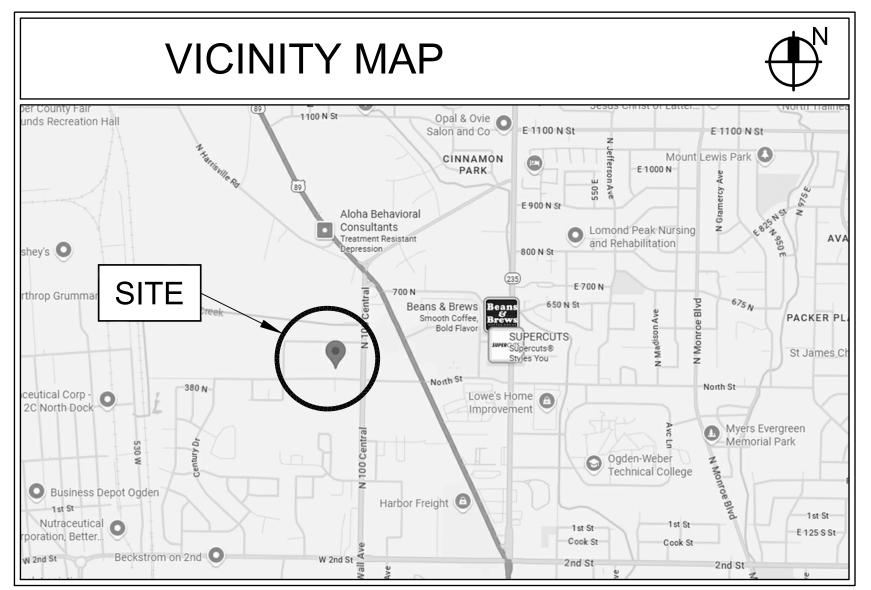
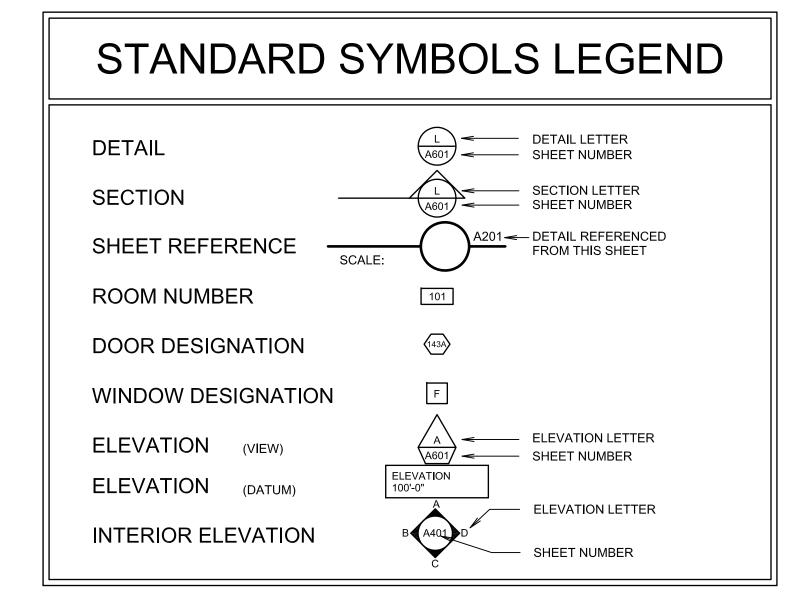
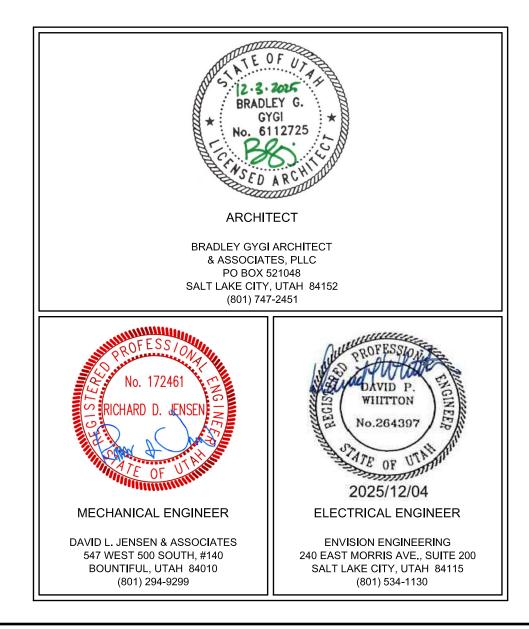
HARRISVILLE UT TRANSITIONAL BRANCH GREAT SALT LAKE UTAH DISTRICT

SITE: 435 NORTH WALL AVE. - HARRISVILLE, UT
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
PROJECT NUMBER: 500021625010106







		<u>.</u>		<u>.</u>	DRAWING INDEX	<u>.</u>		_		
SHEET NUMBER	SHEET TITLE	SHEET NUMBER	SHEET TITLE	SHEET NUMBER	SHEET TITLE	SHEET NUMBER	SHEET TITLE	SHEET NUMBER	SHEET TITLE	PROJE
	GENERAL		ARCHITECTURAL		PLUMBING		MECHANICAL		ELECTRICAL	
G001	COVER AND INDEX SHEET	A101	FLOOR PLANS	P001	PLUMBING LEGEND AND GENERAL NOTES	M001	MECHANICAL LEGEND AND GENERAL NOTES	EG001	SYMBOL SCHEDULES AND NOTES	
G101	CODE INFORMATION	A151	REFLECTED CEILING PLANS	P101	PLUMBING PLANS	M101	MECHANICAL PLANS	EL101	LIGHTING PLANS	
G102	ACCESSIBILITY DETAILS FOR PUBLIC SPOACES	A152	CEILING DETAILS	P501	PLUMBING DETAILS & SCHEDULES	M501	MECHANICAL DETAILS	EL501	LIGHTING DETAILS AND SCHEDULES	
		A401	ENLARGED RESTROOMS AND CUSTODIAN			M601	MECHANICAL SCHEDULES	EP101	POWER PLANS	
		A402	ENLARGED SERVING AREA AND CLERK					EP501	POWER DETAILS	
		A601	FINISH SCHEDULE AND DETAILS					EP601	POWER SCHEDULES AND ONE-LINES	
		A602	DOOR SCHEDULE AND DETAILS							
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								ET101	AUDIOVISUAL PLANS	
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								ET601	AUDIOVISUAL SYSTEM MECHANICAL DETAILS AND DIAGRAMS	
								TA501	AUDIOVISUAL SYSTEM PLATES & RACK DETAILS	
								TA601	AUDIOVISUAL SYSTEM EQUIPMENT LIST	PROJECT
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STAMP:

HARRISVILLE UT
TRANSITIONAL BRANCH
SAT SALT LAKE UTAH DISTRICT
435 NORTH WALL AVE.
HARRISVILLE, UT

THE CHURCH OF

JESUS CHRIST

OF LATTER-DAY SAINTS

PROJECT NUMBER:
500021625010106

DATE:
4 DEC 2025

PROPERTY NUMBER:
5000216

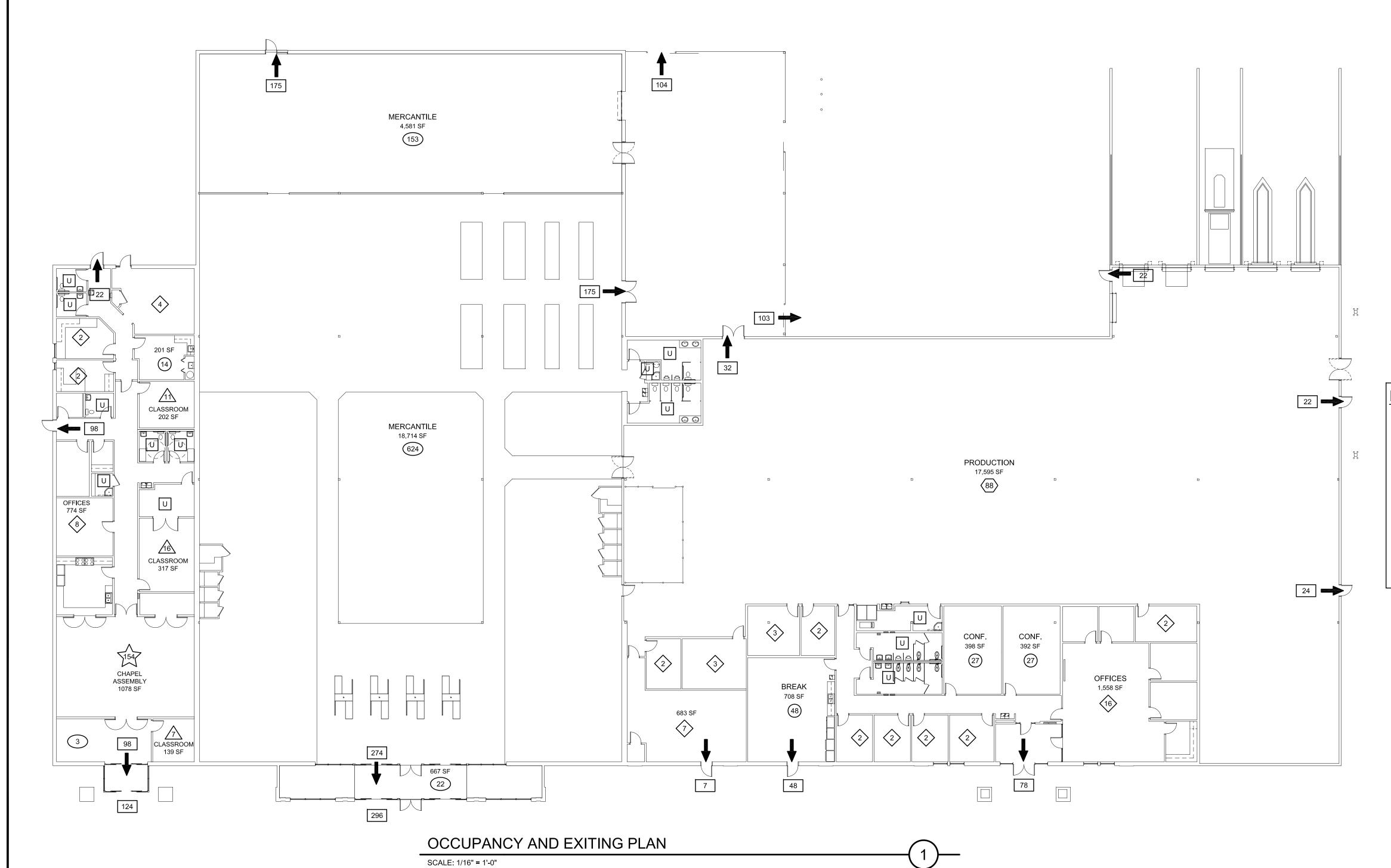
DVER AND
DEX SHEET

ET:

G001

LEGEND							
SYMBOL	DESCRIPTION						
120 SF	ROOM SQUARE FOOTAGES						
22 101	OCCUPANT LOAD SERVED BY EXIT						
U	ROOM OCCUPANT LOAD NOT COUNTED IN TOTAL						
U	OCCUPANT LOAD SERVED BY EXIT BUT NOT COUNTED IN TOTAL OCCUPANT LOAD.						
101)	ROOM OCCUPANT LOAD AT 30 SQ. FT. PER PERSON						
(18)	ROOM OCCUPANT LOAD AT 200 SQ. FT. PER PERSON						
3	ROOM OCCUPANT LOAD AT 15 SQ. FT. PER PERSON						
10>	ROOM OCCUPANT LOAD AT 100 SQ. FT. PER PERSON						
132	ROOM OCCUPANT LOAD AT 7 SQ. FT. PER PERSON						
10	ROOM OCCUPANT LOAD AT 20 SQ. FT. PER PERSON						

LEGEND							
SYMBOL	DESCRIPTION						
120 SF	ROOM SQUARE FOOTAGES						
22 101	OCCUPANT LOAD SERVED BY EXIT						
	ROOM OCCUPANT LOAD NOT COUNTED IN TOTAL						
U	OCCUPANT LOAD SERVED BY EXIT BUT NOT COUNTED IN TOTAL OCCUPANT LOAD.						
101	ROOM OCCUPANT LOAD AT 30 SQ. FT. PER PERSON						
(18)	ROOM OCCUPANT LOAD AT 200 SQ. FT. PER PERSON						
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132	ROOM OCCUPANT LOAD AT 7 SQ. FT. PER PERSON						
10	ROOM OCCUPANT LOAD AT 20 SQ. FT. PER PERSON						



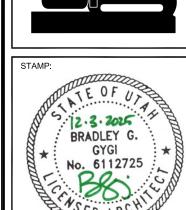
CODE ITEM REFERENCE	CODE REQUIREMENT	ACTUAL BUILDING DESIGN
OCCUPANCY CHAPTER 3	M,B,F-1,A (NON-SEPARATED) (EXISTING, 2003 IBC)	M,B,F-1,A (NON-SEPARATED)
CONSTRUCTION TYPE CHAPTER 6, TABLE 601	TYPE III-B (EXISTING, 2003 IBC) FIRE SPRINKLED	TYPE III-B FIRE SPRINKLED
TOTAL OCCUPANTS SECTION 1004		TOTAL OCCUPANTS = 1,100 MERC. = 770, FACTORY = 88, BUSINESS = 46, ASSEMBLY 196
ALLOWABLE FLOOR AREA TABLE 506.2	TABULAR AREA = 48,000 SF (F-1,S1)	
AREA MODIFICATIONS SECTION 506	37% INCREASE FOR FRONTAGE (506.3) (CALCULATION FROM ORIGINAL CONSTRUCTION DOCS) 65,722 SF TOTAL ALLOWABLE AREA	BUILDING = 55,712 SF COVERED AREAS = 3,557 SF TOTAL AREA = 59,269 SF (EXISTING)
ALLOWABLE HEIGHT TABLE 504.3, 504.4	TABULAR VALUES = 3 STORIES, 75 FEET	1 STORIES = 26'-0"± (EXISTING)
EGRESS WIDTH SECTION 1005	STAIRS 0.3" / OCCUPANT OTHERS 0.2" / OCCUPANT 212" REQUIRED	TOTAL WIDTH = 578" PROVIDED
PLUMBING FIXTURES SECTION 2902	SEE "PLUMBING FIXTURE COUNT"	SEE "PLUMBING FIXTURE COUNT"
RESTROOM ACCESSIBILITY 1109.2, 1109.2.1	ANSI A117.1 - 1 ACCESSIBLE FIXTURE TYPE FOR EACH RESTROOM	COMPLIES
ACCESSIBLE ENTRANCES SECTION 1105.1	PUBLIC ENTRANCES: AT LEAST 60% BUT NOT LESS THAN 1	TOTAL ENTRANCES = 3 ACCESSIBLE ENTRANCES = 3

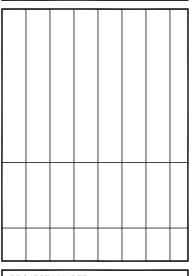
PLUMBING FIXTURE COUNT										
MALE OCCUPANTS = 550 FEMALE OCCUPANTS = 550										
FIXTURE TYPE	WATER	CLOSETS	LAVAT	ORIES	DRINKING	SERVICE SINK				
	MALE	FEMALE	MALE	FEMALE	FOUNTAINS					
CODE REQUIREMENT	M=1,F=1,B=2 A=1, 4	M=1,F=1,B=2 A=1, 4	M=1,F=1,B=2 A=1, 5	M=1,F=1,B=2 A=1, 5	M=1,F=1,B=2 A=1, 5	1				
EXISTING BUILDING	7	7	5	5	7	3				
NEW BUILDING DESIGN	11	11	11	11	9	4				

BUILDING CODES FIRE CODE	2021 - INTERNATIONAL BUILDING CODE IBC) 2021 - INTERNATIONAL EXISTING BUILDING CODE (IEBC)
FIRE CODE	
FIRE CODE	
	2021 - INTERNATIONAL FIRE CODE (IFC)
ELECTRIC CODE	2020 - NATIONAL ELECTRIC CODE (NEC)
PLUMBING CODE	2021 - INTERNATIONAL PLUMBING CODE (IPC)
MECHANICAL CODE	2021 - INTERNATIONAL MECHANICAL CODE (IMC)
ENERGY CODE	2021 - INTERNATIONAL ENERGY CONSERVATION CODE (IECC)

IEBC CODE ANALYSIS INFORMATION:

- 1. <u>WORK AREA</u> (IEBC 202): 1. 4,075 SF (7% OF 59,269 TOTAL FLOOR AREA)
- 2. <u>COMPLIANCE METHODS</u> (IEBC CHAPTER 3): WORK AREA COMPLIANCE METHOD (301.3.2)
- 3. <u>CLASSIFICATION OF WORK</u> (IEBC CHAPTER 6)
 ALTERATION LEVEL 2 (WORK AREA IS LESS THAN 50% OF FLOOR AREA)
- 4. <u>ALTERATIONS LEVEL 2</u> (IEBC CHAPTER 8)
 AUTOMATIC SPRINKLER SYSTEM (803.2.2) EXISTING TO BE MODIFIED.
- 5. OCCUPANT LOAD: NET PLUS 29 TO TOTAL OCCUPANT LOAD IN BUILDING
- 6. <u>ACCESSIBILITY AND RESTROOM FIXTURE COUNT:</u>
 OVERALL TOTAL FIXTURE COUNT IN BUILDING IS INCREASED FOR CURRENT CODE COMPLIANCE NEW RESTROOMS PROVIDE ACCESSIBLE FIXTURES OF EACH TYPE





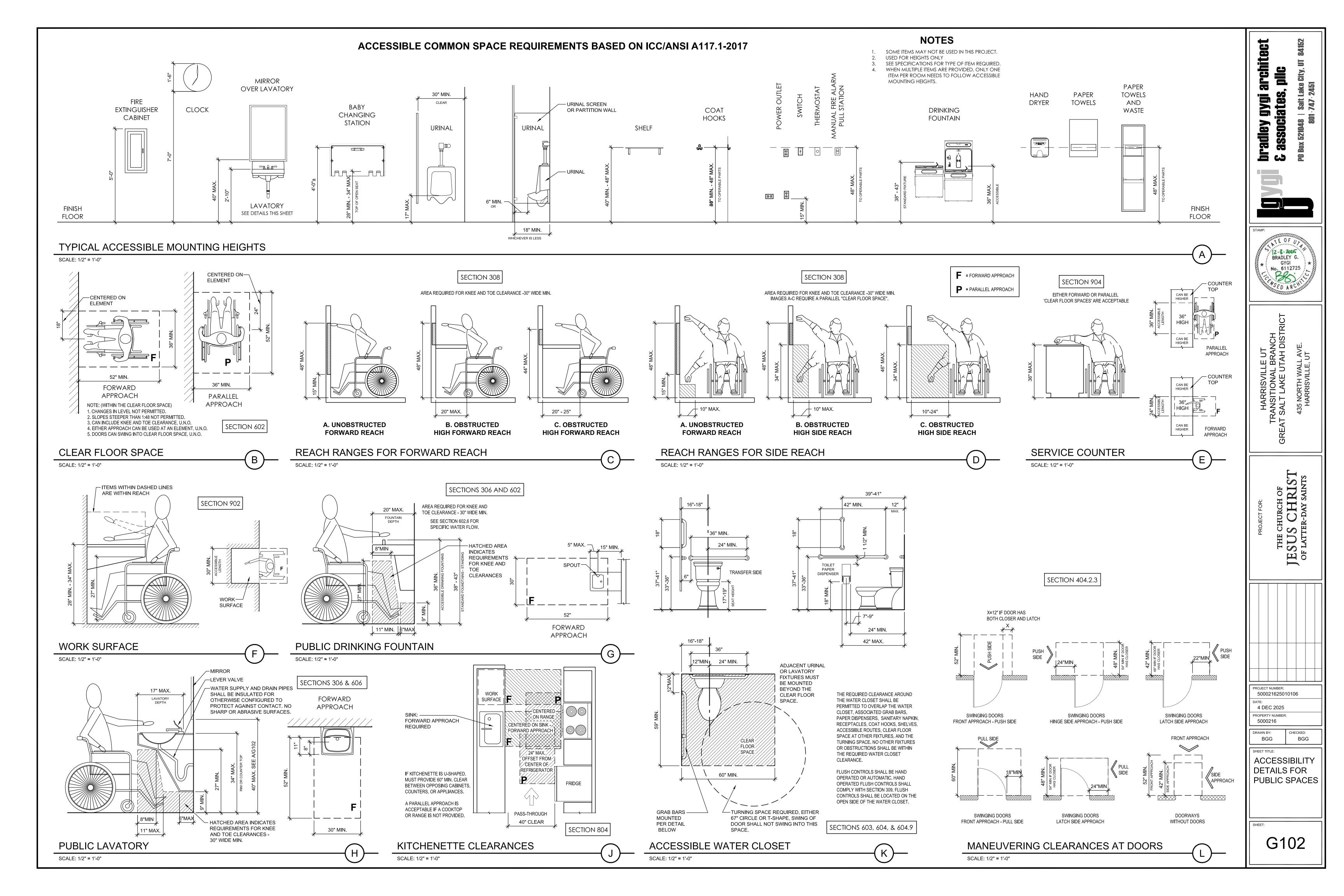
PROJECT NUMBER: 500021625010106 4 DEC 2025 PROPERTY NUMBER:

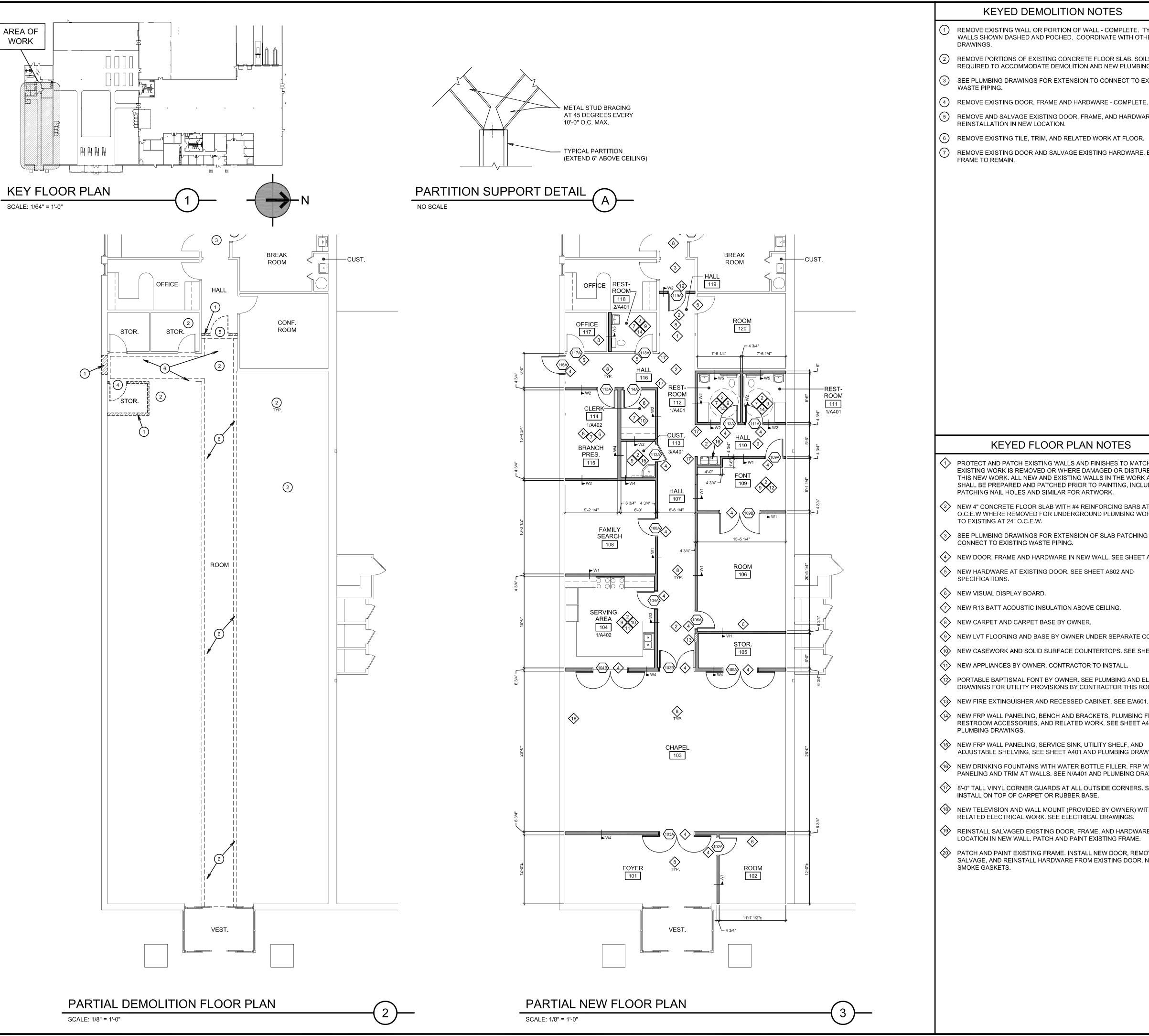
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SHEET TITLE:

CODE INFORMATION

G101





GENERAL DEMOLITION NOTES KEYED DEMOLITION NOTES

- REMOVE EXISTING WALL OR PORTION OF WALL COMPLETE. TYPICAL ALL WALLS SHOWN DASHED AND POCHED. COORDINATE WITH OTHER
- (2) REMOVE PORTIONS OF EXISTING CONCRETE FLOOR SLAB, SOILS, ETC. AS REQUIRED TO ACCOMMODATE DEMOLITION AND NEW PLUMBING WORK.
- (3) SEE PLUMBING DRAWINGS FOR EXTENSION TO CONNECT TO EXISTING
- WASTE PIPING.
- REMOVE AND SALVAGE EXISTING DOOR, FRAME, AND HARDWARE FOR
- REINSTALLATION IN NEW LOCATION.
- 7) REMOVE EXISTING DOOR AND SALVAGE EXISTING HARDWARE. EXISTING FRAME TO REMAIN.
- DEMOLITION DRAWINGS ARE NOT INTENDED TO BE ALL-INCLUSIVE OR TO LIMIT EXTENT OF DEMOLITION WORK REQUIRED. CONTRACTOR SHALL VISIT SITE PRIOR TO BIDDING AND COORDINATE WITH ALL TRADES AND OTHER DRAWINGS AND DOCUMENTS TO DEFINE EXTENT OF DEMOLITION WORK REQUIRED TO CARRY OUT THE INTENT OF THESE CONTRACT
- OWNER HAS FIRST RIGHTS TO SALVAGE. FLOOR COVERINGS: AT ALL AREAS OF NEW WORK, REMOVE EXISTING FLOOR COVERINGS TO EXTENT NEEDED TO ACCOMMODATE NEW WORK. REMAINING DEMOLITION WILL BE BY OWNER UNDER SEPARATE
- FLOORS: REMOVE EXISTING CONCRETE FLOOR SLABS AS REQUIRED FOR

CEILINGS: SEE SHEET A151

- WALLS, FLOORS AND CEILING STRUCTURE: REMOVE ALL WALLS, FLOORS AND CEILING STRUCTURE WHERE NEW WORK WILL OCCUR. SEE NEW FLOOR PLANS FOR LOCATION OF NEW WALLS. SEE OTHER DRAWINGS FOR AREAS WHICH WILL REQUIRE REMOVAL TO ACCOMPLISH NEW WORK.
- FIXTURES, GRILLES, SPEAKERS, CONVECTORS, COVER PLATES, HANDRAILS, BRACKETS, COAT RACKS, HOOK STRIPS, AND OTHER EXISTING VORK: WHERE NOT SHOWN TO BE REMOVED OR REPLACED WITH NEW, REMOVE AND REINSTALL EXISTING AS REQUIRED TO ACCOMMODATE NEW
- WORK AND FINISHES. PLUMBING, MECHANICAL, HVAC, FIRE SPRINKLING, ELECTRICAL, SOUND AND RELATED WORK: COORDINATE WITH NEW WORK AND OTHER
- STRUCTURE. PROVIDE SHORING AND TEMPORARY SUPPORT AS
- OR PORTION OF WALL COMPLETE. REMOVE ALL PIPING, WIRING, TO BE MAINTAINED AND ABANDONED WITH ALL DISCIPLINES.

DRAWINGS.

- PROTECT EXISTING FINISHES WHICH ARE TO REMAIN DURING THIS WORK.
- CONTRACT.

THIS WORK.

- VISUAL DISPLAY BOARDS, MOVIE SCREENS, EQUIPMENT, DEVICES,
- DRAWINGS. SALVAGE ALL EQUIPMENT AND FIXTURES SHOWN TO BE REINSTALLED. 10. CONTRACTOR TO MAINTAIN STRUCTURAL INTEGRITY OF EXISTING
- REQUIRED. WHERE SHOWN ZZZZZZZZ POCHED ON PLAN, REMOVE EXISTING WALL EQUIPMENT, AND OTHER ITEMS CONCEALED IN WALL. COORDINATE ITEMS

12.3.2025

BRADLEY G.

GENERAL FLOOR PLAN NOTES

PROTECT AND PATCH EXISTING WALLS AND FINISHES TO MATCH WHERE EXISTING WORK IS REMOVED OR WHERE DAMAGED OR DISTURBED BY THIS NEW WORK. ALL NEW AND EXISTING WALLS IN THE WORK AREA SHALL BE PREPARED AND PATCHED PRIOR TO PAINTING, INCLUDING

KEYED FLOOR PLAN NOTES

- PATCHING NAIL HOLES AND SIMILAR FOR ARTWORK. 2 NEW 4" CONCRETE FLOOR SLAB WITH #4 REINFORCING BARS AT 18" O.C.E.W WHERE REMOVED FOR UNDERGROUND PLUMBING WORK. DOWEL
- 3 SEE PLUMBING DRAWINGS FOR EXTENSION OF SLAB PATCHING TO CONNECT TO EXISTING WASTE PIPING.
- (4) NEW DOOR, FRAME AND HARDWARE IN NEW WALL. SEE SHEET A602.
- 5 NEW HARDWARE AT EXISTING DOOR. SEE SHEET A602 AND SPECIFICATIONS.
- 6 NEW VISUAL DISPLAY BOARD.
- 7 NEW R13 BATT ACOUSTIC INSULATION ABOVE CEILING.
- (8) NEW CARPET AND CARPET BASE BY OWNER.
- 9 NEW LVT FLOORING AND BASE BY OWNER UNDER SEPARATE CONTRACT.
- 10 NEW CASEWORK AND SOLID SURFACE COUNTERTOPS. SEE SHEET A402.
- (11) NEW APPLIANCES BY OWNER. CONTRACTOR TO INSTALL.
- PORTABLE BAPTISMAL FONT BY OWNER. SEE PLUMBING AND ELECTRICAL DRAWINGS FOR UTILITY PROVISIONS BY CONTRACTOR THIS ROOM.
- (13) NEW FIRE EXTINGUISHER AND RECESSED CABINET. SEE E/A601.
- 14 NEW FRP WALL PANELING, BENCH AND BRACKETS, PLUMBING FIXTURES, RESTROOM ACCESSORIES, AND RELATED WORK. SEE SHEET A401 AND PLUMBING DRAWINGS.
- 15 NEW FRP WALL PANELING, SERVICE SINK, UTILITY SHELF, AND ADJUSTABLE SHELVING. SEE SHEET A401 AND PLUMBING DRAWINGS.
- 16 NEW DRINKING FOUNTAINS WITH WATER BOTTLE FILLER. FRP WALL PANELING AND TRIM AT WALLS. SEE N/A401 AND PLUMBING DRAWINGS.
- 8'-0" TALL VINYL CORNER GUARDS AT ALL OUTSIDE CORNERS. SEE D/A601.
- (18) NEW TELEVISION AND WALL MOUNT (PROVIDED BY OWNER) WITH
- (19) REINSTALL SALVAGED EXISTING DOOR, FRAME, AND HARDWARE IN NEW
- LOCATION IN NEW WALL. PATCH AND PAINT EXISTING FRAME.
- 20 PATCH AND PAINT EXISTING FRAME. INSTALL NEW DOOR, REMOVE, SALVAGE, AND REINSTALL HARDWARE FROM EXISTING DOOR. NEW SMOKE GASKETS.

- GENERAL NOTES: DIMENSIONS SHOWN ON PLANS ARE FROM FACE OF GYPSUM BOARD OR EXISTING WALLS UNLESS NOTED OTHERWISE.
- PROVIDE SOLID BLOCKING IN THE WALLS AT ALL DOOR STOPS, VISUAL DISPLAY BOARDS, TOILET COMPARTMENTS, LAVATORY SUPPORTS, AND AT ALL OTHER EQUIPMENT AND ACCESSORY LOCATIONS. SEE A/A601.
- FOR FINISH SCHEDULE, SEE SHEET A601 4. FOR DOOR SCHEDULE, SEE SHEET A602.

- WHEN EXISTING WORK IS TO REMAIN: HVAC, PLUMBING, ELECTRICAL, SOUND OR OTHER WORK WHICH IS ENCOUNTERED WITH REMOVAL OF FLOORS, WALLS OR CEILINGS, SHALL
- NEW WALLS ARE SHOWN "POCHED" AND "HATCHED" TYPICAL.

3. FOR WALL TYPES, SEE SCHEDULE THIS SHEET.

INTERIOR - PATCHING/FINISHES:

- PATCH AND REPAIR ALL EXISTING WORK DISTURBED BY THIS NEW WORK. WALLS, CEILINGS, FLOORS, TRIM AND OTHER WORK SHALL BE FINISHED TO MATCH EXISTING (OR
- NEW) FINISHES FOR SPACE. WHERE EXISTING WORK IS TO BE REPLACED: REMOVE AND REINSTALL EXISTING FIXTURES, DEVICES, CONVECTORS, GRILLES, LOUVERS, EQUIPMENT AND OTHER EXISTING WORK TO
- EXISTING LOCATION TO ACCOMMODATE NEW WORK. WALLS TO HAVE PAINT ARE TO BE FINISHED TO SMOOTH SURFACE (LEVEL) PRIOR TO
- APPLICATION OF TEXTURING AND WALL COVERING INSTALLATIONS.

CAULKING

CAULK ALL NEW AND EXISTING DOOR, WINDOW AND STOREFRONT FRAMES ENTIRE PERIMETER AT INTERIOR AT ALL AREAS OF THIS NEW WORK. REMOVE EXISTING CAULK AND INSTALL NEW CAULK PRIOR TO PAINTING AND FINISH WORK.

INSULATION

- AT EXISTING AREAS, REPLACE ALL DISTURBED OR REMOVED INSULATION WHICH IS OTHERWISE TO REMAIN AT WALLS AND CEILINGS TO MATCH EXISTING - FULL THICK.
- ADD NEW R13 BATT INSULATION ON TOP OF CEILINGS AT BISHOP 105, CLERK 106, AND RESTROOMS 111, 112.

- FIRE SPRINKLING: AT ALL AREAS OF NEW WORK, MODIFY EXISTING AUTOMATIC FIRE SPRINKLING SYSTEM TO PROVIDE FULL COVERAGE. SEE SPECIFICATIONS SECTION 21 1313
- FOR STANDARDS. FIRE ALARM: SEE ELECTRICAL DRAWINGS FOR FIRE ALARM MODIFICATIONS AT AREAS OF NEW WORK.

MAINTAIN STRUCTURAL INTEGRITY OF EXISTING STRUCTURE. PROVIDE SHORING AND TEMPORARY SUPPORT AS REQUIRED.

PLUMBING, MECHANICAL AND ELECTRICAL:

REMOVE EXISTING FIXTURES AND DEVICES TO ACCOMMODATE OTHER TRADES DURING THIS CONSTRUCTION AND REINSTALL OR REPLACE WITH NEW AT COMPLETION OF WORK.

WALL TYPE SCHEDULE

MARK	DESCRIPTION
W1	3.5" METAL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD EACH SIDE. ALL WALLS WHERE NOT OTHERWISE NOTED.
W2	3.5" METAL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD EACH SIDE. FULL THICK ACOUSTICAL INSULATION AT ALL VOIDS. CAULK TOP AND BOTTOM.
W3	5.5" METAL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD EACH SIDE.
W4	5.5" METAL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD EACH SIDE. FULL THICK ACOUSTICAL INSULATION AT ALL VOIDS. CAULK TOP AND BOTTOM.

TYPICAL ALL WALLS:

1. EXTEND TOP PLATE UP 12" ABOVE CEILING AND BRACE TO STRUCTURE ABOVE. SEE DETAIL A/A101. INSTALL ACOUSTICAL INSULATION (WHERE OCCURS) IN WALL ABOVE CEILING UP TO TOP PLATE.

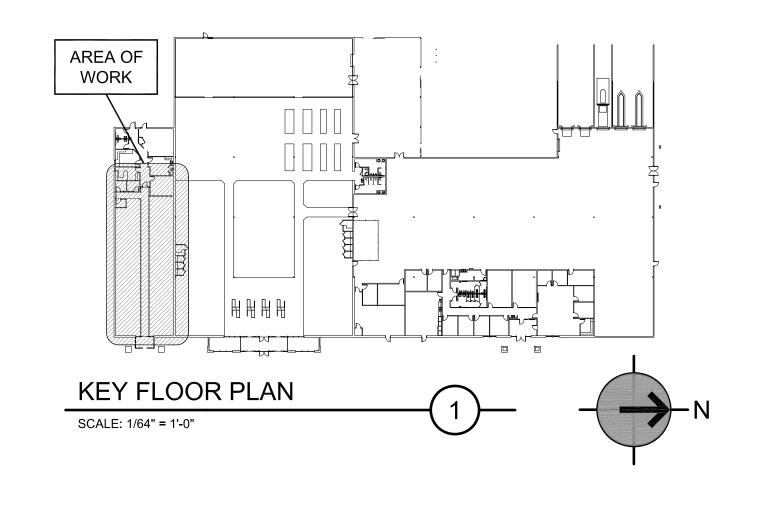
FURR IN FRONT OF EXISTING WALL WITH 3.5" METAL STUDS AT 16" W5 O.C. WITH 5/8" GYPSUM BOARD ROOM SIDE. 6" TOTAL SPACE FROM PROJECT NUMBER: 500021625010106 4 DEC 2025 PROPERTY NUMBER: 5000216

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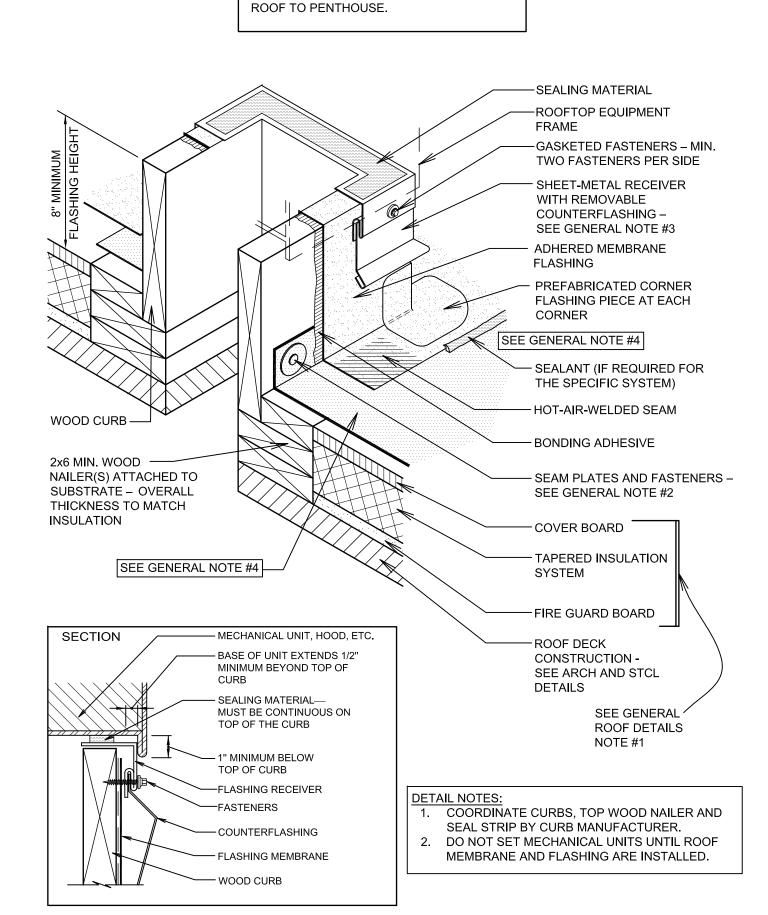
FLOOR PLANS

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A101

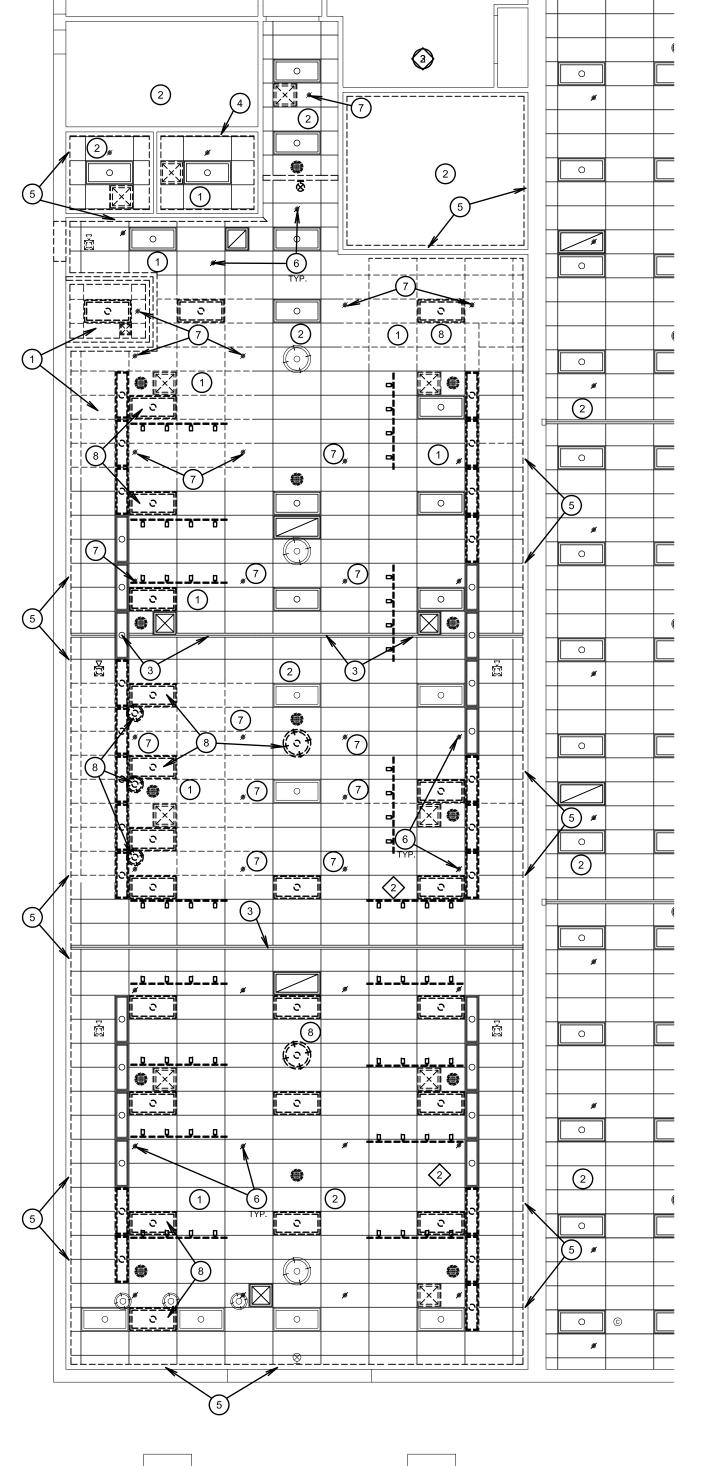




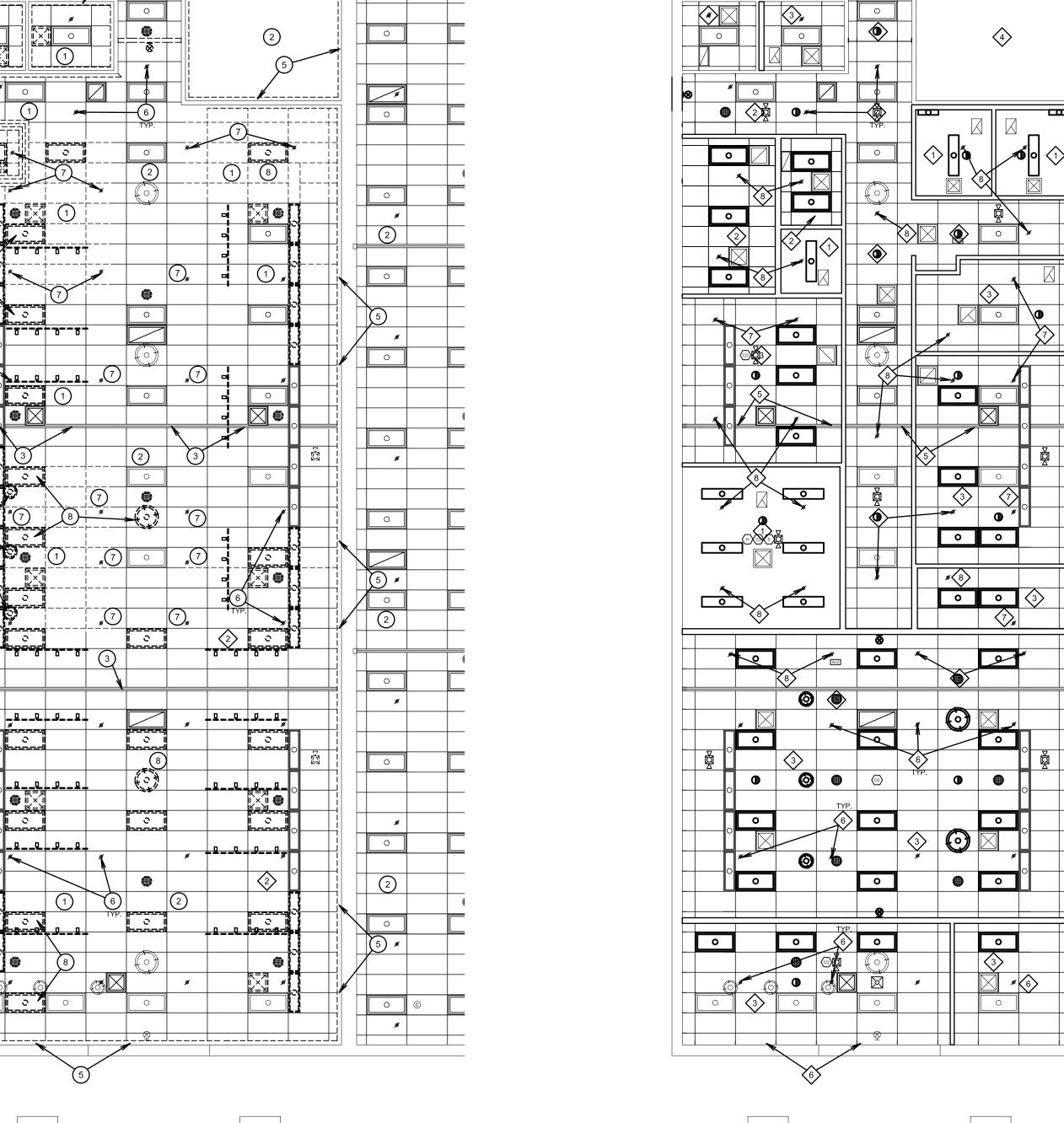


BASE FLASHING AT WOOD CURB

SCALE: NONE



DEMOLITION REFLECTED CEILING PLAN



GENERAL CEILING NOTES

DEMOLITION AND EXISTING WORK:

- PROTECT EXISTING FINISHES WHICH ARE TO REMAIN, INCLUDING EXISTING CEILINGS, FURNISHINGS, EQUIPMENT, AND OTHER WORK.REMOVE CEILING TILES, SUSPENDED CEILING GRID, TRIM, EQUIPMENT, OR OTHER ITEMS TO PROVIDE ACCESS TO PERFORM OTHER WORK OR TO ACCOMMODATE NEW WORK. COORDINATE WITH OTHER DRAWINGS AND ALL TRADES.
- REMOVE FIXTURES, SPEAKERS, GRILLES, LOUVERS, EQUIPMENT, DEVICES AND OTHER WORK AS REQUIRED TO ACCOMMODATE NEW CEILING WORK OR OTHER RELATED NEW WORK AND ACCESS TO ACCOMPLISH NEW
- SALVAGE AND STORE ITEMS ARE TO BE REUSED AND REINSTALLED. SEE ELECTRICAL, MECHANICAL AND OTHER DRAWINGS FOR LIGHT
- FIXTURES, HVAC EQUIPMENT, GRILLES, ETC. TO BE REMOVED.
- EXISTING EXTERIOR LIGHTING, PARKING LOT LIGHTING, AND EXIT SIGNS ARE TO REMAIN AND ARE NOT PART OF THE SCOPE OF THIS WORK. ALL AREAS:
- SEE ELECTRICAL, MECHANICAL AND OTHER DRAWINGS FOR LIGHT FIXTURES, HVAC EQUIPMENT, FIRE SPRINKLING, GRILLES, ETC.
- SUSPENDED ACOUSTICAL PANEL CEILINGS: AT MODIFIED SUSPENDED CEILING GRIDS, PROVIDE SEISMIC BRACING AS
- AREAS LARGER THAN 1,200 SQUARE FEET. FOR MOUNTING OF RECESSED SPEAKERS IN CORRIDOR CEILINGS, SEE

REQUIRED BY BUILDING CODE. SEE DETAILS A,B,C,D/A152. APPLIES TO

- F/A152. APPLIES ONLY WHERE EXISTING IS MODIFIED. FOR MOUNTING OF RECESSED LIGHT FIXTURES, SEE E,F/A152. APPLIES
- ONLY WHERE EXISTING IS MODIFIED.

