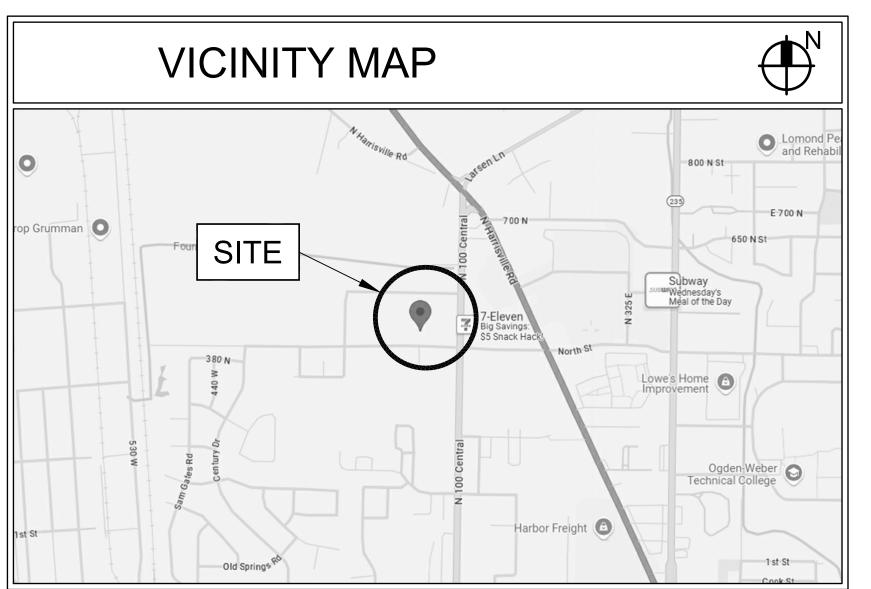
OGDEN ERC RELOCATION

SITE: 435 NORTH WALL AVE. - HARRISVILLE, UT THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS PROJECT NUMBER: 500021624030101



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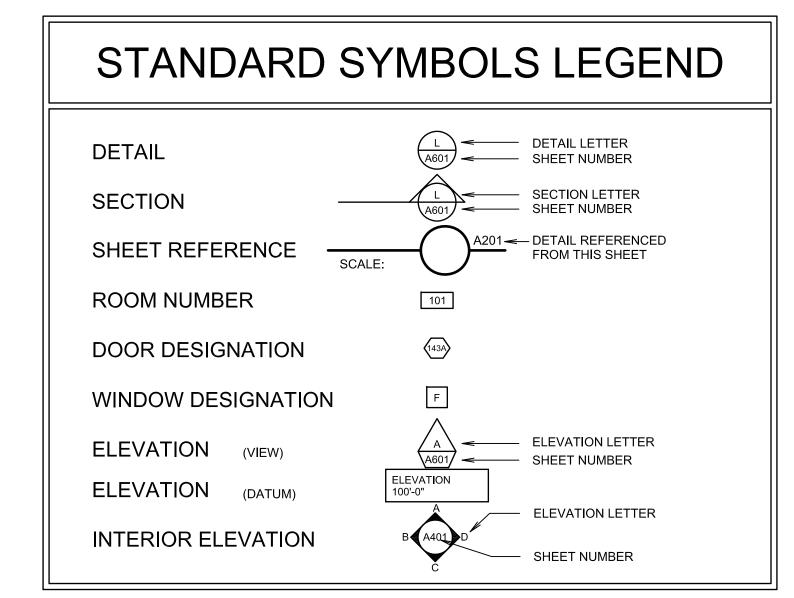
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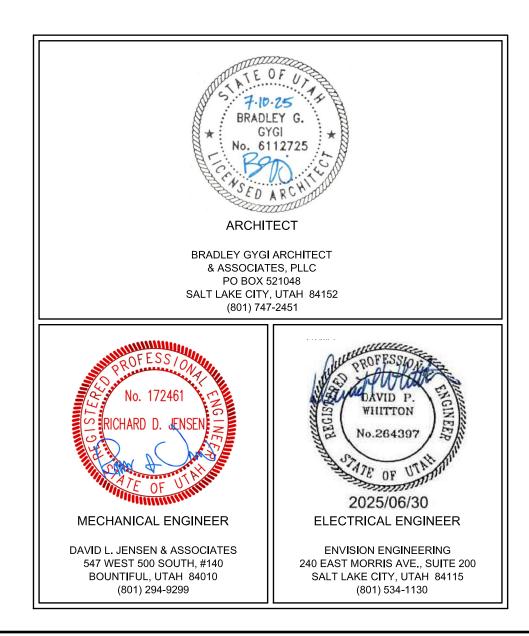
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THE CHURCH OF

JESUS CHRIST

OF LATTER-DAY SAINTS

INDEX SHEET

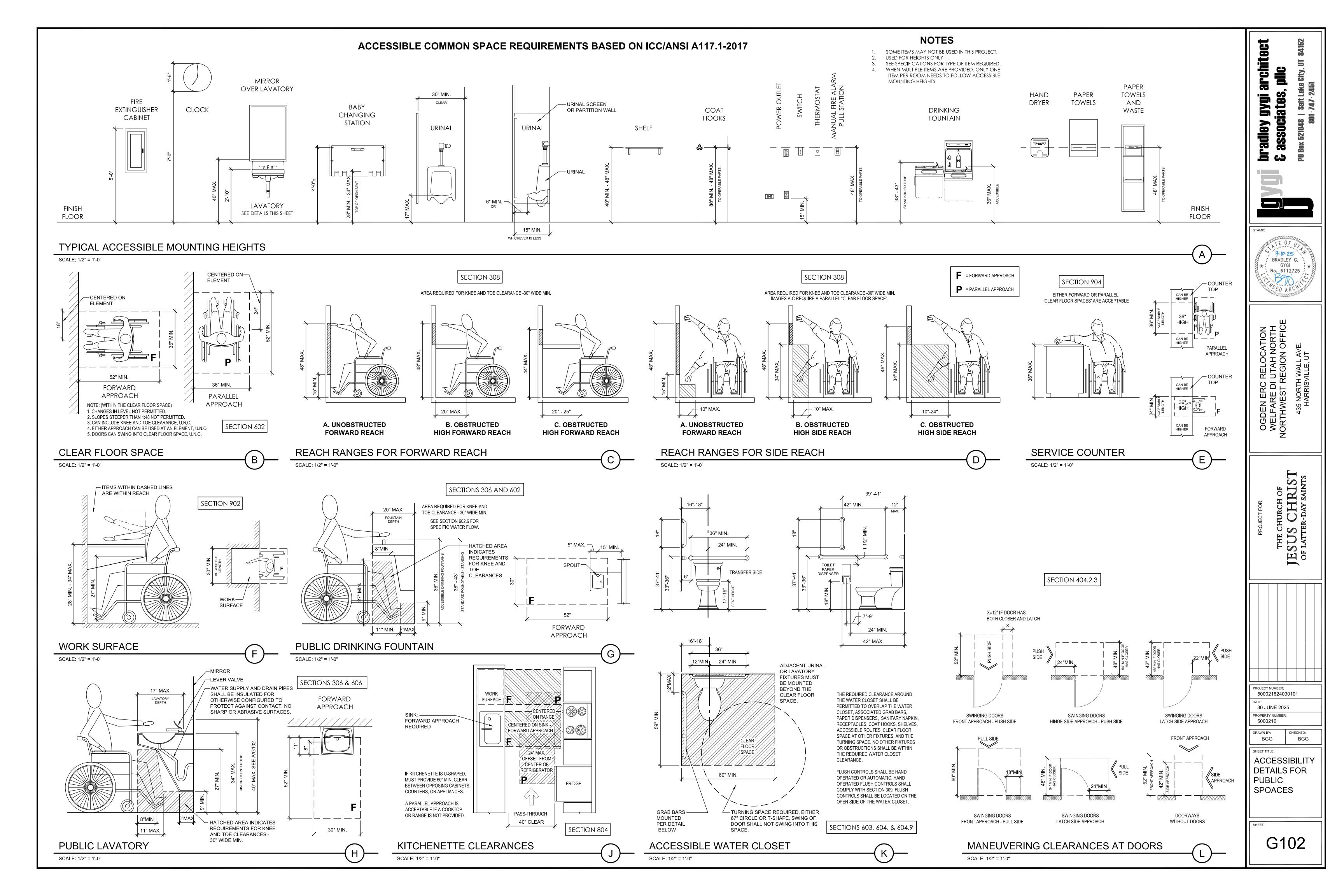
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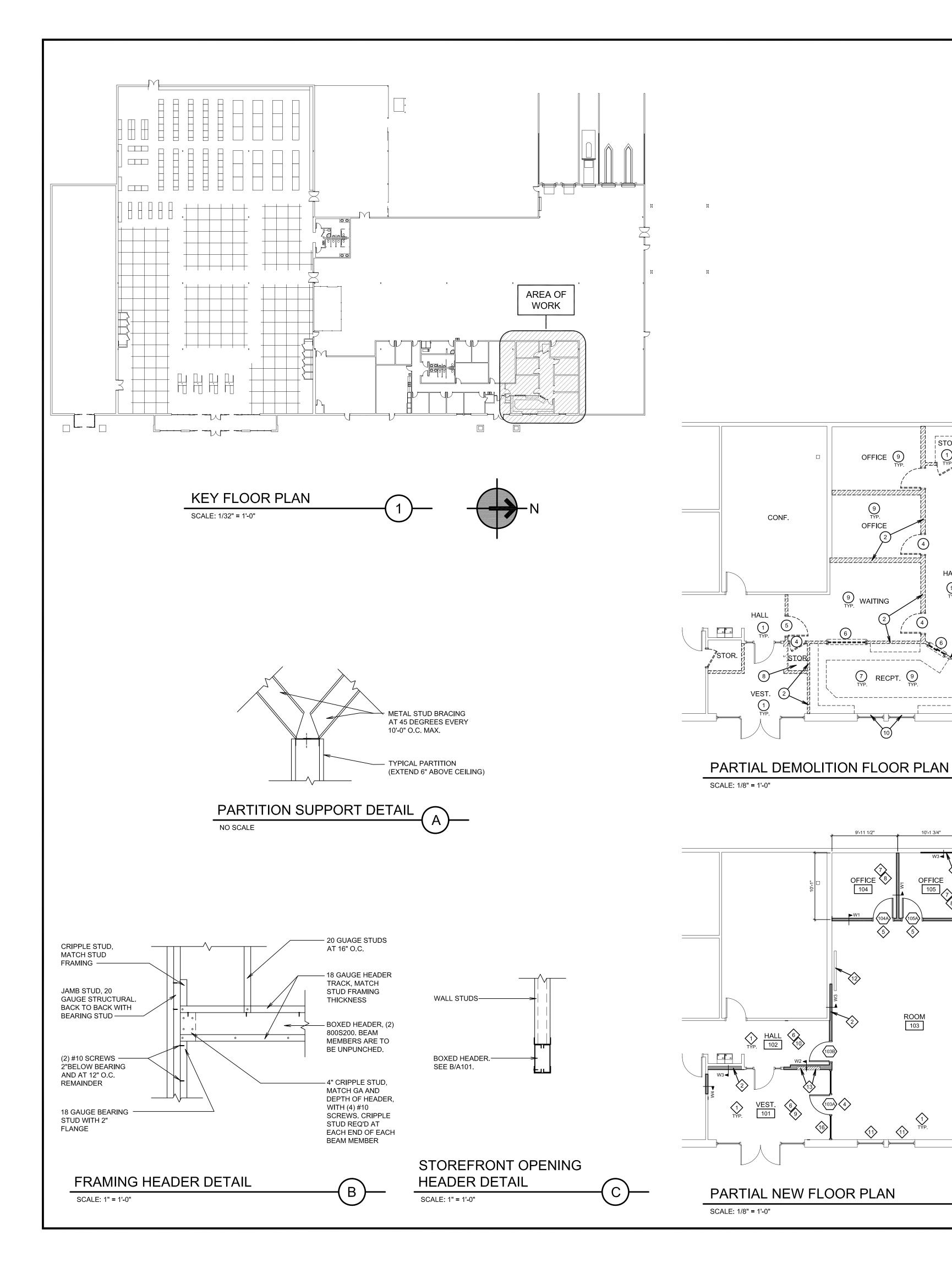
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G001	COVER AND INDEX SHEET	A101 FLOOR PLANS	M001	MECHANICAL LEGEND AND GENERAL NOTES	EG101	GENERAL AND SYMBOL SCHEDULE			
G101	ACCESSIBILITY DETAILS FOR PUBLIC SPACES	A151 REFLECTED CEILING PLANS	M101	MECHANICAL FLOOR PLANS	ED101	LIGHTING & POWER DEMOLITION PLANS			JESI
		A152 CEILING DETAILS	M501	MECHANICAL DETAILS	EE101	LIGHTING & POWER PLANS			
		A401 ENLARGED WORK ROOM	M601	MECHANICAL SCHEDULES	EE501	LIGHTING DETAILS			
		A601 FINISH AND DOOR SCHEDULES AND DETAILS			EE502	POWER DETAILS			
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		FURNISHINGS							SHEET TITLE:
		F101 FLOOR FINISH AND ROOM SIGNAGE PLANS							COVER AND
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DRAWING INDEX

MECHANICAL

SHEET TITLE







KEYED DEMOLITION NOTES

- REMOVE EXISTING WALL OR PORTION OF WALL COMPLETE. TYPICAL ALL WALLS SHOWN DASHED AND POCHED. COORDINATE WITH OTHER
- DRAWINGS. INCLUDES WALL COVERINGS, CHAIR RAIL, ETC. (3) REMOVE PORTION OF WALL FOR NEW WINDOW OPENING. SEE NEW
- FLOOR PLAN AND DETAILS. (4) REMOVE EXISTING DOOR, FRAME AND HARDWARE - COMPLETE.
- 5) REMOVE EXISTING DOOR. SALVAGE EXISTING HARDWARE. EXISTING FRAME TO REMAIN.
- (6) REMOVE EXISTING WINDOW, SHELF, AND RELATED WORK. COMPLETE.
- (7) REMOVE ALL EXISTING CASEWORK, BRACKETS, AND COUNTER TOPS. ENTIRE ROOM.
- (8) REMOVE EXISTING STORAGE SHELVING.
- (9) REMOVE EXISTING CARPET AND BASE.
- (10) REMOVE AND SALVAGE EXISTING WINDOW COVERINGS.

GENERAL DEMOLITION NOTES

- 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
 - DRAWINGS.
 - PROTECT EXISTING FINISHES WHICH ARE TO REMAIN DURING THIS WORK.
- 3. OWNER HAS FIRST RIGHTS TO SALVAGE.
- FLOOR COVERINGS: AT ALL AREAS OF NEW WORK, REMOVE EXISTING CARPET AND BASE AS NOTED ON DRAWINGS. SEE FINISH SCHEDULE ON SHEET A601 AND FURNISHINGS FLOOR PLAN. SHEET F101.
- FLOORS: REMOVE EXISTING FLOOR STRUCTURE, CONCRETE, WOOD AND FLOOR SHEATHING AS REQUIRED FOR THIS WORK.
- 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.
- VISUAL DISPLAY BOARDS, MOVIE SCREENS, EQUIPMENT, DEVICES, FIXTURES, GRILLES, SPEAKERS, CONVECTORS, COVER PLATES, HANDRAILS, BRACKETS, COAT RACKS, HOOK STRIPS, AND OTHER EXISTING WORK: WHERE NOT SHOWN TO BE REMOVED OR REPLACED WITH NEW, REMOVE AND REINSTALL EXISTING AS REQUIRED TO ACCOMMODATE NEW WORK AND FINISHES.
- PLUMBING, MECHANICAL, H.V.A.C., FIRE SPRINKLING, ELECTRICAL, SOUND AND RELATED WORK: COORDINATE WITH NEW WORK AND OTHER DRAWINGS. SALVAGE ALL EQUIPMENT AND FIXTURES SHOWN TO BE
- 10. CONTRACTOR TO MAINTAIN STRUCTURAL INTEGRITY OF EXISTING STRUCTURE. PROVIDE SHORING AND TEMPORARY SUPPORT AS REQUIRED.
- 11. WHERE SHOWN ZZZZZZZZ POCHED ON PLAN, REMOVE EXISTING WALL OR PORTION OF WALL - COMPLETE. REMOVE ALL PIPING, WIRING, EQUIPMENT, AND OTHER ITEMS CONCEALED IN WALL. COORDINATE ITEMS TO BE MAINTAINED AND ABANDONED WITH ALL DISCIPLINES.

KEYED FLOOR PLAN NOTES GENERAL FLOOR PLAN NOTES

- 1> 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 PATCHING NAIL HOLES AND SIMILAR FOR ARTWORK.
- FURR OUT EXISTING WALL TO BE FLUSH WITH ADJACENT EXISTING WALL WITH METAL STUDS AT 16" O.C. AND 5/8" GYPSUM BOARD.
- (3) NEW CASEWORK AND COUNTERTOPS.

STOR.

OFFICE

OFFICE

OFFICE

(1)

7 OFFICE 8 107

ROOM 103

- NEW STOREFRONT DOOR, FRAME, AND SIDELITE IN NEW OPENING. SEE SHEET A601.
- (5) NEW DOOR AND HARDWARE IN NEW FRAME. SEE SHEET A601.
- (6) NEW VCT FLOORING AND RUBBER BASE BY OWNER.
- 7> NEW CARPET AND BASE BY OWNER.
- 8 PATCH, SEAL, AND SKIM COAT ANY EXISTING REMAINING GYPSUM BOARD. SMOOTH FINISH AND PAINT NEW AND EXISTING WALLS AT ENTIRE ROOM.
- (9) NEW CHAIR RAIL THIS ROOM. PAINT EXISTING WALLS ABOVE AND BELOW CHAIR RAIL AT ENTIRE ROOM.
- 40 ADD NEW CHAIR RAIL TO MATCH EXISTING AT THIS AREA AND PAINT EXISTING WALLS ABOVE AND BELOW CHAIR RAIL TO NEAREST EXISTING DOOR FRAMES OR WALL CORNERS.
- REINSTALL SALVAGED EXISTING WINDOW COVERINGS AT COMPLETION OF
- (12) NEW TELEVISION AND WALL MOUNT (PROVIDED BY OWNER) WITH RELATED ELECTRICAL WORK. SEE ELECTRICAL DRAWINGS.
- (13) RELOCATE EXISTING FIRE ALARM CONTROL PANELS TO NEW WALL. SEE E/A601 AND ELECTRICAL DRAWINGS.
- NEW FIRE EXTINGUISHER AND CABINET. E/A601.
- VINYL CORNER GUARD. SEE H/A601
- (16) HEADER FRAMING FOR STOREFRONT OPENING. SEE B,C/A101.

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/A501. 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 BE REROUTED TO MAINTAIN CONTINUITY.
- NEW WALLS ARE SHOWN "POCHED" AND "HATCHED" TYPICAL
- WOOD FRAMED //// BRICK XXX CMU CONCRETE
- 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.

CASEWORK, PANELING, TRIM, DOORS

WOOD CASEWORK, PANELING, DOORS, JAMBS, TRIM, RAILINGS AT ALL AREAS EXCEPT MECHANICAL, STORAGE AND OTHER UNFINISHED NON-PUBLIC SPACES: ALL EXISTING PAINTED WOOD WORK TO BE SANDED, PATCHED AND REPAIRED, AND PAINTED TO MATCH EXISTING COLOR. ALL EXISTING STAINED WOOD WORK TO BE LIGHTLY SANDED, PATCHED AND REPAIRED, STAIN TOUCHED UP TO MATCH EXISTING COLOR AND TWO COATS FINISH

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.

- EXISTING OFFICES HAVE ACOUSTICAL BATT INSULATION ON TOP OF LAy-IN ACOUSTICAL TILE. INSULATION SHALL BE SALVAGED AND REINSTALLED OR MAINTAINED IN PLACE DURING CEILING REPLACEMENT.
- CONTRACTOR SHALL VERIFY THAT OFFICES, CONFERENCE ROOMS IN AREAS OF THIS WORK HAVE FULL THICK ACOUSTIC INSULATION AT ALL VOIDS. WALLS FOUND TO REQUIRE ADDITIONAL INSULATION WILL BE ADDRESSED BY CHANGE ORDER.
- AT EXISTING AREAS, REPLACE ALL DISTURBED OR REMOVED INSULATION WHICH IS OTHERWISE TO REMAIN AT WALLS AND CEILINGS TO MATCH EXISTING - FULL THICK.

FIRE PROTECTION:

- FIRE SPRINKLING: AT ALL AREAS OF NEW WORK, MODIFY EXISTING AUTOMATIC FIRE SPRINKLING SYSTEM TO PROVIDE FULL COVERAGE. SEE SPECIFICATIONS SECTION 21 1313
- 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	
DECODIDATION	

	WALL TYPE SCHEDULE
MARK	DESCRIPTION
W1	2x4 METAL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD EACH SIDE. FULL THICK ACOUSTICAL INSULATION AT ALL VOIDS. CAULK TOP AND BOTTOM.
W2	2x8 METAL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD EACH SIDE.
W3	2x METAL STUDS AT 16" O.C. IN FRONT OF EXISTING WALL WITH 5/8" GYPSUM BOARD AT ROOM SIDE. FULL THICK ACOUSTICAL INSULATION AT ALL VOIDS. CAULK TOP AND BOTTOM.
W4	2x4 METAL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD EACH SIDE AT REMOVED DOOR OPENING. 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.

CEILING UP TO TOP PLATE.

