

D1 PUTTY PACKS
1"=1'-0"
SOUND WALLS & EXT. WALLS

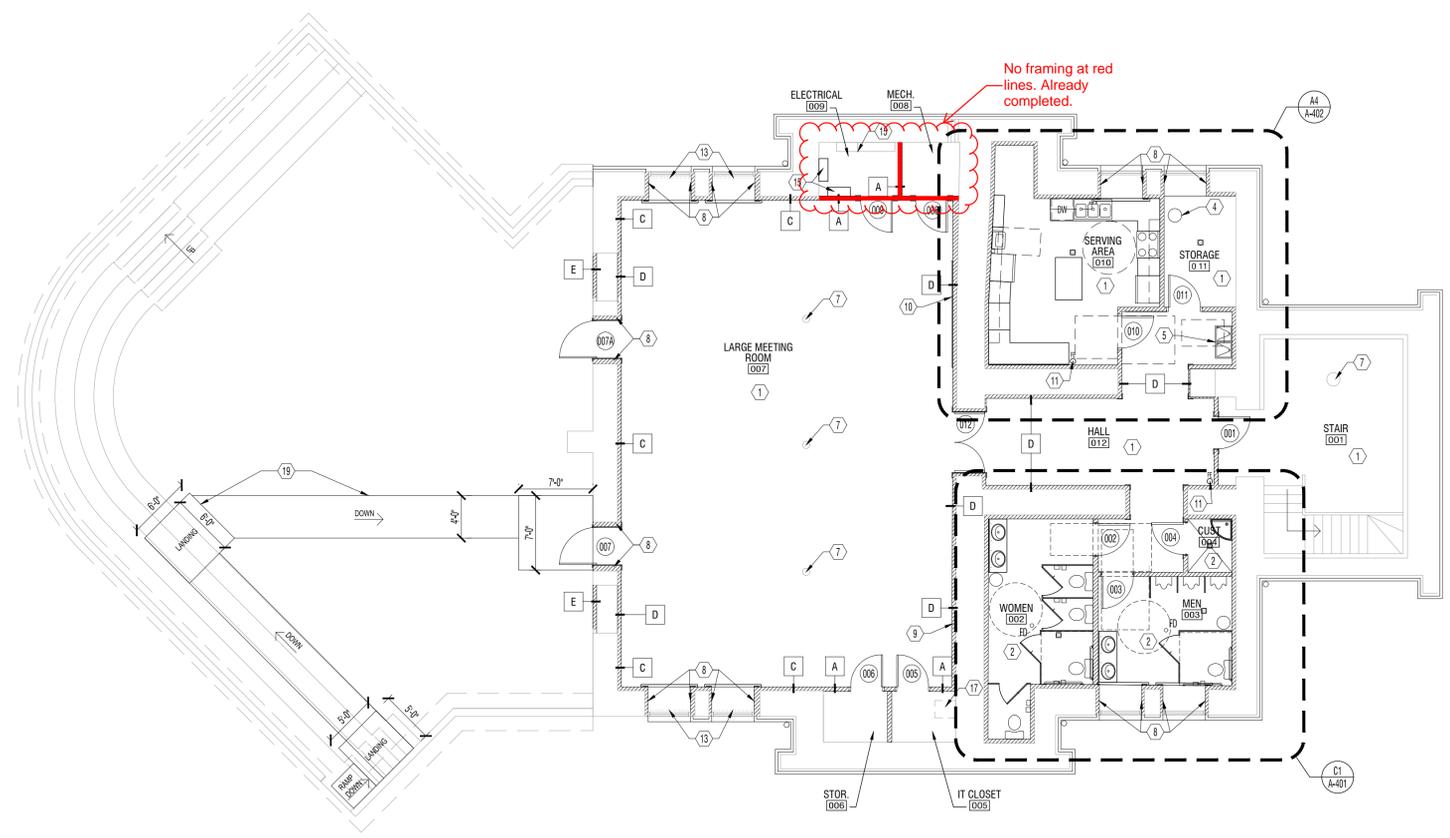
D2 SOUND SEALANT
1"=1'-0"

FLOOR PLAN KEYNOTES	
LOWER FLOOR	
1.	CONCRETE FLOOR SLAB - NEW - TYPICAL - MATCH TOP OF COLUMN FOOTING ± 6 1/2"
2.	CONCRETE FLOOR SLAB - NEW - 2" REGRESSED SLAB TO ACCOMMODATE CERAMIC TILE - SLOPE TO FLOOR DRAIN (FD) WHERE OCCURS
3.	NOT USED
4.	SLUMP - (SEE PLUMBING DRAWINGS)
5.	ELECTRIC WATER COOLER - ONE MOUNTED AT ADA HEIGHT
6.	NOT USED
7.	COLUMN - EXISTING
8.	WINDOW / DOOR - FURR OUT EXISTING OPENING (BOTTOM AND SIDES) FOR WINDOW TO BE CENTERED UNDER EXISTING EXTERIOR STONE HEADER
9.	DRY MARKER BOARD - 8'-0" - CENTER ON CEILING GRID ABOVE
10.	DRY MARKER BOARD - 10'-0" - CENTER ON CEILING GRID ABOVE
11.	FIRE EXTINGUISHER HOOK
12.	NOT USED
13.	ROLLER SHADES-MANUAL- SHOWN --- PROVIDE IN TRANSOM OVER DOOR WHERE INDICATED.
14.	NOT USED
15.	ELECTRICAL PANELS-NEW SEE ELECTRICAL
16.	NOT USED
17.	REMOVE AND RELOCATE EXISTING BELL TOWER SOUND EQUIPMENT HERE
18.	CONCRETE FLOOR SLAB
19.	WOOD FRAME RAMP AND LANDING W/ SLIP RESISTANT SURFACE. EXACT LENGTH OF RUN TO BE COORDINATED WITH CURRENT ACCESSIBILITY STANDARDS.

GENERAL NOTES:

- SEE SHEET A-432 FOR FINISH SCHEDULE

WALL TYPES MODIFIED	
A	<p>5/8" GYPSUM BOARD / GYPSUM BACKER BOARD @ WET AREAS SOUND ATTENUATION BLANKET (WHERE INDICATED) 9-5/8" METAL STUD @ 16" O.C. 3 1/2" wood stud 5/8" GYPSUM BOARD / GYPSUM BACKER BOARD @ WET AREAS</p> <p>* INSULATION AS NOTED IN PLAN</p>
B	<p>5/8" GYPSUM BOARD / GYPSUM BACKER BOARD @ WET AREAS SOUND ATTENUATION BLANKET (WHERE INDICATED) 6" METAL STUD @ 16" O.C. 6" wood stud 5/8" GYPSUM BOARD / GYPSUM BACKER BOARD @ WET AREAS</p> <p>* INSULATION AS NOTED IN PLAN</p>
C	<p>EXISTING WALL CONDITION (STONE CONCRETE) 3" SPRAY FOAM INSULATION @ EXT. WALL ONLY 9-5/8" METAL STUD @ 16" O.C. SMALLER STUD ALLOWED AT WINDOW RETURNS IF NEEDED. 3 1/2" wood stud 5/8" GYPSUM BOARD / GYPSUM BACKER BOARD @ WET AREAS</p> <p>NOTE: NARROWER STUD ALLOWED AS REDO TO ALIGN WITH WINDOW AND FINISHES</p>
D	<p>EXISTING WALL CONDITION (AIR GAP) 9-5/8" METAL STUD @ 16" O.C. 3 1/2" wood stud 5/8" GYPSUM BOARD / GYPSUM BACKER BOARD @ WET AREAS</p>
E	<p>4" STONE VENEER HOUSE WRAP 5/8" GYPSUM BACKER BOARD 9-5/8" METAL STUD @ 16" O.C. 3" SPRAY FOAM INSULATION 3 1/2" wood stud</p>



A1 BASEMENT FLOOR PLAN
1/8"=1'-0"

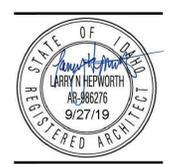


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795 NORTH 400 WEST SALT LAKE CITY UT 84103

**ONEIDA STAKE ACADEMY
BASEMENT & HVAC REHABILITATION**
90 EAST ONEIDA STREET, PRESTON, ID 83263
ONEIDA STAKE ACADEMY FOUNDATION
P.O. BOX 365, PRESTON, ID 83263

MARK	DATE	DESCRIPTION
2	04/20/2022	KEYNOTE UPDATES

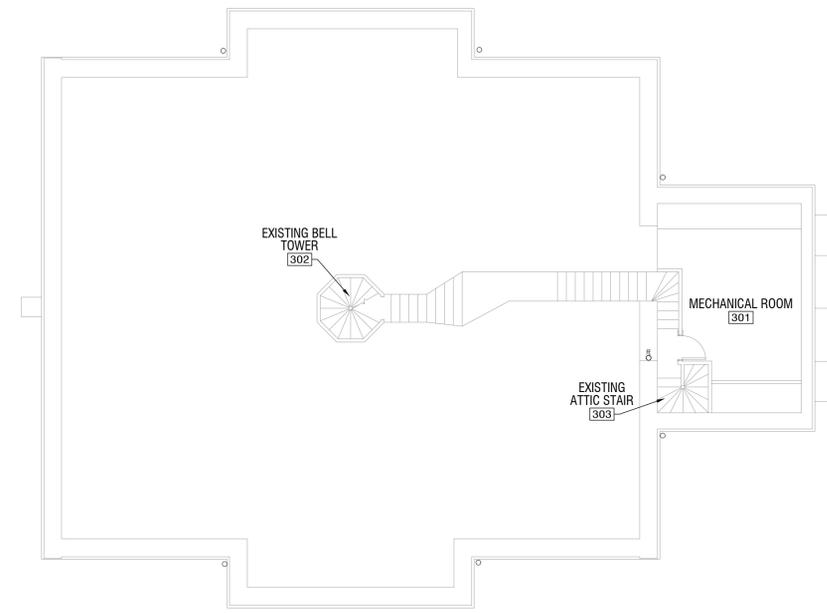
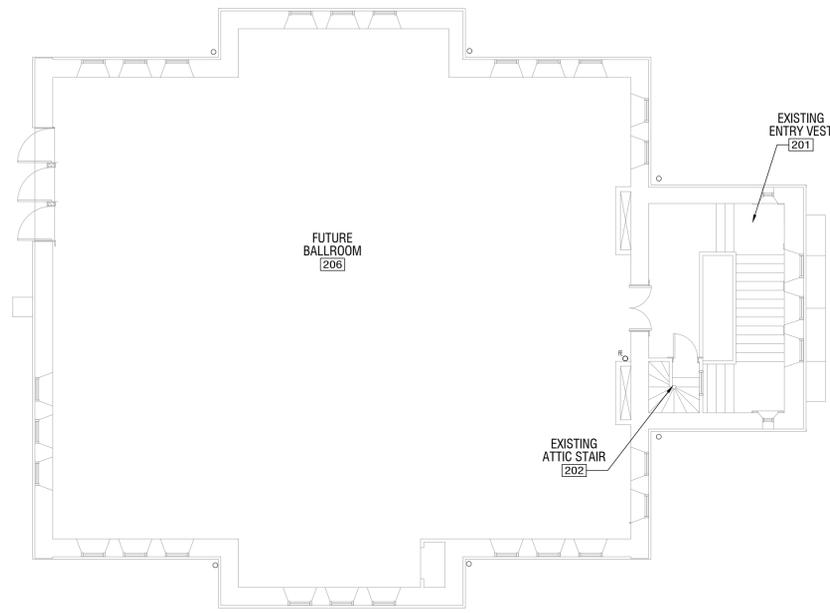
PROJECT #: 112071
DRAWN BY: GIANG
CHECKED BY: LEMON
ISSUED: 09/27/2019



BASEMENT FLOOR PLAN

A-100
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FOR CONSTRUCTION



C1 SECOND FLOOR PLAN

1/8"=1'-0"

C2 ATTIC FLOOR PLAN

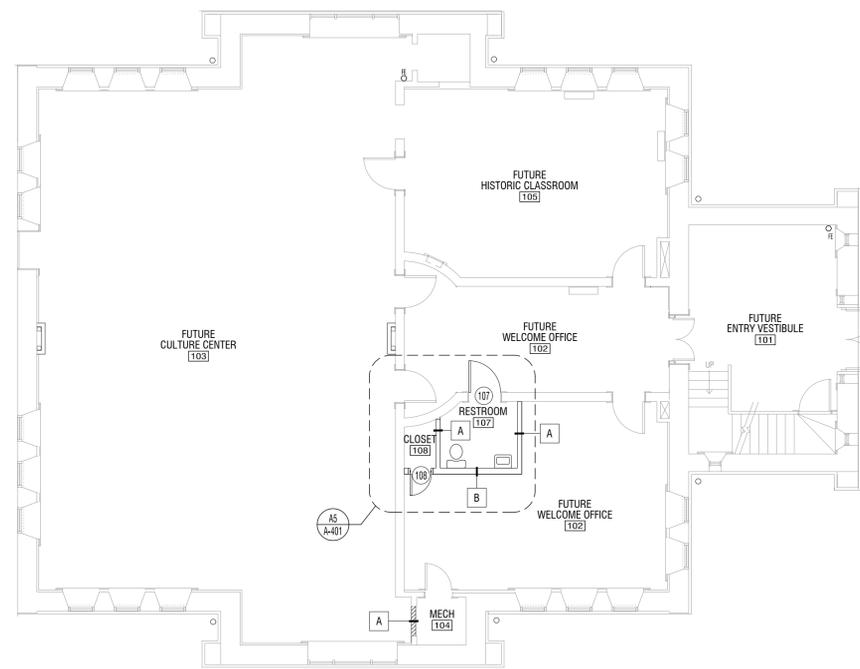
1/8"=1'-0"

FLOOR PLAN GENERAL NOTES

MAIN FLOOR

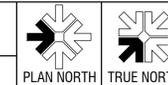
1. ALL WALLS, DOORS, FINISHES, WINDOWS, AND STAIRS ARE EXISTING TO REMAIN U.N.O.
2. SEE SHEET A-432 FOR FINISH SCHEDULE

NOTE: All exterior framed walls will need to be furred out to match wall type C. Typical on all floors. Wall types listed on sheet A-100



A1 MAIN FLOOR PLAN

1/8"=1'-0"



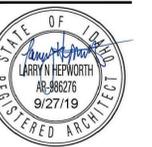
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**ONEIDA STAKE ACADEMY
 BASEMENT & HVAC REHABILITATION**
 90 EAST ONEIDA STREET, PRESTON, ID 83263
 ONEIDA STAKE ACADEMY FOUNDATION
 P.O. BOX 385, PRESTON, ID 83263

FOR CONSTRUCTION

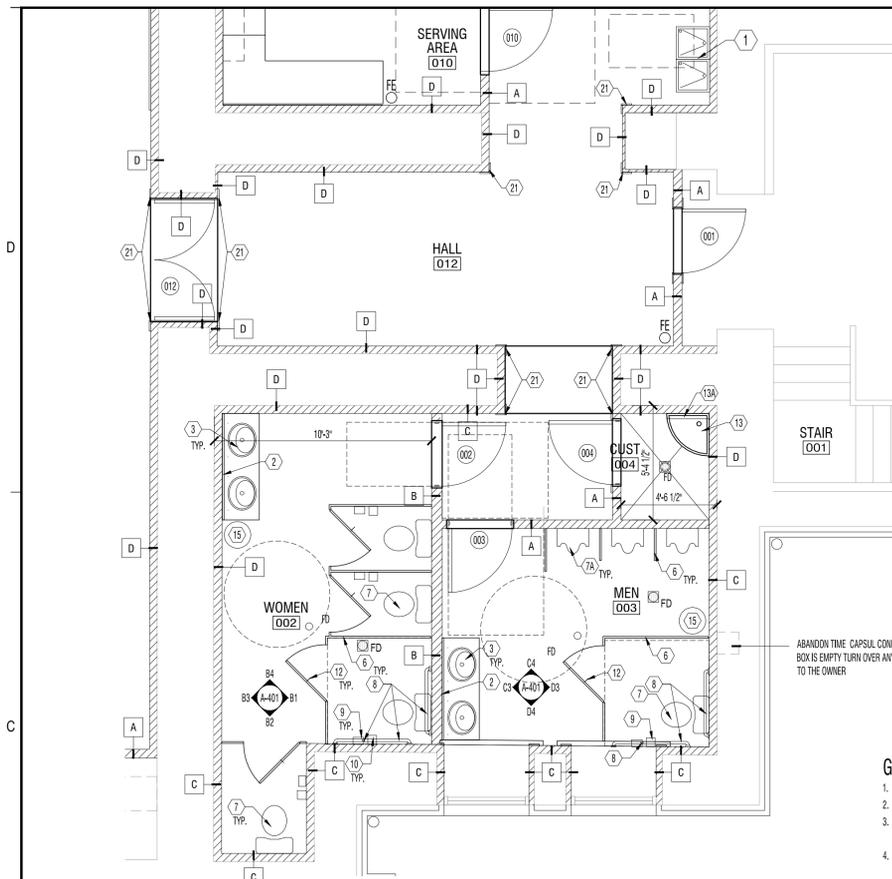
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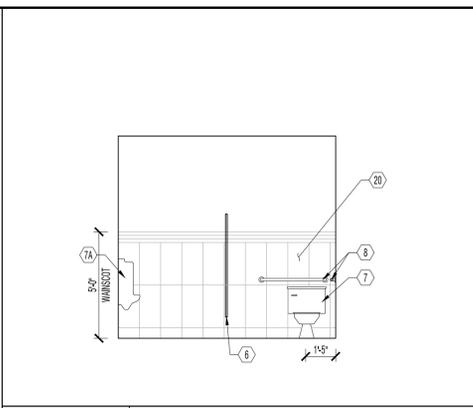
MAIN FLOOR
 PLAN

A-101

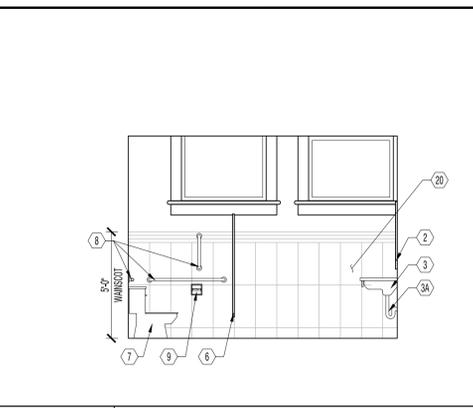


- GENERAL NOTES**
- SEE 1/8" SCALE PLANS FOR STANDARD NOTES AND WALL TYPES
 - SEE SHEET A-01 STANDARD HEIGHTS
 - HEIGHTS CALLED OUT ON SINKS ARE FROM FINISHED FLOOR TO TOP OF RIM. VERIFY ALL HEIGHTS TO MEET ADA REQUIREMENTS
 - OVERHEAD BRACED TOILET PARTITIONS, TYP.

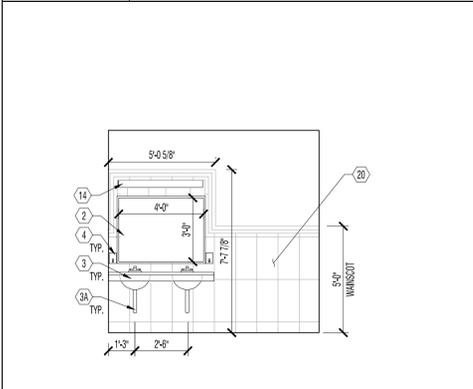
ABANDON TIME CAPSUL CONFIRM BOX IS EMPTY TURN OVER ANY ITEMS TO THE OWNER



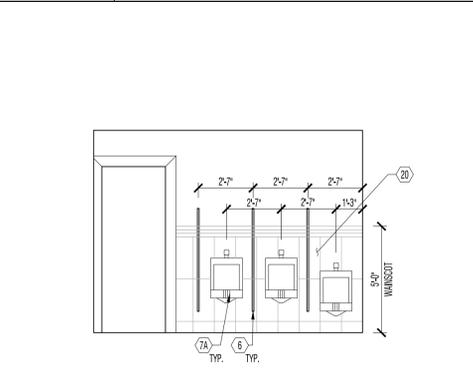
D3 MEN RESTROOM
1/4" = 1'-0"



D4 MEN RESTROOM
1/4" = 1'-0"



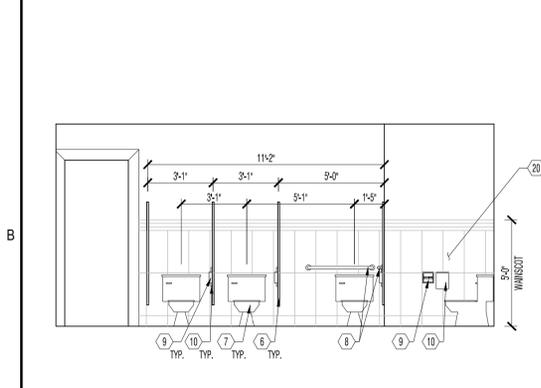
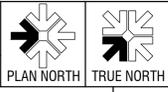
C3 MEN RESTROOM
1/4" = 1'-0"



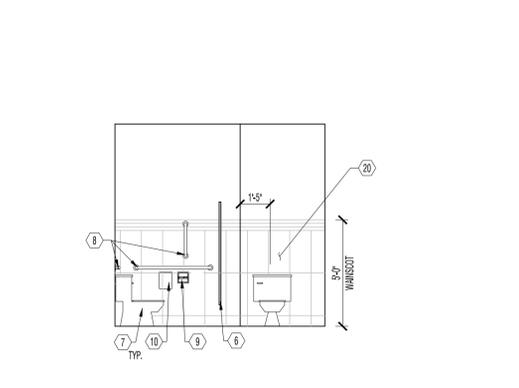
C4 MEN RESTROOM
1/4" = 1'-0"

INTERIOR ELEVATION KEYED NOTES			
#	DESCRIPTION	MANUFACTURER / NOTES	RESPONSIBILITY
1	DRINKING FOUNTAIN	REFER TO PLUMBING DRAWINGS	CFCI
2	MIRROR, SEE ELEVATIONS FOR SIZE	BOBRICK, B-162 STAINLESS STEEL FRAME	CFCI
3	SINK	REFER TO PLUMBING DRAWINGS	CFCI
3A	PROVIDE PROTECTIVE PIPE INSULATION AT ALL EXPOSED PIPE	-	CFCI
4	SOAP DISPENSER	BOBRICK, 818615 STAINLESS STEEL	CFCI
5	PAPER TOWEL DISPENSER	BOBRICK, B-262 STAINLESS STEEL	CFCI
6	TOILET / URINAL PARTITION	-	CFCI
7	TOILET	REFER TO PLUMBING SPECIFICATION	CFCI
7A	URINAL	REFER TO PLUMBING SPECIFICATION	CFCI
8	GRAB BAR	BOBRICK, B-5006 STAINLESS STEEL, REFER TO A-401/A1 FOR SIZES	CFCI
9	TOILET PAPER DISPENSER	BOBRICK, B-2888 STAINLESS STEEL	CFCI
10	FEMINE NAPKIN DISPOSAL	BOBRICK, B-270 STAINLESS STEEL	CFCI
11	MILL WORK	-	CFCI
12	ROBE HOOK	BOBRICK, B-2116 STAINLESS STEEL	CFCI
13	MOP SINK	-	CFCI
13A	MOP AND BROOM HOLDER	BOBRICK, B-223X24 STAINLESS STEEL	CFCI
14	LIGHT FIXTURE	SEE ELECTRICAL	CFCI
15	TRASH BIN	-	OFBI
16	STOVE	-	OFBI
17	DISHWASHER	-	OFBI
18	EXIT SIGN	-	CFCI
19	REFRIGERATOR	-	OFBI
20	SEE TYPICAL TILE LAYOUT	-	-
21	WOOD TRIM SEE 02/A-601	-	-

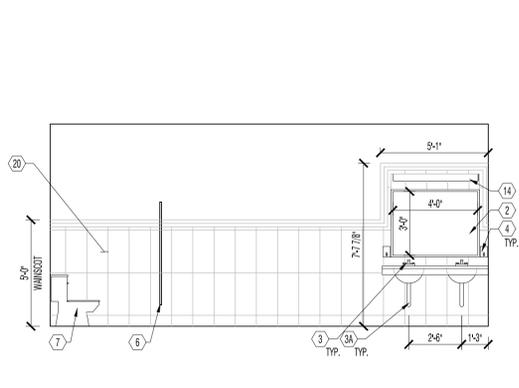
C1 ENLARGED RESTROOMS
1/4" = 1'-0"



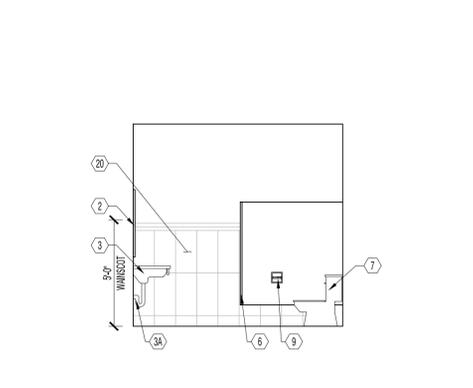
B1 WOMEN RESTROOM
1/4" = 1'-0"



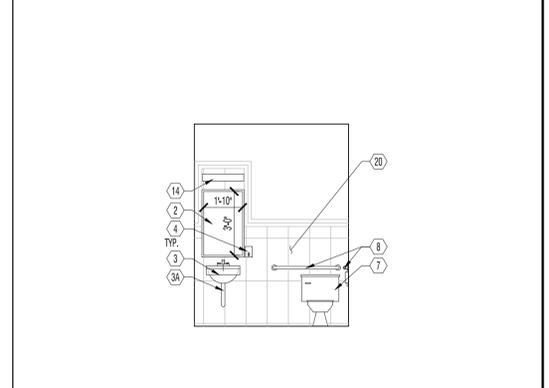
B2 WOMEN RESTROOM
1/4" = 1'-0"



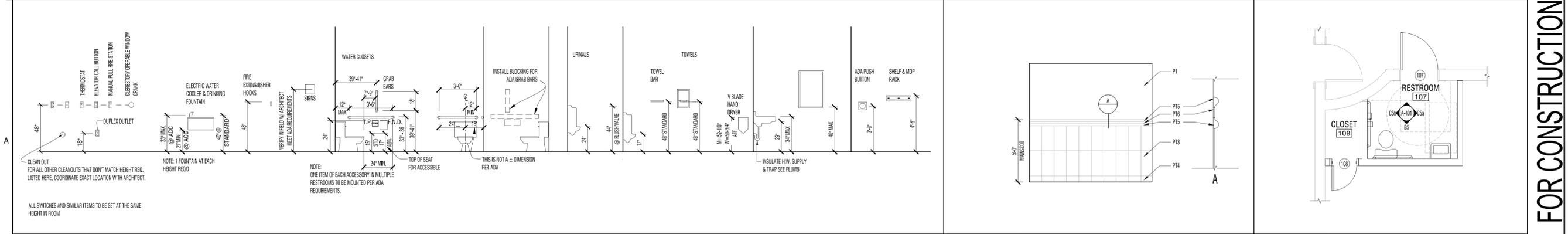
B3 WOMEN RESTROOM
1/4" = 1'-0"



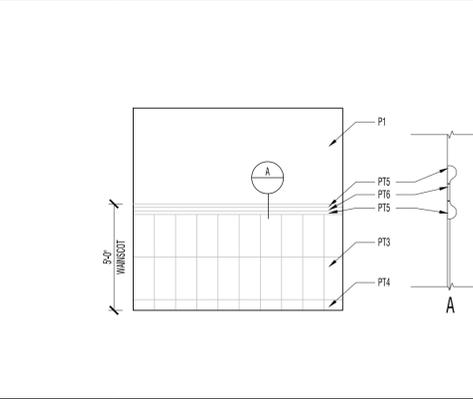
B4 WOMEN RESTROOM
1/4" = 1'-0"



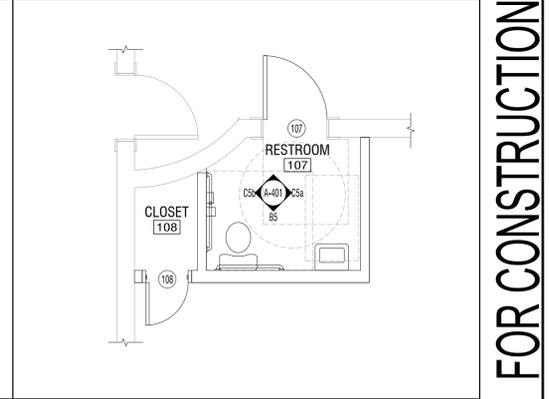
B5 ADA RESTROOM
1/4" = 1'-0"



A1 TYPICAL ADA MOUNTING HEIGHTS
1/4" = 1'-0"



A4 TYPICAL TILE LAYOUT
1/4" = 1'-0"



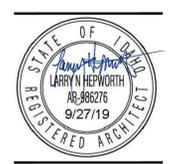
A5 ENLARGED ADA RESTROOM
1/4" = 1'-0"

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ONEIDA STAKE ACADEMY BASEMENT & HVAC REHABILITATION
90 EAST ONEIDA STREET PRESTON, ID 83263
ONEIDA STAKE ACADEMY FOUNDATION
P.O. BOX 365 PRESTON, ID 83263