NEW SUSPENDED GYPSUM BOARD & ACOUSTICAL TILE CEILINGS:

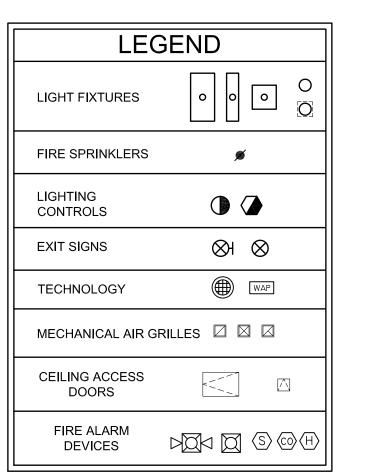
- AT SUSPENDED CEILINGS, PROVIDE SEISMIC BRACING AS REQUIRED BY BUILDING CODE. SEE DETAILS H,J,K/A152. APPLIES TO AREAS LARGER THAN 1,200 SQUARE FEET.
- FOR MOUNTING OF SPEAKERS AND LIGHT FIXTURES IN CEILINGS, SEE

KEYED CEILING DEMOLITION NOTES

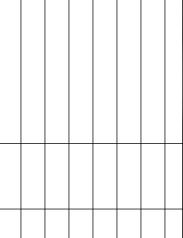
- REMOVE PORTIONS OF EXISTING SUSPENDED CEILING GRID, LAY-IN TILE, AND RELATED WORK. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR NOTES REGARDING WORK MOUNTED IN EXISTING CEILINGS. SALVAGE TILE IN GOOD CONDITION FOR REINSTALLATION IN NEW LOCATION(S).
- (2) EXISTING CEILINGS TO REMAIN. PROTECT AS REQUIRED DURING THIS WORK. TYPICAL WHERE NOT NOTED OTHERWISE.
- (3) EXISTING CEILING EXPANSION JOINT TO REMAIN.
- (4) OMITTED
- (5) REMOVE PORTIONS OF EXISTING WOOD CROWN MOLD AND TRIM WHERE EXISTING WALLS ARE REMOVED.
- 6 EXISTING FIRE SPRINKLERS TO REMAIN TYPICAL WHERE NOT NOTED
- (7) EXISTING FIRE SPRINKLER HEAD TO BE REMOVED TO ACCOMMODATE NEW LAYOUT. SEE NEW CEILING PLAN.
- 8 REMOVE AND SALVAGE SELECTED EXISTING LIGHT FIXTURES FOR RELOCATION. SEE ELECTRICAL DRAWINGS FOR ALL LIGHTING.

KEYED CEILING NOTES

- CEILING SUSPENSION SYSTEM WITH 5/8" GYPSUM BOARD. SMOOTH TEXTURE AND PAINT ENTIRE ROOM. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR NOTES REGARDING WORK MOUNTED ON CEILING.
- 2 NEW 24" x 48" SUSPENDED SYSTEM WITH LAY-IN ACOUSTICAL CEILING
- (3) EXISTING 24" x 48" SUSPENDED SYSTEM WITH LAY-IN ACOUSTICAL CEILING TILE TO REMAIN. AT NEW WALLS INSTALL NEW SEISMIC CLIP AT EACH SIDE OF WALL. SEE C,D/A152. MODIFY EXISTING SUSPENDED CEILING GRID SYSTEM AT THIS AREA TO ACCOMMODATE NEW WALL. WHERE EXISTING WORK IS REMOVED, MODIFY AND ADD NEW TRIM AND RUNNERS TO MATCH EXISTING. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR NOTES REGARDING WORK MOUNTED IN CEILING. INCLUDE REPLACEMENT OF 144 TILES IN BID AMOUNT.
- (4) EXISTING CEILINGS TO REMAIN. PROTECT AS REQUIRED DURING THIS WORK. TYPICAL WHERE NOT NOTED OTHERWISE.
- EXISTING CEILING EXPANSION JOINT TO REMAIN. MODIFY AND PATCH AS REQUIRED WHERE EXISTING WORK IS REMOVED AND AT NEW WALLS.
- 6 OMITTED
- EXISTING FIRE SPRINKLERS TO REMAIN TYPICAL WHERE NOT NOTED
- NEW FIRE SPRINKLER HEAD IN NEW LOCATION AS REQUIRED TO PROVIDE COVERAGE FOR MODIFIED ROOM. TIE IN TO EXISTING FIRE SPRINKLER



12.3.2025 BRADLEY G. GYGI No. 6112725



PROJECT NUMBER: 500021625010106 4 DEC 2025

PROPERTY NUMBER: 5000216 CHECKED: BGG BGG

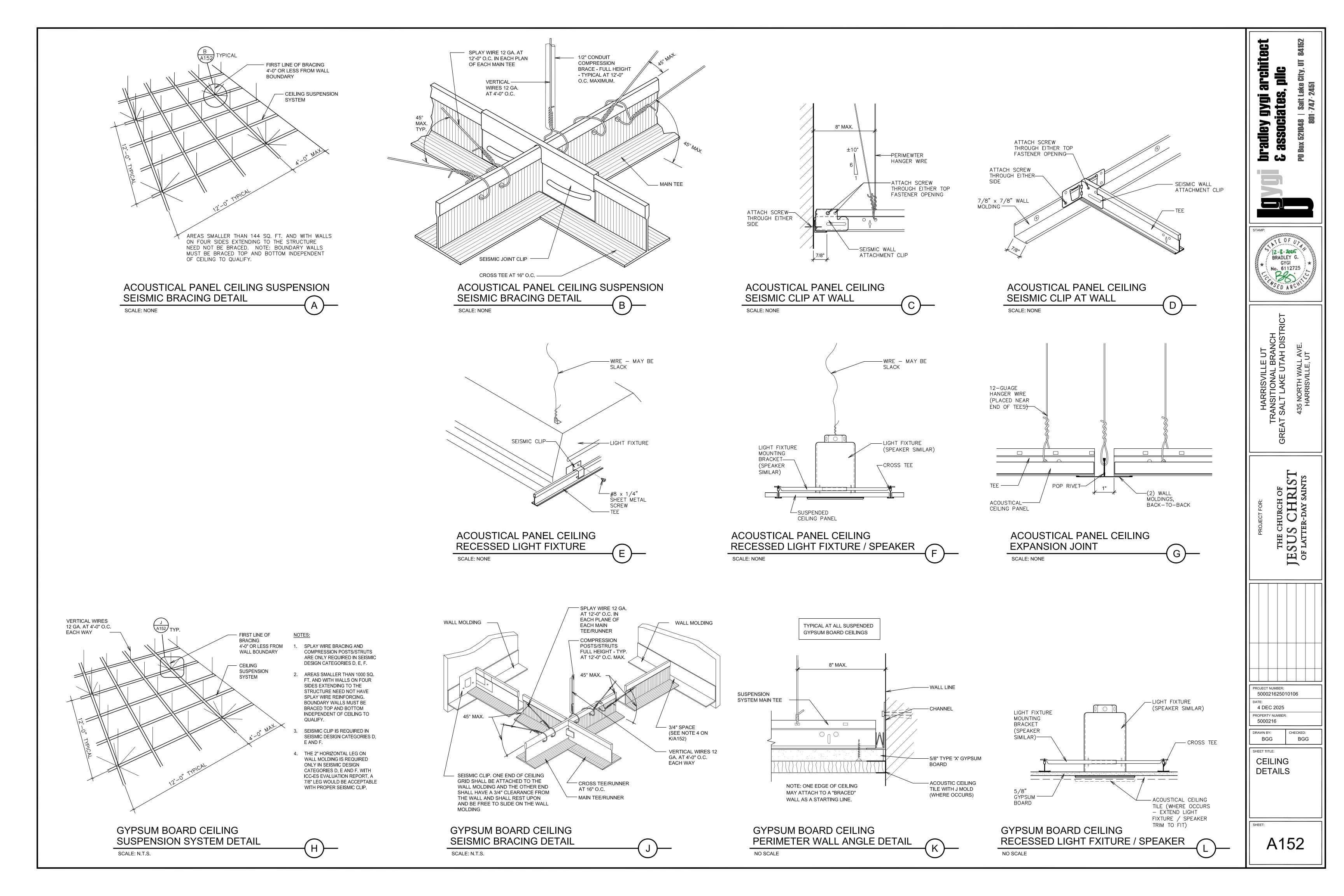
REFLECTED **CEILING PLANS**

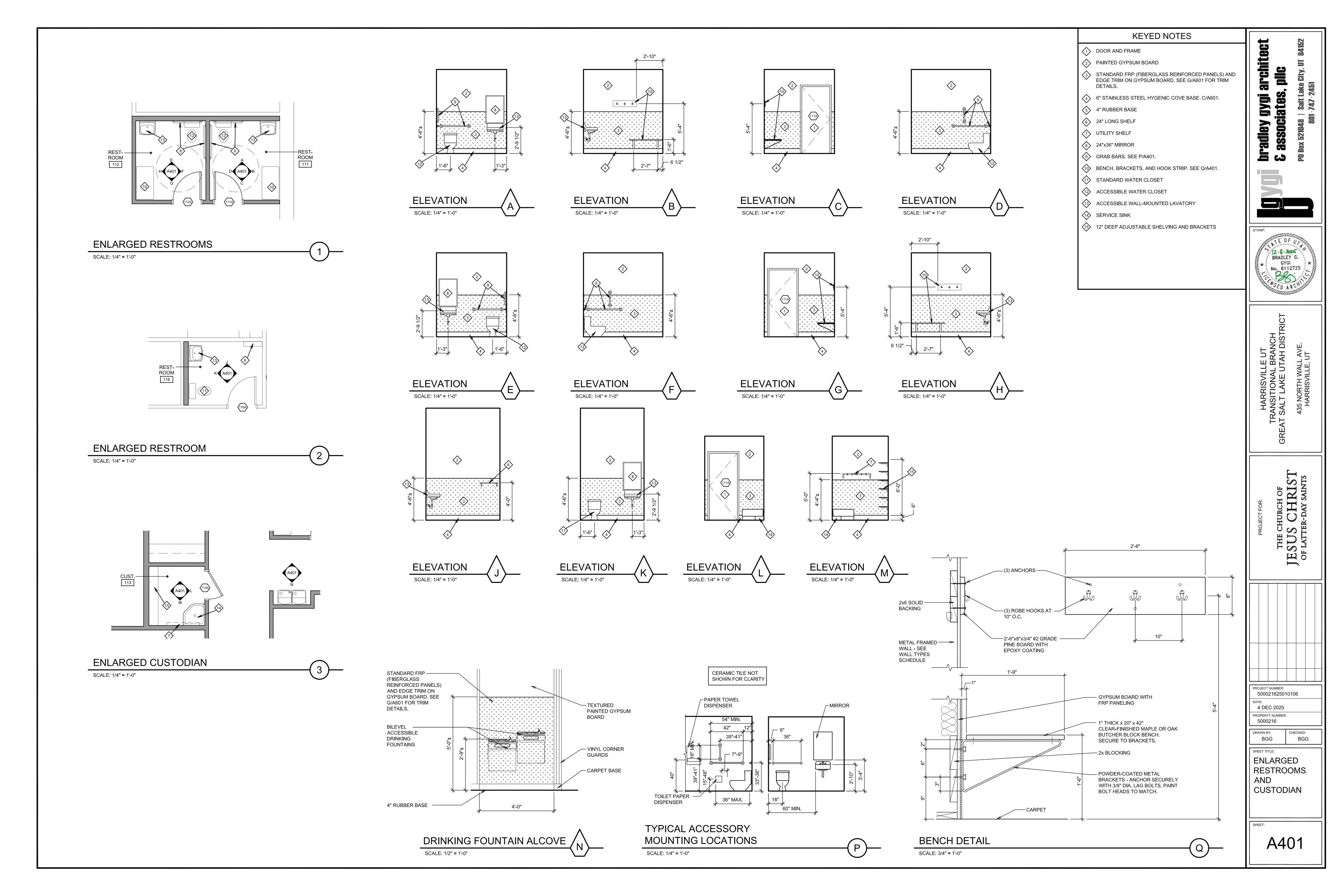
A151

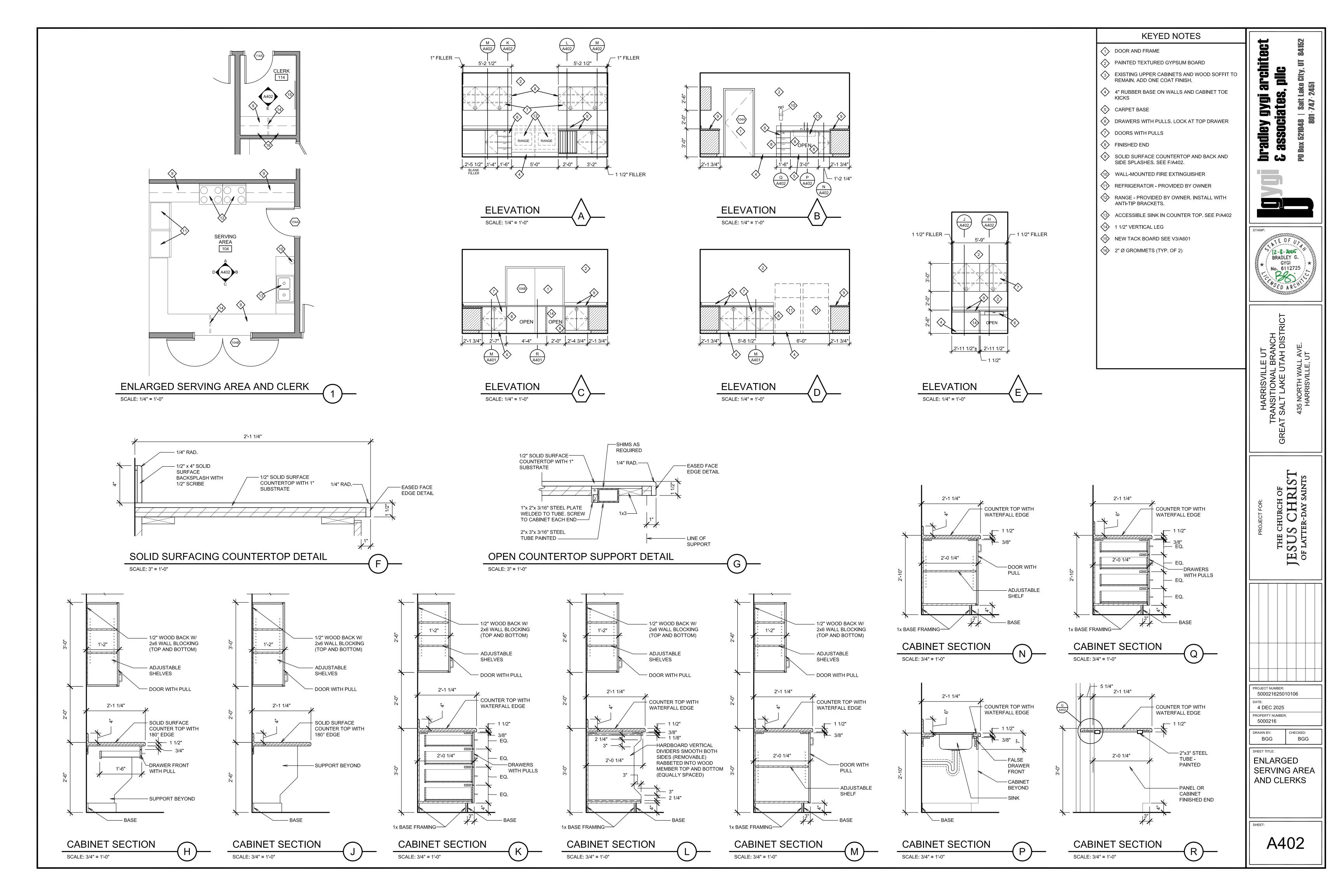
NEW REFLECTED CEILING PLAN

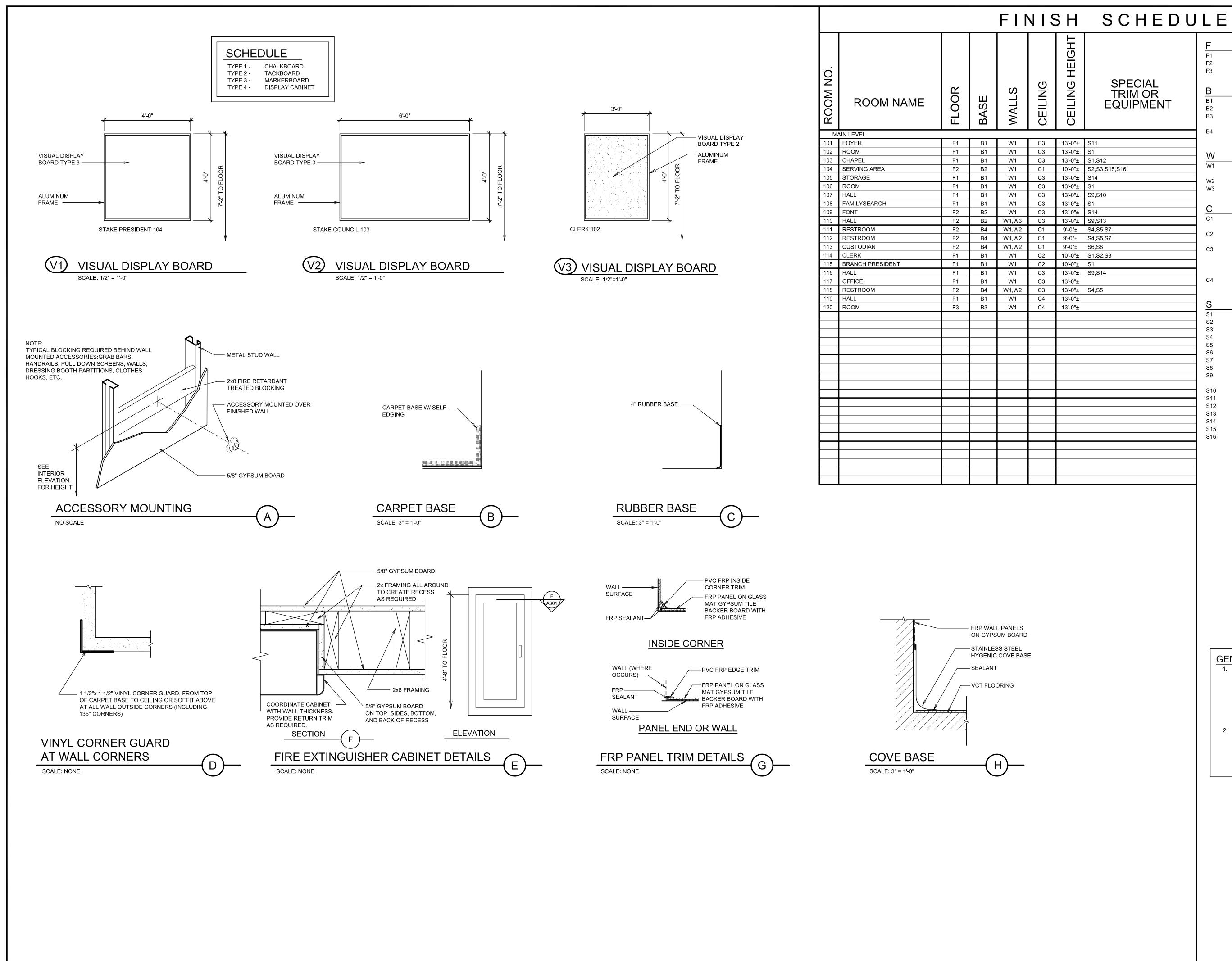
SCALE: 1/8" = 1'-0"

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









FLOOR NEW CARPET BY OWNER NEW LVT BY OWNER EXISTING TO REMAIN - PROTECT BASE NEW CARPET BY OWNER. SEE B/A601. 4" RUBBER BY OWNER. SEE C/A601. THIS WORK - PROTECT

W WALLS

NEW AND EXISTING GYPSUM BOARD - HOLY SMOOTH TEXTURE AND PAINT ENTIRE ROOM.

NEW 24" x 48" SUSPENDED SYSTEM WITH LAY-IN ACOUSTICAL CEILING TILE. EXISTING 24" x 48" SUSPENDED SYSTEM WITH LAY-IN ACOUSTICAL CEILING TILE TO REMAIN. MODIFY AT NEW WALLS AND RECONFIGURED AREAS. INCLUDE REPLACEMENT OF 144 TILES IN BID AMOUNT.

NEW VISUAL DISPLAY BOARD

SOLID SURFACE COUNTER TOPS

MIRROR(S)

ADJUSTABLE SHELVING

PROTECT EXISTING FINISHES WHICH ARE TO

REMAIN THROUGHOUT THE CONSTRUCTION

HARDWOOD FLOORS, CASEWORK, WOOD

PERIOD, INCLUDING CEILING TILE,

TRIM AND OTHER WORK.

DRINKING FOUNTAINS, SEE N/A401.

PORTABLE FONT - SEE SECTION 10 102815

NEW FIRE EXTINGUISHER AND WALL MOUNT

S16 NEW APPLIANCES - BY OWNER

GENERAL FINISH NOTES: AT AREAS ADJACENT TO NEW WORK, WHERE NOT SHOWN TO BE REPLACED WITH NEW, REMOVE AND REINSTALL ALL EXISTING SIGNS, VISUAL DISPLAY BOARDS, ELECTRICAL COVER PLATES, HVAC GRILLES, HANDRAILS, ETC. TO ACCOMMODATE NEW PAINTING WORK. TYPICAL AT ALL AREAS OF NEW WORK.

PROJECT NUMBER: 500021625010106 4 DEC 2025

PROPERTY NUMBER: 5000216

SHEET TITLE: **FINISH**

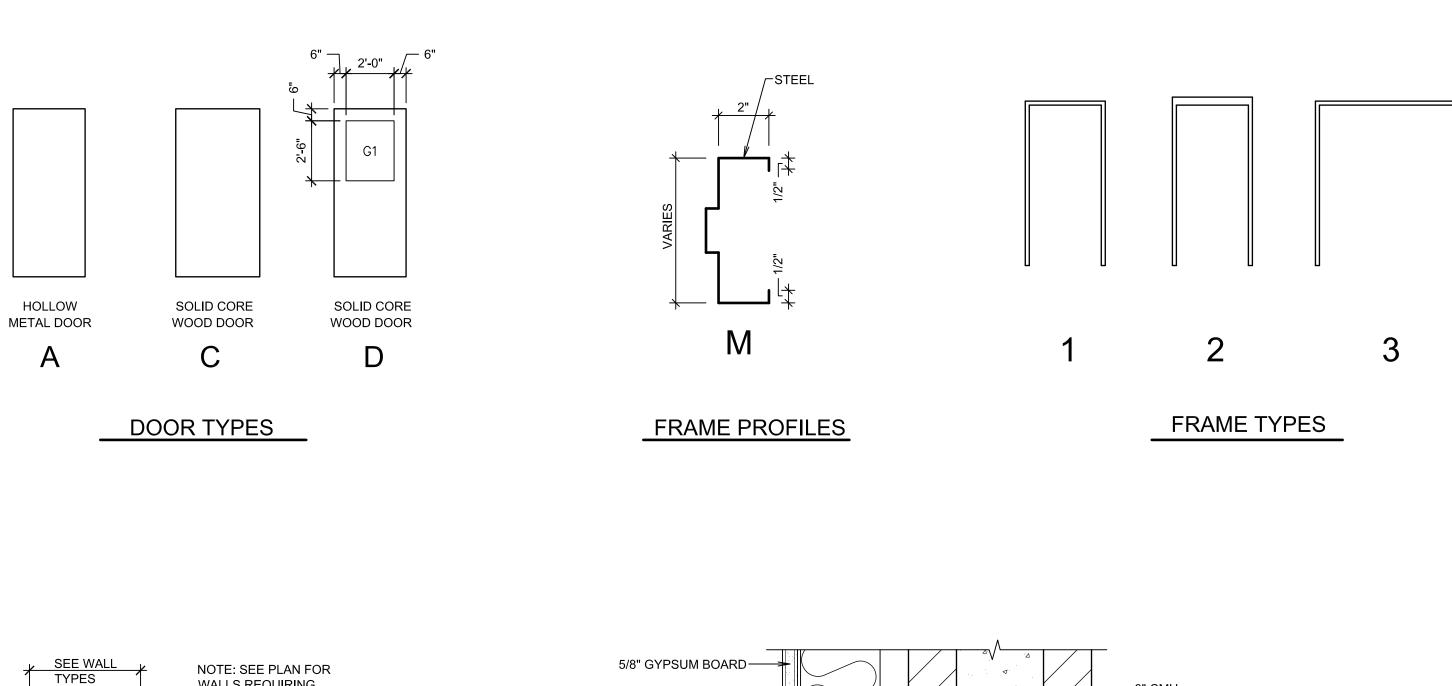
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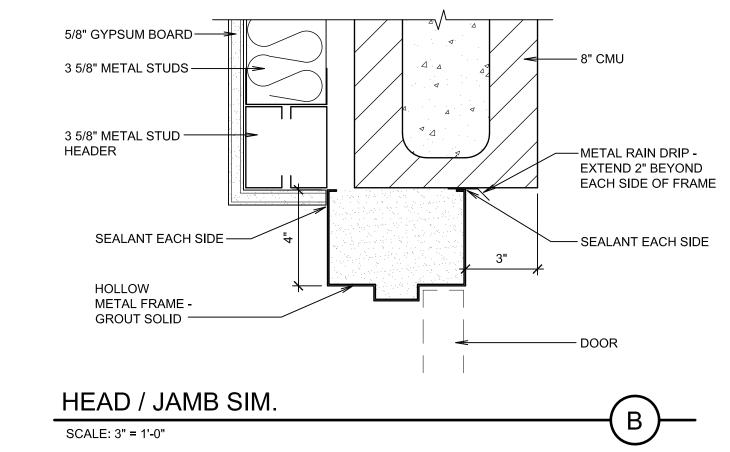
SCHEDULE AND DETAILS

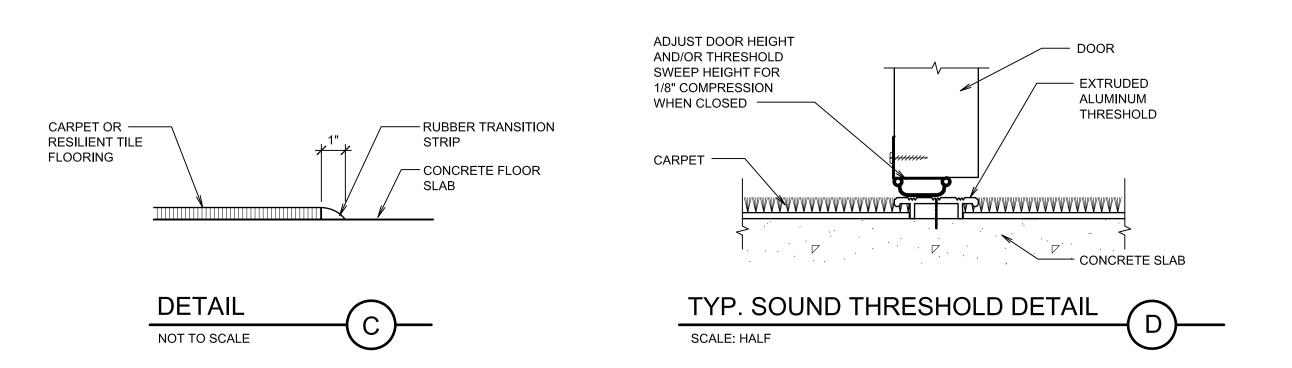
BGG

A601

bradley EXISTING TO REMAIN AT AREAS NOT DISTURBED BY STAINLESS STEEL HYGENIC COVE BASE, H/A601 FRP PANELING WAINSCOT AND TRIM. SEE SHEET A401. FRP PANELING AT DRINKING FOUNTAINS. SEE SHEET A401. CEILING CEILING SUSPENSION SYSTEM WITH 5/8" GYPSUM BOARD. SMOOTH TEXTURE AND PAINT ENTIRE ROOM. 5 12.3.2025 BRADLEY G. EXISTING CEILINGS TO REMAIN. PROTECT. No. 6112725 SMOOTH TEXTURE TO MATCH EXISTING AND PAINT. SPECIAL TRIM OR EQUIPMENT NEW CASEWORK GRAB BARS AND RESTROOM ACCESSORIES. SEE A401. UTILITY SHELF BENCH AND BRACKETS. SEE SHEET A401. VINYL CORNER GUARDS. SEE D/A601. SEE SHEET A101 FOR NEW FIRE EXTINGUISHER AND CABINET. SEE E,F/A601. EXISTING FIRE EXTINGUISHER AND CABINET TO REMAIN NEW TELEVISION AND WALL MOUNT







WALLS REQUIRING

CERAMIC TILE SYSTEM

WHERE OCCURS

— 3 5/8" METAL STUDS

✓ SEALANT EACH SIDE

METAL FRAME

— DOUBLE STUD

- HOLLOW

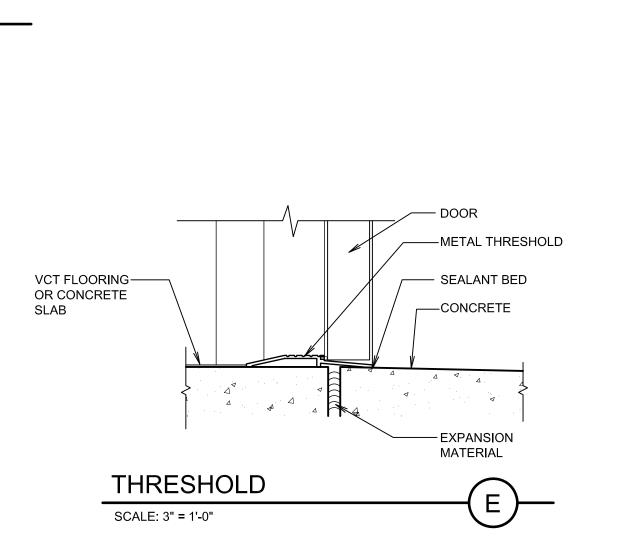
- JAMB ANCHORS

TYPICAL HEAD / JAMB SIM.

SCALE: 3" = 1'-0"

5/8" GYPSUM BOARD

INSULATION



DOOR SCHEDULE

													CONEDULE
			DC	OR			DETAILS						
\bigcirc								TYPE	FRA	ME	뿠		
MARK	ROOM	TYPE	SINGLE	DOUBLE	SIZE	GLASS	PROFILE	FRAME T	HEAD	JAMB	HARDWARE GROUP	THRESHOLD	REMARKS
MA	N LEV	ÆL	•	<u> </u>		•				1		•	
102A	102	D	•		S1	G1	М	1	A/A602	A/A602 (SIM).	20		R1
103A	103	С		•	S1		М	3	A/A602	A/A602 (SIM).	52		R1
103B	103	С		•	S1		М	3	A/A602	A/A602 (SIM).	52		R1
104A	104	D	•		S1	G1	М	1	A/A602	A/A602 (SIM).	22	T1	R1
104B	104	С		•	S1		М	3	A/A602	A/A602 (SIM).	51	T1	R1
105A		С		0	S1		М	3	A/A602	A/A602 (SIM).	51		R1
106A	106	D	•		S1	G1	М	1	A/A602	A/A602 (SIM).	20		R1
108A	108	С	•		S1		М	1	A/A602	A/A602 (SIM).	22		R1
109A	109	С	•		S1		М	1	A/A602	A/A602 (SIM).	22		R1
109B	109	С		•	S1		М	3	A/A602	A/A602 (SIM).	51	T1	R1
111A	111	С	•		S1		М	1	A/A602	A/A602 (SIM).	32	T1	R1
112A	112	С	•		S1		М	1	A/A602	A/A602 (SIM).	32	T1	R1
113A	113	С	•		S1		М	1	A/A602	A/A602 (SIM).	20	T1	R1
114A	114	С		•	S1		М	1	A/A602	A/A602 (SIM).	26	T2	R1
115A	115	С		•	S1		М	1	A/A602	A/A602 (SIM).	26	T2	R1
116A	116	Α		•	S1		М	2	B/A602	B/A602 (SIM).	2	T3	R1
117A	117			•					EXISTING	EXISTING	26A		R2
118A	118			•					EXISTING	EXISTING	32	T1	R2
119A	119			•					B/A602	B/A602 (SIM).			R3
120A	120	С		•	S1				EXISTING	EXISTING			R4
					1	1				1		1	

OR TYPES

- 1 3/4" HOLLOW METAL DOOR
- 1 3/4" SOLID CORE WOOD DOOR 1 3/4" WOOD DOOR WITH LITE
- SIZE 3'-0" x 7'-0" x 1 3/4"
- GLASS 1/4" TEMPERED PLATE (SINGLE GLAZE)

THRESHOLD

- CARPET TRANSITION STRIP, C/A602
- ACOUSTIC THRESHOLD, D/A602 METAL THRESHOLD, E/A602

REMARKS

- NEW DOOR, FRAME, AND HARDWARE
- SELECTED NEW HARDWARE AT EXISTING DOOR. SEE HARDWARE GROUP AND SPECIFICATIONS. EXISTING FRAME
- AND HARDWARE TO REMAIN. PREPARE AND PAINT FRAME. REMOVE, SALVAGE, AND REINSTALL EXISTING DOOR, FRAME,
- AND HARDWARE IN NEW LOCATION. PATCH AND PAINT FRAME. NEW DOOR WITH SALVAGED EXISTING HARDWARE IN EXISTING FRAME. PATCH AND PAINT FRAME. NEW SMOKE

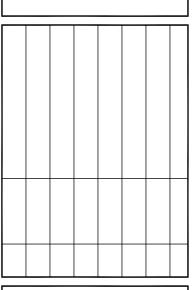
ENERAL NOTES:

GASKETS.

- DUE TO MULTIPLE USE, SOME OF THE DETAILS REFERRED TO ON THE DOOR SCHEDULE ARE REVERSED AND/OR TURNED FROM THE DIRECTION SHOWN ON THE FLOOR PLAN. THE GENERAL INTENT OF DETAILS SHALL IN ALL CASES BE FOLLOWED AND THE ARCHITECT CONSULTED SHOULD QUESTIONS ARISE.
- DOORS TO BE SET TO CLEAR FINISHED FLOOR SURFACE BY 1/2" (CUT EXISTING DOORS WHERE NECESSARY).
- FIELD VERIFY ALL DOOR OPENINGS FOR SIZE OF FRAMES

AND DOORS.

BRADLEY G.
GYGI
No. 6112725



PROJECT NUMBER: 500021625010106 4 DEC 2025

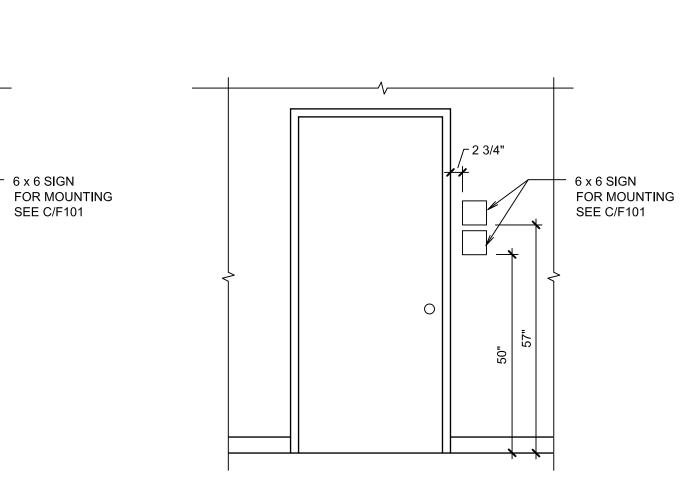
PROPERTY NUMBER: 5000216

BGG BGG SHEET TITLE:

DOOR SCHEDULE AND DETAILS

A602

BUILDIN	NG SIGNAC	SE SCI	HEDL	JLE
SIGNAGE ROOM NA	ME OR NUMBER	QUANTITY	SIZE	MOUNTING
101		1	6x6	A/F101
102		1	6x6	A/F101
103		1	6x6	A/F101
S101		1	6x6	A/F101
RESTROOM 🛱 🖟	WITH BRAILLE	2	6x6	A/F101
RESTROOM 🛱 🖟	WITH BRAILLE	1	6x6	A/F101
CHAPEL		1	6x6	A/F101
SERVING AREA		1	6x6	A/F101
BRANCH PRESIDENT'S OF	FICE	1	6x6	A/F101
CLERK'S OFFICE		1	6x6	A/F101
CLERK'S OFFICE		1	6x6	A/F101
MEMBER CUSTODIAL, FIR	ST AID KIT	1	6x6	A/F101
FAMILYSEARCH (GREEN	SIGN)	1	6x6	A/F101
BAPTISMAL FONT		1	6x6	A/F101
CAUTION: BAPTISMAL FONT ENTRY, PLEASE WATCH YOUR ST		1	6x6	B/F101 MOUNT BELOW THE "BAPTISMAL FONT" SIGN
TO AVOID PROPERTY DAI FLOODING: DO NOT LEAV UNATTENDED WHILE FILL	E FONT	1	3x3	MOUNT ON THE FACE OF THE WALL NEAR THE FONT HOSE BIBB.
THIS ROOM IS FOR WARM AND SERVING FOOD, NOT PREPARING OR COOKING	FOR	1	6X6	MOUNT ABOVE THE BACK SPLASH ON THE WALL TO THE RIGHT OF THE RANG IN THE SERVING AREA.
MAXIMUM OCCUPANCY 1	21	1	6x6	A/F101

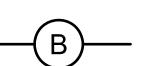


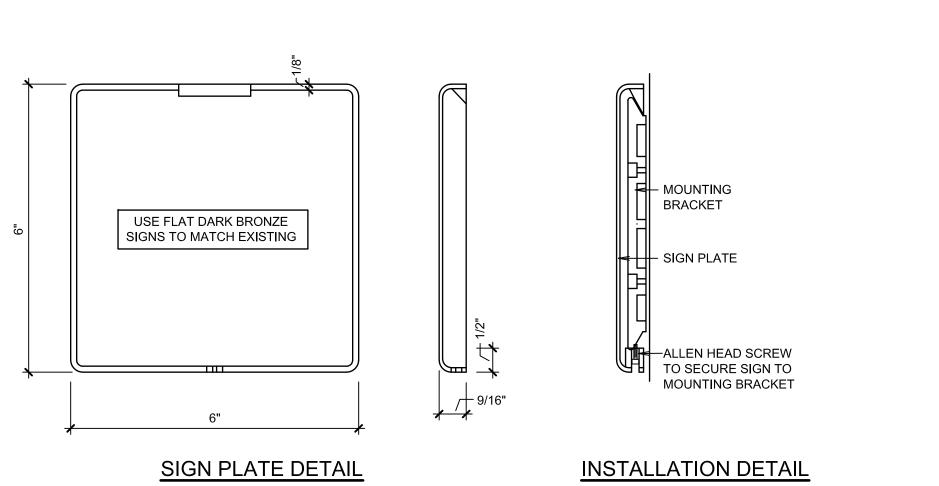
MOLDED SIGN MOUNTING
LOCATION NEXT TO DOOR
SCALE: 1/2" = 1'-0"

SCALE: 6" = 1'-0"

_/-2 3/4"

MOLDED SIGN MOUNTING LOCATION NEXT TO DOOR SCALE: 1/2" = 1'-0"





MOLDED SIGN MOUNTING DETAIL

NG ET ATE	CHAPEL 101
HEAD SCREW URE SIGN TO NG BRACKET	
<u>N DETAIL</u>	24"x36" MEETINGHOUSE ID METAL PAN SIGN
	SIGNAGE LOCATION PLAN

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

THIS ROOM IS FOR WARMING AND SERVING FOOD, NOT FOR PREPARING OR COOKING FOOD

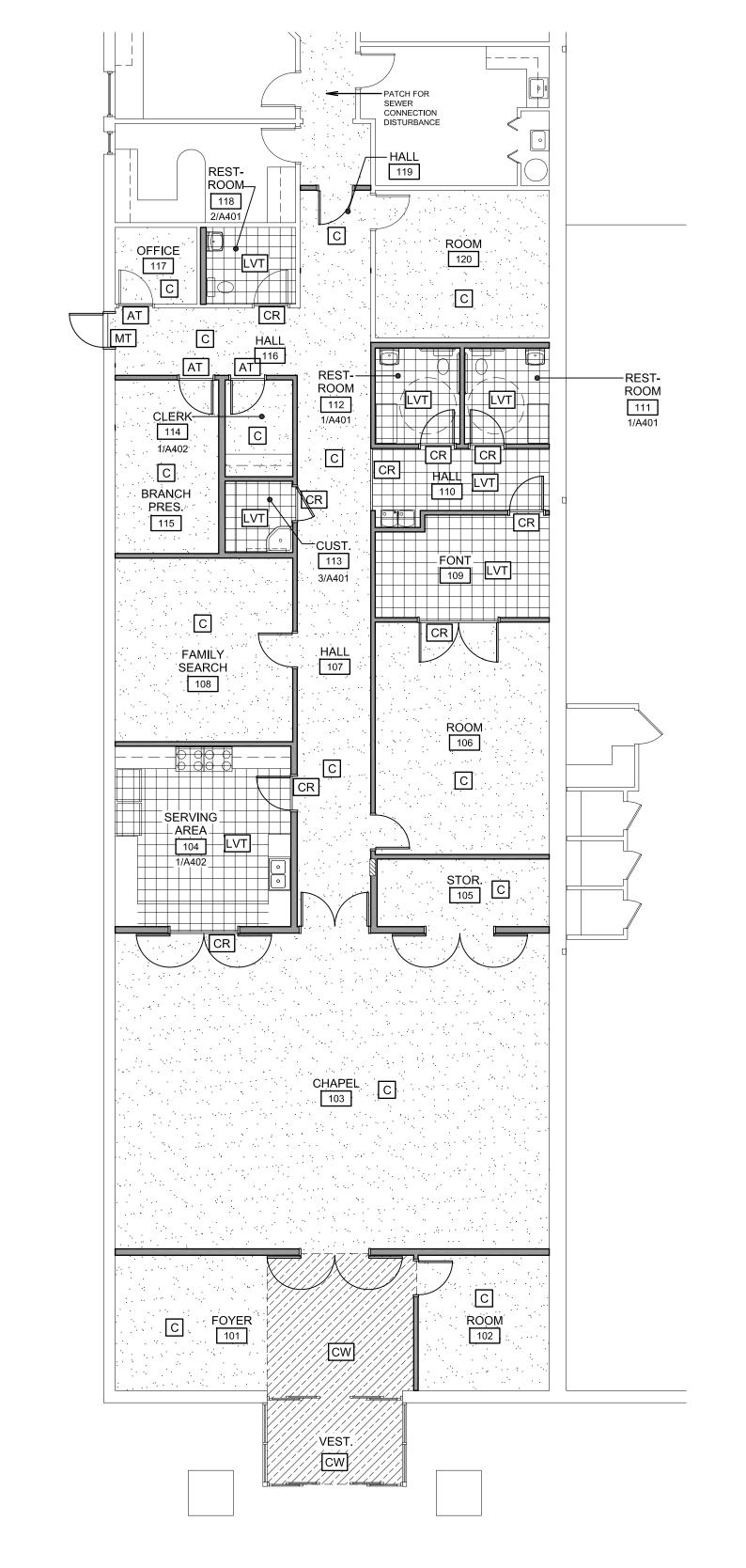
BRANCH
PRESIDENT'S
OFFICE

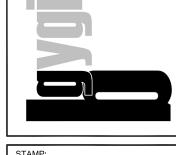
CAUTION:—
BAPTISMAL
FONT ENTRY,
PLEASE
WATCH YOUR
STEP

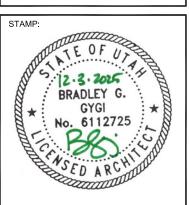
TO AVOID
PROPERTY
DAMAGE FROM
FLOODING: DO
NOT LEAVE
FONT
UNATTENDED
WHILE FILLING

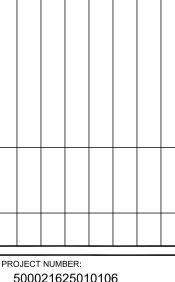
	KEY TO SYMBOLS					
SYMBOL	REMARKS					
С	CARPET (PATCH TO MATCH EXISTING)					
CW	WALK OFF CARPET LUXURY VINYL TILE					
LVT						
E	EXISTING TO REMAIN					
MT	METAL THRESHOLD					
CR	CARPET REDUCER (BY CARPET INSTALLER)					
AT	ACOUSTICAL THRESHOLD					

		D ITEMS.		
FURNISHED BY	ITEM	BRAND	STYLE OR TYPE	COLOR
OWNER	CARPET	SEE DIV. 09 FOR SPECS	TARKETT	JASPER
OWNER	LVT LUXURY VINYL TILE	SEE DIV. 09 FOR SPECS	TARKETT CREATE MEANING	BLENDED 11532
CONTRACTOR	WOOD CABINETS	SEE DIV. 06 FOR SPECS		LDS OAK 95 US26D HARDWARE
CONTRACTOR	SOLID SURFACE COUNTERTOPS	SEE DIV. 06 FOR SPECS		SEE COLOR OPTIONS SECTION 06 6116
CONTRACTOR	WOOD DOORS	SEE DIV. 08 FOR SPECS		LDS OAK 95
CONTRACTOR	FINISH HARDWARE	SEE DIV. 08 FOR SPECS		US26D SATIN CHRON
OWNER	ROOM SIGNAGE	SEE DIV. 10	SEE SHEET F101	BLUE MOLDED SIGNS
OWNER	EXTERIOR SIGNAGE	SEE DIV. 10		METAL PAN SIGN, 24"x36"









PROJECT NUMBER: 500021625010106 4 DEC 2025 PROPERTY NUMBER:

5000216 BGG BGG

FURNISHINGS AND SIGNAGE FLOOR PLANS

F101

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

PLUMBING GENERAL NOTES

- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ITEMS WHICH ARE OBVIOUSLY AND REASONABLY NECESSARY TO COMPLETE THE INSTALLATION.
- 2. THE CONTRACTOR SHALL TAKE OUT PERMITS, PROCURE CERTIFICATES AND PAY FEES CONNECTED THEREWITH.
- 3. BIDDERS SHALL VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS SURROUNDING THE PROJECT PRIOR TO BIDDING.
- 4. THE CONTRACTOR IS REFERRED TO ARCHITECTURAL, STRUCTURAL, ELECTRICAL PLANS AND SPECIFICATIONS. SUCH PLANS AND SPECIFICATIONS ARE CONTRACT DOCUMENTS.
- 5. DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW APPROXIMATE LOCATIONS.
- 6. ALL PLUMBING WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE PREVAILING STATE MECHANICAL/PLUMBING AND BUILDING CODES AS WELL AS ALL REGULATIONS THAT MAY APPLY. IN CASE OF CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND A GOVERNING CODE OR ORDINANCE THE MORE STRINGENT STANDARD SHALL APPLY.
- 7. NO PIPING SHALL RUN EXPOSED IN FINISHED AREAS UNLESS NOTED OTHERWISE.
- 8. RUN-OUT SIZES TO INDIVIDUAL PLUMBING FIXTURES TO BE EQUAL TO ROUGH-IN SIZE NOTED IN THE PLUMBING FIXTURE SCHEDULE.

