INCLINE ARCHITECTS

IH MEMORIAL PHARMACY BACKFILL

OWNER

INTERMOUNTAIN HEALTH
JENNIFER PAUL, PROJECT MANAGER
2000 S 900 E
SALT LAKE CITY, UTAH 84105

ARCHITECT

INCLINE ARCHITECTS
747 EAST SOUTH TEMPLE ST SUITE 105
SALT LAKE CITY, UTAH 84102

STRUCTURAL ENGINEER

BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

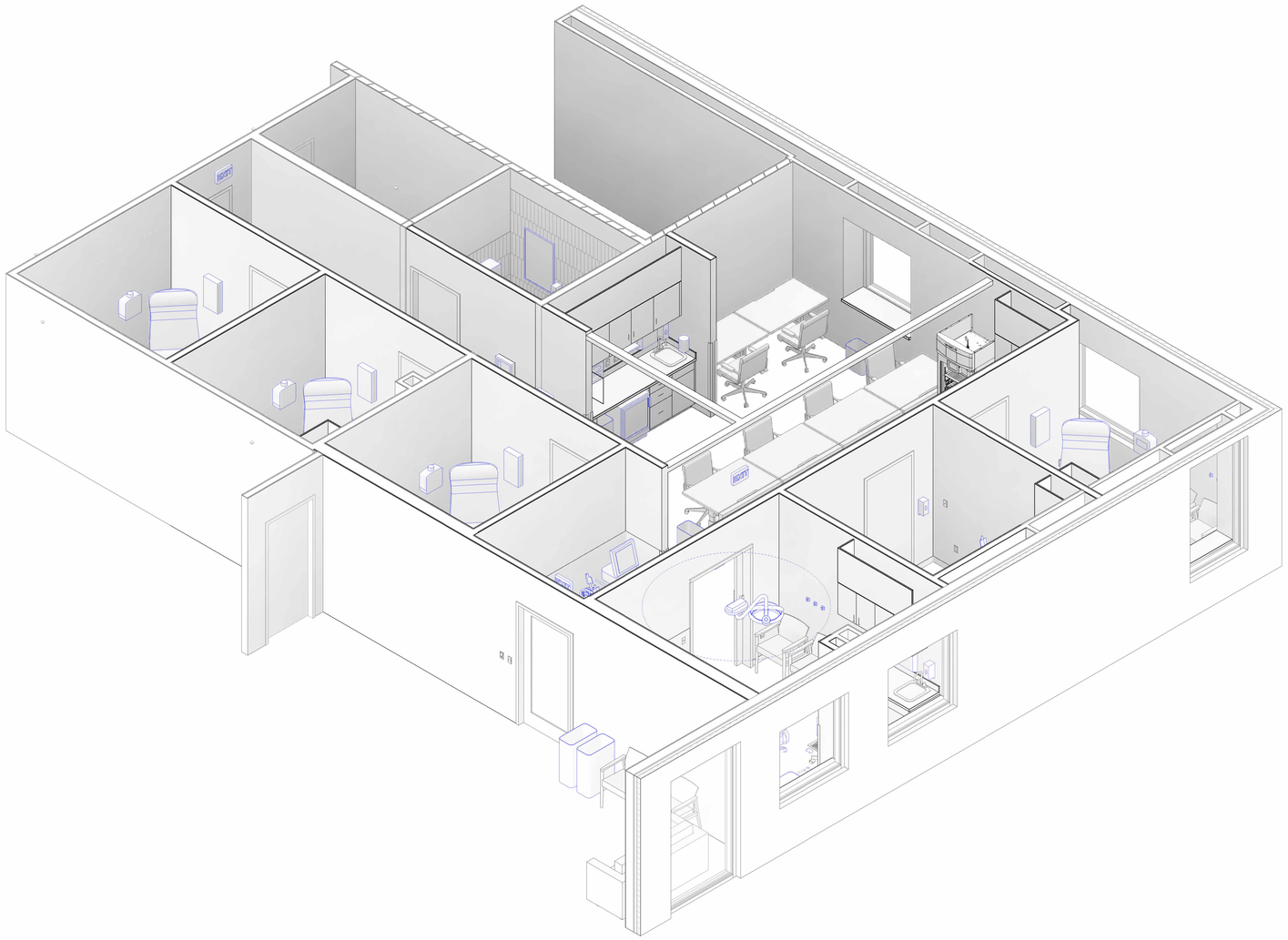
MECHANICAL & ELECTRICAL ENGINEER

RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

STATE OF UTAH
STEPHEN C. McNAMARA
6023820
LICENSED ARCHITECT
11/25/2025

LICENSED PROFESSIONAL ENGINEER
No. 11573858-2202
TREVOR DONEY
STATE OF UTAH

LICENSED PROFESSIONAL ENGINEER
Lewis Wong
No. 9075170
STATE OF UTAH



PERMIT SET

25 NOV 2025

INCLINE PROJECT # 25-030
OWNER PROJECT # 10020983

DRAWING ABBREVIATIONS

A

AC	AIR CONDITIONING
ACT	ACOUSTICAL CEILING TILE
ADDL	ADDITIONAL
ADJ	ADJACENT
AED	AUTOMATED EXTERNAL DEFIBRILLATOR
AFF	ABOVE FINISHED FLOOR
AGGR	AGGREGATE
ALUM	ALUMINUM
ALT	ALTERNATE
ANOD	ANODIZED
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
AWS	ARCHITECTURAL WOODWORK STANDARDS

B

BD	BOARD
BF	BACKFACE
BKT	BRACKET
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM
BO	BOTTOM OF
BOT	BOTTOM
BRG	BEARING
BSMT	BASEMENT
BTWN	BETWEEN
BW	BEARING WALL

C

CAB	CABINET
CDS	CABINET DESIGN SERIES (AWS)
CEM	CEMENT
CER	CERAMIC
CG	CORNER GUARD
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CMP	COMPOSITE METAL PANEL
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COMM	COMMUNICATIONS
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
COORD	COORDINATE
CORR	CORRIDOR
CPU	COMPUTER
CR	CARD READER
CSK	COUNTERSUNK
CTD	CENTERED
CTR	CENTER
CW	CURTAIN WALL

D

D	DEEP
DBL	DOUBLE
DIA	DIAMETER
DIAPH	DIAPHRAGM
DIM	DIMENSION
DISL	DISPOSAL
DISP	DISPENSER/DISPENSING
DJ	DEFLECTION JOINT
DL	DEAD LOAD
DTL	DETAIL
DWG	DRAWING
DWN	DOWN

E

(E)	EXISTING
EA	EACH
EF	EACH FACE
EIFS	EXTERIOR INSULATION & FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATOR
ELEC	ELECTRICAL
ELEV	ELEVATION
EOS	EDGE OF SLAB
EQ	EQUAL
EQUIP	EQUIPMENT
ESC	ESCALATOR
ETR	EXISTING TO REMAIN
EW	EACH WAY
EXP BLT	EXPANSION BOLT
EXT	EXTERIOR

F

FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FIB	FIBERGLASS
FIN	FINISH
FLR	FLOOR
FLR TRNS	FLOOR TRANSITION
FMWP	FORMED METAL WALL PANEL
FS	FLOOR SINK
FT	FOO
FTG	FOOTING
FV	FIELD VERIFY
FVC	FIRE VALVE CABINET

G

GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GB	GRADE BEAM
GEN	GENERAL
GL	GLASS
GMU	GLAZED MASONRY UNIT
GRD	GRADE
GRG	GLASS-REINFORCED GYPSUM
GRND	GROUND
GWB	GYPSUM WALL BOARD

H

HB	HOSE BIB
HDW	HARDWARE
HDWD	HARDWOOD
HK	HOOK
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HP	HIGH POINT
HR	HOUR
HSKP	HOUSEKEEPING
HT	HEIGHT
HWS	HAND WASH SINK
HW	HEAD OF WALL

I

IBC	INTERNATIONAL BUILDING CODE
ID	INSIDE DIAMETER
INFO	INFORMATION
INSUL	INSULATION
INT	INTERIOR

J

K

K	KIPS (1000 LB)
KO	KNOCK-OUT
KP	KICKPLATE
KSF	KIPS PER SQUARE FOOT

L

LAV	LAVATORY
LG	LONG
LKB	LOCKABLE
LKR	LOCKER
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION
LP	LOW POINT
LT	LIGHT
LWC	LIGHTWEIGHT CONCRETE

M

MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MEMB	MEMBRANE
MEP	MECHANICAL, ELECTRICAL, AND PLUMBING
MFR	MANUFACTURER
MGO	MEDICAL GAS OUTLET
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MOD	MODIFIED
MTD	MOUNTED
MTL	METAL

N

NA	NOT AVAILABLE
NIC	NOT IN CONTRACT
NIS	NOT IN SCOPE
NOM	NOMINAL
NS	NEAR SIDE
NTS	NOT TO SCALE

O

OA	OVER ALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OH	OPPOSITE HAND
OPN	OPENING
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
OSF	OUTSIDE FACE
OVHD	OVERHEAD

P

PAT	PATIENT
PC	PRECAST CONCRETE
PCF	POUNDS PER CUBIC FOOT
PCP	PORTLAND CEMENT PLASTER
PENT	PENTHOUSE
PLAM	PLASTIC LAMINATE
PLT	PLATE
PLUMB	PLUMBING
PLYWD	PLYWOOD
PNT	PAINT/PAINTED
POL	POLISHED
PORT CEM	PORTLAND CEMENT
PP	PUSH PLATE
PR	PAIR
PREFAB	PREFABRICATED
PROP LINE	PROPERTY LINE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT
P-TUBE	PNEUMATIC TUBE

R

R	RISER
RAD	RADIUS
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REBAR	REINFORCING BAR
RECP	RECEPTION
REF	REFER OR REFERENCE
REINF	REINFORCING
RELOC	RELOCATE/RELOCATED
REQD	REQUIRED
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT OF WAY

S

SAB	SOUND ATTENUATION BLANKET
SBC	STANDARD BUILDING CODE
SCHED	SCHEDULE
SECT	SECTION
S/H	SINGLE HUNG
SHG	SHEET GOOD FLOORING
SHWR	SHOWER
SIM	SIMILAR
SO	STRUCTURAL OPENING
SOG	SLAB ON GRADE
SP	STAND PIPE
SPEC	SPECIFICATION
SQ	SQUARE
SQFT	SQUARE FEET
SRF MTD	SURFACE MOUNTED
SS	STAINLESS STEEL
SSF	SOLID SURFACE
STA	STATION
STC	SOUND TRANSMISSION CLASS
STIFF	STIFFENER
STL	STEEL
STND	STANDARD
STRUCT	STRUCTURAL
SYM	SYMMETRICAL
SYS	SYSTEM

T

TC	TOP OF CURB
TEL	TELEPHONE
TEMP	TEMPERATURE
THK	THICK
TLT	TOILET
TO	TOP OF
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOP	TOP OF PARAPET
TOS	TOP OF SLAB
TOSTL	TOP OF STEEL
TOW	TOP OF WALL
TRD	TREAD
TRNS	TRANSITION
TRSH CH	TRASH CHUTE
TYP	TYPICAL

U

UC	UNDER COUNTER
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE

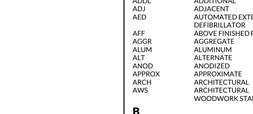
V

VAR	VARIES
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VWC	VINYL WALL COVERING

W

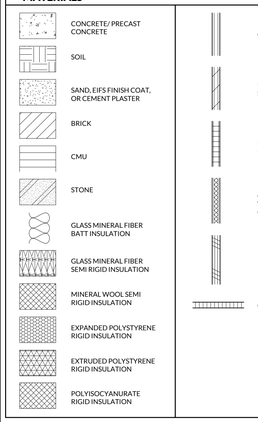
W	WIDE/
W/	WITH
W/C	WHEEL CHAIR
W/O	WITHOUT
WD	WOOD
WF	WIDE FLANGE
WKSTN	WORKSTATION
WL	WIND LOAD
WP	WATERPROOF(ING)
WWF	WELDED WIRE FABRIC

SHEET NAMING AND NUMBERING

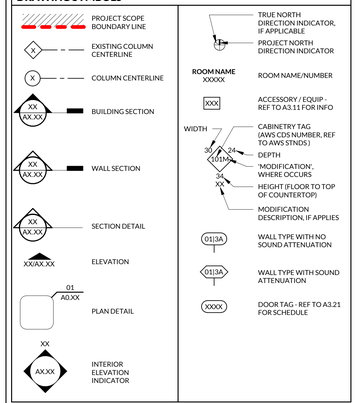


LEGEND

MATERIALS



DRAWING SYMBOLS



DEFERRED SUBMITTALS

DIVISION 05
05-4300 UNISTRUT METAL FRAMING

DIVISION 21
21-1313 FIRE SPRINKLER SYSTEM

DIVISION 28
28-3111 FIRE ALARM SYSTEM

ADD ALTERNATES

ADD ALTERNATE 01

USE MANNINGTON FLOORING PRODUCTS IN LIEU OF TARKETT PRODUCTS FOR SHV-01 AND SHV-02:

SHV-01	DESCRIPTION:	SLIP-RESISTANT SHEET VINYL
	MANUFACTURER:	MANNINGTON COMMERCIAL
	COLLECTION:	BIOSPEC MD
	COLOR:	HAYSTACK 15519
SHV-02	DESCRIPTION:	SLIP-RESISTANT SHEET VINYL
	MANUFACTURER:	MANNINGTON COMMERCIAL
	COLLECTION:	BIOSPEC CHOICES/BIOSPEC SR
	COLOR:	BEDROCK 67369

PROJECT SUMMARY

PROJECT INFORMATION

PROJECT NAME	IH MEMORIAL PHARMACY BACKFILL
ADDRESS	2000 S 900 E, SALT LAKE CITY, UTAH 84105
OWNER CONTACT	JENNIFER PAUL, PROJECT MANAGER
PHONE	385-787-3497
SCOPE OF WORK	1,462 SF OF LEVEL 2 ALTERATIONS IEBC CHAPTER 6

APPLICABLE CODES

- BUILDING CODE: 2021 IBC / IEBC
- MECHANICAL: 2021 IMC
- PLUMBING: 2021 IPC
- ELECTRICAL: 2020 NEC
- FIRE CODE: 2021 IFC
- LIFE SAFETY CODE: NFPA 101 2021
- ACCESSIBILITY CODE: 2017 ICC/ANSI A117.1
- ENERGY CODE: 2018 IECC
- FIRE CODE: 2021
- FUEL CODE: 2021 IFGC

BUILDING PLANNING

OCCUPANCY	B	IBC, CHAPTER 3
MIXED OCCUPANCY	YES | **NO**	
OCCUPANCY SEPARATION	YES | **NO**	IBC 422.2
ESSENTIAL FACILITY	YES | **NO**	IBC TABLE 1604.5

TYPE OF CONSTRUCTION

CONSTRUCTION TYPE	II-B, SPRINKLERED	IBC TABLE 601
MAX ALLOWABLE AREA	OCCUPANCY B-SM A = 69,000 SF	IBC TABLE 506.2
ACTUAL AREA	37,180 SF (EXISTING)	
PROJECT REMODEL AREA	**1,462 SF (3.9% OF BUILDING AREA)**	
MAX ALLOWABLE HEIGHT ACTUAL HEIGHT	55 FEET NO MODIFICATION	IBC TABLE 504.3
MAX ALLOWABLE STORIES ACTUAL STORIES	4 STORIES NO MODIFICATION	IBC TABLE 504.4

FIRE PROTECTION SYSTEM

FIRE EXTINGUISHING SYSTEM	**YES** | NO	EXISTING
STANDPIPE SYSTEM	YES | **NO**	EXISTING
SMOKE CONTROL	YES | **NO**	EXISTING

ZONING | BUILDING SUMMARY

REFERENCES BELOW ARE FROM SALT LAKE CODE OF ORDINANCES, DATED 09 OCT 2025

ZONE	INSTITUTIONAL, I
BUILDING USE	MEDICAL CLINIC, OUTPATIENT | PERMITTED

PARKING

NO MODIFICATIONS TO EXISTING PARKING

LANDSCAPING

NO MODIFICATIONS TO EXISTING LANDSCAPE

REQUIRED PLUMBING FIXTURE SUMMARY

OCCUPANCY GROUP	OCCUPANCY LOAD	WATER CLOSETS	LAVATORIES	BATHTUBS/ SHOWERS	DRINKING FOUNTAINS	OTHER
BUSINESS	10	1	1	0	1	1

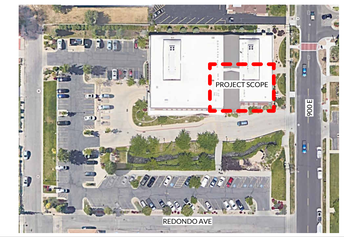
PLUMBING FIXTURE COUNT

IBC TABLE 2902.1

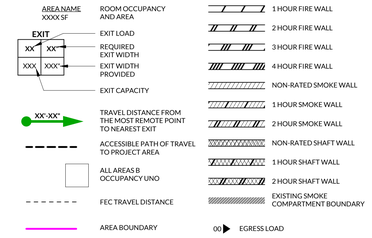
FIXTURE TYPE	COUNT REQUIRED	COUNT PROVIDED	COMMENTS
LAV	1	1	
WATER CLOSET	1	1	

DRINKING FOUNTAIN AND SERVICE SINK ETR, CALLED OUT ON LIFE SAFETY PLAN

VICINITY MAP



LIFE SAFETY PLAN LEGEND



LIFE SAFETY GENERAL NOTES

1. STENCIL "1 HOUR FIRE BARRIER" ON BOTH SIDES OF 1-HOUR RATED WALLS ABOVE CEILING AT 4'-0" INTERVALS.
2. EXISTING FIRE RATINGS WERE OBTAINED FROM AS-BUILT DRAWINGS: *"X_MEMORIAL CLINIC_01 BASELINE"* DATED APRIL 09, 2024.
3. EXISTING OCCUPANCIES WILL NOT CHANGE AS A RESULT OF THIS REMODEL AND THEREFORE ARE NOT ADDING ADDITIONAL OCCUPANT LOADS; EXISTING EGRESS REQUIREMENTS TO REMAIN.

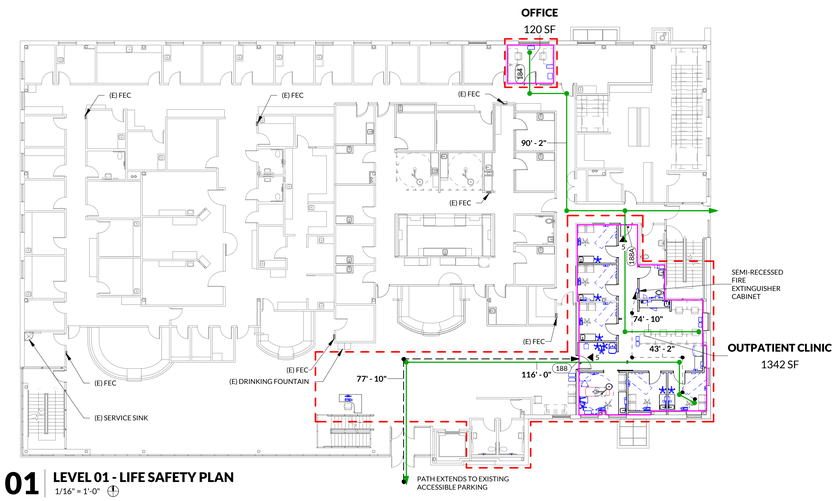
OCCUPANCY SCHEDULE

AREA NAME	SQFT	OCCUPANCY CLASSIFICATION	FUNCTION OF SPACE	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
OUTPATIENT CLINIC	1342 SF	B	OUTPATIENT CLINIC (BUSINESS AREA)	150	9
OFFICE	120 SF	B	BUSINESS AREA	150	1
TOTAL OCCUPANTS:					10

*ACCESSORY FUNCTION PER IBC 303.1.2 *SMALL ASSEMBLY SPACES* AND IBC 311.1.1 ACCESSORY STORAGE SPACES AND SHALL BE CALCULATED AS BUSINESS OCCUPANCY.

LS DOOR SCHEDULE

NUMBER	WIDTH	EXIT WIDTH	EXIT CAPACITY
184	3' -0"	36"	170
188	3' -6"	42"	200
188A	3' -0"	36"	170



01 LEVEL 01 - LIFE SAFETY PLAN
1/16" = 1'-0"

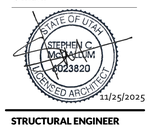
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© 2019 INCLINE ARCHITECTS

SHEET INDEX

SHEET NUMBER	SHEET NAME	25 NOV 2025 - PERMIT SET
A0.00	COVER	X
A0.01	PROJECT INFO	X
A0.41	UL-LISTED AND RATED PENETRATION ASSEMBLIES	X
A0.42	ICRA MATRIX	X
A0.91	INTERIOR FINISHES LEGEND AND DETAILS	X
ARCHITECTURAL		
A2.01	DEMOLITION PLANS	X
A2.02	DEMOLITION RCP	X
A2.11	DIMENSIONAL FLOOR PLAN	X
A2.21	FLOOR PLAN & DETAILS	X
A2.41	ENLARGED VIEWS, EXAM 189	X
A2.42	ENLARGED VIEWS, EXAM 195	X
A2.43	ENLARGED VIEWS, EXAM 196	X
A2.44	ENLARGED VIEWS, PROCEDURE 194	X
A2.45	ENLARGED VIEWS, CARE TEAM	X
A2.46	ENLARGED VIEWS, PATIENT TLT 192B	X
A2.91	FINISH PLAN, DETAILS, SCHEDULE	X
A3.01	WALL TYPES, FRAMING & DETAILS	X
A3.11	WALL-MTD EQUIP AND ACCESSORIES	X
A3.21	DOORS, WINDOWS, SAFETY GLAZING, & LOUVERS	X
A3.31	CASEWORK DETAILS	X
A4.21	RCP	X
A4.22	CEILING DETAILS	X
MECHANICAL/PLUMBING		
M001	HVAC TITLE SHEET	X
MD101	MECHANICAL DEMOLITION PLAN	X
MH101	MECHANICAL FLOOR PLAN	X
MZ101	MECHANICAL ZONE PLAN	X
MPD101	MECHANICAL PIPING DEMOLITION PLAN	X
MP101	MECHANICAL PIPING PLAN	X
M501	MECHANICAL DETAILS	X
M601	MECHANICAL SCHEDULES	X
PD101	PLUMBING DEMOLITION PLAN	X
PE101	PLUMBING FLOOR PLAN	X
P501	PLUMBING DETAILS	X
P601	PLUMBING SCHEDULES	X
F001	FIRE PROTECTION TITLE SHEET	X
FP101	FIRE PROTECTION FLOOR PLAN	X
ELECTRICAL		
E001	ELECTRICAL TITLE SHEET	X
E002	ELECTRICAL NOTES, LEGENDS, & SCHEDULES	X
EG501	ELECTRICAL DETAILS	X
ED101	LEVEL 1 LIGHTING DEMOLITION PLAN	X
ED102	LEVEL 1 POWER DEMOLITION PLAN	X
EL101	LEVEL 1 LIGHTING PLAN	X
EL601	LIGHTING SCHEDULES	X
EP101	LEVEL 1 POWER FLOOR PLAN	X
EP601	PANEL SCHEDULES	X
EP701	ONELINE DIAGRAM - ELECTRICAL	X

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE #105
SALT LAKE CITY, UTAH 84102

STAMP



STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE

INCLINE: 25-030
OWNER: 10020983

25 NOV 2025

PERMIT SET

PROJECT INFO

A0.01

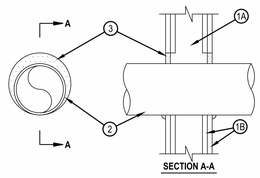
UL LISTED ASSEMBLIES

System No. W-L-1054

WL 1054

Classified by Underwriters Laboratories, Inc. to UL 1479 and CAN/ULC-S115

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Ratings — 1 and 2 Hr (See Items 1 and 3)	F Ratings — 1 and 2 Hr (See Items 1 and 3)
T Rating — 0 Hr	FT Rating — 0 Hr
L Rating (Without Movement) at Ambient — Less Than 1 CFM/sq ft	FH Ratings — 1 and 2 Hr (See Items 1 and 3)
L Rating (Without Movement) at 400°F — Less Than 1 CFM/sq ft	FTH Rating — 0 Hr
M Rating (Movement) — See Table 1	FTH Rating — 0 Hr
	L Rating at Ambient — Less Than 5.1 L/s/m2
	L Rating at 204°C — Less Than 5.1 L/s/m2



SECTION A-A

1. Wall Assembly — The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. Studs — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 2-1/2 in. (64 mm) wide and spaced max 24 in. (610 mm) OC. For M Rating, steel studs to be min 3-5/8 in. (92 mm) wide. When steel studs are used and the diam of opening exceeds the width of stud cavity, the opening shall be framed on all sides using lengths of steel stud installed between the vertical studs and screw-attached to the steel studs at each end. The framed opening in the wall shall be 4 to 6 in. (102 to 152 mm) wider and 4 to 6 in. (102 to 152 mm) higher than the diam of the penetrating item such that, when the penetrating item is installed in the opening, a 2 to 3 in. (51 to 76 mm) clearance is present between the penetrating item and the framing on all four sides.
   B. Gypsum Board* — 5/8 in. (16 mm) thick, 4 ft (122 cm) wide with square or tapered edges. The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 32-1/4 in. (819 mm) for steel stud walls. Max diam of opening is 14-1/2 in. (368 mm) for wood stud walls. The F and FH Ratings of the firestop system are equal to the fire rating of the wall assembly. The M Rating is applicable only to 1 hr rated walls.

HILTI Hilti Firestop Systems

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System No. W-L-1054

WL 1054

2. Through-Penetrants — One metallic pipe, conduit or tubing to be installed either concentrically or eccentrically within the firestop system. The annular space shall be min 0 in. to max 2-1/4 in. (57 mm). Pipe may be installed with continuous point contact. Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:
   A. Steel Pipe — Nom 30 in. (762 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.
   B. Iron Pipe — Nom 30 in. (762 mm) diam (or smaller) cast or ductile iron pipe.
   C. Conduit — Nom 4 in. (102 mm) diam (or smaller) steel electrical metallic tubing or 6 in. (152 mm) . diam steel conduit.
   D. Copper Tubing — Nom 6 in. (152 mm) diam (or smaller) Type L (or heavier) copper tubing.
   E. Copper Pipe — Nom 6 in. (152 mm) diam (or smaller) regular (or heavier) copper pipe.
3. Fill, Void or Cavity Material* — Sealant — Min 5/8 in. (16 mm) thickness of fill material applied within the annulus, flush with both surfaces of wall. At the point or continuous contact locations between pipe and wall, a min 1/2 in. (13 mm) diam bead of fill material shall be applied at the pipe wall interface on both surfaces of wall.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-ONE MAX Intumescent Sealant

Movement Direction	Penetrant Item	Nominal Penetrant Diameter	Annular Space	Movement	Sealant Depth	F-Rating	L Rating with Movement
Y	2A, 2C*	2 in.	Max 2-1/4 in.	5%	5/8 in.	1 hr	N/A
Z	2A, 2C*	2 in.	2-1/4 in.	0.25 in.	5/8 in.	1 hr	N/A

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

HILTI Hilti Firestop Systems

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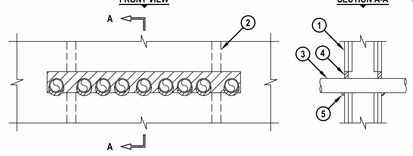
UL/cUL SYSTEM NO. W-L-1389

MULTIPLE METALLIC PIPES THROUGH GYPSUM WALL ASSEMBLY

F-RATING = 1-HR. OR 2-HR.
T-RATING = 0-HR.
L-RATING AT AMBIENT = LESS THAN 1 CFM / SQ FT
L-RATING AT 400°F = 4 CFM / SQ FT

WL 1389d 013018

FRONT VIEW



SECTION A-A

1. GYPSUM WALL ASSEMBLY (UL/cUL CLASSIFIED U400 OR V400 SERIES) (1-HR. OR 2-HR. FIRE-RATING) (2-HR. SHOWN).
2. STEEL STUDS TO BE MINIMUM 3-5/8" WIDE.
3. ANY COMBINATION OF THE FOLLOWING PIPES MAY BE INSTALLED IN A SINGLE ROW :
   A. MAXIMUM 2" NOMINAL DIAMETER STEEL PIPE (SCHEDULE 5 OR HEAVIER).
   B. MAXIMUM 2" NOMINAL DIAMETER STEEL CONDUIT.
   C. MAXIMUM 2" NOMINAL DIAMETER EMT.
4. MINIMUM 5/8" DEPTH HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT (SEE NOTE NO. 4 BELOW).
5. MINIMUM 1/2" BEAD HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT APPLIED AT POINT OF CONTACT (SEE NOTE NO. 4 BELOW).

NOTES : 1. MAXIMUM SIZE OF OPENING = 32" x 3-1/2".
2. ANNULAR SPACE BETWEEN PIPES AND PERIPHERY OF OPENING = MINIMUM 0", MAXIMUM 1-3/8".
3. ANNULAR SPACE BETWEEN PIPES = MINIMUM 0", MAXIMUM 1-1/4".
4. AS AN ALTERNATE TO FS-ONE MAX ON 1-HR. RATED WALLS ONLY, HILTI CP 606 FLEXIBLE FIRESTOP SEALANT MAY BE USED.
5. FOR L-RATINGS TO APPLY, ANNULAR SPACE BETWEEN PIPES = MINIMUM 1/2", MAXIMUM 1-1/4".

HILTI Hilti Firestop Systems

HILTI, Inc.
Plano, Texas USA (800) 879-8000

Sheet	1 of 1
Scale	7/64" = 1"
Date	Jan. 30, 2018

Drawing No. WL 1389d

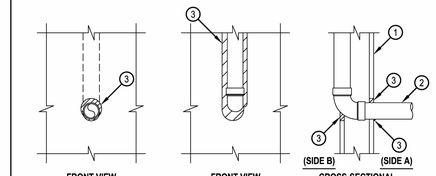
Saving Lives through Innovation and Education

System No. W-L-1412

WL 1412

Classified by Underwriters Laboratories, Inc. to UL 1479 and CAN/ULC-S115

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating — 1 Hr	F Rating — 1Hr
T Rating — 0 Hr	FT Rating — 0 Hr
	FH Rating — 1Hr
	FTH Rating — 0 Hr



FRONT VIEW (SIDE A) | FRONT VIEW (SIDE B) | CROSS-SECTIONAL VIEW

1. Wall Assembly — The 1 hr fire-rated gypsum board/steel stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300, U400, V400 or W400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. Studs — Wall framing shall consist of steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 3-5/8 in. (92 mm) wide and spaced max 24 in. (610 mm) OC.
   B. Gypsum Board* — Min 5/8 in. (16 mm) thick gypsum board. Max diam of opening shall be 3 in. (76 mm) on through penetration side. Maximum width of opening on membrane penetration is to be max 3 in. (76 mm).
2. Through Penetrant — One nom 2 in. (51 mm) pipe to be installed concentrically or eccentrically within opening on one side of the wall. On one side of the wall the pipe is allowed to penetrate the membrane continuously in a plane parallel with the wall and the studs. The annular space between the through penetrant and the periphery of opening shall be min 0 in. (0 mm, point contact) to max 3/4 in. (19 mm). Through penetrant to be rigidly supported on the through penetration side of the wall assembly. The following types and sizes of through penetrants may be used:
   A. Steel Pipe — Nom 2 in. (51 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.
   B. Iron Pipe — Nom 2 in. (51 mm) diam (or smaller) cast or ductile iron pipe.
   C. Conduit — Nom 2 in. (51 mm) diam (or smaller) rigid steel conduit or electrical metallic tubing (ERT).
3. Firestop System — Sealant — Min 5/8 in. (16 mm) thickness of fill material applied with annulus flush with both surfaces of the wall. Additional min 1/4 in. (6 mm) diam bead of fill material applied at the penetrant/gypsum board interface on both sides of wall.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-ONE Sealant, or FS-ONE MAX Intumescent Sealant
   * Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

HILTI Hilti Firestop Systems

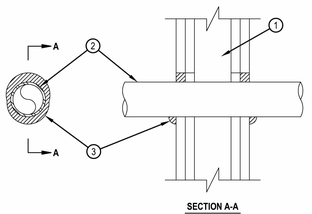
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System No. W-L-2244

WL 2244

F Ratings — 1 and 2 Hr (See Item 1)
T Ratings — 0, 1 and 2 Hr (See Item 1)
L Rating (Without Movement) at Ambient - Less Than 1 CFM/sq ft
L Rating (Without Movement) at 400°F - 2 CFM/sq ft
M Rating (Movement) — See Table 1

Classified by Underwriters Laboratories, Inc. to UL 1479



SECTION A-A

HILTI Hilti Firestop Systems

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System No. W-L-2244

WL 2244

1. Wall Assembly — The 1 and 2 hr fire rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300, U400, V400 or W400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:
   A. Studs — Wall framing shall consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 2-1/2 in. (64 mm) wide by 1-3/8 in. (35 mm) deep channels spaced max 24 in. (610 mm) OC. For M Rating, and for 1 hr Rated walls with opening diam exceeding 3 in. (76 mm), steel studs to be min 3-5/8 in. (92 mm) wide.
   B. Gypsum Board* — The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual Wall and Partition Series Design in the UL Fire Resistance Directory. Max diam of opening is 3 in. (76 mm). For M Rating, and as an option for 1 hr F Rating only, max diam of opening is 4-3/8 in. (111 mm).
   The hourly F and T Ratings of the firestop system are equal to the hourly fire rating of the wall assembly in which it is installed. The M Rating is applicable only to 1 hr rated walls and the T Rating is 0 hr. The T Rating for opening diameters exceeding 3 in. (76 mm) is 0 hr.
2. Through Penetrant — One nonmetallic pipe, conduit or tubing installed either concentrically or eccentrically within the firestop system. The annular space between pipe and periphery of opening shall be min of 0 in. (point contact) to a max 5/8 in. (16 mm). As an option, for 1 hr F Rating, the annular space between pipe and opening shall be nom 1 in. (25 mm) for cellular core PVC penetrant and L Rating does not apply. Pipe to be rigidly supported on both sides of wall assembly. The following types and sizes of nonmetallic pipes may be used:
   A. Polyvinyl Chloride (PVC) Pipe — Nom 2 in. (51 mm) diam (or smaller) cellular or solid core Schedule 40 (or heavier) pipe for use in closed (process or supply) piping systems.
   B. Chlorinated Polyvinyl Chloride (CPVC) — Nom 2 in. (51 mm) diam (or smaller) SDR 13.5 CPVC pipe for use in closed (process or supply) piping systems.
3. Fill, Void or Cavity Material* - Sealant — Min 5/8 in. (16 mm) thickness of fill material applied within annulus, flush with both surfaces of wall. At point contact location, a min 1/2 in. (13 mm) diam bead of fill material shall be applied to the wall/penetrant interface on both surfaces of the wall.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-ONE MAX Intumescent Sealant

The M Rating for the firestop system is dependent on the variables as noted in the Table 1 below.

Table 1

Movement Direction	Penetrant Item	Nominal Penetrant Diameter	Annular Space	Movement	Sealant Depth	F Rating	L Rating
Y	2A	2 in.	Max 1 in.	5%	5/8 in.	1 hr	N/A
Z	2A	2 in.	1 in.	0.25 in.	5/8 in.	1 hr	N/A

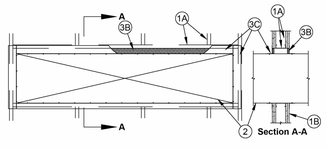
* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

HILTI Hilti Firestop Systems

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Classified by Underwriters Laboratories, Inc. to ANSI/UL 1479 (ASTM E814) and CAN/ULC S115 **System No. W-L-7025**

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Ratings - 1 and 2 Hr (See Item 1)	F Ratings - 1 and 2 Hr (See Item 1)
T Rating - 1/2 Hr	FT Rating - 1/2 Hr
L Rating At Ambient - Less Than 1 CFM/sq ft	FH Ratings - 1 and 2 Hr (See Item 1)
L Rating At 400 F - Less Than 1 CFM/sq ft	FTH Rating - 1/2 Hr
	L Rating At Ambient - Less Than 5.1 L/s/m3
	L Rating At 204 C- Less Than 5.1 L/s/m3



Section A-A

1. **Wall Assembly** - The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in the individual U400, V400 or W 400 Series Wall or Partition Design in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Studs** - Wall framing shall consist of min 3-1/2 in. (89 mm) wide steel channel studs spaced max 24 in. (610 mm) OC. Additional steel studs shall be used to completely frame the opening.
   B. **Gypsum Board*** - 5/8 in. (16 mm) thick, 4 ft (1.22 m) wide with square or tapered edges. The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual Design in the UL Fire Resistance Directory. Max area of opening is 73.7 sq ft (6.85 m2) with a max dimension of 104 in. (2.64 m).
   The hourly F and FH Ratings of the firestop system are equal to the hourly fire rating of the wall assembly in which it is installed.
2. **Steel Duct** - Max 100 in. by 100 in. (2.54 by 2.54 m) No. 26 gauge (or heavier) galv steel duct to be installed either concentrically or eccentrically within the firestop system. The space between the steel duct and periphery of opening shall be min 0 in. (0 mm, point contact) to max 2 in. (51 mm). Steel duct to be rigidly supported on both sides of the wall assembly.

2A. **Coated Ducts*** - As an alternate to Item 2, max 60 by 60 in. (1524 by 1524 mm) steel duct coated with BW11 coating material. Duct sections shall be assembled using bolted flanges or SMACNA approved Transverse Joint Reinforcements. Annular space between duct and periphery of opening shall be shall be min 0in. (point contact) to max 2 in. (51 mm). Duct to be rigidly supported on both sides wall assembly.

FIRESPRAY INTERNATIONAL LTD - FLAMEBAR BW11 fire rated ductwork

STI.

Specified Technologies Inc. 210 Evans Way Somerville, NJ 08876

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Created or Revised: July 24, 2017

(800)992-1180 • (908)526-8000 • FAX (908)231-8415 • E-Mail:techserv@stifirestop.com • Website:www.stifirestop.com

cULus W-L-7025

3. **Firestop System** - The firestop system shall consist of the following:
   A. **Packing Material** - (Optional, Not Shown) - Polyethylene backer rod, mineral wool batt insulation or fiberglass batt insulation friction fitted into annular space. Packing material to be recessed from both surfaces of wall as required to accommodate the required thickness of fill material.
   B. **Fill, Void or Cavity Material* - Sealant** - Min 5/8 in. (16 mm) thickness of fill material applied within the annulus, flush with both surfaces of wall. Min 1/4 in. (6 mm) diam bead of fill material shall be applied at the point contact location between the steel duct and the gypsum board. For 2 hr Rated walls when LC150 or LE600 Sealant is used, fill material thickness installed to full depth of gypsum board layers on each side of wall assembly.
   SPECIFIED TECHNOLOGIES INC - SpecSeal Series SSS Sealant, SpecSeal LCI Sealant, SpecSeal LC150 Sealant or SpecSeal LE 600 Sealant.
   C. **Steel Retaining Angles** - Min No. 16 gauge (0.059 in. or 15 mm) galv steel angles sized to lap steel duct a min of 2 in. (51 mm) and to lap wall surfaces a min of 1 in. (25 mm). Angles attached to steel duct on both sides of wall with min No. 10 by 1/2 in. (13 mm) long steel sheet metal screws located a max of 1 in. (25 mm) from each end of steel duct and spaced a max of 6 in. (152 mm) OC.
   * **Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

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cULus W-L-7025

RATED ASSEMBLY GENERAL NOTES

1. REFER TO SPECIFICATION SECTION 01 4000 – QUALITY REQUIREMENTS FOR SPECIFIC PROJECT REQUIREMENTS.
2. PARTIAL UL LISTINGS PROVIDED FOR ATTACHMENT REFERENCE ONLY. REFER TO FULL UL LISTING FOR COMPLETE ASSEMBLY REQUIREMENTS.
3. DETAILS SHOWN ARE TYPICAL DETAILS. FIELD CONDITIONS MAY VARY AND MAY REQUIRE APPROVAL OF AN ALTERNATE DETAIL. FIELD CONDITIONS AND DIMENSIONS NEED TO BE VERIFIED FOR COMPLIANCE WITH THE DETAILS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: MINIMUM AND MAXIMUM WITH OF JOINTS, TYPE AND THICKNESS OF FIRE-RATED CONSTRUCTION.
4. MINIMUM ASSEMBLY RATING OF THE FIRESTOP ASSEMBLY RATING OF THE FIRE STOP ASSEMBLY SHALL MEET OR EXCEED THE HIGHEST RATING OF THE ADJACENT CONSTRUCTION.
5. MANUFACTURER'S ENGINEERING JUDGMENT DRAWING SHALL BE ISSUED IF ALTERNATE DETAILS MATCHING THE FIELD CONDITIONS ARE NOT AVAILABLE. DRAWINGS SHALL FOLLOW THE INTERNATIONAL FIRESTOP COUNCIL (IFC) GUIDELINES FOR EVALUATION FIRESTOP SYSTEM ENGINEERING JUDGMENTS.
6. REFERENCES: *2013 UNDERWRITER'S LABORATORIES FIRE RESISTANCE DIRECTORY; VOL 1 & 2. NFPA 101 LIFE SAFETY CODE, NFPA 70 - NATIONAL ELECTRIC CODE, AND ALL GOVERNING LOCAL AND REGIONAL BUILDING CODES.*
7. FIRESTOP SYSTEM INSTALLATION MUST MEET REQUIREMENTS OF ASTM E-814 (UL 1479) TESTED ASSEMBLIES THAT PROVIDE A FIRE RATING EQUAL TO THAT OF CONSTRUCTION BEING PENETRATED.
8. ALL RATED THROUGH-PENETRATION ASSEMBLIES SHALL BE PROMINENTLY LABELED WITH THE FOLLOWING INFORMATION: *"ATTENTION: FIRE RATED ASSEMBLY", "UL SYSTEM #", HOUR RATING (F-RATING), AND INSTALLATION DATE ("DAY-MONTH-YEAR", EXAMPLE: 01 JAN, 2001).*
9. FOR OUTLET BOXES REQUIRING PROTECTION, USE ONLY WALL OPENING PROTECTIVE MATERIALS, CATEGORY 'CLIV' AS CLASSIFIED BY UNDERWRITER'S LABORATORIES, FIRE RESISTANT DIRECTORY VOLUME 1.

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE #105
SALT LAKE CITY, UTAH 84102

STAMP

STATE OF UTAH
STEPHEN C. PERKINS
10238382O
LICENSED ARCHITECT
11/25/2025

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE

INCLINE: 25-030
OWNER: 10020983

25 NOV 2025

PERMIT SET

UL-LISTED AND RATED PENETRATION ASSEMBLIES

A0.41

PLOT DATE: 11/25/2025 3:48:01 PM

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Intermountain Health

Infection Control Risk Assessment 2.0
Matrix of Precautions for Construction, Renovation and Operations

ICRA 2.0 Infection Control Risk Assessment and Permit	Project Name:	Memorial MOHS		
	ICRA Number:		Requested by	
Location of Work Activity	Memorial Clinic		Project Start Date	TBD
Company Performing Work	TBD		Est. Completion Date	
Contractor Superintendent			Phone	
Contractor Project Manager			Phone	
Intermountain Project Manager			Phone	
Industrial Hygiene			Phone	
Infection Preventionist			Phone	

1. Type of Activity

- ○ **Type A: Inspection and non-invasive activities.**
  Includes but is not limited to:
  - Removal of ceiling tile for visual inspection limited to tile per 50 square feet with limited exposure time.
  - Limited building system maintenance (e.g., pneumatic tube station, HVAC system, fire suppression system, electrical and carpentry work to include above ceiling work that does not create dust or debris.
  - Clean plumbing activity limited in nature.
- ○ **Type B: Small-scale, short duration activities that create minimal dust and debris.**
  Includes but is not limited to:
  - Work conducted above the ceiling (e.g., prolonged inspection or repair of drywalls and barriers, installation of conduit and/or cabling, and access to mechanical and/or electrical chase spaces).
  - Fan shutdown/startup.
  - Installation of electrical devices or new flooring that produces minimal dust and debris.
  - The removal of drywall where minimal dust and debris is created.
  - Controlled sanding activities (e.g., wet or dry sanding) that produce minimal dust and debris.
- ◉ **Type C: Large-scale, longer duration activities that create a moderate amount of dust and debris.**
  Includes but is not limited to:
  - Removal of preexisting floor covering, walls, casework or other building components.
  - New drywall placement.
  - Renovation work in a single room.
  - Non-existing cable pathway or invasive electrical work above ceilings.
  - The removal of drywall where a moderate amount of dust and debris is created.
  - Dry sanding where a moderate amount of dust and debris is created.
  - Work creating significant vibration and/or noise.
- ○ **Type D: Major demolition and construction activities.**
  Includes but is not limited to:
  - Removal or replacement of building system component(s).
  - Removal/installation of drywall partitions.
  - Invasive large-scale new building construction.
  - Renovation work in two or more rooms.

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2. Patient Risk Area

○ Low Risk	○ Medium Risk	◉ High Risk	○ Highest Risk
Non-patient care areas such as:	Patient care support areas such as:	Patient care areas such as:	Procedural, invasive, sterile support and highly compromised patient care areas such as:
• Public hallways and gathering areas not on clinical units. • Office areas not on clinical units. • Breakrooms not on clinical units. • Bathrooms or locker rooms not on clinical units. • Mechanical rooms not on clinical units. • EVS closets not on clinical units.	• Waiting areas. • Clinical engineering. • Materials management. • Sterile processing department - dirty side. • Kitchen, cafeteria, gift shop, and food service. • Outpatient exam rooms and procedural areas.	• Outpatient procedure rooms • All acute care units • Emergency department • Employee health • Pharmacy - general work zone • Medication rooms and clean utility rooms • Imaging suites: diagnostic imaging • Laboratory.	• All transplant and intensive care units. • All oncology units. • OR theaters and restricted areas. • Procedural suites. • Pharmacy compounding. • Sterile processing department - clean side. • Transfusion services. • Dedicated isolation wards/units. • Imaging suites: invasive imaging.

3. Class of Precautions

	Activity Type			
Patient Risk	TYPE A	TYPE B	TYPE C	TYPE D
Low	○ I	○ II	○ II	○ III*
Medium	○ I	○ II	◉ III*	○ IV
High	○ I	○ III	○ IV	○ V
Highest	○ III	○ IV	○ V	○ V

Infection control permit and approval will be required when Class of Precautions III (Type C) and all Class of Precautions IV or V are necessary.

Environmental conditions that could affect human health, such as sewage, mold, asbestos, gray water and black water will require Class of Precautions IV for LOW and MEDIUM Risk Groups and Class of Precautions V for HIGH and HIGHEST Risk Groups.

***Type C [Medium Risk groups] and Type D [Low Risk Groups] work areas [Class III precautions] that cannot be sealed and completely isolated from occupied patient care spaces should be elevated to include negative air exhaust requirements as listed in Class IV Precautions.**

4. Surrounding Area

Unit	Below: Parking/Storage/Ut	Above: Derm	Lateral: Waiting Area	Behind: PT	In Front: Exterior
Risk group					
Contact					
Phone					
Controls	☒ Noise ☒ Vibration ☐ Dust ☐ Ventilation ☐ Pressurization	☒ Noise ☒ Vibration ☒ Dust ☒ Ventilation ☐ Pressurization	☒ Noise ☒ Vibration ☒ Dust ☐ Ventilation ☐ Pressurization	☒ Noise ☒ Vibration ☒ Dust ☐ Ventilation ☐ Pressurization	☐ Noise ☐ Vibration ☐ Dust ☐ Ventilation ☐ Pressurization
Systems impacted:	☐ Data ☐ Mechanical ☐ Med Gas ☐ Hot/Cold Water ☐ Other	☐ Data ☐ Mechanical ☐ Med Gas ☐ Hot/Cold Water ☐ Other	☐ Data ☐ Mechanical ☐ Med Gas ☐ Hot/Cold Water ☐ Other	☐ Data ☐ Mechanical ☐ Med Gas ☐ Hot/Cold Water ☐ Other	☐ Data ☐ Mechanical ☐ Med Gas ☐ Hot/Cold Water ☐ Other

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Were there discoveries in surrounding areas that would serve as cause to increase the class of precautions and necessitate additional controls? If so, please summarize.

5a. Required Infection Control Precautions by Class | Before and During Work Activity

Class of Precautions	Mitigation Activities (Performed Before and During Work Activity)
Class I	☒ Perform noninvasive activities in a manner that does not block or interrupt patient care. ☒ Perform noninvasive work activities in areas that are not directly occupied with patients. ☒ Perform noninvasive work activities in a manner that does not create dust. ☒ Immediately replace any displaced ceiling tile or leaving the area and/or at end of noninvasive work activity.
Class II	☒ Perform only limited dust work and/or activities in design for buildings and engineering work. ☒ Perform limited dust and invasive work following standard precautions procedures approved by the organization. ☒ This Class of Precautions must never be used for construction or renovation activities.
Class III	☒ Provide active means to prevent airborne dust dispersion into the occupied areas. ☒ Means for controlling minimal dust dispersion may include hand-held HEPA vacuum devices, polyethylene plastic containment, or isolation of work area by closing room door. ☒ Remove or isolate return air diffusers to avoid dust from entering the HVAC system. ☒ Remove or isolate the supply air diffusers to avoid positive pressurization of the space, ☒ If work area is contained, then it must be neutrally to negatively pressurized at all times. ☒ Seal all doors with tape that will not leave residue. ☒ Contain all trash and debris in the work area. ☒ Nonporous/smooth and cleanable containers (with a hard lid) must be used to transport trash and debris from the construction areas. These containers must be damp-wiped cleaned and free of visible dust/debris before leaving the contained work area. ☒ Install an adhesive (dust collection) mat at entrance of contained work area based on facility policy. Adhesive mats must be changed routinely and when visibly soiled. ☒ Maintain clean surroundings when area is not contained by damp-mopping or HEPA vacuuming activities.
Class IV	☐ Construct and complete critical barriers meeting NFPA 241 requirements including: Barriers must extend to the ceiling or, if ceiling tile is removed, to the deck above, and all penetrations through the barrier shall meet the appropriate fire rating requirements. ☐ All (plastic or hard) barrier construction activities must be completed in a manner that prevents dust release. Plastic barriers must be effectively affixed to ground and ceiling and secure from movement or damage. Apply tape that will not leave a residue to seal gaps between barriers, ceiling or floor. ☐ Seal all penetrations in containment barriers, including floor and ceiling, using approved materials (UL schedule firestop if applicable for barrier type). ☐ Containment units or environmental containment units (ECUs) approved for Class IV precautions in small areas totally contained by the unit and that has HEPA-filtered exhaust air. ☐ Remove or isolate return air diffusers to avoid dust entering the HVAC system. ☐ Remove or isolate the supply air diffusers to avoid positive pressurization of the space. ☐ Negative airflow pattern must be maintained from the entry point to the anteroom and into the construction area. The airflow must cascade from outside to inside the construction area. The entire construction area must remain negatively pressurized. ☐ Maintain negative pressurization of the entire workspace by use of HEPA exhaust air systems directed outdoors. Exhaust discharged directly to the outdoors that is 25 feet or greater from entrances, air intakes and windows does not require HEPA-filtered air. ☐ If exhaust is directed indoors, then the system must be HEPA filtered. ☐ Prior to start of work, HEPA filtration must be verified by particulate measurement and must not alter or change airflow/pressure relationships in other areas. ☐ Exhaust into shared or recirculating HVAC systems, or other shared exhaust systems (bathroom exhaust) is not acceptable.

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	☐ Install device on exterior of work containment to continually monitor negative pressurization. To assure proper pressure is continuously maintained, it is recommended that the device(s) have a visual pressure indicator. ☐ Contain all trash and debris in the work area. ☐ Nonporous/smooth and cleanable containers (with a hard lid) must be used to transport trash and debris from the construction areas. These containers must be damp-wiped cleaned and free of visible dust/debris before leaving the contained work area. ☐ Worker clothing must be clean and free of visible dust before leaving the work area. HEPA vacuuming of clothing or use of cover suits is acceptable. ☐ Workers must wear shoe covers prior to entry into the work area. Shoe covers must be changed prior to exiting the anteroom to the occupied space (non-work area). Damaged shoe covers must be immediately changed. ☐ Install an adhesive (dust collection) mat at entrance of contained work area based on facility policy. Adhesive mats must be changed routinely and when visibly soiled. ☐ Consider collection of particulate data during work to monitor and ensure that contaminates do not enter the occupied spaces. Routine collection of particulate samples may be used to verify HEPA filtration efficiencies.
Class V	☐ Construct and complete critical barriers meeting NFPA 241 requirements including: Barriers must extend to the ceiling, or if ceiling tile is removed, to the deck above, and all penetrations through the barrier shall meet the appropriate fire rating requirements. ☐ All (plastic or hard) barrier construction activities must be completed in a manner that prevents dust release. Plastic barriers must be effectively affixed to ground and ceiling and secure from movement or damage. Apply tape that will not leave a residue to seal gaps between barriers, ceiling or floor. ☐ Seal all penetrations in containment barriers, anteroom barriers, including floor and ceiling using approved materials (UL schedule firestop if applicable for barrier type). ☐ Construct anteroom large enough for equipment staging, cart cleaning, workers. The anteroom must be constructed adjacent to entrance of construction work area. ☐ Workers will be required to wear disposable coveralls during demolition activities. Disposable coveralls must be removed before leaving the work area anteroom. ☐ Remove or isolate return air diffusers to avoid dust entering the HVAC system. ☐ Remove or isolate the supply air diffusers to avoid positive pressurization of the space. ☐ Negative airflow pattern must be maintained from the entry point to the anteroom and into the construction area. The airflow must cascade from outside to inside the construction area. The entire construction area must remain negatively pressurized. ☐ Maintain negative pressurization of the entire workspace using HEPA exhaust air systems directed outdoors. Exhaust discharged directly to the outdoors that is 25 feet or greater from entrances, air intakes and windows does not require HEPA-filtered air. ☐ If exhaust is directed indoors, then the system must be HEPA filtered. ☐ Prior to start of work, HEPA filtration must be verified by particulate measurement and must not alter or change airflow/pressure relationships in other areas. ☐ Exhaust into shared or recirculating HVAC systems, or other shared exhaust systems (bathroom exhaust) is not acceptable. ☐ Install device on exterior of work containment to continually monitor negative pressurization. To assure proper pressure is continuously maintained, it is recommended that the device(s) have a visual pressure indicator. ☐ Contain all trash and debris in the work area. ☐ Nonporous/smooth and cleanable containers (with a hard lid) must be used to transport trash and debris from the construction areas. These containers must be damp-wiped cleaned and free of visible dust/debris before leaving the contained work area. ☐ Worker clothing must be clean and free of visible dust before leaving the work area anteroom. ☐ Workers must wear shoe covers prior to entry into the work area. Shoe covers must be changed prior to exiting the anteroom to the occupied space (non-work area). Damaged shoe covers must be immediately changed. ☐ Install an adhesive (dust collection) mat at entrance of contained work area based on facility policy. Adhesive mats must be changed routinely and when visibly soiled. ☐ Consider collection of particulate data during work to monitor and ensure that contaminates do not enter the occupied spaces. Routine collection of particulate samples may be used to verify HEPA filtration efficiencies.

