

ISSUE DATES:
CONSTRUCTION DOCUMENTS: 02/19/2025

No.	Description	Date

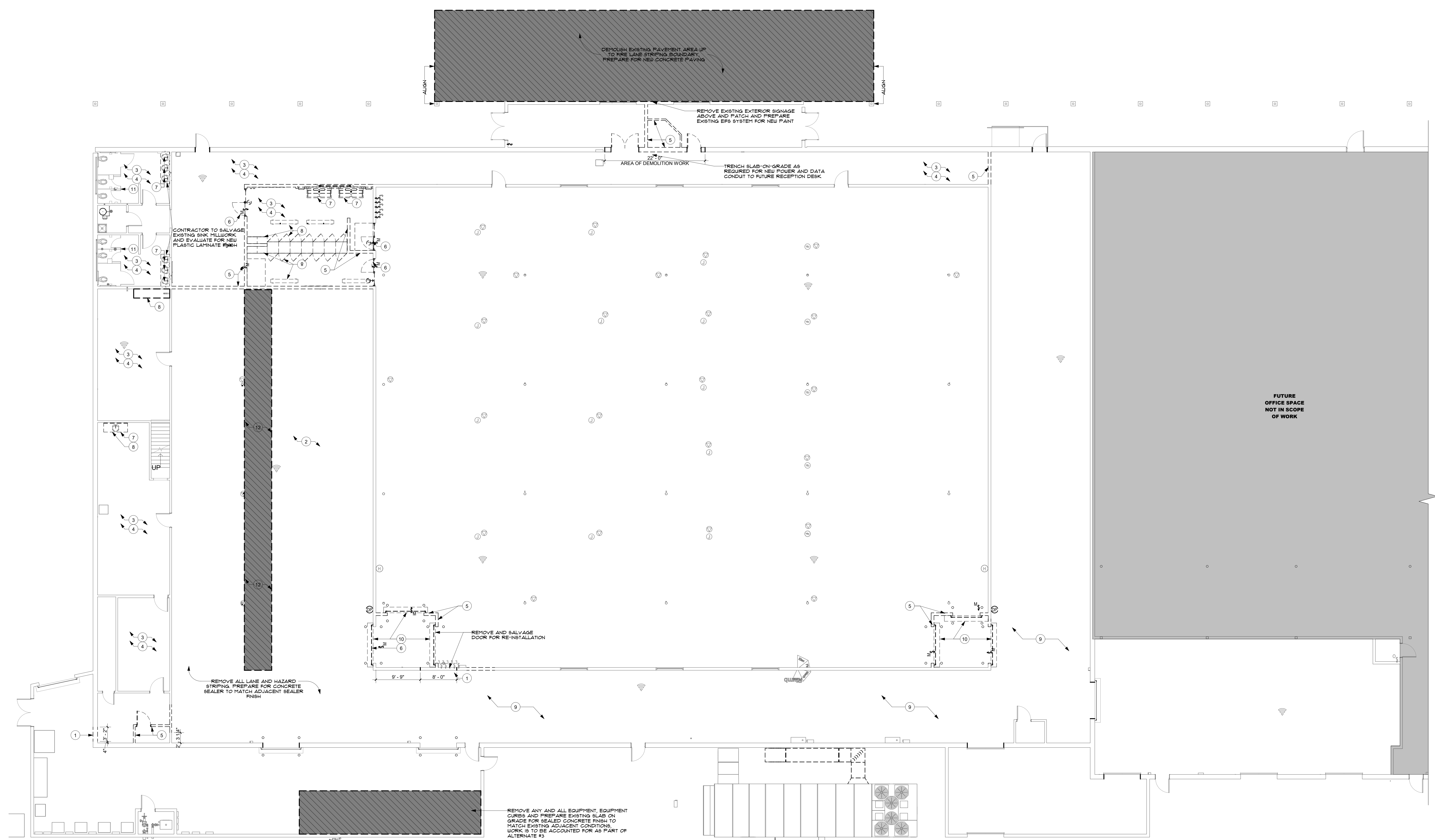
DEMOLITION LEGEND

- EXISTING PARTITIONS, WIDTH OF PARTITION VARIES
- ▨ REMOVE EXISTING CONCRETE SLAB
- - - - - ITEM TO BE DEMOLISHED
- (X) DEMOLITION KEYNOTE

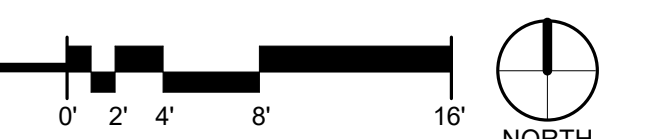
DEMOLITION KEYNOTES

- 1 REMOVE PORTION OF PARTITION TO RECEIVE NEW DOOR. PREPARE SURROUNDING EXISTING FINISHES FOR DOOR FRAME.
- 2 REMOVE EXISTING CEILING, LIGHTING, HVAC COMPONENTS, ELECTRICAL, SECURITY, AND CABLE SYSTEM.
- 3 REMOVE EXISTING FLOORING SYSTEM. PREPARE SUBSTRATE TO RECEIVE NEW SELF-LEVELING COMPOUND AND NEW FLOORING SYSTEM. CONCRETE PATCH REPAIR MAY BE REQUIRED FOR EXCESSIVE DAMAGE.
- 4 REMOVE EXISTING FLOOR BASE. PREPARE SUBSTRATE TO RECEIVE NEW WALLBASE.
- 5 REMOVE EXISTING PARTITION TO DECK. CAREFULLY REMOVE ANY DOORS, ELECTRICAL AND PLUMBING COMPONENTS LOCATED WITHIN PARTITION.
- 6 REMOVE EXISTING DOOR AND/OR WINDOW, FRAME, AND HARDWARE. INFILL OPENING TO MATCH ADJACENT PARTITION. PAINT TO MATCH.
- 7 REMOVE PLUMBING FIXTURE, PREPARE FOR NEW FIXTURE SYSTEM.
- 8 REMOVE EXISTING MILLWORK AND FURNITURE SYSTEM.
- 9 FIELD VERIFY EXTENT OF CEILING DEMOLITION, COORDINATE WITH MECHANICAL.
- 10 REMOVE AND SALVAGE EXISTING FABRIC COILING DOOR FOR OWNER STORAGE.
- 11 REMOVE AND SALVAGE EXISTING TOILET PARTITIONS, REINSTALL AFTER NEW FLOORING INSTALLATION.
- 12 REMOVE PORTION OF EXISTING SLAB, PREPARE TRENCH FOR NEW PLUMBING LINES, COORDINATE WITH PLUMBING DOCUMENTS.

- DEMOLITION GENERAL NOTES**
1. CONTRACTOR TO COORDINATE ALL DEMOLITION WORK WITH NEW CONSTRUCTION AND RENOVATION PRIOR TO START.
 2. ALL ITEMS SHOWN ON DEMOLITION PLANS WITH DASHED LINEWORK ARE TO BE REMOVED. SEE ADDITIONAL NOTES ON FLOOR PLAN.
 3. CONTRACTOR IS RESPONSIBLE FOR VERIFYING QUANTITY OF MATERIALS REQUIRED FOR DEMOLITION AND NEW CONSTRUCTION.
 4. CONTRACTOR TO DISPOSE OF ALL ITEMS IN A LEGAL MANNER.
 5. CARE SHALL BE TAKEN TO LOCATE AND PROTECT ANY STRUCTURAL COMPONENTS THAT ARE WITHIN WALLS, CEILINGS OR FLOORS UNLESS SPECIFICALLY IDENTIFIED TO BE REMOVED.
 6. REMOVE EXISTING INTERIOR PARTITIONS AS INDICATED ON PLAN TO ACCOMMODATE NEW CONSTRUCTION. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS FOR REUSED OR RELOCATED DEVICES OR FIXTURES. CONTRACTOR SHALL CONFIRM IF A WALL IS OR IS NOT LOAD BEARING PRIOR TO REMOVING ANY PORTION. IF A WALL IS FOUND TO BE LOAD BEARING, AND IS NOT ADDRESSED IN THE DRAWINGS, THE CONTRACTOR SHALL CONTACT THE ARCHITECTS FOR DIRECTIONS TO RETAIN STRUCTURAL INTEGRITY OF THE SUPPORTED STRUCTURE.
 7. PATCH AND REPAIR EXISTING SUBSTRATES THAT ARE TO REMAIN AS REQUIRED TO PREPARE THEM FOR NEW WORK AND FINISHES AS DEFINED ELSEWHERE IN THE DOCUMENTS.
 8. DUST WALLS SHALL BE INSTALLED AS NEEDED TO ISOLATE DEMOLITION AREA FROM OCCUPIED AREA. COORDINATE WITH OWNER. MAINTAIN FIRE EXITS AT ALL TIMES.
 9. FIRE EXTINGUISHERS IN THE AREA OF WORK SHALL REMAIN. CONTACT ARCHITECT FOR REVISED LOCATION WHERE EXISTING FIRE EXTINGUISHERS AND/OR FIRE EXTINGUISHER CABINETS ARE LOCATED ON WALLS TO BE REMOVED.
 10. REMOVED EXISTING LIGHT FIXTURES AND CEILINGS IN THEIR ENTIRETY, UNLESS NOTED OTHERWISE. DE-ENERGIZE CIRCUITS UNTIL READY FOR NEW LIGHTING. COORDINATE WITH ELECTRICAL PLANS TO DETERMINE IF CIRCUITS WILL BE REUSED, RELOCATED, OR ABANDONED. REMOVE CONDUCTORS AND CONDUIT BACK TO SOURCE FOR CIRCUITS THAT WILL BE ABANDONED.
 11. REMOVE ELECTRICAL CONDUCTORS BACK TO THE SOURCE. EMPTY CONDUIT WITHIN WALLS AND ABOVE CEILINGS THAT ARE NOT OTHERWISE MODIFIED. IF CIRCUITS ARE TO BE RELOCATED OR REINSTALLED IN NEW WORK, DE-ENERGIZE CIRCUITS UNTIL RELOCATED. REMOVE CONDUCTORS AND CONDUIT BACK TO SOURCE FOR CIRCUITS THAT WILL BE ABANDONED.
 12. REMOVE ALL ABANDONED AND NON-OPERATIONAL CABLING ABOVE CEILINGS IN AREA OF WORK. TAKE CARE TO NOT CUT EXISTING DATA OR FIBER THAT IS TO REMAIN FOR THE FUNCTIONING IT ROOM/SERVER.
 13. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION.
 14. REMOVE OUTLETS, SWITCHES, AND WIRING IN PARTITIONS IDENTIFIED TO BE REMOVED. WIRING TO BE REMOVED BACK TO CLOSEST WALL TO REMAIN AND TERMINATED IN NEW JUNCTION BOX PROVIDED BY CONTRACTOR.
 15. REMOVE AND DISPOSE OF EXISTING PARTITIONS SHOWN DASHED. REMOVE PARTITIONS TO STRUCTURE ABOVE. UNLESS NOTED OTHERWISE, PATCH AND REPAIR FLOOR SLAB AS REQUIRED TO MAKE READY FOR NEW CONSTRUCTION. IF REMAINING WALL IS COMPROMISED, NOTIFY ARCHITECT IMMEDIATELY.
 16. CAREFULLY REMOVE ITEMS IDENTIFIED AS SALVAGE OR SCHEDULED FOR RE-USE. STORE IN PROTECTED AREA UNTIL REINSTALLATION IS ACHIEVED. REPAIR DAMAGE CAUSED BY CARELESS REMOVAL OR IMPROPER STORAGE, OR REPLACE SUCH ITEMS TO OWNER'S SATISFACTION.
 17. REMOVE AND DISPOSE OF EXISTING FLOORING IN AREAS SHOWN TO BE REPLACED. REMOVE TO SUBSTRATE, LEAVING SURFACE READY FOR INSTALLATION OF NEW FINISH AS SCHEDULED. PATCH HOLES AND IMPERFECTIONS IN SUBSTRATE AS REQUIRED.
 18. CONTACT ARCHITECT BEFORE REMOVING OR DEMOLISHING ANY EXISTING CONSTRUCTION OR ITEMS NOT SHOWN TO BE REMOVED.
 19. CAREFULLY REMOVE FIXTURES, RECEPTACLES, DEVICES, ETC. AS NEEDED TO FACILITATE DEMOLITION. STORE DEVICES AND REINSTALL.
 20. REMOVE ALL ITEMS FROM WALLS WITHIN AREAS OF WORK AND PREPARE FOR NEW WORK.
 21. REMOVE EXISTING WALL BASE IN AREA OF WORK. WALL BASE VARIES PER LOCATION. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS.
 22. COORDINATE EXISTING FIRE SPRINKLER DEMOLITION WITH NEW FIRE SPRINKLER DESIGN.



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



PARTITION TYPES NAMING CONVENTION

STRUCTURE	SUB-TYPE
A 7/8" HAT CHANNEL	a 6" ABOVE CEILING, BRACED HEAD (OR STR TO UNDERSIDE OF STRUCTURE ABOVE IF UNDER 24")
B 1.5/8" METAL STUD	b TO UNDERSIDE OF STRUCTURE ABOVE
C 2 1/2" METAL STUD	c STR TO UNDERSIDE OF STRUCTURE ABOVE, GYP TO 6" ABOVE CEILING
D 3 5/8" METAL STUD	d STR & GYP ONE SIDE TO STRUCTURE, GYP OTHER SIDE TO 6" ABOVE CEILING
F 6" METAL STUD	f STR & GYP ONE SIDE TO STRUCTURE, STR TO UNDERSIDE OF STRUCTURE ABOVE
R 6" CMU	r 6" CMU

FIRE RESISTANCE RATING	SMOKE RATED
0 NON-RATED	X SMOKE PARTITION, SMOKE BARRIER OR WALL RESISTING THE PASSAGE OF SMOKE
1 1 HOUR	
2 2 HOUR	
3 3 HOUR	
4 4 HOUR	

EXAMPLE

D₃ - STRUCTURE
 C₁ - SUB-TYPE
 X - SMOKE RATED (OPTIONAL)
 2 - FIRE RESISTANCE RATING
 X - SMOKE RATED PARTITION

GENERAL NOTES

- ALL INTERIOR WALLS TO HAVE SOUND ATTENUATION
- WALLS AROUND MANUFACTURING TO HAVE DEFLECTION TRACK AT HEAD WITH MINIMUM 1 1/2" DEFLECTION. WALL TO BE SEALED TO ROOF DECK

- ### FLOOR PLAN GENERAL NOTES
- ALL INTERIOR DIMENSIONS ARE TO THE FACE OF STUD, UNLESS NOTED OTHERWISE.
 - ALL EXTERIOR DIMENSIONS ARE FROM FACE OF EXTERIOR FINISH, UNLESS NOTED OTHERWISE.
 - UNLESS DIMENSIONED OTHERWISE, ALL DOOR FRAMES TO BE LOCATED 4" FROM ADJACENT PERPENDICULAR WALL.
 - EQUIPMENT IS SHOWN HERE FOR COORDINATION AND BACKING PURPOSES ONLY. NAMES AND MODELS SHALL BE CONFIRMED WITH OWNER. VERIFY EQUIPMENT ROUGH-IN DIMENSIONS WITH MANUFACTURER. COORDINATE UTILITIES FOR EQUIPMENT WITH EQUIPMENT LIST AND DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY AND COORDINATE ALL EQUIPMENT, INCLUDING BUT NOT LIMITED TO WEIGHT, LOCATION, BACKING REQUIREMENTS POWER AND CLEARANCES.
 - PROVIDE CONTROL JOINTS PER MANUFACTURER'S SPECIFICATIONS.
 - CONTRACTOR TO INCLUDE AN ALLOWANCE OF \$2,000 FOR MINOR REPAIRS REQUIRED AT EXISTING TOILET PARTITIONS.
 - CONTRACTOR TO INCLUDE AN ALLOWANCE OF \$5,000 FOR MINOR REPAIRS REQUIRED AT EXISTING COVERED SIDEWALK AND AT EXISTING MASONRY BRICK COLUMNS.
 - CONTRACTOR TO INCLUDE AN ALLOWANCE OF \$10,000 FOR IMPROVEMENTS TO FACILITY SIGNAGE LOCATED ALONG WEST LOCUST STREET

PARTITION TYPES GRAPHICS CONVENTION

TYPICAL PARTITION WITH NO SPECIAL MATERIALS OR RATINGS

STANDARD PARTITION

EXISTING PARTITION TO REMAIN. APPLY NEW FINISH

EXISTING PARTITION

EQUIPMENT LEGEND

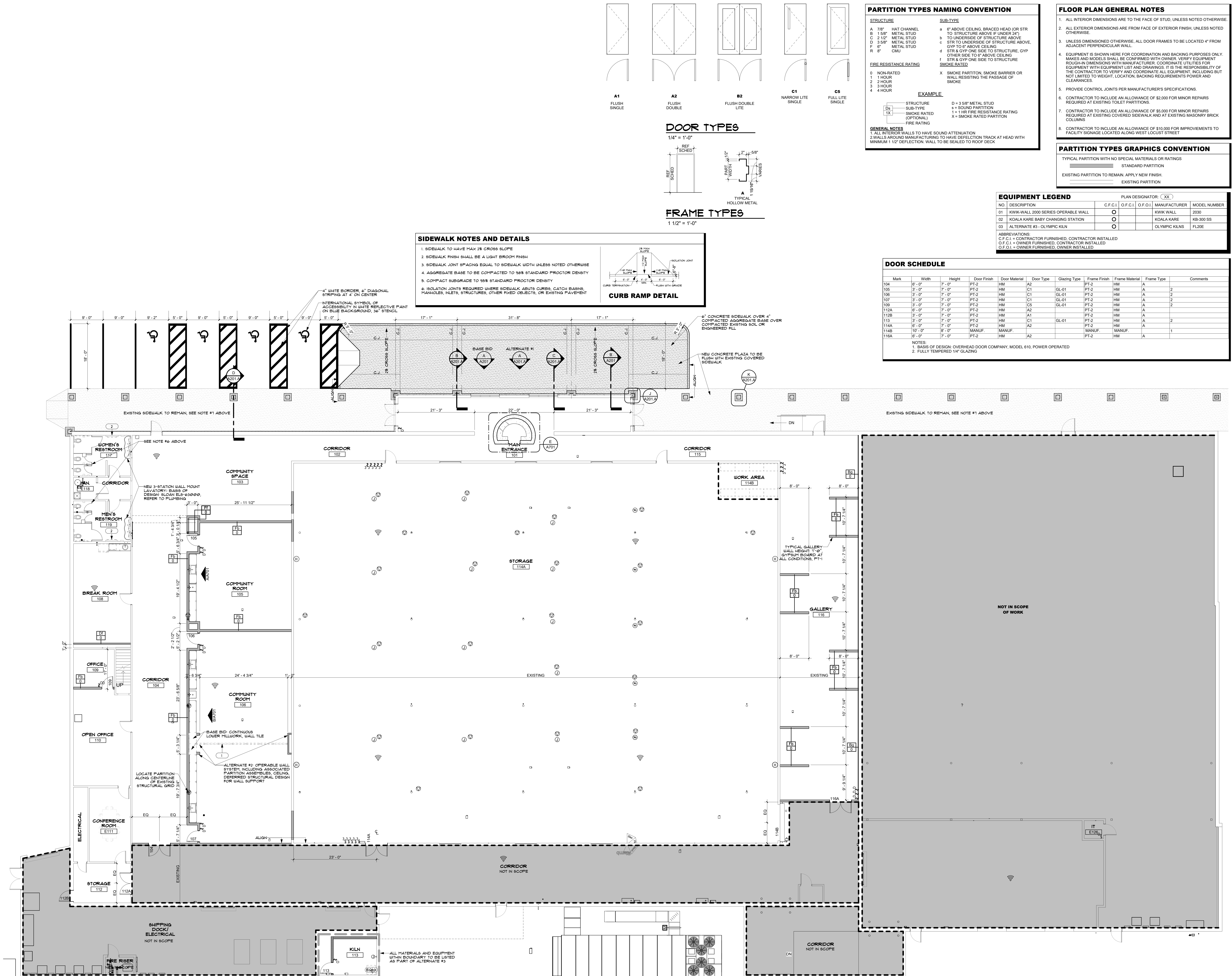
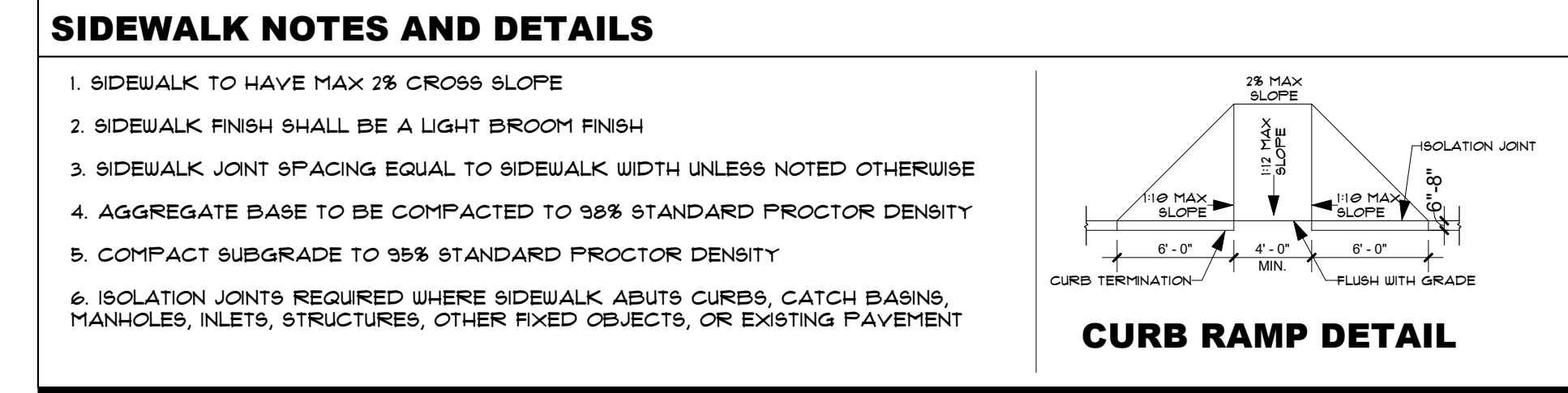
NO.	DESCRIPTION	PLAN DESIGNATOR: (XX)			MANUFACTURER	MODEL NUMBER
		C.F.C.I.	O.F.C.I.	O.F.O.I.		
01	KWIK-WALL 2000 SERIES OPERABLE WALL	○			KWIK WALL	2030
02	KOALA KARE BABY CHANGING STATION	○			KOALA KARE	KB-300 SS
03	ALTERNATE #3 - OLYMPIC KILN	○			OLYMPIC KILNS	FL20E

ABBREVIATIONS:
 C.F.C.I. = CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
 O.F.C.I. = OWNER FURNISHED, CONTRACTOR INSTALLED
 O.F.O.I. = OWNER FURNISHED, OWNER INSTALLED

DOOR SCHEDULE

Mark	Width	Height	Door Finish	Door Material	Door Type	Glazing Type	Frame Finish	Frame Material	Frame Type	Comments
104	6'-0"	7'-0"	PT-2	HM	A2		PT-2	HM	A	2
105	3'-0"	7'-0"	PT-2	HM	C1	GL-01	PT-2	HM	A	2
106	3'-0"	7'-0"	PT-2	HM	C1	GL-01	PT-2	HM	A	2
107	3'-0"	7'-0"	PT-2	HM	C1	GL-01	PT-2	HM	A	2
109	3'-0"	7'-0"	PT-2	HM	C5	GL-01	PT-2	HM	A	2
112A	6'-0"	7'-0"	PT-2	HM	A2		PT-2	HM	A	2
112B	3'-0"	7'-0"	PT-2	HM	A1		PT-2	HM	A	2
113	3'-0"	7'-0"	PT-2	HM	C1	GL-01	PT-2	HM	A	2
114A	6'-0"	7'-0"	PT-2	HM	A2		PT-2	HM	A	2
114B	10'-0"	6'-0"	MANUF.	MANUF.	MANUF.		MANUF.	MANUF.		1
116A	6'-0"	7'-0"	PT-2	HM	A2		PT-2	HM	A	1

NOTES:
 1. BASIS OF DESIGN, OVERHEAD DOOR COMPANY, MODEL 610, POWER OPERATED
 2. FULLY TEMPERED 1/4" GLAZING



CHEROKEE NATION BUSINESSES - CULTURAL CENTER
 314 W. LOCUST ST., STILLWELL, OK, 74960
 FLOOR PLANS AND SCHEDULES



ARCHITECT: Thomas Seet
LICENSE # 4183
PROJECT #: 20200132

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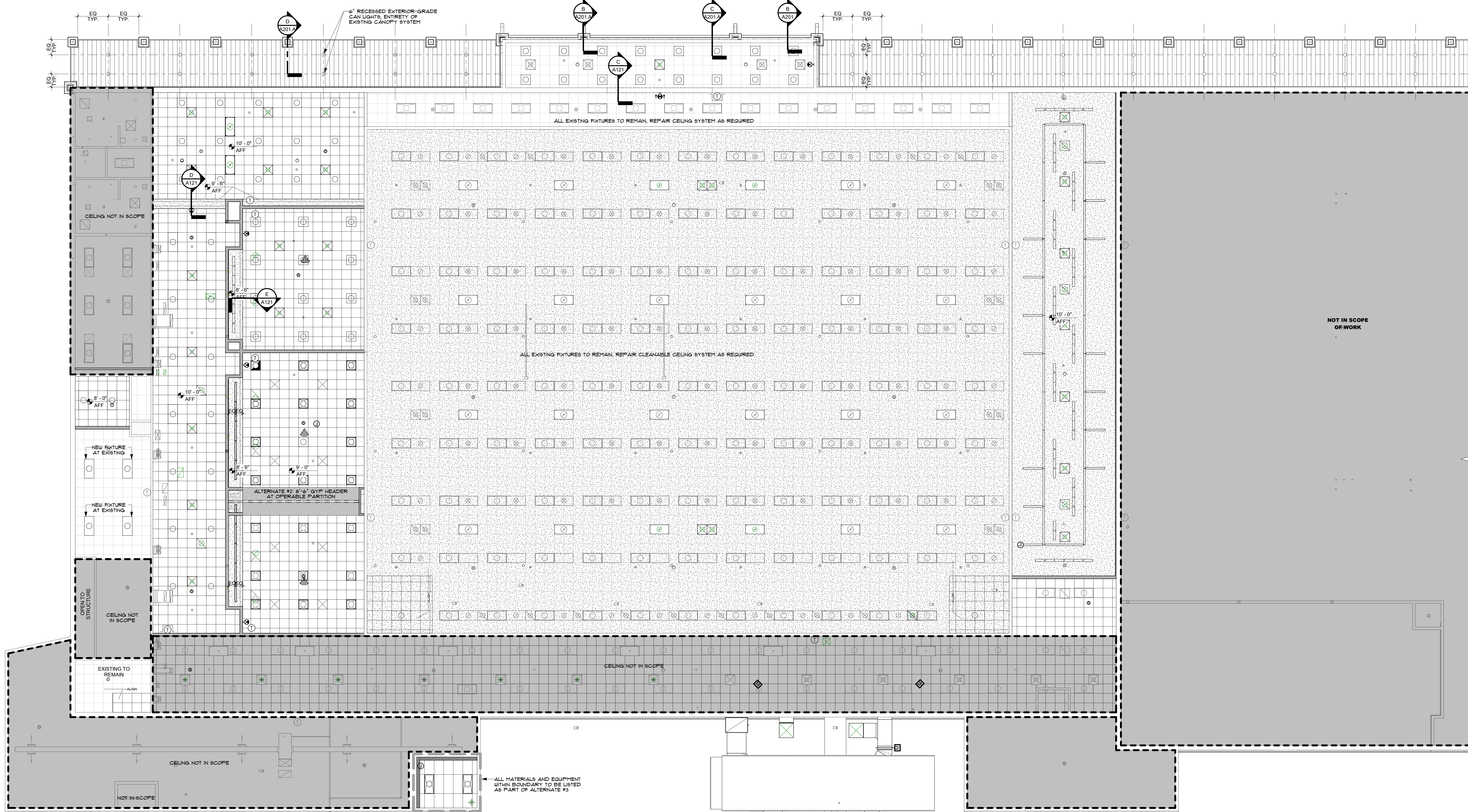
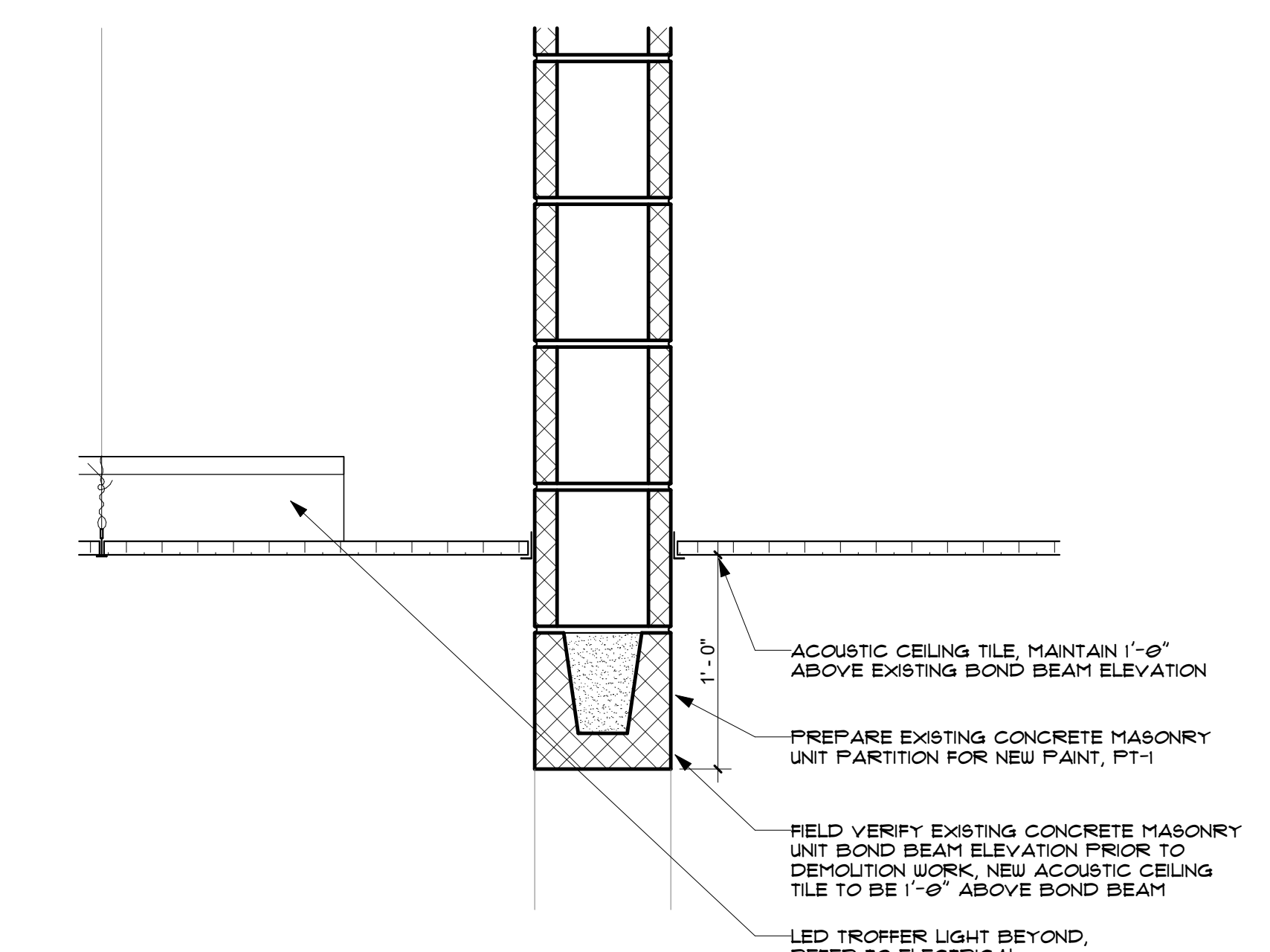
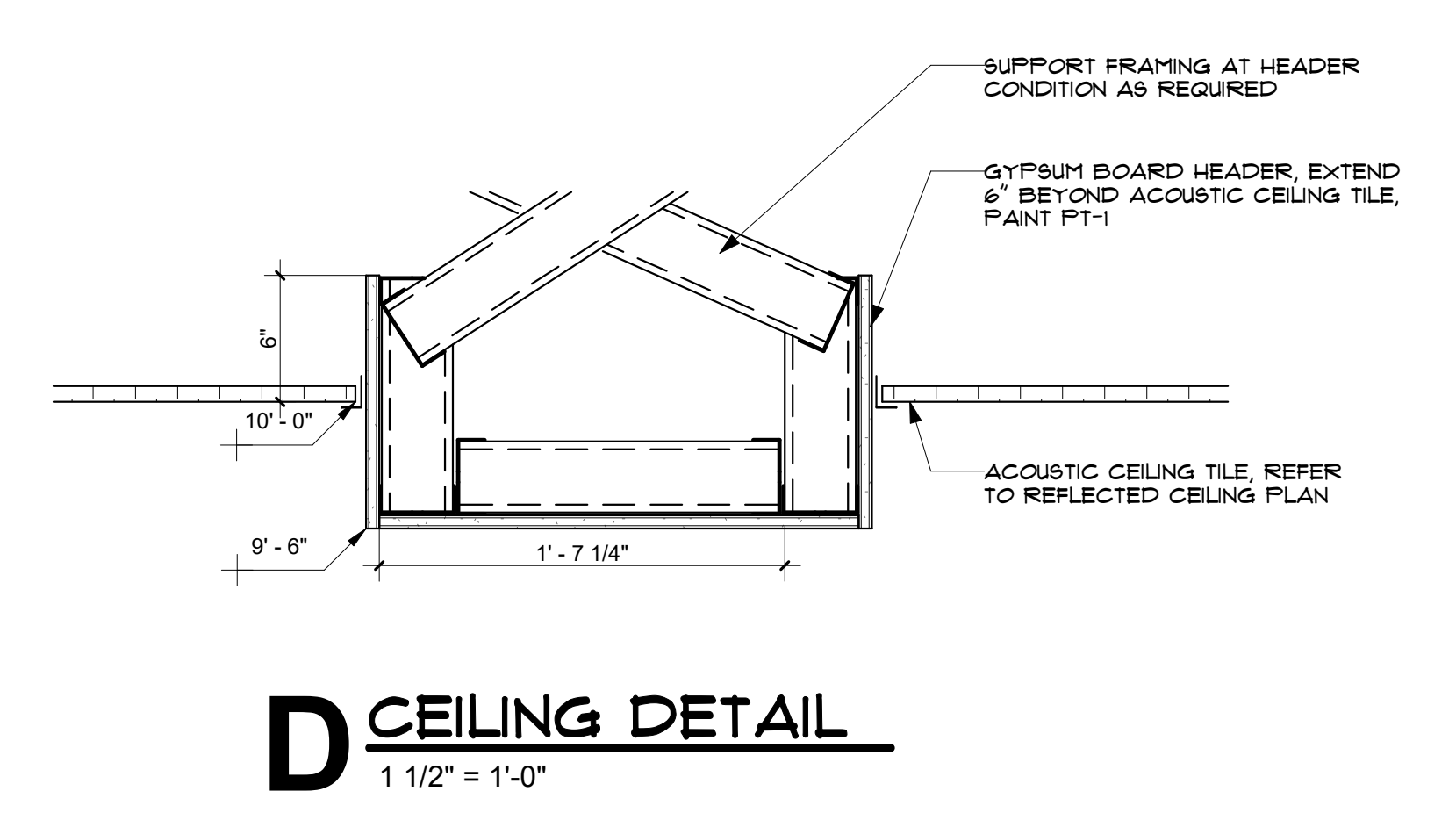
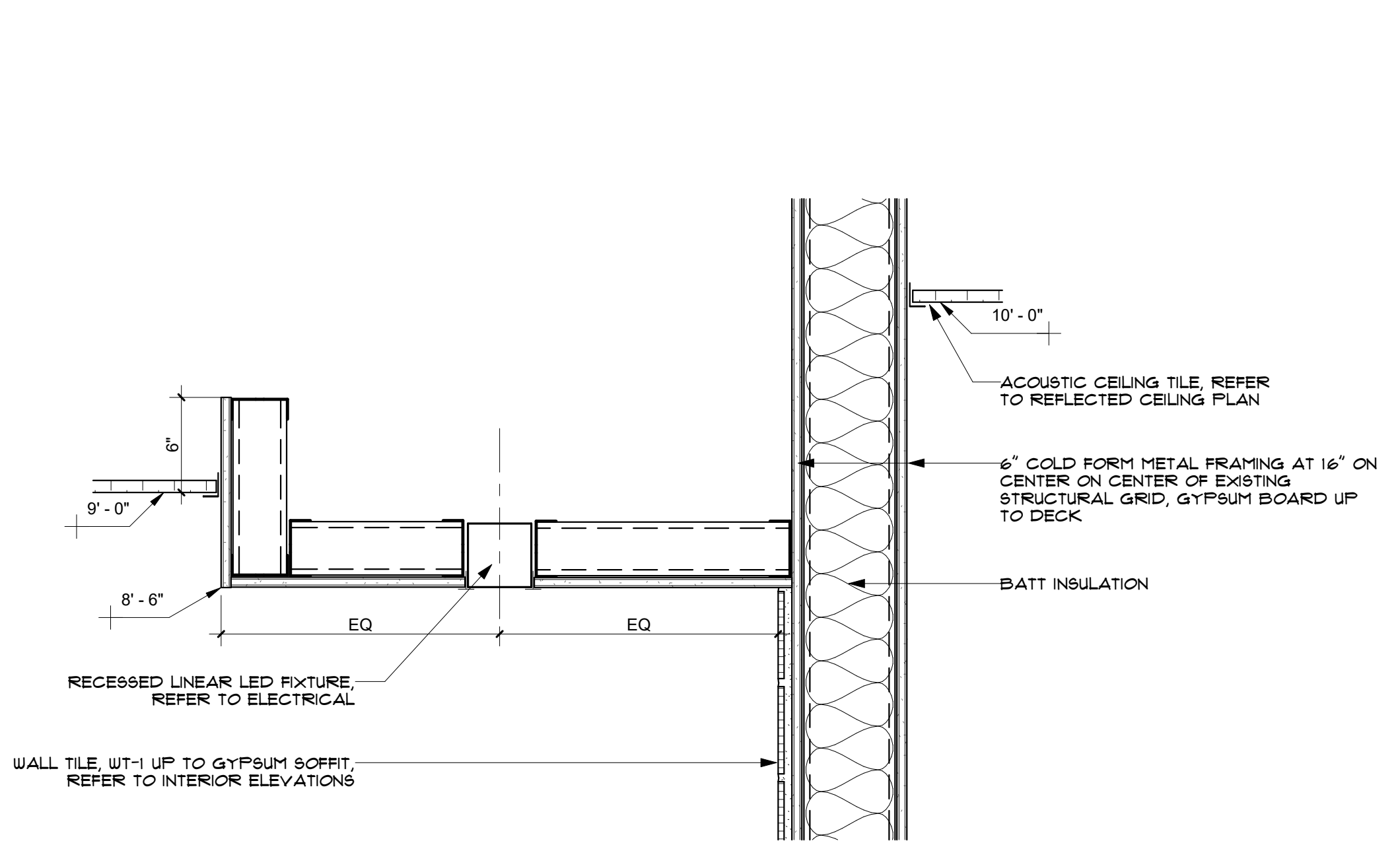
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REFLECTED CEILING PLAN LEGEND			
	2x2 LAY IN LENS		SUPPLY DIFFUSER
	24 LAY IN LENS		RETURN
	ACOUSTIC CEILING TILE - CLEANABLE (ACT)		EXHAUST FAN
	ACOUSTIC CEILING TILE (ACT)		SMOKE DETECTOR
	GYPSUM BOARD		10' - 0" AFF CEILING HEIGHT
	SOFFIT PANEL BASIS OF DESIGN BERRIDGE VEE-PANEL, 24 GAUGE		EXIT SIGN
			RECESSED CAN LIGHT
			RECESSED MOUNTED LED LIGHT