- 9. PLUMBING/PIPING IS SHOWN SCHEMATICALLY FOR VIEWING PURPOSES ONLY; DURING INSTALLATION FIELD MODIFICATIONS TO ROUTING MAY BE REQUIRED.
- 10. INSTALL ALL REQUIRED CLEANOUTS TO CLEAR EQUIPMENT AND FIXTURES.
- 11. ALL WORK SHALL BE PROPERLY TESTED, BALANCED AND CLEANED AND DISINFECTED. PROVIDE A ONE YEAR WARRANTY FROM DATE OF FINAL INSPECTION ON ALL PARTS AND LABOR.
- 12. TERMINATE PLUMBING VENTS AT A MINIMUM OF 10' FROM ALL AIR HANDLING EQUIPMENT INTAKE VENTS.
- 13. CONTRACTOR SHALL VERIFY LOCAL CODE REQUIREMENTS FOR INDIRECT CONNECTIONS FOR FOOD PREP AREAS. CONNECTIONS SHALL BE PROVIDED WITH A MINIMUM 1" AIR GAP, UNLESS OTHERWISE NOTED.
- 14. PRESSURIZED PIPING SHALL NOT BE RUN IN ANY AREA SUBJECT TO FREEZING.
- 15. PRIOR TO INSTALLING ANY PIPING, VERIFY DEPTH OF CONNECTION POINTS OF GRADE DEPENDENT PIPING AND CONFIRM IN WRITING TO ENGINEER.
- 16. WHERE RATED ASSEMBLIES ARE PENETRATED BY DUCTS, PIPES OR OTHER ITEMS, THE "F" AND "T" RATING SHALL BE MAINTAINED WITH REQUIRED UL LISTED ASSEMBLIES OR SEALANT AS REQUIRED BY THE APPLICABLE CODE OR AUTHORITY HAVING JURISDICTION.

			PLUMBING A	BBREV	IATIONS		
A	COMPRESSED AIR	EWC	ELECTRIC WATER COOLER	IN	INCH	RPBP	REDUCED PRESSURE
AFF	ABOVE FINISHED FLOOR		ENTERING WATER	INV	INVERT	ולו טו	BACKFLOW PREVENTER
ALT	ALTERNATE	-	TEMPERATURE	KW	KILOWATT	S	SINK
ASL	ABOVE SEA LEVEL	F	FIRE SUPPRESION	LAV	LAVATORY		SCHEDULE
AV	ACID VENT		FLOOR CLEANOUT	LB	POUND	SCW	SOFT COLD WATER
AW	ACID WASTE		FLOOR DRAIN	MAX	MAXIMUM	SH	SHOWER
BFF	BELOW FINISHED FLOOR		FLEXIBLE	MBH	THOUSAND BRITISH	SL	SEA LEVEL
BTU	BRITISH THERMAL UNIT		FLOOR		THERMAL UNITS/HOUR	SPEC	SPECIFICATION
CO	CLEANOUT		FLOOR SINK	MECH	MECHANICAL	SQ FT	SQUARE FEET
CO2	CARBON DIOXIDE		FEET		MECHANICAL ROOM	SRD	SECONDARY ROOF DRAIN
	CONTRACTOR		NATURAL GAS	MFR	MANUFACTURER	SS	SERVICE SINK
COTG	CLEANOUT TO GRADE	GA	GAUGE	MIN	MINIMUM	STD	STANDARD
CW	CLOTHES WASHER	GAL	GALLON(S)	MISC	MISCELLANEOUS	TWS	TEMPERED WATER
CW	COLD WATER	GALV	GALVANIZÉD	N	NITROGEN		DOMESTIC
D	DRAIN PIPE	GPM	GALLONS PER MINUTE	NIC	NOT IN CONTRACT	TEMP	TEMPERATURE
DEG F	DEGREE FAHRENHEIT	GW	GREASE WASTE	NO	NITROUS OXIDE	TYP	TYPICAL
DEMO	DEMOLITION		HAMMER ARRESTOR	NTS	NOT TO SCALE	U	URINAL
DET	DETAIL		HOSE BIBB	0	OXYGEN	V	VOLT
DF	DRINKING FOUNTAIN		HEAD	PH	PHASE	VAC	VACUUM
DIA	DIAMETER	HORIZ	HORIZONTAL	PPM	PARTS PER MILLION	VTR	VENT THRU ROOF
DIM	DIMENSION	HP	HORSEPOWER	PRV	PRESSURE REDUCING VALVE	W/	WITH
DIV	DIVISION	H	HOUR	PSI	POUNDS PER SQUARE INCH	W/O	WITHOUT
DMPR	DAMPER	HW	HOT WATER	PW	PROCESS WASTE	WAG	WASTE ANESTHETIC GAS
DN	DOWN	HWR	HOT WATER RETURN	QTY	QUANTITY	WC	WATER CLOSET
DRN	DRAIN	HZ	HERTZ	RD	ROOF DRAIN	WCO	WALL CLEANOUT
DS	DOWNSPOUT	ICW	INDUSTRIAL COLD WATER	REQD	REQUIRED	WH	WATER HEATER
ES	EMERGENCY	IE	INVERT ELEVATION	REV	REVISION		
EW	EMERGENCY EYE WASH	IHW	INDUSTRIAL HOT WATER	RP	RECIRCULATION PUMP		

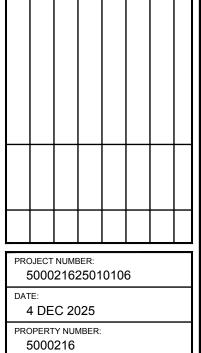
	PLUMBIN	NG LEGEND NOTE: NEW ITEMS SHOWN DA	ARK, EXISTING ITEMS SHOWN LIGHT. AR ON DRAWINGS.
DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
WALL CLEAN OUT	wco I—	DOMESTIC COLD WATER PIPING	
CLEAN OUT	co I	INDUSTRIAL COLD WATER PIPING	IСW
CLEAN OUT TO GRADE	COTG ————	- SOFT COLD WATER PIPING	scw
FLOOR CLEAN OUT	FCO —	- DOMESTIC HOT WATER PIPING	
DROP	——————————————————————————————————————	INDUSTRIAL HOT WATER PIPING	—————————————————————————————————————
RISE		SOFT HOT WATER PIPING	SHW
CAPPED PIPE		DOMESTIC HOT WATER RECIRCULATION PIPING	
PIPE REDUCER		— DOMESTIC TEMPERED WATER	TWS
BALL VALVE	Φ	- VENT PIPING	
GATE VALVE	——————————————————————————————————————	— ACID VENT PIPING	
AUTOMATIC TWO-WAY VALVE	——— 及	— WASTE PIPING (ABOVE GRADE OR FLOOR)	
AUTOMATIC THREE-WAY VALVE	 	— WASTE PIPING (BELOW GRADE OR FLOOR)	
TEMPERING VALVE	TWS —	ACID WASTE PIPING (ABOVE GRADE OR FLOOR)	AW
UNION		ACID WASTE PIPING (BELOW GRADE OR FLOOR)	AW
GAS COCK VALVE		— GREASE WASTE PIPING (ABOVE GRADE OR FLOOR)	GW
PRESSURE REGULATOR	<u></u>	GREASE WASTE PIPING (BELOW GRADE OR FLOOR)	
STRAINER	- EE	PROCESS WASTE PIPING (ABOVE GRADE OR FLOOR)	PW
HAMMER ARRESTOR		PROCESS WASTE PIPING (BELOW GRADE OR FLOOR)	PW
CHECK VALVE		— ROOF DRAIN PIPING (ABOVE GRADE OR FLOOR)	RD-
CIRCUIT SETTER		ROOF DRAIN PIPING (BELOW GRADE OR FLOOR)	
BUTTERFLY VALVE	<u> </u>	— SECONDARY ROOF DRAIN PIPING	SRD
BACKFLOW PREVENTOR	0	— NATURAL GAS PIPING	
RELIEF VALVE	D -	LIQUID PROPANE GAS	LPG
MANUAL AIR VENT	,	COMPRESSED AIR PIPING	А
THERMOMETER		CARBON DIOXIDE PIPING	C02
FLEXIBLE PIPING		— NITROGEN PIPING	N
INLINE PUMP	<u> </u>	NITROUS OXIDE PIPING	NO
		OXYGEN PIPING	0
DIRECTION OF SLOPE		VACUUM PIPING	VAC
FLOW DIRECTION		WASTE ANESTHETIC GAS PIPING	WAG
ACCESS DOOR		DEIONIZED WATER PIPING	DIW
		DRAIN PIPING	D
FLOW METER	FM	FIRE SPRINKLER PIPING	F
WATER METER	⟨w⟩	KEYED NOTE	(#)
DEVICE IN DROP	₹	PLUMBING FIXTURE CALLOUT	P-??)
SECTION LETTER SHEET NUMBER	TOP	DETAIL NUMBER SHEET DETAIL APPEARS	X S#
ROOM NAME ROOM NUMBER	ROOM NO	EQUIPMENT CALLOUT	X-#
REVISION DELTA	A	LARGE SCALE NUMBER SHEET LARGE SCALE APPEARS	#
NEW CONNECTION	lacksquare	OHEEL EXICOLOGNEE MITEMAN	





TRANSITIONAL BRANCH
EAT SALT LAKE UTAH DISTRI
435 NORTH WALL AVE.
HARRISVILLE, UT

THE CHURCH OF ESUS CHURCH OF OF LATTER-DAY SAINTS



DRAWN BY: CHECKED

SHEET TITLE:

PLUMBING

LEGEND AND GENERAL NOTES

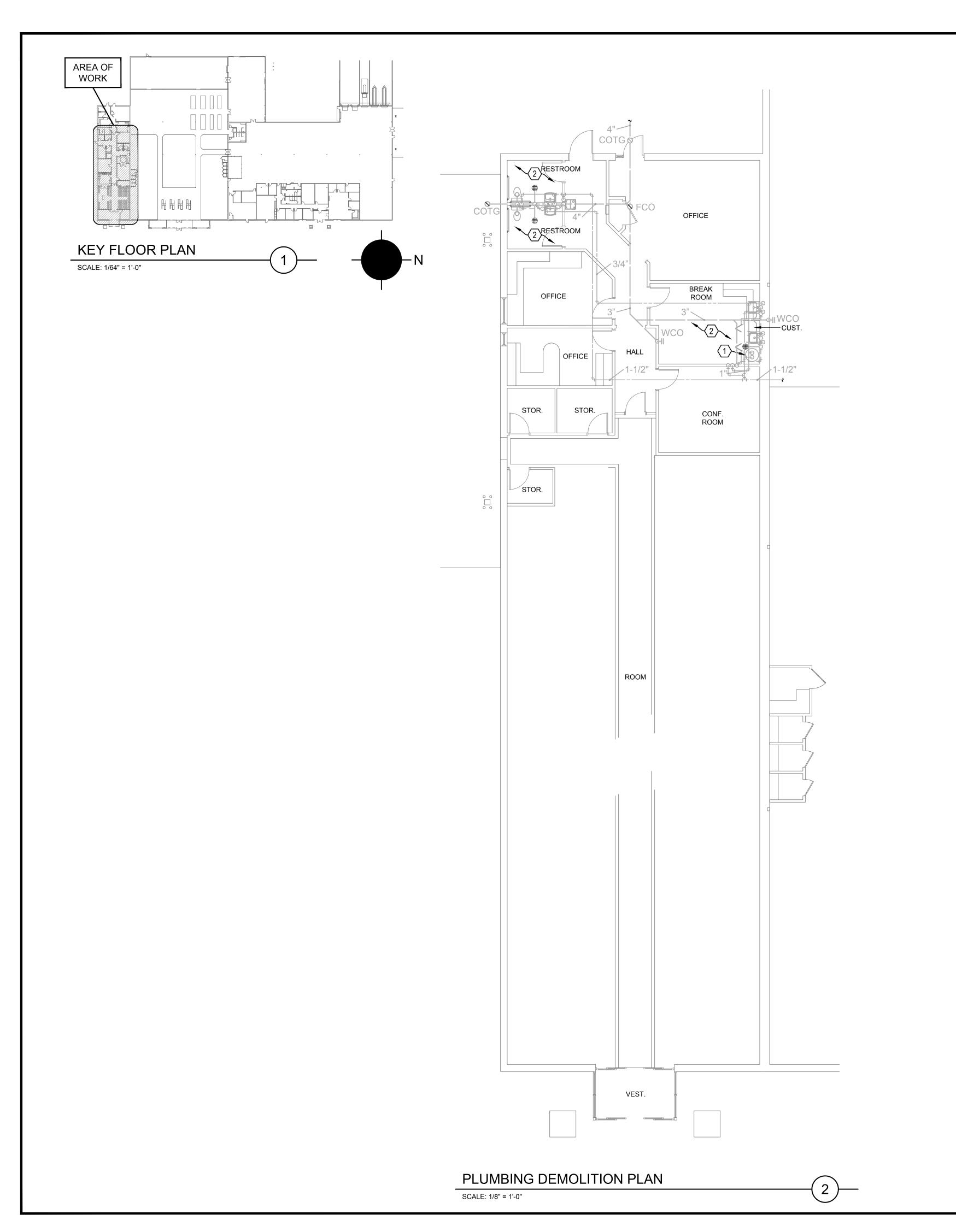
|| P001

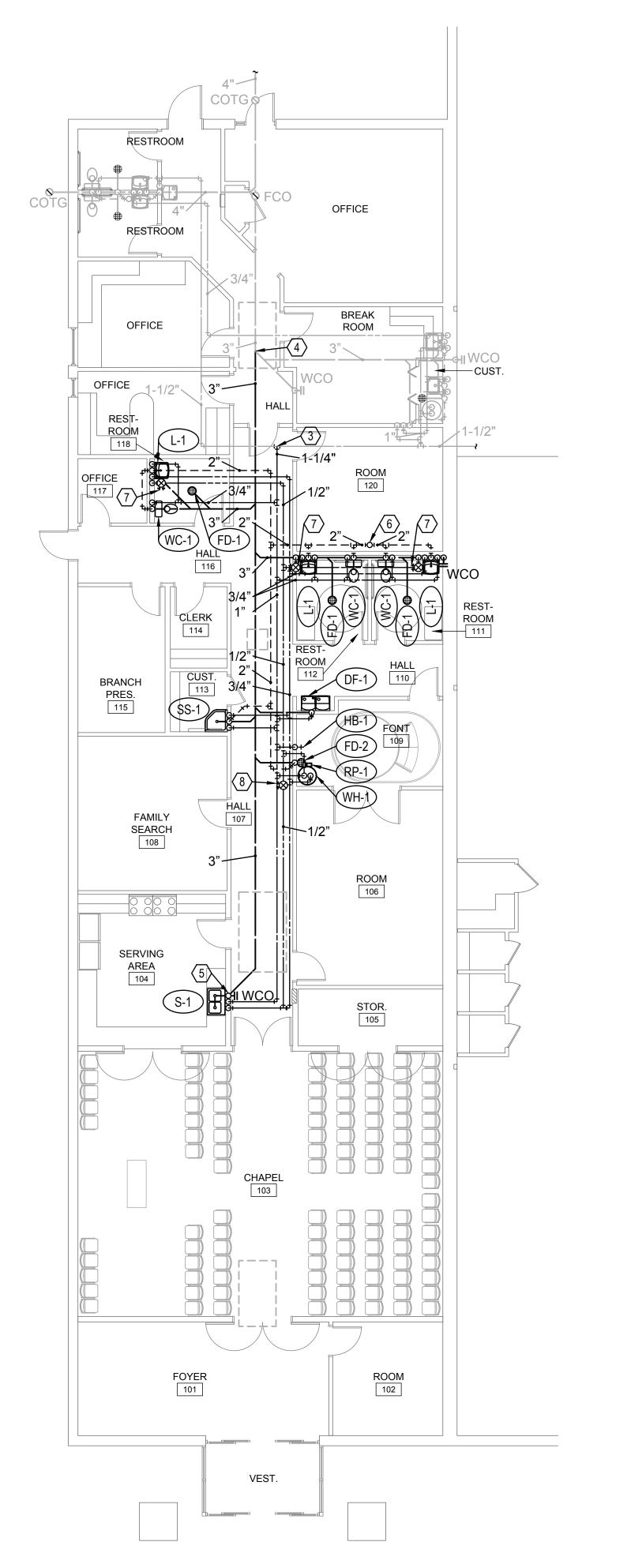
DAVID L. JENSEN & ASSOCIATES

MECHANICAL ENGINEERS

547 WEST 500 SOUTH SUITE #140

BOUNTIFUL, UTAH 84010
PHONE: (801) 294-9299





(#) KEYED NOTES FOR SHEET P101

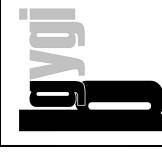
- 1 EXISTING WATER HEATER TO REMAIN.
- 2 EXISTING PLUMBING FIXTURES TO REMAIN.
- 3 CONNECT NEW CW PIPE TO EXISTING. FIELD VERIFY SIZE
- AND LOCATION.

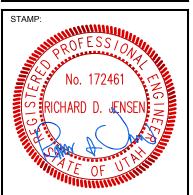
 4 CONNECT NEW WASTE PIPE TO EXISTING. FIELD VERIFY SIZE, LOCATION, AND DEPTH. FOLLOWING CONSTRUCTION PERFROM A CAMERA INSPECTION FROM
- CONSTRUCTION, AND DEPTH. FOLLOWING
 CONSTRUCTION PERFROM A CAMERA INSPECTION FROM
 THE NEW CONNECTION TO A POINT OUTSIDE THE
 BUILDING.
- 5 1-1/2" VTR.
- 6 3" VTR.
- 7 BALANCE VALVE SET TO 0.5 GPM.
- 8 BALANCE VALVE SET TO 1 GPM.

. . .

ley gygi arch sociates, pllc

S **3850C**



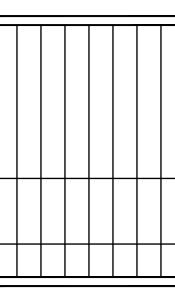


HARRISVILLE UT TRANSITIONAL BRANCH EAT SALT LAKE UTAH DISTRI 435 NORTH WALL AVE. HARRISVILLE, UT

THE CHURCH OF

JESUS CHRIST

OF LATTER-DAY SAINTS



PROJECT NUMBER: 500021625010106 DATE: 4 DEC 2025

PROPERTY NUMBER:
5000216

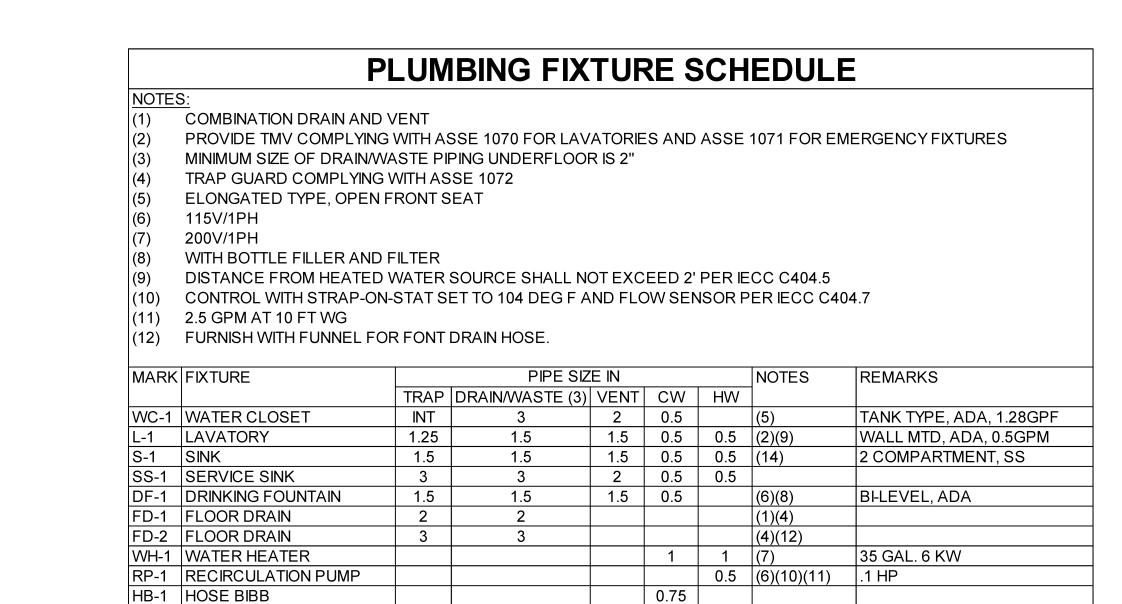
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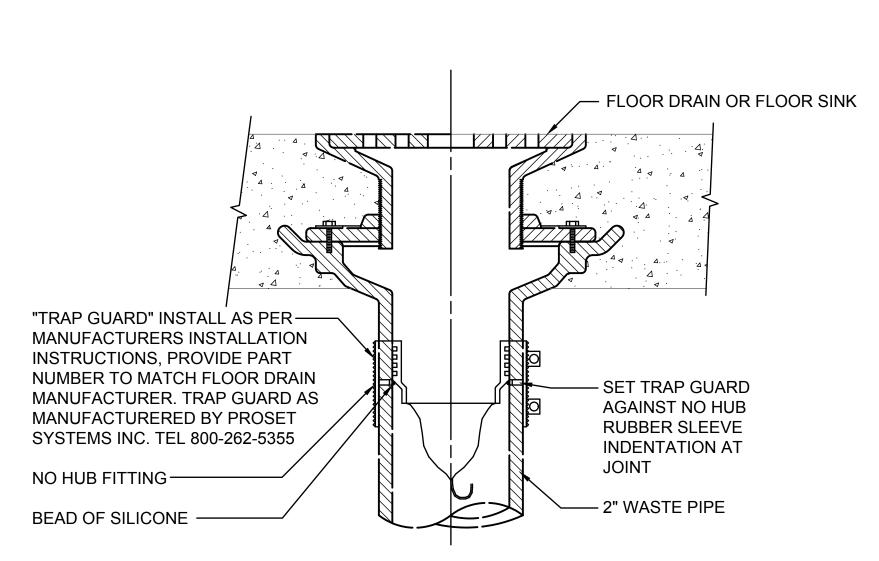
SHEET TITLE:
PLUMBING

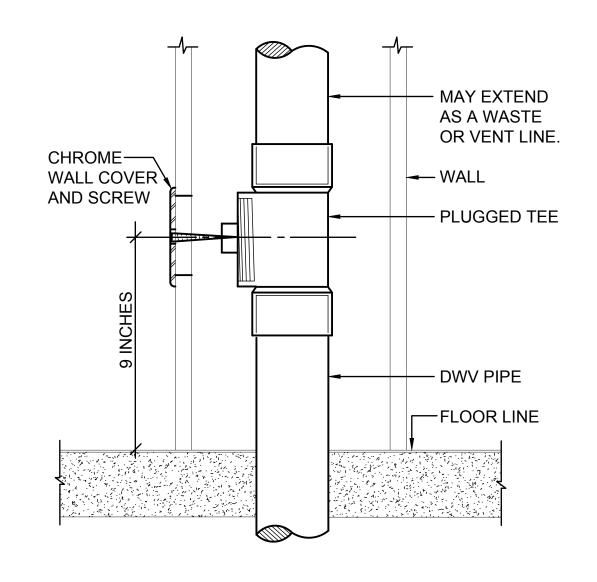
PLANS

DAVID L. JENSEN & ASSOCIATES

MECHANICAL ENGINEERS
547 WEST 500 SOUTH SUITE #140
BOUNTIFUL, UTAH 84010
PHONE: (801) 294-9299

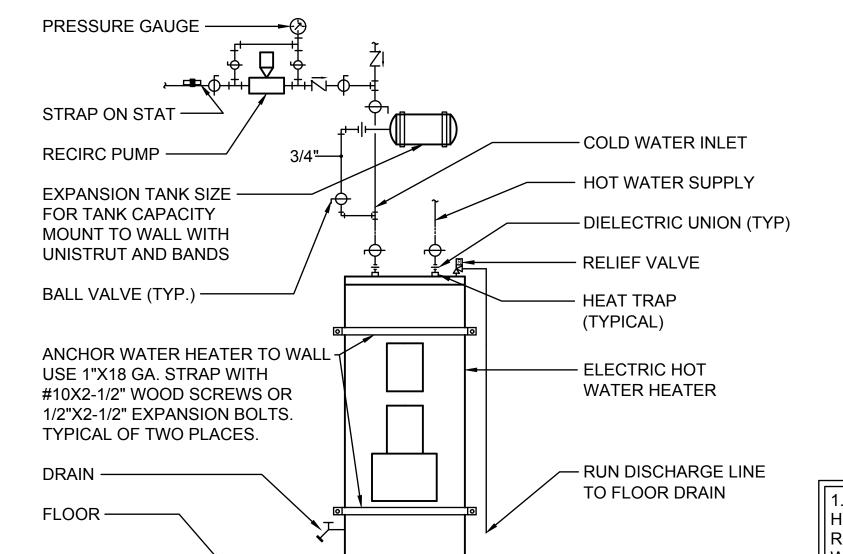


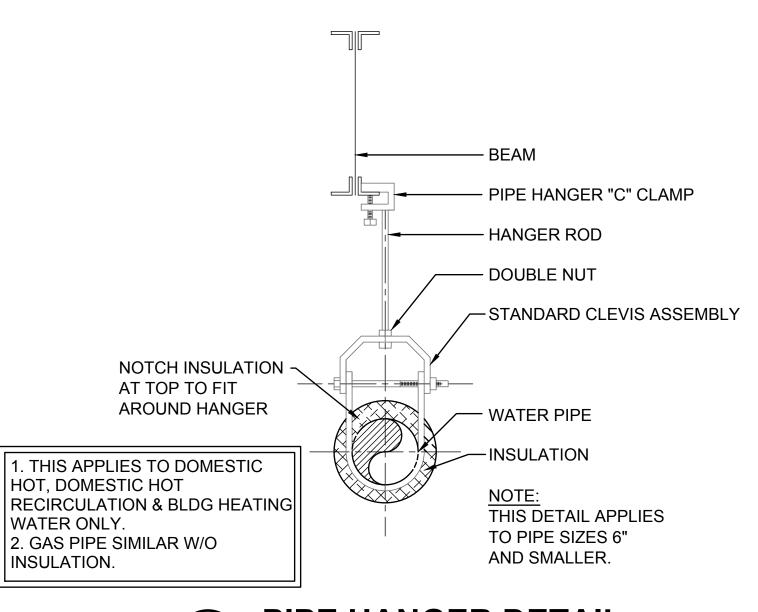




WALL CLEANOUT DETAIL



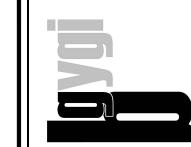


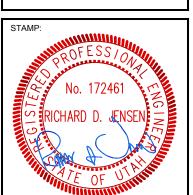






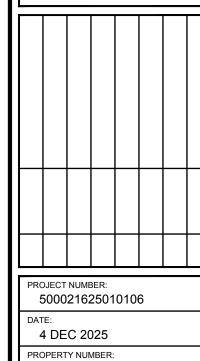
bradley gygi architect E associates, pllc PO BOX 521048 | Salt Lake City, UT 8415





HARRISVILLE UT TRANSITIONAL BRANCH GREAT SALT LAKE UTAH DISTRIC 435 NORTH WALL AVE. HARRISVILLE, UT

JESUS CHRIST OF LATTER-DAY SAINTS



DATE:
4 DEC 2025
PROPERTY NUMBER:
5000216

DRAWN BY: CHECKED:

PLUMBING
DETAILS &
SCHEDULES

P501

HVAC GENERAL NOTES

- 1. CONTRACTOR SHALL FURNISH AND INSTALL ALL ITEMS WHICH ARE OBVIOUSLY AND REASONABLY NECESSARY TO COMPLETE THE INSTALLATION.
- 2. THE CONTRACTOR SHALL TAKE OUT PERMITS, PROCURE CERTIFICATES AND PAY FEES CONNECTED THEREWITH.
- 3. BIDDERS SHALL VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS SURROUNDING THE PROJECT PRIOR TO BIDDING.
- 4. THE CONTRACTOR IS REFERRED TO ARCHITECTURAL, STRUCTURAL, ELECTRICAL PLANS AND SPECIFICATIONS. SUCH PLANS AND SPECIFICATIONS ARE CONTRACT DOCUMENTS.
- 5. DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW APPROXIMATE LOCATIONS.
- 6. ALL MECHANICAL HVAC WORK SHALL BE PREFORMED IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE PREVAILING STATE MECHANICAL/PLUMBING AND BUILDING CODES AS WELL AS ALL REGULATIONS THAT MAY APPLY. IN CASE OF CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND A GOVERNING CODE OR ORDINANCE THE MORE STRINGENT SHALL APPLY.
- 7. DIFFUSER RUN OUTS SHALL BE THE SAME AS LISTED DIFFUSER NECK SIZE, UNLESS OTHERWISE NOTED.

- 8. COORDINATE EXACT LOCATION OF AIR DISTRIBUTION DEVICES WITH CEILING GRID AND LIGHT FIXTURE LAYOUT.
- 9. ALL RECTANGULAR SUPPLY DUCT ELBOWS SHALL HAVE TURNING VANES.
- 10. RECTANGULAR DUCT SIZES SHOWN INDICATE REQUIRED AIRFLOW SIZES. SHEETMETAL CONTRACTOR SHALL INCREASE SIZES TO ALLOW FOR LINER.
- 11. NO DUCTWORK SHALL BE FABRICATED WITHOUT FIRST FIELD VERIFYING THAT THE AVAILABLE SPACE UNDER ACTUAL JOB CONDITIONS WILL PERMIT INSTALLATION OF THE DUCTWORK WITHOUT STRUCTURAL OR OTHER CONFLICTS. DUCT SIZES THAT REQUIRE ON THE JOB MODIFICATION DUE TO UNFORESEEN OBSTRUCTIONS SHALL BE MADE WITHOUT ANY ADDITIONAL COST TO THE OWNER.
- 12. MAINTAIN A 10'-0" BETWEEN OUTSIDE AIR INTAKES AND PLUMBING/EXHAUST VENTS.
- 13. WHERE RATED ASSEMBLIES ARE PENETRATED BY DUCTS, PIPES OR OTHER ITEMS, THE "F" AND "T" RATING SHALL BE MAINTAINED WITH REQUIRED UL LISTED ASSEMBLIES OR SEALANTS AS REQUIRED BY THE APPLICABLE CODE OR AUTHORITY HAVING JURISDICTION.

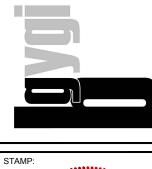
			MECHANICAL AI	BRE'	VIATIONS		
AD	ACCESS DOOR	DEG	DEGREE FAHRENHEIT	HPS	HIGH PRESSURE STEAM	PD	PRESSURE DROP
AFF	ABOVE FINISHED FLOOR	DEMO	DEMOLITION	HR	HOUR	PERF	PERFORATE(D)
AHU	AIR HANDLING UNIT	DET	DETAIL	HTG	HEATING	PH	PHASE
Al	ANALOG INPUT	DH	DUCT HEATER	HVAC	HEATING, VENTILATING & AIR	PLUM	PLUMBING
	ALTERNATE	DI	DIGITAL INPUT	1	CONDITIONING	PPM	PARTS PER MILLION
AMB	ANBIENT	DIA	DIAMETER	HW	HOT WATER	PRV	PRESSURE REDUCING VALVE
AMP	AMPERE	DIM	DIMENSION	HWR	HOT WATER HEATING	PSI	POUNDS PER SQUARE INCH
ANSI	AMERICAN NATIONAL STANDARDS	DIV	DIVISION		RETURN	RA	RETURN AIR
	INSTITUTE	DMPR	DAMPER	HWS	HOT WATER HEATING	RAD	RADIATED
AO	ANALOG OUTPUT	DO	DIGITAL OUTPUT	1	SUPPLY	RCP	RECIRCULATION PUMP
APD	AIR PRESSURE DROP	DRN	DRAIN	HZ	HERTZ	REF	ROOFTOP EXHAUST FAN
APPROX	APPROXIMATE	DS	DOWNSPOUT	IN	INCHES	REQD	REQUIRED
ASME	AMERICAN SOCIETY OF	EA	EXHAUST AIR	INWC	INCHES OF WATER COLUMN	REV	REVISION
	MECHANICAL ENGINEERS	EF	EXHAUST FAN	INWG	INCHES OF WATER GAUGE	RH	RELATIVE HUMIDITY
ASL	ABOVE SEA LEVEL	EFF	EFFICENCY	IU	INDOOR UNIT	RL	REFRIGERANT LIQUID
AVG	AVERAGE	EQ	EQUAL	KW	KILOWATT	RPBP	REDUCED PRESSURE
В	BOILER	EQUIP	EQUIPMENT	LAT	LEAVING AIR TEMPERATURE		BACKFLOW PREVENTER
	BOTTOM OF DUCT	ERV	ENERGY RECOVERY	LB	POUND	RPM	REVOLUTIONS PER MINUTE
	BOTTOM OF PIPE	1	VENTILATION	LPC	LOW PRESSURE	RS	REFRIGERANT SUCTION
	BRITISH THERMAL UNIT	ESP	EXTERNAL STATIC PRESSURE	1	CONDENSATE	SA	SUPPLY AIR
	BTU PER HOUR	ET	EXPANSION TANK	LPS	LOW PRESSURE STEAM	SCHED	SCHEDULE
С	COMMON	EWT	ENTERING WATER	LWT	LEAVING WATER	SEN	SENSIBLE
С	CONVECTOR	1	TEMPERATURE		TEMPERATURE	SL	SEA LEVEL
CA	COMBUSTION AIR	EXH	EXHAUST	MAU	MAKEUP AIR UNIT	SPEC	SPECIFICATION
CAP	CAPACITY	EXT	EXISTING	MAX	MAXIMUM	SSHP	SPLIT SYSTEM HEAT PUMP
CC	COOLING COIL	F	FAHRENHEIT	MBH	THOUSAND BRITISH	STD	STANDARD
CEF	CEILING MTD EXHAUST FAN	F	FURNACE	1	THERMAL UNITS/HOUR	TEMP	TEMPERATURE
CFM	CUBIC FEET PER MINUTE	FCU	FAN COIL UNIT	MECH	MECHANICAL	TSP	TOTAL STATIC PRESSURE
CHWR	CHILLED WATER RETURN	FLR	FLOOR	MECH RM	MECHANICAL ROOM	TSTAT	THERMOSTAT
CHWS	CHILLED WATER SUPPLY	FLEX	FLEXIBLE	MFR	MANUFACTURER	TW	TEMPERED WATER
CO2	CARBON DIOXIDE	FO	FLAT OVAL	MIN	MINIMUM	TYP	TYPICAL
COMB	COMBUSTION	FPM	FEET PER MINUTE	MISC	MISCELLANEOUS	UH	UNIT HEATER
CONTR	CONTRACTOR	FPVAV	FAN POWERED VAV	MTD	MOUNTED	V	VOLT
CU	CONDENSING UNIT	FT	FEET	NC	NOISE CRITERIA	VAV	VARIABLE AIR VOLUME
CU FT	CUBIC FEET	GALV	GALVANIZED	NC	NORMALLY CLOSED	VD	VOLUME DAMPER
CU YD	CUBIC YARDS	GPM	GALLONS PER MINUTE	NIC	NOT IN CONTRACT	VERT	VERTICAL
CUH	CABINET UNIT HEATER	GHR	GLYCOL HEATING RETURN	NOM	NOMINAL	VFD	VARIABLE FREQUENCY DRIVE
CV	CONSTANT VOLUME	GHS	GLYCOL HEATING SUPPLY	NTS	NOT TO SCALE	VOL	VOLUME DAMPER
CW	COLD WATER	Н	FUME HOOD	OA	OUTSIDE AIR	W/	WITH
CWR	CONDENSOR WATER RETURN	HORIZ	HORIZANTAL	OBD	OPPOSED BLADE DAMPER	W/O	WITHOUT
CWS	CONDENSOR WATER SUPPLY	HP	HIGH PRESSURE	OU	OUTDOOR UNIT	WB	WET BULB
DB	DRY BULB	HP	HORSEPOWER	1 _Р	PUMP	WPD	WATER PRESSURE DROP
	DIXT BOLD	1 11	THOROLI OVER	<u> ' </u>	I Olvii		WATER TREGOORE DITO

		MECHAI	NICAL LEGEND NOT	E: NEW ITEMS SHOWN DA	ARK, EXISTING ITEMS SHOWN LIGHT. PPEAR ON DRAWINGS.
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
呂	AUTOMATIC 2-WAY VALVE	——————————————————————————————————————	UNION	─	BRANCH DUCT TAKE-OFF WITH MANUAL DAMPER
	AUTOMATIC 3-WAY VALVE	***	VENTURI		
<u> </u>	AUTOMATIC BALL FLOAT VENT	WFS	WATER FLOW SWITCH		DUCT FLEXIBLE CONNECTION
Ф	BALL VALVE	CWS	CONDENSER WATER SUPPLY		TURNING VANES
─	CAPPED END W/BALL VALVE	CWR	CONDENSER WATER RETURN		
ightharpoonup	CHECK VALVE	CHWS	CHILLED WATER SUPPLY		DUCT TEE CONNECTION
$\stackrel{\bullet}{\otimes}$	COMBINATION BALANCING VALVE/ SHUTOFF	CHWR	CHILLED WATER RETURN		DUCT TRANSITION
₹	DEVICE IN DROP	——————————————————————————————————————	HOT WATER HTG. SUPPLY		SQUARE TO ROUND DUCT TRANSITION
4	DIRECTION OF SLOPE	HWR	HOT WATER HTG. RETURN		AUTOMATIC DAMPER
<u> </u>	FLANGED BUTTERFLY VALVE	———HPS———	HIGH PRESSURE STEAM PIPING		VOLUME DAMPER
	FLANGED ECCENTRIC REDUCER	——LPS——	LOW PRESSURE STEAM PIPING	BD	BACK-DRAFT DAMPER
	FLANGED UNION	LPC	LOW PRESSURE CONDENSATE PIPING		DUCT ACCESS DOOR
	FLEXIBLE CONNECTION	——GHS——	GLYCOL HEATING SUPPLY PIPING		RETURN AIR, RISE AND DROP
	FLOW DIRECTION	GHR	GLYCOL HEATING RETURN PIPING		SUPPLY AIR, RISE AND DROP
(FM)	FLOW METER	—— RL ——	REFRIGERANT PIPING - LIQUID		OUTSIDE AIR, RISE AND DROP
×	GATE VALVE	—— RS ——	REFRIGERANT PIPING - SUCTION		RELIEF AIR, RISE AND DROP
Ā	GLOBE VALVE	D	CONDENSATE DRAIN PIPING		COMBUSTION AIR, RISE AND DROP
T	IMMERSION WELL		REFRIGERANT SHUT-OFF VALVE		ROUND DUCT, RISE AND DROP FLAT OVAL DUCT, RISE AND DROP
<u>B</u> B	INLINE PUMP		EXPANSION VALVE	2 FO	FLAT OVAL DUCT
	MANUAL VENT WITH BALL VALVE		MOISTURE INDICATING SIGHT GLASS	FSD FSD	FIRE DAMPER
 古	P & T PLUG IN IMMERSION WELL		FLEXIBLE CONNECTION	8	FIRE SMOKE DAMPER FLEXIBLE DUCT
	PIPE DROP	(F)	FILTER DRIER	X-#	AIR DEVICE
101	PIPE INLINE DROP		PIPE SUPPORT	X-# #	AIR DEVICE CFM
+0+	PIPE INLINE RISE		EXTERIOR PIPE SUPPORT	(#)	KEYED NOTE
+0	PIPE RISER		EXTERIOR PIPE SUPPORT	X-#	EQUIPMENT CALLOUT
兔	PNEUMATIC 2-WAY VALVE		DIRECTION OF SLOPE DOWN	X S#	DETAIL NUMBER SHEET DETAIL APPEARS
\bigcirc	PRESSURE GUAGE	s	SUCTION LINE	#	LARGE SCALE NUMBER
	PRESSURE GAGE W/BALL VALVE		LIQUID LINE	S#	SHEET LARGE SCALE APPEARS
	RELIEF VALVE		TRAP. ONE PIECE FACTORY FABRICATED	1	AIR FLOW DIRECTION
<u> </u>	SCREWED CONCENTRIC REDUCER	①	THERMOSTAT	TOP	SECTION LETTER
	STEAM TRAP	S	SENSOR	BOT	SHEET NUMBER
	STRAINER	CO2	CO2 SENSOR	ROOM NO	ROOM NAME ROOM NUMBER
# # 	THERMOMETER	①	J-BOX		ACCESS DOOR
	THREADED HOSE CONNECTION	•	NEW CONNECTION	<u></u>	REVISION DELTA



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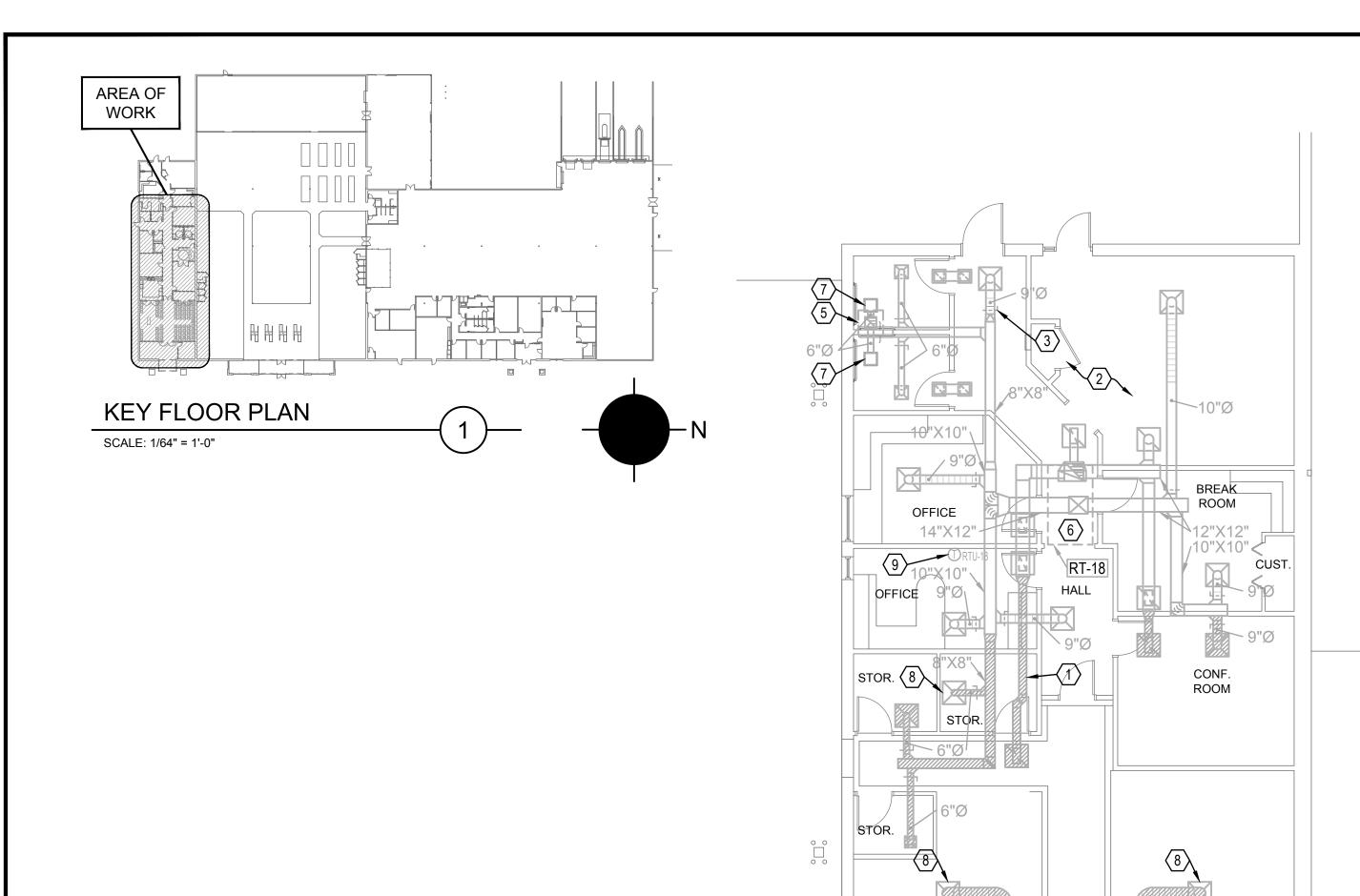
TRANSITIONAL BRANCH
EAT SALT LAKE UTAH DISTRI
435 NORTH WALL AVE.
HARRISVILLE, UT

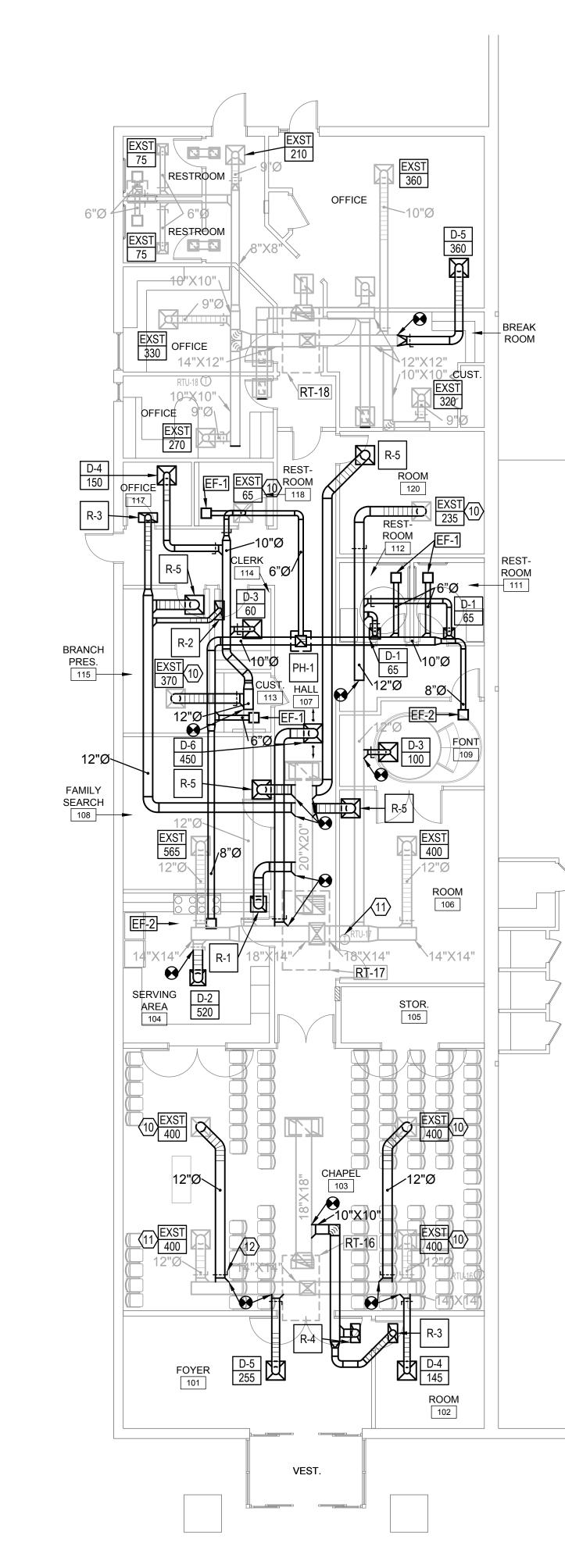
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

	DJECT			010	6	
DAT	E: 1 DE	C 20)25			
	DPERT 5000		MBER:			

MECHANICAL LEGEND AND GENERAL NOTES

M001





(#) KEYED NOTES FOR SHEET M101

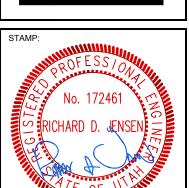
- 1 REMOVE EXISTING DIFFUSERS/GRILLES/DUCTWORK, ETC SHOWN HATCHED (TYP).
- 2 SHOWN IS EXISTING/ ESTIMATED FROM RECORD DRAWINGS. FIELD VERIFY (TYP).
- 3 VERIFY THAT ALL DIFFUSERS HAVE A MEANS FOR BALANCING AND PROVIDE DAMPERS AS NECESSARY. PROVIDE MEANS FOR REMOTE ADJUSTMENT IN AREAS WHERE INACCESSIBLE (TYP).
- 4 RELOCATE EXISTING WALL MODEULE.
- 5 EXISTING PENTHOUSE (ROOF) TO REMAIN.
- 6 EXISTING ROOFTOP UNIT TO REMAIN.
- 7 EXISTING EXHAUST FAN TO REMAIN.
- 8 EXISTING DIFFUSER TO BE RELOCATED.
- 9 EXISTING WALL MODULE TO REMAIN.
- 10 NEW LOCATION OF RELOCATED DIFFUSER. CONNECT TO NEW DUCT RUNOUT OF SAME SIZE AS EXISTING.
- 11 NEW LOCATION OF RELOCATED WALL MODULE.
- 12 BALANCE DAMPER (TYP).



