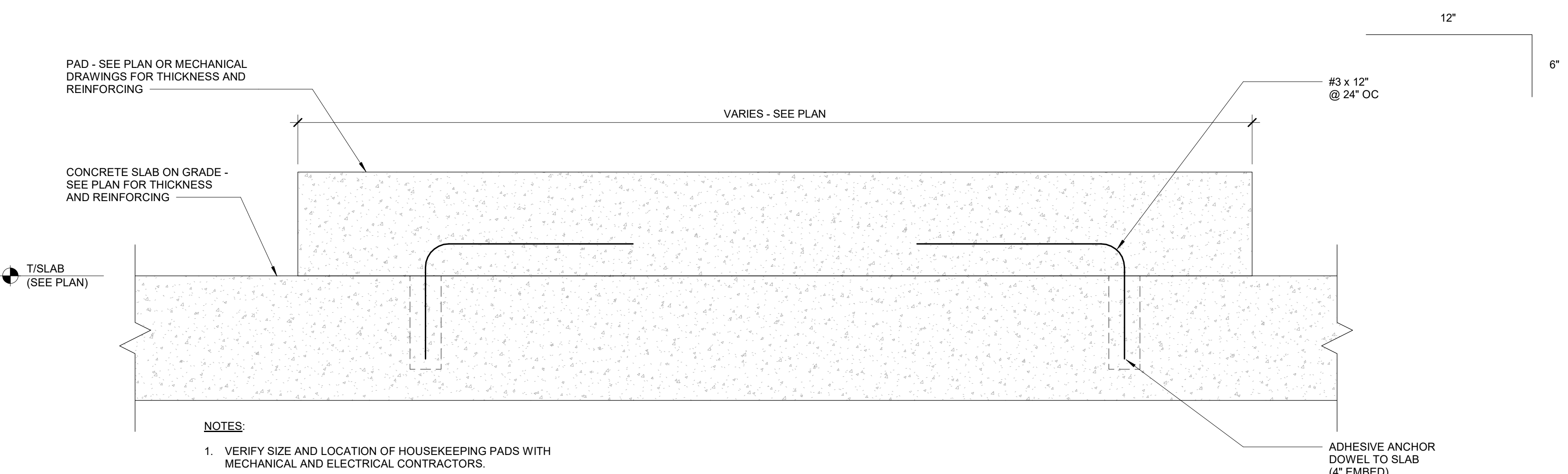
WALL TYPE W#A- 11
3" = 1'-0"

WALL TYPE W#B- 01
3" = 1'-0"

WALL TYPE W#D- 11
3" = 1'-0"



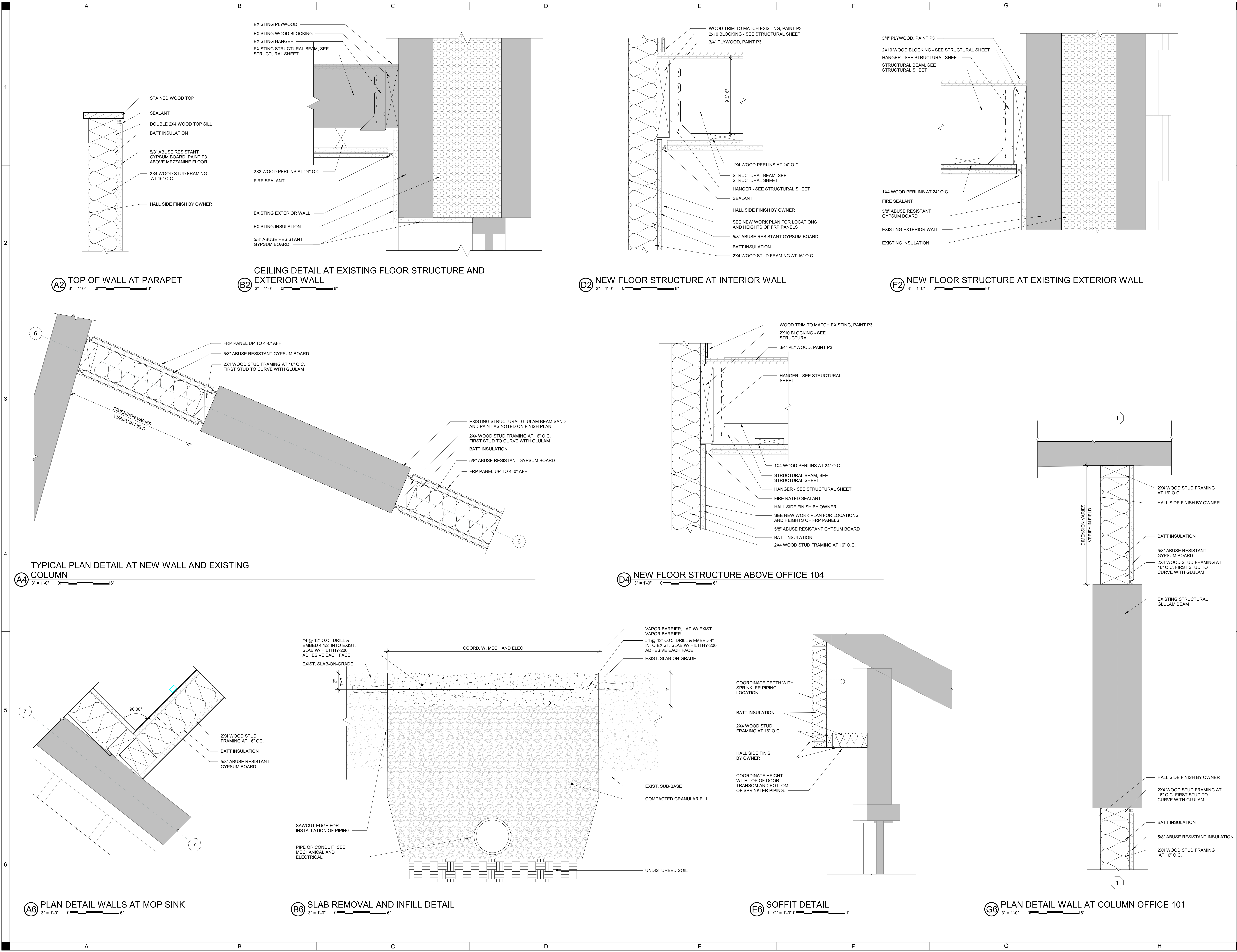
A4 PLAN DETAIL AT CATERING PREP CHASE
3" = 1'-0"



NOTES:
1. VERIFY SIZE AND LOCATION OF HOUSEKEEPING PADS WITH MECHANICAL AND ELECTRICAL CONTRACTORS.

A6 TYPICAL HOUSEKEEPING PAD
3" = 1'-0"

DRAWN BY	KJH
APPROVED BY	MAO
ISSUED FOR	CONSTRUCTION
ISSUE DATE	02-05-2025
PROJECT NUMBER	2240009800



Autodesk Revit 2024

1

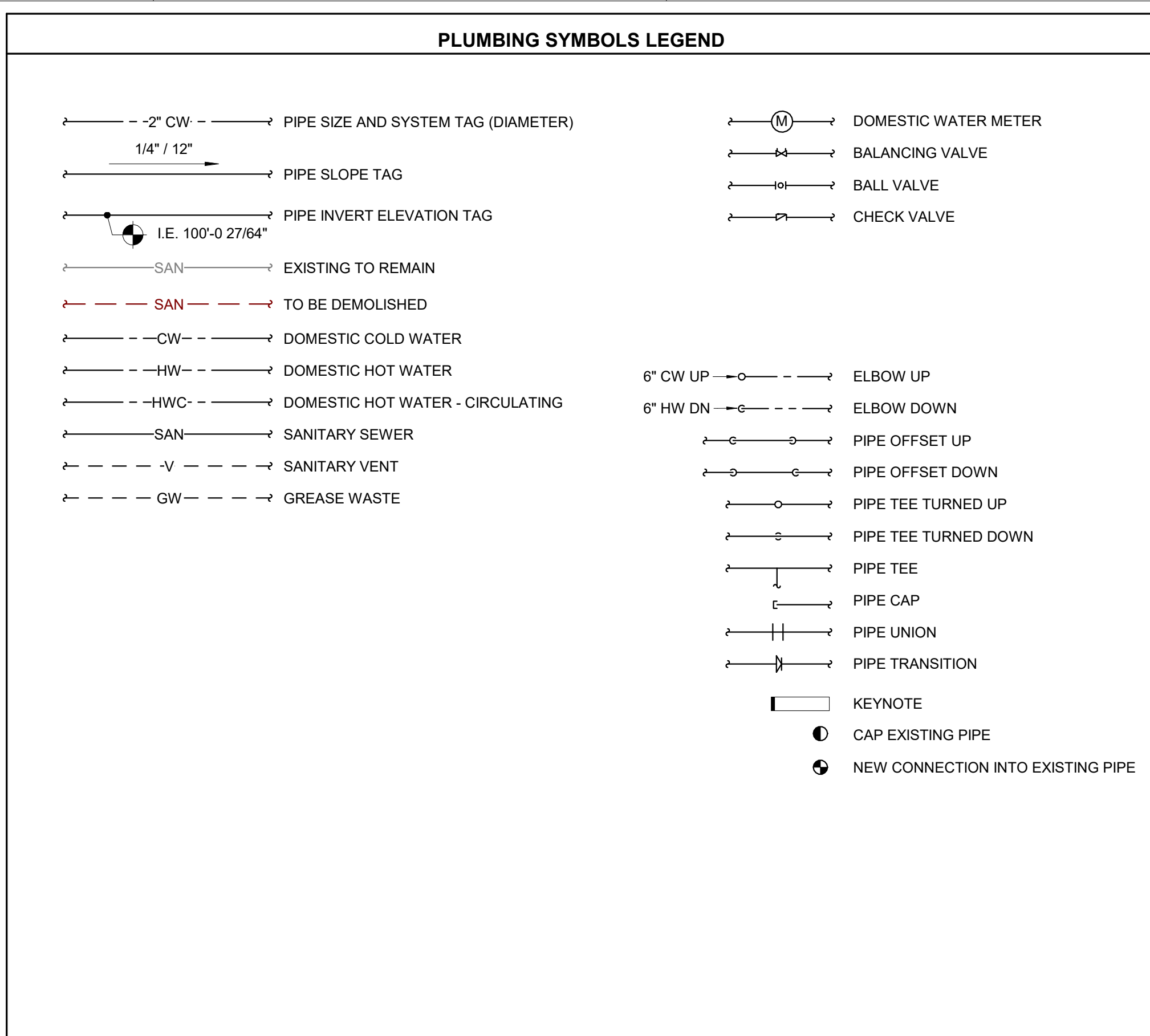
2

3

4

5

6



PLUMBING DEMOLITION

1. THIS DRAWING DIAGRAMMATICALLY REPRESENTS THE LAYOUT OF EXISTING CONDITIONS WITH MAJOR PLUMBING COMPONENTS. THEY ARE NOT INTENDED TO SHOW ACCESSORIES OR INCIDENTALS COMMON TO EQUIPMENT INDICATED, THOUGH THESE ITEMS ARE TO BE REMOVED. ACCESSIBILITY TO DEMOLITION ITEMS SHALL NOT BE INFERRED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF BUILDING AND EXISTING CONDITIONS, PRIOR TO BID SUBMISSION.
2. EXISTING PIPING PENETRATIONS VACATED/REVEALED DURING DEMOLITION AND REMODEL SHALL BE INFILLED AND FINISHED TO MATCH EXISTING. IF MATERIALS FOR REPAIR TO MATCH EXISTING ARE NOT AVAILABLE (IE GLAZED WALL TILE), GROUT ABANDONED PENETRATION FULL AND FINISH FLUSH. PRIOR APPROVAL OF THE OWNER MUST BE OBTAINED BEFORE ANY PROPOSED NON-SIMILAR FINISH WORK BEGINS.
3. DISCONNECT AND REMOVE ALL PREVIOUSLY ABANDONED PIPING WITHIN THE PROJECT AREA. REMOVE EXISTING/ABANDONED HANGERS AND SUPPORTS IF DEEMED NOT REUSABLE.
4. ALL PIPING SHOWN IS BASED ON LIMITED SITE OBSERVATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR DRAINING PIPING SYSTEMS TO BE CUT, CAPPED OR REMOVED. DISCHARGE FROM SUCH SYSTEMS SHALL BE APPROPRIATELY DISPOSED OF PER FEDERAL, STATE AND LOCAL REQUIREMENTS.
6. COORDINATE WITH GENERAL CONTRACTOR FOR FLOOR, WALL AND ROOF PATCHING REQUIRED DUE TO PENETRATIONS RESULTING FROM DEMOLITION OF EXISTING AND INSTALLATION OF NEW EQUIPMENT AND COMPONENTS.
7. OWNER SHALL HAVE FIRST SALVAGE RIGHTS TO ALL REMOVED EQUIPMENT AND MATERIALS. UNLESS NOTED OTHERWISE, CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER AND TIMELY DISPOSAL OF ALL CONSTRUCTION DEBRIS INCLUDING BUT NOT LIMITED TO EQUIPMENT AND MATERIALS NOT CLAIMED BY OWNER TO AN EPA APPROVED, ENVIRONMENTALLY RESPONSIBLE, RECYCLE FACILITY OR LANDFILL.

PLUMBING

1. UNLESS NOTED OTHERWISE, LIGHT LINES DENOTE EXISTING PIPING, OR EQUIPMENT WHICH IS TO REMAIN. BOLD LINES INDICATE NEW WORK TO BE INSTALLED UNDER THIS CONTRACT.
2. PLUMBING SHOWN IS IN SCHEMATIC FORM. NOT ALL RISERS AND DROPS ARE SHOWN. PROVIDE OFFSETS AS REQUIRED TO MEET SPACE REQUIREMENTS AND TO AVOID INTERFERENCE WITH OTHER TRADES. THE CONTRACTOR SHALL PROVIDE COMPLETE FULLY FUNCTIONAL SYSTEMS.
3. PROVIDE ACCESSIBLE ISOLATION VALVES AT ALL BRANCH CONNECTIONS TO MAINS AND PIPING FIXTURE GROUPS. COORDINATE VALVE LOCATIONS WITH ACCESSIBLE CEILING.
4. REFER TO PLUMBING FIXTURE ROUGH-IN SCHEDULE FOR CONNECTION SIZES AT INDIVIDUAL FIXTURES.
5. PROVIDE WATER HAMMER ARRESTORS FOR EACH NEW PLUMBING FIXTURE OR GROUP OF FIXTURES. SIZE AND LOCATION REQUIREMENTS SHALL BE AS PER PDI STANDARD PDI-WH-201.
6. ALL EQUIPMENT AND ACCESSORIES SHALL BE INSTALLED TO BE EASILY ACCESSIBLE.
7. PLUMBING WORK SHALL BE COORDINATED WITH OTHER TRADES, INCLUDING BUT NOT LIMITED TO DUCTWORK, ELECTRICAL EQUIPMENT, PIPING AND FIRE PROTECTION. SPACE ABOVE CEILING IS LIMITED AND SHALL BE COORDINATED WITH OTHER TRADES.
8. ALL WORK WITHIN THE CONTRACT DOCUMENTS, WHICH INCLUDE THIS DRAWING, SHALL BE COMPLETED IN A SAFE WORKMANLIKE MANNER AND IN ACCORDANCE WITH ALL APPLICABLE STATE, LOCAL AND NATIONAL CODES, REGULATIONS AND ORDINANCES. IF ANY CONFLICTS ARISE BETWEEN THE CONTRACT DOCUMENTS AND THE APPLICABLE CODES, REGULATIONS OR ORDINANCE, THE CONTRACTOR SHALL BE RESPONSIBLE TO HAVE ALL WORK CONFORM TO THE STRICTER OF SAID REQUIREMENTS.
9. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS AS REQUIRED FOR ELECTRICAL, FIRE PROTECTION, PLUMBING, MECHANICAL AND BACKFLOW PREVENTION INSTALLATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE BOTH A COMPLETE AND COMPLIANT INSTALLATION AS MAY BE DETERMINED BY THE AUTHORITY(IES) HAVING JURISDICTION.
10. CONTRACTOR SHALL NOT PROCURE OR FABRICATE ANY PIPING OR EQUIPMENT WITHOUT FIRST VERIFYING ALL DIMENSIONS AND CONDITIONS WHETHER CURRENTLY EXISTING OR NOT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK, INCLUDING ANY REQUIRED REWORK.
11. MAINTAIN ALL MANUFACTURER RECOMMENDED EQUIPMENT SERVICE AND SAFETY CLEARANCES. DO NOT LOCATE ANY EQUIPMENT OR RUN MATERIALS ABOVE ANY ELECTRICAL PANELS OR SWITCHGEAR. MAINTAIN ALL NFPA/NEC CODE REQUIRED CLEARANCES.
12. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING, SCHEDULING AND SEQUENCING OF THEIR WORK WITH ALL OTHER TRADES. PROVIDE OFFSETS, EASEMENTS, OR RELOCATE TO AVOID CONFLICTS WITH WORK OF OTHER TRADES. FURNISH SUFFICIENT RESOURCES TO MEET ALL PROJECT MILESTONES AND DEADLINES.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE WATERTIGHT AND WEATHER-PROOF INTEGRITY OF ROOFS, WALLS AND FLOORS DURING CONSTRUCTION. EACH TRADE SHALL LOCATE/DIMENSION/COORDINATE THEIR ROOF, FLOOR AND WALL OPENINGS WITH THE GENERAL CONTRACTOR (GC) OR CONSTRUCTION MANAGER.
14. PROTECT NEW WORK FROM DAMAGE OR DECONTAMINATION. PROVIDE TEMPORARY PROTECTIVE CAPPING OR TAPED POLYETHYLENE ENCLOSURES OVER OPEN DUCTWORK AND PIPING ENDS AND EQUIPMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING MECHANICAL SYSTEMS PRIOR TO PLACING THEM IN SERVICE.
15. IN A NEAT AND WORKMANLIKE MANNER, PATCH ANY REMAINING OPENINGS AND FILL EXCESSIVE GAPS; REWORK AND REFINISH TO MATCH ADJACENT STRUCTURES; FLASH AND SEAL ALL MECHANICAL AND ELECTRICAL PENETRATIONS THRU WALLS, CEILING AND FLOORS WITH METAL FRAMEWORK OR ESCUTCHEONS. ALL OPENINGS SHALL BE PROPERLY SEALED SO AS TO MEET FIRE RATING NEEDS.

