

RIVERLAND ENERGY COOPERATIVE

ALMA CITY HALL REMODEL - PHASE 1

1225 SOUTH MAIN STREET
ALMA, WISCONSIN 54610

L&P PROJECT NO: 25020

GENERAL

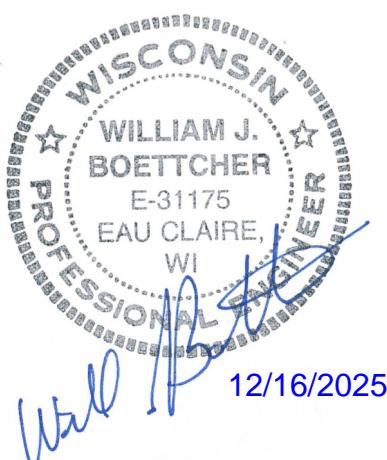
- G101 TITLE SHEET, SHEET INDEX, PROJECT LOCATION MAPS
- G102 PHASE 1 - EGRESS PLAN, CODE ANALYSIS, FFE PLANS
- G103 BUILDING COMPONENTS

CIVIL

- C201 SITE PLAN

ARCHITECTURAL

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- A304 PHASE 1 - WALL TYPES, DOOR TYPES, WINDOW TYPES, SCHEDULES
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PLUMBING

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- P101 DEMOLITION FLOOR PLAN
- P102 DEMOLITION ROOF PLAN
- P201 REMODEL FLOOR PLAN AND SCHEMATICS

MECHANICAL

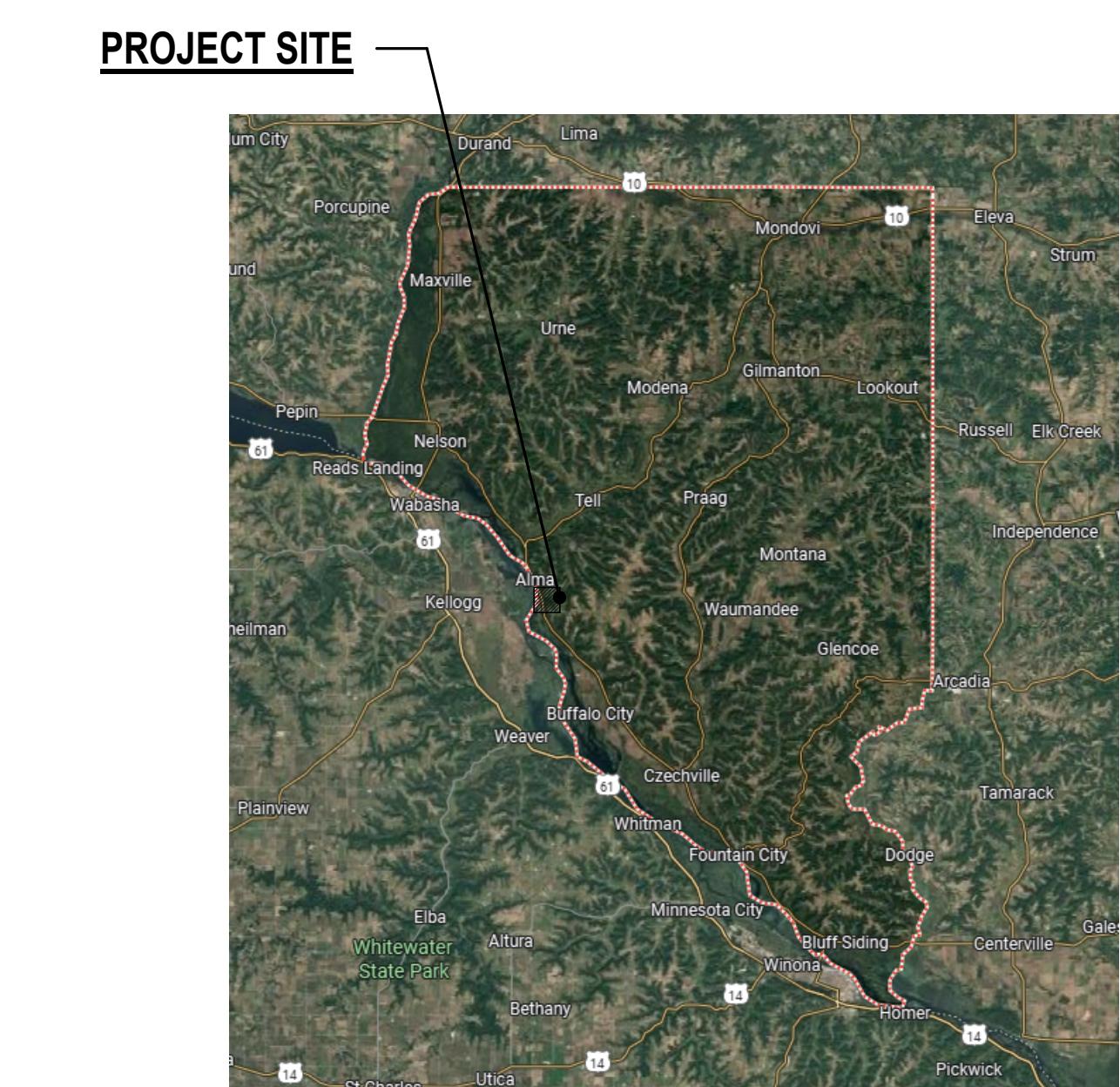
- M101 DEMOLITION PLANS
- M201 REMODEL PLANS
- M301 SCHEDULES, NOTES, AND DETAILS

ELECTRICAL

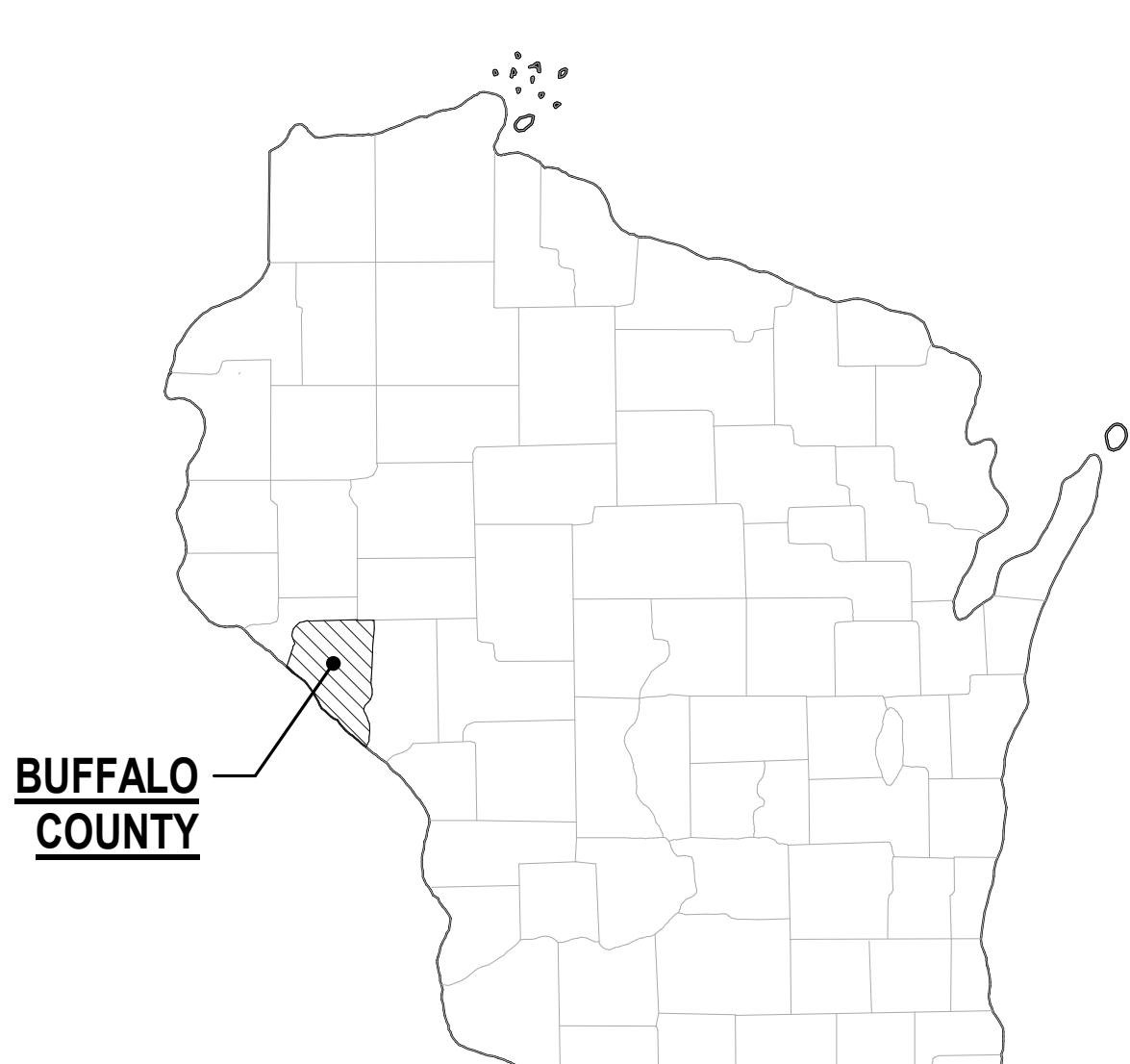
- E101 DEMOLITION FLOOR PLAN
- E201 REMODEL FLOOR PLAN LIGHTING
- E301 REMODEL FLOOR PLAN POWER



3 VICINITY MAP
N.T.S.



2 BUFFALO COUNTY MAP
N.T.S.



1 STATE MAP
N.T.S.

RIVERLAND ENERGY COOPERATIVE
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1225 SOUTH MAIN STREET
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TITLE SHEET, SHEET
INDEX, PROJECT
LOCATION MAPS

REVISIONS:
NO. DATE
1 12/16/2025

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G101

L&P PROJECT # 25020

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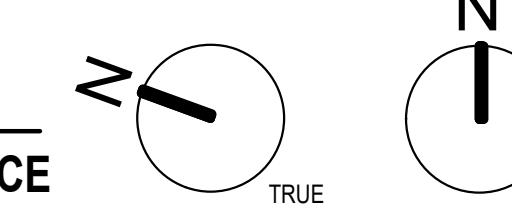
ARCHITECT / ENGINEER
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BILL BOETTCHER
bill@2dip.com
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2 PHASE 1 - CITY COUNCIL LAYOUT

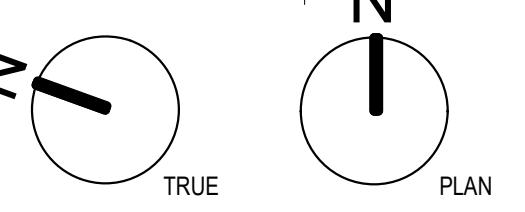
1/4" = 1'-0"

FFE PLAN FOR REFERENCE



1 PHASE 1 - EGRESS FLOOR PLAN

1/8" = 1'-0"



G102

L&P PROJECT # 25020

CODE ANALYSIS		
BUILDING CODE	IEBC 2015	
ACCESSIBILITY CODE	ICC/ANSI A117.1-2009	
BUILDING ENERGY CODE	IECC 2015	
CONSTRUCTION TYPE	VB	
OCCUPANCY GROUP	B	
OCCUPANT LOAD	56	
ALLOWABLE BLDG HT & SF	1 13,860 SF	
PROPOSED BLDG HT & SF	1 STORY 5,026 SF	
FIRE SUPPRESSION	NONE	
MAX. TRAVEL DISTANCE	200'	
EXITS (REQ'D/PROVIDED)	2 EA 2 EA	
WORK AREA	1,362 SF	
TOILET ROOM (REQ'D/PROVIDED)	1 EA 1 EA	

NOTE:
LEVEL 2 ALTERATION

CODE LEGEND

	EXIT LIGHT
	PATH OF EGRESS
	3-HOUR FIRE WALL
	FIRE EXTINGUISHER CABINET F.E.C.

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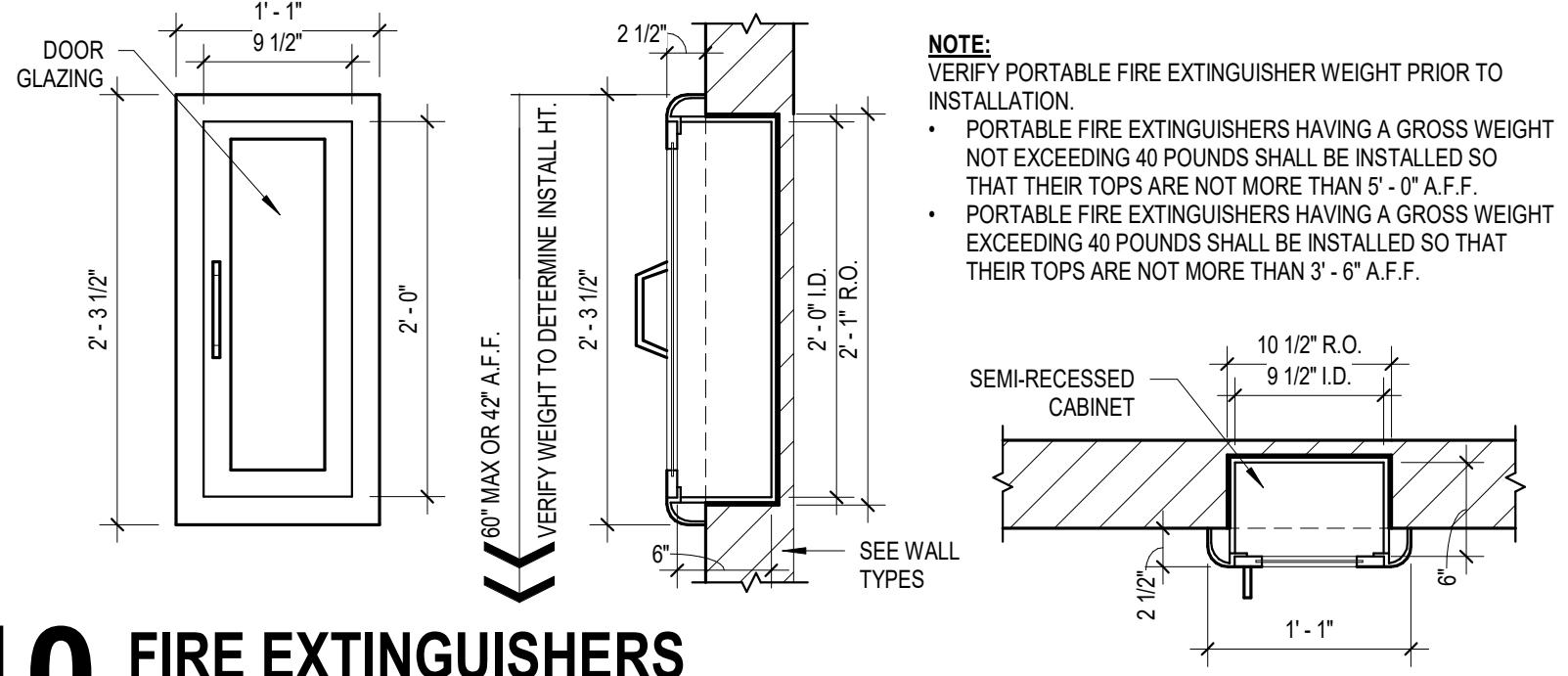
PHASE 1 - EGRESS PLAN,
CODE ANALYSIS, FFE
PLANS

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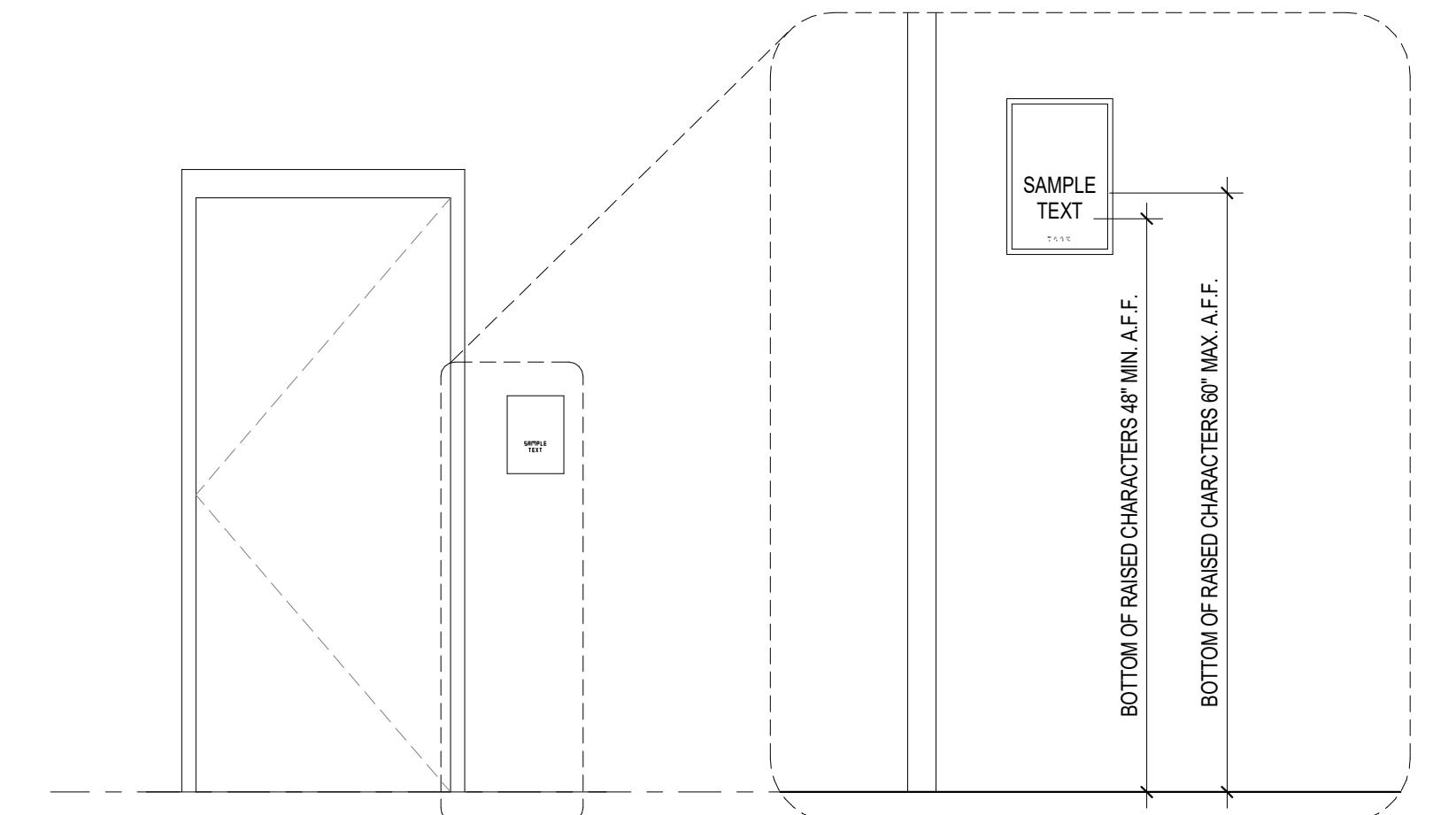
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10 FIRE EXTINGUISHERS



NOTE: SIGN AND SIGN INSTALLATION MUST COMPLY WITH CHAPTER 7 OF ANSI ICC A117.1-2009. SIGN TO MEET ALL ADA COMPLIANT REQUIREMENTS.

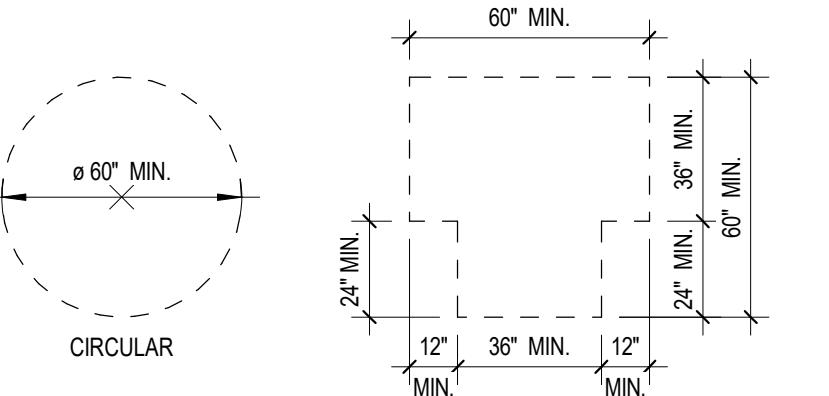
NOTE: *NOT NECESSARILY EXACT SIGN TYPE SHOWN. VERIFY ALL SIGNAGE WITH ARCHITECT PRIOR TO PURCHASE AND INSTALLATION.

7 ROOM SIGNAGE

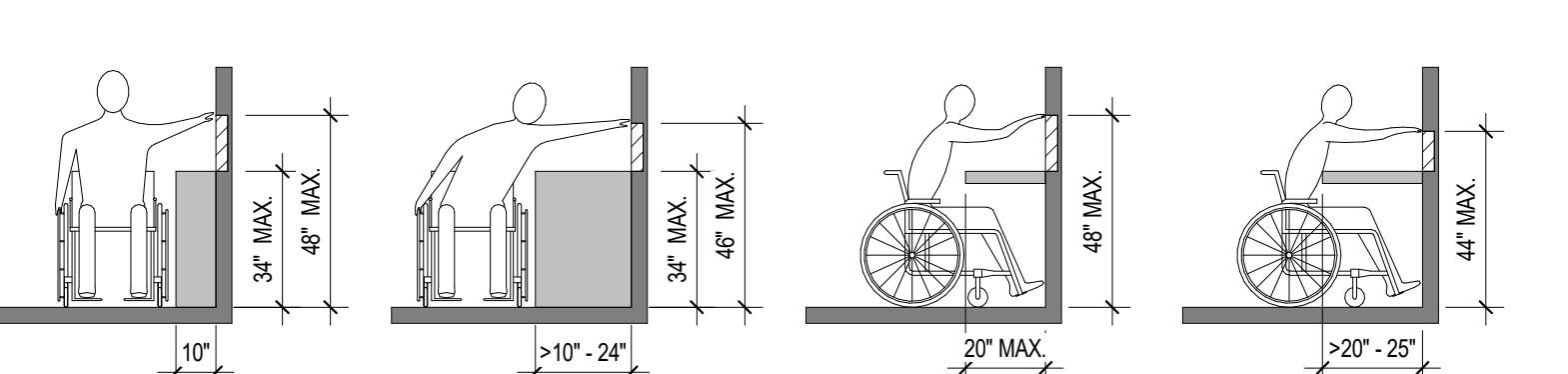
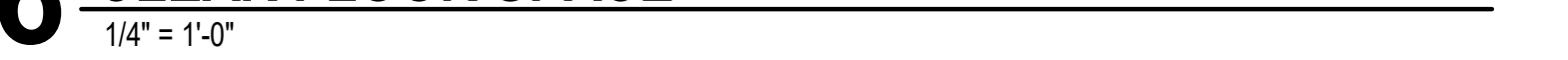


TURNING SPACE

- CIRCULAR SPACE: THE TURNING SPACE SHALL BE A CIRCULAR SPACE WITH A 60 INCH MINIMUM DIAMETER. THE TURNING SPACE SHALL NOT BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE REQUIREMENTS.
- T-SHAPED SPACE: THE TURNING SPACE SHALL BE A T-SHAPED SPACE WITHIN A 60 INCH MINIMUM SQUARE, WITH ARMS AND BASE 36 INCHES MINIMUM IN WIDTH. EACH ARM OF THE T SHALL BE CLEAR OF OBSTRUCTIONS 24 INCHES MINIMUM. THE TURNING SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE REQUIREMENTS.



6 CLEAR FLOOR SPACE

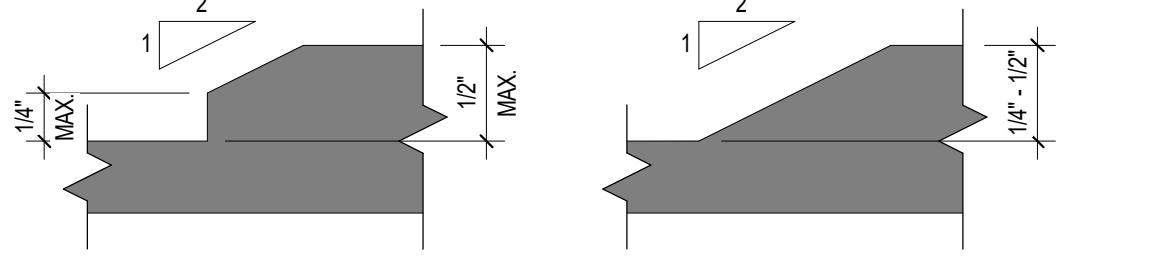


5 UNOBSTRUCTED REACH RANGES

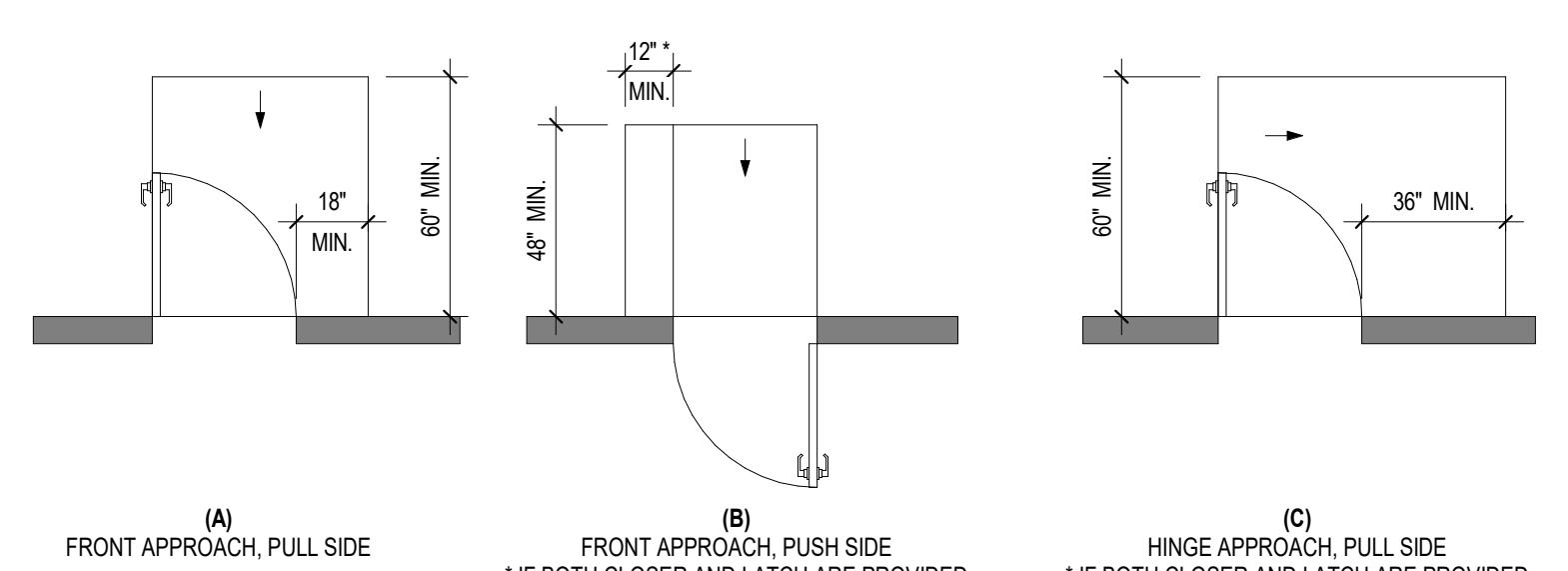


CHANGES IN LEVEL

- VERTICAL: CHANGES IN LEVEL OF 1/4 INCH MAXIMUM IN HEIGHT SHALL BE PERMITTED TO BE VERTICAL.
- BEVELED: CHANGES IN LEVEL GREATER THAN 1/4 INCH IN HEIGHT AND NOT MORE THAN 1/2 INCH SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.