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NSITIONAL BRANCH ALT LAKE UTAH DISTRICT 35 NORTH WALL AVE. HARRISVILLE, UT

THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

PROJECT NUMBER:

PROJECT NUMBER: 500021625010106

DATE: 4 DEC 2025

PROPERTY NUMBER:

PROPERTY NUMBER:
5000216

DRAWN BY: CHECKED:

MECHANICAL PLANS

M101

DAVID L. JENSEN & ASSOCIATES

MECHANICAL ENGINEERS
547 WEST 500 SOUTH SUITE #140
BOUNTIFUL, UTAH 84010
PHONE: (801) 294-9299

MECHANICAL REMODEL PLAN

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

MECHANICAL DEMOLITION PLAN

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

ROOM

18"X14" 6

VEST.

12"Ø

12"Ø

12"Ø\

14"X14"/

/12"Ø

18"X14"

/12"Ø

/12"Ø

1'-0"

				TRAN	ISVERSE RE	EINFORCING INTS	(1)
DIMENSION OF LONGEST SIDE, INCHES	SHEET METAL GAUGE (ALL FOUR SIDES)	MINIMUM REINFORCING ANGLE SIZE AND MAXIMUM LONGITUDINAL SPACING BETWEEN TRANSVERSE	MIN. H. IN.	DRIVE SLIP SLIP PLAIN S SLIP	HEMMED S SLIP	ALTER'NT BAR SLIP	REIN- FORCED BAR SLIP
		JOINTS &/OR INTERMEDIATE REINFORCING		RECOM- MENDED GAUGE	RECOM- MENDED GAUGE	RECOM- MENDED GAUGE	RECOM- MENDED GAUGE
UP THRU 12	26	NONE REQUIRED	1	26	26	24	24
13 - 18	24	NONE REQUIRED	1	24	24	24	24
19 - 30	24	1"X1"X1/8" @ 60 IN (3)	1	-	24	24	24
31 - 36	22	1"X1"X1/8" @ 60 IN (3)	1	-	-	22	22

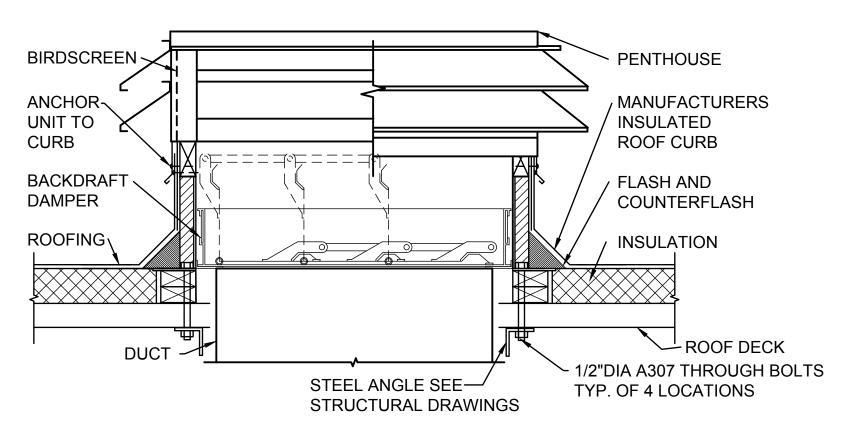
- (1) TRANSVERSE REINFORCING SIZE IS DETERMINED BY DIMENSION OF SIDE TO WHICH ANGLE IS APPLICABLE
- (2) LONGITUDINAL JOINTS TO BE PITTSBURGH OR SNAP LOCK TYPE.
- (3) IF BAR SLIP OR REINFORCED BAR SLIP JOINTS ARE USED, ANGLE IRON REINFORCING SHALL NOT BE REQUIRED.

DUCT CONSTRUCTION DETAIL

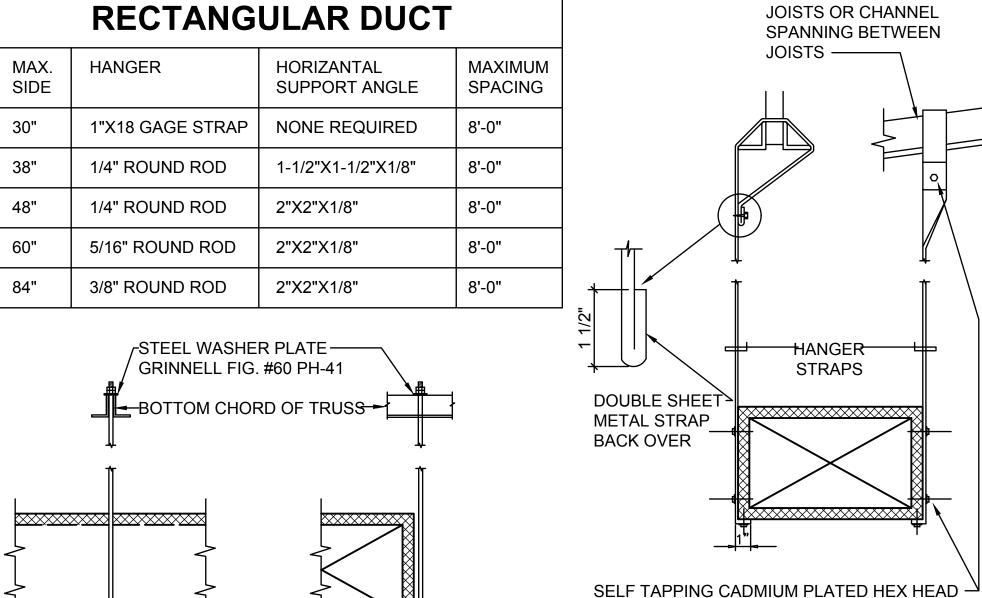
PROVIDE CONCEALED —

CEILING DAMPER

REGULATOR

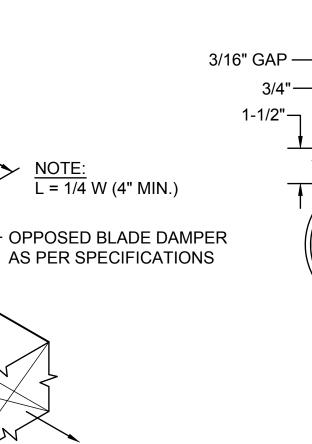


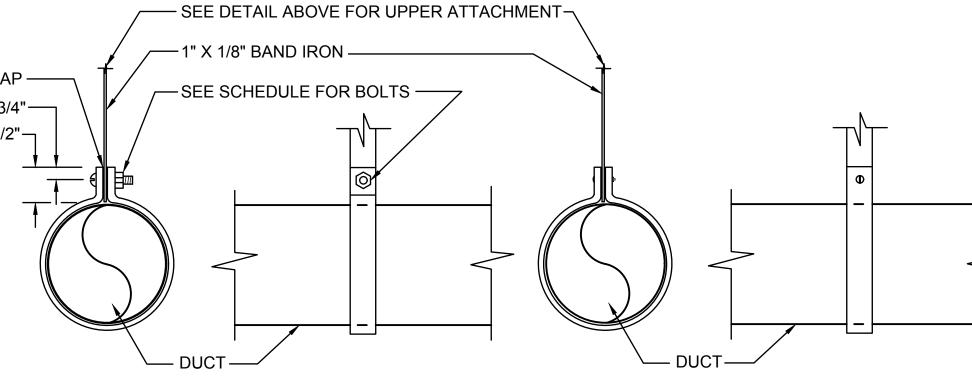
EXHAUST PENTHOUSE DETAIL



HANGER SIZES FOR

		DUCT LO			E	
DUCT DIAMETER	MIN. HANGER SIZE GALV. STEEL STRAP	RECOMMENDED SPACING	NO. OF HANGERS	HANGERS RING SIZE	BOLT SIZE	SHEET METAL SCREW SIZE
UP TO 18"	1" X 1/8"	10 FT.	1	1 X 16 GA.	N/A	3/8"
19" TO 24"	1" X 1/8"	10 FT.	1	1" X 1/8"	N/A	3/8"
25" TO 36"	1" X 1/8"	10 FT.	1	1" X 1/8"	1/2"	N/A
37" TO 50"	1" X 1/8"	10 FT.	1	1" X 1/8"	1/2"	N/A



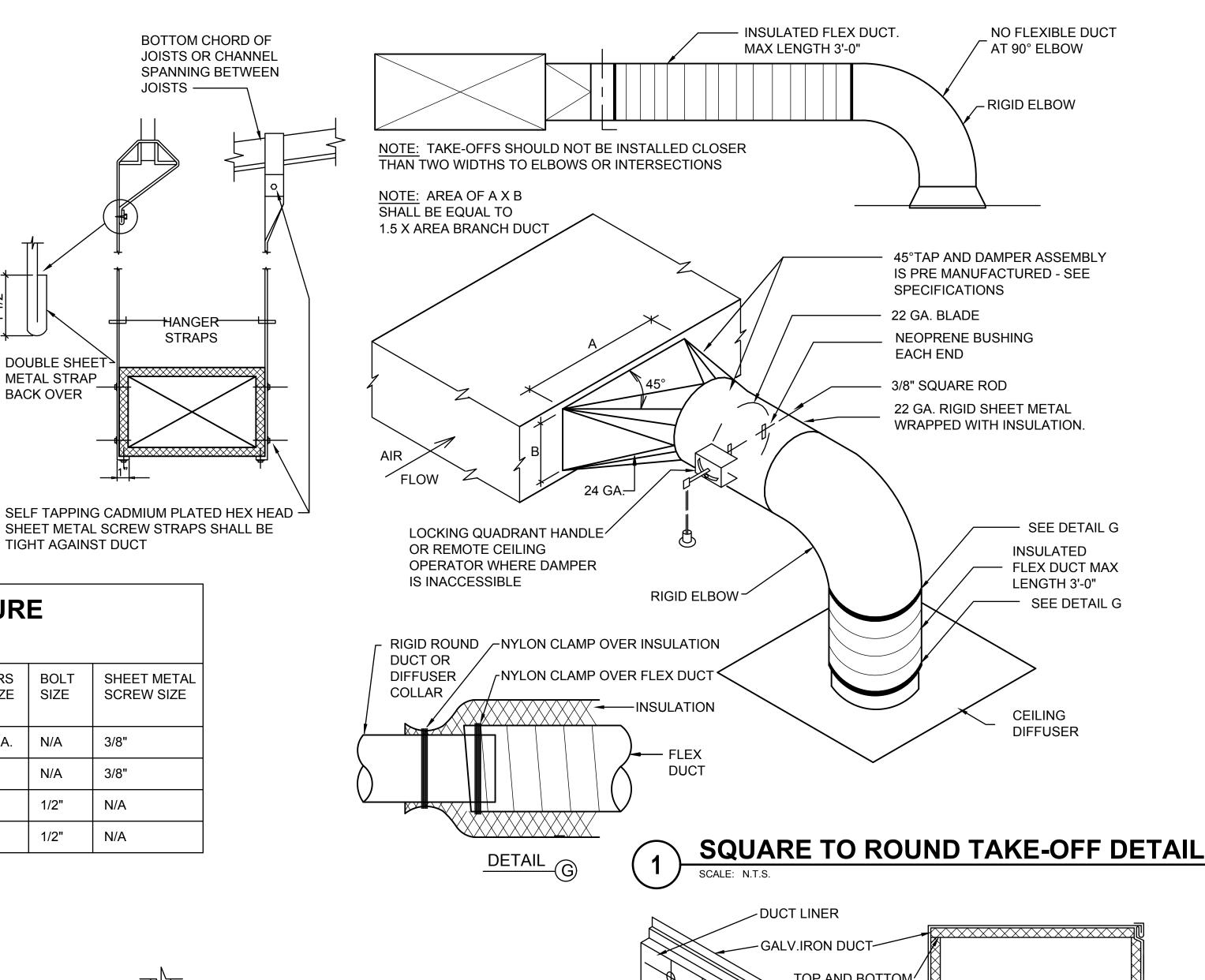


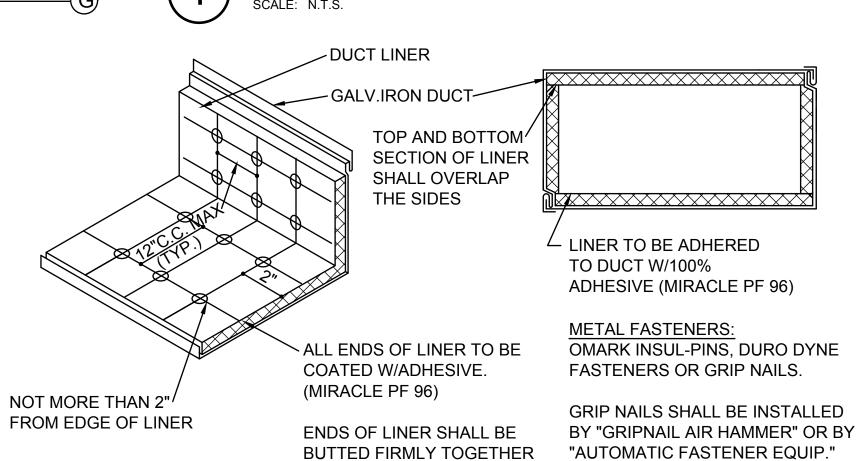
NO POP RIVETS ALLOWED

NOTE CIRCUMFERENCE + 2-7/8" = SHEAR LENGTH

BRANCH DUCT TAKE-OFF & DAMPER DETAIL

DUCT HANGER DETAILS







SHEET TITLE:

MECHANICAL

DETAILS

M501

PROJECT NUMBER:

4 DEC 2025

5000216

500021625010106

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

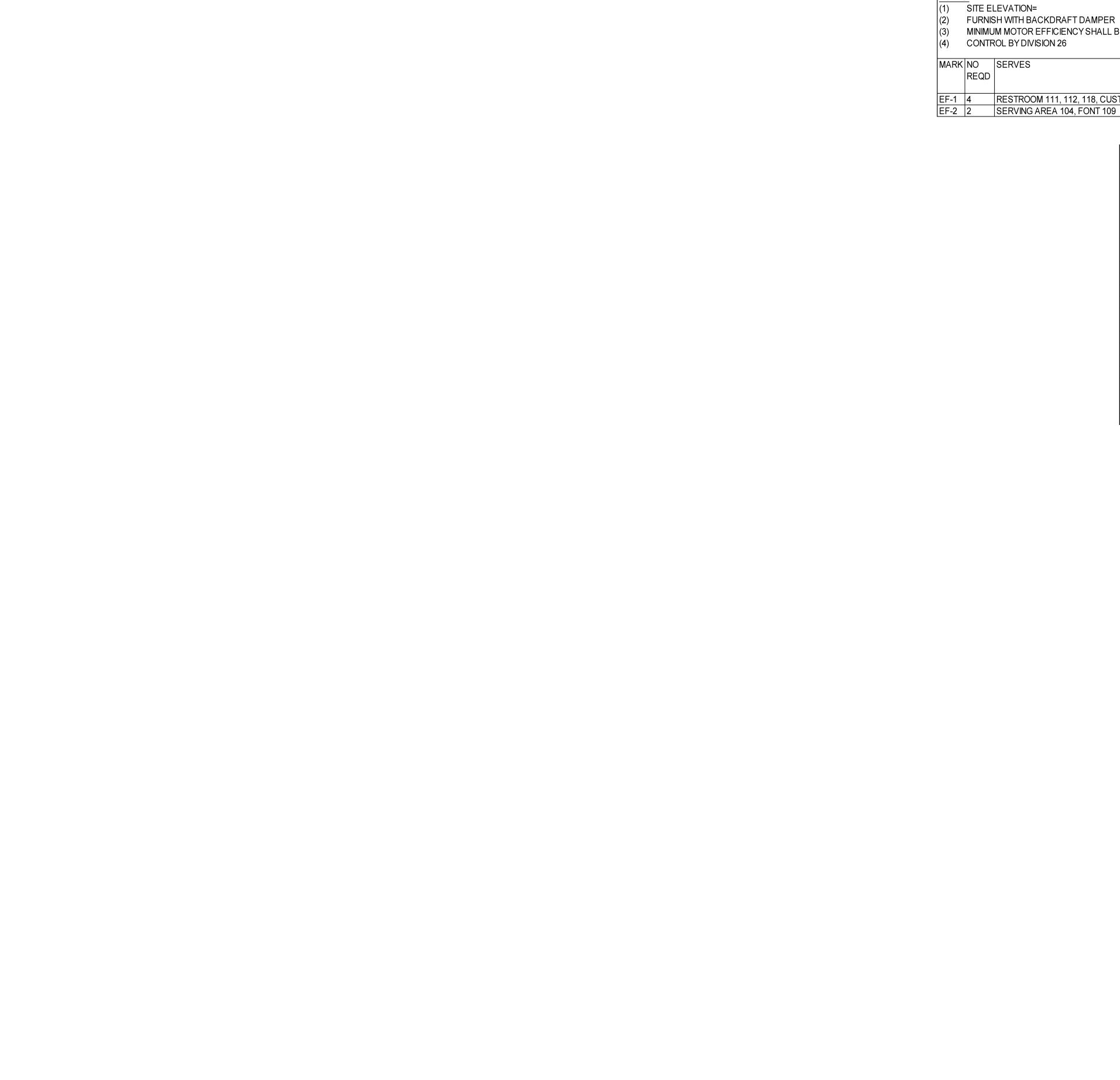
DAVID L. JENSEN & ASSOCIATES

MECHANICAL ENGINEERS

547 WEST 500 SOUTH SUITE #140

BOUNTIFUL, UTAH 84010
PHONE: (801) 294-9299





EXHAUST FAN SCHEDULE

MINIMUM MOTOR EFFICIENCY SHALL BE 70% RATED IN ACCORDANCE WITH DOE 10 CFR 431

M	1ARK	NO	SERVES	TYPE	CFM	EXTERNAL	RPM	FAN M	MOTOR					WEIGHT	SONES	NOTES	MANUFACTURER	MODEL NUMBER
		REQD				S.P. IN W.G.		HP	TYPE	DRIVE	AMPS	VOLTS	PHASE	LBS				
E	F-1	4	RESTROOM 111, 112, 118, CUSTODIAL 113	CEILING	80	0.375	640		PSC	DIRECT	1.1	115	1	20	1.8	(1)(2)(3)(4)	TWIN CITY	T100
E	F-2	2	SERVING AREA 104, FONT 109	CEILING	200	0.375	830		PSC	DIRECT	2.1	115	1	20	3.3	(1)(2)(3)(4)	TWIN CITY	T250

DIFFUSER, REGISTER, GRILLE AND LOUVER SCHEDULE

DIFFUSERS ARE 4-WB UNLESS DEFINED OTHERWISE ON THE DRAWINGS

DUCT RUNOUT IS THE SAME SIZE AS THE NECK INLET

FURNISH WITH BACKDRAFT DAMPER

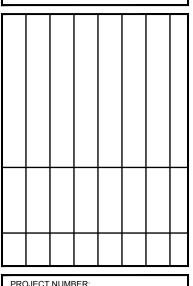
4220 FT ASL

THREE TIER

MARK	SERVICE	TYPE	CFM RANGE	NECK INLET	FRAME	MODULE	MATERIAL	FINISH	NOTES	MANUFACTURER	MODEL
				IN		SIZE IN					NUMBER
D-1	SUPPLY	CEILING	0-100	6" DIA	TYPE 6	6X6	STEEL	WHITE	(1)(2)	PRICE	SMD
D-2	SUPPLY	CEILING	300-600	12" DIA	TYPE 6	15X15	STEEL	WHITE	(1)(2)	PRICE	SMD
D-3	SUPPLY	CEILING	0-100	6" DIA	TYPE 3P	24X24	STEEL	WHITE	(1)(2)	PRICE	SMD
D-4	SUPPLY	CEILING	90-210	8" DIA	TYPE 3P	24X24	STEEL	WHITE	(1)(2)	PRICE	SMD
D-5	SUPPLY	CEILING	200-360	10" DIA	TYPE 3P	24X24	STEEL	WHITE	(1)(2)	PRICE	SMD
D-6	SUPPLY	CEILING	300-600	12" DIA	TYPE 3P	24X24	STEEL	WHITE	(1)(2)	PRICE	SMD
R-1	RETURN	CEILING	300-600	12" DIA	TYPE F	16X16	STEEL	WHITE	(2)	PRICE	535
R-2	RETURN	CEILING	0-100	6" DIA	TYPE TB	12X24	STEEL	WHITE	(2)	PRICE	535
R-3	RETURN	CEILING	90-210	8" DIA	TYPE TB	12X24	STEEL	WHITE	(2)	PRICE	535
R-4	RETURN	CEILING	200-360	10" DIA	TYPE TB	12X24	STEEL	WHITE	(2)	PRICE	535
R-5	RETURN	CEILING	300-600	12" DIA	TYPE TB	24X24	STEEL	WHITE	(2)	PRICE	535
PH-1	EXHAUST	ROOF	400-900	14X14	NA	NA	ALUM	MILL ALUM	(3)(4)	СООК	TRE







5000216

MECHANICAL SCHEDULES

M601

DAVID L. JENSEN & ASSOCIATES

MECHANICAL ENGINEERS

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BOUNTIFUL, UTAH 84010
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			ABBREVIATION SCHEDULE		
		N	OTE: NOT ALL ABBREVIATIONS MAY BE USED.		
Α	ABOVE COUNTER	GEC	GROUNDING ELECTRODE CONDUCTOR	PWR	POWER
Α	AMP OR AMPS	GND	GROUND CONDUCTOR	QTY	QUANTITY
ACC	ACCESS CONTROL	Н	HOSPITAL GRADE	R	REMOVE
ADJ	ADJACENT	НОА	HAND-OFF-AUTO	REF	REFRIGERATOR
AFF	ABOVE FINISHED FLOOR	HP	HORSE POWER	REQ	REQUIREMENTS
AHJ	AUTHORITY HAVING JURISDICTION	HZ	HORIZONTALLY MOUNTED	RGC	RIGID GALVANIZED METALLIC CONDUIT
AL	ALUMINUM	IBT	INTERSYSTEM BONDING TERMINATION BAR	RMC	RIGID METAL CONDUIT
ATS	AUTOMATIC TRANSFER SWITCH	lıb	INTRUSION DETECTION	RMP	ROCKY MOUNTAIN POWER
AUX	AUXILIARY	IG	ISOLATED GROUND	RNC	RIGID NONMETALLIC CONDUIT
AWG	AMERICAN WIRE GAUGE	IMC	INTERMEDIATE METAL CONDUIT	RR	REMOVE AND RELOCATE
	BUILDING AUTOMATION SYSTEM	INS	INSULATED	S	SURFACE MOUNTED
	BUILDING	ISO	ISOLATED	SBJ	SYSTEM BONDING JUMPER
C	CONDUIT	KCMIL	KILO CIRCULAR MIL	SCP	SECURITY CONTROL PANEL
СВ	CIRCUIT BREAKER	KVA	KILO VOLT AMPERES	SFL	SUB-FEED LUGS
CKT	CIRCUIT	KW	KILOWATTS	SPD	SURGE PROTECTIVE DEVICE
CLG	CEILING	LFNC	LIQUID-TIGHT NONMETAL CONDUIT	SS	SURGE SUPPRESSION
CO	CONVENIENCE OUTLETS	LS	LONG-TIME, SHORT-TIME	SSBJ	SUPPLY SIDE BONDING JUMPER
		LSI	LONG-TIME, SHORT-TIME INSTANTANEOUS	TGB	TELECOMMUNICATION GROUNDING BUS BAR
CU	COPPER	LSIG	LONG-TIME, SHORT-TIME INSTANTANEOUS	TMGB	TELECOMMUNICATION MAIN GROUNDING
	DISTRIBUTED ANTENNA SYSTEM		GROUND FAULT	IIIIOD	BUS BAR
	EXISTING	LTG	LIGHTING	TR	TAMPER RESISTANT
	EACH	MBJ	MAIN BONDING JUMPER	TTB	TELEPHONE TERMINAL BOARD
	EQUIPMENT GROUND	MCA	MINIMUM CIRCUIT AMPS	TYP	TYPICAL
		MCB	MAIN CIRCUIT BREAKER	UF	UNDER FLOOR
	ELECTRICAL	MLO	MAIN LUGS ONLY	UG	UNDERGROUND
	EMERGENCY	MV	MEDIUM VOLTAGE	UNO	UNLESS NOTED OTHERWISE
	ELECTRIC METALLIC TUBING	MW	MICROWAVE	USB	UNIVERSAL SERIAL BUS
	ELECTRIC NONMETALLIC TUBING	NC	NORMALLY CLOSED	VSS	VIDEO SURVEILLANCE SYSTEM
	EQUIPMENT	NEC	NATIONAL ELECTRIC CODE	W/	WITH
	ELECTRIC WATER COOLER	NIC	NOT IN CONTRACT	WO/	WITHOUT
	EXPLOSION PROOF	NL	NIGHT LIGHT	WP	WEATHER PROOF
	FIRE ALARM	NO	NORMALLY OPEN	WR	WEATHER RESISTANT
	FIRE ALARM CONTROL PANEL	OC	ON CENTER(S)	XFMR	TRANSFORMER
	FULL LOAD AMPS	OCP	OVER CURRENT PROTECTION	/ WINT	THE WAST STREET
	FLEXIBLE METAL CONDUIT	OCPD	OVER CURRENT PROTECTION DEVICE		
	FIBER OPTIC	PA	PUBLIC ADDRESS		
	FREIGHT ON BOARD	PH	PHASE		
	FEED-THROUGH LUGS	PV	PHOTOVOLTAIC		

GENERAL PROJECT NOTES:

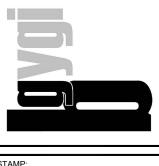
- 1. DIVISION 26 CONTRACTOR IS RESPONSIBLE FOR READING AND APPLYING WHAT IS IN THE SPECIFICATIONS TO THIS PROJECT. ANYTHING THAT IS NOT INCLUDED ON THE PROJECT THAT IS CALLED OUT IN THE SPECIFICATION SHALL BE LISTED ON THE SUBSTANTIAL COMPLETION PUNCHLIST. THE CONTRACTOR WILL BE REQUIRED TO REMEDY THESE DEFICIENCIES. THERE WILL BE NO EXCEPTIONS.
- THE CONTRACTOR MAY SCHEDULE A PRE-CONSTRUCTION MEETING AT THEIR DISCRETION, WITH THE ELECTRICAL ENGINEER AND ARCHITECT TO REVIEW THE DRAWINGS AND SPECIFICATIONS. THE MEETING SHALL BE A MAXIMUM OF ONE HOUR AND SHALL TAKE PLACE AT THE ENGINEER'S OFFICE WHERE POSSIBLE.
- 3. THE FOLLOWING ITEMS ARE SOME OF THE REQUIREMENTS THAT ARE LISTED IN THE SPECIFICATIONS. THESE ITEMS DO NOT REPRESENT ALL ITEMS AND THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL REQUIREMENTS OF THE SPECIFICATIONS:
- A. INSULATED THROAT CONNECTORS OR PLASTIC BUSHINGS SHALL BE UTILIZED FOR ALL CONDUIT SIZES USED ON THIS PROJECT.
- B. A DEDICATED NEUTRAL CONDUCTOR WILL BE PROVIDED FOR ALL LIGHTING AND POWER CIRCUITS.
- C. THE CONTRACTOR SHALL LABEL ALL ELECTRICAL EQUIPMENT AS IT IS CALLED OUT IN THE SPECIFICATIONS.
- D. THE CONTRACTOR SHALL PROVIDE SEISMIC SUPPORT AND BRACING FOR ALL ELECTRICAL EQUIPMENT AS REQUIRED BY LOCAL AND
- THE CONTRACTOR SHALL FOLLOW THE PANELBOARD SCHEDULES AS INDICATED IN THE DRAWINGS. EACH CIRCUIT BREAKER HAS BEEN ASSIGNED A SPECIFIC AREA OF THE BUILDING. NO DEVIATION WILL BE ALLOWED WITHOUT THE APPROVAL FROM THE ELECTRICAL ENGINEER.
- THE CONTRACTOR SHALL INSTALL THE WIRE SIZES AS CALLED OUT ON THE ONE-LINE DIAGRAM, EQUIPMENT SCHEDULES, VOLTAGE DROP TABLES, AND ELECTRICAL SPECIFICATIONS. HOWEVER, THE CONTRACTOR IS RESPONSIBLE TO ENSURE THE WIRE IS LARGE ENOUGH FOR VOLTAGE DROP.
- 6. THE CONTRACTOR SHALL VERIFY ALL MECHANICAL OVERCURRENT DEVICES FOR THE ACTUAL MECHANICAL EQUIPMENT SUPPLIED ON THE JOB, PRIOR TO RELEASE OF ANY ELECTRICAL DISTRIBUTION EQUIPMENT. CONTACT THE ELECTRICAL ENGINEER WITH ANY DISCREPANCIES.
- THE CONTRACTOR SHALL VISIT THE SITE BEFORE SUBMITTING THE BID, AND SHALL EXAMINE ALL PHYSICAL CONDITIONS WHICH MAY BE MATERIAL TO THE PERFORMANCE OF HIS WORK. <u>NO EXTRA PAYMENTS WILL BE ALLOWED TO THE CONTRACTOR AS A RESULT OF EXTRA WORK MADE NECESSARY BY THEIR FAILURE TO DO SO.</u> ANY CASE OF DISCREPANCY OR LACK OF CLARITY SHALL BE PROMPTLY IDENTIFIED TO THE OWNER'S REPRESENTATIVE AND THE ENGINEER FOR CLARIFICATION.
- 8. THE CONTRACTOR SHALL MAKE SURE THAT ALL EXISTING BRANCH CIRCUITS THAT ARE AFFECTED BY THIS PROJECT ARE NOT OVERLOADED AS A RESULT OF WORK UNDER THIS CONTRACT. PROVIDE ADDITIONAL BRANCH CIRCUITS FROM ELECTRICAL PANELS AS NECESSARY TO COMPLY WITH THE BRANCH CIRCUIT LOADING REQUIREMENTS. PROVIDE ALL MATERIAL AND LABOR AS NECESSARY FOR A COMPLETE AND OPERATING SYSTEM.
- 9. PROVIDE UPDATED, TYPED PANELBOARD SCHEDULE(S) TO REFLECT ALL THE CHANGES MADE, INCLUDING EXISTING LOADS. THE EXISTING LOADS SHALL BE NAMED THE SAME AS LISTED ON THE EXISTING PANELBOARD SCHEDULE.

