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ABBREVIATIONS

NOT ALL ABBREVIATIONS MAY BE USED

&	AND
@	AT
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJUSTABLE
AFF	ABOVE FINISH FLOOR
ALT	ALTERNATE
AL / ALUM	ALUMINUM
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
BD	BOARD
BLDG	BUILDING
BLK	BLOCK(ING)
BO	BOTTOM OF
BRG	BEARING
BSMT	BASEMENT
BS	BOTH SIDES
BW	BOTH WAYS
CAB	CABINET
CB	CATCH BASIN
CCSA	CUSTOM COLOR SELECTED BY ARCHITECT
CG	CORNER GUARD
CHAM	CHAMFER
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CM	CONSTRUCTION MANAGER
COL	COLUMN
COMP	COMPUTER
CONC	CONCRETE
CONT	CONTINUOUS
CMU	CONCRETE MASONRY UNIT
CSBA	COLOR SELECTED BY ARCHITECT
CT	CERAMIC TILE
D	DEPTH
DB	DECK BEARING
DBL	DOUBLE
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DRN	DRAIN
DTL/DET	DETAIL
DW	DISHWASHER
DWG	DRAWING
E	EAST
(E)	EXISTING
EA	EACH
EIFS	EXTERIOR INSULATION SYSTEM
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
ELEV	ELEVATION
EQ	EQUAL
EQUIP	EQUIPMENT
EVAP	EVAPORATIVE
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
EWC	ELECTRIC WATER COOLER
FA	FIRE ALARM
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FG	FINISH GRADE
FH	FIRE HYDRANT
FIN	FINISHED
FLR	FLOOR
F.O.	FACE OF
FT	FOOT, FEET
FRP	FIBER REINFORCED PANEL
FRT	FIRE RETARDANT TREATED WOOD
FTG	FOOTING
FV	FIELD VERIFY
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GFRC	GLASSFIBER REINFORCED PANEL
GYP	GYPSUM
GWB	GYPSUM WALLBOARD
HB	HOSE BIB
HC	HANDICAP ACCESSIBLE
HDW	HARDWARE
HDF	HIGH DENSITY FIBERBOARD
HM	HOLLOW METAL
H	HEIGHT
HOR	HORIZONTAL
ID	INSIDE DIAMETER
ICF	INSULATED CONCRETE FORM
IN	INCH
INCL	INCLUDE
INFO	INFORMATION
INT	INTERIOR
INSUL	INSULATE, (D), (ION)
INV	INVERT
JST	JOIST
JT	JOINT

LAV	LAVATORY
LB / LBS	POUND (S)
MAT	MATERIAL (S)
MAX	MAXIMUM
MDF	MEDIUM DENSITY
MECH	MECHANICAL
MEMB	MEMBRANE
MEZZ	MEZZANINE
MFR	MANUFACTURER
MGR	MANAGER
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELANEOUS
MO	MASONRY OPENING
MTD	MOUNT (ED)
MTL	METAL
MW	MICROWAVE
N	NORTH
NIC	NOT IN CONTRACT
NO.	NUMBER
NOM	NOMINAL
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED/ CONTRACTOR INSTALLED
OFD	OVERFLOW DRAIN
OH	OVERHEAD
OPG	OPENING
OPP	OPPOSITE
OSB	ORIENTED STRAND BOARD
OZ	OUNCE
PERI	PERIMETER
PERM	PERMANENT
PL	PLATE
PLAM	PLASTIC LAMINATE
PNL	PANEL
PNT	PAINT (ED)
P.O.	POINT OF
PR	PAIR
PT	POST TENSIONED
PART	PARTITION
PLY	PLYWOOD
QT	QUARRY TILE
R / RAD	RADIUS
RCP	REFLECTED CEILING PLAN
REC	RECESSED
REF	REFERENCE
REFG	REFRIGERATOR
REINF	REINFORCE (ED)
REM	REMOVE (ED)
REPL	REPLACE
REQD	REQUIRED
REV	REVISION (S)
RM	ROOM
RO	ROUGH OPENING
S	SOUTH
SALV	SALVAGE (ED)
SECT	SECTION
SF	SQUARE FOOT
SIM	SIMILAR
SLNT	SEALANT
SPEC	SPECIFICATION (S)
SQ	SQUARE
SS	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUC	STRUCTURE (AL)
SUSP	SUSPENDED
SYM	SYMMETRY (ICAL)
T	THICKNESS
T & B	TOP AND BOTTOM
T & G	TONGUE AND GROOVE
TBD	TO BE DETERMINED
TEMP	TEMPORARY
THRU	THROUGH
T.O.	TOP OF
TRANS	TRANSFORMER
TS	TUBE STEEL
TYP	TYPICAL
UNF	UNFINISHED
UNO	UNLESS OTHERWISE NOTED
VAR	VARIES
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VWC	VINYL WALL COVERING
W	WEST
W	WIDTH
W/	WITH
WC	WATER CLOSET
WD	WOOD
W/O	WITHOUT
WSCT	WAINSCOT
WWF	WELDED WIRE FABRIC