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**PLUMBING
GENERAL
INFORMATION
SCHEDULES &
DETAILS**

P000

A B C D E F G H

1

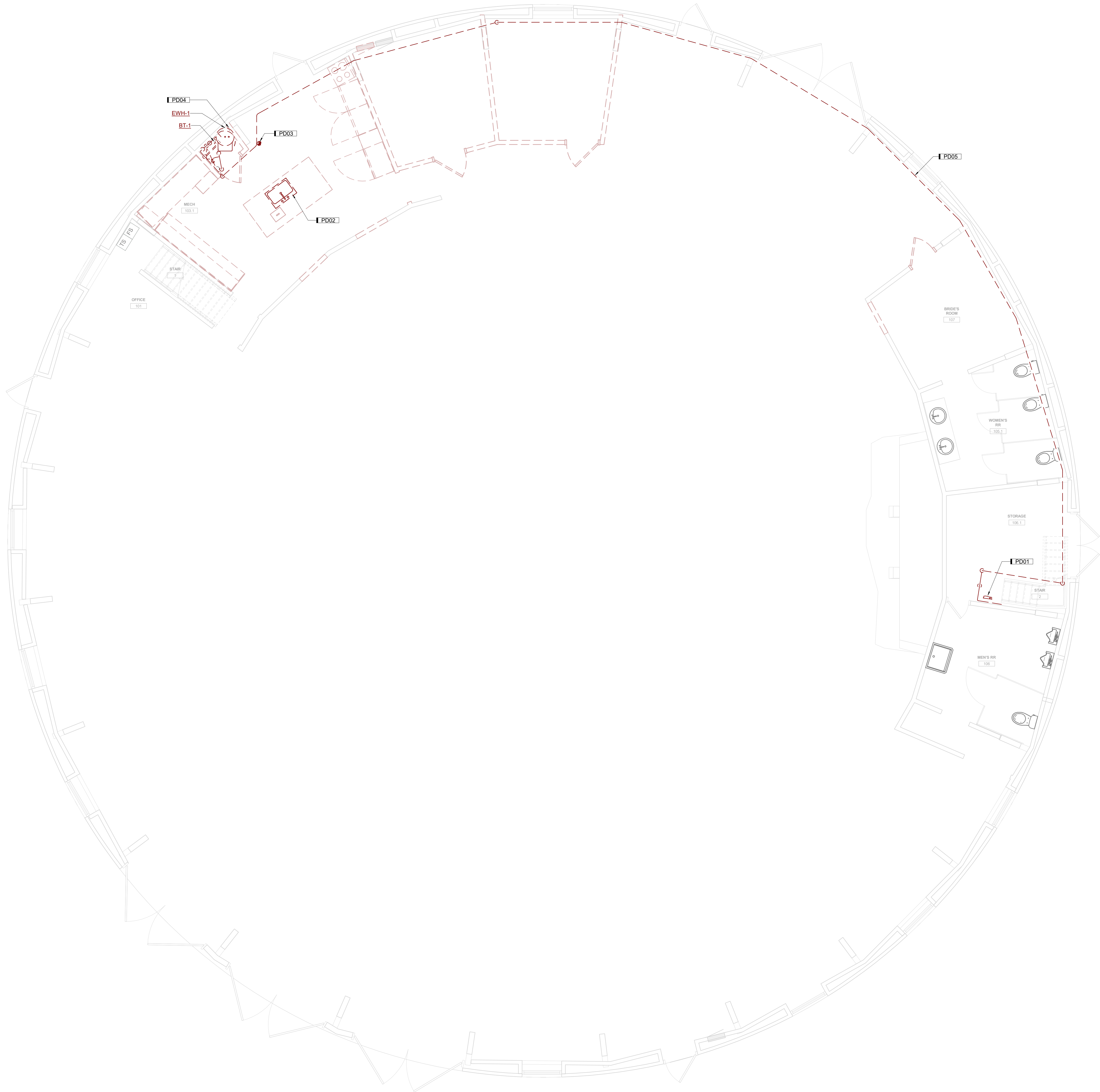
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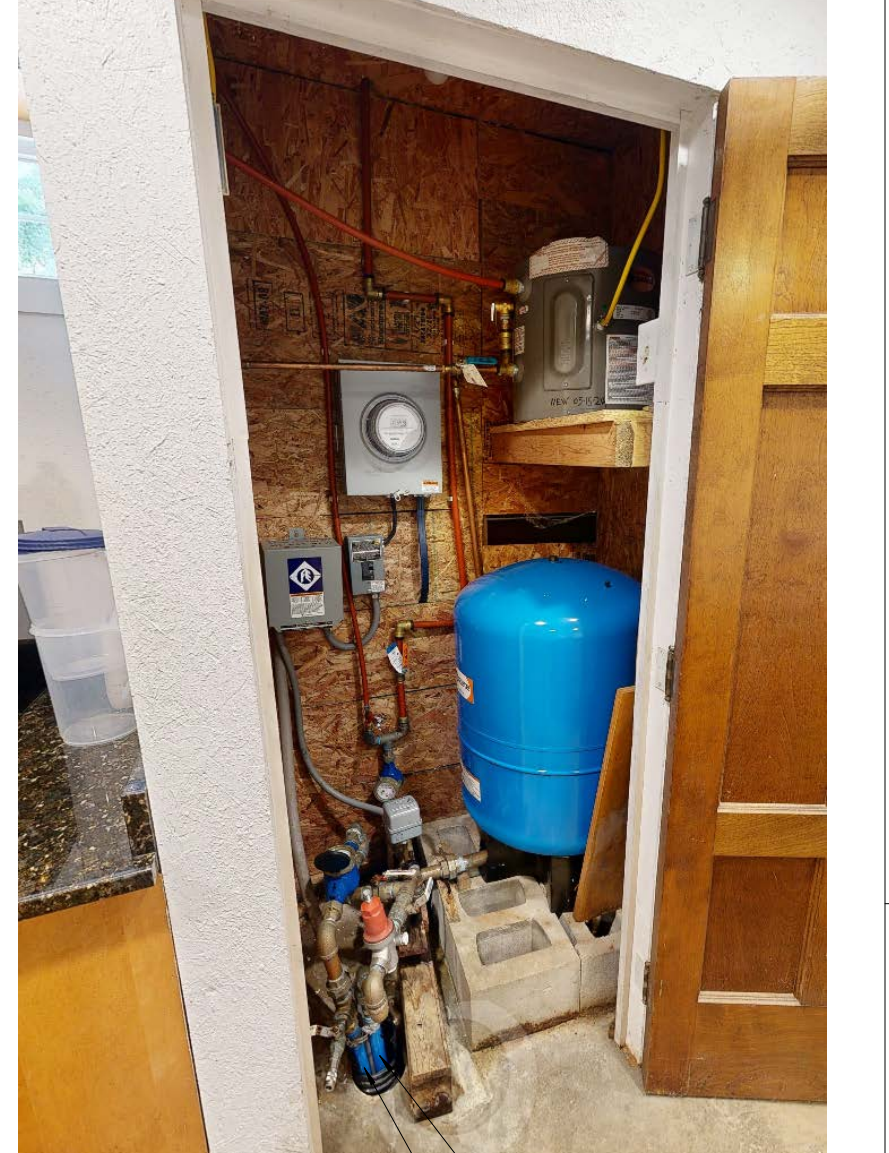
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6



KEYNOTES	
KEY	NOTE
PD01	REMOVE EXISTING INSTANTANEOUS WATER HEATER. REMOVE ALL EXPOSED HOT WATER PIPING AND HANGERS. ANY PIPING WITHIN PANEL WALLS TO BE ABANDONED IN PLACE.
PD02	REMOVE EXISTING SINK AND ITS ASSOCIATED WATER, WASTE AND VENT PIPING. FIELD VERIFY EXISTING CONDITIONS.
PD03	REMOVE EXISTING FLOOR DRAIN AND ITS ASSOCIATED WASTE AND VENT PIPING. FIELD VERIFY EXISTING CONDITIONS.
PD04	REMOVE EXISTING WATER HEATER, BUFFER TANK, AND ALL PIPING AND ACCESSORIES WITHIN CLOSET. PREP INCOMING WATER LINE AND IRRIGATION LINE FOR NEW PIPE CONNECTIONS. FIELD VERIFY LOCATION OF COLD WATER MAIN TO EXISTING RESTROOMS. THIS MAIN IS TO BE TIED BACK INTO THE NEW SYSTEM. STORE THE FOLLOWING PIPE ACCESSORIES FOR RE-INSTALLATION: WATER METER, PRESSURE REGULATOR AND PRESSURE SWITCH AND ASSOCIATED CONTROLS.
PD05	REMOVE EXISTING PEX COLD WATER MAIN AND HANGERS FROM MANIFOLD UNDER THE STAIRS BACK TO SERVICE CLOSET. LINE TO BE REPLACED WITH HEAT TRACED COPPER.

EXISTING WATER SERVICE CLOSET:



INCOMING SERVICE
TO IRRIGATION SYSTEM

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PLUMBING FIRST FLOOR DEMOLITION PLAN

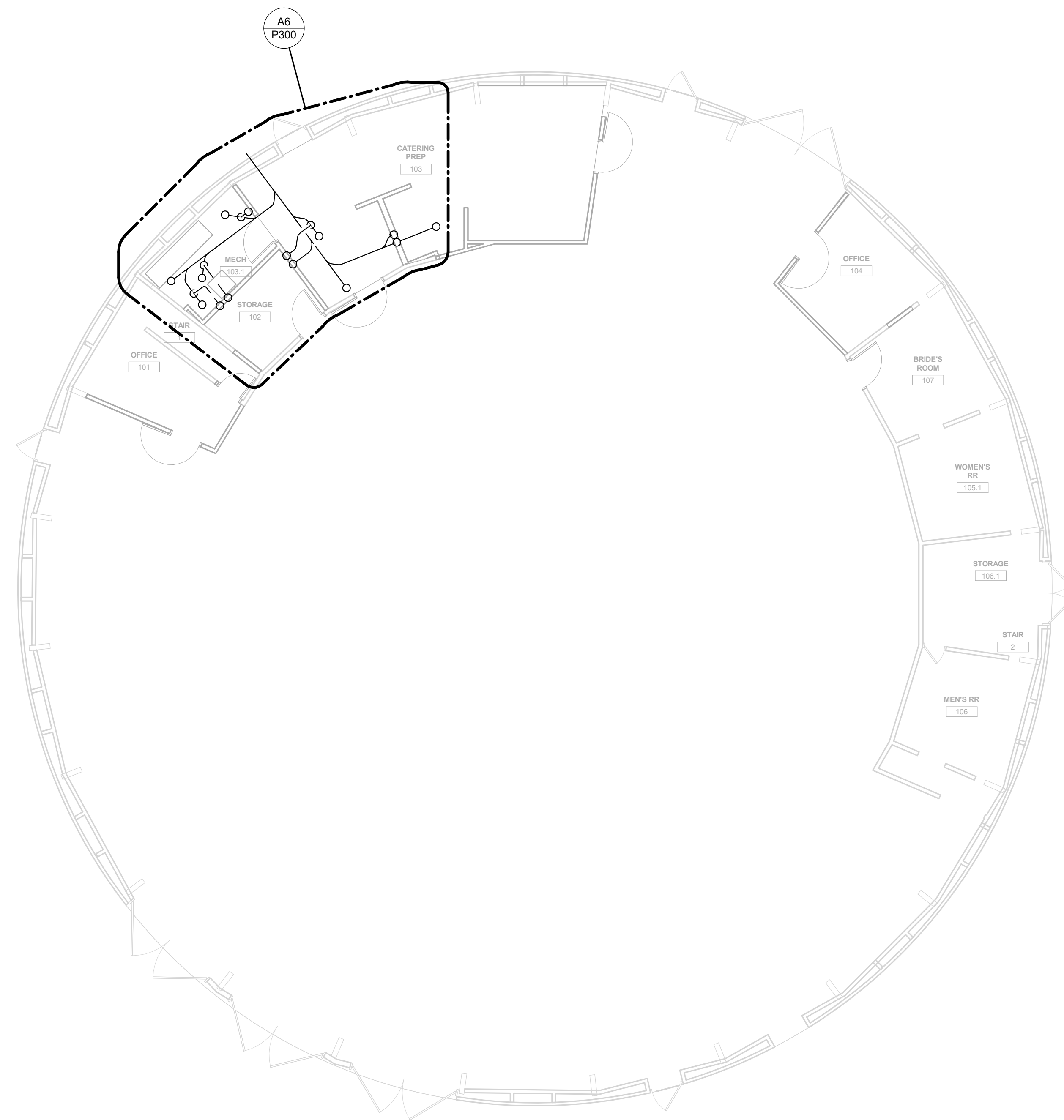
PD101

A6 PLUMBING DEMOLITION PLAN
1/4" = 1'-0" 0" 6"

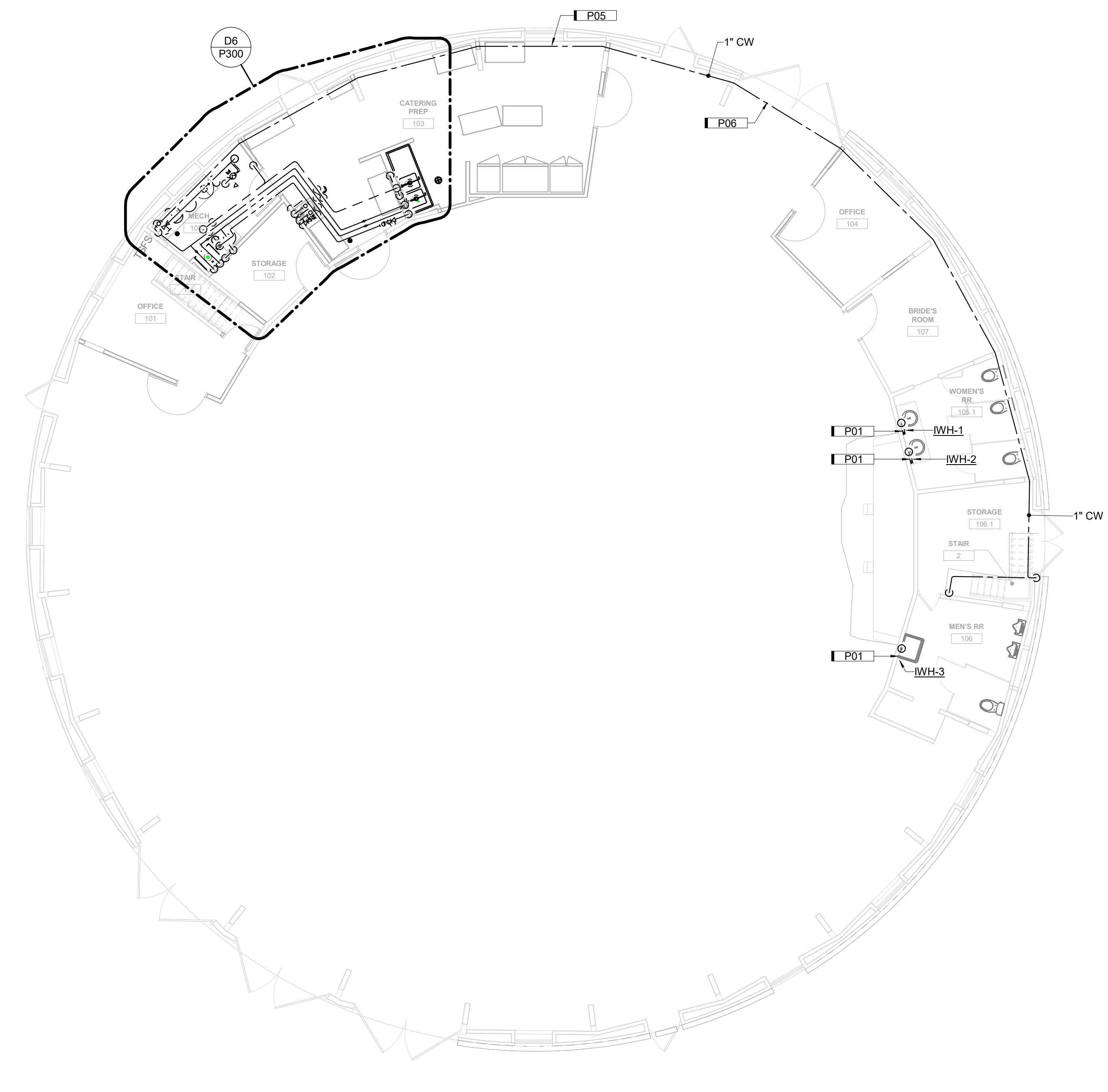
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P:\Projects\2025\ICANGLESKA WAKAN CELEBRATION BARN RENOVATION\DWG\PLUMBING DEMOLITION PLAN.rvt
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KEYNOTES	
KEY	NOTE
P01	INSTALL NEW INSTANTANEOUS WATER HEATER UNDER EXISTING SINK. REMOVE EXISTING COLD WATER ANGLE STOP. INSTALL TEE FITTING TO PIPE TO WATER HEATER AND SINK.
P05	NEW HEAT TRACED COPPER COLD WATER MAIN TO EXISTING MANIFOLD UNDER STAIRWELL.
P06	COLD WATER PIPE TO BE ENCLOSED IN A SOFFIT WHERE EXPOSED OVER THE ENTRANCE. SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.



B6 UNDER SLAB PLUMBING
1/8" = 1'-0" 0 12



E6 PLUMBING FIRST FLOOR PLAN
1/8" = 1'-0" 0 12

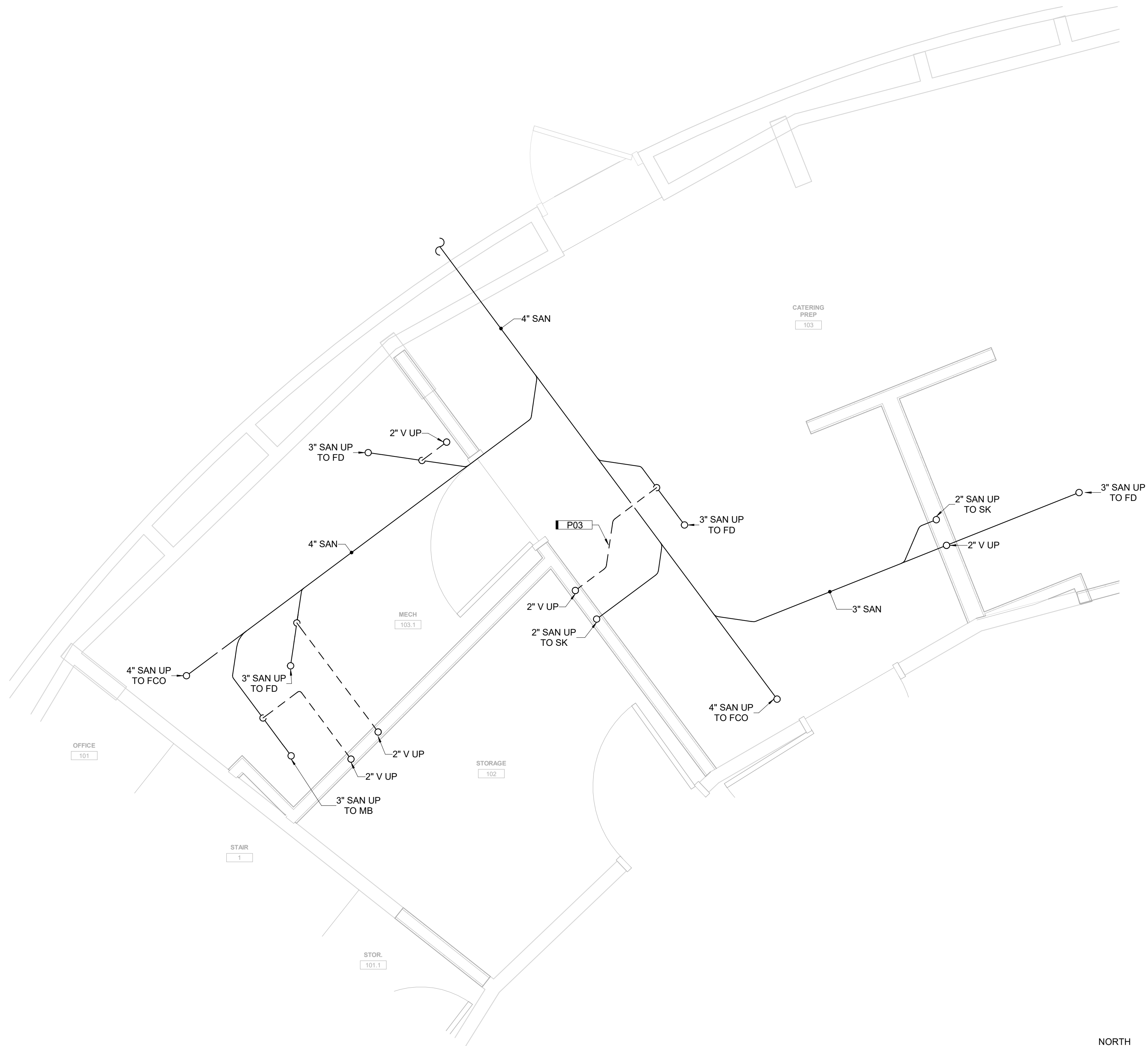
ICANGLESKA WAKAN CELEBRATION BARN RENOVATION

JOHNSON COUNTY CONSERVATION
1482 245TH ST NE, SOLON, IA

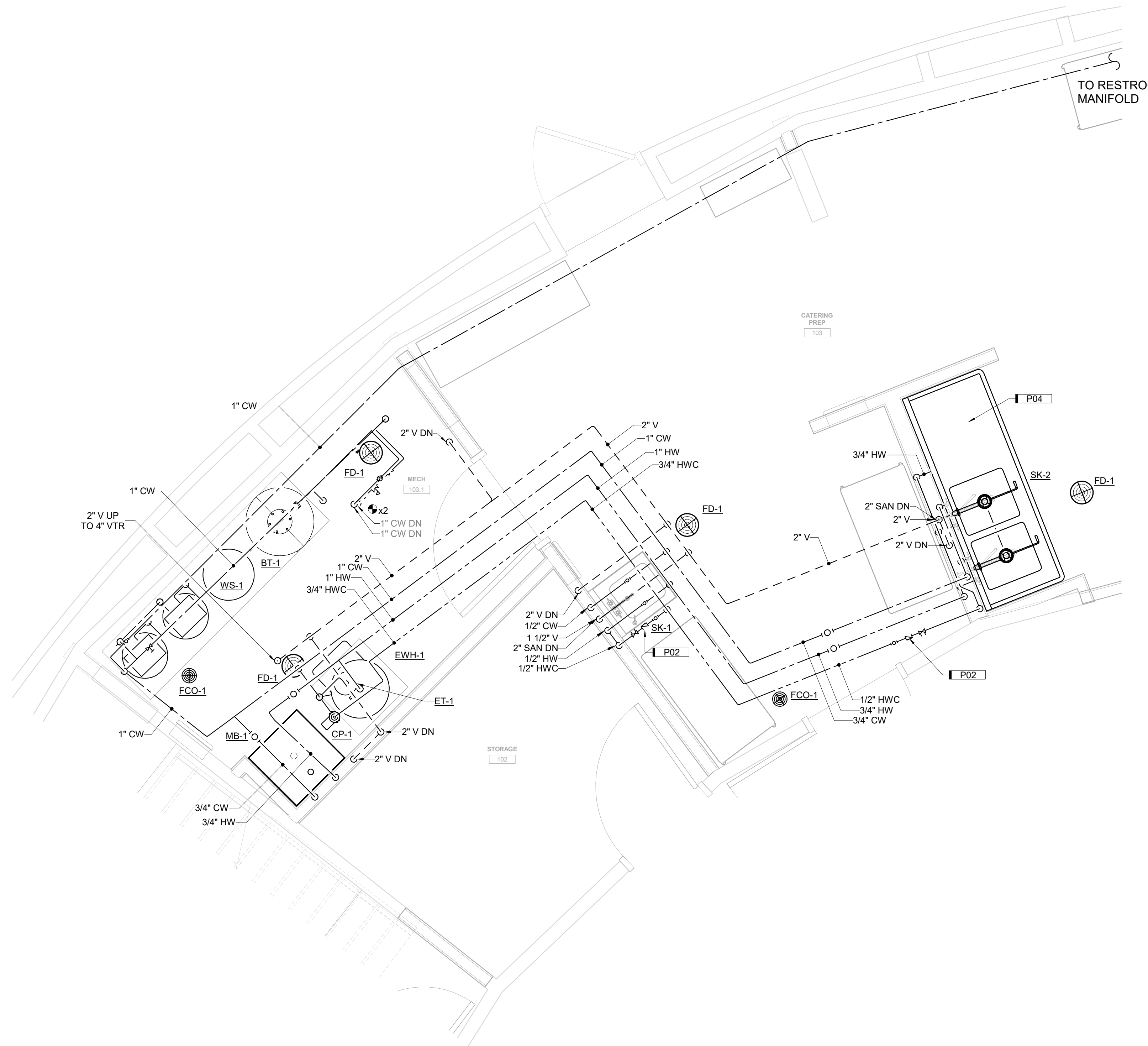
PLUMBING PLANS	JLD
DRAWN BY	JLD
APPROVED BY	CONSTRUCTION
ISSUED FOR	2025-02-05
ISSUE DATE	2240009800
PROJECT NUMBER	FIELD BOOK

KEYNOTES	
KEY	NOTE
P02	HOT WATER RECIRCULATION BALANCING STATION. BALANCE TO 0.5 GPM. INSTALL IN AN ACCESSIBLE LOCATION ABOVE THE CEILING. SEE DETAIL B2 ON SHEET P500 FOR MORE INFORMATION.
P03	OFFSET VENT IN COORDINATION WITH NEW ELECTRIC WALL HEATER.
P04	PROVIDE AND CONNECT HOT WATER AND WASTE CONNECTIONS FOR DISHWASHER. SEE ARCHITECTURAL SPECIFICATIONS FOR MORE INFORMATION ON DISHWASHER. SIZE AND ROUTING OF CONNECTIONS TO BE PER MANUFACTURER'S RECOMMENDATIONS. WATER CONNECTION SHALL BE PROTECTED AGAINST BACKFLOW IN ACCORDANCE WITH 2021 UNIFORM PLUMBING CODE AND LOCAL AMENDMENTS. WASTE CONNECTION SHALL COMPLY WITH 2021 UNIFORM PLUMBING CODE.