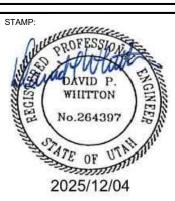
	LIGHTING SYM	BOLS			BRANCH CIRCUITING	SYMBOLS			ELECTRICAL SYMBOL SCHEDUL	E GENERAL I	NOTES
1. LIGHT FI	IXTURE SYMBOLS ARE GENERAL IN NATURE AND MAY BE SHOWN C		VARIOUS SIZES AND SHAPES. REFER TO	SYMBOL	DESCRIPTION		REMARKS	4 1/0:11:7			
	HT FIXTURE SCHEDULE FOR SPECIFICATION INFORMATION.	DI WANIINOO IIN			1 CIRCUIT, 2 WIRE BRANCH CIRCUIT HOME RUN TO PANEL	ARROWS: NUMBER	R OF ARROWS INDICATES NUMBER OF		ALL OUTLETS, DEVICES, AND EQUIPMENT AT HEIGHTS INDICATED B NOTED OTHERWISE, HEIGHTS ARE GIVEN FROM FINISHED FLOOR T	,	
2. ARROW	S INDICATE AIMING DIRECTION.			-		CIRCUITS REQUIRE	RED. NES: NUMBER OF SHORT CROSS LINES		OUTLETS, DEVICES, AND EQUIPMENT ARE NOTED BY SUBSCRIPTS,	REFER TO ABBREVI	ATION SCHEDULE FOR DEFINED
SYMBOL	DESCRIPTION	MOUNTING	REMARKS		2 CIRCUIT, 4 WIRE BRANCH CIRCUIT HOME RUN TO PANEL	INDICATES NUMBE	ER OF PHASE, TRAVELER, AND/OR SWITCHED QUIRED IF GREATER THAN 1 (ONE).	REQUIRE	EMENTS.		
Ģ □	ARM-MOUNTED SINGLE-HEAD LIGHT FIXTURE AND POLE	AS SPECIFIED OR DETAILED]			ES: NUMBER OF LONG CROSS LINES		OUTLETS, DEVICES AND EQUIPMENT ARE NOTED BY THE SUBSCRIF MOUNT AT 4" ABOVE BACK SPLASH. REFER TO ARCHITECTURAL IN		
○				┨╫╫╼╼╼	3 CIRCUIT, 6 WIRE BRANCH CIRCUIT HOME RUN TO PANEL	INDICATES NUMBE FOR MULTI-WIRE H	ER OF NEUTRAL CONDUCTORS REQUIRED HOME RUNS.	SUPPLIE			
	ARM-MOUNTED DOUBLE-HEAD LIGHT FIXTURE AND POLE	AS SPECIFIED OR DETAILED			MULTIPLE WIRE BRANCH CIRCUITING BETWEEN FIXTURES,		UND AND ISOLATED GROUND CONDUCTORS:	4. NOT ALL	ELECTRICAL SYMBOLS MAY BE USED.		
0	POST-TOP SINGLE-HEAD, LIGHT FIXTURE AND POLE	AS SPECIFIED			SWITCHES, DEVICES, ETC.	ARE NOT SHOWN,	JND AND ISOLATED GROUND CONDUCTORS BUT ARE REQUIRED AS NOTED ON THE		CENEDAL CVMD		
	· ·	OR DETAILED			BRANCH CIRCUITING (U.N.O.) TURNED UP OR TOWARDS	DRAWINGS OR IN 1	THE SPECIFICATIONS.		GENERAL SYMB	T	
R	WALL-MOUNTED FIXTURE	AS SPECIFIED OR DETAILED	REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING HEIGHT		OBSERVER. BRANCH CIRCUITING (U.N.O.) TURNED DOWN OR AWAY FROM			SYMBOL	DESCRIPTION		REMARKS
0 0	LIGHT BOLLARD	AS SPECIFIED OR DETAILED		•	OBSERVER.			\otimes	KEYED NOTE		
	FLOOD LIGHT	AS SPECIFIED			BRANCH CIRCUITING (U.N.O.) CONTINUATION				DETAIL REFERENCE		CATES DETAIL NUMBER; BOTTOM NDICATES WHERE DETAIL IS SHOWN.
	DEGEOGED WALL FIXTURE OF OTER LIGHT	OR DETAILED	DEFEN TO ADOLUTEOTUDAL EXTERIOR	 	CONDUIT STUB-IN	CAP AND MARK		E-1			
4	RECESSED WALL FIXTURE OR STEP LIGHT	AS SPECIFIED OR DETAILED	REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING HEIGHT		INCOMING SERVICE			2	ELEVATION REFERENCE		CATES ELEVATION NUMBER; BOTTOM NDICATES WHERE ELEVATION IS SHOWN.
	LIGHT FIXTURES	AS SPECIFIED OR DETAILED				MOUNT 40 NOTES		E-2			
				0	JUNCTION BOX		D. SUBSCRIPT 'F' INDICATES TO PROVIDE A HBLANK COVERPLATE		SECTION REFERENCE		CATES SECTION NUMBER; BOTTOM NDICATES WHERE SECTION IS SHOWN.
	WALL MOUNTED LINEAR LIQUE EIVEURE	AC ODEOLEIED			WIRING DEVICE SY	'MBOLS		E-3			
	WALL-MOUNTED LINEAR LIGHT FIXTURE	AS SPECIFIED OR DETAILED		SYMBOL	DESCRIPTION	MOUNTING	REMARKS				
	LINEAR WALL WASHER	AS SPECIFIED OR DETAILED		=	SPLIT-WIRED DUPLEX RECEPTACLE	+18"		100	ARCHITECTURAL ROOM NUMBER		
	RECESSED DOWN LIGHT	AS SPECIFIED		0	SIMPLEX RECEPTACLE	+18"		AHU	EQUIPMENT NAME / NUMBER		BREVIATES EQUIPMENT NAME OR TYPE; R INDICATES EQUIPMENT NUMBER. REFER TO
	RECESSED WALL-WASHER OR DIRECTIONAL DOWNLIGHT	OR DETAILED AS SPECIFIED	IF SHOWN, ARROW INDICATES AIMING	₽	DUPLEX RECEPTACLE	+18"	DANIOE NEMA 44 FOD	1		EQUIPMENT SCHE	
		OR DETAILED	DIRECTION	€	125/250V RECEPTACLE	+18"	RANGE NEMA 14-50R DRYER NEMA 14-30R	\triangle	REVISION NUMBER	DURING CONSTRI	E CHANGES EITHER ISSUED BY ADDENDUM OR UCTION AND TO DENOTE RECORD DRAWING
0	SURFACE OR PENDANT-MOUNTED LIGHT FIXTURE	AS SPECIFIED OR DETAILED		+	FOURPLEX RECEPTACLE	+18"			DEMISION OF OFID	CHANGES.	ADEAC DEVICES EQUIDMENT DETAILS ETC
Ю	WALL-MOUNTED LIGHT FIXTURE	AS SPECIFIED OR DETAILED	REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING HEIGHT	₽=	GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLE GROUND FAULT CIRCUIT INTERRUPTER FOURPLEX	+18"		()	REVISION CLOUD	AFFECTED BY RE	E AREAS, DEVICES, EQUIPMENT DETAILS, ETC. VISION.
	TRACK OR MONO-POINT LIGHT FIXTURE	AS SPECIFIED	IF SHOWN, ARROW INDICATES AIMING	+ +	RECEPTACLE						
•	WALL COOLOG	OR DETAILED	DIRECTION	●	EMERGENCY DUPLEX RECEPTACLE EMERGENCY FOURPLEX RECEPTACLE	+18"			BREAKLINE	USED TO BREAK I	DRAWINGS.
D	WALL SCONCE	AS SPECIFIED OR DETAILED		0	MULTI-OUTLET ASSEMBLY	4" ABOVE					
	EGRESS LIGHT FIXTURE	AS SPECIFIED OR DETAILED	THIS IS AN EXAMPLE OF AN EGRESS LIGHT FIXTURE. EGRESS LIGHT FIXTURES ARE		DOWER / TELEPHONE DOLE	BACKSPLASH			GEAR AND CONTROL	SYMBOLS	
·			HALF-SHADED DIAGONALLY.	•	POWER / TELEPHONE POLE CORD DROP WITH DUPLEX RECEPTACLE	FLOOR/CEILING	REFER TO DETAIL	SYMBOL	DESCRIPTION	MOUNTING	REMARKS
	EMERGENCY (NON-EGRESS) LIGHT FIXTURE	AS SPECIFIED	THIS IN AN EXAMPLE OF AN EMERGENCY		SPECIAL PURPOSE OUTLET	+18"	SUBSCRIPT IN PARENTHESIS INDICATES	\$TMBOL	MANUAL STARTER WITH THERMAL OVERLOAD(S)	AT EQUIPMENT	NEWIANNO
•		OR DETAILED	(NON-EGRESS) LIGHT FIXTURE. EMERGENCY FIXTURES ARE	(5-20R)			NEMA CONFIGURATION IF SHOWN. REFER TO DRAWINGS AND/OR EQUIPMENT	6	ELECTRIC MOTOR	7.1. 2.3 011 1121	
8	CEILING MOUNTED EXIT SIGN	CEILING	FULLY-SHADED. DARKENED PORTION OF SIGN INDICATES				SCHEDULES. CONFIRM EXACT CONFIGURATION WITH OWNER PRIOR TO	ㅁ	NON-FUSED DISCONNECT SWITCH	TOP AT +48"-72"	
	WALL-MOUNTED EXIT SIGN	WALL	FACE(S); ARROW(S) INDICATE CHEVRON DIRECTION(S)				INSTALLATION.		FUSED DISCONNECT SWITCH	TOP AT +48"-72"	
l KS			I DIRECTION(3)			$NITD \cap C$			CIDCUIT DDEALED AND ENCLOSUDE	TOD AT 140" 70"	
₩		ABOVE DOOR	DIRECTION(3)		LIGHTING CON				CIRCUIT BREAKER AND ENCLOSURE MAGNETIC STARTER	TOP AT +48"-72" TOP AT +48"-72"	
I⊗	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE		DIRECTION(3)	SYMBOL	DESCRIPTION	MOUNTING	REMARKS				
-		ABOVE DOOR WALL	DIRECTION(3)	SYMBOL \$	DESCRIPTION SINGLE-POLE TOGGLE SWITCH	MOUNTING +48"			MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72"	
TC P	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE	ABOVE DOOR WALL ABOVE DOOR	DIRECTION(3)	SYMBOL \$ \$	DESCRIPTION	MOUNTING +48" +48"	REMARKS SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED.		MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT	TOP AT +48"-72" TOP AT +48"-72"	
FC F	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH	MOUNTING +48" +48"	SUBSCRIPT KEYS SWITCH TO FIXTURES		MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL	TOP AT +72" IF WALL MOUNTED
TC P	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL	ABOVE DOOR WALL ABOVE DOOR +60"	MOUNT ON ROOF FACING NORTH SKY	\$ \$a \$a	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH	+48" +48" +48" +48"	SUBSCRIPT KEYS SWITCH TO FIXTURES	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP)	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED FLOOR OR WALL	WALL MOUNTED TOP AT +72" IF
FC F	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE)	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED N/A		\$ \$a \$a	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH	MOUNTING +48" +48"	SUBSCRIPT KEYS SWITCH TO FIXTURES	☑ ☑ ☑ ☑	MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) REDUCED VOLTAGE STARTER	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED FLOOR OR WALL AS SPECIFIED	WALL MOUNTED TOP AT +72" IF WALL MOUNTED
	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE) FIRE ALARM SYN	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED N/A MBOLS	MOUNT ON ROOF FACING NORTH SKY	\$ \$a \$a	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH FOUR-WAY TOGGLE SWITCH	+48" +48" +48" +48" +48" +48" +48" +48"	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED.	VFD RVS	MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP)	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED FLOOR OR WALL	WALL MOUNTED TOP AT +72" IF
TC P XX SYMBOL	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE) FIRE ALARM SYN DESCRIPTION	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED N/A MBOLS MOUNTING		\$ \$a \$a	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH FOUR-WAY TOGGLE SWITCH KEY-OPERATED SINGLE-POLE TOGGLE SWITCH	+48" +48" +48" +48" +48" +48" +48" +48"	SUBSCRIPT KEYS SWITCH TO FIXTURES	VFD RVS	MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) REDUCED VOLTAGE STARTER LOAD CENTER (SURFACE-MOUNTED) LOAD CENTER (FLUSH-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED)	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED FLOOR OR WALL AS SPECIFIED TOP AT +72" TOP AT +72" TOP AT +72"	WALL MOUNTED TOP AT +72" IF WALL MOUNTED 14"W X 3"D 14"W X 3"D 20"W X 6"D
P XX	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE) FIRE ALARM SYN	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED N/A MBOLS MOUNTING 4" BELOW CEILING TO TOP	MOUNT ON ROOF FACING NORTH SKY REMARKS	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH FOUR-WAY TOGGLE SWITCH KEY-OPERATED SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT DIMMER SWITCH TIMER SWITCH	+48" +48" +48" +48" +48" +48" +48" +48"	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED. RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE	VFD RVS	MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) REDUCED VOLTAGE STARTER LOAD CENTER (SURFACE-MOUNTED) LOAD CENTER (FLUSH-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (FLUSH-MOUNTED)	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED FLOOR OR WALL AS SPECIFIED TOP AT +72" TOP AT +72" TOP AT +72" TOP AT +72"	WALL MOUNTED TOP AT +72" IF WALL MOUNTED 14"W X 3"D 14"W X 3"D 20"W X 6"D 20"W X 6"D
TC P XX SYMBOL BDT	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE) FIRE ALARM SYN DESCRIPTION	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED N/A MBOLS MOUNTING 4" BELOW CEILING TO TOP OF DETECTOR 4" BELOW	MOUNT ON ROOF FACING NORTH SKY REMARKS	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH FOUR-WAY TOGGLE SWITCH KEY-OPERATED SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT DIMMER SWITCH	+48" +48" +48" +48" +48" +48" +48" +48"	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED. RATE DIMMER SWITCH FOR MAXIMUM	VFD RVS	MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) REDUCED VOLTAGE STARTER LOAD CENTER (SURFACE-MOUNTED) LOAD CENTER (FLUSH-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED)	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED FLOOR OR WALL AS SPECIFIED TOP AT +72" TOP AT +72" TOP AT +72"	WALL MOUNTED TOP AT +72" IF WALL MOUNTED 14"W X 3"D 14"W X 3"D 20"W X 6"D 20"W X 6"D THESE SYMBOLS ARE GENERAL IN NATURE AND MAY VARY IN SIZE AND
TC P XX SYMBOL	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE) FIRE ALARM SYN DESCRIPTION BEAM DETECTOR - TRANSMITTER	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED N/A MBOLS MOUNTING 4" BELOW CEILING TO TOP OF DETECTOR	MOUNT ON ROOF FACING NORTH SKY REMARKS	\$ \$a\$ \$2\$ \$3\$ \$4\$ \$\$K\$ \$\$P\$ \$DIM	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH FOUR-WAY TOGGLE SWITCH KEY-OPERATED SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT DIMMER SWITCH TIMER SWITCH OCCUPANCY SENSOR	+48" +48" +48" +48" +48" +48" +48" +48"	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED. RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION	VFD RVS	MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) REDUCED VOLTAGE STARTER LOAD CENTER (SURFACE-MOUNTED) LOAD CENTER (FLUSH-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (FLUSH-MOUNTED) POWER DISTRIBUTION PANELBOARD	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED TOP AT +72" TOP AT +72" TOP AT +72" TOP AT +72" WALL	WALL MOUNTED TOP AT +72" IF WALL MOUNTED 14"W X 3"D 14"W X 3"D 20"W X 6"D 20"W X 6"D THESE SYMBOLS ARE GENERAL IN NATURE AND MAY VARY IN SIZE AND SHAPE TO SUIT APPLICATION. CROSS HATCHING INDICATES "MAIN
TC P XX SYMBOL BDT	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE) FIRE ALARM SYN DESCRIPTION BEAM DETECTOR - TRANSMITTER	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED N/A MBOLS MOUNTING 4" BELOW CEILING TO TOP OF DETECTOR 4" BELOW CEILING TO TOP OF DETECTOR MANUFACTURER	MOUNT ON ROOF FACING NORTH SKY REMARKS	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH FOUR-WAY TOGGLE SWITCH KEY-OPERATED SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT DIMMER SWITCH TIMER SWITCH	HOUNTING +48" +48" +48" +48" +48" +48" +48" +48" +48" +48"	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED. RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE REFER TO OCCUPANCY SENSOR	VFD RVS	MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) REDUCED VOLTAGE STARTER LOAD CENTER (SURFACE-MOUNTED) LOAD CENTER (FLUSH-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (FLUSH-MOUNTED)	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED FLOOR OR WALL AS SPECIFIED TOP AT +72" TOP AT +72" TOP AT +72" TOP AT +72"	WALL MOUNTED TOP AT +72" IF WALL MOUNTED 14"W X 3"D 14"W X 3"D 20"W X 6"D THESE SYMBOLS ARE GENERAL IN NATURE AND MAY VARY IN SIZE AND SHAPE TO SUIT APPLICATION. CROSS HATCHING INDICATES "MAIN PANELBOARD OR SWITCHBOARD" NAME IS INDICATED IN SEMI-QUOTES (I.E. 'L2A',
TC P XX SYMBOL BDT	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE) FIRE ALARM SYN DESCRIPTION BEAM DETECTOR - TRANSMITTER	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED N/A MBOLS MOUNTING 4" BELOW CEILING TO TOP OF DETECTOR 4" BELOW CEILING TO TOP OF DETECTOR	MOUNT ON ROOF FACING NORTH SKY REMARKS	\$ \$ \$\$2 \$\$3 \$\$4 \$\$FP \$\$DIM \$\$TIM \$\$OS \$\$VS	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH FOUR-WAY TOGGLE SWITCH KEY-OPERATED SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT DIMMER SWITCH TIMER SWITCH OCCUPANCY SENSOR	HOUNTING +48" +48" +48" +48" +48" +48" +48" +48" +48" +48"	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED. RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO LOW VOLTAGE SWITCH	VFD RVS	MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) REDUCED VOLTAGE STARTER LOAD CENTER (SURFACE-MOUNTED) LOAD CENTER (FLUSH-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (FLUSH-MOUNTED) POWER DISTRIBUTION PANELBOARD	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED TOP AT +72" TOP AT +72" TOP AT +72" TOP AT +72" WALL	WALL MOUNTED TOP AT +72" IF WALL MOUNTED 14"W X 3"D 14"W X 3"D 20"W X 6"D 20"W X 6"D THESE SYMBOLS ARE GENERAL IN NATURE AND MAY VARY IN SIZE AND SHAPE TO SUIT APPLICATION. CROSS HATCHING INDICATES "MAIN PANELBOARD OR SWITCHBOARD" NAME IS INDICATED IN SEMI-QUOTES (I.E. 'L2A', 'MDP') FURNISH SWITCH UNLESS FURNISHED
TC P XX SYMBOL BDT	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE) FIRE ALARM SYN DESCRIPTION BEAM DETECTOR - TRANSMITTER BEAM DETECTOR - RECEIVER END OF LINE DEVICE	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED N/A MBOLS MOUNTING 4" BELOW CEILING TO TOP OF DETECTOR 4" BELOW CEILING TO TOP OF DETECTOR MANUFACTURER RECOMMENDED	MOUNT ON ROOF FACING NORTH SKY REMARKS	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH FOUR-WAY TOGGLE SWITCH KEY-OPERATED SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT DIMMER SWITCH TIMER SWITCH OCCUPANCY SENSOR	HOUNTING +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" +48"	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED. RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION	VFD RVS	MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) REDUCED VOLTAGE STARTER LOAD CENTER (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (FLUSH-MOUNTED) POWER DISTRIBUTION PANELBOARD SWITCHBOARD	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED TOP AT +72" TOP AT +72" TOP AT +72" WALL FLOOR TOP AT +72"	WALL MOUNTED TOP AT +72" IF WALL MOUNTED 14"W X 3"D 14"W X 3"D 20"W X 6"D THESE SYMBOLS ARE GENERAL IN NATURE AND MAY VARY IN SIZE AND SHAPE TO SUIT APPLICATION. CROSS HATCHING INDICATES "MAIN PANELBOARD OR SWITCHBOARD" NAME IS INDICATED IN SEMI-QUOTES (I.E. 'L2A', 'MDP') FURNISH SWITCH UNLESS FURNISHED BY ANOTHER DIVISION. INSTALL AND CONNECT COMPLETE. REFER TO
P XX SYMBOL BDT BDR	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE) FIRE ALARM SYN DESCRIPTION BEAM DETECTOR - TRANSMITTER BEAM DETECTOR - RECEIVER END OF LINE DEVICE TAMPER SWITCH WATER FLOW INDICATOR FIRE/SMOKE DAMPER	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED N/A MBOLS MOUNTING 4" BELOW CEILING TO TOP OF DETECTOR 4" BELOW CEILING TO TOP OF DETECTOR MANUFACTURER RECOMMENDED AT VALVE ON FIRE RISER	MOUNT ON ROOF FACING NORTH SKY REMARKS	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH FOUR-WAY TOGGLE SWITCH KEY-OPERATED SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT DIMMER SWITCH TIMER SWITCH OCCUPANCY SENSOR	MOUNTING +48" +48" +48" +48" +48" +48" +48" +48" +48" +48"	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED. RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO LOW VOLTAGE SWITCH SCHEDULE FOR MORE INFORMATION "#" SPECIFIES TYPE REFER TO DETAIL UP-ON;	VFD RVS	MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) REDUCED VOLTAGE STARTER LOAD CENTER (SURFACE-MOUNTED) LOAD CENTER (FLUSH-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (FLUSH-MOUNTED) POWER DISTRIBUTION PANELBOARD	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED TOP AT +72" TOP AT +72" TOP AT +72" TOP AT +72" WALL FLOOR	WALL MOUNTED TOP AT +72" IF WALL MOUNTED 14"W X 3"D 14"W X 3"D 20"W X 6"D THESE SYMBOLS ARE GENERAL IN NATURE AND MAY VARY IN SIZE AND SHAPE TO SUIT APPLICATION. CROSS HATCHING INDICATES "MAIN PANELBOARD OR SWITCHBOARD" NAME IS INDICATED IN SEMI-QUOTES (I.E. 'L2A', 'MDP') FURNISH SWITCH UNLESS FURNISHED BY ANOTHER DIVISION. INSTALL AND
P XX SYMBOL BDT BDR	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE) FIRE ALARM SYN DESCRIPTION BEAM DETECTOR - TRANSMITTER BEAM DETECTOR - RECEIVER END OF LINE DEVICE TAMPER SWITCH WATER FLOW INDICATOR FIRE/SMOKE DAMPER HEAT DETECTOR	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED N/A MBOLS MOUNTING 4" BELOW CEILING TO TOP OF DETECTOR 4" BELOW CEILING TO TOP OF DETECTOR MANUFACTURER RECOMMENDED AT VALVE ON FIRE RISER CEILING	MOUNT ON ROOF FACING NORTH SKY REMARKS	\$ \$ \$\$2 \$\$3 \$\$4 \$\$FP \$\$DIM \$\$TIM \$\$OS \$\$VS	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH FOUR-WAY TOGGLE SWITCH KEY-OPERATED SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT DIMMER SWITCH TIMER SWITCH OCCUPANCY SENSOR VACANCY SENSOR LOW VOLTAGE SWITCH 3-POSITION MOMENTARY CONTACT SWITCH	HOUNTING +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" +48"	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED. RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO LOW VOLTAGE SWITCH SCHEDULE FOR MORE INFORMATION "#" SPECIFIES TYPE REFER TO DETAIL UP-ON; CENTER-NEUTRAL; DOWN-OFF	VFD RVS	MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) REDUCED VOLTAGE STARTER LOAD CENTER (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (FLUSH-MOUNTED) POWER DISTRIBUTION PANELBOARD SWITCHBOARD	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED TOP AT +72" TOP AT +72" TOP AT +72" WALL FLOOR TOP AT +72"	WALL MOUNTED TOP AT +72" IF WALL MOUNTED 14"W X 3"D 14"W X 3"D 20"W X 6"D 20"W X 6"D THESE SYMBOLS ARE GENERAL IN NATURE AND MAY VARY IN SIZE AND SHAPE TO SUIT APPLICATION. CROSS HATCHING INDICATES "MAIN PANELBOARD OR SWITCHBOARD" NAME IS INDICATED IN SEMI-QUOTES (I.E. 'L2A', 'MDP') FURNISH SWITCH UNLESS FURNISHED BY ANOTHER DIVISION. INSTALL AND CONNECT COMPLETE. REFER TO RELATED SPECIFICATION SECTIONS.
P XX SYMBOL BDT BDR	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE) FIRE ALARM SYN DESCRIPTION BEAM DETECTOR - TRANSMITTER BEAM DETECTOR - RECEIVER END OF LINE DEVICE TAMPER SWITCH WATER FLOW INDICATOR FIRE/SMOKE DAMPER	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED N/A MBOLS MOUNTING 4" BELOW CEILING TO TOP OF DETECTOR 4" BELOW CEILING TO TOP OF DETECTOR MANUFACTURER RECOMMENDED AT VALVE ON FIRE RISER	MOUNT ON ROOF FACING NORTH SKY REMARKS	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH FOUR-WAY TOGGLE SWITCH KEY-OPERATED SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT DIMMER SWITCH TIMER SWITCH OCCUPANCY SENSOR LOW VOLTAGE SWITCH	HOUNTING +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" +48"	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED. RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO LOW VOLTAGE SWITCH SCHEDULE FOR MORE INFORMATION "#" SPECIFIES TYPE REFER TO DETAIL UP-ON;		MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) REDUCED VOLTAGE STARTER LOAD CENTER (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (FLUSH-MOUNTED) POWER DISTRIBUTION PANELBOARD METER BASE OPEN - STOP - CLOSE SWITCH	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED FLOOR OR WALL AS SPECIFIED TOP AT +72" TOP AT +72" TOP AT +72" WALL FLOOR TOP AT +72" +60"	WALL MOUNTED TOP AT +72" IF WALL MOUNTED 14"W X 3"D 14"W X 3"D 20"W X 6"D THESE SYMBOLS ARE GENERAL IN NATURE AND MAY VARY IN SIZE AND SHAPE TO SUIT APPLICATION. CROSS HATCHING INDICATES "MAIN PANELBOARD OR SWITCHBOARD" NAME IS INDICATED IN SEMI-QUOTES (I.E. 'L2A', 'MDP') FURNISH SWITCH UNLESS FURNISHED BY ANOTHER DIVISION. INSTALL AND CONNECT COMPLETE. REFER TO
P XX SYMBOL BDT BDR	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE) FIRE ALARM SYN DESCRIPTION BEAM DETECTOR - TRANSMITTER BEAM DETECTOR - RECEIVER END OF LINE DEVICE TAMPER SWITCH WATER FLOW INDICATOR FIRE/SMOKE DAMPER HEAT DETECTOR SMOKE DETECTOR	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED N/A MBOLS MOUNTING 4" BELOW CEILING TO TOP OF DETECTOR 4" BELOW CEILING TO TOP OF DETECTOR MANUFACTURER RECOMMENDED AT VALVE ON FIRE RISER CEILING CEILING	MOUNT ON ROOF FACING NORTH SKY REMARKS	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH FOUR-WAY TOGGLE SWITCH KEY-OPERATED SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT DIMMER SWITCH TIMER SWITCH OCCUPANCY SENSOR VACANCY SENSOR LOW VOLTAGE SWITCH 3-POSITION MOMENTARY CONTACT SWITCH	MOUNTING +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" CEILING	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED. RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO LOW VOLTAGE SWITCH SCHEDULE FOR MORE INFORMATION "#" SPECIFIES TYPE REFER TO DETAIL UP-ON; CENTER-NEUTRAL; DOWN-OFF UP-ON; CENTER-OFF; DOWN-ON		MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) REDUCED VOLTAGE STARTER LOAD CENTER (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (FLUSH-MOUNTED) POWER DISTRIBUTION PANELBOARD METER BASE OPEN - STOP - CLOSE SWITCH HVAC THERMOSTAT HAND - OFF - AUTO SWITCH	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED TOP AT +72" TOP AT +72" TOP AT +72" WALL FLOOR TOP AT +72" WALL FLOOR	WALL MOUNTED TOP AT +72" IF WALL MOUNTED 14"W X 3"D 14"W X 3"D 20"W X 6"D 20"W X 6"D THESE SYMBOLS ARE GENERAL IN NATURE AND MAY VARY IN SIZE AND SHAPE TO SUIT APPLICATION. CROSS HATCHING INDICATES "MAIN PANELBOARD OR SWITCHBOARD" NAME IS INDICATED IN SEMI-QUOTES (I.E. 'L2A', 'MDP') FURNISH SWITCH UNLESS FURNISHED BY ANOTHER DIVISION. INSTALL AND CONNECT COMPLETE. REFER TO RELATED SPECIFICATION SECTIONS.
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EOL FSD O O FSD O O FSD O O FSD O O FSD	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE) FIRE ALARM SYN DESCRIPTION BEAM DETECTOR - TRANSMITTER BEAM DETECTOR - RECEIVER END OF LINE DEVICE TAMPER SWITCH WATER FLOW INDICATOR FIRE/SMOKE DAMPER HEAT DETECTOR SMOKE DETECTOR DUCT SMOKE DETECTOR FIRE ALARM MANUAL STATION	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED N/A MBOLS MOUNTING 4" BELOW CEILING TO TOP OF DETECTOR 4" BELOW CEILING TO TOP OF DETECTOR MANUFACTURER RECOMMENDED AT VALVE ON FIRE RISER CEILING CEILING SIDE OF DUCT +48" AT DEVICE(S) TO BE CONTROLLED AT DEVICE(S) TO	MOUNT ON ROOF FACING NORTH SKY REMARKS	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH FOUR-WAY TOGGLE SWITCH KEY-OPERATED SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT DIMMER SWITCH TIMER SWITCH OCCUPANCY SENSOR VACANCY SENSOR LOW VOLTAGE SWITCH 3-POSITION MOMENTARY CONTACT SWITCH	MOUNTING +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" CEILING CEILING	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED. RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO LOW VOLTAGE SWITCH SCHEDULE FOR MORE INFORMATION "#" SPECIFIES TYPE REFER TO DETAIL UP-ON; CENTER-NEUTRAL; DOWN-OFF UP-ON; CENTER-OFF; DOWN-ON "a" LOWER CASE SPECIFIES ZONE "#" SPECIFIES TYPE "a" LOWER CASE LETTER SPECIFIES ZONE "#" SPECIFIES THE FOOTCANDLE SETTING		MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) REDUCED VOLTAGE STARTER LOAD CENTER (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (FLUSH-MOUNTED) POWER DISTRIBUTION PANELBOARD METER BASE OPEN - STOP - CLOSE SWITCH HVAC THERMOSTAT HAND - OFF - AUTO SWITCH	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED FLOOR OR WALL AS SPECIFIED TOP AT +72" TOP AT +72" TOP AT +72" WALL FLOOR TOP AT +72" +60"	WALL MOUNTED TOP AT +72" IF WALL MOUNTED 14"W X 3"D 14"W X 3"D 20"W X 6"D 20"W X 6"D THESE SYMBOLS ARE GENERAL IN NATURE AND MAY VARY IN SIZE AND SHAPE TO SUIT APPLICATION. CROSS HATCHING INDICATES "MAIN PANELBOARD OR SWITCHBOARD" NAME IS INDICATED IN SEMI-QUOTES (I.E. 'L2A', 'MDP') FURNISH SWITCH UNLESS FURNISHED BY ANOTHER DIVISION. INSTALL AND CONNECT COMPLETE. REFER TO RELATED SPECIFICATION SECTIONS.
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P XX SYMBOL BDT BDR FSD FSD CO F Z	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE) FIRE ALARM SYN DESCRIPTION BEAM DETECTOR - TRANSMITTER BEAM DETECTOR - RECEIVER END OF LINE DEVICE TAMPER SWITCH WATER FLOW INDICATOR FIRE/SMOKE DAMPER HEAT DETECTOR SMOKE DETECTOR DUCT SMOKE DETECTOR FIRE ALARM MANUAL STATION CONTROL MODULE MONITOR MODULE FAN SHUTDOWN RELAY	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED N/A MBOLS MOUNTING 4" BELOW CEILING TO TOP OF DETECTOR 4" BELOW CEILING TO TOP OF DETECTOR MANUFACTURER RECOMMENDED AT VALVE ON FIRE RISER CEILING CEILING SIDE OF DUCT +48" AT DEVICE(S) TO BE CONTROLLED AT FAN CONTROL PANEL	REMARKS	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH FOUR-WAY TOGGLE SWITCH KEY-OPERATED SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT DIMMER SWITCH TIMER SWITCH OCCUPANCY SENSOR VACANCY SENSOR LOW VOLTAGE SWITCH 3-POSITION MOMENTARY CONTACT SWITCH OCCUPANCY SENSOR	MOUNTING +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" CEILING CEILING CEILING	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED. RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO LOW VOLTAGE SWITCH SCHEDULE FOR MORE INFORMATION "#" SPECIFIES TYPE REFER TO DETAIL UP-ON; CENTER-NEUTRAL; DOWN-OFF UP-ON; CENTER-OFF; DOWN-ON "a" LOWER CASE SPECIFIES ZONE "#" SPECIFIES TYPE "a" LOWER CASE LETTER SPECIFIES ZONE "#" SPECIFIES THE FOOTCANDLE SETTING		MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) REDUCED VOLTAGE STARTER LOAD CENTER (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (FLUSH-MOUNTED) POWER DISTRIBUTION PANELBOARD METER BASE OPEN - STOP - CLOSE SWITCH HVAC THERMOSTAT HAND - OFF - AUTO SWITCH	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED FLOOR OR WALL AS SPECIFIED TOP AT +72" TOP AT +72" TOP AT +72" WALL FLOOR TOP AT +72" +60"	WALL MOUNTED TOP AT +72" IF WALL MOUNTED 14"W X 3"D 14"W X 3"D 20"W X 6"D 20"W X 6"D THESE SYMBOLS ARE GENERAL IN NATURE AND MAY VARY IN SIZE AND SHAPE TO SUIT APPLICATION. CROSS HATCHING INDICATES "MAIN PANELBOARD OR SWITCHBOARD" NAME IS INDICATED IN SEMI-QUOTES (I.E. 'L2A', 'MDP') FURNISH SWITCH UNLESS FURNISHED BY ANOTHER DIVISION. INSTALL AND CONNECT COMPLETE. REFER TO RELATED SPECIFICATION SECTIONS.
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POXX SYMBOL BIT WIND FIND FIND FIND FIND FIND FIND FIND F	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE) FIRE ALARM SYN DESCRIPTION BEAM DETECTOR - TRANSMITTER BEAM DETECTOR - RECEIVER END OF LINE DEVICE TAMPER SWITCH WATER FLOW INDICATOR FIRE/SMOKE DAMPER HEAT DETECTOR SMOKE DETECTOR DUCT SMOKE DETECTOR FIRE ALARM MANUAL STATION CONTROL MODULE MONITOR MODULE FAN SHUTDOWN RELAY MAGNETIC DOOR HOLDER WATER FLOOD INDICATOR	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED N/A MBOLS MOUNTING 4" BELOW CEILING TO TOP OF DETECTOR 4" BELOW CEILING TO TOP OF DETECTOR MANUFACTURER RECOMMENDED AT VALVE ON FIRE RISER CEILING CEILING SIDE OF DUCT +48" AT DEVICE(S) TO BE CONTROLLED AT DEVICE(S) TO MONITOR AT FAN CONTROL PANEL COORDINATE WITH DOOR INSTALLER FLOOR 80" MIN AND 96"	MOUNT ON ROOF FACING NORTH SKY REMARKS COORDINATE WITH DOOR INSTALLER; SUBSCRIPT 'F' INDICATES TO MOUNT AT FLOOR LEVEL SUBSCRIPT 'WP' INDICATES THAT A WEATHER PROOF BACK BOX IS REQ.	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH FOUR-WAY TOGGLE SWITCH KEY-OPERATED SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT DIMMER SWITCH TIMER SWITCH OCCUPANCY SENSOR LOW VOLTAGE SWITCH 3-POSITION MOMENTARY CONTACT SWITCH OCCUPANCY SENSOR DIGITAL DAYLIGHT SENSOR WALL MOUNT GRAPHIC TOUCH PAD CONTROLLER EMERGENCY CONTROLLER POWER PACK ROOM CONTROLLER	#48" +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" CEILING CEILING CEILING ACCESSIBLE ABOVE CEILING	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED. RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO LOW VOLTAGE SWITCH SCHEDULE FOR MORE INFORMATION "#" SPECIFIES TYPE REFER TO DETAIL UP-ON; CENTER-NEUTRAL; DOWN-OFF UP-ON; CENTER-OFF; DOWN-ON "a" LOWER CASE SPECIFIES ZONE "#" SPECIFIES TYPE "a" LOWER CASE LETTER SPECIFIES ZONE "#" SPECIFIES THE FOOTCANDLE SETTING		MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) REDUCED VOLTAGE STARTER LOAD CENTER (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (FLUSH-MOUNTED) POWER DISTRIBUTION PANELBOARD METER BASE OPEN - STOP - CLOSE SWITCH HVAC THERMOSTAT HAND - OFF - AUTO SWITCH	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED FLOOR OR WALL AS SPECIFIED TOP AT +72" TOP AT +72" TOP AT +72" WALL FLOOR TOP AT +72" +60"	WALL MOUNTED TOP AT +72" IF WALL MOUNTED 14"W X 3"D 14"W X 3"D 20"W X 6"D 20"W X 6"D THESE SYMBOLS ARE GENERAL IN NATURE AND MAY VARY IN SIZE AND SHAPE TO SUIT APPLICATION. CROSS HATCHING INDICATES "MAIN PANELBOARD OR SWITCHBOARD" NAME IS INDICATED IN SEMI-QUOTES (I.E. 'L2A', 'MDP') FURNISH SWITCH UNLESS FURNISHED BY ANOTHER DIVISION. INSTALL AND CONNECT COMPLETE. REFER TO RELATED SPECIFICATION SECTIONS.
PO XX SYMBOL BDT BDT COL FSD OOO F I R M M M M M M M M M M M M	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE) FIRE ALARM SYN DESCRIPTION BEAM DETECTOR - TRANSMITTER BEAM DETECTOR - RECEIVER END OF LINE DEVICE TAMPER SWITCH WATER FLOW INDICATOR FIRE/SMOKE DAMPER HEAT DETECTOR SMOKE DETECTOR DUCT SMOKE DETECTOR FIRE ALARM MANUAL STATION CONTROL MODULE MONITOR MODULE FAN SHUTDOWN RELAY MAGNETIC DOOR HOLDER WATER FLOOD INDICATOR AUDIO HORN MINI AUDIO HORN MINI AUDIO HORN FIRE ALARM VISUAL STROBE	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED N/A MBOLS MOUNTING 4" BELOW CEILING TO TOP OF DETECTOR 4" BELOW CEILING TO TOP OF DETECTOR MANUFACTURER RECOMMENDED AT VALVE ON FIRE RISER CEILING CEILING SIDE OF DUCT +48" AT DEVICE(S) TO BE CONTROLLED AT DEVICE(S) TO MONITOR AT FAN CONTROL PANEL COORDINATE WITH DOOR INSTALLER FLOOR 80" MIN AND 96" MAX; MEASUREI FROM LENS. IF CEILING IS	MOUNT ON ROOF FACING NORTH SKY REMARKS COORDINATE WITH DOOR INSTALLER; SUBSCRIPT 'F' INDICATES TO MOUNT AT FLOOR LEVEL SUBSCRIPT 'WP' INDICATES THAT A	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH FOUR-WAY TOGGLE SWITCH KEY-OPERATED SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT DIMMER SWITCH TIMER SWITCH OCCUPANCY SENSOR LOW VOLTAGE SWITCH 3-POSITION MOMENTARY CONTACT SWITCH OCCUPANCY SENSOR DIGITAL DAYLIGHT SENSOR WALL MOUNT GRAPHIC TOUCH PAD CONTROLLER EMERGENCY CONTROLLER LOAD CONTROLLER POWER PACK	#48" +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" CEILING CEILING CEILING ACCESSIBLE ABOVE CEILING	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED. RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO LOW VOLTAGE SWITCH SCHEDULE FOR MORE INFORMATION "#" SPECIFIES TYPE REFER TO DETAIL UP-ON; CENTER-NEUTRAL; DOWN-OFF UP-ON; CENTER-OFF; DOWN-ON "a" LOWER CASE SPECIFIES ZONE "#" SPECIFIES TYPE "a" LOWER CASE LETTER SPECIFIES ZONE "#" SPECIFIES THE FOOTCANDLE SETTING		MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) REDUCED VOLTAGE STARTER LOAD CENTER (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (FLUSH-MOUNTED) POWER DISTRIBUTION PANELBOARD METER BASE OPEN - STOP - CLOSE SWITCH HVAC THERMOSTAT HAND - OFF - AUTO SWITCH	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED FLOOR OR WALL AS SPECIFIED TOP AT +72" TOP AT +72" TOP AT +72" WALL FLOOR TOP AT +72" +60"	WALL MOUNTED TOP AT +72" IF WALL MOUNTED 14"W X 3"D 14"W X 3"D 20"W X 6"D 20"W X 6"D THESE SYMBOLS ARE GENERAL IN NATURE AND MAY VARY IN SIZE AND SHAPE TO SUIT APPLICATION. CROSS HATCHING INDICATES "MAIN PANELBOARD OR SWITCHBOARD" NAME IS INDICATED IN SEMI-QUOTES (I.E. 'L2A', 'MDP') FURNISH SWITCH UNLESS FURNISHED BY ANOTHER DIVISION. INSTALL AND CONNECT COMPLETE. REFER TO RELATED SPECIFICATION SECTIONS.
PO XX SYMBOL BET BET CO O O F CO O O O F CO O O O O O O O O O O O O O O O O O O	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE) FIRE ALARM SYN DESCRIPTION BEAM DETECTOR - TRANSMITTER BEAM DETECTOR - RECEIVER END OF LINE DEVICE TAMPER SWITCH WATER FLOW INDICATOR FIRE/SMOKE DAMPER HEAT DETECTOR SMOKE DETECTOR DUCT SMOKE DETECTOR FIRE ALARM MANUAL STATION CONTROL MODULE MONITOR MODULE FAN SHUTDOWN RELAY MAGNETIC DOOR HOLDER WATER FLOOD INDICATOR AUDIO HORN MINI AUDIO HORN FIRE ALARM VISUAL STROBE FIRE ALARM AUDIO/VISUAL HORN/STROBE	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED N/A MBOLS MOUNTING 4" BELOW CEILING TO TOP OF DETECTOR 4" BELOW CEILING TO TOP OF DETECTOR MANUFACTURER RECOMMENDED AT VALVE ON FIRE RISER CEILING CEILING SIDE OF DUCT +48" AT DEVICE(S) TO BE CONTROLLED AT DEVICE(S) TO MONITOR AT FAN CONTROL PANEL COORDINATE WITH DOOR INSTALLER FLOOR 80" MIN AND 96" MAX; MEASUREI FROM LENS. IF CEILING IS LESS THAN 80", MOUNT WITHIN	REMARKS REMARKS COORDINATE WITH DOOR INSTALLER; SUBSCRIPT 'F' INDICATES TO MOUNT AT FLOOR LEVEL SUBSCRIPT 'WP' INDICATES THAT A WEATHER PROOF BACK BOX IS REQ. SUBSCRIPT 'C' INDICATES CEILING MOUNTING. NUMERIC SUBSCRIPT INDICATES	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH FOUR-WAY TOGGLE SWITCH KEY-OPERATED SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT DIMMER SWITCH TIMER SWITCH OCCUPANCY SENSOR LOW VOLTAGE SWITCH 3-POSITION MOMENTARY CONTACT SWITCH OCCUPANCY SENSOR DIGITAL DAYLIGHT SENSOR WALL MOUNT GRAPHIC TOUCH PAD CONTROLLER EMERGENCY CONTROLLER POWER PACK ROOM CONTROLLER	#48" +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" CEILING CEILING CEILING ACCESSIBLE ABOVE CEILING	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED. RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO LOW VOLTAGE SWITCH SCHEDULE FOR MORE INFORMATION "#" SPECIFIES TYPE REFER TO DETAIL UP-ON; CENTER-NEUTRAL; DOWN-OFF UP-ON; CENTER-OFF; DOWN-ON "a" LOWER CASE SPECIFIES ZONE "#" SPECIFIES TYPE "a" LOWER CASE LETTER SPECIFIES ZONE "#" SPECIFIES THE FOOTCANDLE SETTING		MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) REDUCED VOLTAGE STARTER LOAD CENTER (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (FLUSH-MOUNTED) POWER DISTRIBUTION PANELBOARD METER BASE OPEN - STOP - CLOSE SWITCH HVAC THERMOSTAT HAND - OFF - AUTO SWITCH	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED FLOOR OR WALL AS SPECIFIED TOP AT +72" TOP AT +72" TOP AT +72" WALL FLOOR TOP AT +72" +60"	WALL MOUNTED TOP AT +72" IF WALL MOUNTED 14"W X 3"D 14"W X 3"D 20"W X 6"D 20"W X 6"D THESE SYMBOLS ARE GENERAL IN NATURE AND MAY VARY IN SIZE AND SHAPE TO SUIT APPLICATION. CROSS HATCHING INDICATES "MAIN PANELBOARD OR SWITCHBOARD" NAME IS INDICATED IN SEMI-QUOTES (I.E. 'L2A', 'MDP') FURNISH SWITCH UNLESS FURNISHED BY ANOTHER DIVISION. INSTALL AND CONNECT COMPLETE. REFER TO RELATED SPECIFICATION SECTIONS.
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SYMBOL SYMBOL BET BET COL FINANCE SYMBOL SYMBOL	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE TIME CLOCK EMERGENCY LIGHT FIXTURE ELECTRIC PHOTOCELL LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE) FIRE ALARM SYN DESCRIPTION BEAM DETECTOR - TRANSMITTER BEAM DETECTOR - RECEIVER END OF LINE DEVICE TAMPER SWITCH WATER FLOW INDICATOR FIRE/SMOKE DAMPER HEAT DETECTOR SMOKE DETECTOR FIRE ALARM MANUAL STATION CONTROL MODULE MONITOR MODULE MONITOR MODULE FAN SHUTDOWN RELAY MAGNETIC DOOR HOLDER WATER FLOOD INDICATOR AUDIO HORN MINI AUDIO HORN FIRE ALARM VISUAL STROBE FIRE ALARM AUDIO/VISUAL HORN/STROBE MINI AUDIO/VISUAL DEPAKER FIRE ALARM AUDIO/VISUAL SPEAKER/STROBE	ABOVE DOOR WALL ABOVE DOOR +60" AS NOTED N/A MBOLS MOUNTING 4" BELOW CEILING TO TOP OF DETECTOR 4" BELOW CEILING TO TOP OF DETECTOR MANUFACTURER RECOMMENDED AT VALVE ON FIRE RISER CEILING CEILING CEILING SIDE OF DUCT +48" AT DEVICE(S) TO BE CONTROLLED AT DEVICE(S) TO MONITOR AT FAN CONTROL PANEL COORDINATE WITH DOOR INSTALLER FLOOR 80" MIN AND 96" MAX; MEASUREI FROM LENS. IF CEILING IS LESS THAN 80", MOUNT WITHIN 6" OF CEILING.	MOUNT ON ROOF FACING NORTH SKY REMARKS REMARKS COORDINATE WITH DOOR INSTALLER; SUBSCRIPT 'F' INDICATES TO MOUNT AT FLOOR LEVEL SUBSCRIPT 'WP' INDICATES THAT A WEATHER PROOF BACK BOX IS REQ. SUBSCRIPT 'C' INDICATES CEILING MOUNTING. NUMERIC SUBSCRIPT INDICATES CANDELLA RATING OF STROBE (I.E 15, 75, 110)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	DESCRIPTION SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH DOUBLE-POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH FOUR-WAY TOGGLE SWITCH KEY-OPERATED SINGLE-POLE TOGGLE SWITCH SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT DIMMER SWITCH TIMER SWITCH OCCUPANCY SENSOR LOW VOLTAGE SWITCH 3-POSITION MOMENTARY CONTACT SWITCH OCCUPANCY SENSOR DIGITAL DAYLIGHT SENSOR WALL MOUNT GRAPHIC TOUCH PAD CONTROLLER EMERGENCY CONTROLLER POWER PACK ROOM CONTROLLER SECURITY SYMB	MOUNTING +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" +48" CEILING CEILING CEILING ACCESSIBLE ABOVE CEILING	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED. RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE REFER TO OCCUPANCY SENSOR SCHEDULE FOR MORE INFORMATION REFER TO LOW VOLTAGE SWITCH SCHEDULE FOR MORE INFORMATION "#" SPECIFIES TYPE REFER TO DETAIL UP-ON; CENTER-NEUTRAL; DOWN-OFF UP-ON; CENTER-OFF; DOWN-ON "a" LOWER CASE SPECIFIES ZONE "#" SPECIFIES TYPE "a" LOWER CASE LETTER SPECIFIES ZONE "#" SPECIFIES THE FOOTCANDLE SETTING THE SENSOR SHALL BE SET TO REMARKS SUBSCRIPT DENOTES DEGREES OF		MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMBINATION MAGNETIC STARTER / FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) REDUCED VOLTAGE STARTER LOAD CENTER (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED) LIGHTING AND APPLIANCE PANELBOARD (FLUSH-MOUNTED) POWER DISTRIBUTION PANELBOARD METER BASE OPEN - STOP - CLOSE SWITCH HVAC THERMOSTAT HAND - OFF - AUTO SWITCH	TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED FLOOR OR WALL AS SPECIFIED TOP AT +72" TOP AT +72" TOP AT +72" WALL FLOOR TOP AT +72" +60"	WALL MOUNTED TOP AT +72" IF WALL MOUNTED 14"W X 3"D 20"W X 6"D 20"W X 6"D THESE SYMBOLS ARE GENERAL IN NATURE AND MAY VARY IN SIZE AND SHAPE TO SUIT APPLICATION: CROSS HATCHING INDICATES "MAIN PANELBOARD OR SWITCHBOARD" NAME IS INDICATED IN SEMI-QUOTES (I.E. 'L2A', 'MDP') FURNISH SWITCH UNLESS FURNISHED BY ANOTHER DIVISION. INSTALL AND CONNECT COMPLETE. REFER TO RELATED SPECIFICATION SECTIONS. PROVIDED BY DIVISION 23
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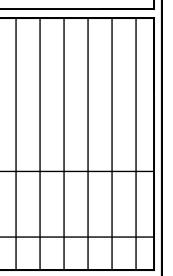
SIREN

CEILING

+90"







PROJECT NUMBER: 500021624010101 4 DEC 2025 PROPERTY NUMBER: 5000216

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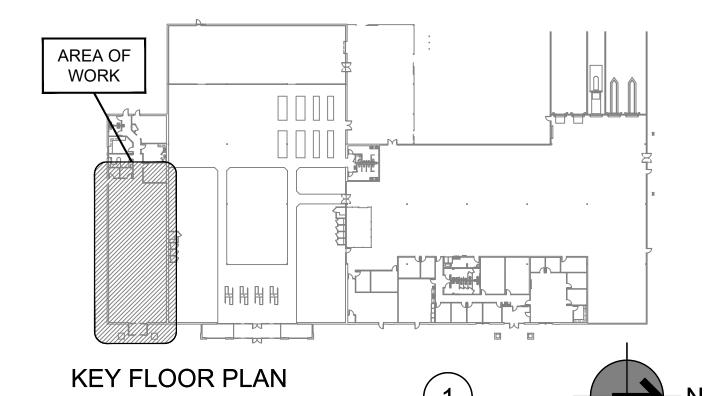
SYMBOL SCHEDULES AND NOTES

240 E. MORRIS AVE, SUITE 200 SALT LAKE CITY, UT 84115 P (801) 534-1130

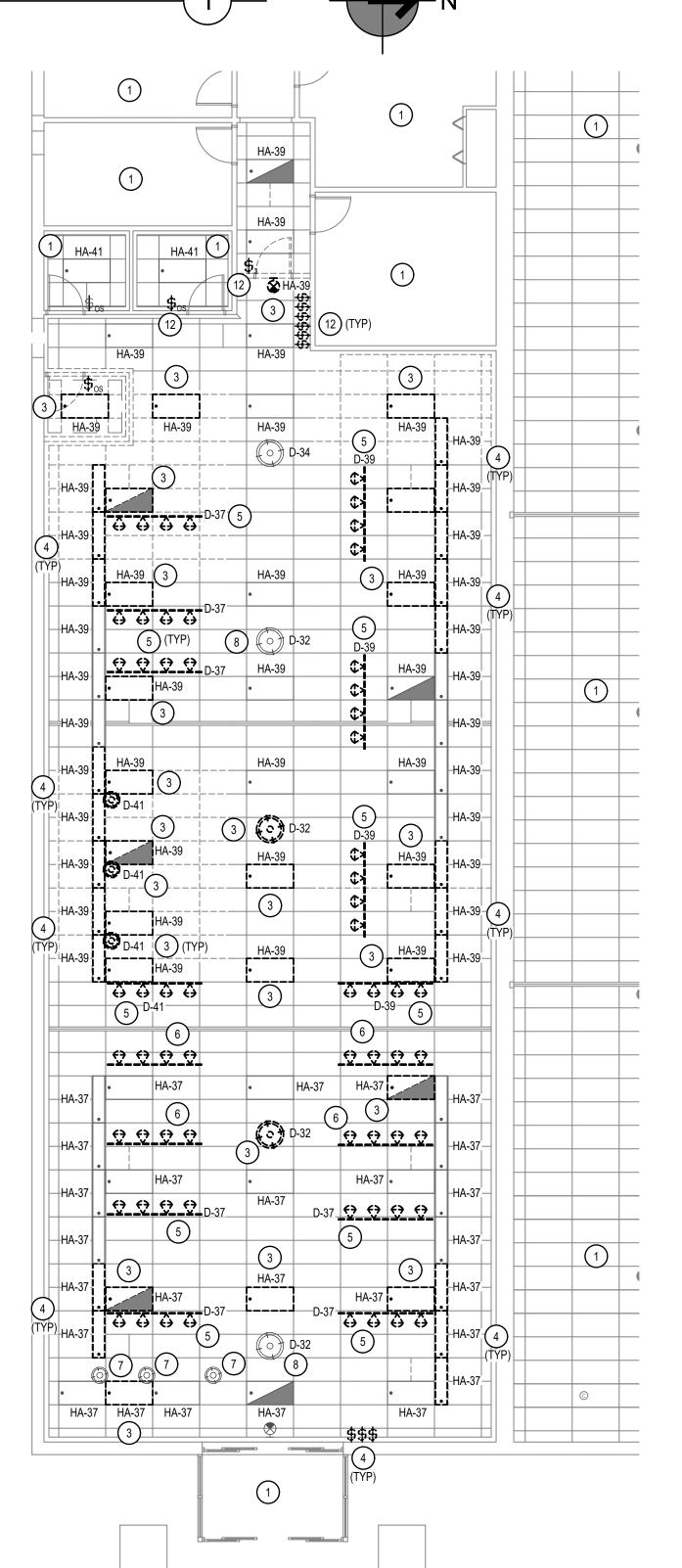
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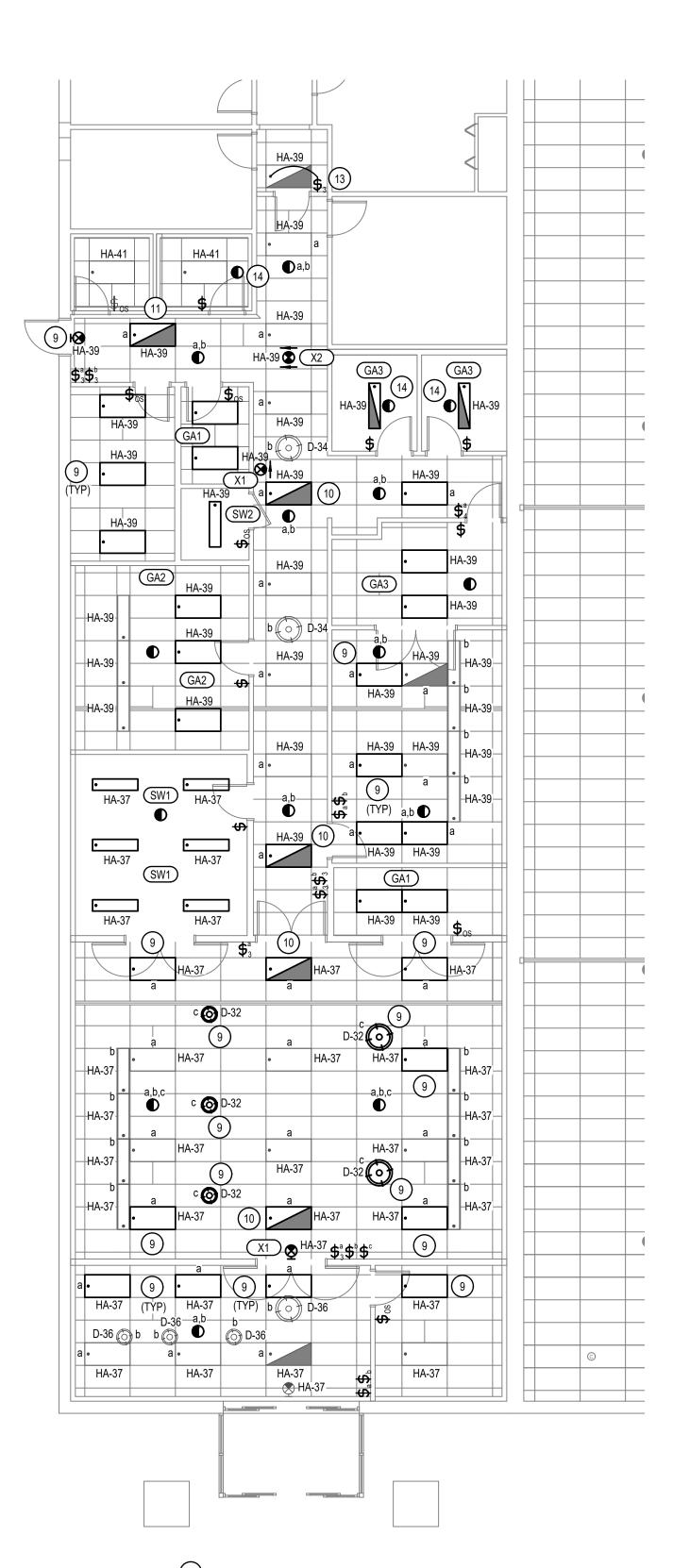


SCALE: 1/64" = 1'-0"



LIGHTING DEMOLITION PLAN

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



KEYED NOTES: #

- EXISTING LIGHT FIXTURES, CONTROLS AND BRANCH CIRCUITS IN THIS AREA TO REMAIN IN PLACE. REWIRE EXISTING LIGHTING AS NECESSARY TO REMAIN OPERATIONAL DURING ALL PHASES OF THE CONSTRUCTION. CONTRACTOR SHALL TRACE OUT ALL BRANCH CIRCUITS PRIOR TO THE START OF THE DEMOLITION.
- PANEL HA IS LOCATED ON THE MEZZANINE IN THE DI PORTION OF THE BUILDING. PANEL D IS LOCATED IN THE STORAGE ROOM TO THE NORTH OF THIS SPACE. SEE POWER PLAN EP101 FOR
- DISCONNECT, AND CAREFULLY REMOVE THE EXISTING LIGHT FIXTURE OR EXIT SIGN AND STORE FOR REUSE. ANY DAMAGE DONE TO THE PARABOLIC LENS OR FIXTURE WILL BE REPAIRED AND OR REPLACED AT NO COST TO THE OWNER. EXISTING BRANCH CIRCUIT TO REMAIN IN PLACE FOR REUSE. CONTRACTOR SHALL TRACE OUT BRANCH CIRCUIT PRIOR TO THE START OF THE
- DISCONNECT, REMOVE AND RETURN TO OWNER OR DISPOSE OF EXISTING LIGHT FIXTURE. CONFIRM PRIOR TO REMOVAL. EXISTING BRANCH CIRCUIT TO REMAIN IN PLACE FOR REUSE. CONTRACTOR SHALL TRACE OUT BRANCH CIRCUIT PRIOR TO THE START OF THE DEMOLITION.
- DISCONNECT, REMOVE AND RETURN TO OWNER OR DISPOSE OF EXISTING LIGHT FIXTURE. CONFIRM PRIOR TO REMOVAL. EXISTING BRANCH CIRCUIT TO BE REMOVED BACK TO THE SOURCE COMPLETELY. CONTRACTOR SHALL TRACE OUT BRANCH CIRCUIT PRIOR TO THE START OF THE DEMOLITION.
- DISCONNECT, REMOVE AND RETURN TO OWNER OR DISPOSE OF EXISTING LIGHT FIXTURE. CONFIRM PRIOR TO REMOVAL. IT IS UNKNOWN WHAT CIRCUIT FEEDS THIS FIXTURE. IF CIRCUIT FEEDS FIXTURES THAT ARE TO REMAIN IN PLACE, REMOVE CIRCUIT BACK TO FIXTURES THAT ARE TO REMAIN. IF CIRCUIT IS DEDICATED TO THE FIXTURE(S) REMOVE BACK TO THE SOURCE COMPLETELY. CONTRACTOR SHALL TRACE OUT BRANCH CIRCUIT PRIOR TO THE START OF THE DEMOLITION.
- IT IS UNKNOWN WHAT CIRCUIT FEEDS THIS FIXTURE. IF CIRCUIT FEEDS FIXTURES THAT ARE TO REMAIN IN PLACE, REMOVE CIRCUIT BACK TO FIXTURES THAT ARE TO REMAIN. IF CIRCUIT IS DEDICATED TO THE FIXTURE(S) REMOVE BACK TO THE SOURCE COMPLETELY. CONTRACTOR SHALL TRACE OUT BRANCH CIRCUIT PRIOR TO THE START OF THE DEMOLITION.
- DISCONNECT CIRCUIT FROM FIXTURE AND REMOVE TO AN ACCESSIBLE LOCATION OR FIXTURE THAT IS TO REMAIN IN PLACE.
- REINSTALL EXISTING LIGHT FIXTURE OR EXIT SIGN THAT WAS REMOVED DURING THE DEMOLITION AND CONNECT TO THE CIRCUIT AS SHOWN.
- REINSTALL EXISTING EMERGENCY LIGHT FIXTURE THAT WAS REMOVED DURING THE DEMOLITION. CONNECT TO UNSWITCHED HOT CONDUCTOR ON LIGHTING CIRCUIT FEEDING THE LIGHT FIXTURES.
- PROVIDE NEW EMERGENCY BATTERY IN EXISTING FLUORESCENT FIXTURE. CONNECT TO UNSWITCHED HOT CONDUCTOR ON LIGHTING CIRCUIT FEEDING THE LIGHT FIXTURES.
- DISCONNECT, REMOVE AND DISPOSE OF EXISTING LIGHTING CONTROLS. REMOVE EXISTING BRANCH CIRCUIT TO AN ACCESSIBLE LOCATION FOR REUSE.
- PROVIDE NEW LIGHTING CONTROLS AS SHOWN. CONNECT TO EXISTING HALLWAY LIGHTING.
- PROVIDE ALL NECESSARY POWER PACKS TO SWITCH THE 277V LIGHTS AND 120V EXHAUST FAN WITH THE MANUAL CONTROL AND OCCUPANCY SENSOR.