MARK	DATE	DESCRIPTION
1	08/30/2021	DIMENSIONS ADDED

PROJECT #: 112071
DRAWN BY: GIANG
CHECKED BY: LEMON
ISSUED: 09/27/2019

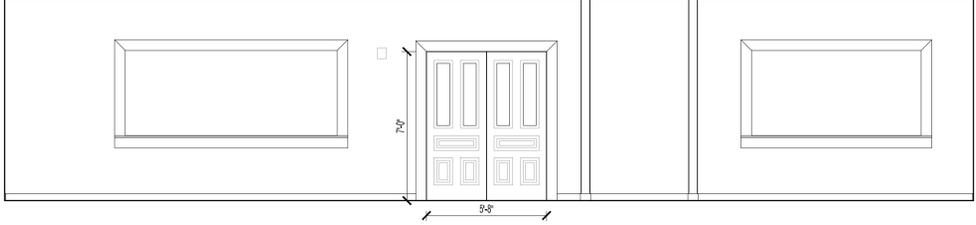
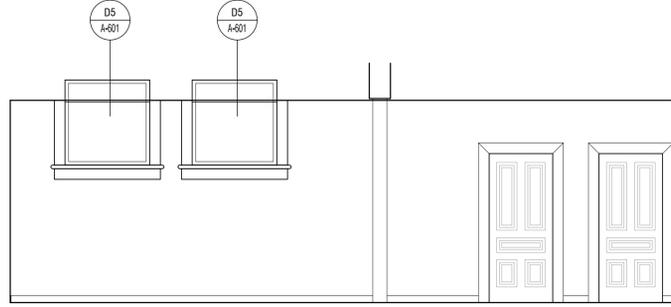


FOR CONSTRUCTION

INTERIOR ELEVATIONS

A-401

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INTERIOR ELEVATION KEYED NOTES			
#	DESCRIPTION	MANUFACTURER / NOTES	RESPONSIBILITY
1	DRINKING FOUNTAIN	REFER TO PLUMBING DRAWINGS	CFCI
2	MIRROR, SEE ELEVATIONS FOR SIZE	BOBRICK, B-162 STAINLESS STEEL FRAME	CFCI
3	SINK	REFER TO PLUMBING DRAWINGS	CFCI
3A	PROVIDE PROTECTIVE PIPE INSULATION AT ALL EXPOSED PIPE	--	CFCI
4	SOAP DISPENSER	BOBRICK, B18615 STAINLESS STEEL	CFCI
5	PAPER TOWEL DISPENSER	BOBRICK, B-262 STAINLESS STEEL	CFCI
6	TOILET / URINAL PARTITION	--	CFCI
7	TOILET	REFER TO PLUMBING SPECIFICATION	CFCI
7A	URINAL	REFER TO PLUMBING SPECIFICATION	CFCI
8	GRAB BAR	BOBRICK, B-5065 STAINLESS STEEL, REFER TO A-401/A FOR SIZES	CFCI
9	TOILET PAPER DISPENSER	BOBRICK, B-2888 STAINLESS STEEL	CFCI
10	FEMININE NAPKIN DISPOSAL	BOBRICK, B-270 STAINLESS STEEL	CFCI
11	MILLWORK	--	CFCI
12	ROBE HOOK	BOBRICK, B-2116 STAINLESS STEEL	CFCI
13	MOP SINK	--	CFCI
13A	MOP AND BROOM HOLDER	BOBRICK, B-223X24 STAINLESS STEEL	CFCI
14	LIGHT FIXTURE	SEE ELECTRICAL	CFCI
15	TRASH BIN	--	OFCI
16	STOVE	--	OFCI
17	DISHWASHER	--	OFCI
18	EXIT SIGN	--	CFCI
19	REFRIGERATOR	--	OFCI
20	SEE TYPICAL TILE LAYOUT	--	--
21	WOOD TRIM SEE D2/A-601	--	--

D1 LARGE MEETING ROOM

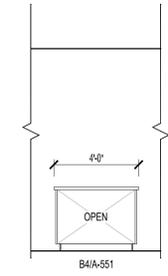
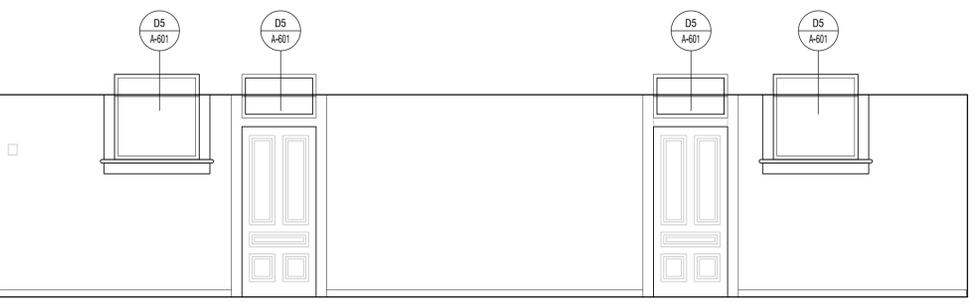
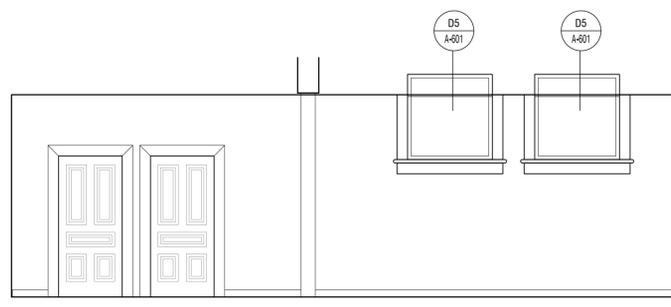
D2 LARGE MEETING ROOM

1/4" = 1'-0"

WEST

1/4" = 1'-0"

NORTH



C1 LARGE MEETING ROOM

C2 LARGE MEETING ROOM

C5 SERVING AREA

1/4" = 1'-0"

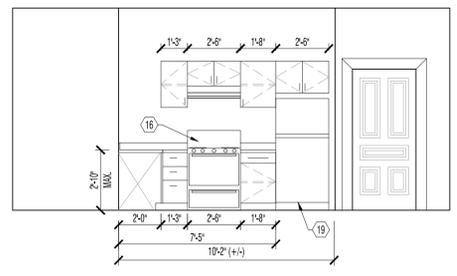
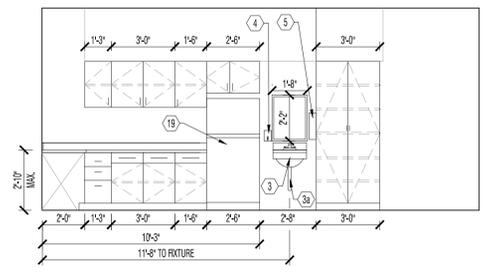
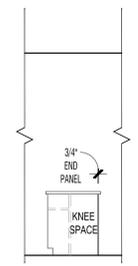
EAST

1/4" = 1'-0"

SOUTH

1/4" = 1'-0"

ISLAND - NORTH



- GENERAL NOTES
- SEE 1/8" SCALE PLANS FOR STANDARD NOTES AND WALL TYPES
 - SEE SHEET A-401 FOR STANDARD HEIGHTS
 - HEIGHTS CALLED OUT ON SINKS ARE FROM FINISHED FLOOR TO TOP OF RIM. VERIFY ALL HEIGHTS TO MEET ADA REQUIREMENTS

B1 SERVING AREA

B2 SERVING AREA

B3 SERVING AREA

1/4" = 1'-0"

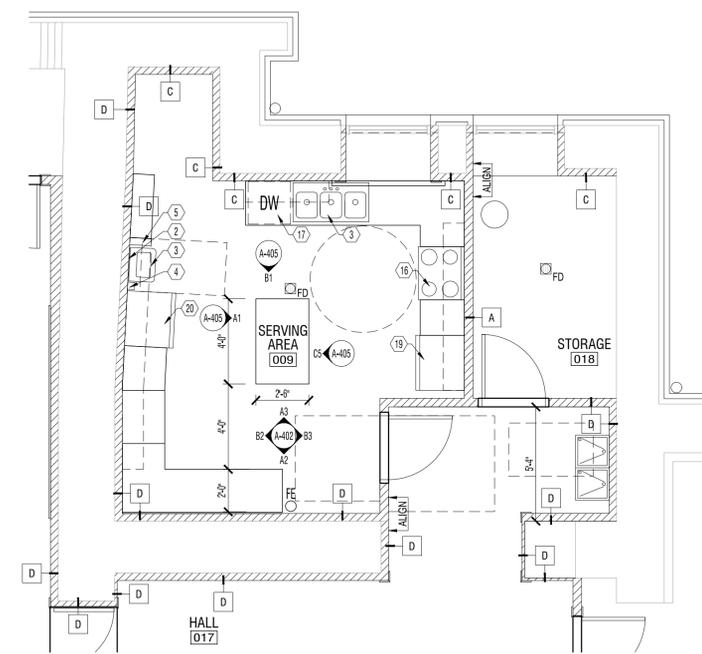
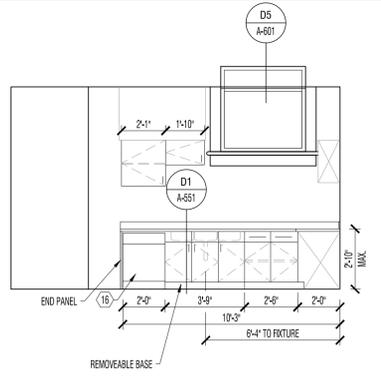
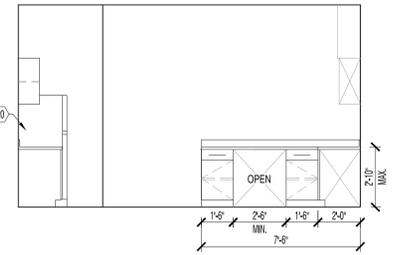
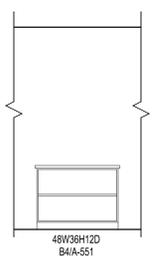
ISLAND - EAST - WEST OPP

1/4" = 1'-0"

WEST

1/4" = 1'-0"

NORTH



A1 SERVING AREA

A2 SERVING AREA

A3 SERVING AREA

A4 ENLARGED SERVING AREA

1/4" = 1'-0"

ISLAND - SOUTH

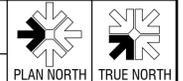
1/4" = 1'-0"

EAST

1/4" = 1'-0"

SOUTH

1/4" = 1'-0"

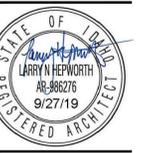


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BASEMENT & HVAC REHABILITATION
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P.O. BOX 365 PRESTON, ID 83263

MARK	DATE	DESCRIPTION
1	08/30/2021	DIMENSIONS ADDED

PROJECT #: 112071
DRAWN BY: JOLLEY
CHECKED BY: LEMON
ISSUED: 09/27/2019



INTERIOR ELEVATION

A-402

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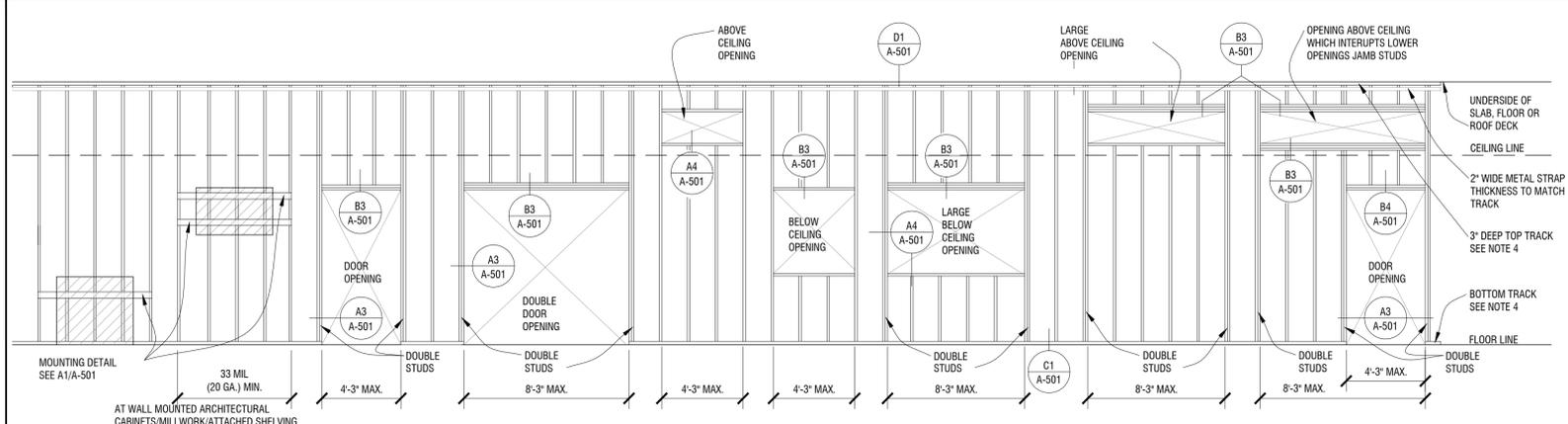
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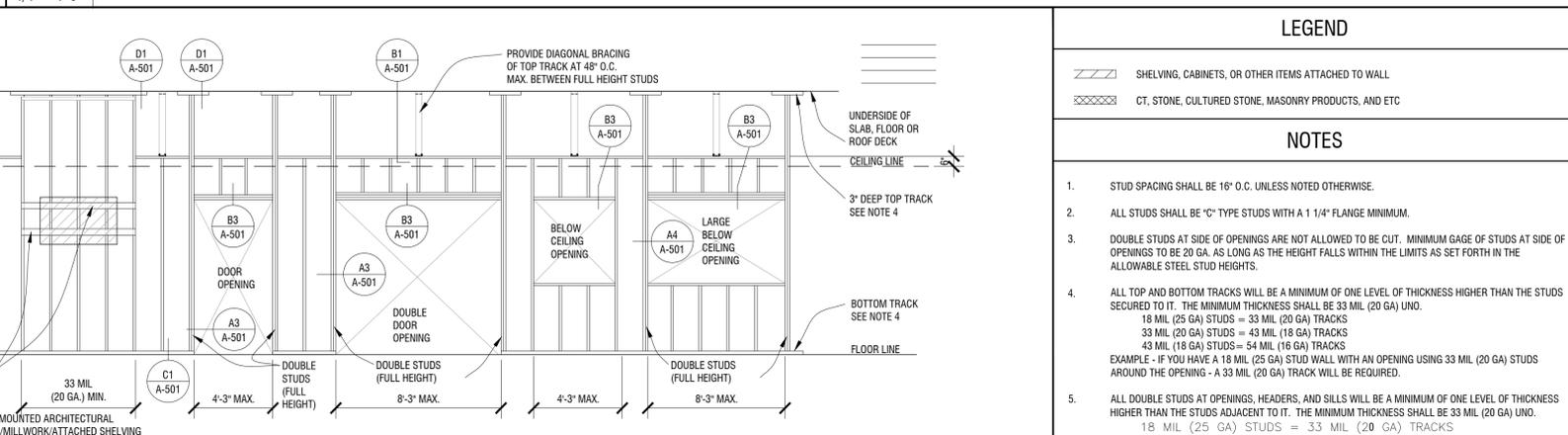


**STEEL STUD
 FRAMING**

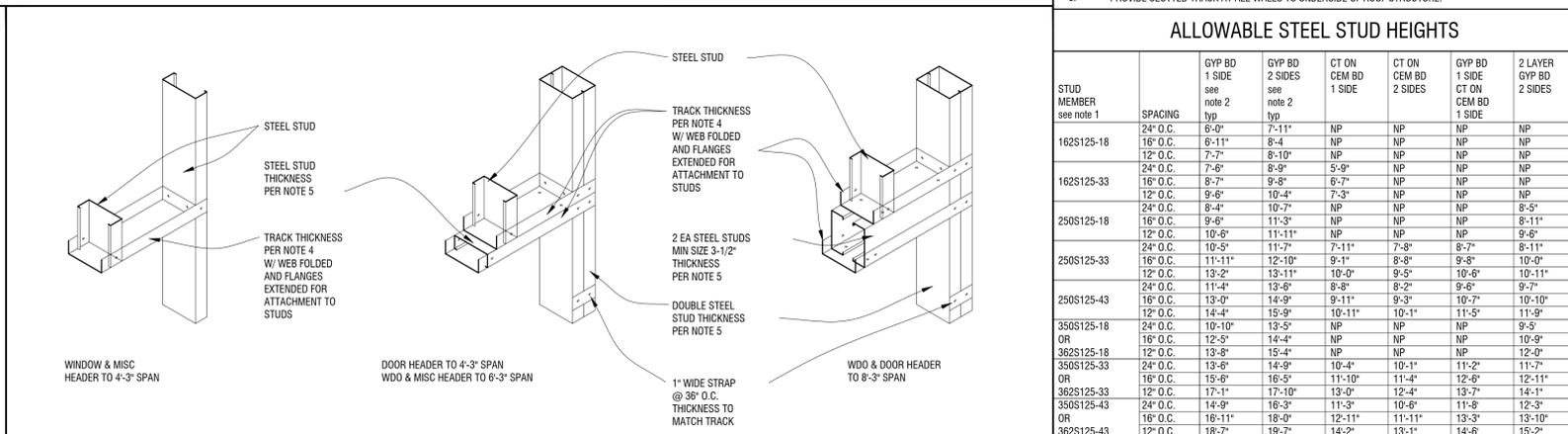
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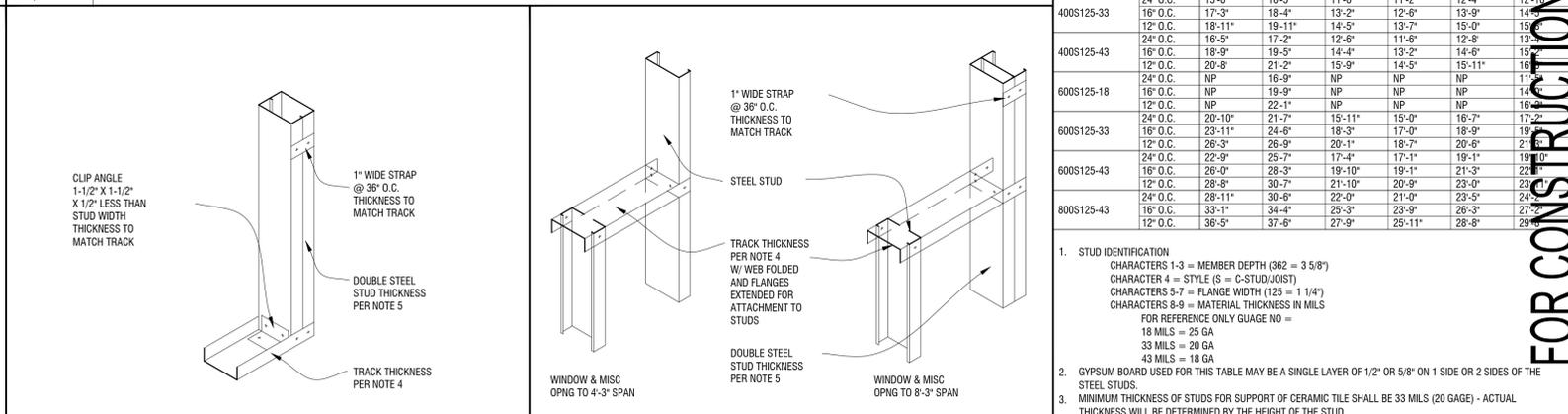
D3 TYP STEEL STUDS TO B.O. STRUCTURE ELEVATION
 1/4" = 1'-0"



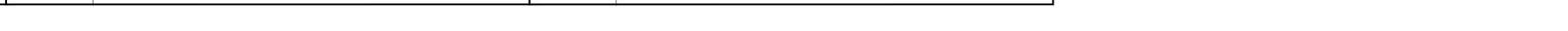
C2 TYP STEEL STUDS EXTENDED TO CEILING HEIGHT ELEVATION
 1/4" = 1'-0"



B1 DIAGONAL BRACE DETAIL
 1-1/2" = 1'-0"



B2 CEILING FRAMING DETAILS
 1-1/2" = 1'-0"



B3 OPENING HEADERS
 1-1/2" = 1'-0"

A3 END OF WALL / DOOR JAMB
 1-1/2" = 1'-0"

A4 OPENING SILLS
 1-1/2" = 1'-0"

A1 WALL BLOCKING
 1-1/2" = 1'-0"

- LEGEND**
- SHELVING, CABINETS, OR OTHER ITEMS ATTACHED TO WALL
 - CT, STONE, CULTURED STONE, MASONRY PRODUCTS, AND ETC
- NOTES**
- STUD SPACING SHALL BE 16" O.C. UNLESS NOTED OTHERWISE.
 - ALL STUDS SHALL BE "C" TYPE STUDS WITH A 1 1/4" FLANGE MINIMUM.
 - DOUBLE STUDS AT SIDE OF OPENINGS ARE NOT ALLOWED TO BE CUT. MINIMUM GAGE OF STUDS AT SIDE OF OPENINGS TO BE 20 GA. AS LONG AS THE HEIGHT FALLS WITHIN THE LIMITS AS SET FORTH IN THE ALLOWABLE STEEL STUD HEIGHTS.
 - ALL TOP AND BOTTOM TRACKS WILL BE A MINIMUM OF ONE LEVEL OF THICKNESS HIGHER THAN THE STUDS SECURED TO IT. THE MINIMUM THICKNESS SHALL BE 33 MIL (20 GA) TRACKS
 18 MIL (25 GA) STUDS = 33 MIL (20 GA) TRACKS
 33 MIL (20 GA) STUDS = 43 MIL (18 GA) TRACKS
 43 MIL (18 GA) STUDS = 54 MIL (16 GA) TRACKS
 EXAMPLE - IF YOU HAVE A 18 MIL (25 GA) STUD WALL WITH AN OPENING USING 33 MIL (20 GA) STUDS AROUND THE OPENING - A 33 MIL (20 GA) TRACK WILL BE REQUIRED.
 - ALL DOUBLE STUDS AT OPENINGS, HEADERS, AND SILLS WILL BE A MINIMUM OF ONE LEVEL OF THICKNESS HIGHER THAN THE STUDS ADJACENT TO IT. THE MINIMUM THICKNESS SHALL BE 33 MIL (20 GA) UNDO.
 18 MIL (25 GA) STUDS = 33 MIL (20 GA) TRACKS
 33 MIL (20 GA) STUDS = 43 MIL (18 GA) TRACKS
 43 MIL (18 GA) STUDS = 54 MIL (16 GA) TRACKS
 - PROVIDE SLOTTED TRACK AT ALL WALLS TO UNDERSIDE OF ROOF STRUCTURE.

ALLOWABLE STEEL STUD HEIGHTS

STUD MEMBER see note 1	SPACING	GYP BD		CT ON		GYP BD		2 LAYER	
		1 SIDE	2 SIDES	1 SIDE	2 SIDES	CT ON	GYP BD	CT ON	GYP BD
1625125-18	24" O.C.	8'-0"	7'-11"	NP	NP	NP	NP	NP	NP
	16" O.C.	6'-11"	8'-4"	NP	NP	NP	NP	NP	NP
	12" O.C.	7'-7"	8'-10"	NP	NP	NP	NP	NP	NP
1625125-33	24" O.C.	7'-6"	8'-9"	NP	NP	NP	NP	NP	NP
	16" O.C.	6'-7"	9'-6"	NP	NP	NP	NP	NP	NP
	12" O.C.	9'-4"	10'-4"	NP	NP	NP	NP	NP	NP
2505125-18	24" O.C.	8'-4"	10'-7"	NP	NP	NP	NP	NP	8'-5"
	16" O.C.	9'-6"	11'-3"	NP	NP	NP	NP	NP	8'-11"
	12" O.C.	10'-6"	11'-11"	NP	NP	NP	NP	NP	9'-6"
2505125-33	24" O.C.	10'-5"	11'-7"	NP	NP	NP	NP	NP	8'-7"
	16" O.C.	11'-11"	12'-10"	NP	NP	NP	NP	NP	10'-0"
	12" O.C.	13'-2"	13'-11"	NP	NP	NP	NP	NP	10'-11"
2505125-43	24" O.C.	11'-4"	13'-6"	8'-8"	8'-2"	9'-6"	9'-7"	NP	NP
	16" O.C.	13'-0"	14'-9"	9'-11"	9'-3"	10'-7"	10'-10"	NP	NP
	12" O.C.	14'-4"	15'-9"	10'-11"	10'-1"	11'-5"	11'-9"	NP	NP
3505125-18	24" O.C.	10'-10"	13'-5"	NP	NP	NP	NP	NP	9'-5"
	16" O.C.	12'-5"	14'-4"	NP	NP	NP	NP	NP	10'-9"
	12" O.C.	13'-8"	15'-4"	NP	NP	NP	NP	NP	12'-0"
3505125-33	24" O.C.	13'-6"	14'-9"	10'-4"	10'-1"	11'-2"	11'-7"	NP	NP
	16" O.C.	15'-6"	16'-5"	11'-10"	11'-4"	12'-6"	12'-11"	NP	NP
	12" O.C.	17'-1"	17'-10"	13'-0"	12'-4"	13'-7"	14'-1"	NP	NP
3505125-43	24" O.C.	14'-9"	16'-3"	11'-3"	10'-6"	11'-8"	12'-3"	NP	NP
	16" O.C.	16'-11"	18'-0"	12'-11"	11'-11"	13'-3"	13'-10"	NP	NP
	12" O.C.	18'-7"	19'-7"	14'-2"	13'-1"	14'-6"	15'-2"	NP	NP
3825125-43	24" O.C.	12'-0"	14'-2"	NP	NP	NP	NP	NP	10'-5"
	16" O.C.	13'-9"	15'-4"	NP	NP	NP	NP	NP	11'-11"
	12" O.C.	15'-1"	16'-5"	NP	NP	NP	NP	NP	13'-0"
4005125-18	24" O.C.	15'-0"	16'-5"	11'-6"	11'-2"	12'-4"	12'-10"	NP	NP
	16" O.C.	17'-3"	18'-4"	13'-2"	12'-9"	13'-9"	14'-6"	NP	NP
	12" O.C.	18'-11"	19'-11"	14'-5"	13'-7"	15'-0"	15'-9"	NP	NP
4005125-33	24" O.C.	16'-5"	17'-2"	12'-6"	11'-5"	12'-8"	13'-3"	NP	NP
	16" O.C.	18'-9"	19'-5"	14'-4"	13'-2"	14'-6"	15'-2"	NP	NP
	12" O.C.	20'-8"	21'-2"	15'-9"	14'-5"	15'-11"	16'-6"	NP	NP
6005125-18	24" O.C.	NP	16'-9"	NP	NP	NP	NP	NP	11'-1"
	16" O.C.	NP	19'-9"	NP	NP	NP	NP	NP	14'-0"
	12" O.C.	NP	22'-11"	NP	NP	NP	NP	NP	16'-9"
6005125-33	24" O.C.	20'-10"	21'-7"	15'-11"	15'-0"	16'-7"	17'-2"	NP	NP
	16" O.C.	23'-11"	24'-6"	18'-3"	17'-0"	18'-9"	19'-4"	NP	NP
	12" O.C.	26'-3"	26'-9"	20'-1"	18'-7"	20'-6"	21'-1"	NP	NP
8005125-43	24" O.C.	22'-9"	25'-7"	17'-4"	17'-1"	19'-1"	19'-0"	NP	NP
	16" O.C.	26'-0"	28'-3"	19'-10"	19'-11"	21'-3"	22'-0"	NP	NP
	12" O.C.	28'-9"	30'-7"	21'-10"	20'-9"	23'-0"	24'-0"	NP	NP

- STUD IDENTIFICATION
 CHARACTER 1-3 = MEMBER DEPTH (3/2 = 3 5/8")
 CHARACTER 4 = STYLE (S = C-STUD/JOIST)
 CHARACTER 5-7 = FLANGE WIDTH (125 = 1 1/4")
 CHARACTER 8-9 = MATERIAL THICKNESS IN MILS
 FOR REFERENCE ONLY GAUGE NO =
 18 MILS = 25 GA
 33 MILS = 20 GA
 43 MILS = 18 GA
- GYPSUM BOARD USED FOR THIS TABLE MAY BE A SINGLE LAYER OF 1/2" OR 5/8" ON 1 SIDE OR 2 SIDES OF THE STEEL STUDS.
- MINIMUM THICKNESS OF STUDS FOR SUPPORT OF CERAMIC TILE SHALL BE 33 MILS (20 GAGE) - ACTUAL THICKNESS WILL BE DETERMINED BY THE HEIGHT OF THE STUD.
- NOT ALL POSSIBLE OPTIONS OF STEEL STUDS ARE SHOWN IN THIS TABLE. ALL OTHER VARIATIONS ARE TO BE REVIEWED AND APPROVED BY THE ARCHITECT OR STRUCTURAL ENGINEER.
- NP = NOT PERMITTED

A1 WALL BLOCKING
 1-1/2" = 1'-0"

A2 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A3 END OF WALL / DOOR JAMB
 1-1/2" = 1'-0"

A4 OPENING SILLS
 1-1/2" = 1'-0"

A5 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A6 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A7 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A8 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A9 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A10 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A11 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A12 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A13 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A14 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A15 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A16 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A17 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A18 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A19 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A20 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A21 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A22 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A23 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A24 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A25 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A26 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A27 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A28 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A29 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A30 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A31 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A32 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A33 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A34 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A35 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A36 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A37 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A38 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A39 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A40 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A41 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A42 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A43 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A44 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A45 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A46 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A47 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A48 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A49 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A50 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A51 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A52 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A53 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A54 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A55 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A56 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A57 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A58 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A59 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A60 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A61 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A62 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A63 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A64 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A65 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A66 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A67 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A68 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A69 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A70 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A71 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A72 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A73 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A74 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A75 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A76 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A77 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