A101 INSTALL ACOUSTICAL INSULATION (WHERE OCCURS) IN WALL ABOVE

7.10.25 BRADLEY G. GYGI

No. 6112725

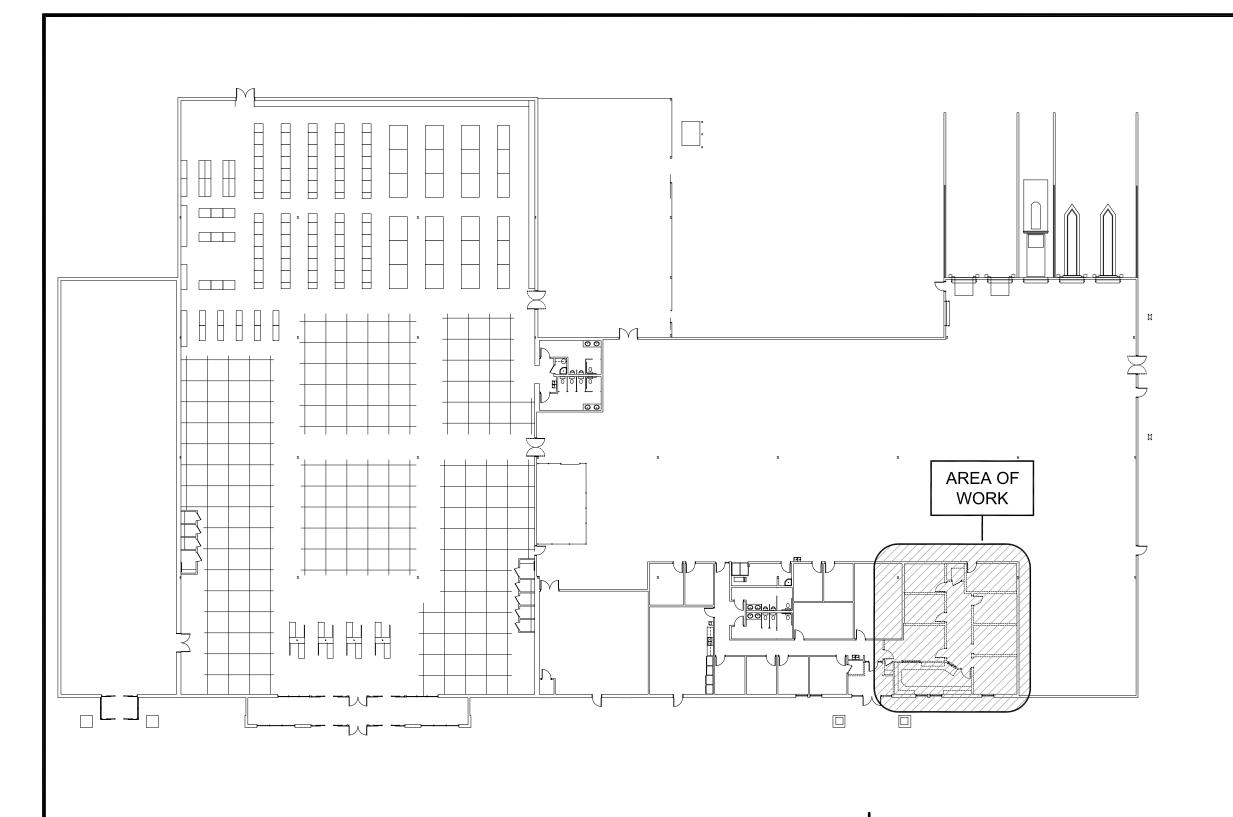
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PROJECT NUMBER: 500021624030101

30 JUNE 2025 PROPERTY NUMBER: 5000216

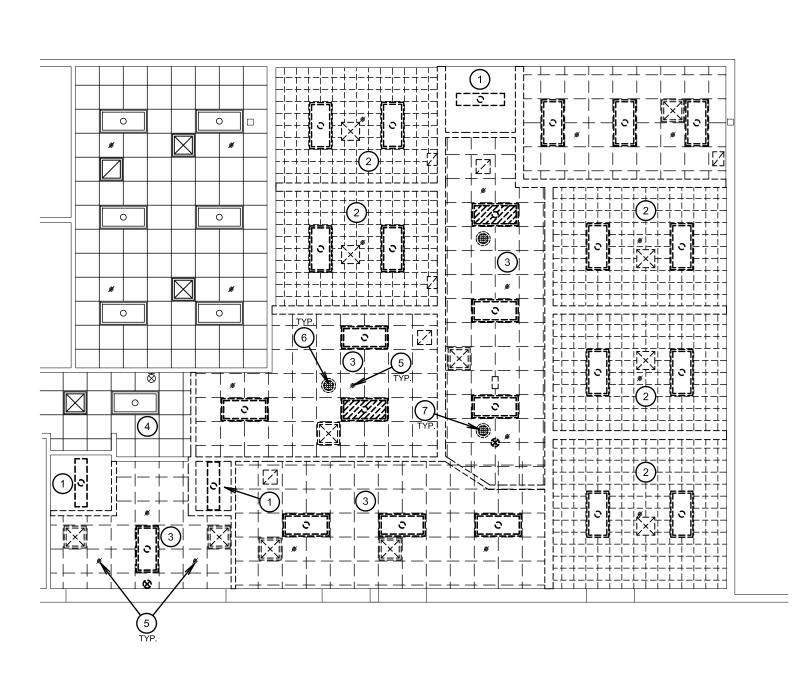
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FLOOR PLANS

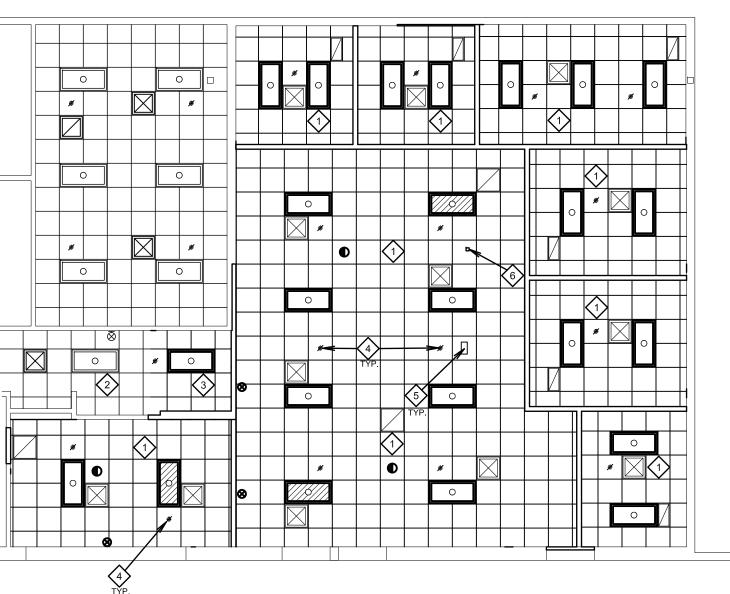


KEY FLOOR PLAN

SCALE: 1/32" = 1'-0"

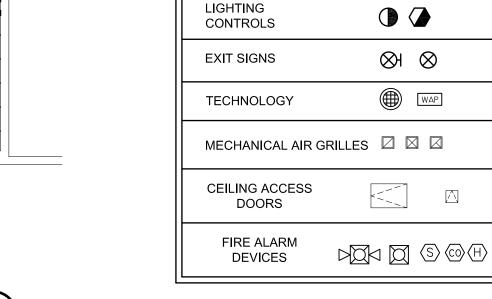


PARTIAL DEMOLITION REFLECTED CEILING PLAN SCALE: 1/8" = 1'-0"



PARTIAL NEW REFLECTED CEILING PLAN

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



LIGHT FIXTURES

PENDANT LIGHT

LEGEND

GENERAL CEILING DEMOLITION NOTES

- PROTECT EXISTING FINISHES WHICH ARE TO REMAIN.
- REMOVE CEILING MATERIALS, FRAMING, BACKER BOARD, 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
- SALVAGE AND STORE ITEMS ARE TO BE REUSED AND RE-INSTALLED.
- REMOVE ALL EXISTING CEILING TILE WHERE SHOWN TO RECEIVE NEW TILE. SALVAGE FOR RE-USE OR PATCHING AS REQUIRED.

OR OTHER RELATED NEW WORK AND ACCESS TO ACCOMPLISH NEW WORK.

- REMOVE CEILING MATERIALS, FRAMING, BACKER BOARD, 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 DETERIORATED OR DAMAGED BACKER BOARD OR BACKING NOT TO REMAIN BEHIND CEILING TILE.
- SEE ELECTRICAL, MECHANICAL AND OTHER DRAWINGS FOR LIGHT FIXTURES, HVAC EQUIPMENT, GRILLES, ETC. TO BE REMOVED.

KEYED CEILING DEMOLITION NOTES

- REMOVE EXISTING GYPSUM BOARD, SUSPENSION SYSTEM, FURRING AND OTHER ASSOCIATED WORK.
- REMOVE EXISTING GYPSUM BOARD, GLUE-ON ACOUSTICAL CEILING TILE, SUSPENSION SYSTEM, FURRING AND OTHER ASSOCIATED WORK. NOTE THAT OFFICES HAVE EXISTING ACOUSTICAL BATT INSULATION ABOVE WHICH IS TO BE SALVAGED AND REINSTALLED. SALVAGE TILE FOR REINSTALLATION IN NEW LOCATION(S).
- REMOVE EXISTING SUSPENDED CEILING GRID, LAY-IN TILE AND RELATED WORK. NOTE THAT OFFICES HAVE EXISTING ACOUSTICAL BATT INSULATION ABOVE WHICH IS TO BE SALVAGED AND REINSTALLED. SALVAGE TILE FOR REINSTALLATION IN NEW
- EXISTING 24"x24" SUSPENDED SYSTEM WITH LAY-IN ACOUSTICAL CEILING TILE TO REMAIN. PROTECT IN PLACE AT AREAS ADJACENT TO
- (5) EXISTING FIRE SPRINKLER HEAD TO BE REMOVED TO ACCOMMODATE NEW LAYOUT. SEE NEW CEILING PLAN. TYPICAL ENTIRE WORK AREA.
- (6) REMOVE AND SALVAGE EXISTING WIRELESS ACCESS POINT AND RELATED WORK IN THE CEILING.
- (7) REMOVE EXISTING SPEAKERS AND RELATED WORK IN THE CEILING.

GENERAL CEILING NOTES

EXISTING WORK:

- . VERIFY LOCATION OF ALL EXISTING PIPING, WIRING, DUCT WORK AND OTHER EXISTING WORK IN EXISTING FRAMING AND ATTIC SPACES AND
- COORDINATE WITH NEW WORK. FILL HOLES AND PATCH CEILING WHERE EXISTING LIGHT FIXTURES, GRILLES, DIFFUSERS, FURRING OR OTHER WORK IS REMOVED OR WHERE
- NEW WORK DOES NOT COVER EXISTING OPENINGS COMPLETELY. REMOVE AND REINSTALL EXISTING LIGHT FIXTURES, GRILLES, DIFFUSERS, SPEAKERS AND OTHER EXISTING WORK AS REQUIRED TO ACCOMMODATE NEW WORK.

- . SEE ELECTRICAL, MECHANICAL AND OTHER DRAWINGS FOR LIGHT FIXTURES, HVAC EQUIPMENT, FIRE SPRINKLING, GRILLES, ETC. TO BE
- REMOVED AND REINSTALLED OR REPLACED WITH NEW. 2. BLOCK ALL NEW UNSUPPORTED GYPSUM BOARD PANEL EDGES WITH 2x4 FLAT AND METAL "Z" CLIPS EACH END (BENT CLIP AS REQUIRED) AT WOOD TRUSS FRAMING.

NEW SUSPENDED ACOUSTICAL PANEL CEILINGS:

- . BLOCK ALL NEW UNSUPPORTED GYPSUM BOARD PANEL EDGES WITH 2x4 FLAT AND METAL "Z" CLIPS EACH END (BENT CLIP AS REQUIRED) AT WOOD TRUSS FRAMING.
- 2. AT SUSPENDED CEILINGS, PROVIDE SEISMIC BRACING AS REQUIRED BY BUILDING CODE. SEE DETAILS A,B,C,D/A152. APPLIES TO AREAS LARGER THAN 1,200 SQUARE FEET.
- 3. FOR MOUNTING OF SPEAKERS IN CORRIDOR CEILINGS, SEE F/A152. 4. FOR MOUNTING OF RECESSED LIGHT FIXTURES IN CORRIDORS, SEE
- E,F/A152.
- 5. FOR EXPANSION JOINTS, SEE G/A152.

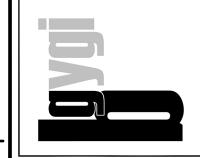
NEW SUSPENDED GYPSUM BOARD & ACOUSTICAL TILE CEILINGS:

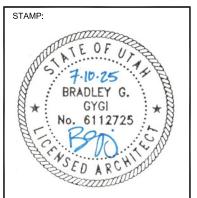
- AT SUSPENDED CEILINGS, PROVIDE SEISMIC BRACING AS REQUIRED BY BUILDING CODE. SEE DETAILS H,J,K/A152. APPLIES TO AREAS LARGER THAN 1,200 SQUARE FEET.
- 2. FOR MOUNTING OF SPEAKERS AND LIGHT FIXTURES IN CEILINGS, SEE

KEYED CEILING NOTES

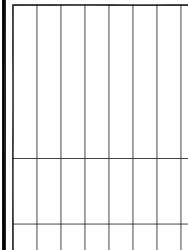
- NEW 24" x 24" SUSPENDED SYSTEM WITH LAY-IN ACOUSTICAL CEILING TILE. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR NOTES REGARDING WORK MOUNTED IN CEILING. REINSTALL EXISTING SALVAGED ACOUSTICAL INSULATION ABOVE CEILING AT NEW OFFICES.
- 2 EXISTING 24" x 24" SUSPENDED SYSTEM WITH LAY-IN ACOUSTICAL CEILING TILE TO REMAIN.
- (3) EXTEND EXISTING 24" x 24" SUSPENDED SYSTEM WITH LAY-IN ACOUSTICAL CEILING TILE. USE SALVAGED EXISTING TILE AT THIS
- NEW FIRE SPRINKLER HEAD IN NEW LOCATION AS REQUIRED TO PROVIDE COVERAGE FOR MODIFIED ROOM. TIE IN TO EXISTING FIRE SPRINKLER SYSTEM. TYPICAL ENTIRE WORK AREA.
- (5) REINSTALL SALVAGED EXISTING WIRELESS ACCESS POINT AND RELATED WORK IN NEW CEILING. SEE ELECTRICAL DRAWINGS.
- 6 NEW POWER/DATA DROP FROM CEILING. SEE ELECTRICAL DRAWINGS.

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THE CHURCH OF SOUR CHURCH OF LATTER-DAY SAINTS

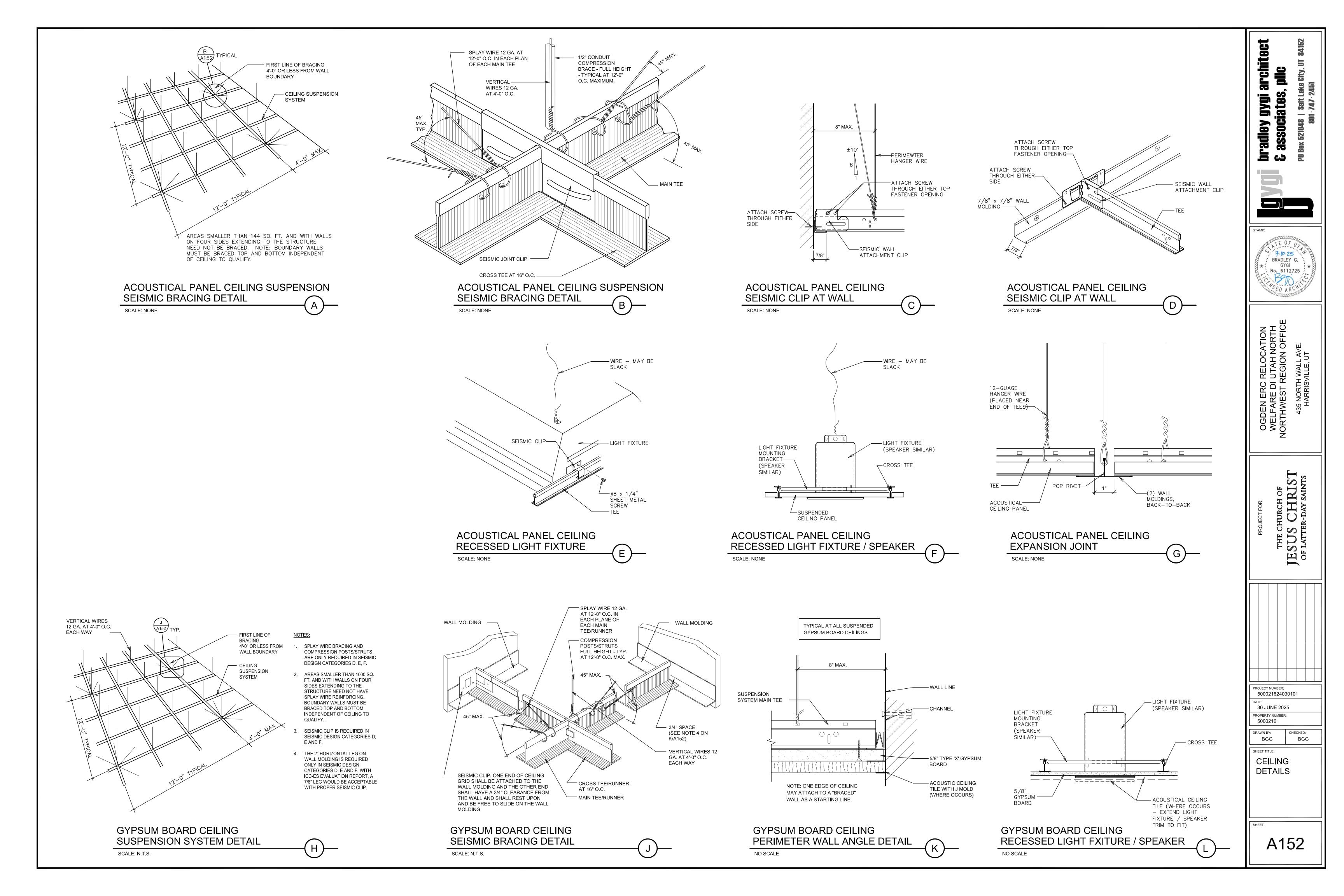


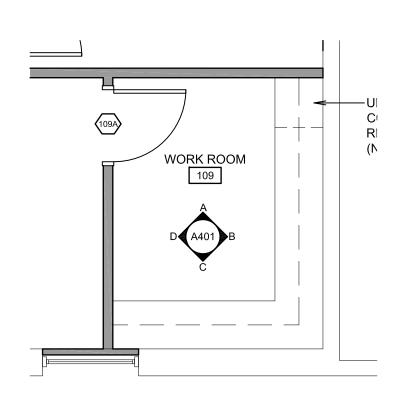
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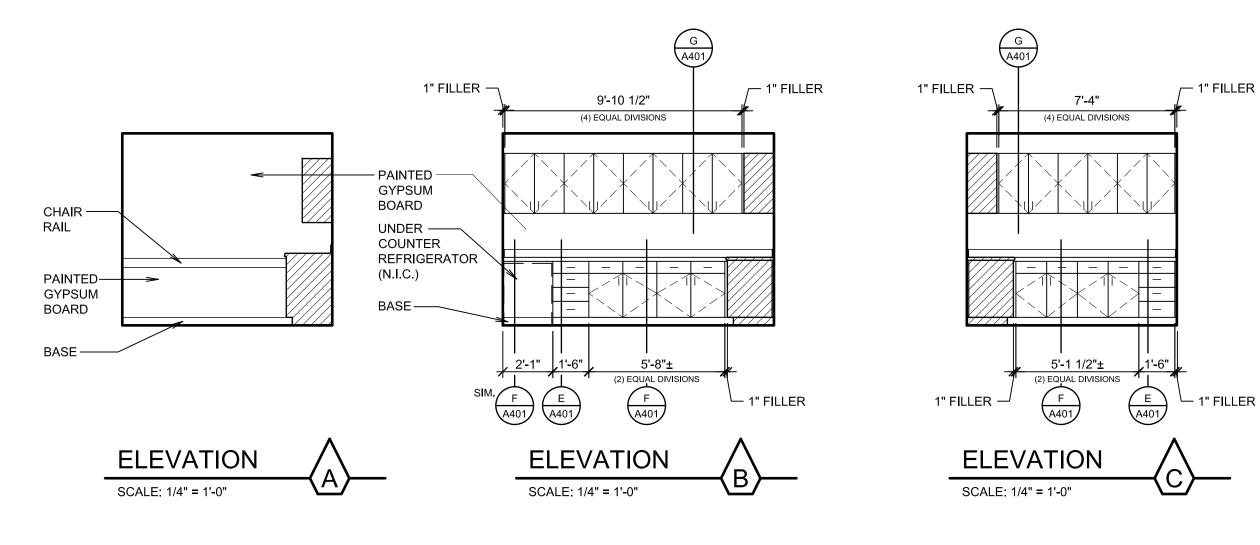
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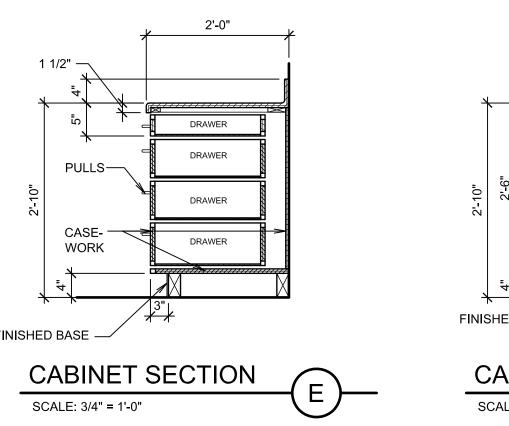