GENERAL DEMOLITION NOTES:

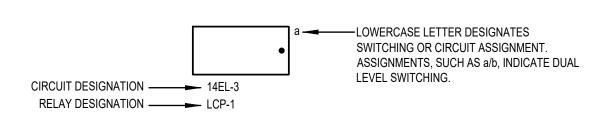
- UNLESS SPECIFICALLY NOTED OTHERWISE, REMOVE ALL ELECTRICAL ITEMS SHOWN IN DARK AND DASHED LINES. LIGHT AND SOLID ITEMS ARE TO REMAIN. DEMOLITION ITEMS ARE SHOWN TO GIVE A BASIC DESCRIPTION OF THE EXTENT OF DEMOLITION WORK, BUT MAY NOT BE INCLUSIVE. PROVIDE DEMOLITION WORK IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:
- DISCONNECT AND REMOVE ANY / ALL FIXTURES, DEVICES, EQUIPMENT, ETC. REQUIRED FOR PROPER COMPLETION OF THE WORK WHETHER SHOWN OR NOT.
- RELOCATE, REWIRE, AND / OR RECONNECT ANY / ALL FIXTURES, DEVICES, EQUIPMENT,

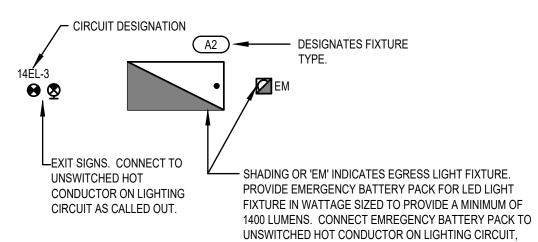
ETC. THAT FOR ANY REASON OBSTRUCTS CONSTRUCTION.

- LEAVE ALL EXISTING FIXTURES, DEVICES, EQUIPMENT, ETC. IN PORTIONS OF THE BUILDING NOT BEING REMODELED, IN WORKING CONDITION. RESTORE ALL INTERRUPTED BRANCH CIRCUITS, FEEDERS, ETC.
- REMOVE AND DISPOSE OF ALL RACEWAYS, CONDUCTORS, BOXES, DEVICES, EQUIPMENT, ETC. THAT ARE NOT TO BE REUSED. TERMINATE AT ACCESSIBLE JUNCTION BOX BY PROVIDING PROPER KNOCK-OUT CLOSURE, TAPE CONDUCTORS, LABEL AS "SPARE" WITH CIRCUIT NO., ZONE NO., OR OTHER CHARACTERISTIC IDENTIFYING
- EXISTING RACEWAYS MAY BE REUSED, IF IN PLACE, WHERE POSSIBLE, AND WHERE IN COMPLIANCE WITH THE SPECIFICATIONS AND THE INTENT OF THE CONTRACT DOCUMENTS. UPGRADE AND OR PROVIDE NEW CONDUIT SUPPORTS WHERE NECESSARY FOR ALL RACEWAYS BEING REUSED. ENSURE INTEGRITY OF EXISTING RACEWAYS BEFORE REUSE.
- CONCEAL ALL RACEWAY AND WIRING IN EXISTING WALLS, CEILING, FLOOR, ETC. THE USES OF WIREMOLD IS PERMITTED ONLY WHERE SPECIFICALLY NOTED ON DRAWING.
- DO NOT PENETRATE STRUCTURAL ELEMENTS OF FLOORS, WALLS, CEILINGS, ROOFS,
- H. COORDINATE WITH OWNER WHAT EQUIPMENT SHOULD BE DISPOSED OF AND WHAT EQUIPMENT IS TO BE RETURNED TO OWNER.
- FIRE ALARM SYSTEM MUST REMAIN OPERATIONAL DURING ALL PHASES OF
- ANY EXISTING CONDUITS, BOXES, ETC. THAT ARE LOCATED IN THE AFFECTED CONSTRUCTION AREA SHALL BE RELOCATED OR RE-ROUTED AS NECESSARY.
- REMOVE ANY UNUSED BRANCH CIRCUITS BACK TO THE SOURCE COMPLETELY. TURN OFF BREAKER AND LABEL 'SPARE'.
- BRANCH CIRCUIT, IF SHOWN WERE TAKEN FROM EXISTING RECORD DRAWINGS AND PANEL SCHEDULES AND MAY NOT BE ACCURATE. CONTRACTOR SHALL TRACE OUT ALL CIRCUITS THAT WILL BE AFFECTED BY THIS PROJECT PRIOR TO ANY DEMOLITION.
- THIS AND ANY OTHER DEMOLITION DRAWINGS ARE NOT INTENDED TO BE ALL-INCLUSIVE, NOR TO DEFINE THE SCOPE OF ALL DEMOLITION WORK REQUIRED FOR THIS PROJECT. DEMOLITION DRAWINGS ARE SHOWN ONLY TO AID THE CONTRACTOR IN PREPARING THE BID AND PERFORMING THE WORK. CONTRACTOR SHALL EXAMINE ALL CONTRACT DOCUMENTS AND VISIT THE SITE DURING BIDDING TO DETERMINE THE TOTAL EXTENT AND SCOPE OF THE DEMOLITION PORTION OF THIS WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION WORK REQUIRED TO CARRY OUT THE WORK AS SHOWN IN THE CONTRACT DOCUMENTS.

GENERAL LIGHTING NOTES:

- REFER TO LIGHTING CONTROL SHEETS FOR TYPICAL CONTROL WIRING DIAGRAMS. PROVIDE COMPLETE SYSTEM WITH ALL REQUIRED CONDUIT, WIRING, SWITCHES, SENSORS, POWER
- LOCATE POWER PACKS AND ROOM CONTROLLERS ABOVE ACCESSIBLE CEILING NEAR ROOM ENTRANCES. WHERE ROOM DOES NOT HAVE AN ACCESSIBLE CEILING MOUNT IN AN ACCESSIBLE LOCATION IN EQUIPMENT OR ELECTRICAL ROOMS AND LABEL CONTROLLER WITH
- PROVIDE UNSWITCHED HOT CONDUCTOR FOR ALL EMERGENCY LIGHTS, EXIT SIGNS AND BATTERY PACKS.
- EXACT LOCATION OF LIGHT FIXTURES SHALL BE AS SHOWN ON THE ARCHITECTURAL REFLECTED CEILING PLAN.
- CEILING MOUNTED OCCUPANCY SENSORS SHALL NOT BE INSTALLED WITHIN 6 FEET OF ANY MECHANICAL DIFFUSER.
- THE DIVISION 26 CONTRACTOR SHALL DETERMINE THE EXACT ROUTING OF ALL CONDUITS AND CABLES IN THE FILED. THIS PLAN REPRESENTS A SCHEMATIC REPRESENTATION OF DEVICE
- DO NOT CONNECT, MOUNT OR SUPPORT ANY ELECTRICAL FROM DATA / COMM MOUNTING OR
- WIRE MANAGEMENT. CABLING SHALL BE RUN PERPENDICULAR AND PARALLEL TO SURFACES OF STRUCTURAL
- MEMBERS, AND FOLLOW SURFACE CONTOURS WHERE POSSIBLE.
- CONTRACTOR SHALL COORDINATE ALL WALL MOUNTED DEVICES, FIXTURES AND EQUIPMENT HEIGHTS AND LOCATIONS WITH THE ARCHITECT PRIOR TO ANY ROUGH-IN.





UNLESS NOTED OTHERWISE.

TYPICAL LIGHT FIXTURE CONVENTION



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PLANS

LIGHTING

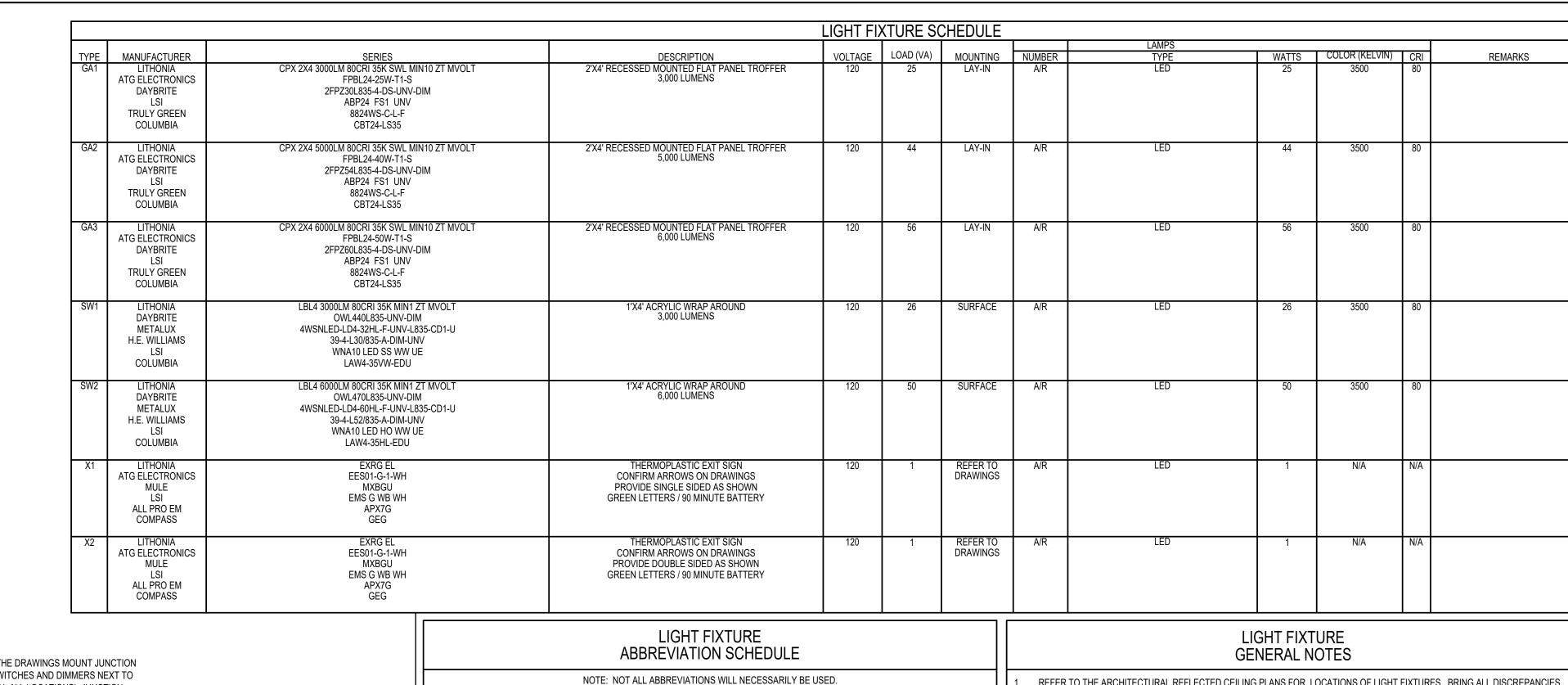
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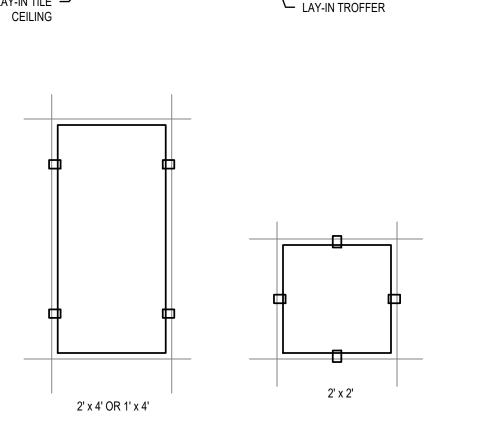
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LIGHTING PLAN SCALE: 1/8" = 1'-0"





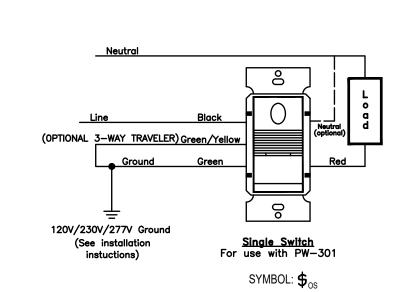
ANCHOR TO CONCRETE CEILING -

USING 3/4" PIN & ANGLE CLIP

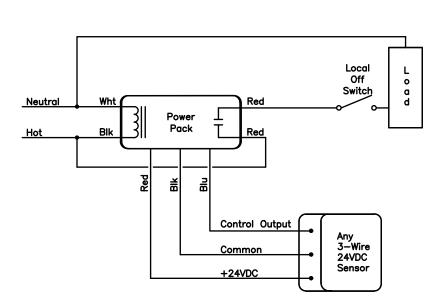
LAY-IN TILE

LIGHT FIXTURE SUPPORT DETAIL

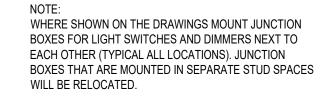
SUPPORT CLIP ARRANGEMENT DIAGRAMS

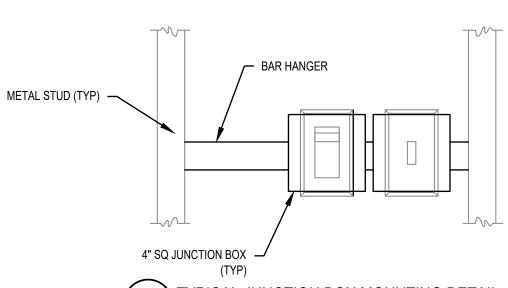


\ SWITCHED OCCUPANCY SENSOR WIRING DIAGRAM SCALE: NONE



\ ANY 3-WIRE 24VDC SENSOR WIRING DIAGRAM





WIRE HANGER AT EACH OF

OF CEILING SUPPORT

FOUR CORNERS INDEPENDENT

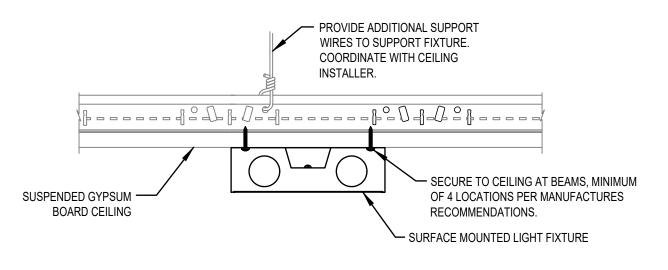
LAY-IN AND TROFFER LIGHT FIXTURE SUPPORT CLIP

(CADDY 515 OR 515A TO SUIT

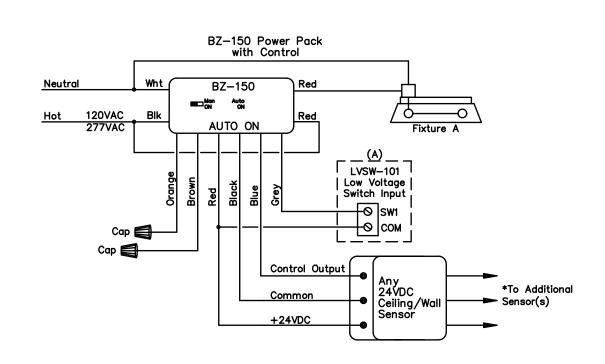
APPLICATION OR EQUIVALENT)

PROVIDE 4 CLIPS PER FIXTURE.

TYPICAL JUNCTION BOX MOUNTING DETAIL



\SURFACE MOUNTED LIGHT FIXTURE DETAIL



BZ-150 W-LV MANUAL SWITCH WIRING DIAGRAM

ABOVE FINISHED FLOOR

WALL MOUNT AT CORNER OF WALL AND CEILING

A.F.F.

CCBA CUSTOM PAINTED COLOR AS SELECTED BY THE ARCHITECT

SCBA STANDARD PAINTED COLOR AS SELECTED BY THE ARCHITECT

CFBA CUSTOM FINISH AS SELECTED BY THE ARCHITECT SFBA STANDARD FINISH AS SELECTED BY THE ARCHITECT

MOD MODIFY STANDARD LIGHT FIXTURE AS INDICATED

REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF LIGHT FIXTURES. BRING ALL DISCREPANCIES OF LOCATIONS AND QUANTITIES TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO BIDDING.

- REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS OF LIGHT FIXTURES. BRING ALL DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BIDDING.
- REFER TO THE SPECIFICATIONS FOR OTHER LIGHT FIXTURE, BALLAST, AND LAMP REQUIREMENTS AND ACCEPTABLE
- REFER TO ARCHITECTURAL DRAWINGS FOR LOUVER REQUIREMENTS (IF ANY).
- CONFIRM AVAILABLE MOUNTING DEPTHS OF ALL LIGHT FIXTURES AND COMPARE WITH DEPTHS SHOWN ON SHOP DRAWING. BRING ALL POTENTIAL CONFLICT AREAS TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO RELEASE.

BIDDING REQUIREMENTS

- BID ONLY PRODUCTS THAT ARE SPECIFIED OR APPROVED BY ADDENDUM.
- PACKAGING OF LIGHT FIXTURES WITH OTHER SYSTEMS IS $\underline{\mathsf{NOT}}$ ALLOWED.
- WHEN ONLY ONE PRODUCT IS APPROVED FOR BIDDING, THE PRICE FOR THAT ITEM SHALL BE BROKEN OUT SEPARATELY WHEN SUBMITTING PRICING TO VARIOUS DISTRIBUTORS AND/OR CONTRACTORS.
- WHEN A CONTRADICTION EXISTS BETWEEN A SPECIFIC MODEL NUMBER AND THE DESCRIPTION, THE DESCRIPTION SHALL GOVERN.

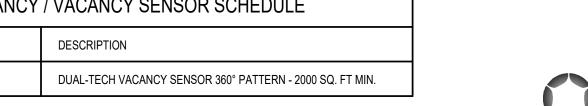
LIGHT FIXTURE PRIOR APPROVAL REQUIREMENTS

- PRIOR APPROVAL IS REQUIRED BEFORE BIDDING THIS PROJECT.
- PRIOR APPROVALS SHALL BE SUBMITTED TO THE ELECTRICAL ENGINEER'S OFFICE AT LEAST (8) EIGHT WORKING DAYS BEFORE THE BID. PRIOR APPROVALS RECEIVED AFTER THIS TIME PERIOD SHALL BE REJECTED.
- PRIOR APPROVALS SHALL BE SIGNED BY A PRINCIPAL OF THE SUBMITTING ORGANIZATION STATING THAT THEY HAVE PREPARED AND/OR REVIEWED THE SUBMITTAL AND THAT THE PRODUCTS PROPOSED ARE EQUIVALENT TO THOSE SPECIFIED. ANY EXCEPTIONS SHALL BE SO NOTED.
- ITEMS THAT ARE SUBMITTED AND HAVE BEEN APPROVED WILL BE LISTED IN THE ADDENDUM(S). VERBAL APPROVAL WILL NOT BE GIVEN ON ANY ITEM.
- 5. IT IS <u>NOT</u> THE RESPONSIBILITY OF THE ELECTRICAL ENGINEER TO NOTIFY THE SUBMITTING PARTY OF ERRORS IN THE SUBMITTAL. NOTIFICATION OF ERRORS BY THE ELECTRICAL ENGINEER PRIOR TO ISSUANCE OF THE ADDENDUM(S) MAY NOT BE
- 6. PRIOR APPROVALS SHALL CONSIST OF TWO SETS OF CUT SHEETS DESCRIBING THE PRODUCTS BEING SUBMITTED AS EQUIVALENTS. FAXES ARE <u>NOT</u> ACCEPTABLE. ALL SPECIFICATION INFORMATION SHALL BE CLEARLY MARKED, WITH NON-APPLICABLE INFORMATION CROSSED OUT. COMPLETE PHOTOMETRIC DATA SHALL BE PROVIDED. PRODUCTS WITHOUT PHOTOMETRIC DATA WILL BE <u>NOT BE</u> APPROVED.

SENSOR GENERAL NOTES:

- 1. THE SENSOR SUPPLIER SHALL INSURE THAT THE SENSOR THAT IS FURNISHED IS ADEQUATELY SIZED FOR AREA SERVED.
- 2. THE CONTRACTOR SHALL VERIFY ALL MOUNTING REQUIREMENTS AND LOCATIONS WITH THE SENSOR SUPPLIER AND MANUFACTURES WRITTEN INSTRUCTIONS PRIOR TO ROUGH-IN.
- 3. SET ALL SENSORS FOR A MAXIMUM OF 20 MINUTES TO TURN OFF LIGHTS. UNLESS OTHERWISE DIRECTED BY THE OWNER.
- 4. DO NOT MOUNT ANY SENSORS WITH IN 3' OF ANY AIR DIFFUSERS. COORDINATE WITH MECHANICAL FOR DIFFUSER LOCATIONS.
- 5. IF SENSOR IS MOUNTED IN THE WRONG LOCATION OR IS NOT ADEQUATE FOR THE AREA, THE SUPPLIER AND CONTRACTOR SHALL REPLACE THE SENSOR OR RELOCATE THE SENSOR AT NO EXTRA CHARGE.

	OCCUPANCY / VACANCY SENSOR SCHEDULE							
DEVIC	CE	MOUNTING	DESCRIPTION					
	D	CEILING	DUAL-TECH VACANCY SENSOR 360° PATTERN - 2000 SQ. FT MIN.					





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PROJECT NUMBER 500021624010101

4 DEC 2025

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LIGHTING

DETAILS AND SCHEDULES

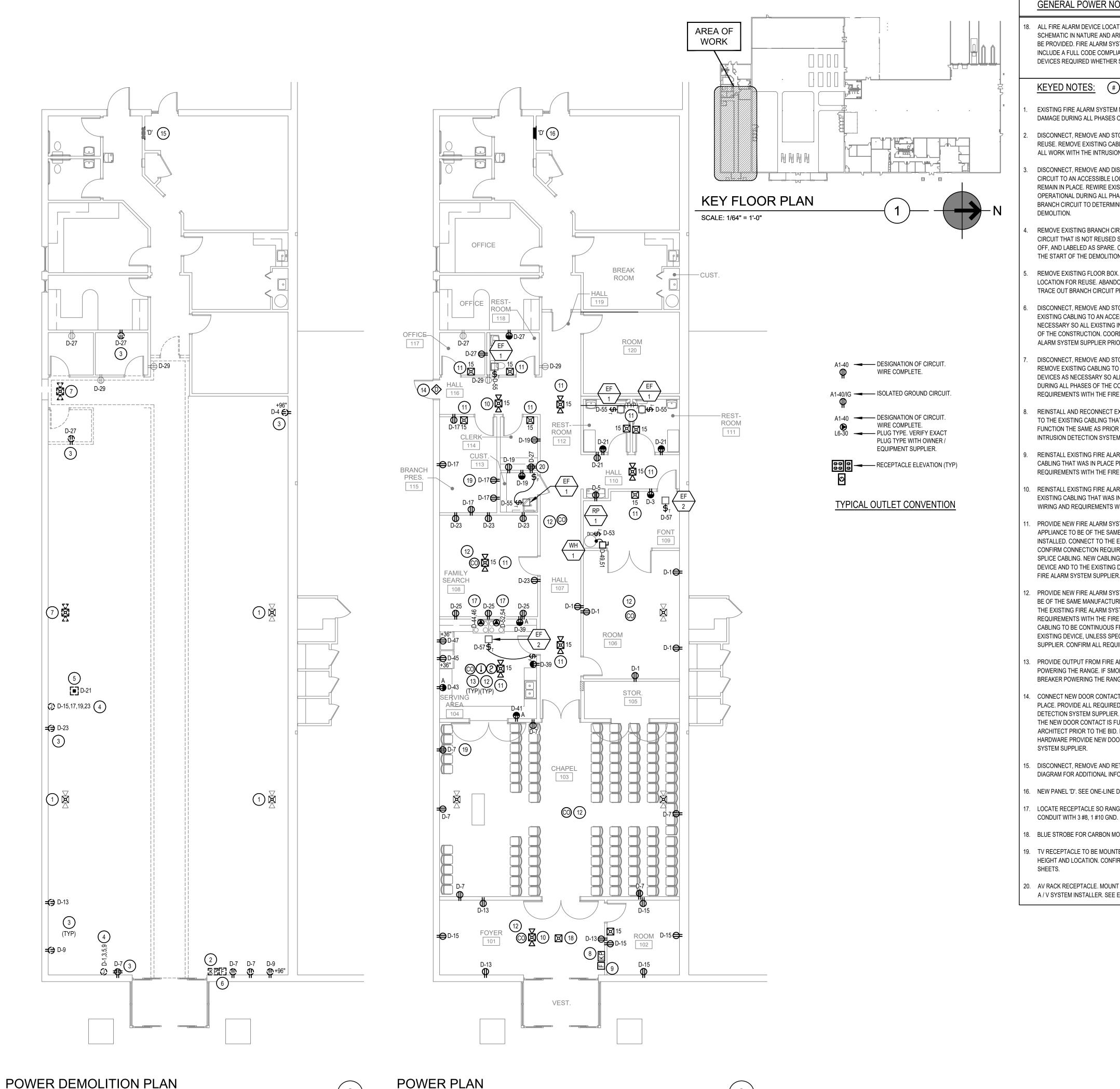
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2025/12/04

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GENERAL POWER NOTES:

ALL FIRE ALARM DEVICE LOCATIONS, EQUIPMENT LOCATIONS, RISER DIAGRAM, ETC., ARE SCHEMATIC IN NATURE AND ARE SHOWN TO PROVIDE INTENT OF THE FIRE ALARM SYSTEM TO BE PROVIDED. FIRE ALARM SYSTEM SUPPLIER SHALL PROVIDE BID AND SHOP DRAWINGS THAT INCLUDE A FULL CODE COMPLIANT DESIGN INCLUDING ALL NOTIFICATION AND INITIATION DEVICES REQUIRED WHETHER SHOWN OR NOT.

KEYED NOTES: (#)

- EXISTING FIRE ALARM SYSTEM NOTIFICATION APPLIANCE TO REMAIN IN PLACE. PROTECT FROM DAMAGE DURING ALL PHASES OF THE CONSTRUCTION.
- DISCONNECT, REMOVE AND STORE EXISTING INTRUSION DETECTION SYSTEM KEYPAD FOR REUSE. REMOVE EXISTING CABLING TO AN ACCESSIBLE LOCATION FOR REUSE. COORDINATE ALL WORK WITH THE INTRUSION DETECTION SYSTEM SUPPLIER PRIOR TO THE BID.
- DISCONNECT, REMOVE AND DISPOSE OF EXISTING RECEPTACLE. REMOVE EXISTING BRANCH CIRCUIT TO AN ACCESSIBLE LOCATION FOR REUSE OR BACK TO THE NEXT DEVICE THAT IS TO REMAIN IN PLACE. REWIRE EXISTING DEVICES ON THE CIRCUIT AS NECESSAR SO THEY REMAIN OPERATIONAL DURING ALL PHASES OF THE CONSTRUCTION. CONTRACTOR SHALL TRACE OUT BRANCH CIRCUIT TO DETERMINE ALL DEVICE ON THE CIRCUIT PRIOR TO THE START OF THE
- REMOVE EXISTING BRANCH CIRCUITS TO AN ACCESSIBLE LOCATION FOR REUSE. ANY BRANCH CIRCUIT THAT IS NOT REUSED SHALL BE REMOVED BACK TO THE SOURCE, BREAKER TURNED OFF, AND LABELED AS SPARE. CONTRACTOR SHALL TRACE OUT BRANCH CIRCUITS PRIOR TO THE START OF THE DEMOLITION.
- REMOVE EXISTING FLOOR BOX. REMOVE EXISTING BRANCH CIRCUIT BACK TO AN ACCESSIBLE LOCATION FOR REUSE. ABANDON ALL BELOW GRADE CONDUITS IN PLACE. CONTRACTOR SHALL TRACE OUT BRANCH CIRCUIT PRIOR TO THE START OF THE DEMOLITION.
- DISCONNECT, REMOVE AND STORE EXISTING FIRE ALARM SYSTEM INITIATING DEVICE. REMOVE EXISTING CABLING TO AN ACCESSIBLE LOCATION FOR REUSE. REWIRE EXISTING DEVICES AS NECESSARY SO ALL EXISTING INITIATING DEVICES REMAIN OPERATIONAL DURING ALL PHASES OF THE CONSTRUCTION. COORDINATE ALL WORK, WIRING AND REQUIREMENTS WITH THE FIRE ALARM SYSTEM SUPPLIER PRIOR TO THE BID.
- DISCONNECT, REMOVE AND STORE EXISTING FIRE ALARM SYSTEM NOTIFICATION APPLIANCE. REMOVE EXISTING CABLING TO AN ACCESSIBLE LOCATION OR REUSE. REWIRE EXISTING DEVICES AS NECESSARY SO ALL EXISTING NOTIFICATION APPLIANCES REMAIN OPERATIONAL DURING ALL PHASES OF THE CONSTRUCTION. COORDINATE ALL WORK, WIRING AND REQUIREMENTS WITH THE FIRE ALARM SYSTEM SUPPLIER PRIOR TO THE BID.
- REINSTALL AND RECONNECT EXISTING INTRUSION DETECTION SYSTEM KEYPAD. RECONNECT TO THE EXISTING CABLING THAT WAS IN PLACE PRIOR TO THE DEMOLITION. KEYPAD TO FUNCTION THE SAME AS PRIOR TO THE DEMOLITION. COORDINATE ALL WORK WITH THE INTRUSION DETECTION SYSTEM SUPPLIER PRIOR TO ANY ROUGH-IN.
- REINSTALL EXISTING FIRE ALARM SYSTEM INITIATING DEVICE. RECONNECT TO THE EXISTING CABLING THAT WAS IN PLACE PRIOR TO THE DEMOLITION. COORDINATE ALL WORK, WIRING AND REQUIREMENTS WITH THE FIRE ALARM SYSTEM SUPPLIER PRIOR TO ANY ROUGH-IN.
- REINSTALL EXISTING FIRE ALARM SYSTEM NOTIFICATION APPLIANCE. RECONNECT TO THE EXISTING CABLING THAT WAS IN PLACE PRIOR TO THE DEMOLITION. COORDINATE ALL WORK, WIRING AND REQUIREMENTS WITH THE FIRE ALARM SYSTEM SUPPLIER PRIOR TO AN ROUGH-IN.
- PROVIDE NEW FIRE ALARM SYSTEM NOTIFICATION APPLIANCE AS SHOWN. NEW NOTIFICATION APPLIANCE TO BE OF THE SAME MANUFACTURE (FIRE-LITE MS-5UD) AS THE EXISTING INSTALLED. CONNECT TO THE EXISTING FIRE ALARM SYSTEM NOTIFICATION APPLIANCE CIRCUIT CONFIRM CONNECTION REQUIREMENTS WITH THE FIRE ALARM SYSTEM SUPPLIER. DO NOT SPLICE CABLING. NEW CABLING TO BE CONTINUOUS FROM THE EXISTING DEVICE TO THE NEW DEVICE AND TO THE EXISTING DEVICE, UNLESS SPECIFICALLY DIRECTED OTHERWISE BY THE FIRE ALARM SYSTEM SUPPLIER. CONFIRM ALL REQUIREMENTS PRIOR TO ANY ROUGH-IN.
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- PROVIDE OUTPUT FROM FIRE ALARM CONTROL PANEL TO ACTIVATE THE SHUNT-TRIP BREAKER POWERING THE RANGE. IF SMOKE DETECTOR OR HEAT DETECTOR IS ACTIVATED, THE CIRCUIT BREAKER POWERING THE RANGE WILL OPEN AND DISCONNECT THE LOAD.
- CONNECT NEW DOOR CONTACT TO THE EXISTING INTRUSION DETECTION SYSTEM THAT IS IN PLACE. PROVIDE ALL REQUIRED CABLING AND TERMINATIONS AS DIRECTED BY THE INTRUSION DETECTION SYSTEM SUPPLIER. CONFIRM ALL REQUIREMENTS PRIOR TO THE BID. IT IS ASSUME THE NEW DOOR CONTACT IS FURNISHED WITH THE DOOR HARDWARE, CONFIRM WITH THE ARCHITECT PRIOR TO THE BID. IF THE DOOR CONTACT IS NOT FURNISHED WITH THE DOOR HARDWARE PROVIDE NEW DOOR CONTACT AS DIRECTED BY THE INTRUSION DETECTION SYSTEM SUPPLIER.
- DISCONNECT, REMOVE AND RETURN EXISTING PANEL TO THE OWNER. SEE DEMO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- NEW PANEL 'D'. SEE ONE-LINE DIAGRAM AND PANEL SCHEDULE FOR ADDITIONAL INFORMATION.
- LOCATE RECEPTACLE SO RANGE WILL SIT TIGHT TO THE WALL. WIRING TO RANGE TO BE 3/4"
- BLUE STROBE FOR CARBON MONOXIDE DETECTION NOTIFICATION.
- TV RECEPTACLE TO BE MOUNTED IN THE RECESSED TV BOX. SEE ET DRAWINGS FOR MOUNTING HEIGHT AND LOCATION. CONFIRM INSTALLATION WITH THE A/V SYSTEM INSTALLER. SEE ET
- AV RACK RECEPTACLE. MOUNT IN 12"x12" BOX BEHIND RACK. CONFIRM INSTALLATION WITH THE A / V SYSTEM INSTALLER. SEE ET SHEETS.

GENERAL DEMOLITION NOTES:

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- LEAVE ALL EXISTING FIXTURES, DEVICES, EQUIPMENT, ETC. IN PORTIONS OF THE BUILDING NOT BEING REMODELED, IN WORKING CONDITION. RESTORE ALL INTERRUPTED BRANCH CIRCUITS, FEEDERS, ETC.

ETC. THAT FOR ANY REASON OBSTRUCTS CONSTRUCTION.

- REMOVE AND DISPOSE OF ALL RACEWAYS, CONDUCTORS, BOXES, DEVICES, EQUIPMENT, ETC. THAT ARE NOT TO BE REUSED. TERMINATE AT ACCESSIBLE JUNCTION BOX BY PROVIDING PROPER KNOCK-OUT CLOSURE, TAPE CONDUCTORS, LABEL AS "SPARE" WITH CIRCUIT NO., ZONE NO., OR OTHER CHARACTERISTIC IDENTIFYING
- EXISTING RACEWAYS MAY BE REUSED, IF IN PLACE, WHERE POSSIBLE, AND WHERE IN COMPLIANCE WITH THE SPECIFICATIONS AND THE INTENT OF THE CONTRACT DOCUMENTS. UPGRADE AND OR PROVIDE NEW CONDUIT SUPPORTS WHERE NECESSARY FOR ALL RACEWAYS BEING REUSED. ENSURE INTEGRITY OF EXISTING RACEWAYS BEFORE REUSE.
- CONCEAL ALL RACEWAY AND WIRING IN EXISTING WALLS, CEILING, FLOOR, ETC. THE USES OF WIREMOLD IS PERMITTED ONLY WHERE SPECIFICALLY NOTED ON DRAWING.
- G. DO NOT PENETRATE STRUCTURAL ELEMENTS OF FLOORS, WALLS, CEILINGS, ROOFS,
- COORDINATE WITH OWNER WHAT EQUIPMENT SHOULD BE DISPOSED OF AND WHAT EQUIPMENT IS TO BE RETURNED TO OWNER.
- FIRE ALARM SYSTEM MUST REMAIN OPERATIONAL DURING ALL PHASES OF CONSTRUCTION.
- ANY EXISTING CONDUITS, BOXES, ETC. THAT ARE LOCATED IN THE AFFECTED CONSTRUCTION
- REMOVE ANY UNUSED BRANCH CIRCUITS BACK TO THE SOURCE COMPLETELY. TURN OFF BREAKER AND LABEL 'SPARE'.

AREA SHALL BE RELOCATED OR RE-ROUTED AS NECESSARY.

- BRANCH CIRCUIT, IF SHOWN WERE TAKEN FROM EXISTING RECORD DRAWINGS AND PANEL SCHEDULES AND MAY NOT BE ACCURATE. CONTRACTOR SHALL TRACE OUT ALL CIRCUITS THAT WILL BE AFFECTED BY THIS PROJECT PRIOR TO ANY DEMOLITION.
- THIS AND ANY OTHER DEMOLITION DRAWINGS ARE NOT INTENDED TO BE ALL-INCLUSIVE, NOR TO DEFINE THE SCOPE OF ALL DEMOLITION WORK REQUIRED FOR THIS PROJECT. DEMOLITION DRAWINGS ARE SHOWN ONLY TO AID THE CONTRACTOR IN PREPARING THE BID AND PERFORMING THE WORK. CONTRACTOR SHALL EXAMINE ALL CONTRACT DOCUMENTS AND VISIT THE SITE DURING BIDDING TO DETERMINE THE TOTAL EXTENT AND SCOPE OF THE DEMOLITION PORTION OF THIS WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION WORK REQUIRED TO CARRY OUT THE WORK AS SHOWN IN THE CONTRACT DOCUMENTS.

GENERAL POWER NOTES:

- THE CONTRACTOR SHALL TRACE ALL EXISTING CIRCUITS AND CONFIRM ALL DEVICES ON THE CIRCUIT PRIOR TO ANY DEMOLITION.
- THE DIVISION 26 CONTRACTOR SHALL DETERMINE THE EXACT ROUTING OF ALL CONDUITS AND CABLES IN THE FILED. THIS PLAN REPRESENTS A SCHEMATIC REPRESENTATION OF DEVICE
- DO NOT CONNECT, MOUNT OR SUPPORT ANY ELECTRICAL FROM DATA / COMM MOUNTING OR WIRE MANAGEMENT.
- CABLING SHALL BE RUN PERPENDICULAR AND PARALLEL TO SURFACES OF STRUCTURAL
- PROVIDE A MINIMUM OF 12" SEPARATION BETWEEN POWER AND COMMUNICATION CONDUITS.
- CONTRACTOR SHALL COORDINATE ALL WALL MOUNTED DEVICES, FIXTURES AND EQUIPMENT
- ALL 120V, 20AMP OUTLETS THAT ARE WITHIN 6' OF ANY SINK SHALL BE GFCI.

HEIGHTS AND LOCATIONS WITH THE ARCHITECT PRIOR TO ANY ROUGH-IN.

MEMBERS, AND FOLLOW SURFACE CONTOURS WHERE POSSIBLE.

- SEE ME AND ET SHEETS FOR REQUIRED RACEWAY AND BOXES FOR TEMPERATURE CONTROL, TELEPHONE, DATA, SOUND, VIDEO, SATELLITE AND TV SYSTEMS.
- THE CONTRACTOR SHALL VERIFY ALL MECHANICAL OVERCURRENT DEVICES FOR THE ACTUAL MECHANICAL EQUIPMENT SUPPLIED ON THE JOB, PRIOR TO ANY WORK BEING DONE. IF THE CONTRACTOR FAILS TO COORDINATE ANY CHANGES WILL BE DONE AT NO ADDITIONAL COST TO THE OWNER. CONTACT THE ELECTRICAL ENGINEER WITH ANY DISCREPANCIES.
- PROVIDE LAMINATE LABEL ON NEW DISCONNECTS (FUSED, NON-FUSED, MANUAL STARTERS) WITH PANEL NAME, BRANCH CIRCUIT AND UNIT SERVED.
- ALL NEW DISCONNECTS SHALL BE INSTALLED IN A LOCATION WHERE ALL NEC CLEAR SPACE AND WORKING SPACE REQUIREMENTS ARE MAINTAINED. SEE NEC 110.26 FOR SPACES ABOUT ELECTRICAL EQUIPMENT REQUIREMENTS. COORDINATE LOCATION WITH THE MECHANICAL CONTRACTOR AND MECHANICAL EQUIPMENT IN THE SPACE PRIOR TO ANY ROUGH-IN.
- OUTLETS ON EXTERIOR WALLS MUST BE PROVIDED WITH AIR TIGHT J-BOXES. SEE SPECIFICATIONS FOR REQUIREMENTS.
- COORDINATE ALL WALL MOUNTED LOCATIONS WITH THE ARCHITECT.
- DO NOT LOCATE ANY FIRE ALARM DEVICES BEHIND DOORS OR SHELVING REFER TO THE ARCHITECTURAL DRAWINGS FOR SHELVING LOCATIONS.
- THE DIVISION 28 CONTRACTOR SHALL DETERMINE THE EXACT ROUTING OF ALL CONDUITS IN THE FIELD. THIS PLAN REPRESENTS A SCHEMATIC REPRESENTATION OF DEVICE LOCATIONS.
- ALL CONDUITS THAT TERMINATE ABOVE THE CEILING SHALL TERMINATE WITH NYLON BUSHING.
- CONTRACTOR SHALL COORDINATE ALL CEILING MOUNTED DEVICES WITH THE LIGHTING PLANS. RELOCATE DEVICES AS NECESSARY. RELOCATED DEVICES SHALL COMPLY WITH ALL NFPA SPACING REQUIREMENTS.



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

POWER PLAN

ENV: 2025-197.00

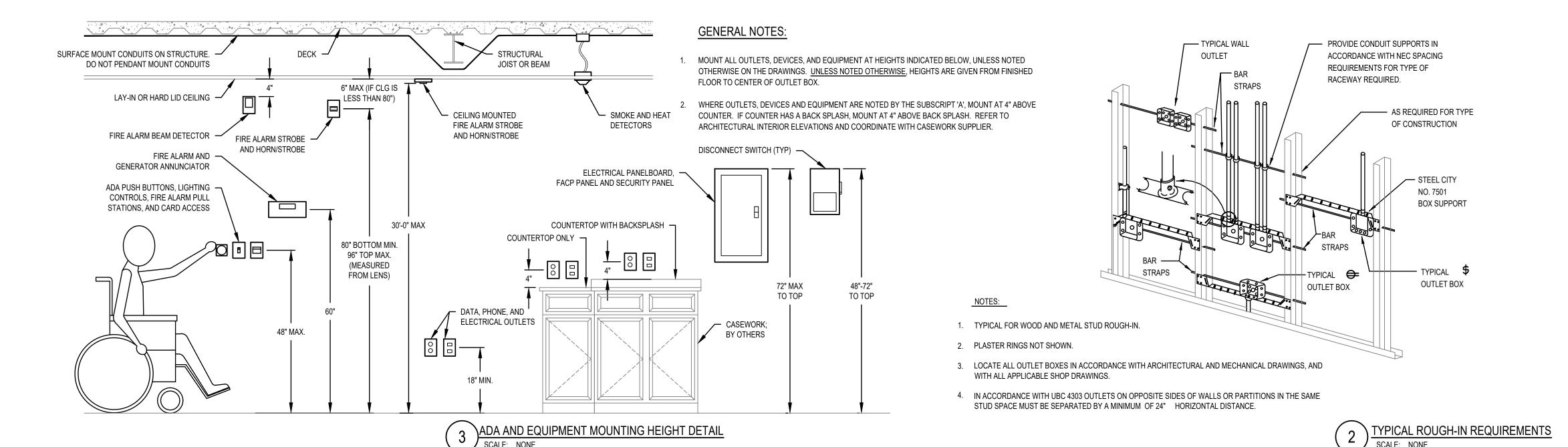
No.264397

2025/12/04

500021624010101

5000216 SK/SP DW

POWER PLANS



IF PANEL BOARD IS FEED FROM A TRANSFORMER LOCATED IN THE SAME ROOM AS THE PANEL. THE TOTAL LENGTH OF BRANCH CIRCUITS SHALL NOT EXCEED THE FOLLOWING:

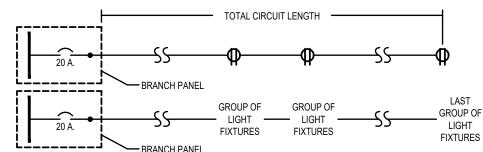
		120 VOLTS	277 VOLTS
a -	USING #12 AWG	90 FT.	180 FT.
b -	USING #10 AWG	150 FT.	300 FT.
c -	USING #8 AWG	250 FT.	450 FT.
d -	USING #6 AWG	380 FT.	700 FT.