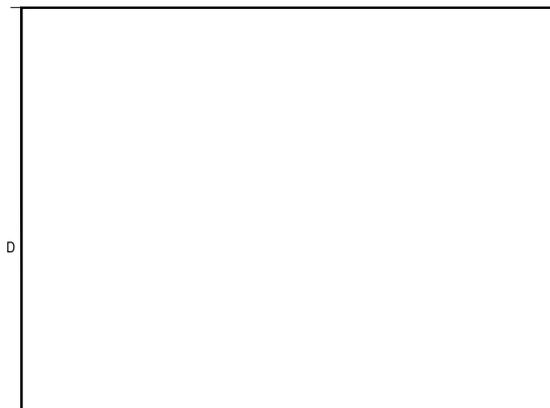
A78 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A79 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

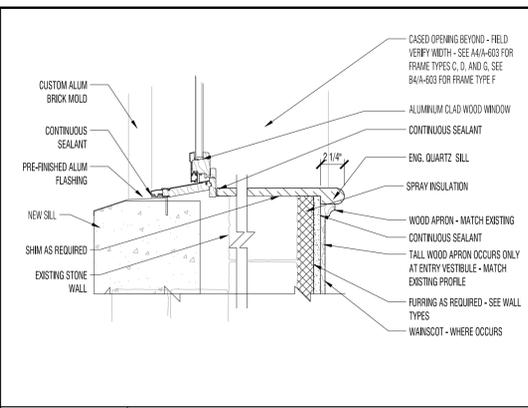
A80 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

A81 WINDOW / DOOR JAMB
 1-1/2" = 1'-0"

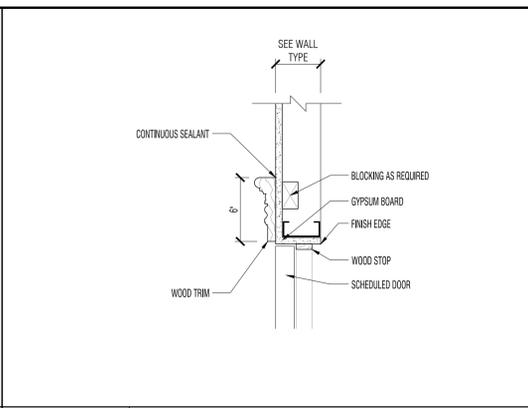
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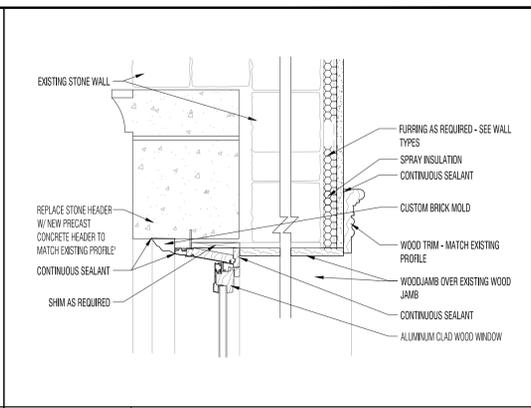
D2 CASED OPENING HEAD / JAMB SIM
1 1/2"=1'-0"



D3 WINDOW SILL
1 1/2"=1'-0"



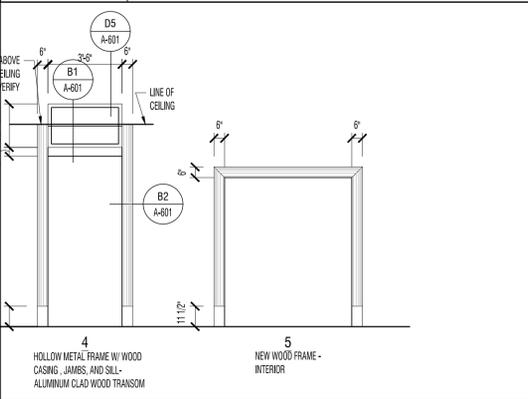
D4 DOOR HEAD / JAMB SIM
1 1/2"=1'-0"



D5 WINDOW HEAD / JAMB SIM
1 1/2"=1'-0"



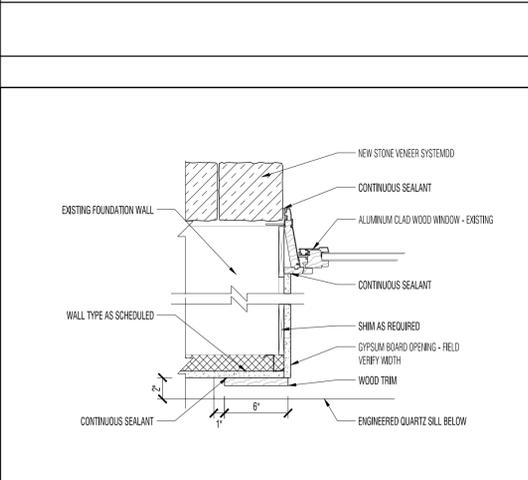
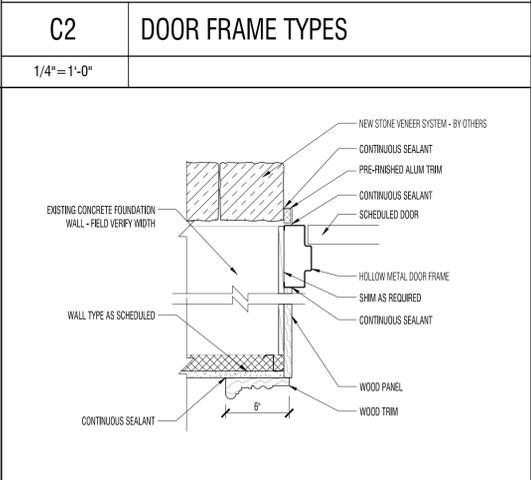
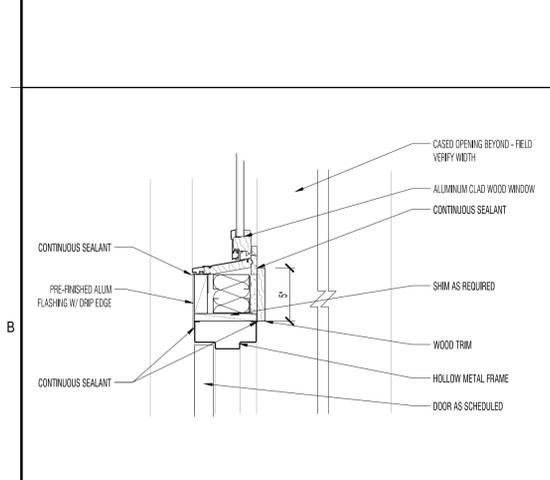
C2 DOOR FRAME TYPES
1/4"=1'-0"



DOOR TYPES
1. IF (-) IS IN SLOT THERE ARE NO ITEMS APPLICABLE
2. DOOR TYPE:
3. THICKNESS: (INDICATED IS NOMINAL SIZE)
4. CONSTRUCTION/FINISH:
5. GLAZING: (DOOR AND WINDOW)
6. RATING:
7. FRAME TYPE: (NUMBER(S) INDICATE(S) FRAME TYPE(S) SHOWN ON A-601)
8. DETAILS: (REFER TO SHEETS A-601 TO A-604 FOR DOOR AND WINDOW DETAILS)
9. HARDWARE: (GROUP #, SEE SPECIFICATIONS FOR HARDWARE GROUPS)
10. KEYNOTES:

DOOR SCHEDULE

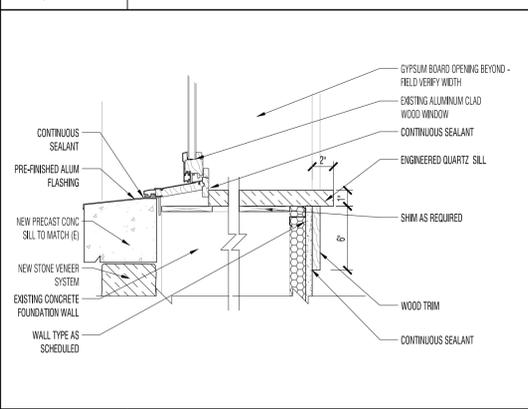
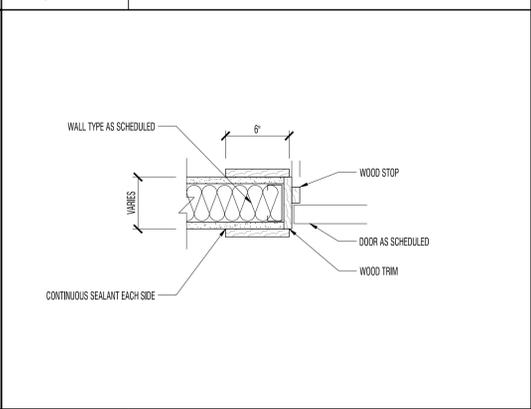
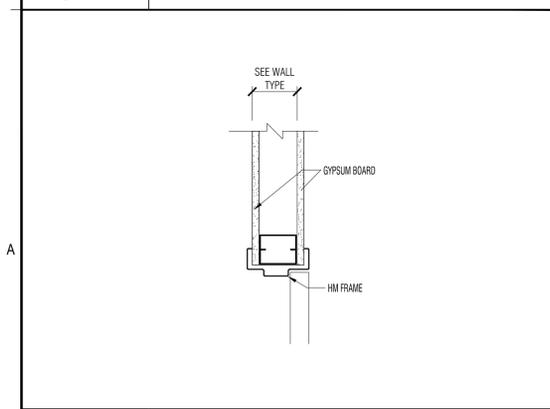
MARK	LEAF SIZE	DOOR TYPE	THICKNESS	FINISH	GLAZING	RATING	FRAME TYPE	DETAILS			HARDWARE	KEYNOTES
								HEAD	JAMB	SILL		
001	3'-0" X 7'-0"	A	1-3/4"	WD	-	-	3	A1/A-601	A2/A-601	-	-	-
002	3'-0" X 7'-0"	A	1-3/4"	WD	-	-	3	A1/A-601	A2/A-601	-	-	-
003	3'-0" X 7'-0"	A	1-3/4"	WD	-	-	3	A1/A-601	A2/A-601	-	-	-
004	3'-0" X 7'-0"	A	1-3/4"	WD	-	-	3	D4/A-601	D4/A-601	-	-	-
005	3'-0" X 7'-0"	A	1-3/4"	WD	-	-	3	D4/A-601	D4/A-601	-	-	D
006	3'-0" X 7'-0"	A	1-3/4"	WD	-	-	3	D4/A-601	D4/A-601	-	-	-
007	3'-0" X 7'-0"	A	1-3/4"	HMP	-	-	4	B1/A-601	B2/A-601	-	-	D
007A	3'-0" X 7'-0"	A	1-3/4"	HMP	-	-	4	B1/A-601	B2/A-601	-	-	D
008	3'-0" X 7'-0"	A	1-3/4"	WD	-	-	3	A1/A-601	A2/A-601	-	-	D
009	3'-0" X 7'-0"	A	1-3/4"	WD	-	-	3	D4/A-601	D4/A-601	-	-	-
010	3'-0" X 7'-0"	A	1-3/4"	WD	-	-	3	A1/A-601	A2/A-601	-	-	-
011	3'-0" X 7'-0"	A	1-3/4"	WD	-	-	3	D4/A-601	D4/A-601	-	-	-
012	(2) ± 2'-10" X 7'-0"	B	1-3/4"	WD	-	-	5	A1/A-601	A2/A-601	-	-	-
107	3'-0" X 7'-0"	A	1-3/4"	WD	-	-	1	D4/A-601	D4/A-601	-	-	-
108	2'-0" X 7'-0"	A	1-3/4"	WD	-	-	3	A1/A-601	A2/A-601	-	-	-



B1 TRANSOM DETAIL
1 1/2"=1'-0"

B2 DOOR JAMB / HEAD SIM
1 1/2"=1'-0"

B3 WINDOW JAMB
1 1/2"=1'-0"



A1 DOOR HEAD DETAIL/JAMB SIM
1 1/2"=1'-0"

A2 DOOR JAMB / HEAD SIM
1 1/2"=1'-0"

A3 WINDOW SILL
1 1/2"=1'-0"

GENERAL NOTES

DOOR AND WINDOW

- PROVIDE SEALANT AT JOINTS AT DISSIMILAR MATERIAL CONNECTIONS, ISOLATE DISSIMILAR METALS.
- ALL DIMENSIONS FOR DOOR AND WINDOW OPENINGS TO BE FIELD VERIFIED PRIOR TO MANUFACTURING AND INSTALLATION.

ADA DOOR CLEARANCES

- DOORS SHOWN ADJACENT TO A FLANKING WALL OR OTHER FIXED OBSTRUCTION, SHALL BE LOCATED AS SHOWN ABOVE.
- OTHER LOCATIONS SHALL BE ON CENTERLINE OF ROOM OR AS SPECIFICALLY DIMENSIONED.

KEYNOTES:

- ENLARGE OPENING TO ACCOMMODATE TRANSOM
- RESTORE DOOR TO PRESERVE GRAPHICS, ETC. - COORDINATE W/ ARCHITECT- NEW FRAME TO MATCH ORIGINAL HISTORIC FRAMED OPENING (SIM TO DOOR 102)
- SOLID CORE FLUSH OR SALVAGE EXISTING DOOR - CONTRACTOR'S DISCRETION
- CASING ON ROOM SIDE ONLY D1/A602
- RATING OF DOOR ONLY- GLASS NOT REQUIRED TO BE RATED PER LOCAL HAVING JURISDICTION.
- WOOD CASING JAMB AND HEAD TO SUITE ELEVATOR DOOR OPENING.
- NEW WOOD DOOR AND SIDE LITES TO BE PROTECTED DURING CONSTRUCTION. REMOVE, PROTECT, STORE, AND REINSTALL DOOR AT END OF CONSTRUCTION.
- DOOR AND HARDWARE BY ADA LIFT MFR. CYLINDER BY DOOR HARDWARE PROVIDER
- H.M. FRAME BY ADA LIFT MANUFACTURER

A4 DOOR SCHEDULE
1/4"=1'-0"

A5 ADA DOOR CLEARANCES
1/4"=1'-0"

design west | architects
255 SOUTH 300 WEST LOGAN UT 84321
795 NORTH 400 WEST SALT LAKE CITY UT 84103

ONEIDA STAKE ACADEMY BASEMENT & HVAC REHABILITATION
90 EAST ONEIDA STREET, PRESTON, ID 83263
ONEIDA STAKE ACADEMY FOUNDATION
P.O. BOX 365, PRESTON, ID 83263

PROJECT #: 112071
DRAWN BY: JOLLEY
CHECKED BY: LEMON
ISSUED: 09/27/2019

FOR CONSTRUCTION

A-601
© COPYRIGHT DESIGN WEST ARCHITECTS

LEGEND OF MECHANICAL SYMBOLS AND ABBREVIATIONS

MECHANICAL

	POSITIVE PRESSURE DUCT - RISE
	POSITIVE PRESSURE DUCT - DROP
	NEGATIVE PRESSURE DUCT - RISE
	NEGATIVE PRESSURE DUCT - DROP
	ROUND DUCT - RISE
	ROUND DUCT - DROP
	UNDER FLOOR DUCT
	TURNING VANES
	FRESH AIR LOUVER
	RELIEF AIR OR EXHAUST AIR LOUVER
	CEILING SUPPLY DIFFUSER
	CEILING RETURN REGISTER
	CEILING EXHAUST REGISTER, (BALANCE TO MATCH SUPPLY IF RETURN CFM IS NOT SHOWN)
	SIDEWALL SUPPLY REGISTER
	SIDEWALL EXHAUST OR RETURN REGISTER
	CEILING SUPPLY DIFFUSER WITH FLEXIBLE DUCT
	CEILING AIR GRILLE WITH FLEXIBLE DUCT
	CEILING RETURN AIR GRILLE W/ SOUND BOOT
	FLEXIBLE DUCT CONNECTION
	FLAT OVAL DUCT WITH NET INSIDE DIMENSIONS SHOWN IN INCHES.
	RECTANGULAR DUCT WITH NET INSIDE DIMENSIONS SHOWN IN INCHES.
	ROUND DUCT WITH NET INSIDE DIMENSIONS SHOWN IN INCHES.
	INCLINED RISE
	INCLINED DROP
	R/W=1. ROUND DUCT SIMILAR TO RECTANGULAR
	RECTANGULAR TO RECTANGULAR OR ROUND TO ROUND DUCT TRANSFORMATION MAXIMUM 15° INCLUDED ANGLE EXCEPT WHERE SHOWN OTHERWISE.
	RECTANGULAR TO ROUND DUCT TRANSFORMATION
	HIGH EFFICIENCY FITTING
	MANUAL VOLUME DAMPER
	BACK DRAFT DAMPER
	FIRE DAMPER IN DUCT, W/ ACCESS PANEL REQD.
	COMBINATION FIRE/SMOKE DAMPER W/ ACCESS PANEL
	SMOKE DAMPER W/ ACCESS PANEL
	4-WAY BLOW PATTERN
	3-WAY BLOW PATTERN
	2-WAY BLOW PATTERN
	2-WAY BLOW PATTERN
	1-WAY BLOW PATTERN

TOP FIGURES INDICATE NECK SIZE. BOTTOM FIGURE INDICATES CFM.

PLUMBING

	FLOOR SINK
	FLOOR DRAIN
	FLOOR CLEAN-OUT OR CLEAN-OUT TO GRADE
	ROOF DRAIN
	DOWNSPOUT NOZZLE
	ARROW INDICATES DIRECTION OF FLOW IN PIPE
	CHECK VALVE
	PRESSURE REDUCING, SELF CONTAINED VALVE
	ATC VALVE - 2 WAY
	ATC VALVE - 3 WAY
	GATE VALVE
	TEMPERATURE AND PRESSURE TEST PORT
	PRESSURE SWITCH
	CALIBRATED BALANCING VALVE WITH GPM INDICATED
	REDUCED PRESSURE BACKFLOW PREVENTOR W/ DRAIN PAN
	BRANCH - BOTTOM CONNECTION
	BRANCH - TOP CONNECTION
	BRANCH - SIDE CONNECTION
	RISE OR DROP
	RISER - DOWN (ELBOW)
	RISER - UP (ELBOW)
	VENT THRU ROOF
	WATER HAMMER ARRESTOR
	INLINE PUMP
	INLINE PUMP
	CLEAN-OUT
	FLOW METER
	UNION
	FLEXIBLE EXPANSION JOINT
	THERMOMETER - TEMP RANGE AS INDICATED
	PRESSURE GAUGE WITH SHUT-OFF COCK
	LATERAL STRAINER WITH BLOW-OFF VALVE, PROVIDE HOSE END WITH CAP WHERE DISCHARGE IS NOT PIPED TO DRAIN
	BALL VALVE (PIPE SIZES 2" AND SMALLER) BUTTERFLY VALVE (PIPE SIZES 2-1/2" AND LARGER) VALVE IN RISE
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER

PLUMBING CONT.

	THERMOSTATIC MIXING VALVE
	HOSE BIBB
	PIPE CAP
	SENSOR
	THERMOSTAT
	FILL PORT
	FIXTURE FROM LEVEL ABOVE
	90° ELBOW
	LEADER INDICATES DOWNWARD SLOPE
	DEMOLITION

SYMBOLS

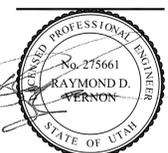
	PLUMBING FIXTURES
	POINT OF CONNECTION
	SECTION TAG - TOP FIGURE IS SECTION NO. BOTTOM FIGURE IS SHEET NO.
	DETAIL TAG - TOP FIGURE IS DETAIL NO. BOTTOM FIGURE IS SHEET NO.
	EQUIPMENT IDENTIFICATION
	KEYED NOTE IDENTIFICATION

LINETYPES

	DOMESTIC COLD WATER (DCW)
	DOMESTIC HOT WATER (DHW)
	DOMESTIC HOT WATER RETURN (DHW-R)
	EXISTING PIPING
	EXISTING PIPING TO BE REMOVED
	NATURAL GAS
	ROOF DRAIN
	ROOF DRAIN OVERFLOW
	REFRIGERANT LIQUID
	REFRIGERANT SUCTION
	SEWER (BELOW GRADE)
	SEWER (ABOVE GRADE)
	VENT (SEWER)

MARK:	
DATE:	
DESCRIPTION:	

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MECHANICAL SYMBOLS

D
C
B
A

1 2 3 4 5

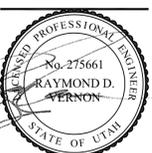
- # KEYED NOTES
1. AVERAGING THERMOSTAT FOR F-2.
 2. GRILLE SHALL BE 12/12.
 3. MOTORIZED DAMPER.
 4. RUN DUCTWORK IN FLOOR JOIST SPACE OVER BEAM.
 5. MAIN THERMOSTAT FOR F-1.
 6. FLUE THRU WALL. CORE DRILL AND SEAL WALL PENETRATION.
 7. DISCHARGE AIR TEMPERATURE SENSOR. MOUNT IN DUCT.
 8. MAIN THERMOSTAT FOR F-2.
 9. RUN DUCTWORK UP.

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 P.O. BOX 555, PRESTON, ID 83263

MARK	DATE	DESCRIPTION
AS	07/15/22	ASI #1

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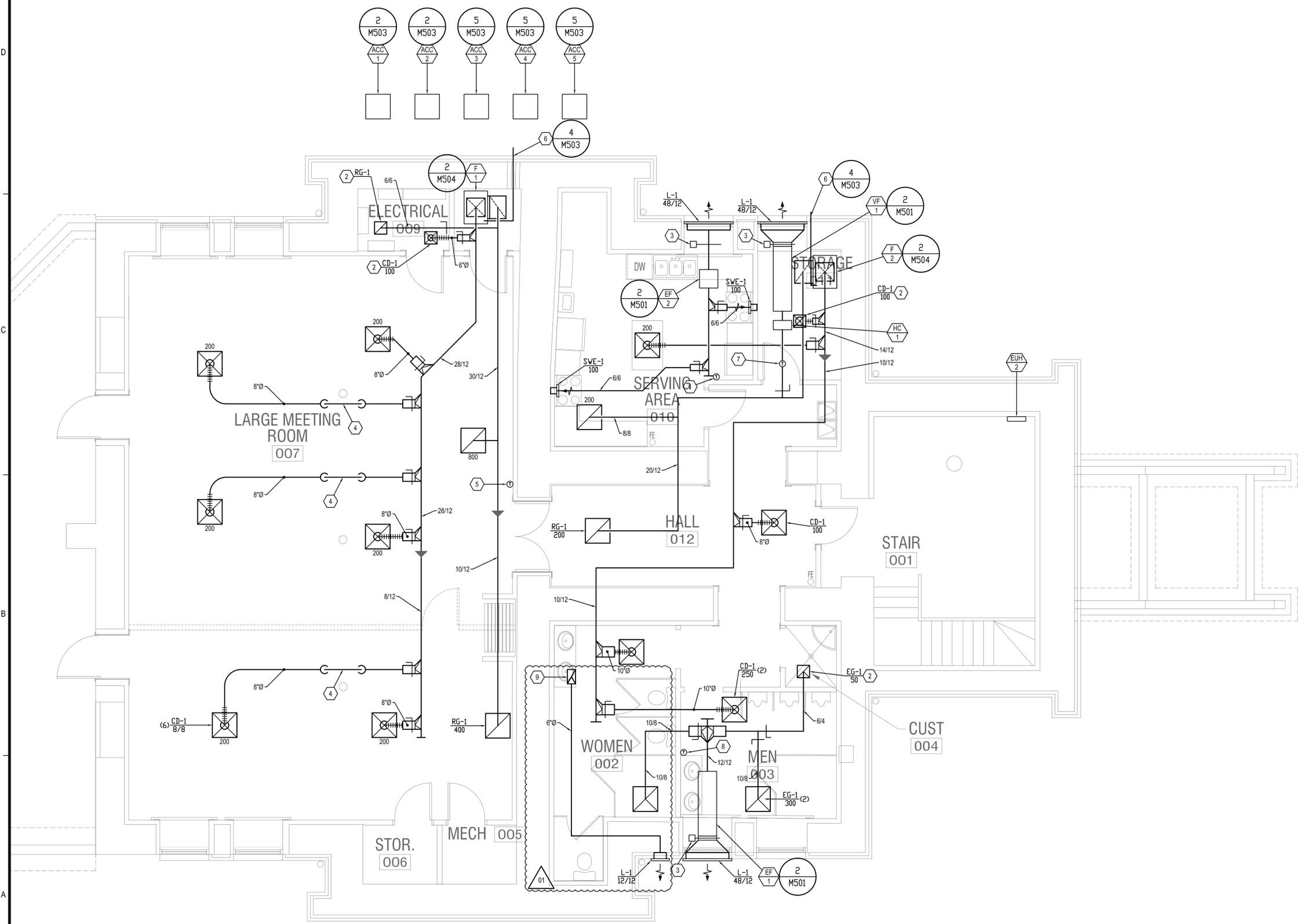
MECHANICAL PLANS

M-100

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1 BASEMENT MECHANICAL PLAN
 M-100 0' - 1/4" = 1' - 0"

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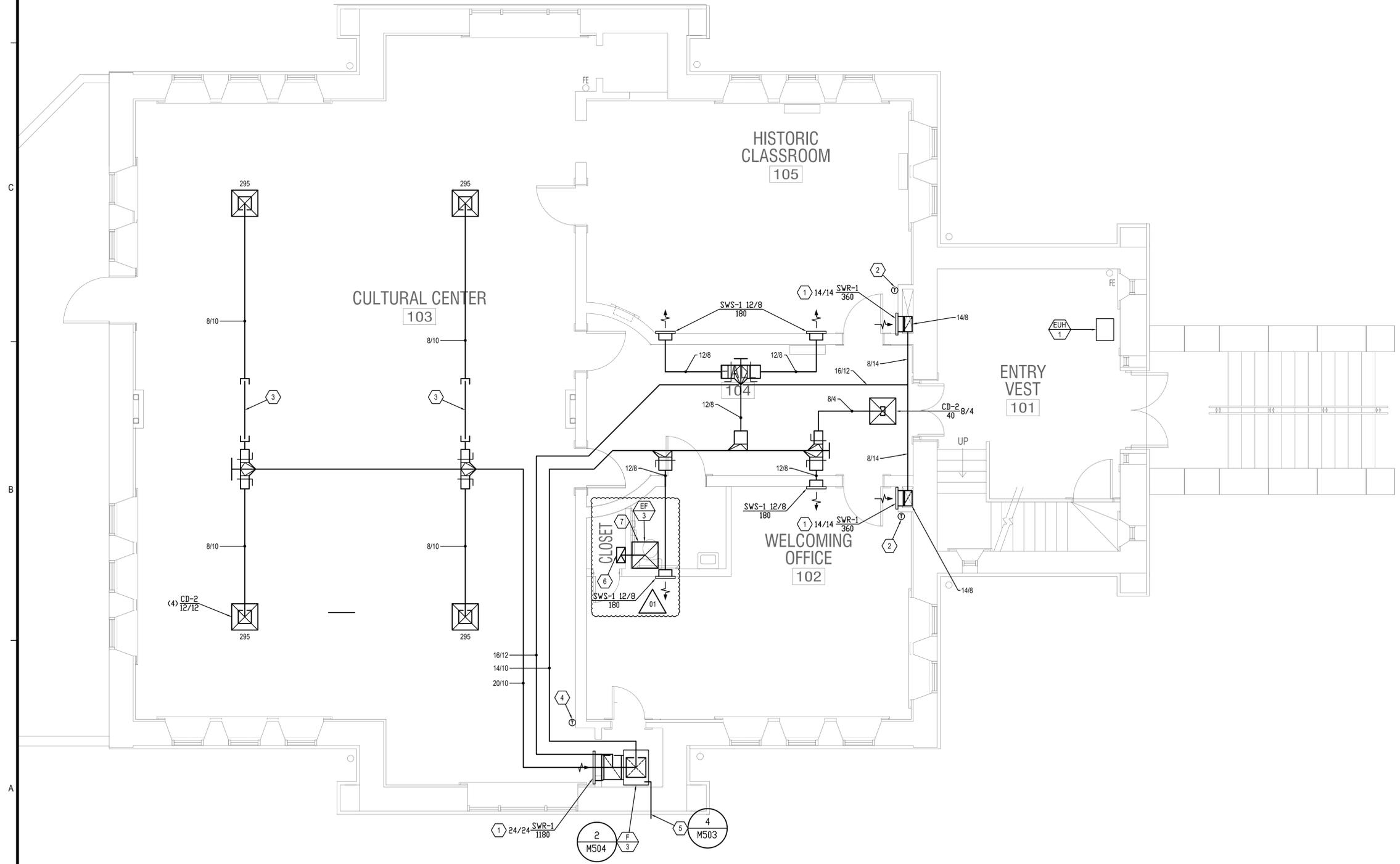


D
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- # KEYED NOTES
1. MOUNT GRILLE ABOVE WOOD BASE. COORDINATE WITH ARCHITECTURE.
 2. AVERAGING THERMOSTAT FOR F-3.
 3. RUN DUCTWORK IN FLOOR JOIST SPACE OVER BEAM.
 4. MAIN THERMOSTAT FOR F-3.
 5. FLUE THRU WALL. CORE DRILL AND SEAL WALL PENETRATION.
 6. DUCTWORK FROM BELOW.
 7. BALANCED EXHAUST FAN TO 70 CFM. INTERLOCK EXHAUST FAN WITH THE LIGHTS.