4 CHANGES IN LEVEL



2 MANUAL SWING DOOR MANEUVERING CLEARANCES

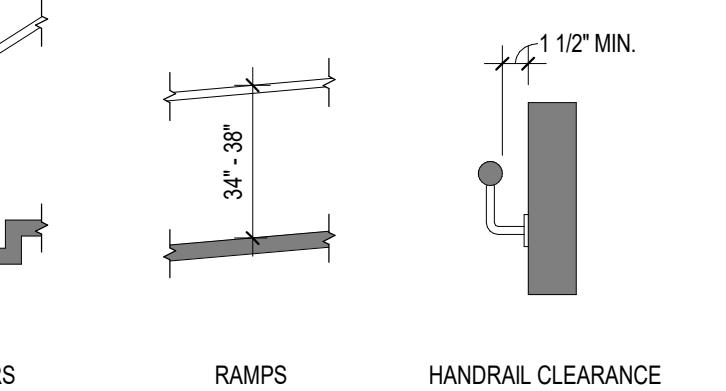


HANDRAILS

- HANDRAILS SHALL BE PROVIDED ON BOTH SIDES OF STAIRS AND RAMPS.
- HANDRAILS ARE NOT REQUIRED IN ASSEMBLY SEATING AREAS ON BOTH SIDES ALONG AISLE STAIRS, PROVIDED WITH A HANDRAIL EITHER SIDE OR WITH A CENTER LINE ON ONE SIDE OF RAMPED AISLES SERVING SEATS IN ASSEMBLY SEATING AREAS.
- TOP OF GRIPPING SURFACES OF HANDRAILS SHALL BE 34 INCHES MINIMUM AND 39 INCHES MAXIMUM VERTICALLY ABOVE STAIR NOSING. RAMP SURFACES AND WALKING SURFACES, HANDRAILS SHALL BE AT A CONSISTENT HEIGHT ABOVE STAIR NOSINGS, RAMP SURFACES AND WALKING SURFACES.
- CLEARANCE BETWEEN HANDRAIL GRIPPING SURFACE AND ADJACENT SURFACES SHALL BE 1 1/2 INCHES MINIMUM.
- GRIPPING SURFACES SHALL BE CONTINUOUS, WITHOUT INTERRUPTION BY NEWEL POSTS, OTHER CONSTRUCTION ELEMENTS, OR OBSTRUCTIONS.

9 HANDRAILS

1/4" = 1'-0"

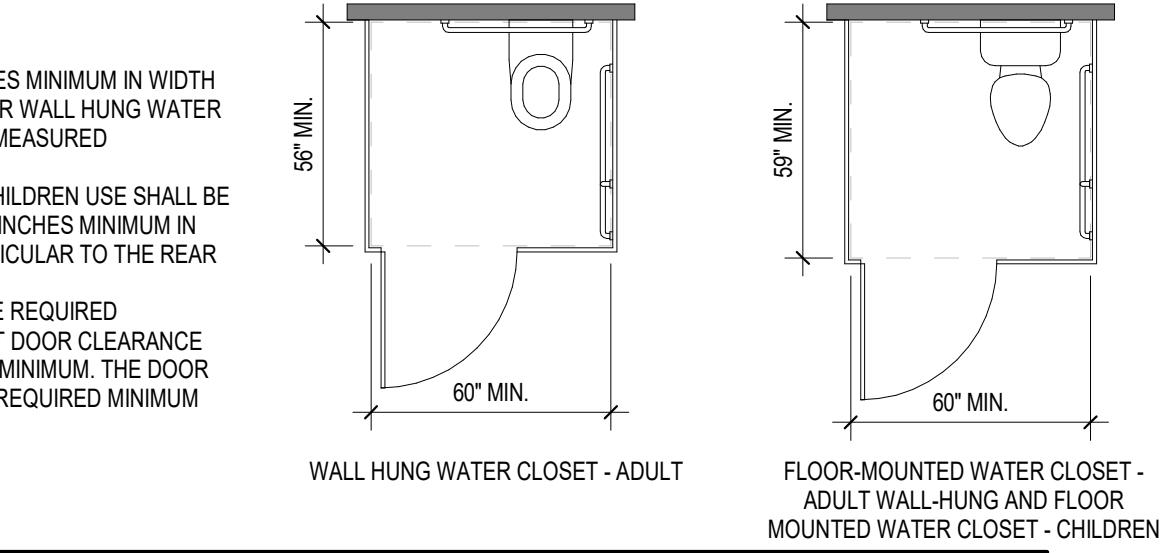


WHEELCHAIR ACCESSIBLE COMPARTMENTS

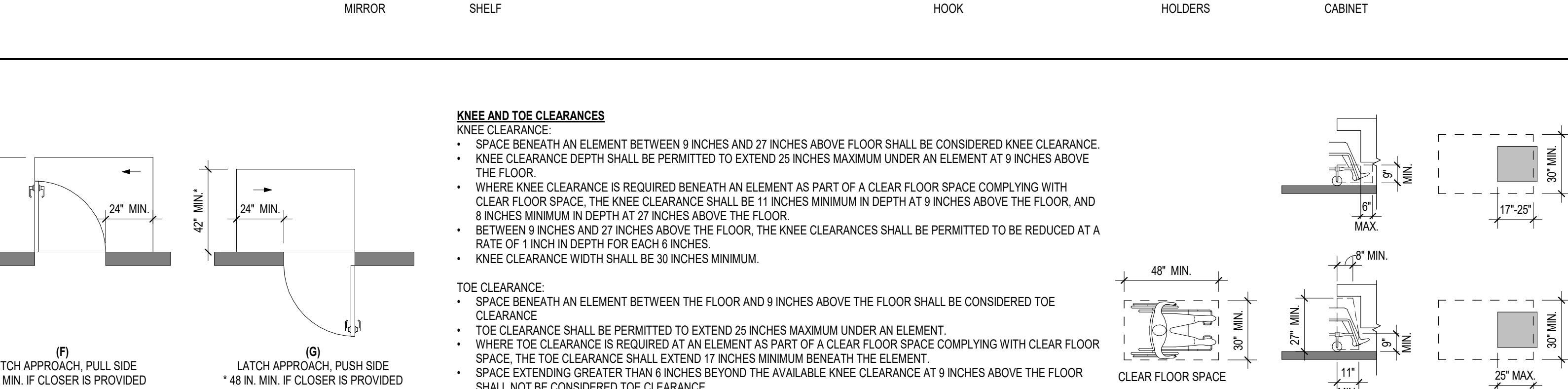
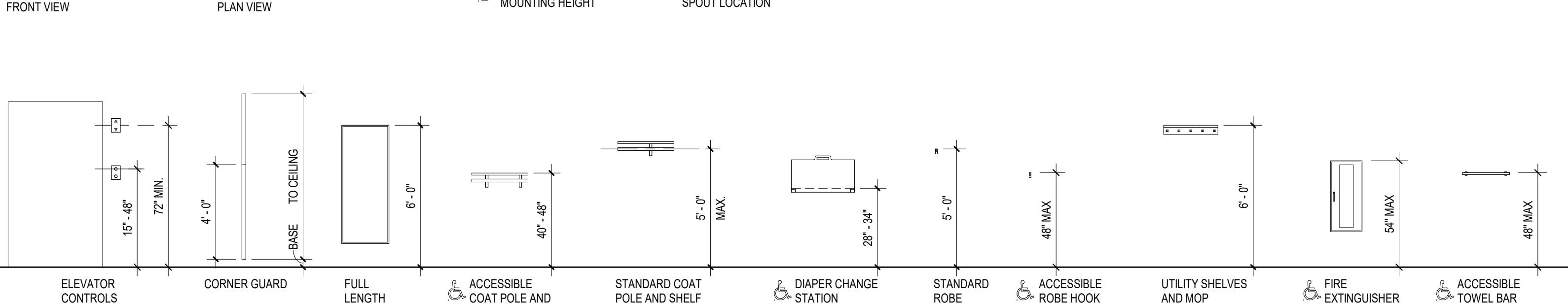
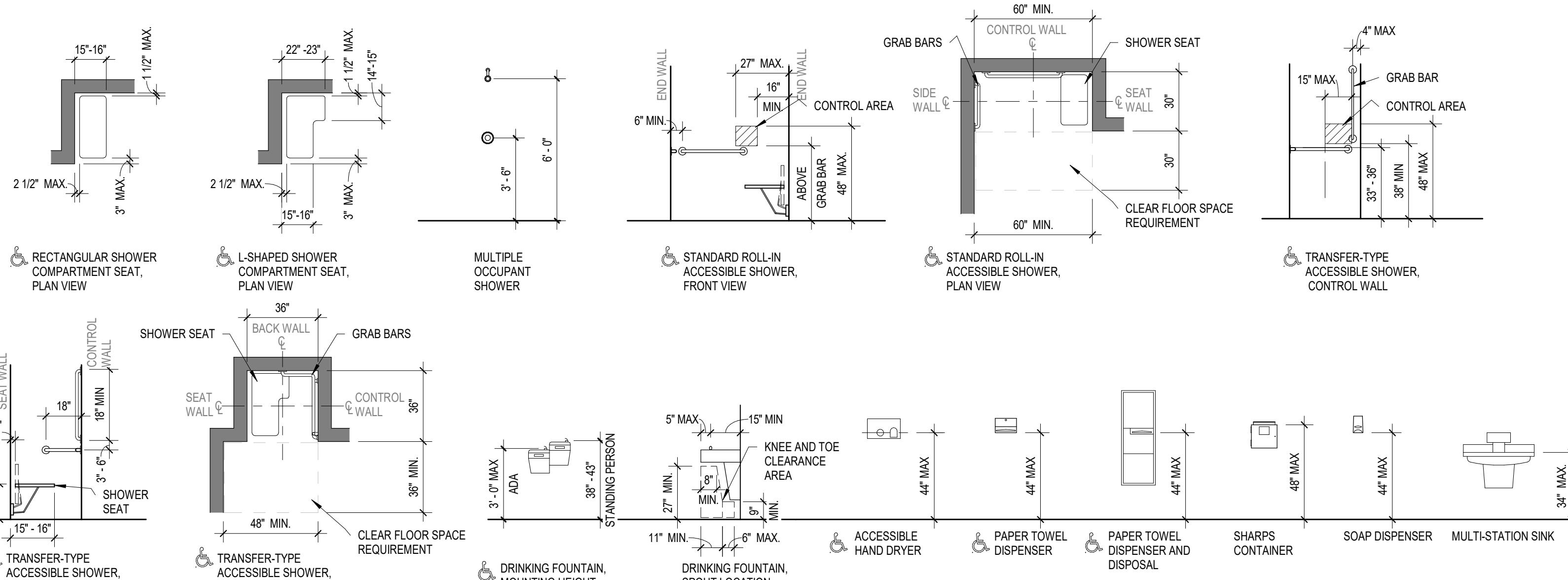
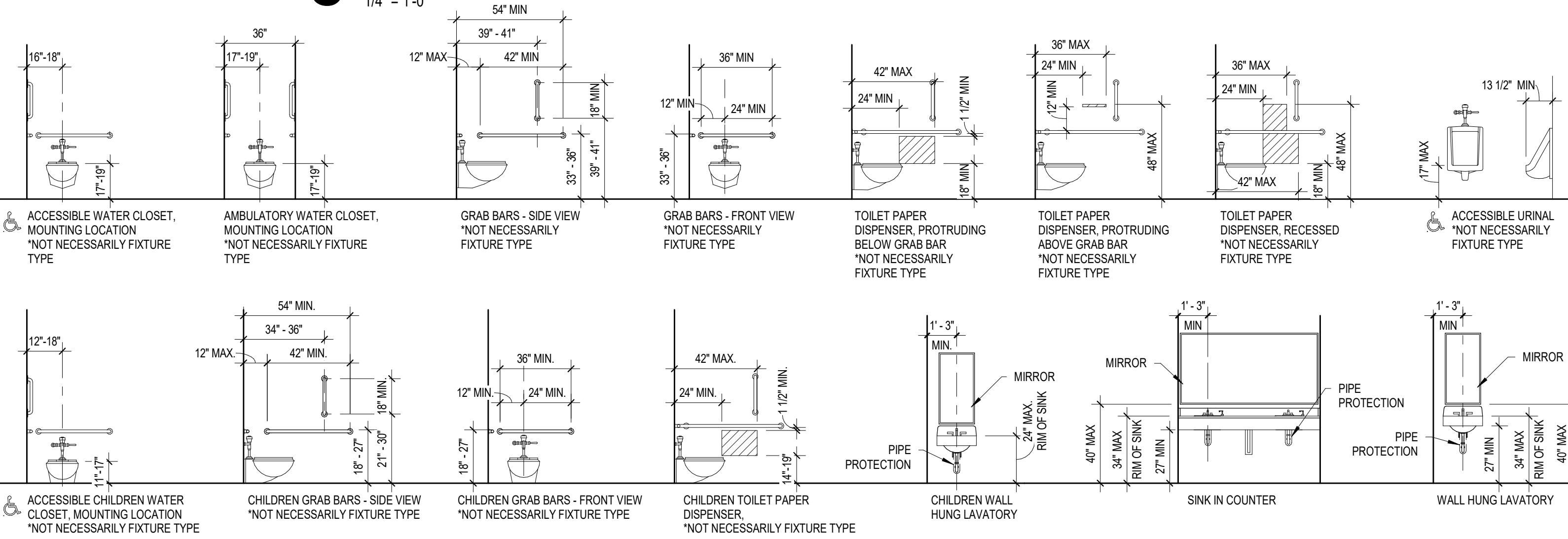
- THE MINIMUM AREA OF A WHEELCHAIR ACCESSIBLE COMPARTMENT SHALL BE 60 INCHES MINIMUM IN WIDTH MEASURED PERPENDICULAR TO THE SIDE WALL, AND 5 INCHES MINIMUM IN DEPTH FOR FLOOR MOUNTED WATER CLOSETS MEASURED PERPENDICULAR TO THE REAR WALL.
- THE MINIMUM AREA OF A WHEELCHAIR ACCESSIBLE COMPARTMENT PRIMARILY FOR CHILDREN USE SHALL BE 60 INCHES MINIMUM IN WIDTH MEASURED PERPENDICULAR TO THE SIDE WALL, AND 59 INCHES MINIMUM IN DEPTH FOR WALL HUNG AND FLOOR MOUNTED WATER CLOSETS MEASURED PERPENDICULAR TO THE REAR WALL.
- TOILET COMPARTMENT DOOR, INCLUDING DOOR HARDWARE, SHALL COMPLY WITH THE REQUIRED CLEARANCES EXCEPT IF THE APPROACH IS TO THE LATCH SIDE OF THE COMPARTMENT DOOR CLEARANCE BETWEEN THE DOOR SIDE OF THE STALL AND ANY OBSTRUCTION SHALL BE 42 INCHES MINIMUM. THE DOOR SHALL BE SELF-CLOSING. TOILET COMPARTMENT DOORS SHALL NOT SWING INTO THE REQUIRED MINIMUM AREA OF THE COMPARTMENT.

8 TOILET COMPARTMENTS

1/4" = 1'-0"



ALL INFORMATION
ON THIS PAGE IN
ACCORDANCE WITH
ICC A117.1-2009



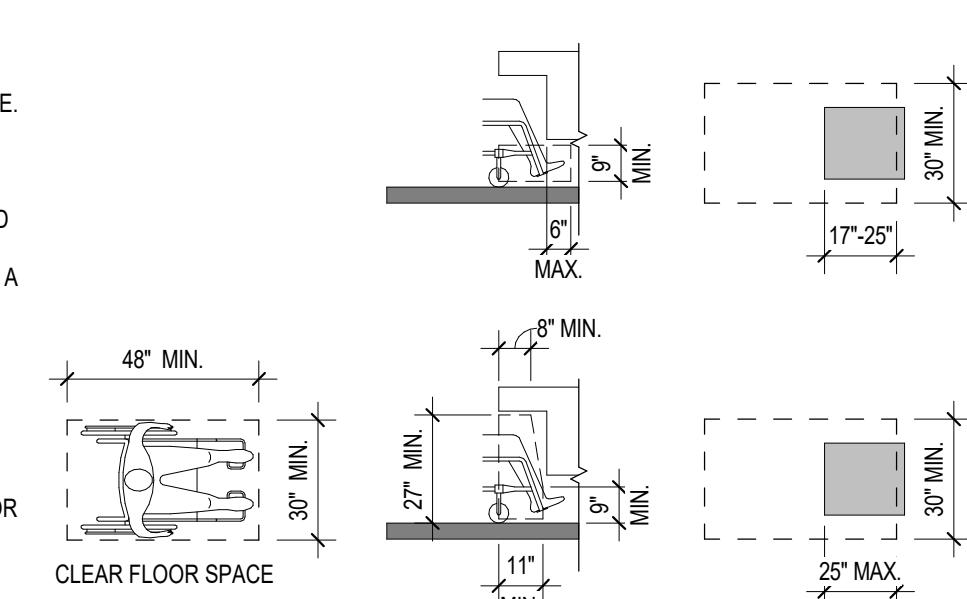
KNEE AND TOE CLEARANCES

KNEE CLEARANCE

- SPACE BENEATH AN ELEMENT BETWEEN 9 INCHES AND 27 INCHES ABOVE FLOOR SHALL BE CONSIDERED KNEE CLEARANCE. KNEE CLEARANCE DEPTH SHALL BE PERMITTED TO EXTEND 25 INCHES MAXIMUM UNDER AN ELEMENT AT 9 INCHES ABOVE THE FLOOR.
- WHERE KNEE CLEARANCE IS REQUIRED BENEATH AN ELEMENT AS PART OF A CLEAR FLOOR SPACE COMPLYING WITH CLEAR FLOOR SPACE, THE KNEE CLEARANCE SHALL BE 11 INCHES MINIMUM IN DEPTH AT 9 INCHES ABOVE THE FLOOR, AND 8 INCHES MINIMUM IN DEPTH AT 27 INCHES ABOVE THE FLOOR.
- BETWEEN 9 INCHES AND 27 INCHES ABOVE THE FLOOR, THE KNEE CLEARANCES SHALL BE PERMITTED TO BE REDUCED AT A RATE OF 1 INCH IN DEPTH FOR EACH 6 INCHES.
- KNEE CLEARANCE WIDTH SHALL BE 30 INCHES MINIMUM.

TOE CLEARANCE

- SPACE BENEATH AN ELEMENT BETWEEN THE FLOOR AND 9 INCHES ABOVE THE FLOOR SHALL BE CONSIDERED TOE CLEARANCE.
- TOE CLEARANCE SHALL BE PERMITTED TO EXTEND 25 INCHES MAXIMUM UNDER AN ELEMENT.
- WHERE TOE OF CLEARANCE IS REQUIRED AT AN ELEMENT AS PART OF A CLEAR FLOOR SPACE COMPLYING WITH CLEAR FLOOR SPACE, THE TOE CLEARANCE SHALL EXTEND 17 INCHES MINIMUM BENEATH THE ELEMENT.
- SPACE EXTENDING GREATER THAN 6 INCHES BEYOND THE AVAILABLE KNEE CLEARANCE AT 9 INCHES ABOVE THE FLOOR SHALL NOT BE CONSIDERED TOE CLEARANCE.
- TOE CLEARANCE WIDTH SHALL BE 30 INCHES MINIMUM.

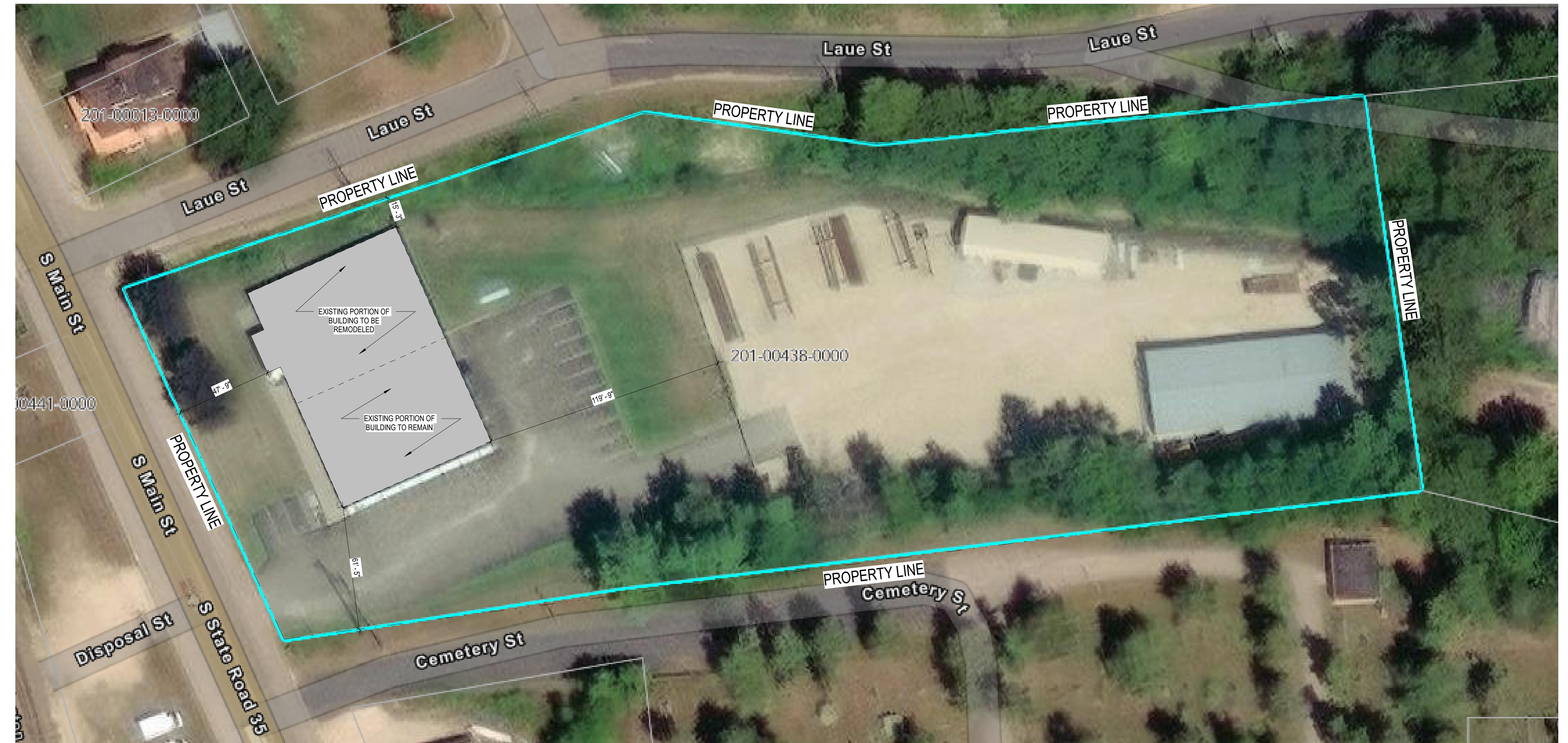


1 KNEE AND TOE CLEARANCE

1/4" = 1'-0"

1 SITE PLAN

1" = 30'-0"



C201

L&P PROJECT # 25020

SITE PLAN

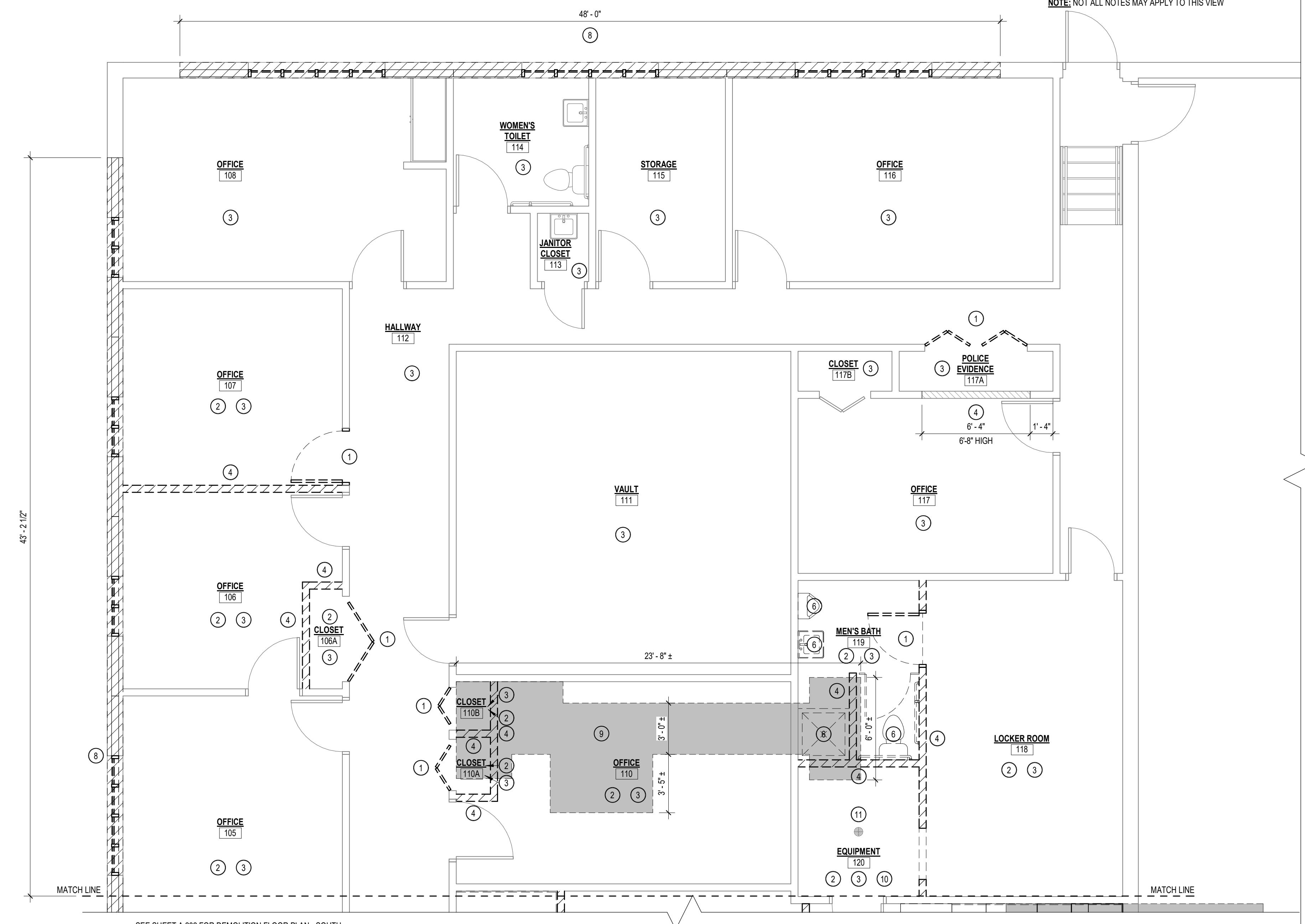
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1 PHASE 1 NORTH - DEMOLITION FLOOR PLAN

1/4 - 1-0

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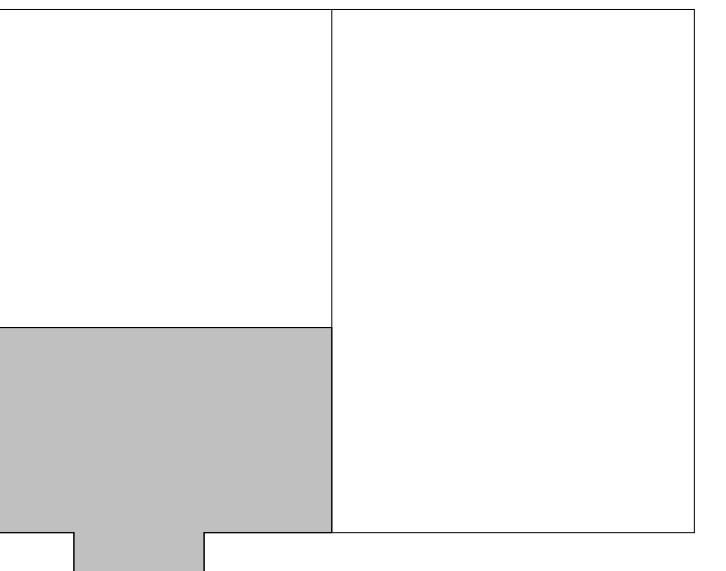
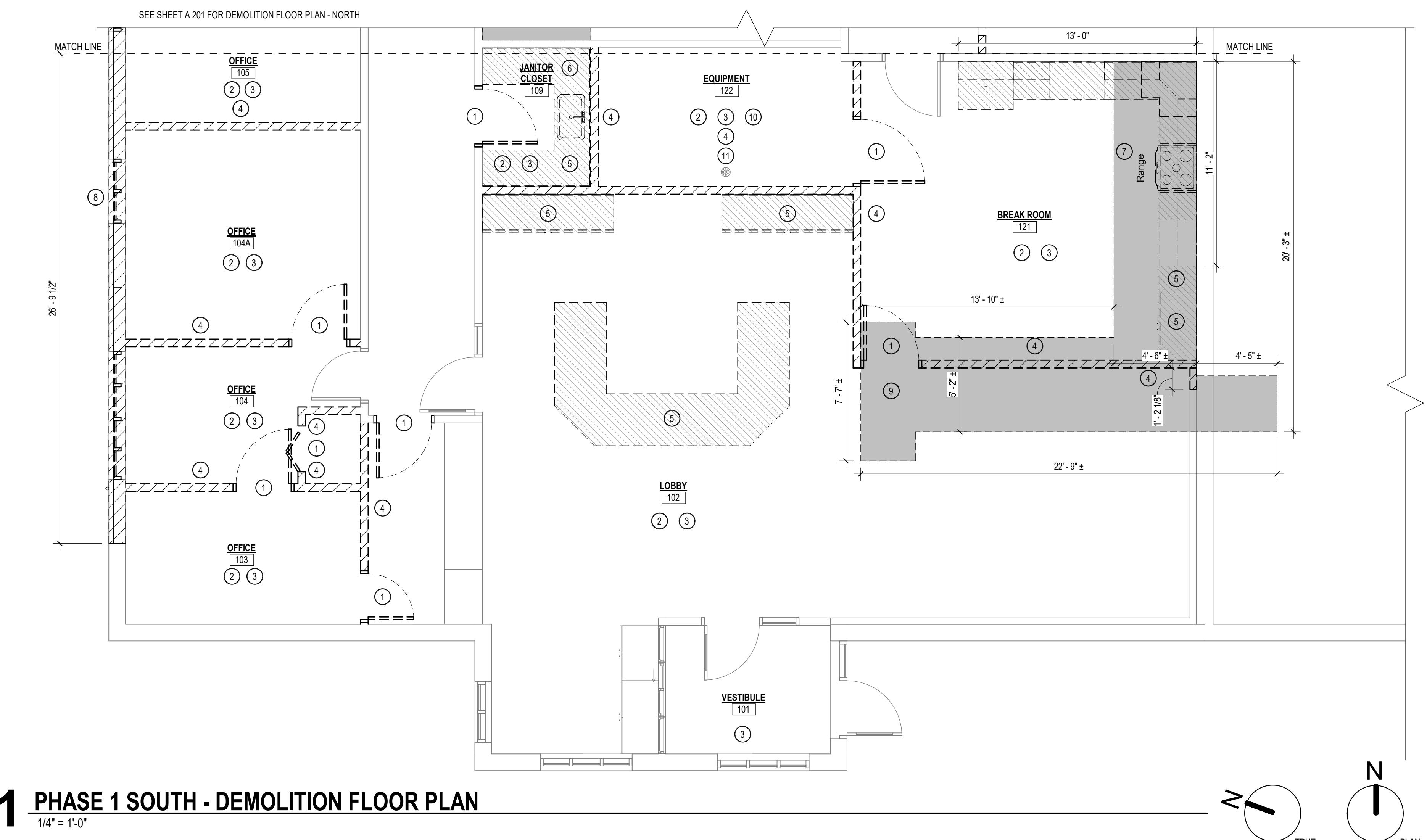
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SOUTH KEY PLAN