CHEROKEE NATION BUSINESSES - CULTURAL CENTER

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 CEILING PLANS AND DETAILS

blue river ARCHITECTS
 A Native American Owned Firm
 320 South Boston Avenue, Suite 103
 Tulsa, Oklahoma 74103
 918.408.6656
 blueriverarchitects.com

ARCHITECT: Thomas Seel
 LICENSE #: 4183

PROJECT #: 20200132

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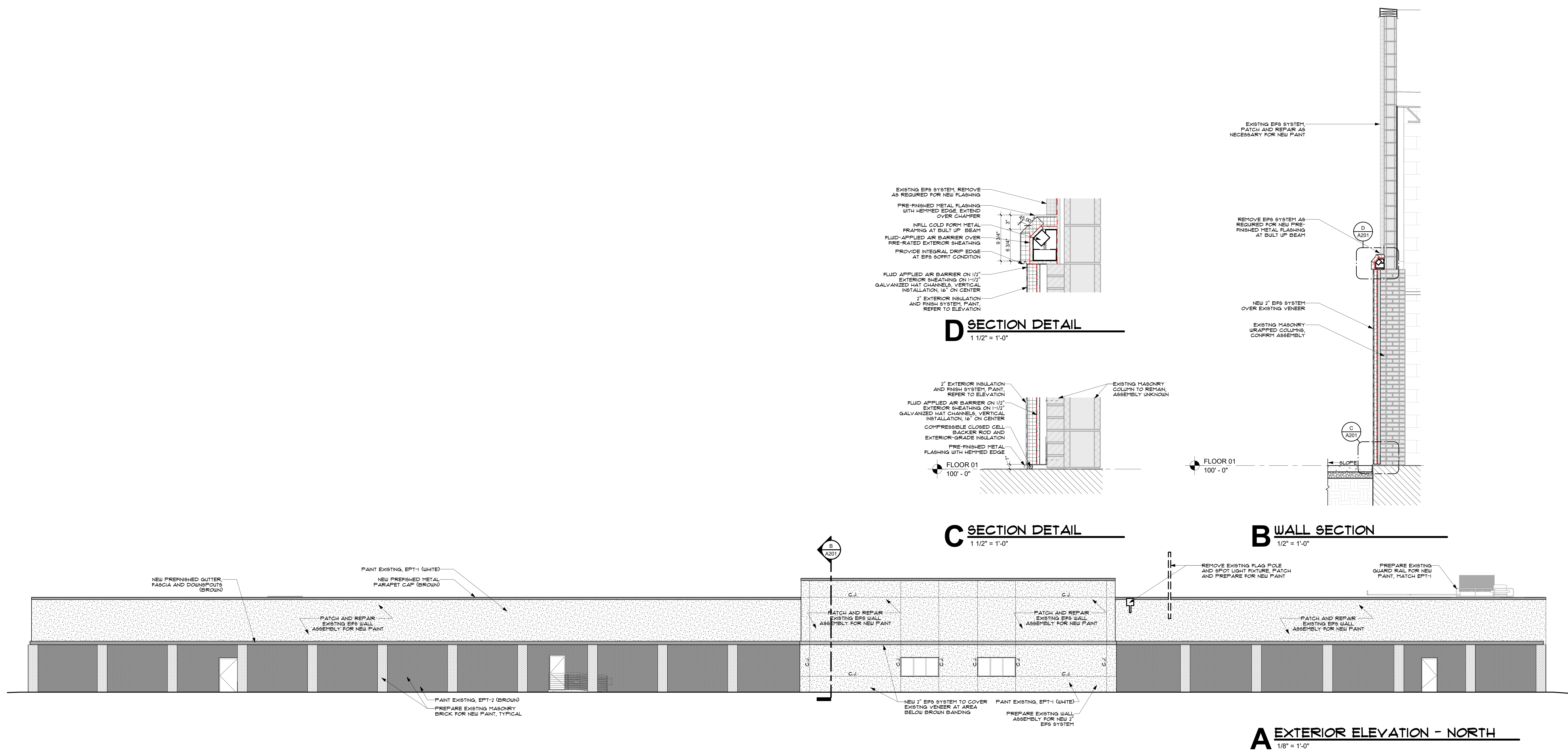
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SHEET NUMBER:
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EXTERIOR IMPROVEMENTS - BASE BID

PROJECT BASE BID IS TO INCLUDE ALL INFORMATION ON THIS SHEET; REFER TO A201.A FOR EXTERIOR IMPROVEMENTS ALTERNATE #1. CONTRACTOR TO PROVIDE LINE ITEM FOR ALTERNATE SCOPE OF WORK.



CHEROKEE NATION BUSINESSES - CULTURAL CENTER

314 W. LOCUST ST., STILLWELL, OK, 74960
EXTERIOR ELEVATIONS AND DETAILS - BASE BID



ARCHITECT: Thomas Seft
LICENSE #: 4183
PROJECT #: 20200132

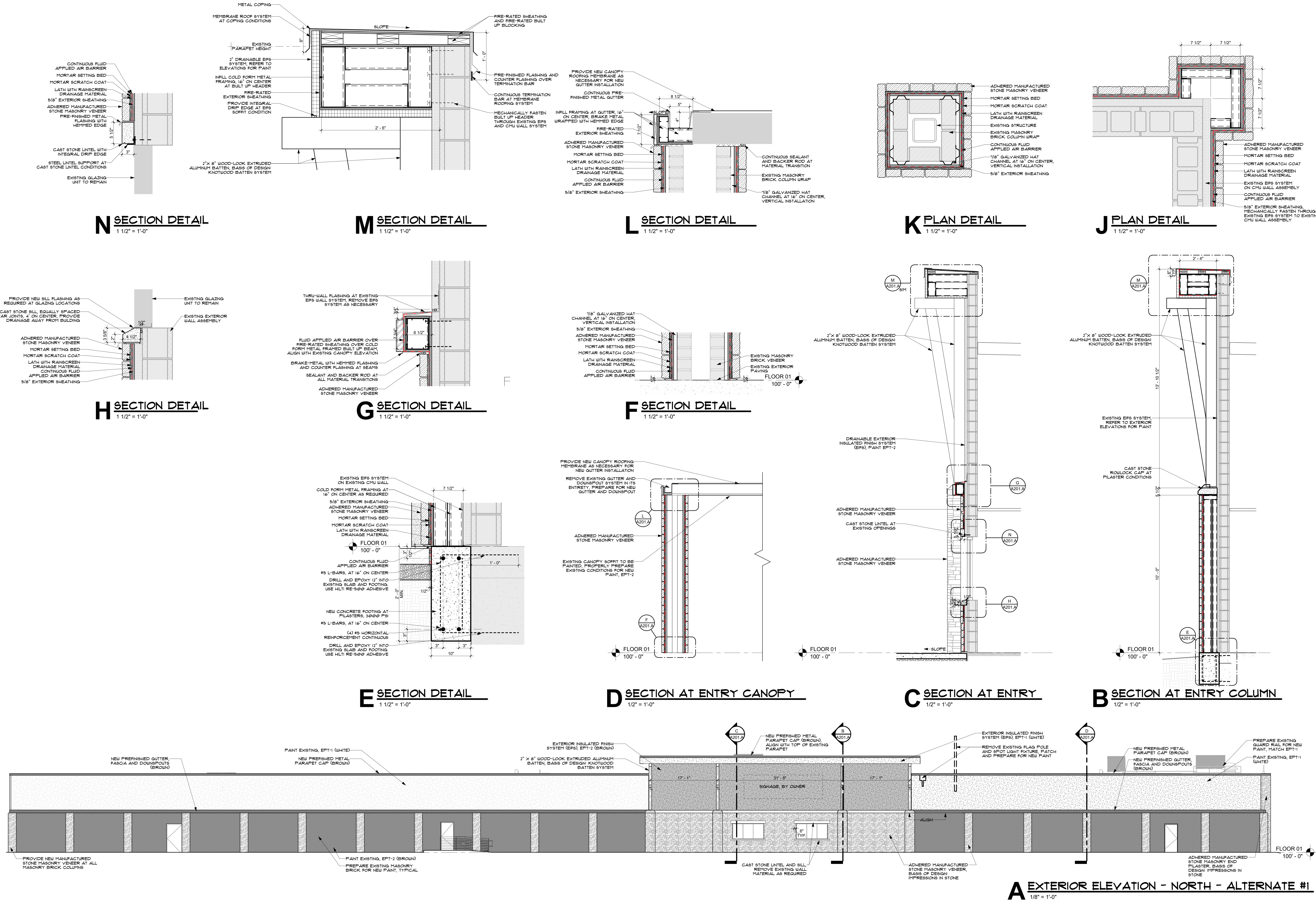
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EXTERIOR IMPROVEMENTS - ALTERNATE #1

PROJECT BASE BID IS TO INCLUDE ALL INFORMATION ON SHEET A201. REFER TO THIS SHEET FOR EXTERIOR IMPROVEMENTS ALTERNATE #1. CONTRACTOR TO PROVIDE LINE ITEM FOR ALTERNATE SCOPE OF WORK.



CHEROKEE NATION BUSINESSES - CULTURAL CENTER

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EXTERIOR ELEVATIONS AND DETAILS - ALTERNATE #1

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PROJECT #: 20200132

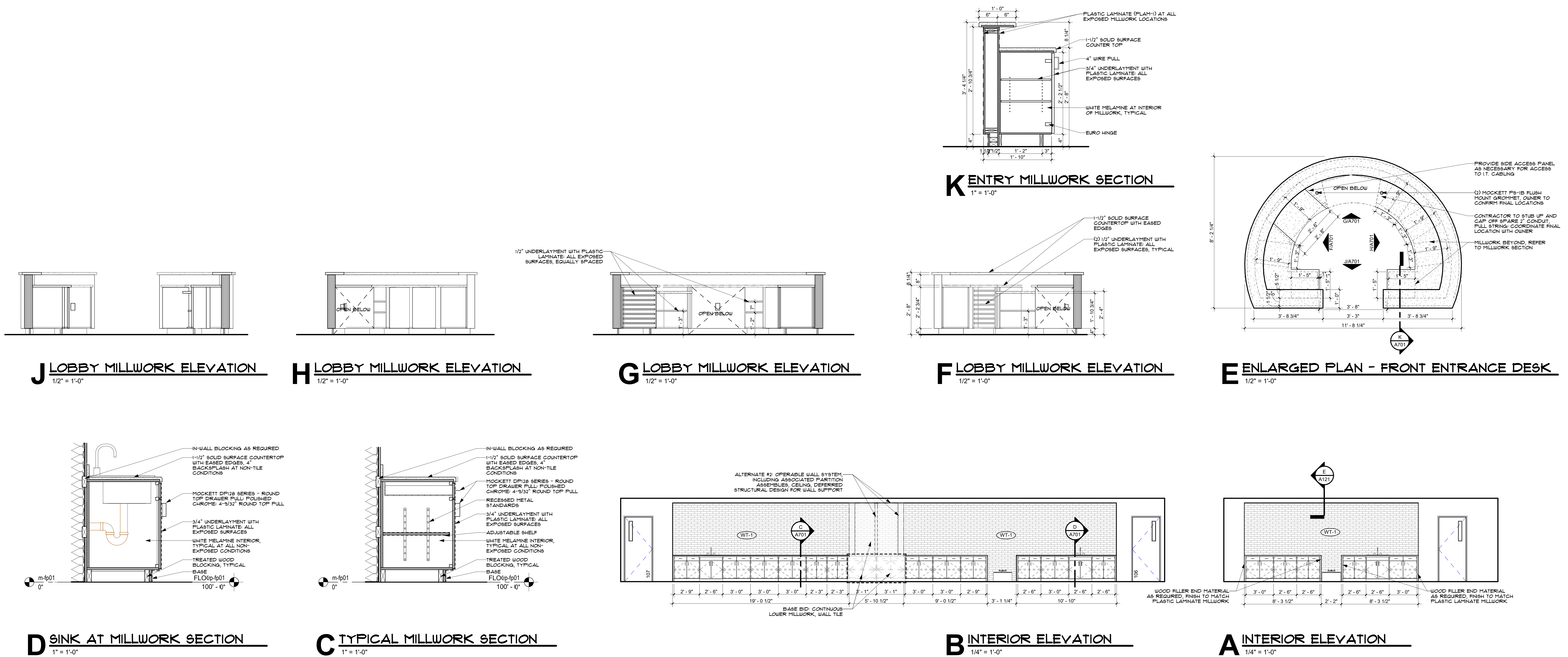
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A201.A

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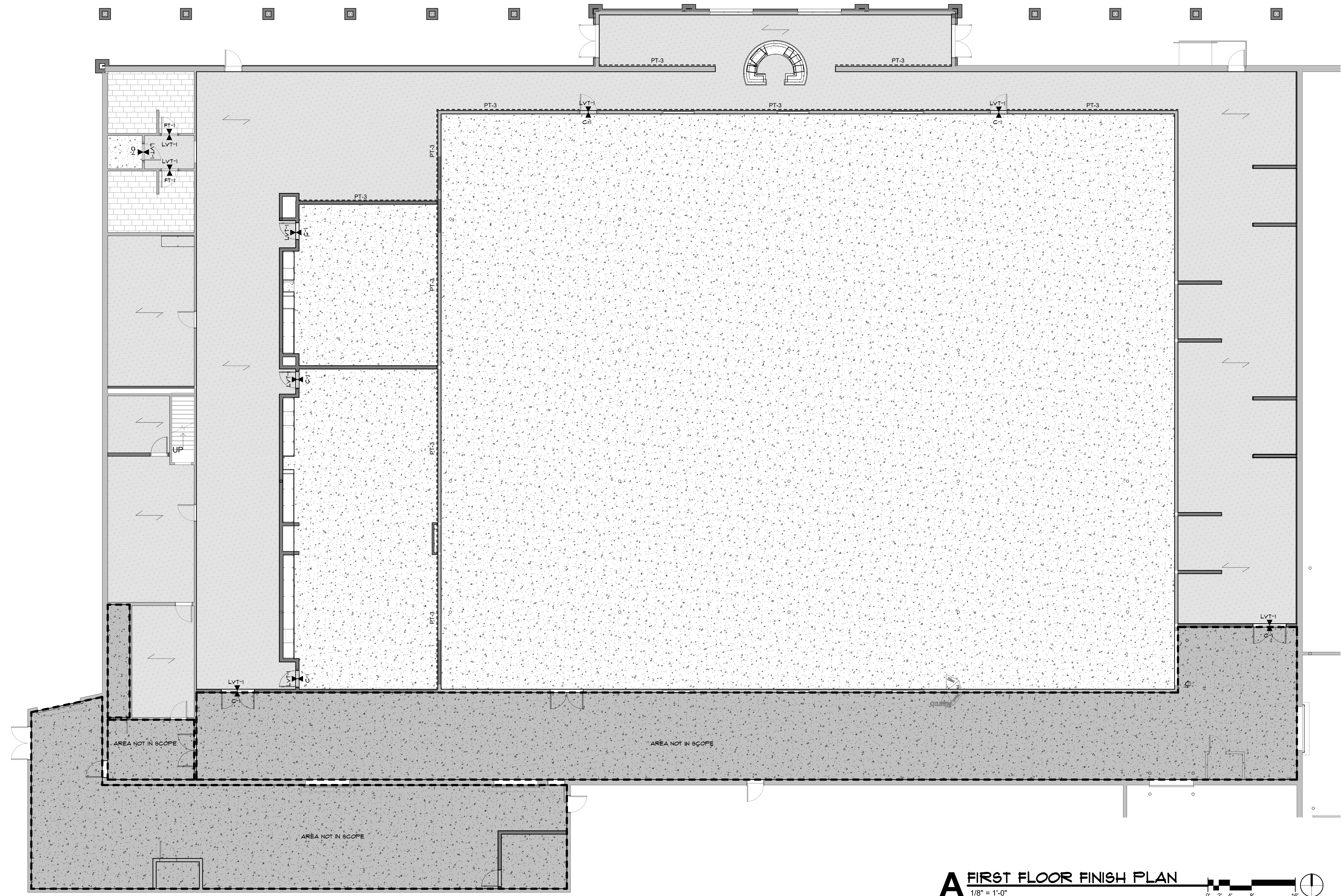
FINISH FLOOR PLAN GENERAL NOTES

- ALL NEW BUILDING MATERIALS AND PRODUCTS SHALL NOT CONTAIN ASBESTOS
 - REFER TO ROOM FINISH SCHEDULE FOR ADDITIONAL INFORMATION AT BACK OF HOUSE AND NON-ELEVATED AREAS.
 - PROVIDE CORNER AND END WALL GUARDS AT OUTSIDE GYPSUM BOARD CORNERS.
 - WALL FINISHES TO HAVE MINIMUM CLASS "C" RATING FOR FLAME SPREAD AND SMOKE DEVELOPMENT.
 - FINISH MATCHES AND PATTERNS ARE FOR GRAPHIC PURPOSES ONLY, AND ARE NOT INTENDED TO SHOW EXACT PATTERN OR SIZES OF FINISHES.
 - PROVIDE 1/2" CEMENT BACKER BOARD AT ALL WALLS SHOWN TO RECEIVE TILE.
 - AT ALL WALLS TO RECEIVE TILE, INSTALL TILE PATTERN CENTERED ON EACH MAIN WALL.
 - LEVEL LINE OF TILE INSTALLATION TO BE TAKEN AT THE LOW POINT OF THE FLOOR SLAB TO ALLOW TILE TO BE FLUSH WITH VARIATION IN FLOOR SLAB.
 - PROVIDE SEALANT AT ALL TILE INSIDE CORNERS AND AT DOOR FRAMES. COLOR TO MATCH ADJACENT GROUT COLOR.
 - USE SCHLUTER QUADRO transition STRIP AT ALL EXPOSED VERTICAL AND HORIZONTAL TILE TERMINATIONS AND ALL OUTSIDE CORNERS.
- PAINT**
- ALL GYPSUM BOARD WALLS TO BE PAINTED PT-1, UNLESS NOTED OTHERWISE.
 - DOOR FRAMES TO BE PT-2, UNLESS NOTED OTHERWISE.
 - ALL ELECTRICAL PANEL DOORS, AND WALL AND CEILING GRILLS ARE TO HAVE A FINISH TO MATCH ADJACENT SURFACE, UNLESS NOTED OTHERWISE.
 - SWITCH PLATES AND ELECTRICAL DEVICES ARE NOT TO BE PAINTED.
- FLOORING**
- CHANGES IN FLOORING HEIGHTS UP TO 1/4" MAY BE VERTICAL AND WITHOUT REDUCING EDGE TREATMENT. CHANGES IN FLOORING HEIGHTS BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. IF CHANGES IN FLOORING LEVEL ARE GREATER THAN 1/2", NOTIFY ARCHITECT FOR DETAILS TO PROVIDE ADA COMPLIANT RAMP.
 - FLOOR MATERIAL CHANGES TO OCCUR AT CENTER OF DOORS WHERE EXISTING.
 - PROVIDE STAINLESS STEEL SCHLUTER TRANSITION STRIP BETWEEN CHANGE IN FLOOR SURFACE, UNLESS NOTED OTHERWISE.
 - REMOVE ALL EXISTING TRAFFIC STRIPING AT AREAS TO REMAIN C-1. PROVIDE CONCRETE SEALER TO MATCH EXISTING.
- MILLWORK**
- CONTRACTOR TO FIELD MEASURE AND VERIFY ALL DIMENSIONS PRIOR TO FABRICATION AND INSTALLATION OF MILLWORK.
 - REFER TO FLOOR PLANS AND INTERIOR ELEVATIONS FOR EXACT LOCATIONS OF MILLWORK.
 - COUNTERTOPS AND BACKSPLASHES TO RECEIVE CLEAR SEALANT AT WALL WHERE REQUIRED.
 - ALL SOLID SURFACE COUNTERS TO BE SS-1.
 - PROVIDE SIDE, TOP AND BOTTOM FILLER PIECES AS REQUIRED TO COMPLETE THE CASEWORK AS INDICATED ON THE PLANS AND INTERIOR ELEVATIONS.
 - PROVIDE FINISHED END PANELS AT ALL EXPOSED CABINET ENDS, KNEE SPACES, AND BANQUETTE ENDS.

FINISH LEGEND

FLOOR FINISH	WALL FINISH - INTERIOR (CONTINUED)	CEILING FINISH (CONTINUED)
LVT-1 LUXURY VINYL TILE MANUF: SHAW CONTRACT STYLE: SOUNDSCOPE COLOR: FROM MANUF. FULL RANGE SIZE: 12" X 24" BRICK PATTERN	PT-3 ACCENT PAINT MANUF: SHERWIN WILLIAMS STYLE: EGGSHELL COLOR: FROM MANUF. FULL RANGE REFER TO FINISH PLAN FOR LOCATIONS	PT-4 GYPSUM CEILING PAINT MANUF: SHERWIN WILLIAMS STYLE: FLAT COLOR: SW7006 EXTRA WHITE
FT-1 FLOOR TILE MANUF: CORKSVILLE STYLE: PORTUGAL COLOR: FROM MANUF. FULL RANGE SIZE: 12" X 24" INCLUDE 4" X 24" TRIM	WALL FINISH - EXTERIOR EPT-1 GENERAL WALL PAINT - BRICK MANUF: SHERWIN WILLIAMS STYLE: EGGSHELL COLOR: FROM MANUF. FULL RANGE	MISCELLANEOUS PLAM-1 PLASTIC LAMINATE MANUF: WILSONART COLOR: 7960 STUDIO TEAK
C-1 SEALED CONCRETE MANUF: H&C STYLE: HYDRO-DEFEND MATCH EXISTING CONDITIONS	EPT-2 GENERAL WALL PAINT - BRICK MANUF: SHERWIN WILLIAMS STYLE: SEMI-GLOSS COLOR: FROM MANUF. FULL RANGE	SS-1 SOLID SURFACE COUNTERTOP, ALL COUNTERTOP LOCATIONS MANUF: CORIAN COLOR: ANTARCTICA EASED EDGES, TYPICAL
PT-1 GENERAL WALL PAINT MANUF: SHERWIN WILLIAMS STYLE: EGGSHELL COLOR: SW7006 EXTRA WHITE	EPT-3 ACCENT PAINT MANUF: SHERWIN WILLIAMS STYLE: EGGSHELL COLOR: FROM MANUF. FULL RANGE	RB-1 RUBBER BASE MANUF: TARKETT STYLE: 4" COVE COLOR: MOON ROCK WG CONFIRM EXISTING RUBBER BASE COLOR
PT-2 DOOR FRAME PAINT (HM ONLY) MANUF: SHERWIN WILLIAMS STYLE: SEMI-GLOSS COLOR: SW7659 MARCH WINDS	CEILING FINISH ACT-1 ACOUSTIC CEILING TILE MANUF: ARMSTRONG CEILINGS STYLE: CALA COLOR: WHITE SIZE: 24" X 48" GRID, SQUARE LAY-IN 15/16"	GRAPHICS LEGEND

ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	CEILING FINISH	COMMENTS
101	MAIN ENTRANCE	LVT-1	RB-1	PT-1	PT-1	PT-3	PT-1	ACT-1	
102	CORRIDOR	LVT-1	RB-1	PT-1	PT-1	PT-3	PT-1	ACT-1	
103	COMMUNITY SPACE	LVT-1	RB-1	PT-1	PT-1	PT-3	PT-1	ACT-1	
104	CORRIDOR	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	PT-3 AT DOOR POCKET WALLS
105	COMMUNITY ROOM	C-1	RB-1	PT-1	PT-3	PT-1	PT-1	ACT-1	
106	COMMUNITY ROOM	C-1	RB-1	PT-1	PT-3	PT-1	PT-1	ACT-1	
108	BREAK ROOM	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
109	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
110	OPEN OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
112	STORAGE	C-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
113	KLN								
114A	STORAGE	EXISTING TO REMAIN	RB-1	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	
114B	WORK AREA	EXISTING TO REMAIN	RB-1	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	
115	CORRIDOR	LVT-1	RB-1	PT-1	PT-1	PT-3	PT-1	ACT-1	
116	GALLERY	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	GYP PT-1	
117	WOMEN'S RESTROOM	FT-1	RB-1	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	
119	MEN'S RESTROOM	FT-1	RB-1	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	



CHEROKEE NATION BUSINESSES - CULTURAL CENTER
314 W. LOCUST ST., STILLWELL, OK, 74960
INTERIOR FINISH PLAN

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STATE OF OKLAHOMA
THOMAS C. SEAT
No. 4183
TULSA, OK
LICENSED ARCHITECT
03/21/2025
ARCHITECT: Thomas Seat
LICENSE # 4183

PROJECT #: 20200132

ISSUE DATES:

CONSTRUCTION DOCUMENTS	02/19/2025	
No.	Description	Date

SHEET NUMBER:
ID101
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A FIRST FLOOR FINISH PLAN
1/8" = 1'-0"



blue river ARCHITECTS

A Native American Owned Firm

SECTION 01 - GENERAL

1.01 CONTRACT DOCUMENTS AND GENERAL REQUIREMENTS

- A. Refer to and comply with all other sections of the project specifications and project plans for the installation of all Mechanical work. Unless specifically noted as "HVAC" or "Plumbing", all references generally to "Mechanical" shall refer to both "HVAC" and "Plumbing".
B. All plan disciplines are intended to complement one another and therefore the plans shall not be split apart and provided piecemeal to various trades, vendors, etc. for individual coordination.
C. Because this project is a new installation of several trades, unknown circumstances, interferences and possible discrepancies may occur.
D. Visit the site prior to any bid submission and become familiar with the existing site conditions.
E. Refer to architectural floor plans and reflected ceiling plans to coordinate mechanical equipment with layout of walls and partitions and locations of all ceiling mounted devices.
F. All materials and equipment shall be new except those existing items indicated to be re-used.
G. Provide start-up of all equipment provided under this contract.
H. See all notes on drawings for additional information, requirements, and restrictions regarding the mechanical work for this project.

I. Maintain a clean set of mechanical "as-built" record drawings separate from the field construction set. All changes to the original mechanical design shall be noted in the as-built record drawings in a neat, clean and orderly manner, and in colored ink or pencil.

1.02 CODES, ORDINANCES, INSPECTIONS AND PERMITS

- A. All work, materials, methods and equipment furnished and installed for this project is to comply with, be executed, and be inspected in accordance with local and state codes, laws, ordinances, rules and regulations applicable to particular class of work.
B. Coordinate with all respective local utilities to ensure complete and operative systems.
C. Arrange with Authority Having Jurisdiction (AHJ) for complete inspection, paying all charges and fees pertaining thereto.
D. Any insulation thickness listed in this specification or shown on the drawings is the minimum acceptable thickness, but is not to be used in lieu of minimum thickness required by locally adopted energy codes.
E. All motors will comply with the local energy code

1.03 SHOP DRAWINGS, SUBMITTALS AND SUBSTITUTIONS

- A. Equipment scheduled or specified on drawings with "equal to", "reference product", or similar designations establish the minimum acceptable quality of equipment required for the project.
B. Substitution products, when approved, shall be carefully coordinated by the contractor among all connecting disciplines to ensure a complete and operative installation with respect to electrical, structural, architectural, sheet metal, piping, etc.
C. Submit a minimum of six (6) printed "hard" copies of manufacturer's catalog sheets and/or shop drawings covering all equipment and devices included in this contract.
D. At the Contractor's option, submittals and shop drawings may be submitted electronically in PDF format.
E. Submittals are required even though equipment being furnished is exactly as specified.
F. Final decision as to whether or not a specific piece of equipment meets specifications will rest with Architect/Engineer.

1.04 GENERAL MECHANICAL EQUIPMENT AND MATERIAL INSTALLATION

- A. Preconstruction Meeting: Prior to the execution of any work, the project superintendent for each Mechanical trade (HVAC and Plumbing) shall have a pre-construction conference with the General Contractor's project superintendent to fully coordinate the work of all trades.
B. The engineering construction drawings are not shop drawings. The engineering construction drawings do not provide for all means and methods required to put in place the scope of work of this project.
C. Mechanical equipment shall be as indicated in the equipment schedule or approved equivalent, and installed per the manufacturer's recommendations.
D. Support all ductwork, piping and equipment from structure. Do not support from other ductwork, piping, conduit, etc.
E. Insulation shall be continuous at all wall and floor penetrations (except at fire dampers) and at hanger supports.
F. Provide sleeves, clamps for piping at all wall and floor penetrations, and fire proofing at all rated wall and floor penetrations.
G. Locate new equipment away from walls to structure and rated walls as necessary to provide required clearances for proper operation, maintenance and inspection.
H. Flash all roof and exterior wall penetrations and seal water-tight.
I. All exterior steel piping shall be painted using a metal primer coat, second coat of enamel, top coat of enamel, and a finish coat of gloss.
J. All piping below handicap accessible sinks shall be insulated and installed as high as possible and as far back as possible to provide maximum wheelchair access, per ADA requirements.
K. All waste and vent (DWV) piping 3" and above shall be sloped at 1/8" per foot minimum, piping 2-1/2" and smaller shall be sloped at 1/4" per foot minimum.
L. All overhead horizontal water piping shall be pitched to drain to low points.
M. All equipment suspended from roof structure shall be mounted on structural steel supports frames (channels or angles) bolted to supports and to equipment at each equipment support point.
N. Provide pipe supports at all piping changes in direction and at maximum center distances per ANSI Code for pressure piping, with sizing and spacing of hangers per these standards, unless otherwise noted.

1.05 WARRANTY AND OPERATION INSTRUCTIONS

- A. All materials, equipment, and work will carry, as a minimum, a full one (1) year warranty from time Owner accepts building or the date of substantial completion, whichever is earlier, regardless of start-up date of equipment.
B. A minimum of two (2) bound copies of operation and maintenance manuals for the entire mechanical system including controls) will be prepared by the Contractor and provided to the Owner.
1.06 EQUIPMENT CONNECTIONS
A. Each equipment item with drain connection will be provided with a properly sized drain run to the nearest floor drain or as directed.
B. Rough-in and make final connection to all equipment provided under other Divisions of these specifications or by the Owner.
C. Contractor will install rough-ins only after he has received approved shop drawings or has obtained drawings and/or specifications for equipment provided by others.

1.08 CUTTING AND PATCHING

- A. Provide all cutting and patching required to perform the mechanical work.
B. All cutting, patching and repair work will be done by workmen skilled in the trade required.
C. The contractor shall be responsible for a neat and clean cutting and patching operation.
1.09 EXCAVATION, TRENCHING AND BACKFILLING
A. All excavation, trenching and backfilling in connection with the mechanical system is included as part of this Division.
B. All excavation, trenching and backfilling required will be done as part of the contract price regardless of any implied conditions on the drawings or in these specifications.
C. Have all underground utilities located and marked before excavating.
D. Walls of trenches shall be minimum 6" from side of nearest mechanical work.
E. Pipe Trenching: Dig trenches to depth, width, configuration, and grade appropriate to piping being installed.
F. Do not backfill until work has been inspected, tested, approved.
G. Trench Backfill: Backfill to 12" above top of piping with pea gravel or fine granular material.