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1 FIRST FLOOR MECHANICAL PLAN
 M-101 0' - 1/4" = 1' - 0"

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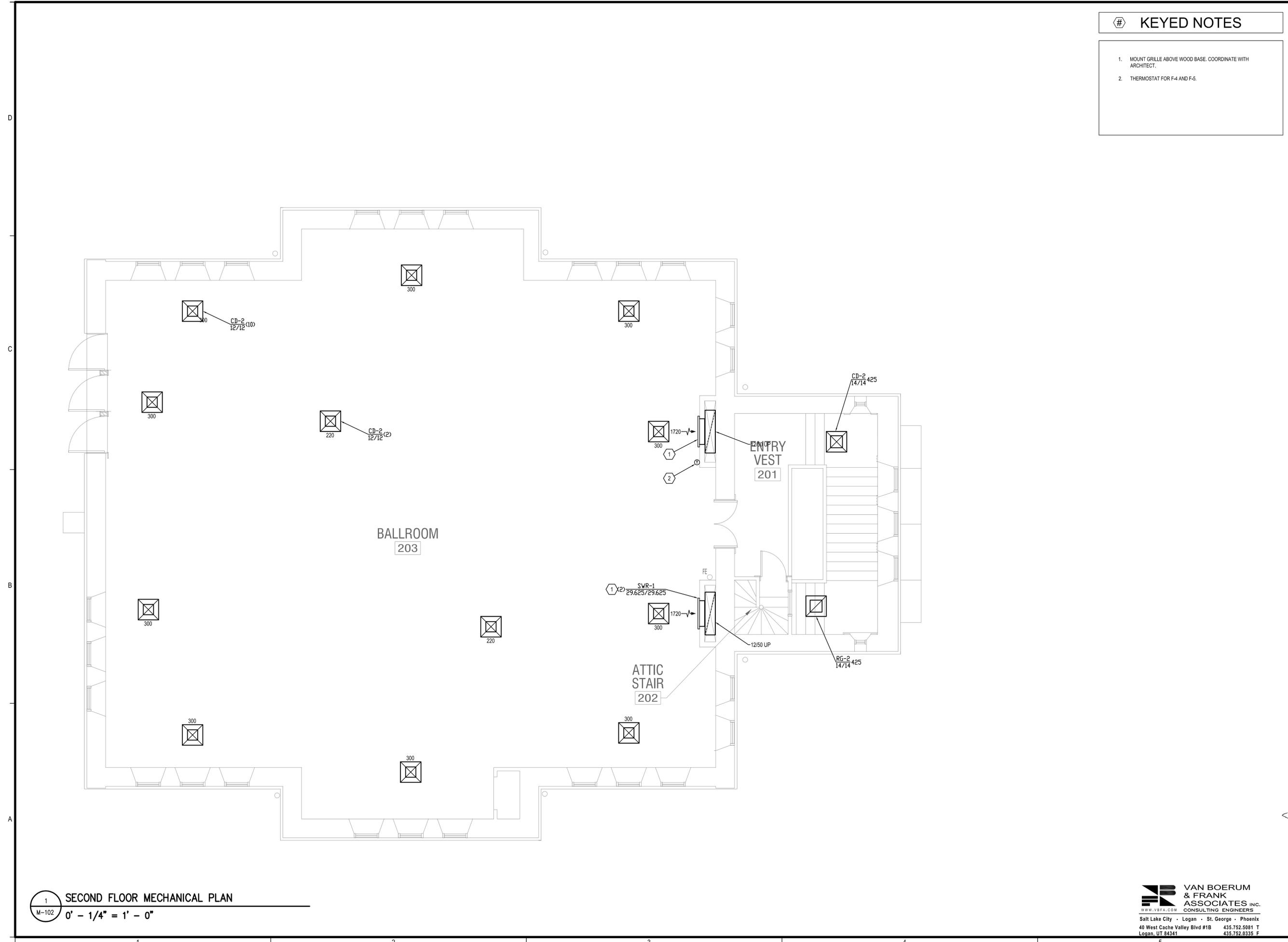
MECHANICAL PLANS

M-101

- # KEYED NOTES
1. MOUNT GRILLE ABOVE WOOD BASE. COORDINATE WITH ARCHITECT.
 2. THERMOSTAT FOR F-4 AND F-5.

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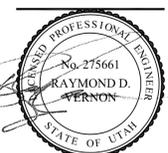
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1 SECOND FLOOR MECHANICAL PLAN
 M-102 0' - 1/4" = 1' - 0"

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MECHANICAL PLANS

KEYED NOTES

1. 12/12 DUCT DOWN TO GRILLE. SEE SECOND LEVEL MECHANICAL PLAN FOR GRILLE LOCATION.
2. 14/14 DUCT CONNECTION TO GRILLE. SEE SECOND LEVEL MECHANICAL PLAN FOR GRILLE LOCATION.
3. F-4 AND F-5 SHALL OPERATE AS ONE UNIT.
4. FLUE THRU ROOF. FLASH AND COUNTER FLASH THRU ROOF.

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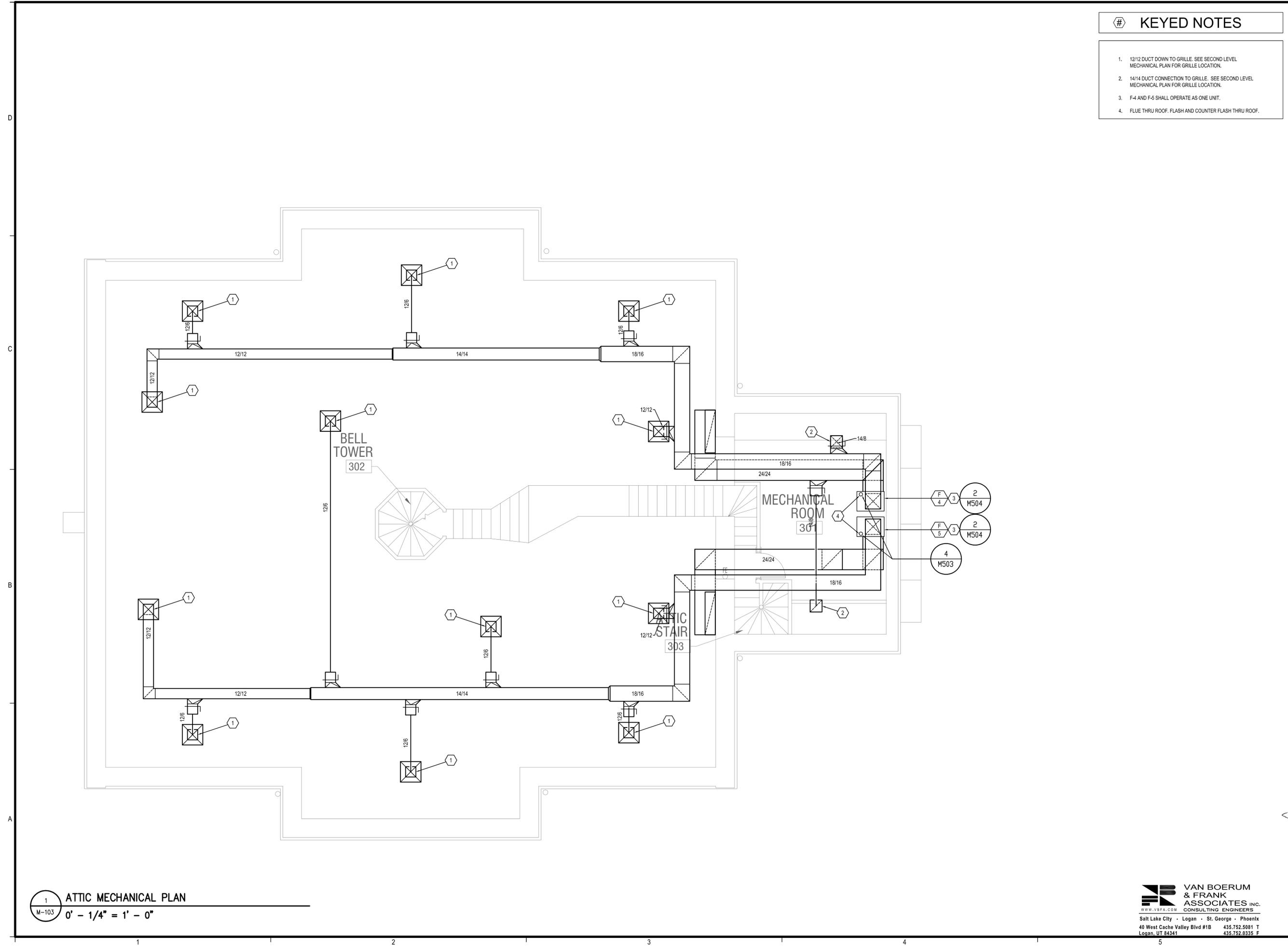
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MECHANICAL PLANS

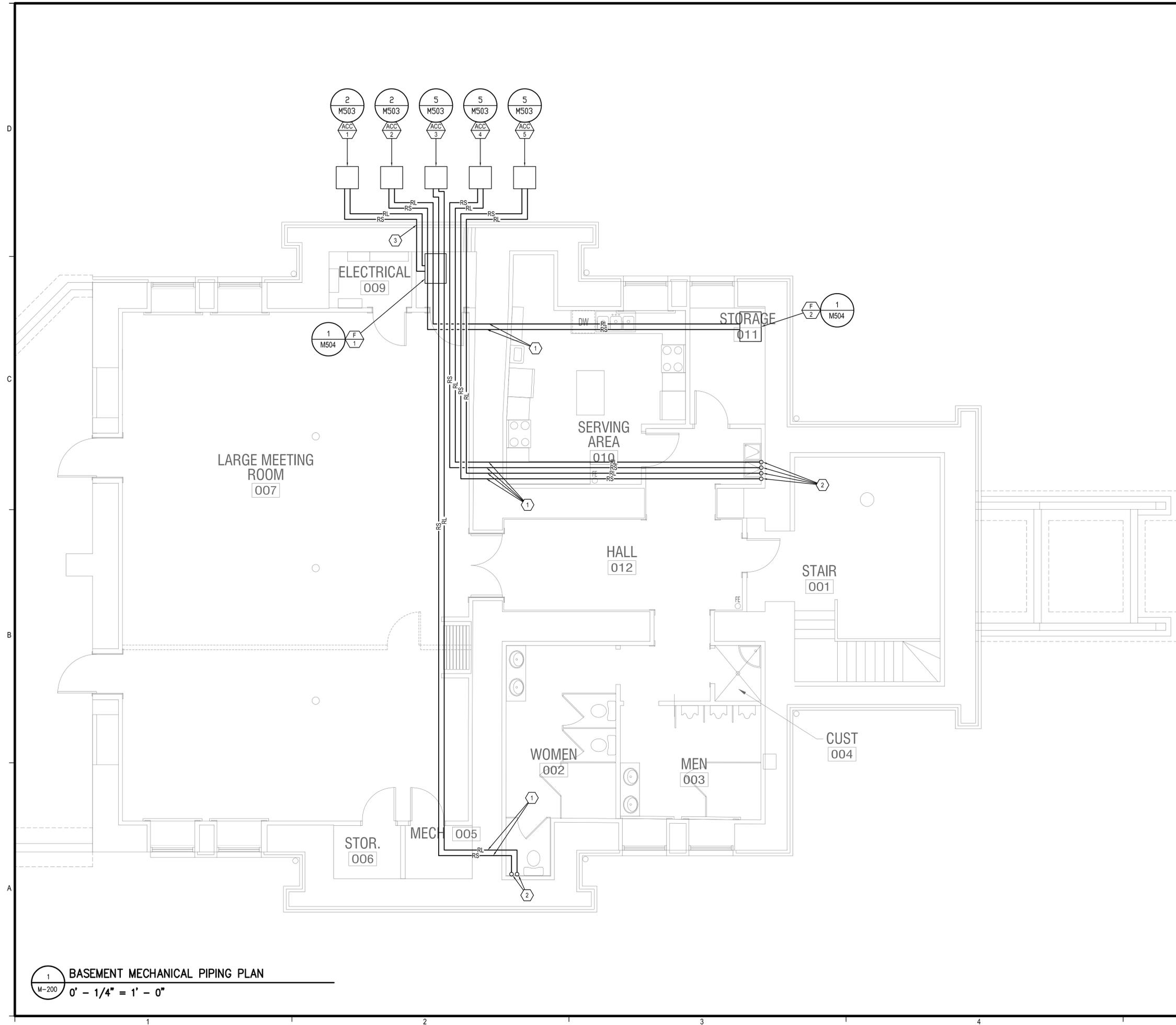
M-103

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1 ATTIC MECHANICAL PLAN
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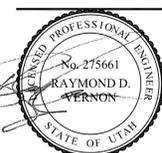
- # KEYED NOTES
- REFRIGERANT LINE THRU WALL. CORE DRILL.
 - REFRIGERANT LINES UP.
 - REFRIGERANT LINE THRU WALL. CORE DRILL AND SEAL WEATHER TIGHT. TYPICAL.

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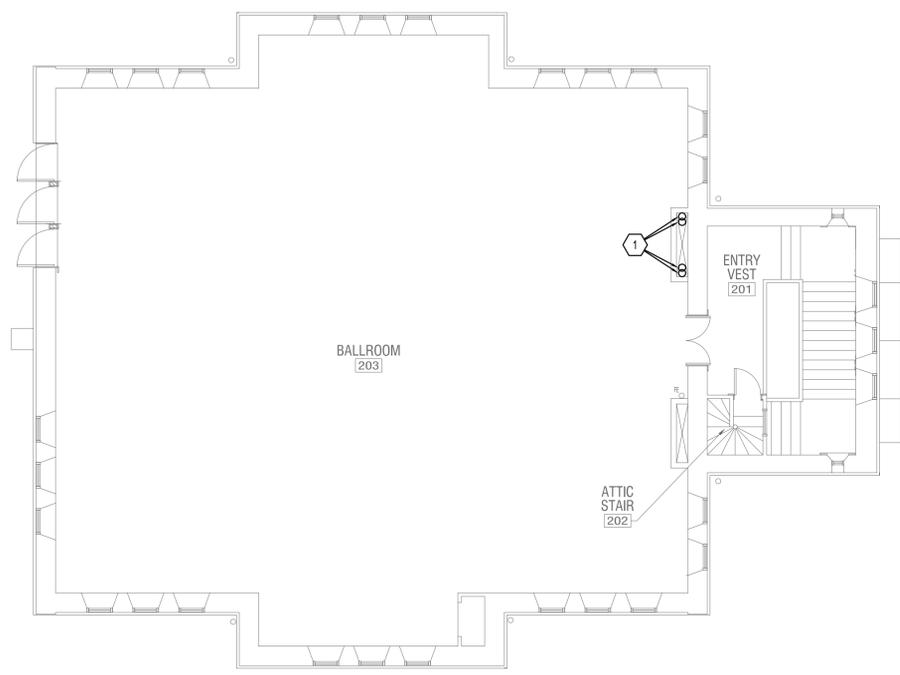


MECHANICAL
 PIPING PLANS

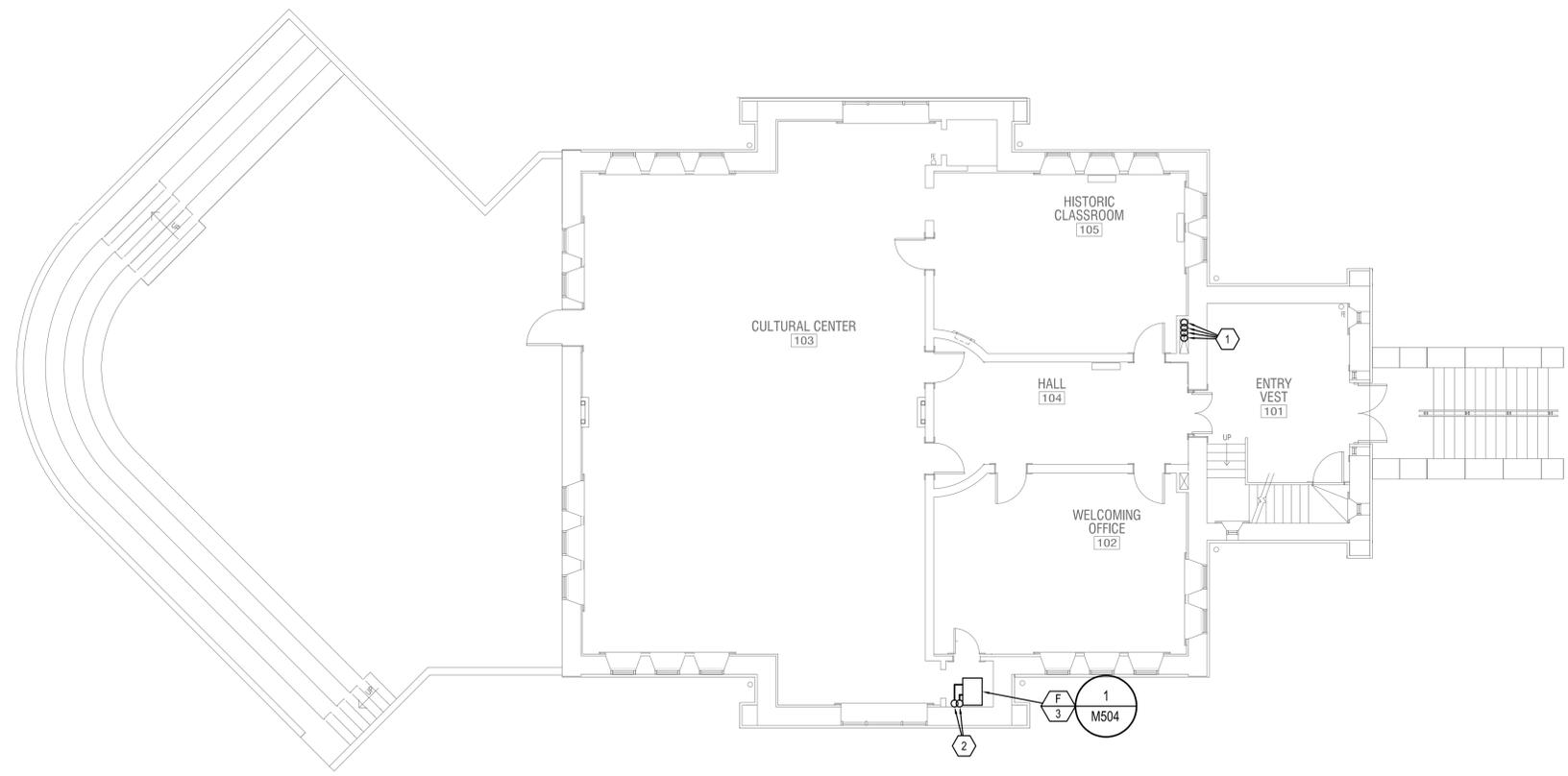
1 BASEMENT MECHANICAL PIPING PLAN
 M-200 0' - 1/4" = 1' - 0"

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2 SECOND FLOOR MECHANICAL PIPING PLAN
M-201 0' - 1/8" = 1' - 0"



1 FIRST FLOOR MECHANICAL PIPING PLAN
M-201 0' - 1/8" = 1' - 0"

KEYED NOTES

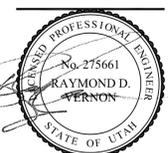
- REFRIGERANT LINES UP AND DOWN.
- REFRIGERANT LINES FROM BELOW.

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MECHANICAL PIPING PLANS

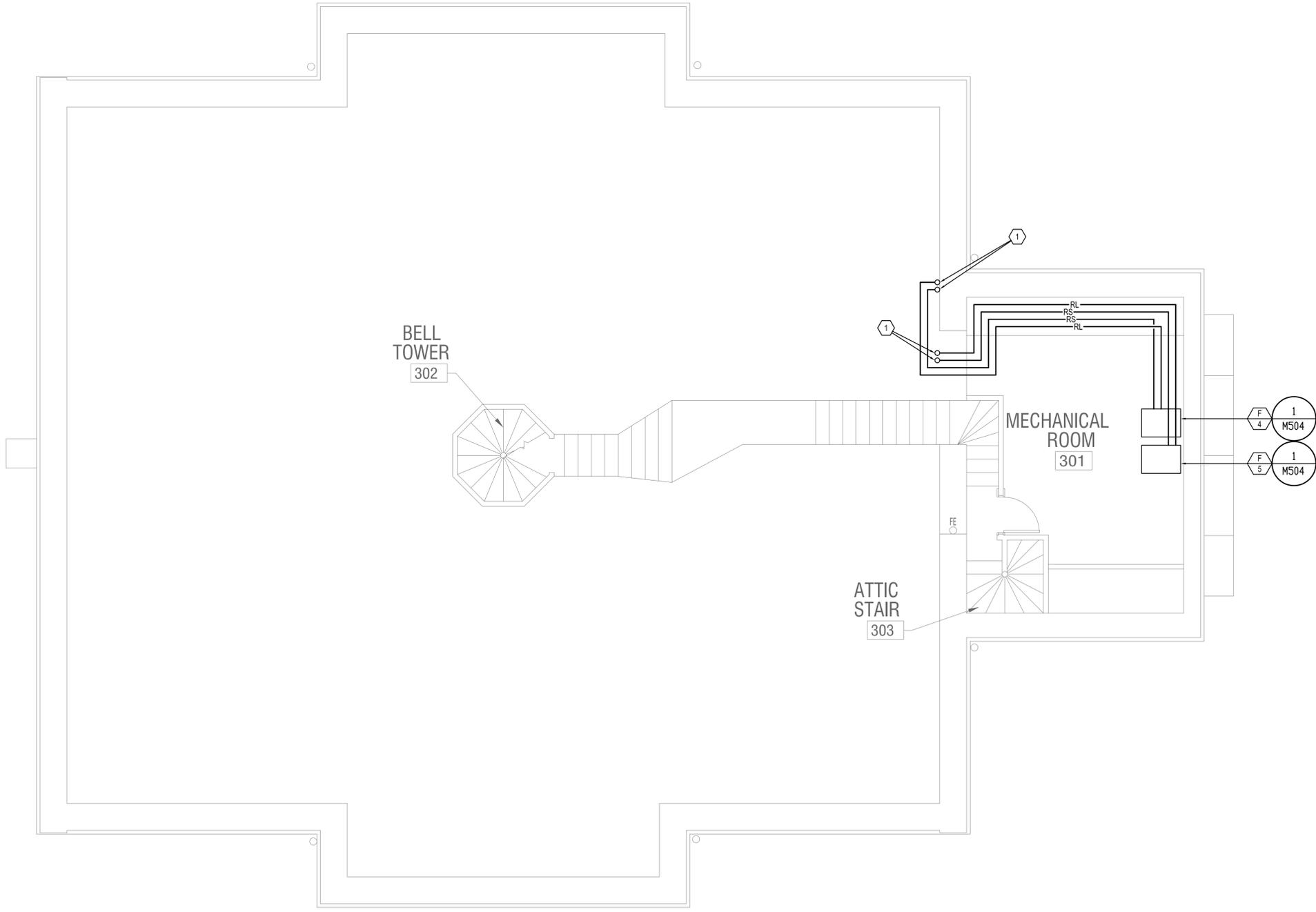
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M-201

D
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KEYED NOTES

1. REFRIGERANT LINES FROM BELOW.



1 ATTIC MECHANICAL PIPING PLAN
M-202 0' - 1/4" = 1' - 0"

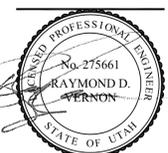
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MECHANICAL PIPING PLANS

M-202
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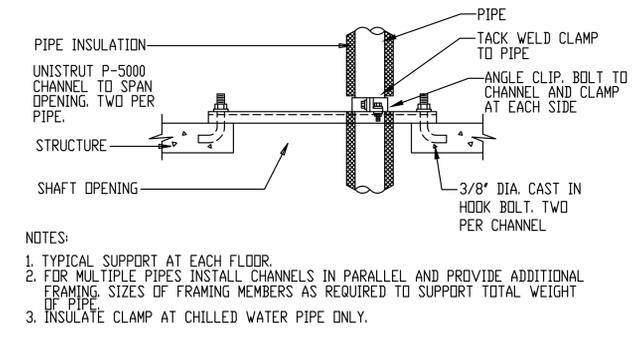
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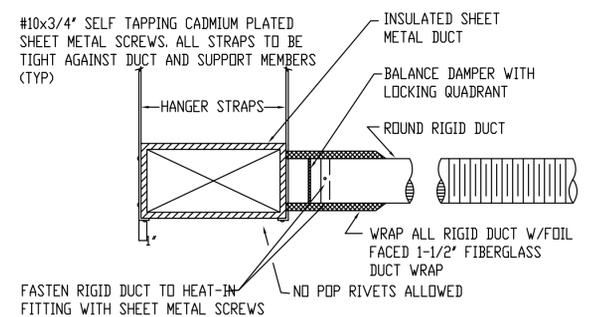
MECHANICAL
 DETAILS

M-501

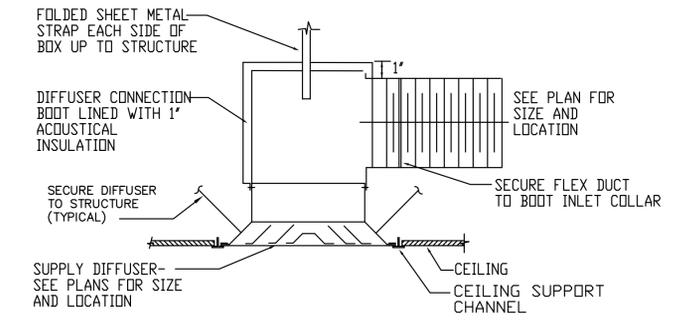
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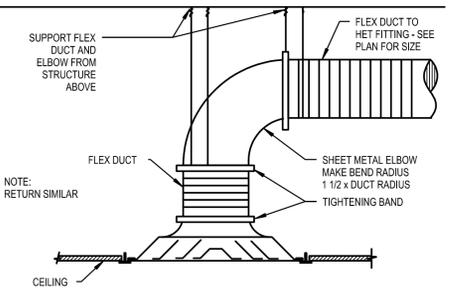
8 PIPE RISER SUPPORT DETAIL
 M-501 NO SCALE



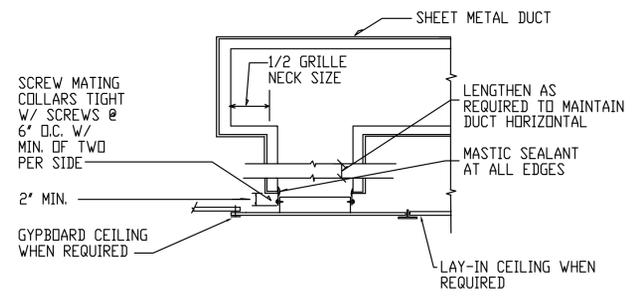
9 FLEX DUCT / HIGH EFFICIENCY TAKEOFF FITTING
 M-501 NO SCALE



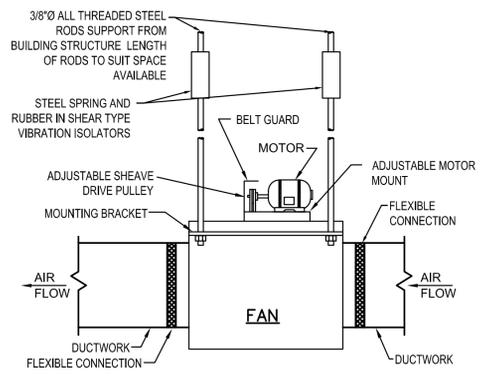
5 DIFFUSER CONNECTION DETAIL
 M-501 NO SCALE



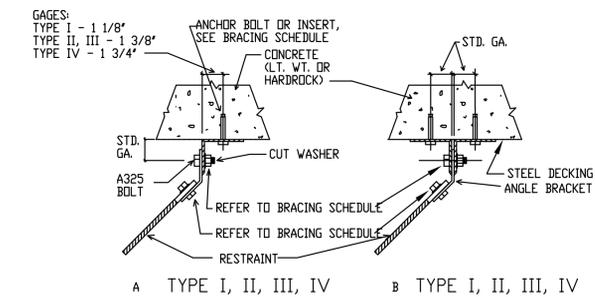
6 DIFFUSER CONNECTION DETAIL
 M-501 NO SCALE



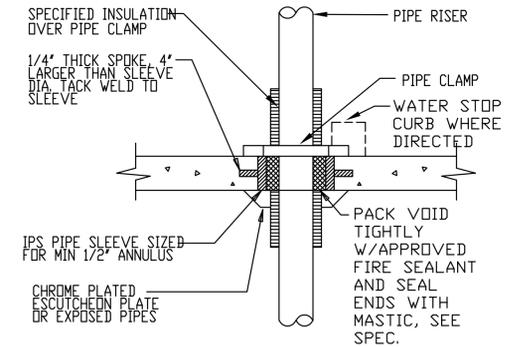
7 TYPICAL EXHAUST GRILLE DETAIL
 M-501 NO SCALE



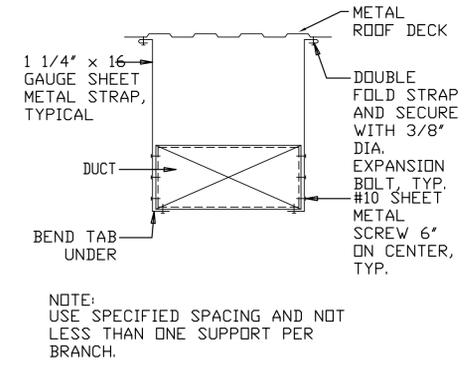
2 CENTRIFUGAL INLINE EXHAUST FAN
 M-501 NO SCALE