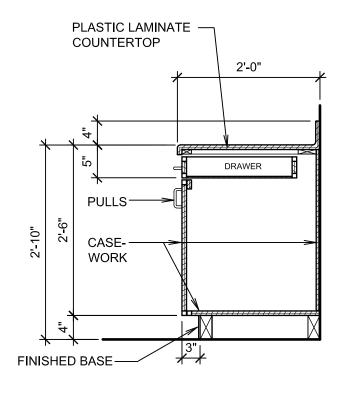


ENLARGED FLOOR PLAN ENLARGED WORK ROOM 109

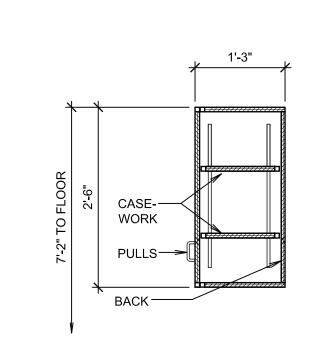
SCALE: 1/4" = 1'-0"













bradley gygi architect & associates, pllc

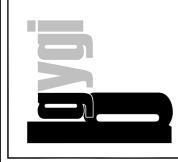
GYPSUM BOARD

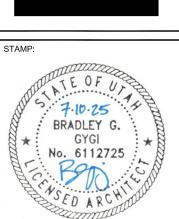
— PAINTED GYPSUM BOARD

— CHAIR RAIL

ELEVATION

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

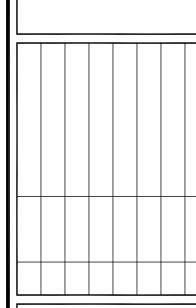




OGDEN ERC RELOCATION
WELFARE DI UTAH NORTH
NORTHWEST REGION OFFICE
435 NORTH WALL AVE.
HARRISVILLE, UT

THE CHURCH OF

JESUS CHRIST
OF LATTER-DAY SAINTS



PROJECT NUMBER: 500021624030101 DATE: 30 JUNE 2025

PROPERTY NUMBER: 5000216

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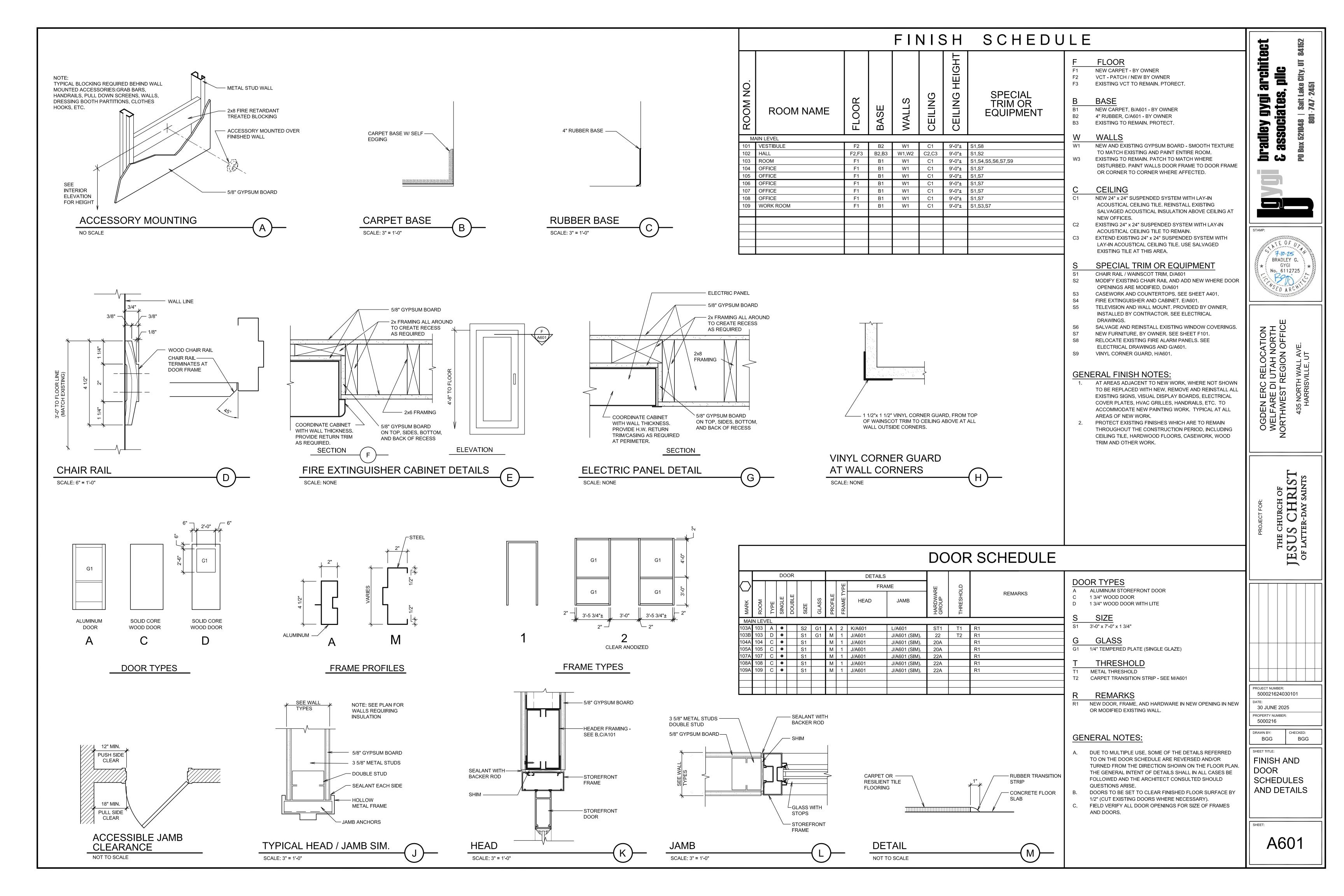
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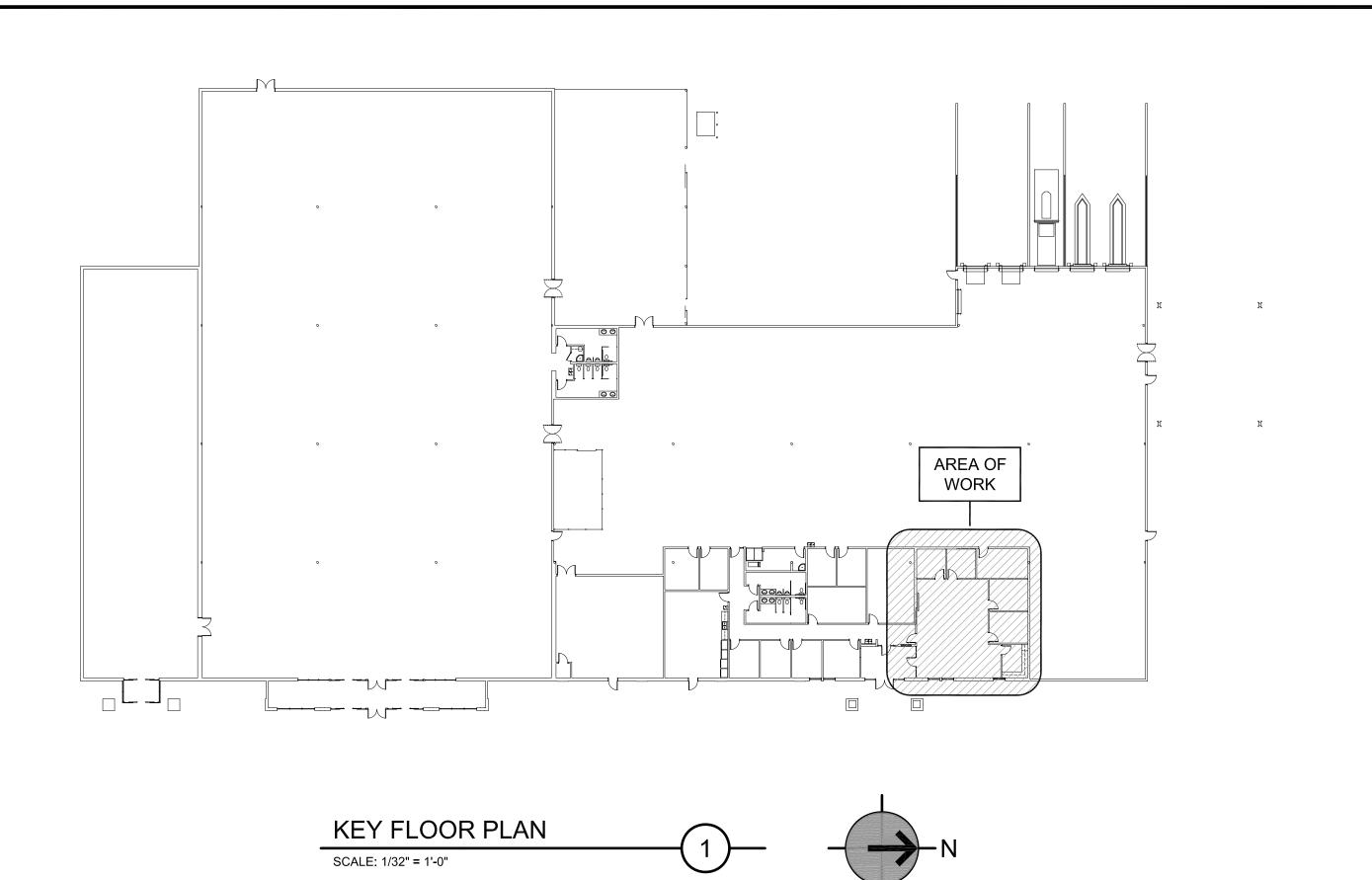
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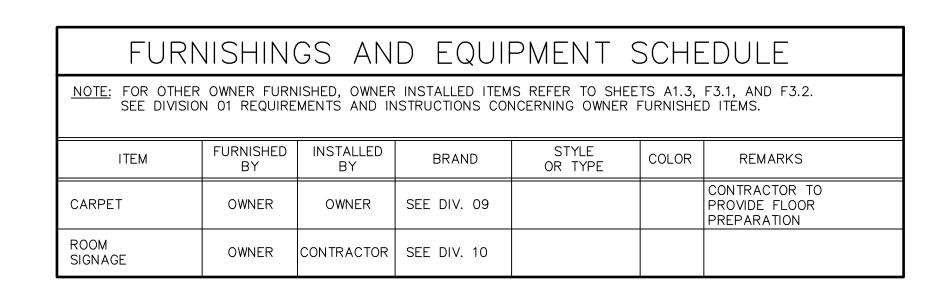
WORK ROOM

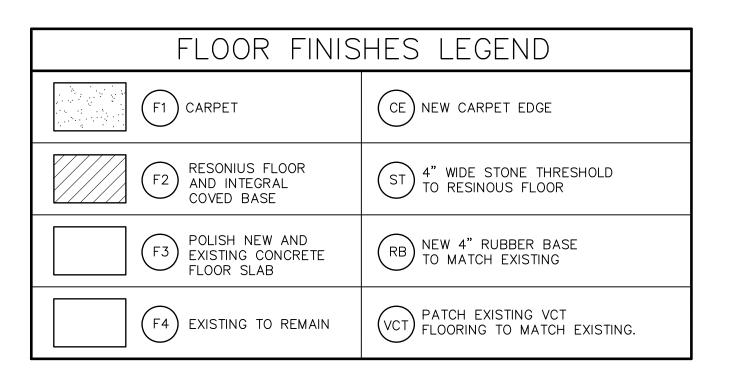
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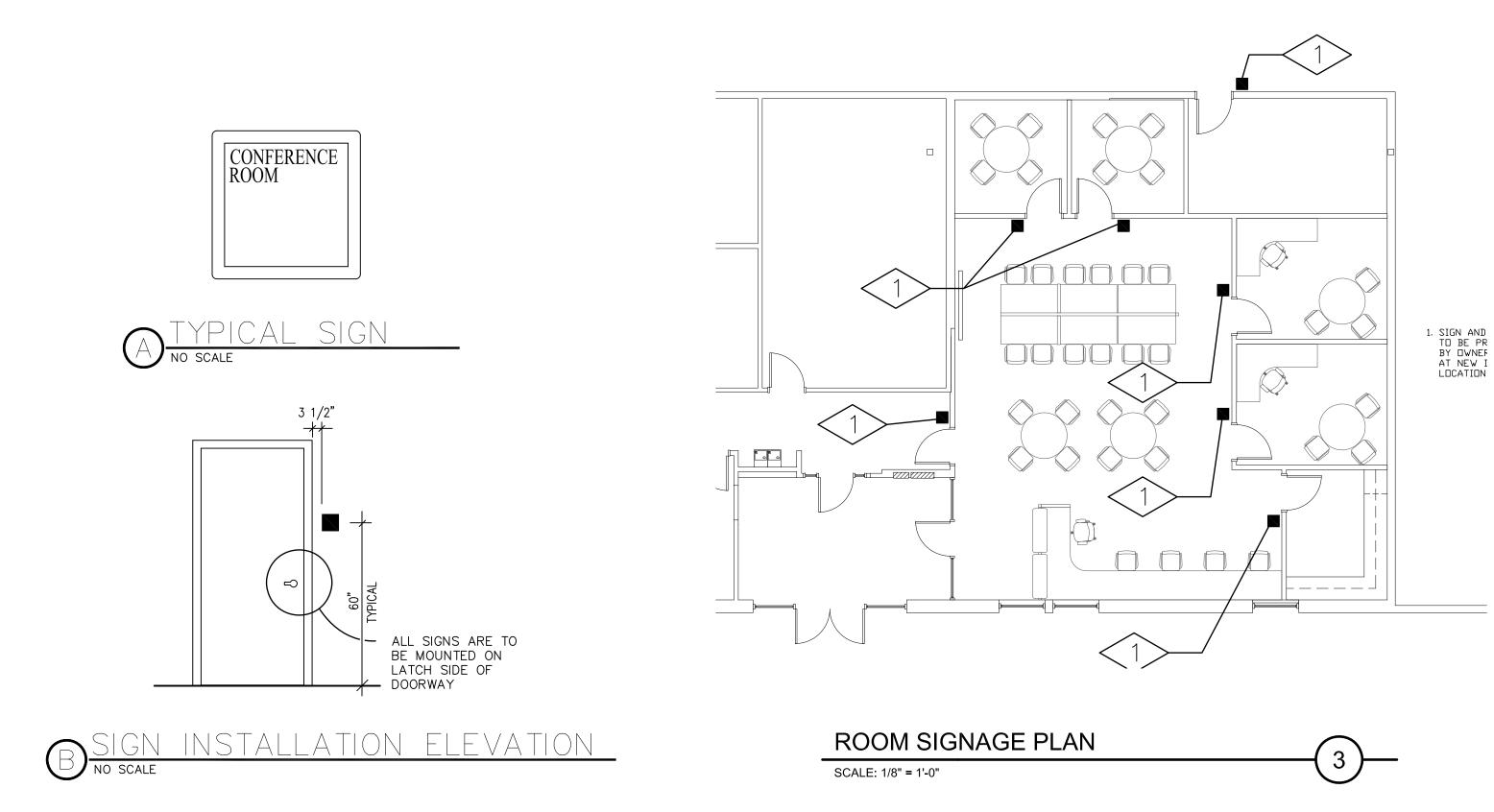
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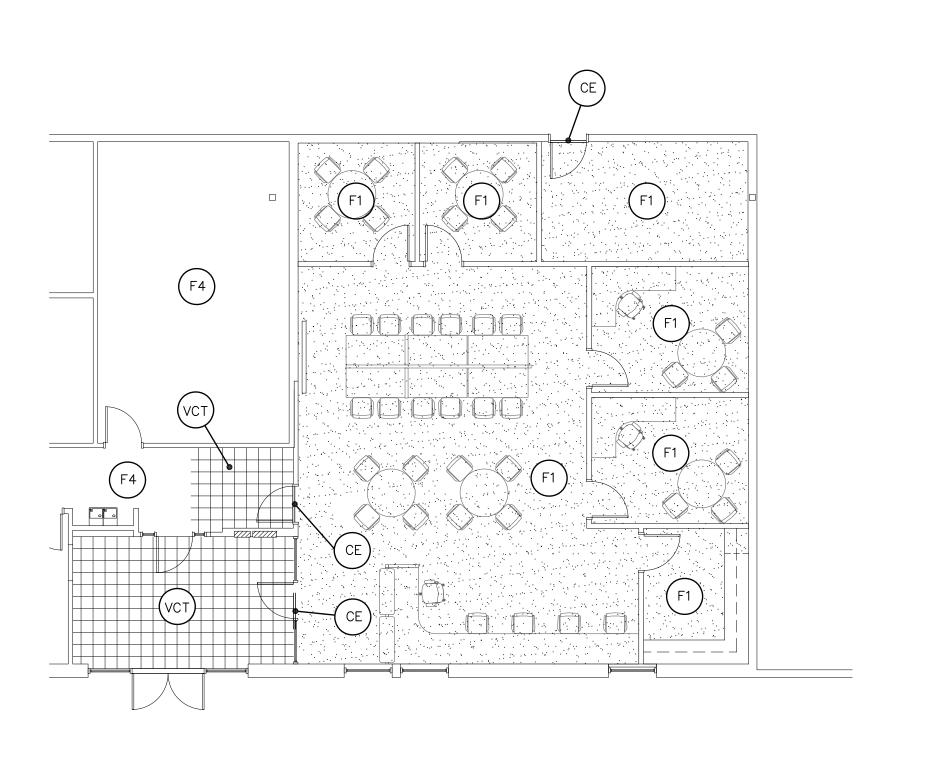








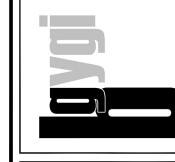


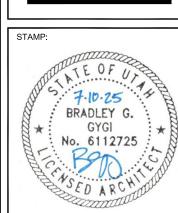


FLOOR FINISHES PLAN

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

bradley gygi architect & associates, pllc





OGDEN ERC RELOCATION
WELFARE DI UTAH NORTH
NORTHWEST REGION OFFICE
435 NORTH WALL AVE.
HARRISVILLE, UT

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

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PROJECT NUMBER:
500021624030101

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PROPERTY NUMBER:
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FLOOR FINISH AND ROOM SIGNAGE PLANS

SHEET:

F101

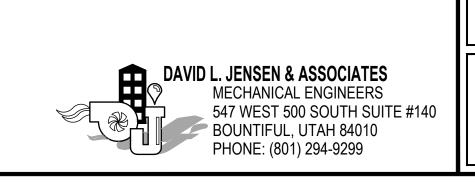
HVAC GENERAL NOTES

- 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.