CONFIRM THE CONSTRUCTION OF THE HARD LID OVER THE AREA PRIOR TO DRILLING ANY PIPE PENETRATIONS THROUGH IT. REPORT FINDINGS TO ARCHITECT.



A6 ENLARGED UNDER SLAB PLUMBING PLAN
1/2" = 1'-0" 0 3'



D6 ENLARGED PLUMBING PLAN
1/2" = 1'-0" 0 3'

CANGLESKA WAKAN CELEBRATION BARN RENOVATION

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ENLARGED PLUMBING PLANS

PROJECT NUMBER	2204009800
ISSUE DATE	2025-02-05
CONSTRUCTION	
ISSUED FOR	
APPROVED BY	JLD
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PLUMBING FIXTURE SCHEDULE

REMARKS:
1. WATER HAMMER ARRESTORS NOT SHOWN ON PLANS. REFER TO SPECIFICATIONS. INSTALL ON BOTH COLD AND HOT WATER PIPING IN AN UPRIGHT POSITION. LOCATE AT THE ENDS OF PIPE RUNS OR NEAR A BATTERY OF FIXTURES. FOLLOW MANUFACTURER'S SPECIFICATIONS FOR LOCATION AND INSTALLATION. INSTALL IN AN ACCESSIBLE LOCATION. AIR CHAMBERS NOT ALLOWED.
2. NOT ALL CO, FCO, WCO, ECO ARE SHOWN ON PLANS. REFER TO SPECIFICATIONS. CLEANOUT COVERS SHALL BE STAMPED OR ENGRAVED ON COVER AS FOLLOWS: SANITARY CLEANOUTS "SAN". FIELD COORDINATE EXACT LOCATION OF FLOOR AND WALL CLEANOUTS WITH GENERAL CONTRACTOR.

TAG	FIXTURE TYPE	MANUFACTURER	MODEL	MATERIAL	FIXTURE DESCRIPTION	MANUFACTURER	MODEL NO.	FINISH	FAUCET / FLUSH VALVE DESCRIPTION	PIPE CONNECTIONS / ROUGH-IN PIPE DIAMETER				ACCESSORIES COMMENTS
										SAN	VENT	CW	HW	
FCO-1	FLOOR CLEANOUT	ZURN	CO-200-RFC	CAST IRON	ADJUSTABLE LEVELING FLOOR CLEANOUT. CAST IRON BODY, WITH GAS AND WATERTIGHT ABS TAPERED THREAD PLUG, AND ROUND SCORRIATED SECURED NICKEL BRONZE LIGHT-DUTY TOP. INSTALL FLUSH WITH FINISHED FLOOR.					4"				
FD-1	FLOOR DRAIN - ROUND	ZURN	Z415B	CAST IRON	FLOOR DRAIN, 8" DIAMETER ADJUSTABLE STRAINER HEAD, NICKEL BRONZE STRAINER, FLASHING COLLAR, SEDIMENT BUCKET, DEEP CAST IRON P-TRAP. SET TOP OF STRAINER FLUSH WITH FINISHED FLOOR.					3"	2"			
MB-1	MOP BASIN	FIAT	MSB-2424	MOLDED STONE	24" x 24" x 10", CORNER INSTALLATION. VINYL BUMPER GUARDS, STAINLESS STEEL WALL GUARDS ON TWO SIDES. DRAIN BODY SHALL BE FACTORY INSTALLED, STAINLESS STEEL FLAT STRAINER, LEAD CAULKED JOINT FOR 3" WASTE CONNECTION, DEEP SEAL CAST IRON P-TRAP.	CHICAGO FAUCET CO	897-CP	CHROME	WALL MOUNTED 8" BODY, ADJUSTABLE ARMS, INTEGRAL STOPS AND VACUUM BREAKER SPOUT WITH PAIL HOOK AND WALL BRACE. VANDAL-PROOF, LEVER HANDLES.	3"	2"	3/4"	3/4"	
SK-1	HAND SINK	EAGLE GROUP	HSA-10-LRS	STAINLESS STEEL	SEE SPEC SECTION 11 4000. PROVIDE CHROME PLATED BRASS STRAINER, 1 1/2" TAILPIECE, P-TRAP, STAINLESS STEEL STRAINER BASKET WITH NEOPRENE STOPPER, LOOSE KEY ANGLE STOPS AND SUPPLIES. INSULATE WATER AND WASTE TO MEET ADA REQUIREMENTS USING ADA INSULATION KIT, TRUEBRO OR EQUIVALENT.	T&S BRASS	EC-3105	CHROME	SEE SPEC 11 4000.	1 1/2"	1 1/2"	1/2"	1/2"	PROVIDE WITH LEONARD MODEL 270 THERMAL MIXING VALVE SET TO DELIVER A MIXED HOT WATER TEMPERATURE OF 110°F.
SK-2	KITCHEN SINK - DOUBLE	DELUXE SERIES	-	STAINLESS STEEL	SEE SPEC SECTION 11 4000. PROVIDE CHROME PLATED BRASS STRAINERS, 2" TAILPIECES, P-TRAP, STAINLESS STEEL STRAINER BASKETS WITH NEOPRENE STOPPERS, LOOSE KEY ANGLE STOPS AND SUPPLIES.	T&S BRASS	B-0133-ADF08	CHROME	SEE SPEC 11 4000. TWO FAUCETS.	2"	1 1/2"	1/2"	1/2"	PROVIDE WITH LEONARD MODEL 270 THERMAL MIXING VALVE SET TO DELIVER A MIXED HOT WATER TEMPERATURE OF 110°F.

WATER HEATER SCHEDULE - ELECTRIC

MARK	AREA SERVED	STORAGE (GAL)	RECOVERY (GPH) @ 100°F RISE	WATER IN (°F)	WATER OUT (°F)	ELEMENT KW	# OF ELEMENTS	ELECTRICAL DATA									
								TOTAL KW	VOLTS	PHASE	MCA	MOCP	CONTROL OR STARTER	CONTROL OR STARTER FURNISHED / INSTALLED	DISCONNECT FURNISHED / INSTALLED	DESIGN BASIS	
EWH-1	KITCHEN	30	62	40	140	15	1	15	240	1	78.1	100	TEMP SENSOR	MFR / MFR	MFR / MFR	A.O. SMITH DSE-30-15	

WATER SOFTENER SCHEDULE

MARK	WPD (PSI)	GPM	WPD (PSI)	MAX WORKING PRESSURE (PSI)	BRINE TANK CAPACITY (SALT, LB)	KGR	SALT DOSAGE	VOLTS	PHASE	FLA	ELECTRICAL DATA			
											CONTROL OR STARTER	CONTROL OR STARTER FURNISHED / INSTALLED	DISCONNECT FURNISHED / INSTALLED	DESIGN BASIS
WS-1	15	36.6	25	150	165	90	45	24	1	1	CONTROLLER	MC / MC	EC / EC	CULLIGAN HE-1.5 090 TWIN

PLUMBING PUMP SCHEDULE

REMARKS:
1. ALL LEAD-FREE BRONZE CONSTRUCTION.
2. PROVIDE AUTOMATIC TIMER KIT, 115/120 VAC, 60 Hz, 1Ø.

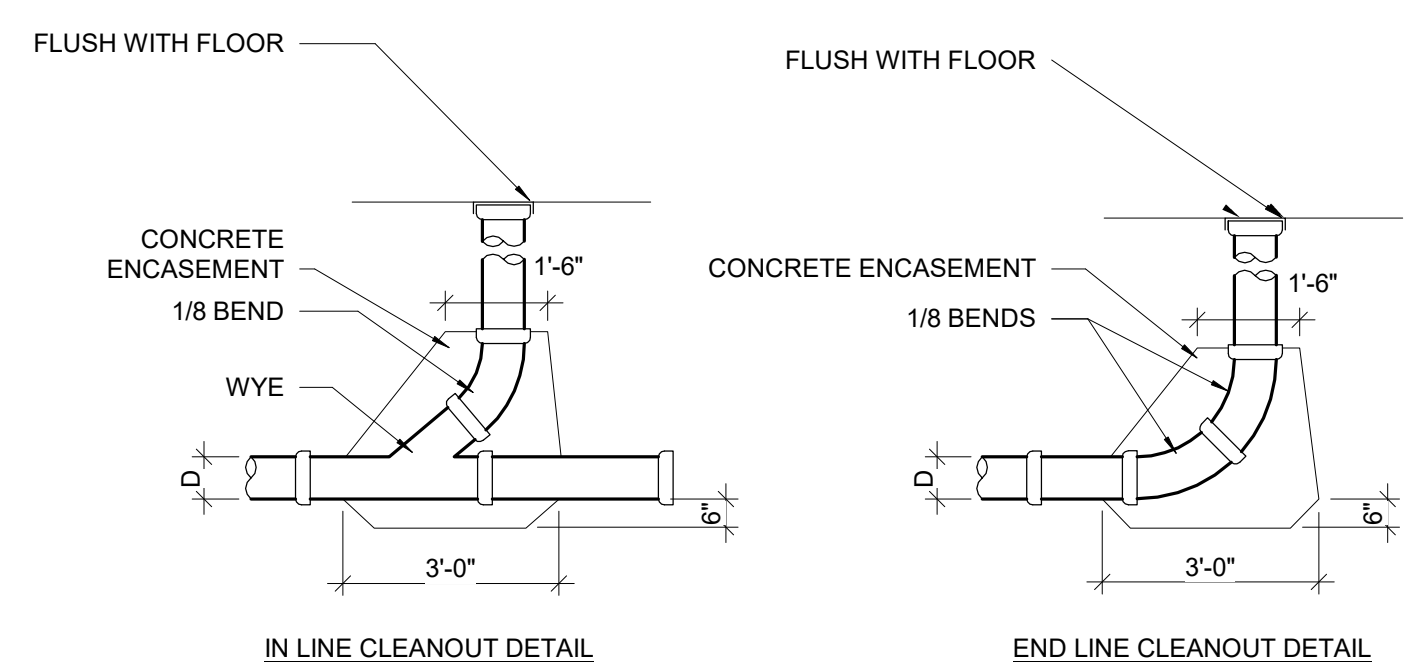
MARK	AREA SERVED	SYSTEM SERVED	TYPE	GPM	HEAD (FT)	MOTOR DATA			ELECTRICAL DATA						
						HP	RPM	WATTS	VOLTS	PHASE	CONTROL OR STARTER	CONTROL OR STARTER FURNISHED / INSTALLED	DISCONNECT FURNISHED / INSTALLED	DESIGN BASIS	
CP-1	KITCHEN	HOT WATER	IN-LINE	1	6	1/40	3250	125	240	1	---	---	EC / EC	TACO 006-B4	1, 2

PLUMBING TANK SCHEDULE

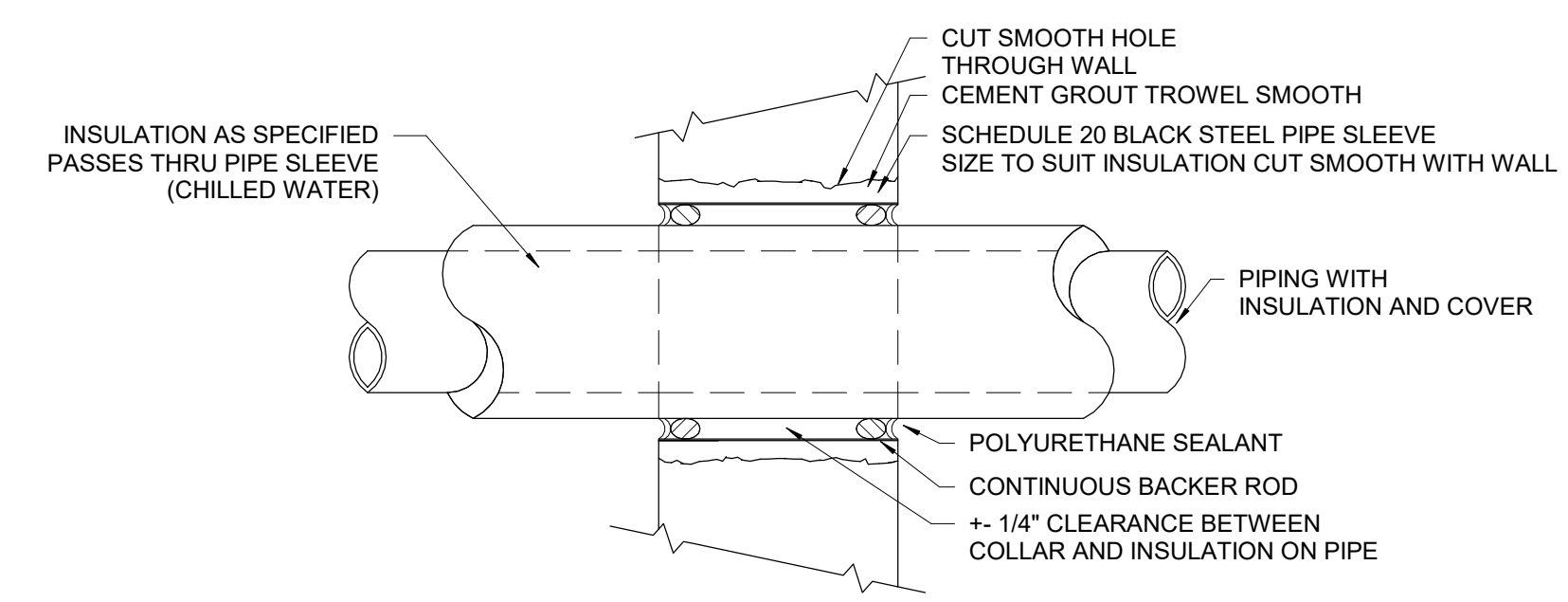
MARK	SYSTEM SERVED	TANK CAPACITY (GAL)	ACCEPTANCE CAPACITY (GAL)	DESIGN BASIS
BT-1	DOMESTIC WATER	106	106	AMTROL WX-449C
ET-1	HOT WATER	2	0.9	AMTROL ST-5

INSTANTANEOUS WATER HEATER SCHEDULE

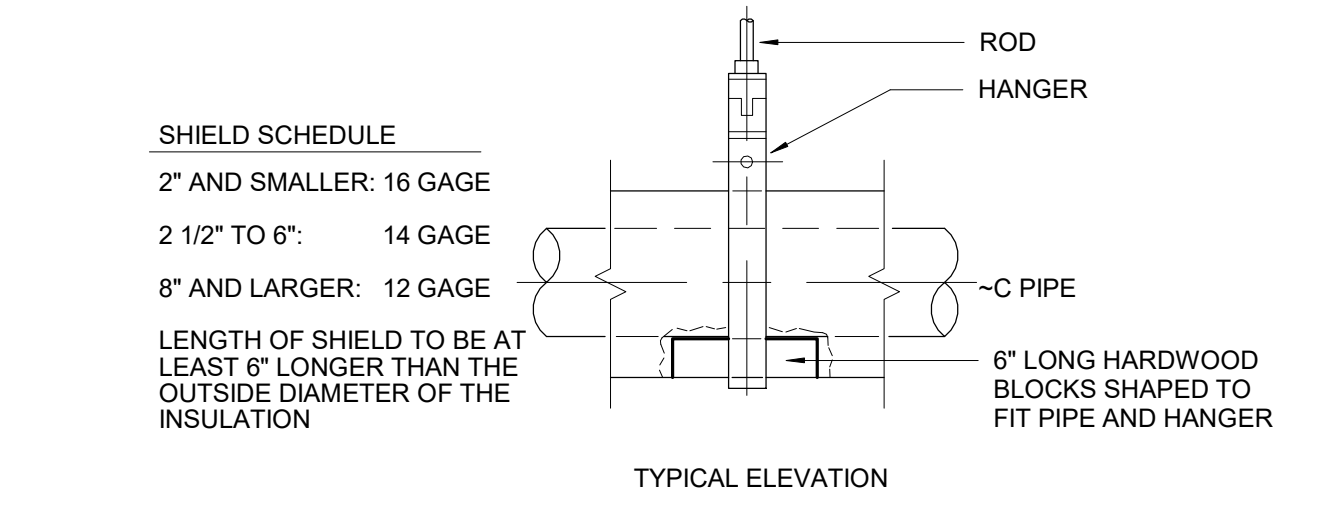
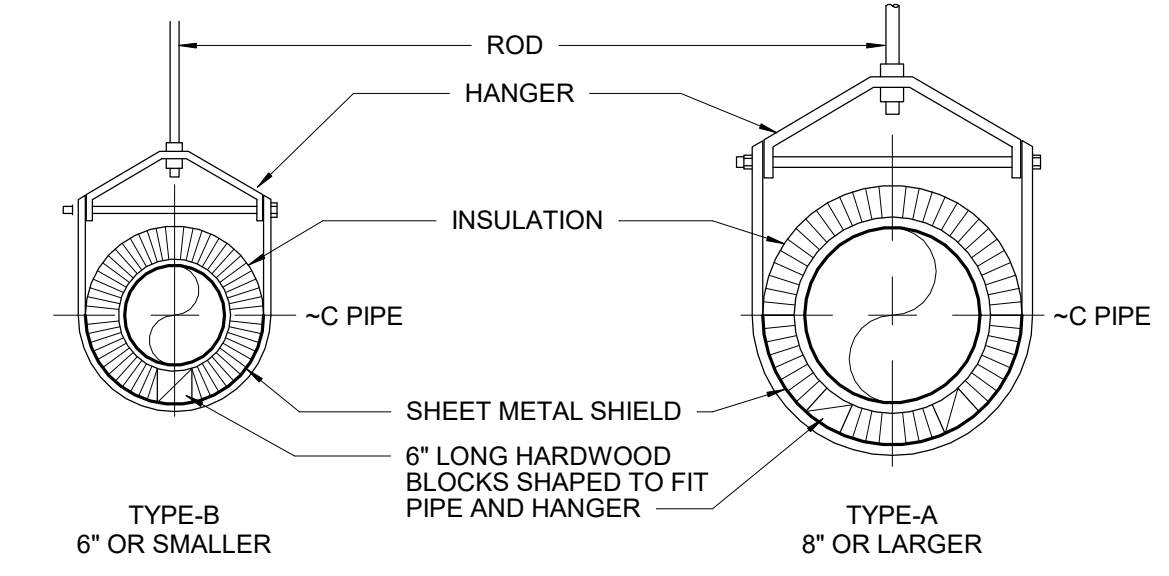
MARK	AREA SERVED	FLOW RATE (GPM)	MINIMUM INLET WATER TEMPERATURE (°F)	TEMPERATURE RISE (°F)	VOLTS	PHASE	KW	MCA	FLA	ELECTRICAL DATA			
										CONTROL OR STARTER	CONTROL OR STARTER FURNISHED / INSTALLED	DISCONNECT FURNISHED / INSTALLED	DESIGN BASIS
IWH-1	RESTROOMS	0.5	40	65.5	240	1	4.8	25	20	TEMP SENSOR	MFR / MFR	MFR / MFR	CHRONOMITE SR-20L240
IWH-2	RESTROOMS	0.5	40	65.5	240	1	4.8	25	20	TEMP SENSOR	MFR / MFR	MFR / MFR	CHRONOMITE SR-20L240
IWH-3	RESTROOMS	0.5	40	65.5	240	1	4.8	25	20	TEMP SENSOR	MFR / MFR	MFR / MFR	CHRONOMITE SR-20L240