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5b. Additional details (Controls, Specifications/Materials, Verification method/Frequency

Recommended Noise & Vibration Mitigation Strategies

- Use diamond drills instead of percussion hammers.
- Schedule noise-making periods with adjacent spaces.
- Use beam clamps instead of shot.
- Prefab where possible.
- Use tin snips to cut metal studs instead of using a chop saw.
- Install metal decking with vent tabs, then use cellular floor deck fittings.
- Consider compression style fittings instead of soldering, brazing or welding.
- Wet core drill instead of dry core or percussion.
- Instead of jackhammering concrete, use wet diamond saws.
- Use HEPA vacuums instead of standard wet/dry vacuums.
- Use mechanical joining system sprinkler fittings instead of threaded.
- Where fumes are tolerated, use chemical adhesive remover (flooring glue) instead of mechanical.
- To remove flooring, consider abrasive blasting instead of using a floor scraper.
- Use electric shears instead of reciprocating saw for ductwork cutting.
- Install exterior man/material lifts.

Recommended Ventilation & Pressurization Mitigation Strategies

- HEPA to exterior.
- Install temporary ductwork.
- Install temporary HVAC equipment.
- Vacate the area.
- Install temporary partitions.
- Use carbon filtration to filter odors.

Recommended Impact to Other Systems Mitigation Strategies

- Schedule outages.
- Provide temporary systems.
- Back-feed electricity or medical gases.

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Intermountain Health

6. Minimum Required Infection Control Precautions | Upon Completion of Work Activity

Class of Precautions	Mitigation Activities (Performed upon Completion of Work Activity)
Classes I, II and III	Cleaning: 1. Clean work areas including all environmental surfaces, high horizontal surfaces and flooring materials. 2. Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser surfaces. HVAC Systems: 1. Remove isolation of HVAC system in areas where work is being performed. Verify that HVAC systems are clean and operational. 2. Verify the HVAC systems meets original airflow and air exchange design specifications.
Classes III, IV and V	Class III (Type C) activities and Class IV precautions require inspection and documentation for downgraded ICRA precautions. Construction areas must be inspected by an infection preventionist or designee and engineering representative for discontinuation or downgrading of ICRA precautio Work Area Cleaning: 1. Clean work areas including all environmental surfaces, high horizontal surfaces and flooring materials. 2. Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser surfaces. Removal of Critical Barriers: 1. Critical barriers must remain in place during all work involving drywall removal, creation of dust and activities beyond simple touch-up work. The barrier may NOT be removed until a work area cleaning has been performed. 2. All (plastic or hard) barrier removal activities must be completed in a manner that prevents dust release. Use the following precautions when removing hard barriers: i. Carefully remove screws and painter tape. ii. If dust will be generated during screw removal, use hand-held HEPA vacuum. iii. Drywall cutting is prohibited during removal process. iv. Clean all stud tracks with HEPA vacuum before removing outer hard barrier. v. Use a plastic barrier to enclose area if dust could be generated. Negative Air Requirements: 1. The use of negative air must be designed to remove contaminates from the work area. 2. Negative air devices must remain operational at all times and in place for a period after completion of dust creating activities to remove contaminants from the work area and before removal of critical barriers. HVAC systems: 1. Upon removal of critical barriers, remove isolation of HVAC system in areas where work is being performed. 2. Verify that HVAC systems are clean and operational. 3. Verify the HVAC systems meets original airflow and air exchange design specifications.

Permit Approval

Please note that the IP signature below is approval of the work activity as described, assessed, and documented here. **Should the scope of work change or upon the discovery of additional toxic or biological substances, STOP WORK and seek additional approval and guidance before proceeding.**

Infection Preventionist Signature	BrieAnna Hatch	Digitally signed by BrieAnna Hatch Date: 2025.11.20 10:04:38 -07'00'

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Intermountain Health

Negative Pressure Log

Month/Year:		Project:	
Date	Initi	Pressure Reading (min -0.01 inWG)	Comments

*Optional form - use where applicable

Intermountain Health

Rounding Log

Date	Initials	Comments

*Optional form - use where applicable

DRAFT

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE #105
SALT LAKE CITY, UTAH 84102

STAMP

STATE OF UTAH
STEPHEN C. PERKINS
9023820
REGISTERED ARCHITECT
11/25/2025

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

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OWNER: 10020983

25 NOV 2025

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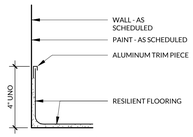
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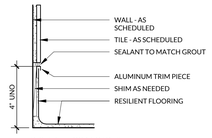
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MATERIAL TRANSITION DETAILS

RESILIENT FLOORING TRANSITIONS

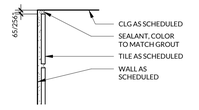


RESILIENT FLOORING TO WALL

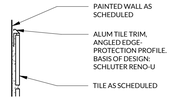


RESILIENT FLOORING TO TILE

WALL TILE TRANSITIONS



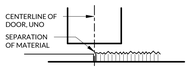
TILE TO CEILING



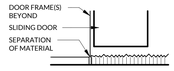
TILE TERMINATION

FLOORING FINISH TRANSITION DETAILS

SWING DOOR - TYPICAL TRANSITION STRIP LOCATION



SLIDING DOOR - TYPICAL TRANSITION STRIP LOCATION



METAL TRANSITION STRIPS

SHV TO CPT	MANUFACTURER:	KUBERIT TRANSITIONS
	TYPE:	KT-D, 2.5mm
	STYLE:	KT-D-025-A1.C
	FINISH:	ANODIZED ALUMINUM, SILVER



RUBBER TRANSITION STRIPS

LVT TO CPT	MANUFACTURER:	MANNINGTON COMMERCIAL
	TYPE:	3.2mm TRANSITION
	STYLE:	FUSION 721
	COLOR:	BLACKBROWN 523



FINISH MATERIALS LEGEND

ETR EXISTING FINISH TO REMAIN. CONTRACTOR TO PROTECT IN PLACE. ETR FINISHES DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE REPAIRED TO MATCH EXISTING FINISH.

FLOOR FINISHES		PRODUCT DESCRIPTION
CPT-01	DESCRIPTION:	CARPET TILE
	MANUFACTURER:	SHAWCONTRACT GROUP
	COLLECTION:	HAND DRAWN
	STYLE:	ST116, STIPPLE TILE
	COLOR:	13585 SLATE
	SIZE:	18"x36"
	INSTALLATION:	ASHLAR
LVT-01	DESCRIPTION:	LUXURY VINYL TILE
	MANUFACTURER:	MANNINGTON COMMERCIAL
	COLLECTION:	NO RESERVATIONS XPRESS
	STYLE:	ABSTRACT
	COLOR:	VAST NR302
	SIZE:	6"x36"
	INSTALLATION:	ASHLAR
SHV-01	DESCRIPTION:	SLIP-RESISTANT SHEET VINYL
	MANUFACTURER:	TARKETT
	COLLECTION:	iQ GRANIT
	COLOR:	0323 LIGHT SAND CB
SHV-02	DESCRIPTION:	SLIP-RESISTANT SHEET VINYL
	MANUFACTURER:	TARKETT
	COLLECTION:	iQ OPTIMA
	COLOR:	0807 DARK SAND

WALL BASE FINISHES		PRODUCT DESCRIPTION
CVB-01	DESCRIPTION:	COVED SHEET VINYL BASE
	MANUFACTURER:	TARKETT
	COLOR:	MATCH ADJACENT FLOORING FINISH SELECTION AND PATTERN
	INSTALLATION:	4" HIGH WITH ALUM TRIM PIECE
CVB-02	DESCRIPTION:	COVED SHEET VINYL BASE
	MANUFACTURER:	TARKETT
	COLOR:	MATCH ADJACENT FLOORING FINISH SELECTION AND PATTERN
	INSTALLATION:	6" HIGH WITH ALUM TRIM PIECE
RBB-01	DESCRIPTION:	SCULPTURED RUBBER WALL BASE
	MANUFACTURER:	MANNINGTON COMMERCIAL
	COLLECTION:	EDGE EFFECTS
	STYLE:	SIMPLICITY (EESIM)
	COLOR:	BLACKBROWN 523
	INSTALLATION:	4" HIGH, 36' ROLL

WALL PROTECTION		PRODUCT DESCRIPTION
CGD-01	DESCRIPTION:	90° SURFACE-MTD CORNER GUARD
	MANUFACTURER:	CONSTRUCTION SPECIALTIES
	COLLECTION:	ACROVYN CORNER GUARD
	STYLE:	SSM-20N
	COLOR:	934 PEARL
	SIZE:	2" LEG x 48" HIGH
	INSTALLATION:	ABOVE WALL BASE, ADHESIVE MOUNT
WPN-01	DESCRIPTION:	SURFACE-MTD WALL PROTECTION
	MANUFACTURER:	CONSTRUCTION SPECIALTIES
	COLLECTION:	ACROVYN WALL COVERING
	STYLE:	.040" THICKNESS, SUEDE TEXTURE
	COLOR:	DRIFTWOOD #262
	SIZE:	48" HIGH
	INSTALLATION:	ABOVE WALL BASE, MINIMIZING PANEL JOINT QTY. CENTER ALL JOINT LAYOUTS ALONG LENGTH OF WALL. FINISH ALL PANEL EDGES AND JOINTS W/MATCHING ACROVYN TRIM PIECE.

WALL FINISHES		PRODUCT DESCRIPTION
PNT-01	DESCRIPTION:	LOW-VOC INT ACRYLIC LATEX PAINT
	MANUFACTURER:	SHERWIN WILLIAMS
	COLOR:	WORLDLY GRAY, SW 7043
	FINISH:	SEMI-GLOSS
	GENERAL LOCATION:	TYPICAL WALLS
PNT-02	DESCRIPTION:	LOW-VOC INT ACRYLIC LATEX PAINT
	MANUFACTURER:	SHERWIN WILLIAMS
	COLOR:	DISTANCE, SW 6243
	FINISH:	SEMI-GLOSS
	GENERAL LOCATION:	ACCENT WALLS IN EXAMS & PROCEDURE
PWT-01	DESCRIPTION:	PORCELAIN WALL TILE
	MANUFACTURER:	UNITED TILE, CROSSVILLE
	COLLECTION:	NOTORIOUS
	COLOR:	NTR05 LEADING MAN
	SIZE:	3"x15"
	FINISH:	UNPOLISHED WITH CROSS-SHEEN
	GROUT:	MAPEI ULTRACOLOR PLUS
	GROUT:	107 IRON
	INSTALLATION:	1/2 RUNNING BOND, VERTICAL
	GENERAL LOCATION:	PATIENT TLT

DOOR FINISHES		PRODUCT DESCRIPTION
FLM-01	DESCRIPTION:	GLASS FINISH FILM
	MANUFACTURER:	3M
	SERIES:	FASARA GRADATION
	PATTERN NAME:	CLOUD
	PRODUCT CODE:	SH2FGCL
	WIDTH:	60"
	INSTALLATION:	TOP OF FILM 72" AFF
FPT-01	DESCRIPTION:	LOW-VOC INT ACRYLIC LATEX PAINT
	MANUFACTURER:	SHERWIN WILLIAMS
	COLOR:	PORPOISE, SW 7047
	FINISH:	SEMI-GLOSS
	GENERAL LOCATION:	HOLLOW MTL FRAMES AND TRIM
FPT-02	DESCRIPTION:	PAINTED PVDF HARDCOAT
	MANUFACTURER:	ARKEMA
	SERIES:	KYNAR (AAMA 2604)
	FINISH:	LIGHT SEQUIN
	GENERAL LOCATION:	SLIDING DOOR FRAME AND TRIM, APPLIED BY DOOR MFR
GLZ-01	DESCRIPTION:	INTERIOR GLAZING
	TYPE:	TEMPERED SAFETY GLASS
	SIZE:	1/4"
	FINISH:	CLEAR
	GENERAL LOCATION:	NONRATED DOOR LITES
WDV-01	DESCRIPTION:	WOOD VENEER
	MANUFACTURER:	OSHKOSH DOOR COMPANY
	SPECIES:	MATCH (E) SPECIES
	FINISH:	CLEAR COAT TO MATCH (E) FINISH, FINAL APPROVAL BY ARCHITECT
	GENERAL LOCATION:	FLUSH & SLIDING DOOR PANELS

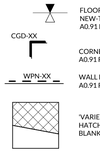
CABINET FINISHES		PRODUCT DESCRIPTION
PLM-01	DESCRIPTION:	DECORATIVE PLASTIC LAMINATE
	MANUFACTURER:	WILSONART
	STYLE:	PREMIUM LAMINATE
	COLOR:	3056-VT MYSTIC WOOD
	FINISH:	28 GLOSS LINE
	LOCATIONS:	EXAM & PROCEDURE
PLM-02	DESCRIPTION:	DECORATIVE PLASTIC LAMINATE
	MANUFACTURER:	WILSONART
	STYLE:	PREMIUM LAMINATE
	COLOR:	8213K-28 PHANTOM COCOA
	FINISH:	28 GLOSS LINE
	LOCATIONS:	POC & VACCINE DRAW STATION
SSF-01	DESCRIPTION:	SOLID SURFACE
	MANUFACTURER:	DUPONT CORIAN
	COLOR:	WHITE JASMINE
	PROFILE:	SQUARE, 1-1/2" HIGH
	LOCATION:	EXAM & PROCEDURE COUNTERTOPS, NEW WINDOW SILLS
SSF-02	DESCRIPTION:	SOLID SURFACE
	MANUFACTURER:	DUPONT CORIAN
	COLOR:	NEUTRAL CONCRETE
	PROFILE:	SQUARE, 1-1/2" HIGH
	LOCATION:	POC & VACCINE DRAW COUNTERTOP

CEILING FINISHES		PRODUCT DESCRIPTION
ACT-01	DESCRIPTION:	ACOUSTIC CEILING TILE
	MANUFACTURER:	ARMSTRONG
	STYLE:	ULTIMA HEALTH ZONE HIGH NRC
	PROFILE:	SQUARE LAY-IN
	PANEL COLOR:	WHITE
	PANEL SIZE:	24"x24"
	SUSPENSION:	PRELUDE XL 15/16" GRID
ACT-02	DESCRIPTION:	ACOUSTIC CEILING TILE
	MANUFACTURER:	ARMSTRONG
	STYLE:	ULTIMA HEALTH ZONE HIGH NRC
	PROFILE:	SQUARE LAY-IN
	PANEL COLOR:	WHITE
	PANEL SIZE:	24"x48"
	SUSPENSION:	PRELUDE XL 15/16" GRID
GBC-01	DESCRIPTION:	PAINTED GYPSUM BOARD CEILING
	MANUFACTURER:	SHERWIN WILLIAMS
	COLOR:	PURE WHITE, SW 7005
	FINISH:	EG-SHEL
	SUSPENSION:	METAL FRAMING SYSTEM
RSM-01	DESCRIPTION:	DUAL MANUAL ROLLER SHADE
	MANUFACTURER:	MECHOSHADE
	SYSTEM:	MECHO/S DOUBLESHADE
	SHADE CLOTH 1:	3% OPEN, SOHO 1600 SERIES
	SHADE COLOR 1:	1603 LIGHT GREY
	SHADE CLOTH 2:	CLASSIC BLACKOUT 0700 SERIES
	SHADE COLOR 2:	0702 LIGHT GREY
	POCKET CLOSURE COLOR:	WHITE, DoubleShade NO. 15 BRACKET
RSM-02	DESCRIPTION:	SINGLE MANUAL ROLLER SHADE
	MANUFACTURER:	MECHOSHADE
	SYSTEM:	MECHO/S
	SHADE CLOTH:	3% OPEN, SOHO 1600 SERIES
	SHADE COLOR:	1603 LIGHT GREY
	POCKET CLOSURE COLOR:	WHITE, STANDARD BRACKET

INTERIOR FINISHES GENERAL NOTES

1. PROVIDE FINISHES AS INDICATED IN THE FINISH LEGEND. REFER TO INTERIOR ELEVATIONS (WHERE DRAWN) FOR CLARIFICATION, DIMENSIONS, AND ADDITIONAL INFORMATION. THE ABSENCE OF AN INTERIOR ELEVATION DOES NOT OVERRIDE THE REQUIREMENT TO PROVIDE THE FINISH INDICATED IN THE FINISH LEGEND.
2. ALL INTERIOR NON-ACCENT WALL PAINT SHALL BE PNT-01, UNO.
3. WHERE NEW FINISHES ARE SCHEDULED, CONTRACTOR SHALL REMOVE AND REINSTALL ALL (E) ELEMENTS, INCLUDING BUT NOT LIMITED TO MEP FIXTURES, EQUIPMENT, ACCESSORIES, AND COVER PLATES.
4. UNFINISHED OR PRIME-FINISHED METALS TO BE PAINTED, COLOR SELECTED BY THE ARCHITECT.
5. FINISHES INDICATED WITH 'ETR' INDICATE EXISTING FINISHES TO REMAIN. CONTRACTOR SHALL PROTECT ALL ETR FINISHES IN PLACE AND REPAIR/REPLACE ANY DAMAGED DURING DEMOLITION OR CONSTRUCTION ACTIVITIES.
6. ALL GYP BD SHALL BE LEVEL 5 FINISH, UNO.
7. WELDING RODS AT WELDED SEAMS IN SHEET VINYL SHALL MATCH THE DARKER OF THE SHEET VINYL COLORS WHERE TWO COLORS INTERSECT, UNO.
8. WHEN SHOWN, INSTALL INTEGRAL BASE TO A HEIGHT OF 4", UNO.
9. REFER TO A0.91 FOR FLOORING AND FINISHES TRANSITION DETAILS.
10. BULKHEADS, SOFFITS, AND FURR DOWNS TO BE FINISHED WITH THE SAME MATERIAL OR PAINT TO MATCH ADJACENT FINISHES.
11. ALL MATERIALS AND FINISHES SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS, INCLUDING SUBSTRATE PREPARATION.
12. WIREWAYS AND ACCESS TO BE FINISHED TO MATCH ADJACENT SURFACE, UNLESS NOT ALLOWED BY CODE.
13. ALL FLOORING SHALL BE INSTALLED PERPENDICULAR TO WALLS, UNO.
14. WHERE ATYPICAL CONDITIONS OCCUR, CONTRACTOR TO VERIFY FINISH WITH ARCHITECT PRIOR TO PROCEEDING.
15. CONTINUE ALL FLOORING MATERIALS BENEATH ALL CASEWORK, MILLWORK, AND FURNITURE, INCLUDING KNEE SPACES, UNO.
16. ALL EXPOSED OUTSIDE EDGES IN PORCELAIN TILE AND CERAMIC TILE SHALL RECEIVE METAL TRIM, REFER TO A0.91 FOR INFORMATION.

FINISH FLOOR TRANSITION SYMBOLS



FLOOR FINISH TRANSITION, NEW-TO-EXISTING, REF TO A0.91 FOR TYPES AND DETAILS

FLOOR FINISH TRANSITION, NEW-TO-NEW, REF TO A0.91 FOR TYPES AND DETAILS

CORNER GUARDS, REF TO A0.91 FOR TYPES AND DETAILS

ROOM FINISH TAG - REF TO A0.91 FOR SCHEDULE

WALL PROTECTION, REF TO A0.91 FOR TYPES AND DETAILS

FLOOR FINISH

BASE FINISH

'VARIES' HATCH INDICATES SHV-01 BLANK AREA INDICATES SHV-02

ACCENT PAINT FINISH EXTENT

FINISH WALL TRANSITION SYMBOLS

WALL FINISH TRANSITION (NEW-EXISTING), REF TO A0.91 FOR PRODUCT INFO

WALL FINISH TRANSITION (NEW-NEW), REF TO A0.91 FOR PRODUCT INFO

ACCENT PAINT FINISH EXTENT

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE #105
SALT LAKE CITY, UTAH 84102

STAMP

STATE OF UTAH
STEPHEN C. PUGSLEY
#023820
LICENSED ARCHITECT
11/25/2025

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE

INCLINE: 25-030
OWNER: 10020983

25 NOV 2025

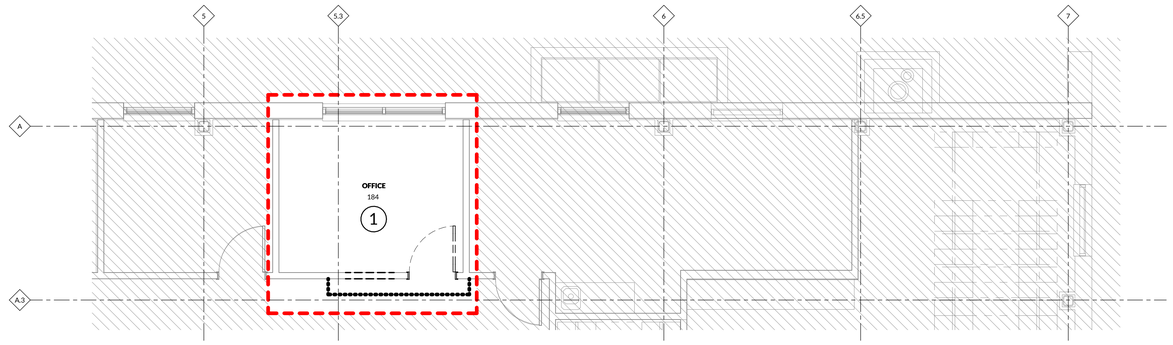
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INTERIOR FINISHES LEGEND AND DETAILS

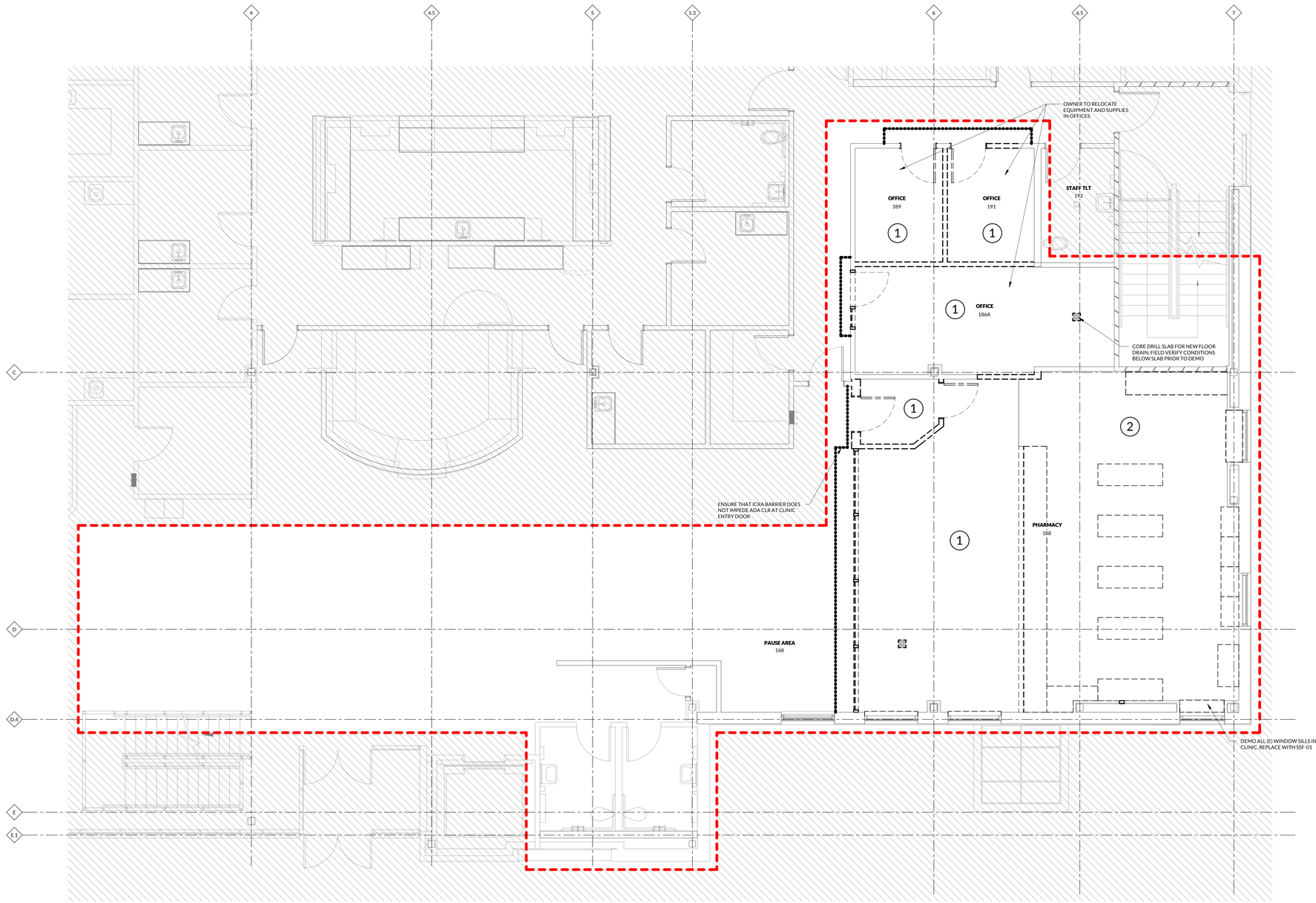
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02 LEVEL 01 DEMO PLAN - OFFICE
1/4" = 1'-0"



01 LEVEL 01 DEMO PLAN
1/4" = 1'-0"

DEMOLITION GENERAL NOTES

1. REFER TO SPECIFICATION SECTION 02 4119 - SELECTIVE DEMOLITION FOR SPECIFIC PROJECT REQUIREMENTS.
2. REFER TO DEMOLITION SYMBOLS LEGEND ON DRAWINGS.
3. REFER TO PHASING DIAGRAM ON A0.01 FOR PROPOSED SEQUENCING OF WORK. CONTRACTOR TO COORDINATE DEMOLITION WORK SEQUENCE.
4. DEMOLITION DRAWINGS REPRESENT EXISTING CONDITIONS BASED ON LIMITED EXISTING DRAWINGS AND SITE OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING BUILDING AND SITE CONDITIONS.
5. DEMOLITION DRAWINGS GENERALLY INDICATE EXISTING SCOPE OF WORK TOBE DEMOLISHED AND ARE NOT INTENDED TO LIMIT OR FULLY DEFINE THE SCOPE OF WORK TO BE REMOVED IN ORDER TO ACCOMPLISH SCOPE OF NEW CONSTRUCTION. WHERE THESE CONDITIONS OCCUR OUTSIDE OF THE DEMOLITION LIMITS, AREAS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION AS PART OF THE NEW CONSTRUCTION SCOPE OF WORK.
6. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY CONFLICTS BETWEEN EXISTING CONSTRUCTION AND CONSTRUCTION DOCUMENTS.
7. REFERENCE MEP DRAWINGS FOR CORRESPONDING DEMOLITION SCOPE OF WORK IN OTHER DISCIPLINES.
8. PATCH AND REPAIR EXISTING WALLS AND SURROUNDING FINISHES WHERE WALL-MOUNTED DEVICES, FIXTURES, OR OTHER WALL-MOUNTED ITEMS ARE DEMOLISHED.
9. ALL WALLS TO RECEIVE NEW PAINT SHALL BE PREPARED FOR A LEVEL 5 GYP BD FINISH.
10. WHERE EXISTING WALL-MOUNTED DEVICES, FIXTURES, OR OTHER WALL-MOUNTED ITEMS ARE SCHEDULED TO BE SALVAGED, REFERENCE CONSTRUCTION DRAWINGS FOR NEW LOCATIONS OR COORDINATE WITH OWNER FOR STORAGE LOCATION.
11. FOR WALLS THAT ARE SCHEDULED TO BE REMOVED, DEMOLITION SCOPE SHALL INCLUDE MISCELLANEOUS BRACING, TRACK, ETC. TO BOTTOM OF STRUCTURE ABOVE.
12. CONTRACTOR SHALL MAINTAIN ALL REQUIRED EXITS UNOBSTRUCTED, ILLUMINATED, AND PROTECTED FROM CONSTRUCTION ACTIVITIES.
13. CONTRACTOR SHALL CLEAN ALL AREAS ADJACENT TO DEMOLITION WORK OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS.
14. PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON SITE. TRANSPORT DEMOLISHED MATERIALS AND LEGALLY DISPOSE OF THEM.
15. CONTRACTOR TO REMOVE ALL EXISTING FURNITURE, MINOR EQUIPMENT, AND WALL-MOUNTED ACCESSORIES FROM DEMOLITION PROJECT AREA.
16. CONTRACTOR TO REMOVE ALL EXISTING PLUMBING AND ELECTRICAL FIXTURES, EQUIPMENT, AND COVER PLATES WHERE NEW FINISHES ARE SCHEDULED.
17. DEMOLISH ALL SPRINKLERS WITHIN AREA OF WORK.

DEMOLITION LEGEND

- (E) DOOR TO REMAIN
- DEMO DOOR
- (E) ACT CLG TO REMAIN
- DEMO CLG AND GRID
- DEMO CLG GRID AND SALVAGE ALL FULL-SIZE CLG TILES FOR REUSE IN NEW CONSTRUCTION WHERE INDICATED
- DEMO SLAB FOR FLOOR DRAIN/BOX
- 1 DEMO (E) CARPET
- 2 DEMO (E) LVT
- (E) EXIT SIGN TO REMAIN
- DEMO RECESSED DOWNLIGHT
- DEMO 2x4 TROFFER LIGHT FIXTURE
- DEMO 1x2 RETURN GRILLE
- DEMO 2x2 RETURN GRILLE
- DEMO 2x2 SUPPLY DIFFUSER
- EXISTING FIRE SPRINKLER TO REMAIN
- PROPOSED ICRA BARRIER FROM FLOOR TO DECK ABOVE
- (E) WALL TO REMAIN
- (E) WALL DEMO

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BHB ENGINEERS
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SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE

INCLINE: 25-030
OWNER: 10020983

25 NOV 2025

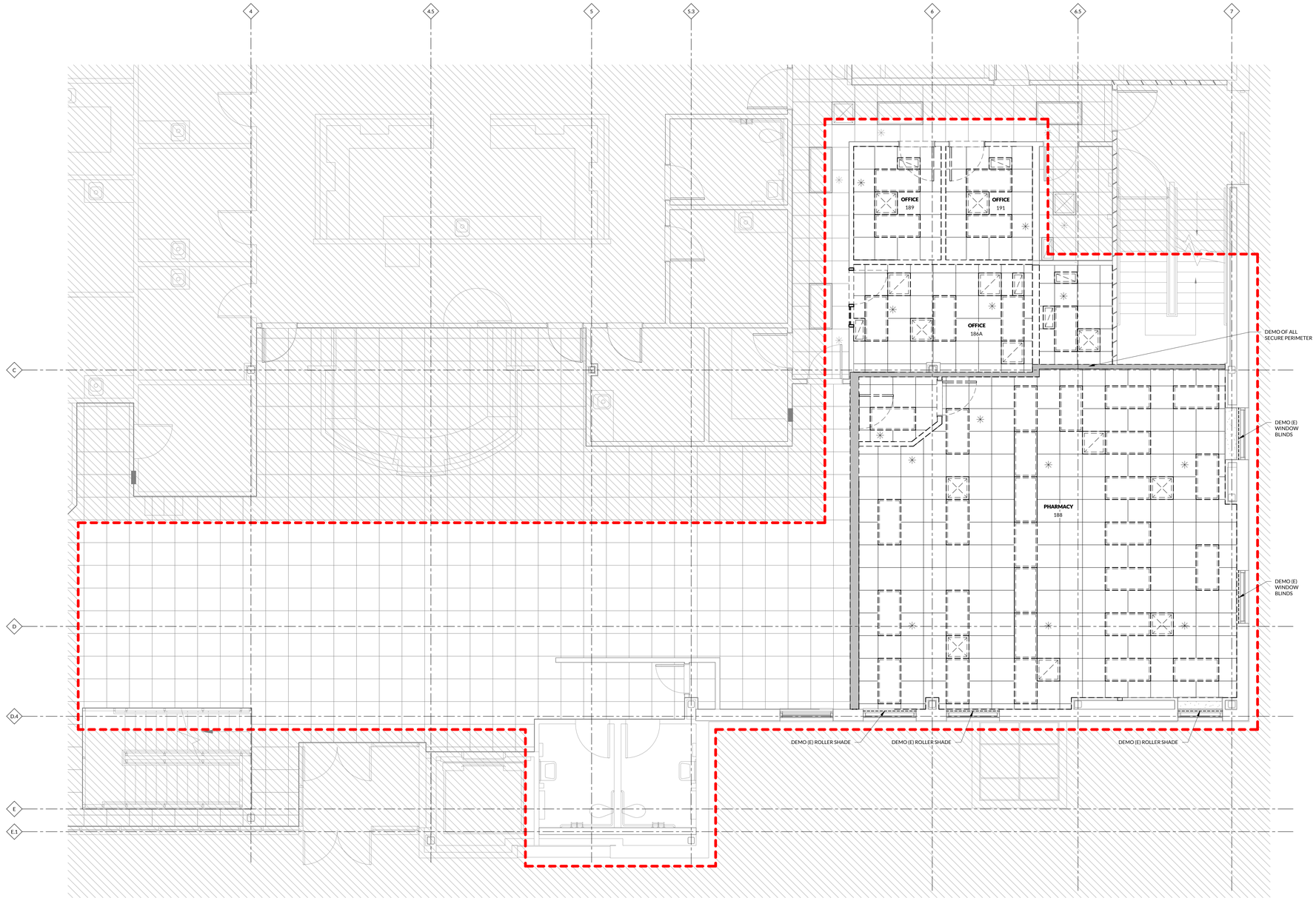
PERMIT SET

DEMOLITION PLANS

A2.01

PLOT DATE:
11/25/2025 3:48:07 PM

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01 LEVEL 01 DEMO RCP
1/4" = 1'-0"

DEMOLITION GENERAL NOTES

1. REFER TO SPECIFICATION SECTION 02 4119 - SELECTIVE DEMOLITION FOR SPECIFIC PROJECT REQUIREMENTS.
2. REFER TO DEMOLITION SYMBOLS LEGEND ON DRAWINGS.
3. REFER TO PHASING DIAGRAM ON A0.01 FOR PROPOSED SEQUENCING OF WORK. CONTRACTOR TO COORDINATE DEMOLITION WORK SEQUENCE.
4. DEMOLITION DRAWINGS REPRESENT EXISTING CONDITIONS BASED ON LIMITED EXISTING DRAWINGS AND SITE OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING BUILDING AND SITE CONDITIONS.
5. DEMOLITION DRAWINGS GENERALLY INDICATE EXISTING SCOPE OF WORK TOBE DEMOLISHED AND ARE NOT INTENDED TO LIMIT OR FULLY DEFINE THE SCOPE OF WORK TO BE REMOVED IN ORDER TO ACCOMPLISH SCOPE OF NEW CONSTRUCTION. WHERE THESE CONDITIONS OCCUR OUTSIDE OF THE DEMOLITION LIMITS, AREAS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION AS PART OF THE NEW CONSTRUCTION SCOPE OF WORK.
6. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY CONFLICTS BETWEEN EXISTING CONSTRUCTION AND CONSTRUCTION DOCUMENTS.
7. REFERENCE MEP DRAWINGS FOR CORRESPONDING DEMOLITION SCOPE OF WORK IN OTHER DISCIPLINES.
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17. DEMOLISH ALL SPRINKLERS WITHIN AREA OF WORK.

DEMOLITION LEGEND

- (E) DOOR TO REMAIN
- DEMO DOOR
- (E) ACT CLG TO REMAIN
- DEMO CLG AND GRID
- DEMO CLG GRID AND SALVAGE ALL FULL-SIZE CLG TILES FOR REUSE IN NEW CONSTRUCTION WHERE INDICATED
- DEMO SLAB FOR FLOOR DRAIN/BOX
- (1) DEMO (E) CARPET
- (2) DEMO (E) LVT
- (E) EXIT SIGN TO REMAIN
- DEMO RECESSED DOWNLIGHT
- DEMO 2x4 TROFFER LIGHT FIXTURE
- DEMO 1x2 RETURN GRILLE
- DEMO 2x2 RETURN GRILLE
- DEMO 2x2 SUPPLY DIFFUSER
- EXISTING FIRE SPRINKLER TO REMAIN
- PROPOSED ICRA BARRIER FROM FLOOR TO DECK ABOVE
- (E) WALL TO REMAIN
- (E) WALL DEMO

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REVISIONS

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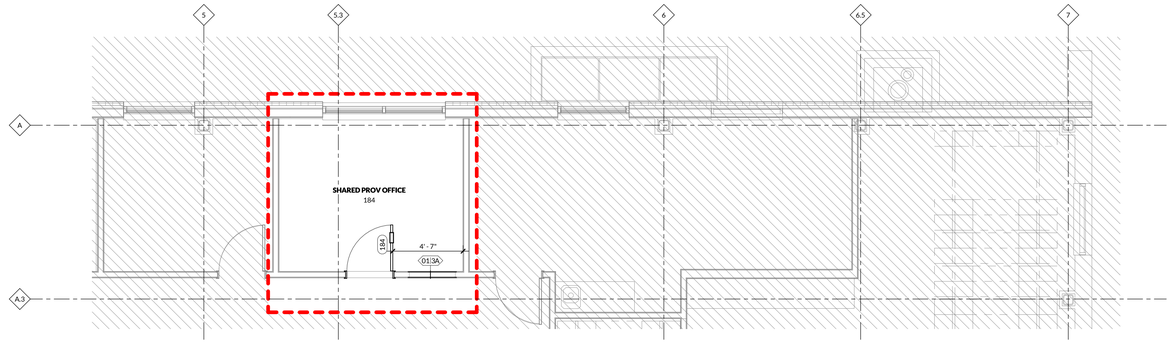
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DEMOLITION RCP

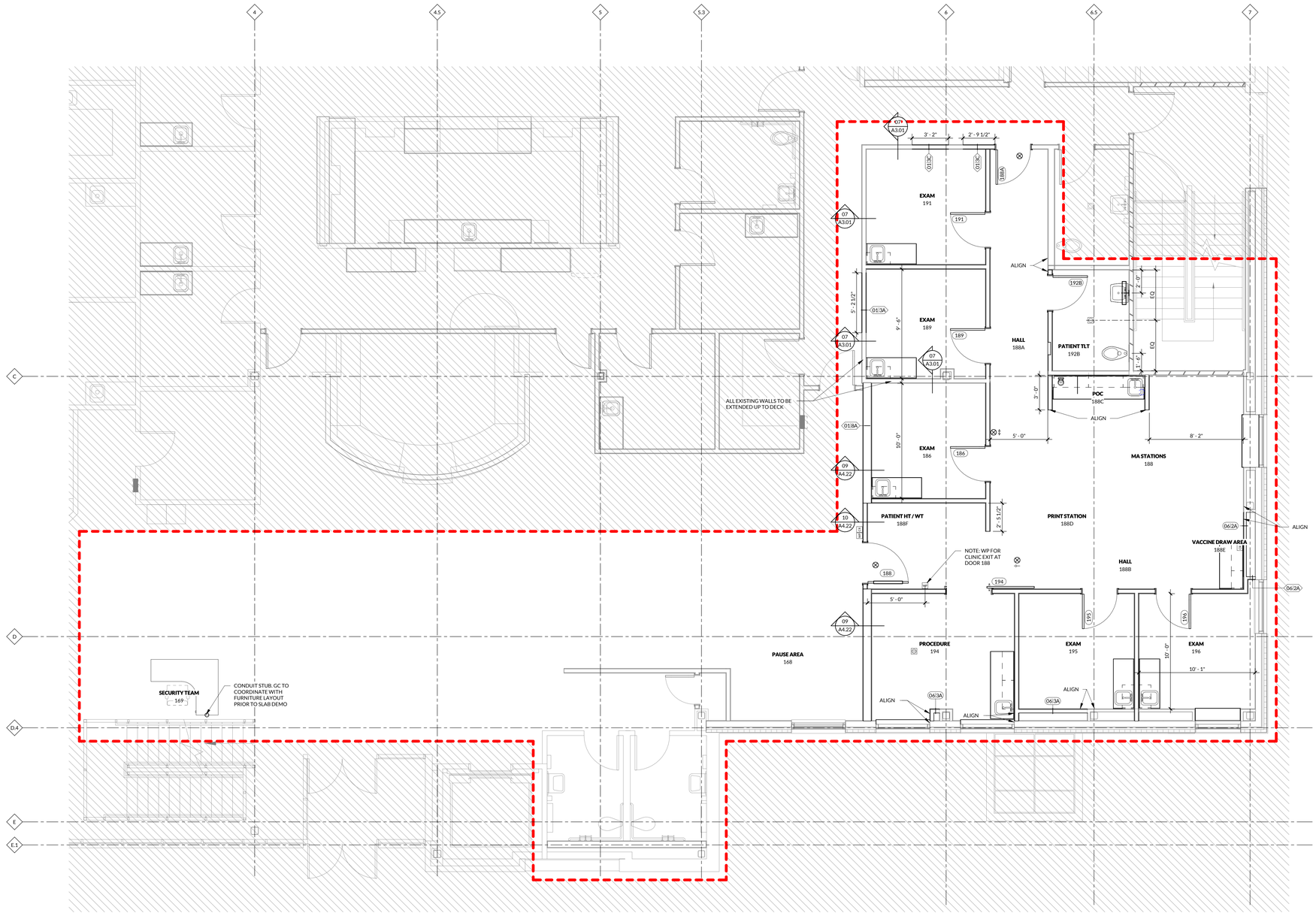
A2.02

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02 LEVEL 01 DIMENSIONAL PLAN - OFFICE

1/4" = 1'-0"



01 LEVEL 01 DIMENSIONAL PLAN

1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. WALLS ARE DISTINGUISHED ON FLOOR PLANS BY SYMBOL DESIGNATION, GRAPHIC DESIGNATION, OR A COMBINATION OF BOTH DESIGNATIONS.
2. DIMENSIONS ARE TO FINISH FACE OF WALL, UNO. REFER TO PARTITION SCHEDULES FOR PARTITION WIDTH DIMENSIONS, UNO ON PLAN.
3. WALLS SHALL BE TYPE 01-3A NONRATED WITH SOUND ATTENUATION, UNO. REFER TO SHEET A3.01 FOR WALL INFORMATION AND DETAILS.
4. ALL DOORS ARE 4" FROM FINISH FACE OF ADJACENT WALL ON HINGE SIDE, UNO.
5. EXAM ROOMS, PROCEDURE ROOMS, AND ROOMS DEDICATED FOR PATIENT TREATMENT TO HAVE A MINIMUM STC RATING OF 45 AT ALL WALLS, DOORS, AND DOOR FRAMES.
6. ALL FURNITURE SHOWN DASHED SHALL BE OFOI.
7. REFER TO SHEET A0.91 FOR FINISH INFORMATION AND SCHEDULES.
8. REFER TO SHEET A3.01 FOR WALL INFORMATION AND DETAILS.
9. REFER TO SHEET A3.11 FOR ACCESSORY & EQUIPMENT MOUNTING DIAGRAMS, WALL PROTECTION TYPES, AND DETAILS.
10. REFER TO SHEET A3.21 FOR DOOR INFORMATION, SCHEDULE, AND DETAILS.
11. REFER TO SHEET A3.31 FOR CASEWORK INFORMATION, NOTES, AND DETAILS.
12. REFER TO OWNER-PROVIDED EQUIPMENT BOOK FOR EQUIPMENT INFORMATION.
13. CONTRACTOR SHALL COORDINATE WORK AFFECTING ADJACENT SPACES TO BE COMPLETED DURING OFF-HOURS. COORDINATE SPECIFIC HOURS AND SCHEDULE WITH OWNER AND AFFECTED DEPARTMENTS.
14. CONTRACTOR SHALL INSTALL AND COORDINATE ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER GUIDELINES AND CORRESPONDING UTILITY CONNECTIONS.
15. ALL NEW WALLS IN PLANE WITH (E) WALLS SHALL ALIGN.
16. GENERAL CONTRACTOR TO REPAIR AND/OR ADD FIREPROOFING TO AREAS THAT HAVE BEEN DAMAGED OR REMOVED DUE TO DEMOLITION AND/OR CONSTRUCTION PER THE PROJECT'S SCOPE OF WORK.
17. OCCUPANCY HAZARD CLASSIFICATION IN AREA OF WORK TO REMAIN UNCHANGED.

FLOOR PLAN SYMBOLS

- NEW CONSTRUCTION
- EXISTING TO REMAIN
- WALL - REF TO A3.01 FOR DETAILS
- DOOR - REF TO A3.11 FOR DETAILS
- UPPER CABINET
- COUNTERTOP
- FLOORING TRANSITION (NEW-NEW), REF TO A0.91 FOR PRODUCT INFO
- FLOORING TRANSITION (NEW-EXISTING), REF TO A0.91 FOR PRODUCT INFO
- FLOOR DRAIN, REF PLUMB DRAWINGS
- FLOOR OUTLET, REF ELEC DRAWINGS
- ACCESSORY / EQUIP - REF TO A3.11
- ACCESSORY / EQUIP CLEARANCE
- ROOM NAME / NUMBER (ROOM NAME XXXXX)
- ACCESSORY / EQUIP - REF TO A3.11 FOR INFO (XXX)
- WALL TYPE WITH NO SOUND ATTENUATION (01|3A)
- WALL TYPE WITH SOUND ATTENUATION (01|3A)
- DOOR TAG - REF TO A3.21 FOR SCHEDULE (XXXX)
- ROOM FINISH TAG - REF TO A0.91 FOR SCHEDULE (ROOM NAME XXXXX)
- FLOOR FINISH (XXX.XX)
- BASE FINISH (XXX.XX)

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RESOLUT GROUP
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MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE

INCLINE: 25-030
OWNER: 10020983

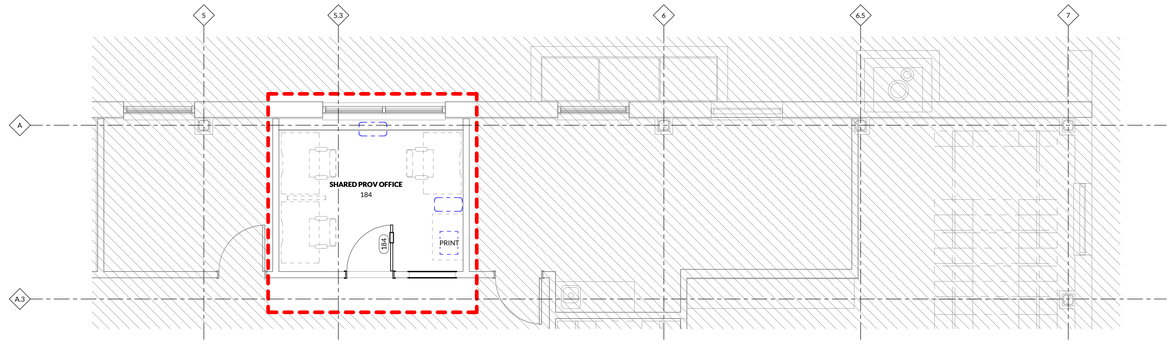
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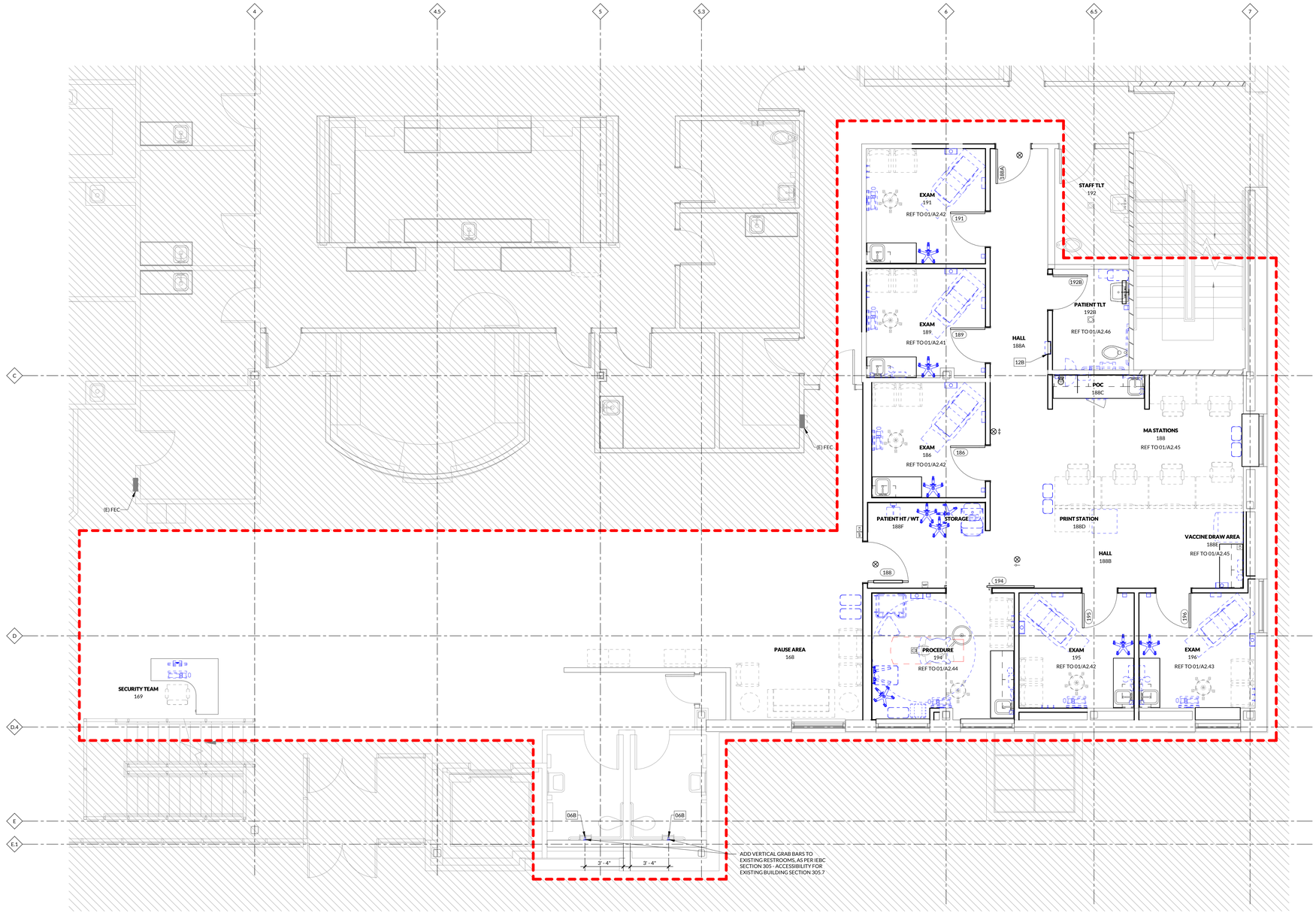
DIMENSIONAL FLOOR PLAN

A2.11

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02 LEVEL 01 FLOOR PLAN
1/4" = 1'-0"



01 LEVEL 01 FLOOR PLAN
1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

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8. REFER TO SHEET A3.01 FOR WALL INFORMATION AND DETAILS.
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10. REFER TO SHEET A3.21 FOR DOOR INFORMATION, SCHEDULE, AND DETAILS.
11. REFER TO SHEET A3.31 FOR CASEWORK INFORMATION, NOTES, AND DETAILS.
12. REFER TO OWNER-PROVIDED EQUIPMENT BOOK FOR EQUIPMENT INFORMATION.
13. CONTRACTOR SHALL COORDINATE WORK AFFECTING ADJACENT SPACES TO BE COMPLETED DURING OFF-HOURS. COORDINATE SPECIFIC HOURS AND SCHEDULE WITH OWNER AND AFFECTED DEPARTMENTS.
14. CONTRACTOR SHALL INSTALL AND COORDINATE ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER GUIDELINES AND CORRESPONDING UTILITY CONNECTIONS.
15. ALL NEW WALLS IN PLANE WITH (E) WALLS SHALL ALIGN.
16. GENERAL CONTRACTOR TO REPAIR AND/OR ADD FIRE PROOFING TO AREAS THAT HAVE BEEN DAMAGED OR REMOVED DUE TO DEMOLITION AND/OR CONSTRUCTION PER THE PROJECT'S SCOPE OF WORK.
17. OCCUPANCY HAZARD CLASSIFICATION IN AREA OF WORK TO REMAIN UNCHANGED.