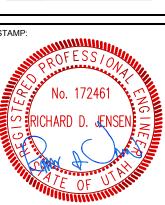
			MECHANICAL AI	BBKE	VIATIONS		
AD	ACCESS DOOR	DEG	DEGREE FAHRENHEIT	HPS	HIGH PRESSURE STEAM	PD	PRESSURE DROP
AFF	ABOVE FINISHED FLOOR	DEMO	DEMOLITION	HR	HOUR	PERF	PERFORATE(D)
AHU	AIR HANDLING UNIT	DET	DETAIL	HTG	HEATING	PH	PHASE
Al	ANALOG INPUT	DH	DUCT HEATER	HVAC	HEATING, VENTILATING & AIR	PLUM	PLUMBING
ALT	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		DS	DOWNSPOUT	IN	INCHES	REQD	REQUIRED
ASME	AMERICAN SOCIETY OF	EA	EXHAUST AIR	INWC	INCHES OF WATER COLUMN	REV	REVISION
101112	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
BOD	BOTTOM OF DUCT	ERV	ENERGY RECOVERY	LB	POUND	RPM	REVOLUTIONS PER MINUTE
BOP	BOTTOM OF PIPE		VENTILATION	LPC	LOW PRESSURE	RS	REFRIGERANT SUCTION
BTU	BRITISH THERMAL UNIT	ESP	EXTERNAL STATIC PRESSURE	1510	CONDENSATE	SA	SUPPLY AIR
BTU	BTU PER HOUR	ET	EXPANSION TANK	LPS	LOW PRESSURE STEAM	SCHED	
C	COMMON	EWT	ENTERING WATER	LWT	LEAVING WATER	SEN	SENSIBLE
C	CONVECTOR		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		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		MECHANICAL ROOM	TSTAT	THERMOSTAT
CHWS	CHILLED WATER RETORN CHILLED WATER SUPPLY	+			MANUFACTURER		
		FLEX FO	FLEXIBLE FLAT OVAL	MFR		TVD	TEMPERED WATER
CO2	CARBON DIOXIDE			MIN	MINIMUM	TYP	TYPICAL
COMB	COMBUSTION	FPM	FEET PER MINUTE	MISC	MISCELLANEOUS	UH	UNIT HEATER
CONTR	CONTRACTOR		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	JOU	OUTDOOR UNIT	WB	WET BULB
DB	DRY BULB	HP	HORSEPOWER	Р	PUMP	WPD	WATER PRESSURE DROP
DD	DUAL DUCT BOX	HP	HEAT PUMP	PCF	POUNDS PER CUBIC FEET		

		MECHA	NICAL LEGEND NOT	TE: NEW ITEMS SHOWN DA	ARK, EXISTING ITEMS SHOWN LIGHT. PPEAR ON DRAWINGS.
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
內	AUTOMATIC 2-WAY VALVE	—— I——	UNION	→	BRANCH DUCT TAKE-OFF WITH MANUAL DAMPER
垦	AUTOMATIC 3-WAY VALVE	**	VENTURI	T^T	
<u> </u>	AUTOMATIC BALL FLOAT VENT	WFS	WATER FLOW SWITCH		DUCT FLEXIBLE CONNECTION
Ф	BALL VALVE	cws	CONDENSER WATER SUPPLY	(c)	TURNING VANES
——————————————————————————————————————	CAPPED END W/BALL VALVE	CWR	CONDENSER WATER RETURN	1261	
ightharpoonup	CHECK VALVE	CHWS	CHILLED WATER SUPPLY		DUCT TEE CONNECTION
♦	COMBINATION BALANCING VALVE/ SHUTOFF	CHWR	CHILLED WATER RETURN		DUCT TRANSITION
₹	DEVICE IN DROP	——— HWS———	HOT WATER HTG. SUPPLY		SQUARE TO ROUND DUCT TRANSITION
	DIRECTION OF SLOPE	HWR	HOT WATER HTG. RETURN	}	AUTOMATIC DAMPER
4	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 EXHAUST AIR, RISE AND DROP
⟨FM⟩	FLOW METER	—— RL ——	REFRIGERANT PIPING - LIQUID		OUTSIDE AIR, RISE AND DROP
內	GATE VALVE	—— RS ——	REFRIGERANT PIPING - SUCTION		RELIEF AIR, RISE AND DROP
M	GLOBE VALVE	—— D ——	CONDENSATE DRAIN PIPING		ROUND DUCT, RISE AND DROP
T	IMMERSION WELL	A	REFRIGERANT SHUT-OFF VALVE		FLAT OVAL DUCT, RISE AND DROP
<u>B</u> B	INLINE PUMP	J	EXPANSION VALVE	2 FO	FLAT OVAL DUCT
-	MANUAL VENT WITH BALL VALVE	0	MOISTURE INDICATING SIGHT GLASS	FSD FSD	FIRE DAMPER FIRE SMOKE DAMPER
	P & T PLUG IN IMMERSION WELL		FLEXIBLE CONNECTION	<u> </u>	FLEXIBLE DUCT
C+	PIPE DROP	(F)	FILTER DRIER	X-#	AIR DEVICE
	PIPE INLINE DROP	*	PIPE SUPPORT	X-# #	AIR DEVICE CFM
	PIPE INLINE RISE	*	EXTERIOR PIPE SUPPORT	(#)	KEYED NOTE
+0	PIPE RISER	A .	EXTERIOR PIPE SUPPORT	X-#	EQUIPMENT CALLOUT
兔	PNEUMATIC 2-WAY VALVE		DIRECTION OF SLOPE DOWN	X S#	DETAIL NUMBER SHEET DETAIL APPEARS
②	PRESSURE GUAGE	_s_	SUCTION LINE	#	LARGE SCALE NUMBER
Ø •	PRESSURE GAGE W/BALL VALVE	/L	LIQUID LINE	S# S#	SHEET LARGE SCALE APPEARS
R	RELIEF VALVE		TRAP. ONE PIECE FACTORY FABRICATED	- i	AIR FLOW DIRECTION
	SCREWED CONCENTRIC REDUCER	(T)	THERMOSTAT	TOP	SECTION LETTER
	STEAM TRAP	S	SENSOR	BOT	SHEET NUMBER
E.E.	STRAINER	CO2	CO2 SENSOR	ROOM NO	ROOM NAME ROOM NUMBER
	THERMOMETER	0	J-BOX		ACCESS DOOR
	THREADED HOSE CONNECTION	•	NEW CONNECTION		REVISION DELTA



bradley gygi architect 8 associates, pllc





OGDEN ERC RELOCATION
WELFARE DI UTAH NORTH
NORTHWEST REGION OFFIC
HARRISVILLE LIT

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

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SHEET TITLE:

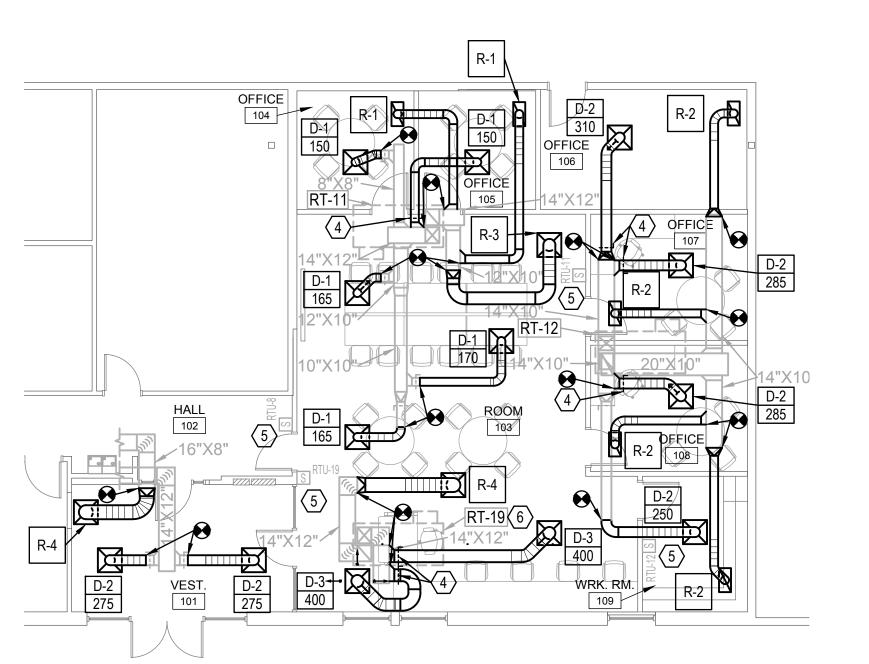
MECHANICAL

LEGEND AND

GENERAL

M001

PARTIAL DEMOLITION MECHANICAL FLOOR PLAN SCALE: 1/8" = 1'-0"



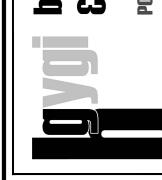
PARTIAL NEW MECHANICAL FLOOR PLAN

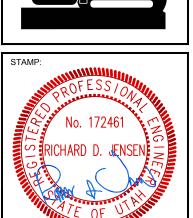
SCALE: 1/8" = 1'-0"

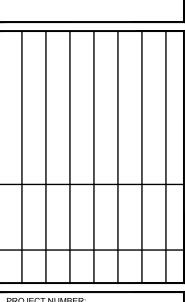


(#) KEYED NOTES FOR SHEET M101

- 1 DIFFUSERS, GRILLES, AND DUCTWORK (SHOWN HATCHED) TO BE REMOVED.
- 2 EXISTING ROOFTOP UNIT TO REMAIN.
- 3 EXISTING ZONE SENSOR TO BE RELOCATED. SEE 2/M101.
- 4 NEW BALANCE DAMPER.
- 5 NEW LOCATION OF RELOCATED ZONE SENSOR.
- 6 REBALANCE EXISTING ROOFTOP UNIT TO 800 CFM.







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5000216 TJA

MECHANICAL FLOOR PLANS

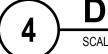
M101

DAVID L. JENSEN & ASSOCIATES

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

				TRAN	ISVERSE RE	INFORCING	(1)
					AT JOI	NTS	
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 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

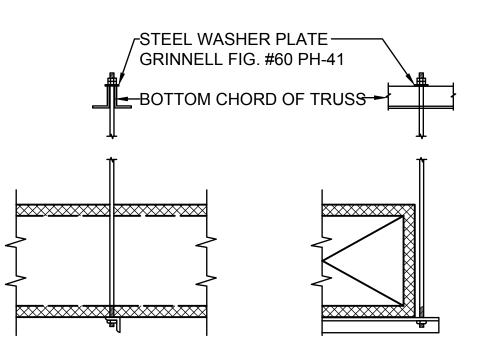
- (1) TRANSVERSE REINFORCING SIZE IS DETERMINED BY DIMENSION OF SIDE TO WHICH ANGLE IS APPLICABLE
- (2) LONGITUDINAL JOINTS TO BE PITTSBURGH OR SNAP LOCK TYPE.
- (3) IF BAR SLIP OR REINFORCED BAR SLIP JOINTS ARE USED, ANGLE IRON REINFORCING SHALL NOT BE REQUIRED.

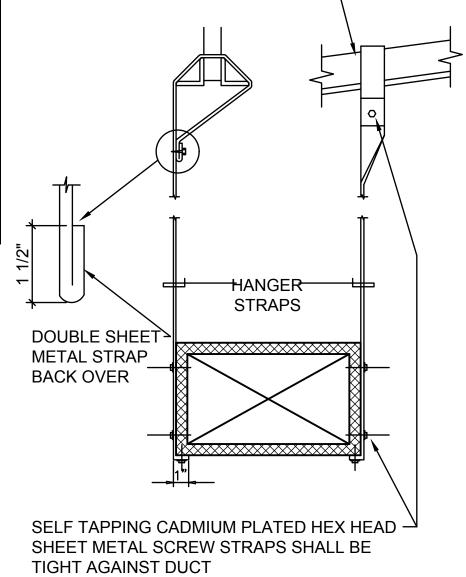


DUCT CONSTRUCTION DETAIL SCALE: N.T.S.

HANGER SIZES FOR RECTANGULAR DUCT

MAX. SIDE	HANGER	HORIZANTAL SUPPORT ANGLE	MAXIMUM SPACING
30"	1"X18 GAGE STRAP	NONE REQUIRED	8'-0"
38"	1/4" ROUND ROD	1-1/2"X1-1/2"X1/8"	8'-0"
48"	1/4" ROUND ROD	2"X2"X1/8"	8'-0"
60"	5/16" ROUND ROD	2"X2"X1/8"	8'-0"
84"	3/8" ROUND ROD	2"X2"X1/8"	8'-0"



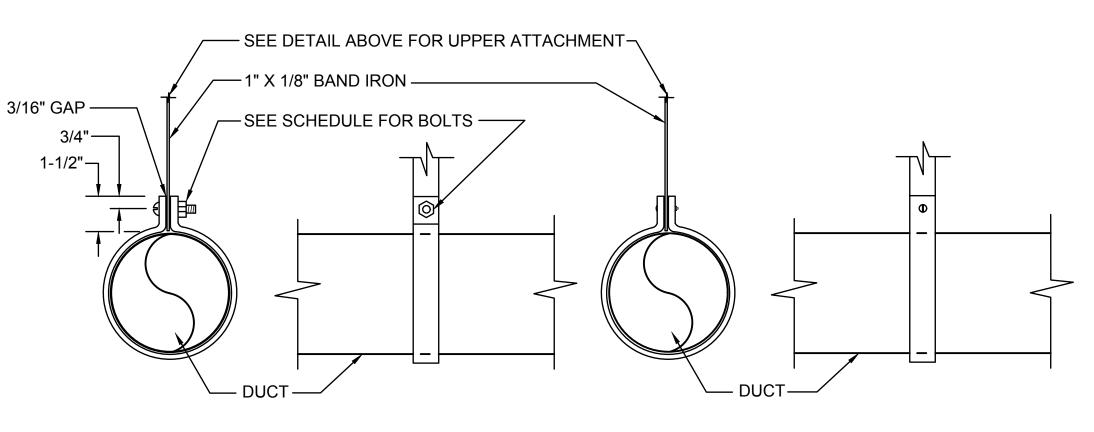


BOTTOM CHORD OF

JOISTS —

JOISTS OR CHANNEL SPANNING BETWEEN

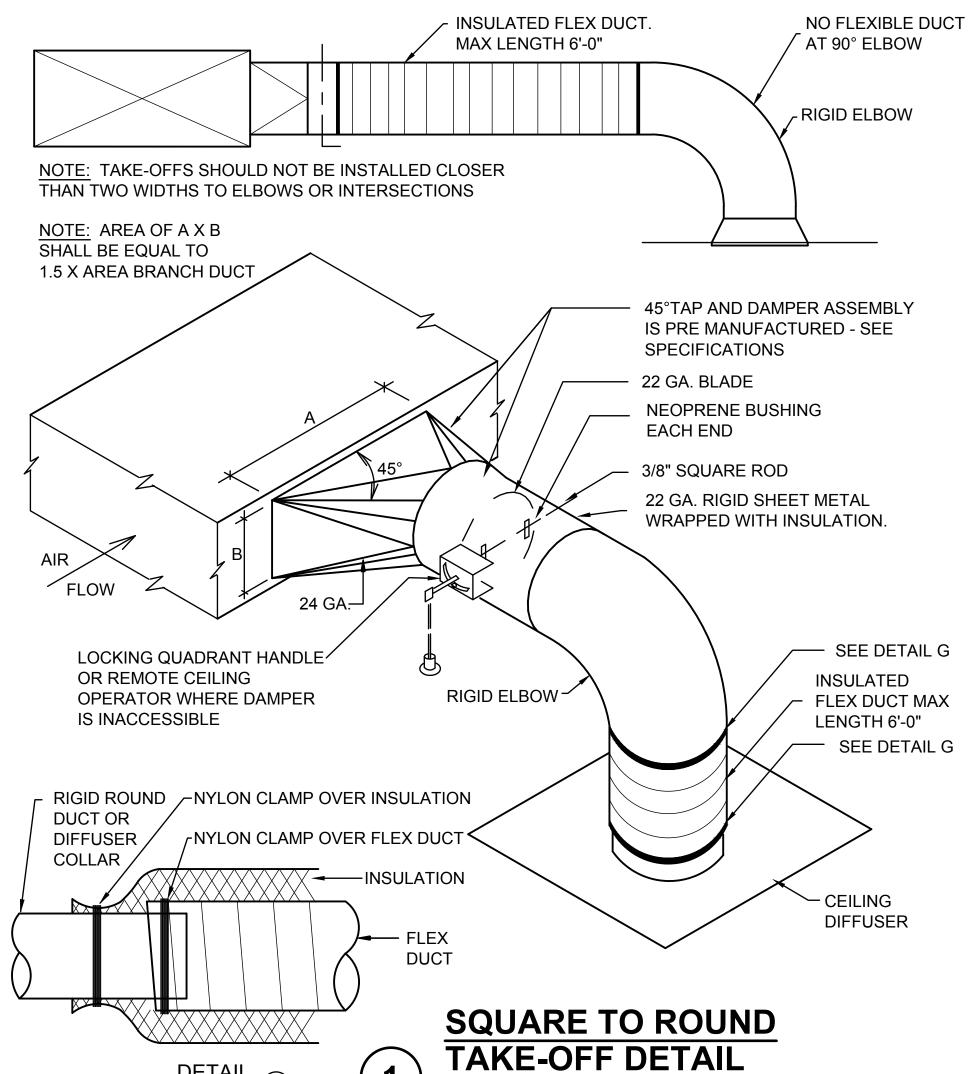
		DUCT LO			E	
DUCT DIAMETER	MIN. HANGER SIZE GALV. STEEL STRAP	RECOMMENDED SPACING	NO. OF HANGERS	HANGERS RING SIZE	BOLT SIZE	SHEET METAL SCREW SIZE
UP TO 18"	1" X 1/8"	10 FT.	1	1 X 16 GA.	N/A	3/8"
19" TO 24"	1" X 1/8"	10 FT.	1	1" X 1/8"	N/A	3/8"
25" TO 36"	1" X 1/8"	10 FT.	1	1" X 1/8"	1/2"	N/A
37" TO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

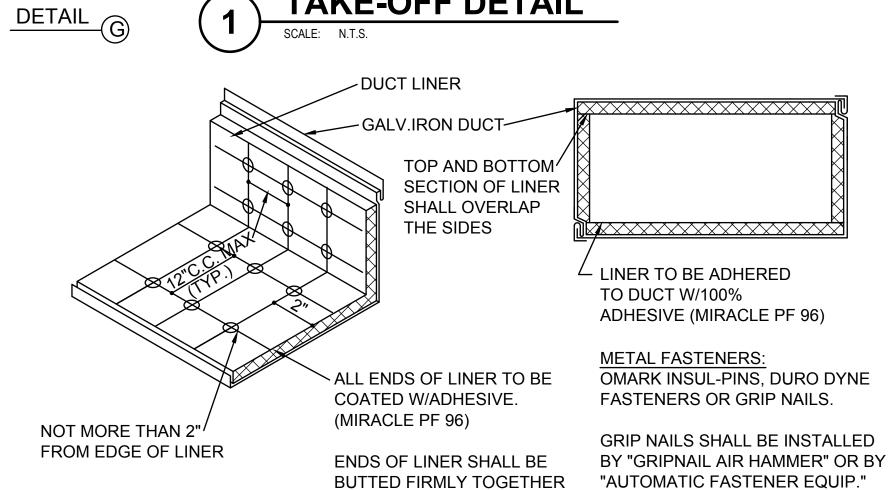


NO POP RIVETS ALLOWED

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





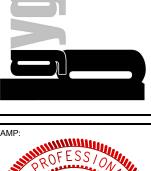


DUCT LINER DETAIL
SCALE: N.T.S.

DAVID L. JENSEN & ASSOCIATES

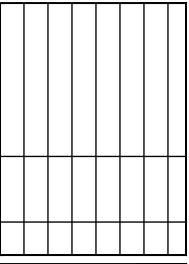
MECHANICAL ENGINEERS

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





THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS



PROJECT NUMBER: 500021624030101 30 JUNE 2025

5000216 TJA RDJ

MECHANICAL DETAILS

M501



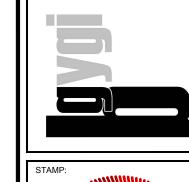
DIFFUSER, REGISTER, GRILLE AND LOUVER SCHEDULE

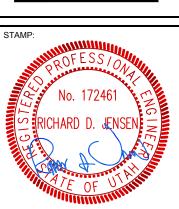
NOTES:

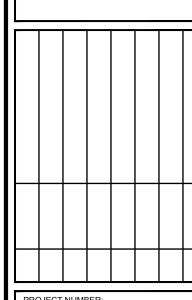
(1) DIFFUSERS ARE 4-WB UNLESS DEFINED OTHERWISE ON THE DRAWINGS.

(2) DUCT RUNOUT IS THE SAME SIZE AS THE NECK INLET.