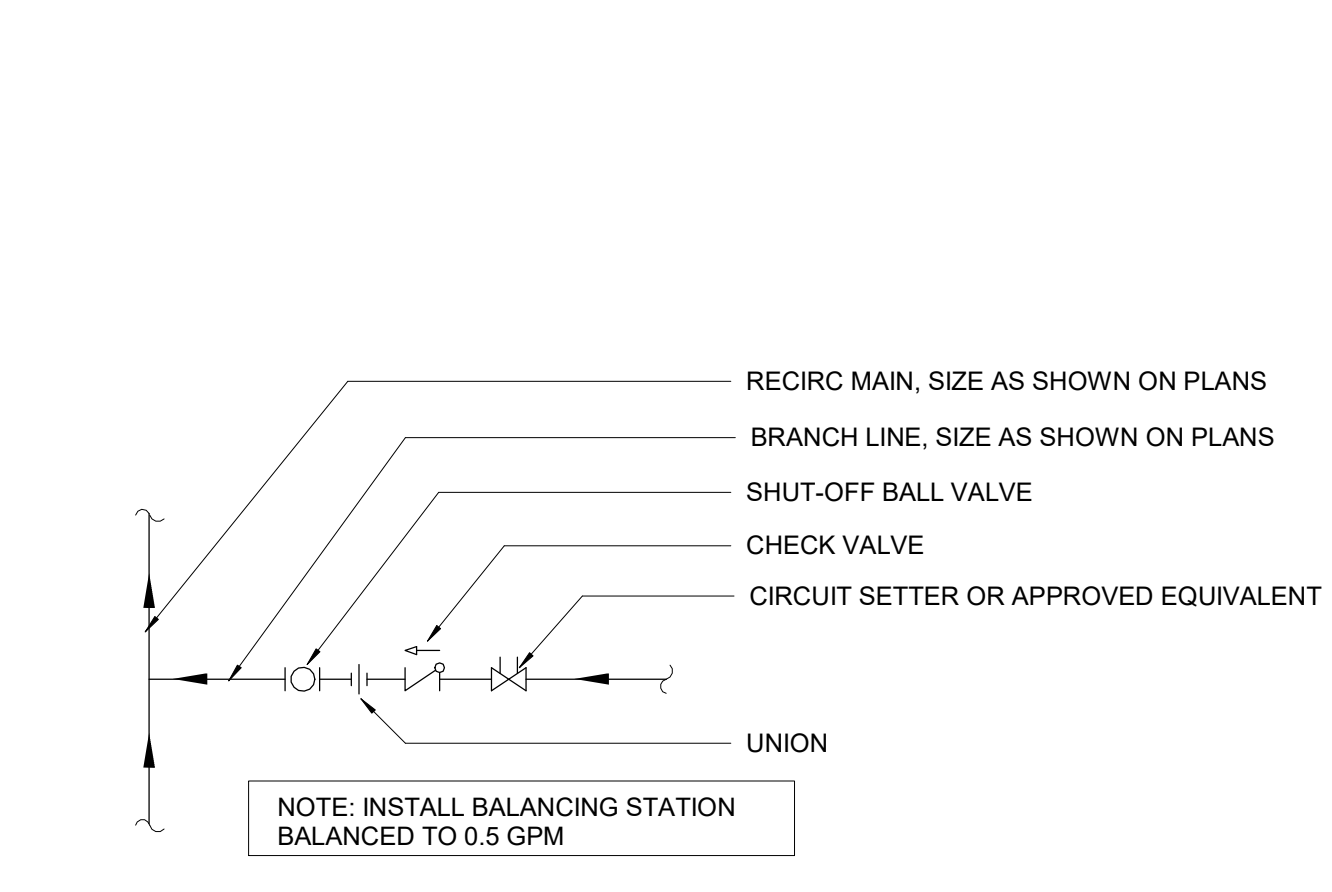
A3 CLEANOUT DETAILS
NOT TO SCALE



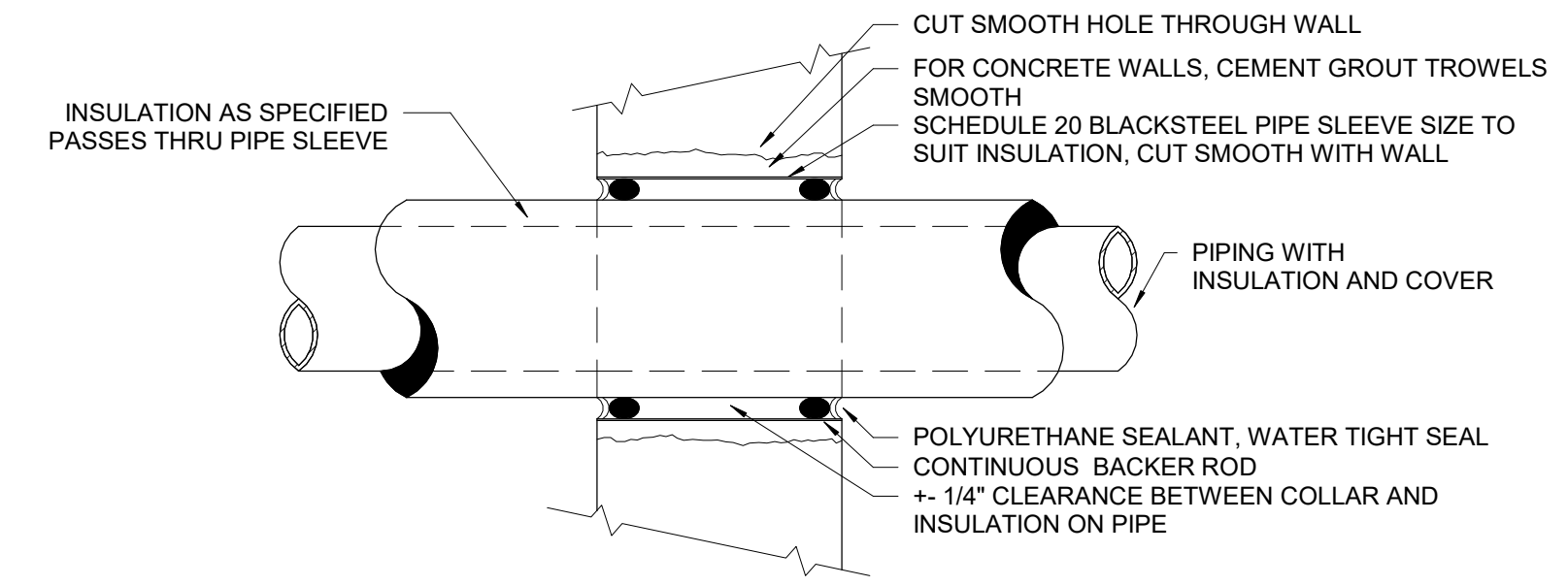
A4 INTERIOR WALL PIPE PENETRATION DETAIL (THROUGH CONDITIONED SPACE)
NOT TO SCALE



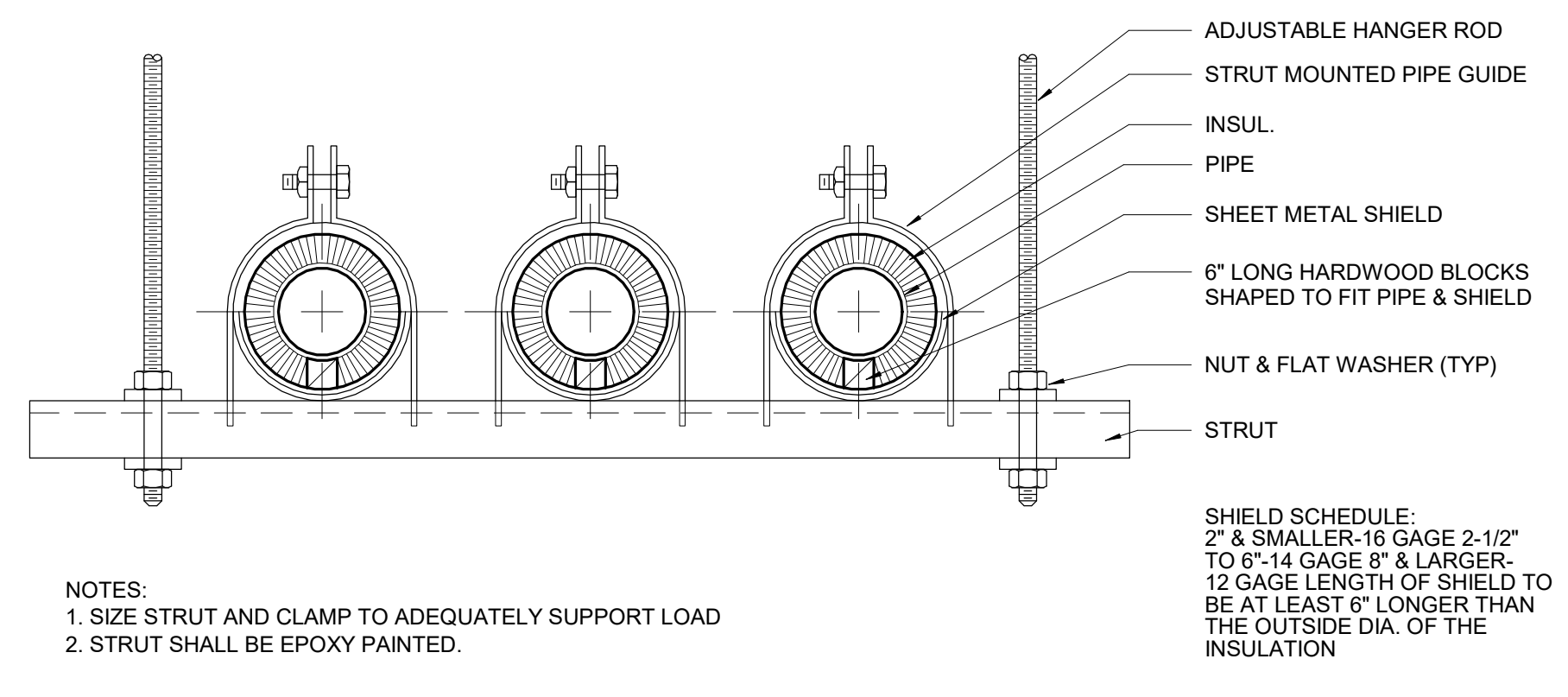
C5 INSULATED PIPE HANGER DETAIL
NOT TO SCALE



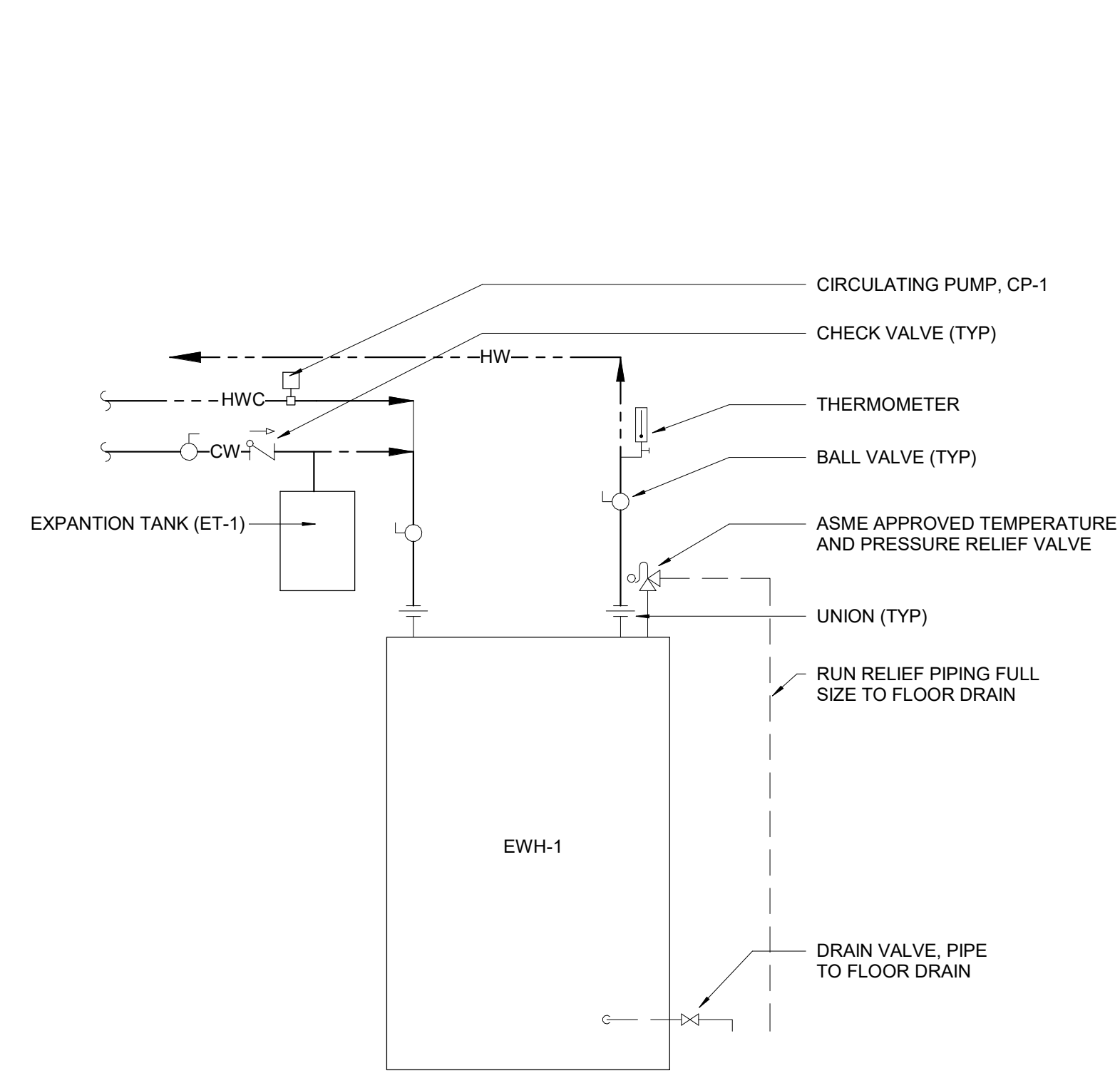
C6 BALANCING STATION DETAIL
1/2" = 1'-0" 0' 1.5'



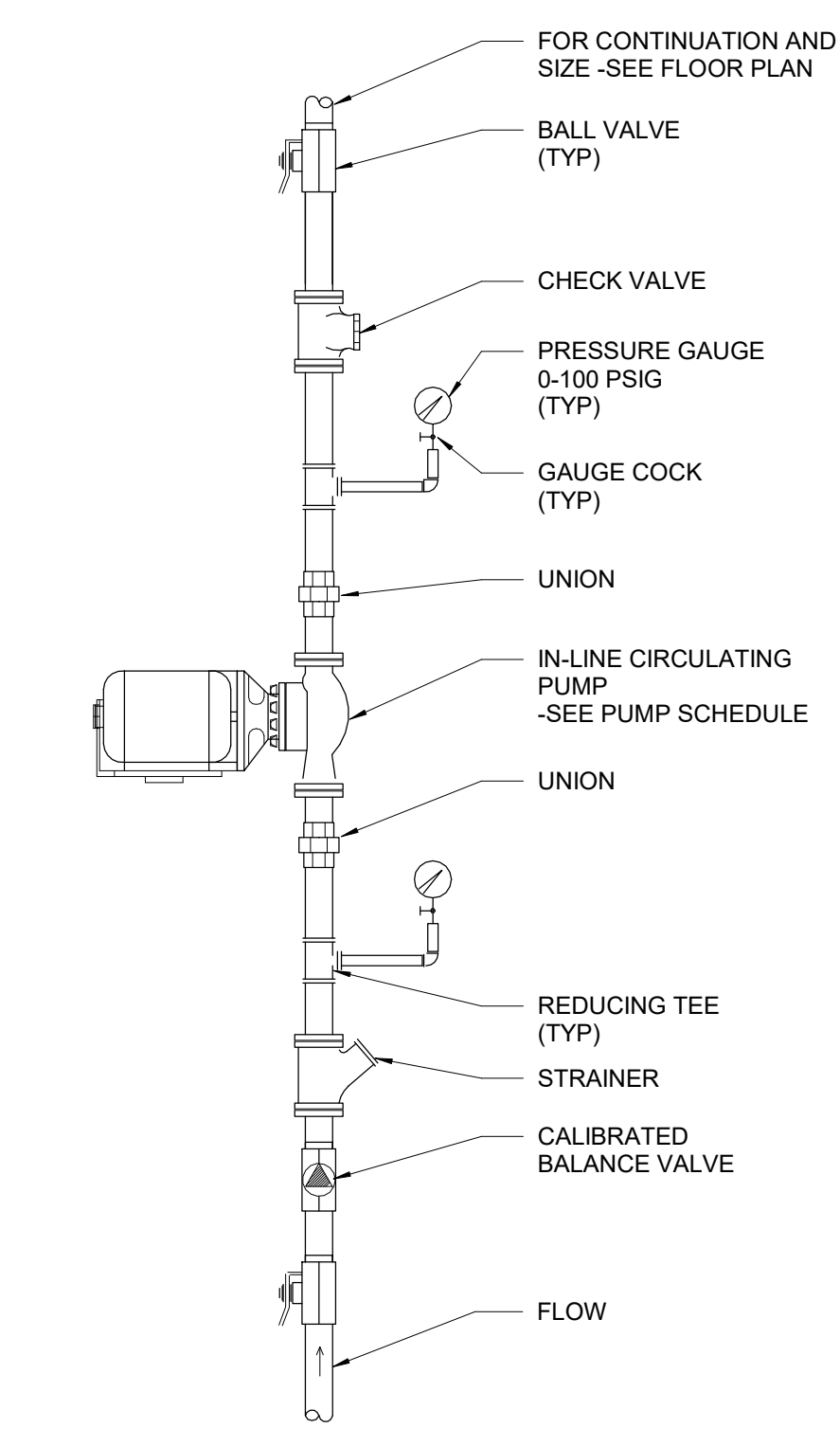
A5 PIPE THROUGH WALL DETAIL
NOT TO SCALE