1 RESTRAINT CONNECTIONS TO CONCRETE
 M-501 NO SCALE



3 PIPE THROUGH FLOOR SLAB DETAIL
 M-501 NO SCALE

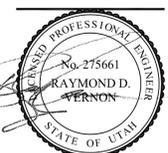


4 RECTANGULAR DUCT SUPPORT
 M-501 NO SCALE

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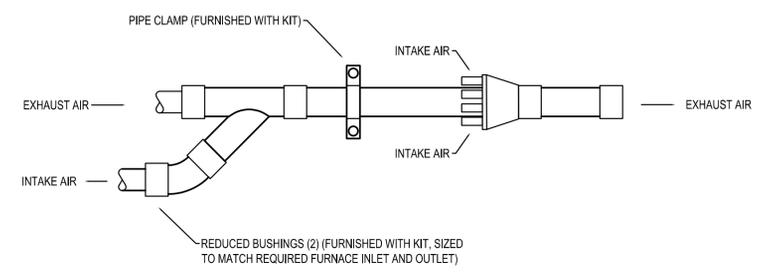
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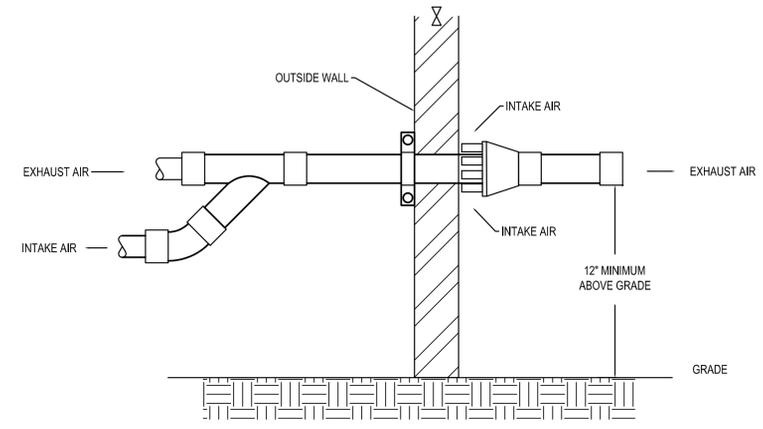


MECHANICAL
 DETAILS

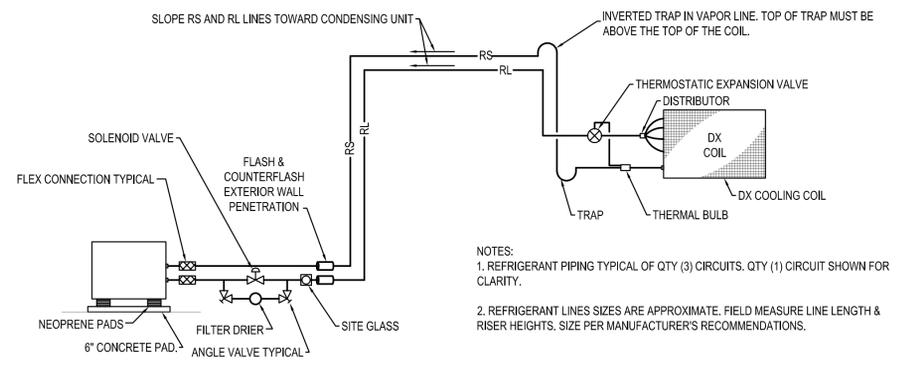
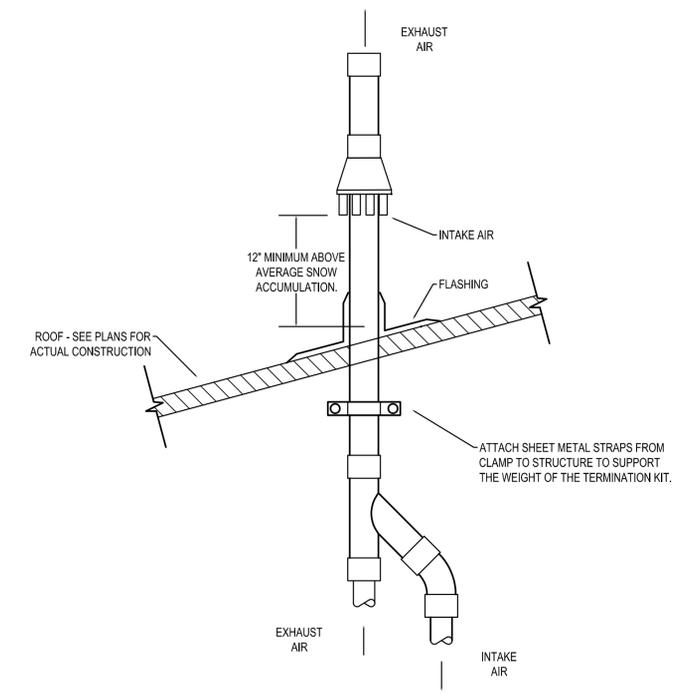
M-503



CONCENTRIC WALL TERMINATION APPLICATIONS:

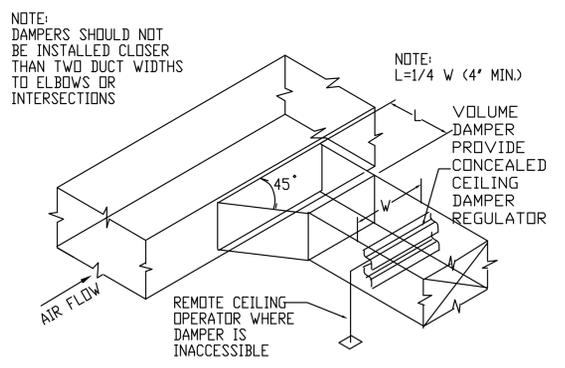


CONCENTRIC ROOF TERMINATION APPLICATIONS:

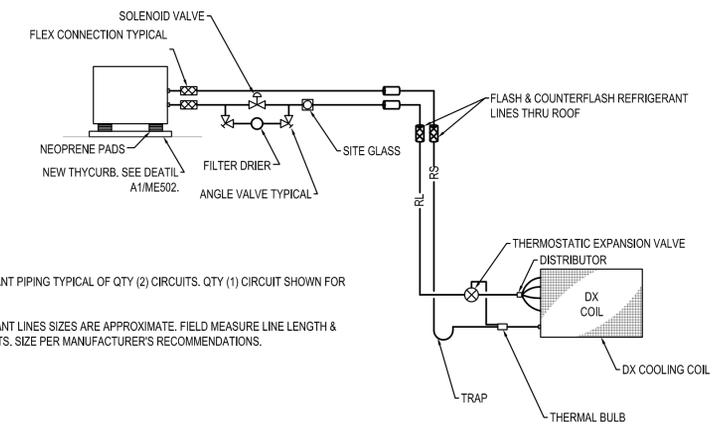


5 CONDENSING UNIT/COOLING COIL DETAIL
 M-503 NO SCALE

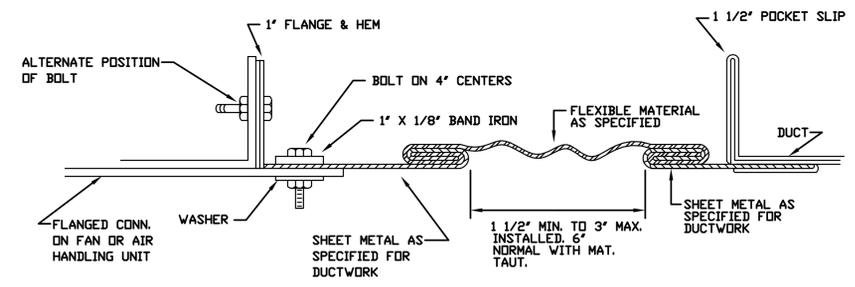
4 CONCENTRIC ROOF/WALL TERMINATION FOR CONDENSING FURNACES
 M-503 NO SCALE



3 BRANCH DUCT TAKE-OFF & DAMPER
 M-503 NO SCALE



2 CONDENSING UNIT/COOLING COIL DETAIL
 M-503 NO SCALE

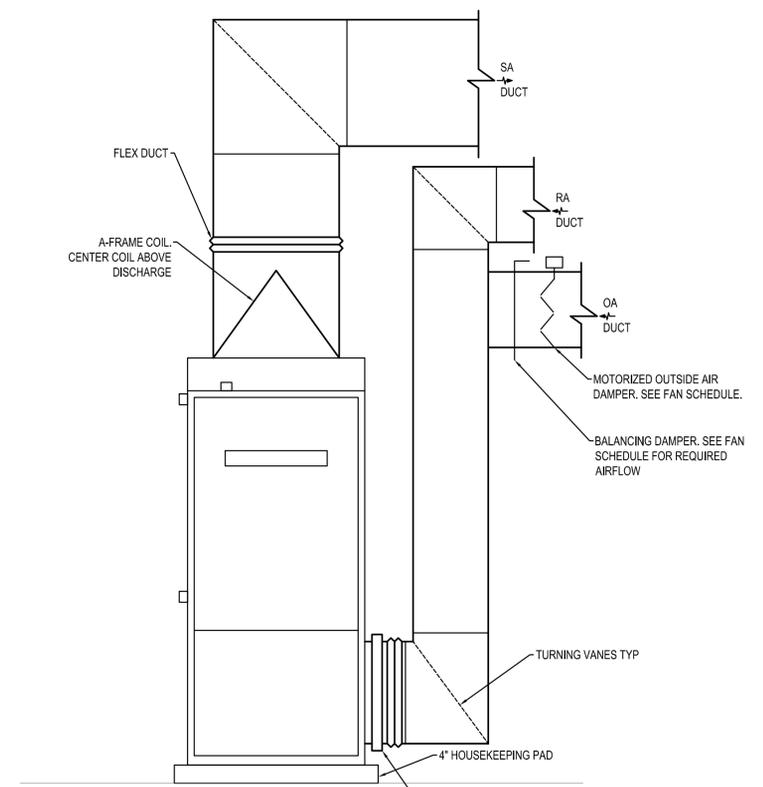


1 RECTANGULAR FLEXIBLE CONNECTION DETAIL
 M-503 NO SCALE

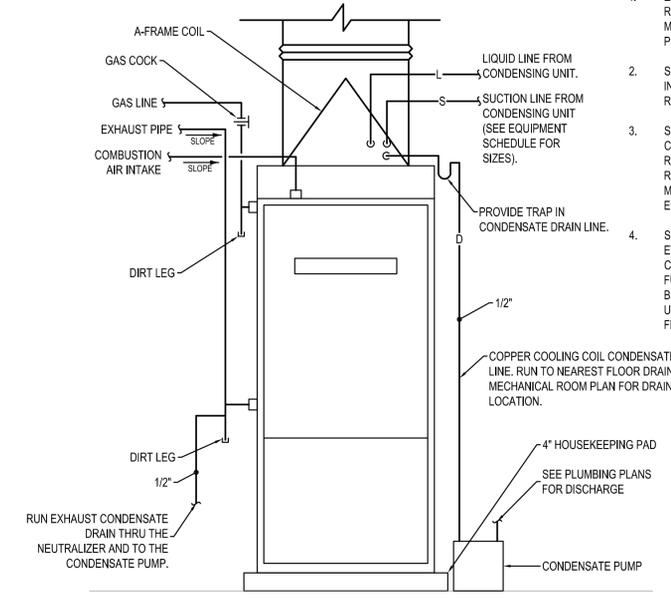
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2 FURNACE DUCT DETAIL
M-504 NO SCALE



1 FURNACE PIPING
M-504 NO SCALE

NOTES:

1. EXTEND COMBUSTION VENT & FLUE THRU ROOF IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. TERMINATE PER CONCENTRIC VENT DETAIL.
2. SEE FURNACE MANUFACTURER'S INSTALLATION REQUIREMENTS FOR REQUIRED VENT SLOPING.
3. SIZE REFRIGERANT LINES BASED ON CONDENSING UNIT MANUFACTURER'S REFRIGERANT LINE SIZE GUIDE. REFRIGERANT SUCTION AND LIQUID LINES MUST BE SIZED BASED ON THE MOST ENERGY EFFICIENT POSSIBLE LINE SIZES.
4. SUPPORT HORIZONTAL VENT & INTAKE PIPE EVERY 3'-0" WITH THE FIRST SUPPORT AS CLOSE TO THE FURNACE AS POSSIBLE. NO FURNACE COMPONENTS INCLUDING DRAFT BLOWER HOUSING, AND FURNACE MAY NOT BE UTILIZED TO SUPPORT THE WEIGHT OF THE FLUE PIPE.

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**MECHANICAL
DETAILS**

M-504

LOUVER SCHEDULE

ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	AIR		PHYSICAL		NOTES
				MAXIMUM AIRFLOW RATE (CFM)	STATIC PRESSURE (IN. WATER)	WIDTH/HEIGHT/THICKNESS (IN)		
L-1	AIROLITE K6774	SEE PLANS	ALUMINUM	1020	0.09	48/12/4		

AIR COOLED CONDENSING UNIT SCHEDULE

ID	MANUFACTURER AND MODEL NUMBER	LOCATION	REFRIGERANT	NOMINAL CAPACITY (BTU/H) (3)	EFFICIENCY SEER	ELECTRICAL			PHYSICAL		NOTES
						VOLT/PH	MINIMUM CIRCUIT AMPACITY (MCA)	MAXIMUM OVERCURRENT PROTECTION (MOCP)	LENGTH/WIDTH/HEIGHT (IN)	WEIGHT (LBS)	
ACC-1	CARRIER YCD36B22S	SEE PLANS	R410A	36,000	13	208/1/60	20.7	35	24/24/33.2	150	'(1)(2)(3)(4)(5)
ACC-2	CARRIER YCD24B22S	SEE PLANS	R410A	24,000	13	208/1/60	14.8	25	24/24/26.8	120	'(1)(2)(3)(4)(5)
ACC-3	CARRIER YCD60B21S	SEE PLANS	R410A	60,000	13	208/1/60	31.7	50	34.2/38/36.2	240	'(1)(2)(3)(4)(5)
ACC-4	CARRIER YCD60B21S	SEE PLANS	R410A	60,000	13	208/1/60	31.7	50	34.2/38/36.2	240	'(1)(2)(3)(4)(5)
ACC-5	CARRIER YCD60B21S	SEE PLANS	R410A	60,000	13	208/1/60	31.7	50	34.2/38/36.2	240	'(1)(2)(3)(4)(5)

- (1) ALL CONDITIONS RATED AT 4,500 FEET ELEVATION.
- (2) COOLING CAPACITY RATED AT 97DB/62WB WB AMBIENT TEMPERATURE.
- (3) CONDENSING UNIT'S RATED CAPACITY.
- (4) SEE COOLING COIL SCHEDULE.
- (5) PROVIDE AND INSTALL REFRIGERANT PIPING PER MANUFACTURER'S REQUIREMENTS.

GRILLES, REGISTERS AND DIFFUSERS

ID	MANUFACTURER	MODEL	MAX NC	DESCRIPTION
CD-1	EH PRICE	SPD	30	SQUARE PLAQUE FACE CEILING DIFFUSERS. REMOVABLE FACE, C.W./O.B.D. FRAME SHALL BE FOR SURFACE OR LAY-IN MOUNTING AS REQUIRED BY CEILING TYPE. LAY-IN FRAMES SHALL BE 24" x 24", 24" x 12" OR 12" x 12" AS REQUIRED TO FIT CEILING TILE SPACE AVAILABLE.
CD-2	REGGIO REGISTERS	METAL GRILLE SCROLL	30	CAST ALUMINUM WITH BAKED ON GRAY POWDER COAT. COMPLETE WITH O.B.D. INSIDE MEASUREMENT IS CALLED OUT ON PLANS. REGISTER SHALL BE PAINTED. COLOR BY ARCHITECT.
RG-1	EH PRICE	PDDR	30	PERFORATED FACE RETURN AIR UNIT, REMOVABLE FACE & CORE. FRAME SHALL BE FOR SURFACE OR LAY-IN MOUNTING AS REQUIRED BY CEILING TYPE. LAY-IN FRAMES HSLI BE 24" x 24", 24" x 12" OR 12" x 12" AS REQUIRED TO FIT CEILING TILE SPACE AVAILABLE. AIR QUANTITY SHALL MATCH ROOM SUPPLY OR EXHAUST AIR QUANTITY.
RG-2	REGGIO REGISTERS	METAL GRILLE SCROLL	30	CAST ALUMINUM WITH BAKED ON GRAY POWDER COAT. COMPLETE WITH O.B.D. INSIDE MEASUREMENT IS CALLED OUT ON PLANS. REGISTER SHALL BE PAINTED. COLOR BY ARCHITECT.
EG-1	EH PRICE	PDDR	30	PERFORATED FACE EXHAUST AIR UNIT, REMOVABLE FACE & CORE. FRAME SHALL BE FOR SURFACE OR LAY-IN MOUNTING AS REQUIRED BY CEILING TYPE. LAY-IN FRAMES HSLI BE 24" x 24", 24" x 12" OR 12" x 12" AS REQUIRED TO FIT CEILING TILE SPACE AVAILABLE. AIR QUANTITY SHALL MATCH ROOM SUPPLY OR EXHAUST AIR QUANTITY.
SWS-1	REGGIO REGISTERS	METAL GRILLE SCROLL	30	CAST ALUMINUM WITH BAKED ON GRAY POWDER COAT. COMPLETE WITH O.B.D. INSIDE MEASUREMENT IS CALLED OUT ON PLANS. REGISTER SHALL BE PAINTED. COLOR BY ARCHITECT.
SWR-1	REGGIO REGISTERS	METAL GRILLE SCROLL	30	CAST ALUMINUM WITH BAKED ON GRAY POWDER COAT. COMPLETE WITH O.B.D. INSIDE MEASUREMENT IS CALLED OUT ON PLANS. REGISTER SHALL BE PAINTED. COLOR BY ARCHITECT.
SWE-1	EH PRICE	635	30	FACE STYLE: SIDE WALL RETURN AIR GRILLE ARRANGEMENT: STATIONARY HORIZONTAL BLADE ORIENTATION: 45 DEG DEFLECTION VANES SPACED AT 1/2 INCH CENTERS. FRONT BLADES PARALLEL TO LONG DIMENSION. MATERIAL: ALUMINUM FINISH: COLOR BY ARCHITECT

ELECTRIC UNIT HEATER SCHEDULE

ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	USE TYPE	AIR		ELECTRICAL				PHYSICAL		NOTES
					AIRFLOW RATE (CFM)	HEATING CAPACITY (BTU/H)	HEATING CAPACITY (KW)	MOTOR SIZE (HP)	MOTOR SPEED (RPM)	VOLT/PH/HZ	CABINET DIMENSIONS LxWxH (IN)	WEIGHT (LBS)	
EUH-1	QMARK EFF4804	ENTRY VESTIBULE	ELECTRIC	HEATING	100	16375	4.8	1/8	1550	208/1/60	4x15.375x18.75	25	(1)(2)
EUH-2	QMARK CWH3508F	ENTRY VESTIBULE	ELECTRIC	HEATING	100	16375	4.8	1/8	1550	208/1/60	4x15.75x19.25	25	(1)(2)

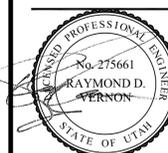
- (1) CAPACITY BASED AT 4,500 FEET ELEVATION.
- (2) COMPLETE WITH FACTORY MOUNTED DISCONNECT AND BUILT-IN THERMOSTAT. FUSE PROTECTION BY DIVISION 26

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MARK	DATE	DESCRIPTION

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MECHANICAL SCHEDULES

M-601

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GAS FIRED FURNACE SCHEDULE

ID	MANUFACTURER AND MODEL NUMBER	LOCATION	ORIENTATION	MAX INPUT LOAD (MBH)	MAX OUTPUT LOAD (MBH)	AIRFLOW RATE (CFM)	EXTERNAL STATIC PRESSURE DROP (IN H2O)	FLUE SIZE (IN)	AFUE EFFICIENCY	ASSOCIATED COOLING COIL	ASSOCIATED CONDENSING UNIT	ELECTRICAL				PHYSICAL		NOTES
												MAX FUSE CKT BKR (AMPS)	MAX INPUT AMPS (AMPS)	MOTOR SIZE (HP)	VOLT/PH/HZ	WIDTH/DEPTH/HEIGHT (IN)	WEIGHT (LBS)	
F-1	YORK TM9Y100C20MP11	MECHANICAL	VERTICAL - UPFLOW	66	63	1,200	0.83	(2)	96	DX-1	ACC-1	15	8.7	0.5	115/1/60	20/32/36	130	(1)(2)(3)(4)
F-2	YORK TM9Y100C20MP11	MECHANICAL	VERTICAL - UPFLOW	49	48	900	0.13	(2)	95.5	DX-2	ACC-2	15	10.3	0.5	115/1/60	20/32/36	130	(1)(2)(3)(4)
F-3	YORK TM9Y100C20MP11	MECHANICAL	VERTICAL - UPFLOW	82	79	1,935	0.62	(2)	96	DX-3	ACC-3	15	10.3	0.75	115/1/60	23/32/36	160	(1)(2)(4)
F-4	YORK TM9Y100C20MP11	MECHANICAL	VERTICAL - UPFLOW	82	79	1,935	0.62	(2)	96	DX-4	ACC-4	15	10.3	0.75	115/1/60	23/32/36	160	(1)(2)(4)
F-5	YORK TM9Y100C20MP11	MECHANICAL	VERTICAL - UPFLOW	82	79	1,935	0.62	(2)	96	DX-5	ACC-5	15	10.3	0.75	115/1/60	23/32/36	160	(1)(2)(4)

- (1) ALL CONDITIONS RATED AT 4,500 FEET ELEVATION. HEATING BASED ON -10°F (WINTER); COOLING BASED ON 91DB/62WB (SUMMER).
 (2) 3" VENT WITH CONCENTRIC VENT KIT AND NEUTRALIZER KIT. ALTERNATE MANUFACTURER'S SHALL SIZE VENTS.
 (3) FURNACE COMPLETE WITH DIVERSITECH CP-22T CONDENSATE PUMP.
 (4) PROVIDE CONTROLS. CONTROLS SHALL BE 7-DAY PROGRAMABLE THERMOSTAT. THERMOSTAT SHALL INCORPORATE AVERAGING SENSORS AS REQUIRED. SEE PLANS.

DX COIL SCHEDULE

ID	MANUFACTURER AND MODEL NUMBER	LOCATION	AIR			EFFICIENCY SEER	DX REFRIGERANT	PHYSICAL		NOTES
			AIRFLOW RATE (CFM)	NOMINAL CAPACITY (BTU/HR)	ENTERING TEMP. DB/WB (°F)			LEAVING TEMP. DB (°F)	WIDTH/DEPTH/HEIGHT (IN)	
DX-1	CARRIER CF42BBA1	F-1	1,200	36,000	76.7/61.9	52	R410A	21/21.5/33	70	(1)(2)(4)(5)
DX-2	CARRIER CF24BBA1	F-2	900	24,000	76.7/61.9	52	R410A	21/21.5/33	70	(1)(2)(4)(5)
DX-3	CARRIER CF60CBCA1	F-3	1,935	55,400	76.7/61.9	52	R410A	21/21.5/33	70	(1)(2)(3)(4)(5)
DX-4	CARRIER CF60CBCA1	F-4	1,935	55,400	76.7/61.9	52	R410A	21/21.5/33	70	(1)(2)(3)(4)(5)
DX-5	CARRIER CF60CBCA1	F-5	1,935	55,400	76.7/61.9	52	R410A	21/21.5/33	70	(1)(2)(3)(4)(5)

- (1) CAPACITIES BASED ON 4,500 FT. ELEVATION.
 (2) COMPLETE WITH FACTORY BOX AND COIL AND TXV KIT.
 (3) COMPLETE WITH MANUFACTURERS TWINNING KIT TO ALLOW TWO FURNACES TO OPERATE AS A SINGLE UNIT.
 (4) DX COIL, CONDENSING UNIT, AND FURNACE SHALL BE PROVIDED BY THE SAME MANUFACTURER / SUPPLIER.
 (5) SEE CONDENSING UNIT SCHEDULE FOR CORRESPONDING CONDENSING UNIT.

ELECTRIC COIL SCHEDULE

ID	MANUFACTURER AND MODEL NUMBER	LOCATION	USAGE	AIR				ELECTRICAL				PHYSICAL DUCT SIZE W x H (IN)	NOTES	
				AIRFLOW RATE (CFM)	HEATING CAPACITY (BTU/H)	ENTERING TEMP. DB/WB (°F)	LEAVING TEMP. DB/WB (°F)	MINIMUM KW	ACTUAL KW	VOLT/PH/HZ	AMPS			STAGES
HC-1	WARREN SL15T	F-1	VENTILATION HEAT	620	49,134	-5	65	7.2	14.4	240/3/60	60	2	16/10	(1)(2)(3)(4)(5)

- (1) UNIT COMPLETE WITH AIR PRESSURE SWITCH KIT.
 (2) INTERLOCK HEATER WITH ASSOCIATED VENTILATION FAN BY DIV 26.
 (3) MECHANICAL CONTRACTOR TO PROVIDE AND INSTALL DUCT MOUNTED THERMOSTAT DOWNSTREAM OF COIL. THERMOSTAT SHALL BE SET TO MAINTAIN THE SCHEDULED LEAVING AIR TEMPERATURE.
 (4) EQUIPPED WITH THE FOLLOWING FACTORY OPTIONS: THERMAL SAFETY CUT-OUT, PILOT LIGHT, INSULATED CONTROL PANEL, FAN CONNECTION & RELAY ... AND ALL ASSOCIATED DEVICES NECESSARY TO INTERLOCK WITH ASSOCIATED VENTILATION FAN (115/1/60 VENTILATION FAN)
 (5) ELECTRICAL DISCONNECT BY DIVISION 26.

FAN SCHEDULE

ID	MANUFACTURER AND MODEL NUMBER	AREA SERVED	LOCATION	TYPE	AIR		FAN				ELECTRICAL		PHYSICAL		FILTER		NOTES
					MAXIMUM AIRFLOW RATE (CFM)	STATIC PRESSURE (IN. WATER)	FAN SPEED (RPM)	MOTOR SIZE (HP)	OPERATING (BHP)	FLA (AMP)	MAXIMUM MOTOR SPEED (RPM)	VOLT/PH/HZ	LENGTH/WIDTH/HEIGHT (IN)	WEIGHT (LBS)	LENGTH/WIDTH/HEIGHT (IN)	PERFORMANCE	
VF-1	GREENHECK SQ-095-VG	VENTILATION/HEATING	UTILITY	DIRECT	650	0.568	1952	3/4	0.27	NA	2200	115/1/60	51/15/15	125	25/14	MERV-8	(1)(2)(3)(4)
EF-1	GREENHECK SQ-095-VG	VENTILATION/HEATING	UTILITY	DIRECT	620	0.568	1952	3/4	0.27	NA	2200	115/1/60	51/15/15	125	25/14	MERV-8	(1)(3)(4)(5)
EF-2	GREENHECK SQ-080-VG	VENTILATION/HEATING	UTILITY	DIRECT	200	0.425	1605	1/6	0.07	NA	1352	115/1/60	19/15/15	90	12/10	MERV-8	(1)(3)(6)
EF-3	GREENHECK SP-A90	EXHAUST	TOILET ROOM	CEILING	70	0.25	900	.008	.005	.17	-	115/1/60	11/13/2009	12	NA	NA	(1)(2)

- (1) ALL CAPACITIES AT 4,800 FEET ELEVATION.
 (2) CONTROL: INTERLOCK WITH LIGHTS BY DIV 26. COMPLETE WITH 30 MINUTE DELAY SHUT OFF.
 (3) CENTRIFUGAL INLINE EXHAUST FAN. COMPLETE WITH STARTER, ADJUSTABLE FAN SPEED CONTROL & ECM MOTOR, BIRD SCREEN, INTEGRAL THERMAL OVERLOAD PROTECTION, ELECTRICAL ... DISCONNECT, AND MOTORIZED BACKDRAFT DAMPER WITH END SWITCH AND INTERLOCK BY MECHANICAL.
 (4) COMPLETE WITH INTEGRAL FILTER BOX AND 1" MERV-8 FILTER. MAX VELOCITY 350 FPM.
 (5) CONTROL: INTERLOCK WITH VF-1 BY DIV 26.
 (6) CONTROL: WALL SWITCH BY DIV 26.