REMODEL GENERAL NOTES

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS & CONDITIONS AT THE SITE BEFORE SUBMITTING A BID OR PROCEEDING WITH ANY PORTION OF THE WORK.
2. CUT AND PATCH EXISTING BUILDING CONSTRUCTION AS REQUIRED. CUTTING AND DRILLING OF STRUCTURAL MEMBERS NOT DETAILED REQUIRES THE WRITTEN PERMISSION OF THE STRUCTURAL ENGINEER.
3. WHENEVER QUESTIONS ARISE OR CONDITIONS ARE ENCOUNTERED WHICH ARE NOT COVERED BY OR ARE IN CONFLICT WITH THE CONTRACT DOCUMENTS, CONSULT WITH THE ARCHITECT PRIOR TO TAKING ANY FURTHER ACTION.
4. CONTRACTOR SHALL RELOCATE EXISTING MECHANICAL AND ELECTRICAL AS REQUIRED FOR INSTALLATION OF NEW WORK.
5. ALL DEMOLISHED OR REMOVED EXISTING MATERIAL SHALL BE LEGALLY DISPOSED OF BY THE CONTRACTOR, UNLESS OTHERWISE NOTED.
6. EXISTING MATERIAL NOTED TO BE RETURNED TO THE OWNER SHALL BE REMOVED BY CONTRACTOR; CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR TIMING OF DELIVERY TO OWNER.
7. THE CONTRACTOR SHALL COORDINATE PHASING OF THE WORK WITH THE OWNER AND ARCHITECT TO MEET THE OWNERS SCHEDULE.
8. ALL CONSTRUCTION ACTIVITY IS TO BE CONTAINED WITHIN CONSTRUCTION BARRICADES OR FENCES. CONTRACTORS SHALL PROTECT OWNER'S EXIST. CONSTRUCTION ADJ. TO NEW CONSTRUCTION. AFTER WORK OF THIS CONTRACT, CLEAN EXISTING AREAS IMPACTED BY THE WORK TO THE OWNER'S SATISFACTION.
9. CONTRACTOR SHALL REPAIR OR REPLACE EXISTING CONSTRUCTION DAMAGED BY NEW CONSTRUCTION. MATCH EXISTING SURFACE FINISH OR MATERIAL.

FLOOR PLAN SYMBOLS

- NEW CONSTRUCTION
- EXISTING TO REMAIN
- WALL - REF TO A3.01 FOR DETAILS
- DOOR - REF TO A3.11 FOR DETAILS
- UPPER CABINET
- COUNTERTOP
- FLOORING TRANSITION (NEW-NEW), REF TO A0.91 FOR PRODUCT INFO
- FLOORING TRANSITION (NEW-EXISTING), REF TO A0.91 FOR PRODUCT INFO
- FLOOR DRAIN, REF PLUMB DRAWINGS
- FLOOR OUTLET, REF ELEC DRAWINGS
- ACCESSORY / EQUIP - REF TO A3.11
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- WALL TYPE WITH NO SOUND ATTENUATION (01|3A)
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- DOOR TAG - REF TO A3.21 FOR SCHEDULE (XXXX)
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- FLOOR FINISH (XXX-XX)
- BASE FINISH (XXX-XX)

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REVISIONS

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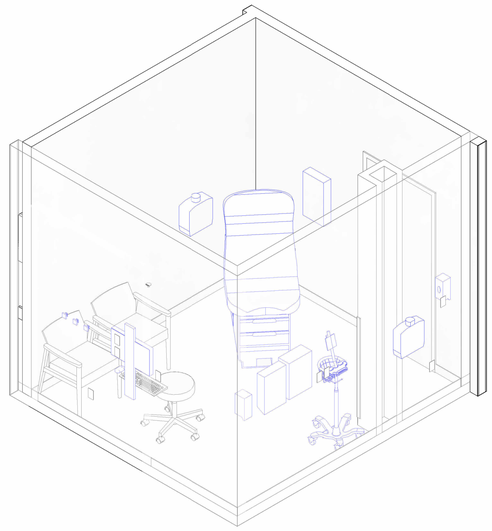
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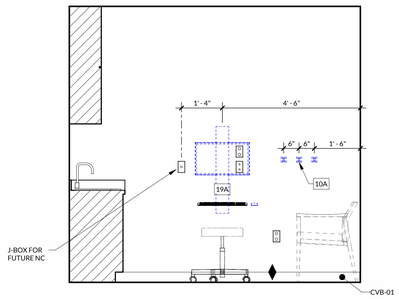
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FLOOR PLAN & DETAILS

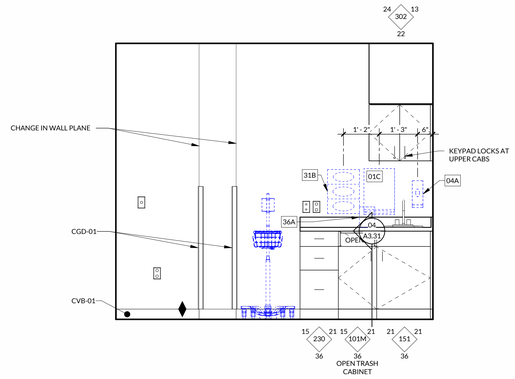
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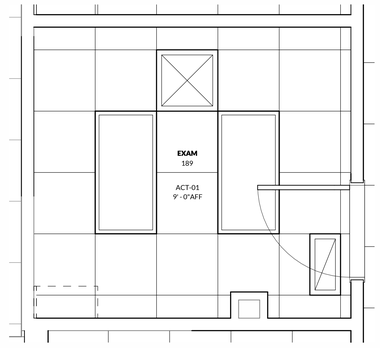




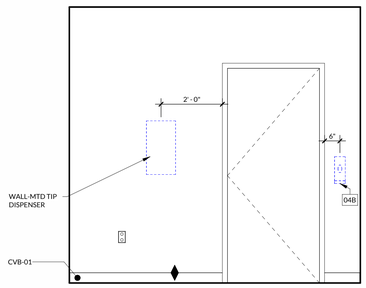
06 EXAM 189 - WEST
1/2" = 1'-0"



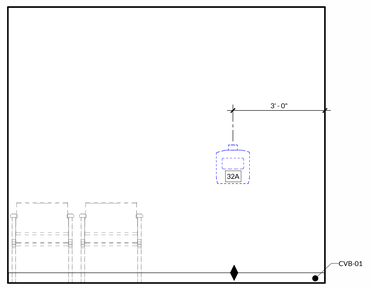
05 EXAM 189 - SOUTH
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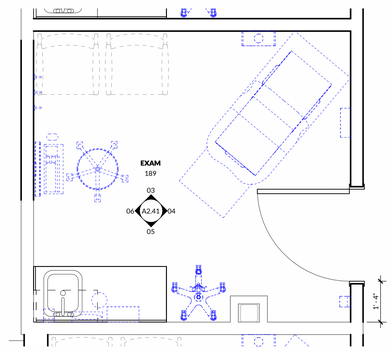
02 EXAM 189 RCP
1/2" = 1'-0"



04 EXAM 189 - EAST
1/2" = 1'-0"



03 EXAM 189 - NORTH
1/2" = 1'-0"



01 EXAM 189 PLAN
1/2" = 1'-0"

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10023820
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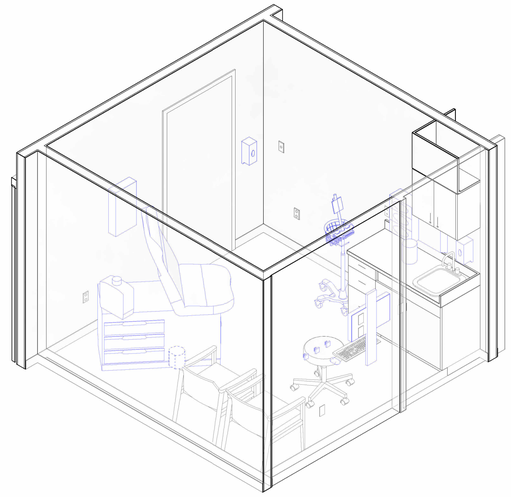
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ENLARGED VIEWS, EXAM 189

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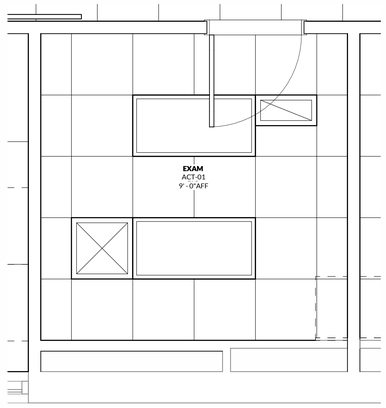
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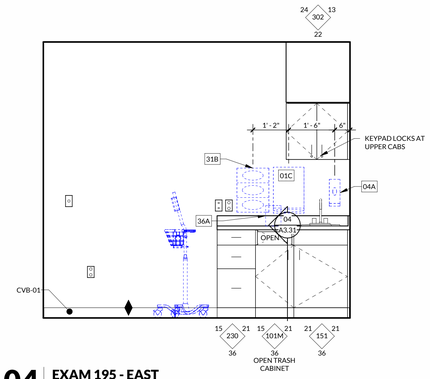


06 EXAM 195 - WEST
1/2" = 1'-0"

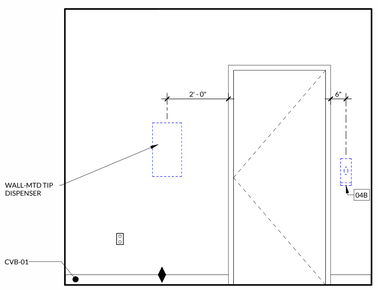
05 EXAM 195 - SOUTH
1/2" = 1'-0"



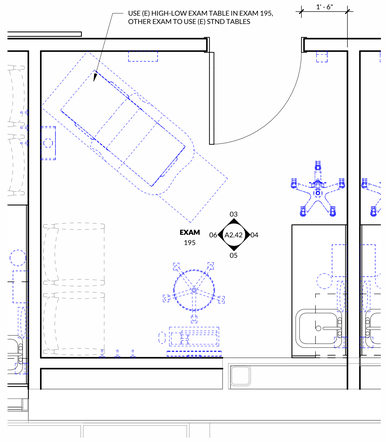
02 EXAM 195 RCP
1/2" = 1'-0"



04 EXAM 195 - EAST
1/2" = 1'-0"



03 EXAM 195 - NORTH
1/2" = 1'-0"



01 EXAM 195 PLAN
1/2" = 1'-0"

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE #105
SALT LAKE CITY, UTAH 84102

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STATE OF UTAH · STEPHEN C. WILLIAM · 8023820 · LICENSED ARCHITECT
11/25/2025

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BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE

INCLINE: 25-030
OWNER: 10020983

25 NOV 2025

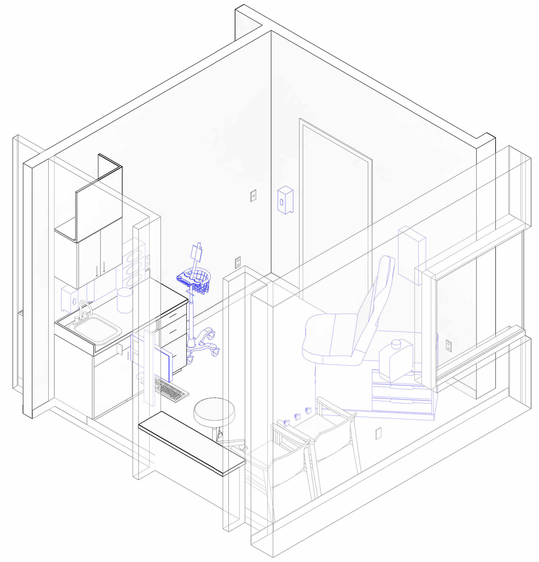
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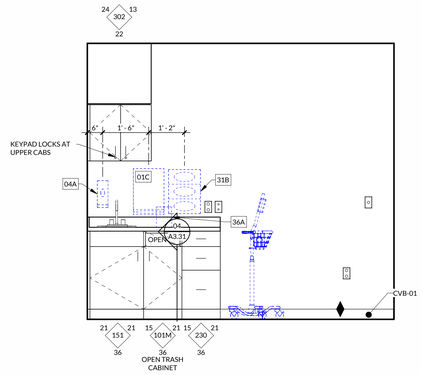
ENLARGED VIEWS, EXAM 195

A2.42

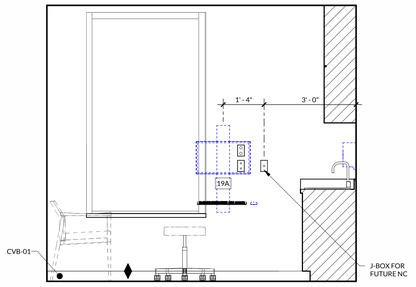
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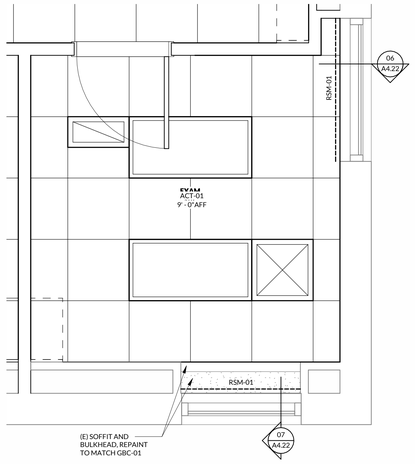




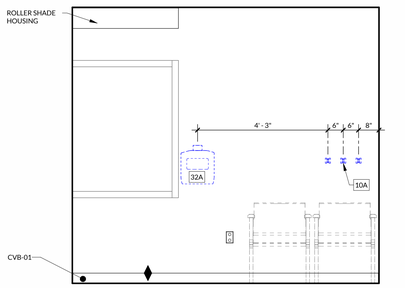
06 EXAM 196 - WEST
1/2" = 1'-0"



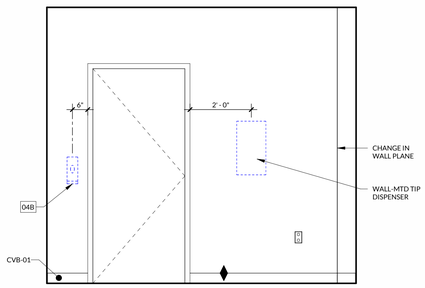
05 EXAM 196 - SOUTH
1/2" = 1'-0"



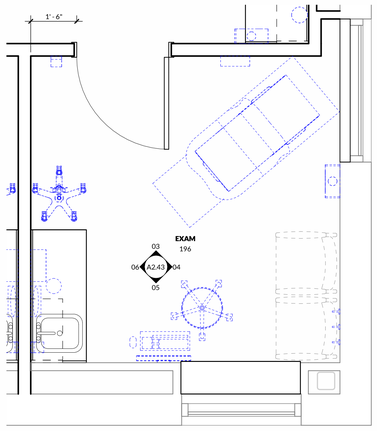
02 EXAM 196 RCP
1/2" = 1'-0"



04 EXAM 196 - EAST
1/2" = 1'-0"



03 EXAM 196 - NORTH
1/2" = 1'-0"



01 EXAM 196 PLAN
1/2" = 1'-0"

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE #105
SALT LAKE CITY, UTAH 84102

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STATE OF UTAH
STEPHEN C. WILLIAM
10023820
LICENSED ARCHITECT
11/25/2025

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BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE

INCLINE: 25-030
OWNER: 10020983

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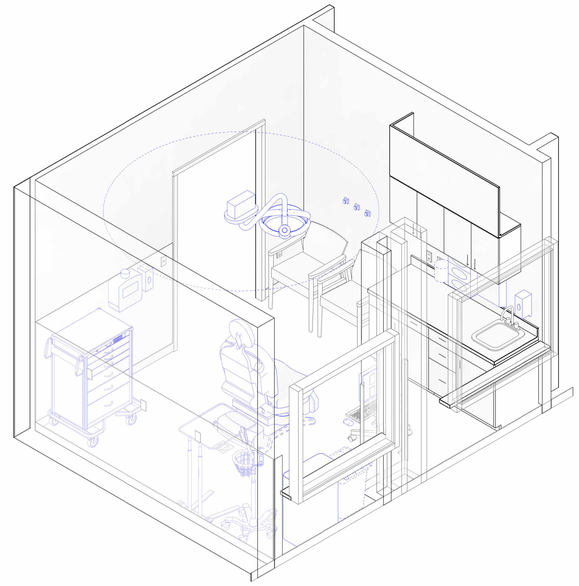
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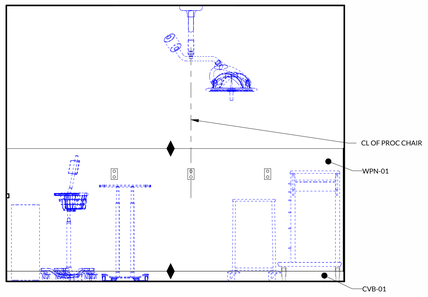
ENLARGED VIEWS, EXAM 196

A2.43

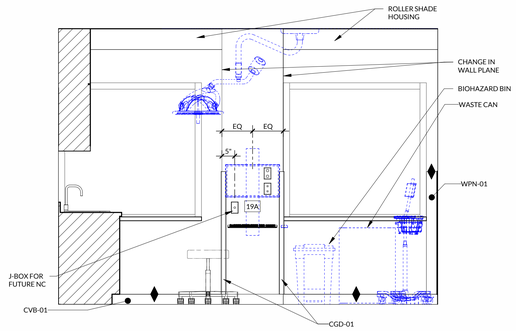
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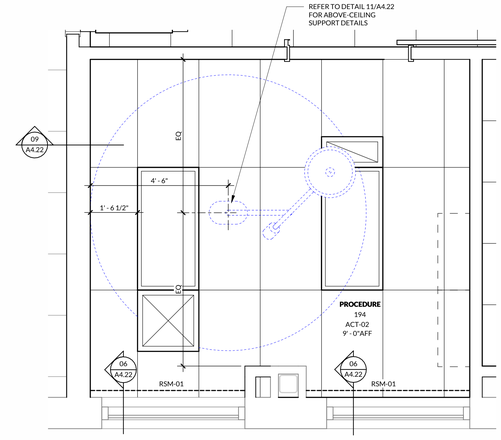




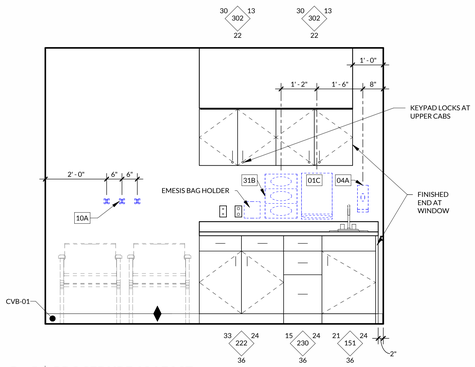
06 PROCEDURE 194 WEST
1/2" = 1'-0"



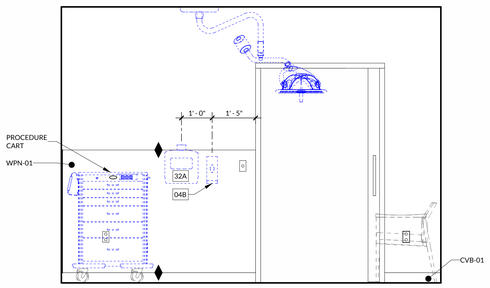
05 PROCEDURE 194 SOUTH
1/2" = 1'-0"



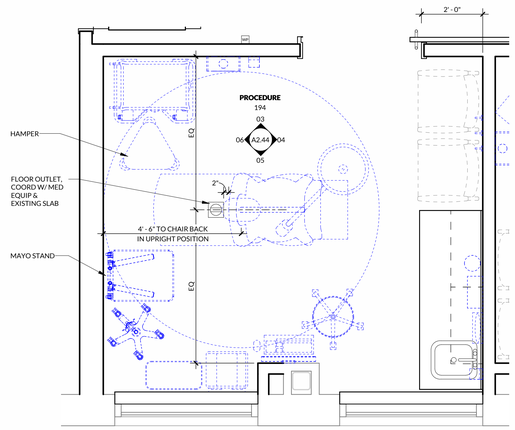
02 PROCEDURE 194 RCP
1/2" = 1'-0"



04 PROCEDURE 194 EAST
1/2" = 1'-0"



03 PROCEDURE 194 NORTH
1/2" = 1'-0"



01 PROCEDURE 194 PLAN
1/2" = 1'-0"

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE #105
SALT LAKE CITY, UTAH 84102

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STATE OF UTAH
STEPHEN C. WASHBURN
10023820
LICENSED ARCHITECT
11/25/2025

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BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE

INCLINE: 25-030
OWNER: 10020983

25 NOV 2025

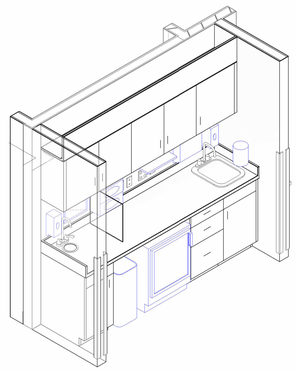
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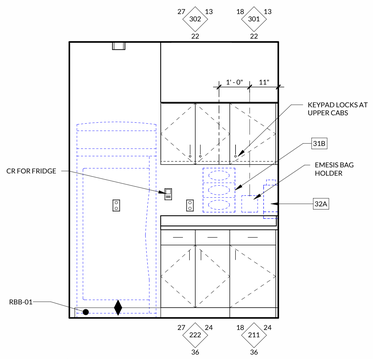
ENLARGED VIEWS, PROCEDURE 194

A2.44

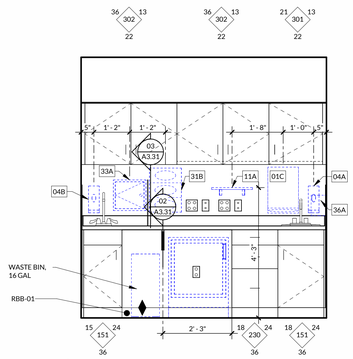
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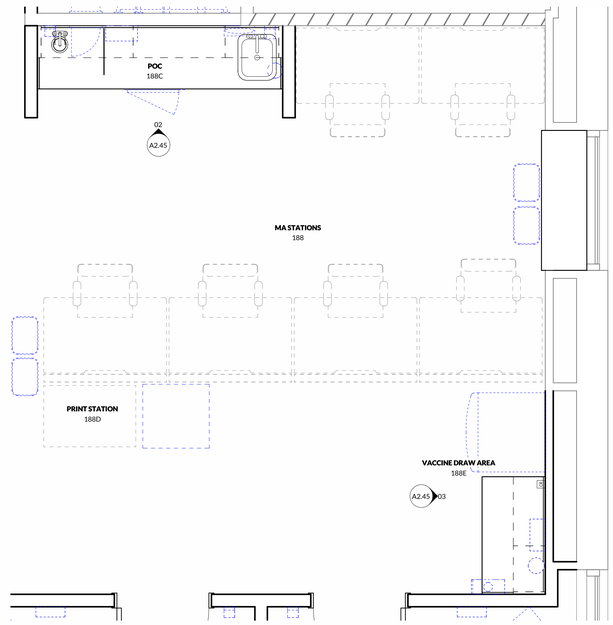




03 DRAW AREA 188E - EAST
1/2" = 1'-0"



02 POC 188C - NORTH
1/2" = 1'-0"



01 CARE TEAM PLAN
1/2" = 1'-0"

INCLINE ARCHITECTS
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SALT LAKE CITY, UTAH 84102

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STATE OF UTAH
STEPHEN C. WILLIAMS
10238207
LICENSED ARCHITECT
11/25/2025

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ENLARGED VIEWS, CARE TEAM

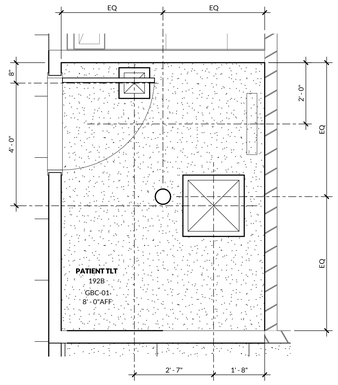
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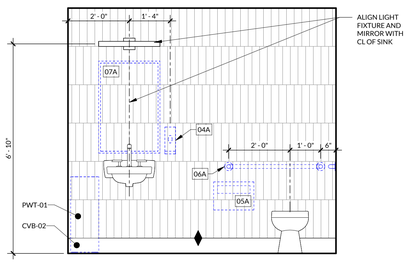
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06 PATIENT TLT 192B - WEST
1/2" = 1'-0"

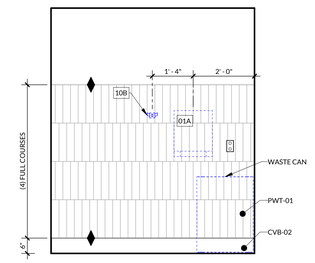
05 PATIENT TLT 192B - SOUTH
1/2" = 1'-0"



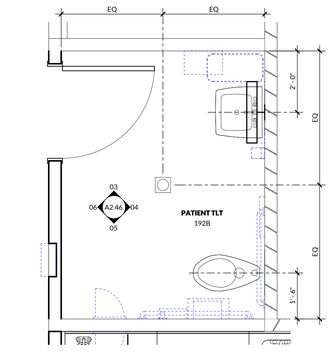
02 PATIENT TLT 192B RCP
1/2" = 1'-0"



04 PATIENT TLT 192B - EAST
1/2" = 1'-0"



03 PATIENT TLT 192B - NORTH
1/2" = 1'-0"



01 PATIENT TLT 192B PLAN
1/2" = 1'-0"

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STEPHEN C. KOHLMEYER
6023820
LICENSED ARCHITECT
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SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

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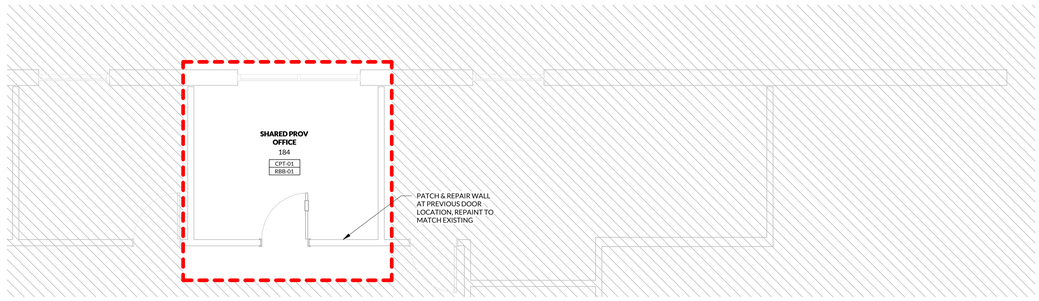
INCLINE: 25-030
OWNER: 10020983

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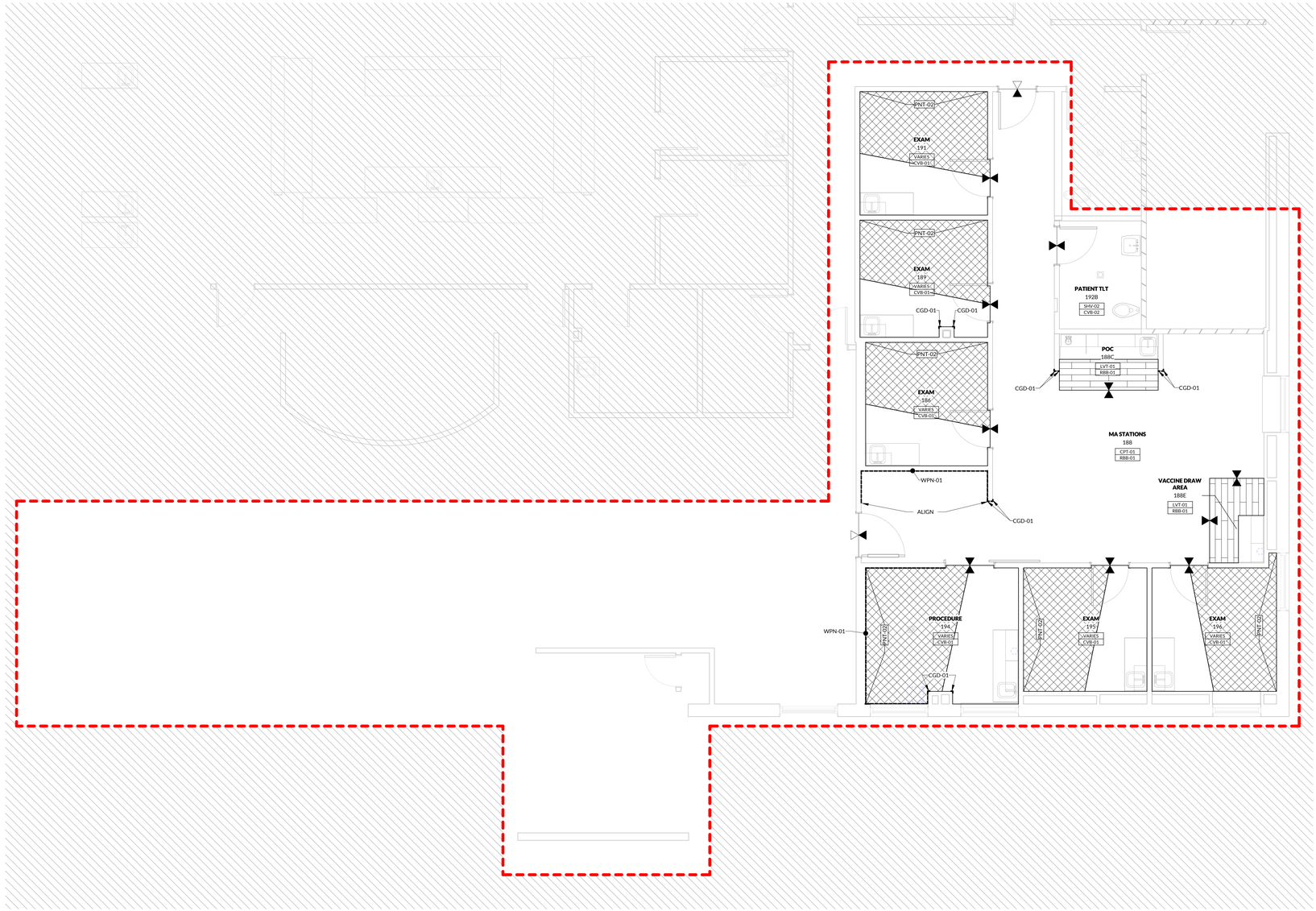
PERMIT SET

ENLARGED VIEWS, PATIENT TLT 192B

A2.46



02 LEVEL 01 FINISH PLAN - OFFICE
1/4" = 1'-0"



01 LEVEL 01 FINISH PLAN
1/4" = 1'-0"

INTERIOR FINISHES GENERAL NOTES

1. PROVIDE FINISHES AS INDICATED IN THE FINISH LEGEND. REFER TO INTERIOR ELEVATIONS (WHERE DRAWN) FOR CLARIFICATION, DIMENSIONS, AND ADDITIONAL INFORMATION. THE ABSENCE OF AN INTERIOR ELEVATION DOES NOT OVERRIDE THE REQUIREMENT TO PROVIDE THE FINISH INDICATED IN THE FINISH LEGEND.
2. ALL INTERIOR NON-ACCENT WALL PAINT SHALL BE PNT-01, UNO.
3. WHERE NEW FINISHES ARE SCHEDULED, CONTRACTOR SHALL REMOVE AND REINSTALL ALL (E) ELEMENTS, INCLUDING BUT NOT LIMITED TO MEP FIXTURES, EQUIPMENT, ACCESSORIES, AND COVER PLATES.
4. UNFINISHED OR PRIME-FINISHED METALS TO BE PAINTED, COLOR SELECTED BY THE ARCHITECT.
5. FINISHES INDICATED WITH 'ETR' INDICATE EXISTING FINISHES TO REMAIN. CONTRACTOR SHALL PROTECT ALL ETR FINISHES IN PLACE AND REPAIR/REPLACE ANY DAMAGED DURING DEMOLITION OR CONSTRUCTION ACTIVITIES.
6. ALL GYP BD SHALL BE LEVEL 5 FINISH, UNO.
7. WELDING RODS AT WELDED SEAMS IN SHEET VINYL SHALL MATCH THE DARKER OF THE SHEET VINYL COLORS WHERE TWO COLORS INTERSECT, UNO.
8. WHEN SHOWN, INSTALL INTEGRAL BASE TO A HEIGHT OF 4", UNO.
9. REFER TO A0.91 FOR FLOORING AND FINISHES TRANSITION DETAILS.
10. BULKHEADS, SOFFITS, AND FURR DOWNS TO BE FINISHED WITH THE SAME MATERIAL OR PAINT TO MATCH ADJACENT FINISHES.
11. ALL MATERIALS AND FINISHES SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS, INCLUDING SUBSTRATE PREPARATION.
12. WIREWAYS AND ACCESS TO BE FINISHED TO MATCH ADJACENT SURFACE, UNLESS NOT ALLOWED BY CODE.
13. ALL FLOORING SHALL BE INSTALLED PERPENDICULAR TO WALLS, UNO.
14. WHERE ATYPICAL CONDITIONS OCCUR,CONTRACTOR TO VERIFY FINISH WITH ARCHITECT PRIOR TO PROCEEDING.
15. CONTINUE ALL FLOORING MATERIALS BENEATH ALL CASEWORK, MILLWORK, AND FURNITURE, INCLUDING KNEE SPACES, UNO.
16. ALL EXPOSED OUTSIDE EDGES IN PORCELAIN TILE AND CERAMIC TILE SHALL RECEIVE METAL TRIM, REFER TO A0.91 FOR INFORMATION.

FLOOR PLAN SYMBOLS

- NEW CONSTRUCTION
- EXISTING TO REMAIN
- WALL - REF TO A3.01 FOR DETAILS
- DOOR - REF TO A3.11 FOR DETAILS
- UPPER CABINET
- COUNTERTOP
- FLOORING TRANSITION (NEW-NEW), REF TO A0.91 FOR PRODUCT INFO
- FLOORING TRANSITION (NEW-EXISTING), REF TO A0.91 FOR PRODUCT INFO
- FLOOR DRAIN, REF PLUMB DRAWINGS
- FLOOR OUTLET, REF ELEC DRAWINGS
- ACCESSORY / EQUIP - REF TO A3.11
- ACCESSORY / EQUIP CLEARANCE
- ROOM NAME / NUMBER (ROOM NAME XXXXX)
- ACCESSORY / EQUIP - REF TO A3.11 FOR INFO (XXX)
- WALL TYPE WITH NO SOUND ATTENUATION (01|3A)
- WALL TYPE WITH SOUND ATTENUATION (01|3A)
- DOOR TAG - REF TO A3.21 FOR SCHEDULE (XXXX)
- ROOM FINISH TAG - REF TO A0.91 FOR SCHEDULE (ROOM NAME XXXXX)
- FLOOR FINISH (XXX-XX)
- BASE FINISH (XXX-XX)

FINISH FLOOR TRANSITION SYMBOLS

- FLOOR FINISH TRANSITION, NEW-TO-EXISTING, REF TO A0.91 FOR TYPES AND DETAILS
- CORNER GUARDS, REF TO A0.91 FOR TYPES AND DETAILS (CGD-XX)
- WALL PROTECTION, REF TO A0.91 FOR TYPES AND DETAILS (WPN-XX)
- 'VARIES' HATCH INDICATES SHV-01 BLANK AREA INDICATES SHV-02
- FLOOR FINISH TRANSITION, NEW-TO-NEW, REF TO A0.91 FOR TYPES AND DETAILS
- ROOM FINISH TAG - REF TO A0.91 FOR SCHEDULE (ROOM NAME XXXXX)
- FLOOR FINISH (XXX-XX)
- BASE FINISH (XXX-XX)
- ACCENT PAINT FINISH EXTENT (PNT-XX)

FINISH WALL TRANSITION SYMBOLS

- WALL FINISH TRANSITION (NEW-EXISTING), REF TO A0.91 FOR PRODUCT INFO
- WALL FINISH TRANSITION (NEW-NEW), REF TO A0.91 FOR PRODUCT INFO

INCLINE ARCHITECTS
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SALT LAKE CITY, UTAH 84102

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STEPHEN C. KOSTAKIS
#023820
LICENSED ARCHITECT
11/25/2025

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE

INCLINE: 25-030
OWNER: 10020983

25 NOV 2025

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FINISH PLAN, DETAILS, SCHEDULE

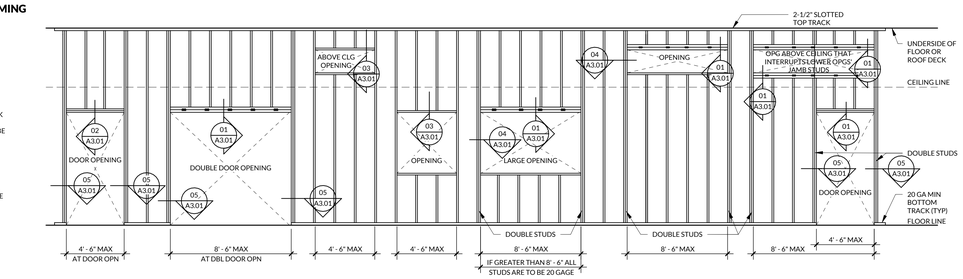
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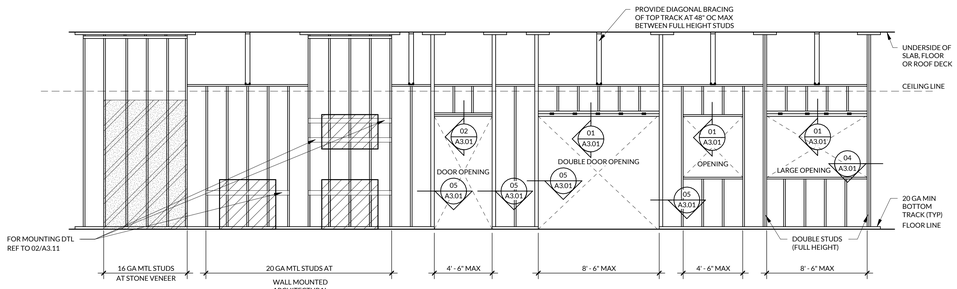
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TYPICAL INTERIOR WALL FRAMING

NOTES

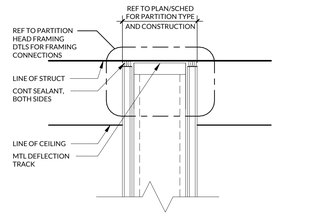
1. ALL STUDS ARE SPACED 16" OC MAX
2. ALL STUDS SHALL BE "C" STUDS W/ A MIN 1/4" FLANGE.
3. SHELVING OR CABINETRY
4. STONE
5. IN NO CASE SHALL DOUBLE STUDS AT SIDES OF OPG BE CUT FOR DUCTWORK OR OTHER MECHANICAL SYSTEMS. AT LEAD-LINED WALLS, STUDS SHALL BE 20 GA.
6. DO NOT CUT MORE THAN ONE STUD WEB TO ALLOW FOR HORIZONTAL PIPING AND/OR CONDUIT PATH. PROVIDE STRAP AT WEB ABOVE AND BELOW PIPE AND/OR CONDUIT IN ORDER TO RESTORE STUD INTEGRITY. STRAP GAUGE TO MATCH STUD GAUGE AT MIN.
7.
8.
9.



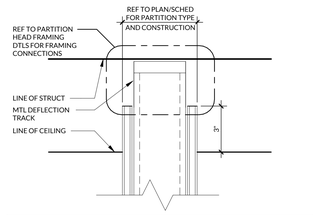


PARTITION TYPES HEAD CONDITIONS

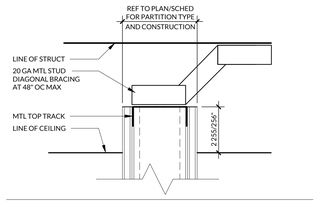
TYPE A

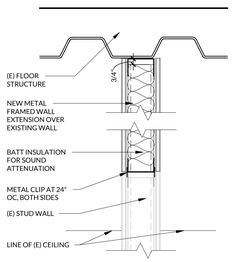


TYPE B



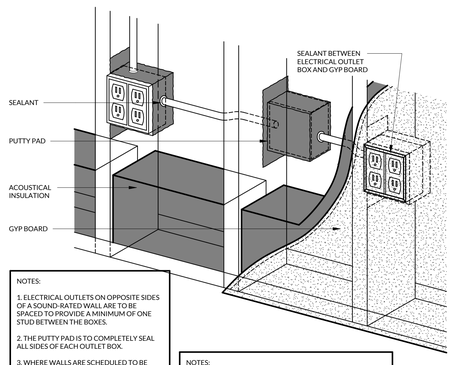
TYPE C





07 WALL EXTENSION DETAIL

1 1/2" = 1'-0"



NOTES:

1. ELECTRICAL OUTLETS ON OPPOSITE SIDES OF A SOUND-RATED WALL ARE TO BE SPACED TO PROVIDE A MINIMUM OF ONE STUD BETWEEN THE BOXES.

2. THE PUTTY PAD IS TO COMPLETELY SEAL ALL SIDES OF EACH OUTLET BOX.

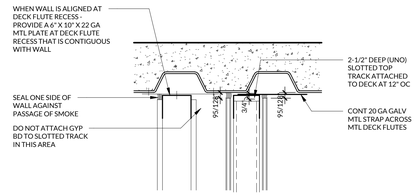
3. WHERE WALLS ARE SCHEDULED TO BE SOUND RATED PROVIDE ACOUSTICAL PUTTY PAD AT ALL OUTLET LOCATIONS.

NOTES:

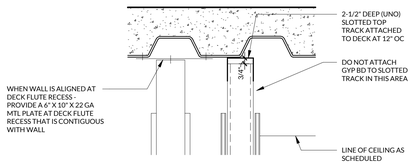
PUTTY PAD MUST BE FIRE RATED IN FIRE RATED WALLS.

06 ACOUSTICAL SOUND ATTENUATION IN INTERIOR PARTITIONS

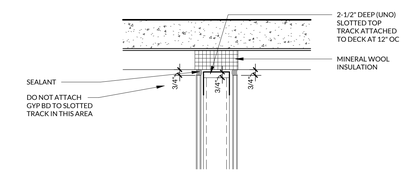
1 1/2" = 1'-0"



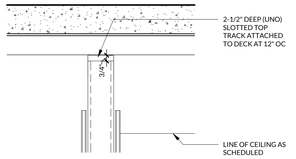
NON-RATED OR SMOKE RESISTANT



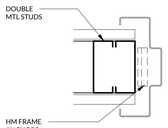
NON-RATED



NON-RATED OR SMOKE RESISTANT

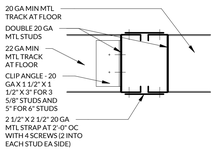


NON-RATED



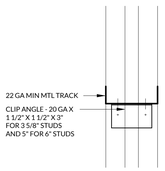
05 FRAMING AT DOOR JAMB - DETAIL

3" = 1'-0"



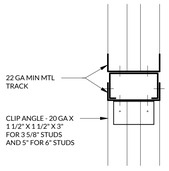
04 FRAMING AT LARGE OPENING - DETAIL

3" = 1'-0"



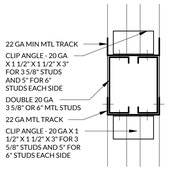
03 FRAMING AT OPENING - SECTION

3" = 1'-0"



02 FRAMING AT DOOR - SECTION

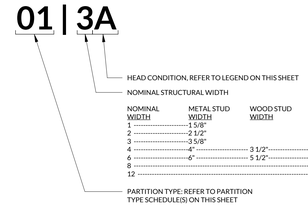
3" = 1'-0"



01 FRAMING AT DOUBLE DOOR / DOUBLE DOOR(S) HEADER - SECTION

3" = 1'-0"

PARTITION TYPES TAG LEGEND



PARTITION TYPES GENERAL NOTES

1. IF NO SYMBOL DESIGNATION IS PROVIDED, THE PARTITION WILL BE "PARTITION TYPE 01" WITH SOUND ATTENUATION, AND HEAD TYPE "A".
2. THERE ARE TWO TYPES OF SYMBOL DESIGNATIONS, ONE FOR PARTITIONS NOT REQUIRING SOUND ATTENUATION AND ANOTHER FOR PARTITIONS WHICH REQUIRE SOUND ATTENUATION. REFER TO PARTITION MATRICES FOR SOUND ATTENUATION BLANKET (SAB) MINIMUM THICKNESS FOR STC INDICATED.

   XX|XX NON ACOUSTIC-RATED XX|XX ACOUSTIC-RATED
3. "LINE OF STRUCTURE" INDICATED FOR EACH PARTITION IS DIAGRAMMATIC ONLY AND DOES NOT INDICATE EXACT CONSTRUCTION CONDITIONS OR GEOMETRY.
4. ALL DIMENSIONS ARE FROM FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD. REFER TO PARTITION SCHEDULES FOR PARTITION WIDTH DIMENSIONS UNLESS THOSE SAME DIMENSIONS ARE INDICATED THAT THEY ARE SHOWN ON PLAN(S).
5. ALL METAL FRAMING MEMBERS SHALL BE SO ARRANGED AND SPACED AS TO PERMIT INSTALLATION OF PIPE CONDUITS AND DUCTWORK WITH A MINIMUM OF CUTTING. SHAFT PARTITIONS SHALL BE PROVIDED WITH NECESSARY FRAMES, BRACING, AND SEALANT AROUND OPENINGS.
6. GYPSUM BOARD SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE AT ALL EXTERIOR PERIMETER PARTITIONS.
7. ALL GYPSUM BOARD SHALL BE 5/8" THICK TYPE 'X' UNLESS NOTED OTHERWISE OR REQUIRED FOR SPECIFIC PARTITION CONSTRUCTION AND SHALL BE SCREWED (NOT NAILED) TO ALL FRAMING MEMBERS, INCLUDING TOP AND BOTTOM PLATES AS REQUIRED FOR EACH SPECIFIC ASSEMBLY.
8. MASONRY REINFORCEMENT: REFER TO STRUCTURAL DRAWINGS.

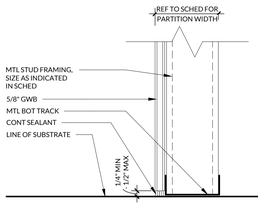
ACOUSTICALLY-RATED PARTITIONS GENERAL NOTES

1. SEALANT:
   A. NON-RATED PARTITIONS AND NON-RATED SMOKE-RESISTANT PARTITIONS SHALL USE ACOUSTICAL SEALANT.
   B. SEALANT SHALL BE CONTINUOUS AND FULL DEPTH OF GYPSUM BOARD.
2. INSULATION: HEAD CONDITIONS AT FLOOR/ROOF DECK:
   A. FIRE RESISTANCE RATED PARTITIONS SHALL USE MINERAL WOOL INSULATION.
   B. NON-RATED PARTITIONS REQUIRING SOUND ATTENUATION SHALL USE SOUND ATTENUATION BLANKETS (SAB).
   C. PROVIDE FULL THICKNESS INSULATION INSIDE ALL STUD BOX BEAMS AND HEADERS WHICH OCCUR IN PARTITIONS WITH SOUND ATTENUATION.
3. FOR PARTITIONS INDICATED TO RECEIVE SOUND ATTENUATION BLANKETS (SAB), EXTEND SAB TO FULL HEIGHT OF PARTITION UNLESS NOTED OTHERWISE. FLOOR TRACK TO BE SET IN A CONTINUOUS BED OF SEALANT.
4. GYPSUM BOARD ON ALL ACOUSTICALLY-RATED PARTITION ASSEMBLIES SHALL BE SET IN A CONTINUOUS BEAD OF ACOUSTICAL CAULK, TOP AND BOTTOM OF ASSEMBLY. CAULK SHALL BE FIRE-RATED WHERE REQUIRED TO MAINTAIN THE FIRE RATING OF THE PARTITION ASSEMBLY.

FIRE- AND/OR SMOKE-RATED PARTITIONS GENERAL NOTES

1. SEALANT:
   A. FIRE-RATED PARTITIONS AND SMOKE-RESISTANT PARTITIONS SHALL USE FIRE-RATED SEALANT.
   B. SEALANT SHALL BE CONTINUOUS AND FULL DEPTH OF GYPSUM BOARD.
2. ALL FIRE-RATED PARTITIONS SHALL TERMINATE AT STRUCTURE ABOVE, UNLESS NOTED OTHERWISE. ALL SHAFT PARTITIONS SHALL BE FULL HEIGHT.
3. WHERE A FIRE-RATED ASSEMBLY IS REQUIRED, ALL REQUIREMENTS OF THE TESTED ASSEMBLY SHALL BE INCORPORATED INTO THE DETAIL. CONTRACTOR TO KEEP COPIES OF UL MANUAL AND BUILDING CODE AS REFERENCE DURING CONSTRUCTION OF RATED ASSEMBLIES.
4. FIRE-RESISTANT AND FIRE-RESISTANT SMOKE BARRIER RATINGS SHALL CONTINUOUSLY SURROUND ALL OPENINGS IN RATED PARTITIONS.
5. SMOKE-RESISTANT, FIRE-RESISTANT, AND FIRE-RESISTANT SMOKE BARRIER PARTITIONS SHALL EXTEND AND SEAL TO THE INSIDE FACE OF EXTERIOR SHEATHING, INCLUDING EXTENSIONS THROUGH SOFFITS.
6. NOTIFY ARCHITECT OF ANY CONFLICT WITH FIRE-RATED ASSEMBLY PRIOR TO PROCEEDING WITH THE WORK.
7. REFER TO SPECIFICATIONS FOR HVAC, PLUMBING, AND ELECTRICAL PENETRATIONS OF PARTITIONS. PARTITION PENETRATIONS SHALL CONFORM WITH UL DESIGN SYSTEMS (WL, WWS, OR WWD AS APPLICABLE). FOR FURTHER INFORMATION, SEE SHEET A0.41.
8. FIRE-RESISTANCE RATED PARTITIONS SHALL USE RATED FIRE-/SMOKE-RESISTANT FILL MATERIAL IN CONJUNCTION WITH AN APPROPRIATE RATED FIRE-/SMOKE-STOPPING SYSTEM.
9. FIRE PARTITIONS, FIRE BARRIERS, FIRE WALLS, SMOKE BARRIERS, AND SMOKE PARTITIONS OR ANY OTHER PARTITION REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH STENCILING, SUCH IDENTIFICATION SHALL:
   A. BE LOCATED IN ACCESSIBLE CONCEALED FLOOR, CEILING, OR ATTIC SPACES;
   B. BE REPEATED AT INTERVALS NOT EXCEEDING 6 FEET, MEASURED HORIZONTALLY ALONG BOTH SIDES OF THE WALL OR PARTITION; AND
   C. INCLUDE LETTERING NOT LESS THAN 0.5 INCH IN HEIGHT, INCORPORATING THE SUGGESTED WORDING: "FIRE AND /OR SMOKE BARRIER; PROTECT ALL OPENINGS," OR SIMILAR WORDING.
10. WHERE MULTIPLE RATED PARTITIONS INTERSECT, THE HIGHER-RATED PARTITION(S) SHALL HAVE PRIORITY.

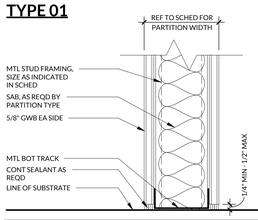
TYPE 06



PARTITION TYPE 06

PLAN SYMBOL	STUD SIZE	WIDTH	FIRE PROTECTION: FIRE RATING	FIRE PROTECTION: UL LISTING	ACOUSTICS: SOUND BATT	ACOUSTICS: STC RATING	COMMENTS
06|2A	2 1/2"	3 1/8"	-	-	No	-	
06|2A	2 1/2"	3 1/8"	-	-	Yes	-	
06|3A	3 5/8"	4 1/4"	-	-	No	-	

TYPE 01

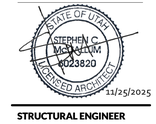


PARTITION TYPE 01

PLAN SYMBOL	STUD SIZE	WIDTH	FIRE PROTECTION: FIRE RATING	FIRE PROTECTION: UL LISTING	ACOUSTICS: SOUND BATT	ACOUSTICS: STC RATING	COMMENTS
01|3A	3 5/8"	4 7/8"	-	-	No	40	
01|3A	3 5/8"	4 7/8"	-	-	Yes	49	
01|8A	8"	9 1/4"	-	-	Yes	49	

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747 E SOUTH TEMPLE ST. STE #105
SALT LAKE CITY, UTAH 84102

STAMP



STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE

INCLINE: 25-030
OWNER: 10020983

25 NOV 2025

PERMIT SET

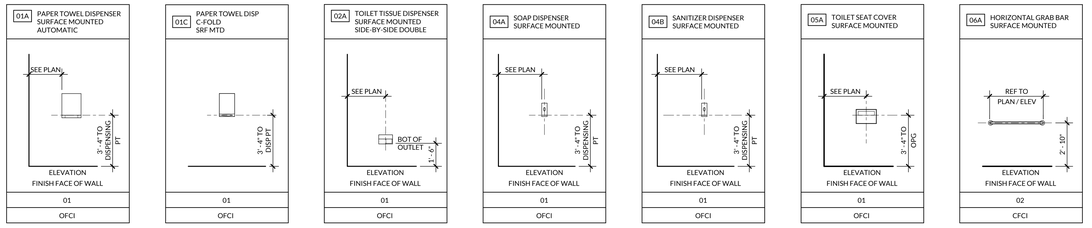
WALL TYPES, FRAMING & DETAILS

A3.01

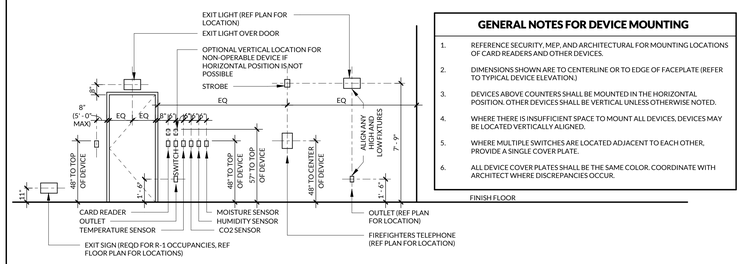
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ACCESSORY AND EQUIPMENT LEGEND



DEVICE MOUNTING DIAGRAM

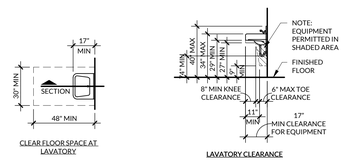


GENERAL NOTES FOR DEVICE MOUNTING

1. REFERENCE SECURITY, MEP, AND ARCHITECTURAL FOR MOUNTING LOCATIONS OF CARD READERS AND OTHER DEVICES.
2. DIMENSIONS SHOWN ARE TO CENTERLINE OR TO EDGE OF FACEPLATE (REFER TO TYPICAL DEVICE ELEVATION.)
3. DEVICES ABOVE COUNTERS SHALL BE MOUNTED IN THE HORIZONTAL POSITION. OTHER DEVICES SHALL BE VERTICAL UNLESS OTHERWISE NOTED.
4. WHERE THERE IS INSUFFICIENT SPACE TO MOUNT ALL DEVICES, DEVICES MAY BE LOCATED VERTICALLY ALIGNED.
5. WHERE MULTIPLE SWITCHES ARE LOCATED ADJACENT TO EACH OTHER, PROVIDE A SINGLE COVER PLATE.
6. ALL DEVICE COVER PLATES SHALL BE THE SAME COLOR. COORDINATE WITH ARCHITECT WHERE DISCREPANCIES OCCUR.