A6 TRAPEZE TYPE HANGER DETAIL
NOT TO SCALE

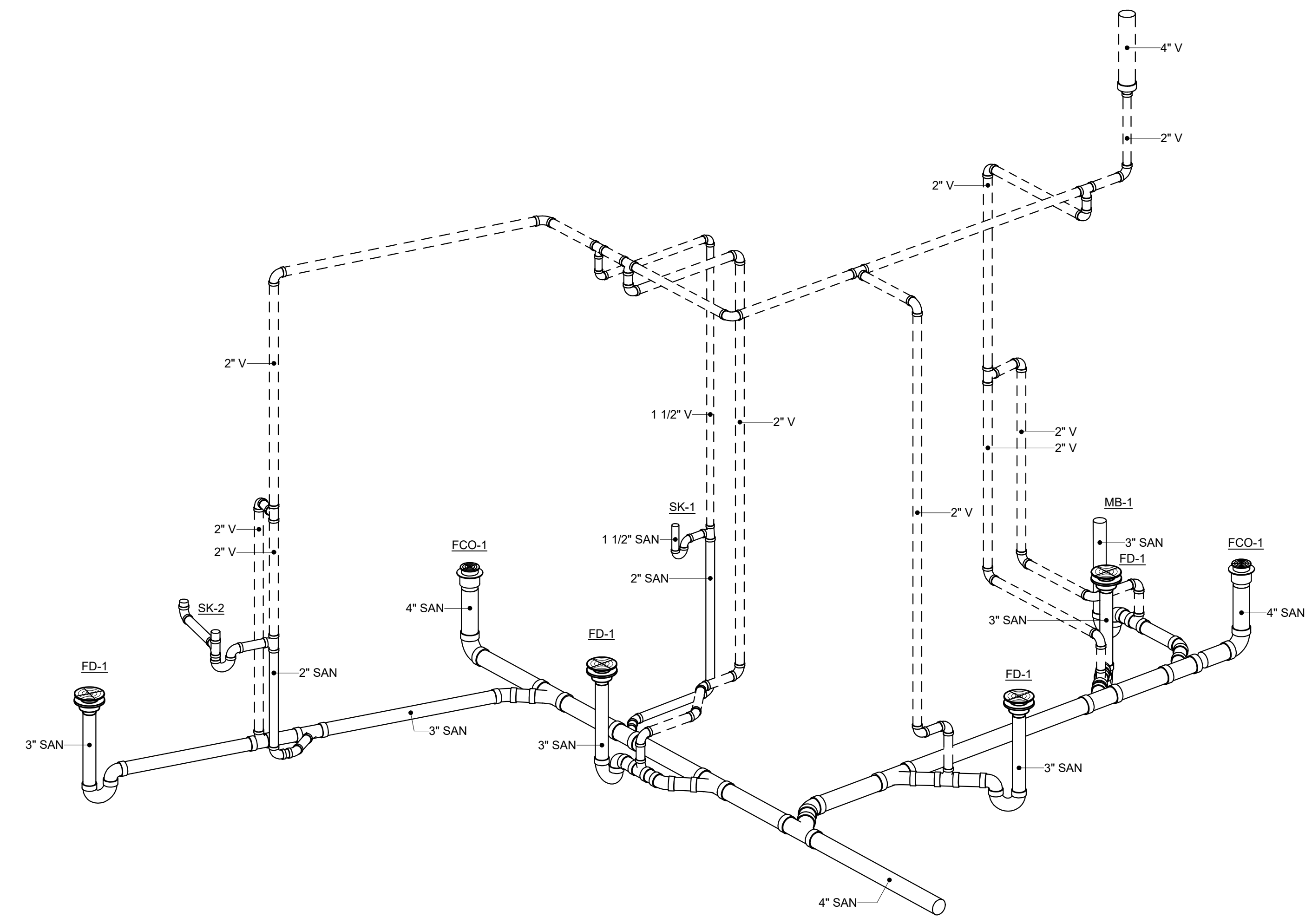


E6 ELECTRIC WATER HEATER PIPING DETAIL
NOT TO SCALE

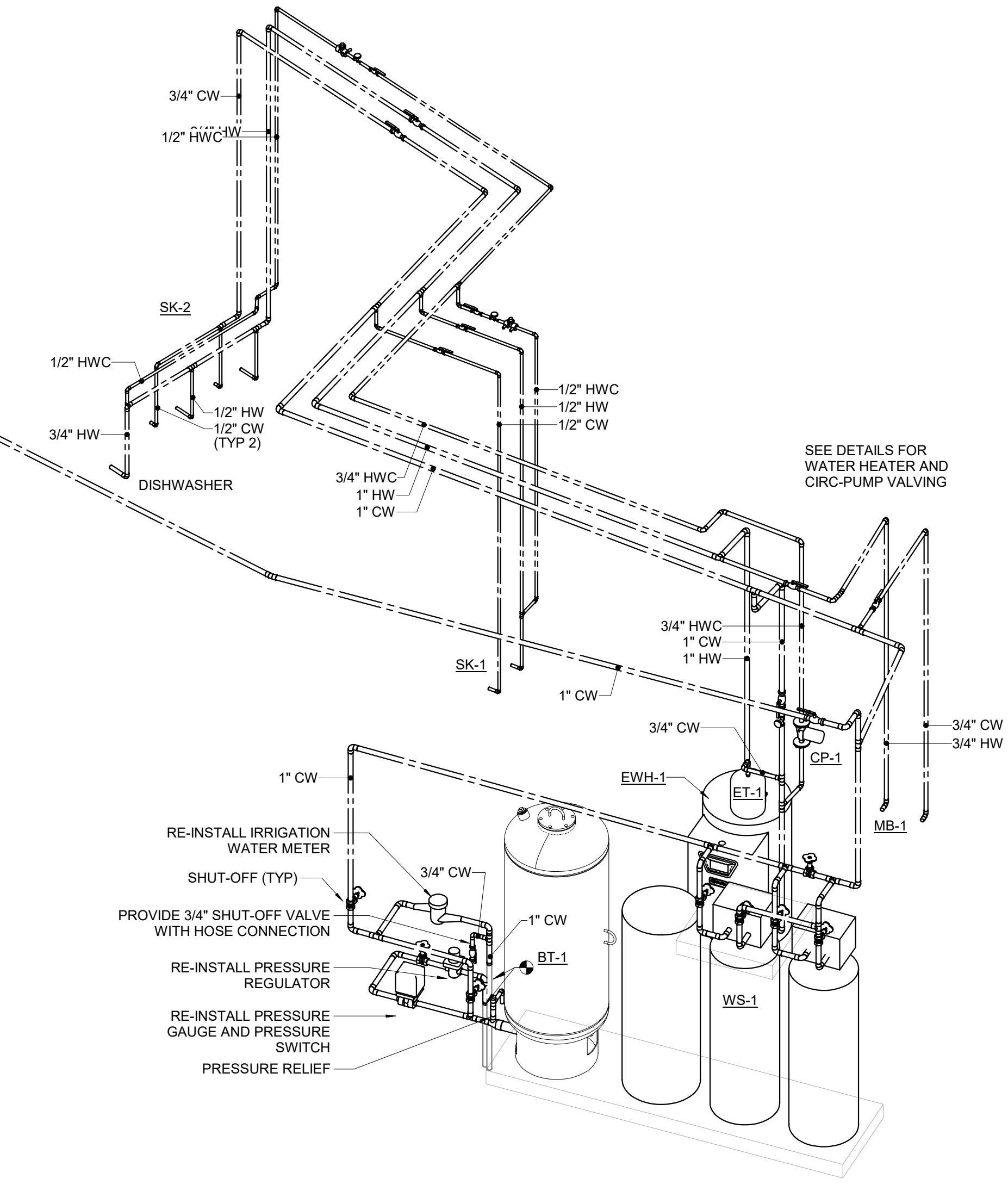


F6 CIRCULATING PUMP DETAIL
NOT TO SCALE

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E3 PLUMBING ISOMETRIC - SSV



E6 PLUMBING ISOMETRIC - DOMESTIC

TO RESTROOM MANIFOLD

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Shive-Hattery Architecture+Engineering
14042 245th St NE, Solon, IA 52448
800.798.0315 | shive-hattery.com

BASE BID:
MODIFY EXISTING SPRINKLERS AND ASSOCIATED PIPING AS REQUIRED TO ACCOMMODATE NEW FLOOR PLAN.

BID ALTERNATE:
PROVIDE A COST ESTIMATE FOR CONVERTING THE EXISTING WET SPRINKLER SYSTEM THAT SERVES THE ENTIRE BUILDING TO A DRY SYSTEM.

FIRE PROTECTION

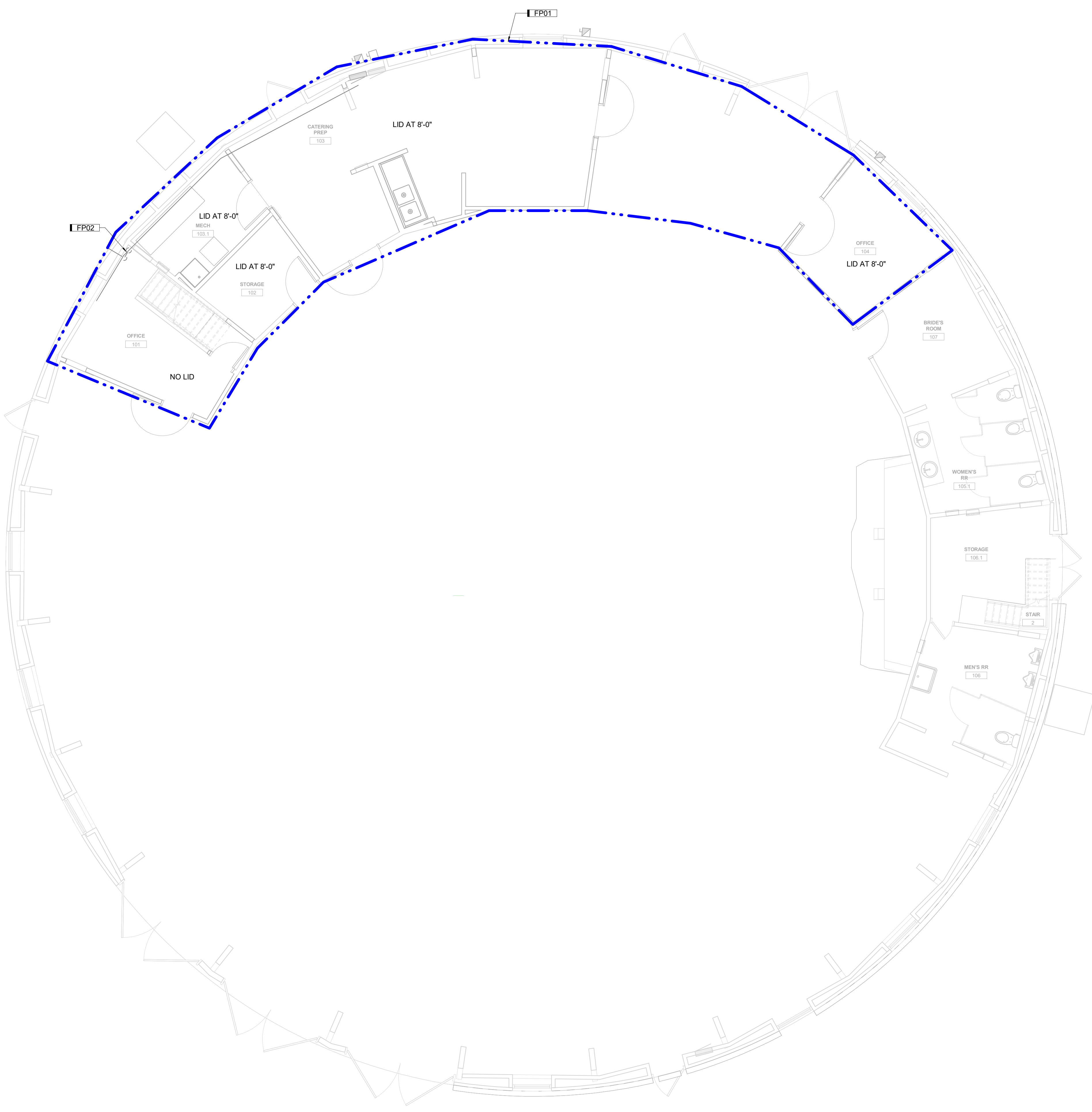
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR PRODUCING FINAL DESIGN DRAWINGS, SIGNED AND SEALED BY A NICET CERTIFIED LEVEL IV DESIGNER OR LICENSED PROFESSIONAL ENGINEER IN THE STATE OF ILLINOIS FOR ISSUANCE OF A PERMIT FROM THE CITY OF CHICAGO. SUBMIT FINAL DRAWINGS TO GENERAL CONTRACTOR FOR REVIEW PRIOR TO PERMIT SUBMISSION.
- COMPREHENSIVE SHOP DRAWINGS AND HYDRAULIC CALCULATIONS SHALL BE SUBMITTED BY THE CONTRACTOR FOR THE APPROVAL BY THE OWNER, AND OWNERS' FIRE INSURANCE UNDERWRITER, AND THE FIRE RATING INSPECTION BUREAU. SPRINKLER SHOP DRAWINGS SHALL BE SUBMITTED TO THE LOCAL FIRE MARSHAL OFFICE ADDRESS AS DESIGNATED BY BUILDING MANAGEMENT AND RECEIVE THEIR APPROVAL BEFORE ANY INSTALLATION CAN BEGIN. APPROVED DRAWINGS MUST BE AT JOB SITE DURING CONSTRUCTION.
- FIRE PROTECTION CONTRACTOR SHALL CONTACT OWNER, AND LOCAL FIRE DEPARTMENT PRIOR TO COMMENCING WORK. ALL REQUIREMENTS FOR WORKING ON SPRINKLER SYSTEM, INCLUDING FIRE WATCH, ARE TO BE BORNE BY THE FIRE PROTECTION CONTRACTOR.
- THIS CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COORDINATION WORK WITH THE WORK OF OTHER TRADES PRIOR TO INSTALLATION. ISSUES THAT ARISE BECAUSE OF LACK OF COORDINATION WILL BE CORRECTED AT NO COST TO THE OWNER. DUCTWORK, DIFFUSERS, AND LIGHT FIXTURES SHALL HAVE PRIORITY OVER SPRINKLER PIPING AND SPRINKLERS.
- CONTRACTOR SHALL LOCATE AND INSTALL SPRINKLER PER NFPA 13 AND AUTHORITY HAVING JURISDICTION. PROVIDE APPROPRIATE SPRINKLERS AS REQUIRED TO MAINTAIN A FULLY SPRINKLERED BUILDING WITHIN THE SHOWN SPRINKLER ZONE BOUNDARIES.
- PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERATE FIRE PROTECTION SYSTEMS AS INDICATED ON DRAWINGS, AS SPECIFIED, AND IN COMPLIANCE WITH THE STANDARDS OF THE NATIONAL FIRE PROTECTION ASSOCIATION, THE BUILDINGS INSURANCE COMPANY, AND ALL STATE AND LOCAL REGULATIONS.
- ALL WORK WITHIN THE CONTRACT DOCUMENTS, WHICH INCLUDE THIS DRAWING, SHALL BE COMPLETED IN A SAFE WORKMANLIKE MANNER AND IN ACCORDANCE WITH ALL APPLICABLE STATE, LOCAL, AND NATIONAL CODES, REGULATIONS AND ORDINANCES. IF ANY CONFLICTS ARISE BETWEEN THE CONTRACT DOCUMENTS AND THE APPLICABLE CODES, REGULATIONS OR ORDINANCE, THE CONTRACTOR SHALL BE RESPONSIBLE TO HAVE ALL WORK CONFORM TO THE STRICTER OF SAID REQUIREMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS AS REQUIRED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE BOTH A COMPLETE AND COMPLIANT INSTALLATION AS MAY BE DETERMINED BY THE AUTHORITY(S) HAVING JURISDICTION.
- PROTECT NEW WORK FROM DAMAGE OR CONTAMINATION. PROVIDE TEMPORARY PROTECTIVE CAPPING OR TAPED POLYETHYLENE ENCLOSURES OVER PIPING ENDS AND EQUIPMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING MECHANICAL SYSTEMS PRIOR TO PLACING THEM IN SERVICE.
- IN A NEAT AND WORKMANLIKE MANNER. PATCH ANY REMAINING OPENINGS AND FILL EXCESSIVE GAPS; REWORK AND REFINISH TO MATCH ADJACENT STRUCTURES; FLASH AND SEAL ALL FIRE PROTECTION PENETRATIONS THRU WALLS, CEILINGS AND FLOORS WITH METAL FRAMEWORK OR ESCUTCHEONS. ALL OPENINGS SHALL BE PROPERLY SEALED SO AS TO MEET FIRE RATING NEEDS.

FIRE PROTECTION LEGEND

- AREA SHALL BE CONSIDERED ORDINARY HAZARD GROUP 2 WITH A SPRINKLER DENSITY OF 0.2 GPM/SF OVER THE MOST HYDRAULICALLY REMOTE 1500 SF WITH A 250 GPM HOSE STREAM ALLOWANCE

KEYNOTES

KEY	NOTE
FP01	BASE BID: AREA TO BE FULLY SPRINKLERED. MODIFY EXISTING SPRINKLERS AND ASSOCIATED PIPING AS REQUIRED TO ACCOMMODATE NEW FLOOR PLAN.
FP02	EXISTING FIRE SERVICE ENTRANCE.



A6 FIRE PROTECTION PLAN
3/16" = 1'-0" 0' 8"

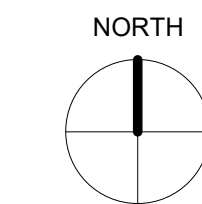
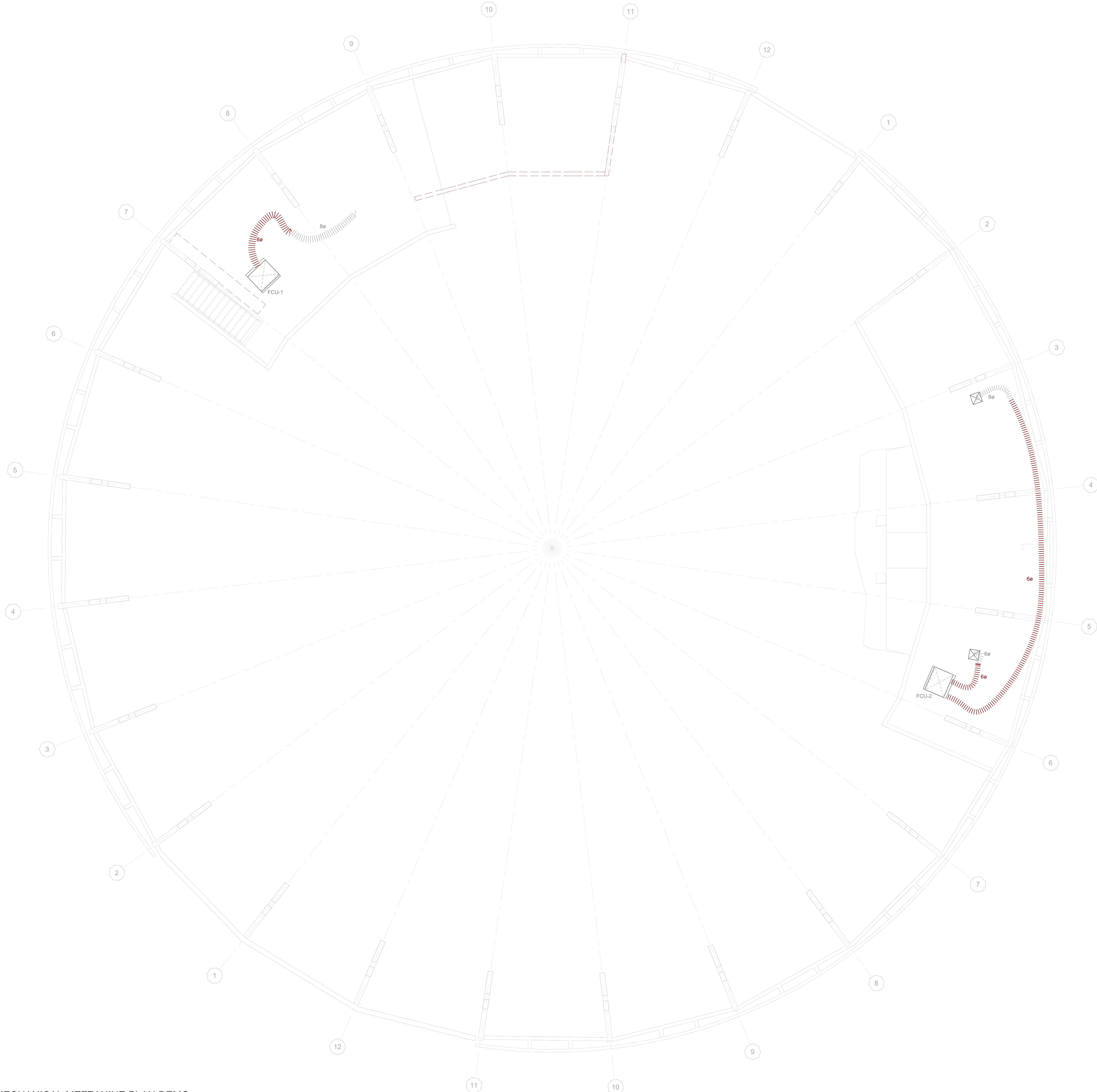
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A B C D E F G H

KEYNOTES	
KEY	NOTE

1
2
3
4
5
6



A6 MECHANICAL MEZZANINE PLAN DEMO
 1/4" = 1'-0" 0' 6"

1
2
3
4
5
6

ICANGLESKA WAKAN CELEBRATION BARN RENOVATION

JOHNSON COUNTY CONSERVATION
 1452 245TH ST NE, SOLON, IA

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**MECHANICAL
 HVAC
 MEZZANINE
 DEMO PLAN**

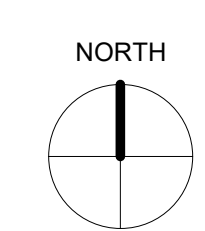
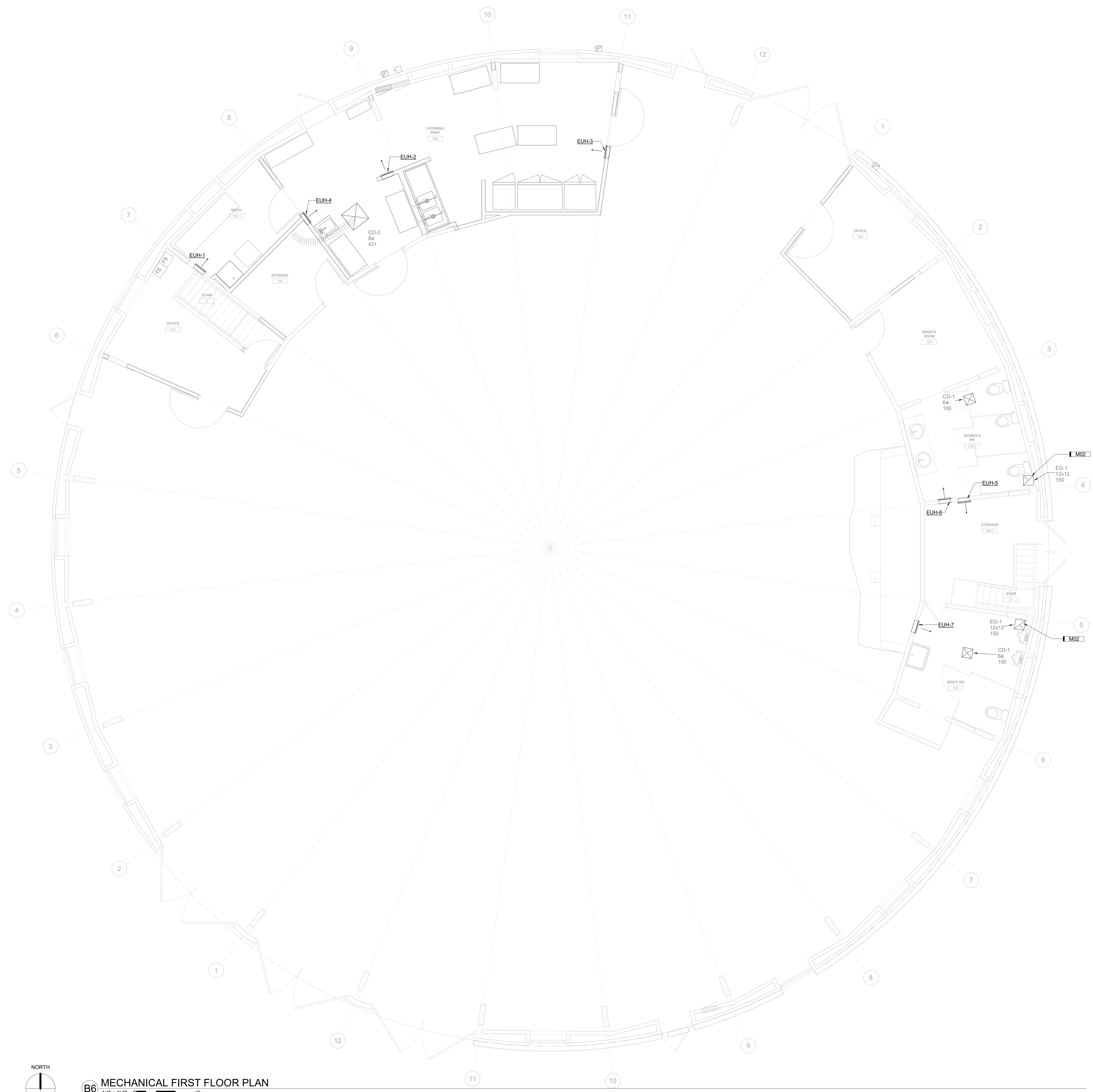
MD01