THE ABOVE CIRCUIT LENGTHS ARE BASED ON 4% VOLTAGE DROP AT 16 AMPS LOAD AT THE END OF THE CIRCUIT. SAME WIRE SIZE SHALL BE USED FOR THE ENTIRE CIRCUIT.

IF PANELBOARD IS FEED FROM A TRANSFORMER LOCATED REMOTELY FROM THE PANEL. THE TOTAL LENGTH OF BRANCH CIRCUITS SHALL NOT EXCEED THE FOLLOWING:

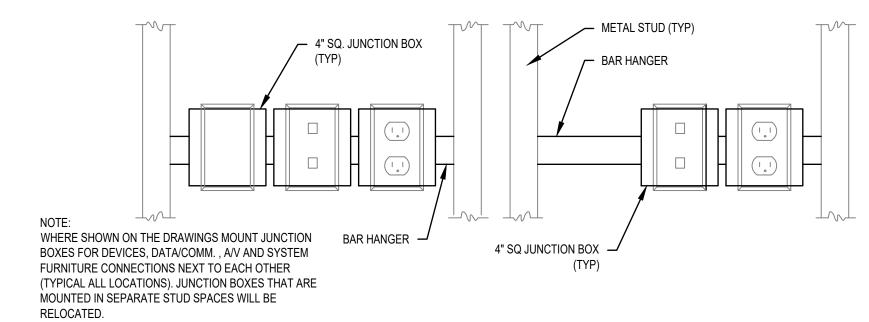
	120 VOLTS	277 VOLTS
a - USING #12 AWG	75 FT.	180 FT.
b - USING #10 AWG	125 FT.	260 FT.
c - USING #8 AWG	205 FT.	420 FT.
d - USING #6 AWG	325 FT.	660 FT.

THE ABOVE CIRCUIT LENGTHS ARE BASED ON 3% VOLTAGE DROP AT 16 AMPS LOAD AT THE END OF THE CIRCUIT. SAME WIRE SIZE SHALL BE USED FOR THE ENTIRE CIRCUIT.



BRANCH CIRCUIT DEFINITION: CIRCUIT ORIGINATING FROM A 20 AMP CIRCUIT BREAKER IN A BRANCH PANEL AND ENDING AT THE LAST DUPLEX OUTLET ON THE CIRCUIT OR ENDS AT THE LAST LIGHT FIXTURE.

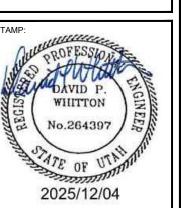


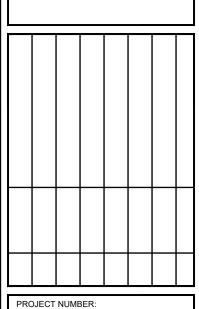


TYPICAL ROUGH-IN REQUIREMENTS

TYPICAL JUNCTION BOX MOUNTING DETAIL







500021624010101 4 DEC 2025

PROPERTY NUMBER: 5000216 SK/SP

POWER DETAILS

SALT LAKE CITY, UT 84115 P (801) 534-1130

EP501

240 E. MORRIS AVE, SUITE 200

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ENV: 2025-197.00

	DANEL NAME. D	/NIE\//\						<u>OARI</u>	<u> </u>								
PANEL NAME: D MOUNTING: RECESSED ENCLOSURE: NEMA 1 DOOR STYLE: STANDARD		(NEW) VOLTAGE: 208Y/120 MAINS TYPE: MLO PHASE: 3 BUS MATERIAL: ALUMINUM WIRE: 4 BUS RATING: 225 AMPS MIN. A.I.C. RATING: 10KA MCB RATING: NONE								NEUTRAL: 100% RATED BRANCH OCP TYPE: BOLT-ON CBs							
/EVED		L DDE				· ·	000101	FOTED L	2 A D /DL I A (DE () (A)		LOVE	LOAD	DDEA	VED 1		Turvi
(EYED NOTE	CIRCUIT DESCRIPTION		AKER I POLF	LOAD TYPE		<i></i>		ECTED LO	JAD/PHAS B		2	CKT.	LOAD TYPE	BREA AMPS		CIRCUIT DESCRIPTION	KEYE
1012	ROOM 106 C.O.	20	1	R	1	900	500					2	R	20	1	OFFICE C.O.	9
	FONT 109 C.O.	20	1	R	3			180	1,080			4	R	20	1	OFFICE C.O.	9
1	DRINKING FOUNTAIN	20	1	R	5				,	600	720	6	R	20	1	OFFICE C.O.	9
	CHAPEL C.O.	20	1	R	7	1,080	1,500					8	М	20	1	DISPOSAL	9
9	OUTSIDE C.O.	20	1	R	9			500	500			10	R	20	1	OFFICE C.O.	9
9	TELEPHONE BOARD	20	1	R	11					500	500	12	R	20	1	OFFICE C.O.	9
	FOYER 101 C.O.	20	1	R	13	720	1,500					14	R	30	2	OFFICE SPECIAL C.O.	9
	ROOM 102 C.O.	20	1	R	15			720	1,500			16	R	-	-	-	-
	BRANCH PRES. 115 C.O.	20	1	R	17					720	1,500	18	Е	30	2	WATER HEATER	9
	CLERK 114 / CUST 113 C.O.	20	1	R	19	540	1,500					20	Е	-	-	-	-
	RESTROOM 111 / RESTROOM 112 C.O.	20	1	R	21			540	540			22	R	20	1	ELECTRICAL ROOM C.O.	9
	FAMILY SEARCH 108 C.O.	20	1	R	23					720	540	24	R	20	1	ELECTRICAL ROOM C.O.	9
	FAMILY SEARCH 108 C.O.	20	1	R	25	540	540					26	R	20	1	ELECTRICAL ROOM C.O.	9
	AV RACK C.O.	20	1	R	27			960	540			28	R	20	1	BATHROOM C.O.	6
9	HALLWAY C.O.	20	1	R	29					720	540	30	R	20	1	BATHROOM C.O.	6
9	OFFICE C.O.	20	1	R	31	540	1,200					32	L	20	1	CHAPEL PENDANT LIGHTS	
9	OFFICE C.O.	20	1	R	33			900	1,350			34	L	20	1	HALL / CONF RM PENDANT LIGHTS	
9	C3-C4	20	1	Е	35					500	1,050	36	L	20	1	FOYER PENDANT LIGHTS	
	OFFICE 117 / RESTROOM 118 C.O.	20	1	R	37	540						38		20	1	SPARE	
	SERVING AREA C.O.	20	1	R	39			360				40		20	1	SPARE	
	SERVING AREA C.O.	20	1	R	41					180		42		20	1	SPARE	
	SERVING AREA C.O.	20	1	R	43	180	4,000					44	K	50	2	SERVING AREA RANGE	4
1	SERVING AREA REFRIG	20	1	K	45			1,000	4,000			46	K	-	-	-	-
1	SERVING AREA REFRIG	20	1	K	47					1,000		48		-	-	SHUNT-TRIP	-
	WATER HEATER WH-1	40	2	E	49	3,000						50		20	1	SPARE	
	-	-	-	E	51			3,000	4,000			52	K	50	2	SERVING AREA RANGE	4
	PUMP RP-1	20	1	M	53					360	4,000	54	K	-	-	-	-
	RESTROOM / CUSTODIAL EXHAUST	20	1	M	55	528						56		-	-	SHUNT-TRIP	
	FONT / SERVING AREA EXHAUST	20	1	M	57			528				58		20	1	SPARE	
	SPARE	20	1		59							60		20	1	SPARE	
	SPARE	20	1		61							62		20	1	SPARE	
	SPARE	20	1		63							64				SPACE	
	SPARE	20	1		65							66				SPACE	
	SPACE				67							68				SPACE	
	SPACE				69							70				SPACE	
	SPACE				71	10.000						72				SPACE	
	TOTAL CONNE							22,198		14,150		_					
	TOTAL ESTIMATED DEI					17,			498		869	4					
	TOTAL ESTIMATED DEMAI	ND LOAL	PERF	PHASE (A	AMPS):	14	13	1:	54	5	9	J					
VDE	LOAD OLACCIFICATION	1 00	VIVIE O.	TEDIO	<u> </u>	l DEM	AND EAC	TOD	ГСТИ	44TED DE	MAND					DANIEL TOTAL C	
YPE	LOAD CLASSIFICATION			TED LOA			AND FAC			MATED DE						PANEL TOTALS	
P	SUB-PANEL				UADS	BROKEN (OAD CLA								TOTAL CONNECTED LOAD, SE SES VA	
R	RECEPTACLES LIGHTING	1		10 VA 0 VA			73% 125%		-	15,820 VA 4,500 VA						TOTAL CONNECTED LOAD: 55,656 VA 25% OF LARGEST MOTOR: 375 VA	
			3,00	U VA						4,500 VA					TOTAL		
C	CONTINUOUS	1	0.50	0 \/^			100%		-	0.500.1/4		<u> </u>	TOTAL 1	CTIMA		ESTIMATED DEMAND LOAD: 47,511 VA	
E	EQUIPMENT MOTOR			0 VA						9,500 VA						MAND BALANCED CURRENT: 132 AMPS	
M	MOTOR KITCHEN			6 VA			100% 80%			2,916 VA 14,400 VA			IVIAAIIVI	UIVI EST	IIVIATEL	DEMAND PHASE CURRENT: 154 AMPS	
K	OTHER		10,00	00 VA			ØU%			14,4UU V <i>F</i>	1						
	OTHER	1		-		I	-		1	-		I					

PANELBUARD SCHEDULE KEYED NOTES:

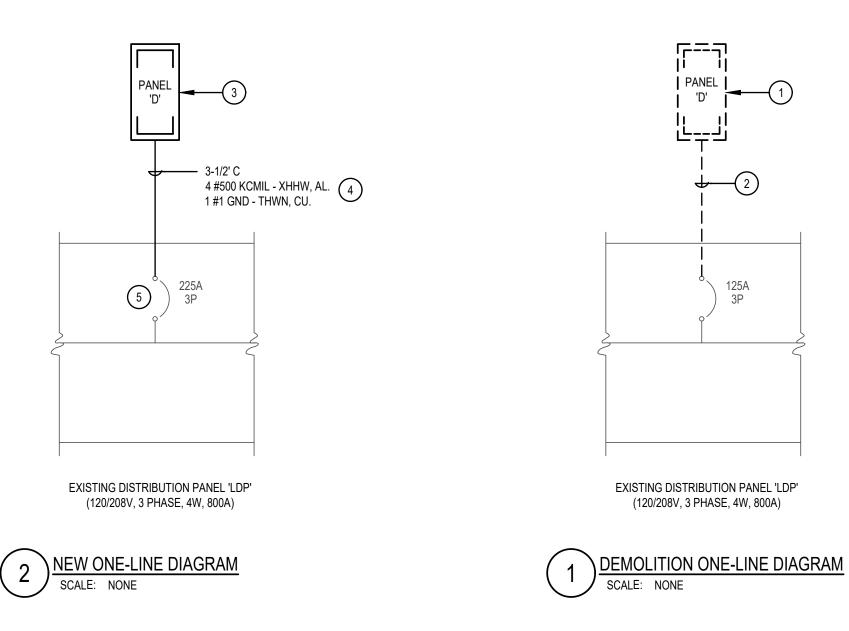
- 1. PROVIDE CLASS A GROUND FAULT INTERRUPTER TYPE CIRCUIT BREAKER.
- 2. PROVIDE ARC FAULT CIRCUIT INTERRUPTER TYPE CIRCUIT BREAKER.
- 3. PROVIDE 30 MILLIAMPERE EQUIPMENT GROUND FAULT PROTECTOR TYPE CIRCUIT BREAKER. 4. PROVIDE SHUNT-TRIP TYPE CIRCUIT BREAKER WITH 120V COIL.
- 5. PROVIDE HACR RATED CIRCUIT BREAKER.
- 6. PROVIDE HANDLE CLAMP FOR HOLDING CIRCUIT BREAKER IN THE "ON" OR "OFF" POSITION.
- 7. PROVIDE SWITCHING RATED CIRCUIT BREAKER. 8. PROVIDE NEW CIRCUIT BREAKER IN EXISTING PANELBOARD (WHERE PANEL IS INDICATED AS EXISTING) OF SAME MANUFACTURER AND A.I.C. RATING AS EXISTING.
- 9. EXISTING LOAD.

PANELBOARD SCHEDULE GENERAL NOTES:

- PROVIDE DEDICATED NEUTRALS FOR ALL BRANCH CIRCUIT PER NEC AND THE SPECIFICATIONS.
- CONTRACTOR SHALL UPSIZE ALL BRANCH CIRCUITS AS NECESSARY FOR VOLTAGE DROP WHETHER SHOWN OR NOT.

PANELBOARD SCHEDULE NOTES:

CONTRACTOR SHALL USE THE ROOM NAMES LISTED ON THE ARCHITECTURAL SIGNAGE PLAN FOR ALL ROOM NAMES ON THE FINAL PANEL SCHEDULE CIRCUIT DESCRIPTIONS. IF IT IS FOUND THAT THE ARCHITECTURAL FLOOR PLAN ROOM NAMES HAVE BEEN USED THE SCHEDULES WILL BE UPDATED FOR THE CORRECT ROOM NAMES AT NO ADDITIONAL COST TO THE OWNER.



FEEDER GENERAL NOTES:

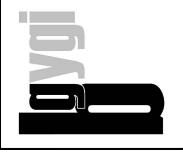
- CONTRACTOR SHALL REVIEW THE ONE-LINE DIAGRAM AND CONFIRM FEEDER WIRE SIZES. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER PRIOR TO BID. IF DISCREPANCIES EXIST, CONTRACTOR SHALL PROVIDE CORRECT WIRE SIZE BASED ON ACTUAL BREAKER SIZE AND ANY VOLTAGE DROP ADJUSTMENTS. SEE NEC 210.19, 215.2, 250.112, AND 310.15.
- ALL SYSTEM BONDING JUMPER CONDUCTORS SHOWN ARE TO BE RUN IN EACH PARALLEL FEEDER SET.

GENERAL ONE-LINE NOTES:

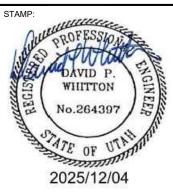
- PROVIDE FULL LENGTH VERTICAL BUSSING IN ALL SWITCHBOARDS, DISTRIBUTION PANELBOARDS, AND
- 2. COORDINATE SPACE WITH ALL OTHER TRADES TO MAINTAIN ALL CODE-REQUIRED CLEARANCES.

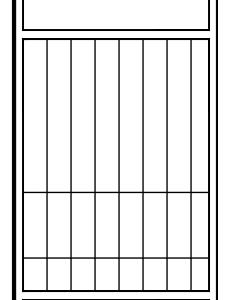
KEYED NOTES: (#)

- DISCONNECT, REMOVE AND RETURN EXISTING PANEL TO THE OWNER. REMOVE EXISTING BRANCH CIRCUITS THAT ARE TO REMAIN IN PLACE TO AN ACCESSIBLE LOCATION FOR REUSE.
- DISCONNECT, REMOVE AND DISPOSE OF EXISTING PANEL FEEDER COMPLETELY. TURN OFF EXISTING BREAKER AND LABEL AS SPARE. REMOVE EXISTING CONDUIT TO THE GREATEST EXTENT POSSIBLE.
- NEW PANEL D. INSTALL PANEL IN THE SAME LOCATION WHERE THE EXISTING PANEL WAS REMOVED. SEE PANELBOARD SCHEDULE FOR ADDITIONAL INFORMATION.
- CONTRACTOR TO DETERMINE BEST ROUTING OF THE FEEDER CONDUIT IN THE FIELD. CONTRACTOR TO UPSIZE FEED FOR A 2% MAXIMUM VOLTAGE DROP BASED ON THE ACTUAL FEEDER ROUTING.
- CONNECT TO SPARE 225A / 3 POLE CIRCUIT BREAKER.



bradley i £ associa





PROJECT NUMBER: 500021624010101

4 DEC 2025

PROPERTY NUMBER: 5000216

SK/SP

POWER SCHEDULES AND ONE-LINES

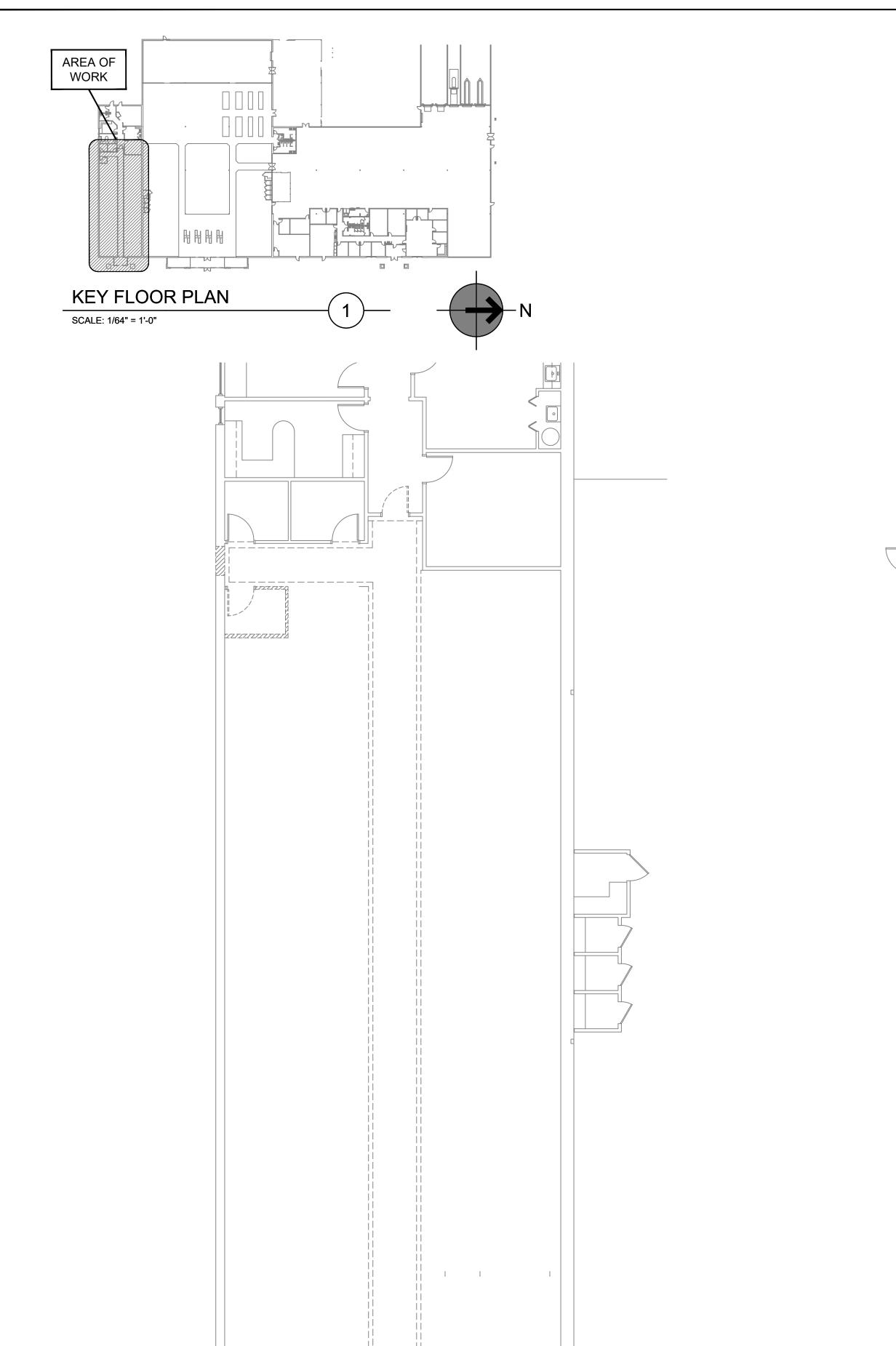
240 E. MORRIS AVE, SUITE 200 SALT LAKE CITY, UT 84115 P (801) 534-1130

EP601

								MECH	HANICA	L EQUI	IPMEN	T SCHE	DULE						
				E	LECTRICAL IN	IPUT			i	FEEDER			STARTER / DISCONNECT/ CONNECTION AT UNIT						
	NIT	DESCRIPTION	1045	T) (DE	\(\(\)	DUAGE	AMBEDA 05	OT) (CONDUIT	OT)/	WIRE	LEODE OND	NOTE	STARTER	OCP	DISCO		ENOLOGUEE	DEMARKS.
TYPE EF	NO.	DESCRIPTION EXHAUST FAN	LOAD	TYPE AMPS	VOLTAGE	PHASE	AMPERAGE	QTY	SIZE 1/2"	QTY	SIZE	EQPT GND	NOTE	SIZE	SIZE POLES	SIZE 1 HP	POLES	ENCLOSURE NEMA 1	REMARKS
EF	2	EXHAUST FAN	1.1	AMPS	120 120	1	1.1	<u> </u> 1	1/2"	2	12	12	1A 1A	-		1 HP	1 1	NEMA 1	
		EXTINGOT FAIN	2.1	7 (((1)	120		2.1		1/2		1-12	12	17.				'	NEW/ 1	
RP	1	RECIRCULATION PUMP	.1	HP	120	1	3	1	1/2"	2	12	12	1A	-		1 HP	1	NEMA 1	
WH	1	WATER HEATER	6	KW	208	1	29	1	3/4"	2	8	10	9A	_	+ - + -	30	2	NEMA 1	
	USES IN ACC	ORDANCE WITH MANUFACTURER'S RECOMM	MENDATIONS.					•	, <u>, , , , , , , , , , , , , , , , , , </u>		<u> </u>		V		<u>'</u>		. – .		
2. M 3. C 4. C 5. C 6. R 7. C 8. C 9. N	INSTALLATION NOTES: 1. MANUAL STARTER WITH THERMAL OVERLOAD 2. MANUAL STARTER WITH THERMAL OVERLOAD PROTECTION & LOW VOLTAGE RELAY / CONTACTOR FOR ATC CONTROL 3. COMBINATION MAGNETIC STARTER / FUSED DISCONNECT 4. COMBINATION MAGNETIC STARTER / FUSED DISCONNECT 5. COMBINATION VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) 6. REDUCED VOLTAGE STARTER / FUSED DISCONNECT 7. COMBINATION TWO-SPEED STARTER / MOTOR CIRCUIT PROTECTOR (MCP) 7. COMBINATION TWO-SPEED STARTER / MOTOR CIRCUIT PROTECTOR (MCP) 8. COMBINATION TWO-SPEED STARTER / MOTOR CIRCUIT PROTECTOR (MCP) 9. NON-FUSED DISCONNECT SWITCH 10. FUSED DISCONNECT SWITCH 10. FUSED DISCONNECT SWITCH 10. FUSED DISCONNECT SWITCH 11. BREAKER AND ENCLOSURE 12. DIRECT CONNECTION 13. DUPLEX RECEPTACLE OUTLET 14. SPECIAL PURPOSE OUTLET 15. SHUNT-TRIP BREAKER AND ENCLOSURE 16. TOGGLE SWITCH 17. MAGNETIC STARTER / 18. BUSSMAN FUSED ELEVATOR POWER MODULE 19. NON-FUSED DISCONNECT SWITCH 19. NON-FUSED DISCONNECT SWITCH 10. FUSED DISCONNECT SWITCH 10. FUSED DISCONNECT SWITCH 11. BREAKER AND ENCLOSURE 12. DIRECT CONNECTION 13. DUPLEX RECEPTACLE OUTLET 14. SPECIAL PURPOSE OUTLET 15. SHUNT-TRIP BREAKER AND ENCLOSURE 16. TOGGLE SWITCH 17. MAGNETIC STARTER 18. BUSSMAN FUSED ELEVATOR POWER MODULE 19. NON-FUSED DISCONNECT SWITCH 19. NON-FUSED DISCONNECT WITH LATE-MAKE EARLY-BREAK CONTACT 10. FUSED DISCONNECT SWITCH 10. FUSED DISCONNECT SWITCH 11. BREAKER AND ENCLOSURE 12. DIRECT CONNECTED UNDER DIVISION 26. 12. DIRECT CONNECTED UNDER ANOTHER DIVISION 26. 13. DUPLEX RECEPTACLE OUTLET 14. SPECIAL PURPOSE OUTLET 15. SHUNT-TRIP BREAKER AND ENCLOSURE 16. TOGGLE SWITCH 17. MAGNETIC STARTER 18. BUSSMAN FUSED ELEVATOR POWER MODULE 19. NON-FUSED DISCONNECT SWITCH 19. NON-FUSED DISCONNECT WITH LATE-MAKE EARLY-BREAK CONTACT 10. FUSED DISCONNECT SWITCH 11. BREAKER AND ENCLOSURE 12. DIRECT CONNECTED UNDER DIVISION 26. 15. FURNISHED, & CONNECTED UNDER DIVISION 26. 16. FURNISHED AND TRIP PURPOSE OUTLET 17. MAGNETIC STARTER 18. FURNISHED AND TRIP PURPOSE OUTLET 19. FURNISHED AND TRIP PURPOSE																		
B. R C. E D. E	ONTRACTOR FER TO FEE ECTRICAL CO ECTRICAL CO	SHALL BE RESPONSIBLE TO COORDINATE A DER SCHEDULE ON THE ONE-LINE DIAGRAM ONTRACTOR SHALL REVIEW MECHANICAL D ONTRACTOR SHALL REVIEW OTHER TRADES	FOR CONDU RAWINGS FO SUBMITTALS	IT AND WIRE R ANY ADDI1 FOR ANY EQ	SÍZES. TIONAL REQUI	REMENTS PF	RIOR TO BID.								PMENT SUPPLIED.				

E. SIZE ALL FUSES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

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AUDIOVISUAL DEMOLITION PLAN

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

CP4 DEVICE SYMBOL ____ DESIGNATION N = NEW DEVICE IN NEW LOCATION. E = NEW DEVICE IN EXISTING DEVICE LOCATION. R = REMODELED OR RETROFITTED DEVICE OR LOCATION. TYPICAL TECHNOLOGY SYMBOL DESIGNATIONS SCALE: NONE

KEYED NOTES:

- NEW AV & DATA RACK LOCATION. INSTALL ON WALL ABOVE COUNTER NEAR CEILING. 1.1. RUN QTY (8) CAT 6A CABLES FROM DI NETWORK CAGE TO DATA RACK.
- INSTALL DATA JACK BELOW COUNTER AT OUTLET HEIGHT. PROVIDE DATA PATCH CABLES AND PATCH TO OWNER'S DEVICES.
- INSTALL DATA JACK IN DISPLAY BACK BOX. PATCH FROM DATA DROP TO DISPLAY, WITH
- PRE-MADE DATA CABLE.

GENERAL PROJECT NOTES

- 1. NO CHANGES SHALL BE MADE WITHOUT THE PROJECT AV/STRUCTURED CABLING CONSULTANT'S WRITTEN CONSENT.
- 2. REFER TO DRAWINGS FOR EXACT NUMBER OF COMPONENTS USED IF NOT SPECIFIED IN EQUIPMENT
- 3. CABLES LISTED ON EQUIPMENT LIST ARE NOT PLENUM RATED. PLENUM CABLE IS REQUIRED IN PLENUM SPACES IF NOT IN CONDUIT.
- 4. UNLESS OTHERWISE NOTED, ALL CABLING SHOWN ON DRAWINGS SHALL BE NEW
- 5. UNLESS OTHERWISE NOTED, INSTALL DIFFERENT CABLE TYPES IN SEPARATE CONDUITS. SEPARATE CABLE TYPES OUTSIDE OF CONDUIT BY 12" MINIMUM. CROSS AT 90 DEG ANGLES.
- 6. ALL ROUGH-IN SHALL COMPLY WITH ANSI/TIA/EIA 569-B STANDARDS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE LIMITATION OF (2) 90° BEND FOR CONDUIT.
- SEISMIC RESTRAINT CABLE IS REQUIRED FOR ALL NEW SPEAKER BACK BOXES AND ENCLOSURES.
- 8. REFER TO DRAWINGS FOR EXACT NUMBER OF COMPONENTS USED IF NOT SPECIFIED IN EQUIPMENT LIST.
- 9. SEE 'ET' SHEETS FOR DEVICE LOCATIONS AND COORDINATION.
- 10. SEE SHEET TT601 FOR ADDITIONAL DATA DEVICE COORDINATION.
- 11. WHERE CABLE IS LOCATED IN ACCESSIBLE CEILING OR ATTIC SPACES, AUDIO, VIDEO & CONTROL CABLE CAN BE INSTALLED OUTSIDE OF CONDUIT. CABLE SHALL BE INSTALLED IN ACCORDANCE WITH THE ANSI/TIA/EIA 607-A, WHICH INCLUDES, BUT IS NOT LIMITED TO, THE SEPARATION OF CABLE TYPES & THE USE OF J-HOOKS SPACED AT A MINIMUM OF 5'-0" INTERVALS.
- 12. UNLESS OTHERWISE NOTED, DEVICES INSTALLED ON WOOD TRIM (ROSTRUM) SHALL BE BLACK/DARK BROWN IN COLOR, ALL OTHER DEVICES SHALL BE WHITE COVER PLATES SHALL MATCH DEVICE COLORS.

ELECTRICAL SYSTEM EQUIPMENT LIST

SYM	DESCRIPTION	QTY	NOTES
M D CP8	2-1/8" DEEP, SINGLE GANG BOX W/ 5/8" PLASTER RING MOUNTED AT ELECTRICAL OUTLET HEIGHT, OR AS NOTED	OFP	SEE DETAILS 10/ET501 & 6/ET502
CP4	3-1/4" DEEP, 4-11/16" SQUARE BOX W/ 5/8" DEEP DOUBLE GANG PLASTER RING MOUNTED AT ELECTRICAL OUTLET HEIGHT	OFP	SEE DETAILS
V	3-1/4" DEEP, 4-11/16" SQUARE BOX W/ 5/8" DEEP, SINGLE GANG PLASTER RING MOUNTED AT ELECTRICAL SWITCH HEIGHT	OFP	
WAP	2-1/8" DEEP, SINGLE GANG BOX W/ 5/8" SINGLE GANG PLASTER RING, FLUSH MOUNTED IN CEILING	OFP	
∇ ∇2	2-1/8" DEEP, DOUBLE GANG BOX MOUNTED AT ELECTRICAL OUTLET HEIGHT W/ 5/8" SINGLE GANG PLASTER RING	OFP	
•	2-1/8" DEEP, DOUBLE GANG BOX MOUNTED AT FIRE ALARM PANEL W/ 5/8" DEEP SINGLE GANG PLASTER RING, OR AS NOTED	OFP	COORDINATE EXACT LOCATION WITH FIRE ALARM INSTALLER
BT	3-1/4" DEEP, 4-11/16" SQUARE BOX W/ 5/8"	OFP	SEE DETAILS
(P)	3-1/2" DEEP, 4-11/16" SQUARE BOX W/ 5/8" DEEP, SINGLE GANG PLASTER RING MOUNTED AT 5'-0" ABOVE FINISHED FLOOR	1	SEE DETAILS
MON	LARGE CAPACITY JUNCTION BOX, INCLUDING FLANGE KIT AND COVER, MOUNTED IN WALL AT 12" BELOW FINISHED CEILING	OFP	CHIEF PAC 525FCW, SEE DETAILS
	AV EQUIPMENT CABINET W/ 12"x12"x4" METAL JUNCTION BOX RECESSED IN WALL	OFP	AV EQUIPMENT CABINET FURNISHED AND INSTALLED BY AV INSTALLER, SEE DETAILS

MANUFACTURER'S NAMES AND TELEPHONE NUMBERS ARE LISTED IN THE SPECIFICATIONS A/R = AS REQUIRED, OFP = OBTAIN FROM PLANS, OFE=OWNER FURNISHED EQUIPMENT



P (801) 534-1130

ET101

OFFICE REST-ROOM-

CUST.-113 3/A401

BRANCH PRES.

2

SEARCH

② ▽

 \bigcirc 2

AUDIOVISUAL PLAN

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

HALL 116

REST--ROOM 112 1/A401

ROOM 120

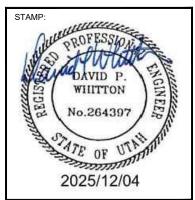
FONT 109

ROOM 106

ROOM 102

VEST.

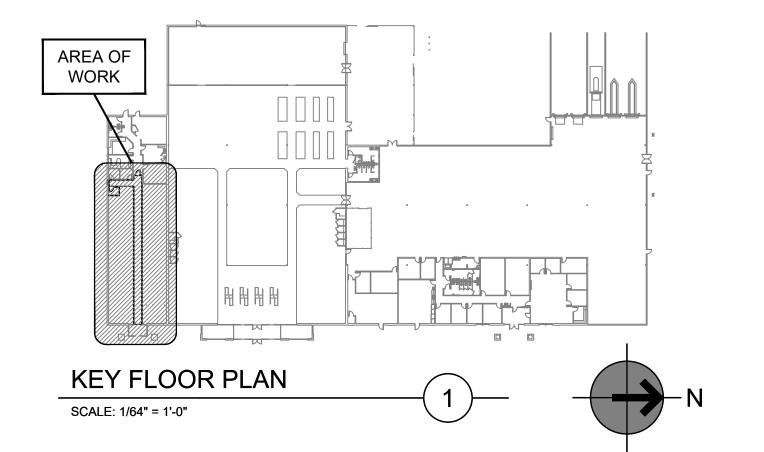
-REST-ROOM

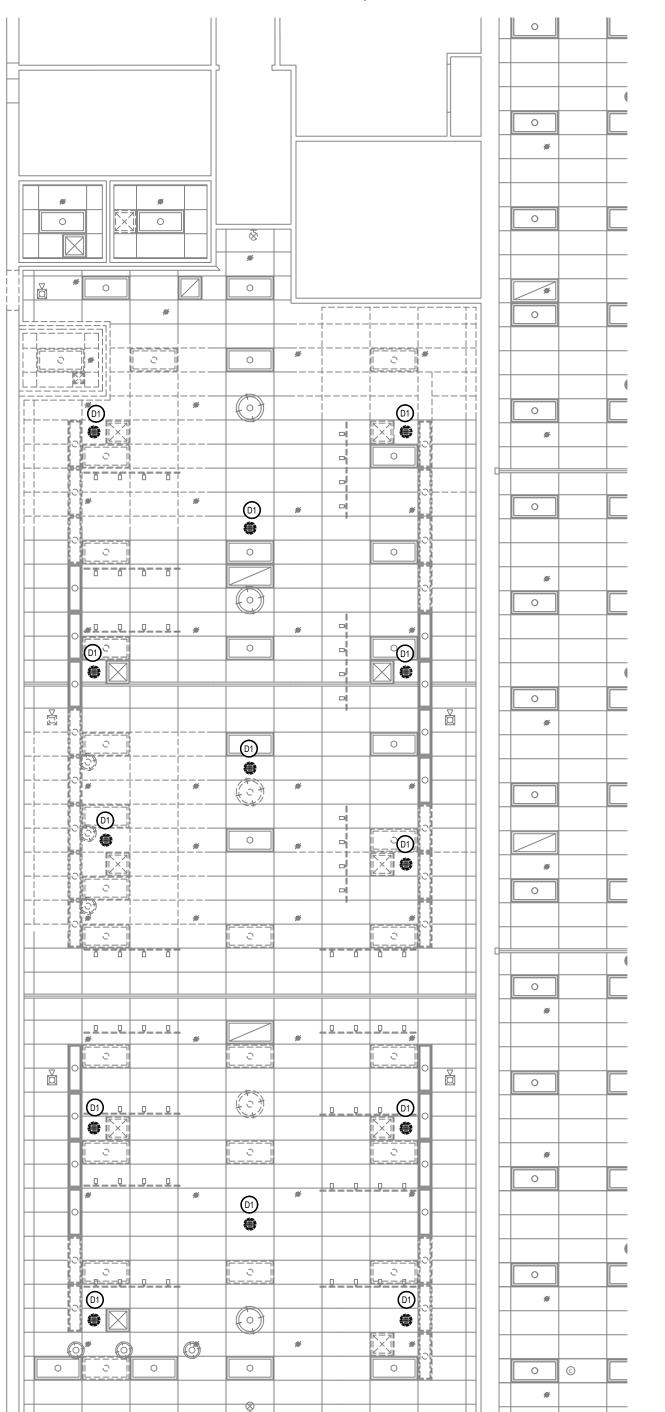


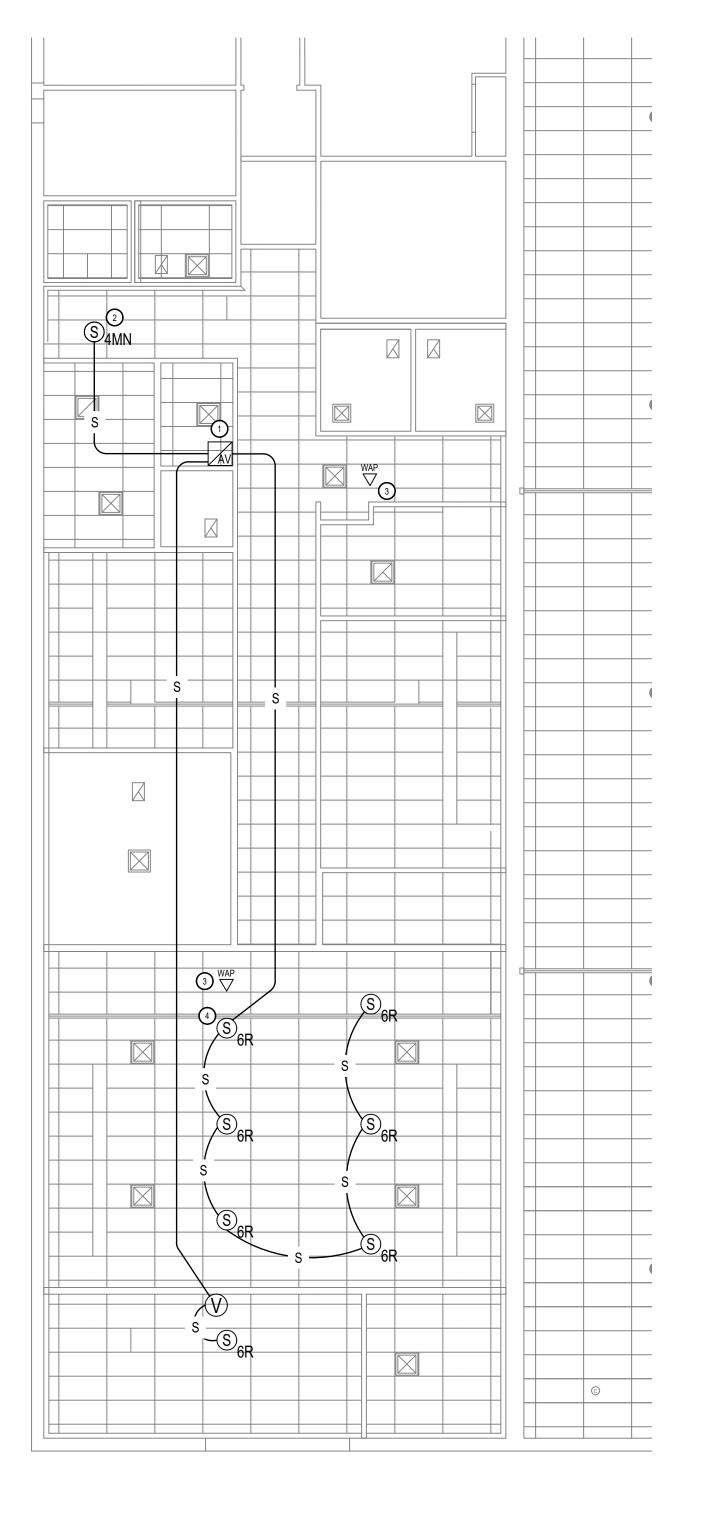
500021624010101 4 DEC 2025 5000216

AUDIOVISUAL PLANS

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KEYED NOTES:

CP4 DEVICE SYMBOL

SCALE: NONE

DESIGNATION

SEE KEYNOTES.

TYPICAL TECHNOLOGY SYMBOL DESIGNATIONS

N = NEW DEVICE IN NEW LOCATION. E = NEW DEVICE IN EXISTING DEVICE LOCATION.

R = REMODELED OR RETROFITTED DEVICE OR LOCATION.

#

REQUIRED, PROVIDE SYMMETRICAL AND ORGANIZED APPEARANCE IS MAINTAINED. (TYP.). REMOVE EXISTING VOLUME CONTROL AND 2-GANG BOX. REPLACE WITH NEW VOLUME

REMOVE EXISTING AV DEVICE, INSTALL NEW BLANK PLATE OVER EXPOSED JUNCTION BOX.

DEMO KEYED NOTES: (#)

REMOVE EXISTING SPEAKER, INCLUDING GRILLE, DRIVER, BACKBOX AND CABLE. FULLY DEMO CABLE BACK TO SOURCE.

NEW AV RACK LOCATION. SEE KEYED NOTE ON ET101

INSTALL MASKING SPEAKER APPROXIMATLY 1' AWAY FROM DOOR, CENTERED ON DOORWAY.

INSTALL WIRELESS AP IN DROP TILE CEILING, WITH IN 2' OF INDICATED LOCATION. ENSURE

FINAL LOCATION IS NOT WITH IN LINE OF SIGHT OF ANY OTHER APS IN THE FACILITY. SPEAKERS SHOW CENTERED IN CEILING TILE. MAY BE ADJUSTED UPTO 1' IN ANY DIRECTION AS

CONTROL IN 1-GANG BOX

TAP SPEAKERS UNDER ORGAN LOFT AT $\frac{1}{2}$ WATTAGE OF OTHER ROSTRUM SPEAKERS.

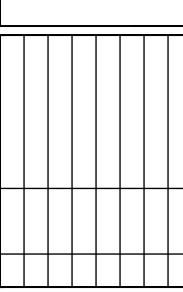
TAP MASKING SPEAKERS IN OFFICES, AND ENCLOSED SPACES AT AT $\frac{1}{2}$ W.