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MARK	DATE	DESCRIPTION	ASI #1						
	07/15/22								

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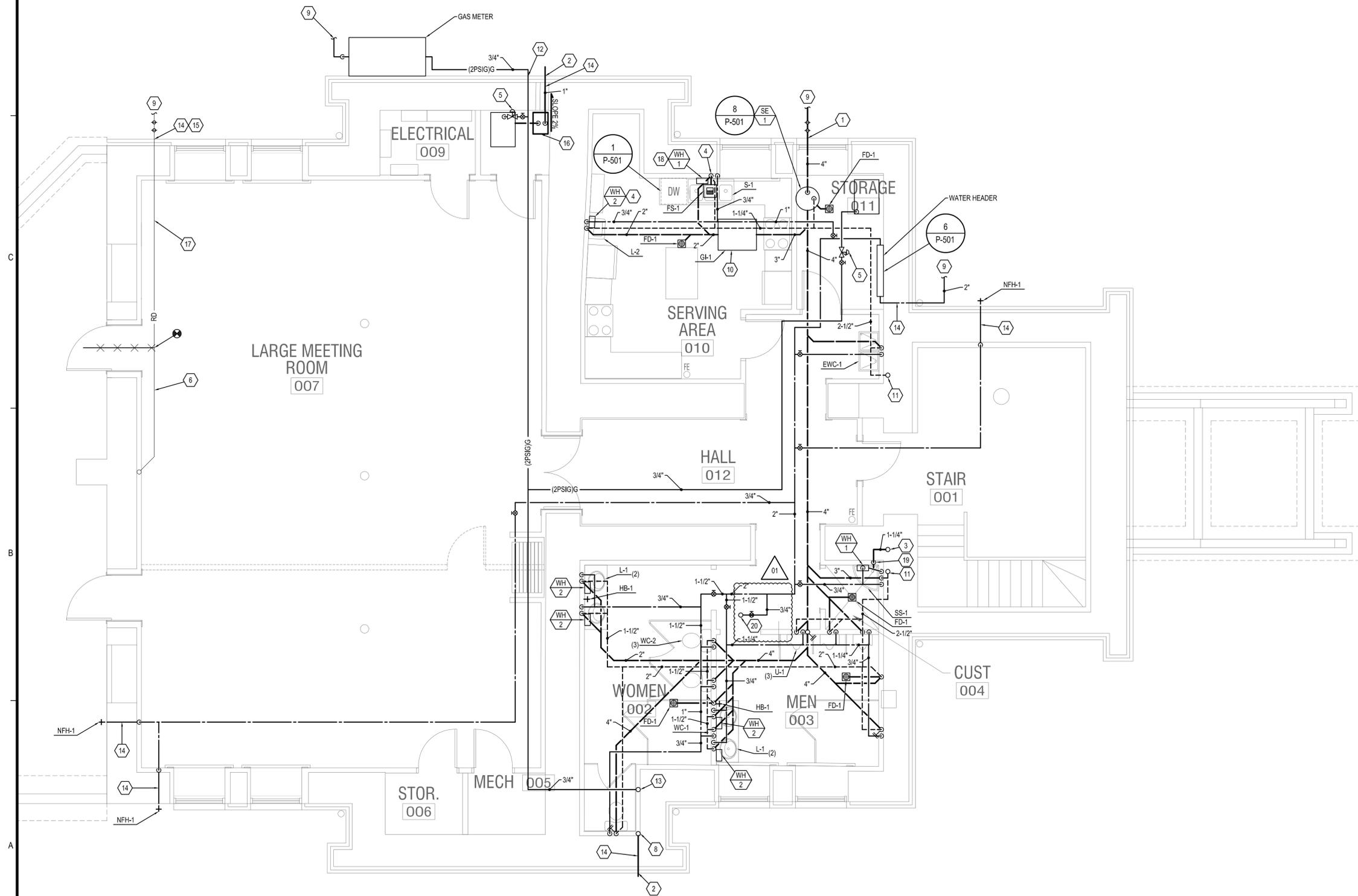


MECHANICAL SCHEDULES

M-602

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KEYED NOTES

1. WASTE LINE SHALL EXTEND THRU THE WALL 3 FEET BELOW FINISHED GRADE. CORE DRILL AND SEAL PENETRATION WATER TIGHT.
2. STUB OUT CONDENSATE LINE 12" ABOVE FINISHED GRADE. SEAL PENETRATION WEATHER TIGHT.
3. 1-1/4" CONDENSATE PIPING FROM ABOVE.
4. SAWCUT FOOTING AS NECESSARY TO INSTALL PLUMBING.
5. 2 PSIG TO 4 OZ GAS PRESSURE REGULATOR. VENT TO OUTSIDE. 34 CFH LOAD.
6. DEMOLISH AND REMOVE EXISTING RAIN WATER PIPING SHOWN HATCHED.
7. NEW RAIN WATER PIPING FROM ABOVE.
8. 1" CONDENSATE FROM ABOVE.
9. SEE CIVIL PLANS FOR CONTINUATION.
10. PROVIDE AND INSTALL ZURN Z172 SIZE 900 GREASE INTERCEPTOR.
11. 2-1/2" VENT UP.
12. RUN GAS PIPING THRU EXISTING 4" PVC PIPING. SEAL WATER TIGHT.
13. 3/4" GAS PIPING UP.
14. CORE DRILL AND SEAL PENETRATION WATER TIGHT.
15. RAIN WATER PIPING SHALL PENETRATE WALL 3 FEET BELOW FINISHED GRADE.
16. LOCATION OF CONDENSATE PUMP. PUMP FURNISHED WITH FURNACE (SEE SCHEDULE), INSTALLED BY PLUMBING CONTRACTOR.
17. NEW 3" ROOF DRAIN LINE.
18. PIPE HOT WATER TO SINK AND DISH WASHER.
19. DROP CONDENSATE DOWN IN WALL AND STUB OUT ABOVE SINK. ELBOW DOWN INTO SINK.
20. 3/4" DOMESTIC COLD WATER PIPING UP.

1 BASEMENT PLUMBING PLAN
P-100 0' - 1/4" = 1' - 0"

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1/A	07/15/22		

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P-100

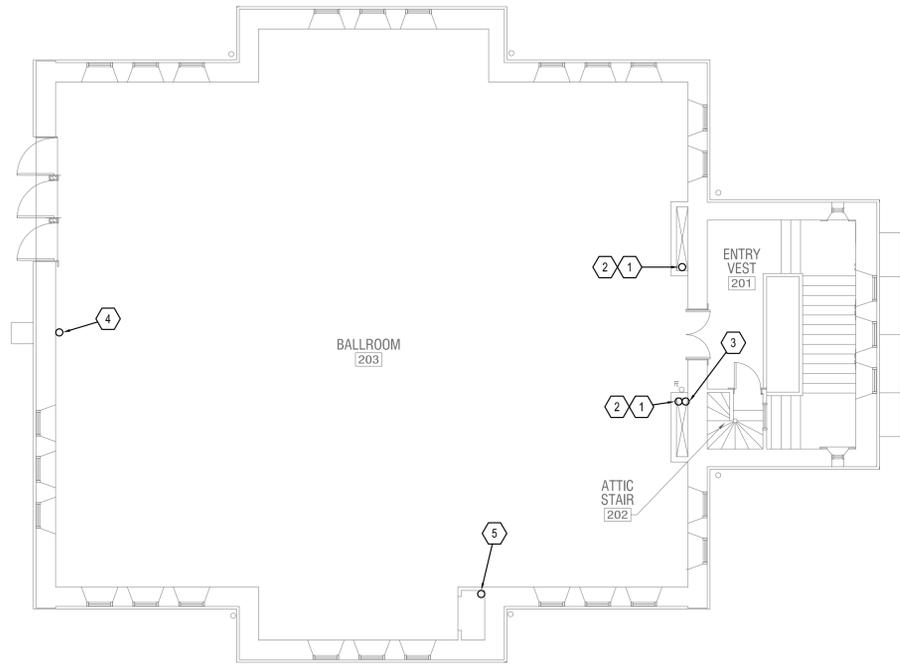
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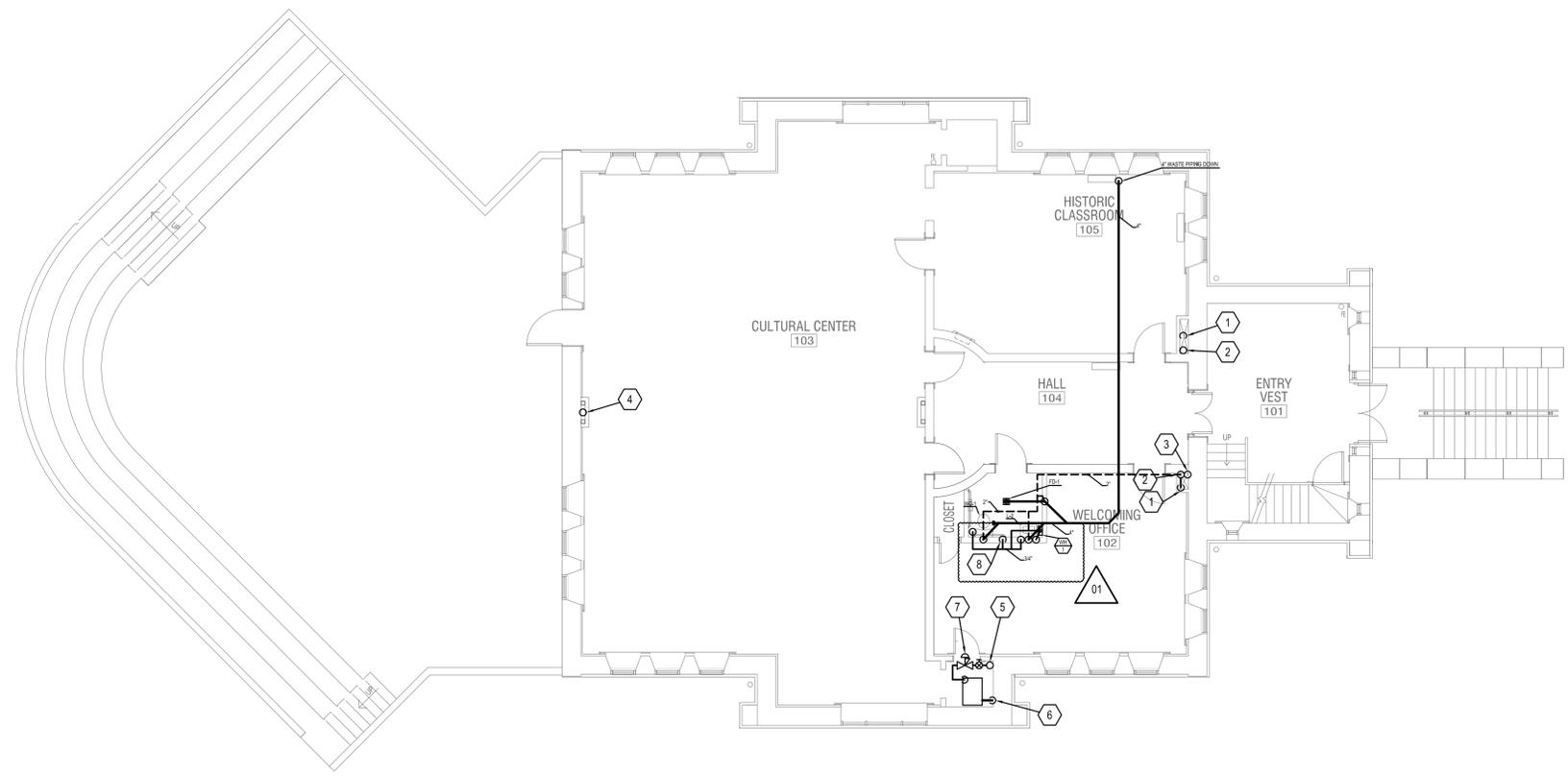
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2 SECOND FLOOR PLUMBING PLAN
 P-101 0' - 1/8" = 1' - 0"



1 FIRST FLOOR PLUMBING PLAN
 P-101 0' - 1/8" = 1' - 0"

KEYED NOTES

- 2-1/2" VENT FROM BELOW.
- 2-1/2" VENT UP.
- 1-1/4" CONDENSATE UP AND DOWN.
- DEMOLISH AND REMOVE EXISTING RAIN WATER PIPING.
- 3/4" GAS PIPING UP AND DOWN.
- 1" CONDENSATE LINE DOWN.
- 2 PSIG TO 4 OZ GAS PRESSURE REGULATOR, VENT TO OUTSIDE: 93 CFM LOAD.
- 3/4" DOMESTIC COLD WATER FROM BELOW.

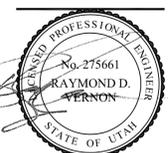
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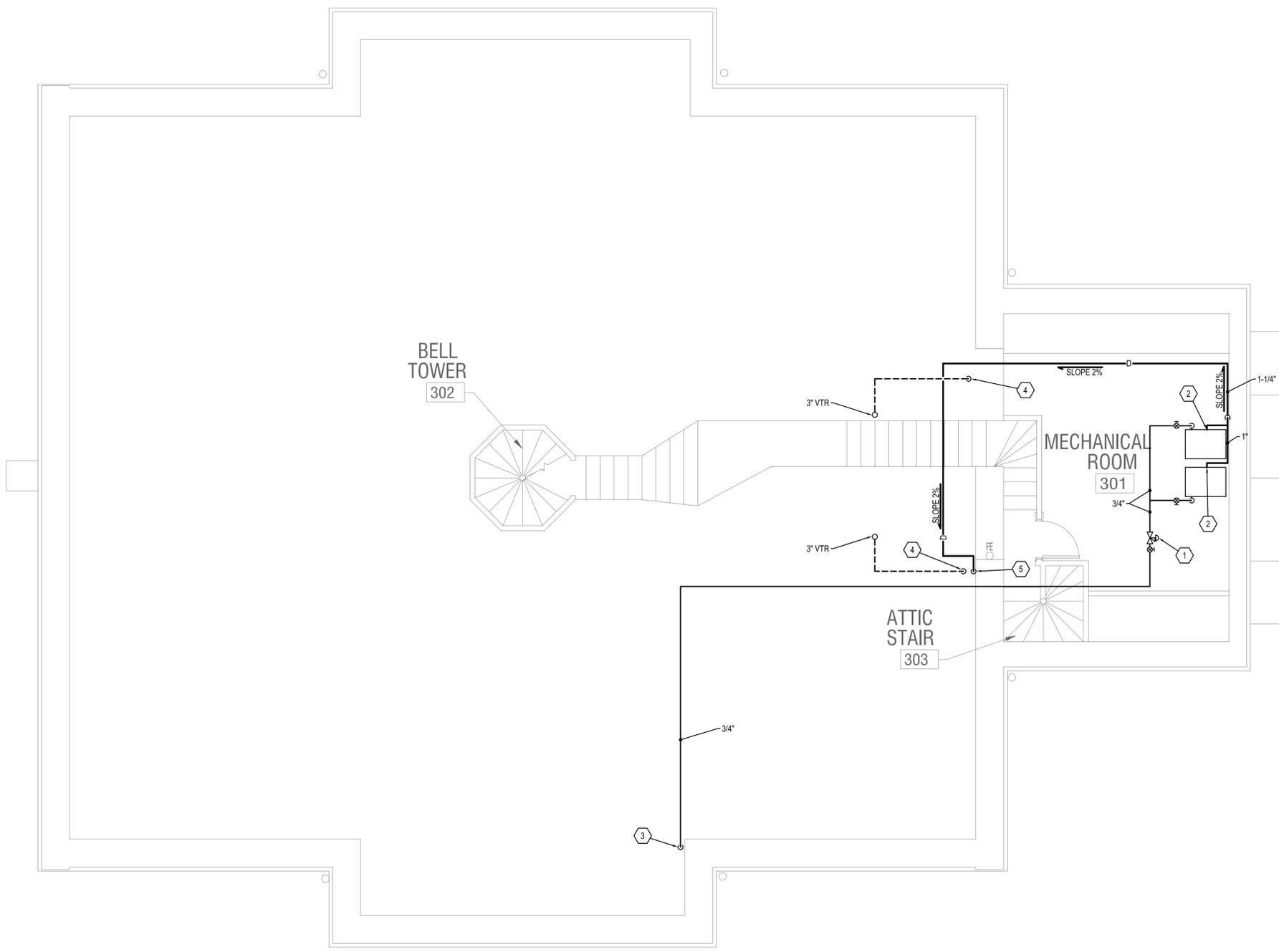
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- # KEYED NOTES
- 2 PSIG TO 4 OZ GAS PRESSURE REGULATOR. VENT TO OUTSIDE. 186 CFH LOAD.
 - CONNECT COOLING COIL CONDENSATE AND FLUE CONDENSATE TO DRAIN LINE.
 - 3/4" GAS PIPING FROM BELOW.
 - 2-1/2" VENT PIPING FROM BELOW.
 - 1-1/4" CONDENSATE PIPING DOWN.



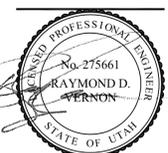
1 ATTIC PLUMBING PLAN
P-102 0' - 1/4" = 1' - 0"

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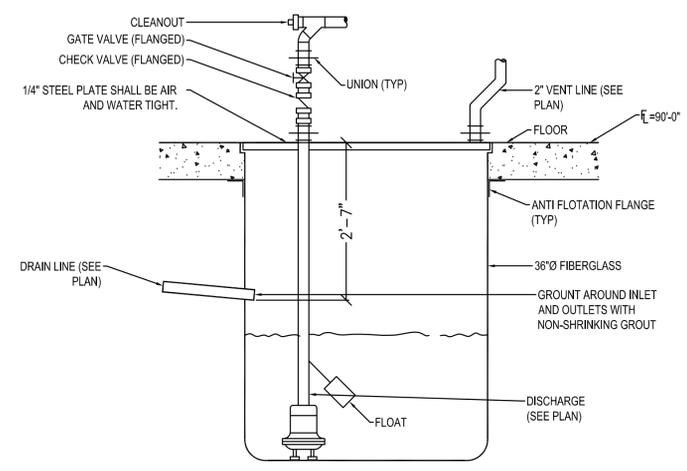
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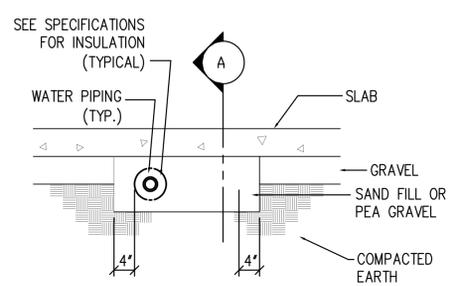
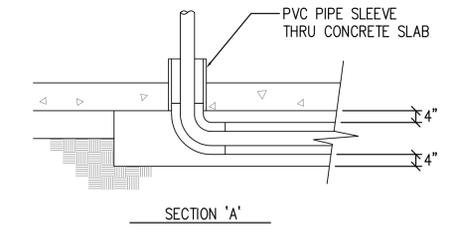


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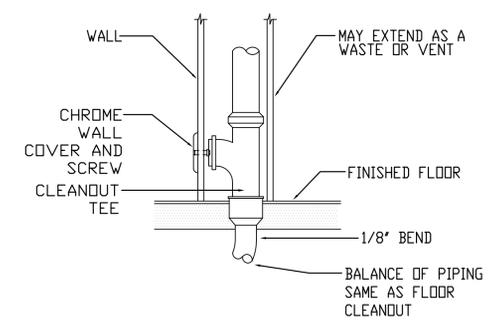
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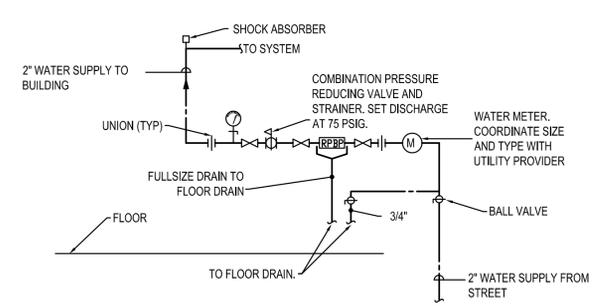
8 SEWAGE EJECTOR DETAIL
 P-501 NO SCALE



5 UNDER SLAB WATER PIPING
 P-501 NO SCALE



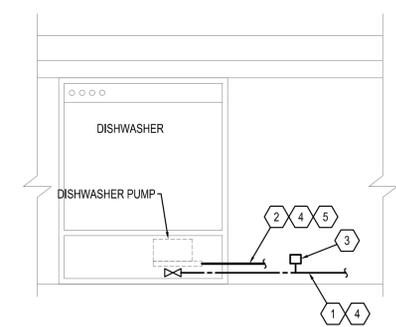
7 WALL CLEANOUT
 P-501 NO SCALE



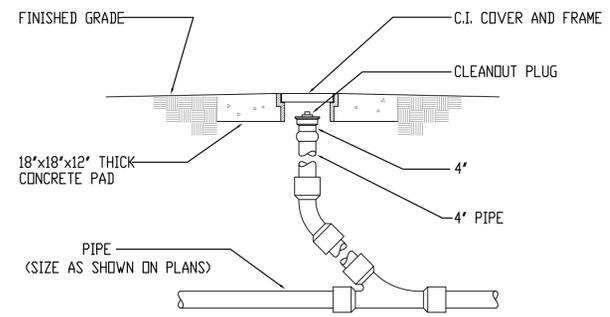
6 WATER HEADER PIPING DETAIL
 P-501 NO SCALE

KEYED NOTES

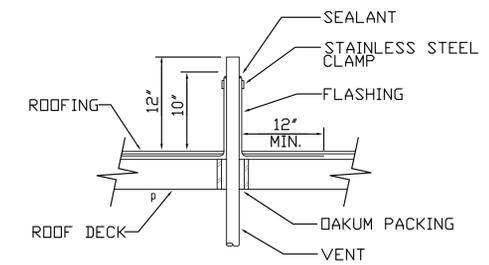
- 1 INSTALL 3/8" (MINIMUM) ANNEALED COPPER TUBING FROM HOT WATER SUPPLY TO DISHWASHER INLET VALVE.
- 2 5/8" WASTE HOSE FROM DISHWASHER PUMP TO AIR GAP FITTING AT FLOOR SINK. USE STAINLESS STEEL CLAMPS TO PROVIDE WATERTIGHT CONNECTIONS. USE RUBBER INCREASER AT AIR GAP CONNECTION.
- 3 WATER HAMMER ARRESTOR IN ACCESSIBLE LOCATION, J.R. SMITH #5005, SIZE 'A'.
- 4 SIZES OF HOSE AND TUBING SHALL BE INCREASED IF RECOMMENDED BY DISHWASHER MANUFACTURER.
- 5 RUBBER HOSE SHALL BE RATED FOR 200' F. WATER.



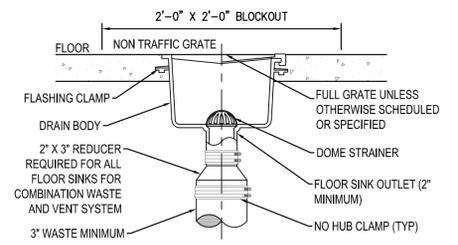
1 DISH WASHER CONNECTION
 P-501 NO SCALE



2 CLEANOUT TO GRADE DETAIL (COTG)
 P-501 NO SCALE



3 VENT THRU ROOF FLASHING & SLEEVING
 P-501 NO SCALE



4 FLOOR SINK
 P-501 NO SCALE

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PLUMBING
 DETAILS

PLUMBING FIXTURE SCHEDULE

ID	FIXTURE	CW (IN)	HW (IN)	W (IN)	V (IN)	NOTES
EWC-1	ELECTRIC WATER COOLER	1/2	--	1 1/2	1 1/2	WATER COOLER: ELKAY MODEL EZSTL-8 WALL MOUNTED BARRIER FREE SPLIT LEVEL WATER COOLER. ONE-PIECE STAINLESS STEEL TOPS AND RECEPTORS; WELDED STEEL FRAME AND STAINLESS STEEL PANELS WITH BAKED ENAMEL COATING; HERMETICALLY SEALED MOTOR COMPRESSOR WITH OVERLOAD PROTECTION, 1/5 HP 115V/SINGLE PHASE/60 CYCLE; FAN COOLED CONDENSER; PERMANENTLY LUBRICATED FAN MOTOR; COOLER SHALL DELIVER 7.8 GPH OF 50°F DRINKING WATER WITH 80°F INLET TEMPERATURE AND 90°F ROOM TEMPERATURE.
FD-1	FLOOR DRAIN	--	--	2	2	FLOOR DRAIN: SMITH 2005-A-U WITH 6-INCH NICKEL BRONZE STRAINER, CAST-IRON BODY, NO-HUB CONNECTION. PROVIDE AND INSTALL TRAP GUARD WATERLESS TRAP INSERT.
FS-1	FLOOR SINK	--	--	3	2	FLOOR SINK: SMITH 3100U CAST IRON DRAIN WITH ENAMELED INTERIOR, 8-1/2" X 8-1/2" NICKEL BRONZE RIM AND GRATE, DOME BOTTOM STRAINER AND FLASHING FLANGE. SECURE TOP WITH VANDAL PROOF SCREWS. PROVIDE HALF GRATE. PROVIDE AND INSTALL TRAP GUARD WATERLESS TRAP INSERT.
HB-1	HOSE BIBB	3/4	--	--	--	
L-1	LAVATORY	1/2	1/2	1 1/2	1 1/2	LAVATORY (UNDER COUNTER MOUNTED, OVAL, ADA COMPLIANT): KOHLER K-2211-G, CAXTON, 19" X 15" OVAL, VITREOUS CHINA, UNDER-MOUNT LAVATORY, KOHLER K-7514-VS DECK MOUNTED BATTERY OPERATED SENSOR FAUCET WITH VIBRANT STEEL FINISH; 0.5 GPM AERATOR AND OPEN-GRID STRAINER, FLEXIBLE SUPPLIES WITH LOOSE KEY ANGLE STOPS. P-TRAP WITH CLEAN-OUT PLUG. PROVIDE ADA COMPLIANT UNDER COUNTER PIPING VANDAL PROTECTION BY TRUE-BRO IMPACT RESISTANT LAV GUARD WITH TAMPER PROOF FASTENERS.
L-2	LAVATORY	1/2	1/2	1 1/2	1 1/2	LAVATORY (WALL HUNG): KOHLER K2485, TAUNTON, 16 X 14-INCH WALL HUNG, VITREOUS CHINA LAVATORY WITH SINGLE FAUCET HOLE, KOHLER K-8046-2A FAUCET WITH POLISHED CHROME FINISH; AERATOR AND OPEN-GRID STRAINER; WITH STRAINERS AND DOUBLE CHECK VALVES ON HOT AND COLD WATER INLETS, FLEXIBLE SUPPLIES WITH LOOSE KEY CONTROL, STOPS, CAST BRASS P-TRAP WITH CLEANOUT PLUG; PROVIDE AND INSTALL ON WALL HANGER SYSTEM.
NFH-1	NON FREEZE WALL HYDRANT	3/4	--	--	--	WALL HYDRANT: SMITH 5509QT NON-FREEZE BOX WALL HYDRANT FOR WALL THICKNESS SHOWN ON PLAN. HYDRANT BOX SHALL HAVE POLISHED BRONZE FACE, 3/4-INCH CONNECTION WITH BRASS CASING, INTEGRAL SELF-DRAINING VACUUM BREAKER, AND LOOSE KEY.
S-1	SINK	1/2	1/2	2	1 1/2	SINK (UNDER COUNTER MOUNTED, THREE COMPARTMENT): ELKAY HARMONY UNDERMOUNT TRIPLE BOWL SINK MODEL ELUH4020. 18 GA. TYPE 304 STAINLESS STEEL SINK; 40" X 20-1/2" X 9-7/8" DEEP; CHICAGO W4D-L9E35-317ABCP FAUCET AND AERATOR 1.5 GPM FLOW CONTROL; QTY (3) LK-99 DRAINS. FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS, CAST BRASS P-TRAP. PROVIDE AND INSTALL POWERS 480 UNDER COUNTER THERMOSTATIC MIXING VALVE WITH ADDITIONAL CHECK STOPS AND STRAINERS IN HOT AND COLD SUPPLY LINES.
SS-1	SERVICE SINK	3/4	3/4	3	2	SERVICE SINK (FLOOR MOUNTED, CORNER): KOHLER K6710, WHITBY, 28 X 28-INCH, ENAMELED CAST IRON FLOOR-MOUNTED CORNER MODEL, K9146-3" DRAIN WITH STRAINER, NO. K8940 REMOVABLE VINYL-COATED RIM GUARD; CHICAGO 897 FAUCET WITH VACUUM BREAKER, SCREWDRIVER STOPS IN SHANKS, 5 FOOT RUBBER HOSE AND 853 WALL HOOK.
U-1	URINAL	3/4	--	2	2	URINAL (WALL HUNG): SLOAN WEUS 1000.1201-0.13 COMPLETE HEU SYSTEM WITH BATTERY POWERED SENSOR OPERATED G2 OPTIMA PLUS FLUSHMETER WITH DIRT GRABBER FLUSH VALVE FILTER AND VITREOUS CHINA URINAL WITH INTEGRAL FLUSHING RIM, 3/4" TOP SPUD, 2" SPUD OUTLET. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.
WC-1	WATER CLOSET	1	--	4	2	WATER CLOSET (FLOOR MOUNTED, TANK TYPE, ADA COMPLIANT): KOHLER K3519, HIGHLINE PRESSURE-LITE TOILET, VITREOUS CHINA, 1.0 GALLON FLUSH WITH SLOAN FLUSHMATE. ELONGATED BOWL DESIGN, 17-1/8" HIGH, 2-1/4" PASSAGEWAY, 52048 BOLT CAPS. BEMIS 3155-C "DURAGUARD" WHITE, SOLID PLASTIC, OPEN-FRONT SEAT, LESS COVER. TRIP LEVER SHALL BE ON THE ACCESSIBLE SIDE OF THE TANK. COORDINATE WITH ARCHITECTURAL PLANS.
WC-2	WATER CLOSET	1	--	4	2	WATER CLOSET (FLOOR MOUNTED, TANK TYPE): KOHLER K3531, WELLWORTH TOILET, FLOOR MOUNTED, VITREOUS CHINA, 1.0 GALLON FLUSH WITH SLOAN FLUSHMATE. ELONGATED BOWL DESIGN, 2-1/4" PASSAGEWAY. BEMIS 3155-C "DURAGUARD" WHITE, SOLID PLASTIC, OPEN-FRONT SEAT, LESS COVER.
GI-1	GREASE INTERSEPTOR			3		ZURN MODEL 900, 65 GAL

1. ALL UNDER GROUND WASTE AND VENT SHALL BE 2" OR GREATER PER DRAWINGS.

ELECTRIC WATER HEATER SCHEDULE

ID	QUANTITY	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	DISCHARGE WATER TEMPERATURE (F)	GPM	ELECTRICAL		PHYSICAL HEIGHT/ WIDTH (IN)	NOTES
							(KW)	V/PH		
WH-1	2	BRADFORD WHITE EFT-9500-4-S-10-ML	SEE PLANS	TANKLESS	105	2	9.5	240/1	10.75/5.25	
WH-2	5	BRADFORD WHITE ES-3000-1-S-10	SEE PLANS	TANKLESS	85	0.5	3	120/1	10.75/5.25	

SEWAGE EJECTION AND SUMP PUMP STATION SCHEDULE

ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	FLUID			ELECTRICAL			NOTES	
				FLOW RATE (GPM)	WORKING FLUID	HEAD LOSS (FT)	MOTOR SIZE (HP)	FLA (A)	VOLT/PH/Hz		
SE-1	LITTLE GIANT GPSMPX2460	STOR 015	SEWAGE	31	SEWAGE	40	CAST IRON	2	13.9	230/1/60	1

1. PUMP PACKAGE TO INCLUDE 24"X60" SUMP, PUMP, FLOAT SWITCH, FULL FLOW CHECK VALVE.

NATURAL GAS REQUIREMENTS

EQUIP. NO.	QTY.	LOCATION	EQUIPMENT	EQUIP BTUH INPUT	TOTAL CFH
F-1	1	SEE PLANS	FURNACE	66,000	75
F-2	1	SEE PLANS	FURNACE	49,000	56
F-3, 4, 5	3	SEE PLANS	FURNACE	82,000	280
TOTAL (BTUH) =		361,000			
BTU/CUBIC FT. =		880			
TOTAL CFH=		410			

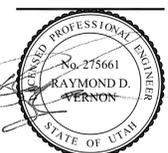
NEW 2 PSIG GAS METER ON CONCRETE PAD TO BE INSTALLED BY GAS SUPPLIER AND PAID FOR BY CONTRACTOR. METER SHALL BE COMPLETE WITH EARTHQUAKE VALVE.