KEYED DEMO FLOOR PLAN NOTES:

- 1 REMOVE EXISTING DOOR AND FRAME
- 2 REMOVE EXISTING FLOOR FINISH IN ROOM
- 3 REMOVE EXISTING CEILING AND CEILING FIXTURES IN ROOM
- 4 REMOVE EXISTING WALL FULL HEIGHT, U.N.O.
- 5 REMOVE EXISTING FIXED CASEWORK AND COUNTERTOPS
- 6 REMOVE EXISTING PLUMBING FIXTURE
- 7 REMOVE AND SALVAGE EXISTING CASEWORK, COUNTERTOPS, AND APPLIANCES FOR REINSTALLATION
- 8 REMOVE EXISTING WINDOW SYSTEM
- 9 HATCH INDICATES EXTENTS OF CONCRETE REMOVAL FOR INSTALLATION OF PLUMBING ROUGH INS, COORDINATE WITH PLUMBING
- 10 ALL EXISTING MECHANICAL EQUIPMENT TO BE REMOVED, COORDINATE WITH MECHANICAL
- 11 EXISTING FLOOR DRAIN TO BE CAPPED

NOTE: ALL EXISTING INTEGRAL TRANSFER AIR OPENINGS ABOVE DOORS TO BE REMOVED

NOTE: NOT ALL NOTES MAY APPLY TO THIS VIEW

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PHASE 1 SOUTH -
DEMOLITION FLOOR
PLAN

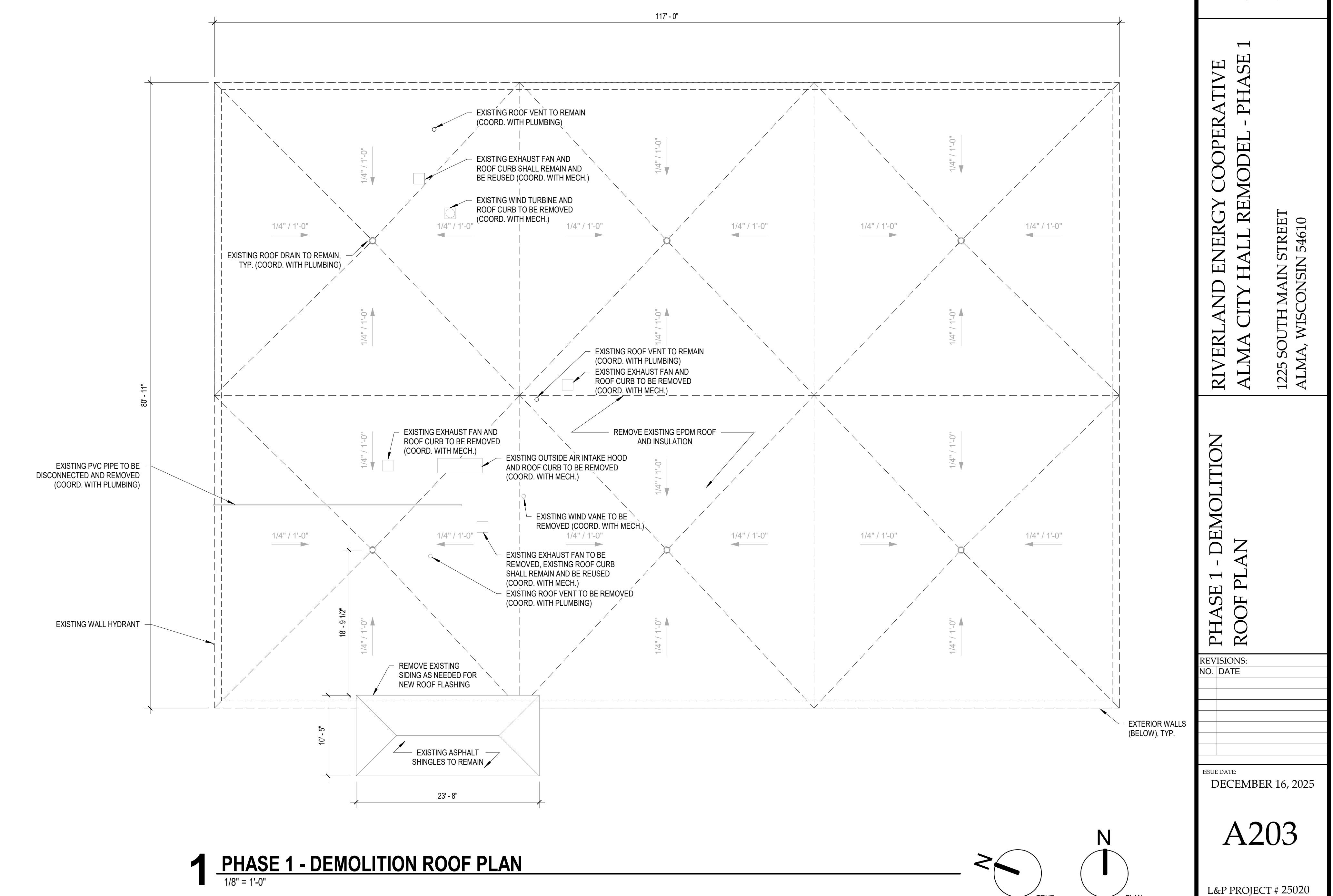
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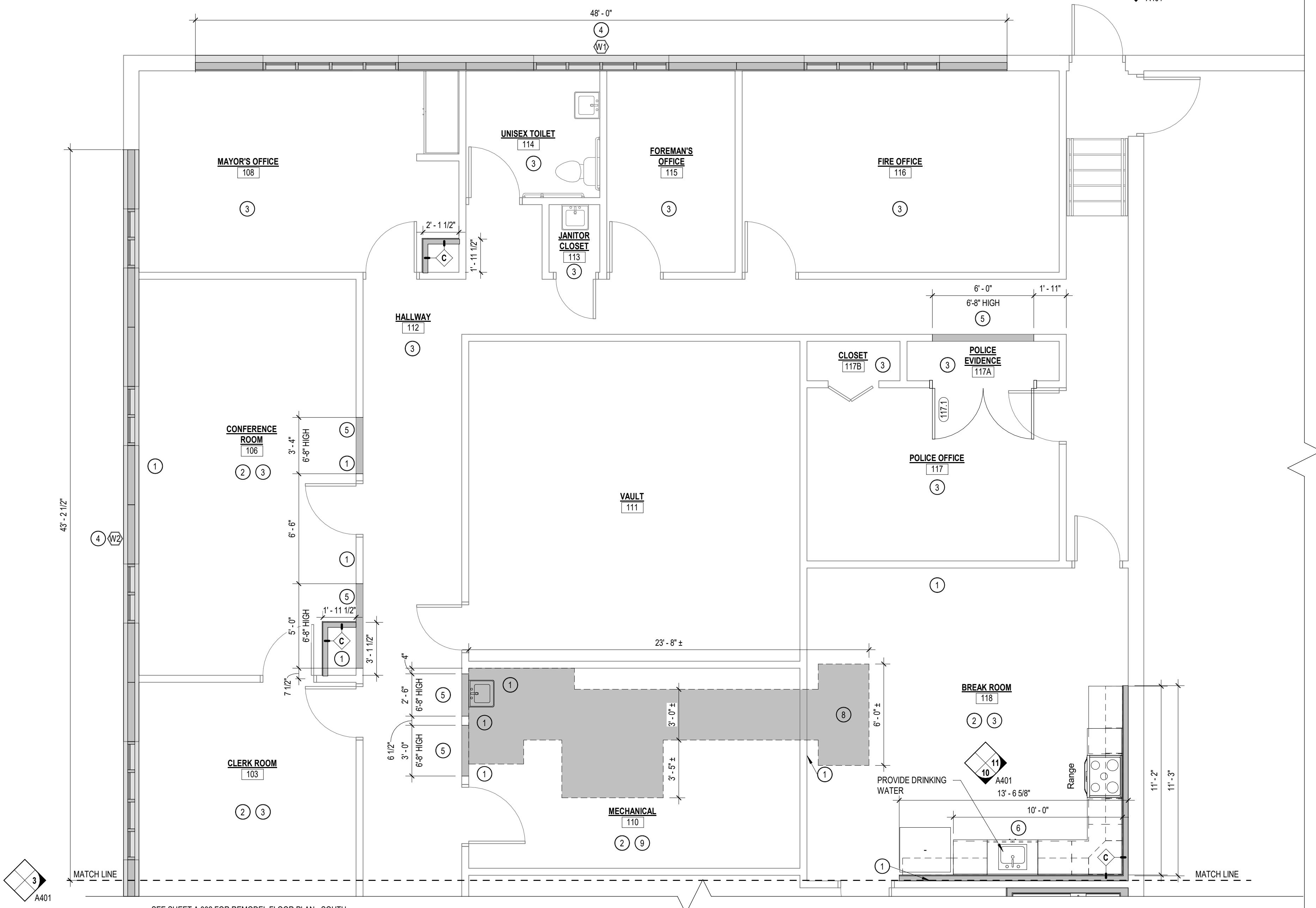
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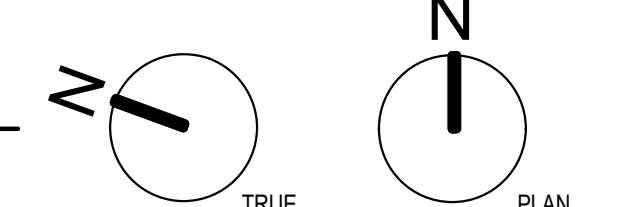
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1 PHASE 1 NORTH - REMODEL FLOOR PLAN

1/4" = 1'-0"



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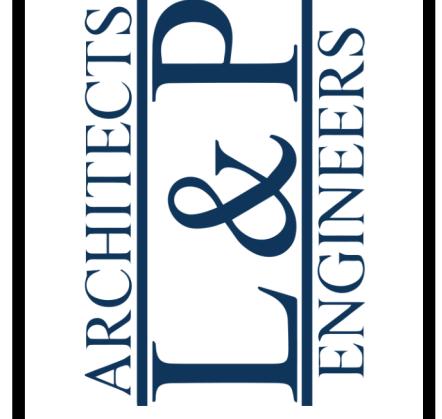
PHASE 1 NORTH - REMODEL FLOOR PLAN

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A301

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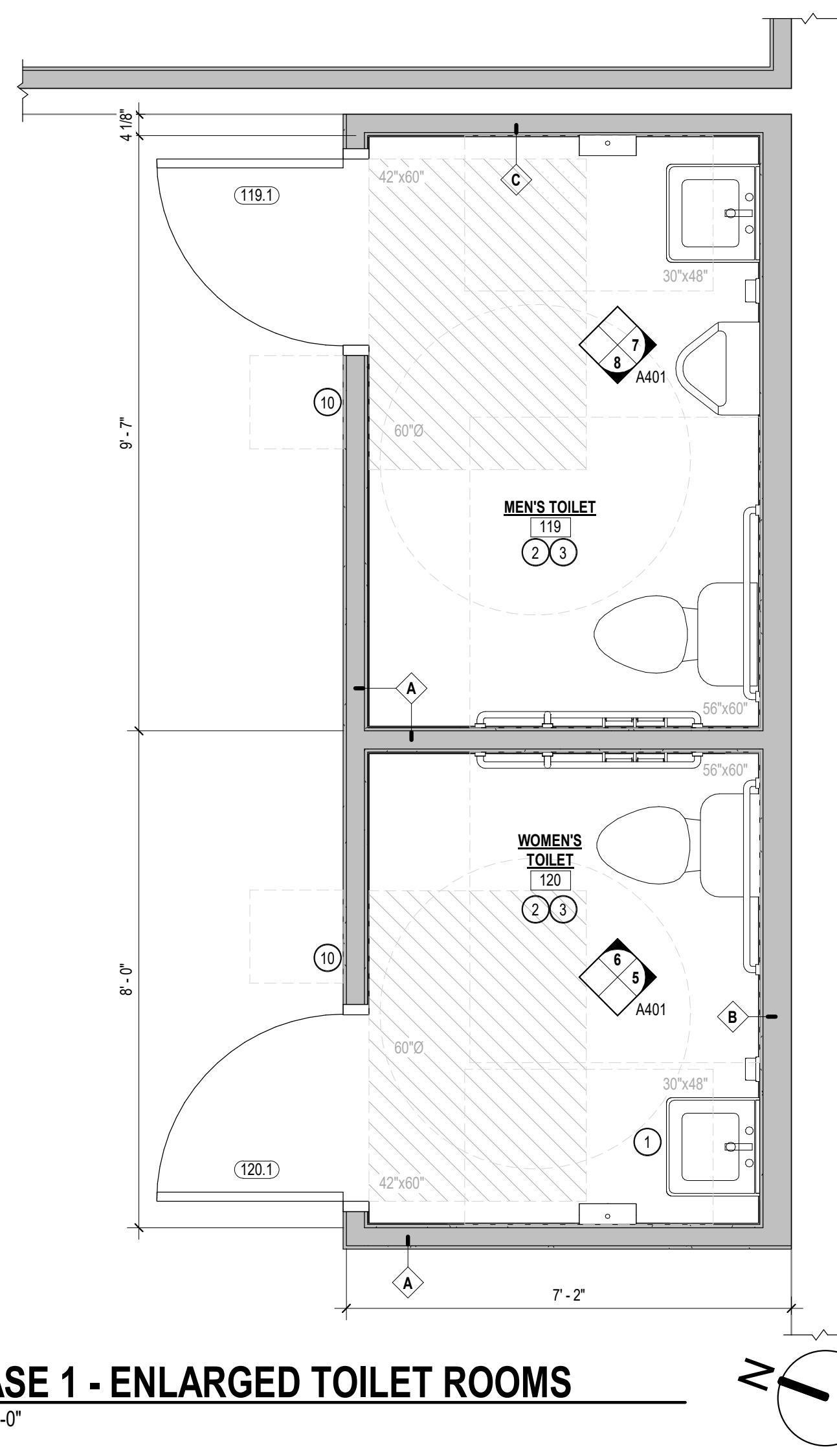


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2 PHASE 1 - ENLARGED TOILET ROOMS

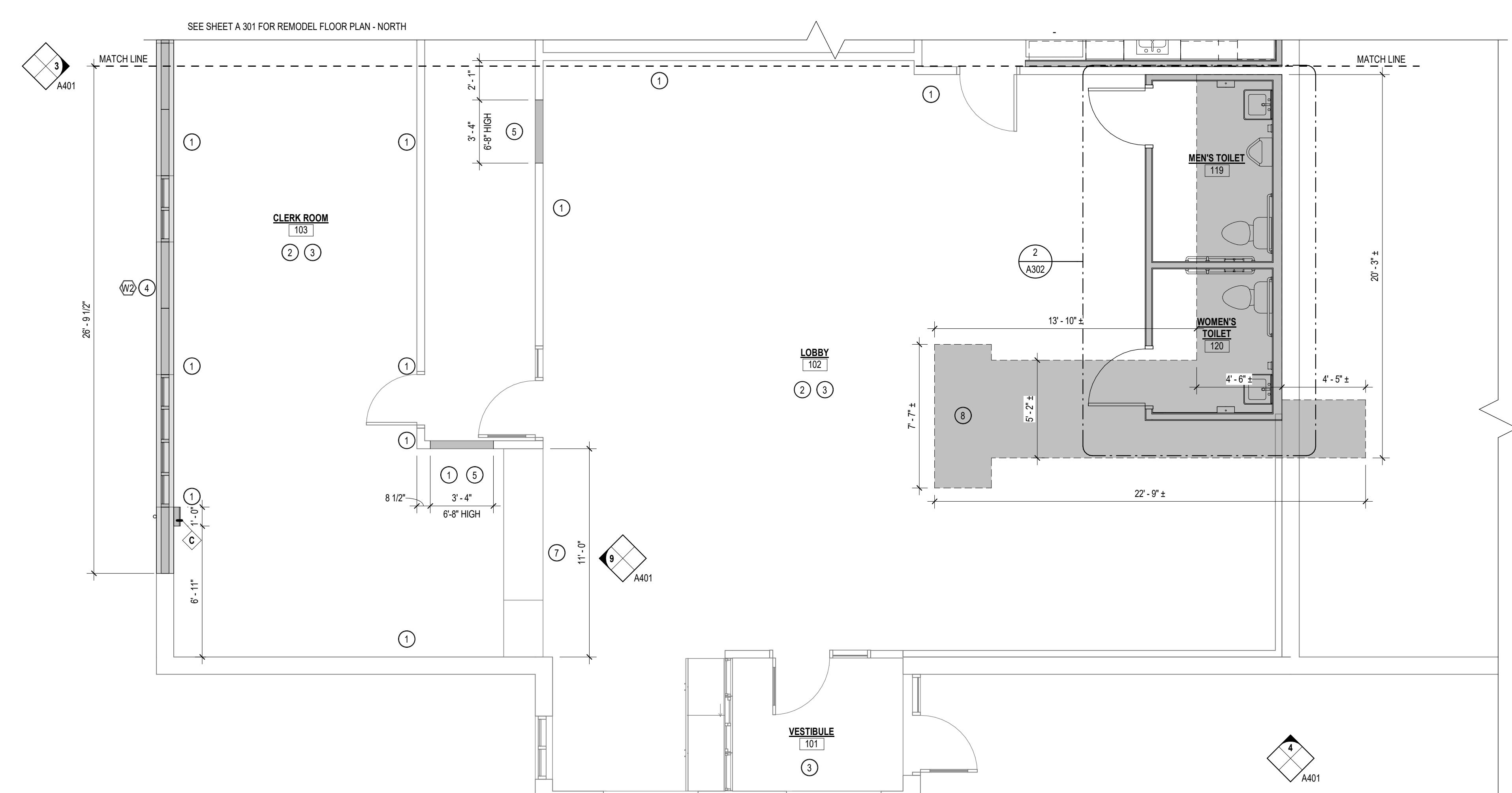
1/2" = 1'-0"



N
TRUE
PLAN

1 PHASE 1 SOUTH - REMODEL FLOOR PLAN

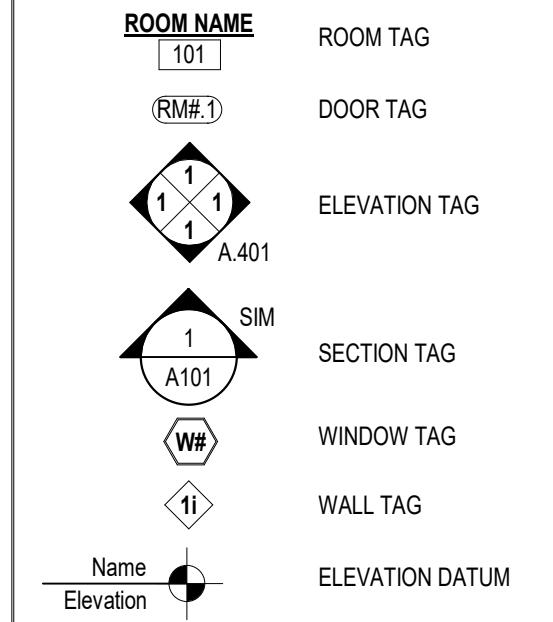
1/4" = 1'-0"



N
TRUE
PLAN

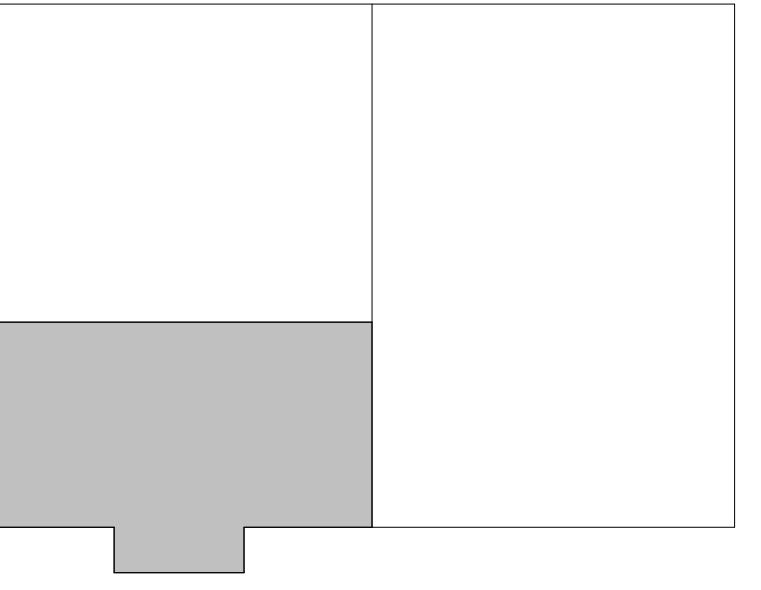
A302

FLOOR PLAN LEGEND:



KEYED FLOOR PLAN NOTES:

- PATCH WALL WHERE WALL WAS REMOVED. INFILL WITH CMU
- INSTALL NEW FLOOR FINISH AND BASE, SEE ROOM FINISH SCHEDULE ON SHEET A304
- INSTALL NEW CEILING, SEE SHEET A701
- INSTALL NEW WINDOW SYSTEM
- INFILL WALL WHERE DOOR WAS REMOVED, MATCH EXISTING FINISH
- INSTALL SALVAGED CASEWORK AND APPLIANCES
- INSTALL CLERK COUNTER SAFETY GLASS, SEE DETAIL 9/A401
- HATCH INDICATES EXTENTS OF NEW CONCRETE FLOOR, COORDINATE WITH PLUMBING
- INSTALL NEW MECHANICAL EQUIPMENT, COORDINATE WITH MECHANICAL
- PROVIDE ADA COMPLIANT ROOM IDENTIFICATION SIGNAGE AT EXTERIOR OF TOILET ROOM



SOUTH KEY PLAN

GENERAL FLOOR PLAN NOTES:

- INTERIOR AND EXTERIOR DIMENSIONS:
- EXTERNAL CLAY TILE WALLS: FACE OF EXTERIOR SIDE OF CLAY TILE
- OPENING DIMES OF C/PENING
- INTERIOR STUD WALLS: FACE OF STUD, NOMINAL
- INTERIOR CLAY TILE WALLS: FACE OF CLAY TILE WALL, NOMINAL
- WOOD BLOCKING:
- PROVIDE SOLID WOOD BLOCKING FOR ALL WALL AND SOFFIT MOUNTED PRODUCTS AND EQUIPMENT INDICATED ON DRAWINGS
- PROVIDE CORNER GUARD PROTECTION AT ALL OUTSIDE CORNERS
- DOOR FRAMES SHALL BE LOCATED 4 1/2" FROM ADJACENT WALL UNLESS OTHERWISE NOTED.
- GPDW @ WALLS TO HAVE CONTROL JOINTS @ 20'-0" O.C. MAX., TYP.
- REQUIRED ADA CLEARANCES AT PLUMBING FIXTURES DENOTED WITH DASHED LINES
- PROVIDE ALL ADA COMPLIANT ROOM SIGNAGE, UNLESS OTHERWISE NOTED. ROOM SIGNAGE SHALL BE MOUNTED PER T/G/103
- ALL EXISTING SINK FIXTURES NEED PIPE PROTECTION PROVIDED.