STANDARD LAYOUTS - ADAAG/ANSI

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



ACCESSIBLE LAVATORY
FRONT APPROACH PLAN

ACCESSIBLE LAVATORY
FRONT APPROACH SECTION

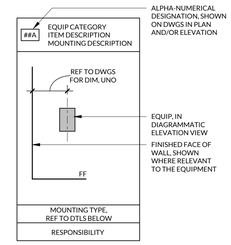
MOUNTING/BACKING GENERAL NOTES

1. REFER TO ACCESSORIES SHEET AND CASEWORK SHEET FOR MOUNTING DETAIL INFORMATION.
2. PROVIDE CONTINUOUS 20 GAUGE, 10" WIDE SHEET METAL AND ATTACH TO METAL STUD UNDERNEATH GYPSUM BOARD TO FUNCTION AS NAILER FOR INSTALLATION OF MILLWORK, HANDRAIL, AND/OR SIMILAR ITEMS.
3. CONTRACTOR SHALL PROVIDE AND INSTALL ALL STIFFENERS, BRACING, CONTINUOUS 18" WIDE 20 GA SHEET METAL PLATES, AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF:
   A. ALL CASEWORK,
   B. STAIR RAILINGS,
   C. TOILET ACCESSORIES,
   D. MISCELLANEOUS EQUIPMENT,
   E. WALLS, AND
   F. ALL WALL-MOUNTED OR SUSPENDED MEP ITEMS.
4. ACCESSORIES AND EQUIPMENT LISTED MAY HAVE GAPS IN ALPHA-NUMERICAL LISTING.
5. ACCESSORIES AND EQUIPMENT TAGS CAN APPEAR ON FLOOR PLAN OR INTERIOR ELEVATIONS.

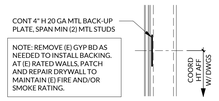
DEVICE MOUNTING GENERAL NOTES

1. REFERENCE SECURITY, MEP, AND ARCHITECTURAL FOR MOUNTING LOCATIONS OF CARD READERS AND OTHER DEVICES.
2. DIMENSIONS SHOWN ARE TO CENTERLINE OR TO EDGE OF FACEPLATE (REFER TO TYPICAL DEVICE ELEVATION.)
3. DEVICES ABOVE COUNTERS SHALL BE MOUNTED IN THE HORIZONTAL POSITION. OTHER DEVICES SHALL BE VERTICAL UNLESS OTHERWISE NOTED.
4. WHERE THERE IS INSUFFICIENT SPACE TO MOUNT ALL DEVICES, DEVICES MAY BE LOCATED VERTICALLY ALIGNED.
5. WHERE MULTIPLE SWITCHES ARE LOCATED ADJACENT TO EACH OTHER, PROVIDE A SINGLE COVER PLATE.
6. ALL DEVICE COVER PLATES SHALL BE THE SAME COLOR. COORDINATE WITH ARCHITECT WHERE DISCREPANCIES OCCUR.

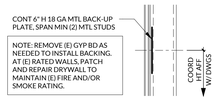
ELEVATION SYMBOLS LEGEND



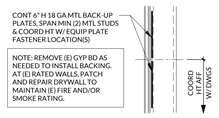
BACKING TYPES



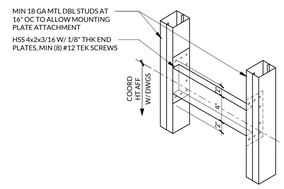
01 **BACKING TYPE 01**
NTS



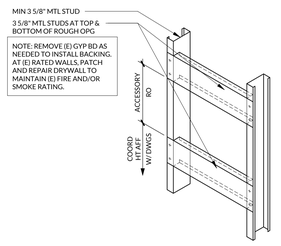
02 **BACKING TYPE 02**
NTS



03 **BACKING TYPE 03**
NTS



04 **BACKING TYPE 04**
NTS



05 **BACKING TYPE 05**
NTS

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SALT LAKE CITY, UTAH 84102

STAMP
STATE OF UTAH
STEPHEN C. DUNHAM
#023820
LICENSED ARCHITECT
11/25/2025

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE

INCLINE: 25-030
OWNER: 10020983

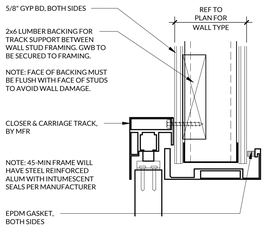
25 NOV 2025

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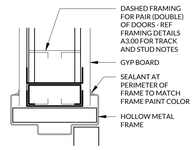
WALL-MTD EQUIP AND ACCESSORIES

A3.11

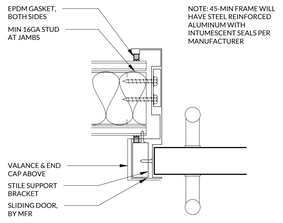
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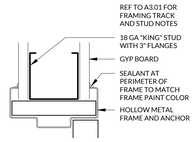
04 **INT DOOR HEAD DTL - SLIDING ALUM**
3" = 1'-0"



02 **HOLLOW MTL INT DOOR HEAD DTL**
3" = 1'-0"

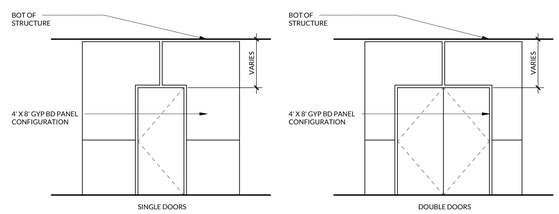


03 **INT DOOR JAMB DTL - SLIDING ALUM**
3" = 1'-0"

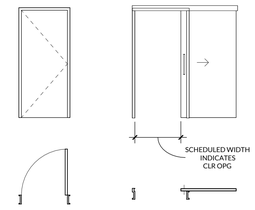


01 **HOLLOW MTL INT DOOR JAMB DTL**
3" = 1'-0"

GYPSUM BOARD CONFIGURATION AT DOORS



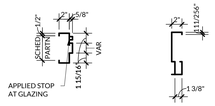
DOOR TYPES



A1/A1S
FLUSH SINGLE

B1/B1S
SLIDING SINGLE CONCEALED

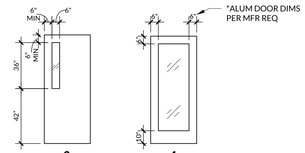
DOOR AND BORROWED LITE FRAME TYPES



TYP HOLLOW METAL
F1

TYP ALUMINUM SLIDER
F3

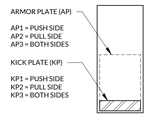
VISION PANELS AND LOUVER TYPES



2
NON-RATED
OR
RATED 20/45 MIN

4
NON-RATED

DOOR PROTECTION



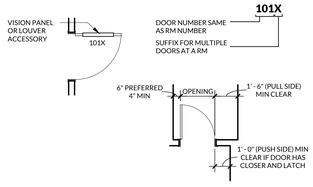
DOOR SCHEDULE

DOOR NUMBER	SIZE		DOOR		FRAME		FINISHES		FIRE RATING (MINS)	DETAILS		VISION PANEL / LOUVER			STC RATING	HARDWARE				COMMENTS
	WIDTH	HEIGHT	TYPE	MATERIAL	TYPE	MATERIAL	DOOR	FRAME		JAMB DETAIL	HEAD DETAIL	TYPE	MATERIAL	APPLIED FINISH		FUNCTION	SET NUMBER	CARD READER	DOOR PROTECTION	
184	3' -0"	7' -0"	A1S	ETR	F1	HM	ETR	FPT-01	-	-	-	2	GLZ-01	-	-	OFFICE		-	-	
186	3' -0"	7' -0"	A1	WD	F1	HM	WDV-01	FPT-01	-	01/A3.21	02/A3.21	-	-	-	45	PASSAGE		-	KP1	
188	3' -6"	7' -0"	A1	WD	F1	HM	WDV-01	FPT-01	-	01/A3.21	02/A3.21	4	GLZ-01	FLM-01	45	ENTRY		X	-	CARD READER, WAVE PLATE
188A	3' -0"	7' -0"	A1	WD	F1	HM	WDV-01	FPT-01	-	01/A3.21	02/A3.21	-	-	-	45	ENTRY		-	-	
189	3' -0"	7' -0"	A1	WD	F1	HM	WDV-01	FPT-01	-	01/A3.21	02/A3.21	-	-	-	45	PASSAGE		-	KP1	
191	3' -0"	7' -0"	A1	WD	F1	HM	WDV-01	FPT-01	-	01/A3.21	02/A3.21	-	-	-	45	PASSAGE		-	KP1	
192B	3' -0"	7' -0"	A1	WD	F1	HM	WDV-01	FPT-01	-	01/A3.21	02/A3.21	-	-	-	45	PRIVATE		-	KP3	OCCUPANCY INDICATOR, EMERGENCY ACCESS OVERRIDE
194	3' -6"	7' -0"	B1	WD	F3	ALUM	WDV-01	FPT-02	-	03/A3.21	04/A3.21	-	-	-	45	PASSAGE		-	-	AD SYSTEMS EXAMSLIDE
195	3' -0"	7' -0"	A1	WD	F1	HM	WDV-01	FPT-01	-	01/A3.21	02/A3.21	-	-	-	45	PASSAGE		-	KP1	
196	3' -0"	7' -0"	A1	WD	F1	HM	WDV-01	FPT-01	-	01/A3.21	02/A3.21	-	-	-	45	PASSAGE		-	KP1	

DOORS GENERAL NOTES

1. EXTERIOR DOORS SHALL COMPLY WITH THE FOLLOWING CRITERIA:
   A. DOORS (OPAQUE): U-FACTOR: 0.21
   B. DOORS (≤ 1/2 LITE): U-FACTOR 0.27 / SHGC: 0.30
   C. DOORS (2 1/2 LITE): U-FACTOR 0.32 / SHGC: 0.30
2. ALL WOOD AND HOLLOW METAL DOORS TO BE 1-3/4" THICK.
3. FIRE DOOR ASSEMBLIES SHALL MEET THE REQUIREMENTS FOR A SMOKE AND DRAFT CONTROL DOOR ASSEMBLY TESTED IN ACCORDANCE WITH UL 1784. PER IBC 716.5.3.1
4. DOORS COMPLYING WITH UL 1784 SHALL BE LABELED IN ACCORDANCE WITH SECTION 716.5.7.1 AND SHALL SHOW THE LETTER "S" ON THE FIRE-RATING LABEL OF THE DOOR. THIS MARKING SHALL INDICATE THAT THE DOOR AND FRAME ASSEMBLY ARE IN COMPLIANCE WHERE LISTED OR LABELED GASKETING IS INSTALLED. PER IBC 716.5.7.3
5. FIRE DOORS SHALL BE LABELED SHOWING THE NAME OF THE MANUFACTURER OR OTHER IDENTIFICATION READILY TRACEABLE BACK TO THE MANUFACTURER, THE NAME OR TRADEMARK OF THE THIRD-PARTY INSPECTION AGENCY, THE FIRE PROTECTION RATING. PER IBC 716.5.7.1
6. GENERAL CONTRACTOR TO USE FLOOR PLAN FOR DIRECTION OF DOOR SWING.
7. REFER TO DOOR SCHEDULE FOR DOOR HEIGHT, WIDTH, AND MATERIALS.
8. FOR DOOR OPENING LOCATIONS:
   A. DOORS SHOWN ADJACENT TO A FLANKING WALL OR OTHER FIXED OBSTRUCTION, SHALL BE LOCATED AS SHOWN BELOW.
   B. OTHER LOCATIONS SHALL BE ON CENTERLINE OF ROOM OR AS SPECIFICALLY DIMENSIONED.
   C. HINGE SIDE DIMENSION FROM ADJACENT WALL 6" PREFERRED, 4" MINIMUM.

DOORS DESIGNATION



INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE #105
SALT LAKE CITY, UTAH 84102

STAMP
STATE OF UTAH
STEPHEN C. MCCARTHY
402382D
LICENSED ARCHITECT
11/25/2025

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE

INCLINE: 25-030
OWNER: 10020983

25 NOV 2025

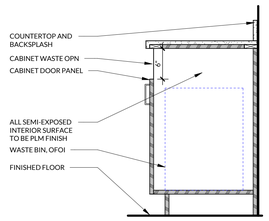
PERMIT SET

DOORS, WINDOWS, SAFETY GLAZING, & LOUVERS

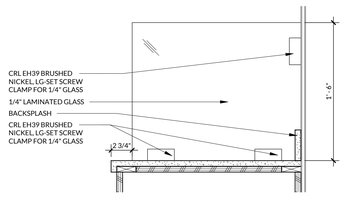
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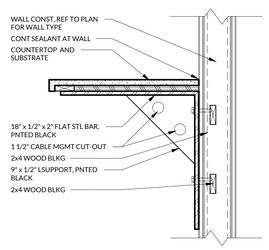
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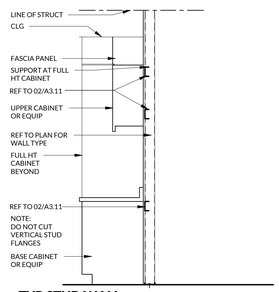
04 **101M BASE CABINET - SECTION**
1" = 1'-0"



03 **COUNTERTOP DIVIDER DETAIL**
1 1/2" = 1'-0"

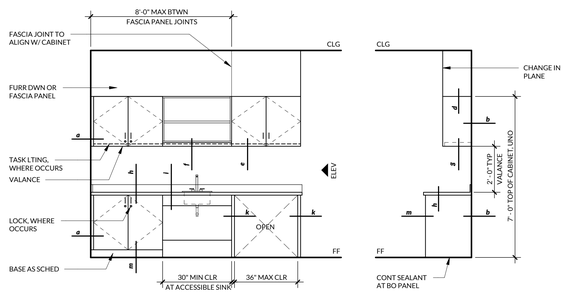


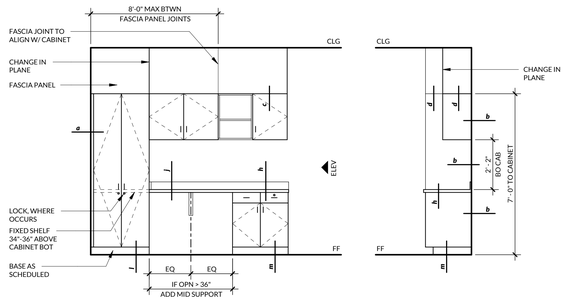
02 **COUNTER SUPPORT DTL**
1 1/2" = 1'-0"



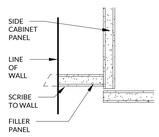
01 **TYP STUD WALL SUPPORTING EQUIP & CABINETRY**
1/4" = 1'-0"

ARCH CABINET ELEV

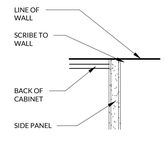




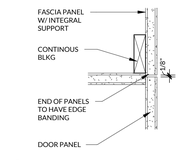
ARCHITECTURAL CABINET TYPICAL DETAILS



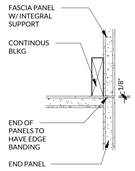
a PLAN - FILLER PANEL AT WALL



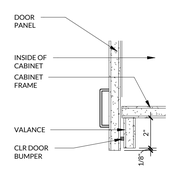
b PLAN - CABINET AT BACK WALL



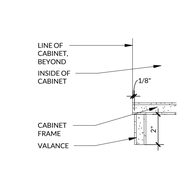
c SECTION - FASCIA TO UPPER CABINET



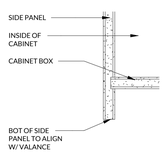
a PLAN - FILLER PANEL AT WALL



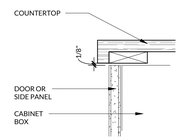
b PLAN - CABINET AT BACK WALL



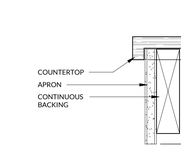
c SECTION - FASCIA TO UPPER CABINET



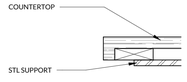
d SECTION - FASCIA TO UPPER CABINET



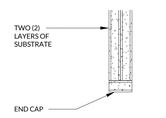
e SECTION - VALANCE AT DOOR



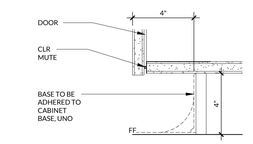
f SECTION - VALANCE AT OPEN CABINET



g SECTION - VALANCE AT SIDE PANEL



h SECTION - COUNTER AT DOOR



i SECTION - COUNTER AT APRON FRONT

j SECTION - COUNTER W/ WALL BRACKETS

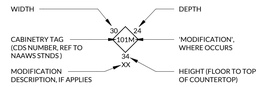
k SECTION - SINGLE PANEL END CAP

m SECTION - BASE TRANSITION AT CABINET

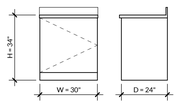
CASEWORK GEN NOTES

1. CABINETRY TYPES ARE BASED ON THE NORTH AMERICAN ARCHITECTURAL WOODWORK STANDARDS (NAAWS) AND THE CABINET DESIGN SERIES (CDS) NUMBERING SYSTEM.
2. CABINET DIMENSIONS INDICATE THE NOMINAL OUTSIDE DIMENSIONS (FLOOR TO TOP OF COUNTERTOP FOR HEIGHT AND FACE OF FINISHED WALL TO FACE OF CABINET DOOR FOR DEPTH.)
3. CABINET WIDTHS SHALL BE BASED ON INCREMENTS OF 3", UNLESS NOTED OTHERWISE.
4. WHEN FILLER PANELS ARE REQUIRED AT BOTH ENDS OF CASEWORK TERMINATION, BOTH FILLER PANELS SHALL BE EQUAL WIDTH.
5. PROVIDE WALL BRACKET SUPPORTS AT MAXIMUM 36" ON CENTER TO SUPPORT COUNTERTOP AT CONTINUOUS KNEE SPACE.
6. PROVIDE AN APRON AT ALL KNEE SPACES 30" OR HIGHER, UNLESS NOTED OTHERWISE.
7. PROVIDE END SPLASH WHEN COUNTERTOP IS ADJACENT TO WALL AT SIDES OR CABINETS.
8. WHERE OCCURRING, THE LOCATION OF LOCKS ON FULL-HEIGHT CABINETS SHALL BE COORDINATED WITH THE LOCATION OF THE CABINET'S FIXED SHELF.
9. PROVIDE HOLES FOR GROMMETS IN COUNTERTOPS AT THE FOLLOWING LOCATIONS:
   - A. (1) WIRE ACCESS GROMMET AT KNEE SPACE.
   - B. WIRE ACCESS GROMMETS AT 38" ON CENTER FOR CONTINUOUS RUNS OF KNEE SPACE.
   - C. (1) WIRE ACCESS GROMMET BEHIND EACH KEYBOARD DRAWER.
   - D. GROMMET LOCATION(S) TO BE COORDINATED WITH USERS.
10. PROVIDE ADJUSTABLE SHELVES IN CABINETS AT THE FOLLOWING LOCATIONS, UNLESS NOTED OTHERWISE ON ELEVATIONS:
    - A. BASE CABINET : (1) SHELF
    - B. FULL-HEIGHT CABINET : (5) SHELVES, (1) FIXED
    - C. WALL CABINET : (1) SHELF AT 24" HIGH, (2) SHELVES AT TALLER CABINETS
    - D. NOTE : SHELVES TO BE 3/4" THICK FOR SPANS UP TO 32", AND 1" THICK FOR SPANS UP TO 36".
11. WHERE OCCURRING, GLASS FRONTS TO BE 1/4" THICK CLEAR TEMPERED GLASS, UNLESS NOTED OTHERWISE.

CASEWORK TAG LEGEND



EXAMPLE:



101M - FRONT 101M - SIDE

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE #105
SALT LAKE CITY, UTAH 84102

STAMP

STATE OF UTAH · STEPHEN C. KOHLMEYER · 8023820 · LICENSED ARCHITECT · 11/25/2025

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE

INCLINE: 25-030
OWNER: 10020983

25 NOV 2025

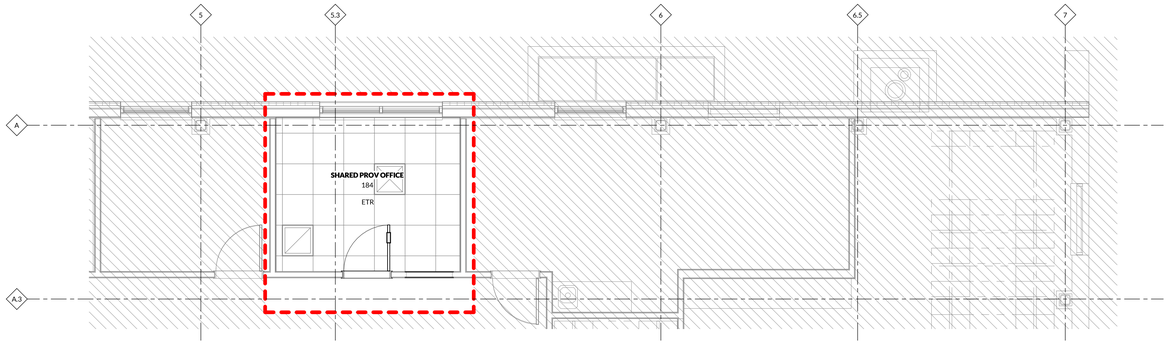
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CASEWORK DETAILS

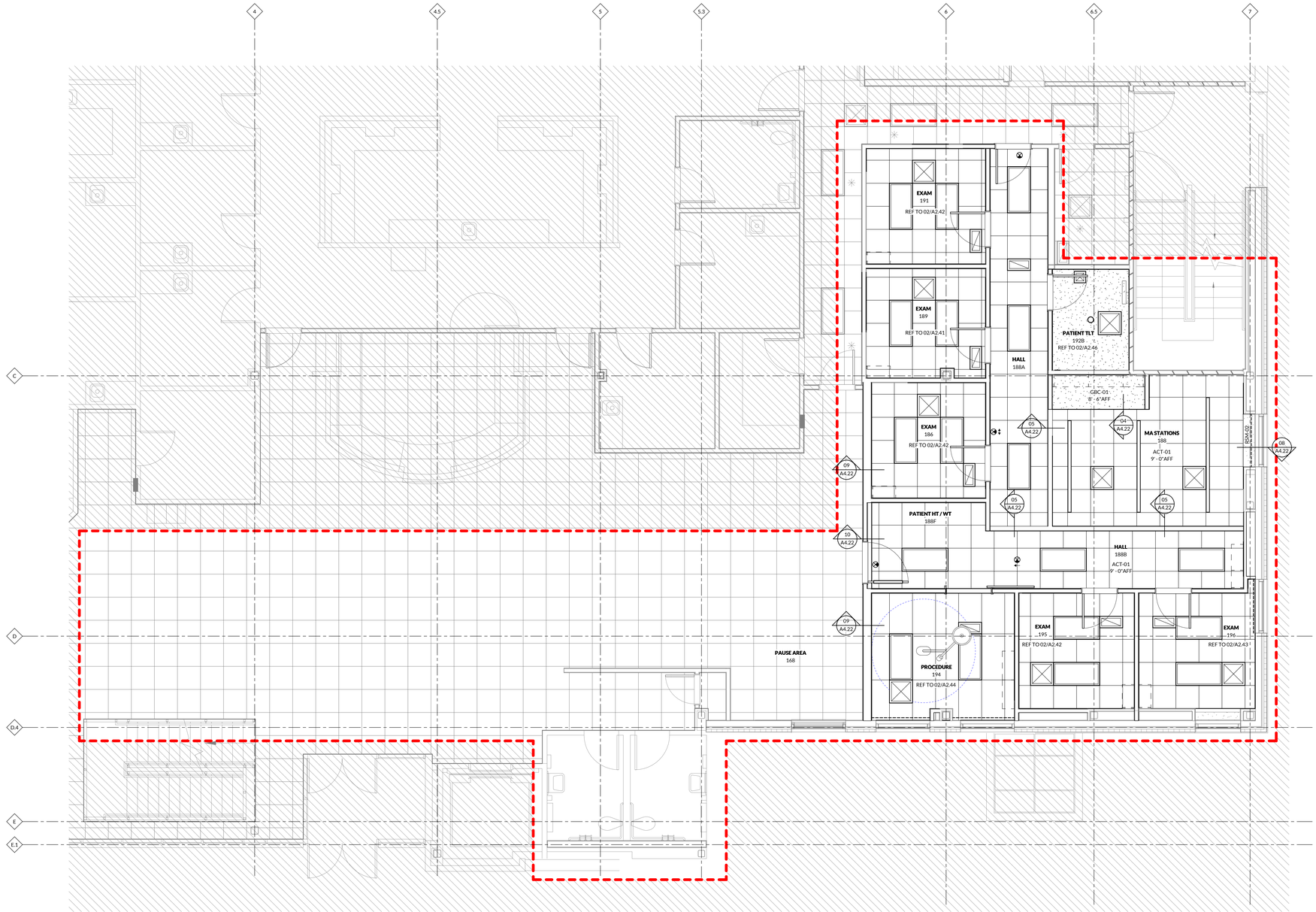
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02 LEVEL 01 RCP - OFFICE
1/4" = 1'-0"



01 LEVEL 01 RCP
1/4" = 1'-0"

RCP GENERAL NOTES

1. ALL CEILINGS SHALL BE HEIGHT INDICATED IN RCP. COORDINATE WITH OWNER-FURNISHED VENDOR DRAWINGS AND EQUIPMENT.
2. IN THE CASE OF MINOR DISCREPANCIES BETWEEN MEP AND ARCHITECTURAL DOCUMENTS IN THE LOCATION OF CEILING MOUNTED COMPONENTS, THE ARCHITECTURAL REFLECTED CEILING PLAN SHALL GOVERN. IN THE CASE OF MAJOR DISCREPANCIES, THE ARCHITECT SHALL BE NOTIFIED AS SOON AS THE DISCREPANCY IS DISCOVERED PRIOR TO PROCEEDING WITH THE WORK.
3. REFERENCE ELECTRICAL DRAWINGS FOR MOUNTING LOCATIONS OF ITEMS WHERE NO CEILING IS REQUIRED OR INDICATED.
4. LIGHTS, DIFFUSERS, EXIT SIGNS, SMOKE DETECTORS, SPEAKERS, STROBES, AND MISCELLANEOUS DEVICES SHALL BE CENTERED IN THE CEILING TILE IN WHICH THEY OCCUR, UNO.
5. ARCHITECTURALLY SIGNIFICANT SPRINKLER HEAD LOCATIONS MAY BE SHOWN ON REFLECTED CEILING PLANS FOR DESIGN INTENT ONLY.
6. EXIT SIGNS ARE SHOWN ON REFLECTED CEILING PLANS ONLY WHERE LOCATION IS ARCHITECTURALLY SIGNIFICANT. REFERENCE A3.00 WALL TYPES AND FRAMING INFORMATION.
7. REFERENCE A3.01 WALL TYPES AND FRAMING INFORMATION.
8. REFERENCE A4.21 FOR CEILING DETAILS.
9. USE SALT LLC TILES TO REPLACE ALL WORN (E) TILES AND ALL ETR TILES DAMAGED DURING CONSTUCTION.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AND RELOCATION OF (E) FIRE SPRINKLERS, AS WELL AS INSTALLATION OF NEW SPRINKLERS.
11. INSTALL NEW FLAT PLATE CONCEALED SPRINKLERS TO PROVIDE FULL COVERAGE WITHIN THE AREA OF WORK PER NFPA 13 REQUIREMENTS. DO NOT INSTALL FLEX HOSE DROPS UNLESS PREVIOUSLY INSTALLED.

CEILING SYMBOLS

- SUPPLY AIR
- RETURN AIR
- EXHAUST AIR
- RECESSED LINEAR LIGHT
- SEMI-RECESSED LIGHT
- RECESSED CAN LIGHT
- LINEAR STRIP LIGHT
- (S) CEILING SPEAKER
- FIRE SPRINKLER
- EXIT SIGNS - HATCH INDICATES EXIT TEXT AND ARROW INDICATES DIRECTION
- XX'-XX" AFF CEILING HEIGHT, AFF
- ACT CEILING, REF TO FINISH LEGEND FOR PRODUCT INFO
- GYP BD CEILING, REF TO FINISH LEGEND FOR PRODUCT INFO
- RSM-XX ROLLER SHADE, REF TO FINISH LEGEND FOR PRODUCT INFO

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE #105
SALT LAKE CITY, UTAH 84102

STAMP

STATE OF UTAH
STEPHEN C. KOSTOM
#023820
LICENSED ARCHITECT
11/25/2025

STRUCTURAL ENGINEER
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2766 SOUTH MAIN ST
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IH MEMORIAL PHARMACY BACKFILL
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REVISIONS

NO.	DESCRIPTION	DATE

INCLINE: 25-030
OWNER: 10020983

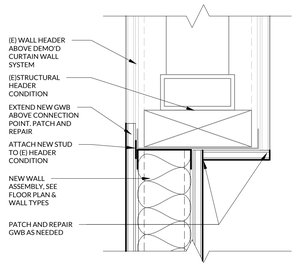
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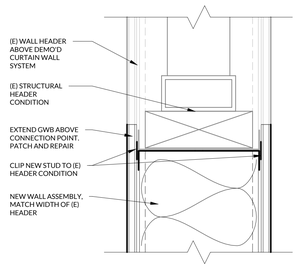
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A4.21

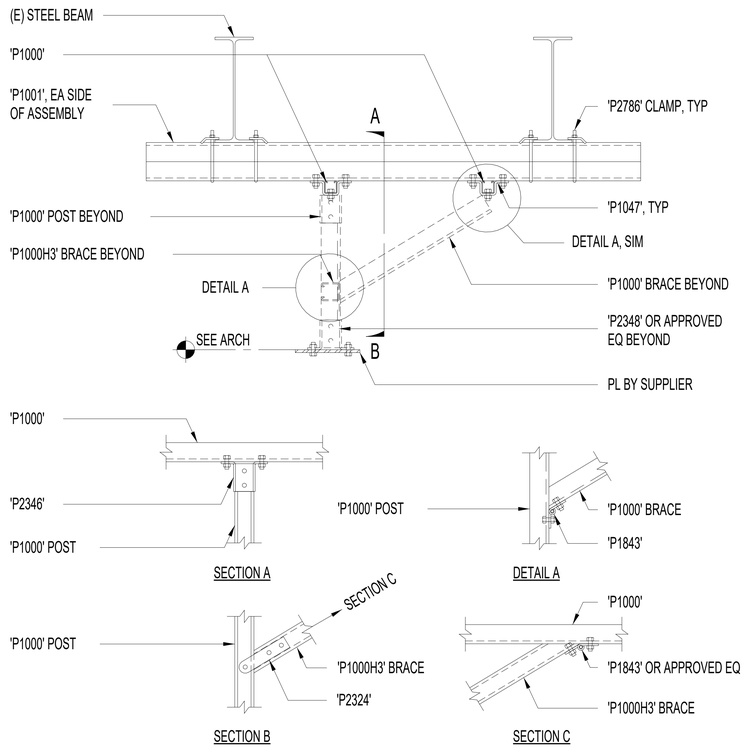
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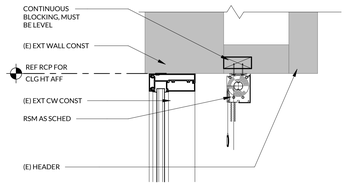
10 **EXISTING HEADER CONNECTION AT NEW CLINIC ENTRANCE**
3" = 1'-0"



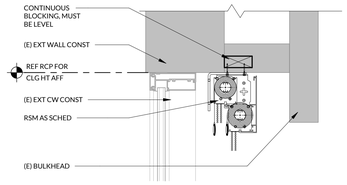
09 **EXISTING HEADER CONNECTION AT NEW CLINIC WALL**
3" = 1'-0"



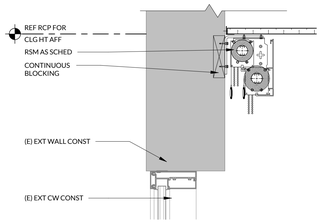
11 **EXAM LIGHT SUPPORT DETAIL**
1 1/2" = 1'-0"



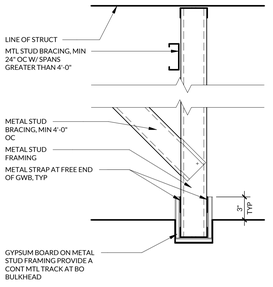
08 **CEILING SURFACE MOUNTED ROLLER SHADE**
1 1/2" = 1'-0"



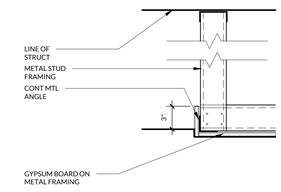
07 **CEILING SURFACE MOUNTED DUAL ROLLER SHADE**
1 1/2" = 1'-0"



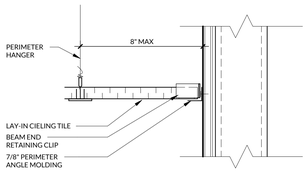
06 **WALL MOUNTED ROLLER SHADE**
1 1/2" = 1'-0"



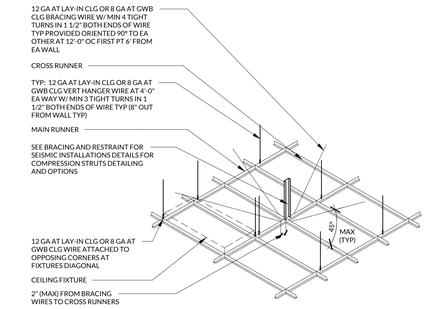
05 **GYPSUM BOARD SMALL BULKHEAD - SECTION**
1 1/2" = 1'-0"



04 **GYPSUM BOARD TRANSITION - SECTION**
1 1/2" = 1'-0"



03 **CEILING GRID PERIMETER SEISMIC CONNECTION - SECTION**
3" = 1'-0"



NOTES

1. ICBO (INTERNATIONAL COUNCIL OF BUILDING OFFICIALS) EVALUATION REPORT, 4071 GYPSUM WALL BOARD (066). (THIS REPORT HAS THE SAME REQUIREMENTS FOR GYPSUM BOARD CEILINGS AND LAY-IN CEILING.

2. ALL LATERAL SUPPORTS MUST BE LOCATED A MINIMUM OF 6" (152mm) FROM HORIZONTAL UNBRACED PIPES AND DUCTWORK.

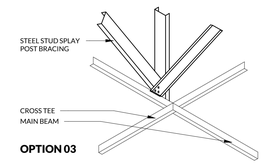
3. COMPRESSION POST FASTENED TO THE MAIN RUNNER SHALL BE EXTENDED TO AND FASTENED TO THE STRUCTURAL MEMBERS SUPPORTING THE ROOF OR FLOOR ABOVE. THE STRUT SHALL BE ADEQUATE TO RESIST THE VERTICAL LOAD INDUCED BY THE BARRIER WIRES.

4. THE COMPRESSION POST AT HORIZONTAL RESTRAINT POINTS SHALL BE PLACED 12'-0" (3658mm) ON CENTER IN BOTH DIRECTIONS, WITH THE FIRST POINT WITHIN 6'-0" (1830mm) FROM EACH WALL.

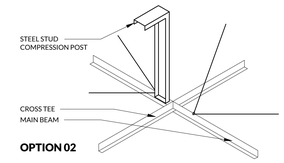
5. ACOUSTICAL TILE OR LAY-IN PANEL CEILINGS TO BE INSTALLED PER ASTM C636 and ASTM E580, AS FOLLOWS:
   - SUSPENSION SYSTEM MUST BE ATTACHED ON TWO ADJACENT WALLS - OPPOSITE WALL REQUIRE BEAM END RETAINING CLIP WITH 3/4" CLEARANCE
   - BEAM END RETAINING CLIP MAINTAINS MAIN BEAM AND CROSS TEE SPACING; NO OTHER COMPONENTS REQUIRED
   - ENDS OF MAIN BEAMS AND CROSS TEES MUST BE TIED TOGETHER TO PREVENT THEIR SPREADING
   - HEAVY-DUTY SYSTEMS AS IDENTIFIED IN ICC-ESR-1308, SEE BRACING AND RESTRAINT FOR SEISMIC INSTALLATION DETAILING
   - CEILING AREAS OVER 1,000 SF MUST HAVE HORIZONTAL RESTRAINT WIRE OR RIGID BRACING
   - CEILING AREAS OVER 2,500 SF MUST HAVE SEISMIC SEPRATION JOINTS OR FULL HEIGHT PARTITIONS
   - CEILINGS WITHOUT RIDID BRACING MUST HAVE 2" OVERSIZED TRIM RINGS FOR SPRINKLERS AND OTHER PENETRATIONS
   - CHANGES IN CEILING PLANE MUST HAVE POSITIVE BRACING
   - SUSPENDED CEILINGS WILL BE SUBJECT TO SPECIAL INSPECTION
   - PERIMETER SUPPORT WIRES WITHIN 8

6. ACOUSTICAL TILE OR LAY-IN PANEL CEILINGS IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORIES D, E, AND F SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH ASTM C635, ASTM C636, AND ASTM E580, SECTION 5 - SEISMIC DESIGN CATEGORIES D, E, AND F AS MODIFIED BY THIS SECTION. ACOUSTICAL LAY-IN PANEL CEILINGS SHALL ALSO COMPLY WITH THE FOLLOWING:
   - THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE OR CHANNEL SHALL BE NOT LESS THAN 2.0"(50MM) UNLESS QUALIFIED PERIMETER SUPPORTING CLIPS ARE USED
   - CLOSURE ANGLES OR CHANNELS SHALL BE SCREWED OR OTHERWISE POSITIVELY ATTACHED TO WALL STUDS OR OTHER SUPPORTING STRUCTURES
   - PERIMETER SUPPORTING CLIPS SHALL BE QUALIFIED IN ACCORDANCE WITH APPROVED TEST CRITERIA PER SECTION 13.2.5. PERIMETER SUPPORTING CLIPS SHALL BE ATTACHED TO THE SUPPORTING CLOSURE ANGLE OR CHANNEL WITH A MINIMUM OF TWO SCREWS PER CLIP AND SHALL BE INSTALLED AROUND THE ENTIRE CEILING PERIMETER. IN EACH ORTHOGONAL HORIZONTAL DIRECTION, ONE END OF THE CEILING SHALL BE ATTACHED TO THE CLOSURE ANGLE, CHANNEL, OR PERIMETER SUPPORTING CLIP
   - THE OTHER END OF THE CEILING GRID IN EACH HORIZONTAL DIRECTION SHALL HAVE A MINIMUM 0.75" (19MM) CLEARANCE FROM THE WALL AND SHALL REST UPON AND BE FREE TO SLIDE ON A CLOSURE ANGLE, CHANNEL, OR PERIMETER SUPPORTING CLIP.

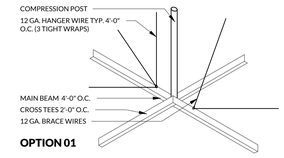
02 **TYP CEILING GRID COMPONENTS AND SEISMIC CONDITION**
NTS



OPTION 03



OPTION 02



OPTION 01

01 **BRACING AND RESTRAINT FOR SEISMIC INSTALLATIONS**
NTS

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INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE #105
SALT LAKE CITY, UTAH 84102

STAMP
STATE OF UTAH
STEPHEN C. KOSTRAM
10238207
LICENSED ARCHITECT
11/25/2025

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE

INCLINE: 25-030
OWNER: 10020983

25 NOV 2025

PERMIT SET

CEILING DETAILS

A4.22

General Plan Symbols

- Plan Revision Number
- Detail Number on Sheet / Sheet Number Where Detail is Placed
- Keynote Symbol
- Continuation Symbol
- Point Where New Connects to Existing
- Point Where Existing is to be Demolished
- Room / Room Name / Number
- Area Being Demolished
- Area Not In Contract

Abbreviations

Ø	ROUND	LVR	LOUVER
ABV	ABOVE	LWT	LEAVING WATER TEMPERATURE
AC	AIR CONDITIONING	M/A	MIXED AIR
AD	AREA DRAIN	MAX	MAXIMUM
ADD	ADDENDUM	MBH	ONE THOUSAND BTU PER HOUR
AFF	ABOVE FINISHED FLOOR	MCF	ONE THOUSAND CUBIC FEET
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	MD	MOTORIZED DAMPER
ALT	ALTERNATE	MECH	MECHANICAL
AP	ACCESS PANEL	MFR	MANUFACTURER
ARCH	ARCHITECT/ARCHITECTURAL	MIN	MINIMUM
BFF	BELOW FINISHED FLOOR	MISC	MISCELLANEOUS
BLW	BELOW	MTR	MOTOR
BTU	BRITISH THERMAL UNITS	MU/A	MAKE-UP/AIR
BTUH	BRITISH THERMAL UNITS PER HOUR	NC	NOISE CRITERIA
CAP	CAPACITY	NC	NORMALLY CLOSED
CB	CATCH BASIN	NIC	NOT IN CONTRACT
CFM	CUBIC FEET PER MINUTE	NO	NUMBER
CLG	CEILING	NO	NORMALLY OPEN
CO	CLEAN OUT	NTS	NOT TO SCALE
CW	COLD WATER	O	OXYGEN
D	DEGREE	O/A	OUTSIDE AIR
DB	DRY BULB	ORD	OVERFLOW ROOF DRAIN
DIA	DIAMETER	PD	PRESSURE DROP
DN	DOWN	PIV	POST INDICATOR VALVE
DW	DISTILLED WATER	PLBG	PLUMBING
EA	EACH	PRESS	PRESSURE
EAT	ENTERING AIR TEMPERATURE	PRV	PRESSURE REDUCING VALVE
ELEC	ELECTRICAL	PSI	POUNDS PER SQUARE INCH
EQUIP	EQUIPMENT	PSIG	POUNDS PER SQUARE INCH GAUGE
EWC	ELECTRIC WATER COOLER	PWR	POWER
EWT	ENTERING WATER TEMPERATURE	R	DUCT RISER
E/A	EXHAUST AIR	R/A	RETURN AIR
EXIST	EXISTING	RCP	RADIANT CEILING PANEL
F	DEGREES FAHRENHEIT	RD	ROOF DRAIN
FCO	FLOOR CLEAN OUT	REC	RECESSED
FD	FLOOR DRAIN	RED	REDUCER
FDC	FIRE DEPARTMENT CONNECTION	RH	RELATIVE HUMIDITY
FL	FLOOR	RL/A	RELIEF AIR
FO	FUEL OIL	RM	ROOM
FOV	FUEL OIL VENT	RPM	REVOLUTIONS PER MINUTE
FOR	FUEL OIL RETURN	RW	RAIN WATER
FOS	FUEL OIL SUPPLY	SF	SQUARE FOOT
FPM	FEET PER MINUTE	S/A	SUPPLY AIR
FS	FLOOR SINK	SAN	SANITARY
FT	FOOT/FEET	SF	SQUARE FOOT
FTR	FIN TUBE RADIATION	SD	SMOKE DAMPER
GAL	GALLON	SM	SURFACE MOUNT
GF	GAS-FIRED	SP	STANDPIPE
GC	GENERAL CONTRACTOR	SP	STATIC PRESSURE
GPM	GALLONS PER MINUTE	STM	STEAM
GW	GREASE WASTE	T	THERMOSTAT
HB	HOSE BIB	TD	TEMPERATURE DROP
HP	HORSE POWER	TDR	TRENCH DRAIN
HTG	HEATING	TEMP	TEMPERATURE
HTR	HEATER	TYP	TYPICAL
HW	HOT WATER	UG	UNDERGROUND
HYD	HYDRANT	VAC	VACUUM
ID	INDIRECT	V	VENT
IN	INCH	VAV	VARIABLE AIR VOLUME
INV	INVERT	VENT	VENTILATION
LB	POUND	VTR	VENT THROUGH ROOF
LB/HR	POUNDS PER HOUR	W	WASTE
LAT	LEAVING AIR TEMPERATURE	WB	WET BULB
LP	LOW PRESSURE	WCO	WALL CLEAN OUT
LPG	LIQUEFIED PETROLEUM GAS	WH	WALL HYDRANT

Equipment Abbreviations

AC	AIR CONDITIONING UNIT	ET	EXPANSION TANK
ACCU	AIR COOLING CONDENSING UNIT	EWH	ELECTRIC WATER HEATER
AHU	AIR HANDLING UNIT	FCU	FAN COIL UNIT
AS	AIR SEPARATOR	FP	FIRE PUMP
B	BOILER	GI	GREASE INTERCEPTOR
CH	CHILLER	GRV	GRAVITY ROOF VENTILATOR
CT	COOLING TOWER	HWP	HEATING WATER PUMP
CUH	CABINET UNIT HEATER	HRU	HEAT RECOVERY UNIT
CHWP	CHILLED WATER PUMP	PRV	POWER ROOF VENTILATOR
DBP	DOMESTIC WATER BOOSTER PUMP	RE	RETURN/EXHAUST FAN
DC	DUCT MOUNTED COIL	RTU	ROOFTOP UNIT
DCP	DOMESTIC WATER CIRCULATING PUMP	SP	SUMP PUMP
EF	EXHAUST FAN	UH	UNIT HEATER
EDC	ELECTRIC DUCT COIL	WH	WATER HEATER

* NOTE *

ALL OF GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET.THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.

HVAC Symbols

- 24"x12" — Sq. Duct Size (Width x Height)
- 24"/12" FO — Oval Duct Size (Width / Height)
- 18"Ø — Round Duct Size (Diameter)
- (E) — Existing Duct To Remain
- Duct To Be Demolished
- SA — Supply Air - Low Pressure
- SA — Supply Air - Medium Pressure
- RA — Return Air
- EA — General Exhaust Air
- GEA — Grease Exhaust Duct
- Rect. Supply Duct Rise / Drop
- Round Supply Duct Rise / Drop
- Rect. Return Duct Rise / Drop
- Round Return Duct Rise / Drop
- Rect. Exhaust Duct Rise / Drop
- Round Exhaust Duct Rise / Drop

Grille, Register, Diffusers

Square Ceiling Diffuser — Type (See Schedule)
- CD3 | 500 — Airflow
- 10"/0/24x24 — Neck Size / Module Size
- 29 /H/6/8/17 — Catalog Throw Performance / Throw Pattern / Max NC Rating

Round Ceiling Diffuser
- CD11 | 100 — Airflow
- Ø10 — Neck Size
- TYP. X 4 — Type Count for Space

Sidewall Supply Grille
- SG1 | 500 — Airflow
- 16"x10" — Nominal Duct Size
- AFF:9'-0" — Mounting Elevation (Centerline)

Linear Diffuser
- LD8 | 200 — Airflow
- 8'0/2s/4'-0"L — Neck Size/ Slot(s)/ Active Length

Sidewall Return Grille
- RG1 | 800 — Airflow
- 16"x16" — Nominal Duct Size
- AFF:9'-0" — Mounting Elevation (Centerline)

Ceiling Return
- RG2 | 500 — Airflow
- 12"x12"/24x24 — Neck Size / Module Size
- 25 — Max NC Rating

Mechanical Equipment

- RTU-1 — Unit Identity
- 10.0 ton — Nominal Cooling Capacity
- RTU-1 — Unit Identity
- 180000 Btu/h — Heating Capacity
- 180 CFH — Gas Supply Input Rate
- ET-1 — Unit Identity
- 379 lb — Operating Weight
- EF-XX — Unit Identity
- 500 CFM — Design Airflow Rate
- VAV 1-2 — Unit Identity
- 3.7 GPM — Design Water Flow
- AC-1 — Unit Identity
- AFF:7'-0" — Bottom of Equipment Height
- (E)AHU-2 — Existing to Remain Equipment
- (R)AHU-3 — Existing Relocated Equipment
- Equipment By Others (Refer To Other Disciplines)

Damper Types

- (B) — Manual Damper
- (M) — Motorized (ATC) Damper
- (G) — Backdraft Damper
- (S) — Smoke Damper
- Fire Damper
- (S) — Comb. Fire/ Smoke Damper

Mechanical Piping Symbols

- 2" — Nominal Pipe Size
- Above Ground Piping
- Below Ground Piping
- 1/8" / 12" SLOPE — Pipe Slope (When Applicable)
- (E) — Existing Pipe To Remain
- Pipe To Be Demolished
- HWR — Hot-Water Return
- HWS — Hot-Water Supply
- Pipe Rise / Drop

Valve Types

- SHUTOFF — Ball Valve
- BAL — Balancing Valve
- BFV — Butterfly Valve
- CHECK — Check Valve
- CHECK — Alternate Check Valve
- CIRC — Circuit Setter
- GATE — Gate Valve
- GLOBE — Globe Valve
- STRAIN — Fluid Strainer

Mechanical Devices

- AHU-1 — Unit Identity
- TS — Temperature Sensor
- T — Thermostat
- H — Humidistat

Project Requirements

1. The project general notes apply to all disciplines.
2. Remove all unused piping, ductwork, equipment, and accessories.
3. The mechanical contractor shall be responsible for field verifying all existing conditions for plumbing and mechanical systems within the scope of work space and within close proximity to the scope of work space. The contractor will field verify as much as is reasonable before the final bid. After the final bid the contractor will notify the owner, architect, and mechanical design engineer immediately upon discovery of existing conditions that may affect the design.
4. Where floor drains occur with the limits of construction, prevent construction debris from entering drain body by sealing drain opening prior to start of work. Unseal drains at completion of construction.
5. Coordinate installation of piping, ductwork, conduit, lights, cable tray, structure, equipment, ceilings, architectural components, and anything else pertaining to the project to prevent conflicts.
6. The contractor shall be familiar with all the conditions both existing and those illustrated by these documents and those of other disciplines, including, but not limited to architectural, civil, electrical, ventilation, plumbing, and other systems involved on this project.
7. Final product shall be a complete and functioning system, and shall conform to all requirements of applicable federal, state, and local codes, including but not limited to the international building code, international mechanical code, and international plumbing code.
8. Locate equipment requiring access 2'-0" maximum above ceiling.
9. Coordinate installation of ductwork, piping and mechanical equipment with NEC clearances including the space above electrical panels, transformers and other electrical equipment. No piping or ductwork to run over electrical panels, VFD's or MCC's. Protect equipment with a 42" deep zone in front of panels, VFD's and MCC's. Provide pans if required under piping.
10. Fire seal around duct and piping penetrations of fire rated walls. The mechanical contractor shall be responsible for caulking and sealing all penetrations in fire and smoke rated partitions to maintain ratings. Refer to specification.
11. Provide sleeves and/or openings to run pipes and ducts through foundations, floors, walls, and roof.
12. Transition piping and ductwork sizes to match the size of equipment connection.
13. All pipe and duct sizes shown shall be continued in the direction of flow until another size is shown.
14. For details, equipment connections, and pipe sizes not shown on the segments, refer to details, schedules, and specifications.
15. Install all equipment in accordance with the respective manufacturer's written installation instructions, at a level of workmanship consistent with the specifications.
16. Mechanical contractor shall ensure that all equipment is provided and installed with clearances per manufacturers recommendations. The contractor shall maintain proper service space for coil pulls, BAS devices, maintenance access, etc.
17. Locations of piping, ductwork and equipment, as indicated on the drawing, are approximate and subject to minor adjustments in the field, including, but not limited to, offsets and transitions. New ductwork, piping and equipment shall be coordinated with structure, lights, reflected ceiling plans, cable tray, electrical conduit, plumbing, mechanical and fire protection piping, all other trades and all other existing conditions to avoid interference in the field.
18. The contractor shall inform the designer of any proposed deviations from the contract documents.
19. If contractor encounters material which may contain asbestos, immediately stop work in this area and notify the owner.
20. Details reference all sheets.
21. Install all piping and ductwork without forcing or springing.
22. Locate valving, accessories, and equipment in accessible locations. Where located above hard ceiling provide an access door in ceiling. Minimum access door size of 24" x 24". Coordinate exact location and style with architect. Equipment shall be located in the ceiling cavity so it can be safely serviced from someone standing on a ladder placed below the ceiling access.
23. Where valving, accessories, or equipment is located in a wall, provide an appropriately sized access door. Coordinate access door size, location, and style with architect.
24. Contractor to provide valve identification and location on all ceiling tiles where valves are located.
25. Contractor to provide delegated design of seismic bracing as a deferred submittal. See specification 23 0548 - Vibration and Seismic Controls for HVAC.

HVAC General Notes

1. Coordinate exact placement of diffusers, grilles, and registers with architectural reflected ceiling plan, typical.
2. See detail for diffuser connections to ductwork, typical.
3. Branch ductwork shall be sized to match the neck inlet size of the diffusers, register or grille it serves unless noted otherwise, typical.
4. Coordinate exact mounting location of all thermostats with latest revision of architectural elevation and furnishings plans, typical.
5. The mechanical contractor shall provide fire, smoke or combination fire/smoke dampers at all locations shown on the contract documents and as required to meet the integrity of all smoke and fire partitions. The contractor shall refer to the latest architectural life safety plans for all fire and smoke partition locations. Dampers are to be provided with shutoff/test switch at each location.
6. Provide and install turning vanes in all square low pressure ductwork at elbows or tees, typical.
7. Install all terminal boxes in easily accessible and serviceable locations, meeting all manufacturers required clearances on each side, see details, typical.
8. Ductwork sizes shown are inside clear dimensions. Refer to mechanical specifications for extent of duct insulation and liner and adjust sheet metal dimension.
9. Provide and install remote damper operators for all dampers installed above inaccessible ceiling, see mechanical specifications for equipment requirements, typical.
10. Provide and install high efficiency take-off fittings and balancing damper at all branch connections to low pressure ductwork. Provide balancing dampers at each branch take off to serve diffuser or grille as well as where indicated.
11. Provide and install high efficiency take-offs at all branch connections to medium pressure ductwork.
12. Where ductwork crosses, supply ductwork is usually below return and exhaust duct. Return ductwork is usually below exhaust ducts.
13. At locations where diffusers or grilles are under ductwork, contractor to fabricate transition boot from flex connection to diffuser or grille with balancing damper, typical.
14. The mechanical contractor shall provide ceiling mounted access doors for all fire, smoke and combination fire/smoke dampers installed above inaccessible ceiling. Field verify exact installation locations prior to commencing work and coordinate installations with latest architectural reflected ceiling plans.
15. All VAV boxes to have reheat coils, except as noted. Provide equipment tag to match schedule. Provide a minimum of two duct diameters of straight round duct to inlet of VAV box. Box shall be hard connected (conical) to medium pressure duct, typical.
16. Provide access doors to access VAV box controls above hard ceilings. Provide minimum 24" x 24".
17. Flex duct is required for all diffusers and grilles installed in lay-in ceilings. For diffusers and grilles in hard lid ceilings, the ductwork shall be extended all the way to the diffuser and shall be connected with a hard connection or a flex duct connection with a mud ring and lay-in diffuser as shown on plans.
18. The contractor shall inform the designer of any proposed deviations from the contract documents.
19. Provide access to all temperature controls above ceiling. Locate in accessible location. Where there are hard ceilings, the contractor shall provide 24" x 24" access door.
20. Supply and return piping to coils are the same size.
21. Contractor shall locate thermostats and temperature sensors at 4'-0" AFF, a minimum of 8" from light switch, unless otherwise noted on the architect's elevations. Coordinate exact locations with architect.
22. Refer to mechanical piping or zoning drawings for thermostat and temperature sensor locations.
23. All supply, return, and exhaust ductwork shall be rated for pressure class of 2" w.g. unless noted otherwise on the plans or in the specifications.
24. This contractor shall be required to replace filters on HVAC equipment after all dust producing construction has been completed and prior to the final punch.