MARK	SERVICE	TYPE	CFM RANGE	NECK INLET	FRAME	MODULE	MATERIAL	FINISH	NOTES	MANUFACTURER	MODEL
				IN		SIZE IN					NUMBER
D-1	SUPPLY	CEILING	90-210	8" DIA	TYPE 3P	24X24	STEEL	WHITE	(1)(2)	PRICE	SMD
D-2	SUPPLY	CEILING	200-360	10" DIA	TYPE 3P	24X24	STEEL	WHITE	(1)(2)	PRICE	SMD
D-3	SUPPLY	CEILING	300-600	12" DIA	TYPE 3P	24X24	STEEL	WHITE	(1)(2)	PRICE	SMD
R-1	RETURN	CEILING	90-210	8" DIA	TYPE TB	12X24	STEEL	WHITE	(2)	PRICE	535
R-2	RETURN	CEILING	200-360	10" DIA	TYPE TB	12X24	STEEL	WHITE	(2)	PRICE	535
R-3	RETURN	CEILING	300-600	12" DIA	TYPE TB	24X24	STEEL	WHITE	(2)	PRICE	535
R-4	RETURN	CEILING	500-900	14" DIA	TYPE TB	24X24	STEEL	WHITE	(2)	PRICE	535







PROPERTY NUMBER: 5000216

CHECKED: RDJ TJA

MECHANICAL SCHEDULES

M601

1BOL	WIRING DEVICE SY	MBOLS			LIGHTING SYMB	OLS	
	DESCRIPTION	MOUNTING	REMARKS	1. LIGHT FIX	XTURE SYMBOLS ARE GENERAL IN NATURE AND MAY BE SHOWN ON		VARIOUS SIZES AND SHAPES REFER TO
₿	SINGLE-POLE TOGGLE SWITCH	+48"		11	HT FIXTURE SCHEDULE FOR SPECIFICATION INFORMATION.	DIVIVINOO IN	
* 5 a	SINGLE-POLE TOGGLE SWITCH	+48"	SUBSCRIPT KEYS SWITCH TO FIXTURES	2. ARROWS	S INDICATE AIMING DIRECTION.		
<u>. </u>	DOUBLE-POLE TOGGLE SWITCH	+48"	CONTROLLED.	SYMBOL	DESCRIPTION	MOUNTING	REMARKS
\$ 2 \$ 3	THREE-WAY TOGGLE SWITCH	+48"		 	ARM-MOUNTED SINGLE-HEAD LIGHT FIXTURE AND POLE	AS SPECIFIED	
∮ ₄	FOUR-WAY TOGGLE SWITCH	+48"		 		OR DETAILED	
\$ K	KEY-OPERATED SINGLE-POLE TOGGLE SWITCH	+48"			ARM-MOUNTED DOUBLE-HEAD LIGHT FIXTURE AND POLE	AS SPECIFIED	
P	SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT	+48"				OR DETAILED	
DIM	DIMMER SWITCH	+48"	RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE		POST-TOP SINGLE-HEAD, LIGHT FIXTURE AND POLE	AS SPECIFIED	
≯ TIM	TIMER SWITCH	+48"	PUSSIBLE WAITAGE		·	OR DETAILED	
	(2) SINGLE-POLE TOGGLE SWITCH	+48"	DUAL LEVEL SWITCH OUTBOARD LAMPS		WALL-MOUNTED FIXTURE	AS SPECIFIED OR DETAILED	REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING HEIGHT
i\$	(2) SINGLE FOLL FOOGLE SWITCH		SEPARATELY FROM INBOARD LAMPS.		LIGHT BOLLARD	AS SPECIFIED	LEE WITHOUT ON MOONTING TIELOTT
a LV	LOW VOLTAGE MOMENTARY CONTACT SWITCH	+48"				OR DETAILED	
3PM	3-POSITION MOMENTARY CONTACT SWITCH	+48"	REFER TO DETAIL UP-ON; CENTER-NEUTRAL: DOWN-OFF	•	FLOOD LIGHT	AS SPECIFIED OR DETAILED	
3PN	3-POSITION MAINTAINED CONTACT SWITCH	+48"	UP-ON; CENTER-OFF; DOWN-ON	 	RECESSED WALL FIXTURE OR STEP LIGHT	AS SPECIFIED	REFER TO ARCHITECTURAL EXTERIOR
SOS OS	WALL MOUNTED OCCUPANCY SENSOR SWITCH	+48"	or on, center or , born on	<u> </u>	MEDICAL STOLE COM	OR DETAILED	ELEVATIONS FOR MOUNTING HEIGHT
2 OS	DUAL RELAY WALL MOUNTED OCCUPANCY SENSOR SWITCH	+48"		\parallel \sqcap	LIGHT FIXTURES	AS SPECIFIED OR DETAILED	
)	OCCUPANCY SENSOR	AS NOTED	CEILING MOUNTED WITH SUBSCRIPT 'C';	╢ 戸 -		ONDETAILED	
	COLUT WIRED DUDI EV DEGESTA OLE	.40"	WALL-MOUNTED WITH SUBSCRIPT 'W'				
• •	SPLIT-WIRED DUPLEX RECEPTACLE	+18"			WALL-MOUNTED LINEAR LIGHT FIXTURE	AS SPECIFIED	
	SIMPLEX RECEPTACLE	+18"			1	OR DETAILED	
	DUPLEX RECEPTACLE	+18"	PANCE NEMA 14 FOR		LINEAR WALL WASHER	AS SPECIFIED OR DETAILED	
	125/250V RECEPTACLE	+18"	RANGE NEMA 14-50R DRYER NEMA 14-30R		RECESSED DOWN LIGHT	AS SPECIFIED	
	FOURPLEX RECEPTACLE	+18"				OR DETAILED	
:	GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLE	+18"			RECESSED WALL-WASHER OR DIRECTIONAL DOWNLIGHT	AS SPECIFIED OR DETAILED	IF SHOWN, ARROW INDICATES AIMING DIRECTION
	GROUND FAULT CIRCUIT INTERRUPTER FOURPLEX	+18"		1	SURFACE OR PENDANT-MOUNTED LIGHT FIXTURE	AS SPECIFIED	DINLOTION
	RECEPTACLE	140"		\parallel	SS ST. S.	OR DETAILED	
:	EMERGENCY DUPLEX RECEPTACLE	+18"		Ю	WALL-MOUNTED LIGHT FIXTURE	AS SPECIFIED	REFER TO ARCHITECTURAL EXTERIOR
:	EMERGENCY FOURPLEX RECEPTACLE	+18" 4" ABOVE			TRACK OF MONO POINT HOUT FIVE IN	OR DETAILED	ELEVATIONS FOR MOUNTING HEIGHT
—	MULTI-OUTLET ASSEMBLY	4" ABOVE BACKSPLASH			TRACK OR MONO-POINT LIGHT FIXTURE	AS SPECIFIED OR DETAILED	IF SHOWN, ARROW INDICATES AIMING DIRECTION
	POWER / TELEPHONE POLE	FLOOR/CEILING			WALL SCONCE	AS SPECIFIED	
+	CORD DROP WITH DUPLEX RECEPTACLE		REFER TO DETAIL]	FORESS HOUT FINTING	OR DETAILED	THO IO AN EVANO: 5 05
	SPECIAL PURPOSE OUTLET	+18"	SUBSCRIPT IN PARENTHESIS INDICATES		EGRESS LIGHT FIXTURE	AS SPECIFIED OR DETAILED	THIS IS AN <u>EXAMPLE</u> OF AN EGRESS LIGHT FIXTURE. EGRESS LIGHT FIXTURES ARE
-20R)			NEMA CONFIGURATION IF SHOWN. REFER TO DRAWINGS AND/OR EQUIPMENT				HALF-SHADED DIAGONALLY.
-011)			SCHEDULES. CONFIRM EXACT CONFIGURATION WITH OWNER PRIOR TO		EMERGENCY (NON-EGRESS) LIGHT FIXTURE	AS SPECIFIED	THIS IN AN EXAMPLE OF AN EMERGENCY
			INSTALLATION.			OR DETAILED	(NON-EGRESS) LIGHT FIXTURE.
	I	<u> </u>					EMERGENCY FIXTURES ARE FULLY-SHADED.
	FIRE ALARM SYMI	BOLS		(⊗	CEILING MOUNTED EXIT SIGN	CEILING	DARKENED PORTION OF SIGN INDICATES
OL	DESCRIPTION	MOUNTING	REMARKS		WALL-MOUNTED EXIT SIGN	WALL	FACE(S); ARROW(S) INDICATE CHEVRON DIRECTION(S)
)]	BEAM DETECTOR - TRANSMITTER	4" BELOW	CEM TOO	 	WALL MOUNTED EVIT CION WE FUED CONTROL	ABOVE DOOR	- 17
	SOUNDED FOR THANKS IN THE STATE OF THE STATE	CEILING TO TOP			WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE	WALL ABOVE DOOR	
	DEAM DETECTOR DECEMEN	OF DETECTOR		┧ Ь			
]	BEAM DETECTOR - RECEIVER	4" BELOW CEILING TO TOP		TC	TIME CLOCK	+60"	
		OF DETECTOR		- • 	EMERGENCY LIGHT FIXTURE	AS NOTED	
]	END OF LINE DEVICE	MANUFACTURER RECOMMENDED		'			
	TAMPER SWITCH	AT VALVE		®	ELECTRIC PHOTOCELL	N/A	MOUNT ON ROOF FACING NORTH SKY
<u> </u> 	WATER FLOW INDICATOR	ON FIRE RISER			LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE)		
<u> </u>	FIRE/SMOKE DAMPER				SECURITY SYMB	OLS	
_	HEAT DETECTOR	CEILING					
)		CEILING		SYMBOL	DESCRIPTION	MOUNTING	REMARKS
)	SMOKE DETECTOR	CEILING	· · · · · · · · · · · · · · · · · · ·	MD	MOTION DETECTOR	CEILING	SUBSCRIPT DENOTES DEGREES OF MONITORED AREA
)	DUCT SMOKE DETECTOR	SIDE OF DUCT		71		,	=:-
)	DUCT SMOKE DETECTOR FIRE ALARM MANUAL STATION	SIDE OF DUCT +48"			DURESS PUSH-BUTTON	BELOW DESK	
	DUCT SMOKE DETECTOR	SIDE OF DUCT +48" AT DEVICE(S) TO		OHS	DURESS PUSH-BUTTON OVERHEAD MAGNETIC CONTACT DOOR SWITCH	BELOW DESK DOOR	
D	DUCT SMOKE DETECTOR FIRE ALARM MANUAL STATION	SIDE OF DUCT +48" AT DEVICE(S) TO BE CONTROLLED					
D	DUCT SMOKE DETECTOR FIRE ALARM MANUAL STATION CONTROL MODULE	SIDE OF DUCT +48" AT DEVICE(S) TO		OHS	OVERHEAD MAGNETIC CONTACT DOOR SWITCH	DOOR	
b D	DUCT SMOKE DETECTOR FIRE ALARM MANUAL STATION CONTROL MODULE	SIDE OF DUCT +48" AT DEVICE(S) TO BE CONTROLLED AT DEVICE(S) TO MONITOR AT FAN CONTROL		OHS	OVERHEAD MAGNETIC CONTACT DOOR SWITCH MAGNETIC CONTACT DOOR SWITCH	DOOR DOOR	
0	DUCT SMOKE DETECTOR FIRE ALARM MANUAL STATION CONTROL MODULE MONITOR MODULE FAN SHUTDOWN RELAY	SIDE OF DUCT +48" AT DEVICE(S) TO BE CONTROLLED AT DEVICE(S) TO MONITOR AT FAN CONTROL PANEL		(b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	OVERHEAD MAGNETIC CONTACT DOOR SWITCH MAGNETIC CONTACT DOOR SWITCH GLASS BREAK DETECTOR SIREN	DOOR DOOR CEILING +90"	
)	DUCT SMOKE DETECTOR FIRE ALARM MANUAL STATION CONTROL MODULE MONITOR MODULE	SIDE OF DUCT +48" AT DEVICE(S) TO BE CONTROLLED AT DEVICE(S) TO MONITOR AT FAN CONTROL PANEL COORDINATE WITH DOOR	COORDINATE WITH DOOR INSTALLER; SUBSCRIPT 'F' INDICATES TO MOUNT	(b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	OVERHEAD MAGNETIC CONTACT DOOR SWITCH MAGNETIC CONTACT DOOR SWITCH GLASS BREAK DETECTOR	DOOR DOOR CEILING +90"	
	DUCT SMOKE DETECTOR FIRE ALARM MANUAL STATION CONTROL MODULE MONITOR MODULE FAN SHUTDOWN RELAY MAGNETIC DOOR HOLDER	SIDE OF DUCT +48" AT DEVICE(S) TO BE CONTROLLED AT DEVICE(S) TO MONITOR AT FAN CONTROL PANEL COORDINATE WITH DOOR INSTALLER	COORDINATE WITH DOOR INSTALLER;	(b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	OVERHEAD MAGNETIC CONTACT DOOR SWITCH MAGNETIC CONTACT DOOR SWITCH GLASS BREAK DETECTOR SIREN	DOOR DOOR CEILING +90"	REMARKS
	DUCT SMOKE DETECTOR FIRE ALARM MANUAL STATION CONTROL MODULE MONITOR MODULE FAN SHUTDOWN RELAY MAGNETIC DOOR HOLDER WATER FLOOD INDICATOR	SIDE OF DUCT +48" AT DEVICE(S) TO BE CONTROLLED AT DEVICE(S) TO MONITOR AT FAN CONTROL PANEL COORDINATE WITH DOOR INSTALLER FLOOR	COORDINATE WITH DOOR INSTALLER; SUBSCRIPT 'F' INDICATES TO MOUNT AT FLOOR LEVEL	©HS	OVERHEAD MAGNETIC CONTACT DOOR SWITCH MAGNETIC CONTACT DOOR SWITCH GLASS BREAK DETECTOR SIREN GEAR AND CONTROL	DOOR DOOR CEILING +90" SYMBOLS	REMARKS
	DUCT SMOKE DETECTOR FIRE ALARM MANUAL STATION CONTROL MODULE MONITOR MODULE FAN SHUTDOWN RELAY MAGNETIC DOOR HOLDER WATER FLOOD INDICATOR AUDIO HORN	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; MEASURED	COORDINATE WITH DOOR INSTALLER; SUBSCRIPT 'F' INDICATES TO MOUNT AT FLOOR LEVEL SUBSCRIPT 'WP' INDICATES THAT A	©HS	OVERHEAD MAGNETIC CONTACT DOOR SWITCH MAGNETIC CONTACT DOOR SWITCH GLASS BREAK DETECTOR SIREN GEAR AND CONTROL DESCRIPTION	DOOR DOOR CEILING +90" SYMBOLS MOUNTING	REMARKS
	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	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"	COORDINATE WITH DOOR INSTALLER; SUBSCRIPT 'F' INDICATES TO MOUNT AT FLOOR LEVEL SUBSCRIPT 'WP' INDICATES THAT A WEATHER PROOF BACK BOX IS REQ.	SYMBOL \$T	OVERHEAD MAGNETIC CONTACT DOOR SWITCH MAGNETIC CONTACT DOOR SWITCH GLASS BREAK DETECTOR SIREN GEAR AND CONTROL DESCRIPTION MANUAL STARTER WITH THERMAL OVERLOAD(S)	DOOR DOOR CEILING +90" SYMBOLS MOUNTING	REMARKS
1	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	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; MEASURED FROM LENS. IF CEILING IS	COORDINATE WITH DOOR INSTALLER; SUBSCRIPT 'F' INDICATES TO MOUNT AT FLOOR LEVEL SUBSCRIPT 'WP' INDICATES THAT A	SYMBOL \$T	OVERHEAD MAGNETIC CONTACT DOOR SWITCH MAGNETIC CONTACT DOOR SWITCH GLASS BREAK DETECTOR SIREN GEAR AND CONTROL DESCRIPTION MANUAL STARTER WITH THERMAL OVERLOAD(S) ELECTRIC MOTOR	DOOR DOOR CEILING +90" SYMBOLS MOUNTING AT EQUIPMENT	REMARKS
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1	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	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; MEASURED FROM LENS. IF CEILING IS LESS THAN 80", MOUNT WITHIN	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	©HS	OVERHEAD MAGNETIC CONTACT DOOR SWITCH MAGNETIC CONTACT DOOR SWITCH GLASS BREAK DETECTOR SIREN GEAR AND CONTROL DESCRIPTION MANUAL STARTER WITH THERMAL OVERLOAD(S) ELECTRIC MOTOR NON-FUSED DISCONNECT SWITCH FUSED DISCONNECT SWITCH CIRCUIT BREAKER AND ENCLOSURE	DOOR DOOR CEILING +90" SYMBOLS MOUNTING AT EQUIPMENT TOP AT +48"-72" TOP AT +48"-72" TOP AT +48"-72"	REMARKS
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	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 FIRE ALARM AUDIO/VISUAL SPEAKER/STROBE	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; MEASURED FROM LENS. IF CEILING IS LESS THAN 80", MOUNT WITHIN 6" OF CEILING.	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) FURNISHED BY FIRE PROTECTION CONTRACTOR AND INSTALLED AND	©HS	OVERHEAD MAGNETIC CONTACT DOOR SWITCH MAGNETIC CONTACT DOOR SWITCH GLASS BREAK DETECTOR SIREN GEAR AND CONTROL DESCRIPTION MANUAL STARTER WITH THERMAL OVERLOAD(S) ELECTRIC MOTOR NON-FUSED DISCONNECT SWITCH FUSED DISCONNECT SWITCH CIRCUIT BREAKER AND ENCLOSURE MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT	DOOR DOOR CEILING +90" SYMBOLS MOUNTING AT EQUIPMENT TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED FLOOR OR WALL	TOP AT +72" IF WALL MOUNTED TOP AT +72" IF
	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 FIRE ALARM AUDIO/VISUAL SPEAKER/STROBE	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; MEASURED FROM LENS. IF CEILING IS LESS THAN 80", MOUNT WITHIN 6" OF CEILING.	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) FURNISHED BY FIRE PROTECTION CONTRACTOR AND INSTALLED AND	©HS	OVERHEAD MAGNETIC CONTACT DOOR SWITCH MAGNETIC CONTACT DOOR SWITCH GLASS BREAK DETECTOR SIREN GEAR AND CONTROL DESCRIPTION MANUAL STARTER WITH THERMAL OVERLOAD(S) ELECTRIC MOTOR NON-FUSED DISCONNECT SWITCH FUSED DISCONNECT SWITCH CIRCUIT BREAKER AND ENCLOSURE MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP) COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP) REDUCED VOLTAGE STARTER	DOOR DOOR CEILING +90" SYMBOLS MOUNTING AT EQUIPMENT TOP AT +48"-72" FLOOR OR WALL AS SPECIFIED FLOOR OR WALL AS SPECIFIED	TOP AT +72" IF WALL MOUNTED TOP AT +72" IF WALL MOUNTED
	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 FIRE ALARM AUDIO/VISUAL SPEAKER/STROBE	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; MEASURED FROM LENS. IF CEILING IS LESS THAN 80", MOUNT WITHIN 6" OF CEILING.	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) FURNISHED BY FIRE PROTECTION CONTRACTOR AND INSTALLED AND	SYMBOL \$T OHS SYMBOL \$T OHS SYMBOL SYMB	OVERHEAD MAGNETIC CONTACT DOOR SWITCH MAGNETIC CONTACT DOOR SWITCH GLASS BREAK DETECTOR SIREN GEAR AND CONTROL DESCRIPTION MANUAL STARTER WITH THERMAL OVERLOAD(S) ELECTRIC MOTOR NON-FUSED DISCONNECT SWITCH FUSED DISCONNECT SWITCH CIRCUIT BREAKER AND ENCLOSURE 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)	DOOR DOOR CEILING +90" SYMBOLS MOUNTING AT EQUIPMENT TOP AT +48"-72" TOP AT +72" TOP AT +72" TOP AT +72"	TOP AT +72" IF WALL MOUNTED TOP AT +72" IF WALL MOUNTED 14"W X 3"D
	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 FIRE ALARM AUDIO/VISUAL SPEAKER/STROBE	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; MEASURED FROM LENS. IF CEILING IS LESS THAN 80", MOUNT WITHIN 6" OF CEILING.	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) FURNISHED BY FIRE PROTECTION CONTRACTOR AND INSTALLED AND	SYMBOL SYMBOL ST OHS OHS OHS OHS OHS OHS OHS	OVERHEAD MAGNETIC CONTACT DOOR SWITCH MAGNETIC CONTACT DOOR SWITCH GLASS BREAK DETECTOR SIREN GEAR AND CONTROL DESCRIPTION MANUAL STARTER WITH THERMAL OVERLOAD(S) ELECTRIC MOTOR NON-FUSED DISCONNECT SWITCH FUSED DISCONNECT SWITCH CIRCUIT BREAKER AND ENCLOSURE MAGNETIC STARTER COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT COMB. 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)	DOOR DOOR CEILING +90" SYMBOLS MOUNTING AT EQUIPMENT TOP AT +48"-72" TOP AT +72"	TOP AT +72" IF WALL MOUNTED TOP AT +72" IF WALL MOUNTED 14"W X 3"D 14"W X 3"D
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		ELECTRICAL SYMBOL SCHEDU	LE GENERAL NOTES	ELECTRICAL SHEET INDEX		
R ТО	2. WHERE CREQUIRE 3. WHERE CREQUIRE SPLASH, SUPPLIE	DUTLETS, DEVICES AND EQUIPMENT ARE NOTED BY THE SUBSCRI MOUNT AT 4" ABOVE BACK SPLASH. REFER TO ARCHITECTURAL I	TO CENTER OF OUTLET BOX. REFER TO ABBREVIATION SCHEDULE FOR DEFINED PT 'A', MOUNT AT 4" ABOVE COUNTER. IF COUNTER HAS A BACK	EG001 GENERAL & SYMBOL SCHEDULE ED101 LIGHTING & POWER DEMOLITION PLANS EE101 LIGHTING & POWER PLANS EE501 LIGHTING DETAILS EE501 POWER DETAILS		
		GENERAL SYME	BOLS			
RIOR	CVMPOL	DESCRIPTION	DEMARKS	ABBREVIATION SCHEDULE		
SHT	SYMBOL	DESCRIPTION	REMARKS	NOTE: NOT ALL ABBREVIATIONS MAY BE USED.		
	(XX)	KEYED NOTE		. LOOVE COUNTED		
				EOI EOING-TIME, OTOTA-TIME INOTANTANEOUG		
RIOR	1 E-1	DETAIL REFERENCE	TOP NUMBER INDICATES DETAIL NUMBER; BOTTOM LETTER-NUMBER INDICATES WHERE DETAIL IS SHOWN.	ADJ ADJACENT LTG LIGHTING AFF ABOVE FINISHED FLOOR MBJ MAIN BONDING JUMPER AHJ AUTHORITY HAVING JURISDICTION MCA MINIMUM CIRCUIT AMPS		
SHT	2 E-2	ELEVATION REFERENCE	TOP NUMBER INDICATES ELEVATION NUMBER; BOTTOM LETTER-NUMBER INDICATES WHERE ELEVATION IS SHOWN.	ATS AUTOMATIC TRANSFER SWITCH MLO MAIN LUGS ONLY AUX AUXILIARY MV MEDIUM VOLTAGE AWG AMERICAN WIRE GAUGE MW MICROWAVE BAS BUILDING AUTOMATION SYSTEM NC NORMAL LY CLOSED		
	3 E-3	SECTION REFERENCE	TOP NUMBER INDICATES SECTION NUMBER; BOTTOM LETTER-NUMBER INDICATES WHERE SECTION IS SHOWN.	BLDG BUILDING NEC NATIONAL ELECTRIC CODE C CONDUIT NIC NOT IN CONTRACT CB CIRCUIT BREAKER NL NIGHT LIGHT CKT CIRCUIT NO NORMALLY OPEN CLG CEILING OC ON CENTER(S)		
	100	ARCHITECTURAL ROOM NUMBER		CO CONVENIENCE OUTLETS OCP OVER CURRENT PROTECTION CU COPPER OCPD OVER CURRENT PROTECTION DEVICE DAS DISTRIBUTED ANTENNA SYSTEM PA PUBLIC ADDRESS		
1ING	AHU 1	EQUIPMENT NAME / NUMBER	TOP NUMBER ABBREVIATES EQUIPMENT NAME OR TYPE; BOTTOM NUMBER INDICATES EQUIPMENT NUMBER. REFER TO EQUIPMENT SCHEDULE.	(E) EXISTING PH PHASE EA EACH PV PHOTOVOLTAIC EG EQUIPMENT GROUND PWR POWER		
	\triangle	REVISION NUMBER	USED TO DENOTE CHANGES EITHER ISSUED BY ADDENDUM OR DURING CONSTRUCTION AND TO DENOTE RECORD DRAWING CHANGES.	ELEC ELECTRICAL R REMOVE EM EMERGENCY REF REFRIGERATOR EMT ELECTRIC METALLIC TUBING REQ REQUIREMENTS		
RIOR GHT IING		REVISION CLOUD	USED TO DENOTE AREAS, DEVICES, EQUIPMENT DETAILS, ETC. AFFECTED BY REVISION.	ENT ELECTRIC NONMETALLIC TUBING RGC RIGID GALVANIZED CONDUIT EQUIP EQUIPMENT RMC RIGID METAL CONDUIT EWC ELECTRIC WATER COOLER RMP ROCKY MOUNTAIN POWER EXP EXPLOSION PROOF RNC RIGID NONMETALLIC CONDUIT FA FIRE ALARM RR REMOVE AND RELOCATE		
S LIGHT	——————————————————————————————————————	BREAKLINE	USED TO BREAK DRAWINGS.	FACP FIRE ALARM CONTROL PANEL FLA FULL LOAD AMPS FMC FLEXIBLE METAL CONDUIT FO FIBER OPTIC SBJ SYSTEM BONDING JUMPER SCP SECURITY CONTROL PANEL SFL SUB-FEED LUGS SPD SURGE PROTECTIVE DEVICE		
ARE		BRANCH CIRCUITING	SYMBOLS	FOB FREIGHT ON BOARD SS SURGE SUPPRESSION FTL FEED-THROUGH LUGS SSBJ SUPPLY SIDE BONDING JUMPER GEC GROUNDING ELECTRODE CONDUCTOR TGB TELECOMMUNICATION GROUNDING BUS BAR		
ENCY	SYMBOL	DESCRIPTION	REMARKS	GND GROUND CONDUCTOR TMGB TELECOMMUNICATION MAIN GROUNDING BUS BAR TR TAMPER RESISTANT		
		1 CIRCUIT, 2 WIRE BRANCH CIRCUIT HOME RUN TO PANEL	ARROWS: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS REQUIRED. SHORT CROSS LINES: NUMBER OF SHORT CROSS LINES	HP HORSE POWER TTB TELEPHONE TERMINAL BOARD IBT INTERSYSTEM BONDING TERMINATION BAR TYP TYPICAL ID INTRUSION DETECTION UF UNDER FLOOR IG ISOLATED GROUND UG UNDERGROUND		
ICATES EVRON	#	2 CIRCUIT, 4 WIRE BRANCH CIRCUIT HOME RUN TO PANEL	INDICATES NUMBER OF PHASE, TRAVELER, AND/OR SWITCHED CONDUCTORS REQUIRED IF GREATER THAN 1 (ONE).	IMC INTERMEDIATE METAL CONDUIT UNO UNLESS NOTED OTHERWISE INS INSULATED USB UNIVERSAL SERIAL BUS ISO ISOLATED VSS VIDEO SURVEILLANCE SYSTEM		
	##	3 CIRCUIT, 6 WIRE BRANCH CIRCUIT HOME RUN TO PANEL	LONG CROSS LINES: NUMBER OF LONG CROSS LINES INDICATES NUMBER OF NEUTRAL CONDUCTORS REQUIRED FOR MULTI-WIRE HOME RUNS.	KCMIL KILO CIRCULAR MIL KVA KILO VOLT AMPERES WO/ WITHOUT KW KILOWATTS WP WEATHER PROOF LFNC LIQUID-TIGHT NONMETAL CONDUIT WR WEATHER RESISTANT		
		MULTIPLE WIRE BRANCH CIRCUITING BETWEEN FIXTURES, SWITCHES. DEVICES. ETC.	EQUIPMENT GROUND AND ISOLATED GROUND CONDUCTORS: EQUIPMENT GROUND AND ISOLATED GROUND CONDUCTORS	LS LONG-TIME, SHORT-TIME XFMR TRANSFORMER		