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ONEIDA STAKE ACADEMY REHABILITATION
90 EAST ONEIDA STREET, PRESTON, ID 83263
ONEIDA STAKE ACADEMY FOUNDATION
P.O. BOX 555, PRESTON, ID 83263

MARK	DATE	DESCRIPTION

PROJECT #: 112071
DRAWN BY: DBB
CHECKED BY: JLJ
ISSUED: 08/11/19



PLUMBING SCHEDULES

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SYMBOL LEGEND	
SYMBOL	DESCRIPTION
REFERENCE AND LINE SYMBOLS	
	DETAIL INDICATOR: A5 INDICATES DETAIL NUMBER, E-501 INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
	ROOM IDENTIFIER WITH ROOM NAME AND NUMBER.
	KEYNOTE INDICATOR.
	REVISION INDICATOR.
	EQUIPMENT INDICATOR.
	BREAK, STRAIGHT: TO BREAK PARTS OF DRAWING.
	BREAK, ROUND.
	MATCH LINE INDICATOR: CENTER, EXTRA WIDE LINE.
	NEW LINE: MEDIUM LINE.
	EXISTING TO REMAIN LINE: THIN LINE.
	DEMOLITION LINE: DASHED, MEDIUM LINE.
WIRING METHODS	
	WIRING.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS. USE #12 CONDUCTORS, EXCEPT #10 CONDUCTORS SHALL BE INSTALLED IF DISTANCES EXCEED THOSE SPECIFIED IN THE ELECTRICAL SPECIFICATIONS.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS. NUMBER IN BOX REFERS TO THE CONDUCTOR AND CONDUIT SCHEDULE. FOR BRANCH WIRING USE #12 CONDUCTORS, EXCEPT #10 CONDUCTORS SHALL BE INSTALLED IF DISTANCES EXCEED THOSE SPECIFIED IN THE ELECTRICAL SPECIFICATIONS.
	CONDUIT STUB. DIMENSION RECORD DRAWINGS AND MARK.
	CONDUCTOR & CONDUIT ("CC") SCHEDULE INDICATOR. REFER TO ONE-LINE DIAGRAM.
	JUNCTION BOX.
	JUNCTION BOX, CEILING.
	EARTH GROUND (ONE-LINE DIAGRAM).
WIRING DEVICES	
	RECEPTACLE, DUPLEX: NEMA 5-20R.
	RECEPTACLE, DUPLEX, ABOVE COUNTER: NEMA 5-20R.
	RECEPTACLE, DUPLEX, CEILING: NEMA 5-20R.
	RECEPTACLE, DUPLEX, WEATHERPROOF: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, DRINKING FOUNTAIN: CONCEAL WATER COOLER RECEPTACLE BEHIND WATER COOLER. SEE MECHANICAL/PLUMBING SHOP DRAWINGS FOR INSTALLATION REQUIREMENTS.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WET LABEL, "WEATHERPROOF IN USE": NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX: NEMA 5-20R.
	FLUSH FLOOR BOX. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
	SWITCH, DIMMER.
	SWITCH, SINGLE POLE ("x" INDICATES FIXTURES CONTROLLED).
	SWITCH, THREE-WAY ("x" INDICATES FIXTURES CONTROLLED).
	SWITCH, FOUR-WAY ("x" INDICATES FIXTURES CONTROLLED).
LIGHTING (REFER TO FIXTURE SCHEDULE FOR SYMBOLS)	
	FIXTURE IDENTIFICATION: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
	FIXTURE IDENTIFICATION, EMERGENCY WITH BATTERY PACK, CONNECTED TO GENERATOR AS INDICATED: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
	EMERGENCY.
	NIGHT LIGHT: DO NOT SWITCH.
	EGRESS DIRECTION ARROW.

SYMBOL LEGEND	
SYMBOL	DESCRIPTION
LIGHTING CONTROL	
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, WALL.
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, DIRECTIONAL.
	VACANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	VACANCY SENSOR, DUAL TECHNOLOGY, WALL.
	PHOTOCELL.
STRUCTURED CABLING	
	TELEPHONE, WALL MOUNTED ("x" INDICATES QUANTITY OF CABLES).
	TELEPHONE, WALL MOUNTED: WALL PHONE.
	OUTLET, DATA COMMUNICATION ("x" INDICATES QUANTITY OF CABLES).
	OUTLET, BUILDING STANDARD COMBINATION TELEPHONE/DATA COMMUNICATION.
	TELEPHONE TERMINAL BOARD, FIRE TREATED PLYWOOD PAINTED.
ELECTRICAL POWER AND DISTRIBUTION	
	CIRCUIT BREAKER, MOLDED CASE (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, SOLID STATE (ONE-LINE DIAGRAM).
	MOTOR.
	TRANSFORMER (ONE-LINE DIAGRAM).
	PANELBOARD (ONE-LINE DIAGRAM).
	PANELBOARD WITH MAIN LUGS ONLY. BUS SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
	PANELBOARD WITH MAIN CIRCUIT BREAKER. SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
	TRANSITION CABINET (ONE-LINE DIAGRAM).
	CT CABINET PER UTILITY'S REQUIREMENTS (ONE-LINE DIAGRAM).
	DISCONNECT SWITCH, FUSED.
	DISCONNECT SWITCH, UNFUSED.
	PUSHBUTTON.
	PUSHBUTTONS, MOTOR CONTROL.
	PANELBOARD CABINET, FLUSH MOUNTED.
	PANELBOARD CABINET, SURFACE MOUNTED, 1 SECTION.
	PANELBOARD CABINET, SURFACE MOUNTED, 2 SECTION.
	DISTRIBUTION PANEL OR SWITCHBOARD.
	LIGHTING RELAY, CONTACTOR PANEL, OR DIMMING ENCLOSURE.
	DIMMING ENTRY STATION OR CONTROL STATION, FLUSH MOUNTED.
	SWITCH, TOGGLE MOTOR STARTER WITH OVERLOAD PROTECTION.
	TRANSFORMER: NUMBER INDICATES KVA.
	ACCESSIBLE DOOR ENTRY PUSH PLATE OPERATOR.
TV DISTRIBUTION	
	TV OUTLET.

SYMBOL LEGEND	
SYMBOL	DESCRIPTION
FIRE ALARM	
	FIRE ALARM CONTROL PANEL, SEMI-RECESSED.
	AUTOMATIC DOOR CLOSERS: DOOR CLOSERS SHALL BE FURNISHED WITH DOOR HARDWARE AND CONNECTED TO BY FIRE ALARM INSTALLERS.
	CONTROL MODULE.
	MONITOR MODULE.
	FIRE ALARM MANUAL PULL STATION.
	SHUT DOWN RELAY: INSTALL RELAY IN CONTROL CIRCUIT OF EQUIPMENT TO BE CONTROLLED IN THE EVENT OF A FIRE.
	MAGNETIC DOOR HOLDER.
	DETECTOR, SMOKE.
	DETECTOR, SMOKE, DUCT WITH HOUSING AND SAMPLING TUBE.
	DETECTOR, HEAT.
	STROBE. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, HORN/SPEAKER, WEATHERPROOF.
	ALARM, HORN/STROBE, ONE ASSEMBLY. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, HORN/STROBE, ONE ASSEMBLY, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, STROBE, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.

DEFINITIONS	
NOTE: ALL DEFINITIONS MAY NOT BE USED.	
INDICATED:	THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.
DIRECTED:	TERMS SUCH AS "DIRECTED", "REQUESTED", "AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.
APPROVED:	THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.
FURNISH:	THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."
INSTALL:	THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."
PROVIDE:	THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."
INSTALLER:	AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.
TECHNOLOGY SYSTEMS:	THE TERM "TECHNOLOGY SYSTEMS" IS USED TO DESCRIBE ALL LOW VOLTAGE SYSTEMS GENERALLY REFERRED TO AS "SPECIAL SYSTEMS". THESE SYSTEMS INCLUDE BUT ARE NOT NECESSARILY LIMITED TO ALL SYSTEMS WHICH UTILIZE VOLTAGES OF LESS THAN 71 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLING SYSTEMS, ETC...

ELECTRICAL SHEET INDEX	
SHEET NO	SHEET TITLE
E-001	SHEET INDEX, SYMBOLS, GENERAL NOTES
E-100	BASMENT POWER PLAN
E-101	FIRST FLOOR POWER PLAN
E-103	ATTIC POWER PLAN
E-110	BASMENT LIGHTING PLAN
E-111	FIRST FLOOR LIGHTING PLAN
E-601	ONE-LINE & SCHEDULES
E-701	TYPICAL MOUNTING HEIGHT DETAILS

- ### GENERAL ELECTRICAL NOTES
- CLARIFICATION METHODS: AT THE TIME OF BIDDING, BIDDERS SHALL FAMILIARIZE THEMSELVES WITH THE DRAWINGS AND SPECIFICATIONS. ANY QUESTIONS, MISUNDERSTANDINGS, CONFLICTS, DELETIONS, DISCONTINUED PRODUCTS, CATALOG NUMBER DISCREPANCIES, DISCREPANCIES BETWEEN THE EQUIPMENT SUPPLIED AND THE INTENT OR FUNCTION OF THE EQUIPMENT, ETC, SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER IN WRITING FOR CLARIFICATION PRIOR TO ISSUANCE OF THE FINAL ADDENDUM AND BIDDING OF THE PROJECT. WHERE DISCREPANCIES OR MULTIPLE INTERPRETATIONS OCCUR, THE MOST STRINGENT (WHICH IS GENERALLY RECOGNIZED AS THE MOST COSTLY) THAT MEETS THE INTENT OF THE DOCUMENTS SHALL BE ENFORCED.
 - OWNER FURNISHED ITEMS: THE OWNER WILL FURNISH MATERIAL AND EQUIPMENT AS INDICATED IN THE CONTRACT DOCUMENTS TO BE INCORPORATED INTO THE WORK. THESE ITEMS ARE ASSIGNED TO THE INSTALLER AND COSTS FOR RECEIVING, HANDLING, STORAGE, IF REQUIRED, AND INSTALLATION ARE INCLUDED IN THE CONTRACT SUM.
 - THE INSTALLER'S RESPONSIBILITIES ARE THE SAME AS IF THE INSTALLER FURNISHED THE MATERIALS OR EQUIPMENT.
 - THE OWNER WILL ARRANGE AND PAY FOR DELIVERY OF OWNER FURNISHED ITEMS FREIGHT ON BOARD JOB SITE AND THE INSTALLER WILL INSPECT DELIVERIES FOR DAMAGE. IF OWNER FURNISHED ITEMS ARE DAMAGED, DEFECTIVE OR MISSING, DOCUMENT DAMAGED ITEMS WITH THE TRANSPORT COMPANY AND THE OWNER WILL ARRANGE FOR REPLACEMENT. THE OWNER WILL ALSO ARRANGE FOR MANUFACTURER'S FIELD SERVICES, AND THE DELIVERY OF MANUFACTURER'S WARRANTIES AND BONDS TO THE INSTALLER.
 - THE INSTALLER IS RESPONSIBLE FOR DESIGNATING THE DELIVERY DATES OF OWNER FURNISHED ITEMS AND FOR RECEIVING, UNLOADING AND HANDLING OWNER FURNISHED ITEMS AT THE SITE. THE INSTALLER IS RESPONSIBLE FOR PROTECTING OWNER FURNISHED ITEMS FROM DAMAGE, INCLUDING DAMAGE FROM EXPOSURE TO THE ELEMENTS, AND TO REPAIR OR REPLACE ITEMS DAMAGED AS A RESULT OF HIS OPERATIONS.
 - EXPOSED STRUCTURE AREAS (EXCLUDING MECHANICAL, ELECTRICAL, AND COMMUNICATION SPACES): INSTALL RACEWAYS BETWEEN DECK AND STRUCTURE WHEREVER POSSIBLE IN EXPOSED STRUCTURE CEILING AREAS. ROUTE RACEWAYS IN CONCEALED AREAS WHEREVER POSSIBLE. REFER ALL CONDITIONS WHERE RACEWAYS MUST BE INSTALLED WHICH CANNOT COMPLY WITH THESE REQUIREMENTS TO THE ARCHITECT.
 - SUBMITTALS: PROVIDE ORIGINAL ELECTRONIC PDF FORMAT, BOUND, BOOKMARKED (EACH SECTION AND PRODUCT), AND HIGHLIGHTED. JOB NAME AND SUBCONTRACTOR SHALL BE ON THE FRONT COVER. PREPARE INDEX OF EQUIPMENT SUBMITTED IN EACH TAB.
 - REFLECTED CEILING PLANS: COORDINATE THE LOCATION OF LIGHT FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS. REFER ALL DISCREPANCIES TO THE ARCHITECT AND ENGINEER.
 - ALL WORK SHALL BE DONE ACCORDING TO THE CURRENT NATIONAL ELECTRIC CODE (NEC), IBC, NFPA, AND IFC. COMPLIANCE AND FINAL APPROVAL IS SUBJECT TO THE ON SITE FIELD INSPECTION OF THE AHJ.

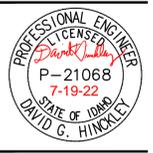
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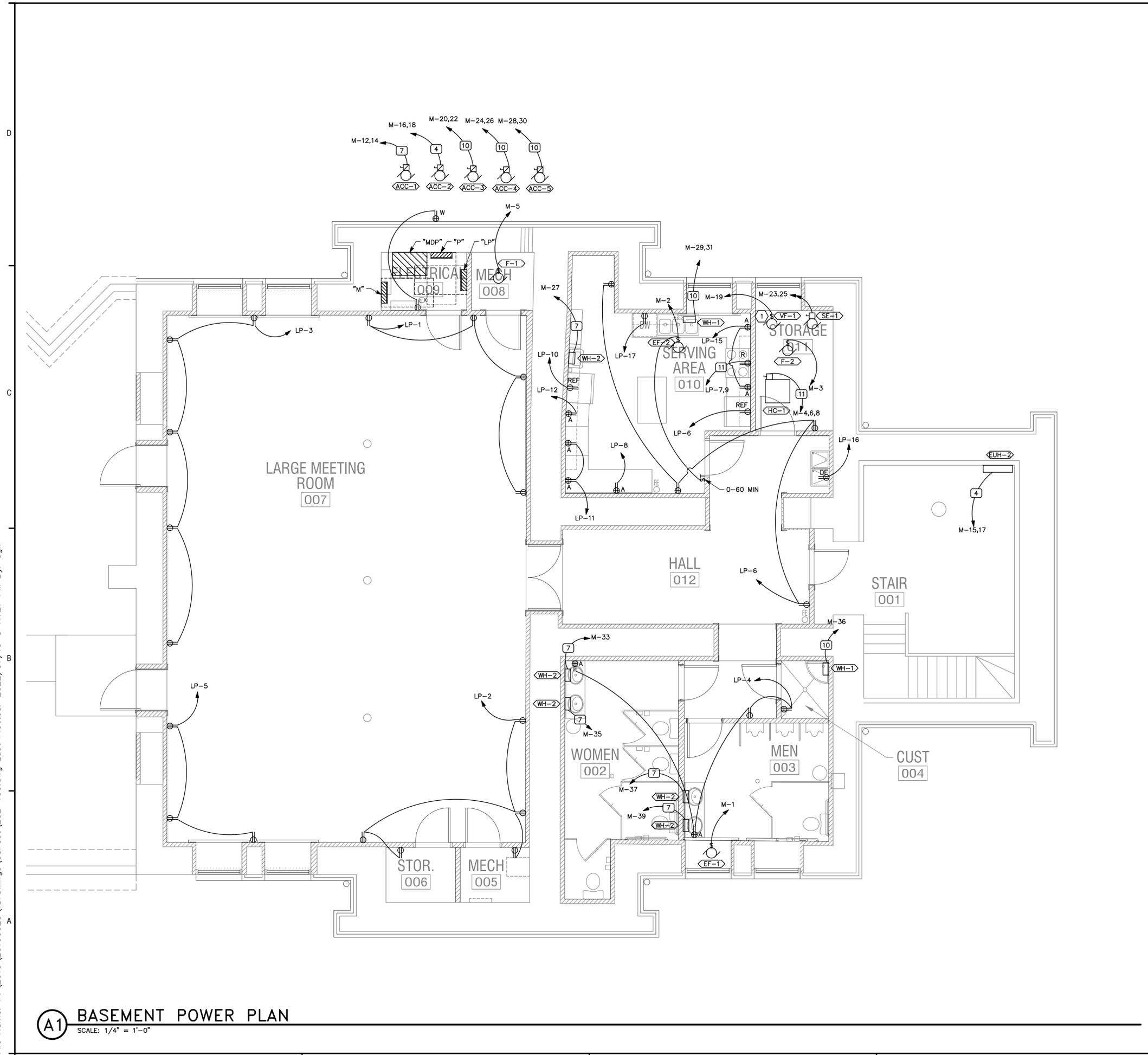
ONEIDA STAKE ACADEMY REHABILITATION
 90 EAST ONEIDA STREET, PRESTON, ID 83263
 ONEIDA STAKE ACADEMY FOUNDATION
 P.O. BOX 585, PRESTON, ID 83263

MARK	DATE	DESCRIPTION

PROJECT #: 112071
 DRAWN BY:
 CHECKED BY: LEMON
 ISSUED: 07/19/22



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SHEET KEYNOTES

1. INTERLOCK VF-1 WITH EF-1.

A1 BASEMENT POWER PLAN

SCALE: 1/4" = 1'-0"



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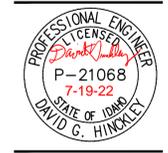
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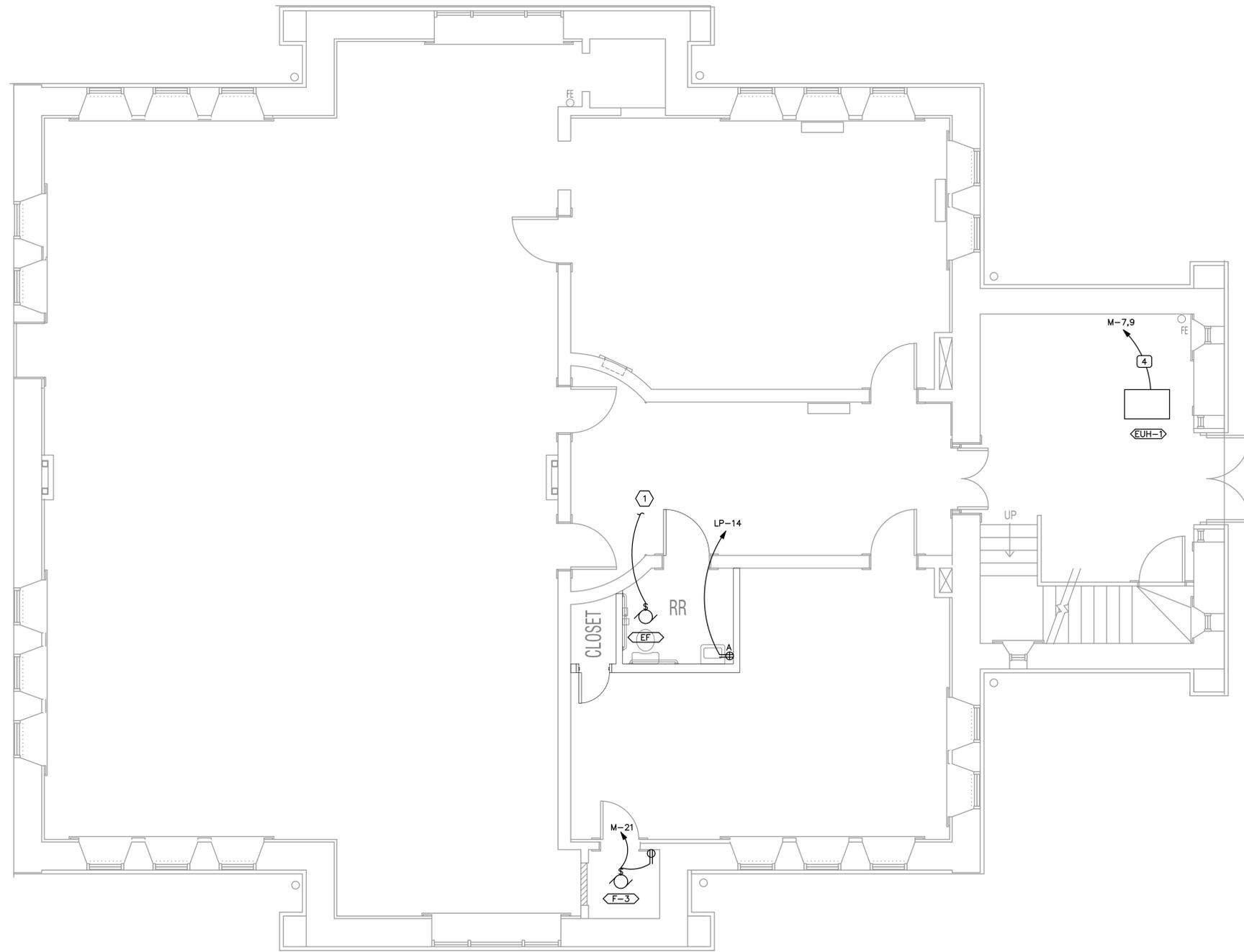
BASEMENT
POWER PLAN

E-100

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A1 FIRST FLOOR POWER PLAN
SCALE: 1/4" = 1'-0"

○ SHEET KEYNOTES

1. TO ROOM LIGHTING.



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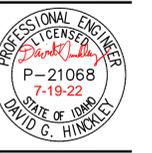
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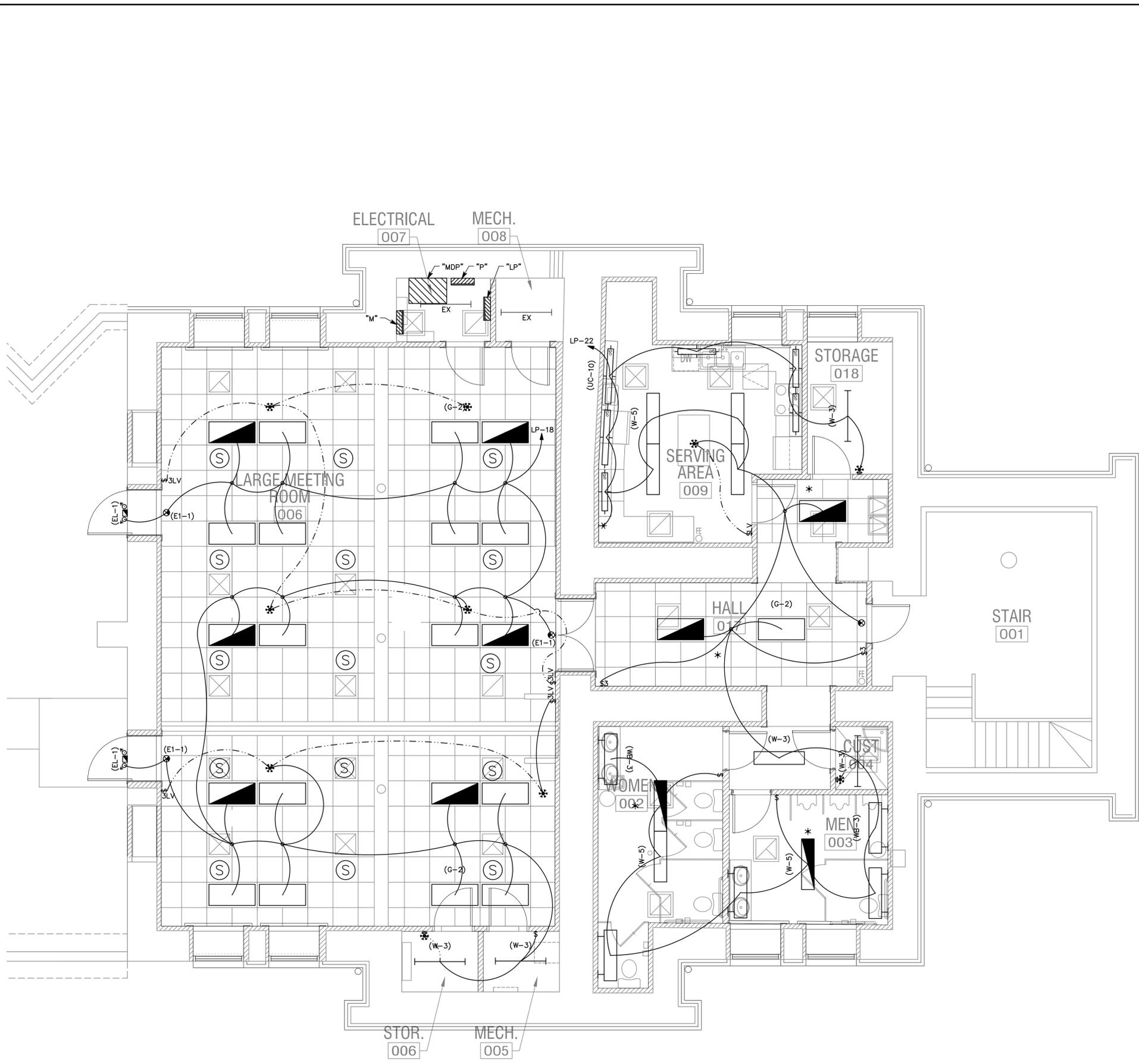
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FIRST FLOOR
POWER PLAN

E-101

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A1 BASEMENT LIGHTING PLAN
SCALE: 1/4" = 1'-0"

○ SHEET KEYNOTES

1. -



324 S. State St., Suite 400
Salt Lake City, UT 84111
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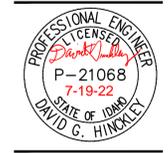
ONEIDA STAKE ACADEMY REHABILITATION