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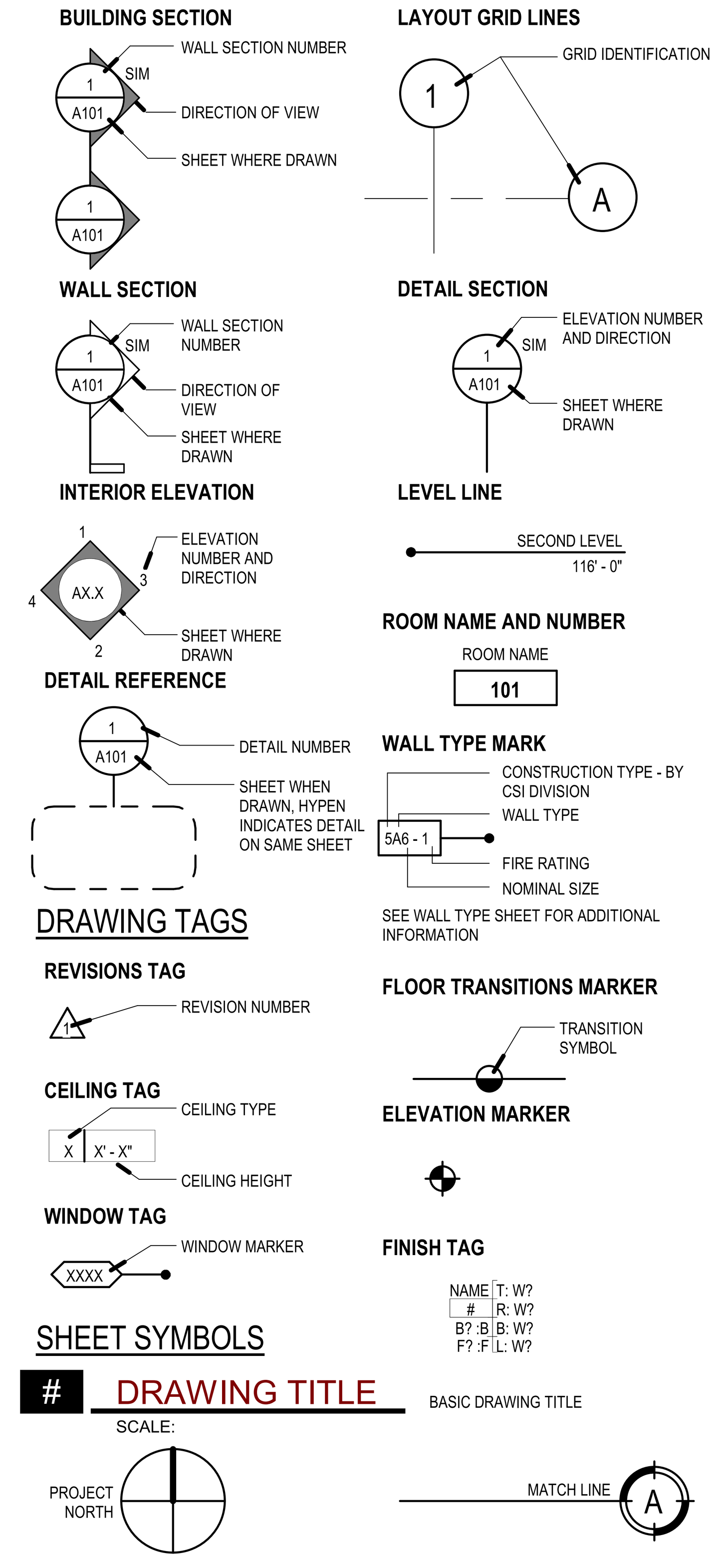
REFERENCE SYMBOL LEGEND



SHEET INDEX

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G301	TYP ANSI ACCESSIBILITY STANDARDS
DEMOLITION	
AD130	TDR - BLOOD DRAW - CHANGING - PERSONAL HEALTH - LOCKERS DEMOLITION PLANS
ARCHITECTURAL	
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A131	TDR - BLOOD DRAW - CHANGING - PERSONAL HEALTH - FINISH PLAN
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PL101	LEVEL 1 PLUMBING PLAN
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EL601	INTERIOR LIGHTING FIXTURE SCHEDULE
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EY601	SYSTEM RISER DIAGRAMS