Mechanical Piping General Notes

1. Provide all materials and equipment and perform all labor required to install complete and operable piping systems as indicated on the drawings, as specified, and as required by code.
2. Unless otherwise noted: all mechanical piping is overhead to run above ductwork and tight to underside of structure.
3. Install piping so that all valves, strainers, unions, traps, flanges, and other appurtenances requiring access are accessible.
4. All valves shall be installed so that valves remains in service when equipment or piping on equipment side of valve is removed.
5. Provide air vent at high point of each drop in the heating and chilled water piping system.
6. All valves shall be adjusted for smooth and easy operation and tagged.
7. Coordinate location of thermostat with architectural furnishing plans. Mount thermostat at height as specified on architectural plans or specifications.
8. All piping utilized in conditioned air streams, conditioned spaces, or return air plenums shall comply with NFPA 90A flame spread, smoke development, and fuel contribution ratings of 25/50/0, respectively, as well as all applicable building codes and project specifications.
9. Where non-plenum-rated piping is permitted or required within conditioned air streams, conditioned spaces, or return air plenums, it shall be insulated to achieve NFPA 90A flame spread, smoke development, and fuel contribution ratings of 25/50/0, respectively, and shall comply with all applicable building codes and project specifications.

Plumbing General Notes

1. Unless otherwise noted, slope pipe as follows: waste branches: 1/4" per foot; waste mains: 1/4" per foot; roof drain/roof drain overflow: 1/8" per foot. Verify all sloping with local codes.
2. All work done shall be performed with water control in mind. Containment of water is necessary to prevent water from damaging areas on floors below.
3. Plumbing drawings are schematic in nature. Field verify exact pipe routing and coordinate with all other trades.
4. All piping in plumbing chases shall be arranged to allow maintenance access.
5. No piping to run over electrical panels, VFD's or MCC's. Protect equipment with a 42" deep zone in front of panels, VFD's, and MCC's.
6. Coordinate fan room floor drain and floor sink locations with cooling coil, evaporative section, and heating coil locations.
7. Contractor to provide valve identification and location on all ceiling tiles where valves are located.
8. Piping and routing shown, including all below floor deck piping is approximate. It is up to the contractor to field verify the exact location and size of all piping.
9. Refer to architectural drawings for fixture mounting heights, dimensions, and other requirements.
10. Contractor to verify connection side of ADA fixtures and adjust accordingly. Install flush valves handles on wide side of all fixtures.
11. Locate all vents minimum 25' away from air intakes.
12. Install all domestic water lines below ductwork.
13. Install a 24" x 24" access door below all isolation valves, balancing valves and water hammer arrestors where mounted above hard ceilings.
14. Mount all isolation valves, control valves, balancing valves, etc. Near ceiling height for accessibility.
15. Install all equipment with sufficient clearance for maintenance per manufacturers recommendation.
16. Coordinate all floor penetrations with structural and provide sleeves as necessary.
17. Coordinate the location of the floor drain, shower drain, or floor sink with architectural and structural, typical.
18. See plumbing fixture schedule for pipe sizes of waste, vent and domestic water to/from single fixture.
19. Hose bibbs shown at lavatories are to be mounted at an accessible location under the lavatory.
20. Locate circuit setters, valves, water hammer arrestors, etc. In accessible locations. Provide 24" x 24" access panel where item is located above a hard ceiling. Provide appropriately sized access doors to any of these items installed in a wall. Coordinate access door size, location, and style with architect.
21. Drain pans shall be installed under any piping that may contain water installed in an electrical, data, it, or other room with sensitive electrical equipment. This includes, but is not limited to hydronic, waste, domestic, roof drain, etc.
22. Field verify location and inverts of site utilities prior to installation.
23. Field verify all new water, waste and vent piping connections and provide new connections as required for properly operating systems.
24. Waste and vent piping below floor and through floor to be 2" minimum.
25. Install cleanouts in drain piping as indicated, and where not indicated, according to the following.
25.1 • Size same as drainage piping up to 4" NPS. Use 4" NPS for larger. Drainage piping unless larger cleanout is indicated.
25.2 • Locate at minimum intervals of 50 ft for piping 4" NPS and smaller and 100 ft for larger piping.
25.3 • Locate at the base of each vertical stack.
26. All piping utilized in conditioned air streams, conditioned spaces, or return air plenums shall comply with NFPA 90A flame spread, smoke development, and fuel contribution ratings of 25/50/0, respectively, as well as all applicable building codes and project specifications.
27. Where non-plenum-rated piping is permitted or required within conditioned air streams, conditioned spaces, or return air plenums, it shall be insulated to achieve NFPA 90A flame spread, smoke development, and fuel contribution ratings of 25/50/0, respectively, and shall comply with all applicable building codes and project specifications.

HVAC SHEET INDEX

M001	HVAC TITLE SHEET
MZ101	MECHANICAL ZONING PLAN
MD101	MECHANICAL DEMOLITION PLAN
MH101	MECHANICAL FLOOR PLAN
MPD101	MECHANICAL PIPING DEMOLITION PLAN
MP101	MECHANICAL PIPING PLAN
M501	MECHANICAL DETAILS
M601	MECHANICAL SCHEDULES

Plumbing Sheet Index

PD101	PLUMBING DEMOLITION PLAN
PE101	PLUMBING FLOOR PLAN
P501	PLUMBING DETAILS
P601	PLUMBING SCHEDULES

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE # 350
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LICENSED PROFESSIONAL ENGINEER — No. 11573858-2202 — TREVOR DONEY — STATE OF UTAH

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BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
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IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
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REVISIONS

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HVAC TITLE SHEET

M001

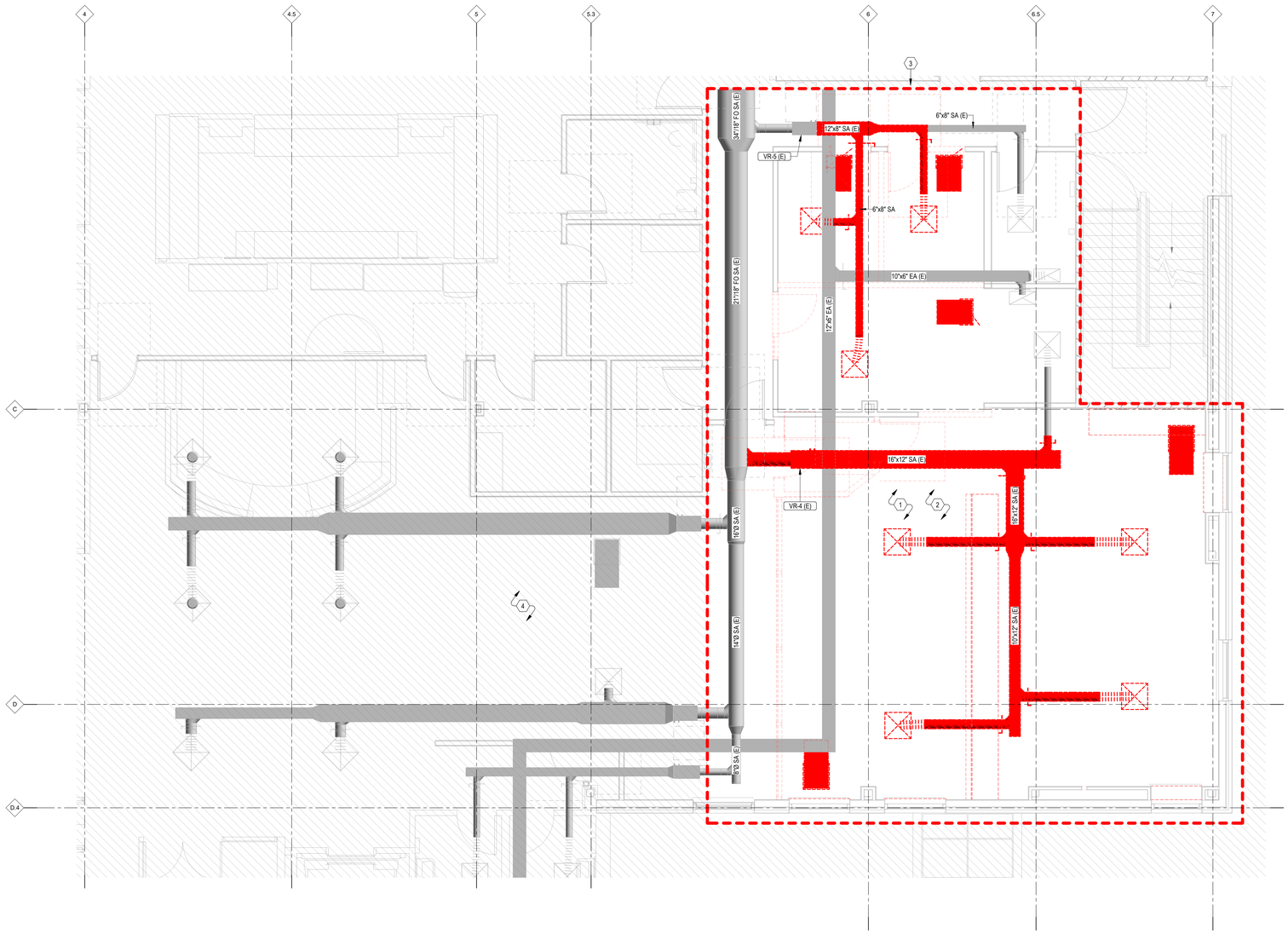
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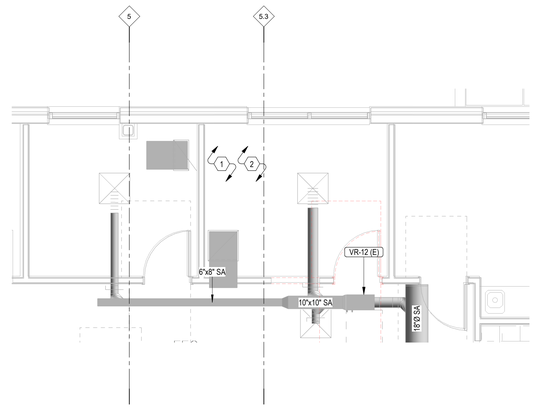
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CAD USER: INCLINE ARCHITECTS

KEYNOTES

1 EXISTING SYSTEMS SHOWN IN RED TO BE DEMOLISHED, TYPICAL.
2 EXISTING SYSTEMS SHOWN IN LIGHT GREY TO REMAIN, TYPICAL.
3 SCOPE OF WORK BOUNDARY.
4 HATCHED AREA NOT IN PROJECT SCOPE.



1 MECHANICAL DEMO FLOOR PLAN
1/4" = 1'-0"



2 OFFICE MECHANICAL DEMO FLOOR PLAN
1/4" = 1'-0"

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE # 550
SALT LAKE CITY, UTAH 84102

LICENSED PROFESSIONAL ENGINEER
No. 11573858-2202
TREVOR DONEY
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
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MECHANICAL DEMOLITION PLAN

MD101

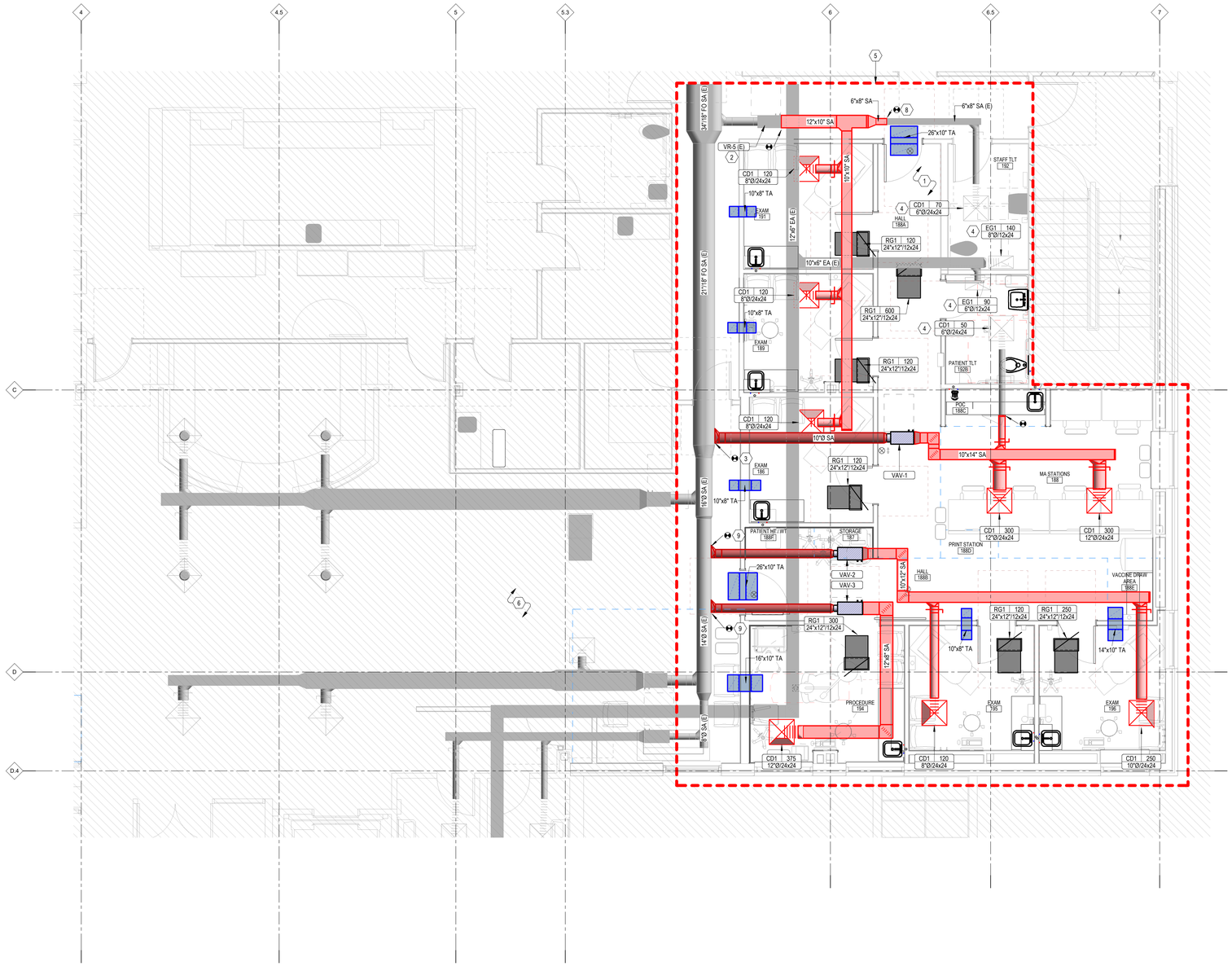
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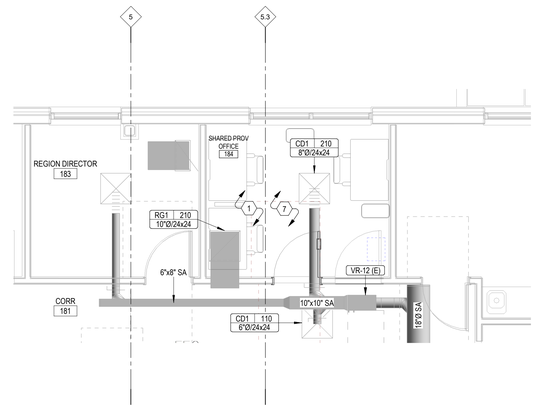
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PLOTTED BY: JAKE
ARCHITECTS

KEYNOTES

1. EXISTING SYSTEMS SHOWN IN LIGHT TO REMAIN. TYPICAL.
2. REBALANCE EXISTING VAV TO NEW CFM SHOWN ON SCHEDULE, SEE SHEET M601.
3. CONNECT NEW 10" MEDIUM PRESSURE DUCT TO EXISTING 21"/18" OVAL DUCT.
4. BALANCE EXISITNG GRILLES/DIFFUSERS TO THE INDICATED CFM.
5. SCOPE OF WORK BOUNDARY.
6. HATCHED AREA NOT IN PROJECT SCOPE.
7. CLEAN DIFFUSERS AND RE-BALANCE TO CFM AS SHOWN IN EXISTING.
8. CONNECT NEW 6"X8" DUCT TO EXISTING 6"X8" EXISTING DUCT.
9. CONNECT NEW 8" MEDIUM PRESSURE DUCT TO EXISTING 14" OVAL DUCT.



1 MECHANICAL FLOOR PLAN
1/4" = 1'-0"



2 OFFICE MECHANICAL FLOOR PLAN
1/4" = 1'-0"

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TREVOR DONEY
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

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181 E 5600 S. SUITE 200
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MECHANICAL FLOOR PLAN

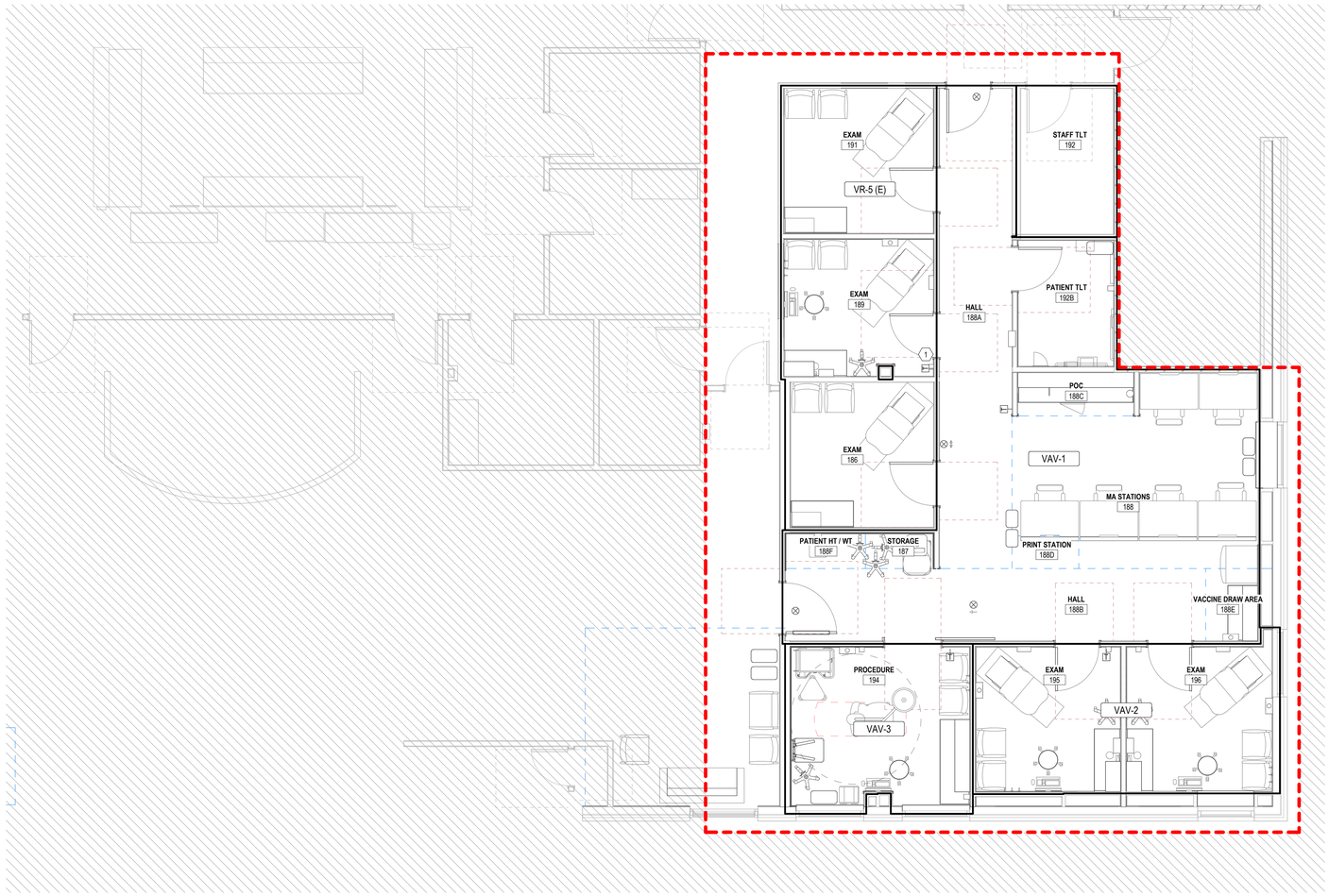
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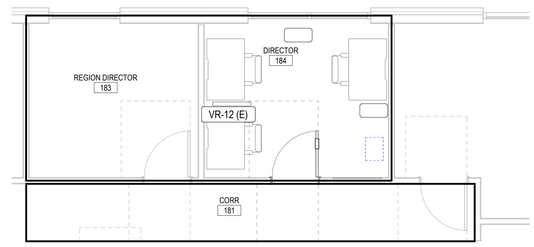
MH101

KEYNOTES

1 RELOCATE EXISING THERMOSTAT FOR VR-5 (E). COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECT.



1 MECHANICAL ZONE PLAN
1/4" = 1'-0"



2 OFFICE MECHANICAL ZONE PLAN
1/4" = 1'-0"

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE # 100
SALT LAKE CITY, UTAH 84102

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No. 11573858-2202
TREVOR DONEY
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

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MECHANICAL ZONE PLAN

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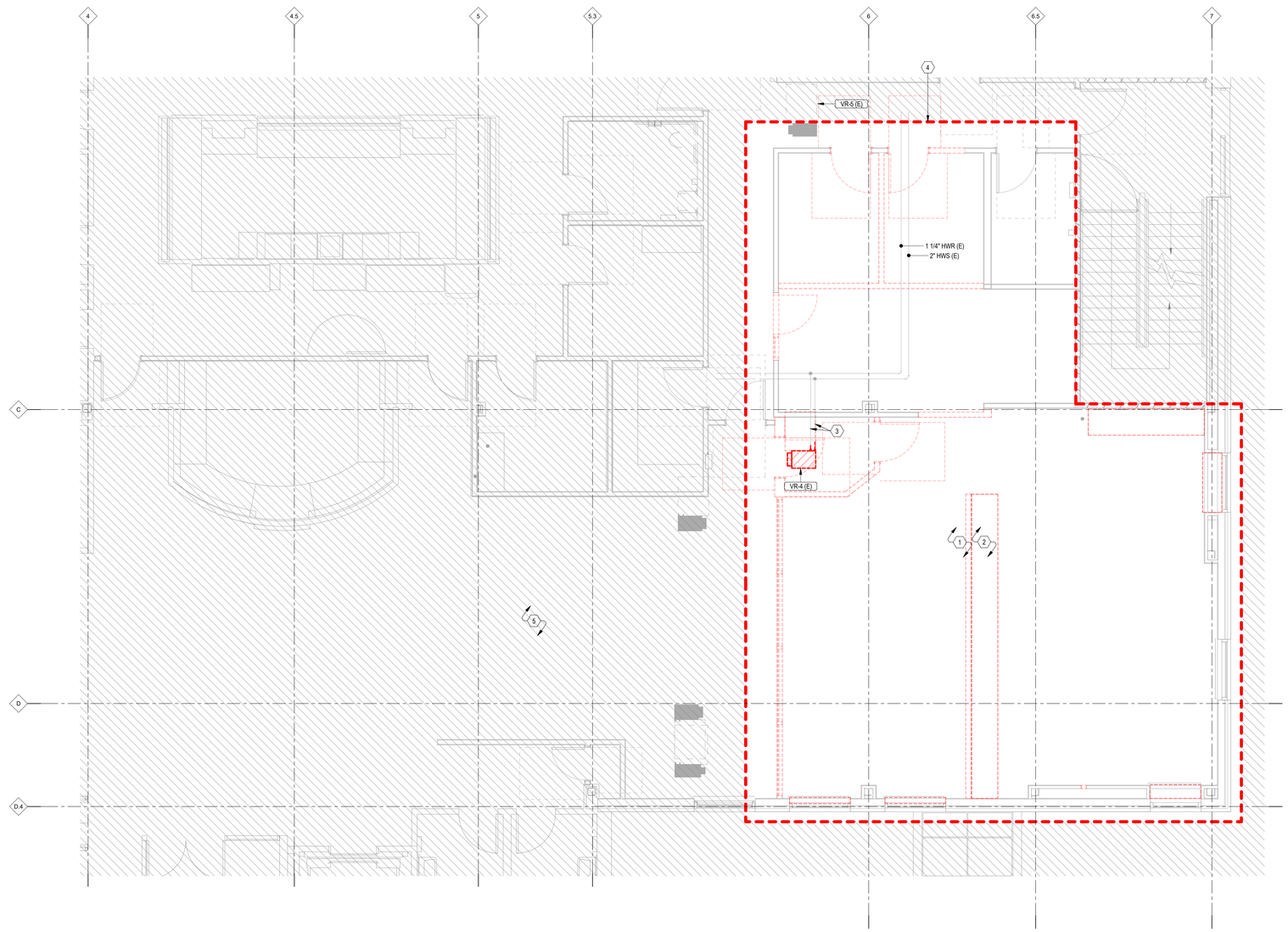
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MZ101

PLOT DATE:
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INCLINE ARCHITECTS

KEYNOTES

1. EXISTING SYSTEMS SHOWN IN RED TO BE DEMOLISHED, TYPICAL.
2. EXISTING SYSTEMS SHOWN IN LIGHT TO REMAIN, TYPICAL.
3. EXISTING 3/4" LINES WILL BE USED FOR NEW VAV.
4. SCOPE OF WORK BOUNDARY.
5. HATCHED AREA NOT IN PROJECT SCOPE.



1 MECHANICAL PIPING DEMO FLOOR PLAN
1/4" = 1'-0"

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SALT LAKE CITY, UTAH 84102

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TREVOR DONEY
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

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MECHANICAL PIPING DEMOLITION PLAN

MPD101

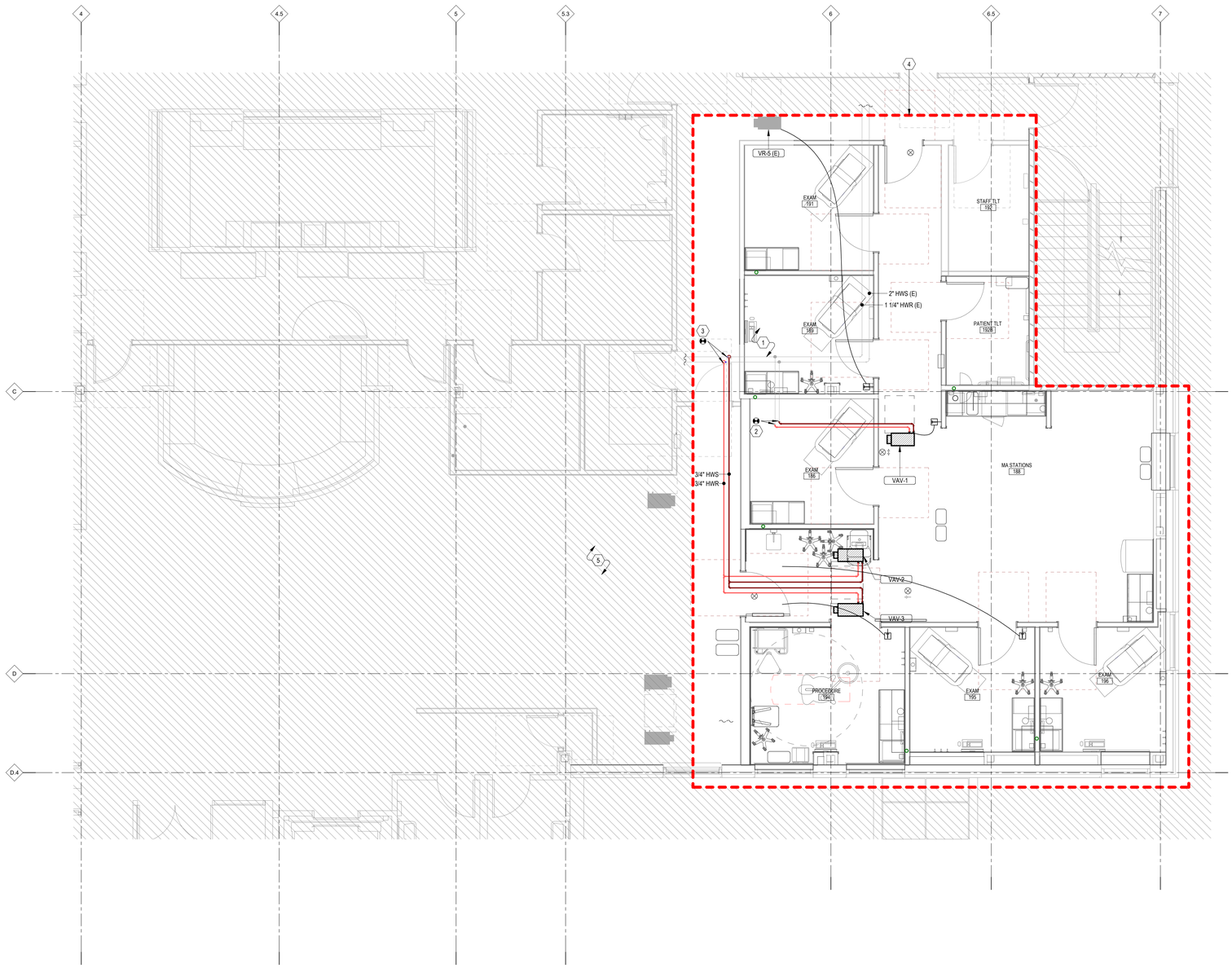
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PLOTTED BY: JAKE
ARCHITECTS

KEYNOTES

1. EXISTING SYSTEMS SHOWN IN LIGHT TO REMAIN. TYPICAL.
2. CONNECT NEW 3/4" HWS/HWR LINES TO EXISTING 3/4" HWS/HWR LINES.
3. CONNECT NEW 3/4" HWS/HWR LINES TO EXISTING 2" HWS LINE AND 1-1/4" HWR LINE.
4. SCOPE OF WORK BOUNDARY.
5. HATCHED AREA NOT IN PROJECT SCOPE.



1 MECHANICAL PIPING FLOOR PLAN
1/4" = 1'-0"

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE # 550
SALT LAKE CITY, UTAH 84102

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TREVOR DONEY
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
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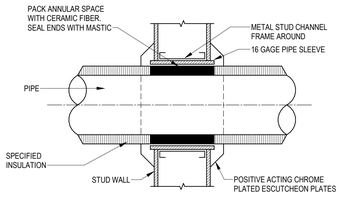
MECHANICAL PIPING PLAN

MP101

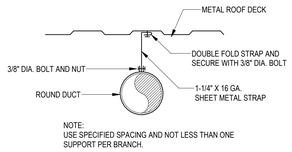
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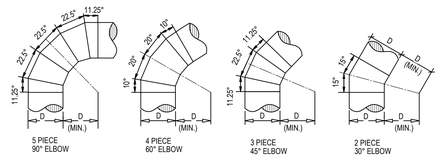
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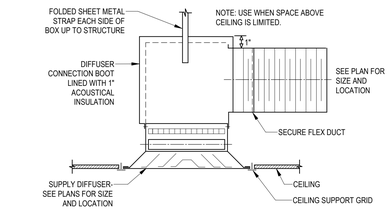
13 M501 PIPE THROUGH STUD WALL DETAIL
12" = 1'-0"



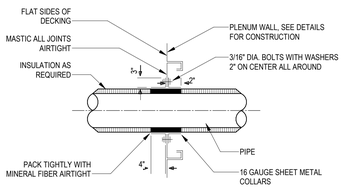
9 M501 ROUND DUCT SUPPORT DETAIL
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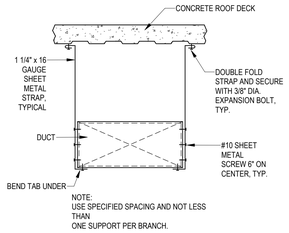
5 M501 ROUND DUCT ELBOWS DETAIL
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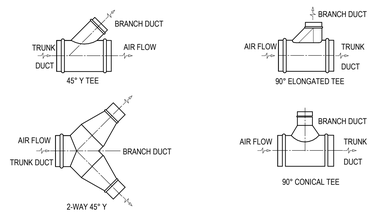
1 M501 LIMITED SPACE DIFFUSER CONNECTION DETAIL
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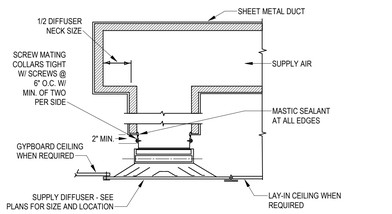
14 M501 PIPE THRU PLENUM WALL DETAIL
12" = 1'-0"



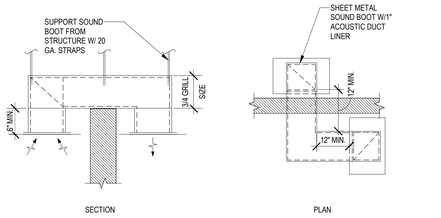
10 M501 RECTANGULAR DUCT DETAIL
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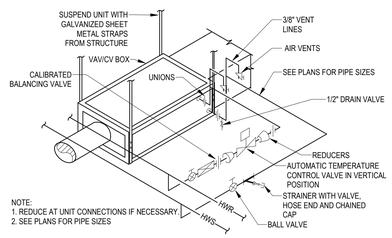
6 M501 ROUND DUCT BRANCH TAKE-OFF DETAIL
12" = 1'-0"



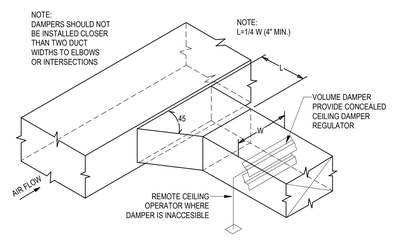
2 M501 DUCT MOUNTED DIFFUSER CONNECTION DETAIL
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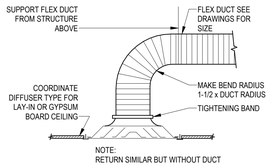
15 M501 RA TRANSFER GRILL WITH SOUND BOOT DETAIL
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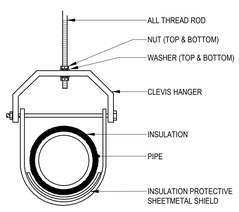
11 M501 VAV/CV TERMINAL UNIT WITH 2-WAY CONTROL VALVE DETAIL
12" = 1'-0"



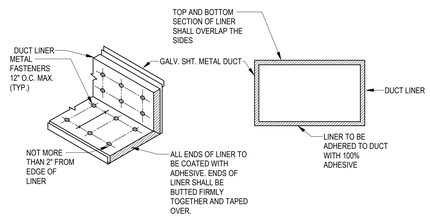
7 M501 BRANCH DUCT TAKE-OFF WITH DAMPER DETAIL
12" = 1'-0"



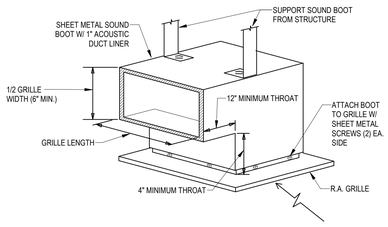
3 M501 DIFFUSER CONNECTION DETAIL
12" = 1'-0"



12 M501 CLEVIS HANGER DETAIL
12" = 1'-0"



8 M501 RECTANGULAR DUCT LINER DETAIL
12" = 1'-0"



4 M501 RA GRILLE WITH SOUND BOOT DETAIL
12" = 1'-0"

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JESSE WARE
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No. 11573858-2202
TREVOR DONEY
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
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Project #: 250801

M501

VAV BOX SCHEDULE

Identity Mark	Manufacturer	Inlet Size Text	Cooling Airflow	Heating Airflow	Min Airflow	Entering Air Temperature	Leaving Air Temperature	S.P. Loss at Max CFM	Flow Rate	Entering Water Temperature	Leaving Water Temperature	Working Fluid	Head Loss Feet	Min. Number of Rows/Fins Per Inch	Valve Type	PIPE SIZE	Notes
VAV-1	TITUS -ESV-3	8"	650 CFM	650 CFM	550 CFM	52 °F	89 °F	0.365	1.5 GPM	180 °F	151 °F	WATER	0.4775	2/10	2 Way Valve	3/4"	
VAV-2	TITUS -ESV-3	6"	370 CFM	370 CFM	200 CFM	52 °F	95 °F	0.108	1.0 GPM	180 °F	151 °F	WATER	0.12	2/10	2 Way Valve	3/4"	
VAV-3	TITUS -ESV-3	6"	375 CFM	375 CFM	375 CFM	52 °F	94 °F	0.11	1.0 GPM	180 °F	151 °F	WATER	0.12	2/10	2 Way Valve	3/4"	
VR-5 (E)	TITUS -ESV-3	8"	430 CFM	430 CFM	430 CFM	52 °F	99 °F	0.181	1.5 GPM	180 °F	155 °F	WATER	0.4775	2/10	2 Way Valve	3/4"	
VR-12 (E)	TITUS -ESV-3	8"	430 CFM	430 CFM	260 CFM	52 °F	99 °F	0.181	1.5 GPM	180 °F	155 °F	WATER	0.4775	2/10	2 Way Valve	3/4"	

Grille, Register, and Diffuser Schedule

ID	Manufacturer and Model	Count	Description	Image
CD1	TITUS OMNI	8	STYLE: SQUARE PLAQUE FACE CEILING DIFFUSER CONSTRUCTION: STEEL FINISH: POWDER COAT WITH COLOR SELECTED BY ARCHITECT. MOUNTING: SURFACE OR LAY-IN BASED ON CEILING TYPE. PROVIDE FRAME TYPE 1 FOR SURFACE MOUNT AND FRAME TYPE 3 FOR LAY-IN. FACE SIZE: 24"X24", 20"X20", OR 12"X12". VERIFY FACE SIZE WITH ARCHITECT AND ENGINEER. CORE: REMOVABLE MAX NC: 25 DAMPER: NONE CONNECTION: ROUND OR RECTANGULAR OF SIZE SHOWN ON DRAWINGS. PROVIDE ADAPTER FITTINGS AS REQUIRED. APPLICATION: VARIABLE AIR VOLUME SUPPLY	
RG1	TITUS PAR	7	STYLE: SQUARE PERFORATED FACE CEILING GRILLE WITH ACOUSTICAL SOUND BOOT CONSTRUCTION: STEEL FINISH: SELECTED BY ARCHITECT MOUNTING: SURFACE OR LAY-IN BASED ON CEILING TYPE. PROVIDE FRAME TYPE 1 FOR SURFACE MOUNT AND FRAME TYPE 3 FOR LAY-IN. FACE SIZE: 48"X24", 24"X24", 24"X12", 20"X20", 16"X16", OR 12"X12" AS SHOWN ON PLANS. VERIFY FACE SIZE WITH ARCHITECT AND ENGINEER. MAX NC:25 DAMPER: NONE CONNECTION: RECTANGULAR SOUND BOOT PER DETAIL. SEE DETAIL SHEETS. APPLICATION: RETURN OR TRANSFER MINIMUM FREE AREA: 50%	

INCLINEARCHITECTS
747 E SOUTH TEMPLE ST. STE # 200
SALT LAKE CITY, UTAH 84102

INTERIM REVIEW ONLY

LICENSED PROFESSIONAL ENGINEER
No. 11573858-2202
TREVOR DONEY
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE
	Title Sheet Revision	

INCLINE: 25-030
OWNER: XXXXXXX

11/25/2025

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MECHANICAL SCHEDULES

M601

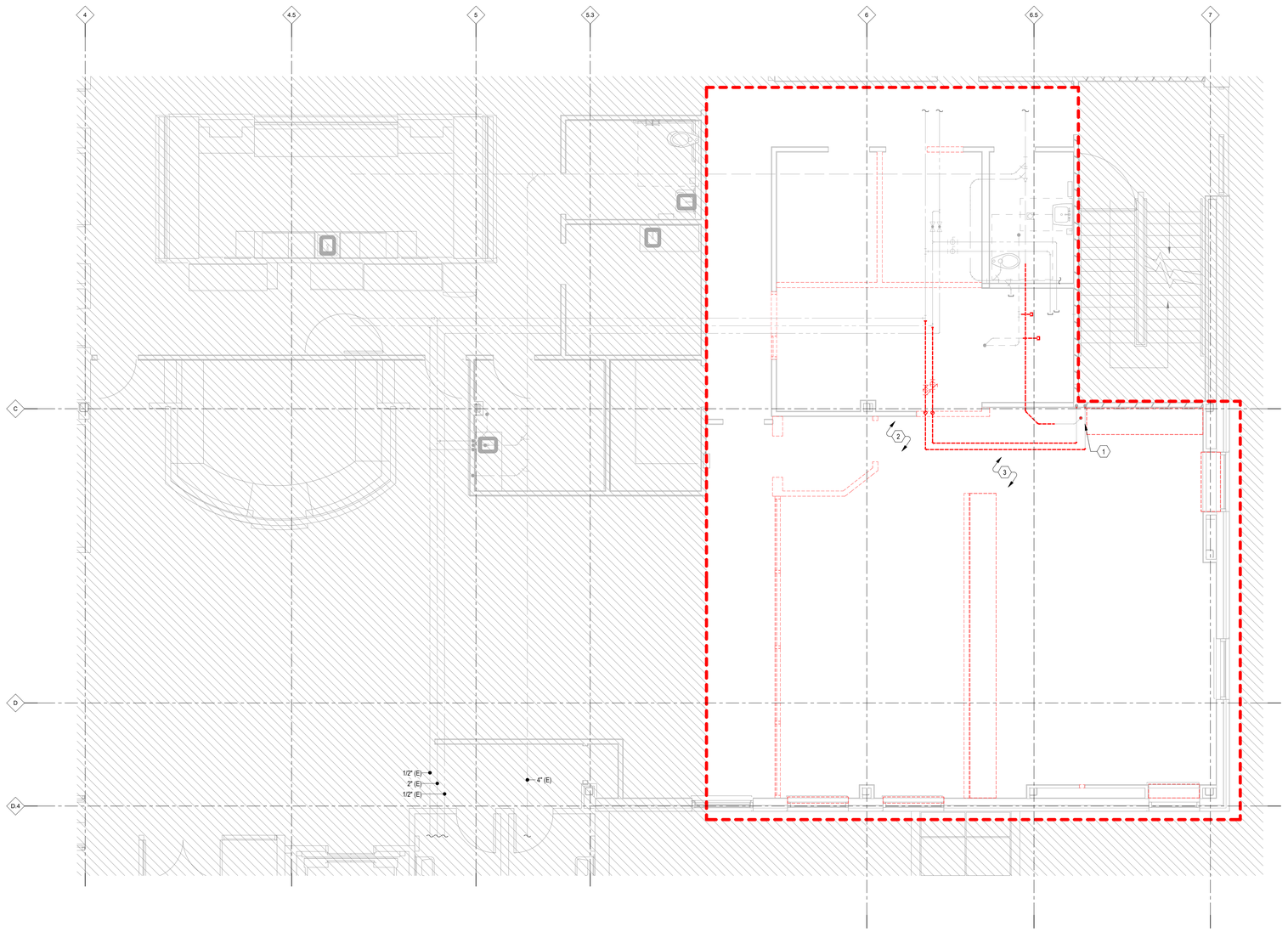
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181 E 5600 S, Murray, UT 84107 | (801) 530-3148
info@resolutgroup.com | resolutgroup.com

Project #: 250801

PLOT DATE:
11/21/2025 10:26:07 AM
PLOTTED BY:
INCLINE ARCHITECTS

KEYNOTES

1 DEMOLISH 1/2" DCW AND 1/2" DHW LINES BACK TO MAIN.
2 EXISTING SYSTEMS SHOWN IN RED TO BE DEMOLISHED, TYPICAL.
3 EXISTING SYSTEMS SHOWN IN LIGHT GREY TO REMAIN, TYPICAL.



1 PLUMBING DEMO FLOOR PLAN
1/4" = 1'-0"

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SALT LAKE CITY, UTAH 84102

LICENSED PROFESSIONAL ENGINEER
No. 11573858-2202
TREVOR DONEY
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
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PLUMBING DEMOLITION PLAN

PD101

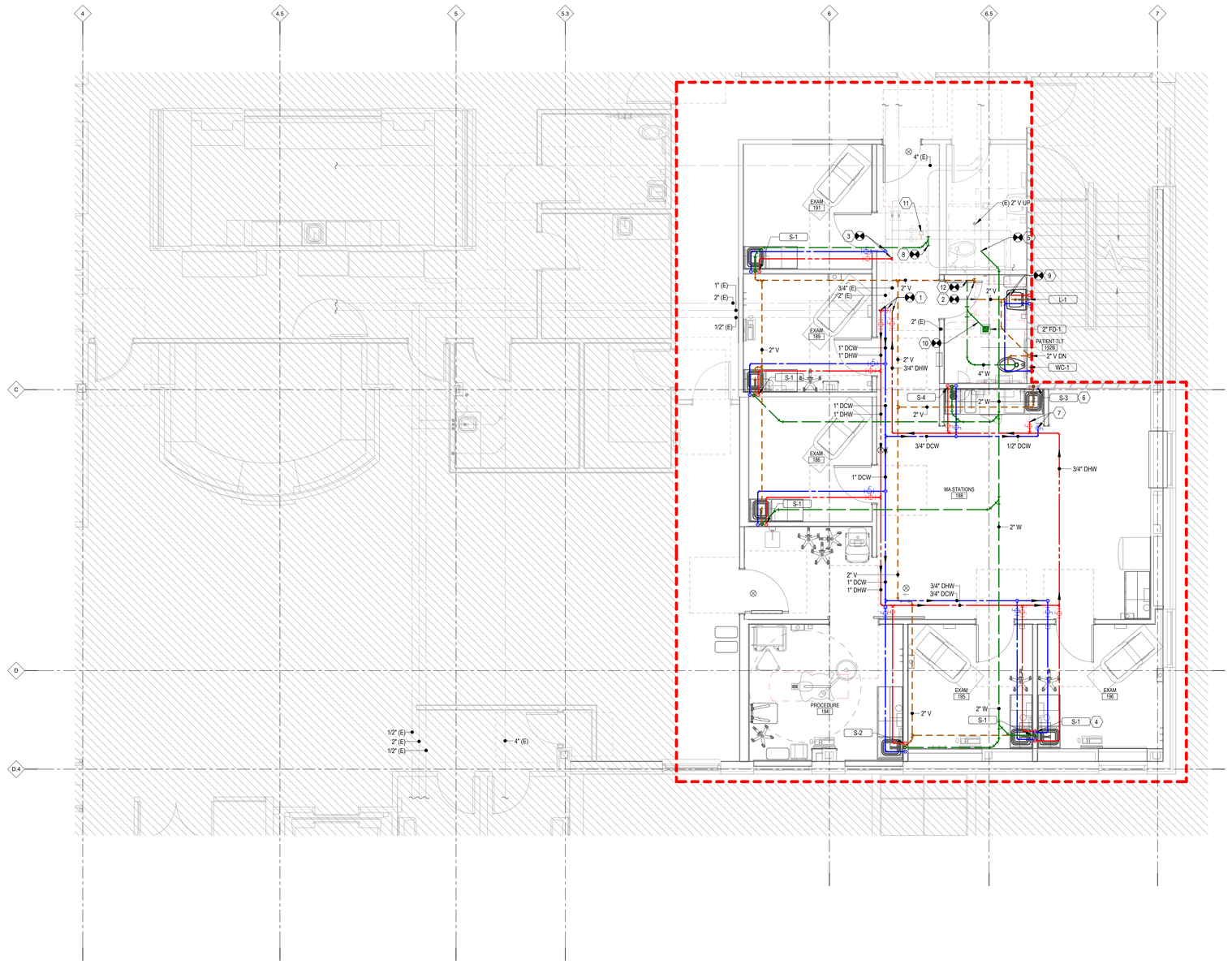
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BY: TREVOR DONEY
INCLINE ARCHITECTS

KEYNOTES

1	CONNECT 1" DHW, 3/4" DHWR, AND 1" DCW TO EXISTING 1" DHW, 3/4" DHWR, AND 2" DCW RESPECTIVELY.
2	CONNECT NEW 2" VENT LINE TO EXISTING 2" VENT LINE.
3	CONNECT NEW 1/2" DHW AND 1/2" DCW LINES TO EXISTING 3/4" DHW AND 2" DCW LINES.
4	2" WASTE LINE FOR S-1 TO SHARE WASTE LINE WITH S-1 IN ADJACENT ROOM.
5	CONNECT NEW 2" WASTE LINE TO EXISTING 2" WASTE LINE.
6	EXISTING UTILITY CONNECTIONS FROM EXISTING SINK TO REMAIN. NEW FAUCET AND BASIN TO BE INSTALLED SEE PLUMBING FIXTURE SCHEDULE ON SHEET P601.
7	CONNECT NEW 1/2" DHW AND 1/2" DCW TO EXISTING 1/2" DHW AND 1/2" DCW.
8	CONNECT NEW 2" WASTE LINE TO EXISTING 4" WASTE LINE.
9	CONNECT NEW 1" DCW AND 1/2" DHW LINE TO EXISTING 1" DCW AND 1/2" DHW LINE.
10	EXISTING 1-1/2" VENT LINE TO SERVE NEW 2" WASTE FOR FLOOR DRAIN.
11	PROVIDE WATER HAMMER ARRESTOR DOWNSTREAM OF ISOLATION VALVE.
12	CONNECT NEW 4" WASTE LINE TO EXISTING 4" WASTE LINE.



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

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No. 11573858-2202
TREVOR DONEY
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

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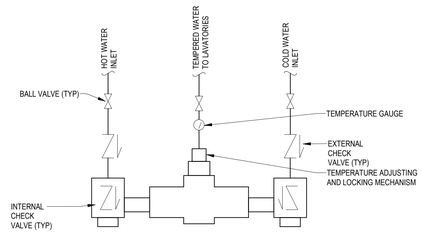
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PLUMBING FLOOR PLAN

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PE101



NOTE: INSTALL DOUBLE CHECK VALVES ON INLETS IF TMV DOES NOT HAVE INTEGRAL CHECK VALVES

1 / P501 THERMOSTATIC MIXING VALVE DETAIL
12" = 1'-0"

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No. 11573858-2202
TREVOR DONEY
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

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PLUMBING DETAILS

P501

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PLUMBING FIXTURE SCHEDULE

ID	FIXTURE	CW (IN)	HW (IN)	W (IN)	V (IN)	DESCRIPTION
L-1	LAVATORY	1/2	1/2	2	1 1/2	LAVATORY: KOHLER K2030 GREENWICH, 20" X 18", VITREOUS CHINA, WALL MOUNTED, 8" CENTERS FAUCET HOLES, OVERFLOW DRAIN, ADA; CHICAGO 786-GN2FCXKABCP FAUCET, WITH WRIST BLADE HANDLES, GN2 5-1/4" RIGID/SWING GOOSENECK WITH PLAIN END SPOUT AND 1.5 GPM LAMINAR FLOW CONTROL IN SPOUT INLET.CHICAGO FAUCETS 327-XCP 1-1/4" O.D. LAVATORY TAILPIECE;FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS; CAST BRASS P-TRAP WITH CLEAN-OUT PLUG; ADA COMPLIANT UNDER COUNTER PIPING WRAP BY TRUE-BRO, COLOR TO BE WHITE
WC-1	WATERCLOSET	1	-	4	2	WATER CLOSET: KOHLER K-96057 HIGHCLIFF ULTRA VITREOUS CHINA, FLOOR MOUNTED, ELONGATED BOWL, 1-1/2" TOP SPUD, ADA TOILET;SLOAN ROYAL 111-1.28 FLUSH VALVE, 1.28 GPF, INSTALL ACTUATOR ON WIDE SIDE OF FIXTURE;KOHLER K-4670-C LUSTRA ELONGATED OPEN FRONT SOLID PLASTIC TOILET SEAT.
FD-1	FLOOR DRAIN	-	-	2	1.5	SMITH FIGURE 2005Y FLOOR DRAIN WITH CAST IRON BODY AND FLASHING COLLAR WITH 6-INCH ROUND NICKEL BRONZE ADJUSTABLE STRAINER HEAD WITH SECURED GRATE. PROVIDE TRAP GUARD TYPE TRAP SEAL DEVICE.
S-1	EXAM SINK	1 1/2	1 1/2	2	1 1/2	SINK:ELKAY LRADQ 131665 15"X10"X6-1/2" I.D. COUNTER MOUNT 18 GA. STAINLESS STEEL SINK WITH 3 HOLES ON 4" CENTER DRILLING WITH REAR CENTER DRAIN LOCATION . CHICAGO FAUCETS 786-GN2FCXKABCP MANUAL FAUCET, HOT AND COLD WATER, DECK MOUNTED, 8" CENTERS, 5-1/4" PLAIN END GOOSENECK SPOUT, 1.5 GPM, 4" WRISTBLADE HANDLES JUST J-35-FS; CHROME PLATED BRASS DRAIN WITH FLAT STRAINER, 1-1/2" TAILPIECE; FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ½ ANGLE STOPS; CAST BRASS P-TRAP WITH CLEAN-OUT PLUG; ADA COMPLIANT UNDER COUNTER PIPING WRAP BY TRUE-BRO, COLOR TO BE WHITE.
S-2	PROCEDURE RM SINK	1/2	1/2	2	1 1/2	SINK: ELKAY LRAD151755 12" X 12" X 5-1/2" BOWL, TYPE 316 16 GA. STAINLESS STEEL, 8" CENTERS DRILLING, DROP-IN COUNTERTOP MOUNTED SINK, WITH CHICAGO FAUCETS 786-GN2FCXKABCP MANUAL FAUCET, HOT AND COLD WATER, DECK MOUNTED, 8" CENTERS, 5-1/4" RIGID/SWING GOOSENECK SPOUT WITH 1.5 GPM LAMINAR FLOW CONTROL AND PLAIN END SPOUT. FURNISH WITH JUST J8-99 STAINLESS STEEL DRAIN FITTING WITH CUP DRAIN STRAINER, CAST BRASS P-TRAP WITH CLEAN-OUT PLUG, AND FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS.
S-3	MA STATION SINK	-.-	-.-	-.-	-.-	SINK: ELKAY LRAD151755 12" X 12" X 5-1/2" BOWL, TYPE 316 16 GA. STAINLESS STEEL, 8" CENTERS DRILLING, DROP-IN COUNTERTOP MOUNTED SINK, WITH CHICAGO FAUCETS 786-GN2FCXKABCP MANUAL FAUCET, HOT AND COLD WATER, DECK MOUNTED, 8" CENTERS, 5-1/4" RIGID/SWING GOOSENECK SPOUT WITH 1.5 GPM LAMINAR FLOW CONTROL AND PLAIN END SPOUT. FURNISH WITH JUST FLAT GRID STRAINER, CAST BRASS P-TRAP WITH CLEAN-OUT PLUG, AND FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS.
S-4	SAMPLE SINK	1/2	1/2	2	1 1/2	SINK:T&S BRASS AND BRONZE WORKS DIPPERWELL BOWL AND DRAIN ASSEMBLY 006678-45, ROUND, COUNTER MOUNT SINGLE BOWL, CHICAGO 929-LESH SINGLE HOLE HOT AND COLD WATER FAUCET WITH GN2FC 5". PLAIN END GOOSENECK SPOUT WITH 1.5 GPM FLOW CONTROL IN BASE OF THE SPOUT AND 317 4" WRIST BLADE HANDLES. PROVIDE CHICAGO 131-FMAB THERMOSTATIC MIXING VALVE WITH SLOAN EFT-470-A CHECK VALVES ON HOT AND COLD LINES. FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS AND CAST BRASS P-TRAP WITH CLEAN-OUT PLUG.