NOTE: NOT ALL NOTES MAY APPLY TO THIS VIEW

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PHASE 1 SOUTH - REMODEL FLOOR PLAN, ENLARGED PLAN

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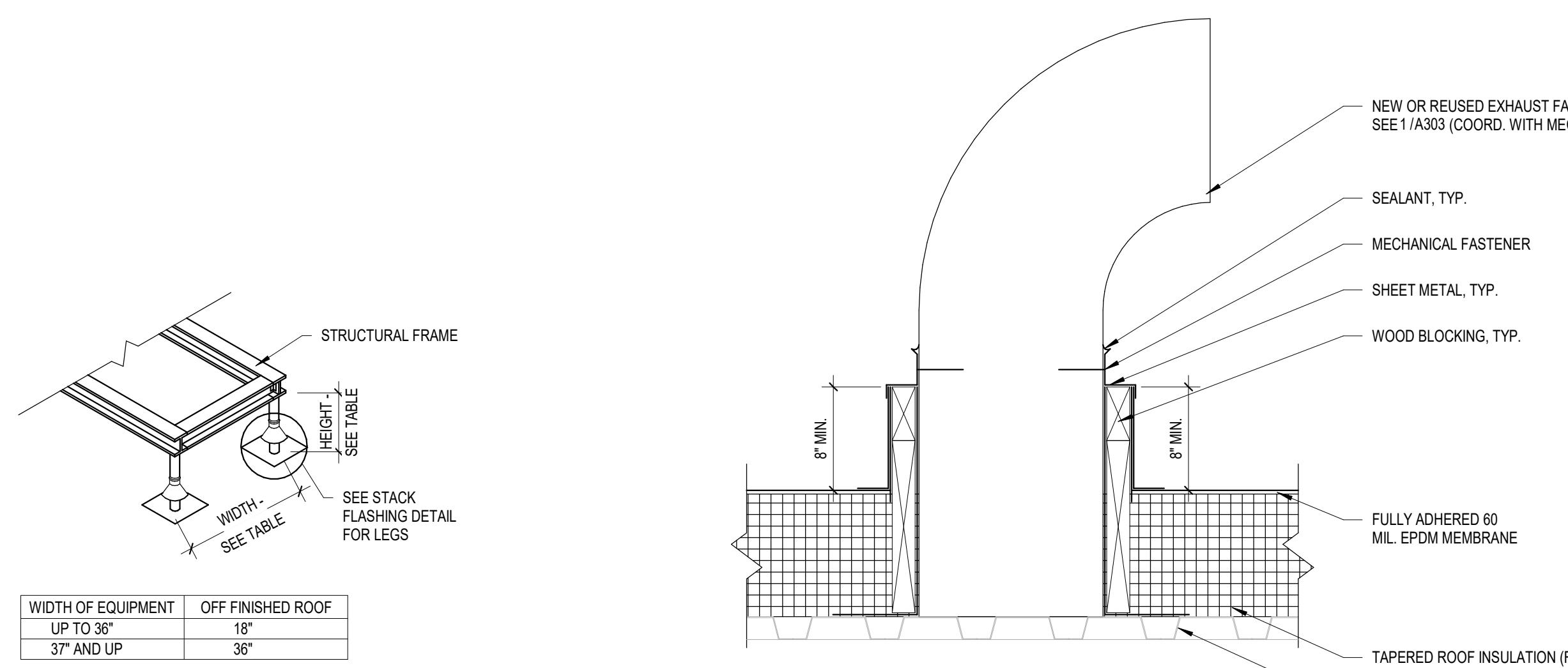
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A302

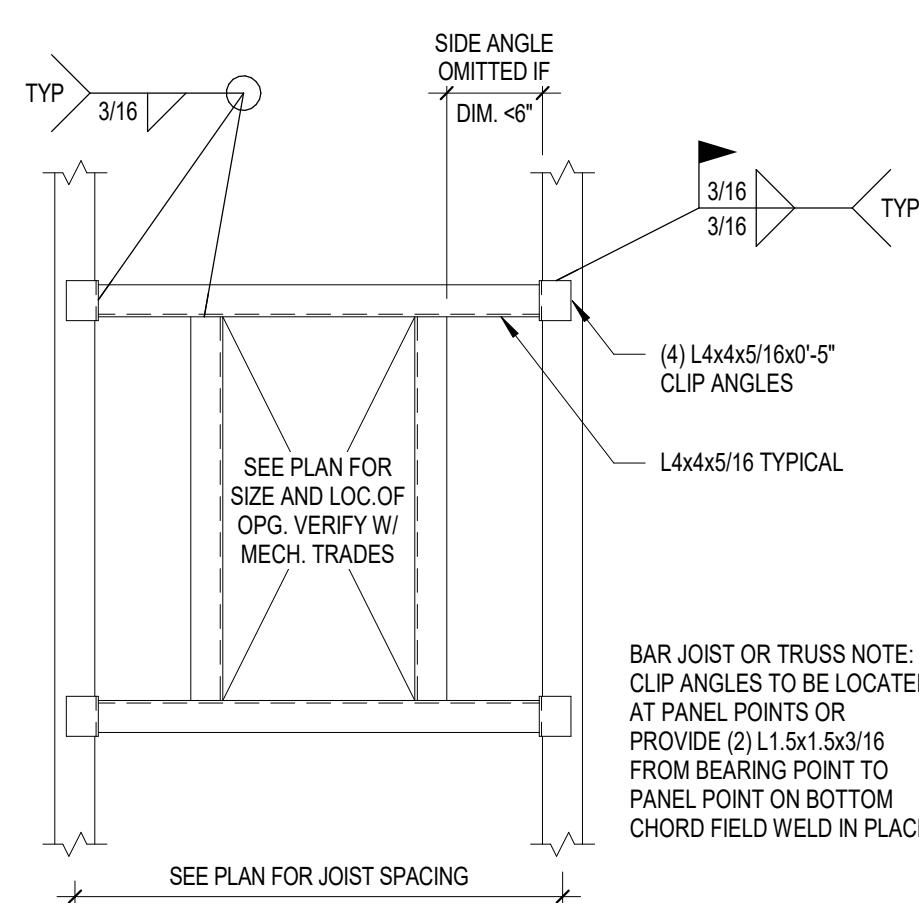
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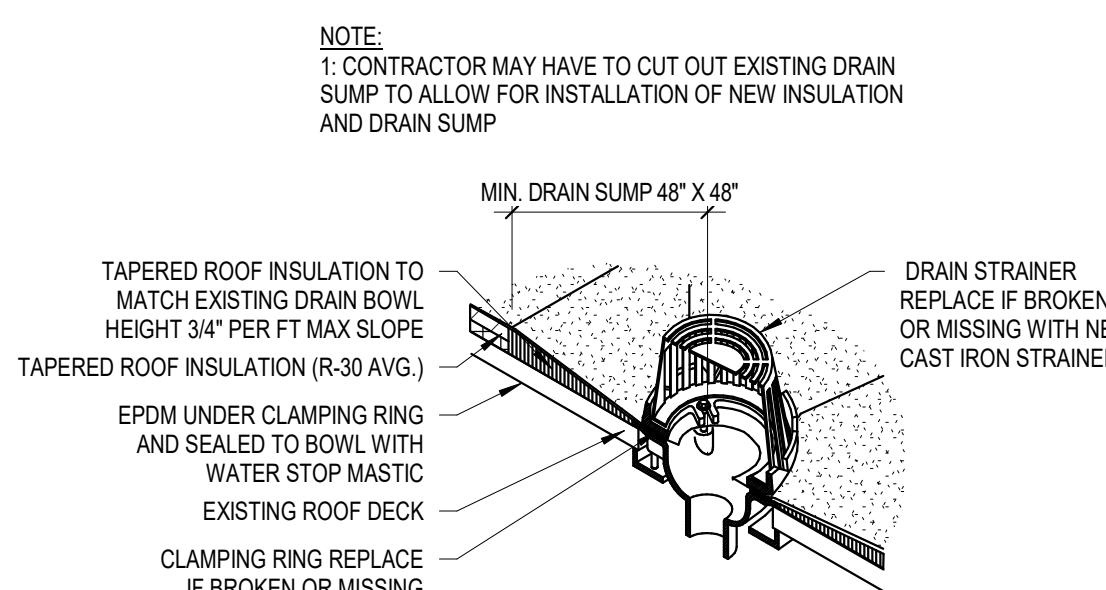
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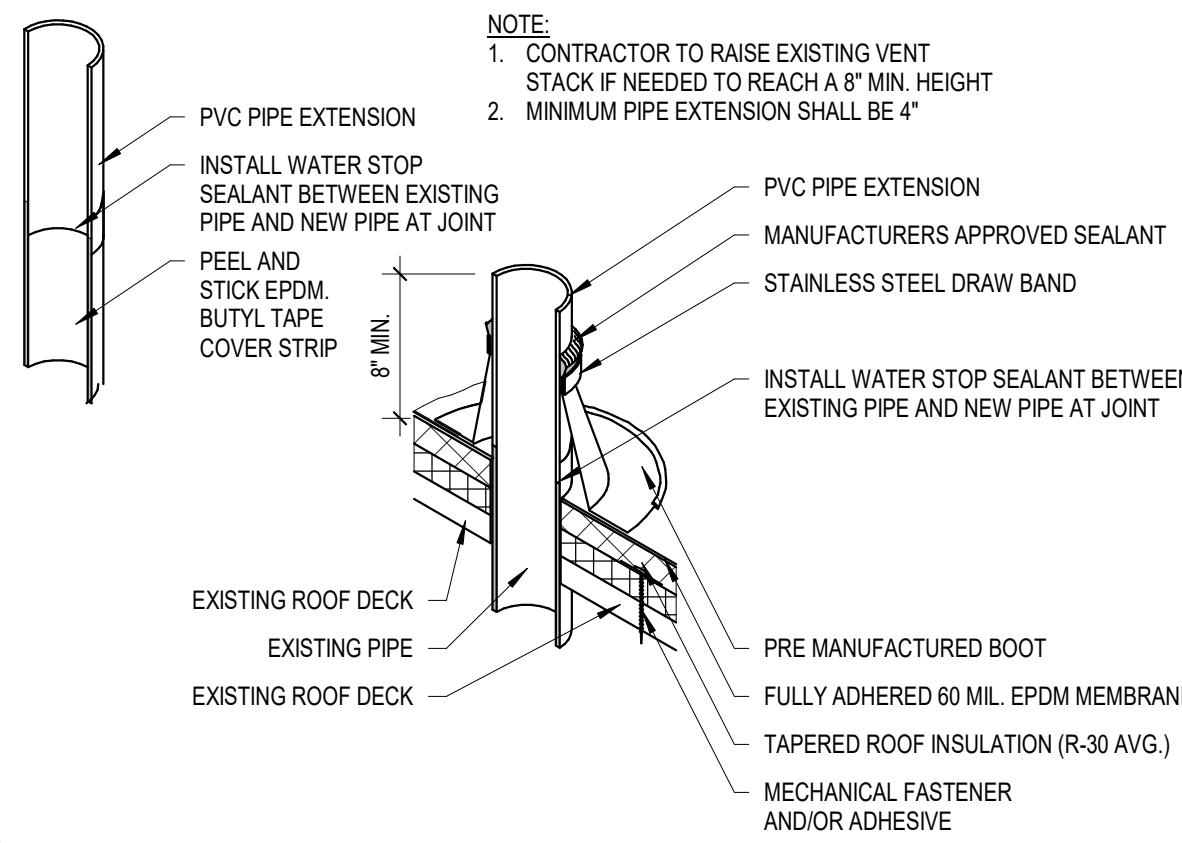
8 TYP. EQUIPMENT SUPPORT STAND DETAIL



7 TYP. ROOF OPENING FRAME DETAIL



6 TYP. ROOF DRAIN DETAIL

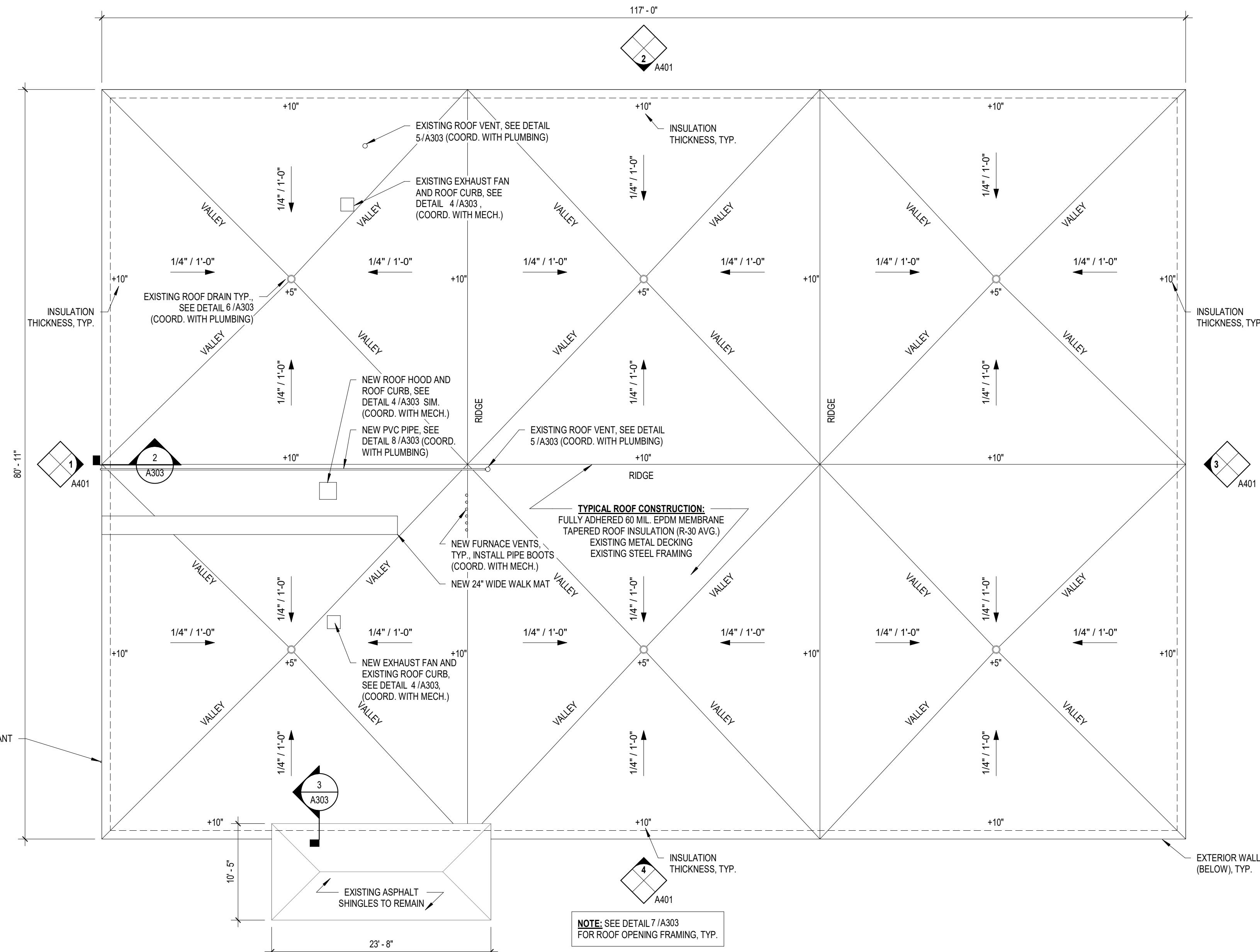


5 TYP. VENT STACK DETAIL

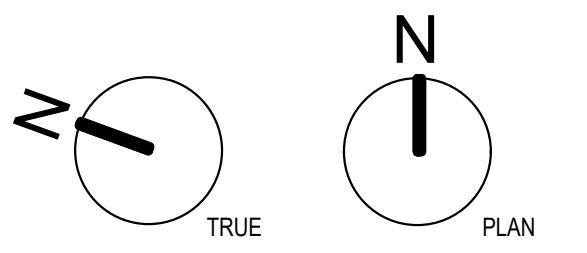


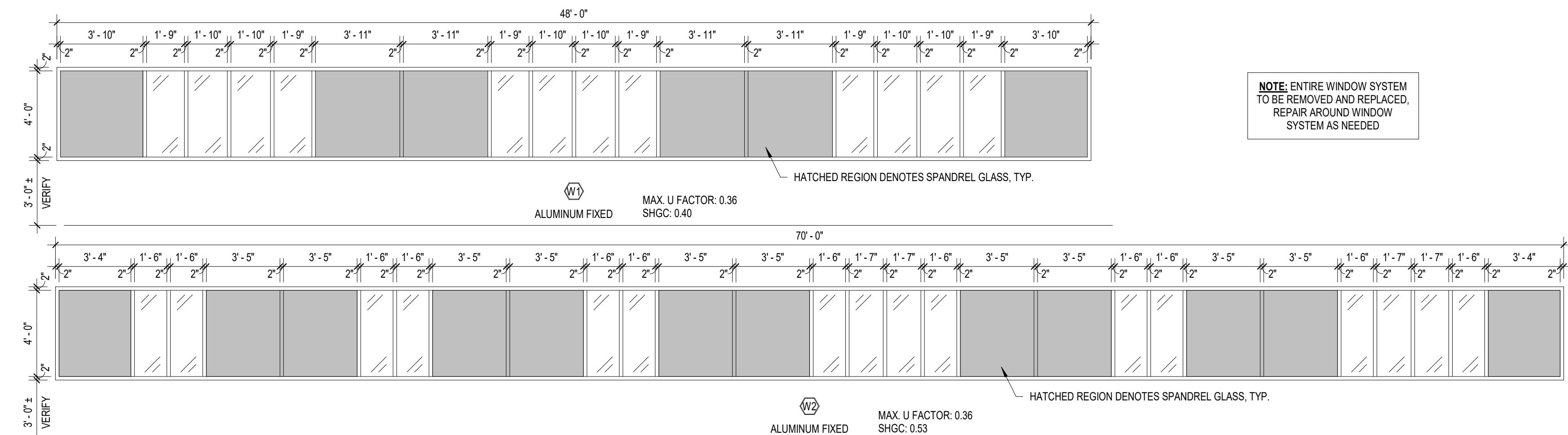
This technical diagram illustrates a cross-section of a building's roof and exterior wall, showing the transition from an existing structure to a new addition. The left side shows the roof system, featuring a sloped roof with a partially removed shingle layer, an existing sub fascia, and an existing wall. Labels include: 'EXISTING ROOF SYSTEM TO REMAIN', 'EXISTING SUB FASCIA', 'EXISTING WALL', 'FLASH INTO EXISTING WALL, PATCH AS NEEDED', 'EXISTING WOOD BLOCKING', 'ROOF BEARING 110' - 4"', and 'EXISTING WALL'. The right side shows the exterior wall, which is being replaced. Labels include: 'FULLY ADHERED 60 MIL. EPDM MEMBRANE', 'TAPERED ROOF INSULATION (R-30 AVG.)', '(2) LAYERS 3/4" PLYWOOD', 'EXISTING METAL DECKING', 'WOOD BLOCKING TO MATCH INSULATION HEIGHT', 'PRE-FINISHED METAL DRIP EDGE', 'ROOF BEARING 110' - 4"', 'EXISTING BRICK VENEER', 'EXISTING EXTERIOR WALL', and 'EXISTING STEEL FRAMING'. A dimension line indicates a height of 110' - 4" for the roof bearing.

3 ROOF EDGE @ VESTIBULE



1 PHASE 1 - PROPOSED ROOF PLAN





4 PHASE 1 - WINDOW TYPES

1/4" = 1'-0"

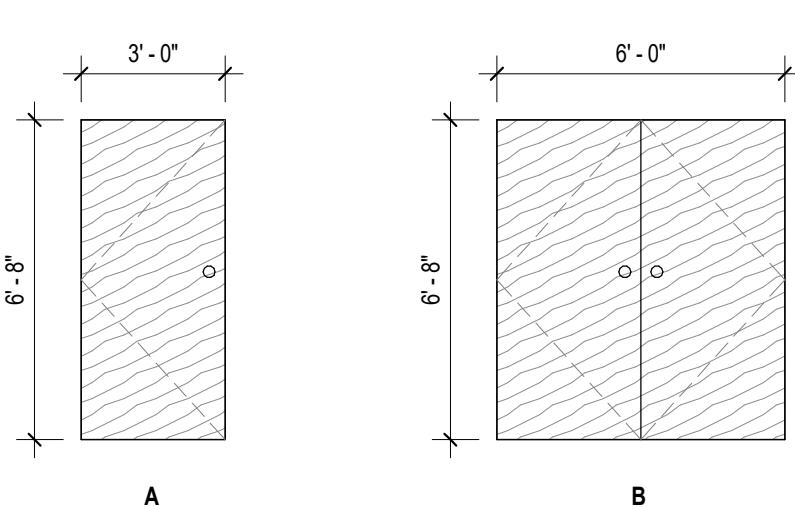
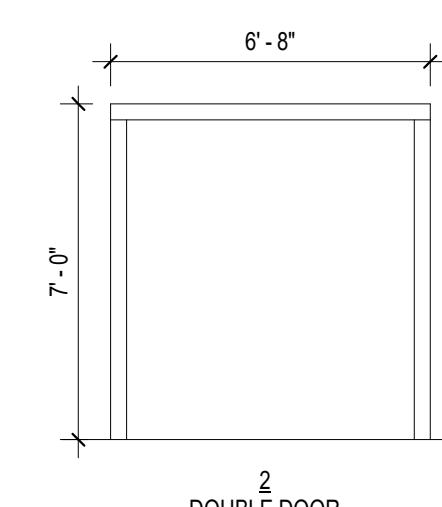
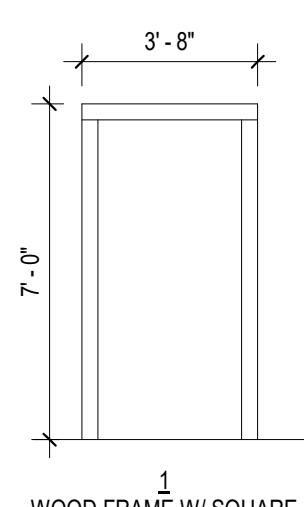
PHASE 1 - WINDOW SCHEDULE						
MARK	WIDTH	HEIGHT	SILL HEIGHT	DETAIL		
				HEAD	JAMB	SILL
W1	48'-0"	4'-4"	3'-0"	3/A501	2/A501	1/A501
W2	70'-0"	4'-4"	3'-0"	3/A501	2/A501	1/A501

PHASE 1 - DOOR SCHEDULE						
NO.	TYPE	DOOR	FRAME	DOOR MANEUVERING CLEARANCES (SEE 3/C103)	DETAIL	
					HEAD	JAMB
117.1	B	6'-0" x 6'-8"	0'-1 3/4"	2 5/A501 4/A501	-	A.F. GROUP 2
119.1	A	3'-0" x 6'-8"	0'-1 3/4"	1 5/A501 4/A501	B.G. A.F.	GROUP 1
120.1	A	3'-0" x 6'-8"	0'-1 3/4"	1 5/A501 4/A501	B.G. A.F.	GROUP 1

DOOR HARDWARE GROUPS:

GROUP 1 - INT. SGL. PRIVACY
1 PRIVACY LOCKSET
3 BALL BEARING HINGES
1 DOOR CLOSER
1 WALL BUMPER

GROUP 2 - INT. DOUBLE, STOREROOM
2 LEVER HANDLE, STOREROOM LOCKSET
6 BALL BEARING HINGES
PROVIDE CARD ACCESS



3 PHASE 1 - FRAME TYPES

1/4" = 1'-0"

2 PHASE 1 - DOOR TYPES

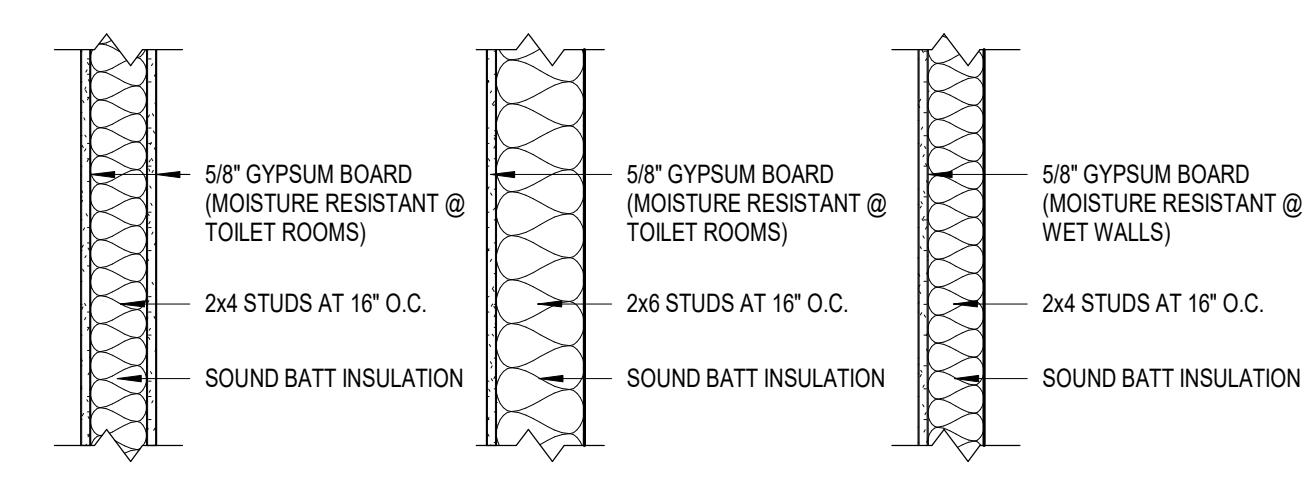
1/4" = 1'-0"

PHASE 1 - ROOM FINISH SCHEDULE							
NO.	NAME	FLOOR FINISH	BASE FINISH	WALL FINISH			
				NORTH	EAST	SOUTH	WEST
101	VESTIBULE	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
102	LOBBY	CPT. WOOD	GPDW / PNT	GPDW / PNT	GPDW / PNT	GPDW / PNT	GPDW / PNT
103	CLERK ROOM	CPT. WOOD	GPDW / PNT	GPDW / PNT	GPDW / PNT	GPDW / PNT	GPDW / PNT
104	CONFERENCE ROOM	CPT. WOOD	GPDW / PNT	GPDW / PNT	GPDW / PNT	GPDW / PNT	GPDW / PNT
108	MAYOR'S OFFICE	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
110	MECHANICAL	LVT	EXIST.	GPDW / PNT	GPDW / PNT	GPDW / PNT	GPDW / PNT
111	VAULT	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
112	HALLWAY	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
113	JANITOR CLOSET	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
114	UNISEX TOILET	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
115	FOREMAN'S OFFICE	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
116	FIRE OFFICE	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
117	POLICE OFFICE	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
117A	POLICE EVIDENCE	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
117B	CLOSET	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
118	BREAK ROOM	LVT VINYL	GPDW / PNT	GPDW / PNT	GPDW / PNT	GPDW / PNT	GPDW / PNT
119	MEN'S TOILET	C.T.-1 C.T.-2	W.R. GPDW / PNT	W.R. GPDW / EPNT	W.R. GPDW / PNT	W.R. GPDW / PNT	W.R. GPDW / PNT
120	WOMEN'S TOILET	C.T.-1 C.T.-2	W.R. GPDW / PNT	W.R. GPDW / EPNT	W.R. GPDW / PNT	W.R. GPDW / PNT	W.R. GPDW / PNT
122	GARAGE	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.

ROOM FINISH SCHEDULE

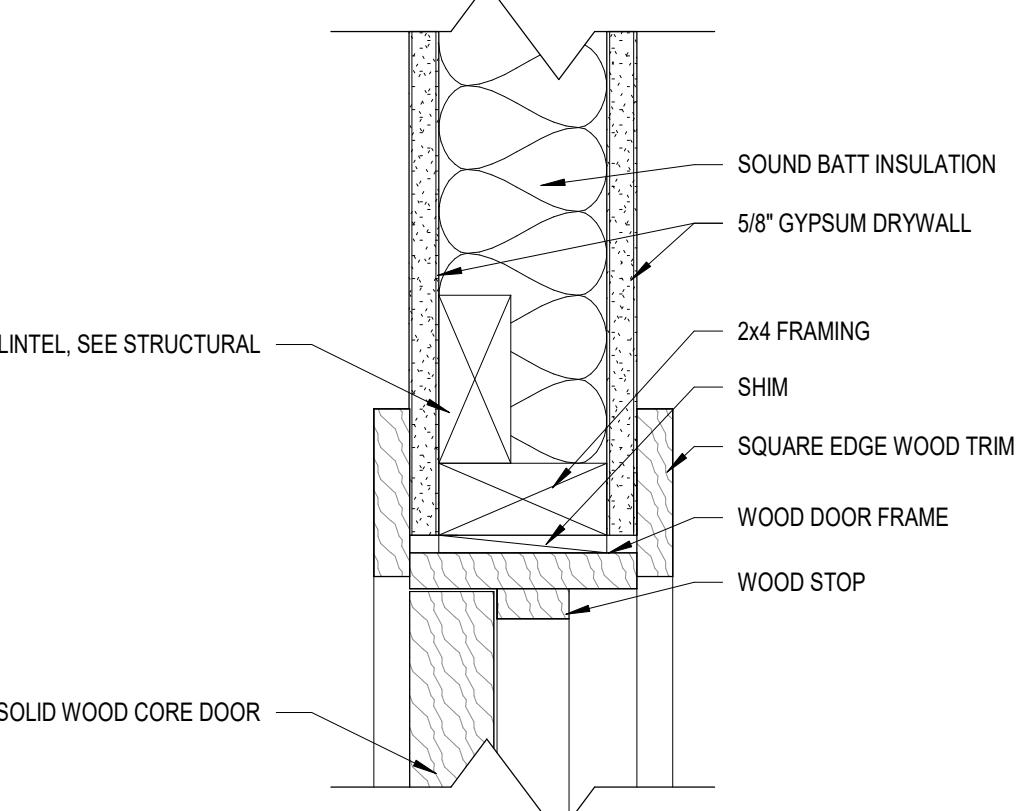
ABBREVIATIONS:

ACT-1 2x2 ACOUSTIC CEILING TILE WITH GRID W/ HOLD DOWN CLIPS
ACT-2 2x2 VINYL WRAPPED ACOUSTIC CEILING TILE WITH GRID
CPT. CARPET
CT-1 CERAMIC FLOOR TILE
CT-2 CERAMIC BASE TILE
EPNT EPOXY PAINT
EXP. STR. EXPOSED STRUCTURE
GPDW 5/8" GYPSUM DRYWALL
PNT PAINT
LVT LUXURY VINYL FLOOR TILE
VINYL 4" VINYL BASE
WOOD 4" WOOD BASE TRIM
W.R. GPDW 5/8" WATER RESISTANT GPDW