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Autodesk Revit 2024
 Johnson County Conservation
 1452 245th St NE, Solon, IA 50178
 2025-02-05
 2240009800

KEYNOTES	
KEY	NOTE
M02	EXHAUST FAN IS EXISTING AND AIRFLOW IS ASSUMED



B6 MECHANICAL FIRST FLOOR PLAN
1/4" = 1'-0" 0" 6"

CANGLESKA WAKAN CELEBRATION BARN RENOVATION

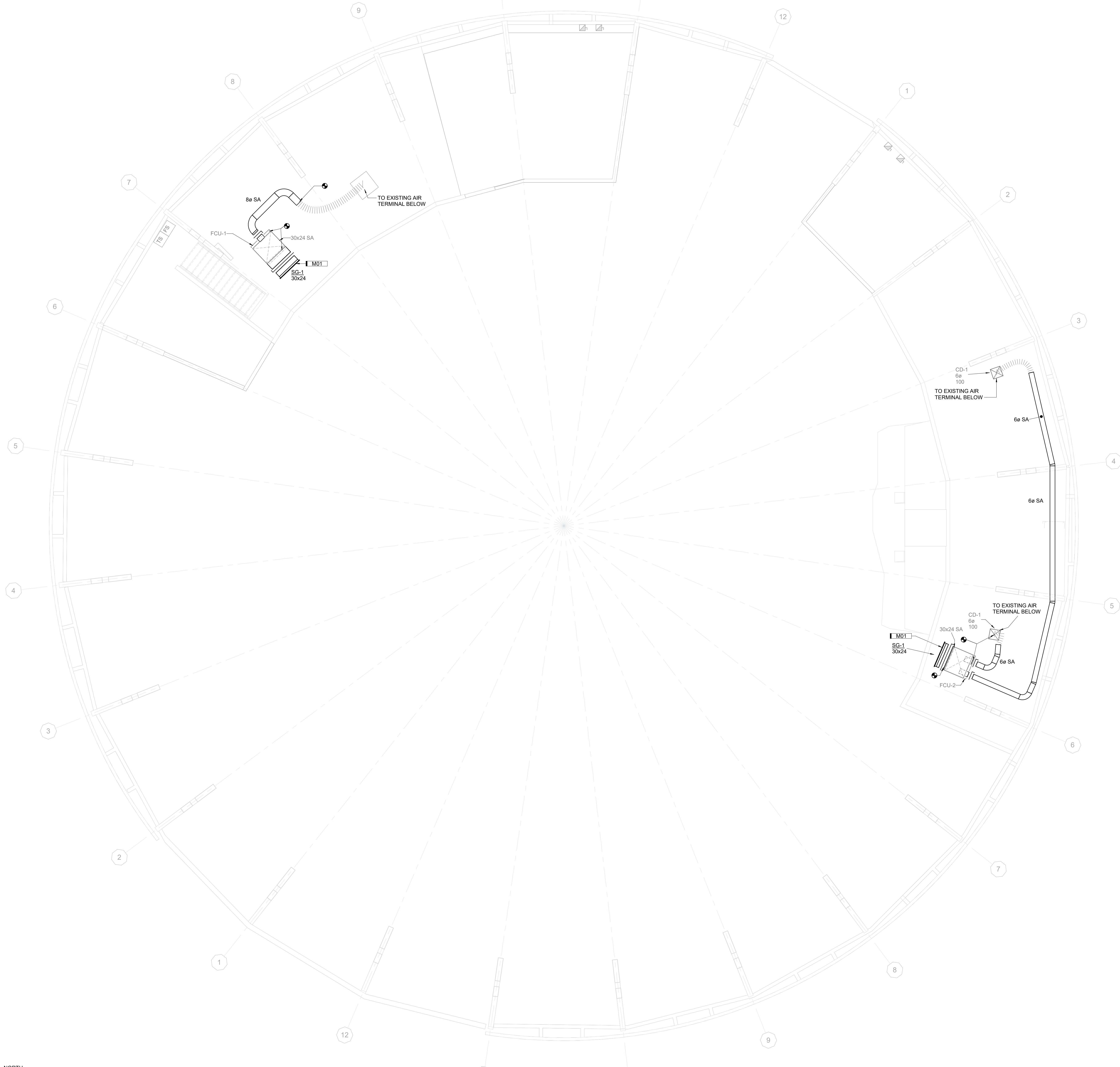
JOHNSON COUNTY CONSERVATION
1482 245TH ST NE, SOLON, IA

DRAWN BY	C/JN
APPROVED BY	J/LD
ISSUED FOR	CONSTRUCTION
ISSUE DATE	2025-02-05
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MECHANICAL FIRST FLOOR PLAN

M101

KEYNOTES	
KEY	NOTE
M01	BALANCE TO PROVIDE REQUIRED AIRFLOW TO SUPPLY DIFFUSERS ON BRANCH DUCTS.



A6 MECHANICAL MEZZANINE PLAN
 1/4" = 1'-0"

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APPROVED BY	JLD
ISSUED FOR	CONSTRUCTION
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**MECHANICAL
 HVAC
 MEZZANINE PLAN**

M202

Autodesk Revit 2024
 AutoCAD 2024
 Microsoft Office 365
 Johnson County Conservation
 14542.245TH ST NE, SOLON, IA

DATE	DESCRIPTION
2025-02-05	ISSUED FOR CONSTRUCTION
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2240009000	PROJECT NUMBER
	FIELD BOOK

ELECTRICAL GENERAL INFORMATION

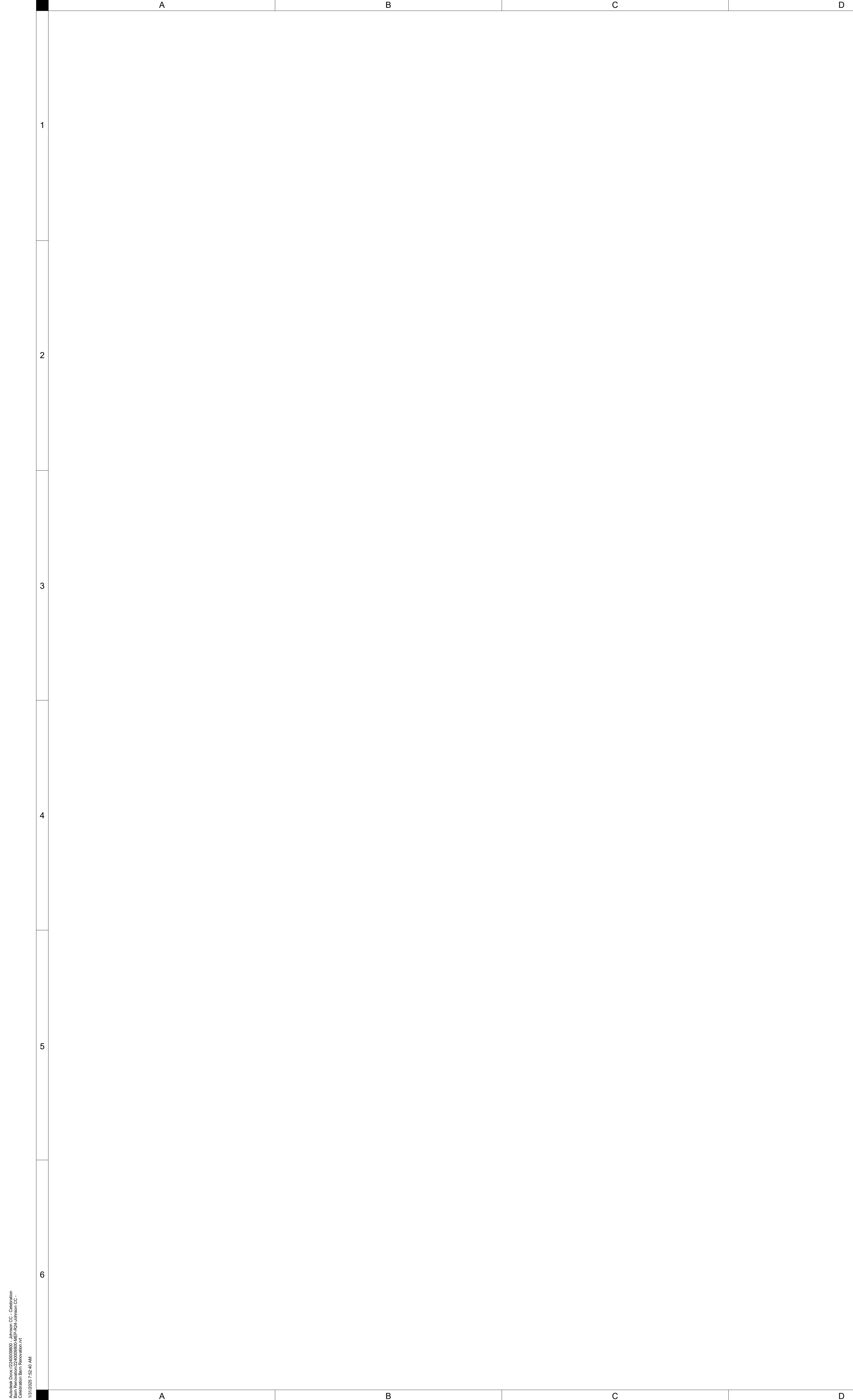
E000

GENERAL		ELECTRICAL SYMBOLS LEGEND		FIRE ALARM	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CONDUIT CONCEALED IN WALL OR OVERHEAD CONDUIT CONCEALED BELOW FLOOR CONDUIT TRANSITION UP CONDUIT TRANSITION DOWN CONDUIT STUBBED OUT BRANCH CIRCUIT HOME RUN CABLE TRAY (TYPE DENOTED) CONDUIT SLEEVE (SIZE DENOTED) KEYNOTE (SEE SCHEDULE) SPECIALTY EQUIPMENT TAG		DUPLEX RECEPTACLE DOUBLE DUPLEX RECEPTACLE FLOOR BOX DUPLEX RECEPTACLE - CEILING MOUNTED DUPLEX RECEPTACLE (CEILING, WALL, AND FLOOR MOUNTED) DIRECT POWER CONNECTION - WALL AND EQUIPMENT HANDHOLE JUNCTION BOX SIMPLEX RECEPTACLE SPLIT DUPLEX RECEPTACLE DUPLEX RECEPTACLE PLUG LOAD CONTROL DOUBLE DUPLEX RECEPTACLE PLUG LOAD CONTROL DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT DOUBLE DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT SURFACE MOUNTED RECEPTACLE, VARIES PER TYPE		FIRE ALARM REMOTE ANNUNCIATOR AREA OF REFUGE - MASTER AREA OF REFUGE - CALL STATION AIR SAMPLING CONTROL PANEL VOICE EVACUATION PANEL FIRE ALARM CONTROL PANEL FIRE ALARM RELAY PANEL FIRE SUPPRESSION CONTROL PANEL FIRE ALARM TRANSDUCER HVAC PRESSURIZATION PANEL NAC POWER SUPPLY FIRE ALARM TRANSCIVER PANEL BEAM SMOKE DETECTOR T = TRANSMITTER/RECEIVER R = REFLECTOR DOOR HOLDER/HOLD OPEN SMOKE DAMPER RELEASE FIRE ALARM SHUT DOWN RELAY SMOKE DETECTOR HEAT DETECTOR LINEAR HEAT DETECTOR DUCT SMOKE DETECTOR REMOTE TEST/STATUS STATION FIREFIGHTER PHONE SPRINKLER FLOW SWITCH SPRINKLER VALVE TAMPER SWITCH MANUAL PULL STATION AUDIO NOTIFICATION DEVICE - CEILING MOUNTED B = BELL C = CHIME H = HORN S = SPEAKER AUDIO NOTIFICATION DEVICE - WALL MOUNTED B = BELL C = CHIME H = HORN S = SPEAKER VISUAL NOTIFICATION DEVICE - CEILING MOUNTED B = BELL C = CHIME H = HORN S = SPEAKER AUDIO/VISUAL NOTIFICATION DEVICE - CEILING MOUNTED B = BELL C = CHIME H = HORN S = SPEAKER AUDIO/VISUAL NOTIFICATION DEVICE - WALL MOUNTED B = BELL C = CHIME H = HORN S = SPEAKER
SYMBOL	DESCRIPTION	EXAMPLE RECEPTACLE TAG			
	SURFACE CYLINDER RECESSED DOWNLIGHT WALL MOUNTED LIGHT FLOOD LIGHT POLE MOUNTED LIGHT SURFACE LIGHT SUSPENDED LINEAR (+ DENOTES POWERED FROM) PENDANT LIGHT RECESSED LINEAR TROFFER LIGHT INDUSTRIAL STRIP LIGHT TRACK AND TRACK LIGHT BOLLARD EMERGENCY LIGHT EXIT SIGN EMERGENCY EXIT SIGN LIGHT FIXTURE ON EMERGENCY CIRCUIT SINGLE POLE SWITCH 3-WAY SWITCH 4-WAY SWITCH DIMMER SWITCH KEYED SWITCH MOMENTARY CONTACT SWITCH OCCUPANCY SENSOR SWITCH SINGLE POLE SWITCH WITH PILOT LIGHT TIMER SWITCH WALL MOUNTED TOUCHPAD OCCUPANCY SENSOR LIGHT LEVEL SENSOR EXTERIOR PHOTOCELL LIGHTING CONTROL DENOTATION	<p>##" - MOUNTING HEIGHT AS INDICATED, IF OMITTED, 18" OR ABOVE COUNTER</p> <p>XX - INDICATES RECEPTACLE CONFIGURATION: AC - ABOVE COUNTER (COORDINATE HEIGHT) BB - BASEBOARD GF - GROUND FAULT CIRCUIT INTERRUPTER HZ - HORIZONTALLY MOUNTED IG - ISOLATED GROUND OC - OCCUPANCY CONTROLLED USB - INTEGRAL USB CHARGER WP - WEATHERPROOF XP - EXPLOSION PROOF</p> <p>BRANCH PANEL WITH CLEARANCE (SURFACE OR RECESS MOUNTED)</p> <p>SPECIAL CABINET TRANSFORMER SURFACE RACEWAY UNDERFLOOR RACEWAY SYSTEM DISCONNECT SWITCH FUSED DISCONNECT SWITCH COMBINATION MOTOR STARTER</p> <p>COMMUNICATION/DATA</p> <p>VOICE/DATA OUTLET (WALL OR CEILING) # - QUANTITY OF RJ-45 JACKS/CABLES, ONE, UNLESS SHOWN OTHERWISE W - DENOTES WALL PHONE WIRELESS ACCESS POINT # - QUANTITY OF RJ-45 JACKS/CABLES, ONE, UNLESS SHOWN OTHERWISE TELEVISION OUTLET SPEAKER (WALL OR CEILING MOUNT)</p>			