EQUIPMENT GROUND AND ISOLATED GROUND CONDUCTORS: EQUIPMENT GROUND AND ISOLATED GROUND CONDUCTORS ARE NOT SHOWN, BUT ARE REQUIRED AS NOTED ON THE

MOUNT AS NOTED. SUBSCRIPT 'F' INDICATES TO PROVIDE A FLOOR BOX WITH BLANK COVERPLATE

REMARKS

BRANCH CIRCUITING (U.N.O.) TURNED UP OR TOWARDS

BRANCH CIRCUITING (U.N.O.) CONTINUATION

BRANCH CIRCUITING (U.N.O.) TURNED DOWN OR AWAY FROM

DESCRIPTION

TELEPHONE / DATA SYMBOLS

MOUNTING

+18"

+18"

+18"

TOP AT 72"

— SWITCHES, DEVICES, ETC.

OBSERVER.

OBSERVER.

INCOMING SERVICE

TELEPHONE OUTLET

TELEPHONE TERMINAL BOARD

COMBINATION TELEPHONE/DATA OUTLET

DATA OUTLET

JUNCTION BOX

GENERAL PROJECT NOTES:

DIVISION 26 CONTRACTOR IS RESPONSIBLE FOR READING AND APPLYING WHAT IS IN THE SPECIFICATIONS TO THIS PROJECT. ANYTHING THAT IS NOT INCLUDED ON THE PROJECCT THAT IS CALLED OUT IN THE SPECIFICATION SHALL BE LISTED ON THE SUBSTANTIAL COMPLETION PUNCHLIST. THE CONTRACTOR WILL BE REQUIREDTO REMEDY THESE DIFICIENCIES. THERE WILL

THE CONTRACTOR MAY SCHEDULE A PRE-CONSTUCTION MEETING, AT THEIR DISCRETION WITH THE ELECTRICAL ENGINEER AND REVIEW THE DRAWINGS AND SPECIFICATIONS. THE MEETING SHLL BE A MAXIMUM OF ONE HOUR AND SHALL TAKE PLACE

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
- 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 NATIONAL CODE. 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
- 5. 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 SIZED LARGE ENOUGH TO ALLOW 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. 7. 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. NO EXTRA PAYMENTS WILL BE ALLOWED TO THE CONTRACTOR AS A RESULT OF EXTRA WORK MADE NECESSARY BY HIS FAILURE TO DO SO. ANY CASE OF DISCREPANCY OR LACK OF CASTATY SHALL BE PROMPTLY IDENTIFIED TO THE OWNER'S REPRESENTATIVE AND THE ENGINEER FOR
- 8. THE CONTRACTOR SHALL MAKE SURE THAT ALL BRANCH CIRCUITS THAT ARE AFFECTED BY THIS PROJECT ARE NOT OVERLOADED. 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 COMPETE AND
- 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.



P (801) 534-1130

EG101

PROJECT NUMBER: 500021624030101

30 JUNE 2025 PROPERTY NUMBER: 5000216

GENERAL &

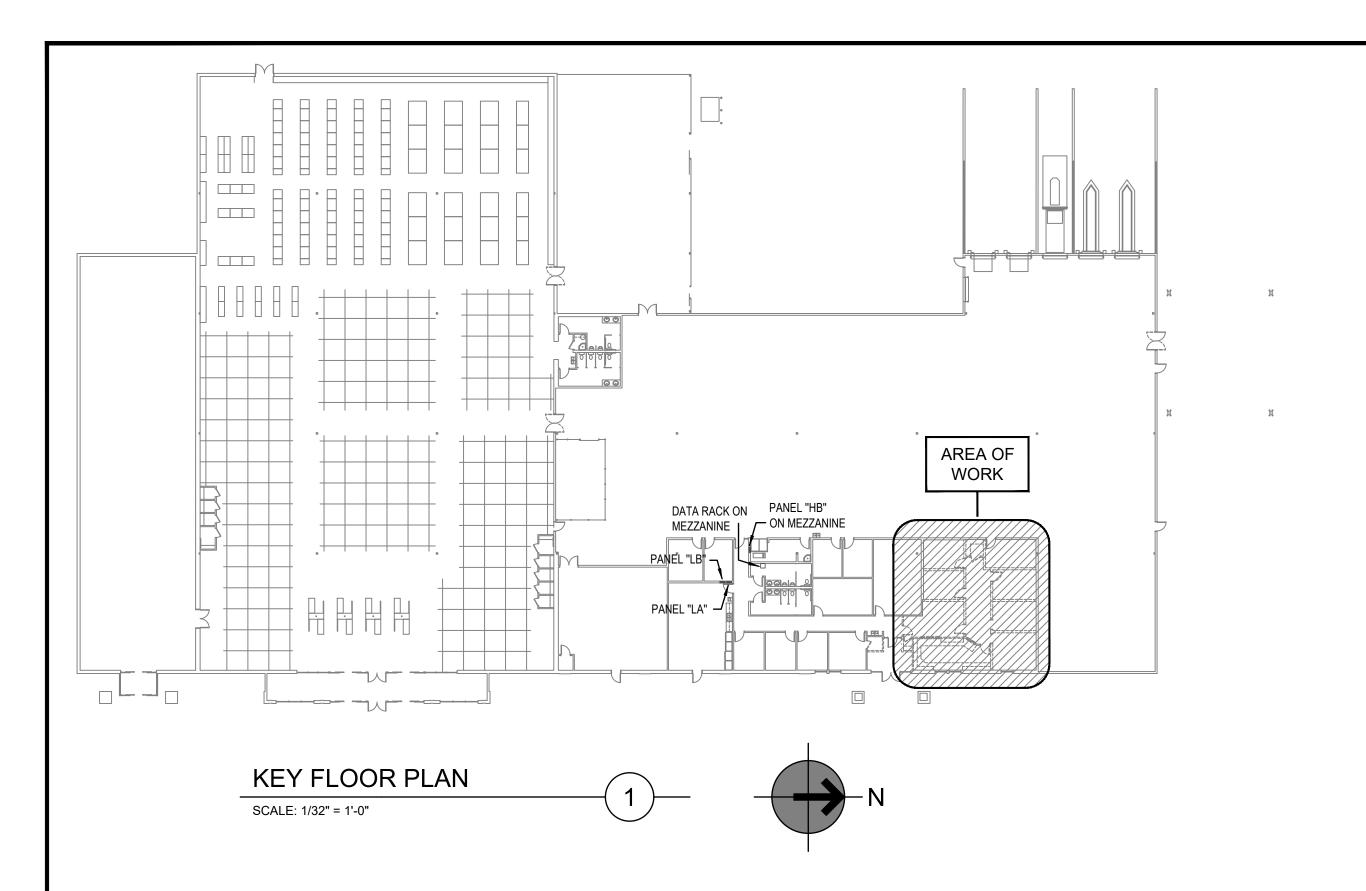
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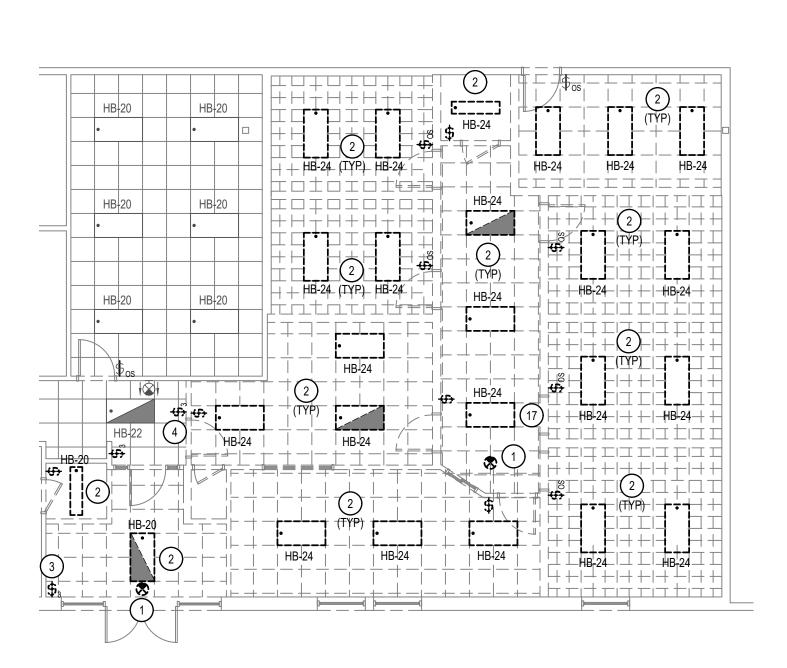
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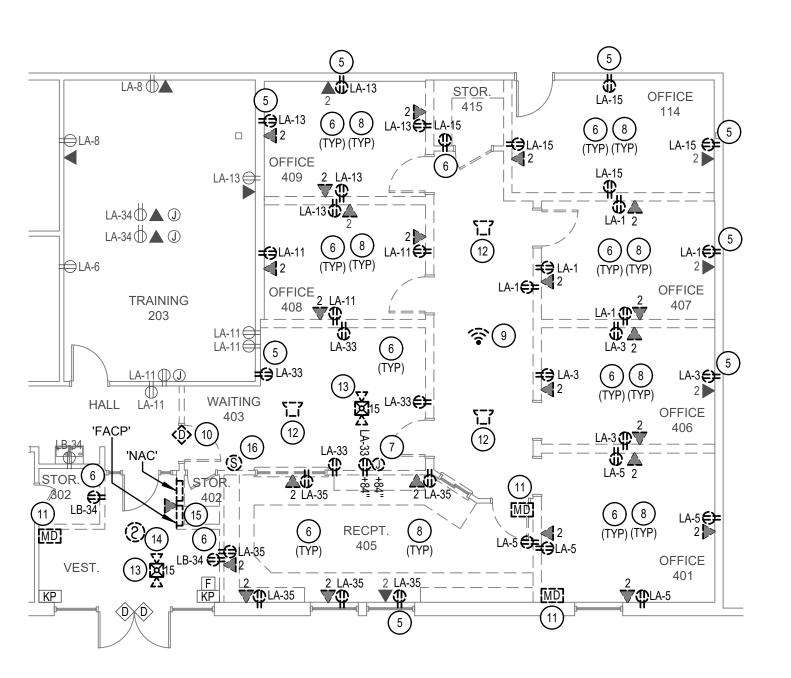
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POWER DEMOLITION PLAN SCALE: 1/8" = 1'-0"

KEYED NOTES: #

- DISCONNECT, REMOVE AND STORE EXISTING FIRE ALARM SYSTEM INITIATING DEVICE FOR REUSE. REMOVE EXISTING INITIATING DEVICE LOOP AND REWIRE EXISTING DEVICES AS DIRECTED BY THE FIRE ALARM SYSTEM SUPPLIER. CONFIRM ALL REQUIREMENTS WITH THE FIRE ALARM SYSTEM SUPPLIER PRIOR TO THE START OF THE DEMOLITION.
 - DISCONNECT, REMOVE AND RELOCATE EXISTING FIRE ALARM SYSTEM PANELS. REMOVE EXISTING NOTIFICATION APPLIANCE CIRCUITS AND INITIATING DEVICE LOOPS TO ABOVE THE CEILING SPACE. CONTRACTOR SHALL NOTIFY THE OWNER A MINIMUM OF 14 BUSINESS DAYS PRIOR TO THE REMOVE OF THE SYSTEM. CONTRACTOR SHALL PROVIDE A 24 HOUR FIRE WATCH FROM THE TIME THE FIRE ALARM SYSTEM IS TAKEN OFF LINE UNTIL THE FIRE ALARM SYSTEM IS INSTALLED, COMMISSIONED AND APPROVED. REMOVE THE EXISTING TELEPHONE COMMUNICATION LINE AND BRANCH CIRCUIT TO AN ACCESSIBLE LOCATION FOR REUSE. CONFIRM ALL REQUIREMENTS WITH THE FIRE ALARM SYSTEM SUPPLIER PRIOR TO THE START OF THE DEMOLITION.
 - DISCONNECT, REMOVE AND STORE EXISTING SECURITY SYSTEM SIREN FOR REUSE. REMOVE EXISTING CABLING TO AN ACCESSIBLE LOCATION FOR REUSE.
- DISCONNECT, REMOVE AND STORE EXISTING LIGHT FIXTURE FOR REUSE. REMOVE EXISTING BRANCH CIRCUIT TO AN ACCESSIBLE LOCATION FOR REUSE. CONTRACTOR TO TRACE OUT AND VERIFY CIRCUIT USED PRIOR TO THE START OF THE DEMOLITION. REWIRE EXISTING LIGHT FIXTURES ON THE CIRCUIT SO THEY REMAIN OPERATIONAL DURING ALL PHASES OF THE CONSTRUCTION.

GENERAL NOTES:

- ANY AND ALL CONDUITS, BOXES, ETC. THAT ARE LOCATED IN THE AFFECTED CONSTRUCTION AREA SHALL BE RELOCATED OR REROUTED AS NECESSARY.
- BRANCH CIRCUITS, WHERE SHOWN, WERE TAKEN FROM RECORD DRAWINGS AND PANEL SCHEDULES. CONTRACTOR TO TRACE OUT AND VERIFY THE EXISTING CIRCUITS THAT WILL BE AFFECTED BY THIS CONSTRUCTION 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 DEMOLITION NOTES:

- UNLESS SPECIFICALLY NOTED OTHERWISE, REMOVE ALL ELECTRICAL ITEMS SHOWN IN DARK & DASHED LINES. LIGHT & 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.
- A. DISCONNECT AND REMOVE ANY/ ALL FIXTURES, DEVICES, EQUIPMENT, ETC. REQUIRED FOR PROPER COMPLETION OF THE WORK WHETHER SHOWN OR NOT.
- B. RELOCATE, REWIRE, AND/OR RECONNECT ANY/ALL FIXTURES, DEVICES, EQUIPMENT, ETC. THAT FOR ANY REASON OBSTRUCTS CONSTRUCTION.
- C. 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.
- D. 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
- E. 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.
- F. CONCEAL ALL RACEWAY AND WIRING IN EXISTING WALLS, CEILINGS, FLOORS, ETC. THE USE OF WIREMOLD IS PERMITTED ONLY WHERE SPECIFICALLY NOTED ON DRAWING.
- G. DO NOT PENETRATE STRUCTURAL ELEMENTS OF FLOORS, WALLS, CEILING, ROOFS, ETC
- H. COORDINATE WITH OWNER WHAT EQUIPMENT SHOULD BE DISPOSED OF AND WHAT EQUIPMENT IS TO BE RETURNED TO OWNER.
- I. FIRE ALARM SYSTEM MUST REMAIN OPERATIONAL DURING ALL PHASES OF

KEYED NOTES:

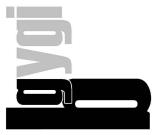
CONSTRUCTION.

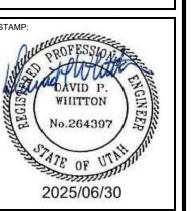
- REMOVE AND DISPOSE OF EXISTING TRITIUM EXIT SIGN OR RETURN TO OWNER, CONFIRM PRIOF TO THE START OF THE DEMOLITION. EXIT SIGN TO BE DISPOSED OF IN A LEGAL MANNER PER ALL FEDERAL AND STATE REQUIREMENTS. CONTRACTOR TO VERIFY ALL REQUIREMENTS WITH THE STATE. PROVIDE ALL DOCUMENTATION TO THE OWNER.
- DISCONNECT, REMOVE AND DISPOSE OF EXISTING LIGHT FIXTURE AND CONTROLS. REMOVE EXISTING BRANCH CIRCUIT TO AN ACCESSIBLE LOCATION FOR REUSE. CONTRACTOR TO TRACE OUT AND VERIFY CIRCUIT USED PRIOR TO THE START OF THE DEMOLITION. REWIRE EXISTING LIGHT FIXTURE ON THE CIRCUIT SO THEY REMAIN OPERATIONAL DURING ALL PHASES OF THE
- DISCONNECT, REMOVE AND DISPOSE OF EXISTING LIGHT SWITCH. EXISTING BRANCH CIRCUIT TO REMAIN IN PLACE FOR REUSE.
- DISCONNECT, REMOVE AND DISPOSE OF EXISTING LIGHT SWITCH. REMOVE EXISTING BRANCH CIRCUIT TO AN ACCESSIBLE LOCATION FOR REUSE.
- DISCONNECT, REMOVE AND DISPOSE OF EXISTING RECEPTACLE AND COVER PLATE. EXISTING BRANCH CIRCUIT TO REMAIN IN PLACE FOR REUSE. REWIRE ALL EXISTING DEVICES TO REMAIN ON THE CIRCUIT TO REMAIN OPERATIONAL DURING ALL PHASES OF THE CONSTRUCTION. CONTRACTOR TO TRACE OUT CIRCUIT PRIOR TO THE DEMOLITION TO DETERMINE CIRCUIT USED AND WHAT IS ON THE CIRCUIT.
- UNLESS NOTED OTHERWISE, DISCONNECT, REMOVE AND DISPOSE OF EXISTING RECEPTACLE AND COVER PLATE. REMOVE EXISTING BRANCH CIRCUIT TO AN ACCESSIBLE LOCATION FOR REUSE. REWIRE ALL EXISTING DEVICES TO REMAIN ON THE CIRCUIT SO THEY REMAIN OPERATIONAL DURING ALL PHASES OF THE CONSTRUCTION. CONTRACTOR TO TRACE OUT CIRCUIT PRIOR TO THE DEMOLITION TO DETERMINE CIRCUIT USED AND WHAT IS ON THE
- DISCONNECT AND REMOVE EXISTING TV CONNECTION AS DIRECTED BY THE OWNER. CONFIRM ALL REQUIREMENT PRIOR TO THE START OF THE DEMOLITION.
- UNLESS NOTED OR SHOWN OTHERWISE, DISCONNECT, REMOVE AND DISPOSE OF EXISTING DATA CONNECTION. REMOVE EXISTING CABLE TO AN ACCESSIBLE LOCATION FOR REUSE.
- DISCONNECT, REMOVE AND STORE EXISTING WIFI ANTENNA FOR REUSE. REMOVE CABLING TO AN ACCESSIBLE LOCATION FOR REUSE.
- DISCONNECT, REMOVE AND STORE EXISTING DOOR CONTACT FOR REUSE. REMOVE CABLING TO AN ACCESSIBLE LOCATION FOR REUSE. COORDINATE REMOVAL WITH THE INTRUSION DETECTION SYSTEM SUPPLIER PRIOR TO THE START OF THE DEMOLITION.
- DISCONNECT, REMOVE AND STORE EXISTING MOTION DETECTOR FOR REUSE. REMOVE CABLING TO AN ACCESSIBLE LOCATION FOR REUSE. COORDINATE REMOVAL WITH THE INTRUSION DETECTION SYSTEM SUPPLIER PRIOR TO THE START OF THE DEMOLITION.
- DISCONNECT, REMOVE AND DISPOSE OF EXISTING SPEAKER. REMOVE EXISTING CABLING TO THE SOURCE COMPLETELY. CONFIRM LOCATION WITH THE OWNER.
- DISCONNECT, REMOVE AND STORE EXISTING FIRE ALARM SYSTEM NOTIFICATION APPLIANCE FOR REUSE. REMOVE EXISTING NOTIFICATION APPLIANCE CIRCUIT AND REWIRE EXISTING APPLIANCES AS DIRECTED BY THE FIRE ALARM SYSTEM SUPPLIER. CONFIRM ALL REQUIREMENTS WITH THE FIRE ALARM SYSTEM SUPPLIER PRIOR TO THE START OF THE DEMOLITION.