1.10 SUPPORTS AND FOUNDATIONS

- A. Provide all supporting systems required to support all of the mechanical systems in the scope of work of this contract.
B. Provide adequate pipe suspension systems in accordance with recognized industry standards.
C. Maximum allowable piping support intervals (unless reduced by local code):
a. Vertical piping - 15 ft. on center
b. Horizontal ferrous piping through 1" diameter - 6 ft. on center
c. Horizontal ferrous piping 1-1/4" through 2" diameter - 10 ft. on center
d. Horizontal ferrous piping over 2" diameter - 12 ft. on center
e. Horizontal cast iron - support twice in each section of pipe, minimum.
1.11 ELECTRICAL
A. Furnish and install all electrical interlock and control wiring for proper operation and control of all mechanical equipment.
B. Supervise and coordinate all electrical work in connection with mechanical system.
C. Furnish all motor controllers or contactors for proper operation of all motors.
D. Furnish equipment with factory supplied starters and disconnects where available.

1.12 VALVES

- A. General:
a. Valves listed below are for general purpose plumbing and mechanical use.
B. Ball Valves: Nibco 585-70 series.
C. Butterfly Valves: Nibco LD-2000
D. Globe Valves: Nibco T-211 or F-718-B.
E. Check Valves: Nibco T-413-B or F-918-B.
1.13 TESTING - PLUMBING
A. Test all piping systems.
B. Storm, waste and vent systems shall be tested to a minimum hydrostatic head of ten feet, and this pressure shall be maintained a minimum of three hours and proved tight.
1.14 MECHANICAL IDENTIFICATION
A. All piping, valves, and equipment will be appropriately identified with permanent markings.
B. Provide engraved plastic laminate equipment tags on all new and existing mechanical equipment.
C. Pipe lines accessible for maintenance shall be identified as to service with Seton Set-Mark or equal semi-rigid plastic identification markers.
a. Adjacent to each valve and fitting (except plumbing fixtures)
b. At each branch and riser takeoff
c. At each pipe passage through wall, floor and ceiling
d. At each pipe passage to underground
e. On horizontal runs: at 25' intervals

1.15 STORAGE, CLEANUP, AND DEBRIS REMOVAL

- A. Coordinate storage of all equipment and materials with the owner's representative and general contractor.
1.06 EQUIPMENT CONNECTIONS
A. Each equipment item with drain connection will be provided with a properly sized drain run to the nearest floor drain or as directed.
B. Rough-in and make final connection to all equipment provided under other Divisions of these specifications or by the Owner.
C. Contractor will install rough-ins only after he has received approved shop drawings or has obtained drawings and/or specifications for equipment provided by others.

SECTION 22 - PLUMBING

22.01 FIXTURES AND TRIM

- A. Fixtures will be equal to those scheduled on drawings, with all necessary support, trim and accessories required for a neat, clean, complete and operative installation provided under this contract.
B. All exposed finished metal parts will be chromium-plated, and all fixtures will be provided with some form of supply stop.
C. All supply angle stop valves shall be chrome plated brass body, wheel handle, and escutcheon plate.
D. All equipment shut-off valves shall be full-port ball valves with 2-piece bronze body, stainless steel ball, and Teflon seat and packing; or Milwaukee "Butterball" with bronze body, stainless steel disk, and Viton disk seat.
E. The exact location, elevation, and orientation of all plumbing fixtures shall be coordinated with and provided in accordance with the architectural plans.

22.02 POTABLE WATER PIPING

- A. General: All materials shall be ANSINSF 1461 listed for potable water service.
B. Below Grade Within 5 Feet of Building Footprint and Beneath Slab:
a. 2" diameter and smaller: Copper tubing ASTM B88 Type K annealed with AWS A5.8 BCU-P silver brazed (lead free) joints, no fittings.
C. Above Grade/Slab:
a. 2-1/2" diameter and smaller: Copper tubing ASTM B88 Type L hard drawn with ASME A16.18 cast bronze or ASME 61.22 wrought copper or bronze fittings and ASTM B32 Grade 95TA solder (lead free) joints.
b. Where exposed at fixtures, use seamless brass pipe, chrome plated.

22.03 SANITARY WASTE AND VENT PIPING / STORM DRAIN PIPING

- A. Below Grade Within 5 Feet of Building Footprint and Below Slab:
a. PVC pipe and fittings: ASTM D2665, solid wall, schedule 40, ASTM D2564 solvent weld.
B. Above Grade:
a. ASTM D2665 PVC is an acceptable alternate above grade if all of the following criteria are satisfied:
22.06 INSULATION
A. Domestic Cold Water (Above-Grade): Equal to Owens-Corning 1 inch thick one-piece fiberglass pipe insulation with factory-applied White All-Service (ASJ) Vapor Barrier Jacket.
B. Domestic Hot Water and Hot Water Recirculation (Above-Grade): Equal to Owens-Corning 1 inch thick fiberglass, one-piece, pipe insulation with factory-applied White All-Service (ASJ) Vapor Barrier Jacket.
C. Domestic Hot and Cold Water (Below-Grade): Insulate piping located below slab or grade with "Foamglas" 3/4 inch thick and apply asphaltic coating equal to PC Pliotoc 300.
D. Exposed Hot Water, Cold Water, and Drain Pipes Serving Lavatories: Where hot and cold water pipes serving fixtures are exposed, insulate for ADA compliance with product equal to Handi-Lav-Shield as manufactured by TruBoro, Inc., Ellington, CT.

E. All insulated piping located exterior to the building will have the exterior of the insulation covered with an aluminum jacket.

22.07 TREATMENT, FLUSHING, AND ISOLATION

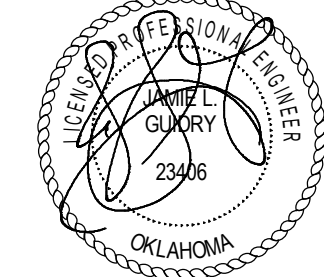
- A. All potable water systems and equipment will be treated and purified in compliance with local health codes and local water jurisdiction requirements.
B. After the installation of all new sanitary sewer piping systems and prior to building occupancy, all new sanitary drainage piping shall be hydrojetted and cleared.
C. Furnish and install backflow prevention devices where potable water systems are stubbed out for connection to mechanical make-up water systems, at stub-outs for landscape irrigation systems, and for connections to any other non-potable type systems.

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314 W. LOCUST ST., STILLWELL, OK 74960
PLUMBING SPECIFICATIONS



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03-21-2025

PROJECT #: 20200132

ISSUE DATES: 03/21/2025

Table with 3 columns: No., Description, Date

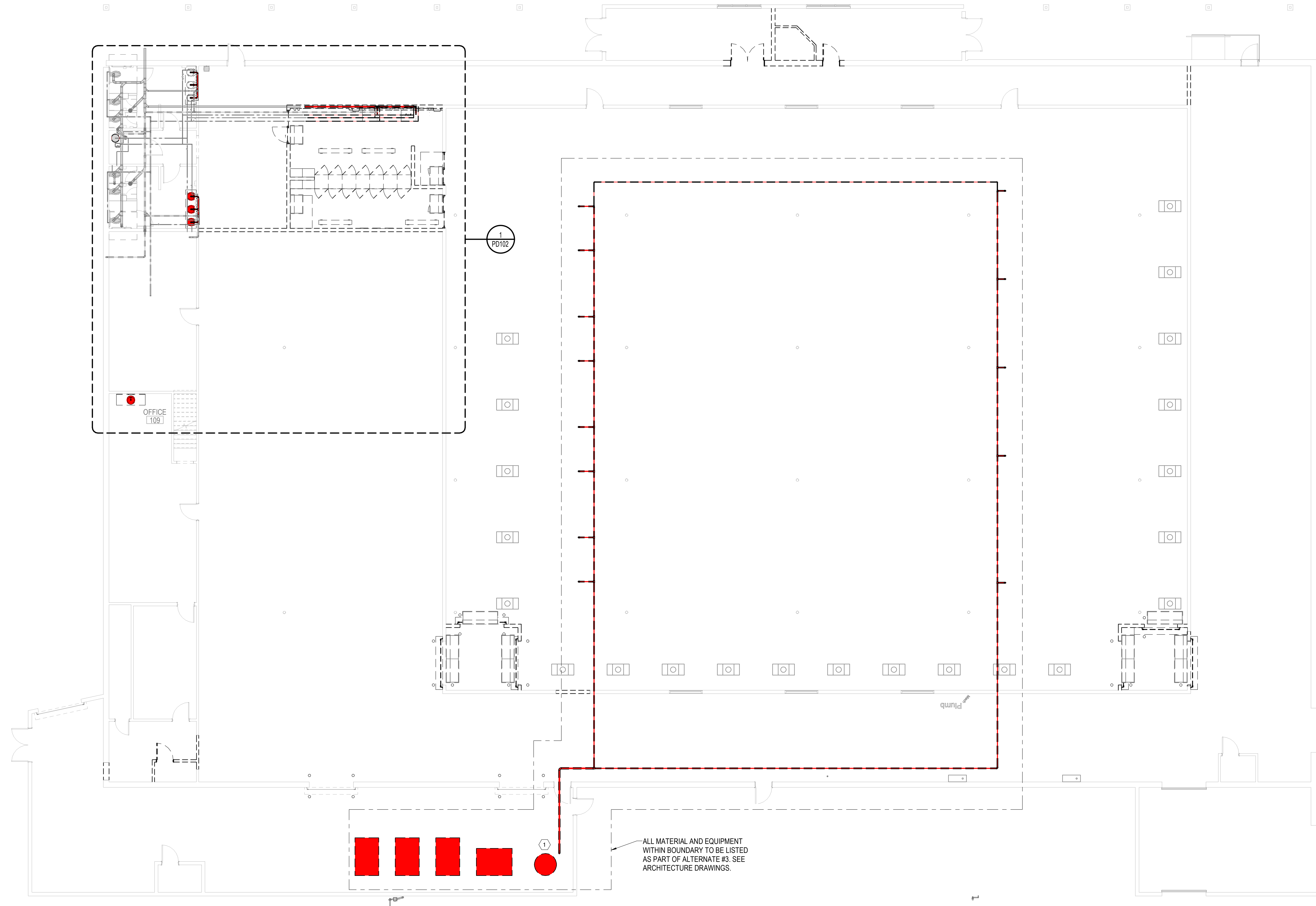
SHEET NUMBER: P-002

GENERAL NOTES

1 REFER TO SHEET P-001 FOR LEGEND AND NOTES.

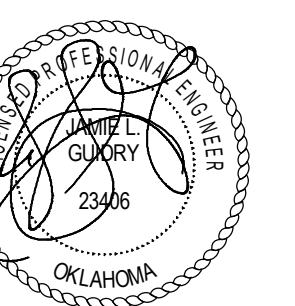
KEYED NOTES

1 REMOVE EXISTING AIR COMPRESSORS AND ALL ASSOCIATED EQUIPMENT. CAP ALL COMPRESSED AIR PIPING ABOVE CEILING AND ABANDON.



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314 W. LOCUST ST., STILWELL, OK 74960
FIRST FLOOR PLUMBING DEMOLITION PLAN



03-21-2025

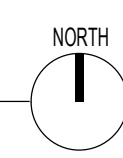
PROJECT #: 20200132

ISSUE DATES:
CONSTRUCTION DOCUMENTS: 03/21/2025

No.	Description	Date

SHEET NUMBER:
PD101

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

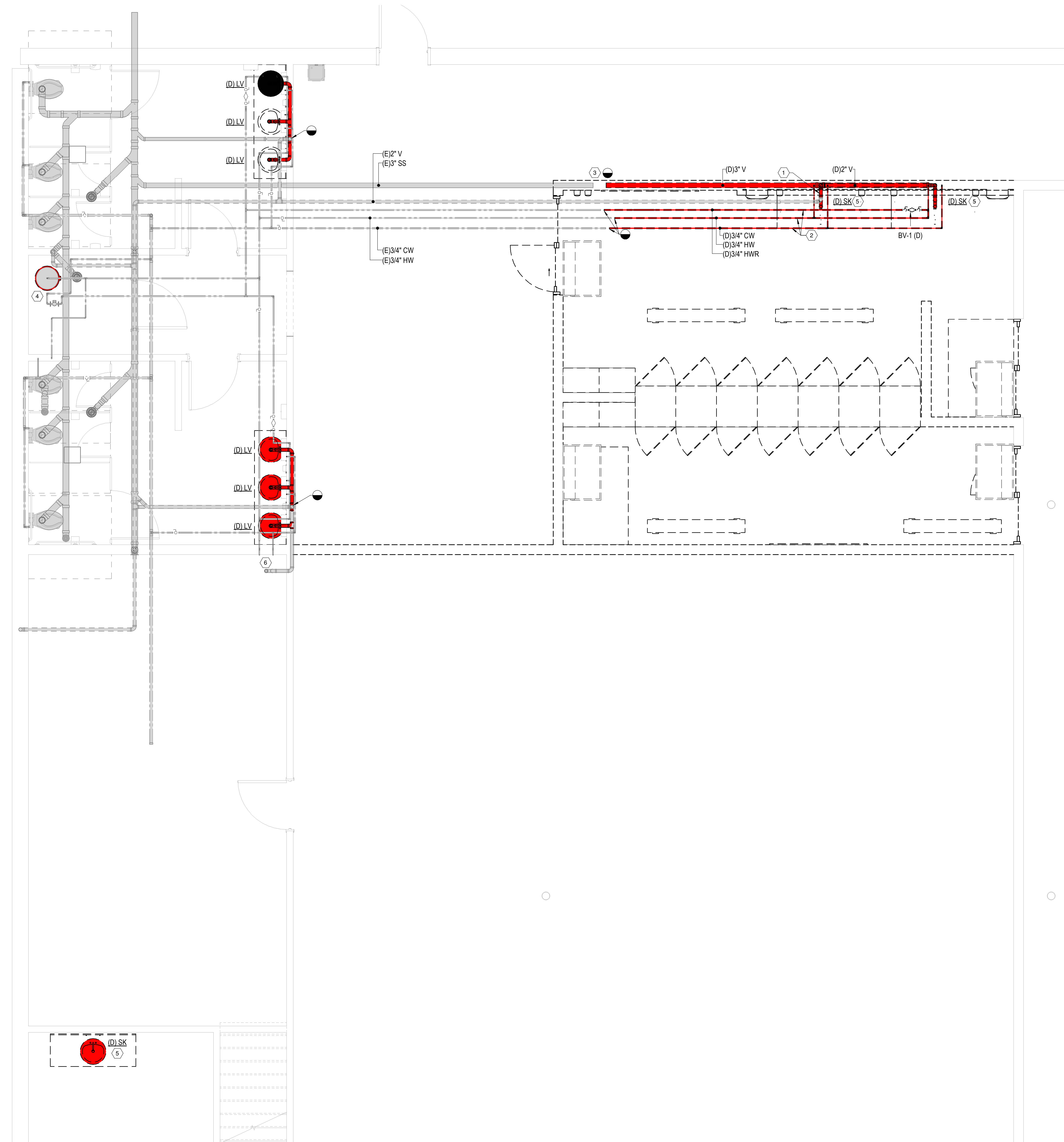


GENERAL NOTES

1 REFER TO SHEET P-001 FOR LEGEND AND NOTES.

KEYED NOTES

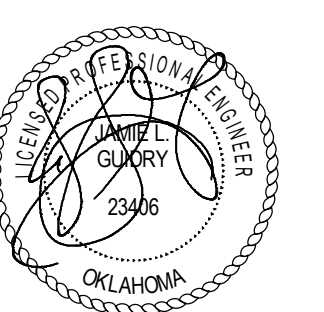
- 1 REMOVE EXISTING VENT PIPING TO POINT INDICATED. CAP AND ABANDON UNUSED PIPING.
- 2 REMOVE EXISTING SUPPLY PIPING TO POINT INDICATED.
- 3 ABANDON EXISTING SANITARY SEWER.
- 4 REMOVE EXISTING WATER HEATER AND REPLACE WITH NEW.
- 5 REMOVE EXISTING PLUMBING FIXTURE AND CAP ALL ASSOCIATED PIPING BEHIND A FINISHED SURFACE.
- 6 EXISTING MILLWORK TO BE REPLACED. REMOVE AND REUSE EXISTING SINK.



1 ENLARGED DEMOLITION PLUMBING PLAN
3/8" = 1'-0"

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314 W. LOCUST ST., STILWELL, OK 74960
ENLARGED DEMOLITION PLUMBING PLAN



03-21-2025

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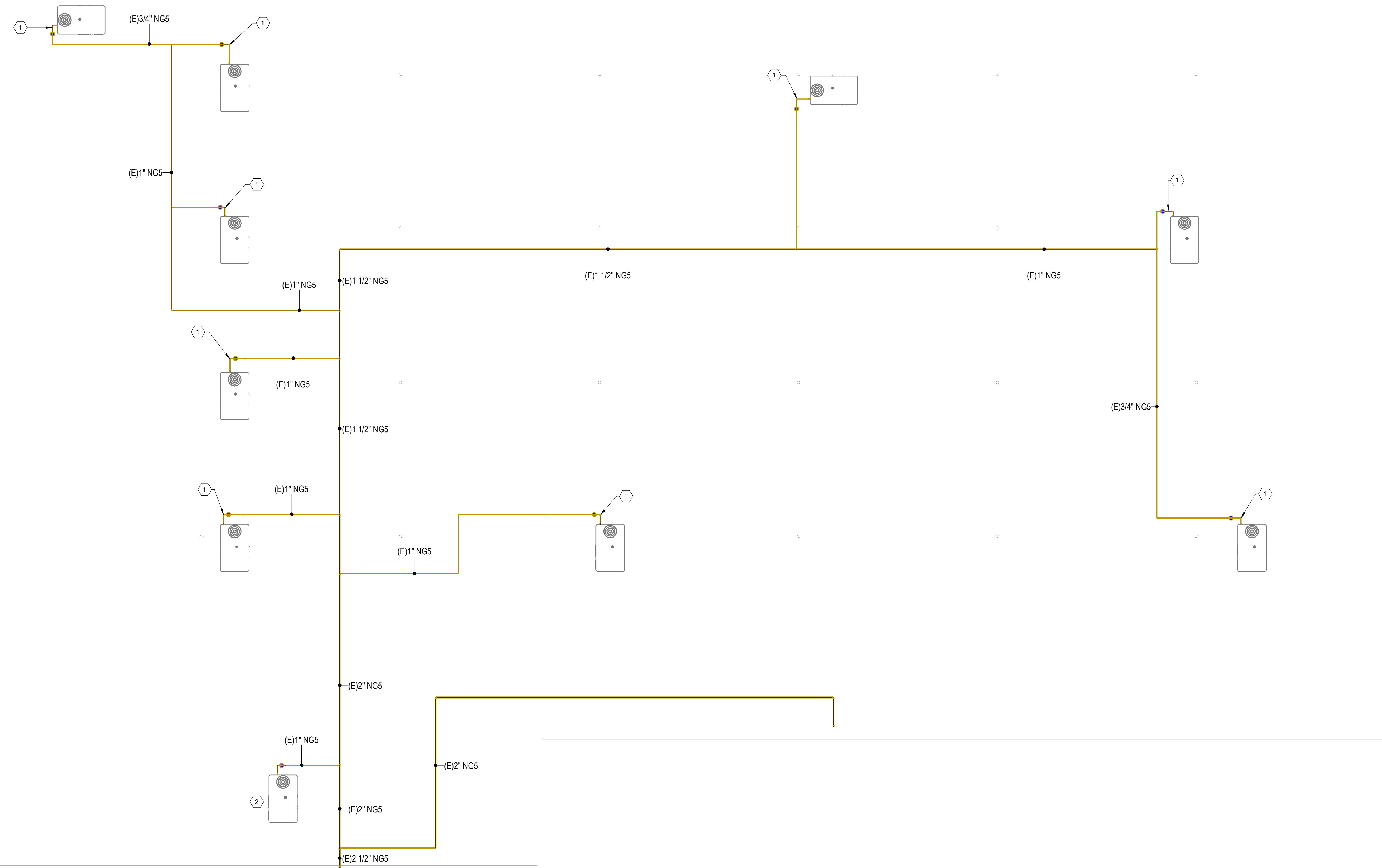
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CONSTRUCTION DOCUMENTS:		
No.	Description	Date

GENERAL NOTES

1 REFER TO SHEET P-001 FOR LEGEND AND NOTES.

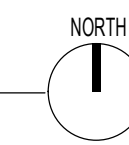
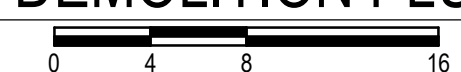
KEYED NOTES

1 DISCONNECT GAS PIPING FROM EXISTING RTU AND CAP.
2 EXISTING RTU TO REMAIN IN USE.



1 ROOF DEMOLITION PLUMBING PLAN

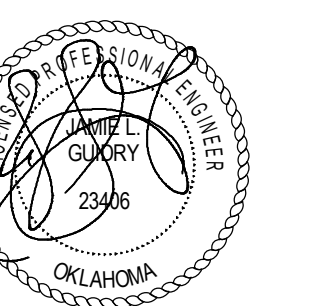
1/8" = 1'-0"



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ROOF DEMOLITION PLUMBING PLAN



03-21-2025

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ISSUE DATES:
CONSTRUCTION DOCUMENTS: 03/21/2025

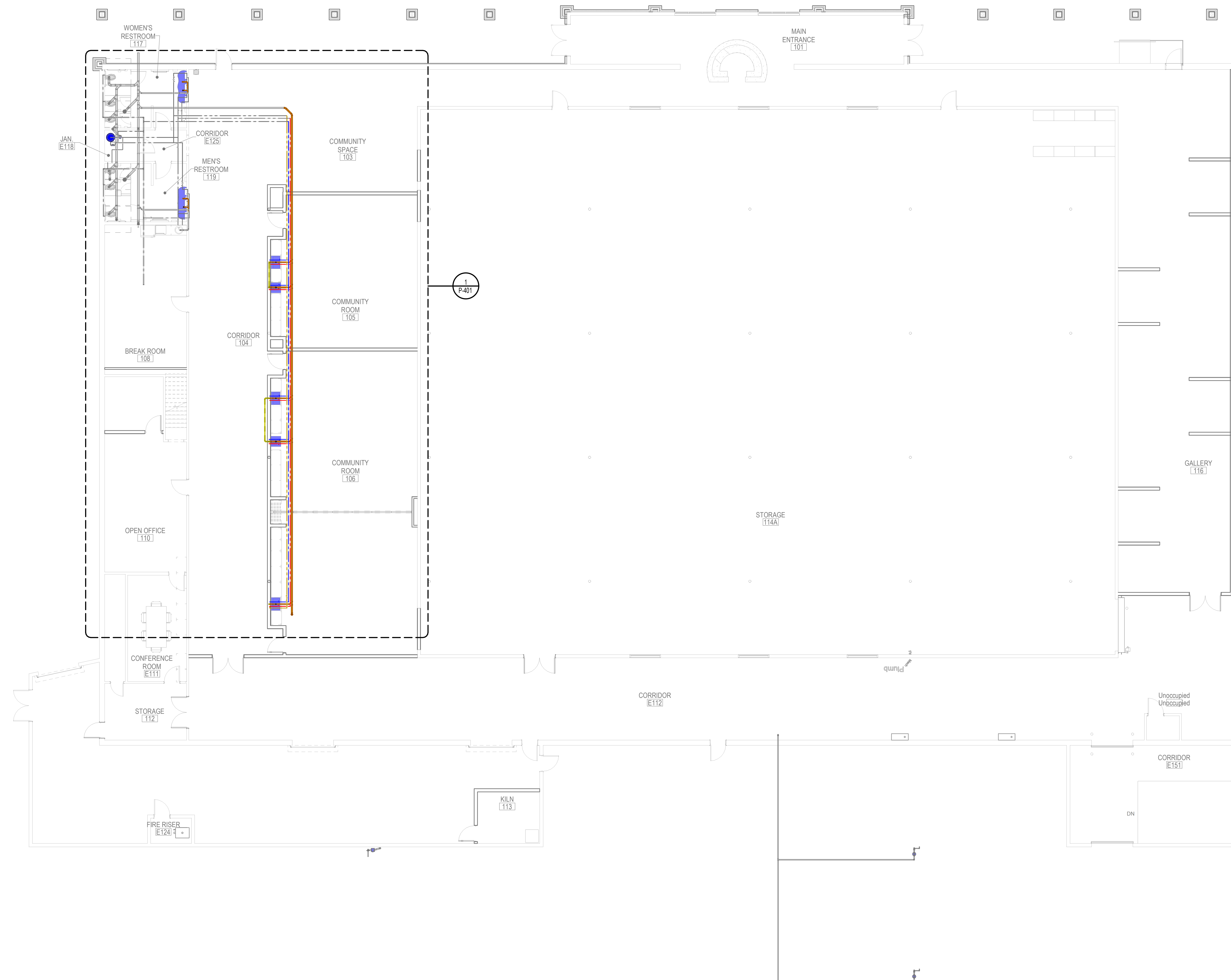
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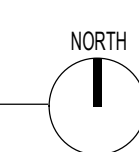
PD103

GENERAL NOTES

1 REFER TO SHEET P-001 FOR LEGEND AND NOTES.



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



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314 W. LOCUST ST., STILWELL, OK 74960
FIRST FLOOR PLUMBING PLAN



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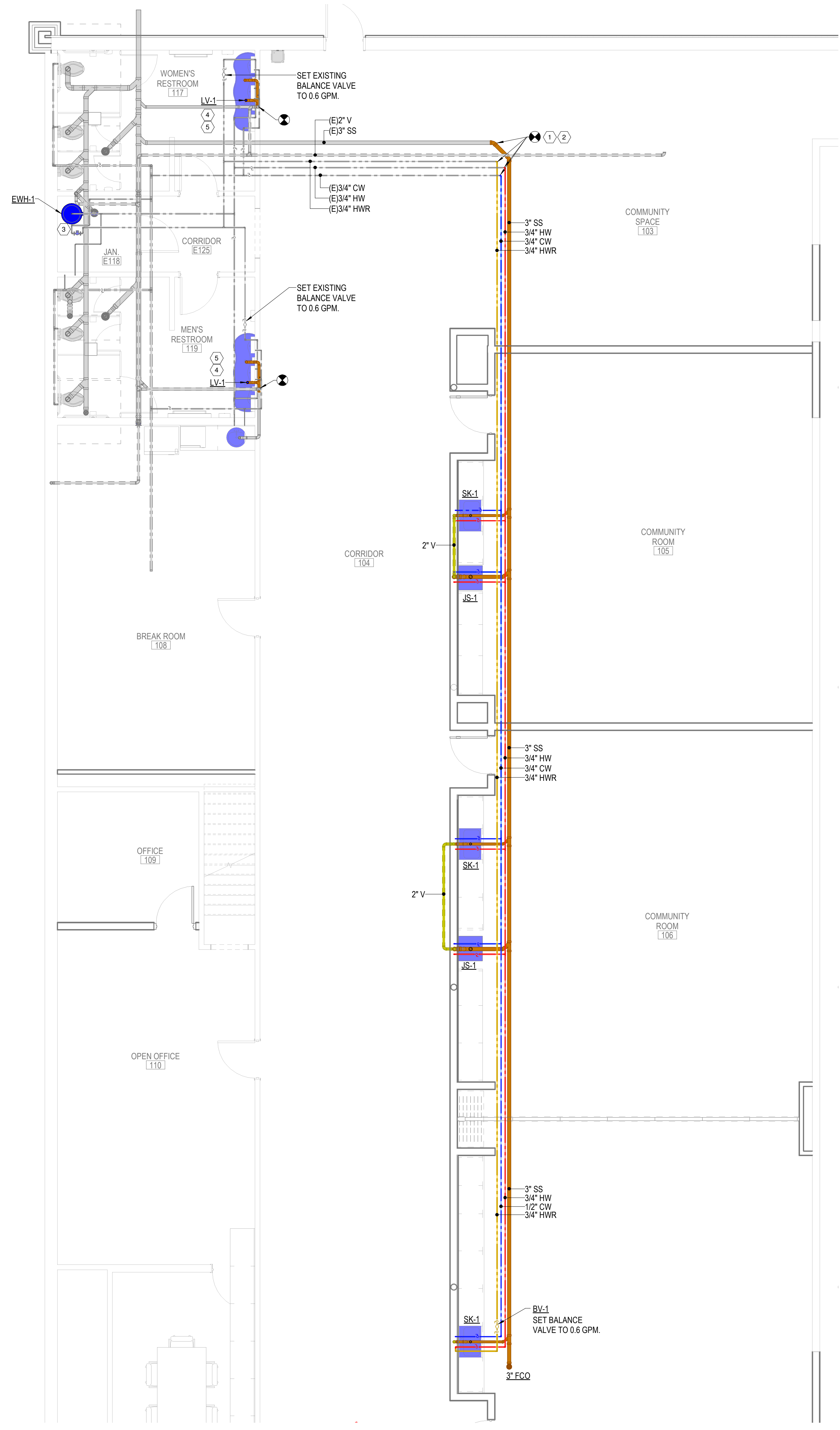
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PROJECT #: 20200132

ISSUE DATES:

CONSTRUCTION DOCUMENTS		
No.	Description	Date

SHEET NUMBER:
P-101



KEYED NOTES

- 1 CONNECT NEW BUILDING DRAIN TO EXISTING AT THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION.
- 2 CONNECT NEW SUPPLY PIPING TO EXISTING AT THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION.
- 3 RECONNECT EXISTING SUPPLY PIPING TO NEW WATER HEATER.
- 4 CONNECT NEW FAUCETS TO EXISTING SUPPLY PIPING AT LAVATORIES.
- 5 FIELD VERIFY IF EXISTING SENSOR OPERATED FAUCETS ARE HARDWIRED OR BATTERY TYPE. IF HARDWIRED, CONNECT NEW SINK FAUCETS AND SOAP DISPENSERS AS REQUIRED. IF BATTERY TYPE, COORDINATE WITH ARCHITECT AND OWNER IF NEW FAUCETS AND SOAP DISPENSERS CAN BE BATTERY TYPE AS WELL.

1 ENLARGED PLUMBING PLAN
 1/4" = 1'-0"



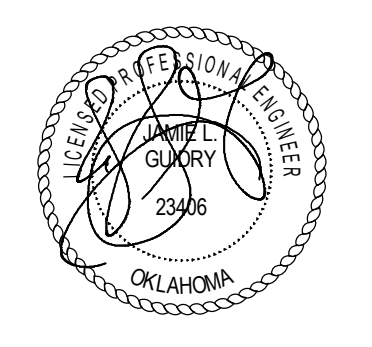
CHEROKEE NATION BUSINESSES - CULTURAL CENTER