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE # 100
SALT LAKE CITY, UTAH 84102

LICENSED PROFESSIONAL ENGINEER
No. 11573858-2202
TREVOR DONEY
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

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REVISIONS

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	Title Sheet Revision	

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PLUMBING SCHEDULES

P601

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Project #: 250801

PLOT DATE:
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ARCHITECTS

Automatic Sprinkler Design Criteria

Symbol	Occupancy Hazard Classification	Design Density (GPM/SF)	Design Area
R	Residential (Dwelling) Occupancy	0.05	400 SF
LH	Light Hazard Occupancy	0.10	1500 SF
OH1	Ordinary Hazard, Group 1 Occupancy	0.15	1500 SF
OH2	Ordinary Hazard, Group 2 Occupancy	0.20	1500 SF
EH1	Extra Hazard, Group 1 Occupancy	0.30	2500 SF
EH2	Extra Hazard, Group 2 Occupancy	0.40	2500 SF
S	Special Hazard Occupancy		

Occupancy Hazard Classification

Location No.	Location Name	Area	Occupancy Hazard Classification Symbol
Not Placed			
006	Space	Not Placed	(none)
007	Space	Not Placed	(none)
008	Space	Not Placed	(none)
011	Space	Not Placed	(none)
015	Space	Not Placed	(none)
016	Space	Not Placed	(none)
017	Space	Not Placed	(none)
018	Space	Not Placed	(none)
020	Space	Not Placed	(none)
021	Space	Not Placed	(none)
026	Space	Not Placed	(none)
Not Placed: 11		0 SF	
Dynamic Legend			
###	Space	27 SF	(none)
###	Space	29 SF	(none)
Dynamic Legend: 2		56 SF	
LEVEL 01			
004	Space	104 SF	(none)
005	Space	104 SF	(none)
009	Space	2 SF	(none)
010	Space	123 SF	(none)
012	Space	119 SF	(none)
013	Space	148 SF	(none)
014	Space	115 SF	(none)
019	Space	65 SF	(none)
022	Space	134 SF	(none)
023	Space	100 SF	(none)
024	Space	102 SF	(none)
025	Space	99 SF	(none)
027	Space	58 SF	(none)
028	Space	103 SF	(none)
029	Space	97 SF	(none)
030	Space	193 SF	(none)
031	Space	166 SF	(none)
032	Space	18 SF	(none)
033	Space	145 SF	(none)
034	Space	12 SF	(none)
035	Space	24 SF	(none)
037	Space	14 SF	(none)
038	Space	10 SF	(none)
181	CORR	110 SF	(none)
183	REGION DIRECTOR	111 SF	(none)
184	DIRECTOR	121 SF	(none)
LEVEL 01: 26		2394 SF	
Grand total: 39		2449 SF	

General Plan Symbols

- Plan Revision Number
- Detail Number on Sheet / Sheet Number Where Detail is Placed
- Keynote Symbol
- Continuation Symbol
- Point Where New Connects to Existing
- Point Where Existing is to be Demolished
- Room Name / Number (Room / 1)
- Area Being Demolished
- Area Not In Contract

ABBREVIATIONS

Ø	ROUND	LVR	LOUVER
ABV	ABOVE	MAX	MAXIMUM
AD	AREA DRAIN	MD	MOTORIZED DAMPER
ADD	ADDENDUM	MECH	MECHANICAL
AFF	ABOVE FINISHED FLOOR	MFR	MANUFACTURER
ALT	ALTERNATE	MIN	MINIMUM
AP	ACCESS PANEL	MISC	MISCELLANEOUS
ARCH	ARCHITECT/ARCHITECTURAL	MTR	MOTOR
BFF	BELOW FINISHED FLOOR	NC	NORMALLY CLOSED
BLW	BELOW	NIC	NOT IN CONTRACT
CAP	CAPACITY	NO	NUMBER
CB	CATCH BASIN	NO	NORMALLY OPEN
CLG	CEILING	NTS	NOT TO SCALE
CO	CLEAN OUT	PD	PRESSURE DROP
CW	COLD WATER	PIV	POST INDICATOR VALVE
D	DEGREE	PRESS	PRESSURE
DIA	DIAMETER	PRV	PRESSURE REDUCING VALVE
DN	DOWN	PSI	POUNDS PER SQUARE INCH
EA	EACH	PSIG	POUNDS PER SQUARE INCH GAUGE
ELEC	ELECTRICAL	PWR	POWER
EQUIP	EQUIPMENT	REC	RECESSED
E/A	EXHAUST AIR	RED	REDUCER
F	DEGREES FAHRENHEIT	RM	ROOM
FD	FLOOR DRAIN	RPM	REVOLUTIONS PER MINUTE
FDC	FIRE DEPARTMENT CONNECTION	SF	SQUARE FOOT
FL	FLOOR	SAN	SANITARY
FO	FUEL OIL	SF	SQUARE FOOT
FOV	FUEL OIL VENT	SD	SMOKE DAMPER
FOR	FUEL OIL RETURN	SM	SURFACE MOUNT
FOS	FUEL OIL SUPPLY	SP	STANDPIPE
FPM	FEET PER MINUTE	SP	STATIC PRESSURE
FT	FOOT/FEET	T	THERMOSTAT
GAL	GALLON	TD	TEMPERATURE DROP
GF	GAS-FIRED	TEMP	TEMPERATURE
GC	GENERAL CONTRACTOR	TYP	TYPICAL
GPM	GALLONS PER MINUTE	UG	UNDERGROUND
HB	HOSE BIB	V	VENT
HP	HORSE POWER	VENT	VENTILATION
HTR	HEATER	W	WASTE
HYD	HYDRANT	WH	WALL HYDRANT
ID	INDIRECT		
IN	INCH		
INV	INVERT		
LB	POUND		

EQUIPMENT ABBREVIATIONS

AC	AIR CONDITIONING UNIT	ET	EXPANSION TANK
ACCU	AIR COOLING CONDENSING UNIT	EWH	ELECTRIC WATER HEATER
AHU	AIR HANDLING UNIT	FCU	FAN COIL UNIT
AS	AIR SEPARATOR	FP	FIRE PUMP
B	BOILER	GI	GREASE INTERCEPTOR
CH	CHILLER	GRV	GRAVITY ROOF VENTILATOR
CT	COOLING TOWER	HWP	HEATING WATER PUMP
CUH	CABINET UNIT HEATER	HRU	HEAT RECOVERY UNIT
CHWP	CHILLED WATER PUMP	PRV	POWER ROOF VENTILATOR
DBP	DOMESTIC WATER BOOSTER PUMP	RE	RETURN/EXHAUST FAN
DC	DUCT MOUNTED COIL	RTU	ROOFTOP UNIT
DCP	DOMESTIC WATER CIRCULATING PUMP	SP	SUMP PUMP
EF	EXHAUST FAN	UH	UNIT HEATER
EDC	ELECTRIC DUCT COIL	WH	WATER HEATER

* NOTE *

ALL OF GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET.THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.

Fire Protection Symbols

- 2" — Nominal Pipe Size
- Above Ground Piping
- 1/8" / 12" SLOPE — Below Ground Piping / Pipe Slope (When Applicable)
- (E) — Existing Pipe To Remain
- Pipe To Be Demolished
- FPW
- FPD
- FPPA
- F/W
- FP-O
- Upright Sprinkler
- Pendent Sprinkler
- Recessed Sprinkler
- Concealed Head
- Upright Sprinkler
- Sidewall Sprinkler
- Extended Coverage Sprinkler
- Standpipe Valve
- 48"x18" SA — Obstruction From Ductwork 48" and Greater
- Check Valve
- Alarm Check Valve
- Tamper Detection Valve
- Dry Pipe Valve
- Indicating Butterfly Valve
- Post Indicator Valve
- Valve Nonrising Stem
- OS&Y Valve
- Preaction Valve
- Deluge Valve
- Thrust Block
- Pipe Anchor
- Freestanding Siamese Fire Department Connection
- Siamese Fire Department Connection
- Single Fire Department Connection
- Riser Assembly
- Double Check (OS&Y)
- Double Check (Butterfly with Tamper)
- Reduced Pressure Zone
- X — Equipment Identity

Fire Protection General Notes

1. Contractor's scope and responsibility includes: Provide the design, materials, labor, approvals, and otherwise as necessary for a complete fire sprinkler system.
2. The design of this fire sprinkler system, including all of its pipe layout, sprinkler layout, fittings, connections, valves, hanging & bracing, anchors, attachments, and alarm interconnection points are hereby delegated to the contractor.
3. The design of this fire sprinkler system shall be submitted to the Engineer of Record for review prior to submission to the AHJ.
4. No fire protection line shall be designed or installed prior to close coordination with all other disciplines. Ductwork, mechanical piping and plumbing take space precedence over fire protection removal and reinstallation at the fire protection contractor's expense.
5. All work done shall be performed with water control in mind. Containment of water is necessary to prevent water from damaging surrounding area.
6. Coordinate exact location of piping with structural members, lights, reflected ceiling plans, cable tray, electrical conduits, ductwork, mechanical and plumbing piping, and all other trades and all existing conditions.
7. Fire suppression contractor shall be responsible to remove and/or reroute any and all fire protection piping, valving, supports or systems, otherwise within the fire suppression discipline regardless of who installed them or when they were installed, in order to accommodate mechanical, plumbing, electrical or other systems. Coordinate work with mechanical, electrical, plumbing or other contractors until substantial completion of project.
8. Provide alterations to the existing fire protection system as required to accommodate the new floor plan and new ceiling types. Provide a complete wet type system including new mains, branches, heads, valves, and accessories as required. Reuse existing system equipment where applicable. The system shall be installed according to manufacturer's specifications and recommendations and as per requirements of the state building code, local fire department, and all federal, state, and local authorities, NFPA, and factory mutual.
9. The buildings complete operational fire protection systems shall remain in place. This contractor shall repair any damage to this system created by the removal of any other mechanical systems or components.
10. This contractor shall coordinate phasing of sprinkler work with the general contractor prior to starting work.
11. Provide a complete wet type fire protection system as required to accommodate the floor plan and ceiling types including mains, branches, heads, valves, and accessories as required. The system shall be installed according to manufacturer's specifications and recommendations of the state building code, local fire department, and all federal, state, and local authorities, NFPA, and factory mutual.
12. The sprinkler system shall be designed based upon actual water flow test data obtained at or near the job site.
13. Refer to reflected ceiling plans for additional information regarding sprinkler head location and pipe, unless noted otherwise.
14. Division 21 contractor shall coordinate with the electrical contractor for proper installation of the fire protection systems alarm devices involved with fire sprinkler system.
15. All sprinkler system piping shall be concealed above the suspended ceiling system, unless noted otherwise. Written authorization shall be obtained from the architect prior to exposing any piping in any room which has a suspended ceiling.
16. This contractor shall provide all additional sprinkler heads as required to ensure an approved fire protection system at no additional cost to the owner.
17. Auxiliary drains shall be exposed with 1" drain valves. When 5 or more gallons are trapped, this contractor shall provide fixed piping to an adequately sized receptor which is capable of accepting the full flow of the drain. When less than 5 gallons are trapped, a hose bib shall be provided at the drain valve.
18. Auxiliary drains shall not be located above plaster or gypsum board ceiling systems. Only by a specific written instruction from the engineer will a variance be provided.
19. An inspector's test connection shall be provided for each fire sprinkler zone. This contractor shall provide fixed piping from the test connection to an adequately sized receptor which is capable of accepting the full flow of the test. (Exterior discharge of the test connection shall be permitted only by specific written instruction from the engineer.)
20. Show all room numbers on shop drawing plans.
21. Flow test data from #### indicates the following: static pressure # psi. Residual pressure: # psi at ## GPM. The hydrants tested are approximately ### feet away from the center of the site located off the ##"" water main in ## street at an elevation of ### feet above sea level. See civil plans for hydrant location. The contractor shall perform a fire flow test in accordance with NFPA 291 to verify the flow test data given above. The data given above shall be the basis of design unless the available pressure or flow has decreased. Notify owners representative if flow test data differs from the data above. A fire protection engineer or an engineer experienced in water flow testing shall perform or witness the required flow testing and sign the report prior to the first sprinkler system submittal.
22. Route sprinkler piping such that it does not run above electrical panels, switchgear, or similar equipment. Sprinkler mains shall not run through electrical or communication rooms. Sprinkler heads in these rooms shall be served by a dedicated branch line for each room. Branch line to enter room above door.
23. This drawing indicates a general piping arrangement and suggested sizing only. This contractor shall determine the actual pipe sizing required and coordinate work with all other trades to avoid conflicts.
24. This contractor shall prepare hydraulic calculations based upon the configuration of the actual system design as shown on this contractor's shop drawings.

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE # 550
SALT LAKE CITY, UTAH 84102

LICENSED PROFESSIONAL ENGINEER
No. 11573858-2202
TREVOR DONEY
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE
	Title Sheet Revision	

INCLINE: 25-030
OWNER: XXXXXXX

11/25/2025

PERMIT SET

FIRE PROTECTION TITLE SHEET

F001

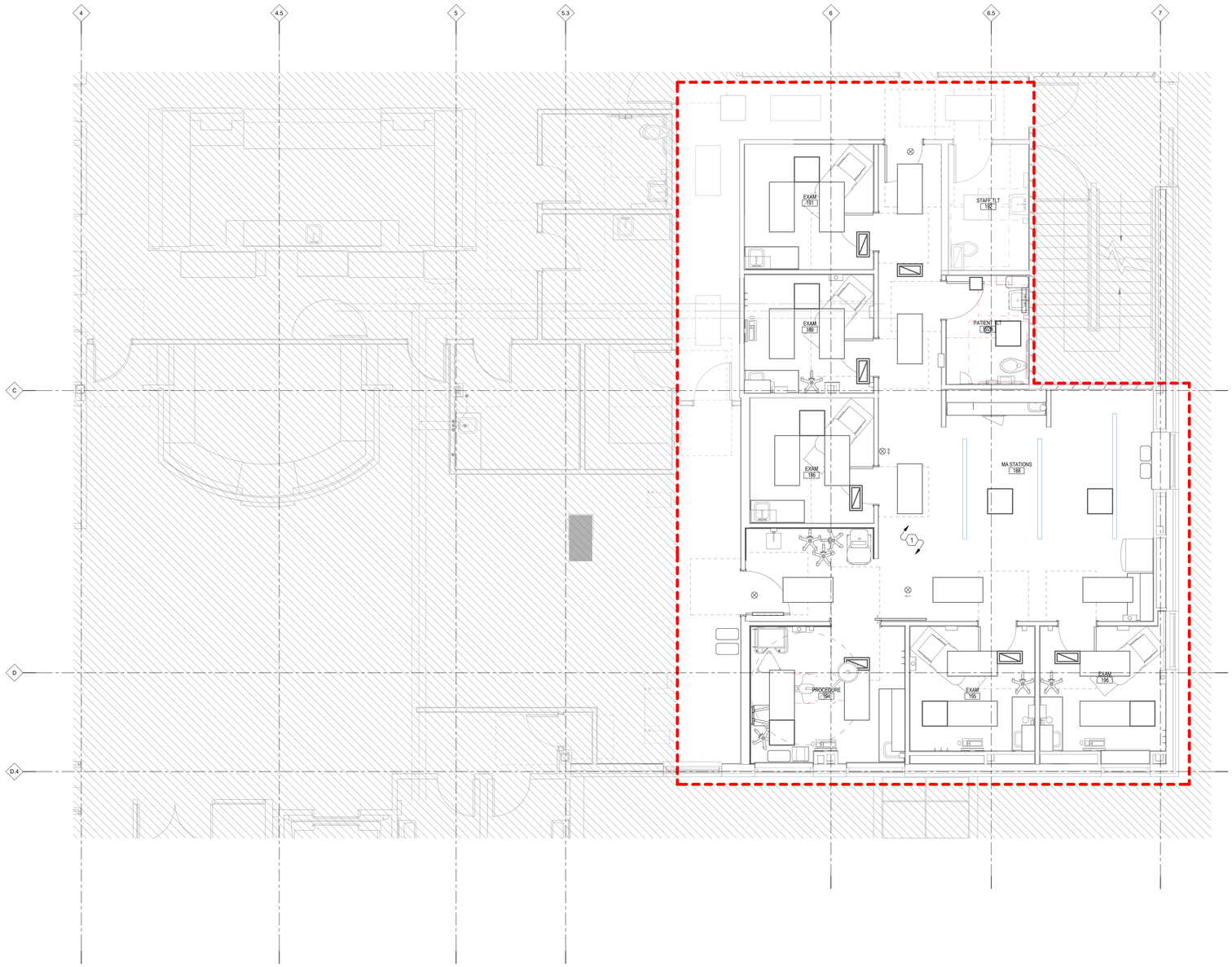
RESOLUT
181 E 5600 S, Murray, UT 84107 | (801) 530-3148
info@resolutgroup.com | resolutgroup.com

Project #: 250801

PLOT DATE:
11/25/2025 10:25:06 AM
PLOTTED BY:
ARCHITECTS

KEYNOTES

1 MOVE FIRE SPRINKLERS FOR NEW LAYOUT PER NFPA13.



1 FIRE PROTECTION FLOOR PLAN
1/4" = 1'-0"

PLOT DATE:
11/21/2025 10:26:08 AM
CAD MANAGER:
INCLINE ARCHITECTS

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE # 450
SALT LAKE CITY, UTAH 84102

LICENSED PROFESSIONAL ENGINEER
No. 11573858-2202
TREVOR DONEY
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
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FIRE PROTECTION FLOOR PLAN

FP101

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ELECTRICAL ABBREVIATIONS INDEX

ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
A	AMPS	GRC	GALVANIZED RIGID CONDUIT	PVC	POLYVINYL CHLORIDE CONDUIT
AC	ALTERNATING CURRENT	GYP BD	GYPSUM BOARD	PWR	POWER
ACLG	ABOVE CEILING	HOA	HAND-OFF-AUTOMATIC SWITCH	QUAN	QUANTITY
ADC	ANALOG-TO-DIGITAL CONVERTER	HORIZ	HORIZONTAL	(R)	REVISED
		HP	HORSE POWER	R	RESISTANCE
AF	AMP FRAME	HPF	HIGH POWER FACTOR	RECEP, RECPT	RECEPTACLE
AFC	AVAILABLE FAULT CURRENT	HT	HEIGHT	REQ'RED	REQUIRED
AFCI	ARC FAULT CIRCUIT INTERRUPTER	HTG	HEATING	REX	REQUEST TO EXIT
		HTR	HEATER	RF	RADIO FREQUENCY
AFF / A.F.F.	ABOVE FINISH FLOOR	HV	HIGH VOLTAGE	RFM	ROOF MOUNTED
AFG	ABOVE FINISHED GRADE	HVAC	HEATING, VENTILATING & AIR CONDITIONING	RL	LOAD RESISTANCE
AHU	AIR HANDLING UNIT			RLA	RATED LOAD AMPS
AIC	AMPS INTERRUPTING CAPACITY	HZ	HERTZ	RM	ROOM
AL	ALUMINUM	IW	INTERLOCK WITH	RMC	RIGID METALLIC CONDUIT
ALT	ALTERNATE	IC	INTERRUPTING CAPACITY	RMP	ROCKY MOUNTAIN POWER
AM	AMPS METER	IFC	INTERNATIONAL FIRE CODE	RMS	ROOT MEAN SQUARE
AMP	AMPERE	IG	ISOLATED GROUND	RNC	RIGID NON-METALLIC COND.
AMPL	AMPLIFIER	IIR	INFINITE IMPULSE RESPONSE	RPM	ROTATIONS-PER-MINUTE
ANN	ANNUNCIATOR		FILTER	RS	SOURCE RESISTANCE
AOE	AUDIO-OVER-ETHERNET	IMC	INTERMEDIATE METALLIC CONDUIT	RT	TOTAL RESISTANCE
APPROX	APPROXIMATELY			RTU	ROOF TOP UNIT
AQ-STAT	AQUASTAT	INCAND	INCANDESCENT	RX	RECEIVER
ARCH	ARCHITECT, ARCHITECTURAL	IR	INFRARED	S/N	SOLID NEUTRAL
AS	AMP SWITCH	IT	TOTAL CURRENT	S/S	STOP/START PUSHBUTTONS
AT	AMP TRIP	J-BOX	JUNCTION BOX	SBB	SECONDARY BONDING BUSBAR
ATS	AUTOMATIC TRANSFER SWITCH	KCMIL	1000 CIRCULAR MILS (MCM)	SBG	SUPPLEMENTARY BONDING
AUTO	AUTOMATIC	KHZ	THOUSANDS OF HZ		GRID
AUX	AUXILIARY	KV	KILOVOLT	SBJ	SYSTEM BONDING JUMPER
AV	AUDIO/VISUAL	KVA	KILOVOLT AMPERES	SC	SURFACE CONDUIT
AWG	AMERICAN WIRE GAUGE	KVAR	KILOVARS	SCA	SHORT CIRCUIT AMPERES
BATT	BATTERY	KW	KILOWATT	SDI	SERIAL DIGITAL INTERFACE
BC	BARE COPPER	KWH	KILOWATT HOUR	SE	SERVICE ENTRANCE
BD	BOARD	LCS	C-WEIGHTED SLOW SOUND LEVEL	SEC	SECONDARY
BFC	BELOW FINISHED CEILING			SES	SMOKE EVACUATION SYSTEM
BFG	BELOW FINISHED GRADE	LEQ	EQUIVALENT SOUND LEVEL	SHT	SHEET
BLDG	BUILDING	LFMC	LIQUID-TIGHT FLEX. METAL COND.	SIM	SIMILAR
BMS	BUILDING MANAGEMENT SYSTEM	LFNC	LIQUID-TIGHT FLEX. NON-METAL. CONDUIT	SLD	SINGLE-LINE DIAGRAM
BPM	BEATS-PER-MINUTE			SNR	SIGNAL-TO-NOISE RATIO
C, CND	CONDUIT	LOC	LOCATE OR LOCATION	SP	SPARE
C.O.	CONDUIT ONLY	LP, SPL	SOUND PRESSURE LEVEL	SPDIF	SONY PHILLIPS DIGITAL INTERFACE
C/W	COMPLETE WITH	LRA	LOCKED ROTOR AMPS	SPEC	SPECIFICATIONS
CAB	CABINET	LT	LIGHT	SPKR	LOUDSPEAKER
CAT	CATEGORY CABLE	LTG	LIGHTING	SPL	SOUND-PRESSURE LEVEL
CAT#	CATALOG	LTNG	LIGHTNING	SPP	SINGLE-POINT POWER
CATB	COMMUNITY ANTENNA TELEVISION	LU	LOUDNESS UNIT METERING	SR	SURFACE RACEWAY
		LUFS	LOUDNESS UNIT FULL SCALE	SS	SELECTOR SWITCH
CATV	CABLE TELEVISION	LV	LOW VOLTAGE	SSW	SELECTOR SWITCH
CB	CIRCUIT BREAKER	M/C	MOMENTARY CONTACT	STA	STATION
CCTV	CLOSED CIRCUIT TELEVISION	MAC	MEDIA ACCESS CONTROL	STD	STANDARD
CF	CREST FACTOR	MAG.S	MAGNETIC STARTER	STP	SHIELDED TWISTED PAIR
CKT	CIRCUIT	MAX	MAXIMUM	SURF	SURFACE MOUNTED
CLG	CEILING	MB	MAIN BUS	SW	SWITCH
CMPR	COMPRESSOR	MC	MECHANICAL CONTRACTOR	SWBD	SWITCHBOARD
CNTR	CONTRACTOR	MCA	MINIMUM CIRCUIT AMPS	SWGR	SWITCHGEAR
CO	CONDUIT ONLY	MCB	MAIN CIRCUIT BREAKER	SYM	SYMMETRICAL
CODEC	CODEH-DECODER	MCC	MOTOR CONTROL CENTER	SYS	SYSTEM
COMB	COMBINATION	MCM	1000 CIRCULAR MILS	TBB	TELECOMMUNICATIONS BONDING BACKBONE
CONN	CONNECTION	MDC	MAIN DISTRIBUTION CENTER		
CONST	CONSTRUCTION	MDP	MAIN DISTRIBUTION PANEL	TBC	TELECOMMUNICATIONS BONDING CONDUCTOR
CONT	CONTINUATION OR CONTINUOUS	MEP	MECHANICAL, ELECTRICAL, AND PLUMBING	TC	TEMP. CONTROL CONTR.
CONV	CONVECTOR			TEL	TELEPHONE
CP	CIRCULATING PUMP	MFR	MANUFACTURER	TERM	TERMINAL
CRT	COMPUTER TERMINAL	MFS	MAIN FUSED DISCONNECT SWITCH	TL	TWIST LOCK
CT	CURRENT TRANSFORMER			TR	TAMPER RESISTANT
CU	COPPER	MH	MANHOLE	T-STAT	THERMOSTAT
CV	CONSTANT VOLTAGE	MIC	MICROPHONE	TTB	TELEPHONE TERMINAL BOARD
DAC	DIGITAL-TO-ANALOG CONVERTER	MIN	MINIMUM	TV	TELEVISION
		MISC	MISCELLANEOUS	TTC	TELEPHONE TERMINAL CABINET
DB	DECIBEL	MLO	MAIN LUGS ONLY	TVC	TELEVISION TERMINAL
DBFS	DB REF. FULL SCALE	MMS	MANUAL MOTOR STARTER	TX	TRANSMITTER
DBM	DB REF. 0.001 WATT	MNF	MANUFACTURER	TYP	TYPICAL
DBU	DB REF. 0.775 V	MOA	MULTI-OUTLET ASSEMBLY	UC	UNDER COUNTER
DBV	DB REF. 1 V	MSBD	MAIN SWITCHBOARD	UE	UNDERGROUND ELECTRICAL
DC	DIRECT CURRENT	MSP	MOTOR STARTER PANELBOARD	UG	UNDERGROUND
DCP	DOMESTIC CIRCULATING PUMP	MSS	MOTOR STARTER SWITCH	UH	UNIT HEATER
DED	DEDICATED	MTG	MOUNTING	UNO	UNLESS NOTED OTHERWISE
DEPT	DEPARTMENT	MTR	MOTOR	UPS	UNINTERRUPTED POWER SUPPLY
DET	DETAIL	MTS	MANUAL TRANSFER SWITCH		
DFA	DROP FROM ABOVE	(N)	NEW	UT	UNDERGROUND TELEPHONE
DIA	DIAMETER	N.I.C.	NOT IN CONTRACT	UTIL	UTILITY
DISC	DISCONNECT	N/A	NOT APPLICABLE	UTP	UNSHIELDED TWISTED PAIR
DIST	DISTRIBUTION	N1	NEMA 1	UV	ULTRAVIOLET
DN	DOWN	NSR	NEMA 3R	V	VOLT (KV-KILOVOLT)
DPR	DAMPER	NAC	NOTIFICATION APPLIANCE CIRCUIT PANEL	VA	VOLT-AMPS
DR	DYNAMIC RANGE			VAR, VAR	VOLT-AMPS/REACTIVE
DS	DISCONNECT SWITCH	NC	NORMALLY CLOSED	VAC	VOLTS ALTERNATING CURRENT
DT	DOUBLE THROW	NEC	NATIONAL ELECTRICAL CODE	VDC	VOLTS DC CURRENT
DWG	DRAWING	NEMA	NATIONAL ELECT. ASSOC.	VDT	VIDEO DISPLAY TERMINAL
(E)	EXISTING TO REMAIN		MANUFAC ASSOC.	VERT	VERTICAL
EC	ELECTRICAL CONTRACTOR	NFDS	NON-FUSED SAFETY SWITCH	VFD	VARIABLE FREQUENCY DRIVE
EF	EXHAUST FAN	NPA	NATIONAL PIPE CODE	VI	VOLUME INDICATOR
EG	EMERGENCY GENERATOR	NTS	NOT TO SCALE	VIF	VERIFY IN FIELD
ELEC	ELECTRIC, ELECTRICAL		ASSOC.	VM	VOLT METER
ELEV	ELEVATOR	NL	NIGHT LIGHT, BYPASS LOCAL SWITCHING	VOL	VOLUME
ELU	EMERGENCY LIGHTING UNIT			VU	VOLUME UNIT
EM	EMERGENCY/EGRESS BATTERY	NO	NORMALLY OPENED	W	WATTS
EMI	ELECTRO-MAGNETIC INTERFERENCE	NPF	NORMAL POWER FACTOR	W	WITH
		NTS	NOT TO SCALE	W/	WITHOUT
EMS	ENERGY MANAGEMENT SYSTEM	NVR	NETWORK VIDEO RECORDER	WD	WIRE GUARD
EMT	ELECTRICAL METALLIC TUBING	OC	ON CENTER	WG	WATTHOUR METER
ENT	ELEC. NON-METAL. TUBING	OH	OVERHEAD	WH	WEATHERPROOF/NEMA 3R
EP	ELECTRIC PNEUMATIC	OL	OVERLOADS	WP	WEATHERPROOFENEMA 3R
EQUIP	EQUIPMENT	OS & Y	OUTSIDE SCREW & YOKE	XFMR	TRANSFORMER
ER	EXISTING TO BE RELOCATED	OSI	OPEN SYSTEM INTEGRATION	XFMR SW	SW TRANSFER SWITCH
ES	SOURCE VOLTAGE	PA	PASCAL	XFR	TRANSFER
EWC	ELECTRIC WATER COOLER	PB	PUSHBUTTON	XL	X-CONNECTOR LOCKING
FA	FIRE ALARM	PBB	PRIMARY BONDING BUSBAR	XLR	X-CONNECTOR LOCKING
FABP	FIRE ALARM BOOSTER PANEL	PC	PLUMBING CONTRACTOR		RUBBERIZED
FACP	FIRE ALARM CONTROL PANEL	PCM	PULSE CODE MODULATION	XP	EXPLOSION PROOF
FC	FOOT CANDLE	PDU	POWER DISTRIBUTION UNIT	XR	EXISTING TO BE REMOVED
FCU	FAN COIL UNIT	PE	PNEUMATIC ELECTRIC		
FIR	FINITE IMPULSE RESPONSE FILTER	PED	PEDESTAL		
		PF	POWER FACTOR		
FIXT	FIXTURE	PFR	PHASE FAILURE RELAY		
FLR	FLOOR	PIV	POST INDICATING VALVE	1P	ONE-POLE
FLUOR	FLUORESCENT	PLEN	PLENUM	2P	TWO-POLE
FMC	FLEXIBLE METAL CONDUIT	PNL	PANEL	3P	THREE-POLE
FU	FUSE	POC	POINT OF CONNECTION	4P	FOUR-POLE
FUDS	FUSE SAFETY DISCONNECT SWITCH	POE	POWER OVER ETHERNET	∠	ANGLE
		POS	POINT OF SALE	&	AND
GA	GAUGE	PP	POWER POLE	@	AT
GAL	GALLON	PPM	PEAK PROGRAM METER	°	DEGREE
GALV	GALVANIZED	PR	PAIR	▲	DELTA
GC	GENERAL CONTRACTOR	PRI	PRIMARY	', FT	FOOT, FEET
GEC	GRND. ELEC. COND. AT SES	PROJ	PROJECTION	", IN	INCH, INCHES
GEN	GENERATOR	PRV	POWER ROOF VENTILATOR	#	NUMBER
GFCI	GROUND FAULT CURRENT INTERRUPTER	PSI	POUNDS-PER-SQUARE-INCH	Ω, OHM	UNIT OF ELECTRICAL RESISTANCE
GFI	GROUND FAULT INTERRUPTER	PT	POTENTIAL TRANSFORMER		
GFP	GROUND FAULT PROTECTOR	PTP	POINT TO POINT	Ø, PH	PHASE
GND	GROUND	PTZ	PAN, TILT, AND ZOOM	℄, CTR	CENTER LINE, CENTER
				□	PLATE

GENERAL LEGEND

SYMBOL	DESCRIPTION	MOUNTING	NOTES
	EXISTING	-	-
	DEMO	-	-
	TEMPORARY	-	-
	NEW	-	-
	NOT IN CONTRACT	-	-
	SOLID ARCHED LINES INDICATE UNSWITCHED POWER CIRCUITING	CEILING	1, 2
	DASHED ARCHED LINES INDICATE SWITCHED POWER CIRCUITING	CEILING	1, 2, 4
	ONE CIRCUIT, HOME RUN TO PANEL	-	-
	TWO CIRCUITS, HOME RUN TO PANEL	-	-
	THREE CIRCUITS, HOME RUN TO PANEL	-	-
	CONDUIT RUN CONCEALED IN FLOOR OR GROUND	-	-
	CONDUIT RUN CONCEALED IN WALL OR CEILING	-	-
	CONDUIT UP	-	-
	CONDUIT DOWN	-	-
	CONDUIT STUB LOCATION	-	CAP CONDUIT
	CONDUIT / CIRCUIT CONTINUATION	-	-
xx	CONDUIT OHP: OVERHEAD POWER SERVICE UGP: UNDERGROUND POWER SERVICE UGF: UNDERGROUND FIBER SERVICE TEL: TELEPHONE SERVICE	-	-
W C	W: WALL C: CEILING		
	EMERGENCY LIGHTING UNIT, INTEGRAL BATTERY	WALL/CEILING	1
	EXIT SIGNAGE SHADING & ARROWS INDICATE FACES & DIRECTIONAL CHEVRONS	WALL/CEILING	1, 3, 5, 12
	EXIT SIGNAGE WITH AUXILIARY HEAD SHADING & ARROWS INDICATE FACES & DIRECTIONAL CHEVRONS	WALL/CEILING	1, 3, 5, 12
	AREA REMOTE POLE & FIXTURE	CONCRETE BASE	1, 14 REFER TO DIA
	POST-TOP LIGHT POLE & FIXTURE	CONCRETE BASE	1, 14 REFER TO DIA
	BOLLARD LIGHT ARROWS INDICATE DIRECTION	CONCRETE BASE	1, 14 REFER TO DIA
	STEP LIGHT FIXTURE	AS NOTED	1
	IN-GRADE LIGHT FIXTURE	AS NOTED	1
	CEILING FAN	CEILING	-

GENERAL LEGEND

SYMBOL	DESCRIPTION	MOUNTING	NOTES
#	KEYNOTE	-	-
Space 004	ROOM NAME & NUMBER	-	-
Space 005 XX	ROOM NAME & NUMBER W/ ZONE I.D.	-	-
	DIAGRAM TAG	-	-
	MATCH LINE TAG	-	-
XXX	DEVICES WITH A CHEVRON INDICATE TO COORDINATE WITH MILLWORK PRIOR TO ROUGH-IN.		B
	ELEVATION TAG. HATCHED AREA INDICATES WHICH WALL, NUMBER INDICATES VIEW, AND CENTER NUMBER INDICATES WHICH SHEET.	-	-
1	REVISION CLOUD DELTA. SHOWN WITH CLOUD AND INDICATES A CHANGE PER THE TITLE BLOCK.	-	-
EF-XX	TAG FOR MECHANICAL, KITCHEN, AND SHOP DEVICES. REFER TO SCHEDULES FOR INFO.	-	-

SYMBOL LEGEND GENERAL NOTES

1. SOLID BOX AROUND DEVICE INDICATES INSTALLED IN FLOOR. DASHED BOX AROUND DEVICE INDICATES INSTALLED IN CEILING.
2. WALL DEVICES NOTED WITH A CHEVRON INDICATE TO COORDINATE WITH MILLWORK SHOP DRAWINGS & ELEVATIONS FOR HEIGHT.
3. TYPICAL SYMBOL SCHEDULE. SOME SYMBOLS MAY NOT BE USED IN THIS SET OF DRAWINGS.
4. REFER TO LUMINAIRE SCHEDULE FOR FIXTURE TYPES, MOUNTING REQUIREMENTS, WATTAGE & DETAILS.
5. WIRE LIGHT FIXTURE FROM ADJACENT JUNCTION BOX.
6. CONNECT NEAREST UN-SWITCHED HOT CONDUCTOR TO EMERGENCY BALLAST.
7. LIGHT FIXTURES ARE SCALED WITHIN THE DRAWINGS BASED ON ACTUAL DIMENSIONS.
8. REFER TO DRAWINGS FOR DIRECTIONAL ARROWS.
9. SUBSCRIPT INDICATES FIXTURES TO BE CONTROLLED.
10. HEIGHT MEASURED TO CENTER LINE OF THE BOX FROM THE FINISHED FLOOR.
11. HEIGHT MEASURED TO TOP OF THE BOX FROM FINISHED FLOOR.
12. NEMA TYPE 'ND' NON-FUSED UNLESS NOTED 'F' (FUSED). USE HEAVY DUTY (HD) DEVICE FOR 480 VOLT.
13. SIZE TO THE EQUIPMENT BEING CONTROLLED.
14. PROVIDE H.O.A. & S.S. PUSHBUTTONS AS REQUIRED.
15. DOUBLE ARROWS INDICATES A DOUBLE FACE UNIT.
16. FOR WATER COOLER LOCATION, REFER TO DIAGRAM R002. FOR ALL OTHER LOCATIONS, MOUNT AT +16" TO BOTTOM OF BOX FROM FINISHED FLOOR, OR AS NOTED.
17. ARROWS SHOWN ON DEVICE INDICATE AIMING DIRECTION.
18. COORDINATE WITH DOOR HARDWARE SUPPLIER.
19. MOUNT ON TRACK OF OVERHEAD DOOR, 6" FROM TOP OF DOOR, UNLESS OVERHEAD DOOR IS A ROLL UP DOOR, THEN MOUNT PER MANUFACTURER'S INSTRUCTIONS.
20. INSTALL DEVICES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
21. DASHED LINE INDICATES EQUIPMENT CLEARANCES. ARROW INDICATES FRONT OF RACK.
22. HEIGHT MEASURED TO BOTTOM OF THE DEVICE FROM FINISHED FLOOR.
23. PROVIDE MUD RING &/OR BOX COVER APPROPRIATE FOR DEVICE/FIXTURE SERVED.
24. REFER TO DIAGRAMS, ELEVATIONS, & SCHEDULES FOR CUSTOM ROUGH-IN REQUIREMENTS.
25. ROUGH-IN TO BE HORIZONTAL.
26. REFER TO MANUFACTURER'S RECOMMENDED CABLE REQUIREMENTS FOR EXACT CABLE REQUIRED.
27. FOLLOW BICSI STANDARDS FOR CABLE ROUTING & DISTANCES.
28. SUBSCRIPT INDICATES NEMA CONFIGURATION.
29. USE A 4" X 4" BOX WITH A MUD RING TO MATCH THE DEVICE & INSTALLATION.
30. USE WITH POWER PACK.
31. PROVIDE UL LISTED DEVICE COMPATIBLE WITH THE FIRE ALARM PANEL/SYSTEM.

LIGHTING FIXTURE SYMBOLS LEGEND

SYMBOL	DEVICE/FIXTURE DESCRIPTION	MOUNTING	NOTES
	LINEAR, CEILING MOUNTED LIGHT FIXTURE (VARIOUS DIMENSIONS, DOTS INDICATE PENDANT MOUNT)	CEILING	1, 2, 4
	RECESSED DOWNLIGHT FIXTURE CHEVRON INDICATES WALL WASH	CEILING	1, 2
	CIRCULAR, CEILING MOUNTED LIGHT FIXTURE CENTER DOT INDICATES PENDANT	CEILING	1, 2, 4
	EMERGENCY EGRESS LIGHT FIXTURE	CEILING	1, 2, 4
	CRITICAL EGRESS LIGHT FIXTURE	CEILING	1, 2, 4
	WALL-MOUNTED FIXTURES, TYPICAL (VARIOUS SYMBOLS)	AS NOTED	1
	DIRECTIONAL LIGHT, TRACK OR FLOOD LIGHT	AS NOTED	1, 2
	LINEAR LIGHT, TAPE LIGHT	AS NOTED	1

LIGHTING CONTROL SYMBOLS

SYMBOL	DEVICE/FIXTURE DESCRIPTION	MOUNTING	NOTES
	SWITCH MODIFIERS: 3: 3-WAY D: DIMMING 4: 4-WAY T: TIMER K: KEYED P: SWITCH W/ PILOT LIGHT	46"	6, 7
	MOMENTARY CONTACT SWITCH	46"	6, 7
	LOW VOLTAGE WALL STATION (SUBSCRIPT INDICATES CONFIGURATION)	46"	6, 7
	LIGHTING CONTACTOR	WALL	-
LC	LIGHTING CONTROL TOUCH SCREEN	46"	6,7
W C	W: WALL C: CEILING		
	SENSORS/SWITCHES: PC: PHOTO-ELECTRIC CONTROL OS: OCCUPANCY SENSOR SWITCH DL: DAYLIGHT HARVESTING SENSOR	AS NOTED	6, 7, 28
	SWITCH PACKS: AP: AUXILIARY PACK PP: POWER PACK	ABOVE CEILING	6, 28
	CONTROL: RC: DIGITAL ROOM CONTROLLER (SUBSCRIPT = NUMBER OF RELAYS) EP: EMERGENCY LIGHTING CONTROL UNIT	ABOVE CEILING	REFER TO DIA AND SPEC

LIGHTING TAGS LEGEND

- a — FIXTURE CONTROL ZONE ID (LOWERCASE LETTER)
- A — FIXTURE ID (UPPERCASE UNDERLINED LETTER)
- ? — PANEL ID (NUMBERS & UPPERCASE LETTERS) - CIRCUIT NUMBER
- RELAY ID (UPPERCASE LETTERS)

S^{a} — #: INDICATES SWITCH TYPE
LOWERCASE LETTER: INDICATES SWITCH ID

$\square^{a}$

NOTE:
1. SWITCH IDS ARE UNIQUE PER SPACE.
2. A SWITCH WITHOUT A TAGGED ID CONTROLS ALL LIGHTING FIXTURES WITHIN A SPACE.
3. ID TAGS MAY BE USED ON CONTROL DEVICES OTHER THAN SWITCHES, SUCH AS OCCUPANCY SENSORS OR CONTACTORS.
4. ABSENCE OF A SWITCH DESIGNATION ON A LIGHTING FIXTURE INDICATES FIXTURE IS CONTROLLED BY THE ONLY SWITCH IN THE SPACE.
5. AN "x" IN PLACE OF THE SWITCH DESIGNATION INDICATES UNSWITCHED.

POWER DISTRIBUTION EQUIPMENT SYMBOLS

SYMBOL	DEVICE/FIXTURE DESCRIPTION	MOUNTING	NOTES
TX	TRANSFORMER: SEE SINGLE-LINE DIAGRAM FOR DESCRIPTION & REQUIREMENTS.	4" CONCRETE BASE	-
	MAIN DISTRIBUTION PANEL	6'-6" TO TOP	8
	FLUSH PANELBOARD	6'-6" TO TOP	8
	SURFACE PANELBOARD	6'-6" TO TOP	8

POWER SYMBOLS LEGEND

SYMBOL	DEVICE/FIXTURE DESCRIPTION	MOUNTING	NOTES
S D G SP	S: SIMPLEX D: DUPLEX Q: FOURPLEX SP: SPECIAL PURPOSE		
	WALL MOUNTED RECEPTACLE	18"	7,26, SP W/CAP
	CEILING MOUNTED RECEPTACLE	CEILING	
	SWITCHED RECEPTACLE	18"	7
	EMERGENCY RECEPTACLE	18"	7
	GROUND FAULT RECEPTACLE	18"	7
	ISOLATED GROUND RECEPTACLE	18"	7
	RECEPTACLE (SPECIFIC HEIGHT)		GENERAL NOTE B
	CONTROLLED RECEPTACLE	+18" OR AS NOTED	7
#	RECEPTACLE MODIFIERS: ##": HEIGHT AFF OC WP: WEATHERPROOF IN-USE COVER T: TAMPER-PROOF U: RECEPTACLE WITH USB OUTLET G: GROUND FAULT		7, 13
	COMBINATION DETECTOR (UP TO THREE)	CEILING	29
	DUCT SMOKE DETECTOR	CEILING	29
DR	FIRE/SMOKE DAMPER	DUCT	29
DH	DOOR HOLDER	AS INDICATED	
DCL	DOOR CLOSER	AS INDICATED	29
	FIRE SERVICE PHONE	+48"	8, 29
XXX	ADDRESSABLE MODULE AIM: ADDRESSABLE INPUT MODULE AOM: ADDRESSABLE OUTPUT MODULE AIO: ADDRESSABLE INPUT/OUTPUT		29
XXXX	FIRE ALARM CONTROL UNIT EVAC: VOICE EVACUATION CONTROL PANEL FAA: FIRE ALARM ANNUNCIATOR FACP: FIRE ALARM CONTROL PANEL FATC: FIRE ALARM TERMINAL CABINET NACP: NOTIFICATION APPLIANCE CIRCUIT PANEL FAMN: FIRE ALARM MASS NOTIFICATION PANEL TW: TWO WAY COMMUNICATION INTERCOM TWZ: TWO WAY COMMUNICATION CONTROLLER	+48"	8, 21, 29
XX	SUPERVISORY or INTERFACE DEVICE PIV: POST INDICATOR VALVE PS: PRESSURE SWITCH R: NON-ADDRESSABLE RELAY VS: VALVE SUPERVISORY SWITCH FS: FLOW SWITCH TS: TAMPER SWITCH WF: WATER FLOOD SENSOR		8, 29
F	MANUAL PULL STATION	+48"	8, 29

GROUNDING AND LIGHTNING PROTECTION SYMBOLS

SYMBOL	DEVICE/FIXTURE DESCRIPTION	MOUNTING	NOTES
	GROUND ROD	AS NOTED	-
	GROUND ROD WITH TEST WELL	AS NOTED	-
	STATIC GROUND RECEPTACLE	AS NOTED	-
	LIGHTNING PROTECTION AIR TERMINAL	AS NOTED	-
	LIGHTNING PROTECTION CONDUCTOR SPLICE	AS NOTED	-

POWER TAGS LEGEND

SB1 — MDP — HP1A — LP1A

NOTES:
1. HATCHED FILL INDICATES DISTRIBUTION PANEL OR SWITCHBOARD.
2. SOLID FILL INDICATES BRANCH PANEL OR LOAD CENTER.
3. DASHED BOX INDICATES CODE-REQUIRED CLEARANCE (WIDTH & DEPTH).
4. DOOR INDICATES FRONT OF RECESSED PANEL.

FIRE ALARM SYMBOLS LEGEND

SYMBOL	DEVICE/FIXTURE DESCRIPTION	MOUNTING	NOTES
# 0.0d	AUDIBLE ANNUNCIATION (BLANK): HORN LF: LOW FREQUENCY HORN SP: SPEAKER FB: FIRE BELL	+94" WALL / CEILING OR AS NOTED	7, 29
# 0.0d	VISIBLE ANNUNCIATION, CANDELA AS INDICATED (BLANK): CLEAR STROBE B: BLUE STROBE A: AMBER STROBE	+94" WALL / CEILING OR AS NOTED	7, 29
# 0.0d # 0.0d	AUDIBLE/VISIBLE ANNUNCIATION. CANDELA AS INDICATED (BLANK): CLEAR STROBE B: BLUE STROBE A: AMBER STROBE LF: LOW FREQUENCY HORN SP: SPEAKER	+94" WALL / CEILING OR AS NOTED	7, 29
# 0.0d	REMOTE INDICATOR w/ TEST SWITCH	+94" WALL / CEILING OR AS NOTED	7, 29
	SMOKE DETECTOR	CEILING	29
	HEAT DETECTOR	CEILING	29
	CARBON MONOXIDE DETECTOR	CEILING	29
	BEAM DETECTOR T: TRANSMITTER R: RECEIVER	CEILING	29
	COMBINATION DETECTOR (UP TO THREE)	CEILING	29
	DUCT SMOKE DETECTOR	CEILING	29
DR	FIRE/SMOKE DAMPER	DUCT	29
DH	DOOR HOLDER	AS INDICATED	
DCL	DOOR CLOSER	AS INDICATED	29
	FIRE SERVICE PHONE	+48"	8, 29
XXX	ADDRESSABLE MODULE AIM: ADDRESSABLE INPUT MODULE AOM: ADDRESSABLE OUTPUT MODULE AIO: ADDRESSABLE INPUT/OUTPUT		29
XXXX	FIRE ALARM CONTROL UNIT EVAC: VOICE EVACUATION CONTROL PANEL FAA: FIRE ALARM ANNUNCIATOR FACP: FIRE ALARM CONTROL PANEL FATC: FIRE ALARM TERMINAL CABINET NACP: NOTIFICATION APPLIANCE CIRCUIT PANEL FAMN: FIRE ALARM MASS NOTIFICATION PANEL TW: TWO WAY COMMUNICATION INTERCOM TWZ: TWO WAY COMMUNICATION CONTROLLER	+48"	8, 21, 29
XX	SUPERVISORY or INTERFACE DEVICE PIV: POST INDICATOR VALVE PS: PRESSURE SWITCH R: NON-ADDRESSABLE RELAY VS: VALVE SUPERVISORY SWITCH FS: FLOW SWITCH TS: TAMPER SWITCH WF: WATER FLOOD SENSOR		8, 29
F	MANUAL PULL STATION	+48"	8, 29

SECURITY SYMBOLS LEGEND

SYMBOL	DEVICE/FIXTURE DESCRIPTION	MOUNTING	NOTES
W C	W: WALL C: CEILING		
# 0.0d # 0.0d	VIDEO SURVEILLANCE CAMERA SEE CAMERA SURVEILLANCE TYPE SCHEDULE	AS NOTED	14, 17
NVR WS	NVR: NETWORK VIDEO RECORDER/SERVER WS: SECURITY WORKSTATION		17
	ACCESS CONTROL DOOR CONTACT / WINDOW SWITCH	DOOR / WINDOW JAMB	17
	SPECIALIZED SWITCH / CONTACT (GARAGE DOOR, ROOF ACCESS DOOR / HATCH)		17
W C	W: WALL C: CEILING		
	INTRUSION DETECTION: AS: ALARM AND/OR STROBE DP: DOOR/WINDOW CONTACT GB: GLASS BREAK DETECTOR MD: MOTION DETECTOR PI: POP-IT MODULE SC: SMOKE & C/O DETECTOR COMBO SH: SMOKE & HEAT DETECTOR COMBO ACCESS CONTROL: DH: MAGNETIC DOOR HOLD OPENER EC: ELECTRIFIED EXIT RIM DEVICE EL: ELECTRIFIED DOOR LOCK ES: ELECTRIFIED DOOR STRIKE ML: ELECTROMAGNETIC LOCK (MAG LOCK) RX: REQUEST TO EXIT MOTION	DOOR JAMB, OR AS NOTED	7, 15, 17
XX	INTRUSION DETECTION SYSTEM: KP: KEYPAD (ARM/DISARM) ACCESS CONTROL SYSTEM: CR: CARD READER BR: BIOMETRIC READER ICR: INTEGRATED CARD READER KCR: CARDREADER W/ KEYPAD OTHER: INT: IP TWO-WAY AUDIO & VIDEO INTERCOM KS: KEY OVERRIDE SWITCH	+46" OR DOOR JAMB	7, 15, 17

DATA NETWORK SYMBOLS LEGEND

SYMBOL	DEVICE/FIXTURE DESCRIPTION	MOUNTING	NOTES
W F C	W: WALL F: FLOOR C: CEILING		
	DATA OUTLET (SINGLE CABLE)	18" WALL/ FLOOR/CEILING	7, 25
	DATA OUTLET (TWO CABLES)	18" WALL/ FLOOR/CEILING	7, 25
	DATA OUTLET (THREE CABLES)	18" WALL/ FLOOR/CEILING	7, 25
WAP	WIRELESS ACCESS POINT*	96" WALL/ CEILING	7, 25
	SERIES-X COAXIAL CABLE OUTLET	18" WALL/ FLOOR/CEILING	7, 25
DAS	DISTRIBUTED ANTENNA SYSTEM (DAS) PUBLIC SAFETY AND/OR CELLULAR/COMMERCIAL ANT: ANTENNA BDA: BI-DIRECTIONAL AMPLIFIER SPL: SPLITTER VIA: VIA	108" WALL, CEILING, ABOVE CEILING, OR AS NOTED	7, 25

NURSE CALL SYMBOLS LEGEND (RACEWAY ONLY)

SYMBOL	DEVICE/FIXTURE DESCRIPTION	MOUNTING	NOTES
#	NURSE CALL CONTROLLER: GI: GRAPHICAL INTERFACE ROOM STATION RCB: ROOM CONTROL BOARD MS: MASTER STATION	+46" WALL OR AS NOTED	
	NURSE CALL CORRIDOR LIGHT NUMBER OF LIGHTS AS INDICATED	CEILING	
x	NURSE CALL DEVICE B: CODE BLUE D: DUTY STATION E: EMERGENCY P: PATIENT CALL PL: PULL STATION S: STAFF	+46" WALL OR AS NOTED	
####	NURSE CAL

LIGHTING GENERAL SHEET NOTES

1. **FIXTURE LOCATIONS & COORDINATION**
   A. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR ALL FIXTURE LOCATIONS WITHIN CEILINGS OR CEILING GRIDS.
   B. FOR AREAS WITHOUT CEILINGS, FIXTURE LOCATIONS ARE DIAGRAMMATIC. INTENT IS TO ALIGN, CENTER, OR SPACE FIXTURES BETWEEN ARCHITECTURAL AND STRUCTURAL ELEMENTS.
   C. COORDINATE WITH THE PAINTING CONTRACTOR FOR PAINTING OF EXPOSED RACEWAY.
   D. COORDINATE WITH THE MECHANICAL CONTRACTOR FOR PLACEMENT OF FIXTURES IN MECHANICAL ROOMS.
   E. LUMINAIRES IN MECHANICAL ROOMS SHALL BE INSTALLED TO ADEQUATELY ILLUMINATE ALL EQUIPMENT AFTER INSTALLATION.
   F. VERIFY EXACT FIXTURE LENGTHS FOR CONTINUOUS ILLUMINATION IN COVES AND LINEAR RUNS. ENSURE NO MORE THAN A 1" GAP OCCURS BETWEEN FIXTURE ENDS AND ADJACENT WALLS/CEILINGS.