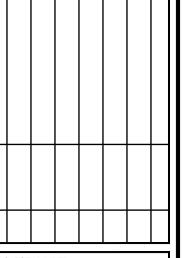


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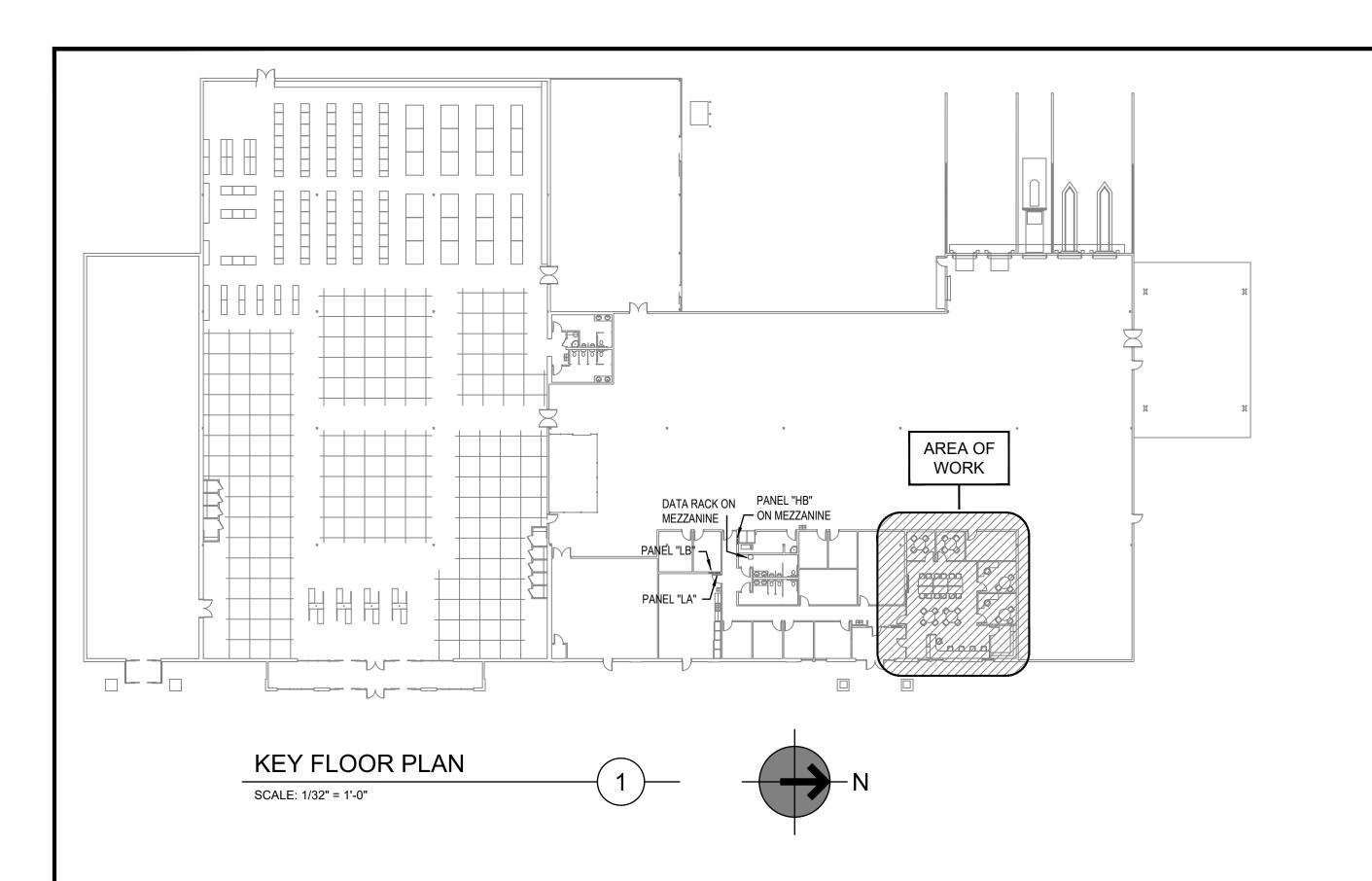


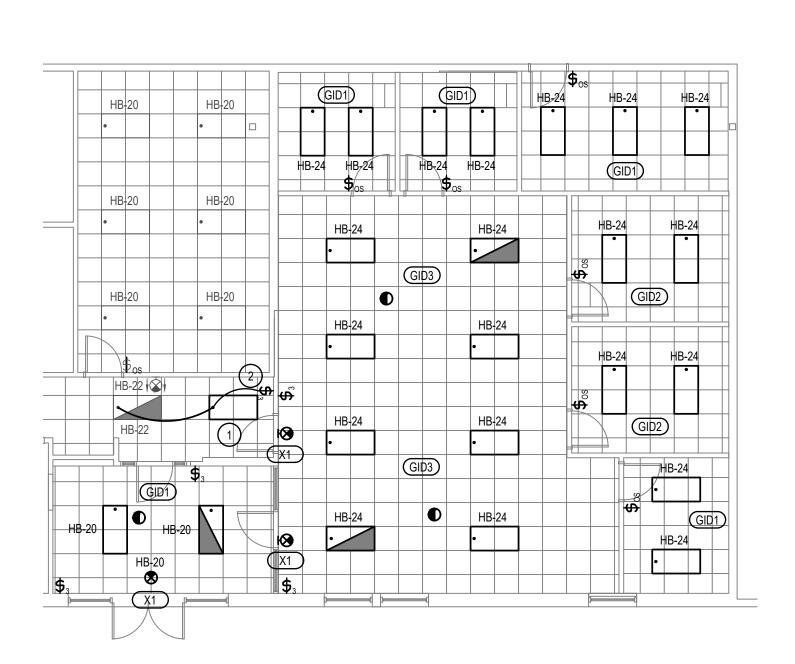
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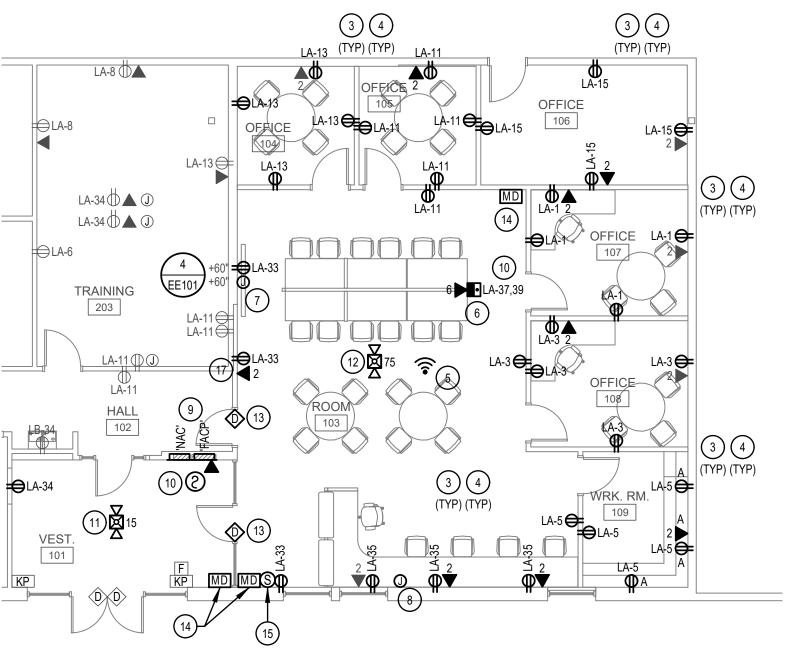
LIGHTING & **POWER DEMOLITION PLANS**

ED101





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



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

KEYED NOTES: #

PROVIDE NEW FIRE ALARM SYSTEM HORN/STROBE AS SHOWN. 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.

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 ASSUMED 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.

- REINSTALL AND RECONNECT THE EXISTING INTRUSION DETECTION SYSTEM MOTION DETECTOR THAT WAS REMOVED DURING THE DEMOLITION. CONNECT TO THE EXISTING CABLING THAT WAS IN PLACE. MOTION DETECTOR TO FUNCTION THE SAME AS PRIOR TO THE DEMOLITION. CONFIRM ALL REQUIREMENTS WITH THE INTRUSION DETECTION SYSTEM SUPPLER.
- REINSTALL AND RECONNECT THE EXISTING INTRUSION DETECTION SYSTEM SIREN THAT WAS REMOVED DURING THE DEMOLITION. CONNECT TO THE EXISTING CABLING THAT WAS IN PLACE. SIREN TO FUNCTION THE SAME AS PRIOR TO THE DEMOLITION. CONFIRM ALL REQUIREMENTS WITH THE INTRUSION DETECTION SYSTEM SUPPLER.
- CONNECT TO SPARE BREAKER SHOWN. IF SPARE BREAKERS DO NOT EXIST, PROVIDE NEW 20A, POLE BREAKER IN PANEL AND SPACE SHOWN. NEW BREAKER TO BE OF THE SAME MANUFACTURE AND INTERRUPTING CURRENT AS THE EXISTING INSTALLED. CONTRACTOR TO FIELD VERIFY ALL REQUIREMENTS PRIOR TO THE BID.

PRINTER LOCATION. CONFIRM EXACT LOCATION WITH THE OWNER PRIOR TO ANY ROUGH-IN.

POWER GENERAL NOTES:

- ALL 120V, 20 AMP OUTLETS THAT ARE WITHIN 6' OF ANY SINK SHALL BE GFCI.
- THE DIVISION 26 CONTRACTOR SHALL DETERMINE THE EXACT ROUTING OF ALL CONDUITS IN THE FIELD. THIS PLAN REPRESENTS A SCHEMATIC REPRESENTATION OF DEVICE LOCATIONS.
- ANY EXISTING CONDUIT, BOXES, ETC. THAT ARE LOCATED IN THE AFFECTED CONSTRUCTION AREA AND INTERFERE WITH CONSTRUCTION IN ANY WAY SHALL BE RELOCATED OR REROUTED
- AS NECESSARY. BRANCH CIRCUITS, IF SHOWN WERE TAKEN FROM EXISTING RECORD DRAWINGS AND PANEL SCHEDULES AND MAY NOT BE ACCURATE. CONTRACTOR SHALL TRACE OUT ALL CIRCUITS THAT
- REMOVE ANY UNUSED BRANCH CIRCUITS FOUND DURING THE DEMOLITION BACK TO THE SOURCE COMPLETELY. TURN OFF BREAKER AND LABEL "SPARE".

WILL BE AFFECTED BY THIS CONSTRUCTION PRIOR TO ANY WORK BEING DONE.

- CONTRACTOR TO PROVIDE ALL REQUIRED RACEWAYS AND BOXES FOR TEMPERATURE CONTROLS, CONTROL POWER, ETC. AS REQUIRED BY THE MECHANICAL CONTRACTOR. COORDINATE ALL WORK AND REQUIREMENT WITH THE MECHANICAL CONTRACTOR PRIOR TO ANY ROUGH-IN. SEE MECHANICAL SHEETS FOR ADDITIONAL INFORMATION AND REQUIREMENTS
- 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.

LIGHTING GENERAL NOTES:

REFER TO LIGHTING DETAILS SHEETS FOR TYPICAL CONTROL WIRING DIAGRAM. PROVIDE COMPLETE SYSTEM WITH ALL REQUIRED CONDUIT, WIRING, SWITCHES, SENSORS, POWER PACK

- LOCATE POWER PACKS AND ROOM CONTROLLERS ABOVE ACCESSIBLE CEILING NEAR ROOM ENTRANCES.
- CONFIRM ALL LOCATIONS OF LIGHT FIXTURES WITH ARCHITECT PRIOR TO INSTALLATION.
- PROVIDE UNSWITCHED HOT FOR ALL EMERGENCY LIGHTS AND BATTERY PACKS.
- 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 FIELD. 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.

KEYED NOTES: (#)

FLAT PANEL

DISPLAY MOUNT

BACKING IN WALL FRAMING PER

FLAT PANEL MONITOR MOUNT

INSTRUCTIONS.

DISPLAY

REINSTALL EXISTING LIGHT FIXTURE THAT WAS REMOVED DURING THE DEMOLITION. CONNECT TO THE EXISTING BRANCH CIRCUIT FEEDING THE CORRIDOR LIGHTS. CONTRACTOR TO CLEAN AND RELAMP FIXTURE PRIOR TO INSTALLATION.

PROVIDE NEW LIGHTING CONTROL AS SHOWN. CORRIDOR LIGHTING TO FUNCTION THE SAME AS PRIOR TO THE DEMOLITION.

CONTRACTOR TO UTILIZE EXISTING DATA CABLING IN THE SPACE TO THE GREATEST EXTEND POSSIBLE. REMOVE ANY CABLING THAT IS NOT USED BACK TO THE DATA RACK ON THE MEZZANINE.

CONTRACTOR TO EXTEND ANY NEW DATA CABLING FROM THE EXISTING DATA RACK ON THE MEZZANINE. NEW DATA CABLING SHALL MATCH THE EXISTING INSTALL CABLE TYPE AND COLORS. EXISTING DATA CABLING IS ASSUMED TO BE CAT 6, CONTRACTOR VERIFY CABLE TYPE PRIOR TO THE BID. CONTRACTOR TO PROVIDE ANY ADDITIONAL PATCH PANELS AND ALL REQUIRED TESTING, TERMINATIONS AND LABELING AS NECESSARY FOR A COMPLETE INSTALLATION. CONTRACTOR TO PROVIDE ALL REQUIRED FACE PLATES AND JACK AS NECESSARY FOR A COMPLETE INSTALLATION.

REINSTALL AND RECONNECT THE EXISTING WIFI ANTENNA. WIFI TO FUNCTION THE SAME AS PRIOR TO THE DEMOLITION.

PROVIDE NEW STEEL TWO (2) SECTION (POWER / COMMUNICATIONS) POWER POLE FOR FURNITURE CONNECTIONS. IT IS ASSUMED THE FURNITURE WILL HARDWIRE TO THE POWER POLE. CONFIRM ALL POWER REQUIREMENTS WITH THE OWNER AND FURNITURE INSTALLER PRIOR TO ANY ROUGH-IN. PROVIDE ALL REQUIRED HARDWARE AND DEVICES AS NECESSARY FOR A COMPETE INSTALLATION.

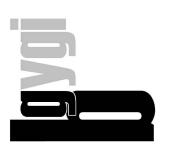
CONTRACTOR TO INSTALL NEW FLAT PANEL DISPLAY AND ASSOCIATED WALL MOUNT THAT IS FURNISHED BY THE OWNER. CONTRACTOR TO INSTALL BACKING IN WALL, POWER AND HDMI CONNECTIONS. POWER AND HDMI TO BE IN SEPARATE BOXES. SEE DETAIL 4 / EE101. PROVIDE 4-11/16" SQUARE, 2-1/8" DEEP BOX WITH SINGLE GANG RING FOR HDMI CONNECTIONS. EXTEND A 1-1/4" CONDUIT HDMI CABLE FROM THE HDMI BOX TO THE RECEPTION DESK. CONTRACTOR TO PROVIDE HDMI CABLE, CONNECTION PLATES AND TERMINATIONS AT THE DISPLAY AND RECEPTION DESK.

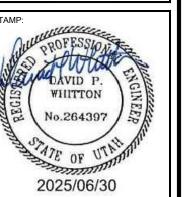
PROVIDE 4-11/16" SQUARE 2-1/8" DEEP BOX WITH SINGLE GANG RING FOR HDMI CONNECTIONS. PROVIDE ALL REQUIRED TERMINATIONS AND CONNECTION PLATES. SEE NOTE #7 FOR ADDITIONAL INFORMATION.

EXTEND, TERMINATE, AND TEST ALL FIRE ALARM INITIATING DEVICE LOOPS AND NAC CIRCUITS. FIRE ALARM SYSTEM TO FUNCTION THE SAME AS PRIOR TO THE DEMOLITION.

REINSTALL AND RECONNECT THE EXISTING INITIATING DEVICE THAT WAS REMOVED DURING THE DEMOLITION. RECONNECT TO THE EXISTING INITIATING DEVICE LOOP THAT WAS IN PLACE PRIOR TO THE DEMOLITION AS DIRECTED BY THE FIRE ALARM SYSTEM SUPPLIER.