314 W. LOCUST ST., STILLWELL, OK 74960
 ENLARGED PLUMBING PLAN



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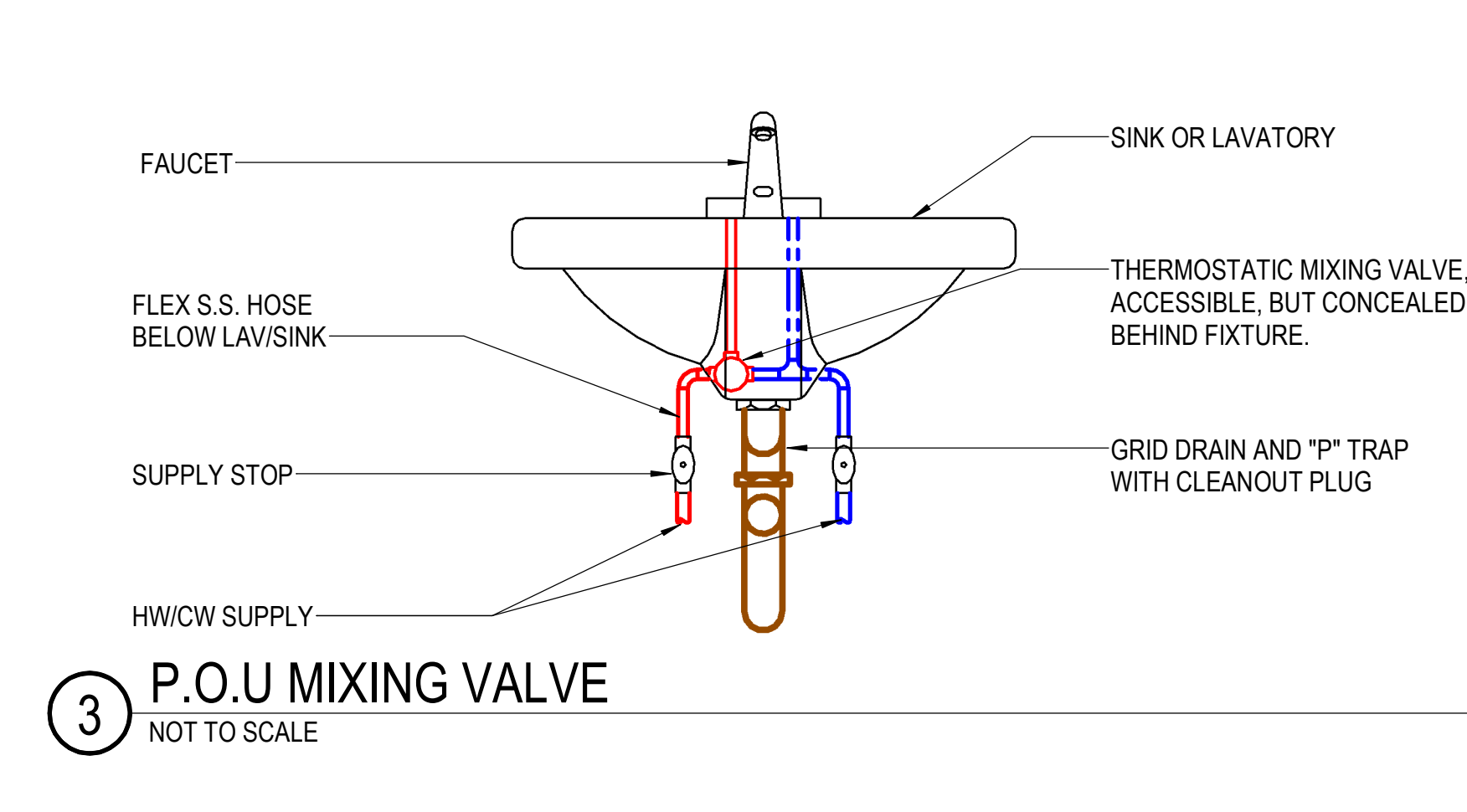
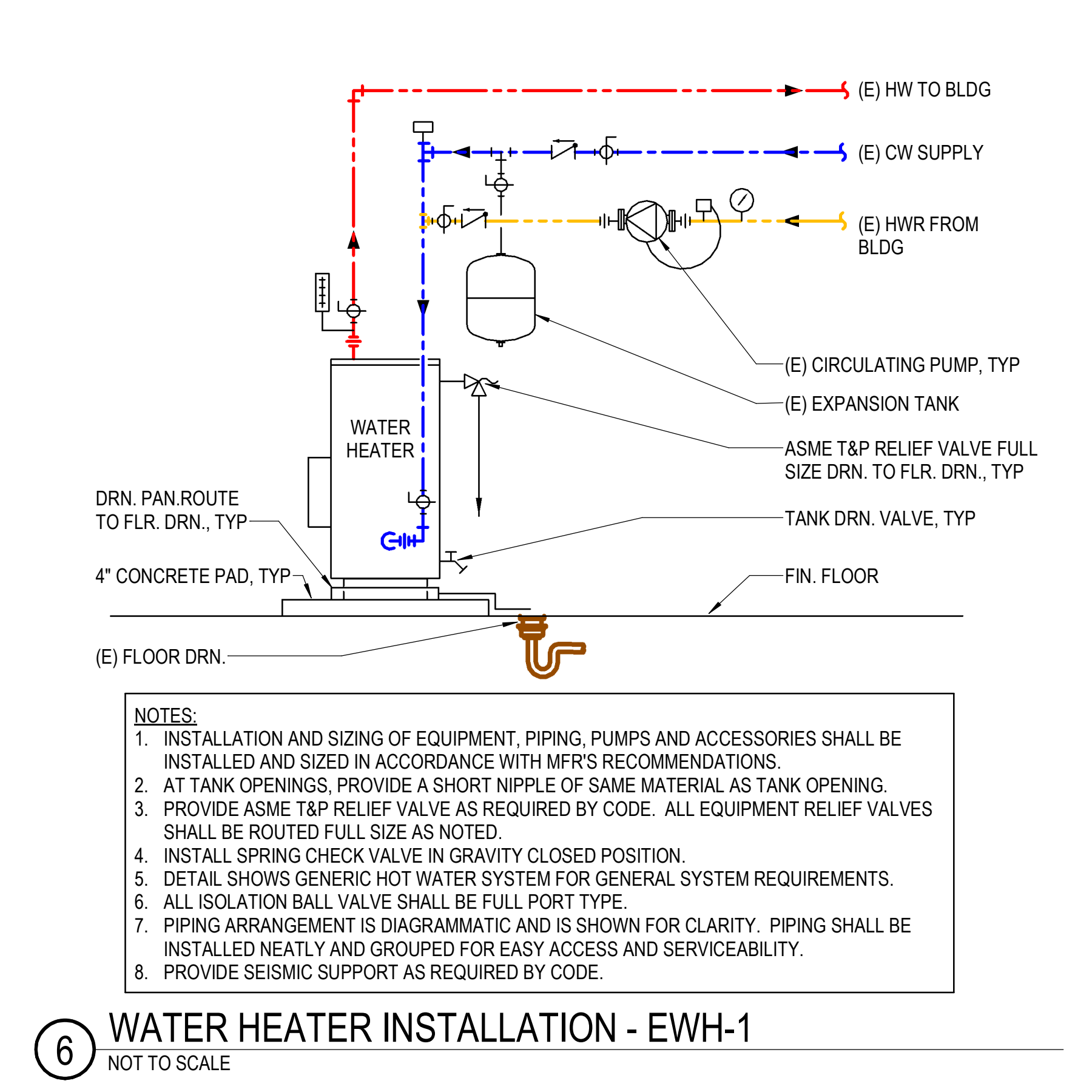
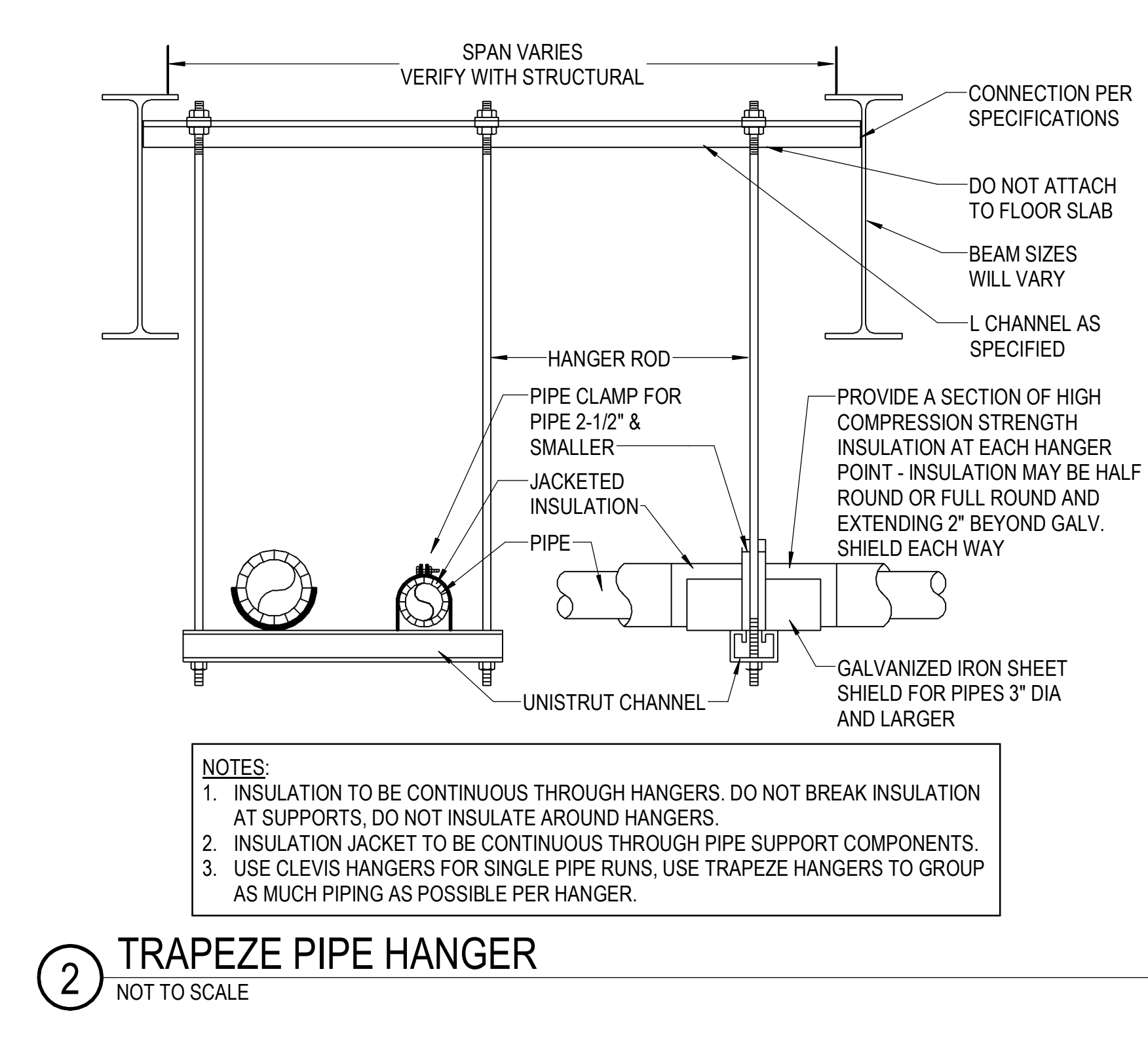
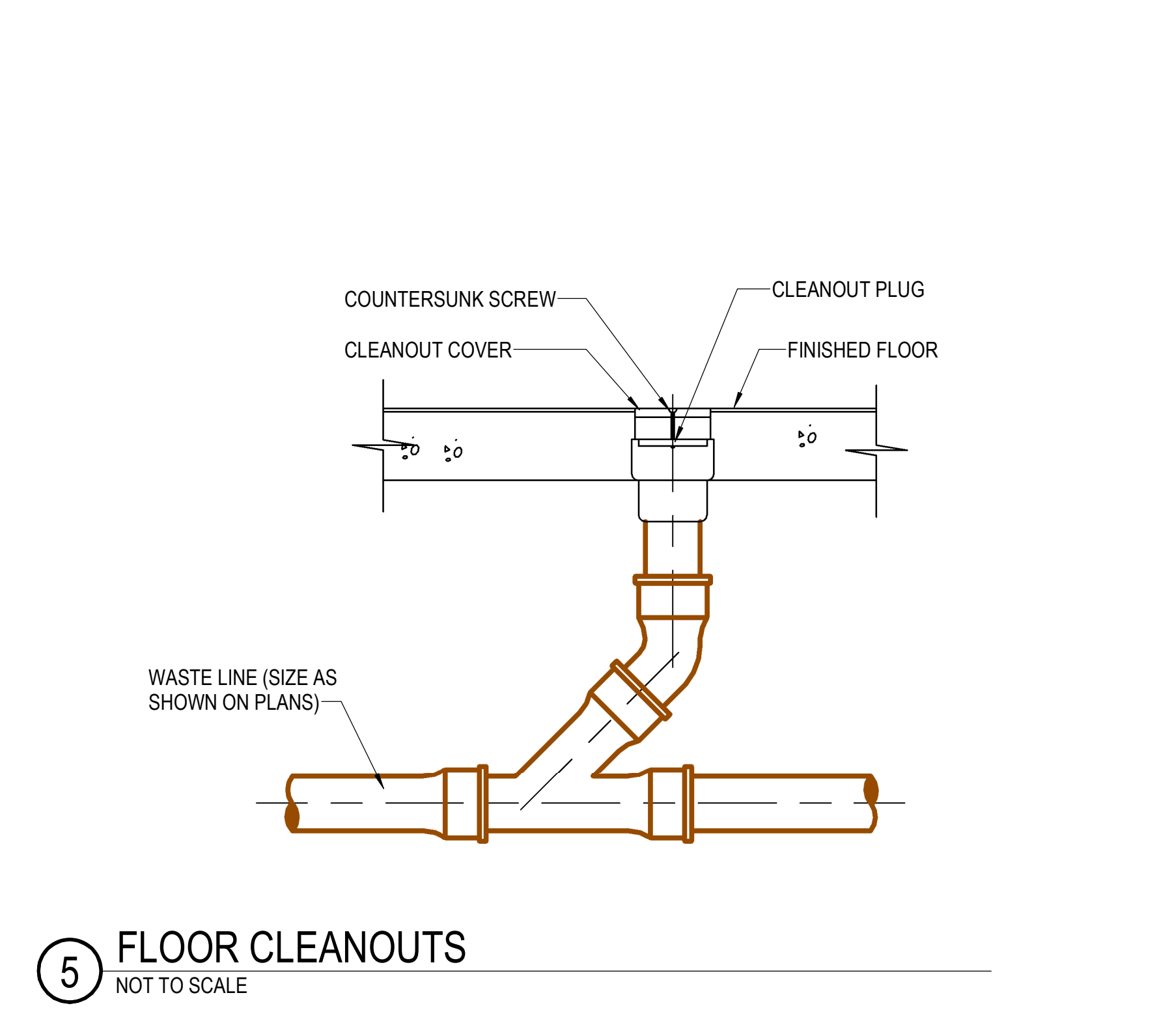
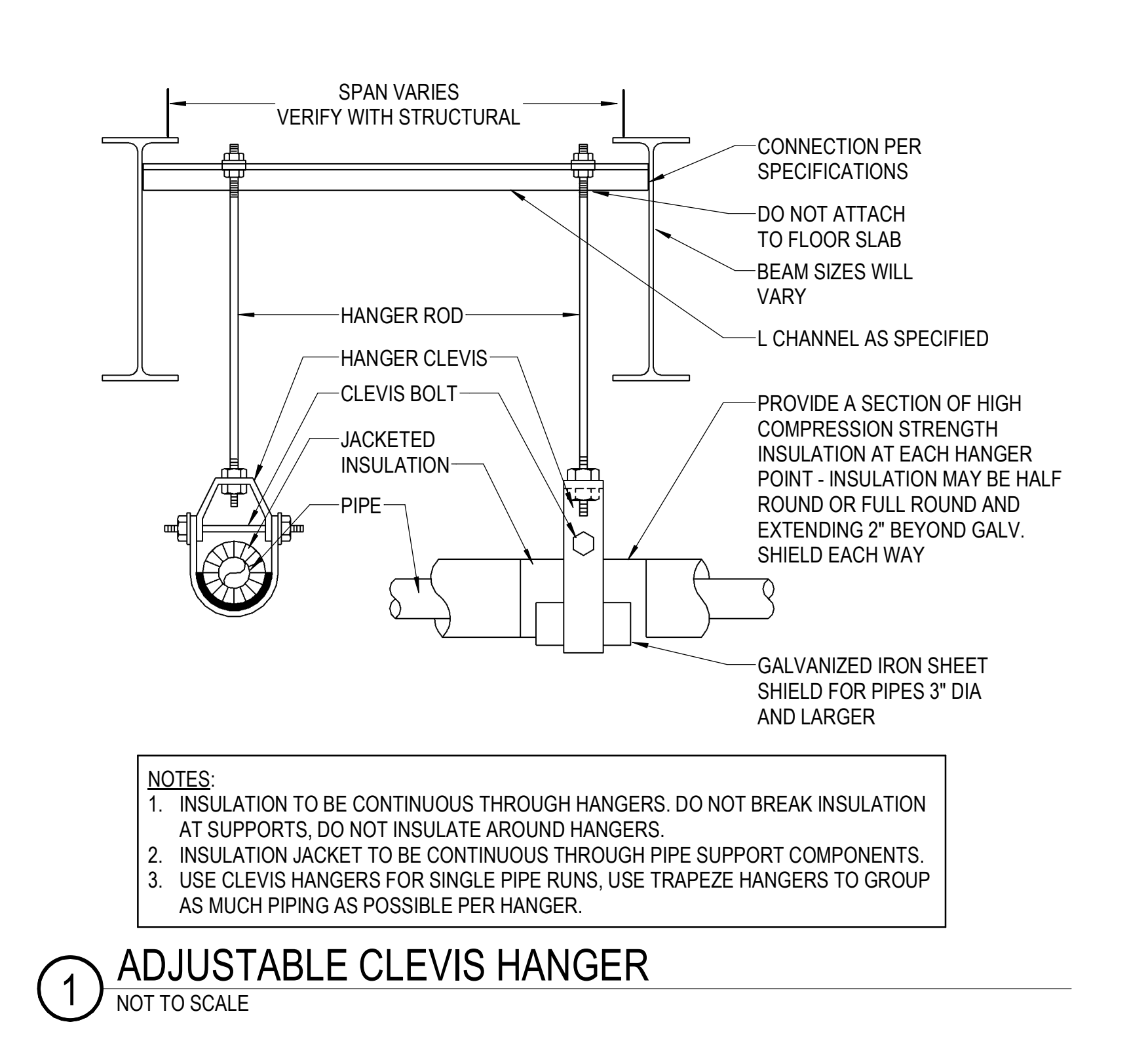
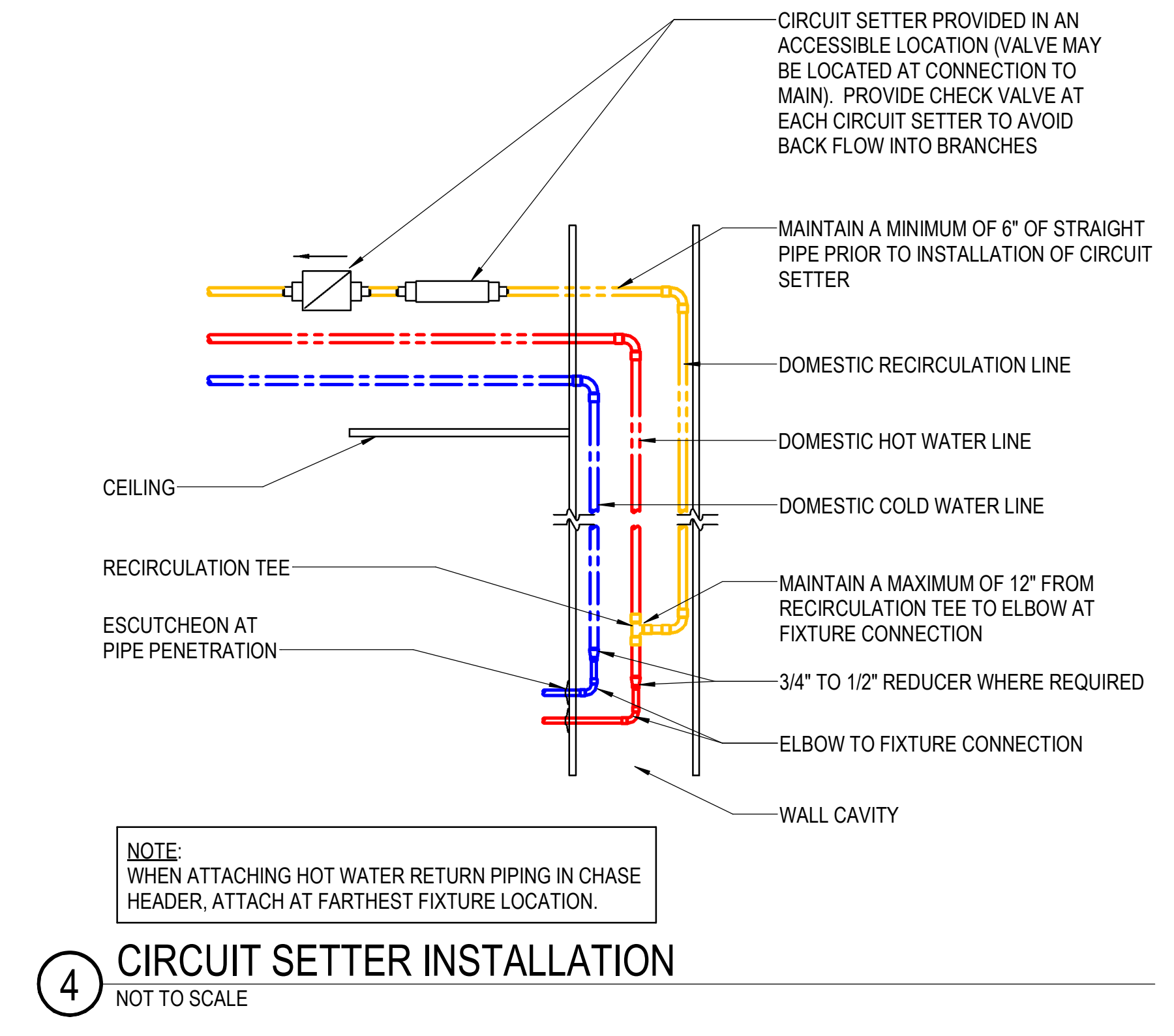
No.	Description	Date

SHEET NUMBER:
P-401

PLUMBING FIXTURE										SPECIFICATION
ID	MANUFACTURER & MODEL	BASIS OF DESIGN		ACCESSORIES						
LV-1	SLOAN, ELS-63000	MCGUIRE OFFSET GRID STRAINER #PW155WC, MCGUIRE P-TRAP #PW8000, MCGUIRE SUPPLY STOP VALVES #LFBV2-02, LEONARD MIXING VALVE #170-LF-BP, SLOAN SOAP DISPENSER #ESD-800-CP WITH AC ADAPTOR, SLOAN OPTIMA #ETF-80-PLG		COLD	HOT	WASTE	INDIRECT	VENT	TRAP	LAVATORY - ADA COMPLIANT, 21"x76", WALL HUNG, SOLID SURFACE 3-STATION LAVATORY, THREE FAUCET LOCATIONS, TWO SOAP DISPENSERS, FAUCET - 0.5 GPM, POLISHED CHROME FINISH, 5-18" SPOUT, DECK MTD, SENSOR FAUCET, HARDWIRED (CORD AND PLUG), THERMOSTATIC MIXING VALVE
SK-1	JUST MFG, SL2133A-J	LEONARD THERMOSTATIC MIXING VALVE #170-LF-BP, MCGUIRE OFFSET BASKET STRAINER #1151AWC, MCGUIRE P-TRAP #8912, MCGUIRE SUPPLY STOP VALVES #LFBV2-04, 64oz GLECO TRAP, T&S BRASS, #B-2862-QT-VR22		1/2"	1/2"	2"	---	2"	1-1/4"	SINK - 31"x22"x7-5/8"D, 1 COMPARTMENT, COUNTER-TOP, SELF RIMMING, 18 GAUGE TYPE 304 STAINLESS STEEL, CENTER DRAIN OUTLET, THREE FAUCET HOLES ON 8" CENTERS, 64oz GLECO TRAP, FAUCET - 2.2 GPM, CHROME PLATED LEAD FREE, 8-13/16" GOOSENECK SWING SPOUT, DECK MTD, 4" WRIST BLADES, CONCEALED DUAL HOT/COLD SUPPLY, 8" FIXED CENTERS, THERMOSTATIC MIXING VALVE SET 110 DEGREES.
JS-1	MUSTEE, 63M	MUSTEE #65,700 RUBBER HOSE AND HANGER, MUSTEE #65,600 MOP HANGER, MUSTEE #67,24C WALL GUARD, MUSTEE, #63,600A		3/4"	3/4"	3"	---	2"	3"	MOP SINK - 24" x 24" x 10", FLOOR MTD, DURASTONE, FAUCET - HEAVY DUTY CHROME PLATED LEAD FREE, VACUUM BREAKER, PAIL HOOK, 3/4" HOSE THREADED OUTLET, UPPER SUPPORT ROD

PLUMBING EQUIPMENT								SPECIFICATION
ID	BASIS OF DESIGN	UTILITY CONNECTIONS	CONNECTION TYPE	ELECTRICAL	PHASE	POWER	AMPS	
EW-1	RHEEM, #ELD40	3/4" CW, 3/4" HW TANK DRAIN	HARDWIRED WITH GFCI PROTECTION	VOLTAGE	208 V	3 KW	14.5 FLA	ELECTRIC WATER HEATER - 40 GAL, 12 GPM @ 100°F RISE, 20"DIA 48"H, TANK TYPE, HIGH-TEMP PORCELAIN ENAMEL TANK LINING, MAGNESIUM ANODE ROD RIGIDLY SUPPORTED, 150 PSI WORKING PRESSURE RATING, COPPER RESTORED SCREW-IN ELEMENTS, INSULATED WITH 2-1/2" RIGID POLYURETHANE FOAM, SURFACE MOUNTED THERMOSTATS WITH INTEGRAL MANUAL RESET, HIGH LIMIT CONTROL, CSA/ASME RATED T&P RELIEF VALVE, UL SEAL OF CERTIFICATION, COMPLETELY FACTORY ASSEMBLED

PLUMBING ACCESSORY			SPECIFICATION
ID	BASIS OF DESIGN	UTILITY CONNECTION	
FO	WADE, 6000-T SERIES	SAME SIZE AS LINE, MAX. 4"	FLOOR CLEANOUT - SAME SIZE AS LINE, MAX. 4", HEAVY DUTY CAST IRON, FERRULE, THREADED ADJUSTABLE HOUSING, INTEGRAL CLAMPING COLLAR, ABS PLUG, 6-3/4"DIA ROUND SCORRIATED SECURE TOP WITH SATIN NICKEL-BRONZE FINISH

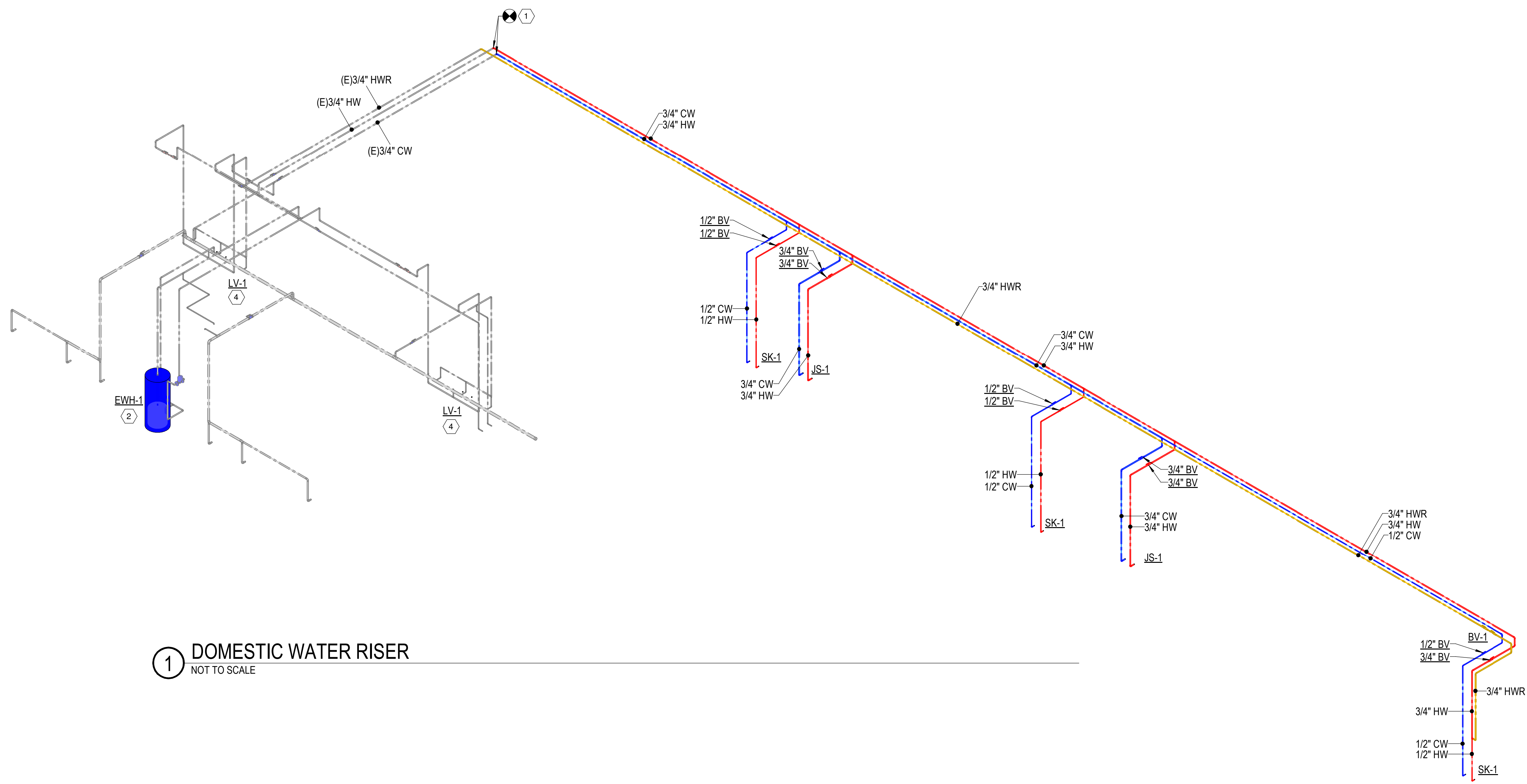


WATER HAMMER ARRESTOR						
P.D.I. UNITS	A	B	C	D	E	F
FIXTURE UNITS	1-11	12-32	33-60	61-113	114-154	155-330

WADE "SHOKSTOP" #4481 SERIES WATER HAMMER ARRESTOR. SEAMLESS COPPER CONSTRUCTION, POLYPROPYLENE PISTON, (2) EPDM O-RINGS, NIPPT CONNECTION, MAX. PRESS. 350 PSI, MAX. TEMP. 250°F, PROVIDE PROPERLY SIZED WATER HAMMER ARRESTORS AND LOCATE ON PIPING IMMEDIATELY UPSTREAM OF ALL QUICK CLOSING VALVES (E.G. FLUSH VALVES, DISHWASHER, ICE MAKERS, SOLENOID VALVES, ETC.)



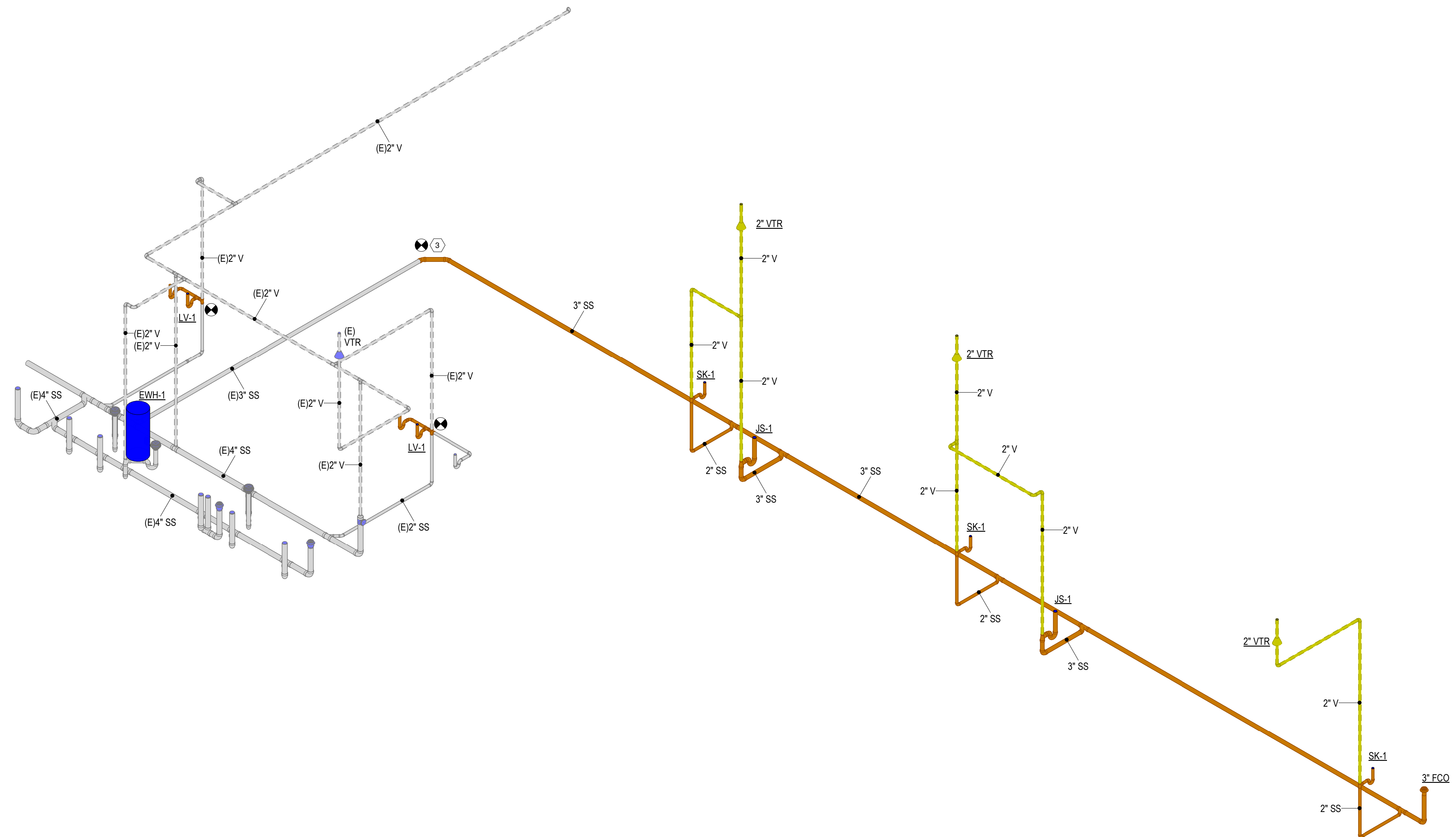
ISSUE DATES:		
CONSTRUCTION DOCUMENTS	No.	Date
		03/21/2025



1 DOMESTIC WATER RISER
NOT TO SCALE

KEYED NOTES

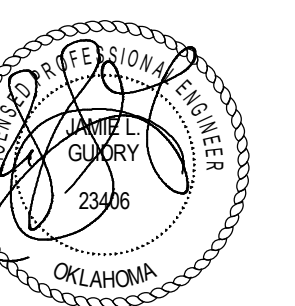
- 1 CONNECT NEW SUPPLY PIPING TO EXISTING AT THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION.
- 2 RECONNECT EXISTING SUPPLY PIPING TO NEW WATER HEATER.
- 3 CONNECT NEW BUILDING DRAIN TO EXISTING AT THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION.
- 4 CONNECT NEW FAUCETS TO EXISTING SUPPLY PIPING AT LAVATORIES.



2 DRAIN, WASTE, VENT PLUMBING RISER
NOT TO SCALE

CHEROKEE NATION BUSINESSES - CULTURAL CENTER

314 W. LOCUST ST., STILWELL, OK 74960
PLUMBING RISERS



07-21-2025

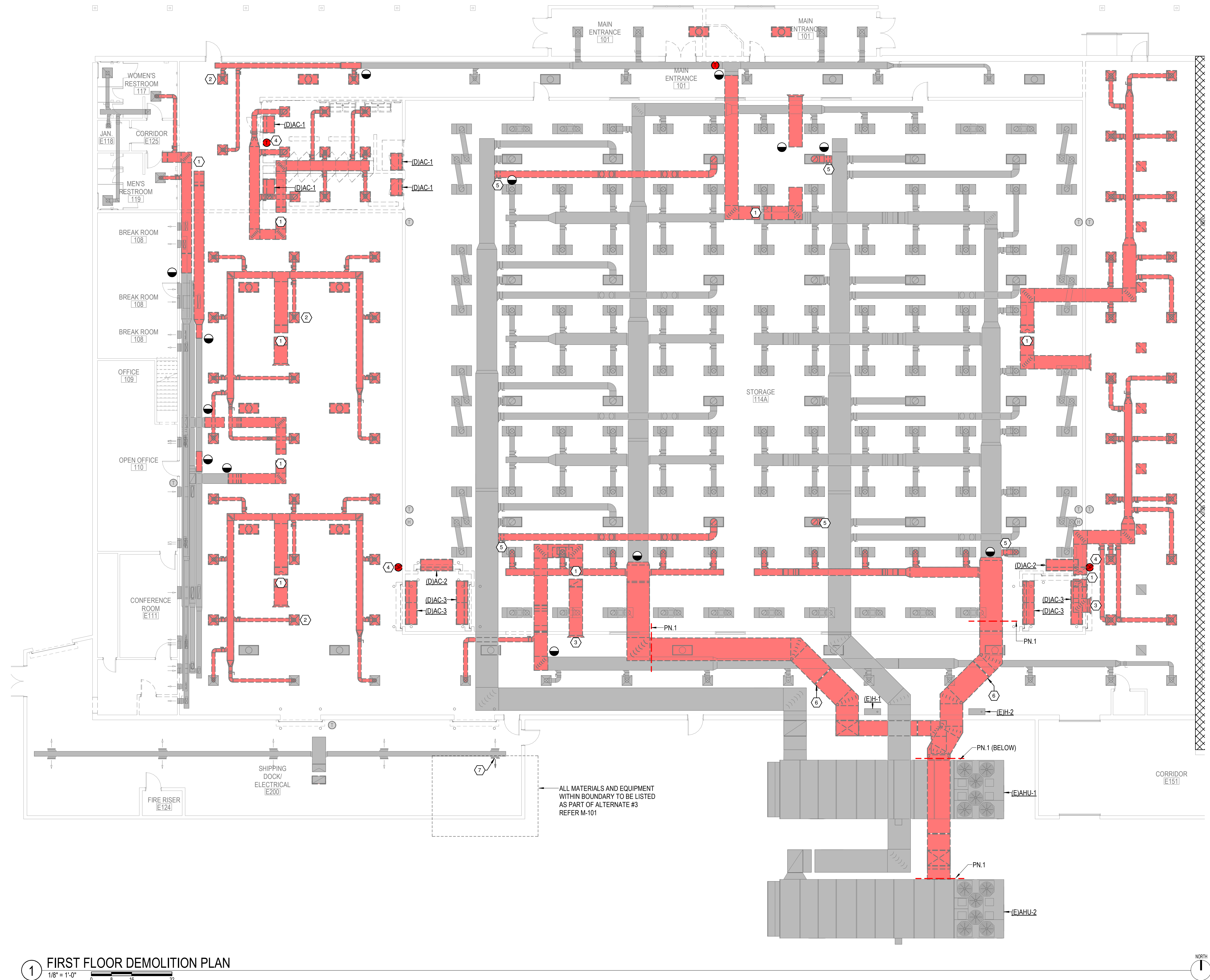
PROJECT #: 20200132

ISSUE DATES:		
CONSTRUCTION DOCUMENTS:		
No.	Description	Date

SHEET NUMBER:
P-901

KEYED NOTES

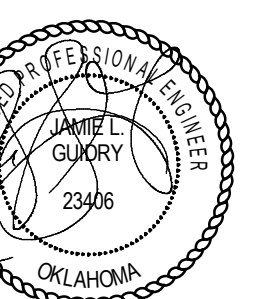
- 1 DEMOLISH SUPPLY, RETURN, AND TRANSITION DUCTWORK UP TO ROOFTOP AIR UNIT. CAP AND SEAL UNIT AIR OPENINGS.
- 2 REMOVE SUPPLY AND RETURN AIR DEVICES. CLEAN AND PREP FOR REUSE IN NEW CONSTRUCTION (TYP).
- 3 DEMOLISH PLENUM DUCTING. INFIL OPENING - REFER TO ARCHITECTUAL.
- 4 REMOVE DATA DEVICE. REPAIR WALL AS NEEDED.
- 5 DEMOLISH DUCTWORK TO LOCATION SHOWN AND CAP.
- 6 DEMOLISH STEAM DISPERSION TUBES AND PIPE CONNECTIONS. PIPE TO REMAIN.
- 7 DEMOLISH OR OTHERWISE BLOCK DUCT REGISTER.