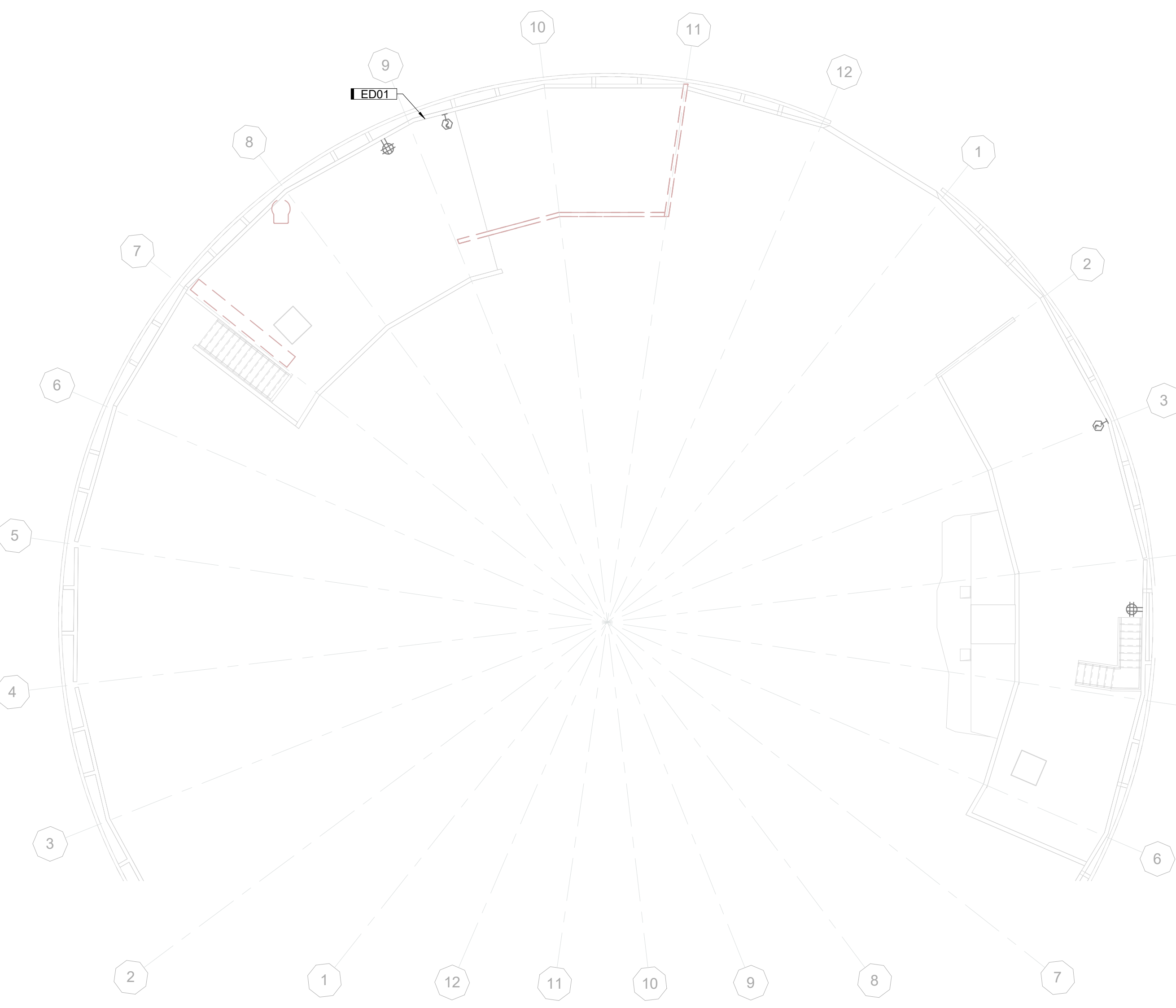
ELECTRICAL ABBREVIATIONS		
A	AMPERE AC ABOVE COUNTER/ALTERNATING CURRENT ACB AIR CIRCUIT BREAKER AF AMPERE RATING OF FUSE AFF ABOVE FINISHED FLOOR AL ALUMINUM ALT ALTERNATE AM AMPMETER AS AMMETER SWITCH AT AMPERE TRIP RATING APPROX APPROXIMATELY ATC AUTOMATIC TEMPERATURE CONTROL ATS AUTOMATIC TRANSFER SWITCH AUTO AUTOMATIC AUX AUXILIARY AWG AMERICAN WIRE GAUGE	B BAS BUILDING AUTOMATION SYSTEM BD BUS DUCT BRKR BREAKER BLDG BUILDING BM BILL OF MATERIALS BUZ BUZZER
C	CONTRACTOR CAB CABINET CB CIRCUIT BREAKER CCTV CLOSED CIRCUIT TELEVISION CKT CIRCUIT CL CENTERLINE CLG CEILING COMM COMMUNICATIONS CONNECT, CONNECTED CONN CONNECTOR CONC CONCRETE COND CONDUCTOR CONTR CONTRACTOR CP CONTROL PANEL CPT CONTROL POWER TRANSFORMER CR CONTROL RELAY CT CURRENT TRANSFORMER CU COPPER	D DC DIRECT CURRENT DIA DIAMETER DIAG DIAGRAM DIM DIMMER CONTROL DISC DISCONNECT DIV DIVISION DN DOWN DP DOUBLE POLE DT DOUBLE THROW DWG DRAWING
E	ELECTRICAL CONTRACTOR EL ELEVATION ELEC ELECTRICAL EMER EMERGENCY EMT ELECTRICAL METALLIC TUBING ENG ENGINEER EPO EMERGENCY POWER OFF ETM ELAPSED (RUN) TIME METER EWC ELECTRIC WATER COOLER EXH EXHAUST EXIST EXISTING	F FUSE FA FIRE ALARM FACP FIRE ALARM CONTROL PANEL FC FOOTCANDLE FDR FEEDER FF FURNITURE FEED FHP FRACTIONAL HORSEPOWER FLEX FLOODLIGHT FLR FLOOR, FLEXIBLE CONDUIT FLR FLOOR FLUOR FLUORESCENT FREQ FREQUENCY
G	GENERAL CONTRACTOR GEC GROUNDING ELECTRODE CONDUCTOR GEN GENERATOR GFI GROUND FAULT CIRCUIT INTERRUPTER GFP GROUND FAULT PROTECTOR GND GROUND, GROUNDING CONDUCTOR GR GROUND ROD GW GROUND WELL	H HGT HEIGHT HH HANDHOLE HID HIGH INTENSITY DISCHARGE HP HORSEPOWER HPS HIGH PRESSURE SODIUM HTR HEATER HZ HERTZ, FREQUENCY IN CYCLES PER SECOND
I	INTERMEDIATE METALLIC CONDUIT INCAND INCANDESCENT INTCONN INTERCONNECTION	J JB JUNCTION BOX JCT JUNCTION
K	KEY OPERATED KCMIL THOUSAND CIRCULAR MILS KV KILOVOLT KVA KILOVOLT-AMPERE KVAR KILOVOLT-AMPERE REACTIVE KW KILOWATT KWH KILOWATT-HOUR	L LG LENGTH LIM LIMIT LPS LOW PRESSURE SODIUM LTG LIGHT LIGHTING LV LOW VOLTAGE LVSS LOW VOLTAGE SURGE SUPPRESSION
M	MAN MANUAL MATL MATERIAL MCC MECHANICAL CONTRACTOR MCC MOTOR CONTROL CENTER MCP MOTOR CIRCUIT PROTECTOR MFR MANUFACTURER MH MANHOLE MIC MICROPHONE MLO MAIN LUGS ONLY MNT MOUNT, MOUNTING MTR MOTOR MVA MANUAL TRANSFER SWITCH MVA MEGAVOLT-AMPERE MVAR MEGAVOLT-AMPERE REACTIVE MW MEGAWATT MWH MEGAWATT-HOUR	N NC NORMALLY CLOSED NF NON-FUSED NIC NOT IN CONTRACT NEC NATIONAL ELECTRICAL CODE NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION NO NORMALLY OPEN NTS NOT TO SCALE
O	OIL CIRCUIT BREAKER OPR OPERATOR, OPERATED OL THERMAL OVERLOAD PROTECTION	P PILOT LIGHT PUSHBUTTON PC PHOTOCCELL PF POWER FACTOR PFM POWER FACTOR METER PNL PANEL PRI PRIMARY PS PRESSURE SWITCH PT POTENTIAL TRANSFORMER PVC POLYVINYLCHLORIDE, PVC CONDUIT PWR POWER
Q	QUANTITY OF RJ-45 JACKS/CABLES, ONE, UNLESS SHOWN OTHERWISE	R RELAY RC REMOTE CONTROL RECP RECEPTACLE REF REFER, REFERENCE REQD REQUIRED RGS RIGID GALVANIZED STEEL CONDUIT
S	SURGE ARRESTER SCHED SCHEDULE SCHM SCHEMATIC SP SINGLE POLE SPKR LOUDSPEAKER ST SINGLE THROW STA STATION STBY STANDBY SUBSTA SUBSTATION SWB SWITCHBOARD SWGR SWITCHGEAR SYNC SYNCHRONIZE, (ING), (ACTION) SYS SYSTEM	T TOP OF TERMINAL BOARD TC TIMECLOCK TCC TEMPERATURE CONTROL CONTRACTOR TDDC TIME DELAY CLOSE ON DENERGIZATION TDC TIME DELAY CLOSE ON ENERGIZATION TDDO TIME DELAY OPEN ON DENERGIZATION TDOE TIME DELAY OPEN ON ENERGIZATION TEP TELEPHONE TEMP TEMPERATURE TERM TERMINAL TSTAT THERMOSTAT TV TELEVISION TYP TYPICAL
U	UNDERGROUND UNO UNLESS NOTED OTHERWISE UNG UNGROUND UPS UNINTERRUPTIBLE POWER SUPPLY	V VOLTS VA VOLT-AMPERE VAR VOLT-AMPERE REACTIVE VERT VERTICAL VFD VARIABLE FREQUENCY DRIVE VM VOLT METER VMT VOLT METER SWITCH
W	WATTS W/ WITH W/O WITHOUT WH WATT-HOUR WP WEATHERPROOF	X XDCR TRANSUDCER XFRM TRANSFORMER XFR TRANSFER XMT TRANSMIT, TRANSMITTER XP EXPLOSION PROOF

- ELECTRICAL**
- ALL WORK SHALL BE IN CONFORMANCE WITH THE NATIONAL ELECTRICAL CODE - LATEST EDITION ADOPTED BY THE STATE, THE STATE AMENDMENTS, LOCAL/MUNICIPAL CODES AND ORDINANCES, AND THE AUTHORITY HAVING JURISDICTION. THE COMPLETE INSTALLATION SHALL BE ACCORDANCE WITH THE ADAAG (AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES).
 - IT IS THE INTENT OF THESE DOCUMENTS TO COMPLY WITH THE APPLICABLE CODES WHERE DISCREPANCIES OCCUR. NOTIFY THE ENGINEER/ARCHITECT IN WRITING FOR INTERPRETATION. CORRECT ANY INSTALLATION THAT FAILS TO COMPLY WITH THE CODES AND STANDARDS AT NO ADDITIONAL COST TO THE OWNER.
 - CONTRACTOR SHALL PROVIDE ALL WORK NECESSARY INCLUDING ALL LABOR, MATERIALS, PERMITS, TAXES, FEES, INSPECTIONS, HARDWARE, AND COST FOR INSTALLATION FOR A COMPLETE AND OPERATIONAL SYSTEM.
 - ALL MATERIALS FURNISHED BY THE CONTRACTOR SHALL BE NEW, COMPLETE WITH MANUFACTURER'S GUARANTEE OR WARRANTY AND SHALL BE LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL).
 - COORDINATE ELECTRICAL INSTALLATION WITH ALL TRADES PRIOR TO INSTALLATION. IF ELECTRICAL WORK INSTALLED INTERFERES WITH OTHER TRADES AFTER INSTALLATION, THE CONTRACTOR SHALL MAKE ALL NECESSARY CHANGES TO CORRECT THE CONDITION AT NO ADDITIONAL COST TO THE OWNER.
 - DRAWINGS ARE DIAGRAMMATIC. ALL DIMENSIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY ALL FURNITURE, MODULAR FURNITURE, AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS AND REVIEWED SHOP DRAWINGS. PRIOR TO MAKING THE ACTUAL ELECTRICAL INSTALLATION THIS CONTRACTOR SHALL ADJUST CONNECTION LOCATIONS TO ACCOMMODATE FURNITURE AND/OR EQUIPMENT.
 - ALL ELECTRICAL PANELS WITH ANY BRANCH CIRCUIT/LOAD REVISIONS (DEMOLITION OR NEW WORK) SHALL HAVE A NEW TYPED UPDATED CIRCUIT DIRECTORY CARD INSTALLED INSIDE THE DOOR OF THE ELECTRICAL PANEL. THE CONTRACTOR SHALL VERIFY THAT ALL UNUSED CIRCUIT BREAKERS ARE TURNED OFF AND PROPERLY INDICATED AS SPARE ON THE NEW CIRCUIT DIRECTORY CARD. THE CONTRACTOR SHALL INSTALL FILLER PLATES WHERE BREAKERS ARE REMOVED AS PART OF THIS PROJECT OR HAVE BEEN REMOVED PREVIOUSLY.
 - NO ENERGIZED CONDUCTORS SHALL BE EXPOSED AT ANYTIME EXCEPT WHEN THE IMMEDIATE AREA IS UNDER THE SUPERVISION OF A QUALIFIED ELECTRICIAN.
 - WHERE CONDUIT IS SURFACE MOUNTED TO A WALL AND RUN VERTICALLY DOWN TO A SWITCH/OUTLET BOX, UTILIZE 1-HOLE OR 2-HOLE CONDUIT STRAPS.
 - REFER TO THE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF BUILDING EXPANSION JOINTS. ALL CONDUITS CROSSING EXPANSION JOINTS SHALL BE INSTALLED WITH EXPANSION FITTINGS, UNLESS THE CONDUIT IS BELOW SLAB IN THE COMPACTED GRANULAR FILL. EXPANSION FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, AND MANUFACTURE'S WRITTEN RECOMMENDATIONS.
 - PENETRATIONS THROUGH FIRE RATED WALLS BY DIVISION 26 CONTRACTOR SHALL BE SEALED WITH APPROPRIATE FIRE PROOFING MATERIAL TO RESTORE FIRE RATING. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE RATED WALLS.
 - THE CONTRACTOR SHALL KEEP THE WORK AREA CLEAN OF ALL DEBRIS ON A DAILY BASIS. ALL NEW MATERIALS AWAITING INSTALLATION SHALL BE KEPT IN AREAS DESIGNATED BY THE OWNER.
 - THESE DRAWINGS SHALL NOT BE SCALED TO OBTAIN DIMENSIONS. REFER TO DIMENSIONED ARCHITECTURAL FLOOR PLANS. IF THE DIMENSIONS CANNOT BE DETERMINED BY THE INFORMATION GIVEN, CONTRACTOR SHALL CONTACT THE ENGINEER FOR ADDITIONAL INFORMATION.
 - PERIODIC SITE OBSERVATION BY THE ENGINEER IS SOLELY FOR THE PURPOSE OF DETERMINING IF THE WORK OF THE CONTRACTOR IS PROCEEDING IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHOULD NOT BE CONSTRUED AS EXHAUSTIVE OR CONTINUOUS TO CHECK THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER PERIODIC IN AN EFFORT TO GUARD THE OWNER AGAINST DEFECTS OR DEFICIENCIES IN THE WORK OF THE CONTRACTOR.
 - THE INFORMATION CONTAINED ON THE ELECTRICAL DRAWINGS IS IN ITSELF INCOMPLETE AND VOID UNLESS USED IN CONJUNCTION WITH ALL OTHER DISCIPLINE DRAWINGS. THE SPECIFICATIONS, TRADE PRACTICES, OR APPLICABLE STANDARDS, CODES, ETC., AND SHALL BE CONSIDERED THE CONTRACT DOCUMENTS AND WITH ALL THEREIN BY REFERENCE, WHICH THE CONTRACTOR ACKNOWLEDGES HIS KNOWLEDGE OF BY SIGNING THE CONTRACT.
 - CONTRACTOR IS TO ASSUME FULL RESPONSIBILITY, UNRELIEVED BY REVIEW OF SHOP DRAWINGS OR PERIODIC OBSERVATION OF CONSTRUCTION, FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. FOR DIMENSIONS TO BE CONFIRMED AND CORRELATED ON THE JOB SITE AND BETWEEN INDIVIDUAL DRAWINGS OR SETS OF DRAWINGS FOR FABRICATION PROCESSES AND CONSTRUCTION TECHNIQUES (INCLUDING EXCAVATION, SHORING, SCAFFOLDING, BRACING, ERECTION, FORM WORK, ETC.), FOR COORDINATION OF THE VARIOUS TRADES, AND FOR SAFE CONDITIONS ON THE JOB SITE. VARIATIONS IN FIELD CONDITIONS RELATIVE TO THE CONTRACT DOCUMENTS SHALL BE REPORTED TO THE ENGINEER AS SOON AS THEY ARE FOUND. WORK SHALL NOT PROGRESS UNTIL WRITTEN PERMISSION FROM THE ENGINEER IS OBTAINED.

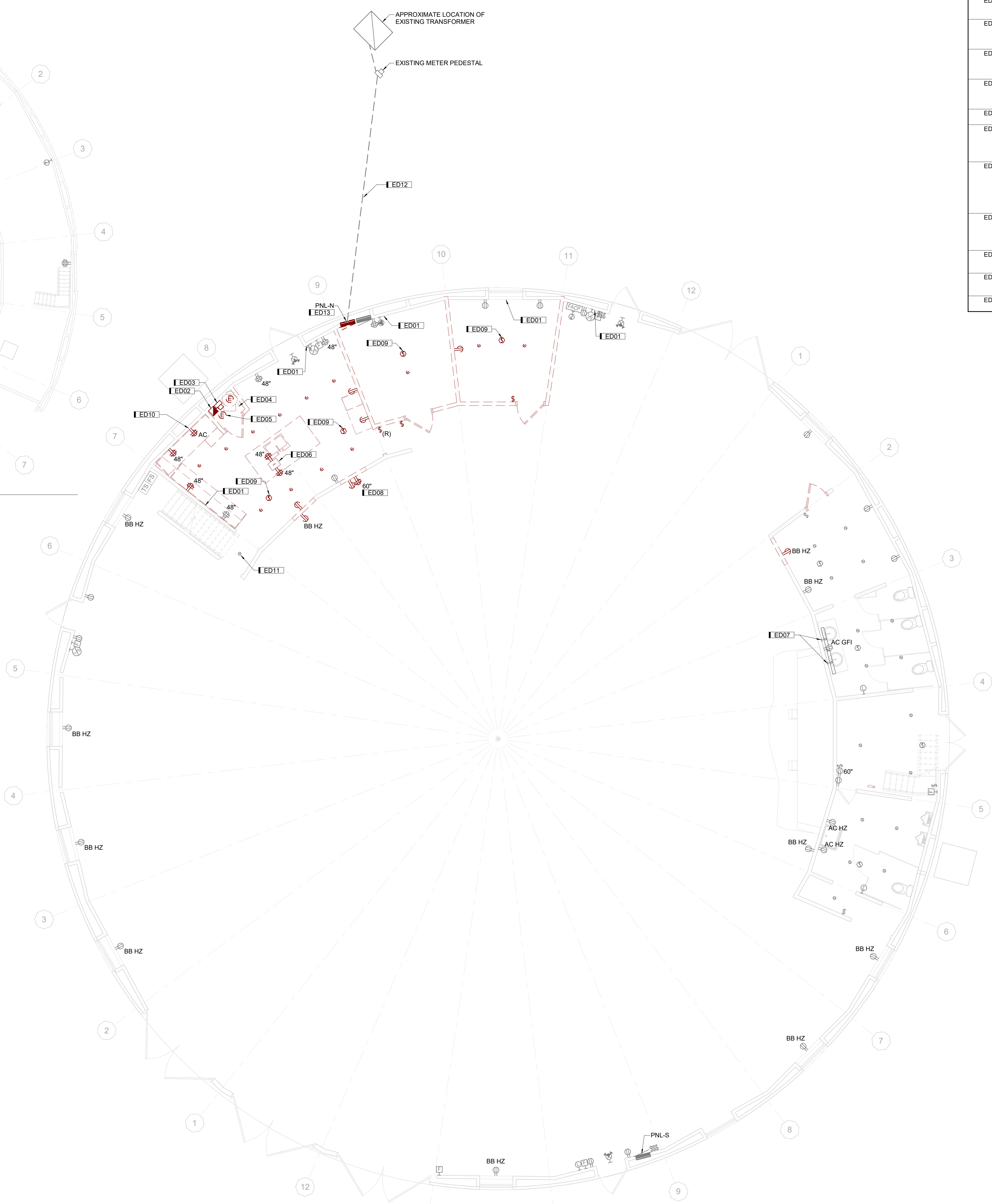
- ELECTRICAL DEMOLITION**
- LIGHT LINES INDICATE EXISTING WALLS AND EQUIPMENT TO REMAIN. DASHED LINES INDICATE WALLS, EQUIPMENT, AND ELECTRICAL ITEMS TO BE REMOVED.
 - COORDINATE PATCHING REQUIREMENTS FOR UNUSED OPENINGS WITH THE GENERAL CONTRACTOR. GENERAL CONTRACTOR SHALL PATCH ALL UNUSED OPENINGS. PATCHWORK SHALL MATCH MATERIALS, FINISH, AND TEXTURE OF ADJACENT SURFACES.
 - FIRE ALARM - REMOVE EXISTING CEILING MOUNTED DEVICES TO PERMIT REMOVAL OF CEILING. WALL MOUNTED NOTIFICATION DEVICES SHALL BE DEMOLISHED. COORDINATE WORK WITH PROJECT PHASING TO MAINTAIN FIRE ALARM SYSTEM PROTECTION OF SPACES AT ALL TIMES. INCLUDE COSTS OF ALL TEMPORARY DEVICES IN THE BID.
 - SECURITY/SURVEILLANCE - EXISTING DEVICES TO BE REMOVED BY SYSTEMS VENDOR. CONTRACTOR SHALL REMOVE ASSOCIATED CABLING, ROUGH-IN, AND POWER WIRING. PRIOR TO ANY DEMOLITION IDENTIFY AND PROTECT CABLING REQUIRED TO MAINTAIN THE SYSTEM IN AREAS THAT WILL NOT BE REMODELED.
 - COORDINATE DISPOSAL OF ALL ITEMS NOT REQUESTED AS SALVAGE BY THE OWNER.
 - TELEPHONE AND DATA HORIZONTAL CABLING SHALL BE REMOVED COMPLETELY BACK TO THE FIRST REMAINING DISTRIBUTION FRAME. PROTECT FIBER OPTIC AND COPPER TRUNK CABLING SERVING DISTRIBUTION RACKS.
 - UNDERGROUND LIGHT FIXTURES, WALL SWITCHES, OCCUPANCY SENSORS, AND ASSOCIATED WIRING. VERIFY AND MAINTAIN CONNECTION TO EXISTING LIGHTING THAT WILL NOT BE REMOVED BUT ARE ON COMMON CIRCUITS WITH ITEMS TO BE REMOVED.
 - DISCONNECT OUTLETS, WIRING, AND OTHER NOTED EQUIPMENT TO PERMIT DEMOLITION OF WALLS. VERIFY AND MAINTAIN CONNECTION TO EXISTING OUTLETS THAT WILL NOT BE REMOVED BUT ARE ON COMMON CIRCUITS WITH ITEMS TO BE REMOVED.
 - DRAWINGS DO NOT IDENTIFY ALL OUTLETS, SWITCHES, CABLING, OR EQUIPMENT TO BE REMOVED. CONTRACTOR SHALL BECOME FAMILIAR WITH THE SITE PRIOR TO BIDDING AND INCLUDE LABOR AND MATERIAL NECESSARY FOR REQUIRED DEMOLITION IN THEIR BID.
 - WIRING SHALL BE REMOVED BACK TO SERVING PANEL. INSTALLATION OF NEW CONDUCTORS IN EXISTING CONDUITS WILL BE PERMITTED AS DESCRIBED IN THE DIVISION 26 SPECIFICATIONS.
 - HVAC EQUIPMENT NOTED FOR REMOVAL IS FOR REFERENCE ONLY. THE ELECTRICAL CONTRACTOR SHALL REVIEW THE MECHANICAL SYSTEMS DEMOLITION PLANS AND INCLUDE ALL LABOR AND MATERIAL NECESSARY TO FACILITATE REMOVAL OF EQUIPMENT AS SHOWN ON THOSE DRAWINGS. THIS SHALL INCLUDE ALL ITEMS NOTED ON EITHER THE PLUMBING OR MECHANICAL SERIES OF DRAWINGS.