REINSTALL AND RECONNECT THE EXISTING NOTIFICATION APPLIANCE THAT WAS REMOVED DURING THE DEMOLITION. RECONNECT TO THE EXISTING NOTIFICATION APPLIANCE CIRCUIT THAT WAS IN PLACE PRIOR TO THE DEMOLITION AS DIRECTED BY THE FIRE ALARM SYSTEM





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LIGHTING &

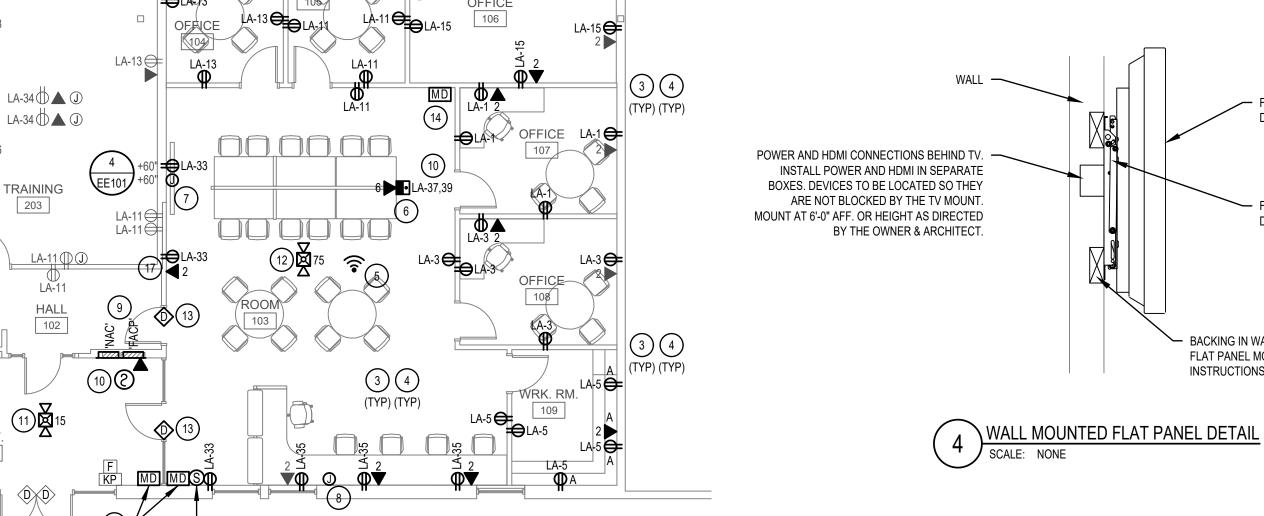
POWER PLANS

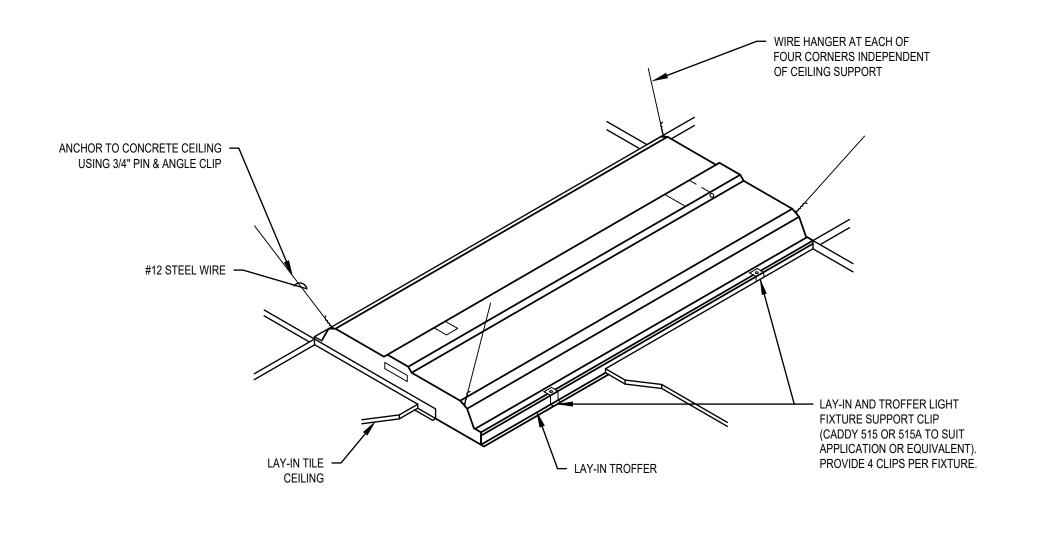
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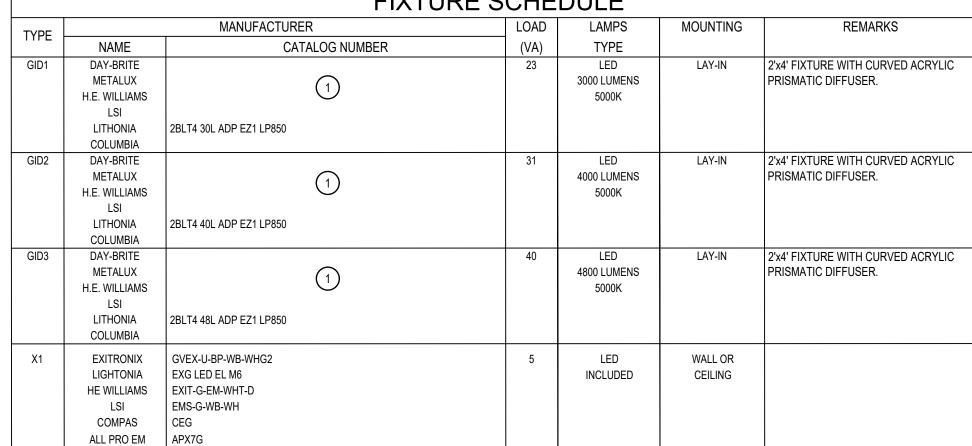


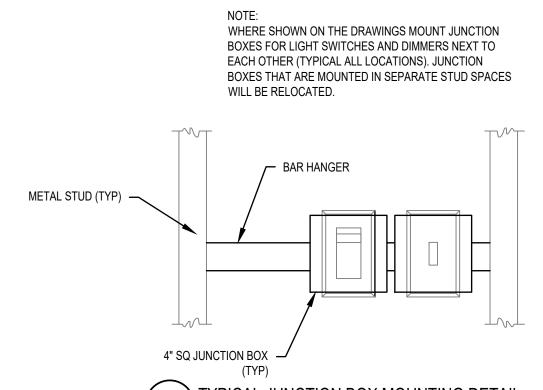


KEYED NOTES:

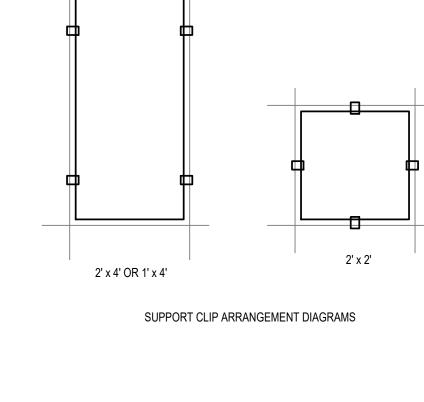
1. ALL MANUFACTURES LISTED ARE APPROVED TO BID THIS PROJECT. OTHER MANUFACTURER'S LIGHT FIXTURES SHALL BE AN EQUIVALENT TO WHAT IS SPECIFIED. SEE NOTES BELOW FOR APPROVED LIGHTING CONTROLS.

FIXTURE SCHEDULE								
TYPE	MANUFACTURER		LOAD	LAMPS	MOUNTING	REMARKS		
1175	NAME	CATALOG NUMBER	(VA)	TYPE				
GID1	DAY-BRITE METALUX H.E. WILLIAMS LSI LITHONIA	1)	23	LED 3000 LUMENS 5000K	LAY-IN	2'x4' FIXTURE WITH CURVED ACRYLIC PRISMATIC DIFFUSER.		
	COLUMBIA	2BLT4 30L ADP EZ1 LP850						
GID2	DAY-BRITE METALUX H.E. WILLIAMS LSI	1)	31	LED 4000 LUMENS 5000K	LAY-IN	2'x4' FIXTURE WITH CURVED ACRYLIC PRISMATIC DIFFUSER.		
	LITHONIA COLUMBIA	2BLT4 40L ADP EZ1 LP850						
GID3	DAY-BRITE METALUX H.E. WILLIAMS LSI LITHONIA COLUMBIA	2BLT4 48L ADP EZ1 LP850	40	LED 4800 LUMENS 5000K	LAY-IN	2'x4' FIXTURE WITH CURVED ACRYLIC PRISMATIC DIFFUSER.		
X1	EXITRONIX LIGHTONIA HE WILLIAMS LSI COMPAS ALL PRO EM	GVEX-U-BP-WB-WHG2 EXG LED EL M6 EXIT-G-EM-WHT-D EMS-G-WB-WH CEG APX7G	5	LED INCLUDED	WALL OR CEILING			

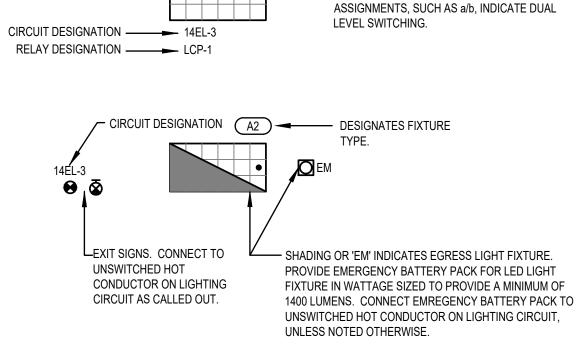








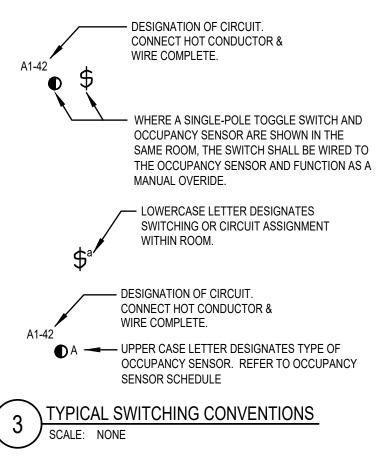


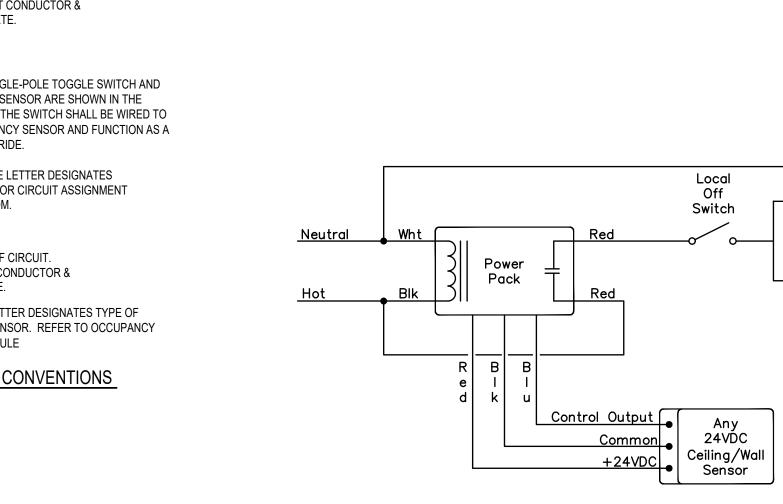


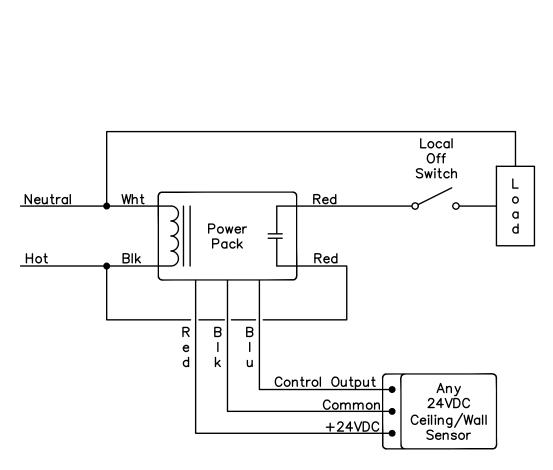
-LOWERCASE LETTER DESIGNATES

SWITCHING OR CIRCUIT ASSIGNMENT.

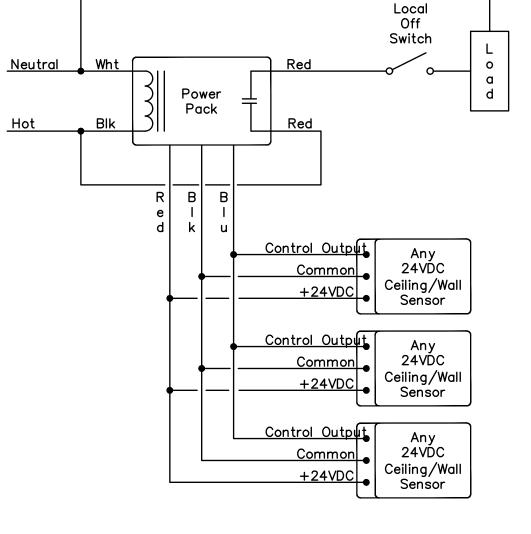




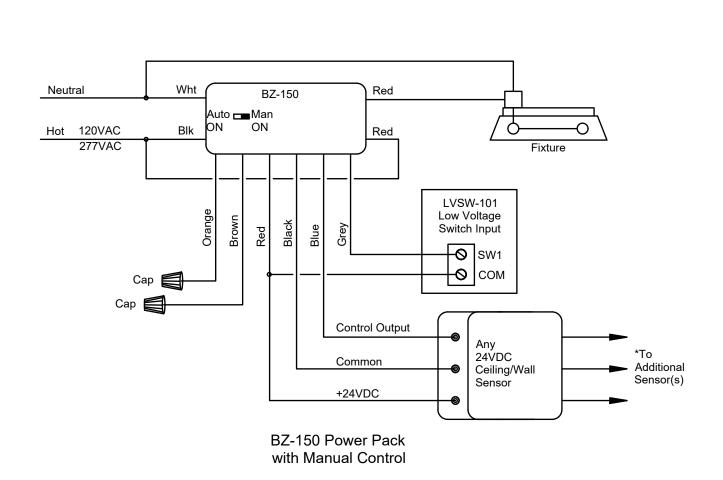




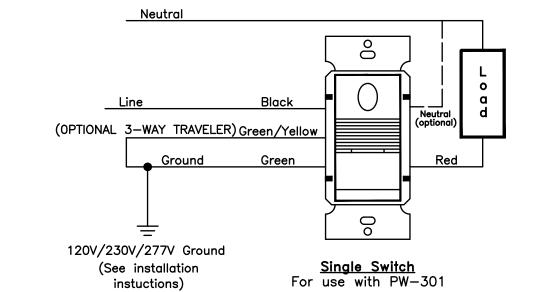




MULTIPLE SENSORS USING ONE POWER PACK







SWITCHED OCCUPANCY SENSOR WIRING DIAGRAM SCALE: NONE

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 WITHIN 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					
DEVICE	MOUNTING	DISCRIPTION				
•	CEILING	DUAL-TECH VACANCY SENSOR 360° PATTERN - 2000 SQ. FT MIN.				

LIGHTING CONTROLS GENERAL NOTES:

- 1. THE LIGHTING CONTROLS AS SHOW ARE WATTSTOPPER LIGHTING CONTROLS. NO OTHERS ARE APPROVED.
- COORDINATE ALL REQUIREMENTS, CONNECTIONS AND CABLE TYPE WITH THE SUPPLIER PRIOR TO ANY INSTALLATION.
- THE LIGHTING CONTROLS SYSTEM SUPPLIER SHALL PROVIDE COMPUTER DRAFTED SHOP DRAWINGS OF THE ENTIRE LIGHTING CONTROL SYSTEM USING FLOOR PLANS PROVIDED BY THE ENGINEER. SHOP DRAWINGS TO INCLUDE PLANS, SECTIONS, ELEVATIONS, FINAL DEVICE LOCATIONS, CONDUIT SIZE AND ROUTING AND ALL CONDUCTOR SIZES. TYPICAL RISERS AND COPYING AND SUBMITTING THE CONTRACT DOCUMENTS WILL NOT BE ACCEPTED.

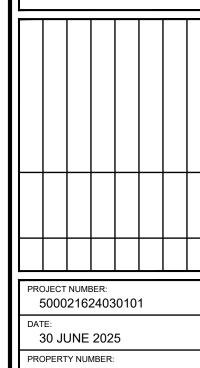


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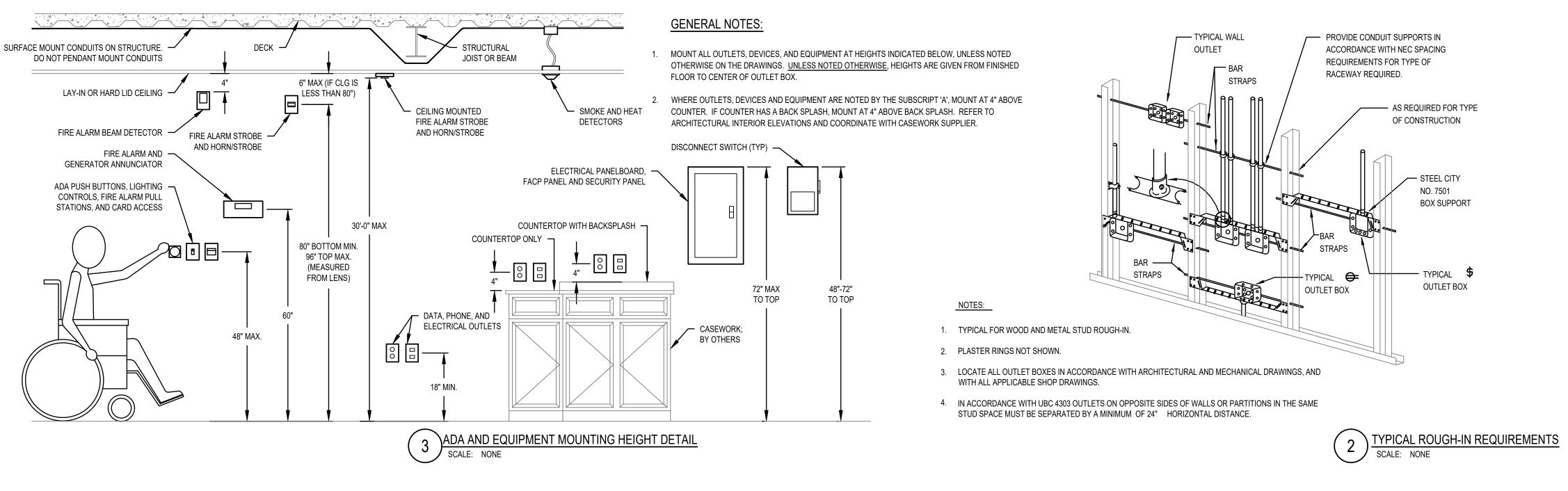
EE501





5000216 CHECKED:

LIGHTING DETAILS



A1-40 — DESIGNATION OF CIRCUIT.

A1-40/IG — ISOLATED GROUND CIRCUIT.

A1-40 — DESIGNATION OF CIRCUIT.

WIRE COMPLETE.
L6-30 —— PLUG TYPE. VERIFY EXACT

WIFI ACCESS POINT LOCATION TO QTY. OF CAT. 6 CABLES.

6 DATA/COMMUNICATIONS SYMBOLS LEGEND:

DATA LOCATION 2 TYP).

— DATA ELEVATION WITH DROP QTY. (TYP)

WIRE COMPLETE.

HOSPITAL GRADE RECEPTACLE.

PLUG TYPE WITH OWNER /

5 TYPICAL OUTLET CONVENTION

EQUIPMENT SUPPLIER.

SEE SPECIFICATIONS.

DATA LOCATION PROVIDE 4" SQUARE, 2-1/8" DEEP

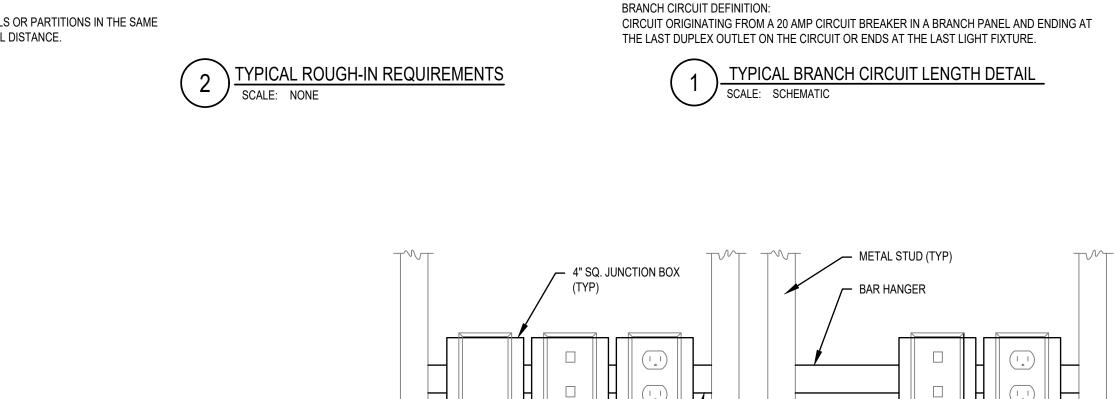
RECEPTACLE ELEVATION (TYP)

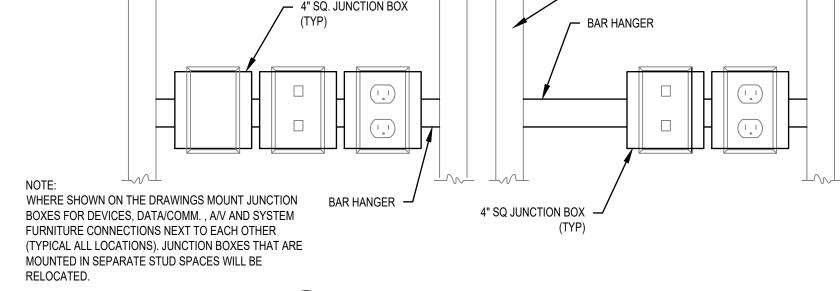
JUNCTION BOX WITH SINGLE GANG PLASTER RING

ACCESSIBLE CEILING SPACE TERMINATE CONDUIT

AND EXTEND 1" CONDUIT MINIMUM TO THE

IN CEILING SPACE WITH A NYLON BUSHING.





SCALE: NONE

TYPICAL JUNCTION BOX MOUNTING DETAIL

IF PANEL BOARD IS FEED FROM A TRANSFORMER LOCATED IN THE SAME ROOM AS THE PANEL.

380 FT.

THE ABOVE CIRCUIT LENGTHS ARE BASED ON 4% VOLTAGE DROP AT 16 AMPS LOAD AT THE END

IF PANELBOARD IS FEED FROM A TRANSFORMER LOCATED REMOTELY FROM THE PANEL. THE

325 FT.

THE ABOVE CIRCUIT LENGTHS ARE BASED ON 3% VOLTAGE DROP AT 16 AMPS LOAD AT THE END

FIXTURES

277 VOLTS

277 VOLTS

180 FT.

420 FT.

180 FT.

300 FT.

700 FT.

THE TOTAL LENGTH OF BRANCH CIRCUITS SHALL NOT EXCEED THE FOLLOWING:

OF THE CIRCUIT. SAME WIRE SIZE SHALL BE USED FOR THE ENTIRE CIRCUIT.

TOTAL LENGTH OF BRANCH CIRCUITS SHALL NOT EXCEED THE FOLLOWING:

OF THE CIRCUIT. SAME WIRE SIZE SHALL BE USED FOR THE ENTIRE CIRCUIT.

a - USING #12 AWG

b - USING #10 AWG

- USING #8 AWG

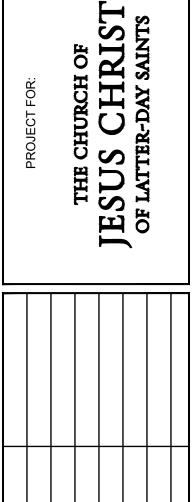
d - USING #6 AWG

a - USING #12 AWG

b - USING #10 AWG

c - USING #8 AWG

d - USING #6 AWG



No.264397

2025/06/30

PROJECT NUMBER: 500021624030101 30 JUNE 2025 PROPERTY NUMBER:

5000216

POWER DETAILS

EE502

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