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

CHEROKEE NATION BUSINESSES - CULTURAL CENTER

314 W. LOCUST ST., STILLWELL, OK, 74960
FIRST FLOOR MECHANICAL DEMO PLAN



03-21-2025

PROJECT #: 20200132

ISSUE DATES:
CONSTRUCTION DOCUMENTS: 03/21/2025

No.	Description	Date

SHEET NUMBER:
MD101

MECHANICAL CONTRACTOR PRICING NOTE

PN 1 CONTRACTOR TO PROVIDE BREAKOUT PRICE (INCLUDED IN THE BASE BID) REQUIRED TO DEMOLISH AND REPLACE SUPPLY AIR DUCTWORK WITHIN THE BOUNDS OF THE INDICATED BOUNDARY LINES (SEE NEW AND DEMO PLAN). THIS PRICE IS TO DETERMINE THE COST IMPACT OF REPLACING EXISTING DUCTWORK. GENERALLY, ALL SUPPLY AIR DUCTWORK FROM EACH AHU CONNECTION TO THE FIRST VAV BRANCH DUCT IS INCLUDED. THE DUCTWORK SHALL BE CONSIDERED TO BE MEDIUM PRESSURE. EXTERIOR DUCTWORK TO BE DUAL WALL AND CLAD. EXISTING DUCT SUPPORTS AND EXTERIOR WALL OPENINGS MAY BE REUSED, BUT SHALL BE INSPECTED AND REPLACED IF DAMAGED. ANY CONTROL INSTRUMENTATION WIRING SHALL BE REINSTALLED OR REPLACED IN THE SAME LOCATION. EXISTING STEAM DISPERSION TUBES TO BE REPLACED WITH NEW SCHEDULED UNITS AND RECONNECTING TO EXISTING STEAM GENERATORS.

KEYED NOTES

- 1 INSTALL COMMON RETURN AIR BYPASS DUCT. INSTALL ON/OFF AIR DAMPER AT EACH UNIT RETURN AIR CONNECTION. FIELD VERIFY IDEAL DUCT CONNECTIONS AND ROUTING.
- 2 INSTALL COMMON SUPPLY AIR BYPASS DUCT. INSTALL ON/OFF AIR DAMPER AT EACH UNIT SUPPLY AIR CONNECTION. FIELD VERIFY IDEAL DUCT CONNECTIONS AND ROUTING.
- 3 INSTALL MODULATING AIR DAMPER. REFER M-701 FOR SEQUENCE OF OPERATION.
- 4 FAN FILTER AIR UNITS TO REMAIN IN OPERATION. (TYP.)
- 5 SUPPLY FAN FILTER UNIT TO REMAIN IN OPERATION. REBALANCE TO SCHEDULED AIRFLOW.
- 6 INSTALL ON/OFF AIR DAMPER.
- 7 REUSE EXISTING WALL PENETRATION WHERE PRACTICAL.
- 8 ADJUST VOLUME BALANCING DAMPER FOR PLENUM DUCT RETURN. ADJUST TO INDICATED AIR FLOW.
- 9 CAREFULLY COORDINATE DUCT INSTALLATION ABOVE OPERABLE WALL SUPPORT. RELOCATED DUCT AS REQUIRED.

KEYED NOTES

- 10 MAINTAIN MAXIMUM CLEARANCE ABOVE PLENUM RETURN REGISTERS. RELOCATE REGISTERS/GRILLES AS NECESSARY. (TYP.)
- 11 RELOCATE EXISTING AIR DEVICES AS NECESSARY FOR NEW CEILING GRID. EXTEND BRANCH DUCT AS REQUIRED.
- 12 INSTALL CONDENSATE DRAIN LINE DOWN WALL TO BUILDING EXTERIOR AND DISCHARGE -6" ABOVE GRADE. COORDINATE WITH OWNER OR ARCHITECT FOR EXACT LOCATION, ROUTING, AND FINISH. IF INSTALLED EXTERIOR TO THE BUILDING PROVIDE SHEET METAL SHROUD OVER EXPOSED PIPING AND PAINT TO MATCH BUILDING EXTERIOR (CHOSEN BY ARCHITECT).
- 13 PROVIDE CEILING ACCESS PANEL FOR EQUIPMENT AND DAMPER ACCESS. VERIFY LOCATION, TYPE, FINISH, AND SIZE WITH ARCHITECT DURING CONSTRUCTION.
- 14 DECOMMISSION UNUSED POWERED FAN FILTER DIFFUSERS AND CAP/CLOSE DUCT BRANCH CONNECTION (TYP.)
- 15 CLOSE DUCT BRANCH DAMPER OF UNUSED RETURN AIR DEVICES. IF IT MAY BE NECESSARY TO CUT AND CAP THE TRUNK DUCT CONNECTION FOR PROPER AIR BALANCE - FIELD VERIFY (TYP.)
- 16 SUPPLY AIR DUCT UP TO SECOND FLOOR.
- 17 RETURN AIR DUCT UP TO SECOND FLOOR.
- 18 RETURN AIR DUCT DOWN TO FIRST FLOOR.

KEYED NOTES

- 19 SUPPLY AIR DUCT DOWN TO FIRST FLOOR.
- 20 RECONNECT ALL EXISTING PIPING TO NEW STEAM DISPERSION TUBES.
- 21 PROVIDE AND INSTALL NEW DISPERSION TUBE TO FIT NEW DUCT. NEW DISPERSION TUBE SHOULD BE PROVIDED BY THE EXISTING HUMIDIFIER MANUFACTURER.
- 22 COORDINATE INSTALLATION OF NEW DISPLAY CASES WITH EXISTING THERMOSTAT AND RELOCATE IF NEEDED.
- 23 PROVIDE AND INSTALL VENT DUCTWORK FROM KILN TO NEW SIDEWALL DISCHARGE. DISCHARGE TO BE 13'-6" A.F.F. MINIMUM. VERIFY REQUIRED VENT SIZE (MINIMUM 10" DIA). ROUTING, AND INSULATION REQUIREMENTS WITH THE MANUFACTURER. AT MINIMUM, PROVIDE 1" THK INSULATION ON VENT DUCT FOR PERSONNEL PROTECTION. PROVIDE WALL CAP WITH BACKDRAFT DAMPER, DUCT TRANSITION, BIRDSCREEN, AND PAINT TO MATCH BUILDING EXTERIOR (GREENCHECK WC-8x8 WALL CAP OR EQUAL).
- 24 INSTALL TRANSFER DUCT AND WALL MOUNTED GRILLES.
- 25 EXHAUST DUCTWORK THROUGH ROOF UP TO EF-3.



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FIRST FLOOR MECHANICAL PLAN



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03-21-2025

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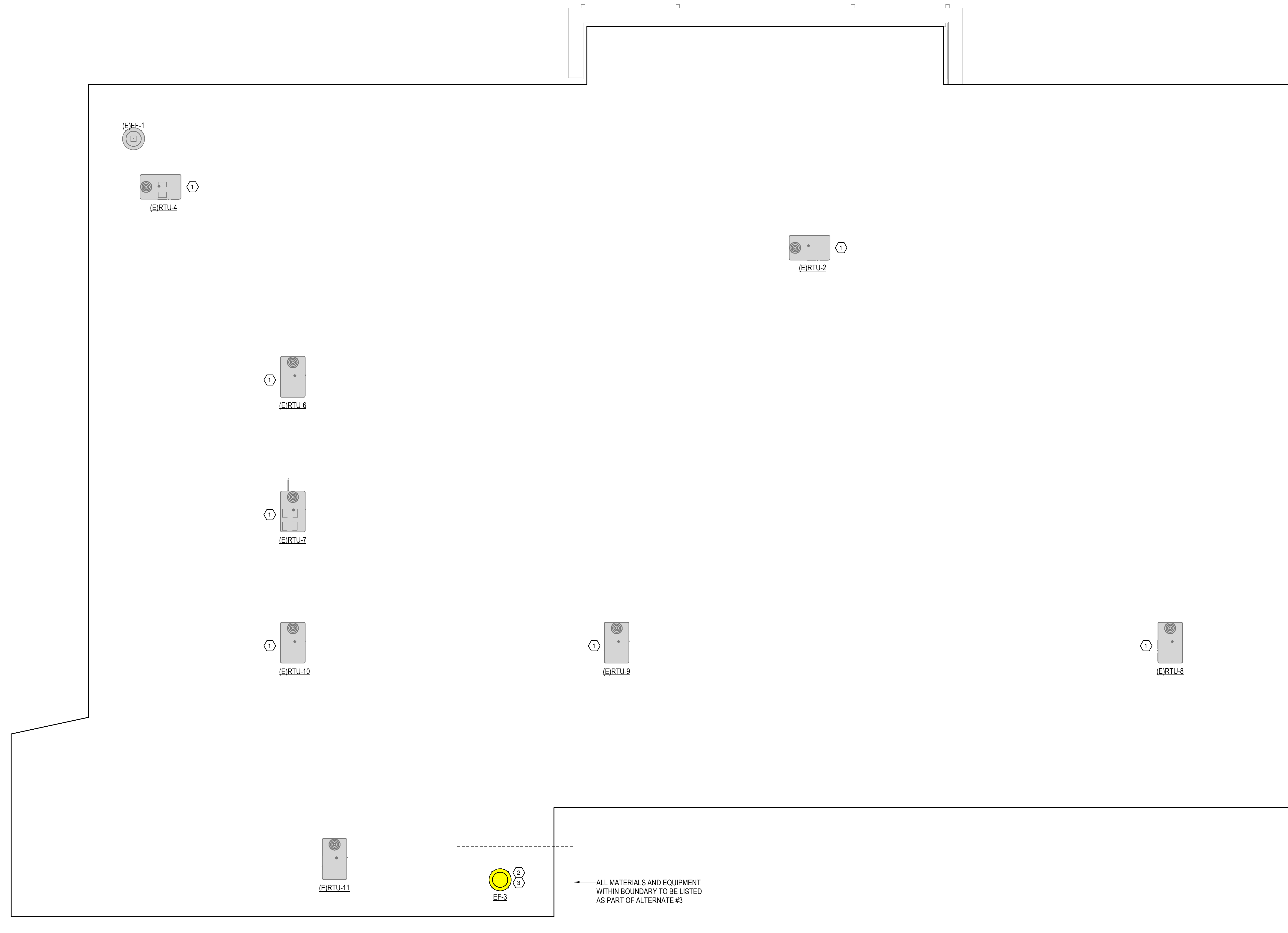
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No.	Description	Date

SHEET NUMBER:
M-101



KEYED NOTES

- 1 EXISTING RTU TO BE ABANDONED IN PLACE.
- 2 INSTALL NEW EXHAUST FAN ON MANUFACTURER PROVIDED ROOF CURB.
- 3 ADJUST EXHAUST FAN MOTOR SPEED TO MAINTAIN NEGATIVE AIR BALANCE WHEN KILN IS IN OPERATION.



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



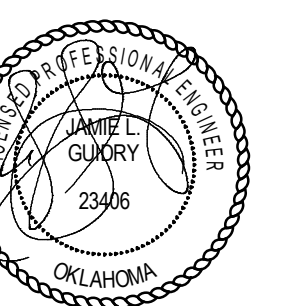
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ROOF MECHANICAL PLAN



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Tulsa, Oklahoma 74103
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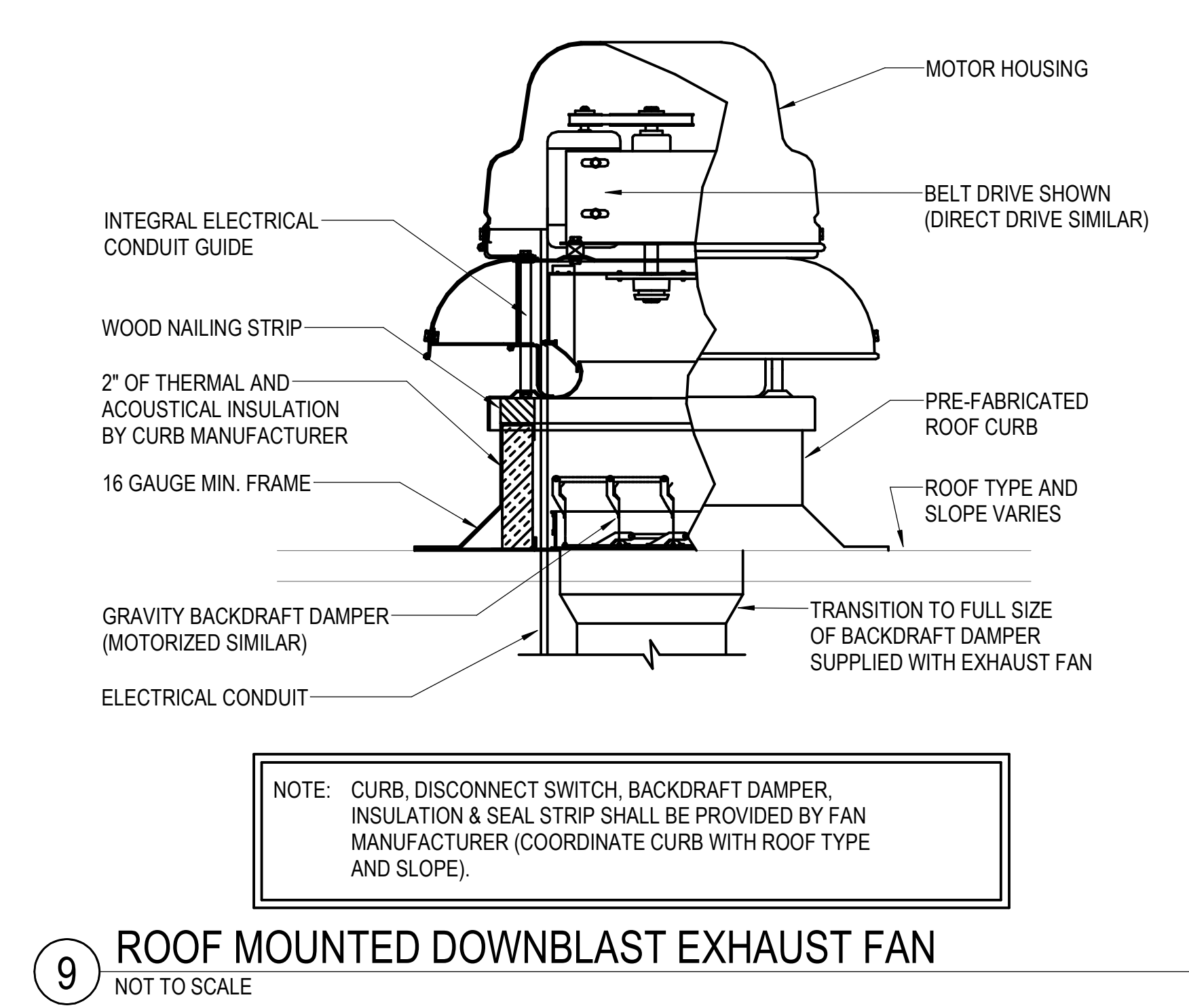
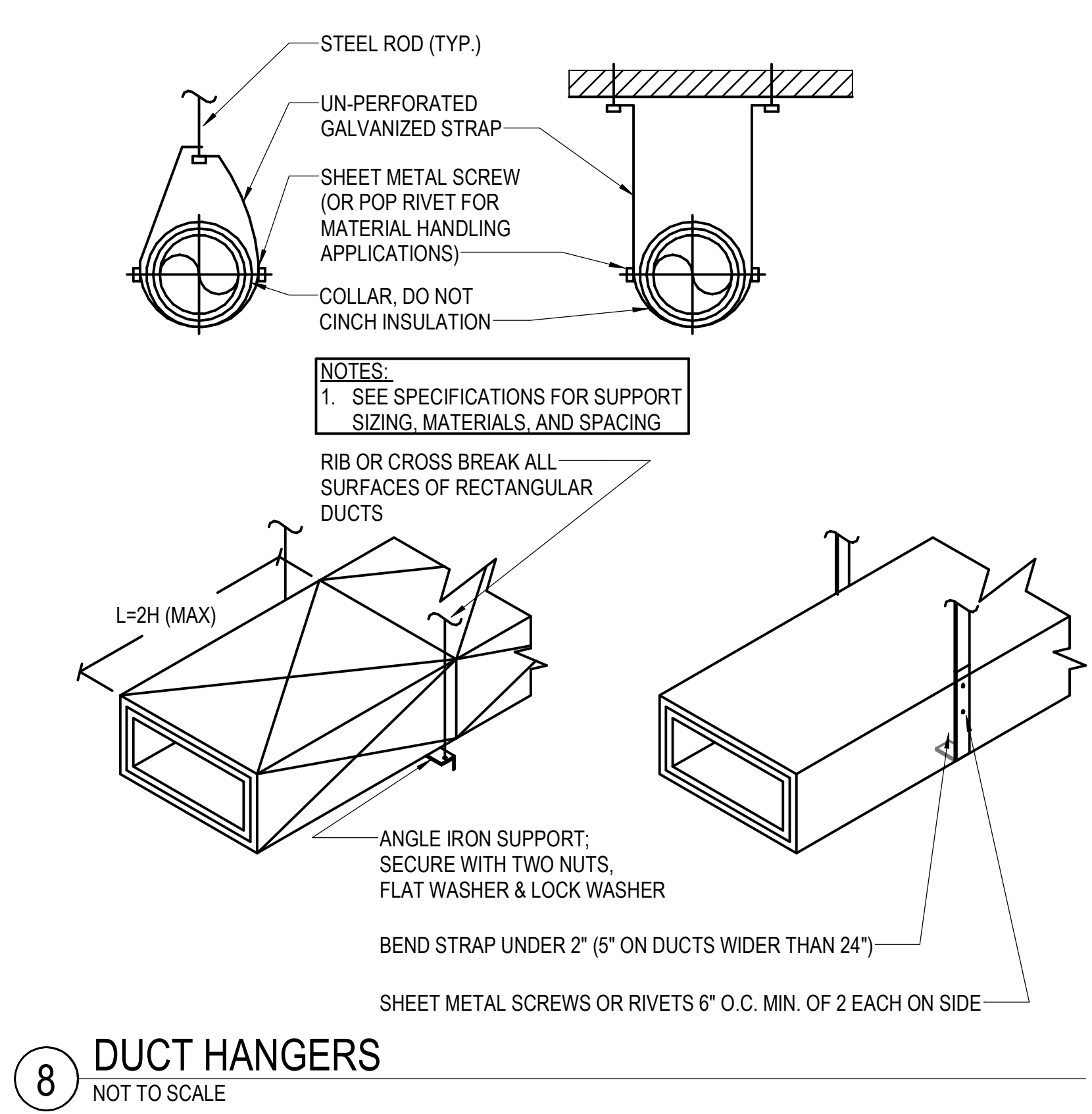
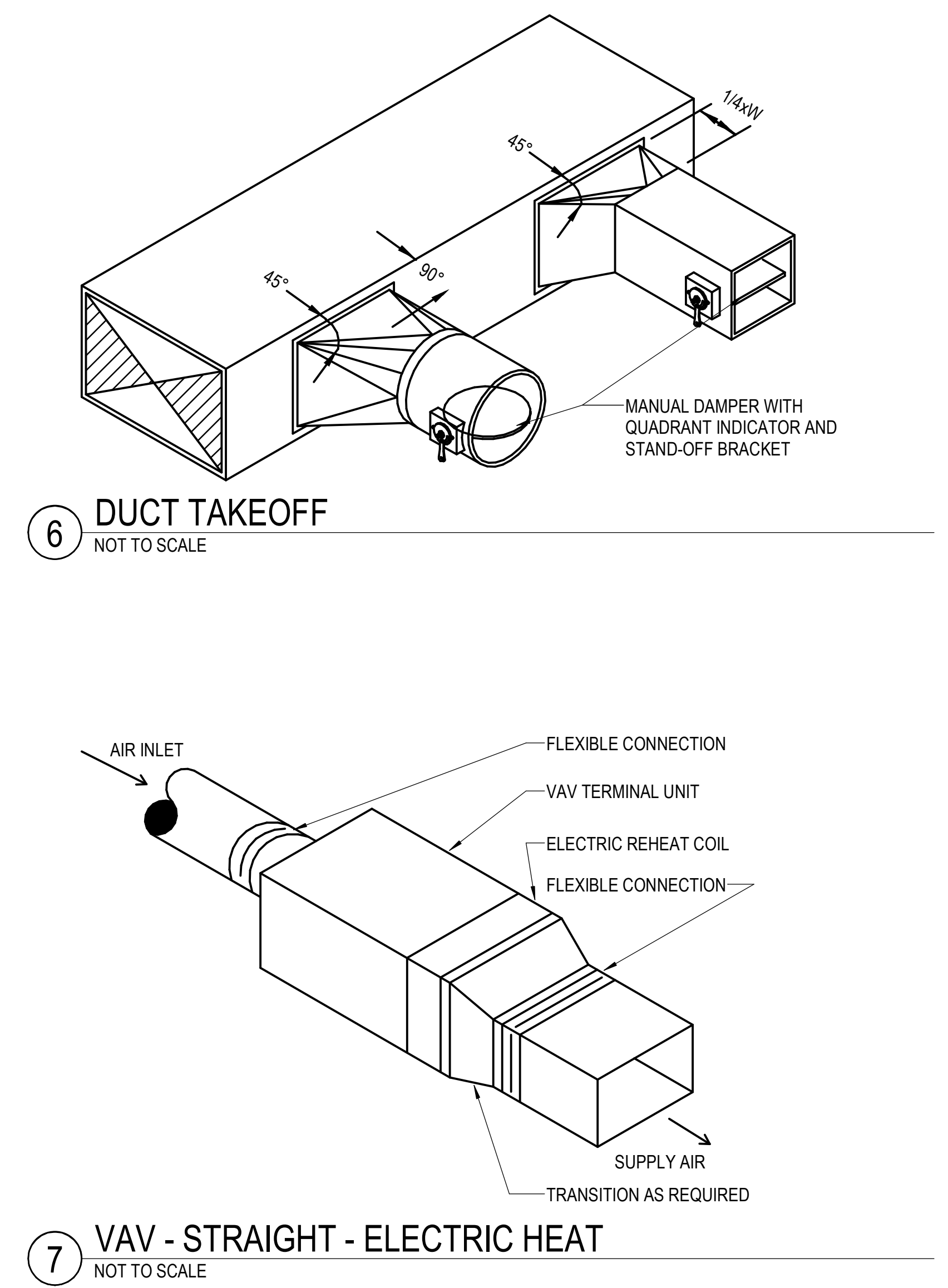
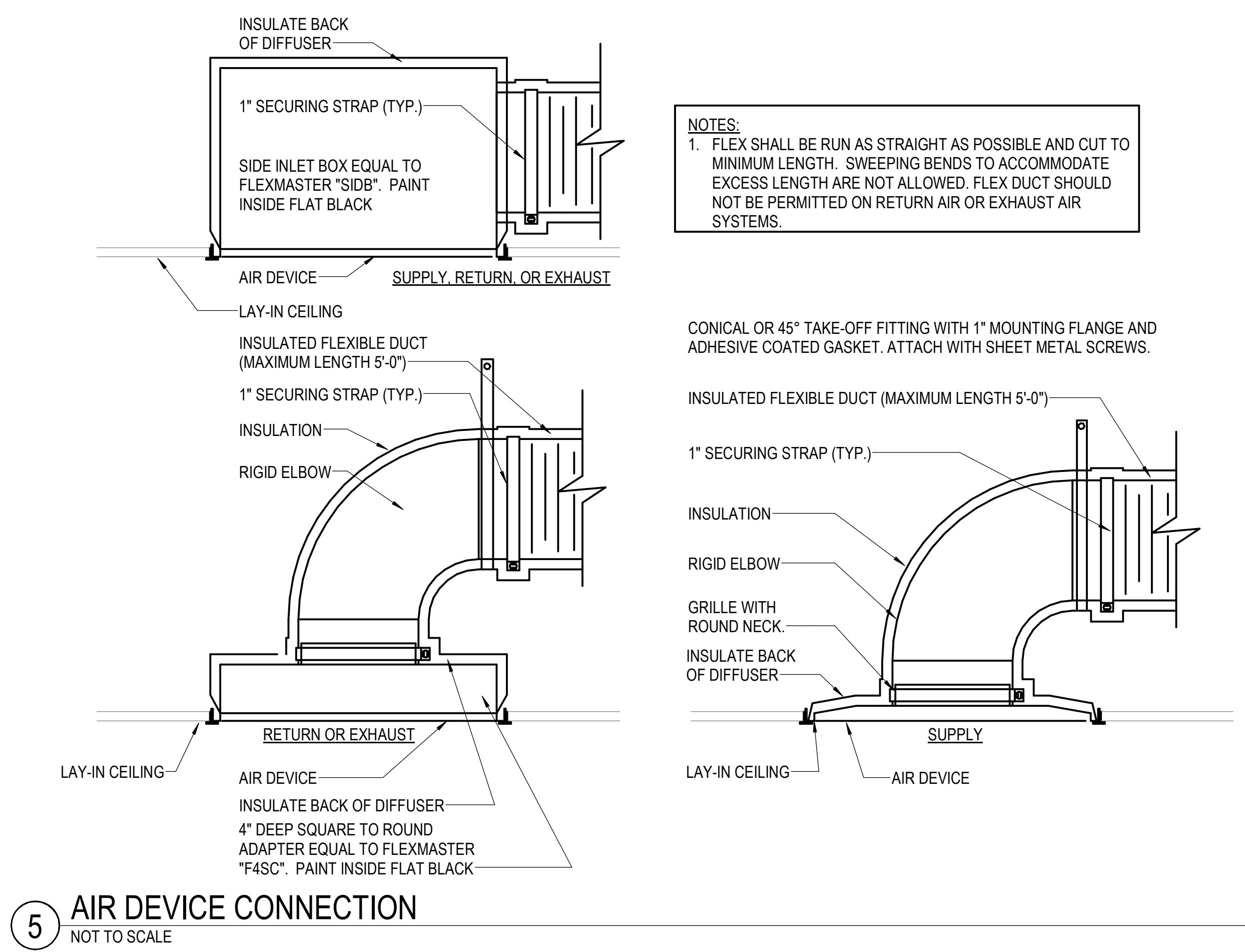
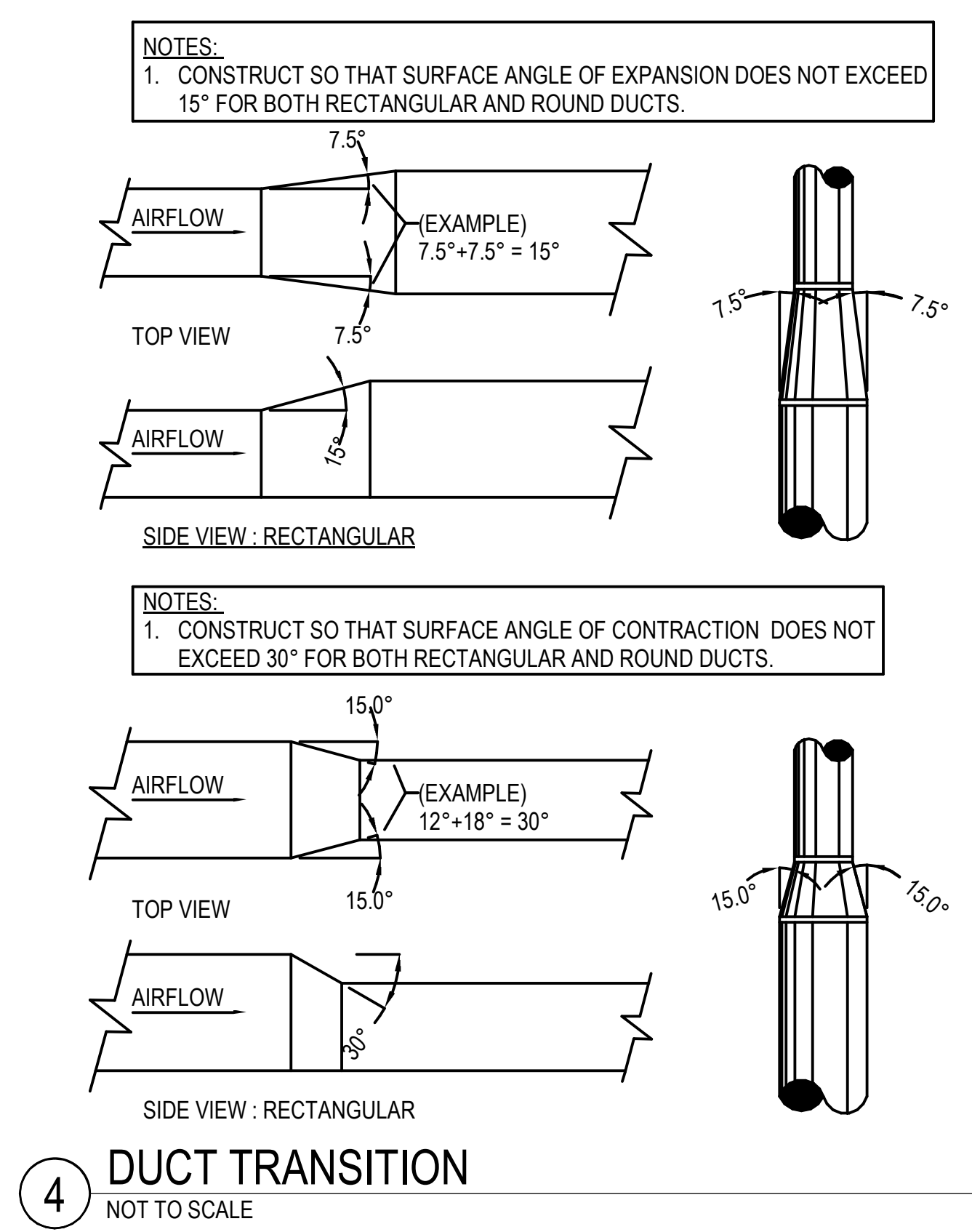
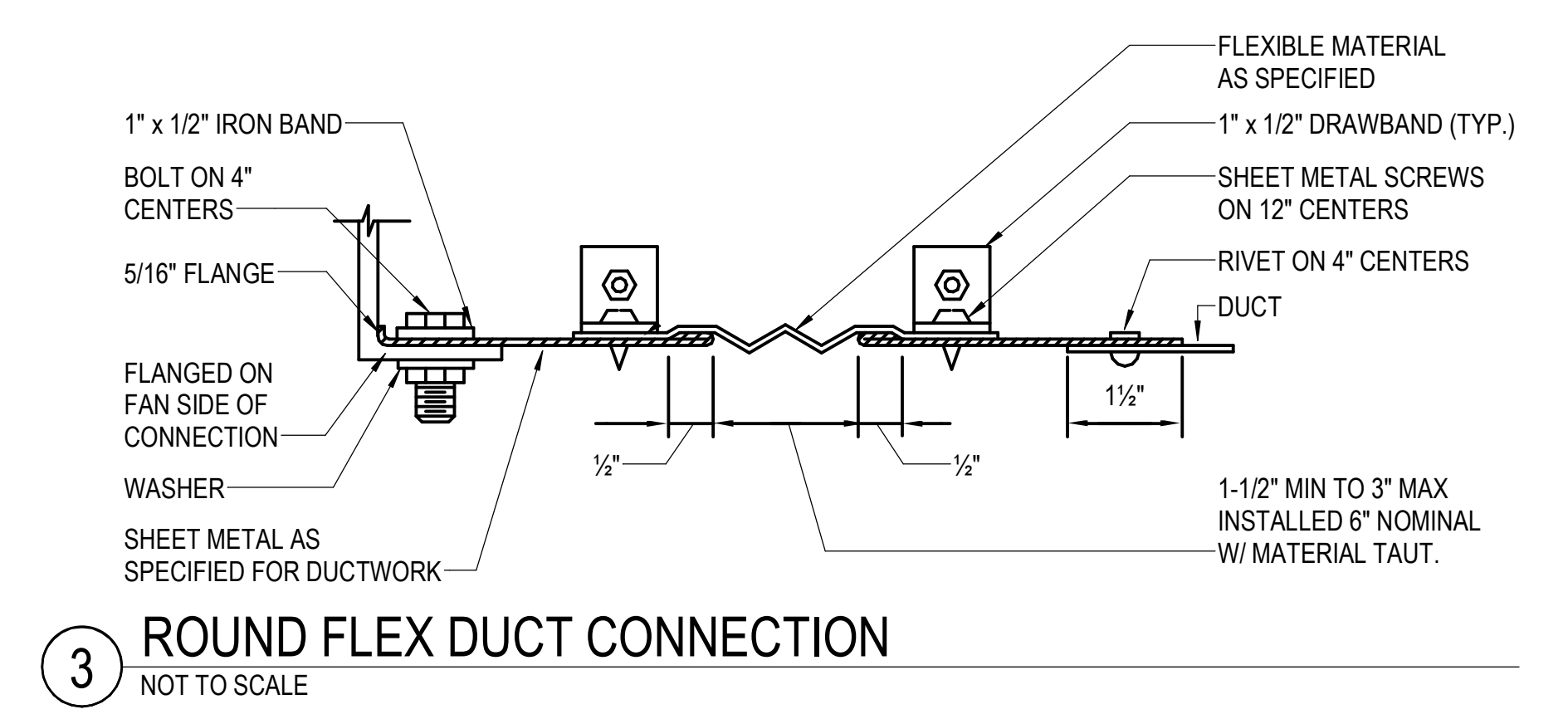
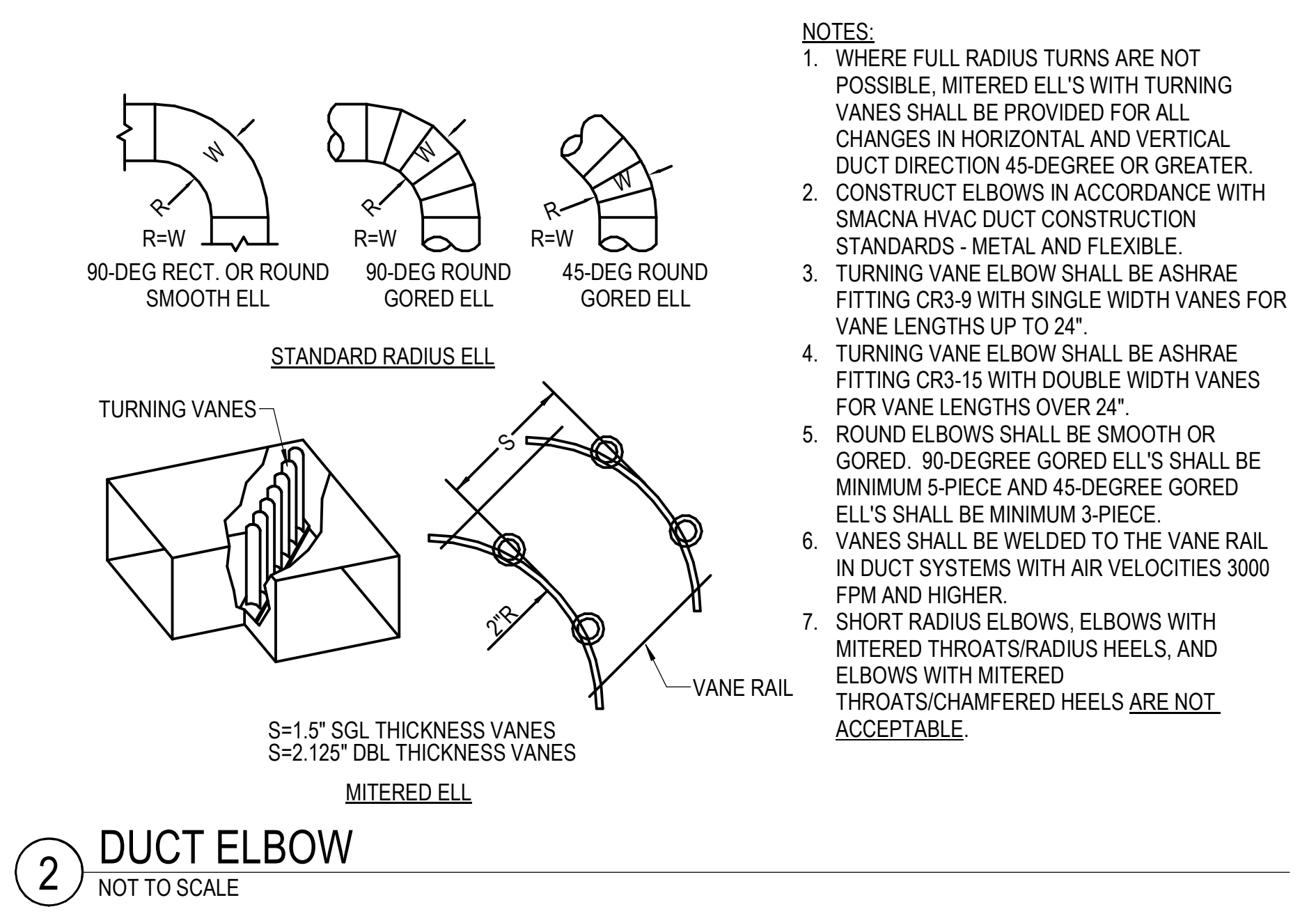
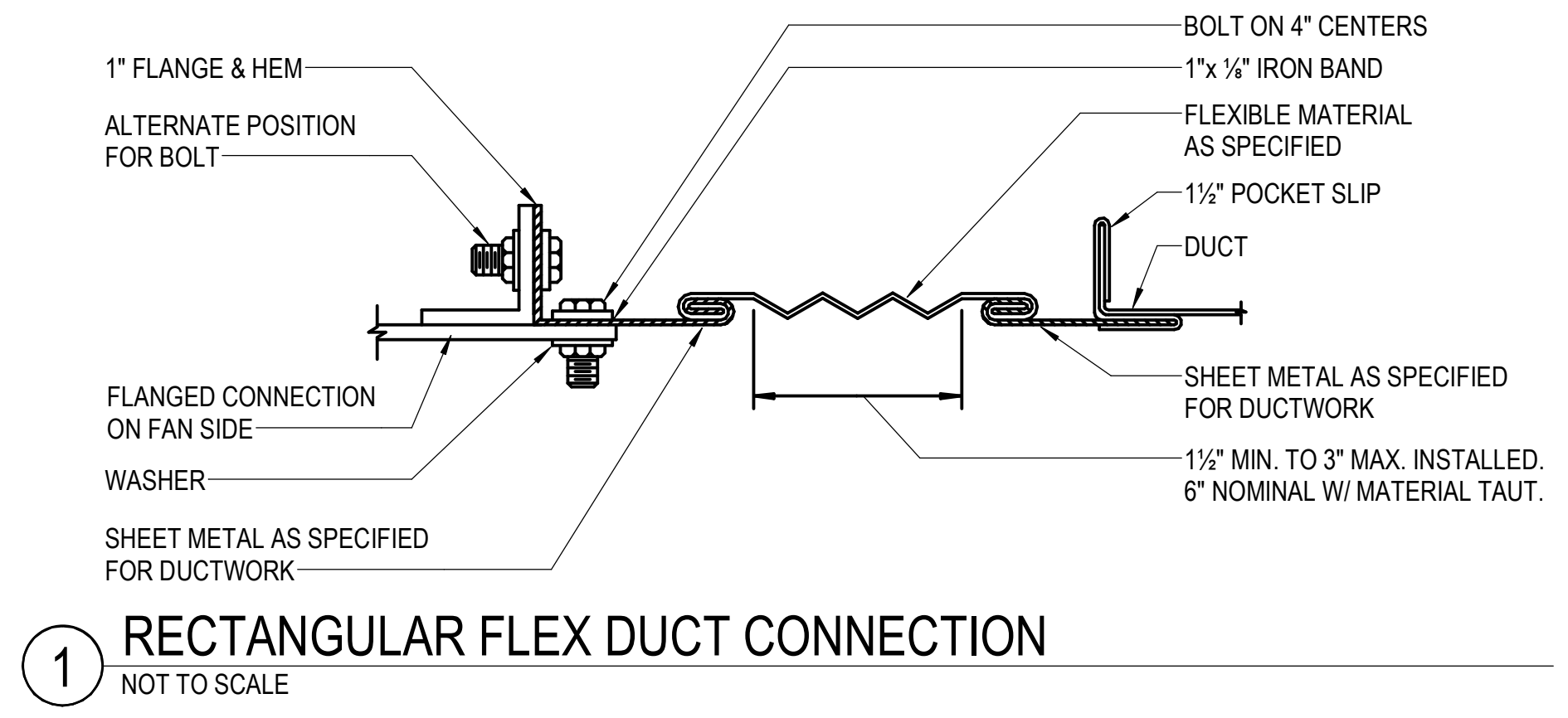