KEYNOTES	
KEY	NOTE
ED01	EXISTING DEVICES ALONG WALL TO REMAIN. PROTECT ELECTRICAL DEVICES, FACELATES AND ASSOCIATED JUNCTION BOXES DURING DEMOLITION PHASE.
ED02	DISCONNECT AND REMOVE EXISTING STANDALONE CIRCUIT BREAKER AND ALL ASSOCIATED JUNCTION BOXES AND WIRING FROM EXISTING TO REMAIN WALL. RETURN ALL UNUSED EQUIPMENT TO OWNER.
ED03	DISCONNECT AND REMOVE EXISTING UTILITY METER FROM EXISTING TO REMAIN WALL. RETURN ALL UNUSED EQUIPMENT TO OWNER.
ED04	DISCONNECT AND REMOVE EXISTING WATER HEATER, ASSOCIATED WIRING AND JUNCTION BOXES FROM EXISTING TO REMAIN WALL. RETURN ALL UNUSED EQUIPMENT TO OWNER.
ED05	DISCONNECT AND REMOVE EXISTING WELL PUMP, ASSOCIATED WIRING AND JUNCTION BOXES FROM EXISTING TO REMAIN WALL. RETURN ALL UNUSED EQUIPMENT TO OWNER.
ED06	DISCONNECT AND REMOVE ELECTRICAL DEVICES, ASSOCIATED WIRING AND JUNCTION BOXES FROM DEMOLISHED COLUMN. RETURN ALL UNUSED DEVICES TO OWNER.
ED07	PROTECT EXISTING TO REMAIN VANTY LIGHTING AND ASSOCIATED CONDUIT WITHIN EXISTING ROOM.
ED08	DISCONNECT AND REMOVE EXISTING TV FROM DEMOLISHED WALL LOCATION AND PREPARE TO RELOCATE TO NEW WALL. SEE ARCHITECTURE EQUIPMENT PLANS FOR NEW LOCATION. RETURN ALL UNUSED EQUIPMENT & FIXTURES TO OWNER.
ED09	DISCONNECT AND SALVAGE EXISTING FIRE ALARM DEVICE. DEMOLISH ASSOCIATED WIRING BACK TO NEAREST ACTIVE JUNCTION BOX. PREPARE FOR THE REINSTALLATION OF DEVICE AND EXTENSION OF FIRE ALARM CABLING IDENTIFIED DURING DEMOLITION TO NEW CEILING LOCATION. RETURN ALL UNUSED DEVICES TO OWNER.
ED10	DISCONNECT EXISTING RECEPTACLE, SALVAGE ASSOCIATED WIRING, JUNCTION BOXES AND BACKBOX. PREPARE FOR THE INSTALLATION OF NEW GFI RECEPTACLE IN PLACE OF EXISTING BACKBOX. RETURN ALL UNUSED DEVICES TO OWNER.
ED11	PROTECT EXISTING TO REMAIN RECESSED CAN LIGHT AND ALL ASSOCIATED CONDUIT WITHIN EXISTING SPACE.
ED12	REMOVE, SAVE, AND STOCKPILE SITE BRICKS ON OWNER PROVIDED PALLETS FOR INSTALLATION OF THE NEW ELECTRICAL SERVICE.
ED13	SALVAGE AND RECONNECT ALL EXISTING CIRCUITS TO NEW ELECTRICAL PANEL.



A3 MEZZANINE DEMOLITION PLAN
1/8" = 1'-0" 0" 12"



C6 FIRST FLOOR ELECTRICAL DEMOLITION PLAN
3/16" = 1'-0" 0" 8"

ICANGLESKA WAKAN CELEBRATION BARN RENOVATION

JOHNSON COUNTY CONSERVATION
14342 245TH ST NE, SOLON, IA

DRAWN BY	BKK
APPROVED BY	MMG
ISSUED FOR	CONSTRUCTION
ISSUE DATE	2025-02-05
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ELECTRICAL DEMOLITION PLAN

ED01

DRAWN BY	BRK
APPROVED BY	MKG
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ELECTRICAL LIGHTING PLAN

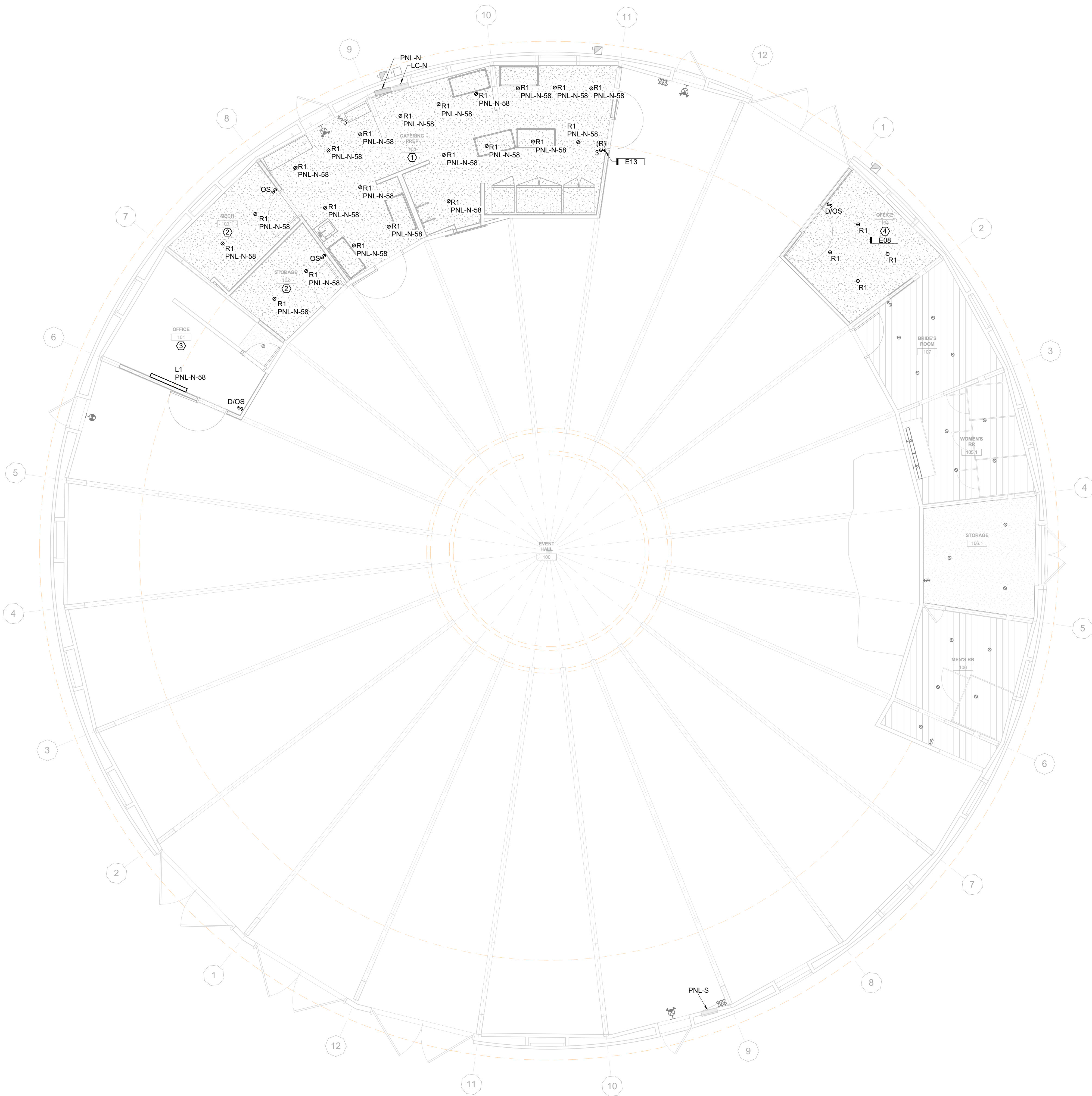
E100

LIGHTING

- 1. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR WIRING ALL ELECTRICAL ITEMS SHOWN ON THIS DRAWING.
- 2. ALL RECESSED LIGHTING FIXTURES IN LAY-IN CEILINGS SHALL BE INSTALLED WITH 6' LONG FLEXIBLE METAL CONDUIT.
- 3. ALL MOUNTING HEIGHTS FOR LIGHTING FIXTURES ARE TO THE BOTTOM OF THE FIXTURES UNLESS INDICATED OTHERWISE.
- 4. SEE ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING HEIGHTS OF EXTERIOR LIGHTING FIXTURES.
- 5. CONDUIT AND WIRE SHALL NOT BE INSTALLED BELOW FLOOR SLAB UNLESS INDICATED ON PLAN BY DASHED CONDUIT.
- 6. ANY MODIFICATIONS TO THE NUMBER, SIZE, AND TYPE OF WIRES OR CONDUITS FROM THOSE INDICATED ON THIS DRAWING ARE PROHIBITED.

KEYNOTES

KEY	NOTE
E08	CONNECT NEW 'OFFICE 104' LIGHTING TO EXISTING LOCAL LIGHTING CIRCUIT SERVING ADJACENT 'BRIDES ROOM 107'.
E13	INSTALL RELOCATED 3-WAY SWITCH IDENTIFIED DURING DEMOLITION TO NEW WALL LOCATION.



C6 ELECTRICAL LIGHTING RCP
3/16" = 1'-0"

DRAWN BY	BKK
APPROVED BY	MMG
ISSUED FOR	CONSTRUCTION
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ELECTRICAL
POWER &
SYSTEMS PLAN

E200

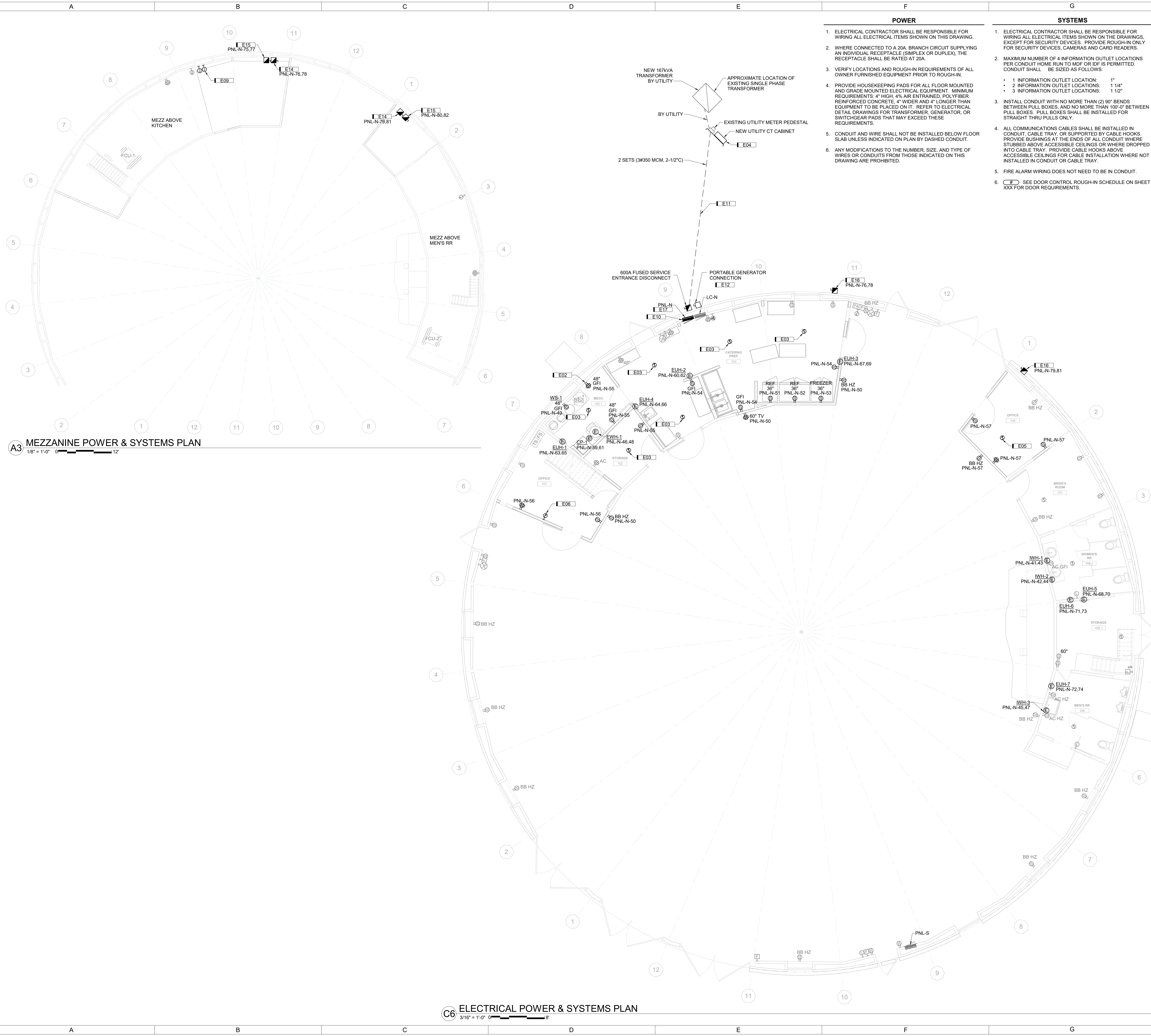
KEYNOTES	
KEY	NOTE
E02	PROVIDE NEW GFI RECEPTACLE IN PLACE OF EXISTING RECEPTACLE BACKBOX. CONNECT TO EXISTING CIRCUIT IDENTIFIED DURING DEMOLITION.
E03	REINSTALL EXISTING FIRE ALARM DEVICE TO NEW CEILING LOCATION. EXTEND SALVAGED FIRE ALARM WIRING IDENTIFIED DURING DEMOLITION RECESSED WITHIN NEW CEILING.
E04	PROVIDE NEW EXTERIOR RATED EXTENSION TO EXISTING GROUND MOUNTED UNISTRUT RACK SERVING UTILITY METER. FOR NEW CT CABINET BY LINN COUNTY REC. MATCH EXISTING UNISTRUT PROPERTIES.
E05	PROVIDE NEW FIRE ALARM DEVICE TO NEW CEILING LOCATION. EXTEND WIRING TO EXISTING LOCAL FIRE ALARM CONTROL PANEL. MATCH EXISTING FIRE ALARM DEVICE MANUFACTURER AND PROPERTIES.
E06	PROVIDE NEW FIRE ALARM DEVICE TO NEW WALL LOCATION. EXTEND WIRING TO EXISTING LOCAL FIRE ALARM CONTROL PANEL. MATCH EXISTING FIRE ALARM DEVICE MANUFACTURER AND PROPERTIES OF EXISTING CEILING MOUNTED FIRE ALARM DEVICES.
E09	INSTALL TWO (2) JUNCTION BOXES ON MEZZANINE LEVEL FOR FUTURE HVAC EXTENSION.
E10	STUB-UP TWO (2) EMPTY 1-1/2" CONDUITS FROM TOP OF PANEL TO ABOVE KITCHEN. LABEL FOR FUTURE HVAC.
E11	LEAVE 4" BELOW FINISHED GRADE FOR OWNER TO FINALIZE RE-INSTALLATION OF SITE PAVERS.
E12	INSTALL DOUBLE THROW DISCONNECT SWITCH FOR GENERATOR CONNECTION. DEVICE SHOULD BE NON-FUSIBLE, 4 POLE, 4 WIRE, 240VAC, 500A, TYPE NEMA3R. BASIS OF DESIGN IS SQUARE D DTU426R.
E14	PROVIDE 30AF, 20AT FUSED DISCONNECT, AND 2#10, 1#10G, 3/4" FEEDER TO DISCONNECT FROM PANEL. PNL-N, AIR HANDLER EQUIPMENT PROVIDED BY OTHERS.
E15	PROVIDE 60AF, 60AT FUSED DISCONNECT, AND 2#6, 1#10G, 1" FEEDER TO DISCONNECT FROM PANEL. PNL-N, HEAT STRIP EQUIPMENT PROVIDED BY OTHERS.
E16	PROVIDE 30AF, 30AT FUSED DISCONNECT AND 2#10, 1#10G, 3/4" FEEDER TO DISCONNECT FROM PANEL. PNL-N, A/C EQUIPMENT PROVIDED BY OTHERS.
E17	PROVIDE #10 GROUND WIRE TO NEW PANEL IN PLACE OF EXISTING. BOND TO EXISTING WATER PIPING OR EXISTING GROUNDING SYSTEM ON SITE.

POWER

- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR WIRING ALL ELECTRICAL ITEMS SHOWN ON THIS DRAWING.
- WHERE CONNECTED TO A 20A BRANCH CIRCUIT SUPPLYING AN INDIVIDUAL RECEPTACLE (SIMPLEX OR DUPLEX), THE RECEPTACLE SHALL BE RATED AT 20A.
- VERIFY LOCATIONS AND ROUGH-IN REQUIREMENTS OF ALL OWNER FURNISHED EQUIPMENT PRIOR TO ROUGH-IN.
- PROVIDE HOUSEKEEPING PADS FOR ALL FLOOR MOUNTED AND GRADE MOUNTED ELECTRICAL EQUIPMENT. MINIMUM REQUIREMENTS: 4" HIGH, 4% AIR ENTRAINED, POLYFIBER REINFORCED CONCRETE, 4" WIDER AND 4" LONGER THAN EQUIPMENT TO BE PLACED ON IT. REFER TO ELECTRICAL DETAIL DRAWINGS FOR TRANSFORMER, GENERATOR, OR SWITCHGEAR PADS THAT MAY EXCEED THESE REQUIREMENTS.
- CONDUIT AND WIRE SHALL NOT BE INSTALLED BELOW FLOOR SLAB UNLESS INDICATED ON PLAN BY DASHED CONDUIT.
- ANY MODIFICATIONS TO THE NUMBER, SIZE, AND TYPE OF WIRES OR CONDUITS FROM THOSE INDICATED ON THIS DRAWING ARE PROHIBITED.

SYSTEMS

- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR WIRING ALL ELECTRICAL ITEMS SHOWN ON THE DRAWINGS, EXCEPT FOR SECURITY DEVICES. PROVIDE ROUGH-IN ONLY FOR SECURITY DEVICES, CAMERAS AND CARD READERS.
- MAXIMUM NUMBER OF 4 INFORMATION OUTLET LOCATIONS PER CONDUIT HOME RUN TO MDF OR IDF IS PERMITTED. CONDUIT SHALL BE SIZED AS FOLLOWS:
 - 1 INFORMATION OUTLET LOCATION: 1"
 - 2 INFORMATION OUTLET LOCATIONS: 1 1/4"
 - 3 INFORMATION OUTLET LOCATIONS: 1 1/2"
- INSTALL CONDUIT WITH NO MORE THAN (2) 90° BENDS BETWEEN PULL BOXES, AND NO MORE THAN 100'-0" BETWEEN PULL BOXES. PULL BOXES SHALL BE INSTALLED FOR STRAIGHT THRU PULLS ONLY.
- ALL COMMUNICATIONS CABLES SHALL BE INSTALLED IN CONDUIT, CABLE TRAY, OR SUPPORTED BY CABLE HOOKS. PROVIDE BUSHINGS AT THE ENDS OF ALL CONDUIT WHERE STUBBED ABOVE ACCESSIBLE CEILING OR WHERE DROPPED INTO CABLE TRAY. PROVIDE CABLE HOOKS ABOVE ACCESSIBLE CEILING FOR CABLE INSTALLATION WHERE NOT INSTALLED IN CONDUIT OR CABLE TRAY.
- FIRE ALARM WIRING DOES NOT NEED TO BE IN CONDUIT.
- SEE DOOR CONTROL ROUGH-IN SCHEDULE ON SHEET XXX FOR DOOR REQUIREMENTS.



A3 MEZZANINE POWER & SYSTEMS PLAN
1/8" = 1'-0"

C6 ELECTRICAL POWER & SYSTEMS PLAN
3/16" = 1'-0"

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LIGHTING FIXTURE SCHEDULE
CATALOG NUMBER SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. THE DESCRIPTION AND THE SPECIFICATIONS SHALL BE COORDINATED WITH THE CATALOG NUMBER TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED.

LIGHTING CONTROLS SEQUENCE OF OPERATION
MAN: MANUAL, AUTO: AUTOMATIC OFF OR AUTOMATIC ON AS SHOWN, DL: DAYLIGHT SENSING, EM: EMERGENCY LIGHTING
SPACE TYPE, SPACE TYPE PLAN MARK, ON: MAN, AUTO, OFF: MAN, AUTO, TIME DELAY, DIMMING: MAN, TYPE, DL, EM: UL924

LIGHTING CONTROL DEVICE SCHEDULE
GENERAL NOTES:
1. DEVICE COLORS TO BE SELECTED DURING SHOP DRAWING REVIEW.
2. PROVIDE NECESSARY ROOM CONTROLLERS AND CABLING AS REQUIRED FOR A COMPLETE INSTALLATION.

ELECTRICAL AND MECHANICAL COORDINATION SCHEDULE
GENERAL NOTES:
MOCP SIZES SHOWN BELOW ARE FOR BIDDING PURPOSES ONLY. VERIFY MOCP WITH EQUIPMENT NAME PLATE DATA PRIOR TO ORDERING EQUIPMENT.

LIGHTING FIXTURE SCHEDULE (LC-N)
BRANCH PANEL NAME: LC-N, VOLTAGE: 240/120 Single, PHASE: 1, WIRE: 3, BUS SIZE: 100, MAIN OCP: 100 A, AIC RATING: EXISTING
ROOM: KITCHEN 103, MLO PANEL, EXISTING LOAD CENTER - NORTH

LIGHTING FIXTURE SCHEDULE (PNL-N)
BRANCH PANEL NAME: PNL-N, VOLTAGE: 240/120 Single, PHASE: 1, WIRE: 3, BUS SIZE: 600 AMP, MAIN OCP: MLO, AIC RATING: 35,000 AMP SYMMETRICAL
ROOM: KITCHEN 103, NEW PANEL (IN PLACE OF EXISTING) NORTH KITCHEN/STORAGE

LIGHTING FIXTURE SCHEDULE (PNL-S)
BRANCH PANEL NAME: PNL-S, VOLTAGE: 240/120 Single, PHASE: 1, WIRE: 3, BUS SIZE: 200 AMP, MAIN OCP: 200 A, AIC RATING: EXISTING
ROOM: EVENT HALL 100, EXISTING PANEL - SOUTH EVENT HALL

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SHIVE-HATTERY ARCHITECTURE+ENGINEERING

ICANGLESKA WAKAN CELEBRATION BARN RENOVATION

JOHNSON COUNTY CONSERVATION 14042 245TH ST NE, SOLON, IA

ELECTRICAL SCHEDULES E500