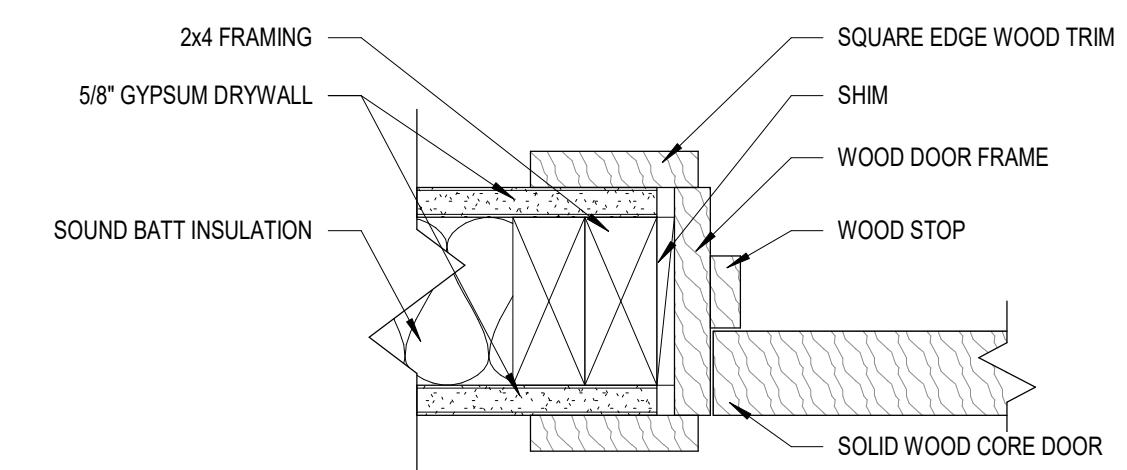


1 PHASE 1 - WALL TYPES

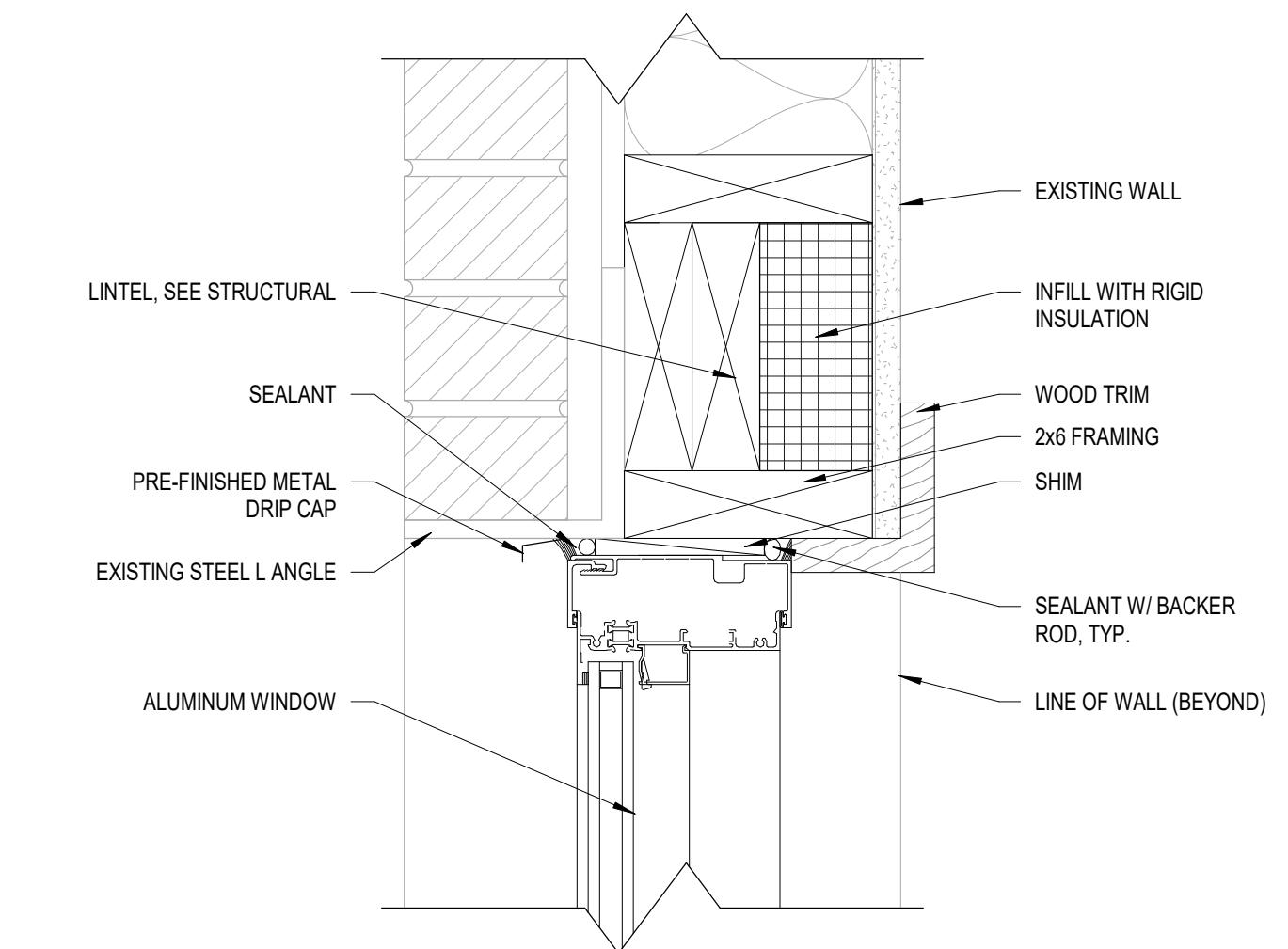
1/4" = 1'-0"



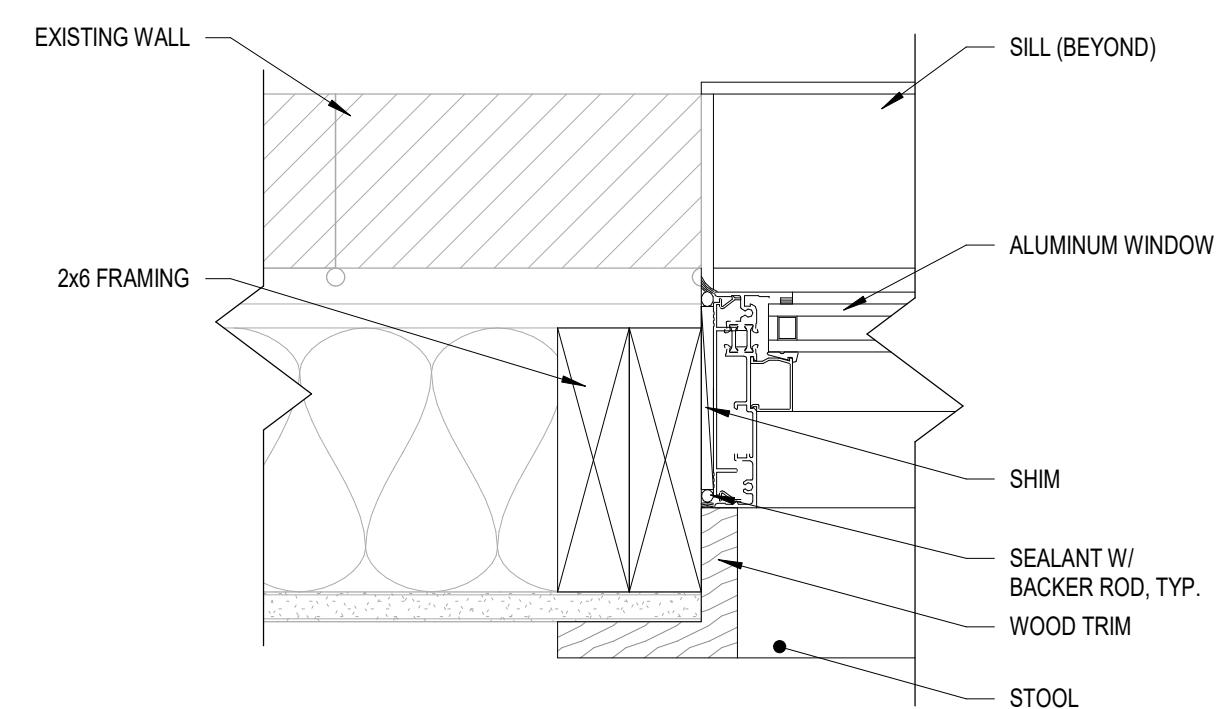
5 INT. WOOD DOOR HEAD
3" = 1'-0"



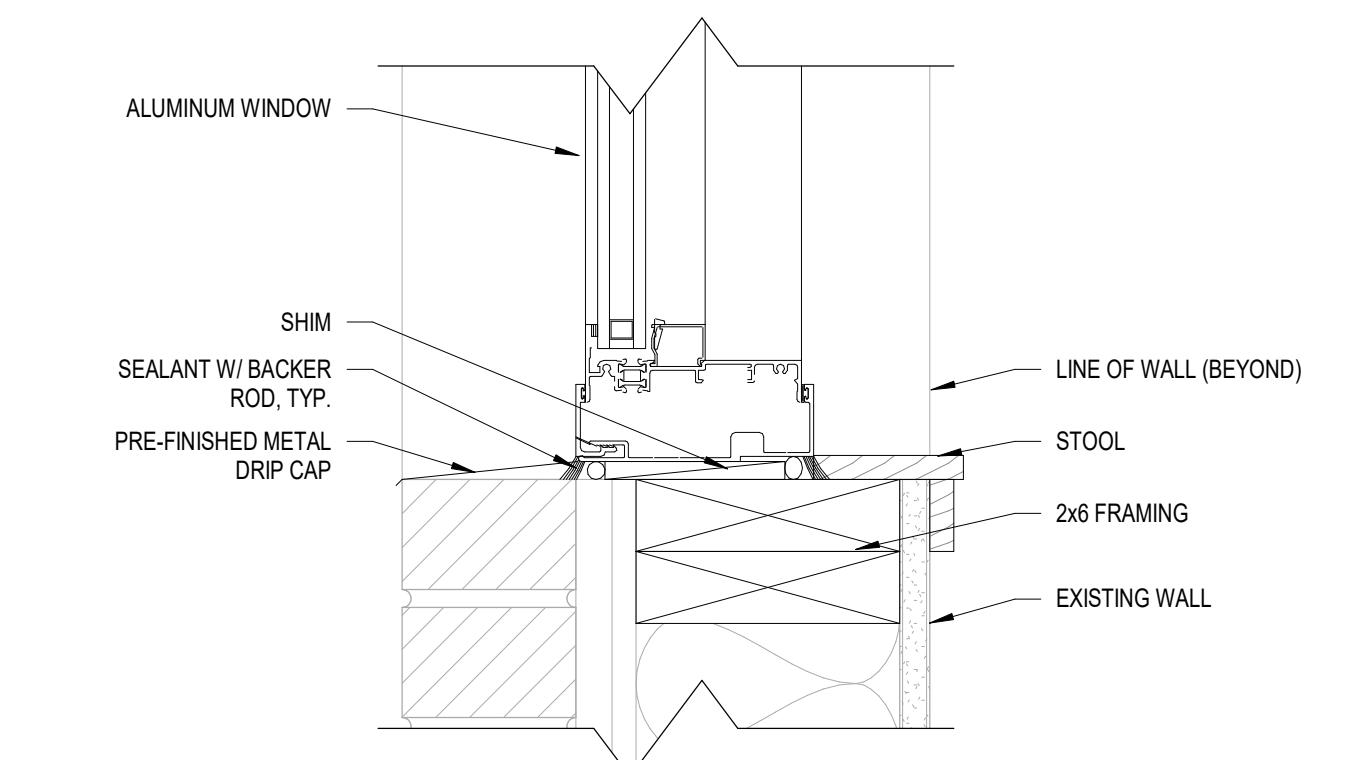
4 INT. WOOD DOOR JAMB
3" = 1'-0"



3 ALUM. WINDOW HEAD
3" = 1'-0"



2 ALUM. WINDOW JAMB
3" = 1'-0"



1 ALUM. WINDOW SILL
3" = 1'-0"

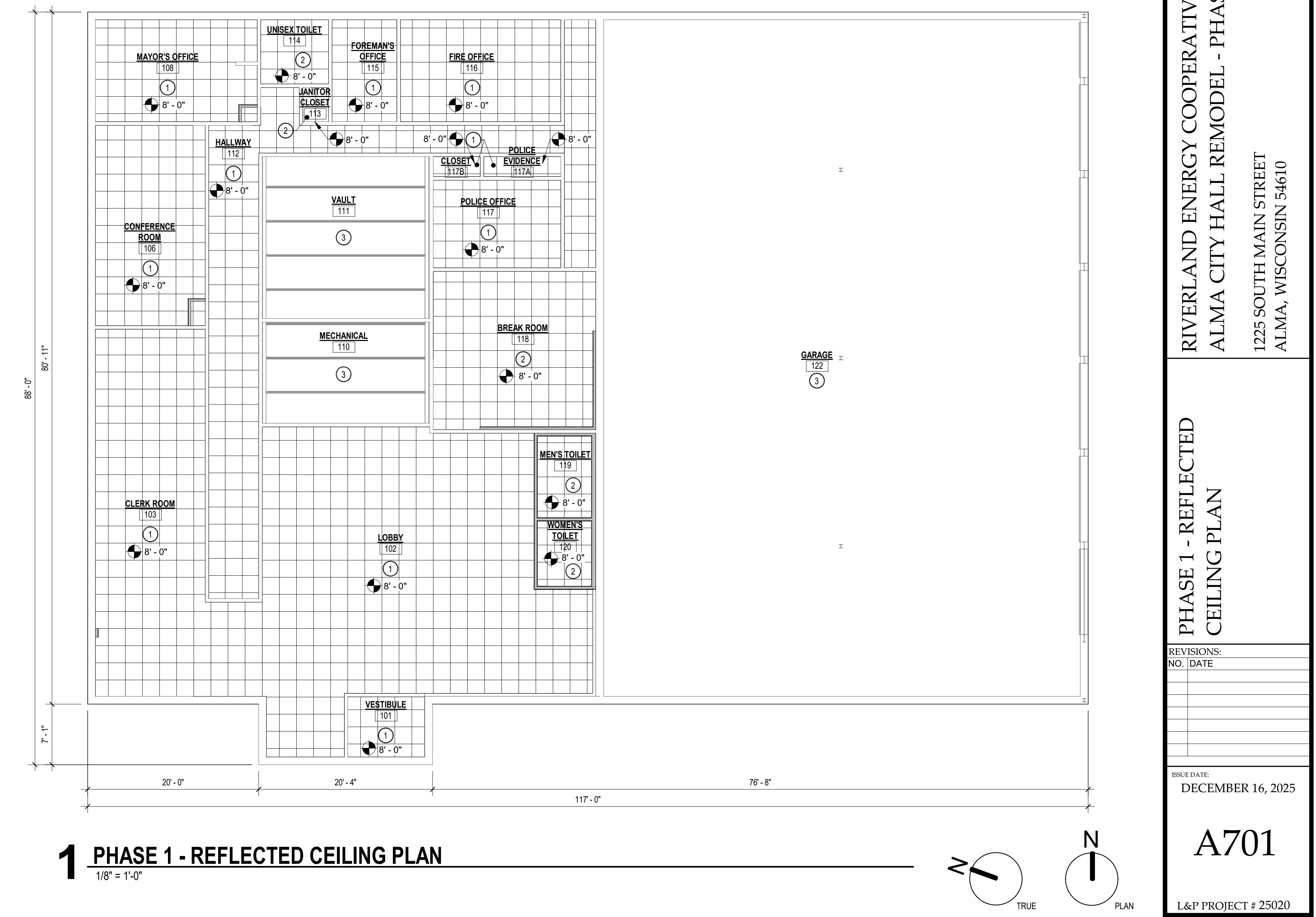
LIEN & PETERSON ARCHITECTS, INC
4675 ROYAL DRIVE
EAU CLAIRE, WI
TELEPHONE
EMAIL
3" = 1'-0"

RIVERLAND ENERGY COOPERATIVE
ALMA CITY HALL REMODEL - PHASE 1
1225 SOUTH MAIN STREET
ALMA, WISCONSIN 54610

PHASE 1 - DOOR AND
WINDOW DETAILS

REVISIONS:
NO. DATE
ISSUE DATE:
DECEMBER 16, 2025

A501



CIRCULATING PUMP SCHEDULE

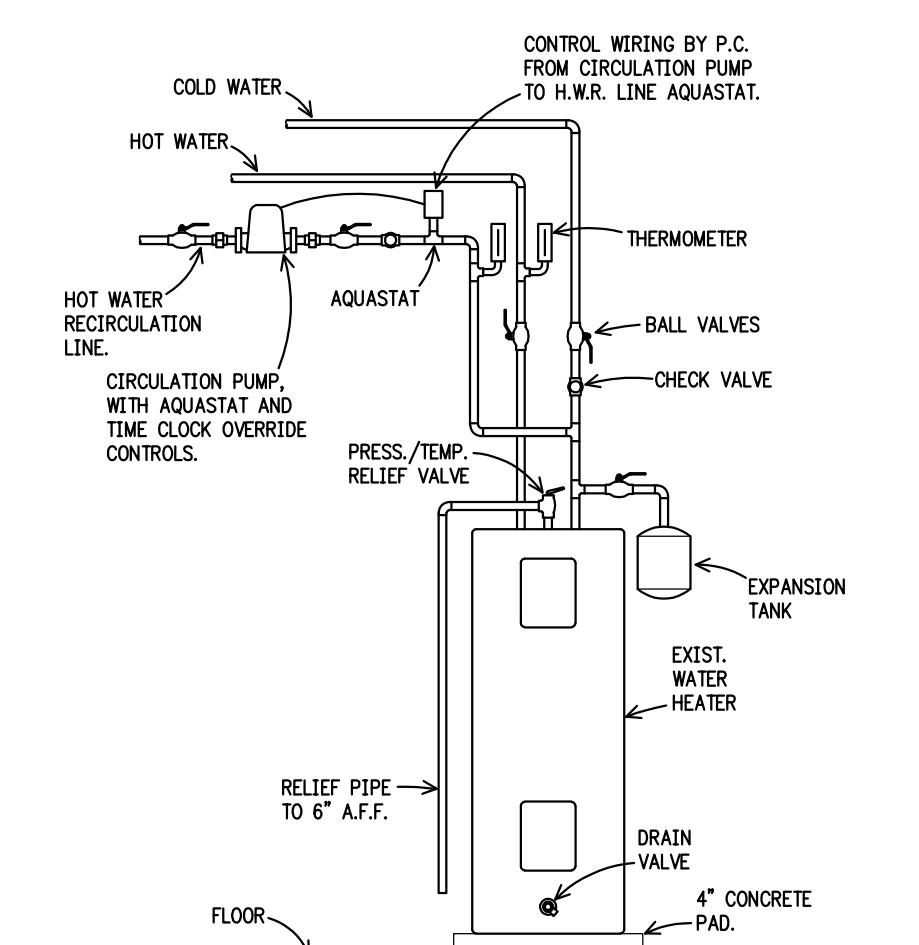
UNIT NO.	ROOM NO.	SERVICE	TYPE	G.P.M.	HEAD	WATTS	ELECTRICAL CHARACTERISTICS	R.P.M.	REPR. MFGR. & MODEL NO.	REMARKS
DWCP-1	MECH 110	DOMESTIC	INLINE BRONZE	0.5	4.0	VARIES	115/1	-	B & G E3-4V / BTXYZ	①

① FILE BALANCE REPORT WITH O & M MANUALS.

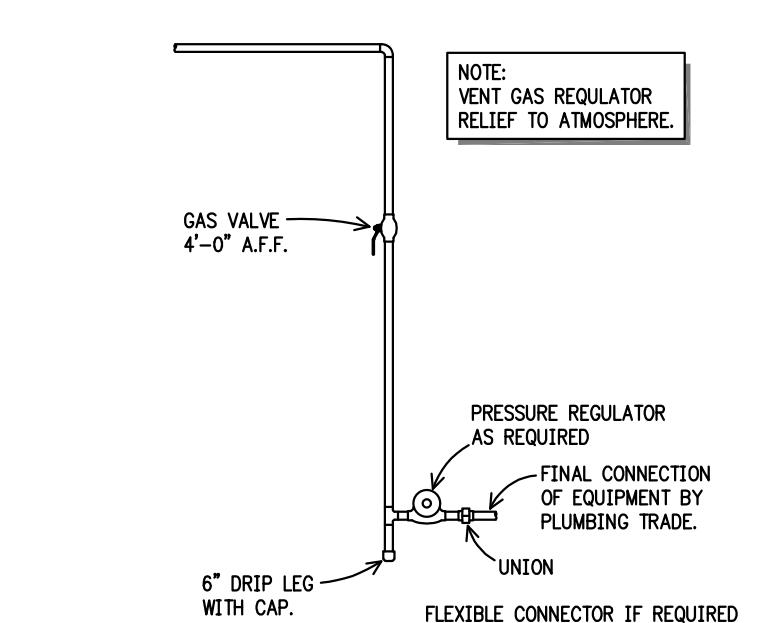
EXPANSION TANK SCHEDULE

UNIT NO.	ROOM NO.	TANK SIZE	DIA.	HEIGHT	SYSTEM CONN.	REPR. MFGR. & MODEL NO.	REMARKS
ET-1	MECH 110	2.0 GALLON	10"	10"	3/4"	AMTROL THERM-X-TROL ST-12	

WATER CALCULATIONS	
INFORMATION REQUIRED TO CALCULATE WATER SERVICE SIZE	
1. DEMAND OF BUILDING IN GALLONS PER MINUTE.	NSFUs 42 = (GPM) 25
2. DIFFERENCE IN ELEVATION FROM MAIN OR EXTERNAL PRESSURE TANK TO BUILDING CONTROL VALVE. (FEET) 10	
3. SIZE OF WATER METER (WHEN METER IS REQUIRED) (INCHES) 1	
4. DEVELOPED LENGTH FROM MAIN OR EXTERNAL PRESSURE TANK TO BUILDING CONTROL VALVE. (FEET) 100	
5. LOW PRESSURE AT MAIN IN STREET INTERNAL PRESSURE TANK AFTER P.R.V. (PSI) 70	
CALCULATE WATER SERVICE PRESSURE LOSS	
6. LOW PRESSURE AT MAIN IN STREET OR EXTERNAL PRESSURE TANK. (VALUE OF # 5 ABOVE) (PSI) 70	
7. DETERMINE PRESSURE LOSS DUE TO FRICTION IN 1 INCH DIAMETER WATER SERVICE. - (WATER SERVICE PIPING MATERIAL IS TYPE 'K' COPPER) SUBTRACT VALUE OF 77 - 17.5 = 59.5	
8. DETERMINE PRESSURE LOSS DUE TO ELEVATION. - (MULTIPLY THE VALUE OF # 2 ABOVE BY .434) SUBTRACT VALUE OF *8* - 4.3 = 55.2	
9. AVAILABLE PRESSURE AFTER THE BLDG. CONTROL VALVE. (ENTER IN *8* BELOW) SUBTOTAL	48.2
CALCULATE THE PRESSURE AVAILABLE FOR UNIFORM LOSS (VALUE OF "A")	
B. AVAILABLE PRESSURE AFTER THE BLDG. CONTROL VALVE. (FROM *9* ABOVE)	VALUE OF "B" 48.2
C. PRESSURE LOSS OF WATER METER (WHEN METER IS REQUIRED)	SUBTRACT VALUE OF *C* - 10 = 38.2
D. PRESSURE AT CONTROLLING FIXTURE. (CONTROLLING FIXTURE IS WC-2)	SUBTRACT VALUE OF *D* - 25 = 13.2
E. DIFFERENCE IN ELEVATION BETWEEN THE BUILDING CONTROL VALVE AND THE CONTROLLING FIXTURE IN FEET - 1.434 PSI/FT. -	SUBTRACT VALUE OF *E* - 1.434 = 13.2
F. PRESSURE LOSS DUE TO WATER TREATMENT DEVICES, INSTANTANEOUS WATER HEATERS AND BACKFLOW PREVENTERS WHICH SERVE THE CONTROLLING FIXTURE. (PRESSURE LOSS DUE TO _____) -	SUBTRACT VALUE OF *F* - 1.434 = 13.2
G. DEVELOPED LENGTH FROM BUILDING CONTROL VALVE TO CONTROLLING FIXTURE IN FEET 65 x 1.5	DIVIDE BY VALUE OF *G* - 97.5 = 30.15
(WATER DISTRIBUTION PIPING MATERIAL IS L COPPER)	MULTIPLY BY 100
A. PRESSURE AVAILABLE FOR UNIFORM LOSS -	*A* = 13.5



1 ELECTRIC WATER HEATER DETAIL
P100 NO SCALE w/HOT WATER RETURN



2 GAS CONNECTION DETAIL
P100 NO SCALE FLOOR MOUNTED EQUIPMENT

PLUMBING LEGEND

PIPING SYMBOLS ABBREVIATIONS	
	AQUASTAT
	BALANCING VALVE
	BALL VALVE
	CHECK VALVE
	DOMESTIC WATER CIRCULATING PUMP
	FIXTURE VALVE
	GAS PRESSURE REGULATOR
	INDICATES DIRECTION OF WATER FLOW
	PIPE CAP
	PIPE ELEVATION UP OR DOWN
	PIPE RISER UP
	PIPE TEE - BOTTOM CONNECTION
	PIPE TEE - TOP CONNECTION
	PIPE UNION
	PIPE SIZE
	POINT OF CONNECTION/RECONNECTION
	POINT OF DISCONNECTION FOR DEMOLITION
	PRESSURE GAUGE
	PRESSURE REDUCING VALVE
	TEMPERATURE AND RELIEF PRESSURE VALVE
	THERMOMETER
	VACUUM RELIEF VALVE
	WATER HAMMER ARRESTOR
	WATER METER

EQUIPMENT ABBREVIATIONS	
B.F.P.	BACKFLOW PREVENTER
C.O.	CLEAN OUT
D.G.R.P.	DEAD-END WATER CIRCULATING PUMP
E.T.	EXPANSION TANK
E.W.H.	ELECTRIC WATER HEATER
F.C.O.	FLOOR CLEAN OUT
F.D.	FLOOR DRAIN
G.D.	GARBAGE DISPOSAL
H.B.	HOSE BIBB
H.S.	OPEN SITE DRAIN (HUB DRAIN)
P.G.	PRESSURE GAUGE
P.R.V.	PRESSURE REDUCING VALVE
R.D.	ROOF DRAIN
T.P.V.	TEMPERATURE/PRESSURE RELIEF VALVE
V.B.	VACUUM BREAKER
W.H.	WALL HYDRANT
WTR. MTR.	WATER METER

GENERAL ABBREVIATIONS	
A.B.	AIR BREAK
A.F.C.	ABOVE FINISH CEILING
A.F.F.	ABOVE FINISH FLOOR
A.F.G.	ABOVE FINISH GRADE
A.F.R.	ABOVE FINISHED ROOF
A.G.	AIR GAP
A.P.	ACCESS PANEL
AVG.	AVERAGE
B.F.F.	BELOW FINISH FLOOR
B.F.G.	BELOW FINISH GRADE
B.T.U.	BRITISH THERMAL UNIT
B.T.U.H.	BRITISH THERMAL UNIT PER HOUR
CL.	CENTERLINE
C.G.	CEILING
C.O.	CLEAN OUT
CONT.	CONTINUE
CU. FT.	CUBIC FEET
CU. IN.	CUBIC INCHES
D.	DEGREE
D.D.C.	DIRECT DIGITAL CONTROLS
D.F.U.	DRAINAGE FIXTURE UNITS
DIA. or #	DIAMETER
DN.	DOWN
DWG.	DRAWING
ELEC.	ELECTRICAL
EXIST. or EX.	EXISTING
F.	DEGREES FAHRENHEIT
FIN. FL.	FINISH FLOOR
FL.	FLOOR
F.P.M.	FEET PER MINUTE
F.P.S.	FOOT PER SECOND
ft.	FEET
G.	GALLONS
G.P.H.	GALLONS PER HOUR
G.P.M.	GALLONS PER MINUTE
HD.	HEAD (FEET)
INVERT ELEVATION	INVERT ELEVATION
I.E.	INLET ELEVATION
H.P.	HORSEPOWER
H.T.G.	HEATING
H.V.A.C.	HEATING, VENTILATION AND AIR CONDITIONING
I.D.	INSIDE DIAMETER
INCH OR INCHES	INCH OR INCHES
k.w.	KILOWATT
Ibs.	POUNDS
L.W.T.	LEAVING WATER TEMPERATURE
MAX.	MAXIMUM
M.B.H.	THOUSAND B.T.U.H.
MECH.	MECHANICAL
MFG.	MANUFACTURER
M.W.	MOUNTED
M.T.D.	MOUNTED
N.I.C.	NOT IN CONTRACT
N.P.S.	NOMINAL PIPE SIZE
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
psi	POUNDS PER SQUARE INCH
psig	POUNDS PER SQUARE INCH GAUGE
RIM.	ROOM
R.P.M.	REVOLUTIONS PER MINUTE
sq. ft.	SQUARE FEET
S.P.	STATIC PRESSURE
SPEC.	SPECIFICATION
STD.	STANDARD
TEMP.	TEMPERATURE
TSTAT.	TERMOSTAT
TYP.	TYPICAL
VOLTS	VOLTS
w.c.	WATER COLUMN (GAS)
W.S.F.U.	WATER SUPPLY FIXTURE UNITS
W/	WITH
1st.	MAIN LEVEL FLOOR

FIXTURES ABBREVIATIONS	
E.W.C.	ELECTRIC WATER COOLER
E.W.	EMERGENCY EYE WASH
L.	LAUNDRY SINK
L.T.	LAUNDRY TRAY
M.S.	MASS SINK
S.	SINK
SH.	SHOWER
U.	URINAL
W.C.	WATER CLOSET

PIPING SYSTEM ABBREVIATIONS	
COLD WATER (C.W.)	COLD WATER (C.W.)
HOT WATER (H.W.)	HOT WATER (H.W.)
HOT WATER RETURN (H.W.R.)	HOT WATER RETURN (H.W.R.)
L.P.	LIQUEFIED PETROLEUM (PROPANE) (L.P.)
L.W.	LOCAL WASTE (L.W.)
R.L.	RAIN LEADER (R.L.)