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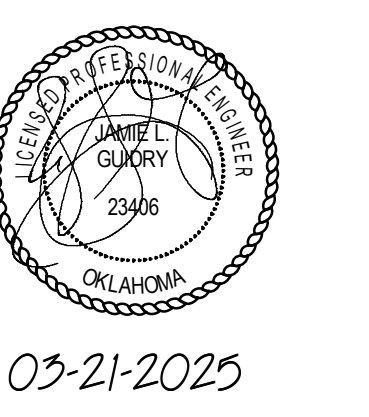
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CHEROKEE NATION BUSINESSES - CULTURAL CENTER

314 W. LOCUST ST., STILLWELL, OK, 74960
MECHANICAL DETAILS



PROJECT #: 20200132

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03-21-2025

PROJECT #: 20200132

ISSUE DATES:		
CONSTRUCTION DOCUMENTS:		
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M-601

VAV TERMINAL BOX - ELECTRIC REHEAT COIL																	
MARK	SERVES	TYPE	INLET SIZE (IN)	MAXIMUM (CFM)	MINIMUM (CFM)	INLET S.P.	A.P.D.	MAX N.C.	ELECTRICAL DATA						MANUFACTURER	MODEL	NOTES
									HEATING CFM	E.A.T. DEG. F	L.A.T. DEG. F	VOLTS	PHASE	KW			
VAV-01	MAIN LOBBY	SINGLE DUCT	12	1550	400	1.0	0.5	30	400	55	95	480	3	8.0	PRICE	SDV	1
VAV-02	COMMUNITY SPACE	SINGLE DUCT	16	2500	750	1.0	0.5	30	750	55	95	480	3	12.0	PRICE	SDV	1
VAV-03	WEST CORRIDOR	SINGLE DUCT	12	1000	300	1.0	0.5	30	300	55	95	480	3	5.0	PRICE	SDV	1
VAV-04	ART CLASSROOM #1	SINGLE DUCT	12	1000	300	1.0	0.5	30	300	55	95	480	3	5.0	PRICE	SDV	1
VAV-05	ART CLASSROOM #2	SINGLE DUCT	12	1000	300	1.0	0.5	30	300	55	95	480	3	5.0	PRICE	SDV	1
VAV-06	ART CLASSROOM #3	SINGLE DUCT	12	1000	300	1.0	0.5	30	300	55	95	480	3	5.0	PRICE	SDV	1
VAV-07	SECOND FLOOR OFFICE SUITE	SINGLE DUCT	14	1600	400	1.0	0.5	30	400	55	95	480	3	10.0	PRICE	SDV	1
VAV-08	FIRST FLOOR OFFICE SUITE	SINGLE DUCT	14	2200	700	1.0	0.5	30	600	55	95	480	3	10.0	PRICE	SDV	1
VAV-09	SOUTH CORRIDOR	SINGLE DUCT	16	2600	750	1.0	0.5	30	750	55	95	480	3	20.0	PRICE	SDV	1
VAV-10	SOUTH GALLERY	SINGLE DUCT	12	1200	300	1.0	0.5	30	300	55	95	480	3	5.0	PRICE	SDV	1
VAV-11	NORTH GALLERY	SINGLE DUCT	12	1200	300	1.0	0.5	30	300	55	95	480	3	5.0	PRICE	SDV	1
VAV-12	ART STORAGE	SINGLE DUCT	24x16	4000	800	1.0	0.5	30	800	55	95	480	3	12.0	PRICE	SDV	1
VAV-13	ART STORAGE	SINGLE DUCT	24x16	4000	800	1.0	0.5	30	800	55	95	480	3	12.0	PRICE	SDV	1

NOTES: 1. PROVIDE WITH SCR HEATING CONTROL, DOUBLE WALL CONSTRUCTION, AND INTEGRAL DISCONNECT.

EXHAUST FAN														
MARK	SERVES	TYPE	FAN DATA			MOTOR DATA				MAX SONES LEVEL	WEIGHT (LBS)	BASIS OF DESIGN	NOTES	
			CFM	ESP	HP	FLA	MOCF	RPM	VOLTS					Ø
EF-3	KILN ROOM	DOWNBLAST	300	0.10	1/10	0.9	20	1725	115	1	4.2	34	GREENHECK G-080-G	1.2

NOTES: 1. PROVIDE 1'-0" TALL MANUFACTURER PROVIDED INSULATED ROOF CURB, BIRDSCREEN, LOCAL DISCONNECT, AND BACKDRAFT DAMPER.
2. PROVIDE MOTOR-MOUNTED SPEED DIAL FOR BALANCING.

AIR DEVICE					
MARK	TYPE	DESCRIPTION	SIZE	BASIS OF DESIGN	NOTES
A	SUPPLY	SQUARE PLAQUE	SEE PLANS	TITUS OMNI-AA	1
B	RETURN	PERFORATED FACE	SEE PLANS	TITUS PAR-AA	2
C	SUPPLY	SIDEWALL	SEE PLANS	TITUS 301RS	3
D	RETURN	SIDEWALL	SEE PLANS	TITUS 350 RL	4
E	EXHAUST	PERFORATED FACE	SEE PLANS	TITUS PAR-AA	2
-	-	EXISTING AIR DEVICE	SEE PLANS	-	5

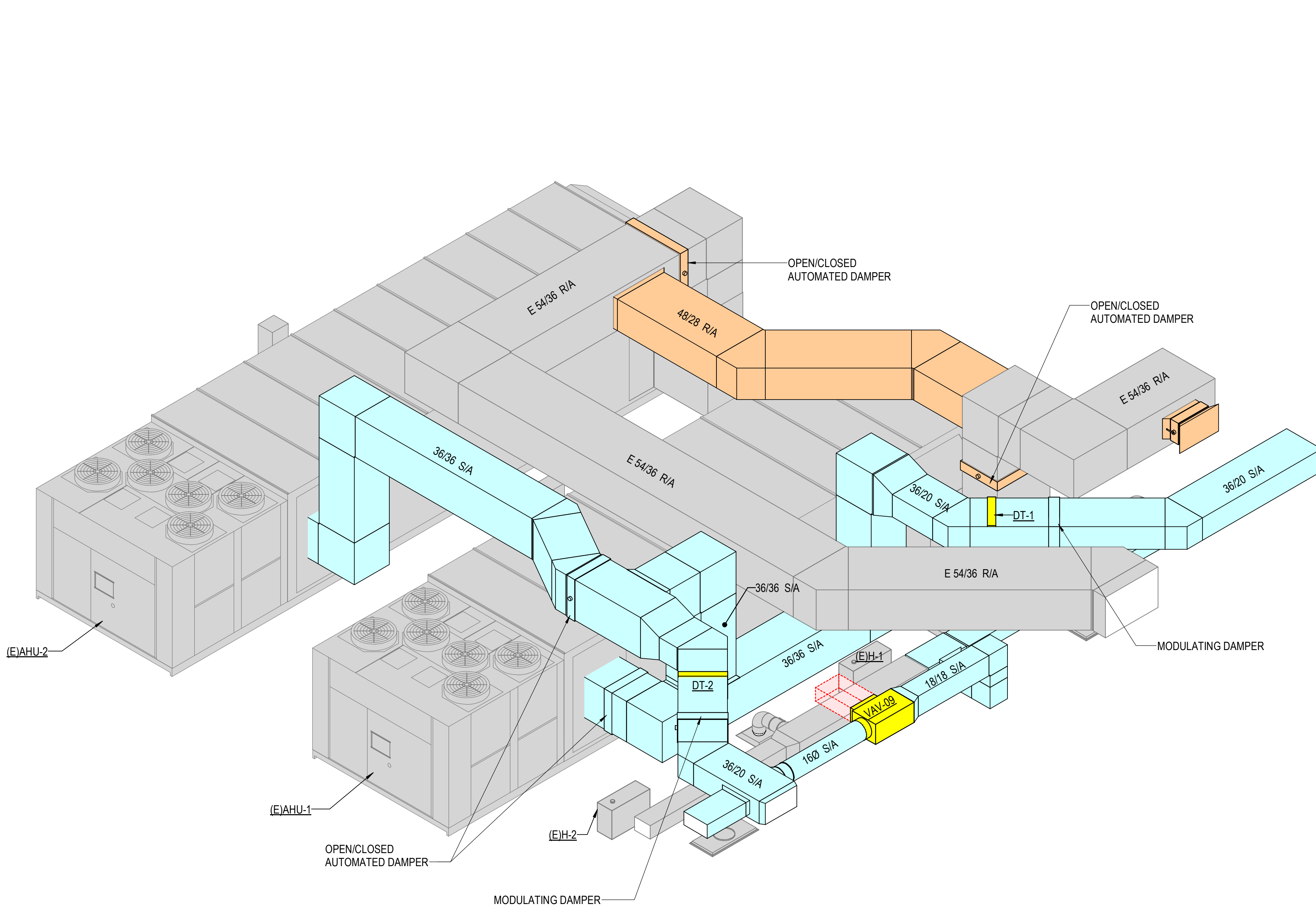
NOTES: 1. SQUARE PANEL FACE FOR LAY-IN CEILING. ALUMINUM CONSTRUCTION, WHITE FINISH, PROVIDE MANUFACTURER'S MOUNTING FRAME FOR GYPSUM CEILING LOCATIONS. PROVIDE BACKPAN INSULATION BLANKET.
2. PERFORATED SCREEN WITH 3/16" DIAMETER HOLES ON 1/4" STAGGERED CENTERS FOR LAY-IN CEILING. ALUMINUM CONSTRUCTION, WHITE FINISH, PROVIDE SQUARE OR ROUND TRANSITIONS AS REQUIRED. PROVIDE MANUFACTURER'S MOUNTING FRAME FOR GYPSUM CEILING LOCATIONS.
3. SURFACE MOUNT (MANUFACTURER'S TYPE BORDER), STEEL CONSTRUCTION, DOUBLE DEFLECTION 0° (DEGREE) HORIZONTAL FRONT BLADES AT 3/4" O.C., WHITE FINISH.
4. SURFACE MOUNT (MANUFACTURER'S TYPE BORDER), STEEL CONSTRUCTION, SINGLE DEFLECTION 35° (DEGREE) VERTICAL BLADES AT 3/4" O.C., WHITE FINISH.
5. EXISTING AIR DEVICE TO REMAIN IN PLACE TO BE AIR BALANCED TO SCHEDULED AIRFLOW PER DEVICE. FIELD VERIFY MOUNTING AND NECK SIZE.

DEHUMIDIFICATION CONDENSING UNITS															
MARK	SERVES	MOUNTING	CONDENSER FAN		ELECTRICAL DATA				CFM	PINTS PER DAY*	HEAT GAIN (MBH)	FILTER	WEIGHT (LBS)	BASIS OF DESIGN	NOTES
			NO.	HP (EA)	MCA	MOCF	VOLTS	Ø							
DCU-1	ART STORAGE	ABOVE CEILING	1	1/2	11.0	15	208	1	525	143	10.5	MERV 11	85	DRISTEEM RL-9	1,2,3
DCU-2	ART STORAGE	ABOVE CEILING	1	1/2	11.0	15	208	1	525	143	10.5	MERV 11	85	DRISTEEM RL-9	1,2,3
DCU-3	ART STORAGE	ABOVE CEILING	1	1/2	11.0	15	208	1	525	143	10.5	MERV 11	85	DRISTEEM RL-9	1,2,3
DCU-4	ART STORAGE	ABOVE CEILING	1	1/2	11.0	15	208	1	525	143	10.5	MERV 11	85	DRISTEEM RL-9	1,2,3

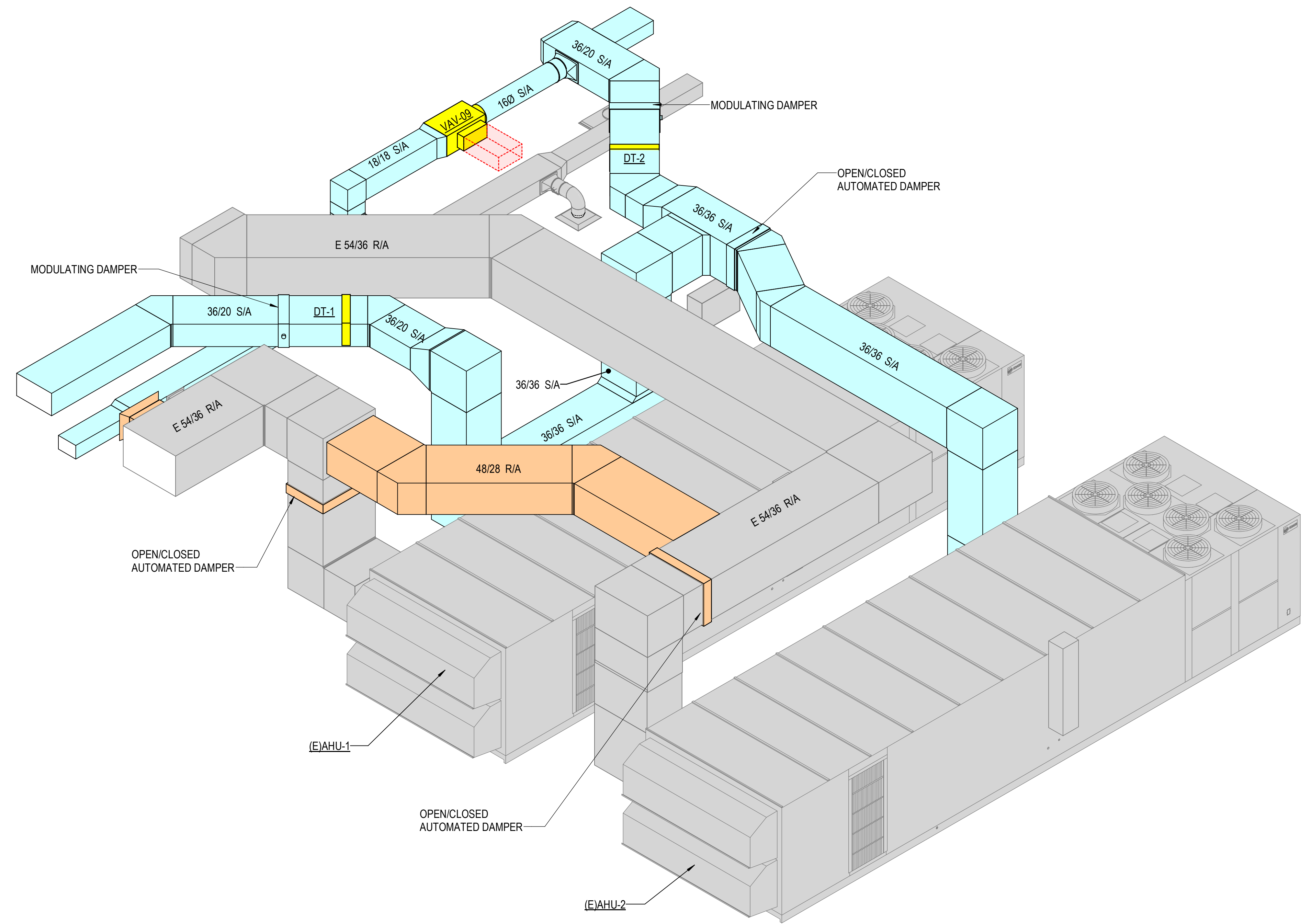
NOTES: 1. PROVIDE WITH HANGING KIT, DUCT KIT, AND BAGNET ONBOARD CONTROLLER.
2. PROVIDE AUXILIARY DRAIN PAN WITH FLOAT SWITCH TO POWER OFF UNIT.
3. PROVIDE CONDENSATE PUMP.
* SIZED FOR WORST CASE DESIGN DAY DURING SUPPLY AIR UNIT ECONOMIZER MODE.

HUMIDIFIER DISPERSION TUBES - DUCT MOUNTED													
MARK	LOCATION	AIR FLOW (CFM)	MAX FACE VELOCITY (FPM)	STEAM FLOW RATE (LBHR)	STEAM OPERATING PRESSURE (PSIG)	UNIT DIMENSIONS		EDB / RH (F / %)	LDB / RH (F / %)	APD (IN. WG)	MAX NON-WETTING DISTANCE (IN.)	BASIS OF DESIGN	NOTES
						WIDTH (IN)	HEIGHT (IN)						
DT-1	CORRIDOR - 204	14,000	2,000	250	ATM	36	20	55 / 30	57 / 85	0.05	12	DRISTEEM ULTRA-SORB LV	1
DT-2	CORRIDOR - 204	14,000	2,000	250	ATM	36	20	55 / 30	57 / 85	0.05	12	DRISTEEM ULTRA-SORB LV	1

NOTES: 1. RECONNECT DISPERSION TUBE HEADER ASSEMBLY TO EXISTING STEAM GENERATOR SUPPLY PIPING. RECONNECT DRAINS.



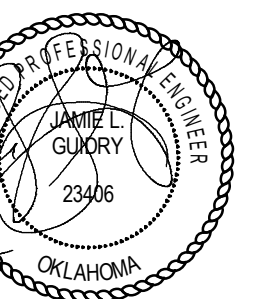
1 AIR HANDLERS - ISOMETRIC - LOOKING SOUTHWEST



2 AIR HANDLERS - ISOMETRIC - LOOKING NORTHWEST

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MECHANICAL ISOMETRIC VIEWS



03-21-2025

PROJECT #: 20200132

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M-901

ELECTRICAL SYMBOLS

RECEPTACLES (MOUNTED 18" AFF UNLESS INDICATED OTHERWISE)

- ◊ DUPLEX RECEPTACLE OUTLET (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R)
◊ DUPLEX RECEPTACLE OUTLET (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R) MOUNT 4" ABOVE COUNTER TOP, SINK, OR BACKSPASH (IF PRESENT)
◊ SINGLE RECEPTACLE OUTLET (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R)
◊ FLOOR RECEPTACLE OUTLET (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R)
◊ SINGLE RECEPTACLE OUTLET (50A, 250V, 3 POLE, 3 WIRE, NEMA 10-50R)
◊ SINGLE RECEPTACLE OUTLET (20A, 250V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 6-20R)
◊ SINGLE RECEPTACLE OUTLET (30A, 250V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 6-30R)
◊ SINGLE RECEPTACLE OUTLET (30A, 250V, 3 POLE, 4 WIRE, TWIST-LOCK, GROUNDING TYPE, NEMA L15-30R)
◊ SINGLE SPECIAL-PURPOSE RECEPTACLE OUTLET; NUMBER CORRESPONDS TO THE SPECIAL-PURPOSE RECEPTACLE SCHEDULE
◊ SINGLE RECEPTACLE FOR ELECTRIC RANGE (50A, 125/250V, 3 POLE, 4 WIRE, GROUNDING TYPE, NEMA 14-50R)
◊ DUPLEX RECEPTACLE MOUNTED IN CEILING (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R)
◊ TWO (2) DUPLEX RECEPTACLES MOUNTED IN DOUBLE GANG BACKBOX (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R)
◊ TWO (2) DUPLEX RECEPTACLES FLOOR MOUNTED IN DOUBLE GANG BACKBOX (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R)

LIGHT FIXTURES (SEE FIXTURE SCHEDULE ON E-602 FOR TYPE)

- ◯ LIGHT FIXTURE, CEILING MOUNTED
◯ LIGHT FIXTURE, CEILING MOUNTED, ON EMERGENCY CIRCUIT
◯ LIGHT FIXTURE, CEILING MOUNTED, WITH EMERGENCY SELF CONTAINED BATTERY PACK. BATTERY PACK IS TO REMAIN UNSWITCHED.
◯ LIGHT FIXTURE, WALL MOUNTED
◯ LIGHT FIXTURE, INDUSTRIAL STRIP, SURFACE OR PENDANT MOUNTED
◯ LIGHT FIXTURE, INDUSTRIAL STRIP, SURFACE OR PENDANT MOUNTED, ON EMERGENCY CIRCUIT
◯ LIGHT FIXTURE, INDUSTRIAL STRIP, SURFACE OR PENDANT MOUNTED, WITH EMERGENCY SELF CONTAINED BATTERY PACK. BATTERY PACK IS TO REMAIN UNSWITCHED.
◯ LIGHT FIXTURE, CEILING MOUNTED
◯ LIGHT FIXTURE, CEILING MOUNTED, ON EMERGENCY CIRCUIT
◯ LIGHT FIXTURE, CEILING MOUNTED, WITH EMERGENCY SELF CONTAINED BATTERY PACK. BATTERY PACK IS TO REMAIN UNSWITCHED.
◯ LIGHT FIXTURE, WALL MOUNTED
◯ EMERGENCY BATTERY POWERED LIGHTING UNIT, WITH SELF CONTAINED BATTERY, CHARGER, ETC. (REFER TO FIXTURE SCHEDULE FOR BATTERY TYPE, VOLTAGE, LAMP TYPE, WATTAGE, ETC.) TRIANGLES DEPICT QUANTITY AND AIMING OF LAMP HEADS
◯ EXIT SIGN, LIGHTED, CEILING MOUNTED. SHADED AREA INDICATES FACE. ARROW DEPICTS DIRECTIONAL ARROW ON SIGN. WHEN REQUIRED BY THE FIXTURE SCHEDULE, AN EMERGENCY SELF-CONTAINED BATTERY PACK IS TO REMAIN UNSWITCHED.
◯ EXIT SIGN, LIGHTED, WALL MOUNTED AT 7'-6" AFF (TO BOTTOM OF SIGN) UNLESS INDICATED OTHERWISE. ARROW DEPICTS DIRECTIONAL ARROW ON SIGN. WHEN REQUIRED BY THE FIXTURE SCHEDULE, AN EMERGENCY SELF-CONTAINED BATTERY PACK IS TO REMAIN UNSWITCHED.
◯ TRACK LIGHT WITH ADJUSTABLE HEADS, LENGTH AND QUANTITY OF HEADS PER PLANS.
◯ FLOOD LIGHT, ARROW INDICATES DIRECTION OF BEAM
◯ DOCK LIGHT
◯ PARKING AREA LIGHT FIXTURE, POLE MOUNTED

LIGHT FIXTURE IDENTIFICATION

- ◯ LOWER CASE LETTER BESIDE FIXTURE DENOTES SWITCH CONTROL (WHERE APPLICABLE)
◯ UPPER CASE LETTER BESIDE EACH FIXTURE DENOTES FIXTURE TYPE.

SWITCHGEAR

- ◻ MAGNETIC MOTOR STARTER (FURNISHED BY DIVISION 23, UNLESS NOTED OTHERWISE)
◻ ELECTRICAL PANELBOARD, FLUSH MOUNTED
◻ ELECTRICAL PANELBOARD, SURFACE MOUNTED
◻ EXISTING ELECTRICAL PANELBOARD, FLUSH MOUNTED
◻ EXISTING ELECTRICAL PANELBOARD, SURFACE MOUNTED
◻ SAFETY SWITCH, 30A CURRENT RATING UNLESS NOTED OTHERWISE. -4'-0" TO HANDLE
◻ 30 F20 FUSIBLE SAFETY SWITCH, CURRENT RATING AND FUSE RATING NOTED. -4'-0" TO HANDLE
◻ CB CIRCUIT BREAKER IN WALL MOUNTED ENCLOSURE
◻ T ELECTRICAL TRANSFORMER, FLOOR MOUNTED UNLESS INDICATED OTHERWISE

ELECTRICAL SYMBOLS

TELEPHONE/COMMUNICATIONS DATA (OUTLETS SHALL BE MOUNTED 18" AFF UNLESS INDICATED OTHERWISE) NUMBER INDICATES QUANTITY OF DATA JACKS. ABSENCE OF A NUMBER INDICATES ONE DATA JACK.

- ▶ TELEPHONE OUTLET. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND PULL CORD. SUBSCRIPT: W - WALL MOUNTED AT 54" AFF;
▶ TELEPHONE FLOOR OUTLET. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND PULL CORD.
▶ DATA FLOOR OUTLET. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND PULL CORD.
▶ DATA FLOOR OUTLET. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND PULL CORD.
▶ COMBINATION VOICE/DATA FLOOR OUTLET. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND PULL CORD.
▶ COMBINATION VOICE/DATA FLOOR OUTLET. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND PULL CORD.
4'-0" HIGH x 3/4" THICK FIRE-RETARDANT PLYWOOD BACKBOARD SEE PLANS FOR LENGTH.
2 ◻ WIRELESS ACCESS POINT OUTLET CEILING MOUNTED. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND PULL CORD. NUMBER INDICATES QUANTITY OF DATA JACKS. ABSENCE OF A NUMBER INDICATES ONE DATA JACK.

SINGLE LINE

- ◻ CIRCUIT BREAKER, TRIP RATING AS INDICATED, 3 POLE OR AS INDICATED
60A DISCONNECT SWITCH OR LOAD INTERRUPTER SWITCH, CURRENT RATING AS INDICATED, 3 POLE OR AS INDICATED
◻ (GFI) SWITCH WITH GROUND FAULT INTERRUPTER
F30 FRS FUSE, CURRENT RATING AND TYPE WHEN INDICATED
TRANSFORMER, DESCRIPTION AS NOTED OR PER SCHEDULE
CURRENT TRANSFORMER
POTENTIAL TRANSFORMER
SS PHASE SELECTOR SWITCH
A AMMETER
V VOLTMETER
WH WATT-HOUR METER
SPD SURGE PROTECTIVE DEVICE
AUTOMATIC TRANSFER SWITCH
G GENERATOR

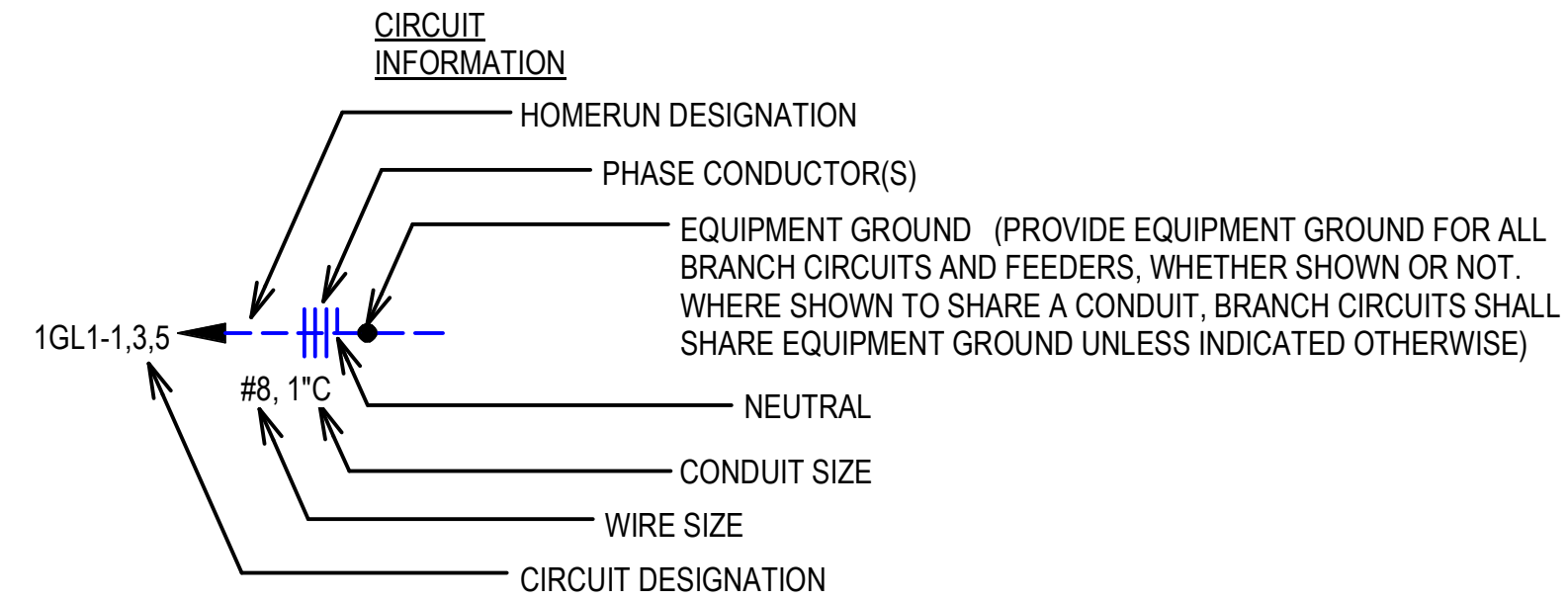
SWITCHES (MOUNTED AT 46" UNLESS INDICATED OTHERWISE) (LOWER CASE LETTER INDICATES DEVICES CONTROLLED)

- §1 SWITCH, SINGLE POLE, 20A
§2 SWITCH, DOUBLE POLE, 20A SWITCH
§3 3-WAY, 20A SWITCH
§4 4-WAY, 20A SWITCH
§K KEY OPERATED
§P SINGLE POLE SWITCH, WITH PILOT LIGHT
§M SINGLE POLE MANUAL MOTOR STARTING SWITCH, WITH THERMAL OVERLOAD ELEMENT AND PROVISIONS FOR LOCKING OPEN
§D SWITCH, DIMMING (COORDINATE WITH FIXTURE MANUFACTURER)
§X SWITCH, MULLION SWITCH
§LV LOW VOLTAGE WITH MOMENTARY CONTACTS SWITCH
§O OCCUPANCY SENSOR, WALL MOUNTED, DUAL TECHNOLOGY
§OD DIMMER WITH OCCUPANCY SWITCH, WALL MOUNTED, DUAL TECHNOLOGY
§S DUAL CONTACT OCCUPANCY SENSOR, CEILING MOUNTED, DUAL TECHNOLOGY. OCCUPANCY SENSOR TO ALSO TIE INTO BAS FOR HVAC.
§C PHOTOCELL
MULTIPLE DEVICES LOCATED SIDE BY SIDE (OR ABOVE AND BELOW, IF DIFFERENT ELEVATIONS ARE SHOWN) AT THE LOCATION INDICATED

ELECTRICAL SYMBOLS

MISCELLANEOUS

- ◊ JUNCTION BOX, WALL MOUNT AS INDICATED
◊ JUNCTION BOX, CEILING MOUNT AS INDICATED
◊ CLOCK OUTLET, WALL MOUNTED 7'-6" AFF
◊ MOTOR
◊ 10" BARE #6 COILED & EXOTHERMICALLY WELDED TO COLUMN
◊ TV CABLE TELEVISION OUTLET BOX MOUNTED 18" AFF WITH CONDUIT STUBBED ABOVE CEILING. PROVIDE PULL CORD.
CONDUIT RUN, EXPOSED
CONDUIT RUN, CONCEALED
FLEXIBLE CONDUIT



- CIRCUIT DESIGNATION INDICATES PANELBOARD AND CIRCUIT(S) TO WHICH HOMERUN IS CONNECTED.
○ WIRE SIZE SHALL BE NO. 12, UNLESS INDICATED OTHERWISE.
○ CONDUIT SIZE SHALL BE MINIMUM ALLOWED BY SPECIFICATIONS FOR NO. 12 SIZE WIRE, 3/4" FOR NO. 10, UNLESS INDICATED OTHERWISE.
○ CIRCUIT INFORMATION PROVIDED AT THE HOMERUN SYMBOL SHALL APPLY THE ENTIRE LENGTH OF THE CIRCUIT (FROM PANELBOARD TO LAST LOAD).
○ WHEN NO PHASE CONDUCTOR OR NEUTRAL IS INDICATED AT THE HOMERUN SYMBOL, PROVIDE ONE PHASE CONDUCTOR AND ONE NEUTRAL, BOTH NO. 12.
○ SWITCHING CONDUCTORS, CONDUCTORS FOR NIGHT LIGHT CIRCUITS (UNSWITCHED), ETC. ARE NOT SHOWN, BUT SHALL BE PROVIDED AS NECESSARY.
○ WIRE SIZE INDICATED ON THESE DOCUMENTS AS INDICATED BY "NO." OR "X" HAS THE SAME MEANING AS "AWG" (N.E.C. NOMENCLATURE). (I.E. "NO. 12" OR "X 12" MEANS "12AWG" IN N.E.C. NOMENCLATURE.)