2. **MOUNTING & SUPPORT**
   A. ALL RECESSED FIXTURES IN LAY-IN CEILINGS SHALL BE INSTALLED WITH 6' FLEXIBLE METAL CONDUIT.
   B. FIXTURES SHALL BE MOUNTED FROM THE BOTTOM OF THE FIXTURE UNLESS OTHERWISE NOTED.
   C. EXTERIOR FIXTURE MOUNTING HEIGHTS SHALL BE PER ARCHITECTURAL EXTERIOR ELEVATIONS.
   D. ALL LUMINAIRES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE; SUPPORT FROM CEILING GRID OR NON-STRUCTURAL MEMBERS IS PROHIBITED.
   E. UNDERCABINET LIGHTING MUST BE COORDINATED WITH MILLWORK SHOP DRAWINGS FOR EXACT LENGTHS AND LOCATIONS.

3. **WIRING & CIRCUITRY**
   A. REFER TO SECTION 26 0519 FOR MINIMUM CONDUCTOR SIZE ADJUSTMENTS DUE TO VOLTAGE DROP.
   B. MAXIMUM NUMBER OF CONDUCTORS TO ACHIEVE ALL CIRCUITING AND SWITCHING SHOWN.
   C. WHERE WIRING IS SHOWN: WIRE COUNTS ARE NOT INDICATED; MODIFICATIONS TO CONDUCTOR QUANTITIES IN HOME RUNS ARE PROHIBITED.
   D. WHERE WIRING IS NOT SHOWN: WIRING IS ONLY DIAGRAMMATIC FOR SWITCHING INTENT; CIRCUIT NUMBERS SHOWN AT DEVICES CORRESPOND TO PANELBOARD BREAKERS.
   E. BRANCH CIRCUITS SHALL BE SIZED PER BREAKER RATING UNLESS OTHERWISE NOTED.
   F. PROVIDE 0-10V DIMMING CONDUCTORS WHERE REQUIRED BY THE RELAY PANEL SCHEDULE OR WALL STATION CONTROL SEQUENCE.
   G. SUBSCRIPTS ADJACENT TO FIXTURES INDICATE CONTROLS. PROVIDE REQUIRED NUMBER OF RELAYS/DIMMERS AND ADDITIONAL DEVICES FOR DAYLIGHT ZONES AS NEEDED.
   H. ALL BATTERY-POWERED OR CONTINUOUS-BURN LUMINAIRES (EXIT SIGNS, NIGHT LIGHTS, EMERGENCY LIGHTS) SHALL BE CONNECTED TO THE UNSWITCHED LEG OF THE LIGHTING CIRCUIT SERVING THAT AREA.

4. **CONTROLS & DEVICES**
   A. INSTALL ALL ROOM CONTROLLERS/POWER PACKS IN THE CEILING SPACE DIRECTLY ABOVE THE ENTRY DOOR OF THE SPACE THEY CONTROL.
   B. SUBSCRIPTS ADJACENT TO RECEPTACLES AND DEVICES INDICATE NEMA CONFIGURATION AND/OR CIRCUIT LENGTH (IF APPLICABLE).
   C. PROVIDE LIGHTING CONTROLS PER DRAWINGS AND SEQUENCES.

5. **LAMP AND FIXTURE STANDARDS**
   A. TO MAINTAIN CONSISTENT LIGHT QUALITY, ALL LAMPS OF A GIVEN TYPE SHALL BE FROM THE SAME MANUFACTURER, WITH IDENTICAL SURFACE TEMPERATURE, CRI, EFFICACY, LUMEN OUTPUT, AND STARTING CHARACTERISTICS.

ELECTRICAL DEMOLITION NOTES

1. **REFERENCE & COORDINATION**
   A. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR DEMOLITION AND CONSTRUCTION PHASES. COORDINATE ALL ELECTRICAL WORK WITH GENERAL CONSTRUCTION REQUIREMENTS, DOOR RELOCATIONS, AND WALL MODIFICATIONS.

2. **DEVICE & FIXTURE REMOVAL**
   A. DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES, SWITCHES, AND LIGHTING FIXTURES IN DEMOLITION AREAS UNLESS NOTED OTHERWISE.
   B. REMOVE ALL CONDUIT/WIRING IN WALLS SCHEDULED FOR DEMOLITION (SHOWN DASHED) BACK TO THE LAST ACTIVE DEVICE.
   C. WHERE NEW WALLS INTERSECT EXISTING ONES, REMOVE ANY AFFECTED DEVICES, BOXES, OR BACK BOXES.

3. **CIRCUIT CONTINUITY & SYSTEM MODIFICATIONS**
   A. FURNISH AND INSTALL CONDUIT, WIRING, AND/OR COMMUNICATIONS/DATA CABLING AS NECESSARY TO MAINTAIN CONTINUITY OF FEEDERS, BRANCH CIRCUITS, AND SYSTEMS SERVING DEVICES OR EQUIPMENT TO REMAIN.
   B. DISCONNECT, RELOCATE, AND/OR REWIRE EXISTING DEVICES, FIXTURES, OR EQUIPMENT AS REQUIRED TO AVOID CONSTRUCTION CONFLICTS AND ENSURE PROPER OPERATION.

4. **EQUIPMENT OUTSIDE WORK AREA**
   A. LEAVE ALL EQUIPMENT IN NON-REMODELED AREAS IN WORKING CONDITION. RESTORE ANY INTERRUPTED FEEDERS, BRANCH CIRCUITS, OR SYSTEMS TO FULL OPERATION.

5. **RACEWAYS & WIRING**
   A. EXISTING RACEWAYS MAY BE REUSED IF THEY MEET CURRENT CODE, SPECIFICATIONS, AND PROJECT INTENT. VERIFY THEIR INTEGRITY BEFORE REUSE.
   B. CONCEAL RACEWAYS AND WIRING IN EXISTING WALLS, CEILINGS, AND FLOORS UNLESS OTHERWISE INDICATED. USE SURFACE METAL RACEWAY ONLY WHERE EXPLICITLY NOTED.
   C. REMOVE ALL UNUSED RACEWAYS, CONDUCTORS, BOXES, DEVICES, AND EQUIPMENT NOT INTENDED FOR REUSE.

6. **LIGHTING FIXTURE HANDLING**
   A. REMOVE FIXTURES NOT TO BE REUSED AND EITHER RETAIN FOR THE OWNER OR DISPOSE OF PROPERLY. STORE REUSABLE FIXTURES IN CARTONS AND LABEL CLEARLY.

7. **COVER PLATES**
   A. PROVIDE BLANK COVER PLATES ON ALL UNUSED OPENINGS.

8. **PENETRATIONS**
   A. DO NOT PENETRATE STRUCTURAL ELEMENTS (FLOORS, WALLS, CEILINGS, ROOFS, ETC.) UNLESS SPECIFICALLY PERMITTED IN THE CONSTRUCTION DOCUMENTS.

SECURITY GENERAL NOTES

1. **PRE-INSTALLATION COORDINATION MEETINGS:**
   A. **VIDEO SURVEILLANCE:** PRIOR TO ANY WORK, THE DIV. 28 VIDEO SURVEILLANCE CONTRACTOR SHALL COORDINATE A MEETING WITH THE OWNER AND DIV. 26 ELECTRICAL CONTRACTOR TO:
      a. REVIEW AND CONFIRM EACH SURVEILLANCE CAMERA LOCATION, MOUNTING HEIGHT, ORIENTATION, AND FIELD OF VIEW.
      b. VERIFY WHICH EF/ER/TR ROOM AND RACK WILL HOUSE VIDEO SURVEILLANCE EQUIPMENT.
      c. PROVIDE ALL REQUIRED HARDWARE AND MOUNTING EQUIPMENT FOR IP SURVEILLANCE CAMERAS AND RELATED VIDEO EQUIPMENT.
   B. **ACCESS CONTROL:** PRIOR TO ANY WORK, THE DIV. 28 ACCESS CONTROL CONTRACTOR SHALL COORDINATE A MEETING WITH THE OWNER, DIV. 8 DOOR HARDWARE CONTRACTOR, AND DIV. 26 ELECTRICAL CONTRACTOR TO:
      a. VERIFY DOOR HARDWARE FOR EACH DOOR.
      b. CONFIRM POWER REQUIREMENTS FOR ALL ELECTRIFIED HARDWARE.
      c. REVIEW DOOR OPERATION PROGRAMMING (FAIL-SAFE/FAIL-SECURE) AND FIRE ALARM INTERFACE.
      d. CONFIRM HEAD-END PANEL AND POWER SUPPLY LOCATIONS IN THE EF/ER/TR ROOM.
      e. DETERMINE WHICH CIRCUITS (EMERGENCY OR STANDARD) WILL POWER HEAD-END AND ACCESS CONTROL SYSTEMS.

2. **SYSTEM INSTALLING AND PROGRAMMING:**
   A. INSTALL AND PROGRAM ACCESS CONTROL AND IP VIDEO SURVEILLANCE SYSTEMS PER MANUFACTURER'S INSTRUCTIONS, PROJECT SPECIFICATIONS, INDUSTRY STANDARDS, AND OPERATIONAL REQUIREMENTS.
   B. COORDINATE WITH THE ELECTRICAL CONTRACTOR AND OWNER TO DETERMINE AND CONNECT APPROPRIATE ELECTRICAL CIRCUITS (EMERGENCY BACKUP OR STANDARD)

3. **WIRING, CONDUIT, AND CABLE INSTALLATION:**
   A. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR WIRING ALL ITEMS SHOWN, EXCEPT THOSE NOTED ON SHEET E0.01.
   B. INSTALL CONDUIT WITH A MAXIMUM OF TWO 90° BENDS BETWEEN PULL BOXES AND NO MORE THAN 100' BETWEEN BOXES. PULL BOXES TO BE INSTALLED ONLY FOR STRAIGHT-THROUGH PULLS.
   C. ALL COMMUNICATIONS CABLES SHALL BE INSTALLED IN CONDUIT, CABLE TRAY, OR SUPPORTED BY CABLE HOOKS:
      a. PROVIDE BUSHINGS AT ENDS OF ALL CONDUIT WHERE STUBBED ABOVE ACCESSIBLE CEILINGS OR DROPPED INTO CABLE TRAY.
      b. USE CABLE HOOKS WHERE CONDUIT OR TRAY IS NOT USED.

4. **SYSTEM COMPONENTS AND REQUIREMENTS:**
   A. PROVIDE ALL SPECIFIED AND NON-SPECIFIED COMPONENTS REQUIRED FOR A COMPLETE AND WORKING ACCESS CONTROL AND VIDEO SURVEILLANCE SYSTEM.
   B. ACCESS CONTROL SYSTEMS SHALL INCLUDE NECESSARY RELAYS, EXTERNAL POWER SUPPLIES, AUXILIARY DEVICES, AND INPUT/OUTPUT MODULES FOR FULL CARD READER AND DOOR CONTROL FUNCTIONALITY.

5. **DOCUMENTATION AND REVIEW RESPONSIBILITES:**
   A. SECURITY INTEGRATOR SHALL:
      a. CAREFULLY REVIEW REFLECTED CEILING PLANS, ARCHITECTURAL ELEVATIONS, AND DOOR HARDWARE SUBMITTALS.
      b. SUMMARIZE ANY DISCREPANCIES AND REPORT TO THE PROJECT TEAM.
   B. CONTRACTOR(S) MUST NOTIFY THE ENGINEER BEFORE INSTALLATION IF ANY SECURITY DEVICE LOCATIONS SHOWN ARE OBSTRUCTED.

6. **SYSTEM INTEGRATION AND MAPPING:**
   A. PROVIDE AN INTERACTIVE MAP ON THE VMS (VIDEO MANAGEMENT SYSTEM) INDICATING ALL CAMERA AND ACCESS CONTROL DEVICE LOCATIONS.
   B. REFER TO SPECIFICATIONS FOR REQUIRED INTEGRATION BETWEEN VIDEO MANAGEMENT, ACCESS CONTROL, INTRUSION DETECTION, FIRE ALARM, AND OTHER RELATED SYSTEMS.

7. **EQUIPMENT AND FIXTURE HANDLING:**
   A. EQUIPMENT QUANTITIES SHOWN ARE FOR CONTRACTOR CONVENIENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ACTUAL QUANTITIES ON DRAWINGS. WHERE DISCREPANCIES EXIST, INCLUDE THE GREATER QUANTITY IN BIDS.
   B. FINAL CAMERA VIEWS MUST BE REVIEWED AND APPROVED BY THE OWNER PRIOR TO PROJECT COMPLETION.

8. **FIRE-RATED PENETRATIONS:**
   A. ALL PENETRATIONS OF FIRE-RATED WALLS, FLOORS, AND CEILINGS SHALL BE SEALED WITH APPROVED MATERIALS TO MAINTAIN THE FIRE RATING OF THE PENETRATED SURFACES.

STRUCTURED CABLING GENERAL NOTES

1. HEIGHTS SHOWN ARE TYPICAL TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE. ALL DEVICES OUTLETS SHALL BE MOUNTED VERTICALLY.

2. MOUNTING HEIGHTS SHOWN ON ARCHITECTURAL ELEVATIONS SHALL GOVERN OVER THOSE SHOWN.

3. ALL DEVICES INDICATED TO BE INSTALLED AT DIFFERENT MOUNTING HEIGHTS AND LOCATED WITHIN ONE STUD SPACE FROM EACH OTHER SHALL ALIGN VERTICALLY, ON THE SAME SIDE OF THE STUD, WHERE WALL MOUNTED TELEPHONES OCCUR OVER LIGHT SWITCHES, VOLUME CONTROLS, ETC. OFFSET ONE STUD SPACE.

4. ALL EXPOSED RACEWAYS SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO WALLS OR STRUCTURAL MEMBERS SUCH THAT THEY FOLLOW STRUCTURAL SURFACE CONTOURS AND SHALL BE INSTALLED SUCH THAT THEY DO NOT OBSTRUCT PASSAGEWAYS. MULTIPLE RACEWAYS SHOULD BE INSTALLED GROUPED TOGETHER. THE LOCATION OF THESE RACEWAYS SHALL BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION. (EXTRA TIME SHOULD BE ALLOWED FOR THIS REVIEW AND APPROVAL.)

5. ALL BACK BOXES SHALL BE FLUSH MOUNTED UNLESS OTHERWISE NOTED. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND BACK BOXES IN POURED CONCRETE, MASONRY, AND GYP WALLS.

6. DATA SHOWN ON THE DRAWINGS IS AS EXACT AS COULD BE SECURED. ABSOLUTE ACCURACY IS NOT GUARANTEED AND THE CONTRACTOR SHALL OBTAIN AND VERIFY EXACT LOCATIONS, MEASUREMENTS, LEVELS, SPACE REQUIREMENTS, POTENTIAL CONFLICTS WITH OTHER TRADES, ETC. AT THE SITE AND SHALL SATISFACTORILY ADAPT HIS WORK TO ACTUAL CONDITIONS AT THE BUILDINGS. THE DRAWINGS ARE DIAGRAMMATICAL IN NATURE AND SHALL NOT BE SCALED. HOWEVER, THIS DOES NOT RELIEVE ANY SUB-CONTRACTOR FROM COORDINATING HIS WORK WITH ALL OTHER TRADES AND FROM ADJUSTING HIS WORK AS REQUIRED BY THE ACTUAL CONDITIONS OF THE PROJECT. THE CONTRACTOR SHALL VISIT THE SITE BEFORE SUBMITTING A BID TO BECOME THOROUGHLY FAMILIAR WITH THE ACTUAL CONDITIONS OF THE PROJECT.

7. COORDINATE AND ADJUST ALL WORK BETWEEN TRADES AND EXISTING CONDITIONS IN ORDER TO ACCOMPLISH A NEAT, INTEGRATED AND EFFICIENT INSTALLATION WHICH INCLUDE BUT IS NOT LIMITED TO:

   A. EXAMINE THE CONTRACT DOCUMENTS OF ALL TRADES (I.E. THE ARCHITECTURAL REFLECTED CEILING PLAN, MECHANICAL HVAC DRAWINGS, ELECTRICAL LIGHTING PLAN, TECHNOLOGY PLAN, FIRE PROTECTION PLAN, ETC.)

   B. COORDINATE NECESSARY EQUIPMENT, FIXTURES, ETC. SO THAT THE FINAL INSTALLATION IS COMPATIBLE WITH THE MATERIALS AND EQUIPMENT OF THE OTHER TRADES.

   C. THIS CONTRACTOR SHALL ASSIST THE DIVISION 21, 22 AND 23 CONTRACTOR IN PREPARING SHOP DRAWINGS FOR COORDINATING ALL WORK IN THE CEILING SPACE (I.E. LOCATING ALL CEILING CLEARANCES, CABLE TRAY, CLEARANCES THROUGHOUT, ETC.)

8. ALL COMMUNICATIONS RACEWAY AND PATHWAYS INCLUDING BUT NOT LIMITED TO CONDUIT, SLEEVES, CABLE TRAY, J-HOOKS SHALL BE INSTALLED TO MINIMIZE UNNECESSARY CABLE LENGTHS AND MAINTAIN CABLE LENGTH LIMITATIONS FOR DIFFERENT TYPES OF HORIZONTAL CABLE DISTRIBUTION (I.E. CATEGORY CABLING). NO HORIZONTAL CABLE LENGTH (PERMANENT LINK) SHALL EXCEED 90 METERS (295 FEET).

9. ALL COMMUNICATIONS CONDUIT, CABLE TRAYS, LADDER RACKS AND EQUIPMENT RACKS SHALL BE BONDED TO BUILDING GROUND SYSTEM PER NEC 250.

10. ALL TELE-DATA CONDUIT AND OTHER RACEWAY INFRASTRUCTURE SHALL HAVE NO LESS THAN 30% SPARE CAPACITY ABOVE THE NEC MINIMUM FILL RATIOS.

11. ALL RISER CONDUIT SHALL BE STUBBED A MINIMUM OF 2" AFF. PROVIDE A 2" CURB IF SLAB BLOCK-OUT IS USED RATHER THAN SLEEVES. SERVICE PROVIDER AND UNDERGROUND CONDUIT SHALL BE STUBBED A MINIMUM 4" AFF.

12. ALL UNDERGROUND COMMUNICATIONS CONDUIT SHALL HAVE METALLIC LOCATOR TAPE.

13. ENSURE THAT ALL CABLE TRAY INSTALLED COMPLIES WITH NEC 392. ONCE ALL CABLING HAS BEEN INSTALLED, CONTRACTOR SHALL PROVIDE AVAILABLE CABLE FILL DOCUMENTATION TO OWNER.

14. REFER TO OWNER HEATMAPS FOR ALL WIRELESS ACCESS POINT LOCATIONS. REFER TO RISER DIAGRAM AND SPECIFICATION 271500 FOR ADDITIONAL REQUIREMENTS.

15. COORDINATE ALL FURNITURE TERMINATION LOCATIONS WITH FURNITURE SHOP DRAWINGS AND INSTALLER PRIOR TO ROUGH-IN. DEVICE LOCATIONS SHOWN ARE TYPICAL INFORMATION ONLY. PROVIDE FURNITURE BOXES COMPATIBLE WITH FURNITURE SYSTEM.

KITCHEN GENERAL NOTES

1. EQUIPMENT SHOWN IS FOR ELECTRICAL INFORMATION ONLY. THERE IS NO REFERENCE TO THE QUANTITY OF EQUIPMENT EACH SPACE.

2. LOAD-CENTERS SHOWN ARE FURNISHED AND INSTALLED BY ANOTHER DIVISION. ELECTRICAL CONTRACTOR SHALL PROVIDE SINGLE POINT CONNECTION TO LOAD CENTER.

3. PER 250.122(A), EQUIPMENT GROUND IS NOT REQUIRED TO BE LARGER THAN PHASE CONDUCTOR.

4. CONTRACTOR SHALL REFER TO FOOD SERVICE EQUIPMENT DRAWINGS FOR ALL DEVICE AND HARDWARE CONNECTION DIMENSIONS INCLUDING MOUNTING HEIGHTS FOR ALL DEVICES SERVING FOOD SERVICE EQUIPMENT.

5. EQUIPMENT CONNECTIONS, VOLTAGES, AMPERAGES AND DEVICE RATINGS INDICATED IN THE KITCHEN EQUIPMENT SCHEDULE ARE BASED UPON THE LATEST DRAWINGS, SPECIFICATIONS AND CUTSHEETS THAT COULD BE PROCURED FROM THE FOOD SERVICE CONSULTANT'S DOCUMENTS. PRIOR TO FINAL CONNECTION THE CONTRACTOR SHALL VERIFY THE CONNECTION REQUIREMENTS WITH THE MOST CURRENT FOOD SERVICE DOCUMENTS OR ACTUAL EQUIPMENT PURCHASED. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT AND ENGINEER.

6. PROVIDE ALL CONDUITS REQUIRED FOR REFRIGERATION AND BEVERAGE SYSTEM LINES.

7. PROVIDE FLEXIBLE CONDUIT AND FITTINGS AS REQUIRED FOR KITCHEN EQUIPMENT THAT WILL BE CONNECTED PERMANENTLY. ALLOW ENOUGH SLACK TO MOVE EQUIPMENT FOR CLEANING.

8. COORDINATE WITH PLUMBING AND MECHANICAL PIPING TO AVOID CONFLICTS.

9. PROVIDE ALL INTERCONNECTING CONDUIT AND WIRE BETWEEN EACH DISPENSER AND THE SWITCH AND ALL COMPONENTS.

10. PRE-FABRICATED COLD STORAGE ROOMS (CSR) (WALK-IN COOLER/FREEZER): PROVIDE ALL INTERCONNECTING CONDUIT, SEAL-OFFS, SEALANT, WIRE AND ALL FINAL CONNECTIONS TO PROVIDE THE FOLLOWING:
    - INSTALL AND CONNECT LIGHT FIXTURES, SPLICE BOXES, LAMPS, LIGHT SWITCHES AND DOOR HEATERS SUPPLIED BY THE KES.
    - CONNECT CRS DEFROST, DRAIN LINE, HEATERS, THERMOSTATS, TIME CLOCKS, EVAPORATIVE TERMINAL BLOCK, SWITCH, FAN DOOR SWITCH AND COMPRESSOR CONTROL PANEL, ETC. SUPPLIED BY THE KES.
    - PROVIDE CONDUIT AND WIRE BETWEEN CONDENSERS AND EVAPORATORS PER KES DETAILS.
    - INSTALL CONDUIT ON THE EXTERIOR OF THE CRS AND PENETRATE THE CRS CEILING AT A POINT WHERE THE CONDUIT CAN DROP DIRECTLY INTO THE POINT OF CONNECTION. DO NOT INSTALL CONDUIT ON THE INTERIOR OF THE CRS. SEAL ALL PENETRATIONS WITH CAULKING AND INSTALL INTERIOR AND EXTERIOR ESCUTCHEON PLATES.

11. PROVIDE ALL DISCONNECT SWITCHES WHERE REQUIRED BY NEC.

12. ALL 20A 120V RECEPTACLES IN FOOD PREPARATION AREA SHALL BE GFCI TYPE.

13. TYPE 1 HOODS (VENTILATORS): PROVIDE ALL INTERCONNECTING CONDUIT AND WIRE TO ACCOMPLISH THE FOLLOWING:

14. PROVIDE CONNECTIONS EQUIPMENT SHUT-OFFS.
    - PROVIDE CONNECTIONS EQUIPMENT SHUT-OFFS.
    - INTERFACE HOOD CONTROL PANEL TO ALL ELECTRICAL LOCATED UNDER THE HOOD, INCLUDING POWER FOR COOKING EQUIPMENT, HOOD LIGHTS, ETC. WHEN IN ALARM CONDITION.
    - CONNECT THE MICRO-SWITCH AND SOLENOID FUEL SHUT-OFF VALVE (SUPPLIED BY THE KES).
    - SHUT OFF THE HOOD EXHAUST FAN (IF LOCAL AUTHORITY REQUIRES).

15. CONTRACTOR SHALL PROVIDE PROPER SEALING OF RACEWAYS THAT ARE EXPOSED TO WIDELY VARYING TEMPERATURES INCLUDING BUT NOT LIMITED TO WALK-IN COOLERS AND FREEZERS PER NEC 300.7(A).

POWER GENERAL SHEET NOTES

1. **GENERAL REQUIREMENTS**
   A. WHERE CONNECTED TO A 20A BRANCH CIRCUIT SUPPLYING AN INDIVIDUAL RECEPTACLE (SIMPLEX OR DUPLEX), THE RECEPTACLE SHALL BE RATED 20A.
   B. PROVIDE HOUSEKEEPING PADS FOR ALL FLOOR-MOUNTED AND GRADE-MOUNTED ELECTRICAL EQUIPMENT. MINIMUM REQUIREMENTS:
      1. 4" HEIGHT
      2. 4% AIR-ENTRAINED. POLYFIBER-REINFORCED CONCRETE
      3. PAD DIMENSIONS: 4" WIDER AND 4" LONGER THAN THE EQUIPMENT FOOTPRINT
      4. REFER TO ELECTRICAL DETAIL DRAWINGS FOR TRANSFORMER, GENERATOR, OR SWITCHGEAR PADS WHERE REQUIREMENTS MAY EXCEED THE ABOVE.
   C. REFER TO SECTION 26 0519 FOR MINIMUM CONDUCTOR SIZE ADJUSTMENTS DUE TO VOLTAGE DROP.

2. **WIRING & CIRCUITING**
   A. FOR PROJECTS WHERE WIRING IS SHOWN: (EDIT AS REQUIRED)
   B. WIRE COUNTS FOR CIRCUIT CONDUCTORS ARE NOT SHOWN. PROVIDE PROPER NUMBER OF CONDUCTORS TO ACHIEVE THE CIRCUITING AND SWITCHING CONNECTIONS INDICATED.
   C. MODIFICATIONS TO THE NUMBER OF CONDUCTORS IN HOME RUNS, IN ADDITION TO THE CIRCUITS INDICATED ON THE DRAWINGS, ARE PROHIBITED.

3. **FOR PROJECTS WHERE WIRING IS NOT SHOWN:** (EDIT AS REQUIRED)
   A. CIRCUIT WIRING IS NOT SHOWN, EXCEPT WHERE NECESSARY TO INDICATE SWITCHING INTENT OF FIXTURES AND CONTROL OF DEVICES.
   B. PROVIDE PROPER NUMBER OF CONDUCTORS TO ACHIEVE THE CIRCUITING AND SWITCHING INDICATED.
   C. CIRCUIT NUMBERS AT DEVICES CORRESPOND TO PANELBOARD BREAKERS (SEE PANELBOARD SCHEDULE). BRANCH CIRCUITS SHALL BE SIZED PER CIRCUIT BREAKER RATING UNLESS OTHERWISE NOTED ON THE ELECTRICAL EQUIPMENT SCHEDULE.

4. **MECHANICAL & FIRE/SMOKE DAMPER COORDINATION**
   A. ELECTRICAL CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF ALL MECHANICAL UNITS WITH THE MECHANICAL CONTRACTOR.
   B. CIRCUITS TO ALL MECHANICAL EQUIPMENT SHALL BE DEDICATED UNLESS NOTED OTHERWISE.
   C. FOR VAV POWER, PROVIDE A DEDICATED 120V/20A CIRCUIT FROM A PANEL LOCATED IN THE ELECTRICAL ROOM OF THE ASSOCIATED QUADRANT. COORDINATE EXACT LOCATION OF ALL VAV BOXES WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
   D. PROVIDE A 120V CIRCUIT FROM THE NEAREST PANELBOARD FOR FIRE/SMOKE DAMPER RELAYS. PROVIDE FIRE ALARM MODULES AND RELAYS AS NECESSARY FOR ALL FIRE/SMOKE DAMPERS SHOWN ON DIVISION 23 DRAWINGS.
      1. ALL FIRE/SMOKE DAMPERS SHALL HAVE A MANUAL OVERRIDE SWITCH.
      2. PROVIDE DUCT DETECTOR WITHIN 5 FEET OF EACH FIRE/SMOKE DAMPER.
      3. REFER TO DIAGRAM D012 ON SHEET #### FOR ADDITIONAL REQUIREMENTS.

AUDIOVISUAL GENERAL NOTES

1. THIS SHEET SET SHOWS WORK AND MATERIALS BY DIVISION 26 AND DIVISION 27. SEE SPECIFICATIONS AND DRAWING NOTES FOR RESPONSIBILITY FOR EACH ITEM.

2. ELECTRICAL CONTRACTOR SHALL COORDINATE REQUIRED PROVISIONS WITH THE PROJECT AV SYSTEMS INTEGRATOR PRIOR TO INSTALLATION OF AV SYSTEM ROUGH-IN. WHERE CONDUIT AND JUNCTION BOX PROVISIONS ARE SIGNIFICANTLY DIFFERENT FROM THOSE SHOWN ON THE DRAWINGS, NOTIFY THE AV CONSULTANT IN WRITING OF THE REQUIREMENTS. WHERE MINOR MODIFICATIONS TO PROVISIONS ARE REQUIRED, THEY SHALL BE MADE AT NO ADDITIONAL COST AS A MATTER OF JOB COORDINATION.

3. BIDDERS SHALL THOROUGHLY ACQUAINT AND EXAMINE THE EXISTING PROJECT CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED, INCLUDING THE COMPLETE SET OF PLANS AND SPECIFICATIONS COVERING THE ENTIRE PROJECT. BIDDERS SHALL BECOME FULLY CONVERSANT WITH THE TYPE OF GENERAL CONSTRUCTION AS WELL AS ALL PERTINENT FACTS AFFECTING THE COST OF CARRYING OUT THE WORK THEY WILL CONTRACT TO PERFORM AND BRING ANY DISCREPANCIES OR OMISSIONS FOUND IN THE DRAWINGS TO THE AV CONSULTANT'S ATTENTION BEFORE SUBMITTING BID.

4. AV SYSTEMS INTEGRATOR SHALL PROVIDE A FULLY FUNCTIONING SYSTEM IN EVERY RESPECT. ANY DISCREPANCIES IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT AV CONSULTANT PRIOR TO BIDDING.

5. THE FOREGOING WORK SHALL BE COMPLETE IN EVERY RESPECT, AND ANY MATERIAL OR WORK NOT SPECIFICALLY MENTIONED OR SHOWN ON THE DRAWINGS, BUT NECESSARY TO FULLY COMPLETE THE WORK, SHALL BE FURNISHED BY THE PROJECT AV SYSTEMS INTEGRATOR.

6. NO CHANGES TO THE DESIGN SHALL BE MADE WITHOUT THE PROJECT AV CONSULTANT'S WRITTEN CONSENT.

7. WHERE APPLICABLE, AV SYSTEMS INTEGRATOR SHALL FOLLOW ALL MANUFACTURER'S INSTALLATION GUIDELINES.

8. REFER TO DRAWINGS FOR EXACT NUMBER OF COMPONENTS USED IF NOT SPECIFIED IN EQUIPMENT LIST.

9. COORDINATE EXACT SPEAKER LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS. ANY CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT AV CONSULTANT PRIOR TO BIDDING.

10. CONFIRM AVAILABLE MOUNTING DEPTHS OF ALL SPEAKERS AND COMPARE WITH DEPTHS SHOWN ON SHOP DRAWINGS. BRING ALL POTENTIAL CONFLICT AREAS TO THE ATTENTION OF THE ARCHITECT AND AV CONSULTANT PRIOR TO RELEASE.

11. INSTALL/SUSPEND ALL AUDIOVISUAL SYSTEMS EQUIPMENT IN COMPLIANCE WITH SEISMIC CODES. MANUFACTURER'S WRITTEN INSTRUCTIONS, AND INDUSTRY BEST PRACTICES DURING THE SUBMITTAL PROCESS, PROVIDE SHOP DRAWINGS WHICH DETAIL PROPOSED MOUNTING FOR ALL SUCH EQUIPMENT.

12. ALL TWISTED-PAIR (U/UTP, F/UTP, U/FTP, SF/TP) CATEGORY TYPE CABLING SHALL BE TERMINATED BY CERTIFIED DATA TECHNICIANS. TEST PER SPECIFICATIONS REQUIREMENTS AND PROVIDE DATA TO AV CONSULTANT.

13. ALL HDBaseT SIGNAL CABLING, TERMINATIONS, AND TERMINATION HARDWARE SHALL COMPLY WITH TIA/EIA WIRING CONFIGURATION T568 B. ALL HDBaseT SIGNAL CABLING SHALL BE SHIELDED/FOIL (S/FUTP) CATEGORY TYPE CABLE.

14. CONDUCT A RADIO FREQUENCY AUDIT OF THE SITE PRIOR TO SELECTING RF OPERATIONAL FREQUENCIES. AV SYSTEMS INTEGRATOR TO ENSURE INTERFERENCE FREE OPERATION OF ALL RF DEVICES. AV SYSTEMS INTEGRATOR SHALL COORDINATE AUDIT RESULTS WITH MANUFACTURER PRIOR TO PURCHASING RF EQUIPMENT.

15. PROVIDE RACK MOUNT KITS FOR ALL RACK MOUNTED EQUIPMENT. PROVIDE CUSTOM RACK MOUNT KITS WHEN NOT AVAILABLE FROM THE EQUIPMENT MANUFACTURER.

16. PROVIDE SURGE PROTECTION DEVICE (SPD) IN ALL AV EQUIPMENT RACKS.

17. ALL AV EQUIPMENT RACKS SHALL BE GROUNDED AND BONDED TO MEET OR EXCEED THE REQUIREMENTS OF THE NATIONAL ELECTRIC CODE (NEC), IEC 1000-5-2 ANSI/J-STD-607-A.

18. ALL AV EQUIPMENT SHALL BE GROUNDED PER MANUFACTURER'S SPECIFICATIONS.

19. PROVIDE MANUFACTURER RECOMMENDED POWER SUPPLIES OR TRANSFORMERS FOR ALL SPECIFIED EQUIPMENT.

20. THE CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR LACK OF COORDINATION WITH AV CONSULTANT AS ADDRESSED IN THE DOCUMENTS

21. UNLESS SPECIFICALLY SPECIFIED OR NOTED PROVIDE COMMERCIAL QUALITY EQUIPMENT, MATERIALS AND COMPONENTS DESIGNED FOR CONTINUOUS USE. CONSUMER QUALITY COMPONENTS ARE NOT ACCEPTABLE.

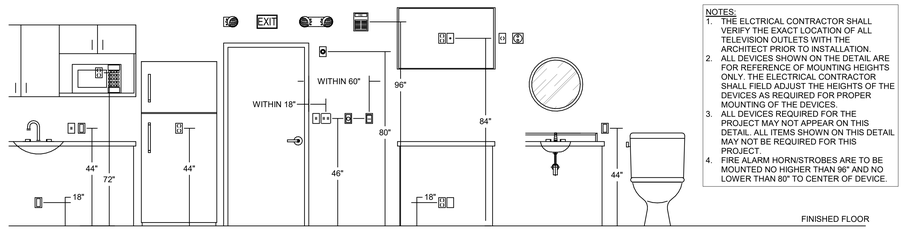
INTERCOM GENERAL NOTES

1. INTERCOM SYSTEM IS A PERFORMANCE BASED SYSTEM. THE WINNING CONTRACTOR SHALL BE RESPONSIBLE FOR INCLUDING A COMPLETE AND FUNCTIONAL SYSTEM AS INDICATED WITHIN THE DOCUMENTS.

2. INTERCOM CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE NEEDS OF THEIR SYSTEM WITH THE OTHER TRADES REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM. THIS INCLUDES BUT NOT LIMITED TO, ELECTRICAL CONTRACTOR FOR ROUGH-IN, TELECOMMUNICATIONS CABLING INSTALLER, MECHANICAL CONTRACTOR, CEILING INSTALLER, ETC.

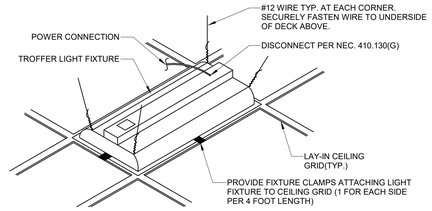
3. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF LOUDSPEAKERS WITH REFLECTED CEILING PLANS AND LIGHT FIXTURE MANUFACTURER'S DRAWINGS. A LAY-IN LOUDSPEAKER COVERAGE MAP INPUT EXACT ROOM DIMENSIONS AND EDGE-TO-EDGE ISOBAR SPACING OF 9dB.

4. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL LOUDSPEAKER AND CEILING EQUIPMENT RACK LOCATIONS WITH LIGHTING AND CEILING INSTALLER A MINIMUM OF TWO TIMES PRIOR TO ROUGH-IN OF ANY LOUDSPEAKER. CENTER LOUDSPEAKERS IN 1/2 OF THE CEILING TILE IN LINE WITH THE LIGHT FIXTURES. LOUDSPEAKERS MAY SHARE A LAY-IN CEILING TILE WITH OTHER DEVICES IF TH

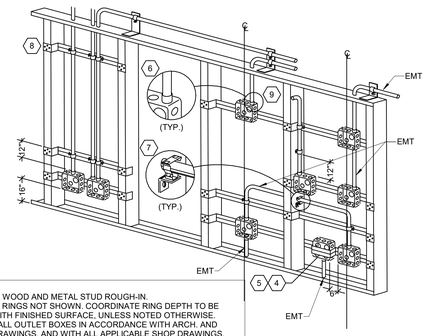


NOTES:
1. THE ELCTRICAL CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL TELEVISION OUTLETS WITH THE ARCHITECT PRIOR TO INSTALLATION.
2. ALL DEVICES SHOWN ON THE DETAIL ARE FOR REFERENCE OF MOUNTING HEIGHTS ONLY. THE ELECTRICAL CONTRACTOR SHALL FIELD ADJUST THE HEIGHTS OF THE DEVICES AS REQUIRED FOR PROPER MOUNTING OF THE DEVICES.
3. ALL DEVICES REQUIRED FOR THE PROJECT MAY NOT APPEAR ON THIS DETAIL. ALL ITEMS SHOWN ON THIS DETAIL MAY NOT BE REQUIRED FOR THIS PROJECT.
4. FIRE ALARM HORN/STROBES ARE TO BE MOUNTED NO HIGHER THAN 96" AND NO LOWER THAN 80" TO CENTER OF DEVICE.

5 MOUNTING HEIGHT DETAIL
NO SCALE

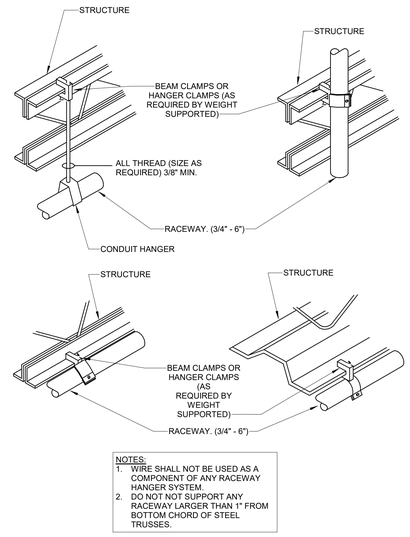


1 RECESSED FIXTURE MOUNTING DIAGRAM
NO SCALE



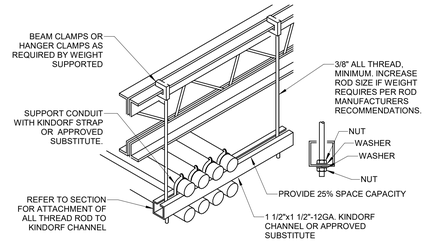
NOTES:
1. TYP. FOR WOOD AND METAL STUD ROUGH-IN.
2. PLASTER RINGS NOT SHOWN. COORDINATE RING DEPTH TO BE FLUSH WITH FINISHED SURFACE, UNLESS NOTED OTHERWISE.
3. LOCATE ALL OUTLET BOXES IN ACCORDANCE WITH ARCH. AND MECH. DRAWINGS, AND WITH ALL APPLICABLE SHOP DRAWINGS.
4. OUTLET BOXES ON OPPOSITE SIDES OF WALLS OR PARTITIONS IN THE SAME STUD SPACEMUST BE SEPARATED BY A MIN. OF 6" HORIZONTAL DISTANCE.
5. ELECTRICAL BOXES INSTALLED IN FIRE RESISTANT WALLS OR PARTITIONS SHALL COMPLY WITH IBC 714.3.2.
6. INSULATED THROAT EMT CONNECTOR.
7. CADDY FASTENER, THROUGH STUD CABLE/CONDUIT SUPPORT "FB12P".
8. ADUSTABLE BAR HANGER.
9. TYPICAL DEVICE JUNCTION BOX.

8 ROUGH-IN DETAIL
NO SCALE



NOTES:
1. WIRE SHALL NOT BE USED AS A COMPONENT OF ANY RACEWAY HANGER SYSTEM.
2. DO NOT NOT SUPPORT ANY RACEWAY LARGER THAN 1" FROM BOTTOM CHORD OF STEEL TRUSSES.

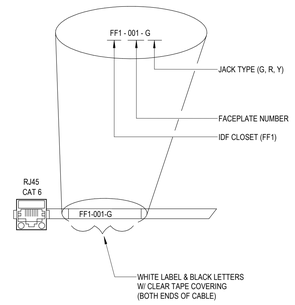
6 RACEWAY SUPPORT METHODS DIAGRAM
NO SCALE



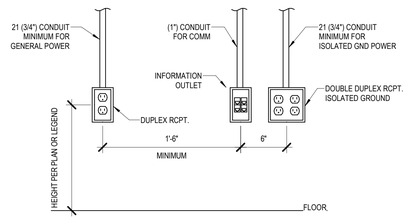
2 TRAPEZE SUPPORT DETAIL
NO SCALE

NOTE: VERTICALLY ADJACENT DEVICES TO BE ALIGNED.

3 DISABILITY MOUNTING HEIGHT DETAIL
NO SCALE



7 VOICE AND DATA CABLE LABELING DETAIL
1/8" = 1'-0"



4 TYPICAL OUTLET INSTALLATION DETAIL
1 1/2" = 1'-0"

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE # 550
SALT LAKE CITY, UTAH 84102

LICENSED PROFESSIONAL ENGINEER
Lewis Wogg
No. 9075170
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST.
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S. SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

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INCLINE: 25-030
OWNER: 10020983

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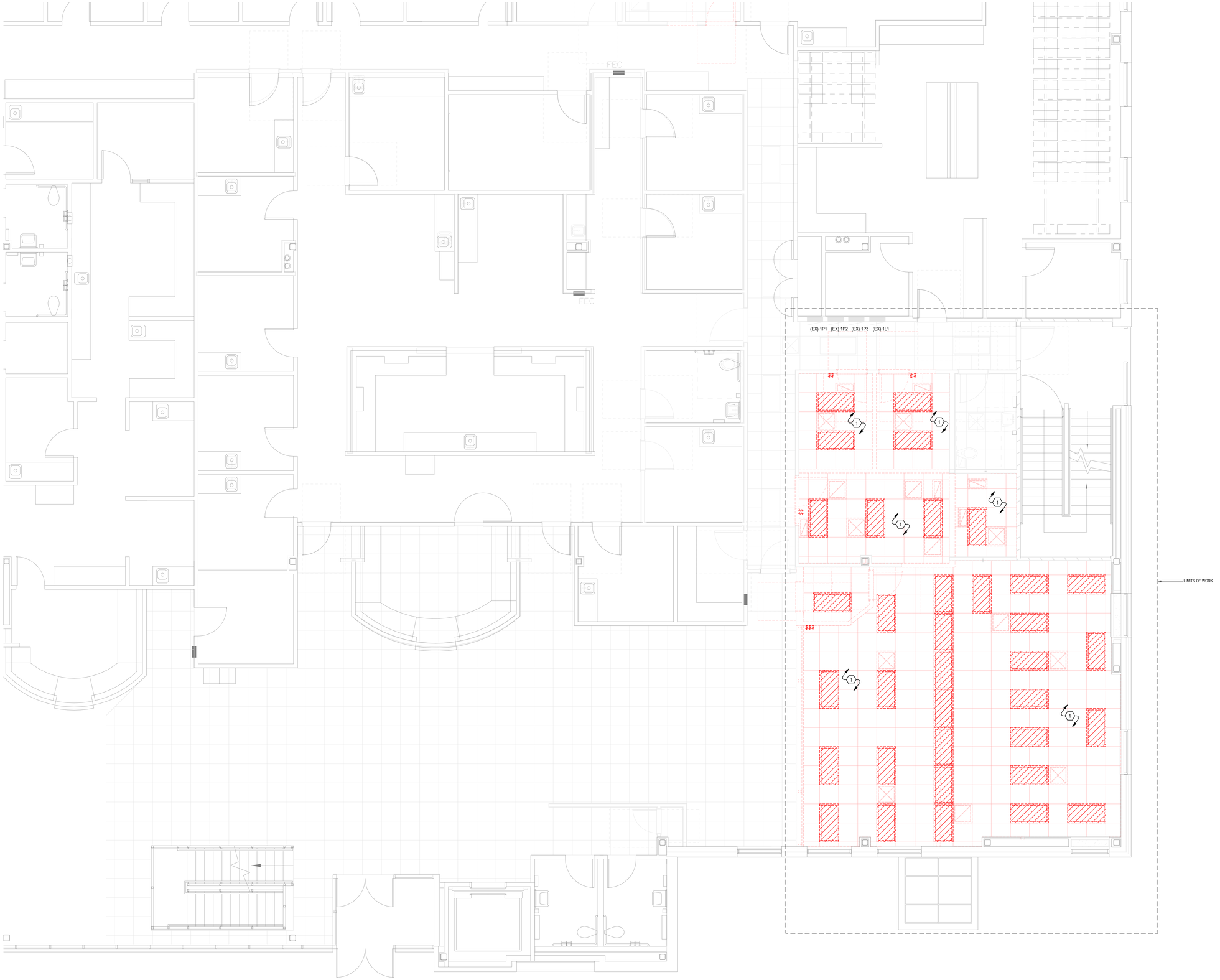
ELECTRICAL DETAILS

EG501

RESOLUT
181 E 5600 S, Murray, UT 84107 | (801) 530-3148
info@resolutgroup.com | resolutgroup.com

Project #: 250801

PLOT DATE:
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AUTHOR: ANDREW MAE
ARCHITECTS



1 LEVEL 1 LIGHTING DEMOLITION PLAN
1/4" = 1'-0"

KEYED NOTES

1. EC TO DEMOLISH ALL LIGHTING FIXTURES AND CONTROLS WITHIN THIS AREA. LIGHTING CIRCUITS ARE TO BE DEMOLISHED BACK TO NEAREST REAMINING DEVICE. IF NO DEVICES REMAIN DEMOLISH CIRCUIT BACK TO SOURCE AND MARK BREAKER AS SPARE.
2. PROTECT EXISTING CIRCUIT FOR USE WITH NEW LIGHT FIXTURES.

GENERAL NOTES

A. EC SHALL COORDINATE WITH ALL OTHER TRADES DURING DEMOLITION AND CONSTRUCTION TO FACILITATE TIMELY WORK.
B. ALL AREAS ARE TO BE KEPT CLEAN AND CLEAR OF DEBRIS AT ALL TIMES.
C. CONTRACTOR SHALL PATCH AND REPAIR ALL WALLS, CEILINGS ETC. TO MATCH EXISTING CONDITIONS. PENETRATIONS SHALL BE SEALED WITH FIRE RATED CAULK.
D. ROUTE ALL CONDUIT IN A NEAT AND ORDERLY FASHION. ALL CONDUIT SHALL BE CONCEALED ABOVE CEILINGS OR IN WALLS OR FINISHED SPACES UNLESS OTHERWISE INDICATED ON THE PLANS.
E. DEVICES SHOWN ON DEMOLITION SHEETS ARE GATHERED FROM AS-BUILT DRAWINGS AND FIELD INVESTIGATION. NOT ALL DEVICES ARE SHOWN. DEVICE PLACEMENT IS SCHEMATIC AND NOT EXACT. CONTRACTOR TO FIELD VERIFY FOR EXACT LOCATIONS AND COORDINATE WORK WITH ALL OTHER DEVICES, EQUIPMENT, CONDUIT, ETC. WHETHER OR NOT SHOWN TO COMPLETE PROJECT.
F. CONTRACTOR TO COORDINATE WITH OWNER FOR ITEMS TO BE SALVAGED PRIOR TO DEMOLITION. CONTRACTOR RESPONSIBLE FOR DISPOSING OF ANY MATERIAL THAT THE OWNER DOES NOT WANT TO KEEP.
G. CAP AND LABEL ALL EMPTY CONDUIT TO REMAIN.
H. DEVICES/EQUIPMENT SHOWN IN GRAY ARE EXISTING TO REMAIN. PRESERVE AND PROTECT. MAINTAIN EXISTING CIRCUIT INTEGRITY.

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE # 450
SALT LAKE CITY, UTAH 84102

LICENSED PROFESSIONAL ENGINEER
Lewis Wogg
No. 9075170
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST.
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S. SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

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OWNER: 10020983

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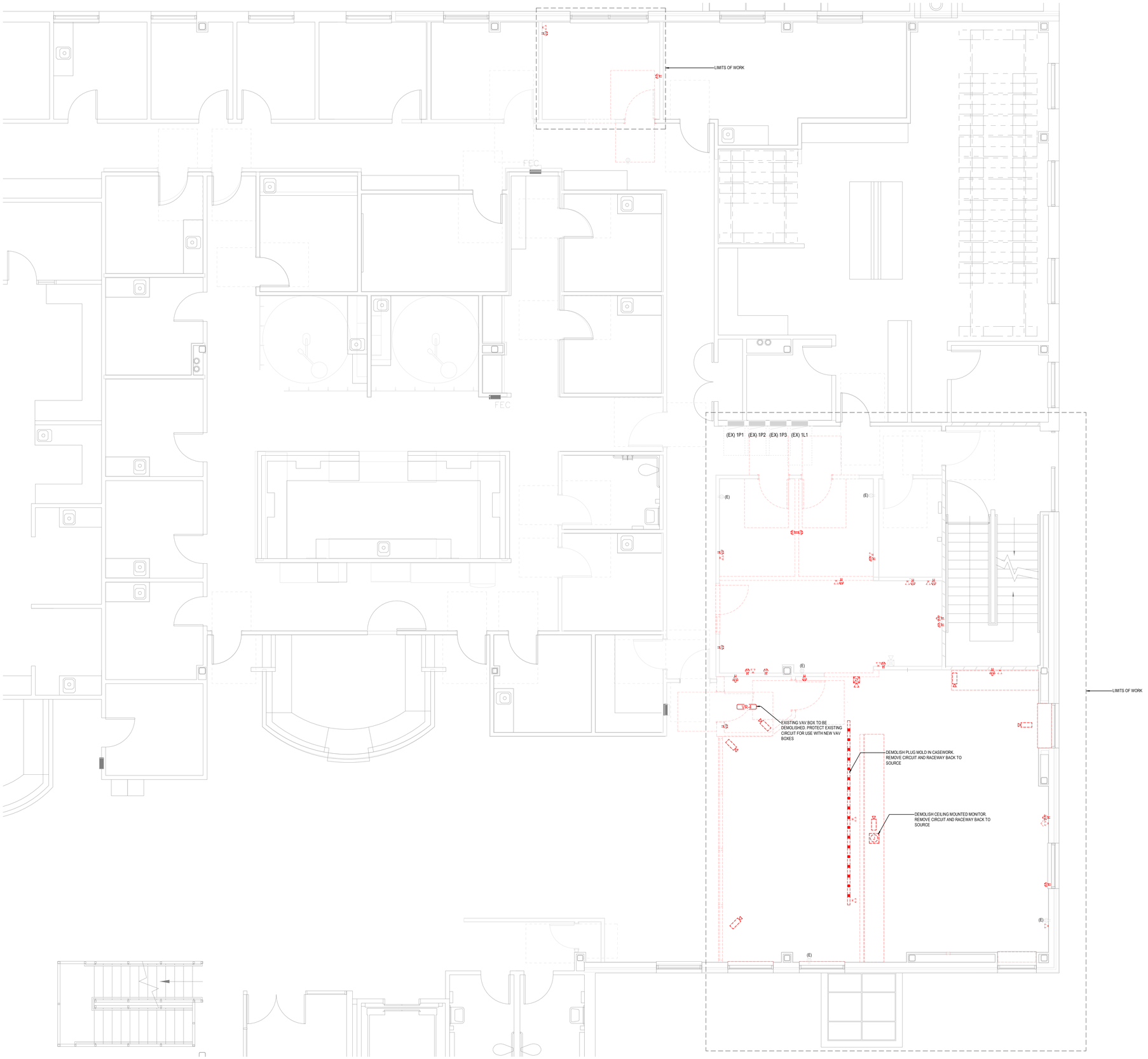
LEVEL 1 LIGHTING DEMOLITION PLAN

ED101

RESOLUT
181 E 5600 S, Murray, UT 84107 | (801) 530-3148
info@resolutgroup.com | resolutgroup.com

Project #: 250801

PLOT DATE:
11/25/2025 4:32:20 PM
AUTHOR: MICHAEL
ARCHITECTS



1 LEVEL 1 POWER DEMOLITION PLAN
1/4" = 1'-0"

KEYED NOTES

1. NOT USED.

GENERAL NOTES

A. EC SHALL COORDINATE WITH ALL OTHER TRADES DURING DEMOLITION AND CONSTRUCTION TO FACILITATE TIMELY WORK.
B. ALL AREAS ARE TO BE KEPT CLEAN AND CLEAR OF DEBRIS AT ALL TIMES.
C. CONTRACTOR SHALL PATCH AND REPAIR ALL WALLS, CEILINGS ETC. TO MATCH EXISTING CONDITIONS. PENETRATIONS SHALL BE SEALED WITH FIRE RATED CAULK.
D. ROUTE ALL CONDUIT IN A NEAT AND ORDERLY FASHION. ALL CONDUIT SHALL BE CONCEALED ABOVE CEILINGS OR IN WALLS OR FINISHED SPACES UNLESS OTHERWISE INDICATED ON THE PLANS.
E. DEVICES SHOWN ON DEMOLITION SHEETS ARE GATHERED FROM AS-BUILT DRAWINGS AND FIELD INVESTIGATION. NOT ALL DEVICES ARE SHOWN. DEVICE PLACEMENT IS SCHEMATIC AND NOT EXACT. CONTRACTOR TO FIELD VERIFY FOR EXACT LOCATIONS AND COORDINATE WORK WITH ALL OTHER DEVICES, EQUIPMENT, CONDUIT, ETC. WHETHER OR NOT SHOWN TO COMPLETE PROJECT.
F. CONTRACTOR TO COORDINATE WITH OWNER FOR ITEMS TO BE SALVAGED PRIOR TO DEMOLITION. CONTRACTOR RESPONSIBLE FOR DISPOSING OF ANY MATERIAL THAT THE OWNER DOES NOT WANT TO KEEP.
G. CAP AND LABEL ALL EMPTY CONDUIT TO REMAIN.
H. DEVICES/EQUIPMENT SHOWN IN GRAY ARE EXISTING TO REMAIN. PRESERVE AND PROTECT. MAINTAIN EXISTING CIRCUIT INTEGRITY.