GENERAL SYMBOLS	
100.0'	INVERT ELEVATION
1	KEYNOTES DEMOLITION
①	KEYNOTES NEW OR REMODEL
②	FLOOR DRAIN
③	HOSE BIBB OR WALL HYDRANT
④	ROOF DRAIN
⑤	PLUMBING FIXTURE/EQUIPMENT (NEW)
⑥	PLUMBING FIXTURE/EQUIPMENT (EXISTING)
ROOM NAME	INDICATES ROOM NAME
100	INDICATES ROOM NUMBER

CODE ABBREVIATIONS	
D.P.S.	DEPT. SAFETY PROFESSIONAL SERVICES
I.E.C.C.	INTERNATIONAL ENERGY CONSERVATION CODE
I.F.G.C.	INTERNATIONAL FUEL GAS CODE
N.F.P.A.	NATIONAL FIRE PROTECTION ASSOCIATION
N.F.P.A. 54	NATIONAL FUEL GAS CODE

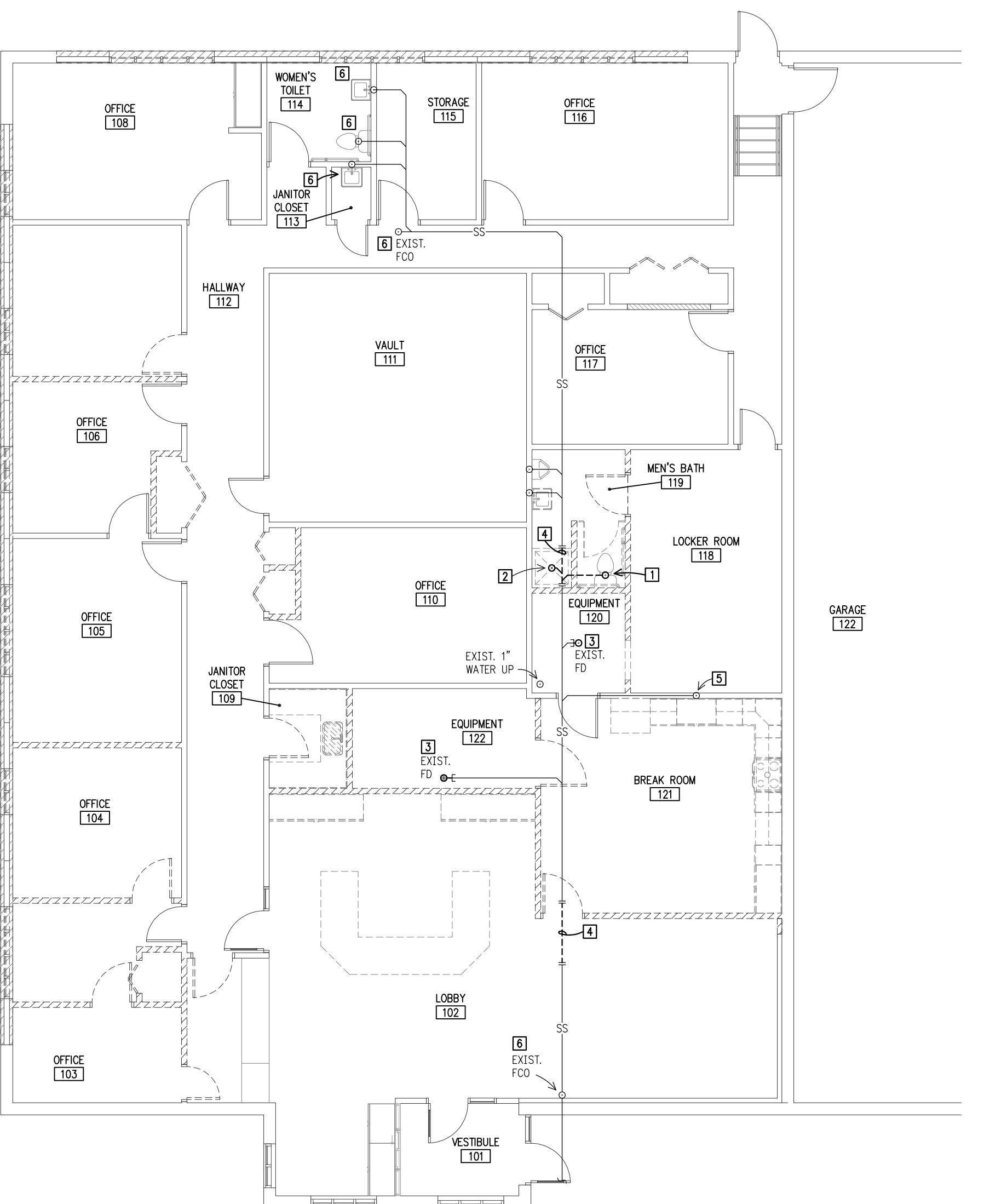
MECHANICAL EQUIPMENT ABBREVIATIONS	
F.	FURNACE (BY M.C.)

GENERAL NOTES:

- PITCH ON HORIZONTAL SANITARY & STORM PIPING.
 - A. 2" AND SMALLER = 1/4" / ft. MINIMUM
 - B. 3" AND LARGER = 1/8" / ft. MINIMUM

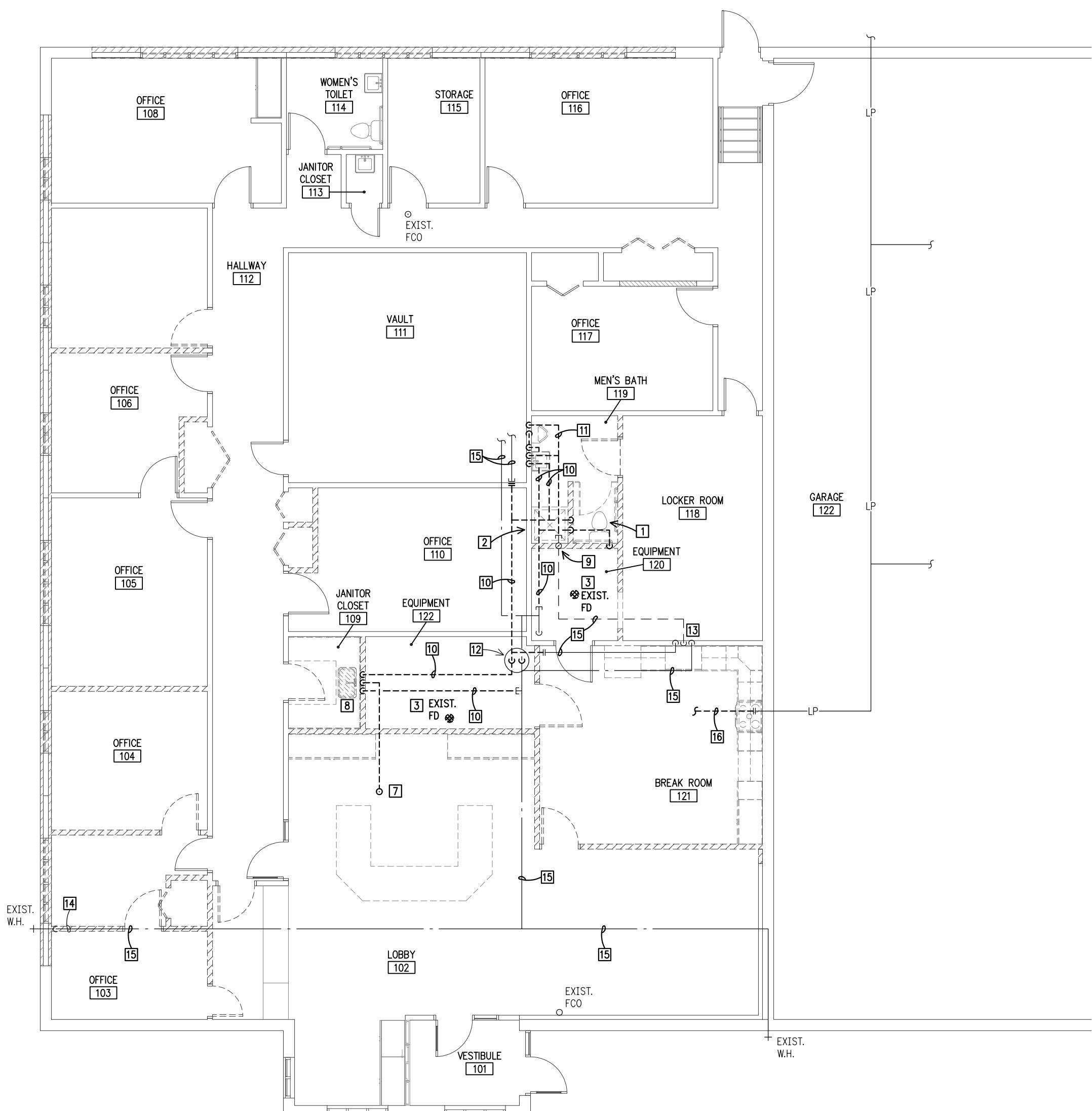
PLUMBING DEMOLITION NOTES:

- DISCONNECT AND REMOVE EXISTING WATER CLOSET COMPLETE. CAP FLUSH WITH FLOOR. CONFIRM WITH OWNER IF THEY WOULD LIKE FIXTURE TO BE SALVAGED FOR FUTURE USE.
- DISCONNECT AND REMOVE EXISTING SHOWER COMPLETE. CAP FLUSH WITH FLOOR. CONFIRM WITH OWNER IF THEY WOULD LIKE FIXTURE TO BE SALVAGED FOR FUTURE USE.
- REMOVE EXISTING FLOOR DRAIN AND CAP FLUSH WITH FLOOR.
- REMOVE EXISTING SANITARY PIPING FROM BREAK LINE OR FIXTURE TO BREAK LINE COMPLETE.
- EXISTING 2" SANITARY UP TO SINK TO REMAIN.
- EXISTING FIXTURE TO REMAIN.
- EXISTING CAPPED VENT THRU ROOF TO BE REMOVED. REMOVE EXISTING VENT PIPING IN CEILING SPACE COMPLETE. FIELD VERIFY ANY CONNECTIONS AND/OR BRANCHES ARE NO LONGER SERVING ACTIVE FIXTURES.
- SINK NO LONGER IN PLACE. REMOVE ANY EXISTING SANITARY, VENT, AND WATER PIPING COMPLETE. CAP WATER SUPPLY PIPING BACK AT MAIN AS SHOWN.
- EXISTING VENT THRU ROOF TO REMAIN.
- REMOVE EXISTING WATER PIPING FROM BREAK LINE OR FIXTURE TO BREAK LINE COMPLETE.
- REMOVE EXISTING VENT PIPING FROM BREAK LINE OR FIXTURE TO BREAK LINE COMPLETE.
- DISCONNECT AND REMOVE EXISTING ELECTRIC WATER HEATER. UNIT TO BE RELOCATED AND RECONNECTED DURING REMODEL PHASE OF PROJECT.
- DISCONNECT AND REMOVE EXISTING SINK, DISPOSAL, AND RELATED TRIM COMPLETE. SINK AND DISPOSAL TO BE RELOCATED AND RECONNECTED DURING REMODEL PHASE OF PROJECT.
- CONFIRM LOCATION OF EXISTING COLD WATER PIPING SERVING EXISTING WALL HYDRANT. COORDINATE WITH GENERAL CONTRACTOR FOR DISCONNECTION REQUIREMENTS. DRAIN WALL HYDRANT WITH HYDRANT TO BE RECONNECTED DURING NEW CONSTRUCTION PHASE OF PROJECT.
- EXISTING PIPING TO REMAIN.
- DISCONNECT AND REMOVE ALL EXISTING LP GAS PIPING FROM POINT SHOWN TO EXISTING EQUIPMENT. NEW LP GAS PIPING TO BE INSTALLED TO SERVE NEW EQUIPMENT DURING NEW CONSTRUCTION PHASE OF PROJECT.



1 PLUMBING FLOOR PLAN
P101 1/8" = 1'-0"
(DEMOLITION)
(BELOW FLOOR)

TRUE
NORTH
PLAN
NORTH



2 PLUMBING FLOOR PLAN
P101 1/8" = 1'-0"
(DEMOLITION)
(ABOVE FLOOR)

TRUE
NORTH
PLAN
NORTH

5036 Plbg Plans.dwg

1 1/8" = 1'-0"

PLUMBING ROOF PLAN (DEMOLITION)

TRUE NORTH

PLAN NORTH

DEMOLITION NOTES:

DISCONNECT AND REMOVE EXISTING PVC PIPING ON ROOF.

EXISTING VENT THRU ROOF TO BE REMOVED.

EXISTING VENT THRU ROOF TO REMAIN.

EXISTING ROOF DRAIN TO REMAIN.

ARCHITECTS L & P ENGINEERS

STRUCTS, INC
PO BOX 925
54701
715-835-7500
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RIVERLAND ENERGY COOPERATIVE
ALMA CITY HALL REMODEL - PHASE 1

1225 SOUTH MAIN STREET
ALMA, WISCONSIN 54610

ISSUE DATE:
DECEMBER 16, 2025

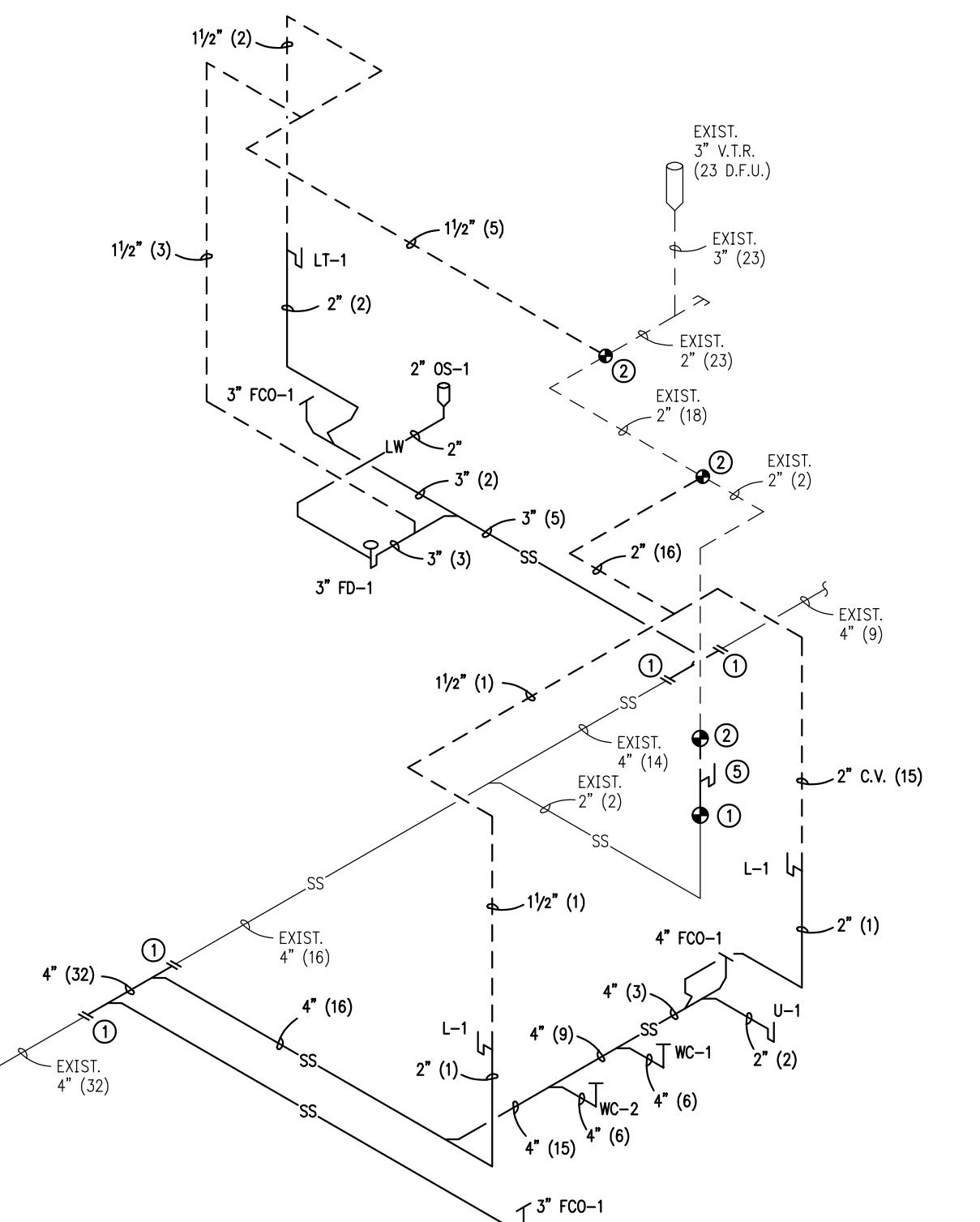


P102

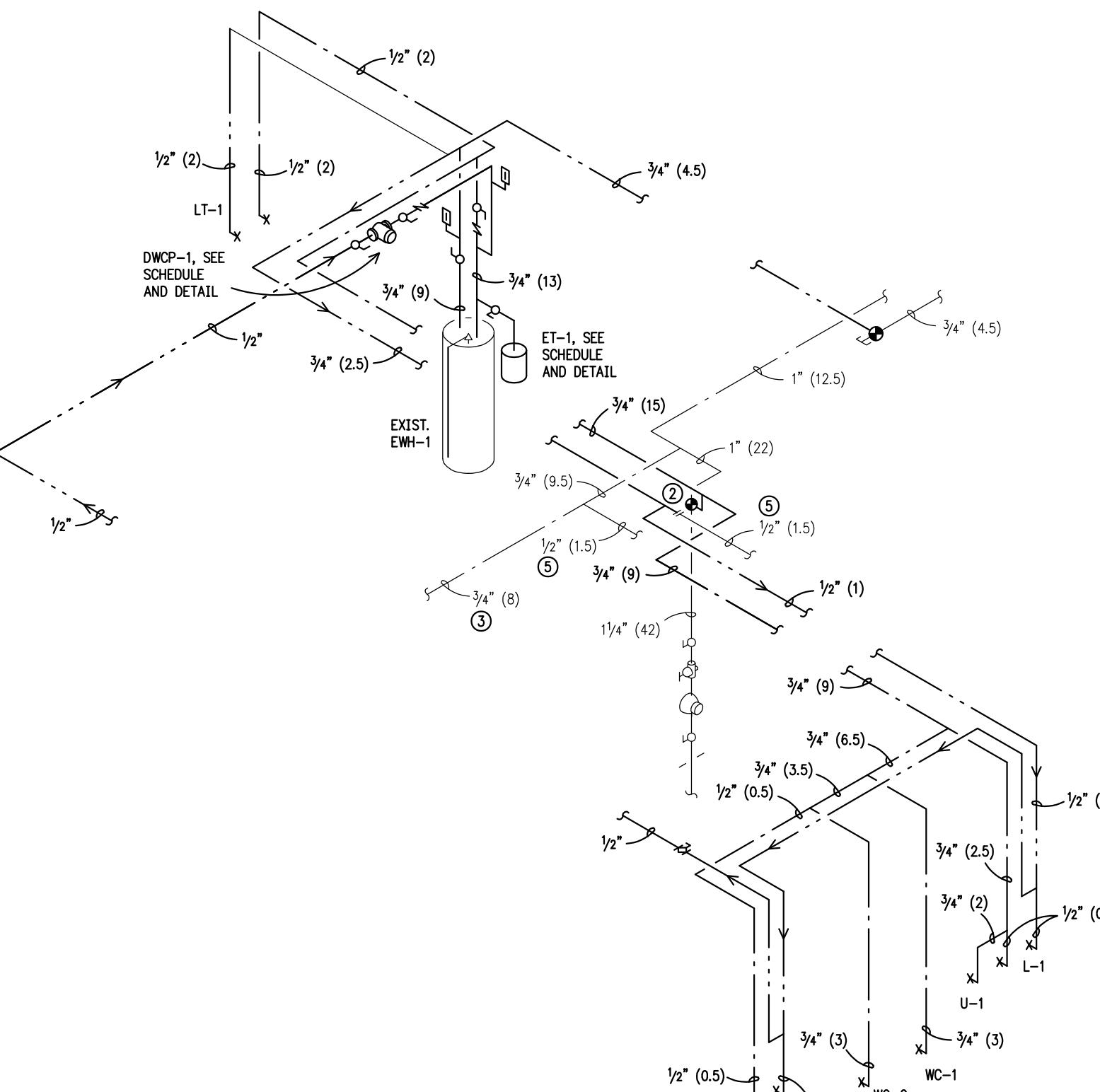
L&P PROJECT #25020

PLUMBING REMODEL NOTES:

- ① CONNECT TO EXISTING SANITARY PIPE AS SHOWN. CONFIRM EXACT LOCATION, INVERT, MATERIAL, AND CONDITION PRIOR TO MAKING FINAL CONNECTION.
- ② CONNECT TO EXISTING PIPE AS SHOWN. CONFIRM EXACT LOCATION, MATERIAL, AND CONDITION PRIOR TO MAKING FINAL CONNECTION.
- ③ RECONNECT EXISTING WALL HYDRANT. PROVIDE SHUTOFF VALVE AND NECESSARY PIPING TO REPLACE ITEM REMOVED DURING WALL DEMOLITION.
- ④ 3" SANITARY WASTE STUB WITH CLEANOUT INTO EXISTING GARAGE 123 FOR FUTURE CONNECTION.
- ⑤ RELOCATED EXISTING SINK AND DISPOSAL. PROVIDE NEW STOPS AND SUPPLIES AND RECONNECT TO EXISTING WATER SUPPLY, SANITARY, AND VENT PIPING IN WALL.
- ⑥ COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT EQUIPMENT LOCATION AND CONNECTION REQUIREMENTS.
- ⑦ CONNECT TO EXISTING LP GAS PIPE AS SHOWN. CONFIRM EXACT LOCATION, MATERIAL, CONDITION, PRESSURE, AND CAPACITY IS APPROPRIATE FOR NEW LOAD OF 200,000 btuh.

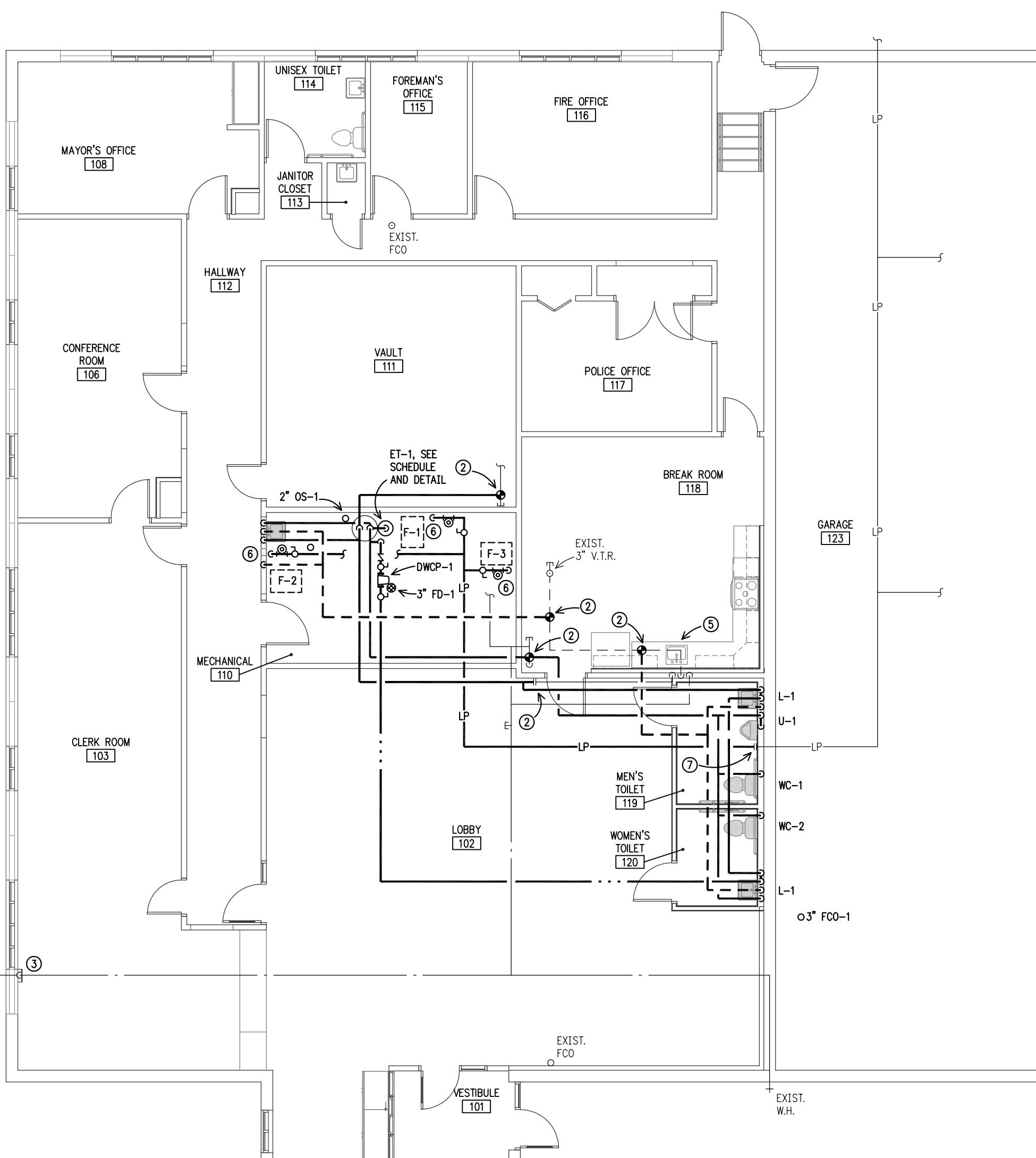


3 PLUMBING SCHEMATICS
P201 (WASTE & VENT)



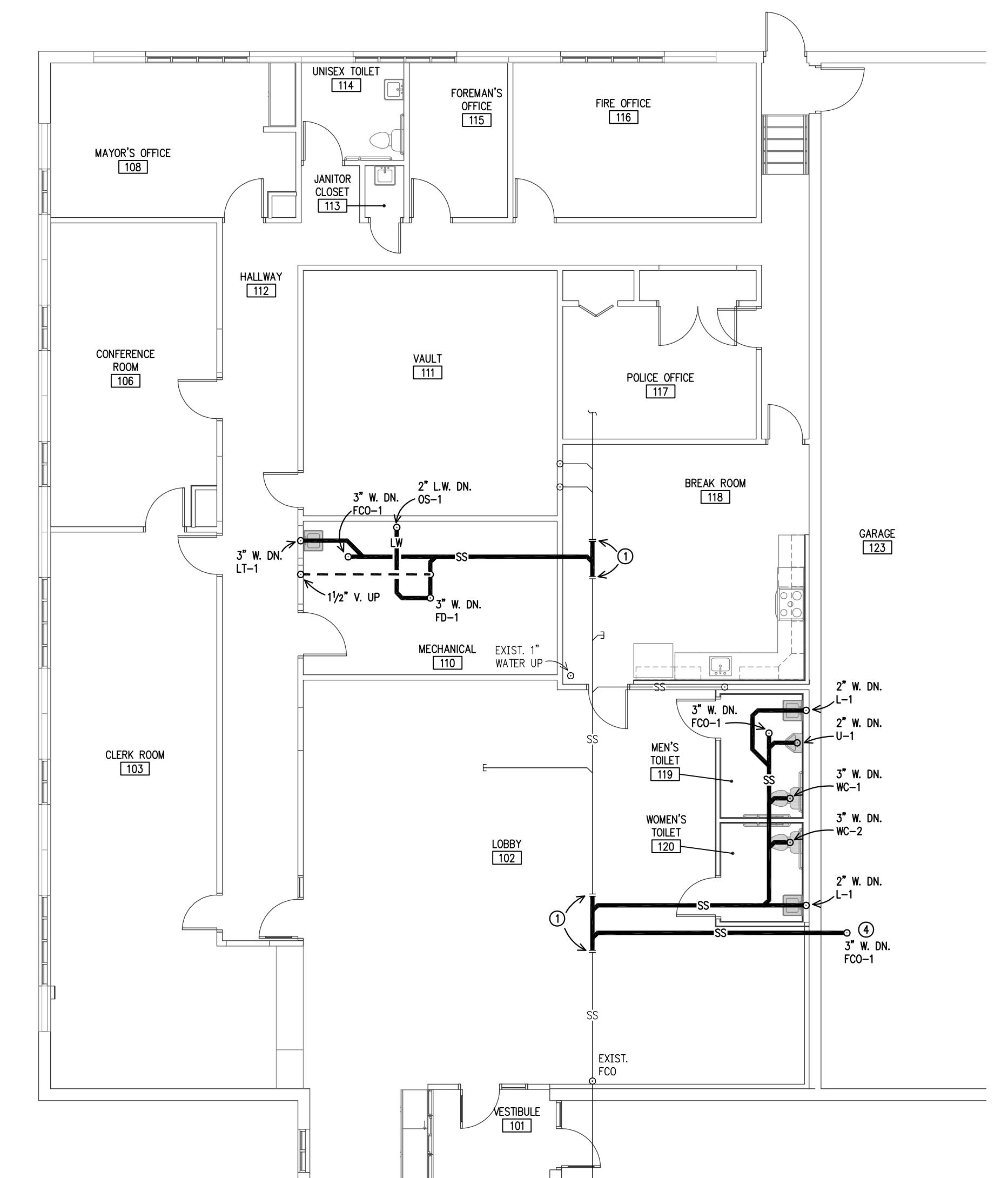
4 PLUMBING SCHEMATICS
P201 (WATER)