ELECTRICAL SPECIFICATIONS:

- A. ALL ELECTRICAL DEVICES, WIRING, INSTALLATION, ETC. SHALL BE IN ACCORDANCE WITH NEC, NFPA, ADA, AND ALL APPLICABLE STATE LAWS AND CODES.
B. ALL FEEDERS AND BRANCH CIRCUITS SHALL HAVE A GROUND WIRE, SIZED PER NEC. THE USE OF CONDUIT AS A GROUND IS NOT ACCEPTABLE.
C. CONDUCTORS: SOFT-DRAWN COPPER WITH INSULATION OF 60-DEGREES C OR HIGHER FOR NO. 12 AND NO. 10 AND 75-DEGREES C OR HIGHER FOR NO. 8 AND LARGER. CONDUCTORS NO. 8 AND LARGER SHALL BE STRANDED. CONDUCTORS NO. 10 AND SMALLER SHALL BE SOLID.
D. CONDUIT: MINIMUM 3/4", UNLESS OTHERWISE INDICATED ON THE PLANS.
E. ALL CONDUIT USED IN DAMP LOCATIONS SHALL BE GALVANIZED RIGID CONDUIT (GRC) OR INTERMEDIATE METAL CONDUIT (IMC), USING ONLY THREADED COUPLINGS.
F. ELECTRICAL METALLIC TUBING (EMT) SHALL BE USED IN ALL AREAS WHERE GRC OR IMC IS NOT REQUIRED BY THESE DRAWINGS OR THE NATIONAL ELECTRIC CODE. COUPLINGS AND CONNECTIONS SHALL BE COMPRESSION TYPE. INDENTER TYPE FITTINGS SHALL NOT BE USED.
G. FLEXIBLE STEEL CONDUIT SHALL BE USED TO CONNECT ALL MOTORS AND OTHER MOVING ELECTRICAL EQUIPMENT. LIQUID-TIGHT FLEXIBLE STEEL CONDUIT SHALL BE USED IN DAMP LOCATIONS WHERE FLEXIBLE CONDUIT IS REQUIRED.
H. CIRCUIT BREAKERS: MOLDED-CASE, QUICK-MAKE AND QUICK-BREAK THERMAL-MAGNETIC TYPE. BREAKERS SHALL HAVE A TRIP INDICATION INDEPENDENT OF THE "ON" OR "OFF" POSITIONS. BREAKERS SHALL HAVE AN INTERRUPTING CAPACITY EQUAL TO THE PANEL BEING INSTALLED IN.
I. MOTOR STARTERS: PROVIDE MANUAL STARTERS FOR SINGLE PHASE, FRACTIONAL HORSEPOWER MOTORS 1/2 HORSEPOWER AND SMALLER OR AS NOTED ON THE DRAWINGS. STARTERS AND CONTROL EQUIPMENT FOR MOTORS LARGER THAN 1/2 HORSEPOWER TO BE FURNISHED UNDER DIVISION 22 OR 23(15).
J. DISCONNECT SWITCHES: HEAVY DUTY TYPE, QUICK-MAKE QUICK-BREAK OR AS SHOWN ON THE DRAWINGS. DISCONNECTS FOR MOTOR CIRCUITS SHALL BE MOTOR RATED, PROVIDE DISCONNECT SWITCHES IN NEMA 1 ENCLOSURES, EXCEPT NEMA 3R OR NEMA 12 SHALL BE USED IN DAMP/WEAT LOCATIONS. PROVIDE OTHER ENCLOSURE RATINGS AS INDICATED. DISCONNECT SWITCHES SHALL HAVE A COVER INTERLOCK, WITH BUREAU DEVICE, TO PREVENT UNAUTHORIZED PERSONNEL FROM OPENING THE DOOR WHEN THE SWITCH IS ON.
K. ALL VOICE, DATA AND CATV CABLING SHALL BE PLENUM RATED.
L. ALL SWITCHES, RECEPTACLES AND OTHER DEVICE OUTLETS SHALL BE WHITE. ALL DEVICE PLATES AND COVERS SHALL BE WHITE. CEILING MOUNTED DEVICES (OCCUPANCY SENSORS, MOTION SENSORS, ETC.) SHALL BE WHITE. DEVICE PLATES FOR UNFINISHED WALLS SHALL GALVANIZED STEEL.
M. ALL CONDUIT SHALL BE ROUTED CONCEALED UNLESS IN ELECTRICAL OR MECHANICAL SPACES.
N. GFCI TYPE RECEPTACLES OR CIRCUIT BREAKERS SHALL BE UTILIZED AS REQUIRED BY CODE. OVERCURRENT PROTECTION AND DISCONNECTING MEANS SHALL BE PROVIDED FOR ALL MOTORS PER CODE.

ELECTRICAL SYMBOLS

PAGING DEVICES

- ◊ LOUDSPEAKER OUTLET, CEILING MOUNTED, DIRECTIONAL. SUBSCRIPT "V" DENOTES VOLUME CONTROL.
◊ LOUDSPEAKER OUTLET, WALL MOUNTED, DIRECTIONAL. SUBSCRIPT "V" DENOTES VOLUME CONTROL.
◊ LOUDSPEAKER OUTLET, CEILING MOUNTED, BI-DIRECTIONAL. SUBSCRIPT "V" DENOTES VOLUME CONTROL.
◊ LOUDSPEAKER OUTLET, CEILING MOUNTED. SUBSCRIPT "V" DENOTES VOLUME CONTROL. MOUNT TO ROOF TRUSS WITH BAFFLE BOX IN AREAS WITHOUT CEILINGS.
§V SPEAKER VOLUME CONTROL

SECURITY

- M MAGNETIC ALARM SWITCH
D DURESS ALARM SWITCH
MD MOTION DETECTOR
CD CAPACITIVE DETECTOR
CCTV CAMERA LOCATION, CEILING MOUNTED UNLESS INDICATED OTHERWISE
KS+ KEYPAD ACCESS ALARM OVERRIDE CONTROL
E ELECTRIC PUSH-BUTTON
R CARD READER
ES ELECTRIC STRIKE
REX REQUEST TO EXIT PUSH BUTTON

ABBREVIATIONS:

- AFF = ABOVE FINISHED FLOOR
AFL = ABOVE FINISHED LANDING
GFI = GROUND FAULT INTERRUPTER
IG = ISOLATED GROUND
UIO = UNLESS INDICATED OTHERWISE
WP = WEATHERPROOF CONSTRUCTION
OFCI = OWNER FURNISHED / OWNER INSTALLED
CFCI = CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
TYP = TYPICAL
NIC = NOT IN CONTRACT

GENERAL SYMBOLS NOTES:

- 1. ALL SYMBOLS MAY NOT BE USED.
2. MOUNTING HEIGHTS ARE ABOVE FINISHED FLOOR OR GRADE TO THE CENTER LINE OF THE OUTLET, DEVICE, ETC. UNLESS INDICATED OTHERWISE.
3. LARGE AMPACITY CIRCUIT DESIGNATION EXAMPLE: 4 SETS OF 3#500, #250, #10G, 4"C MEANS IN EACH OF FOUR 4" CONDUITS INSTALL THREE 500 KCM CONDUCTORS, ONE 250 KCM NEUTRAL AND ONE #10 GROUND.

SEISMIC DESIGN CATEGORY IS "B".

COLOR LEGEND:

- ◻ EXISTING TO REMAIN
◻ DEMOLISH
◻ NEW CONSTRUCTION

LINESTYLE LEGEND:

- - - - - DEMOLISH
- - - - - EXISTING TO REMAIN
— — — — — NEW



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ELECTRICAL LEGEND



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03-21-2025

PROJECT #: 20200132

ISSUE DATES: CONSTRUCTION DOCUMENTS 03/21/2025

Table with columns: No., Description, Date

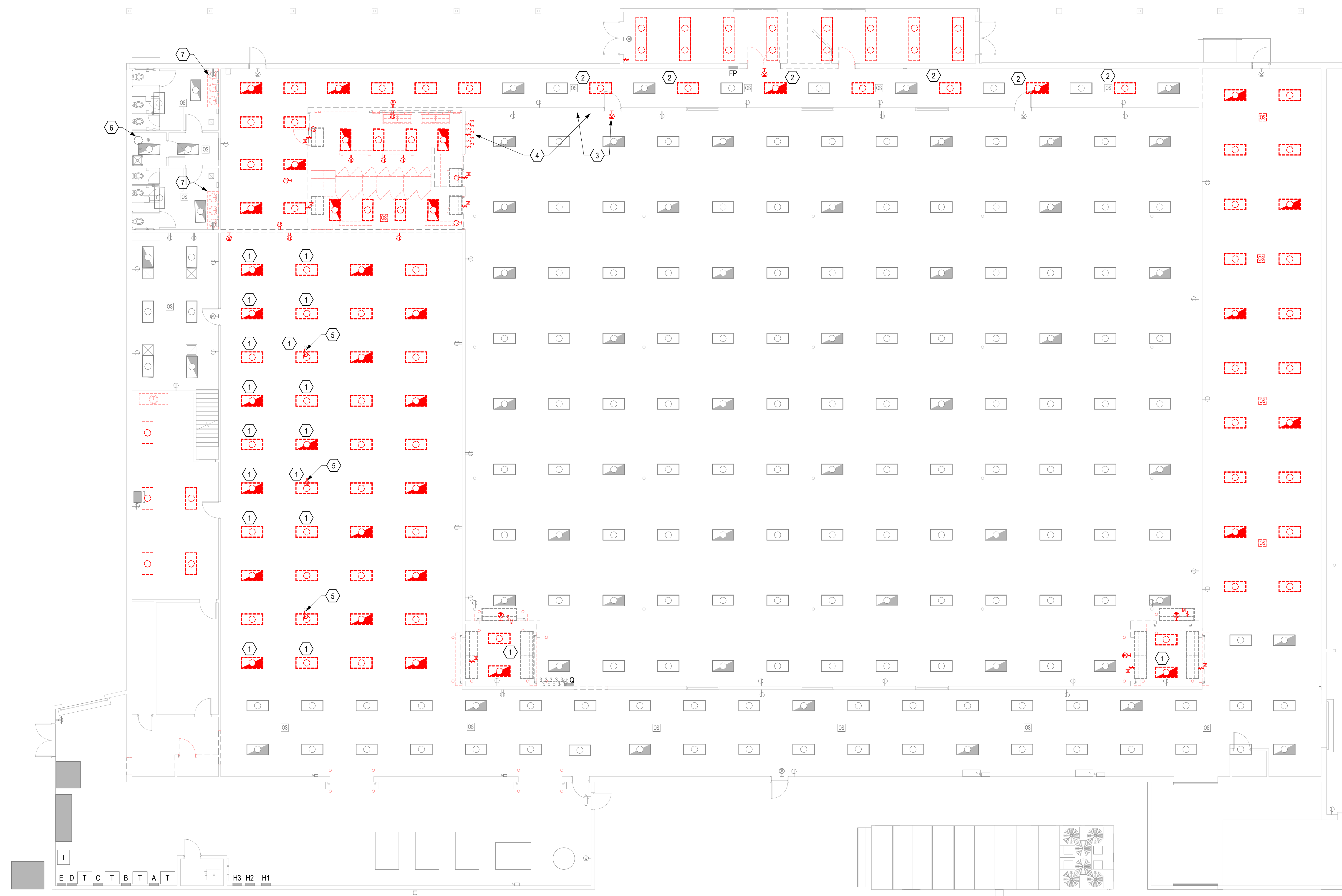
SHEET NUMBER: E-001

GENERAL NOTES:

- A. DEVICES INDICATED OR NOTED TO BE DEMOLISHED MAY SHARE A CIRCUIT WITH ITEMS THAT WILL REMAIN. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING FIXTURES AND DEVICES.
- B. INFORMATION REGARDING EXISTING CONDITIONS WAS TAKEN FROM RECORD DRAWINGS AND CASUAL SITE OBSERVATIONS. INFORMATION MAY BE INCOMPLETE. VERIFY AND DOCUMENT EXISTING CONDITIONS PRIOR TO DEMOLITION.
- C. LIGHTING AND RECEPTACLE CIRCUITS ARE TO BE REUSED FOR NEW LIGHTING AND DEVICES. REMOVE CONDUIT AND CONDUCTORS OF FULLY DEMOLISHED CIRCUITS TO THE POINT OF ORIGIN (PANELBOARD FOR CIRCUITS TO BE COMPLETELY REMOVED AND J-BOX FOR CIRCUITS TO BE PARTIALLY REMOVED). INSTALL COVERS ON HOLES IN J-BOXES AND PANELBOARDS. TURN OFF AND MARK BREAKERS "SPARE" FOR CIRCUITS COMPLETELY REMOVED.
- D. ALL EXISTING PANELBOARDS AND TRANSFORMERS ARE EXISTING TO REMAIN.

KEYED NOTES:

- ① REUSE EXISTING LIGHT FIXTURE IN SAME AREA FOR NEW LAYOUT.
- ② DEMO LIGHTS INDICATED IN THIS AREA. OTHERS ARE EXISTING TO REMAIN.
- ③ RELOCATE EXIT SIGN TO NEW LOCATION.
- ④ RELOCATE LIGHT SWITCHES TO NEW LOCATION.
- ⑤ RELOCATE RECEPTACLE FROM STRUCTURAL POLES TO NEW WALL IN THIS AREA.
- ⑥ DISCONNECT ELECTRIC WATER HEATER AND MAKE READY FOR NEW WATER HEATER.
- ⑦ DISCONNECT AUTOMATIC SINKS AND MAKE READY FOR NEW AUTOMATIC SINKS.



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ELECTRICAL DEMOLITION PLAN

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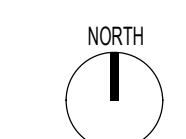
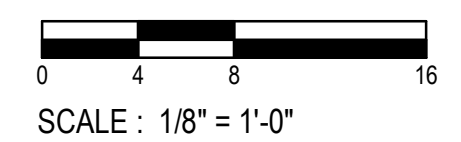
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ISSUE DATES:		
CONSTRUCTION DOCUMENTS:		
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SHEET NUMBER:
ED101

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



GENERAL NOTES:

- A. REUSE EXISTING LIGHTING CIRCUITS UNLESS INDICATED OTHERWISE. VERIFY ADEQUATE AMPACITY.
- B. ADJUST THE QUANTITY AND LOCATIONS OF OCCUPANCY SENSORS AS NECESSARY FOR FULL ROOM COVERAGE (MAXIMUM OF 500 SQ. FT. COVERAGE PER SENSOR). THE DISTANCE BETWEEN SENSORS AND HVAC REGISTERS SHALL BE NO LESS THAN THE MINIMUM DISTANCE RECOMMENDED BY THE SENSOR MANUFACTURER.
- C. OCCUPANCY SENSORS SHALL CONTROL ALL NORMAL POWER LIGHT FIXTURES IN THE ROOM IN WHICH THEY ARE INSTALLED UNLESS OTHERWISE INDICATED.
- D. LOCATE ALL POWER PACKS FOR OCCUPANCY SENSORS ABOVE THE CEILING WHERE ACCESSIBLE.
- E. SET OCCUPANCY SENSORS TO A 30-MINUTE TIME DELAY.
- F. SET ALL WALL-MOUNTED OCCUPANCY SENSORS TO MANUAL-ON/AUTOMATIC-OFF.
- G. DO NOT COVER RECESSED LIGHTING FIXTURE WITH BATT INSULATION.
- H. UPDATE PANEL SCHEDULES FOR ANY CIRCUITS THAT ARE BEING AFFECTED IN ALL EXISTING PANELS. PROVIDE TYPED PANEL SCHEDULES IN EACH PANEL AT COMPLETION OF WORK. TURN SPARE BREAKERS OFF.
- J. LIGHTING CIRCUITRY ONLY SHOWN FOR CONTROL AREA PURPOSES.
- K. VERIFY FIXTURE REQUIREMENTS FOR VOLTAGE AND DIMMING. PROVIDE ALL NECESSARY ACCESSORIES FOR A COMPLETE SYSTEM.

KEYED NOTES:

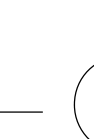
- ① RELOCATE EXISTING FIXTURE FROM THIS AREA OF DEMOLITION TO THIS NEW LOCATION.
- ② RELOCATE SWITCHES TO THIS LOCATION.
- ③ RELOCATE EXIT SIGN TO THIS LOCATION.
- ④ TWO CIRCUIT TRACK LIGHTING. PROVIDE POWER TO ACCESSIBLE AREA ABOVE CEILING. MOUNT TRACK TIGHT TO CEILING.
- ⑤ REPLACE EXISTING FIXTURE WITH NEW.
- ⑥ CONNECT TO NEAREST NON-SWITCHED LIGHTING CIRCUIT.

TRACK LIGHTING TRACKS AND HEAD QUANTITIES:
PROVIDE ALL REQUIRED CONNECTORS AND ACCESSORIES.

- (24) - TYPE T8 8' TRACKS
- (14) - TYPE T4 4' TRACKS
- (12) - TYPE TH1 HEADS (SEE LIGHT FIXTURE SCHEDULE)
- (12) - TYPE TH2 HEADS (SEE LIGHT FIXTURE SCHEDULE)
- (20) - TYPE TH3 HEADS (SEE LIGHT FIXTURE SCHEDULE)
- (20) - TYPE TH4 HEADS (SEE LIGHT FIXTURE SCHEDULE)
- (20) - TYPE TH5 HEADS (SEE LIGHT FIXTURE SCHEDULE)



① FIRST FLOOR LIGHTING PLAN
1/8" = 1'-0"
SCALE: 1/8" = 1'-0"



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FIRST FLOOR LIGHTING PLAN



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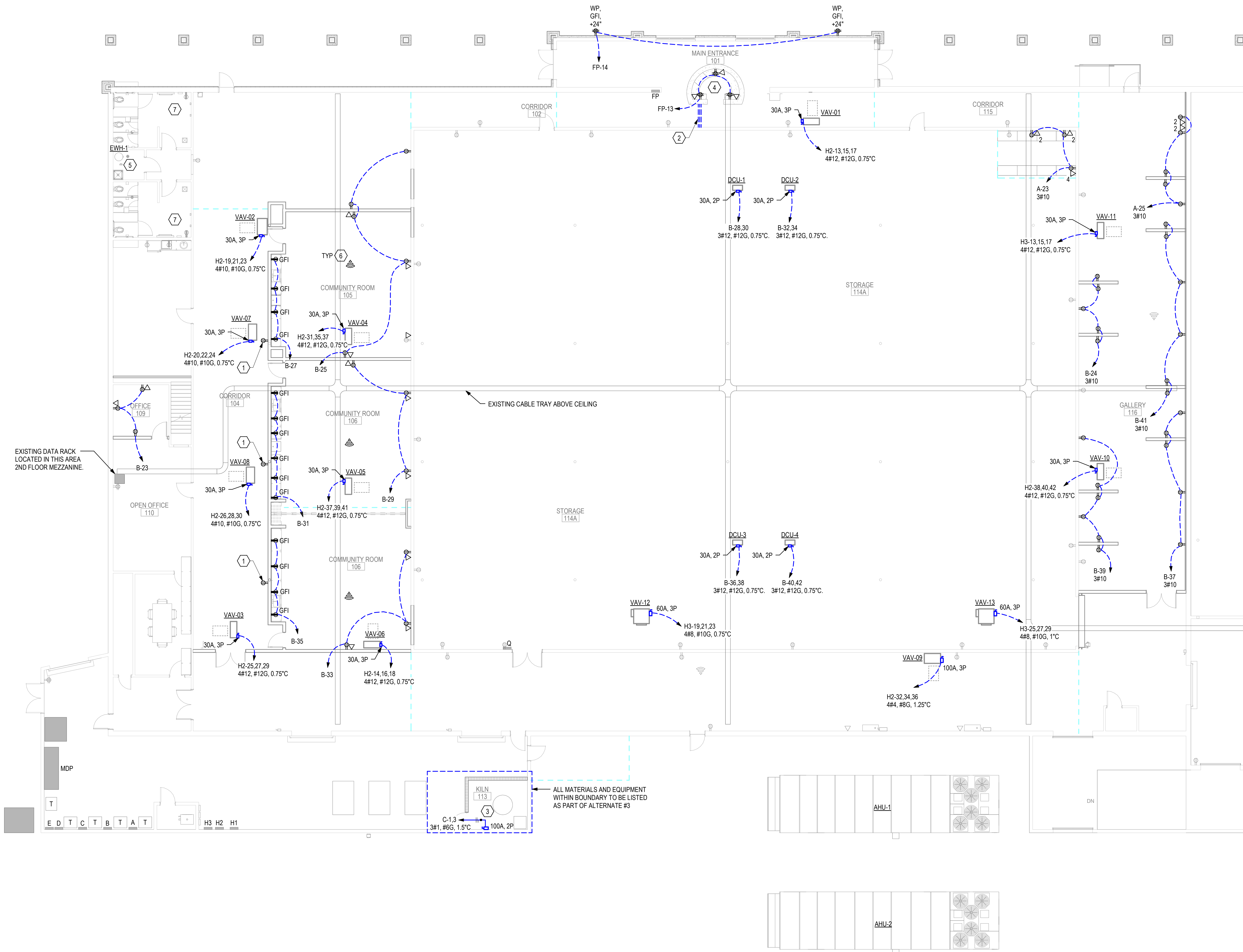
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EL101

GENERAL NOTES:

- A. INFORMATION REGARDING EXISTING CONDITIONS WAS TAKEN FROM CASUAL SITE OBSERVATIONS. INFORMATION MAY BE INCOMPLETE. VERIFY AND DOCUMENT EXISTING CONDITIONS PRIOR TO DEMOLITION.
- B. UPDATE PANEL SCHEDULES FOR ANY CIRCUITS THAT ARE BEING AFFECTED IN ALL EXISTING PANELS. PROVIDE AND INSTALL TYPED WRITTEN PANEL SCHEDULE IN EACH PANEL AT COMPLETION OF WORK. TURN SPARE BREAKERS OFF.
- C. EXISTING RECEPTACLES AND EQUIPMENT NOT SHOWN ARE TO REMAIN UNLESS NOTED OTHERWISE.
- D. USE EXISTING CABLE TRAY SYSTEM TO MAKE CAT 6 DATA DROPS TO NEW AREAS.

KEYED NOTES:

- ① RELOCATE EXISTING RECEPTACLE FROM POLE TO NEW WALL. EXTEND WITH SAME SIZE WIRE AND CONDUIT TO NEW LOCATION.
- ② SAWCUT CONCRETE TRENCH FOR POWER AND DATA FOR FRONT RECEPTION DESK. PROVIDE (1) SPARE 2" CONDUIT WITH PULL ROPE FOR FUTURE USE.
- ③ COORDINATE DISCONNECT LOCATION WITH KILN MANUFACTURER'S RECOMMENDATIONS PRIOR TO ROUGH-IN.
- ④ COORDINATE POWER AND DATA LOCATIONS WITH FURNITURE MANUFACTURER PRIOR TO ROUGH-IN.
- ⑤ RECONNECT NEW WATER HEATER TO EXISTING CIRCUIT.
- ⑥ PROVIDE CAT 6 CABLE AT CEILING (WITH 10' COILED) FOR WI-FI ACCESS EQUIPMENT. TERMINATE AT NEAREST DATA HUB.
- ⑦ RECONNECT NEW SINKS TO EXISTING CIRCUIT.

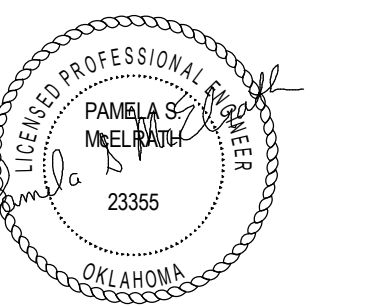


1 FIRST FLOOR POWER AND SYSTEMS PLAN

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

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FIRST FLOOR POWER AND SYSTEMS PLAN



03-21-2025

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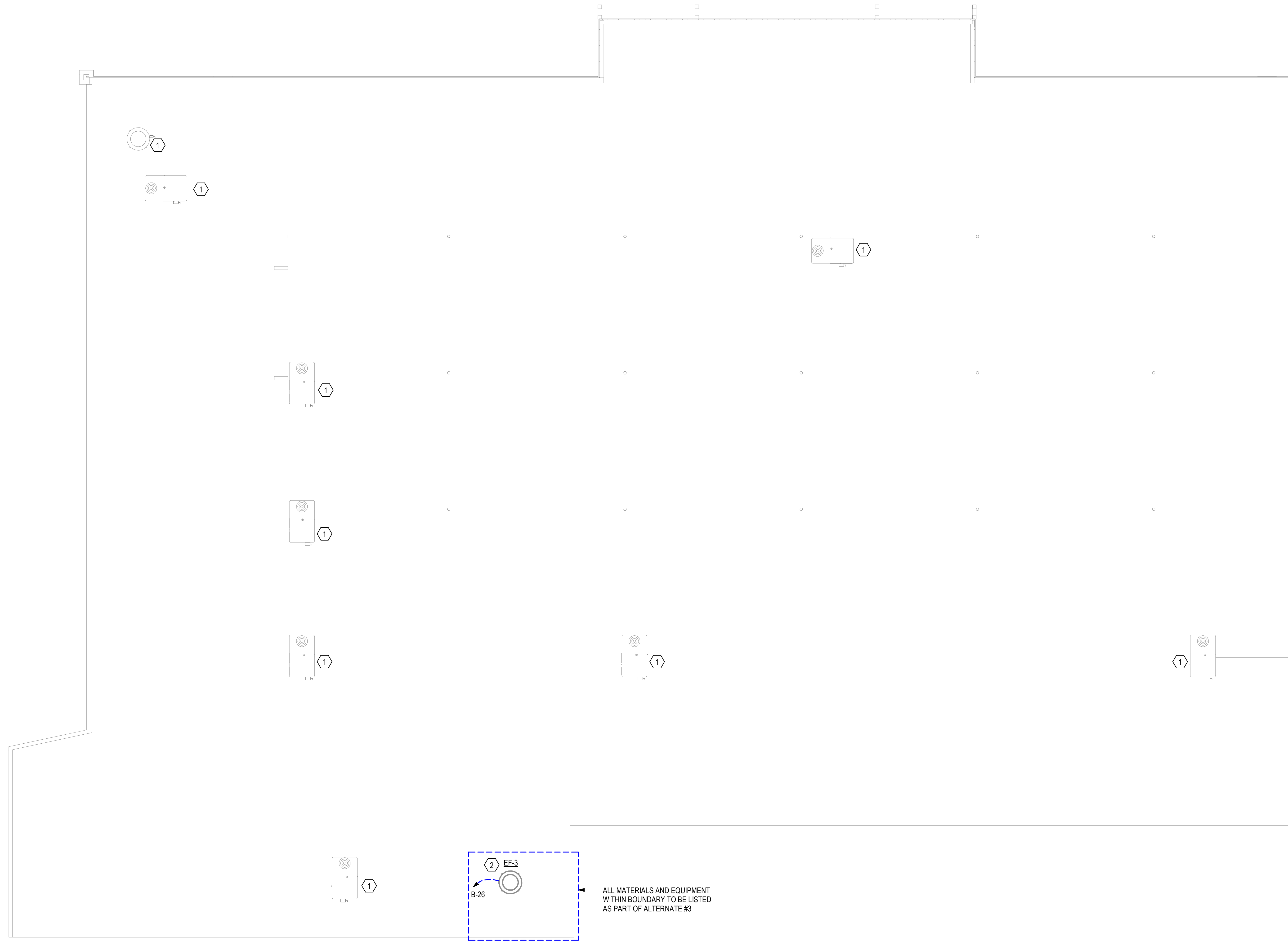
EP101

GENERAL NOTES:

- A. INFORMATION REGARDING EXISTING CONDITIONS WAS TAKEN FROM CASUAL SITE OBSERVATIONS. INFORMATION MAY BE INCOMPLETE. VERIFY AND DOCUMENT EXISTING CONDITIONS PRIOR TO DEMOLITION.
- B. UPDATE PANEL SCHEDULES FOR ANY CIRCUITS THAT ARE BEING AFFECTED IN ALL EXISTING PANELS. PROVIDE AND INSTALL TYPED WRITTEN PANEL SCHEDULE IN EACH PANEL AT COMPLETION OF WORK. TURN SPARE BREAKERS OFF.
- C. EXISTING RECEPTACLES AND EQUIPMENT NOT SHOWN ARE TO REMAIN UNLESS NOTED OTHERWISE.
- D. LABEL ALL ROOFTOP EQUIPMENT WITH CIRCUIT AND PANEL LOCATION FEEDING EQUIPMENT.

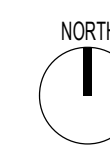
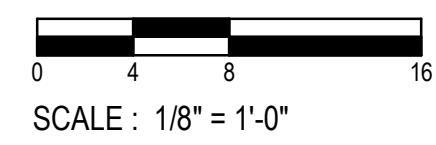
KEYED NOTES:

- ① EXISTING TO REMAIN.
- ② ROUTE ALL CONDUITS WITHIN CURB.



1 ROOF POWER PLAN

1/8" = 1'-0"



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ROOF POWER PLAN



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EP102



blue river
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A Native American Owned Firm

LIGHTING FIXTURE SCHEDULE								
TYPE	MANUFACTURER	CATALOG NUMBER	VOLTAGE	SOURCE	TOTAL FIXTURE LUMENS	MAXIMUM FIXTURE WATTAGE	DESCRIPTION	KEYED NOTES
A1	HE WILLIAMS	LT-22-L39-835-AF-DIM-UNV	120-277	LED	3934	33.1	2X2 TROFFER	
A1E	HE WILLIAMS	LT-22-L39-835-AF-EM10W-DIM-UNV	120-277	LED	3934	33.1	2X2 TROFFER WITH BATTERY BACKUP	
B1	HE WILLIAMS	LT-24-L52-835-AF-DIM-UNV	120-277	LED	5202	37.2	2X4 TROFFER	
B1E	HE WILLIAMS	LT-24-L52-835-AF-EM10W-DIM-UNV	120-277	LED	5202	37.2	2X4 TROFFER WITH BATTERY BACKUP	
E1	HE WILLIAMS	EMER/DECO-WHT-D	120-277	LED	N/A	12	EGRESS LIGHT	
L1	HE WILLIAMS	MX2R-TR-4-00-L8-935-F-DIM-UNV	120-277	LED	2799	27	4' RECESSED LINEAR	
L1E	HE WILLIAMS	MX2R-TR-4-00-L8-935-F-EM10WLP-DIM-UNV	120-277	LED	2799	27	4' RECESSED LINEAR WITH BATTERY BACKUP	
T4	LUMENTURE	KB-22-W	120	LED	N/A	N/A	4' TRACK, 2 CIRCUIT	
T8	LUMENTURE	KB-28-W	120	LED	N/A	N/A	8' TRACK, 2 CIRCUIT	
TH1	LUMENTURE	T80-30H-2000-15-W-J	120	LED	1439	22	15° LED SPOT HEAD	
TH2	LUMENTURE	T80-30H-2000-25-W-J	120	LED	1930	20	25° LED SPOT HEAD	
TH3	LUMENTURE	T80-30H-2000-40-W-J	120	LED	1934	20	40° LED SPOT HEAD	
TH4	LUMENTURE	T80-30H-2000-60-W-J	120	LED	1815	20	60° LED SPOT HEAD	
TH5	LUMENTURE	T80-30H-2000-WW-W-J	120	LED	1815	20	WALL WASH LED HEAD	
X	CURRENT	CCESRE OR CCEDRE	120-277	LED	N/A	1	EXIT SIGN, BATTERY BACKUP, FACES AND MOUNTING PER PLANS	

LIGHTING FIXTURE SCHEDULE GENERAL NOTES:

1. PROVIDE FLANGE KIT AS REQUIRED

LIGHTING FIXTURE SCHEDULE KEYED NOTES:

1. BATTERY BACK UP. ARROWS AND FACES PER PLANS
2. CHAIN MOUNT AT 9'-0" AFF UNLESS NOTED OTHERWISE

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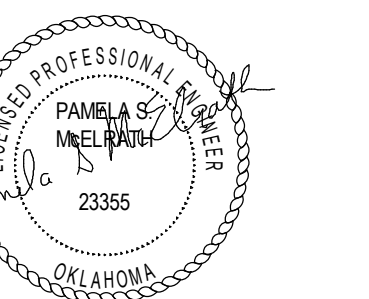
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ELECTRICAL SCHEDULES



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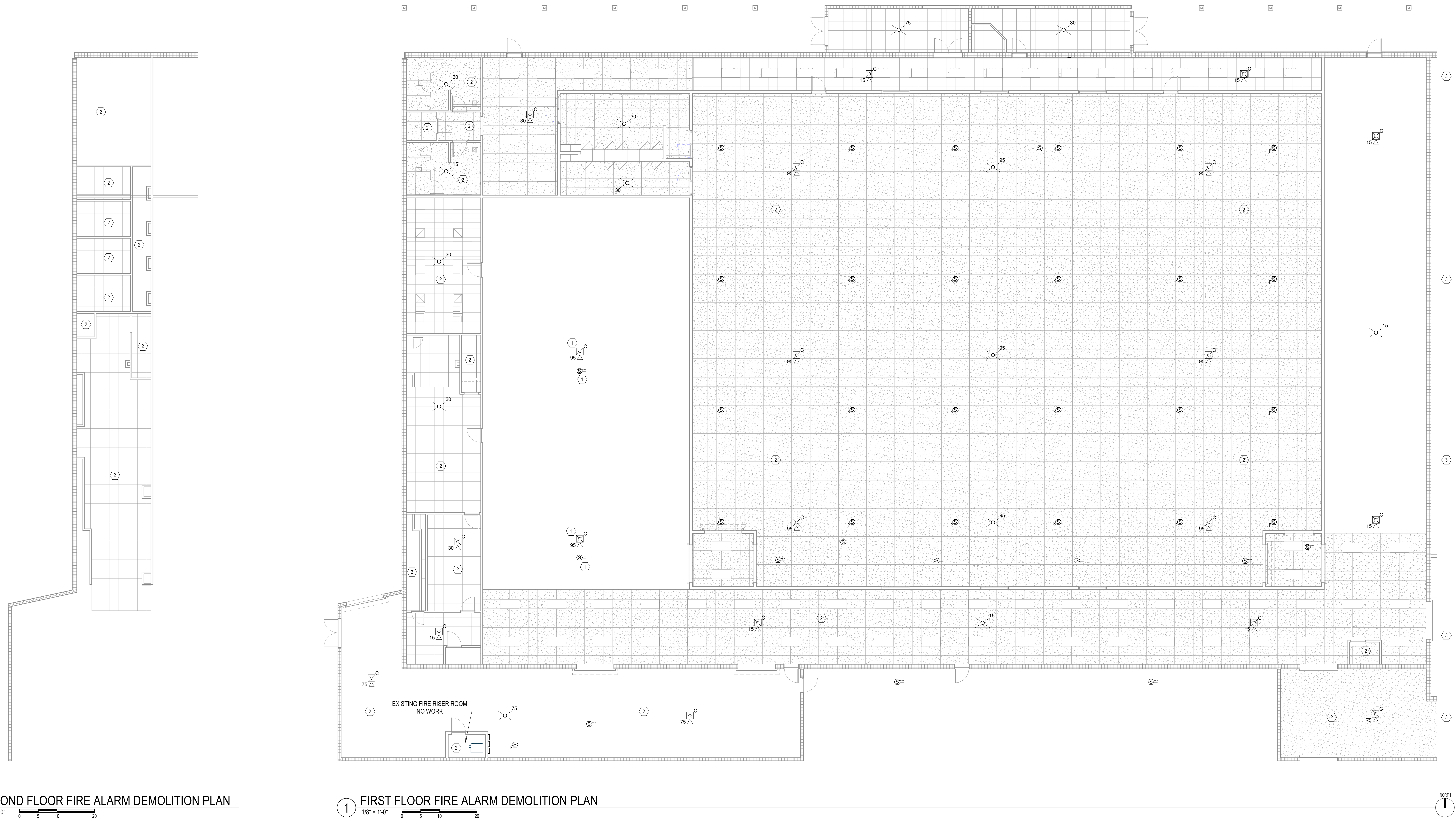
E-602

DEMOLITION NOTES:

1. THE INTENT OF THE PROJECT IS TO RE-USE AS MUCH OF THE EXISTING FIRE DETECTION AND ALARM SYSTEM INSTALLATION AS POSSIBLE. SO THERE IS NOT EXPECTED TO BE SUBSTANTIAL DEMOLITION.
2. ANY DEMOLITION OF THE EXISTING FIRE DETECTION AND ALARM SYSTEM IS TO BE TAKEN BACK TO A JUNCTION BOX OR SIMILAR LOCATION IN THE CIRCUIT. IT SHALL NOT BE ACCEPTABLE TO ABANDON ANY CONDUITS, J-BOXES, ETC., IN PLACE.
3. SURRENDER ALL DEMOLISHED MATERIALS TO THE OWNER FOR FIRST RIGHT OF REFUSAL.