90 EAST ONEIDA STREET, PRESTON, ID 83263

ONEIDA STAKE ACADEMY FOUNDATION
P.O. BOX 585, PRESTON, ID 83263

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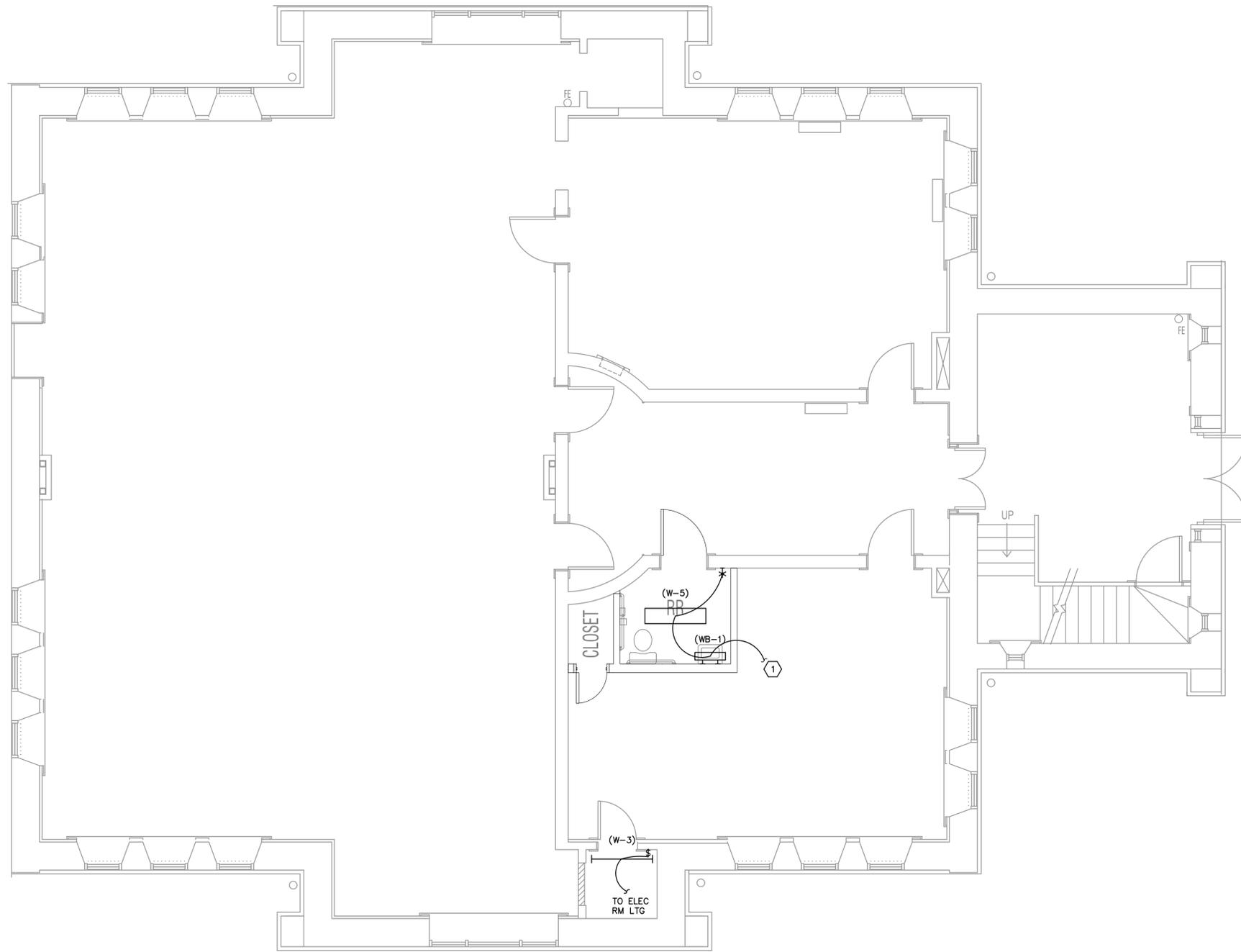


BASEMENT
LIGHTING PLAN

E-110

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A B C D



A1 FIRST FLOOR LIGHTING PLAN
SCALE: 1/4" = 1'-0"

SHEET KEYNOTES

1. TO LIGHTING CIRCUIT SERVING THIS AREA.



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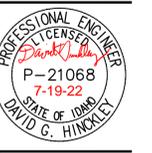
design west | architects
255 SOUTH 300 WEST LOGAN UT 84321
795 NORTH 400 WEST SALT LAKE CITY UT 84103

ONEIDA STAKE ACADEMY REHABILITATION
90 EAST ONEIDA STREET, PRESTON, ID 83263

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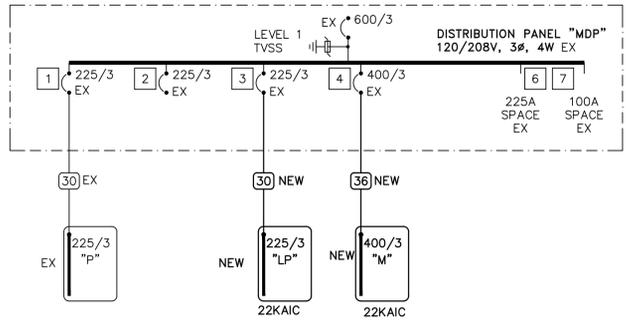
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FIRST FLOOR
LIGHTING PLAN

E-111



D1 ONE-LINE DIAGRAM
NO SCALE

LIGHTING FIXTURE SCHEDULE

NOTE TO BIDDERS: COMPLY WITH SPECIFICATIONS. REFER TO SPECIFICATIONS FOR IMPORTANT TECHNICAL REQUIREMENTS FOR LIGHTING FIXTURES, BALLASTS, AND LAMPS. THE CATALOG NUMBERS LISTED BELOW HAVE BEEN CAREFULLY PREPARED TO ASSIST BIDDERS IN SELECTING PRODUCTS TO ACHIEVE THE DESIGN CONCEPT, HOWEVER, PRIOR TO BIDDING, EACH MANUFACTURER SHALL COMPARE THE CATALOG NUMBERS SHOWN WITH THE DESCRIPTION AND REQUIREMENTS ON THE DRAWINGS, AND SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES. SPECIFICALLY INCLUDED IN THIS EVALUATION SHALL BE THE VERIFYING OF PROPER MOUNTING KITS OR ACCESSORIES TO FACILITATE INSTALLATION AS SHOWN AT EACH LOCATION ON THE DRAWINGS. NO ALLOWANCE OR REDRESS WILL BE ALLOWED FOR DISCREPANCIES THAT WERE NOT REPORTED TO THE ARCHITECT/ENGINEER IN TIME FOR CORRECTION OR CLARIFICATION BEFORE THE BID. THE REPORTING OF ANY AMBIGUITY IS THE RESPONSIBILITY OF THE BIDDER. PROVIDE UNIT PRICES AND FIXTURE BRAND SELECTED FOR ADD/DELETE CHANGES FOR EACH FIXTURE TYPES SHOWN WITHIN 48 BUSINESS HOURS OF THE BID DATE. FAILURE TO COMPLY WITH THIS REQUIREMENT MAY DISQUALIFY THE PRODUCTS AND EMPOWER THE ENGINEER TO DETERMINE FAIR VALUE FOR FIXTURE AND INSTALLATION CHANGES, WITHOUT FURTHER INPUT FROM THE CONTRACTOR OR INSTALLER. SUBMITTAL PACKAGE SHALL INCLUDE LAMP MANUFACTURER AND CATALOG NUMBER ON EACH FIXTURE SHEET. ON ALL PENDANT MOUNTED FIXTURES, PROVIDE A SECOND SET OF PENDANTS, OF A DIFFERENT LENGTH, AS DIRECTED BY THE ARCHITECT/ENGINEER, PROVIDED AND INSTALLED AT NO ADDITIONAL CHARGE. ALL FIXTURES SHALL BE APPROVED BY UL OR ANOTHER ACCEPTABLE TESTING LAB FOR THE PURPOSE INTENDED AND WITH THE LAMP AND BALLAST PROPOSED. CONTRACTOR ALLOWANCE PRICES ARE ACCURATE WHEN THIS JOB WAS SPECIFIED, CONTRACTOR AND ELECTRICAL DISTRIBUTOR SHALL VERIFY THIS ALLOWANCE AND REPORT ANY PROBLEMS TO THE ENGINEER BEFORE THE BID. ALLOWANCE PRICE MAY OR MAY NOT INCLUDE LAMP(S) OR FREIGHT AS NOTED, AND DO NOT INCLUDE ANY TAXES. UNIVERSAL VOLTAGE (120/277) BALLASTS REQUIRED UNLESS NOTED OTHERWISE.

SYMBOL	MARK	FIXTURE CHARACTERISTICS	WATTS	VOLTS	MANUFACTURER	CATALOG NUMBER
E1	EXIT SIGN	LED 1W 120V BEGHELLI	1W	120V	BEGHELLI	ATX-SA-LG-1-U-AT
EL-1	EMERGENCY LIGHTING UNIT	LED 10W 120V EMERGENSEE SEELEDEMDEL-W-SDT-CW	10W	120V	EMERGENSEE	SEELEDEMDEL-W-SDT-CW
G	INDIRECT TROFFERS: RECESSED FOR LAY-IN GRID; HINGED FLUSH STEEL DOOR WITH LATCH; EARTHQUAKE CLIPS, PROGRAM START ELECTRONIC BALLASTS; LONG COMPACT FLUORESCENT LAMPS; ONE BALLAST PER FIXTURE, 100-10% DIMMING BALLAST WHERE SHOWN					
G-2	LED FLAT PANEL WHERE SHADED USE EM BATTERY BACKUP UNDERCABINET LIGHTING	LED 47W 277/120V LITHONIA DAYBRITE COLUMBIA	47W	277/120V	LITHONIA DAYBRITE COLUMBIA	EPANL-2X4-4800LM-80CRI-35K-MIN10-EZT-MVOLT 2FXP-48L-835-4-DS-UNV-DIM CFP24-5535
UC-10	4' UNDERCABINET LIGHT	LED 25W 120V COLUMBIA	25W	120V	COLUMBIA	CUC4-ED120
W	LOW PROFILE WRAPAROUND: SURFACE MOUNTED SUITABLE FOR MOUNTING ON LOW DENSITY CEILINGS WRAPAROUND					
W-3	NARROW BODY WRAPAROUND	LED 40W 120V LITHONIA LSI	40W	120V	LITHONIA LSI	LB4-40L-LP835 WNA10-LED-SS-WW-UE 4WNLED-LD1-41-F-UNV-L835-CD1-U OWL440L835-UNV-DIM LWC4-35ML-EU 17-4-L55/835-A-DRV-UNV
W-5	SAME AS WB-3 EXCEPT CEILING MOUNTED					
WB	WALL BRACKET					
WB-1	2' WALL BRACKET	LED 835 26W 120V L.A. LIGHTING LITHONIA HE WILLIAMS	26W	120V	L.A. LIGHTING LITHONIA HE WILLIAMS	MPS-2-35-VW-C-W-ED-U-MPSCE BLWP2-20L-ADP-GZ10-LP835 29-2-L27/835-AF-(L15) DIM-UNV 4SWLED-32SL-LW-UNV-L840-CD1-U
WB-3	4' WALL BRACKET	LED 835 40W 120V METALUX LITHONIA COLUMBIA HE WILLIAMS	40W	120V	METALUX LITHONIA COLUMBIA HE WILLIAMS	BLWP4-40L-ADSM-120-EZ1-LP835 RLB-4-35-LL-FA-M-ED-U 39-4-L40-DIM-120

EQUIPMENT SCHEDULE

MARK	QTY	ITEM DESCRIPTION	LOAD DATA				WIRE AND CONDUIT SIZE	OVERCURRENT PROTECTION			DISCONNECT			STARTER DATA										NOTES	MARK								
			HP	kW	MCA	FLA		VOLT	PH	Hz	FURN BY	DEVICE	LOCATION	FURN BY	DEVICE	LOCATION	FURN BY	DEVICE	LOCATION	SIZE	SPEED	CTRL VOLT	SELECTOR SWITCH			PUSH BUTTON	PILOT LAMP	NORMALLY OPEN CONTACTS	NORMALLY CLOSED CONTACTS	PHASE FAILURE RELAY	SCHEMATIC REFERENCE	REMOTE CTRL	
ACC-1		AIR COOLED CONDENSING UNIT		20.7			208	1	60	2#8, #10 GR 1" C	E	40A/2P CB	PANEL	E	60A/2P FRN-35	ADJ. TO EQUIP.	Q																ACC-1
ACC-2		AIR COOLED CONDENSING UNIT		14.8			208	1	60	2 #10, #10 GR 0.75" C	E	30A/2P CB	PANEL	E	30A/2P FRN-25	ADJ. TO EQUIP.	Q																ACC-2
ACC-3 TO 5		AIR COOLED CONDENSING UNIT		31.7			208	1	60	2 #6, #10 GR 1" C	E	50A/2P CB	PANEL	E	60A/2P FRN-50	ADJ. TO EQUIP.	Q															ACC-3 TO 5	
EF-1		EXHAUST FAN	3/4				120	1	60	2#12, #12 GR 0.75" C	E	20A/1P CB	PANEL	E	TOGGLE SWITCH	ADJ. TO EQUIP.	Q															EF-1	
EF-2		EXHAUST FAN	1/6				120	1	60	2#12, #12 GR 0.75" C	E	15A/1P CB	PANEL	E	TOGGLE SWITCH	ADJ. TO EQUIP.	Q															EF-2	
EUH-1, EUH-2		ELECTRIC UNIT HEATER		4.8			208	1	60	2#10, #10 GR 0.75" C	E	30A/2P CB	PANEL	Q			Q														EUH-1, EUH-2		
F-1		FURNACE		8.7			120	1	60	2#12, #12 GR 0.75" C	E	15A/1P CB	PANEL	E	TOGGLE SWITCH	ADJ. TO EQUIP.	Q											NOTE 1			F-1		
F-2 TO F-5		FURNACE		10.3			120	1	60	2#12, #12 GR 0.75" C	E	15A/1P CB	PANEL	E	TOGGLE SWITCH	ADJ. TO EQUIP.	Q															F-2 TO F-5	
HC-1		HEATING COIL		15			208	3	60	3 #6, #10 GR 1" C	E	50A/3P CB	PANEL	E	60A/3P NO FUSES	ADJ. TO EQUIP.	Q															HC-1	
RP-1		RECIRC PUMP	.04				120	1	60	2 #12, #12 GR	E	15A/1P CB	PANEL	E	TOGGLE SWITCH	ADJ. TO EQUIP.	Q															RP-1	
SE-1		SEWAGE EJECTOR	2	13.9			208	1	60	2 #12, #12 GR	E	20A/2P CB	PANEL	E	30A/2P NO FUSES	ADJ. TO EQUIP.	Q												NOTE 2			SE-1	
VF-1		VENTILATION FAN	3/4				120	1	60	2 #12, #12 GR	E	20A/1P CB	PANEL	E	TOGGLE SWITCH	ADJ. TO EQUIP.	Q																VF-1
WH-1		WATER HEATER		9.5			208	1	60	2 #6, #10 GR	E	60A/2P CB	PANEL	E	60A/2P NO FUSES	ADJ. TO EQUIP.	Q																WH-1
WH-2		WATER HEATER		3			120	1	60	2 #8, #10 GR	E	35A/1P CB	PANEL	E	40A TOGGLE	ADJ. TO EQUIP.	Q																WH-2

NOTES LEGEND:
1. PROVIDE CONNECTIONS TO ADJACENT CONDENSATE PUMP FROM CIRCUIT SERVING FURNACE.
2. WIRING METHODS TO SEWAGE EJECTION PUMP SHALL COMPLY WITH EXPLOSION PROOF WIRING METHODS.
3. INTERCONNECT VF-1 TO EF-1. COORDINATE WITH MECHANICAL CONTRACTOR.

PANEL "M"

VOLTS/PHASE/WIRE: 120/208 V, 3 PH 4 WIRE
PANEL SIZE & TYPE: 22" W x 6" D, BOLT-ON
MAIN SIZE & TYPE: 400 AMPERE MAIN LUGS
LOCATION: CABINET: NOTES:

CKT NO	AMP	POLE	LOAD (kVA)			DESCRIPTION	PHASE LOAD			LCL kVA	DESCRIPTION	LOAD (kVA)			OCP AMP	POLE	CKT NO
			LTG	CO	PWR		A	B	C			LTG	CO	PWR			
1	15	1			0.2	EF-1	0.2	0.4		0.2	EF-2	0.2	15	1	2		
3	15	1			1.3	FURNACE F-2	1.3		6.3	5.0	HC-1	5.0	50	3	4		
5	15	1			0.7	FURNACE F-1	0.7		5.7	5.0		5.0			6		
7	30	2			2.4	CUH-1	2.4	7.4		5.0		5.0				8	
9					2.4		2.4		2.4	0.0	SPARE		20	1	10		
11	20	1			1.3	F-4	1.3		3.5	2.2	ACC-1	2.2	40	2	12		
13	20	1			1.3	F-5	1.3	3.5		2.2		2.2			14		
15	30	2			2.4	EUH-2	2.4	3.9		1.5	ACC-2	1.5	30	2	16		
17					2.4		2.4		3.9	1.5		1.5			18		
19	20	1			1.6	VF-1	1.6	4.9		3.3	ACC-3	3.3	50	2	20		
21	20	1			1.3	F-3	1.3		4.6	3.3		3.3			22		
23	20	2			1.4	SE-1	1.4		4.7	3.3	ACC-4	3.3	50	2	24		
25					1.4		1.4	4.7		3.3		3.3			26		
27	35	1			3.0	WH-2	3.0		6.3	3.3	ACC-5	3.3	50	2	28		
29	60	2			4.8	WH-1	4.8		8.0	3.3		3.3			30		
31					4.8		4.8	4.8		0.0	SPARE		20	1	32		
33	35	1			3.0	WH-2	3.0		3.0	0.0	SPARE		20	1	34		
35	35	1			3.0	WH-2	3.0		7.8	4.8	WH-1	4.8	60	2	36		
37	35	1			3.0	WH-2	3.0	7.8		4.8		4.8			38		
39	35	1			3.0	WH-2	3.0		3.0	0.0	SPARE		20	1	40		
41					0.0	SPACE	0.0		0.0	0.0	SPACE		20	1	42		
43					0.0	SPACE	0.0		0.0	0.0	SPACE		20	1	44		
45					0.0	SPACE	0.0		0.0	0.0	SPACE		20	1	46		
47					0.0	SPACE	0.0		0.0	0.0	SPACE		20	1	48		
TOTALS:							CONNECTED kVA PER PHASE	33	31	34	CONNECTED TOTAL kVA	98					
							CONNECTED AMPS PER PHASE	278	256	280	CONNECTED AVERAGE AMPS PER PHASE	271					

PANEL "LP"

VOLTS/PHASE/WIRE: 120/208 V, 3 PH 4 WIRE
PANEL SIZE & TYPE: 22" W x 6" D, BOLT-ON
MAIN SIZE & TYPE: 225 AMPERE MAIN LUGS
LOCATION: CABINET: NOTES:

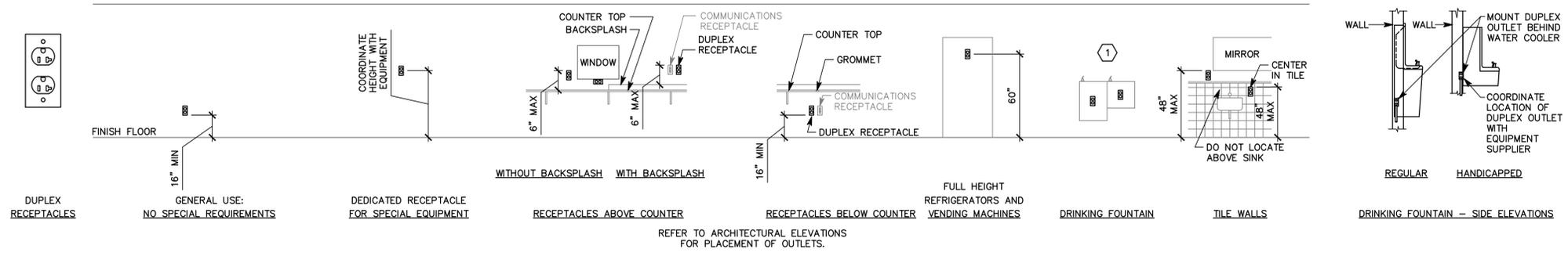
CKT NO	AMP	POLE	LOAD (kVA)			DESCRIPTION	PHASE LOAD			LCL kVA	DESCRIPTION	LOAD (kVA)			OCP AMP	POLE	CKT NO
			LTG	CO	PWR		A	B	C			LTG	CO	PWR			
1	20	1			0.8	LARGE MEETING 007 CO'S	0.8	1.7		0.9	LARGE MEETING 007 CO'S	0.9	20	1	2		
3	20	1			0.9	LARGE MEETING 007 CO'S	0.9		1.5	0.6	HALL/BREAK RM CO'S	0.6	20	1	4		
5	20	1			0.6	LARGE MEETING 007 CO'S	0.6		1.6	1.0	FRIDGE (GFI CB)	1.0	20GF	1	6		
7	50GF	2			4.8	RANGE (GFCI CB)	4.8	5.0		0.2	SERVING AREA CO'S	0.2	20	1	8		
9					4.8		4.8	5.8		1.0	SERVING FRIDGE (GFI CB)	1.0	20GF	1	10		
11	20	1			0.2	SERVING AREA OUTLET	0.2		0.6	0.4	SERVING AREA CO'S	0.4	20	1	12		
13	20	1			0.0	SPACE	0.0	0.3		0.3	EXHAUST FAN/RESTRM CO	0.2	0.1	20	1	14	
15	20	1			0.4	SERVING AREA CO'S	0.4	1.0		0.6	DRINKING FTN (NOTE 1)	0.6	20GF	1	16		
17	20GF	1			1.0	SERVING AREA DISHWASHER	1.0		1.9	1.1	LARGE MEETING RM LTG	0.9	20	1	18		
19	20	1			0.0	SPACE	0.0	0.0		0.0	SPACE		20	1	20		
21	20	1			0.0	SPACE	0.0	0.9		1.1	RESTROOM/SERVING LTG	0.9	20	1	22		
23	20	1			0.0	SPACE	0.0		0.0	0.0	SPACE		20	1	24		
25	20	1			0.0	SPACE	0.0	0.0		0.0	SPACE		20	1	26		
27	20	1			0.0	SPACE	0.0	0.0		0.0	SPACE		20	1	28		
29	20	1			0.0	SPACE	0.0	0.0		0.0	SPACE		20	1	30		
31	20	1			0.0	SPACE	0.0	0.0		0.0	SPACE		20	1	32		
33	20	1			0.0	SPACE	0.0	0									

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GENERAL SHEET NOTES

1. DETERMINE MOUNTING HEIGHTS OF ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE FOLLOWING ORDER OF PRIORITY:
1 - ELEVATIONS (ARCHITECTURAL, ELECTRICAL, MECHANICAL, ETC).
2 - EQUIPMENT SHOP DRAWINGS.
3 - FIELD INSTRUCTIONS.
2. LOCATE RECEPTACLES SERVING THE SAME TYPE OF USE AT A UNIFORM HEIGHT UNLESS DIRECTED OTHERWISE.
3. MECHANICAL, ELECTRICAL, AND COMMUNICATION ROOMS: COORDINATE LOCATION OF LIGHTING AND POWER RECEPTACLES WITH EQUIPMENT, PIPING, AND DUCTWORK. DO NOT INSTALL RECEPTACLES BEHIND EQUIPMENT OR WHERE OTHERWISE INACCESSIBLE. POSITION LIGHTING REGARDLESS OF WHERE SHOWN ON DRAWING TO PROVIDE PROPER ILLUMINATION.
4. MOUNT RECEPTACLE BOXES FOR SWITCHES AND RECEPTACLES WITH LONG AXIS OF THE DEVICE VERTICAL UNLESS OTHERWISE INDICATED.
5. SET BOXES WITH PLASTER RINGS FLUSH WITH FINISHED SURFACE.
6. LOCATE BOX COVERS OR DEVICE PLATES SO THEY WILL NOT SPAN DIFFERENT TYPES OF BUILDING FINISHES EITHER VERTICALLY OR HORIZONTALLY.
7. VERIFY ALL DOOR CONDITIONS ON ARCHITECTURAL DRAWINGS PRIOR TO INSTALLING SWITCHES.
8. LOCATE WIRING DEVICES WHICH ARE ADJACENT AND ARE COMPATIBLE VOLTAGES IN ONE PLATE.

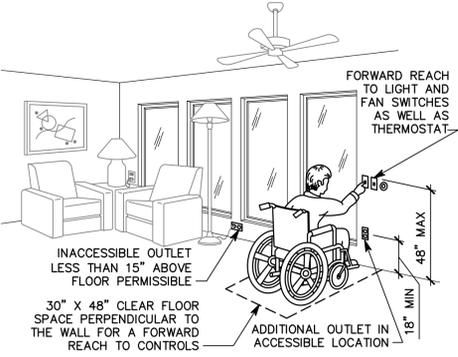
D1 RECEPTACLE MOUNTING DETAILS
NTS



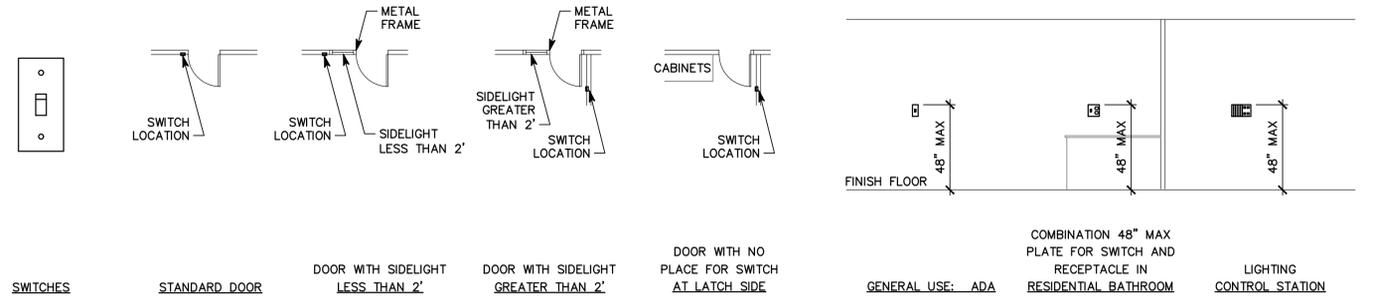
SHEET KEYNOTES

1. LOCATE RECEPTACLES BEHIND DRINKING FOUNTAINS.
2. REFER TO ARCHITECTURAL ELEVATIONS FOR PLACEMENT OF OUTLETS.
3. LOCATE AT BOTTOM OF BEAMS (OR JOISTS) OR AT CEILING. (REDUCE SPACING BY .5 PERPENDICULAR TO BEAM OR JOIST DIRECTION.) FOR OTHER CONDITIONS, REFER TO NFPA 72.
4. LOCATE DETECTOR ANYWHERE IN SHADED AREA BUT NOT IN TOP 4\"/>

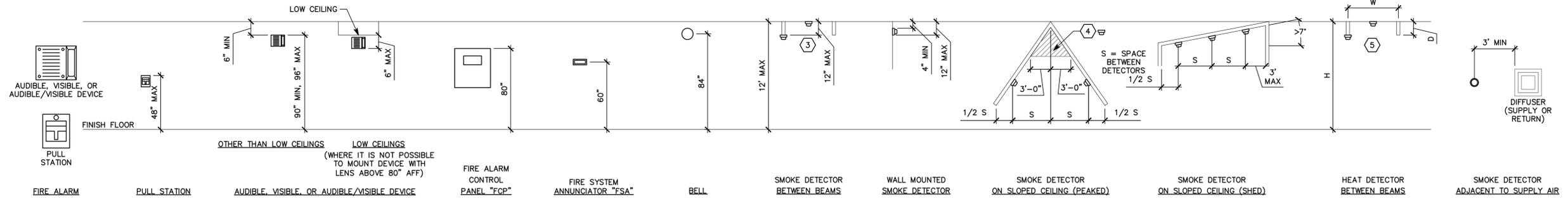
C1 ADA DETAIL
NTS



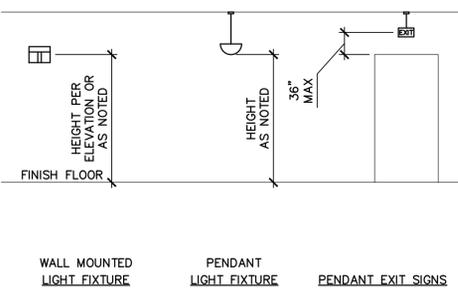
C2 SWITCH MOUNTING DETAILS
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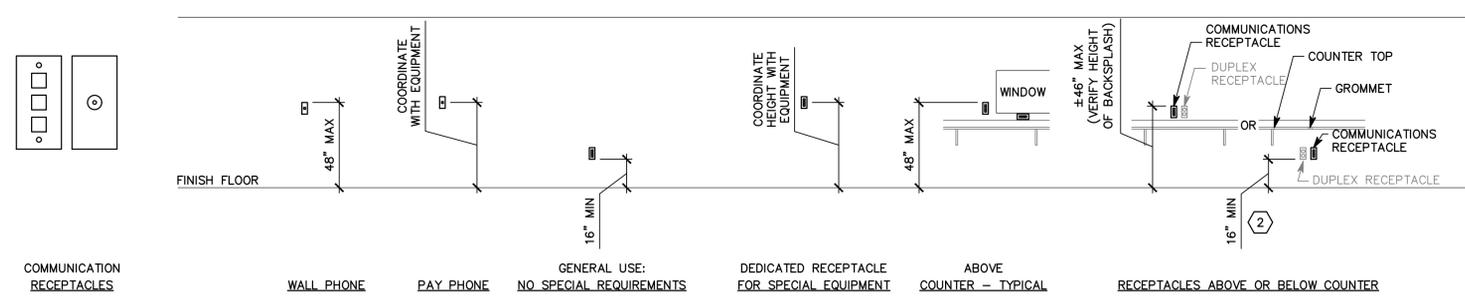
B1 FIRE ALARM MOUNTING DETAILS
NTS



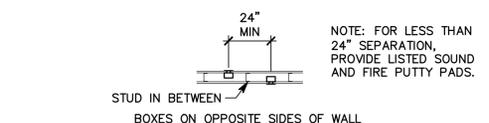
A1 LIGHTING MOUNTING DETAILS
NTS



A2 COMMUNICATION MOUNTING DETAILS
NTS



A5 BOX MOUNTING DETAILS
NTS



SPECTRUM ENGINEERS

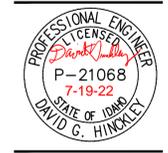
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MARK	DATE	DESCRIPTION

PROJECT #: 112071
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ISSUED: 07/19/22



TYPICAL MOUNTING HEIGHT DETAILS