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE # 450
SALT LAKE CITY, UTAH 84102

LICENSED PROFESSIONAL ENGINEER
Lewis Wogg
No. 9075170
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST.
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S. SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

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SALT LAKE CITY, UTAH 84105

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LEVEL 1 POWER DEMOLITION PLAN

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1 LEVEL 1 LIGHTING PLAN
1/4" = 1'-0"

KEYED NOTES

1. OWNER FURNISHED CONTRACTOR INSTALLED PROCEDURE LIGHT FIXTURE. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
2. NEW LIGHT FIXTURES CONNECTED TO EXISTING CIRCUIT.
3. DAYLIGHT HARVESTING NOT REQUIRED PER 2021 IECC C405.2.4(1)(2).

GENERAL NOTES

A. AREAS SHOWING OCCUPANCY/VACANCY SENSORS IDENTIFY SPACES WHERE THE LIGHTS IN THE SPACE ARE TO BE CONTROLLED BY OCCUPANCY/VACANCY SENSORS AND DO NOT NECESSARILY INDICATE EXACT QUANTITIES AND PLACEMENT. THE CONTRACTOR IS TO COORDINATE WITH THE LOCAL MANUFACTURER'S REPRESENTATIVE FOR EXACT LOCATIONS AND QUANTITIES FOR A 90% MINIMUM COVERAGE OF THE SPACE. PROVIDE APPROPRIATE TYPE TO MATCH CEILING HEIGHT APPLICATION. PROVIDE RELAYS, POWER PACKS, ETC. AS REQUIRED FOR A COMPLETE INSTALLATION. INSTALL SENSOR(S) A MINIMUM OF 3 FEET FROM DIFFUSERS. ALL OCCUPANCY SENSORS SHALL BE DUAL-TECHNOLOGY.
B. RUN ALL LIGHTING IN SPACES NOT CONTROLLED BY OCCUPANCY SENSORS OR TIMERS THROUGH THE LIGHTING CONTROL PANEL.
C. DAYLIGHT RESPONSIVE CONTROL PHOTOCELLS TO ACTIVATE FOR A LIGHT FIXTURE THAT IS ON IN THE PRIMARY OR SECONDARY DAYLIGHT ZONE, INCULDING NIGHTLIGHTS, WHEN SUFFICIENT DAYLIGHT IS PRESENT. PROVIDE ADDITIONAL ZONES, POWER PACKS, ETC. AS REQUIRED TO AUTOMATICALLY DIM LIGHTS IN DAYLIGHT ZONES AND MEET SWITCHING REQUIREMENTS. PROVIDE ADDITIONAL ZONES, POWER PACKS, ETC AS REQUIRED TO ACCOMMODATE SWITCHING INDICATED AND DAYLIGHT HARVESTING ZONES.
D. LIGHTING CALLOUTS ARE TYPICAL FOR OTHER LIGHTS IN THE ROOM OF THE SAME LUMINAIRE SYMBOL UNLESS INDICATED OTHERWISE.
E. EMERGENCY EGRESS LIGHTS SHALL BE WIRED SUCH THAT WHEN COMMERCIAL POWER FAILS, EACH LIGHT WILL DELIVER A MINIMUM OF 1400 LUMENS OR ITS MAXIMUM LUMEN OUTPUT REGARDLESS OF THE POSITION OF THE CONTROL DEVICE. RUN AN UNSWITCHED HOT CONDUCTOR AHEAD OF THE SWITCHING DEVICE TO THE BATTERY PACK/GENERATOR TRANSFER DEVICE FROM THE SAME CIRCUIT AS NORMAL FIXTURE OPERATION. LIGHTS TO BE SWITCHED AS SHOWN DURING NORMAL OPERATION.
F. PROVIDE DIMMING WIRING FOR SPACES WHERE DIMMERS ARE SHOWN TO CONTROL LIGHTING FOR THAT SPACE.
G. PROVIDE 6' SLACK OF WIRING FOR CEILING MOUNTED SENSORS.
H. DEVICES/EQUIPMENT SHOWN IN GRAY ARE EXISTING TO REMAIN. PRESERVE AND PROTECT. MAINTAIN EXISTING CIRCUIT INTEGRITY.

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE # 550
SALT LAKE CITY, UTAH 84102

LICENSED PROFESSIONAL ENGINEER
Lewis Wogg
No. 9075170
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST.
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S. SUITE 200
MURRAY, UTAH 84107

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LEVEL 1 LIGHTING PLAN

RESOLUT
181 E 5600 S, Murray, UT 84107 | (801) 530-3148
info@resolutgroup.com | resolutgroup.com

Project #: 250801

EL101

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PLOTTED BY: JOE
ARCHITECTS

LIGHT FIXTURE SCHEDULE

LIGHT FIXTURE ABBREVIATION SCHEDULE

A.F.F.	ABOVE FINISH FLOOR	SCBA	STANDARD PAINTED COLOR AS SELECTED BY THE ARCHITECT
WALL@CLG	WALL MOUNT AT CORNER OF WALL AND CEILING	CFBA	CUSTOM FINISH AS SELECTED BY THE ARCHITECT
CCBA	CUSTOM PAINTED COLOR AS SELECTED BY THE ARCHITECT	SFBA	STANDARD FINISH AS SELECTED BY THE ARCHITECT

LIGHT FIXTURE GENERAL NOTES

1. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF LIGHT FIXTURES AND, CONFIRM CEILING TYPES WITH LIGHT FIXTURE TRIMS. BRING ALL DISCREPANCIES OF LOCATIONS AND QUANTITIES TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO BIDDING.
2. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS OF LIGHT FIXTURES. BRING ALL DISCREPENCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BIDDING.
3. REFER TO THE SPECIFICATIONS FOR OTHER LIGHT FIXTURE, FUSING, LED DRIVERS, AND LAMP REQUIREMENTS AND ACCEPTABLE MANUFACTURERS.
4. CONFIRM AVAILABLE MOUNTING DEPTHS OF ALL LIGHT FIXTURES AND COMPARE WITH DEPTHS SHOWN ON SHOP DRAWINGS. BRING ALL POTENTIAL CONFLICT AREAS TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO RELEASE.
5. REFER TO LIGHTING PLANS FOR ALL LINEAR FIXTURE LENGTHS. THE CATALOG NUMBER IS BASED ON THE FIXTURE SPECIFIED AND MAY NOT REFLECT THE QUANTITY OR OVERALL LENGTH OF LINEAR FIXTURES REQUIRED. CONTRACTOR TO NOTE THAT VARIOUS FIXTURE LENGTHS MAY BE REQUIRED TO ACHIEVE THE OVERALL RUN LENGTH.
6. REFER TO LIGHTING PLANS FOR ALL UNDERCABINET FIXTURE LENGTHS. THE CATALOG NUMBER IS BASED ON THE FIXTURE SPECIFIED AND MAY NOT REFLECT THE QUANTITY OR OVERALL LENGTH OF THE UNDERCABINET FIXTURES REQUIRED. CONTRACTOR TO NOTE THAT VARIOUS FIXTURE LENGTHS MAY BE REQUIRED TO ACHIEVE THE OVERALL RUN LENGTH OR TO FIT WITHIN THE MILLWORK. COORDINATE FIXTURE LAYOUT WITH MILLWORK SHOP DRAWINGS PRIOR TO LIGHTING SUBMITTALS.
7. WHEN A CONTRADICTION EXISTS BETWEEN A SPECIFIC MODEL NUMBER AND THE DESCRIPTION, NOTIFY THE ELECTRICAL ENGINEER AND/OR LIGHTING DESIGNER.
8. PRIOR APPROVALS ARE REQUIRED BEFORE BIDDING THE PROJECT AND 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.
9. REFER TO SPECIFICATIONS 20 0500, 26 5100 & 26 5600 (16001, 16510 & 16551).
10. VALUE ENGINEERING CONDUCTED WITHOUT THE DESIGN TEAM IE; ARCHITECT, ENGINEER & LIGHTING CONSULTANT/DESIGNER WILL NOT BE ALLOWED, REVIEWED OR APPROVED.
11. CONTRACTOR SHALL COORDINATE CEILING TYPES PRIOR TO ORDERING. CONTRACTOR SHALL PROVIDE ALL NECESSARY MOUNTING HARDWARE REQUIRED FOR COMPATIBILITY WITH CEILING.

TYPE	DESCRIPTION	MOUNTING	BATTERY PACK	DIMMING	MFR.	MODEL NUMBER	VOLTAGE	TOTAL WATTS	SCHEDULE NOTES	LAMP	DIRECT LUMENS	CCT	CRI
A	2X4 RECESSED TROFFER	CEILING RECESSED	No	LED DRIVER, 0-10V DIMMING, 1%	METALUX	24EN-LD2-40-UNV-L835-CD1	277 V	34 VA	--	Integral LED	4000 lm	3500 K	80
A2	2X4 RECESSED TROFFER	CEILING RECESSED	No	LED DRIVER, 0-10V DIMMING, 1%	METALUX	24EN-LD2-49-UNV-L835-CD1	277 V	42 VA	--	Integral LED	4900 lm	3500 K	80
A2E	2X4 RECESSED TROFFER	CEILING RECESSED	Yes	LED DRIVER, 0-10V DIMMING, 1%	METALUX	24EN-LD2-49-UNV-EL10W-L835-CD1	277 V	42 VA	--	Integral LED	4900 lm	3500 K	80
AE	2X4 RECESSED TROFFER	CEILING RECESSED	Yes	LED DRIVER, 0-10V DIMMING, 1%	METALUX	24EN-LD2-40-UNV-EL10W-L835-CD1	277 V	34 VA	--	Integral LED	4000 lm	3500 K	80
J	LINEAR VANITY	WALL	No	--	LITHONIA	FMVCSL-24IN-MVOLT-30K-90CRI-BN	277 V	17 VA	--	Integral LED	1304 lm	3000 K	80
KE	6" DOWNLIGHT	RECESSED	Yes	--	GOTHAM	EVO6-35/20-AR-LSS-WD-MVOLT-GZ10-E10W	277 V	20 VA	--	Integral LED	2000 lm	3500 K	80
L8	8' LINEAR RECESSED	CEILING RECESSED	No	LED DRIVER, 0-10V 10% DIMMABLE	STARTEK	RBEAM-8-500-SD-35K-80-PW-CONTRACTOR VERIFY-U-1C	277 V	32 VA	LUMENS PER FOOT	Integral LED	500 lm	3500 K	80
L8E	8' LINEAR RECESSED	CEILING RECESSED	Yes	LED DRIVER, 0-10V 10% DIMMABLE	STARTEK	RBEAM-8-500-SD-35K-80-PW-CONTRACTOR VERIFY-U-1C-EMB10	277 V	32 VA	LUMENS PER FOOT	Integral LED	500 lm	3500 K	80
L10	10' LINEAR RECESSED	CEILING RECESSED	No	LED DRIVER, 0-10V 10% DIMMABLE	STARTEK	RBEAM-10-500-SD-35K-80-PW-CONTRACTOR VERIFY-U-1C	277 V	40 VA	LUMENS PER FOOT	Integral LED	500 lm	3500 K	80
U3	36" UNDERCABINET	SURFACE	No	--	HEALTHCARE LIGHTING	HUC535-MVOLT-LED35-S1-AM	277 V	19 VA		Integral LED	1932 lm	3500 K	80
U4	48" UNDERCABINET	SURFACE	No	--	HEALTHCARE LIGHTING	HUC546-MVOLT-LED35-S1-AM	277 V	26 VA		Integral LED	2605 lm	3500 K	80
X	EXIT SIGN, EDGE-LIT, 1-SIDED	WALL	Yes	--	LITHONIA	EDGR-2-R-EL	277 V	5 VA		Integral LED	0 lm	0 K	0

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE # 450
SALT LAKE CITY, UTAH 84102

LICENSED PROFESSIONAL ENGINEER
Lewis Wogg
No. 9075170
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S, SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE

INCLINE: 25-030
OWNER: 10020983

11/25/2025

PERMIT SET

LIGHTING SCHEDULES

EL601

RESOLUT
181 E 5600 S, Murray, UT 84107 | (801) 530-3148
info@resolutgroup.com | resolutgroup.com

Project #: 250801

PLOT DATE:
11/25/2025 4:32:23 PM
CONFIG: Model
ARCHITECTS



1 LEVEL 1 POWER PLAN
1/4" = 1'-0"

KEYED NOTES

1. CONTRACTOR SHALL UTILIZE EXISTING CIRCUITS TO THE EXTENT POSSIBLE. PROVIDE NEW CABLING AND RACEWAY WHERE REQUIRED.
2. TIE NEW VAV BOXES TO EXISTING VR-4 CIRCUIT.
3. DEDICATED CIRCUIT FOR COPIER.
4. LEGRAND 6ATC2P8K - 3 GANG POKE-THRU FLOORBOX POWER ONLY. PROVIDE (2) DUPLEX RECEPTACLE AND ONE SPARE. CIRCUIT TO SPARE BREAKER PANEL OP1 IN BASEMENT MAIN ELECTRICAL ROOM APPROXIMATE DISTANCE 100'.
5. COORDINATE NURSE CALL DEVICE ROUGH-IN REQUIREMENTS WITH OWNER AND ARCHITECT. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
6. CARD READERS TO ACTIVATE DOOR ACTUATOR. ACCESS-CONTROLLED DOOR TOOPEN DOOR VIA DOOR ACTUATOR UPON VALID CARD READ.

GENERAL NOTES

POWER:

EC SHALL COORDINATE WITH ALL OTHER TRADES DURING DEMOLITION AND CONSTRUCTION TO FACILITATE TIMELY WORK.

A. ALL AREAS ARE TO BE KEPT CLEAN AND CLEAR OF DEBRIS AT ALL TIMES.
B. CONTRACTOR SHALL PATCH AND REPAIR ALL WALLS, CEILINGS ETC. TO MATCH EXISTING CONDITIONS.
C. ROUTE ALL CONDUIT IN A NEAT AND ORDERLY FASHION. ALL CONDUIT IN FINISHED SPACES SHALL BE CONCEALED ABOVE CEILINGS OR IN WALLS UNLESS OTHERWISE INDICATED ON THE PLANS.
D. BRANCH CIRCUITS SHALL NOT EXCEED 3% VOLTAGE DROP.
E. PROVIDE UPDATED TYPED CIRCUIT DIRECTORY WITH UNIQUE CIRCUIT DESCRIPTIONS PER NEC 408.4 FOR PANELS AFFECTED BY THIS PROJECT.
F. WIRE COUNTS FOR CIRCUIT CONDUCTORS ARE NOT SHOWN. PROVIDE PROPER NUMBER OF CONDUCTORS TO ACHIEVE CIRCUIT AND SWITCHING CONNECTIONS SHOWN.
G. CIRCUIT NUMBERS AT DEVICES CORRESPOND TO BREAKERS. BRANCH CIRCUITS SHALL BE SIZED ACCORDING TO THE CIRCUIT BREAKER RATING, UNLESS INDICATED OTHERWISE ON THE ELECTRICAL EQUIPMENT SCHEDULE.
H. DEVICES/EQUIPMENT SHOWN IN GRAY ARE EXISTING TO REMAIN. PRESERVE AND PROTECT. MAINTAIN EXISTING CIRCUIT INTEGRITY.

FIRE ALARM:

A. CONTRACTOR TO MAKE PROVISIONS TO MEET THE INTELLIGIBILITY REQUIREMENTS OF NFPA 72 AND TEST AS REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
B. PROVIDE A COMPLETE CODE COMPLIANT FIRE ALARM SYSTEM APPROVED BY THE AUTHORITY HAVING JURISDICTION. DEVICES SHOWN INDICATE DESIGN INTENT FOR THE SPACE. CONTRACTOR IS RESPONSIBLE FOR A CODE COMPLIANT SYSTEM FOR THE SPACE WHETHER OR NOT EXACT QUANTITY OF DEVICES ARE SHOWN OR NOT.
C. THESE DRAWINGS ARE DIAGRAMMATIC. REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.
D. INSTALLATION SHALL COMPLY WITH NEC, NFPA 72 AND ALL OTHER APPLICABLE CODES AS REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
E. FIRE RATINGS SHALL BE MAINTAINED FOR ALL PENETRATIONS THROUGH FIRE-RATED CONSTRUCTION.
F. POWER FOR ALL FIRE ALARM PANELS AND FIRE ALARM POWER SUPPLIES MUST BE PROVIDED BY A DEDICATED AC BRANCH CIRCUIT.
G. POWER-LIMITED AND NONPOWER-LIMITED CIRCUIT WIRING MUST REMAIN SEPARATED IN CABINET. ALL POWER-LIMITED CIRCUIT WIRING MUST REMAIN AT LEAST 0.25" AWAY FROM ANY NONPOWER-LIMITED CIRCUIT WIRING. FURTHERMORE, ALL POWER-LIMITED AND NONPOWER-LIMITED CIRCUIT WIRING MUST ENTER AND EXIT THE CABINET THROUGH DIFFERENT KNOCK OUTS AND/OR SEPARATE CONDUITS. WHEN UTILIZING CLASS "A" CIRCUITS, SEPARATE OUTGOING AND RETURN CONDUCTORS OF CLASS "A" CIRCUITS BY A MINIMUM OF 12" WHERE RUN VERTICALLY AND 48" WHERE RUN HORIZONTALLY. WHEN UTILIZING SHIELDED CABLE TIE SHIELDS THROUGH AND INSULATE AT EACH JUNCTION BOX. INSULATE AND TAPE BACK AT END.
H. ALL FIRE ALARM CABLING SHALL BE ACCEPTABLE TO THE FIRE ALARM EQUIPMENT MANUFACTURER FOR THE INTENDED PURPOSE.
I. SMOKE DETECTORS SHALL NOT BE INSTALLED UNTIL AFTER CONSTRUCTION CLEAN-UP IS COMPLETED AND FINAL.
J. LOCATE SMOKE DETECTORS A MINIMUM OF THREE (3) FEET FROM MECHANICAL DIFFUSERS. WALL-MOUNTED SMOKE DETECTORS SHALL BE LOCATED A MINIMUM OF 4" AND A MAXIMUM OF 12" FROM CEILING. CEILING-MOUNTED SMOKE DETECTORS SHALL BE MOUNTED ON CEILINGS AND NOT ON THE BOTTOMS OF BEAMS OR JOISTS.
K. PROVIDE SYNCHRONIZATION OF ALL VISUAL NOTIFICATION APPLIANCE CIRCUITS. PROVIDE ALL REQUIRED SYNC MODULES. PROVIDE A MULTI-SYNC MODE SLAVE CONNECTION BETWEEN ALL SYNC MODULES.
L. VERIFY ALL FIELD SELECTABLE AUDIBILITY SETTINGS OF NOTIFICATION APPLIANCES WITH FIRE ALARM CONTRACTOR.
M. UPON COMPLETION OF THE FIRE ALARM SYSTEM INSTALLATION AND PROGRAMMING, THE INSTALLING CONTRACTOR SHALL PERFORM FINAL TESTING OF THE ENTIRE SYSTEM, PER ALL APPLICABLE CODES, AND SHALL COORDINATE AND PERFORM A FINAL FIRE ALARM SYSTEM INSPECTION.
N. PROVIDE OFF-SITE MONITORING AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
O. PROVIDE FIRE ALARM DEVICES COMPATIBLE WITH EXISTING FIRE ALARM CONTROL PANEL.

SYSTEMS:

A. COORDINATE FIRE ALARM DEVICES WITH LIGHTING FIXTURES, SPEAKERS, MECHANICAL DIFFUSERS, ETC.
B. PROVIDE 2"X4"X2-1/2" JUNCTION BOX WITH MUD RING FOR ALL VOICE/DATA OUTLETS\. EXTEND 3/4" NMT CONDUIT WITH PULL CORD TO NEAREST HALL CONTAINING CABLE MANAGEMENT SYSTEM. VOICE/DATA JACKS, FACE PLATES, AND CABLE PROVIDED AND INSTALLED BY OTHERS. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
C. SOUND SYSTEM, SECURITY SYSTEM AND SURVEILLANCE SYSTEM PROVIDED BY OTHERS. CONTRACTOR SHALL COORDINATE ALL ROUGH-IN REQUIREMENTS WITH SOUND SYSTEM AND SURVEILLANCE SYSTEM INSTALLER AND PROVIDE ALL NECESSARY BACK-BOXES, RACEWAYS FOR SAID SYSTEM.
D. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING CABLE MANAGEMENT SYSTEM (J-HOOKS) ALONG ONE SIDE OF ALL HALLS WITH ACCESSIBLE CEILINGS OR HATCHES PROVIDED ERCO (ER-CAT64HP) 4" DIA. J-HOOKS OR EQUAL. LOCATE J-HOOKS 6" ABOVE CEILING WITH A SPACING NOT TO EXCEED 4'-0" ON CENTER.
E. DEVICES/EQUIPMENT SHOWN IN GRAY ARE EXISTING TO REMAIN. PRESERVE AND PROTECT. MAINTAIN EXISTING CIRCUIT INTEGRITY.

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE # 550
SALT LAKE CITY, UTAH 84102

LICENSED PROFESSIONAL ENGINEER
Lewis Wogg
No. 9075170
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST.
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S. SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE

INCLINE: 25-030
OWNER: 10020983

11/25/2025

PERMIT SET

LEVEL 1 POWER FLOOR PLAN

EP101

RESOLUT
181 E 5600 S, Murray, UT 84107 | (801) 530-3148
info@resolutgroup.com | resolutgroup.com

Project #: 250801

PLOT DATE:
11/25/2025 4:32:21 PM
PLOTTED BY: KEVIN LANE
ARCHITECTS

PANELBOARD SCHEDULE — Existing

PANEL: (EX) 1P2 **TYPE:** NEMA 1 **VOLTS:** 208Y/120 **PHASE:** 3 **WIRES:** 4

MOUNTING: FLUSH **LOCATION:** **MAINS:** MLO

BUSSING: ALUMINUM **FED FROM:** No SUBFEED LUGS

AMP: 225 A X DOOR-IN-DOOR ____ ISO GROUND ____ 200% NEUTRAL ____ SPD

BRANCH BREAKERS

ITEM	AMPS	TYPE	POLE	WIRE SIZE	CIR. NO.	A	B	C	CIR. NO.	WIRE SIZE	POLE	TYPE	AMPS	ITEM
MEDICAL RECORDS 197 OUTLETS	20 A		1	--	1	0 0 VA			2	--	1		20 A	CARDIAC 157 OUTLETS
MEDICAL RECORDS 197 OUTLETS	20 A		1	--	3		0 VA 0 VA		4	--	1		20 A	CARDIAC 157 OUTLETS
MEDICAL RECORDS 197 OUTLETS	20 A		1	--	5			0 VA 0	6	--	1		20 A	CARDIAC 157 OUTLETS
CHART RETURN 196 OUTLETS	20 A		1	--	7	0 0 VA			8	--	1		20 A	SUTURE 158 OUTLETS
CHART RETURN 196 OUTLETES	20 A		1	--	9		0 VA 0 VA		10	--	1		20 A	SUTURE 158 OUTLETS
INFORMATION 194 OUTLETS	20 A		1	--	11			0 VA 0	12	--	1		20 A	CARDIAC 157 OUTLETS
SUPERVISOR 199 OUTLETS	20 A		1	--	13	0 0 VA			14	--	1		20 A	SUTURE 158 OUTLETS
CHART RETURN 196 OUTLETS	20 A		1	--	15		0 VA 0 VA		16	--	1		20 A	PROCEDURE 155 OUTLETS
(D) PHARMACY 188 OUTLETS	20 A		1	--	17			0 VA 0	18	--	1		20 A	EYE EXAM 179 OUTLETS
(D) PHARMACY 188 OUTLETS	20 A		1	--	19	0 0 VA			20	--	1		20 A	KC EXAM 178 OUTLETS
(D) PHARMACY 188 OUTLETS	20 A		1	--	21		0 VA 0 VA		22	--	1		20 A	PROCEDURE 157 OUTLETS
(D) PHARMACY 188 OUTLETS	20 A		1	--	23			0 VA 0	24	--	1		20 A	PROCEDURE 158 OUTLETS
(D) PHARMACY 188 OUTLETS	20 A		1	--	25	0 0 VA			26	--	1		20 A	KC EXAM 155 OUTLETS
(D) PHARMACY 188 OUTLETS	20 A		2	--	27		0 VA 0 VA		28	--	1		20 A	KC EXAM 174 OUTLETS
					29			0 VA 0	30	--	1		20 A	KC EXAM 173 OUTLETS
(D) PHARMACY 188 OUTLETS	20 A		1	--	31	0 0 VA			32	--	1		20 A	KC EXAM 174 OUTLETS
(D) PHARMACY 188 OUTLETS	20 A		1	--	33		0 VA 0 VA		34	--	1		20 A	KC EXAM 173 OUTLETS
EAST RESTROOM OUTLETS	20 A		1	--	35			0 VA 0	36	--	1		20 A	OFFICE 186A OUTLETS
LUNCH RCPTS	20 A		1	--	37	0 0 VA			38	--	1		20 A	(D) OFFICE 186A OUTLETS
LUNCH ROOM 2	20 A		1	--	39		0 VA 0 VA		40	--	1		20 A	(D) OFFICE 191 OUTLETS
SPARE	20 A		1	--	41			0 VA 0	42	--	1		20 A	(D) OFFICE 191 OUTLETS
						0	0 VA	0 VA	**TOTAL (VA)**					**CONNECTED LOAD TOTAL**
FEED THRU LOAD 0 VA						0 A	0 A	0 A	**AMPS/PHASE**					0 VA

AIC RATING 10,000 A **AMPS RMS SYSM.**

NOTES:
(D) DEMOLISH CIRCUIT. SET BREAKER TO 'OFF' AND LABEL 'SPARE'

CIRCUIT BREAKER TYPE:

PANELBOARD SCHEDULE — Existing

PANEL: (EX) 1P1 **TYPE:** NEMA 1 **VOLTS:** 208Y/120 **PHASE:** 3 **WIRES:** 4

MOUNTING: FLUSH **LOCATION:** **MAINS:** MLO

BUSSING: ALUMINUM **FED FROM:** No SUBFEED LUGS

AMP: 225 A X DOOR-IN-DOOR ____ ISO GROUND ____ 200% NEUTRAL ____ SPD

BRANCH BREAKERS

ITEM	AMPS	TYPE	POLE	WIRE SIZE	CIR. NO.	A	B	C	CIR. NO.	WIRE SIZE	POLE	TYPE	AMPS	ITEM
EXAM RECESSED LIGHTS	30 A	EX	1	--	1	0 0 VA			2	--	1	EX	20 A	TOILET 171 & 172 OUTLETS
SUTURE 158 PROCEDURE LIGHT	20 A	EX	1	--	3		0 VA 0 VA		4	--	1	EX	20 A	CARD READER
CARDIAC 157 PROCEDURE LIGHT	20 A	EX	1	--	5			0 VA 0	6	--	1	EX	20 A	RECEPTION 165 OUTLETS
(D) SPARE	20 A	EX	1	--	7	0 0 VA			8	--	1	EX	20 A	RECEPTION 165 OUTLETS
VAV EAST CORRIDOR	20 A	EX	1	--	9		0 VA 0 VA		10	--	1	EX	20 A	RECEPTION 165 OUTLETS
VAV NORTHEAST CORRIDOR	20 A	EX	1	--	11			0 VA 0	12	--	1	EX	20 A	CORRIDOR 163 OUTLETS
VAV NORTH CORRIDOR	20 A	EX	1	--	13	0 0 VA			14	--	1	EX	20 A	CORRIDOR 163 OUTLETS
(D) SPARE	20 A	EX	1	--	15		0 VA 0 VA		16	--	1	EX	20 A	NURSE STATION 161 OUTLETS
(D) SPARE	20 A	EX	1	--	17			0 VA 0	18	--	1	EX	20 A	NURSE STATION 161 OUTLETS
AUTOMATIC DOORS	20 A	EX	1	--	19	0 0 VA			20	--	1	EX	20 A	NURSE STATION 161 OUTLETS
(D) SPARE	20 A	EX	1	--	21		0 VA 0 VA		22	--	1	EX	20 A	NURSE STATION 161 OUTLETS
DOOR STRIKES	20 A	EX	1	--	23			0 VA 0	24	--	1	EX	20 A	NURSE STATION 161 OUTLETS
BREAK ROOM OUTLETS	20 A	EX	1	--	25	0 0 VA			26	--	1	EX	20 A	NURSE STATION 161 OUTLETS
BREAK ROOM OUTLETS	20 A	EX	1	--	27		0 VA 0 VA		28	--	1	EX	20 A	NURSE STATION 161 OUTLETS
BREAK ROOM OUTLETS	20 A	EX	1	--	29			0 VA 0	30	--	1	EX	20 A	OFFICE 152 OUTLETS
BREAK ROOM OUTLETS	20 A	EX	1	--	31	0 0 VA			32	--	1	EX	20 A	CLINIC MANAGER 182 OUTLETS
BREAK ROOM OUTLETS	20 A	EX	1	--	33		0 VA 0 VA		34	--	1	EX	20 A	ADMIN. ASST. OUTLETS
BREAK ROOM OUTLETS	20 A	EX	1	--	35			0 VA 0	36	--	1	EX	20 A	CORRIDOR 181 OUTLETS
BREAK ROOM OUTLETS	20 A	EX	1	--	37	0 0 VA			38	--	1	EX	20 A	REGION DIRECTOR 184 OUTLETS
SPARE	20 A	EX	1	--	39		0 VA 0 VA		40	--	1	EX	20 A	CONFERENCE 180 OUTLETS
SPARE	20 A	EX	1	--	41			0 VA 0	42	--	1	EX	20 A	SPARE
						0	0 VA	0 VA	**TOTAL (VA)**					**CONNECTED LOAD TOTAL**
FEED THRU LOAD 0 VA						0 A	0 A	0 A	**AMPS/PHASE**					0 VA

AIC RATING 10,000 A **AMPS RMS SYSM.**

NOTES:
(D) DEMOLISH CIRCUIT. SET BREAKER TO 'OFF' AND LABEL 'SPARE'

CIRCUIT BREAKER TYPE:

PANELBOARD SCHEDULE — Existing

PANEL: (EX) 1L1 **TYPE:** NEMA 1 **VOLTS:** 480Y/277 **PHASE:** 3 **WIRES:** 4

MOUNTING: FLUSH **LOCATION:** **MAINS:** MLO

BUSSING: ALUMINUM **FED FROM:** No SUBFEED LUGS

AMP: 225 A X DOOR-IN-DOOR ____ ISO GROUND ____ 200% NEUTRAL ____ SPD

BRANCH BREAKERS

ITEM	AMPS	TYPE	POLE	WIRE SIZE	CIR. NO.	A	B	C	CIR. NO.	WIRE SIZE	POLE	TYPE	AMPS	ITEM
WEST CORRIDOR LIGHTS	20 A		1	--	1	0 0 VA			2	--	1		20 A	WEST LOBBY LIGHTS
CENTER CORRIDOR LIGHTS	20 A		1	--	3		0 VA 0 VA		4	--	1		20 A	CENTER LOBBY LIGHTS
WEST EXAM / OFFICE LIGHTS	20 A		1	--	5			0 VA 0	6	--	1		20 A	EAST LOBBY LIGHTS
WEST/NORTHWEST EXAM LIGHTS	20 A		1	--	7	0 0 VA			8	--	1		20 A	SPARE
(D) MEDICAL RECORDS LIGHTS	20 A		1	--	9		0 VA 0 VA		10	--	1		20 A	SPARE
(D) PHARMACY 188 LIGHTS	20 A		1	--	11			0 VA 0	12	--	1		20 A	SPARE
EAST EXAM LIGHTS	20 A		1	--	13	0 0 VA			14	--	1		20 A	SPARE
EAST/CENTER EXAM LIGHTS	20 A		1	--	15		0 VA 0 VA		16	--	1		20 A	SPARE
WEST/CENTER EXAM LIGHTS	20 A		1	--	17			0 VA 0	18	--	1		20 A	SPARE
SPARE	20 A		1	--	19	0 0 VA			20	--	1		20 A	SPARE
SPARE	20 A		1	--	21		0 VA 0 VA		22	--	1		20 A	SPARE
SPARE	20 A		1	--	23			0 VA 0	24	--	1		20 A	SPARE
SPARE	20 A		1	--	25	0 0 VA			26	--	1		20 A	SPARE
SPARE	20 A		1	--	27		0 VA 0 VA		28	--	1		20 A	SPARE
SPARE	20 A		1	--	29			0 VA 0	30	--	1		20 A	SPARE
SPARE	20 A		1	--	31	0 0 VA			32	--	1		20 A	SPARE
SPARE	20 A		1	--	33		0 VA 0 VA		34	--	1		20 A	SPARE
SPARE	20 A		1	--	35			0 VA 0	36	--	1		20 A	SPARE
SPARE	20 A		1	--	37	0 0 VA			38	--	1		20 A	SPARE
SPARE	20 A		1	--	39		0 VA 0 VA		40	--	1		20 A	SPARE
SPARE	20 A		1	--	41			0 VA 0	42	--	1		20 A	SPARE
						0	0 VA	0 VA	**TOTAL (VA)**					**CONNECTED LOAD TOTAL**
FEED THRU LOAD 0 VA						0 A	0 A	0 A	**AMPS/PHASE**					0 VA

AIC RATING 10,000 A **AMPS RMS SYSM.**

NOTES:
(D) DEMOLISH CIRCUIT. SET BREAKER TO 'OFF' AND LABEL 'SPARE'

CIRCUIT BREAKER TYPE:
<BLANK> THERMAL MAGNETIC CIRCUIT BREAKER
G 5 mA GROUND FAULT CIRCUIT BREAKER
A ARC-FAULT CIRCUIT BREAKER
C COMBINATION AFCI/GFCI CIRCUIT BREAKER
EG 30 mA EQUIPMENT GROUND FAULT CIRCUIT BREAKER
ST SHUNT TRIP CIRCUIT BREAKER

PANELBOARD SCHEDULE — New Construction

PANEL: (R) 1P2 **TYPE:** NEMA 1 **VOLTS:** 208Y/120 **PHASE:** 3 **WIRES:** 4

MOUNTING: FLUSH **LOCATION:** **MAINS:** MLO

BUSSING: ALUMINUM **FED FROM:** No SUBFEED LUGS

AMP: 225 A X DOOR-IN-DOOR ____ ISO GROUND ____ 200% NEUTRAL ____ SPD

BRANCH BREAKERS

ITEM	AMPS	TYPE	POLE	WIRE SIZE	CIR. NO.	A	B	C	CIR. NO.	WIRE SIZE	POLE	TYPE	AMPS	ITEM
MEDICAL RECORDS 197 OUTLETS	20 A		1	--	1	0 0 VA			2	--	1		20 A	CARDIAC 157 OUTLETS
MEDICAL RECORDS 197 OUTLETS	20 A		1	--	3		0 VA 0 VA		4	--	1		20 A	CARDIAC 157 OUTLETS
MEDICAL RECORDS 197 OUTLETS	20 A		1	--	5			0 VA 0	6	--	1		20 A	CARDIAC 157 OUTLETS
CHART RETURN 196 OUTLETS	20 A		1	--	7	0 0 VA			8	--	1		20 A	SUTURE 158 OUTLETS
CHART RETURN 196 OUTLETES	20 A		1	--	9		0 VA 0 VA		10	--	1		20 A	SUTURE 158 OUTLETS
INFORMATION 194 OUTLETS	20 A		1	--	11			0 VA 0	12	--	1		20 A	CARDIAC 157 OUTLETS
SUPERVISOR 199 OUTLETS	20 A		1	--	13	0 0 VA			14	--	1		20 A	SUTURE 158 OUTLETS
CHART RETURN 196 OUTLETS	20 A		1	--	15		0 VA 0 VA		16	--	1		20 A	PROCEDURE 155 OUTLETS
(R) RECEPS PROCEDURE 194	20 A		1		17			804... 0	18	--	1		20 A	EYE EXAM 179 OUTLETS
(R) MA STATIONS 188...	20 A		1		19	960 0 VA			20	--	1		20 A	KC EXAM 178 OUTLETS
(R) RECEPS MA STATIONS 188	20 A		1		21		1,08... 0 VA		22	--	1		20 A	PROCEDURE 157 OUTLETS
(R) U.C. FRIDGE MA STATIONS 188	20 A		1		23			180... 0	24	--	1		20 A	PROCEDURE 158 OUTLETS
(R) COPIER MA STATIONS 188	20 A		1		25	2160 0 VA			26	--	1		20 A	KC EXAM 155 OUTLETS
(R) RECEPS MA STATIONS 188...	20 A		1		27		360... 0 VA		28	--	1		20 A	KC EXAM 174 OUTLETS
(R) RECEPS EXAM 195	20 A		1		29			900... 0	30	--	1		20 A	KC EXAM 173 OUTLETS
(R) MA STATIONS 188...	20 A		1		31	960 0 VA			32	--	1		20 A	KC EXAM 174 OUTLETS
(R) RECEPS PROCEDURE 194	20 A		1		33		540... 0 VA		34	--	1		20 A	KC EXAM 173 OUTLETS
EAST RESTROOM OUTLETS	20 A		1	--	35			0 VA 900	36		1		20 A	(R) RECEPS OFFICE 186A, EXAM 185
LUNCH RCPTS	20 A		1	--	37	0 720...			38		1		20 A	(R) RECEPS EXAM 189
LUNCH ROOM 2	20 A		1	--	39		0 VA 720...		40		1		20 A	(R) RECEPS EXAM 191
(R) MA STATIONS 188...	20 A		1		41			360... 720	42		1		20 A	(R) RECEPS EXAM 196
						4800	2,700 VA	3,864 VA	**TOTAL (VA)**					**CONNECTED LOAD TOTAL**
FEED THRU LOAD 0 VA						41.5 A	22.5 A	33.7 A	**AMPS/PHASE**					11,364 VA

AIC RATING 10,000 A **AMPS RMS SYSM.**

NOTES:
(R) REVISED CIRCUIT. PROTECT EXISTING BREAKER FOR USE WITH NEW LOADS.

CIRCUIT BREAKER TYPE:

PANELBOARD SCHEDULE — New Construction

PANEL: (R) 1P1 **TYPE:** NEMA 1 **VOLTS:** 208Y/120 **PHASE:** 3 **WIRES:** 4

MOUNTING: FLUSH **LOCATION:** **MAINS:** MLO

BUSSING: ALUMINUM **FED FROM:** No SUBFEED LUGS

AMP: 225 A X DOOR-IN-DOOR ____ ISO GROUND ____ 200% NEUTRAL ____ SPD

BRANCH BREAKERS

ITEM	AMPS	TYPE	POLE	WIRE SIZE	CIR. NO.	A	B	C	CIR. NO.	WIRE SIZE	POLE	TYPE	AMPS	ITEM
EXAM RECESSED LIGHTS	20 A		1	--	1	0 0 VA			2	--	1		20 A	TOILET 171 & 172 OUTLETS
SUTURE 158 PROCEDURE LIGHT	20 A		1	--	3		0 VA 0 VA		4	--	1		20 A	CARD READER
CARDIAC 157 PROCEDURE LIGHT	20 A		1	--	5			0 VA 0	6	--	1		20 A	RECEPTION 165 OUTLETS
(R) COPIER AND COUNTER DIRECT...	20 A		1		7	360 0 VA			8	--	1		20 A	RECEPTION 165 OUTLETS
VAV EAST CORRIDOR	20 A		1	--	9		0 VA 0 VA		10	--	1		20 A	RECEPTION 165 OUTLETS
VAV NORTHEAST CORRIDOR	20 A		1	--	11			0 VA 0	12	--	1		20 A	CORRIDOR 163 OUTLETS
VAV NORTH CORRIDOR	20 A		1	--	13	0 0 VA			14	--	1		20 A	CORRIDOR 163 OUTLETS
(R) WORKSTATION DIRECTOR 184	20 A		1		15		360... 0 VA		16	--	1		20 A	NURSE STATION 161 OUTLETS
(R) WORKSTATION DIRECTOR 184	20 A		1		17			720... 0	18	--	1		20 A	NURSE STATION 161 OUTLETS
AUTOMATIC DOORS	20 A		1	--	19	0 0 VA			20	--	1		20 A	NURSE STATION 161 OUTLETS
(R) WORKSTATION DIRECTOR 184	20 A		1		21		540... 0 VA		22	--	1		20 A	NURSE STATION 161 OUTLETS
DOOR STRIKES	20 A		1	--	23			0 VA 0	24	--	1		20 A	NURSE STATION 161 OUTLETS
BREAK ROOM OUTLETS	20 A		1	--	25	0 0 VA			26	--	1		20 A	NURSE STATION 161 OUTLETS
BREAK ROOM OUTLETS	20 A		1	--	27		0 VA 0 VA		28	--	1		20 A	NURSE STATION 161 OUTLETS
BREAK ROOM OUTLETS	20 A		1	--	29			0 VA 0	30	--	1		20 A	OFFICE 152 OUTLETS
BREAK ROOM OUTLETS	20 A		1	--	31	0 0 VA			32	--	1		20 A	CLINIC MANAGER 182 OUTLETS
BREAK ROOM OUTLETS	20 A		1	--	33		0 VA 0 VA		34	--	1		20 A	ADMIN. ASST. OUTLETS
BREAK ROOM OUTLETS	20 A		1	--	35			0 VA 0	36	--	1		20 A	CORRIDOR 181 OUTLETS
(R) RECEPS MA STATIONS 188	20 A		1		37	720 0 VA			38	--	1		20 A	REGION DIRECTOR 184 OUTLETS
(R) DOOR PWR, SCALE, CHARGE...	20 A		1		39		720... 0 VA		40	--	1		20 A	CONFERENCE 180 OUTLETS
SPARE	20 A		1	--	41			0 VA 360	42		1		20 A	(R) PATIENT TOILET 192B OUTLET
						1080	1,620 VA	1,080 VA	**TOTAL (VA)**					**CONNECTED LOAD TOTAL**
FEED THRU LOAD 0 VA						9 A	13.5 A	9 A	**AMPS/PHASE**					3,780 VA

AIC RATING 10,000 A **AMPS RMS SYSM.**

NOTES:
(R) REVISED CIRCUIT. PROTECT EXISTING BREAKER FOR USE WITH NEW LOADS.

CIRCUIT BREAKER TYPE:

PANELBOARD SCHEDULE — New Construction

PANEL: (R) 1L1 **TYPE:** NEMA 1 **VOLTS:** 480Y/277 **PHASE:** 3 **WIRES:** 4

MOUNTING: FLUSH **LOCATION:** **MAINS:** MLO

BUSSING: ALUMINUM **FED FROM:** No SUBFEED LUGS

AMP: 225 A X DOOR-IN-DOOR ____ ISO GROUND ____ 200% NEUTRAL ____ SPD

BRANCH BREAKERS

ITEM	AMPS	TYPE	POLE	WIRE SIZE	CIR. NO.	A	B	C	CIR. NO.	WIRE SIZE	POLE	TYPE	AMPS	ITEM
WEST CORRIDOR LIGHTS	20 A		1	--	1	0 0 VA			2	--	1		20 A	WEST LOBBY LIGHTS
CENTER CORRIDOR LIGHTS	20 A		1	--	3		0 VA 0 VA		4	--	1		20 A	CENTER LOBBY LIGHTS
WEST EXAM / OFFICE LIGHTS	20 A		1	--	5			0 VA 0	6	--	1		20 A	EAST LOBBY LIGHTS
WEST/NORTHWEST EXAM LIGHTS	20 A		1	--	7	0 0 VA			8	--	1		20 A	SPARE
(R) EXAM 189,191, PATIENT TLT 192B	20 A		1		9		172... 0 VA		10	--	1		20 A	SPARE
(R) PHARMACY LIGHTS	20 A		1		11			662... 0	12	--	1		20 A	SPARE
EAST EXAM LIGHTS	20 A		1	--	13	0 0 VA			14	--	1		20 A	SPARE
EAST/CENTER EXAM LIGHTS	20 A		1	--	15		0 VA 0 VA		16	--	1		20 A	SPARE
WEST/CENTER EXAM LIGHTS	20 A		1	--	17			0 VA 0	18	--	1		20 A	SPARE
SPARE	20 A		1	--	19	0 0 VA			20	--	1		20 A	SPARE
SPARE	20 A		1	--	21		0 VA 0 VA		22	--	1		20 A	SPARE
SPARE	20 A		1	--	23			0 VA 0	24	--	1		20 A	SPARE
SPARE	20 A		1	--	25	0 0 VA			26	--	1		20 A	SPARE
SPARE	20 A		1	--	27		0 VA 0 VA		28	--	1		20 A	SPARE
SPARE	20 A		1	--	29			0 VA 0	30	--	1		20 A	SPARE
SPARE	20 A		1	--	31	0 0 VA			32	--	1		20 A	SPARE
SPARE	20 A		1	--	33		0 VA 0 VA		34	--	1		20 A	SPARE
SPARE	20 A		1	--	35			0 VA 0	36	--	1		20 A	SPARE
SPARE	20 A		1	--	37	0 0 VA			38	--	1		20 A	SPARE
SPARE	20 A		1	--	39		0 VA 0 VA		40	--	1		20 A	SPARE
SPARE	20 A		1	--	41			0 VA 0	42	--	1		20 A	SPARE
						0	172 VA	662 VA	**TOTAL (VA)**					**CONNECTED LOAD TOTAL**
FEED THRU LOAD 0 VA						0 A	0.7 A	2.5 A	**AMPS/PHASE**					834 VA

AIC RATING 10,000 A **AMPS RMS SYSM.**

NOTES:
(R) REVISED CIRCUIT. PROTECT EXISTING CIRCUIT AND BREAKER FOR USE WITH NEW LOADS.

CIRCUIT BREAKER TYPE:
<BLANK> THERMAL MAGNETIC CIRCUIT BREAKER
G 5 mA GROUND FAULT CIRCUIT BREAKER
A ARC-FAULT CIRCUIT BREAKER
C COMBINATION AFCI/GFCI CIRCUIT BREAKER
EG 30 mA EQUIPMENT GROUND FAULT CIRCUIT BREAKER
ST SHUNT TRIP CIRCUIT BREAKER

INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE # 350
SALT LAKE CITY, UTAH 84102

LICENSED PROFESSIONAL ENGINEER — Lewis Wogg No. 9075170 — STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S. SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE

INCLINE: 25-030
OWNER: 10020983

11/25/2025

PERMIT SET

PANEL SCHEDULES

EP601

RESOLUT
181 E 5600 S, Murray, UT 84107 | (801) 530-3148
info@resolutgroup.com | resolutgroup.com

Project #: 250801

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KEYED NOTES

1. NONE.

GENERAL NOTES

1. DEVICES/EQUIPMENT SHOWN IN GRAY ARE EXISTING TO REMAIN. PRESERVE AND PROTECT. MAINTAIN EXISTING CIRCUIT INTEGRITY.
2. ONELINE IS FOR REFERENCE ONLY. CONTRACTOR SHALL INFORM ENGINEER OF ANY DISCREPENCIES.

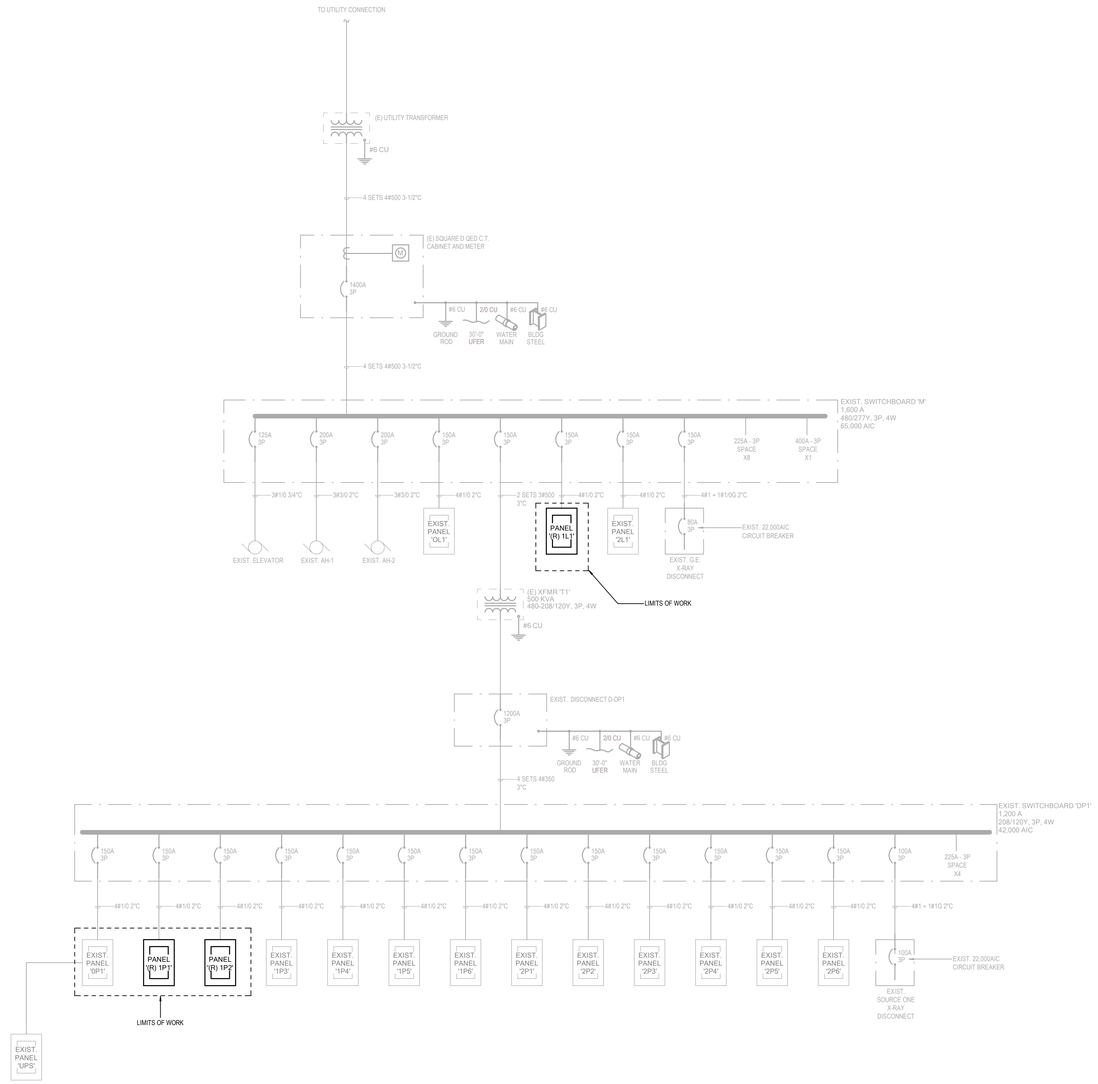


DIAGRAM 1 Electrical One-Line Diagram - Existing
NTS

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INCLINE ARCHITECTS
747 E SOUTH TEMPLE ST. STE # 100
SALT LAKE CITY, UTAH 84102

LICENSED PROFESSIONAL ENGINEER
Lewis Wogg
No. 9075170
STATE OF UTAH

STRUCTURAL ENGINEER
BHB ENGINEERS
2766 SOUTH MAIN ST.
SALT LAKE CITY, UTAH 84115

MECHANICAL & ELECTRICAL ENGINEER
RESOLUT GROUP
181 E 5600 S. SUITE 200
MURRAY, UTAH 84107

IH MEMORIAL PHARMACY BACKFILL

2000 S 900 E
SALT LAKE CITY, UTAH 84105

REVISIONS

NO.	DESCRIPTION	DATE

INCLINE: 25-030
OWNER: 10020983

11/25/2025

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ONELINE DIAGRAM - ELECTRICAL

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info@resolutgroup.com | resolutgroup.com

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EP701