KEYED NOTES:

- 1 DEMOLISH REMOVE EXISTING DETECTOR/ NOTIFICATION APPLIANCE. NOTE: SAVE ALL DETECTORS AND NOTIFICATION APPLIANCES FOR SPARES FOR OWNER USE.
- 2 THERE IS NO NEW FIRE DETECTION AND ALARM WORK PLANNED FOR THIS SPACE. THIS SPACE IS TO REMAIN IN SERVICE AND OPERATION DURING AND AFTER CONSTRUCTION. NOTIFY G.C. AND OWNER WHEN THE FIRE DETECTION AND ALARM SYSTEM WILL BE SHUT DOWN OR OTHERWISE BE PUT INTO A STANDBY MODE FOR WORK. RETURN THE FIRE DETECTION AND ALARM SYSTEM TO NORMAL SERVICE EACH DAY. AT NO TIME SHALL THE FIRE DETECTION AND ALARM SYSTEM BE LEFT OUT OF SERVICE DURING THE OVERNIGHT OR NON-WORKING HOURS. CONTRACTOR IS TO FOLLOW THE OWNERS THE FIRE DETECTION AND ALARM SYSTEM SHUTDOWN PROCEDURE AT ALL TIMES.
- 3 THIS AREA OUTSIDE OF THE SCOPE OF THIS PROJECT.

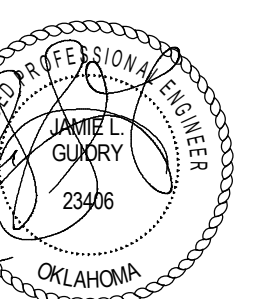


2 SECOND FLOOR FIRE ALARM DEMOLITION PLAN
1/8" = 1'-0"

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

CHEROKEE NATION BUSINESSES - CULTURAL CENTER

314 W. LOCUST ST., STILWELL, OK 74960
FIRE ALARM DEMOLITION CEILING PLANS



03-21-2025

PROJECT #: 20200132

ISSUE DATES:		
CONSTRUCTION DOCUMENTS:		03/21/2025
No.	Description	Date

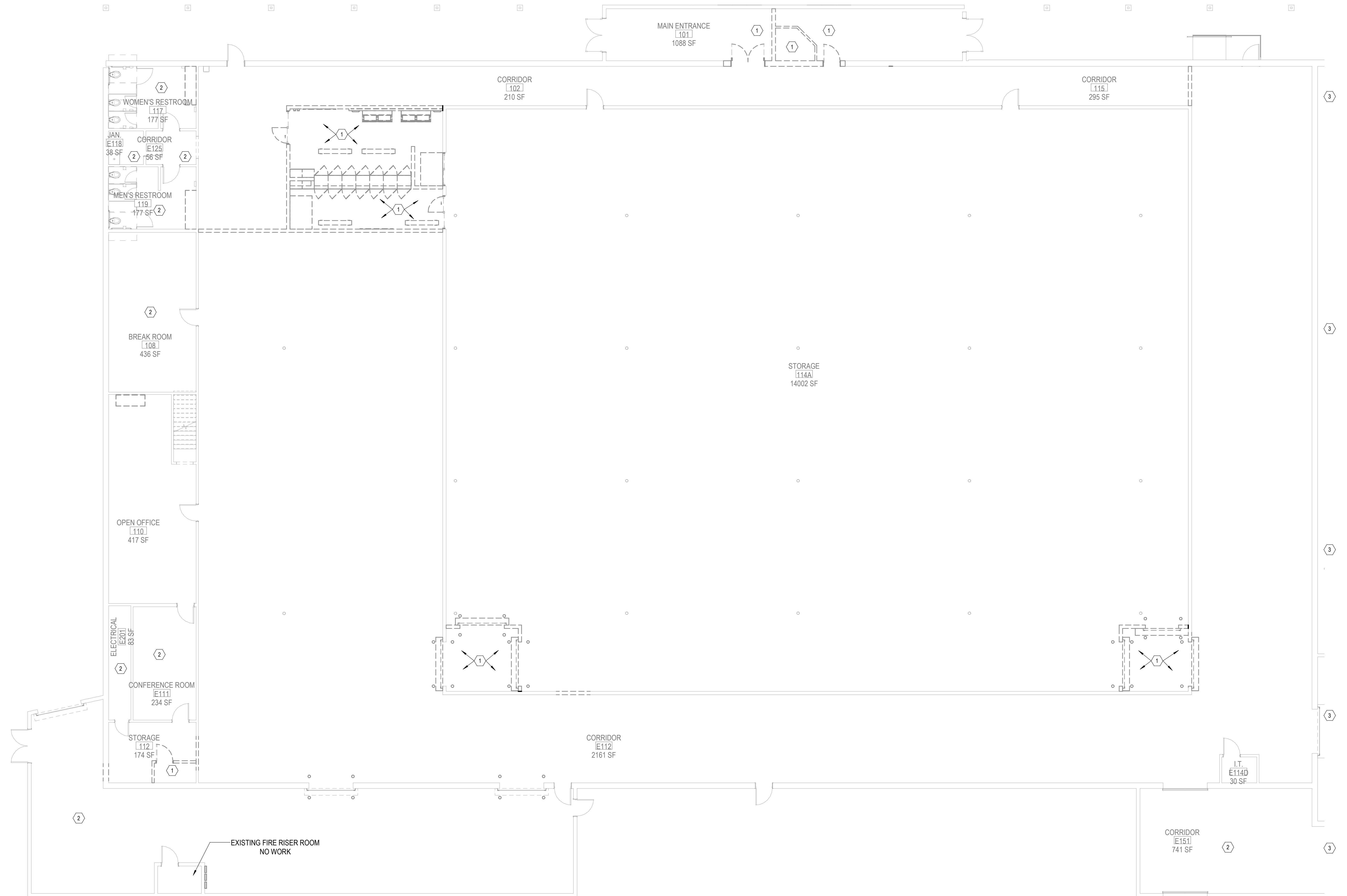
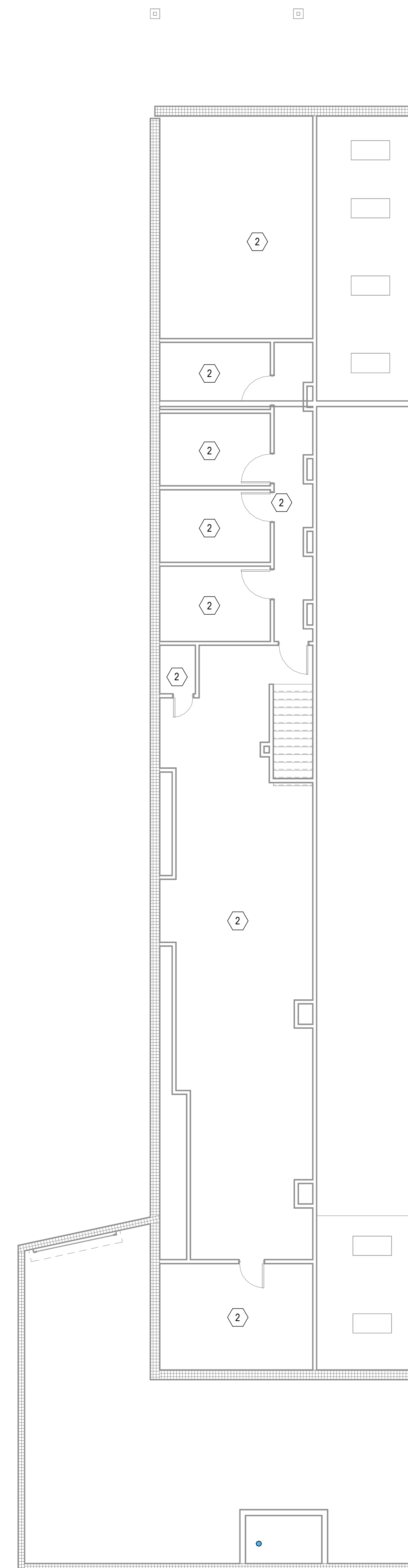
SHEET NUMBER:
FD101

DEMOLITION NOTES:

1. THE INTENT OF THE PROJECT IS TO RE-USE AS MUCH OF THE EXISTING SYSTEM PIPING AS POSSIBLE. SO THERE IS NOT EXPECTED TO BE SUBSTANTIAL DEMOLITION.
2. ANY DEMOLITION OF THE EXISTING SPRINKLER SYSTEM IS TO BE TAKEN BACK TO THE BRANCH LINE. OR THE CROSS MAIN AND PLUGS OR NIPPLES WITH CAPS SHALL BE INSTALLED. THERE ARE TO BE ABSOLUTELY NO MORE PORTIONS OF THE EXISTING BRANCH LINE PIPING REMAINING INTACT THAN WHAT ARE NECESSARY TO FACILITATE THE RENOVATION WORK. IT SHALL NOT BE ACCEPTABLE TO ABANDON ANY PIPES IN PLACE ABOVE CEILINGS.
3. SURRENDER ALL DEMOLISHED MATERIALS (PIPES, FITTINGS, HANGERS, ESPECIALLY SPRINKLER HEADS) TO THE OWNER FOR FIRST RIGHT OF REFUSAL.

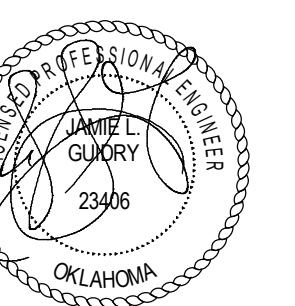
KEYED NOTES:

- 1 DEMOLISH/ REMOVE EXISTING SPRINKLER HEADS, DROPS, DETECTORS, ETC. IN THIS SPACE. NOTE: SAVE DETECTORS FOR SPARES FOR OWNER USE.
- 2 THERE IS NO NEW FIRE PROTECTION WORK PLANNED FOR THIS SPACE. THIS SPACE IS TO REMAIN IN SERVICE AND OPERATION DURING AND AFTER CONSTRUCTION. NOTIFY G.C. AND OWNER WHEN THE SPRINKLER SYSTEM WILL BE SHUT DOWN FOR WORK. RETURN SPRINKLER SYSTEM TO SERVICE EACH DAY. AT NO TIME SHALL THE SPRINKLER SYSTEM BE LEFT OUT OF SERVICE DURING THE OVERNIGHT OR NON-WORKING HOURS. CONTRACTOR IS TO FOLLOW THE OWNERS SPRINKLER SYSTEM SHUTDOWN PROCEDURE AT ALL TIMES.
- 3 THIS AREA OUTSIDE OF THE SCOPE OF THIS PROJECT.



CHEROKEE NATION BUSINESSES - CULTURAL CENTER

314 W. LOCUST ST., STILLWELL, OK 74960
FIRE PROTECTION DEMOLITION FLOOR PLANS



03-21-2025

PROJECT #: 20200132

ISSUE DATES:		
CONSTRUCTION DOCUMENTS		
No.	Description	Date

INTENT:

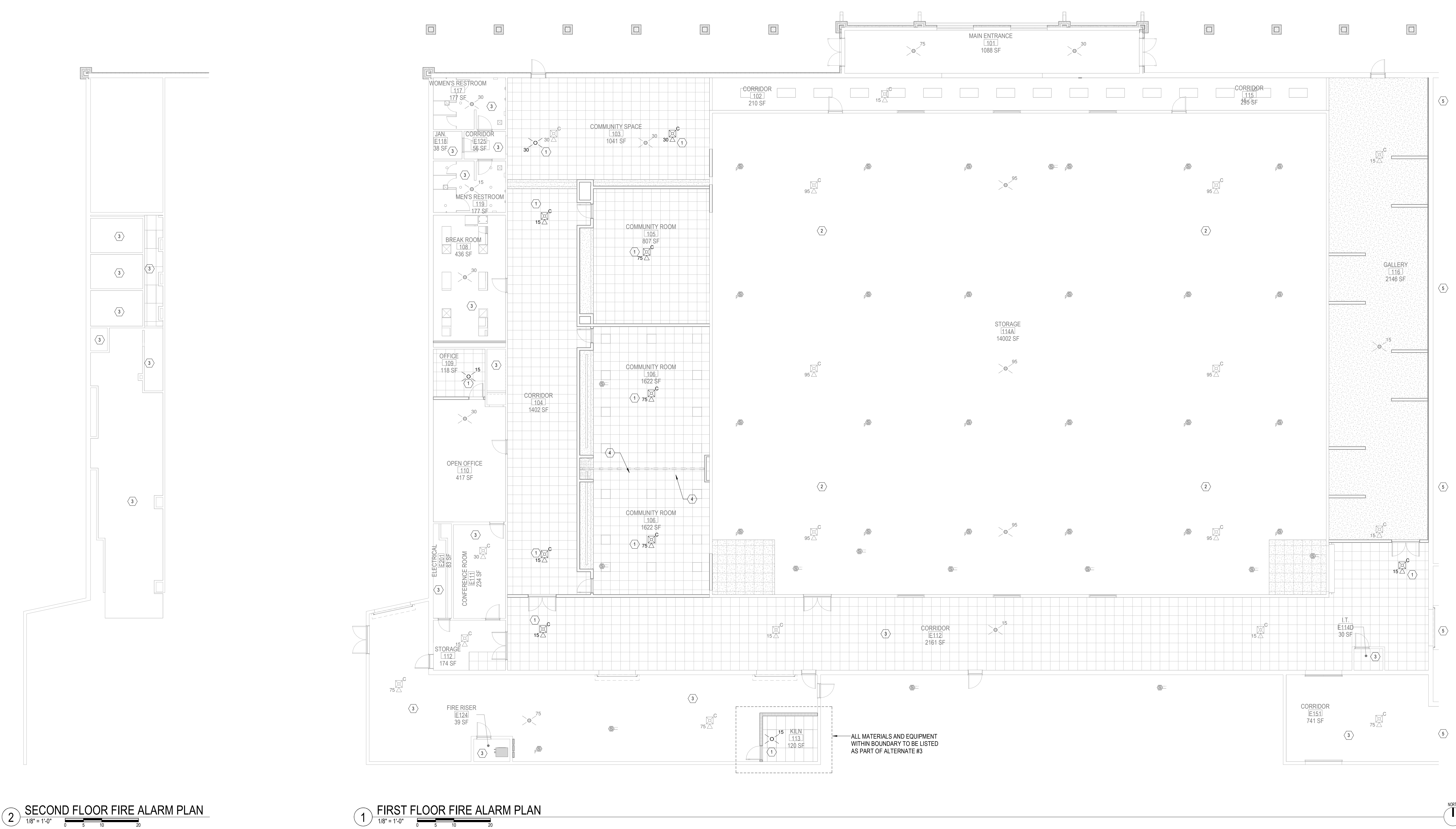
IT IS THE INTENT OF THIS PROJECT TO RE-USE ALMOST 100% OF THE EXISTING FIRE DETECTION AND ALARM SYSTEMS AS THEY ARE CURRENTLY INSTALLED. SOME DETECTORS AND NOTIFICATION APPLIANCES MAY NEED TO BE RELOCATED DUE TO NEW WALLS AND CEILINGS OR FOR COORDINATION WITH OTHER DISCIPLINES, PARTICULARLY HVAC.

PREACTION SYSTEM DETECTORS:

WHETHER SHOWN IN THESE DOCUMENTS OR NOT, ALL NECESSARY DETECTORS, BACK BOXES, JUNCTION BOXES, CONDUITS, SUPPORTS, CABLE, ETC., THAT ARE REQUIRED TO PROVIDE A COMPLETE, FULLY OPERATIONAL AND FULLY AUTOMATIC PREACTION SYSTEM ARE PART OF THE FIRE PROTECTION CONTRACTORS SCOPE OF WORK.

KEYED NOTES:

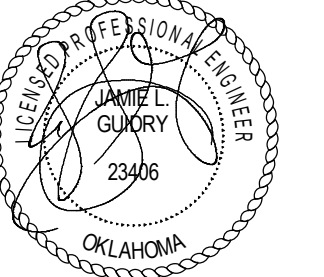
- ① NEW NOTIFICATION APPLIANCE.
- ② THIS SPACE IS PROTECTED WITH THE DOUBLE INTERLOCK PREACTION SYSTEM.
- ③ THERE IS NO NEW FIRE DETECTION AND ALARM WORK PLANNED FOR THIS SPACE. THIS SPACE IS TO REMAIN IN SERVICE AND OPERATION DURING AND AFTER CONSTRUCTION. NOTIFY G.C. AND OWNER WHEN THE FIRE DETECTION AND ALARM SYSTEM WILL BE SHUT DOWN FOR WORK. RETURN SPRINKLER SYSTEM TO SERVICE EACH DAY. AT NO TIME SHALL THE FIRE DETECTION AND ALARM SYSTEM BE LEFT OUT OF SERVICE DURING THE OVERNIGHT OR NON-WORKING HOURS. CONTRACTOR IS TO FOLLOW THE OWNERS SPRINKLER SYSTEM SHUTDOWN PROCEDURE AT ALL TIMES.
- ④ FOLDING PARTITION - SPACE SPRINKLER HEADS ACCORDINGLY.
- ⑤ THIS AREA OUTSIDE OF SCOPE OF THIS PROJECT.



CHEROKEE NATION BUSINESSES - CULTURAL CENTER
 314 W. LOCUST ST., STILWELL, OK 74960
 FIRE ALARM CEILING PLANS

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DESIGNED FOR COLOR PRINTING



03-21-2025

PROJECT #: 20200132

ISSUE DATES:

No.	Description	Date
03/21/2025	CONSTRUCTION DOCUMENTS	

SHEET NUMBER:
FA101



ISSUE DATES:		
CONSTRUCTION DOCUMENTS:	03/21/2025	
No.	Description	Date

INTENT:

IT IS THE INTENT OF THIS PROJECT TO RE-USE ALMOST 100% OF THE EXISTING FIRE PROTECTION SYSTEMS AS THEY ARE CURRENTLY INSTALLED. SOME PIPES MAY NEED TO BE RAISED DUE TO NEW CEILING HEIGHTS OR FOR COORDINATION WITH OTHER DISCIPLINES, PARTICULARLY HVAC.

REMOVE LINKS / BULBS FROM ANY DEMOLISHED SPRINKLER HEADS. SURRENDER ALL DEMOLISHED SPRINKLER HEADS AND OTHER MATERIALS TO THE OWNER FOR FIRST RIGHT OF REFUSAL.

INSTALL PLUGS OR NIPPLES WITH CAPS WHEN ARM-OVERS OR BRANCH LINES ARE DEMOLISHED. IT SHALL NOT BE ACCEPTABLE TO LEAVE PIPES IN PLACE THAT DO NOT FEED SPRINKLER HEADS.

NOTICE TO FIRE PROTECTION CONTRACTORS:

THE FIRE PROTECTION SYSTEMS DESIGNER IS CAUTIONED TO CAREFULLY COORDINATE AND CONSIDER ROUTINGS OF ALL FIRE PROTECTION PIPES AND LOCATIONS OF FIRE SPRINKLER HEADS WITH ALL OTHER DISCIPLINES (ALL ARCHITECTURAL FEATURES, STRUCTURAL ELEMENTS, HVAC DUCTWORK, ALL ABOVE CEILING PIPING SYSTEMS, LIGHT FIXTURES, CABLE TRAYS, CONDUITS, DOMESTIC WATER, STORM DRAINS, GAS LINES, OWNERS EQUIPMENT, ABOVE CEILING EQUIPMENT SUPPORTS, ETC.), AS THERE WILL BE LIMITED SPACE ABOVE CEILINGS. THE SHORTEST ROUTE/DISTANCE BETWEEN ANY TWO POINTS MAY NOT BE THE ACCEPTABLE ROUTE, DUE TO CONSTRUCTION FEATURES OR CONFLICTS WITH OTHER DISCIPLINES. THE FIRE PROTECTION DESIGNER IS CAUTIONED TO PERFORM A THOROUGHLY COORDINATED DESIGN AND CONDUCT A VERY DETAILED SURVEY OF THE FACILITY AND AREAS OF WORK. CAREFULLY REVIEW ALL PROJECT DRAWINGS AND DETAILS DURING DESIGN OF THE FIRE PROTECTION SYSTEMS.

THE INSTALLING FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE GENERAL CONTRACTOR AND OTHER TRADES PRIOR TO AND DURING INSTALLATION. GREAT CARE AND GOOD CRAFTSMANSHIP DURING INSTALLATION IS EXPECTED AT ALL TIMES TO AVOID UNNECESSARY AND UNWANTED DAMAGE TO ANY PART OR FEATURE OF THE BUILDING. THE INSTALLING FIRE PROTECTION CONTRACTOR IS CAUTIONED TO VERIFY ANY AND ALL PENETRATIONS PRIOR TO CUTTING OR DRILLING HOLES FOR PIPES. THE FIRE PROTECTION CONTRACTOR IS FURTHER CAUTIONED TO PRE-DRILL HOLES FOR HANGER ATTACHMENTS, SO AS TO NOT SPLIT, CRACK OR OTHERWISE DAMAGE ANY STRUCTURAL MEMBERS - ESPECIALLY TO CONCRETE SLABS. PENETRATIONS OF STRUCTURAL MEMBERS IS STRICTLY PROHIBITED WITHOUT A PROPERLY EXECUTED, WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER OF RECORD. IT MAY BE NECESSARY FOR PIPES TO DROP DOWN, GO UNDER AND RISE UP AT BEAMS, OTHER STRUCTURAL FEATURES, ARCHITECTURAL FEATURES OR OTHER BUILDING SYSTEMS. AT ALL TIMES THIS SHALL BE AT THE FIRE PROTECTION CONTRACTOR'S EXPENSE. THE FIRE PROTECTION CONTRACTOR IS CAUTIONED TO COORDINATE WITH ALL OTHER DISCIPLINES.

WARNING: IF THE INSTALLING CONTRACTOR CHOOSES TO USE AND INSTALL FLEXIBLE SPRINKLER DROPS, THEY SHALL BE INSTALLED IN ACCORDANCE WITH THEIR LISTING AND MANUFACTURERS INSTRUCTIONS. ATTENTION SHALL BE PAID TO BOTH THE RADIUS OF EACH BEND THAT MAY BE IN ANY SINGLE FLEXIBLE DROP, AS WELL AS THE TOTAL NUMBER OF BENDS INSTALLED IN ANY SINGLE FLEXIBLE DROP THAT MAY BE INSTALLED. THIS SHALL BE CLOSELY SCRUTINIZED IN THE FIELD DURING INSTALLATION. CONTRACTORS SHALL REPLACE EVERY FLEXIBLE DROP THAT IS DEEMED NOT TO BE INSTALLED ACCORDING TO ITS LISTING AND APPROVAL AND CROMWELL SHALL HAVE THE FINAL WORD ON WHETHER OR NOT FLEXIBLE SPRINKLER DROPS ARE INSTALLED ACCORDING TO THEIR LISTING. ANY FLEXIBLE SPRINKLER DROPS DEEMED TO BE INSTALLED INCORRECTLY SHALL BE REPLACED WITH LONGER, APPROPRIATE LENGTH FLEXIBLE DROPS, OR REPLACED WITH HARD-PIPED RETURN BENDS. IN EVERY INSTANCE, THIS SHALL BE AT THE CONTRACTORS EXPENSE. CONTRACTORS ARE CAUTIONED NOT TO TRY AND USE SHORT FLEXIBLE SPRINKLER DROPS TO "GET BY", WHEN A LONGER FLEXIBLE SPRINKLER DROP IS WHAT THE INSTALLATION REQUIRES.

AUTOMATIC AIR VENT AND RELIEF VALVE:

PROVIDE THE FOLLOWING PER THE REQUIREMENTS OF NFPA 13:

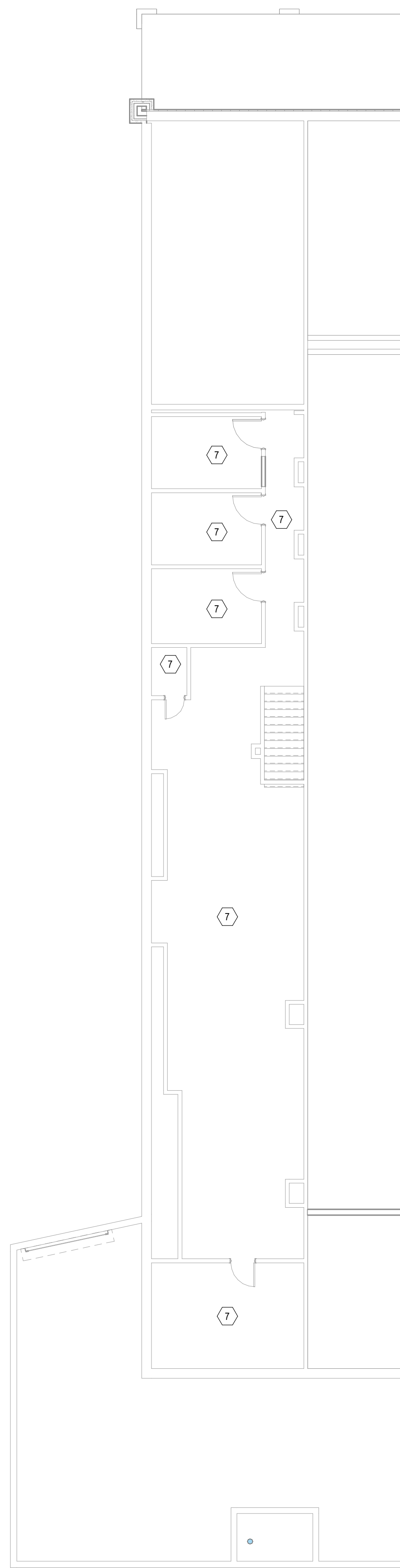
1. AN AUTOMATIC AIR VENT LOCATED ON THE TOP TANGENT OF A NEW FIRE PROTECTION SYSTEM PIPE, AT A HIGH POINT IN THE SYSTEM PIPING NETWORK.
2. AN AUTOMATIC RELIEF VALVE ON THE FIRE PROTECTION SYSTEM. LOCATE RELIEF VALVE AT AN APPROPRIATE LOCATION TO FACILITATE DRAINAGE AND NOT INTERFERE WITH THE OWNERS OPERATIONS.

KEYED NOTES:

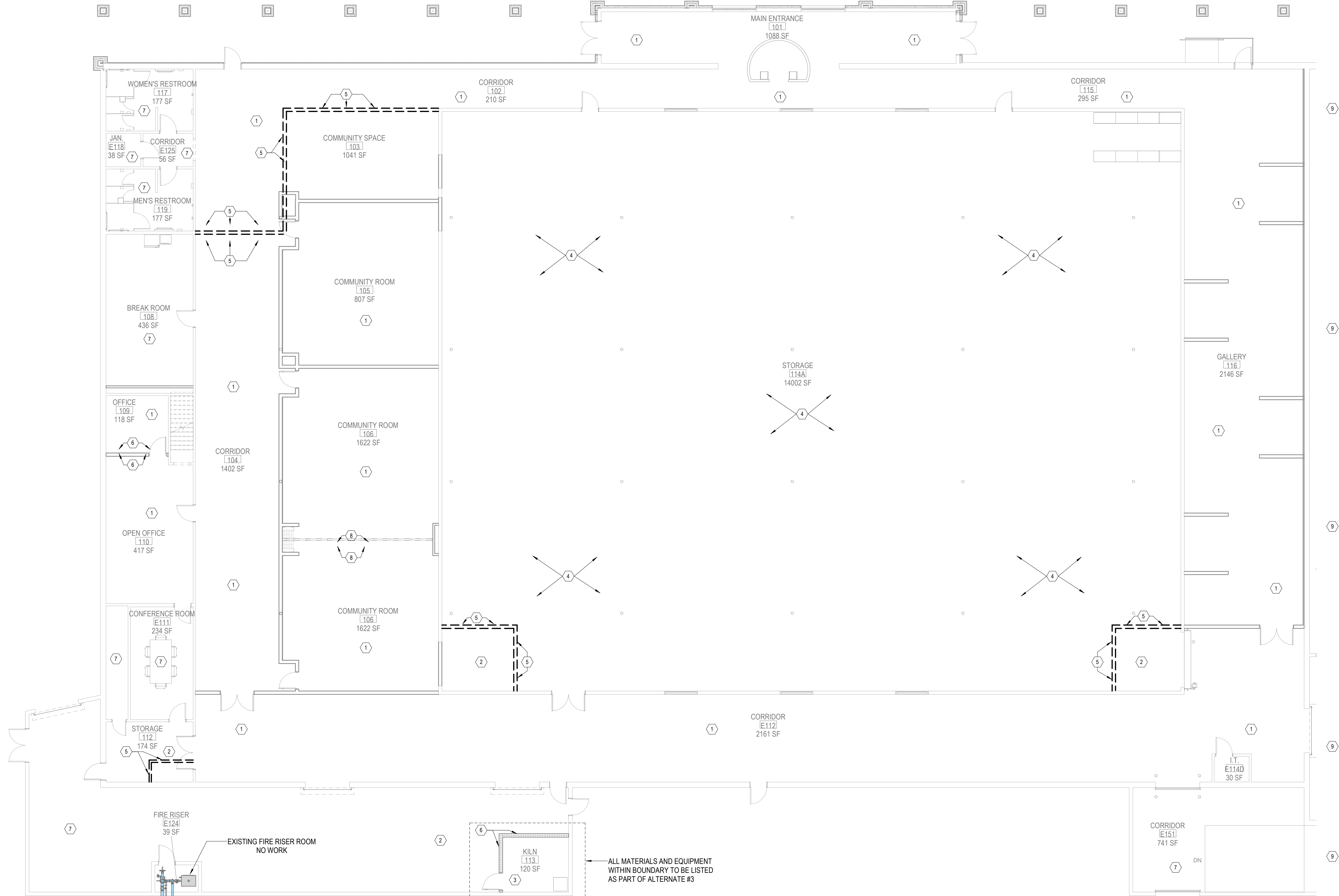
- 1 THIS SPACE SHALL BE CONSIDERED ORDINARY HAZARD GROUP 1 OCCUPANCY CLASSIFICATION. UTILIZE MINIMUM 5.6 K-FACTOR SPRINKLERS AT A MAXIMUM SPACING OF 225 FT PER SPRINKLER. SPRINKLERS ARE REQUIRED TO BE LOCATED IN CENTERS OF TILES.
- 2 THIS SPACE SHALL BE CONSIDERED ORDINARY HAZARD GROUP 2 OCCUPANCY CLASSIFICATION. UTILIZE MINIMUM 5.6 K-FACTOR SPRINKLERS AT A MAXIMUM SPACING OF 130 FT PER SPRINKLER.
- 3 THIS SPACE SHALL BE CONSIDERED ORDINARY HAZARD GROUP 2 OCCUPANCY CLASSIFICATION. UTILIZE MINIMUM 5.6 K-FACTOR SPRINKLERS AT A MAXIMUM SPACING OF 130 FT PER SPRINKLER. INSTALL MINIMUM 286°F RATED SPRINKLER(S) IN THE KILN ROOM.
- 4 THIS SPACE IS PROTECTED WITH THE DOUBLE INTERLOCK PREACTION SYSTEM.
- 5 BRING SPRINKLER HEAD COVERAGE INTO COMPLIANCE WITH NFPA 13 WHERE WALL USED TO BE.
- 6 BRING SPRINKLER HEAD COVERAGE INTO COMPLIANCE WITH NFPA 13 AT NEW WALL.
- 7 THERE IS NO NEW FIRE PROTECTION WORK PLANNED FOR THIS SPACE. THIS SPACE IS TO REMAIN IN SERVICE AND OPERATION DURING AND AFTER CONSTRUCTION. NOTIFY G.C. AND OWNER WHEN THE SPRINKLER SYSTEM WILL BE SHUT DOWN FOR WORK. RETURN SPRINKLER SYSTEM TO SERVICE EACH DAY. AT NO TIME SHALL THE SPRINKLER SYSTEM BE LEFT OUT OF SERVICE DURING THE OVERNIGHT OR NON-WORKING HOURS. CONTRACTOR IS TO FOLLOW THE OWNERS SPRINKLER SYSTEM SHUTDOWN PROCEDURE AT ALL TIMES.
- 8 FOLDING PARTITION - SPACE SPRINKLER HEADS ACCORDINGLY.
- 9 THIS AREA OUTSIDE OF SCOPE OF THIS PROJECT.

PREACTION SYSTEM DETECTORS:

WHETHER SHOWN IN THESE DOCUMENTS OR NOT, ALL NECESSARY DETECTORS, BACK BOXES, JUNCTION BOXES, CONDUITS, SUPPORTS, CABLE, ETC., THAT ARE REQUIRED TO PROVIDE A COMPLETE, FULLY OPERATIONAL AND FULLY AUTOMATIC PREACTION SYSTEM ARE PART OF THE FIRE PROTECTION CONTRACTORS SCOPE OF WORK.



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1/8" = 1'-0"



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