5 PLUMBING SCHEMATICS
P201 (LP GAS)



2 PLUMBING FLOOR PLAN
P201 (1/8"= 1'-0")

TRUE NORTH
PLAN NORTH



1 PLUMBING FLOOR PLAN
P201 (1/8"= 1'-0")

TRUE NORTH
PLAN NORTH

RIVERLAND ENERGY COOPERATIVE
ALMA CITY HALL REMODEL - PHASE 1
PLUMBING REMODEL FLOOR PLAN
AND SCHEMATICS

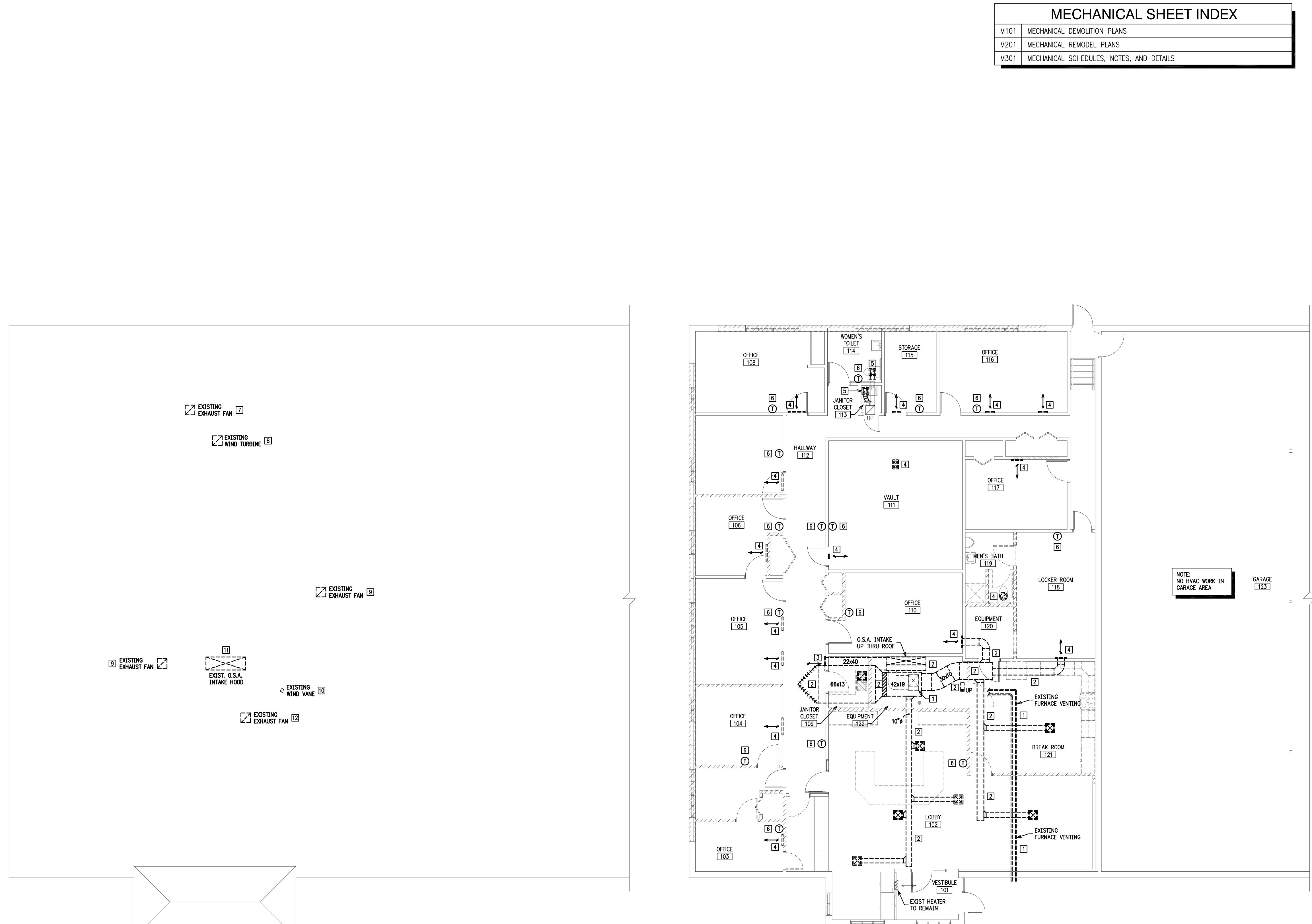
REVISIONS:
NO. DATE

ISSUE DATE:
DECEMBER 16, 2025

P201

APEX
Engineering

Eau Claire, Wisconsin
Telephone: 715-835-7736
Web: apexengineering.biz
Project No.: 25036
Drawn By: AJF
Designed By: AJF



2 MECHANICAL ROOF PLAN
M101 (DEMOLITION)

TRUE
NORTH
PLAN
NORTH

1/8" = 1'-0"

1 MECHANICAL FLOOR PLAN
M101 (DEMOLITION)

TRUE
NORTH
PLAN
NORTH

1/8" = 1'-0"

LIEN & PETERSON ARCHITECTS, INC
4675 ROYAL DRIVE
EAU CLAIRE, WI
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RIVERLAND ENERGY COOPERATIVE
ALMA CITY HALL REMODEL - PHASE 1
1225 SOUTH MAIN STREET
ALMA, WISCONSIN 54610

MECHANICAL
DEMOLITION PLANS
-
REVISIONS:
NO. DATE

ISSUE DATE:
DECEMBER 16, 2025



M101

L&P PROJECT #25020

MECHANICAL PLAN NOTES:

- ① SIDEWALL RETURN GRILLE:
LOCATE SIDEWALL RETURN GRILLE AT 8" ABOVE FINISHED FLOOR.
- ② EXISTING ROOF CURB (REUSED):
INSTALL NEW EXHAUST FAN ON EXISTING ROOF CURB. PROVIDE EXHAUST FAN WITH INTEGRAL FACTORY FABRICATED CURB ADAPTOR TO ACCOMMODATE NON-STANDARD CURB SIZE. FIELD VERIFY FINAL DIMENSIONS. FILL ENTIRE VOID IN EXISTING CURB WITH COMPRESSIBLE FIBERGLASS INSULATION.
- ③ OUTSIDE AIR CLEARANCE REQUIREMENTS:
PROVIDE A MINIMUM OF 10-FT CLEARANCE BETWEEN OUTSIDE AIR INTAKE HOOD AND ANY COMPONENT THAT PRODUCES CONTAMINATED AIR, SUCH AS EXHAUST FANS AND PRODUCTS OF COMBUSTION.

ARCHITECTS L & P ENGINEERS

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RIVERLAND ENERGY COOPERATIVE
ALMA CITY HALL REMODEL - PHASE 1

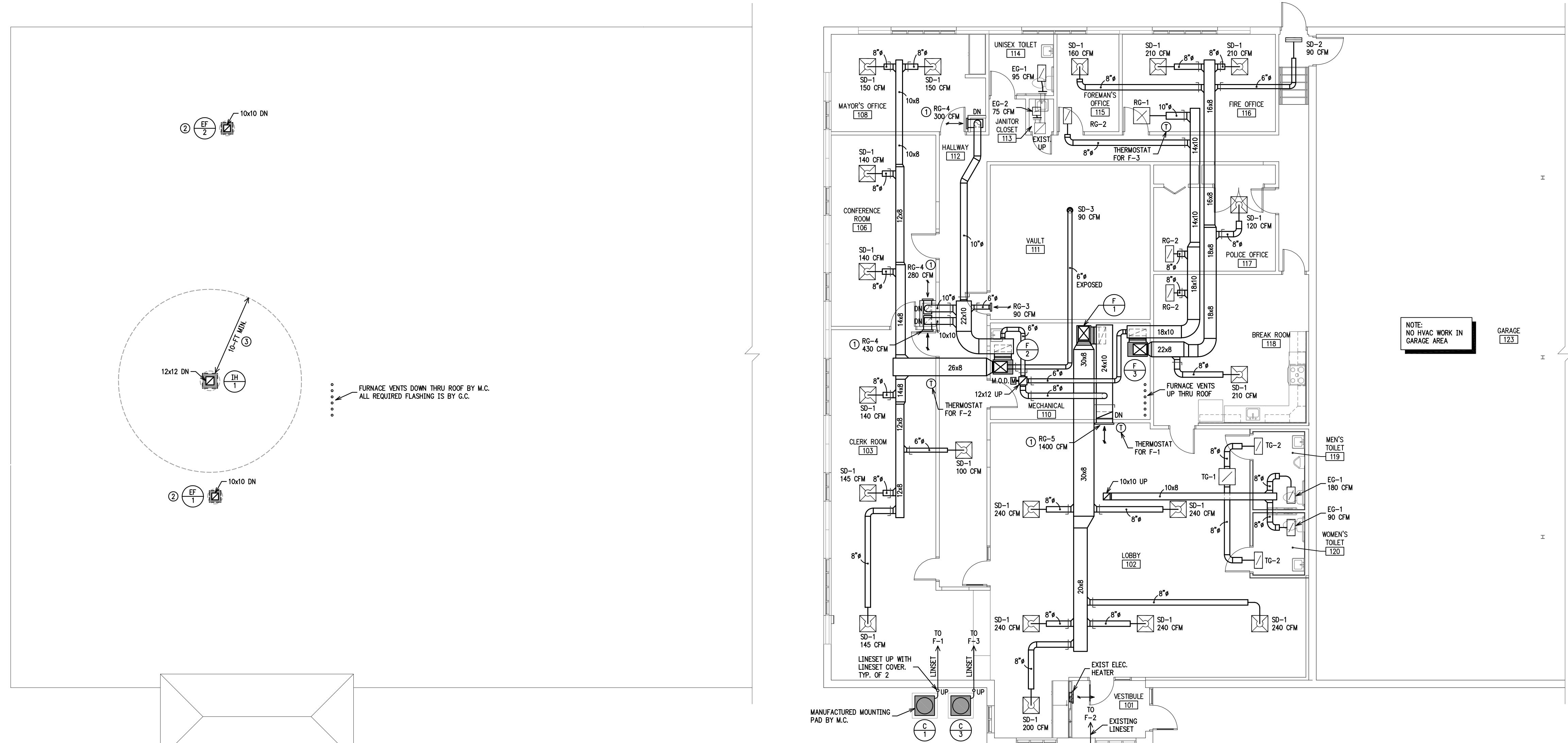
1225 SOUTH MAIN STREET
ALMA, WISCONSIN 54610

MECHANICAL REMODEL PLANS

SUE DATE:
DECEMBER 16, 2025

M201

&P PROJECT #25020





2 MECHANICAL ROOF PLAN

M201 1/8" = 1'-0" (REMODEL)

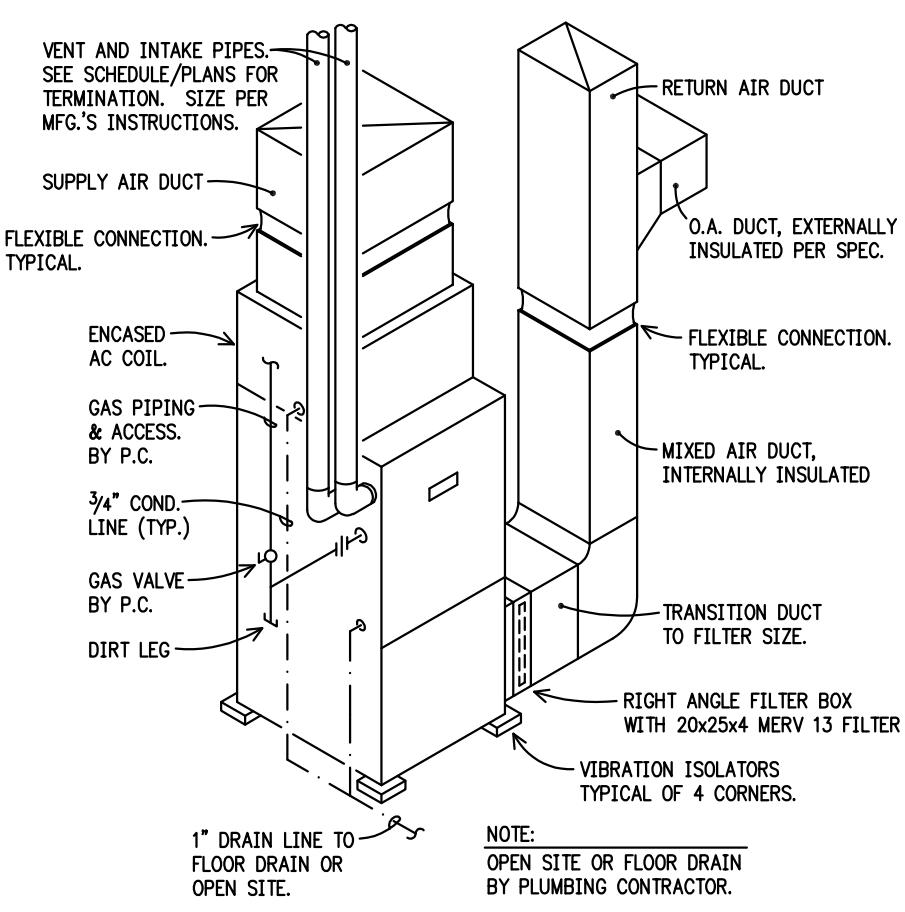
The logo consists of two large, thin-lined geometric shapes: a downward-pointing triangle on the left and an upward-pointing triangle on the right. Below the left triangle is the word 'TRUE' and below the right triangle is the word 'NORTH'.



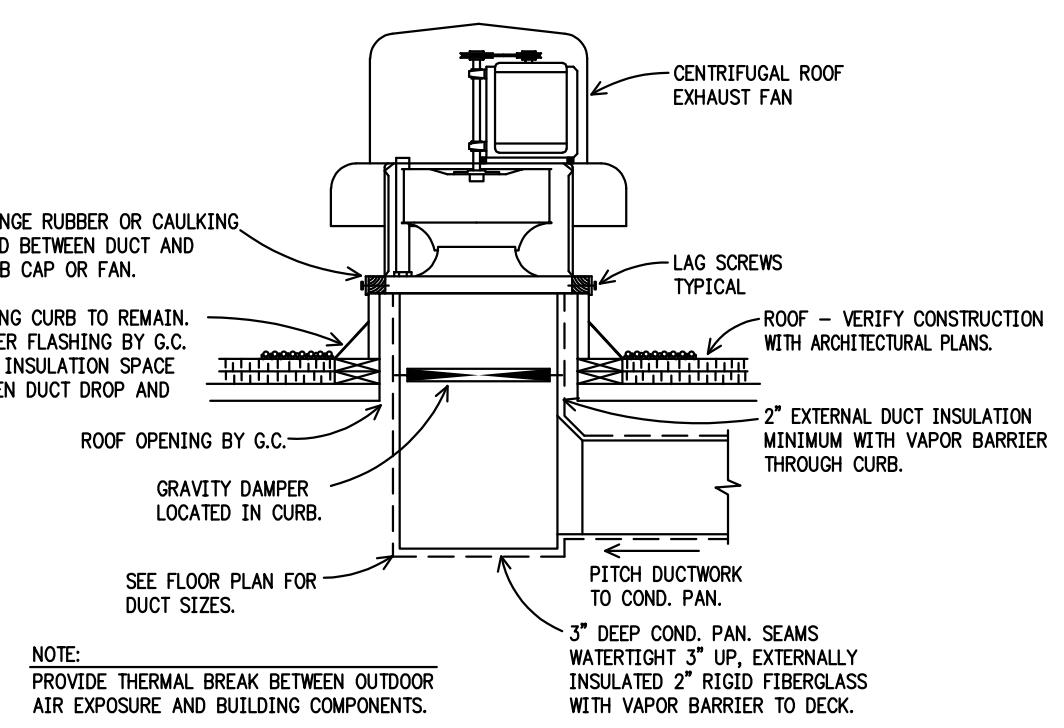
1 **MECHANICAL FLOOR PLAN**
M201 1/8" = 1'-0" **(REMODEL)**

The logo for True North consists of a stylized 'K' shape on the left and a vertical 'T' shape on the right, both in white against a dark background.

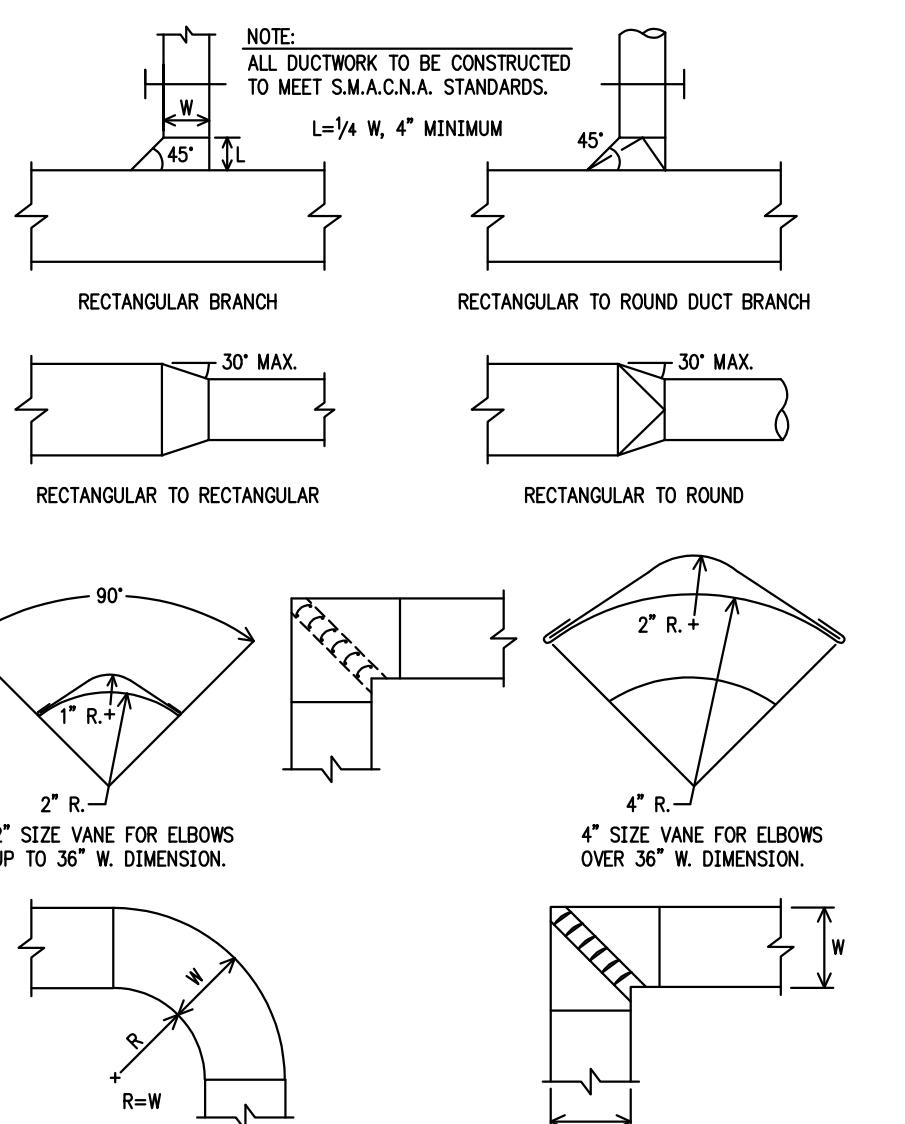
DUCTWORK/INSULATION SCHEDULE



1 GAS FURNACE DETAIL
M301 NO SCALE (F-1,2,3)



2 PRV EXHAUST FAN DETAIL
M301 NO SCALE



3 DUCTWORK DETAIL
M301 NO SCALE

SYSTEM	DESCRIPTION	CLASS SEAL RATING	VAPOR BARRIER REQ'D	NOTES
SUPPLY AND RETURN PLENUMS FOR ALL AIR HANDLING DEVICES.	GALVANIZED SHEET METAL DUCTWORK WITH 1/2" INTERIOR DUCT LINER PINNED & GLUED & 2.2" EXTERIOR DUCTWRAP INSULATION.	A	YES	1
SUPPLY MAINS FOR ALL AIR HANDLING DEVICES.	GALVANIZED SHEET METAL DUCTWORK ROUND OR RECTANGULAR WITH 2.2" EXTERIOR DUCTWRAP INSULATION. (R=6 MIN)	A	YES	1,2,3
RETURN MAINS FOR ALL AIR HANDLING DEVICES.	GALVANIZED SHEET METAL DUCTWORK ROUND OR RECTANGULAR.	A	YES	1,2,3
SUPPLY AIR BRANCH DUCTS FROM MAIN TO WITHIN 6' OF DIFFUSER.	GALVANIZED SHEET METAL DUCTWORK ROUND OR RECTANGULAR WITH 2.2" EXTERIOR DUCTWRAP INSULATION. (R=6 MIN)	A	YES	1
RETURN AIR BRANCH DUCTS FROM MAIN TO WITHIN 6' OF DIFFUSER.	GALVANIZED SHEET METAL DUCTWORK ROUND OR RECTANGULAR.	A	NO	1
SUPPLY AND RETURN BRANCH DUCT CONNECTION TO DIFFUSERS.	INSULATED FLEX DUCT, MAXIMUM OF 5-FT TO DIFFUSER SUPPORT WITH 1" BAND CLAMPS, MAXIMUM SAG OF 2-1/2" BETWEEN CLAMPS.	A	YES	R-4.2
EXPOSED SUPPLY, RETURN, AND BRANCH DUCTS LOCATED IN CONDITIONED SPACE.	GALVANIZED SPIRAL ROUND SHEET METAL DUCTWORK PROPERLY PREPARED FOR PAINT.	C	NO	1,2,4
FRESH AIR INTAKE DUCTWORK FROM EXTERIOR TO AIR HANDLING DEVICES.	GALVANIZED SHEET METAL DUCTWORK WITH 2.2" EXTERIOR DUCTWRAP INSULATION. (R=6 MIN)	A	YES	1,2
EXHAUST AIR DUCTWORK WITHIN 10-FEET OF EXTERIOR WALL OR PLenum DROP THRU ROOF.	GALVANIZED SHEET METAL DUCTWORK ROUND OR RECTANGULAR WITH 2.2" EXTERIOR DUCTWRAP INSULATION. (R=6 MIN)	B	YES	1,2
EXHAUST AIR DUCTWORK BEYOND 10-FEET OF EXTERIOR WALL OR PLenum DROP THRU ROOF.	GALVANIZED SHEET METAL DUCTWORK ROUND OR RECTANGULAR.	B	NO	1,2

1. ALL DUCTWORK TO BE FACED PER SMACNA STANDARDS AND INSTALLED PER NFPA 90A AND 90B RECOMMENDATIONS.
2. PROVIDE FLEXIBLE DUCT CONNECTORS ON ALL SUPPLY & RETURN DUCTS CONNECTING TO AIR HANDLING DEVICES.
3. PROVIDE TURNING VENES IN ALL RECTANGULAR 90 DEGREE ELBOWS.
4. ALL EXPOSED SURFACES SHALL BE CLEAN, DRY, AND FREE OF FOREIGN MATERIALS AND LUBRICANTS THAT WILL ADVERSELY AFFECT ADHESION OR APPEARANCE OF APPLIED PAINT COATING. REMOVE ALL DIRT AND GREASE WITH "VM&P" NAPHTHA SOLVENT, OR EQUIVALENT WATER BASED COMMERCIAL DETERGENT AND WIPE DRY WITH A CLEAN CLOTH. ALL PAINTING OF DUCTWORK IS BY OTHERS.

GAS FURNACE SCHEDULE

PLAN SYMBOL	GAS TYPE	INPUT MBH	OUTPUT MBH	AFUE	CFM	MIN. F.A.	EXT. S.P.	BLOWER			PILOT	VENT SIZE	FILTER	MANUFACTURER & MODEL NO.	NOTES
								SIZE	DRIVE	HP					
F-1	2-PSI L.P.	H=80.0 L=56.0	H=77.6 L=54.3	97.0%	1400	270	0.5"	11x10	DIR.	3/4	120/1/60	HSI	2"	20x25x4	AMANA AR97960804CN 1,2,3,4
F-2	2-PSI L.P.	H=80.0 L=56.0	H=76.8 L=53.7	96.0%	1200	115	0.5"	11x8	DIR.	1/2	120/1/60	HSI	2"	20x25x4	EXISTING AMANA AM9360803BN 1,2,3,4,5
F-3	2-PSI L.P.	H=40.0 L=28.0	H=38.8 L=27.1	97.0%	1000	55	0.5"	11x6	DIR.	1/2	120/1/60	HSI	2"	20x25x4	AMANA AR97960403AN 1,2,3,4

1. 7-DAY ELECTRONIC PROGRAMMABLE SETBACK THERMOSTAT WITH AUTO CHANGEOVER & OVERRIDE BUTTON BY HONEYWELL #108320 SERIES OR EQUAL.
2. PROVIDE A 1" PVC CONDENSATE LINE TO LOCAL OPEN SITE RECEPTOR. COORDINATE LOCATION WITH P.C.
3. INCLUDE MANUFACTURED FILTER BOX CAPABLE OF EXCEPTING A 20x2x4 MERV 13 FILTER.
4. EXTEND TWO PIPE PVC VENTING SYSTEM UP THRU ROOF AND TERMINATE PER MANUFACTURES REQUIREMENTS.

CONDENSING UNIT SCHEDULE

PLAN SYMBOL	SERVING INDOOR UNIT	COOLING CAPACITY MBH	CONDENSING UNIT		EVAPORATOR COIL		SEER2 RATING	ER2 RATING	ACCESSORIES	NOTES
			ELECTRICAL DATA	MCA	MANUFACTURER & MODEL NO.	MANUFACTURER & MODEL NO.				
C-1	F-1	39.5	208/1/60	19.4	AMANA CAPTA4230C3A	CASED UPFLOW	13.4	11.2	TXV, 1-1/8" X 3/8" INSULATED LINESET	1,3,4
C-2	F-2	33.6	208/1/60	18.6	EXISTING AMANA CAPTA3626B4A	CASED UPFLOW	13.5	11.2	TXV, 7/8" X 3/8" INSULATED LINESET	2,3
C-3	F-3	28.0	208/1/60	15.1	AMANA ALX3BN3010A	CASED UPFLOW	13.4	11.2	TXV, 3/4" X 3/8" INSULATED LINESET	1,3,4

1. R32 REFRIGERANT
2. R410A REFRIGERANT
3. INCLUDE UV RESISTANT PVC LINESET COVER BY DIVERSITECH OR EQUAL TO COMPLETELY CONCEAL EXTERIOR LINESET. PAINT TO MATCH EXISTING BRICK.
4. INSTALL ON MANUFACTURED MOUNTING PAD.

EXHAUST FAN SCHEDULE

PLAN SYMBOL	ROOM NO.	SERVING	CFM	ESP	RPM	H.P.	ELECTRICAL DATA	DRIVE	FAN TYPE	MANUFACTURER & MODEL NO.	CONTROL	ACCESS.	NOTES
EF-1	102	TOILET RMS 119 & 120	270	0.4"	1210	1/6	120/1/60	DIR.	ROOF	GREENHECK G-095-VC	INTERLOCK W/ F-1	1,2	3
EF-2	113	TOILET & BATH RMS 119 & 114	170	0.4"	1347	1/10	120/1/60	DIR.	ROOF	GREENHECK G-080-VC	INTERLOCK W/ F-2 & F-3	1,2	3

1. PROVIDE UNIT WITH 24-VOLT NEMA-1 DISCONNECT SWITCH, EC MOTOR, GRAVITY BACKDRAFT DAMPER, AND POTOMETER DIAL FOR AIR BALANCING.
2. EXHAUST FAN SHALL INCLUDE INTEGRAL FACTORY FABRICATED CURB ADAPTOR TO ACCOMMODATE NON-STANDARD CURB SIZE.
3. INSTALL NEW EXHAUST FAN ON EXISTING ROOF CURB. FOR BIDDING PURPOSES, EXISTING CURB SIZES ARE:

- EF-1 = 17x17, EF-2 = 17x17. FIELD VERIFY FINAL REQUIREMENTS.

ROOF HOOD SCHEDULE - INTAKE

PLAN SYMBOL	ROOM NO.	SERVING	CFM	THROAT AREA	THROAT SIZE (IN. WC)	SP (FPM)	THROAT VELOCITY (FPM)	MATERIAL TYPE	DAMPER	INSUL.	MANUFACTURER & MODEL NO.	ACCESS.	NOTES
IH-1	110	FURNACE F-1,2,3	440	0.82	12"	0.048"	537	ALUM.	YES	YES	GREENHECK GR5I	1,2	3

1. PROVIDE UNIT WITH 24-VOLT MOTORIZED INTAKE AIR DAMPER (M.O.D.) AND GALVANIZED BIRD SCREEN.
2. FACTORY FABRICATED, 24" HIGH INSULATED ROOF CURB WITH WOOD NAILER STRIPS. VERIFY ROOF PITCH TO MOUNT CURB LEVEL.
3. ROOF CURB SHALL BE FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. ALL REQUIRED FLASHING IS BY GENERAL CONTRACTOR.