REMOVE EXISTING AV DEVICE, SURFACE MOUNT BOX, AND RACEWAY. PAINT WALL TO MATCH EXISTING FINISHED WALL. COORDINATE WITH OWNER TO DETERMINE PAINT COLOR AND GLOSS.



bradley gygi a £ associates,

2025/12/04



PROJECT NUMBER: 500021624010101

4 DEC 2025 5000216

AUDIOVISUAL CEILING PLAN



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ET102

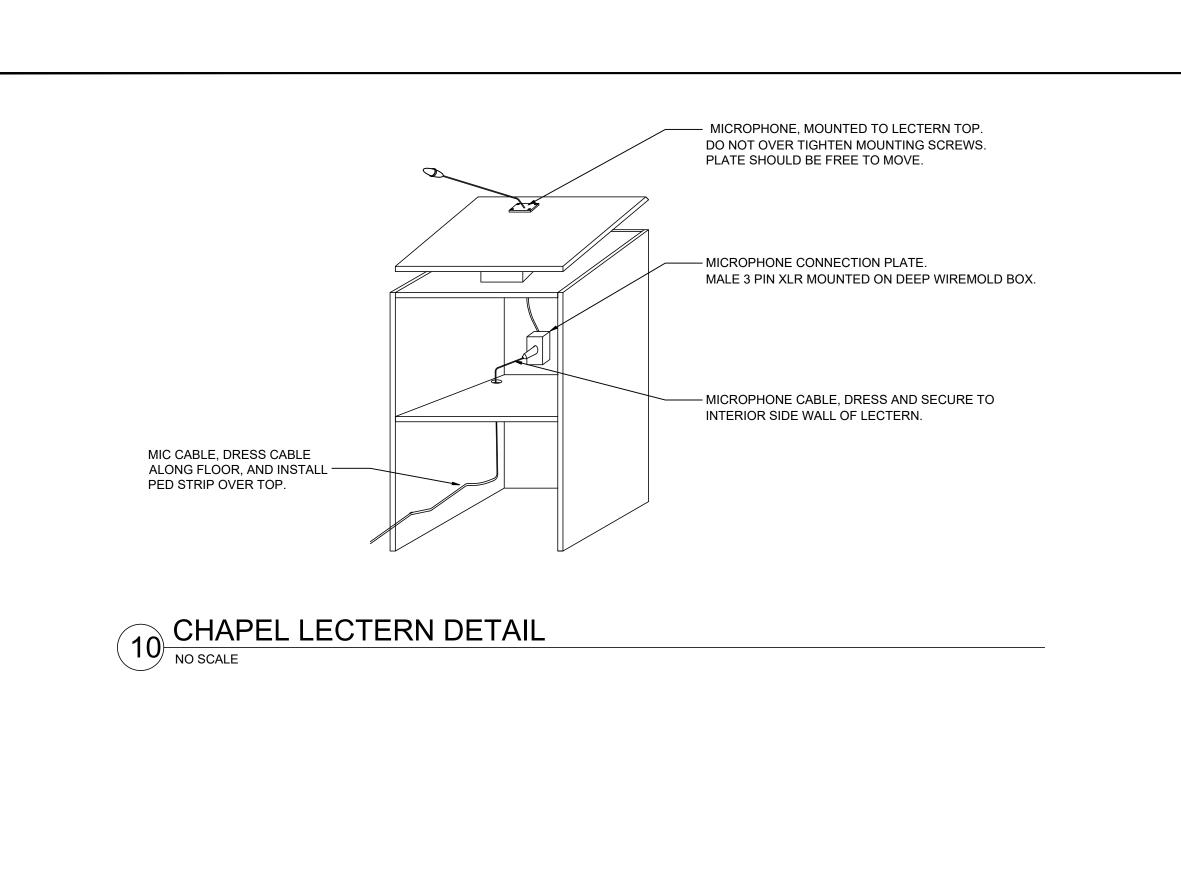
AUDIOVISUAL CEILING PLAN

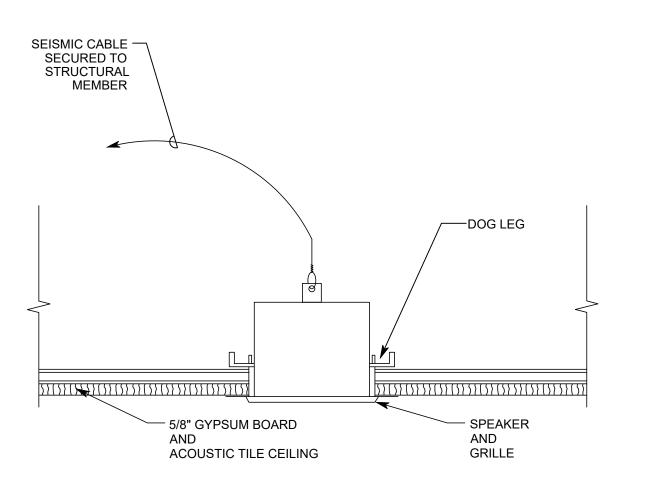
SCALE: 1/8" = 1'-0"

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

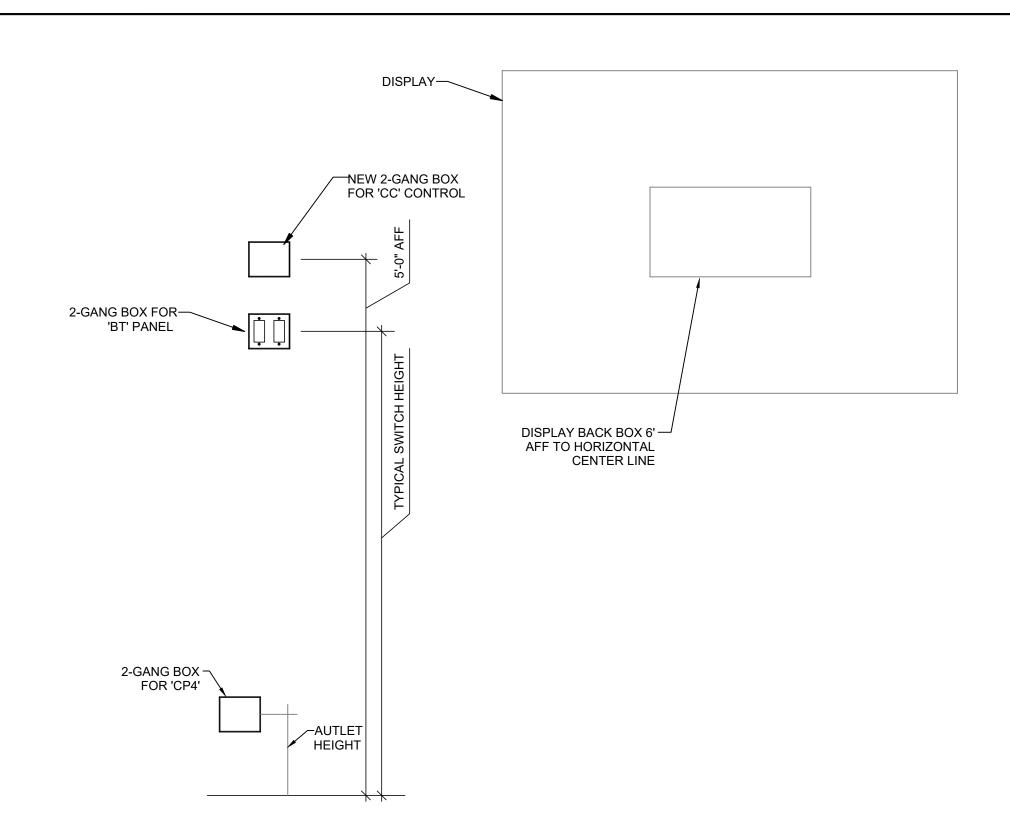
AUDIOVISUAL CEILING DEMOLITION PLAN

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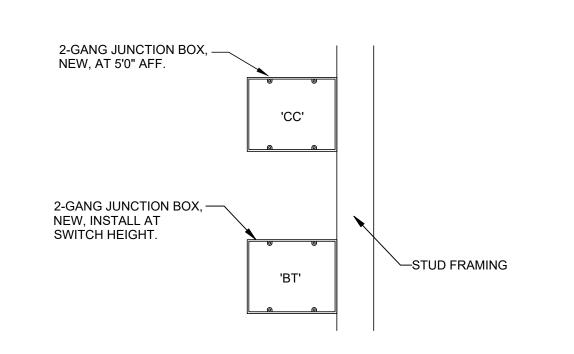




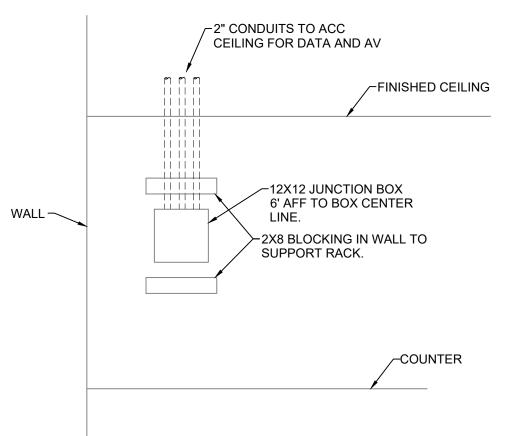
6 SPEAKER SEISMIC DETAIL
NO SCALE



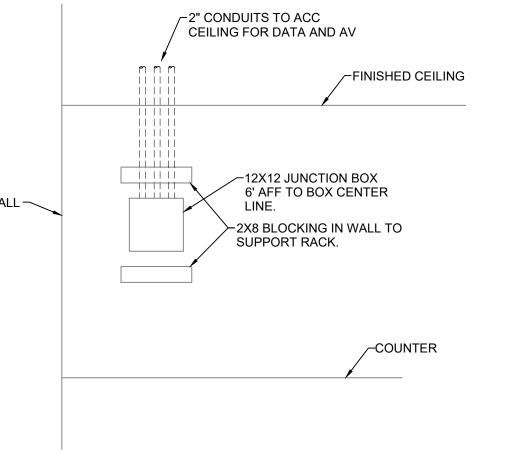
CHAPEL AV DEVICE MOUNTING DETAIL



CHAPEL CONTROLS JUNCTION BOX DETAIL BT CO

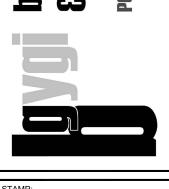


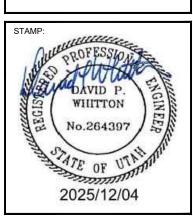
8 RACK ELEVATION DETAIL
NO SCALE

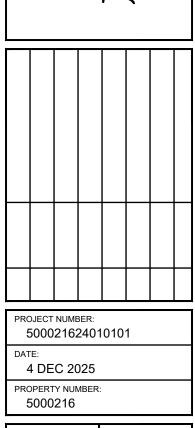


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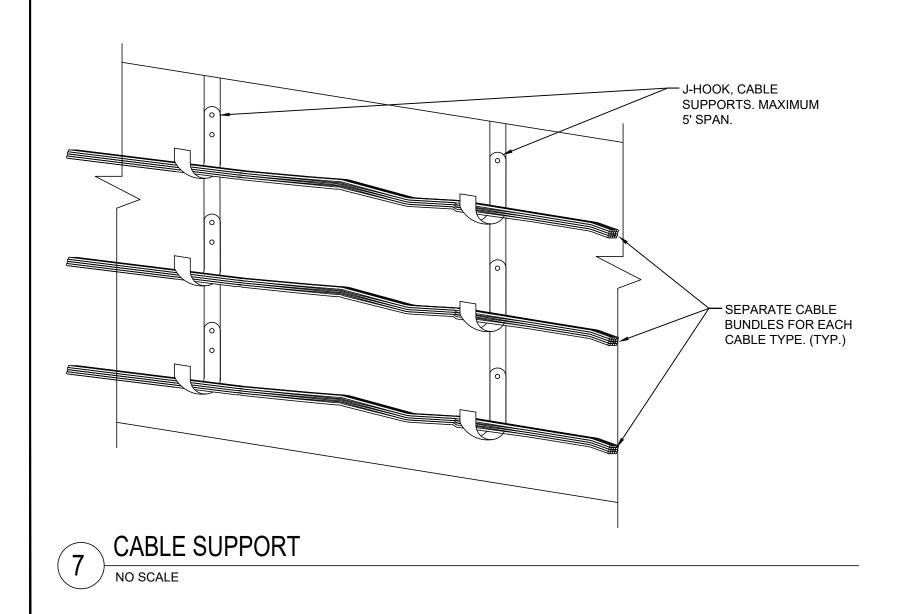


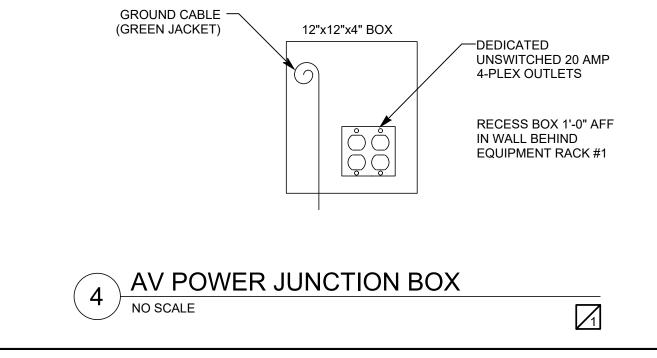


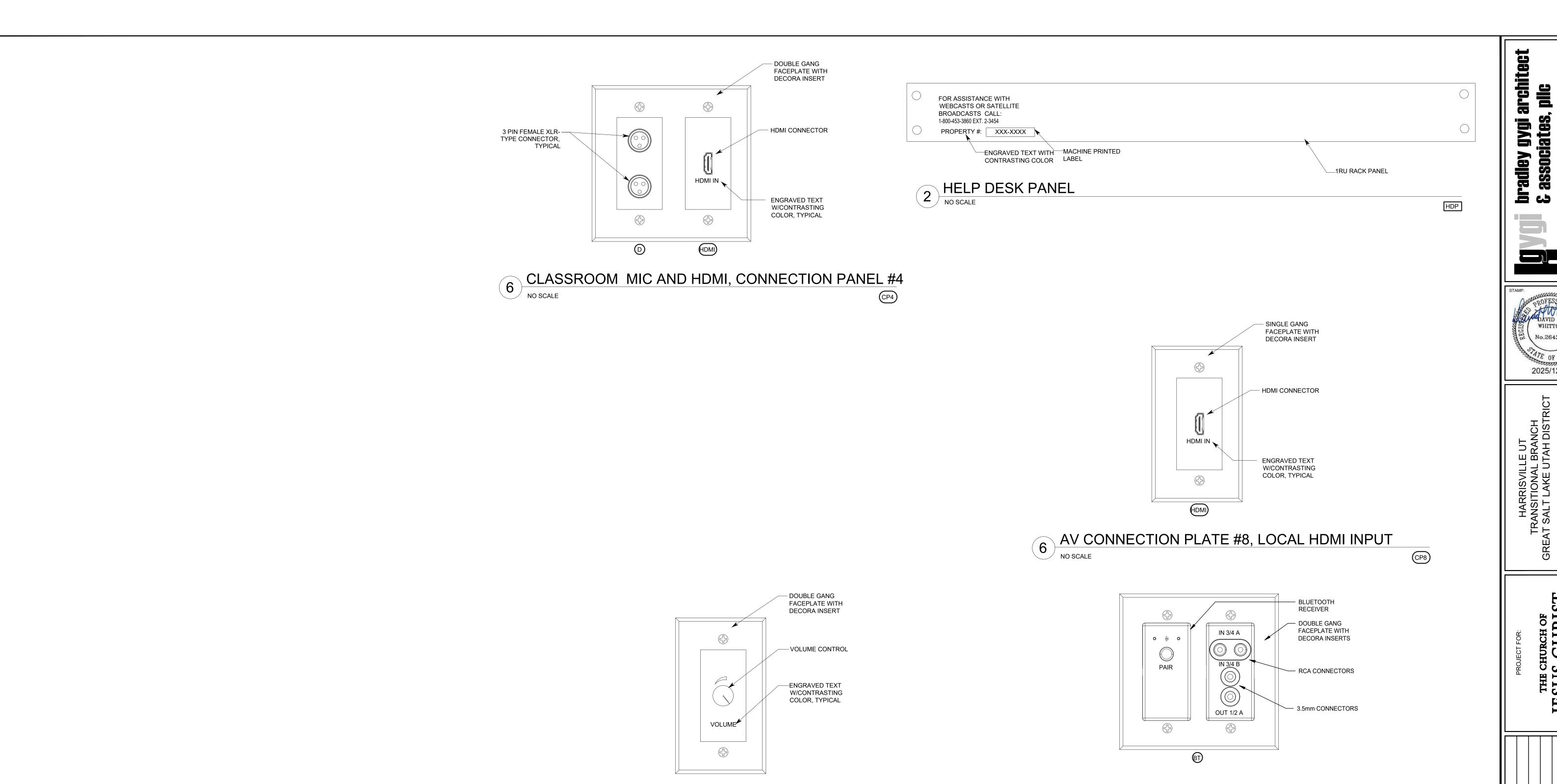
SK/SP DW

AUDIOVISUAL SYSTEM MECHANICAL DETAILS AND DIAGRAMS

ET601



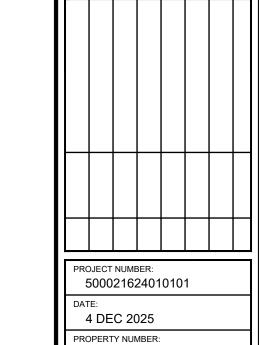




(SV)

5 VOLUME CONTROL 'SV'
NO SCALE

BLUETOOTH & LINE LEVEL AUDIO CONECTION 'BT'
NO SCALE BT



2025/12/04

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5000216

AUDIOVISUAL SYSTEM PLATES & RACK DETAILS

TA501

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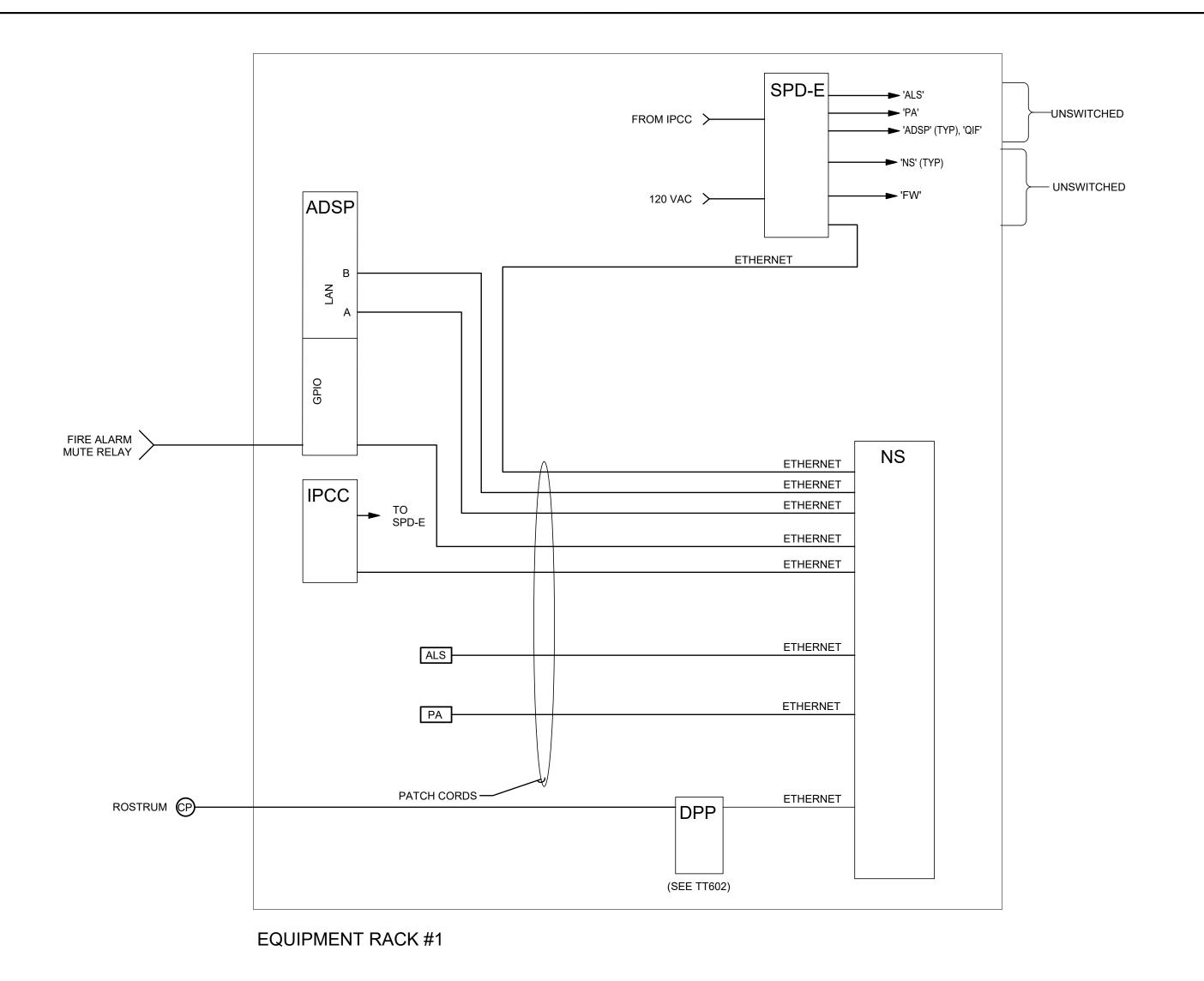
ENV: 2025-197.00

AUDIO-VIDEO SYSTEM EQUIPMENT LIST

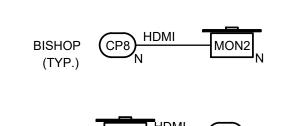
			·
SYM	DESCRIPTION	QTY	ACCEPTABLE TYPES
	AV EQUIPMENT CABINET, FLOOR STANDING W/ VENTED FRONT DOOR	OFP	MIDDLE ATLANTIC EWR-16-22D
	VERTICAL POWER STRIPS W/ MOUNTING BRACKETS	2	MIDDLE ATLANTIC PDT-615C-NS-NS
	LACER BARS & STRIPS	A/R	MIDDLE ATLANTIC LBPA SERIES MIDDEL ATLANTIC LACE-13 SERIES
	BLANK PANELS AND VENT PLATES	A/R	BLACK, ALUMINUM
SPD-E	SURGE PROTECTION DEVICE AND SWITCHER, IP ENABLED W/ UL LISTED PLUG STRIP PROVIDE FOR EQUIPMENT RACK	OFP	SURGEX SX-AX20E MIDDLE ATLANTIC RLNK P920R-SP W/ RLNK-CONT, RLNK-TEMP
	SPD/ADSP RELAY INTERFACE	A/R	24 VDC RELAY, POWER SUPPLY AND BASE
ADSP	AUDIO MIXER, DIGITAL SIGNAL PROCESSOR W/ POWER SUPPLY, I/O MODULES, RELAYS, AND ACCESSORIES AS REQUIRED. WITH MANUFACTURER'S DRAWING SHOWING DETAILED WIRING CONNECTIONS FOR THIS DESIGN	OFP	QSC CORE 24F W/ PERPETUAL UCI DEPLOYMENT LICENSE, 2 YEAR PREPAID REFLECT LICENSE FOR CORE AND PERIPHERALS - TRANSFER TO OWNER
IPCC	IPCC MODULE	A/R	GLOBAL CACHE IP2CCP & POWER SUPPLY
PA	POWER AMPLIFIERS PA1	OFP	QSC CX-Q 4K8
	PA2	OFP	TOA BA-235/ MB-25B-BK W/ TOA MB-1000 RACK MOUNT JBL CSA 140Z W/ RACK MOUNTING KIT
ALS	ASSISTED LISTENING SYSTEM & TRANSLATION SYSTEM, WIFI, W/ (8) RECEIVERS	1	LISTEN MH-02-01
HDP	HELP DESK PANEL, 1 RU	1	CUSTOM LABELING, SEE DETAIL 7/TA501
	CULTURAL CENTER REMOTE CONTROL SEE DETAIL 8/ET601	OFP	QSC TSC-50-G3
CP ·	WALL BOX WITH WINDOW	OFP	FSR WB-PSTSC REMOVE LOCK AND DOOR SPRINGS ADD MAGNET CLOSURE
BT	BLUETOOTH RECEIVER AND LINE LEVEL IN/OUT CONNECTION, DANTE	OFP	QSC ATTERO TECH unD6IO-BT RDL DD-BTN44

SYM	DESCRIPTION	QTY	ACCEPTABLE TYPES
\bigcirc	VOLUME CONTROL MODULE	OFP	EMTECH MSC-V10 OR V35 AS APPROPRIATE FOR SPEAKER LOAD
M	MICROPHONE INPUT MODULE	OFP	EMTECH MSC-M RCI LDS002-MF-X (X=COLOR)
S _{6R}	6" LOUDSPEAKER, RECESSED W/	OFP	LOWELL ES-62T
6R	TILE BRIDGE	0	INCLUDED
	LOUDSPEAKER ENCLOSURE	0	INCLUDED
MON1	FLAT SCREEN TV, LARGE, 65" OR CURRENT OWNER STANDARD SIZE	OFP	OFP
	FLAT PANEL WALL MOUNT	OFP	PEERLESS AV HPF650,
MON2	FLAT SCREEN TV, MEDIUM, 50" OR CURRENT OWNER STANDARD SIZE.	OFP	OFP
	FLAT PANEL WALL MOUNT	OFP	PEERLESS AV HPF650

SYM	DESCRIPTION	QTY	ACCEPTABLE TYPES
CP4	CONNECTION PANEL #4, LOCAL MIC AND HDMI	OFP	EMTECH MSC-D OR RCI EQUIVALENT OR RCI MI 9305 HDMI HIGHSPEED CABLE
CP8	CONNECTION PANEL #8, LOCAL HDMI INPUT	OFP	RCI MI9305 W/ HDMI HIGH SPEED CABLE
	50'-0" MICROPHONE EXTENSION CABLES W/ BLACK CONNECTORS	2	CONQUEST B84-50 WHIRLWIND MK450
	25'-0" MICROPHONE EXTENSION CABLES W/ BLACK CONNECTORS	2	CONQUEST B84-25 WHIRLWIND MK425
	MICROPHONE, GENERAL USE	2	AUDIO-TECHNICA ATM610AS AKG D5-S
	MICROPHONE,GOOSENECK. INSTALL ON FREESTANDING PULPITS WITH METAL PLATE-MOUNTED FEMALE XLR WIRED TO MALE XLR INSIDE PULPIT IN WIREMOLD BOX	1	AUDIO TECHNICA U855QL W/ CABLE, JUNCTION BOX, AND RCI LDS002-RCI-PMJ
	15'-0" MICROPHONE EXTENSION CABLE W/ BLACK RIGHT ANGLE MALE CONNECTOR FOR PRIMARY, RELIEF SOCIETY & PRIESTHOOD ROOM MICROPHONES	2	CONQUEST B84-15 WHIRLWIND MK415
	8'-0" PEDESTRIAN STRIP	1	TECHFLEX DRN 3.00BK
	MICROPHONE STAND, FLOOR TYPE	2	ATLAS IED MS-20E W/PB21 XEB
	INSTALLED HDMI INTERCONNECT CABLE, 3'	A/R	HDMI HIGH SPEED
	INSTALLED HDMI INTERCONNECT CABLE, 6'	A/R	
	HDMI CABLE, 15 FEET, FOR OWNER	2	
	10 GBPS USB-C CABLE, 6' FOR OWNER	1	SUPPORTS DISPLAY PORT ALT MODE
<u></u>	LINE TRANSFORMER	A/R	RDL TX-1A PRO CO LOT-1



2 CONTROL/LOGIC RISER DIAGRAM
No scale



1 VIDEO SYSTEM RISER DIAGRAM
NO SCALE



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ENVISION

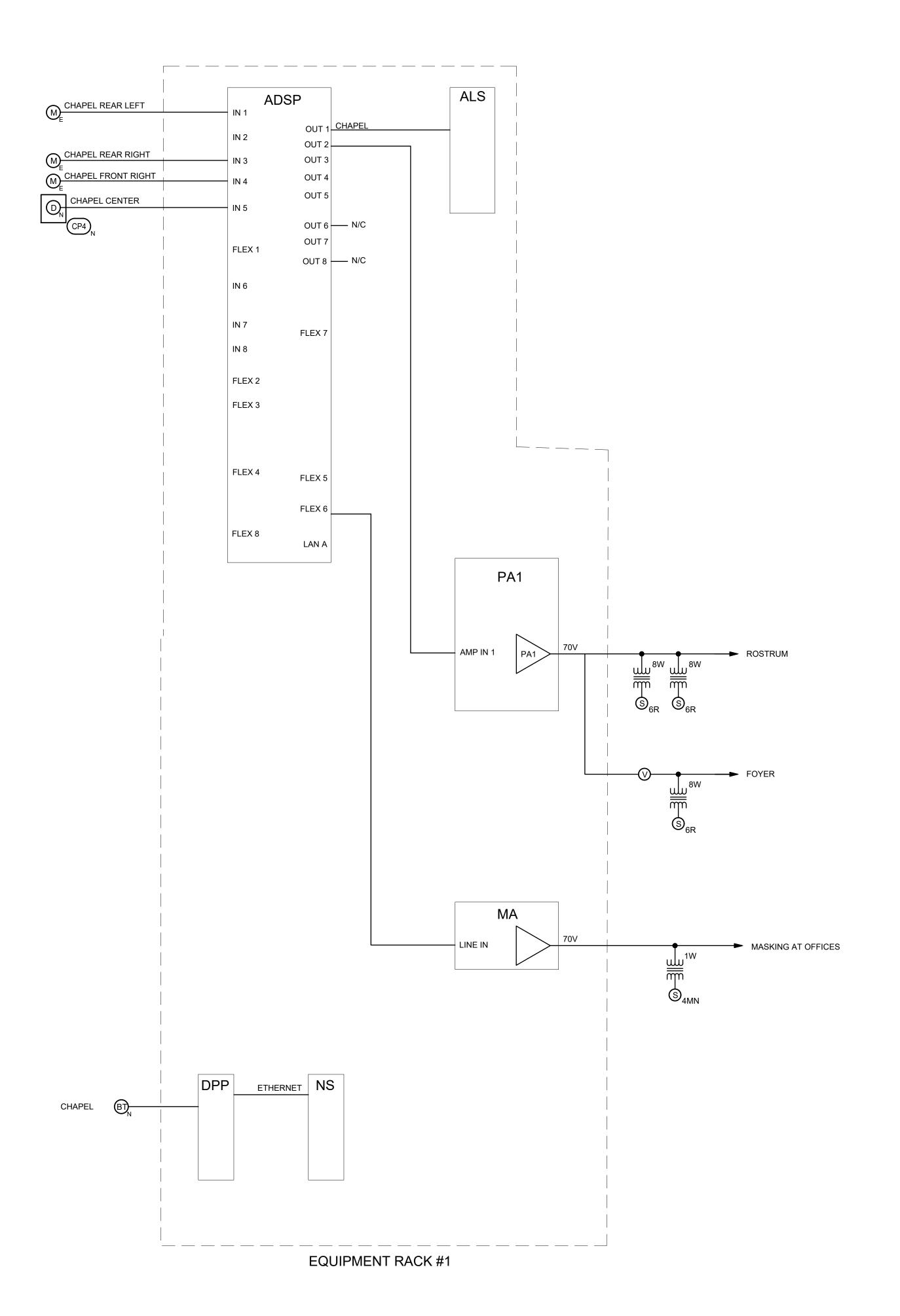
TA601

AUDIOVISUAL SYSTEM EQUIPMENT

PROJECT NUMBER: 500021624010101

PROPERTY NUMBER: 5000216

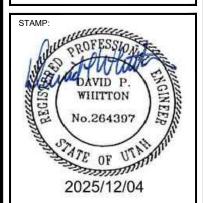
:35 NORTH WALL AVE HARRISVILLE, UT



GENERAL AUDIO CONFIGURATION NOTES

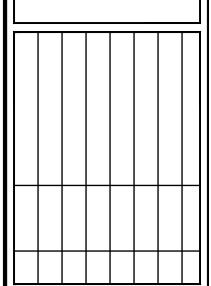
- 1. WHERE MULTIPLE DEVICES ARE SHOWN ON A SINGLE 'SPD-E' OUTLET, PROVIDE PLUG STRIPS AS REQUIRED.
- 2. QSC TOUCH PANEL CONTROLLERS MUST BE CONNECTED TO POE PORTS.
- 3. HDBASET AND QSC DEVICES ARE IP COMMUNICATIONS PROTOCOL DEVICES. TWISTED PAIR CABLES MUST MEET STANDARDS DEFINED IN THE HORIZONTAL COMMUNICATIONS SPECIFICATIONS (DIV 27-1501).
- 4. N/C INDICATES NO CONNECTION.
- 5. 'ADSP' AND CONTROL/LOGIC WIRING IS GENERIC. SEE MANUFACTURER'S INSTRUCTION SHEET FOR WIRING
- 6. PROVIDE DHCP RESERVED ADDRESSES USING THE OWNER'S CHURCH NETWORK MANAGER (CNM) WEB PORTAL, OR CONTACT OWNER'S GLOBAL SERVICE DESK (801) 240-HELP AS FOLLOWS:
- 6.1. SET 'ADSP' LAN B PORT FOR STATIC IP ADDRESS 192.168.111.249. DISABLE NETWORK GATEWAY FOR 'ADSP' LAN PORT B. RESERVE THE SAME ADDRESS FOR THE DEVICE.
- 6.2. SET 'ALS' SERVER FOR DHCP AND RESERVE ADDRESS 192.168.111.250 (PUBLIC ZONE).
- 6.3. SET ALL OTHER DEVICES FOR DHCP, AND RESERVE ADDRESSES IN DESIGNATED ZONES.
- 7. CONFIGURE NETWORK SWITCH FOR PROPER NETWORK ZONES. NETWORK PORTS CONNECTED TO CONVENIENCE OUTLETS AND QSC DEVICE B PORTS SHALL BE CONFIGURED FOR PUBLIC ACCESS. ALL OTHER AV AND FACILITIES DEVICES SHALL BE CONNECTED TO PORTS CONFIGURED FOR FACILITIES ZONE ACCESS.
- 8. CONFIGURE RLNK AND 'ADSP' TO PROVIDE AUTOMATIC RESET, AND TURN OFF THE SYSTEM AT 3AM LOCAL TIME. CONFIGURE 'ADSP' TO USE NETWORK TIME PROTOCOL. USE IP TRIGGERS.
- 9. USE DEFAULT FACTORY NAMES FOR ALL Q-SYS PERIPHERAL DEVICES. ADJUST NAMES IN 'ADSP' CONFIGURATION FILE TO MATCH FACTORY NAMES.
- 10. UPDATE OWNER'S TEMPLATE FILE TO REPLACE THE DEFAULT QR CODE, WITH ONE WHICH DIRECTS USERS TO THE CONFERENCING PAGE, THROUGH THE PUBLIC IP ADDRESS FOR THE CORE.





VIDEO DISPLAY (PROCENTRIC) CONFIGURATION **NOTES**

- 1. CONFIGURE ALL DISPLAYS INSTALLED OR PROVIDED AS PART OF THIS PROJECT AS FOLLOWS: 1.1. FOR EACH DISPLAY, ADD MAC ADDRESS TO THE NETWORK 'NOSPLASH' GROUP POLICY, AND TAG(NAME) EACH DISPLAY FOR THE ROOM IT IS INSTALLED IN. PHYSICALLY LABEL EACH DISPLAY AS PORTABLE-xx AND APPLY
- SAME TAG TO THIER MAC ADDRESSES IN CNM. 1.2. CONNECT DISPLAYS TO LIAHONA NETWORK, (PASSWORD alma32738)
- 1.3. SET UP STANDARD PRO:CENTRIC SERVER SETTINGS 1.3.1. DOMAIN NAME: MFD-DISPLAY.PROCENTRIC.TV
- 1.4. AFTER PROCENTRIC SETUP, DISPLAY WILL AUTOMATICALLY REBOOT, AND THE FOLLOWING CAN BE
- 1.4.1. SET DISPLAY RESOLUTION FOR 1920X1080 1.4.2. SET PROPOERTY NUMBER
- 1.4.3. SET ROOM NAME
- 1.4.4. SET TV ZONE
- 1.4.4.1. ZONE 1 = OVERFLOW, FOYER, AND MOTHER'S ROOM 1.4.4.2. ZONE 2 = TEACHING SPACES, HIGH COUNCIL ROOM
- 1.4.4.3. ZONE 3 = BISHOP AND STAKE PRESIDENT OFFICES



500021624010101

4 DEC 2025 PROPERTY NUMBER:

5000216 SK/SP

AUDIOVISUAL SYSTEM AUDIO



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TA602

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VOICE-DATA SYSTEM EQUIPMENT/CABLE LIST

THE FOLLOWING IS A PARTIAL LIST OF MATERIALS FOR THE DATA/PHONE SYSTEM. REFER TO SPECIFICATION 27 1501 FOR FULL

REQUIREMENTS. VERIFY ALL PART NUMBERS WITH MANUFACTURER'S CATALOG NUMBERS AND NOTIFY CONSULTANT OF

SYM	DESCRIPTION	ACCEPTABLE TYPES				
ISP DEMARC	INTERNET SERVICE PROVIDER DEMARCATION POINT	IN ADJACENT DI FACILITY				
DPP	PATCH PANEL, DATA, 48-PORT W/ CAT6A INSERT, BLUE (QUANTITIES OF PORTS AS REQUIRED +25%)	SEE SPECIFICATION 271501				
D(#)	STATION CABLE, DATA-CAT6A, DATA, BLUE JACKET (#) INDICATES NUMBER OF CABLES IF MORE THAN ONE	SEE SPECIFICATION 271501				
WAP-E	DATA OUTLET, WIRELESS ACCESS POINT SINGLE GANG BEZEL	SEE SPECIFICATION 271501 SEE DETAIL 2/TT602				
V WAP-N	BEZEL INSERTS	SEE SPECIFICATION 271501				
V V / \(\(\(\cdot \) \)	CAT6A JACK-DATA (1)	SEE SPECIFICATION 271501				
∇	DATA OUTLET SINGLE GANG BEZEL	SEE SPECIFICATION 271501				
∇_2	BEZEL INSERTS	SEE SPECIFICATION 271501				
∇_3	CAT6A JACK-DATA (1, 2, OR 3)	SEE SPECIFICATION 271501				
	COPPER CAT6A PATCH CABLES (INCLUDE CABLES LONG ENOUGH TO CONNECT TO EQUIPMENT IN EQUIPMENT CABINET RACK #1 AS NEEDED)	SEE SPECIFICATION 271501				
	CAT6A J-HOOKS	CADDY CAT32Z34				
	HORIZONTAL WIRE MANAGER HORIZONTAL WIRE MANAGER SHALL NOT HAVE A DEPTH OF MORE THAN 3"	SEE SPECIFICATION 271501				
NS	NETWORK SWITCH, OWNER STANDARD	CISCO MERAKI MS130-24P				
	RACK MOUNT SHELF	MIDDLE ATLANTIC U2				
FW	INTERNET FIREWALL, OWNER STANDARD	CISCO MERAKI MX67				
	RACK MOUNT SHELF	MIDDLE ATLANTIC U2				
ISP	INTERNET SERVICE MODEM	OFCI				
MODEM	WALL MOUNT SHELF	MIDDLE ATLANTIC WMS-20				
I						

CISCO CW91721

SEE TA601, TA602, TA603

NOTE: ALL PATCH PANELS AND ACCESSORIES SHALL BE BLACK IN COLOR

WIRELESS ACCESS POINT, OWNER STANDARD

AUDIO VIDEO DEVICES AND INTERFACES

AUDIO-VIDEO CABLE EQUIPMENT LIST

SYM	DESCRIPTION	QTY	ACCEPTABLE TYPES
A(X)	HDMI CABLE, ACTIVE OPTICAL CABLE (X) INDICATES NUMBER OF CABLES, IF MORE THAN ONE	A/R	BULLET TRAIN AC-BTSSF-10KUHD-XX OR APPROVED EQUIVALENT (XX=LENGTH REQUIRED)
L(X)	LINE LEVEL CABLE, (X) INDICATES NUMBER OF CABLES, IF MORE THAN ONE	A/R	BELDEN 9451 WEST PENN 454 LIBERTY 22-1P-EZ OR AS APPROVED BY CONSULTANT
M(X)	MICROPHONE CABLE, (X) INDICATES NUMBER OF CABLES, IF MORE THAN ONE	A/R	LIBERTY 22-1P-EZ BELDEN 9451 WEST PENN 454 OR AS APPROVED BY CONSULTANT
S(X)	SPEAKER CABLE, (X) INDICATES NUMBER OF CABLES, IF MORE THAN ONE	A/R	BELDEN 8471 WEST PENN 225 LIBERTY 16-2C-GRY OR AS APPROVED BY CONSULTANT

MANUFACTURER'S NAMES AND TELEPHONE NUMBERS ARE LISTED IN THE SPECIFICATIONS A/R = AS REQUIRED

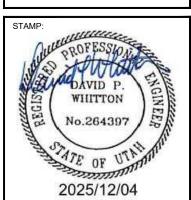
GENERAL PROJECT NOTES

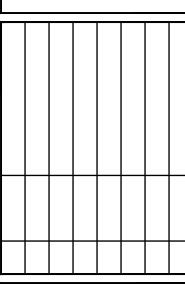
- 1. LABEL ALL CABLE REGARDLESS OF LENGTH.
- CONDUIT. GENERAL PROJECT NOTES ET601.
- 5. REFER TO SHEET ET101 AND ET102 FOR VOICE-DATA JACK
- 6. ALL VOICE-DATA CABLING AND EQUIPMENT SHALL BE INSTALLED ACCORDING TO DIVISION 27 1501.
- 7. INSTALL NETWORK EQUIPMENT SHOWN. AS PART OF INSTALLATION SET UP AND CONFIGURE DEVICES IN ACCORDANCE WITH OWNER REQUIREMENTS. COORDINATE WITH LOCAL FACILITIES MANAGER.
- MANAGER WELL IN ADVANCE OF PROJECT COMPLETION TO ENSURE INSTALLATION OF ALL OWNER FURNISHED EQUIPMENT IS INSTALLED AND SET UP PROPERLY. IN ADDITION, ENSURE OWNER PROVIDES INTERNET SERVICE TO BUILDING PRIOR TO
- 9. INSTALL A DATA PATCH CABLE TO NS FOR ALL DATA LOCATIONS
- 11. INSTALL PATCH IN AND SET-UP WIRELESS ACCESS POINTS.
- 12. SEE "TA" AND "ET" SHEETS FOR DEVICE LOCATIONS AND ADDITIONAL COORDINATION.
- 13. ALL HORIZONTAL CABLING AND TERMINATIONS SHALL BE FROM MAY PROVIDE EXTENDED SYSTEM WARRANTY OF 25 YEARS OR
- 14. CABLE RUNS ORIGINATING FROM OUTSIDE THE RACK SHALL BE

- 2. THE EQUIPMENT LABELING IDENTIFIED ON DETAILS IN THESE DRAWINGS ARE EXAMPLES ONLY. PRIOR TO FABRICATION, SUBMIT THE NOMENCLATURE FOR ALL CABLING AND EQUIPMENT TO THE CONSULTANT APPROVAL.
- 3. USE CADDY CLIPS OR BRIDLE RINGS FOR ALL CABLE OUTSIDE OF
- 4. ALL CABLE AND UTP TO TERMINATE ON BOTH ENDS.
- LOCATIONS AND ROUTING OF AV CABLE.
- 8. COORDINATE WITH FACILITIES MANAGER AND PROJECT FINAL INSTALLATION OF AV AND VOICE DATA EQUIPMENT.
- SHOWN ON PLANS.
- 10. FURNISH AND INSTALL ALL AUDIO-VIDEO CABLE SHOWN. PROVIDE 3' EXTRA CABLE AT OUTLET END AND 15' EXTRA CABLE AT EQUIPMENT RACK. COIL AND LABEL.
- SINGLE MANUFACTURER, AS NECESSARY SUCH THAT INSTALLER
- TERMINATED TO DPP, WITH PATCH CABLE TO NETWORK SWITCH. DEVICES IN THE SAME RACK AS THE NETWORK SWITCH MAY BE CONNECTED DIRECTLY TO THE SWITCH.

bradley gygi archite 8 associates, pllc







PROJECT NUMBER: 500021624010101 4 DEC 2025

5000216

SK/SP

TELEDATA

SCHEDULES &

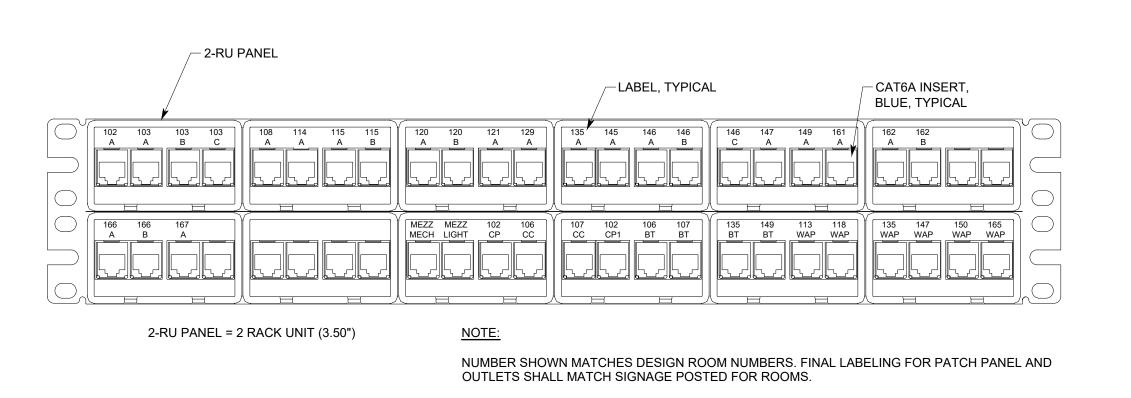


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TT601

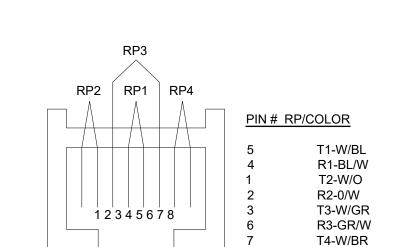
www.envisioneng.com

ENV: 2025-197.00



PATCH PANEL DETAIL, 48-PORT, TYPICAL

ROOM POSITION (A, B, C, D)



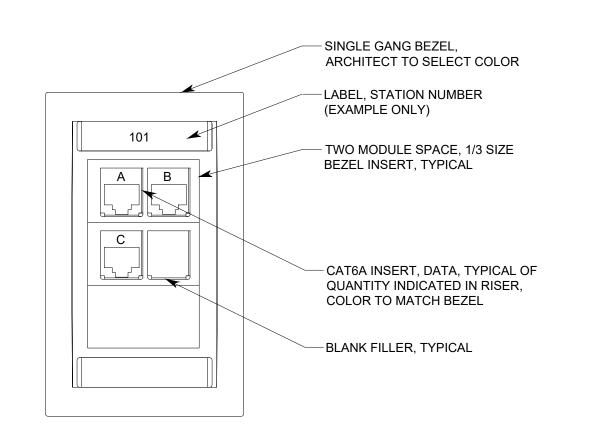
R4-BR/W

DDP

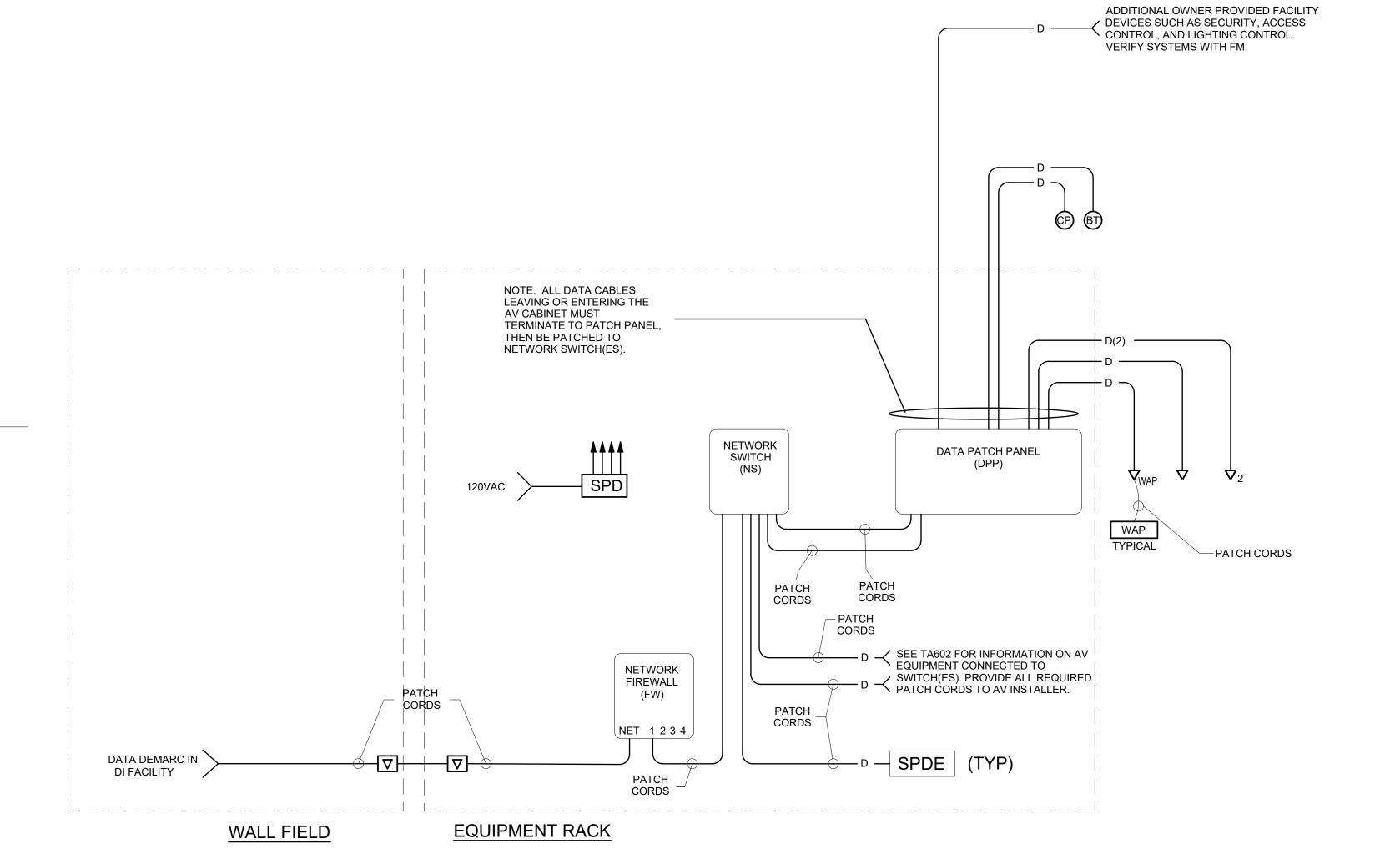
5 CABLE LABEL DETAIL
NO SCALF

ROOM#









— JUNCTION BOX WITH DATA OUTLET FINISHED CEILING -- WIRELESS ACCESS POINT (WAP)

WIRELESS ACCESS POINT DETAIL

STRUCTURED CABLING RISER DIAGRAM

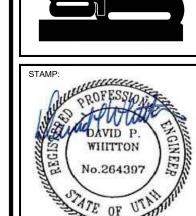


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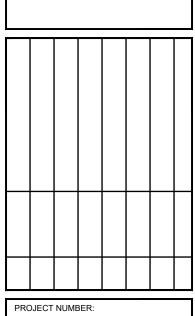
ENV: 2025-197.00

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2025/12/04

5 NORTH WALL AN HARRISVILLE, UT



500021624010101 4 DEC 2025 PROPERTY NUMBER:

5000216 SK/SP DW

TELEDATA DATA & RISERS

TT602