GRILLE, REGISTER, & DIFFUSER SCHEDULE

PLAN SYMBOL	DESCRIPTION	MATERIAL TYPE	MANUFACTURER & MODEL NO.	ACCESSORIES	NOTES
SD-1	24x24 LAY-IN ARCHITECTURAL SUPPLY DIFFUSER WITH 4-WAY DEFLECTION & SQUARE PLAQUE CENTER CORE	STEEL	TITUS OMNI (TYPE 3)	--	1
SD-2	24" ADJUSTABLE MODULINEAR PLenum SLOt DIFFUSER WITH 6" INLET, 3-SLOT, 1" SLOt WIDTH AND INTERNAL INSULATION	STEEL	TITUS TBO-30	LAY-IN CEILING	--
SD-3	6" ROUND CEILING SUPPLY DIFFUSER WITH 360 DEGREE DISCHARGE PATTERN AND 2-POSITION ADJUSTABLE STEPPED RINGS	STEEL	TITUS TMR	SURFACE MOUNT	--
RG-1	24x24 LAY-IN RETURN AIR GRILLE WITH 1/2x1/2x1/2 GRID CORE AND CHANNEL FRAME	ALUM.	TITUS 50F (TYPE 7)	PLENUM BOX PAINTED BLACK	--
RG-2	24x12 LAY-IN RETURN AIR GRILLE WITH 1/2x1/2x1/2 GRID CORE AND CHANNEL FRAME	ALUM.	TITUS 50F (TYPE 7)	PLENUM BOX PAINTED BLACK	--
RG-3</td					

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01_E102dwg.dwg



1 ELECTRICAL FLOOR PLAN

E101 1/8" = 1'-0" (DEMOLITION)

The logo consists of two black-outlined arrows. The left arrow points upwards and to the left, with the text 'TRUE NORTH' stacked vertically to its left. The right arrow points straight upwards, with the text 'PLAN NORTH' stacked vertically to its right.

ELECTRICAL NOTES:

- THIS DEMOLITION PLAN HAS BEEN PREPARED TO ASSIST THE CONTRACTOR IN DETERMINING THE SCOPE OF DEMOLITION WORK TO BE INCLUDED IN THIS PROJECT. IT IS NOT INTENDED TO BE A COMPLETE INDICATION OF ALL DEMOLITION WORK REQUIRED TO COMPLETE THE PROJECT. THE CONTRACTOR SHOULD REVIEW ALL DRAWINGS AND SPECIFICATIONS, INCLUDING DEMOLITION SHOWN FOR OTHER TRADES, AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS, IN ORDER TO DETERMINE THE SCOPE OF DEMOLITION WORK.
- E.C. SHALL PROVIDE COVERS ON ALL OPEN J-BOXES CREATED BY DEMOLITION WORK. G.P.C. SHALL PROVIDE PATCHING AND PAINTING CREATED BY DEMOLITION WORK.

ELECTRICAL DEMOLITION NOTES:

1. EXISTING EQUIPMENT, NO WORK REQUIRED UNLESS OTHERWISE NOTED.
2. E.C. SHALL REMOVE CONNECTION TO EQUIPMENT AND ALL APPURTENANCES COMPLETE. COORDINATE WITH OTHER TRADES.
3. E.C. SHALL REMOVE LIGHTING, CONTROL AND ALL APPURTENANCES COMPLETE. SALVAGE RECESSED CONDUIT AND BOXES AS MUCH AS POSSIBLE FOR REUSE IN REMODEL. FIELD COORDINATION REQUIRED.
4. E.C. SHALL REMOVE RECEPTACLES, POWER STRIPS, POWERED BASEBOARDS AND ALL APPURTENANCES COMPLETE. SALVAGE RECESSED CONDUIT AND BOXES AS MUCH AS POSSIBLE FOR REUSE IN REMODEL. FIELD COORDINATION REQUIRED. MANY OFFICES HAVE POWERED BASEBOARDS.
5. E.C. SHALL REMOVE TELECOM DEVICES AND ALL APPURTENANCES COMPLETE.
6. ADA DOOR OPERATORS TO REMAIN. REMOVE CONDUCTORS TO PANEL AND SALVAGE RECESSED CONDUIT. PREP FOR NEW CONDUCTORS FROM NEW PANEL.
7. E.C. SHALL REMOVE SWITCHGEAR, TRANSFORMERS, AND ALL APPURTENANCES COMPLETE. FIELD INVESTIGATE BRANCH CIRCUITS PRIOR TO DEMO.
8. E.C. SHALL REMOVE EXIT SIGN AND PREP FOR A NEW EXIT SIGN IN A SIMILAR LOCATION.
9. DISCONNECT EXISTING EQUIPMENT AND BUILDING MOUNTED DISCONNECT. PREP FOR RECONNECTION TO NEW PANEL A. SEE REMODEL PLANS FOR MORE INFORMATION.

RIVERLAND ENERGY COOPERATIVE
ALMA CITY HALL REMODEL - PHASE 1

LIEN & PETERSON ARCHITECTS, INC
4675 ROYAL DRIVE
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EMAIL admin@2dln.com

L & P ARCHITECTS ENGINEERS

ISSUE DATE:

E101

L&P PROJECT #2502



ELECTRICAL NOTES:
 - E.C. SHALL COORDINATE WITH THE ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ALL ROOM CLASSIFICATIONS AND FIRE RATINGS PRIOR TO BIDS.
 - PROVIDE J-BOXES ABOVE THE CEILING AND SURFACE RACEWAY FOR WALL SWITCHES. SURFACE MOUNT EQUIPMENT AND SURFACE RACEWAY LENGTHS SHALL BE EQUAL TO PANAL. J-BOXES PROVIDE ALL FITTINGS AND MOUNTING HARDWARE. COLOR SHALL BE WHITE. COORDINATE ALL LOCATIONS WITH OWNER AND FURNISHINGS.

1. TIE NEW EGRESS LIGHTING INTO EXISTING EGRESS LIGHTING CIRCUIT.
2. COORDINATE LOCATIONS AND PENETRATIONS WITH ARCHITECT.

LIGHTING FIXTURE SCHEDULE														
TYPE	DESCRIPTION	MFG	PART #	TEMP.	LUMENS	MOUNT	SHIELDING	DRIVER	VOLT.	EMERG.	COLOR	OPTIONS	EQUALS	NOTE
A2	2'X2' SURROUND PANEL	Cooper	22SFS13C4UNV	SEL	SEL	RECESSED	FLAT SC RES	0-10V DIM	U(UNV)		WHITE	ACCUITY, COOPER, CURRENT	1,4	
B2	2'X2' EDGE LIT PANEL 2" THICK	Cooper	22FPSL25CT3	SEL	SEL	RECESSED	FLAT SC RES	0-10V DIM	U(UNV)		WHITE	ACCUITY, COOPER, CURRENT	1,4	
B4	2'X4' EDGE LIT PANEL 2" THICK	Cooper	24FPSL25CT3	SEL	SEL	RECESSED	FLAT SC RES	0-10V DIM	U(UNV)		WHITE	ACCUITY, COOPER, CURRENT	1,4	
C6	6" J-BOX SURFACE CAN	HALO	SMX6RLFS010	SEL	SEL	JB	FLAT	0-10V DIM	U(UNV)		VERIFY	ACCUITY, COOPER, CURRENT	1,4	
TYPE	DESCRIPTION	MFG	PART #	LETTER	FINISH	APPLICATION	SELF DIAG.	VOLT.	X	OPTIONS	EQUALS		NOTE	
E	EXIT W/HEADS WITH REM. PWR	Cooper	LPXC 25 R3 SD	RED	WHITE	REMOTE POWER	YES	UNV			ACCUITY, COOPER, CURRENT	1,6		
EM	EMERGENCY DUAL HEAD 25'	Cooper	SEL 25 SD		WHITE		YES	UNV			ACCUITY, COOPER, CURRENT	1,6		
EM1	EMERGENCY DUAL HEAD 50'	Cooper	SEL 50 SD		WHITE		YES	UNV			ACCUITY, COOPER, CURRENT	1,6		
EMR	EM. REMOTE INT/EXTERIOR	Cooper	SRPD		WHITE						WET LST.	ACCUITY, COOPER, CURRENT	1,6	
TYPE	DESCRIPTION	MFG	PART #	TEMP.	LUMENS	MOUNT	X	DRIVER	VOLT.	EMERG.	COLOR	OPTIONS	EQUALS	
F4	4' LENSED STRIP	Cooper	4S1STPSLCUNV	SEL	SEL	COORD.	RND/FR	0-10V DIM	U(UNV)		UNV	ACCUITY, COOPER, CURRENT	1,2,4	
WP	MEDIUM WALL PACK 12 W	LUMARK	AXCS1A	3K	1,500	WALL		DB	WPS2			ACCUITY, HUBBELL	1,2,3,5	

1. FIXTURE MODEL NUMBER MAY NOT REFLECT ALL MOUNTING HARDWARE. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL THE NECESSARY MOUNTING EQUIPMENT, LENSES, STEMS, SAFETY CHAINS, END PLATES AND OTHER HARDWARE FOR A COMPLETE INSTALLATION. PROVIDE FLANGE KIT AS REQ'D.

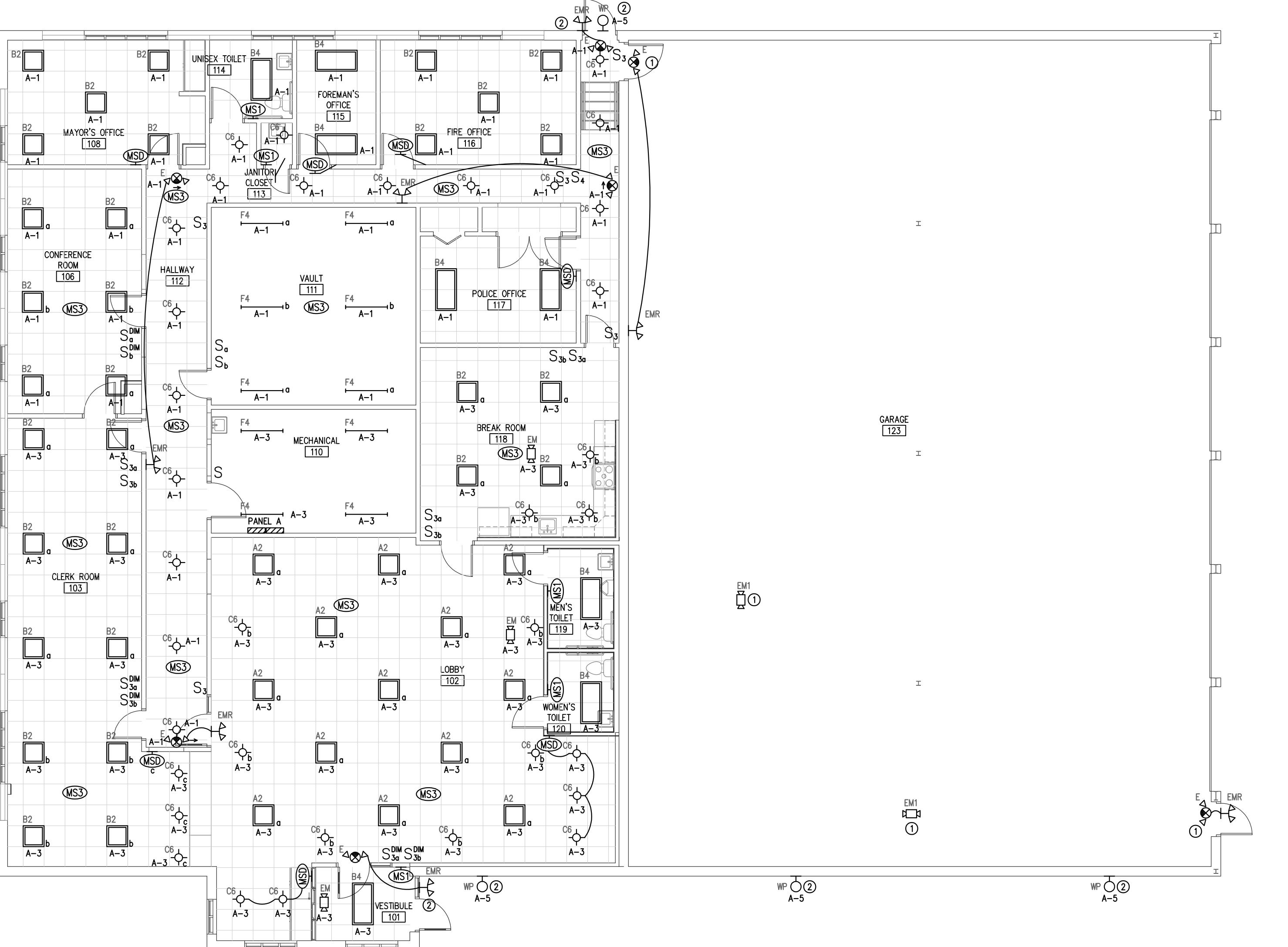
2. COORDINATE LOCATION WITH EQUIPMENT AND OWNER.

3. PROVIDE WITH INTEGRAL PC, MOTION & DIMMING. HH REM.

4. SET TO MED. LUMEN AND 4000K TEMP.

5. PROVIDE MOUNTING BRACKET

SENSORS				
DES.	DESCRIPTION	MFG.	PART #	MTG, HT
MS1	WALL, SINGLE SWITCH, DUAL TECH, 1000' C, LINE VOLTAGE	SENSORWORK	SWK-121	44" AFF
MSD	WALL, DIMMABLE, DUAL TECH, 1000' C, LINE VOLTAGE	SENSORWORK	SWK-1230	44" AFF
MS3	CEILING LOW VOLTAGE SENSOR, 2000' COVERAGE	SENSORWORK	SWK-222-1	VERIFY



1
E201
ELECTRICAL FLOOR PLAN
(REMODEL LIGHTING)
1/8"= 1'-0"



LIEN & PETERSON ARCHITECTS, INC
4675 ROYAL DRIVE
EAU CLAIRE, WI
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RIVERLAND ENERGY COOPERATIVE
ALMA CITY HALL REMODEL - PHASE 1
1225 SOUTH MAIN STREET
ALMA, WISCONSIN 54610

ELECTRICAL
REMODEL FLOOR PLAN
LIGHTING

REVISIONS:
NO. DATE

ISSUE DATE:
DECEMBER 16, 2025

E201

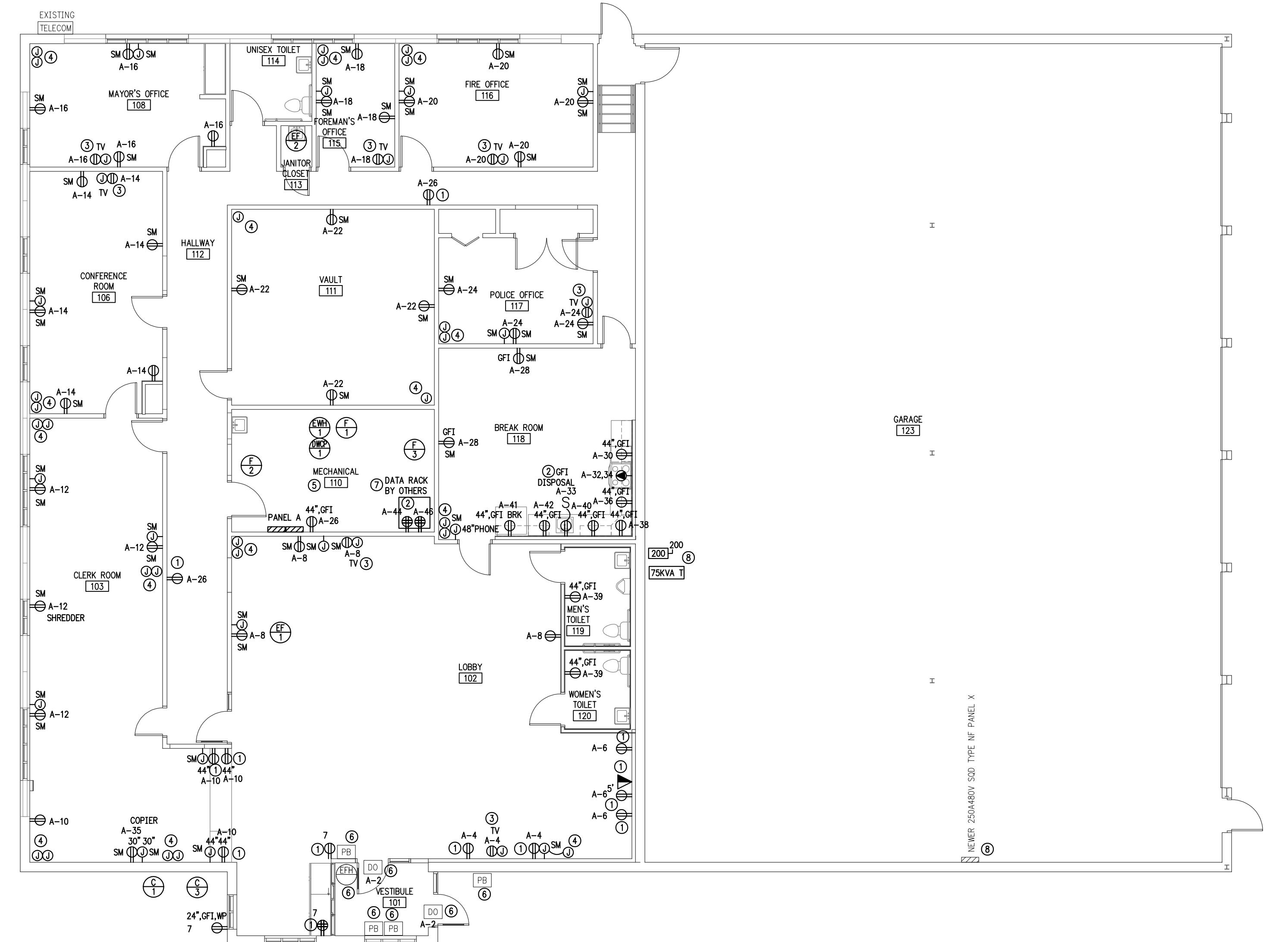
L&P PROJECT #25020

APEX
Engineering

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ARCHITECTS
L & P
ENGINEERS

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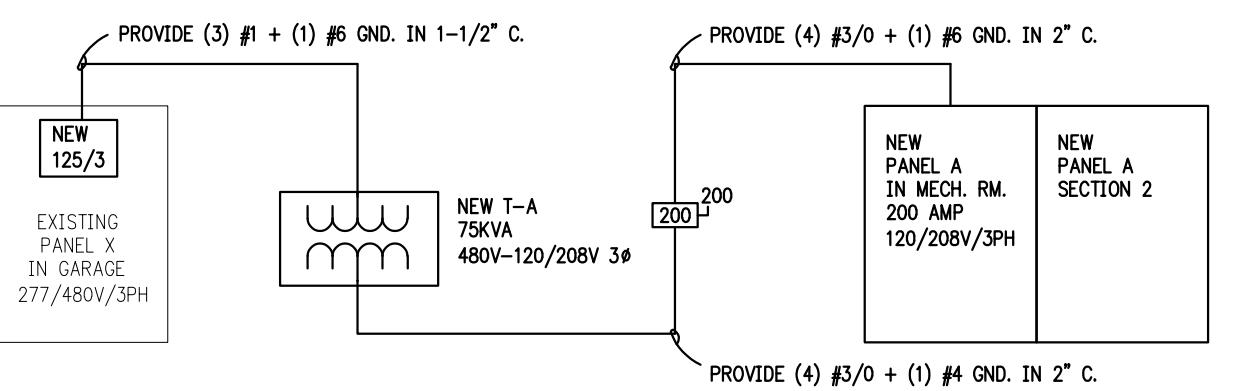
1 ELECTRICAL FLOOR PLAN
E301 (1/8" = 1'-0") (REMODEL POWER)

TRUE NORTH PLAN NORTH

MOTOR, HVAC & EQUIPMENT SCHEDULE

IDENT.	CIRCUIT #	FEEDER SIZE	CHARACTERISTICS	DISCONNECT DEVICE			STARTER			CONTROLS/CONTROL WIRING			NOTES		
				TYPE	NEMA	PROVIDE BY	LOCATION	TYPE	NEMA	PROVIDE BY	LOCATION	CHARACTERISTICS	WIRE BY	PROVIDED BY	LOCATION
C-1	A-9.11	2#10+1#10GND	19.4 MCA	208V/1PH	EXTERIOR	HEAVY DUTY NON-FUSED	3R	E.C.	AT UNIT	INTEGRAL		HVAC CONTROLS	M.C.	M.C.	1
C-2	A-13.15	2#10+1#10GND	18.6 MCA	208V/1PH	EXTERIOR	EXISTING			AT UNIT	INTEGRAL		HVAC CONTROLS	M.C.	M.C.	1
C-3	A-17.19	2#10+1#10GND	15.1 MCA	208V/1PH	EXTERIOR	HEAVY DUTY NON-FUSED	3R	E.C.	AT UNIT	INTEGRAL		HVAC CONTROLS	M.C.	M.C.	1
DWCP-1	A-51	2#12+1#12GND	FRACT.	120V/1PH	110	MOTOR RATED SNAP SWITCH	1	E.C.	AT UNIT	INTEGRAL		AQUASTAT/THERMOSTAT	E.C.	P.C.	2
EF-1	A-29	2#12+1#12GND	1/6 HP	120V/1PH	102			RELAY	1	E.C.	AT UNIT	INTERLOCK WITH F-1	E.C.	M.C.	1
EF-2	A-29	2#12+1#12GND	1/10 HP	120V/1PH	113	INTEGRAL		RELAY	1	E.C.	AT UNIT	INTERLOCK WITH F-2,3	E.C.	M.C.	1
EX. EF	A-27	2#12+1#12GND	VERIFY	120V/1PH	VESTIBULE	INTEGRAL						HVAC CONTROLS	M.C.	M.C.	1
EWH-1	A-47.49	2#10+1#10GND	4500 W	208V/1PH	110	MOTOR RATED SNAP SWITCH	1	E.C.	AT UNIT			PLUMBING CONTROLS	P.C.	P.C.	2
F-1	A-21	2#12+1#12GND	11.4 MCA	120V/1PH	110	MOTOR RATED SNAP SWITCH	1	E.C.	AT UNIT	INTEGRAL		HVAC CONTROLS	M.C.	M.C.	1
F-2	A-23	2#12+1#12GND	8 MCA	120V/1PH	110	MOTOR RATED SNAP SWITCH	1	E.C.	AT UNIT	INTEGRAL		HVAC CONTROLS	M.C.	M.C.	1
F-3	A-25	2#12+1#12GND	7.8 MCA	120V/1PH	110	MOTOR RATED SNAP SWITCH	1	E.C.	AT UNIT	INTEGRAL		HVAC CONTROLS	M.C.	M.C.	1

1. SEE MECHANICAL SHEETS FOR LOCATION OF EQUIPMENT AND COORDINATION OF WORK.
2. SEE PLUMBING SHEETS FOR LOCATIONS OF EQUIPMENT AND COORDINATION OF WORK.



2 PARTIAL POWER RISER DIAGRAM
E301 (REMODEL POWER)

ELECTRICAL NOTES:

- E.C. SHALL PROVIDE SURFACE RACEWAY ON EXISTING WALLS IN FINISHED ROOMS.
- E.C. SHALL COORDINATE WITH THE ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ALL ROOM CLASSIFICATIONS AND FIRE RATINGS PRIOR TO BIDS.
- PROVIDE GFCI, AFCI AND TR RECEPTACLES PER CODE. OWNER TO VERIFY ALL LOCATIONS.
- FINAL COORDINATION REQUIRED WITH OWNER ON ALL NEW RECEPTACLE AND DATA ROUGH-IN LOCATIONS PRIOR TO INSTALLATION.
- OWNER TO COORDINATE TELECOM AND SECURITY ITEMS. E.C. ONLY RESPONSIBLE FOR CONDUIT ROUGHINGS AND HEAD END 120V POWER. EXISTING CAMERAS MAINTAINED BY MARCO TECHNOLOGIES.
- REUSE EXISTING J-BOX AND EXISTING CONDUIT AS MUCH AS POSSIBLE.
- COORDINATE POWER REQUIREMENTS AND LOCATIONS WITH OWNER PURCHASED EQUIPMENT.
- CEILING J-BOX FOR TELECOM CABLES AND CEILING DUPLEX RECEPTACLE FOR WALL MOUNTED TV. COORDINATE LOCATION WITH ARCHITECT AND OWNER.
- PROVIDE J-BOXES ABOVE THE CEILING AND SURFACE RACEWAY FOR POWER AND TELECOM. RUN SURFACE RACEWAY DOWN THE WALL TO 18" AND 24" (48" FOR WALL PHONE) AND THEN RUN HORIZONTALLY TO WALL MOUNTED BOXES FOR DUPLEX RECEPTACLES AND TELECOM J-BOXES. SURFACE RACEWAY TO BE EQUAL TO PANDELI TYPE LOPH 5. SURFACE J-BOXES TO BE PANDELI J-BOXES. PROVIDE ALL HARDWARE AND MOUNTING HARDWARE. COLOR SHALL BE WHITE. COORDINATE ALL LOCATIONS WITH OWNER AND FURNISHERS.
- SURFACE EMT CONDUIT IS ALLOWED IN THIS ROOM FOR POWER AND DATA. COORDINATE CONDUIT ROUGH-INS FROM EXITING EXTERIOR TELECOM BOX TO NEW DATA RACK. AT A MINIMUM, PROVIDE (2) 2" PVC CONDUITS BETWEEN THE TWO FOR BIDDING PURPOSES.
- EXTEND NEW CONDUIT AND CONDUCTORS TO EXISTING EQUIPMENT. USE AS MUCH OF THE EXISTING CONDUIT AS POSSIBLE. FIELD COORDINATE WALL HEATER REQUIREMENTS IN THE VESTIBULE.
- PROVIDE GROUNDING FOR TELECOM RACK. SEE SPEC SECTION 26 05 26.
- PROVIDE A NEW 125A/3P BREAKER IN PANEL X. COORDINATE LOCATION OF EQUIPMENT WITH OWNER PRIOR TO INSTALL. MOST WORK IN THE GARAGE WILL BE PART OF PHASE 2 EXCEPT ITEMS RELATED TO THE NEW TRANSFORMER.

PANEL: A											
VOLTAGE: 208Y/120V-3P-4W											
MOUNTING: SURFACE											
FED FROM: 75 KVA TRANSFORMER IN GARAGE											
BUS RATING: 225A											
MAIN: MLO											
TYP DESCRIPTION BRK LOAD NO. PH A PH B PH C NO. LOAD BRK DESCRIPTION TYP											
N LIGHTING OFFICE NORTH	20A	1000	1	1400			2	400	20A	EXISTING AUTOMATIC DOOR	N
N LIGHTING OFFICE SOUTH	20A	1000	3		1540		4	540	20A	RECEPTACLES 102	R
N EXTERIOR LIGHTING	20A	100	5			640	6	540	20A	RECEPTACLES 102	R
N LOBBY AND EXTERIOR REC	20A	720	7	1440			8	720	20A	RECEPTACLES 102	R
N AC-1	30A	1500	9		2220		10	720	20A	RECEPTACLES 103	R
N AC-1	2P	1500	11			2220	12	720	20A	RECEPTACLES 103	R
N AC-2	30A	1500	13	2580			14	1080	20A	RECEPTACLES 106	R
N AC-2	2P	1500	15		2220		16	720	20A	RECEPTACLES 106	R
N AC-3	25A	1400	17			2120	18	720	20A	RECEPTACLES 115	R
N F-1	20A	1200	21		1920		22	720	20A	RECEPTACLES 111	R
N F-2	15A	1000	23			1720	24	720	20A	RECEPTACLES 117	R
N F-3	15A	1000	25	1540			26	540	20A	RECEPTACLES 110 & 112	R
N EXISTING EF IN VESTIBULE	20A	1000	27		1360		28	360	20A	RECEPTACLES 118	R
N EF-1, EF-2	20A	500	29			680	30	180	20A	RECEPTACLES 118	R
SPARE	20A		31	4000			32	4000	50A	ELECTRIC RANGE	N
N DISPOSAL	20A	500	33		4500		34	4000	2P	ELECTRIC RANGE	N
N COPPER	20A	1000	35			1180	36	180	20A	RECEPTACLES 118	R
SPARE	20A		37	180			38	180	20A	RECEPTACLES 118	R
SPARE	20A		39	180			40	180	20A	RECEPTACLES 118	R
N REFRIGERATOR *GFI BRK	20A	1000	41			1180	42	180	20A	RECEPTACLES 118	R
PANEL: A											
(SECTION 2)											
TYP DESCRIPTION BRK LOAD NO. PH A PH B PH C NO. LOAD BRK DESCRIPTION TYP											
SPARE	20A	43	360		44	360	20A	DATA RACK RECEPTACLE	R		
SPARE	20A	45		360		46	360	20A	DATA RACK RECEPTACLE	R	
N EWH	30A	2250	47			2250	48	20A	SPARE		
N EWH	2P	2250	49	2250			50	20A	SPARE		
N DWCP-1	15A	50	51	50			52	20A	SPARE		
SPARE	20A		53		0	54	20A	SPARE			
SPARE	20A		55	0	54	56	20A	SPARE			
SPARE	20A		57	0	58	58	20A	SPARE			
SPACE ONLY		59	0	60							SPACE ONLY
SPACE ONLY		61	0	62							SPACE ONLY
SPACE ONLY		63	0	64							SPACE ONLY
SPACE ONLY		65	0	66							SPACE ONLY
SPACE ONLY		67									