Grand total: 45

NOTES TO BIDDERS

1. THIS SHEET CONTAINS A LIST OF DRAWINGS WHICH COMPRISE A FULL SET OF DRAWINGS FOR THIS PROJECT. ANY CONTRACTOR, SUBCONTRACTOR, VENDOR OR ANY OTHER PERSON PARTICIPATING IN OR BIDDING ON THIS PROJECT SHALL BE RESPONSIBLE FOR THE INFORMATION CONTAINED IN ANY AND ALL SHEETS OF DRAWINGS AND SPECIFICATIONS. IF ANY PERSON, PARTY OR ENTITY ELECTS TO SUBMIT BIDS FOR ANY PORTION, OR ALL, OF THIS PROJECT, THAT PERSON, PARTY OR ENTITY SHALL BE RESPONSIBLE FOR ANY AND ALL INFORMATION CONTAINED IN THESE DRAWINGS AND SPECIFICATIONS, INCLUDING, BUT NOT LIMITED TO, ANY SUBSEQUENT ADDENDUMS OR CLARIFICATIONS THAT MAY BE ISSUED.

2. THESE DOCUMENTS SHOW THE DESIGN INTENT. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE EVERYTHING SHOWN ON THE DRAWINGS OR SPECIFIED REGARDLESS OF WHERE IT IS SHOWN ON THE DRAWINGS OR IN THE SPECIFICATIONS. FOR EXAMPLE; SOME MILLWORK DETAILS HAVE STEEL FRAMES WHICH MAY BE PROVIDED BY DIVISION 05 OR WITH THE MILLWORK AT THE CONTRACTOR'S DISCRETION, BUT IT SHALL BE PROVIDED AS PART OF THE CONTRACT.

3. EVERYTHING CALLED FOR IN THESE DOCUMENTS SHALL BE "NEW" AND PROVIDED BY THE CONTRACTOR, SUBCONTRACTOR, VENDOR OR ANY OTHER PERSON PARTICIPATING IN OR BIDDING ON THIS PROJECT UNLESS NOTED OTHERWISE AS EXISTING (EXIST), NOT IN CONTRACT (NIC) OR FOR REFERENCE ONLY. FURNISHINGS SHOWN DASHED SHALL BE FOR REFERENCE ONLY.

SHEET NUMBERING + NAMING

DISCIPLINE DESIGNATOR
SHEET TYPE
LEVEL
SEQUENCE
PLAN TYPE

THIS IS A QUICK REFERENCE GUIDE TO THE SHEET NUMBERING AND NAMING SYSTEM USED IN VCBO CONSTRUCTION DOCUMENTS.

X X 0 0 0 . 0

PLAN TYPE
.0 SLAB PLAN
.1 ANNOTATED PLAN
.2 DIMENSION + WALL TYPE PLAN
.3 FINISH PLAN
.4 REFLECTED CEILING PLAN

SEQUENCE
DENOTES AREA SEQUENCE IN PLAN, AND NUMERIC SEQUENCE IN NON-PLAN SHEETS

LEVEL
DENOTES LEVEL IN A MULTI-STORY BUILDING. ALSO BECOMES A SEQUENCE NUMBER DENOTING DIVISIONS IN NON-PLAN SHEETS

SHEET TYPE SEQUENCE
0 GENERAL NOTES + LEGENDS
1 FLOOR PLANS
2 ELEVATIONS
3 SECTIONS
4 ENLARGED PLANS, ELEVATIONS, SECTIONS
5 DETAILS
6 DOOR, WINDOW, OTHER SCHEDULES
7 SIGNAGE
8 USER DEFINED
9 3D DRAWINGS + PERSPECTIVES

DEFERRED SUBMITTALS

CONTRACTOR IS RESPONSIBLE TO SUBMIT DEFERRED SUBMITTALS IN ACCORDANCE WITH IBC 107.3.4.2. AS PART OF THE SUBMITTAL PROCESS, THE CONTRACTOR IS TO SUBMIT ALL ICC ERS REPORTS FOR ITEMS NOTED.

- SUSPENDED CEILING SYSTEMS
- MECHANICAL SEISMIC RESTRAINTS
- FIRE PROTECTION PER 107.2.2
- FIRE ALARM SYSTEMS
- ELECTRICAL SEISMIC RESTRAINTS
- SPRINKLER MODIFICATIONS
- FIRE ALARM MODIFICATIONS
- ELECTRICAL PANELBOARDS AND MAIN BREAKERS PER NFPA 99-6.5.2.1.1.1. AND NEC 700.27.

GENERAL NOTES

1. IT IS THE CONTRACTORS RESPONSIBILITY TO REVIEW AND COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES AND SUPPLIERS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BEFORE COMMENCING CONSTRUCTION, AND TO ASSURE THAT ALL PARTIES ARE AWARE OF ALL REQUIREMENTS, REGARDLESS OF WHERE THE REQUIREMENTS OCCUR IN THE CONTRACT DOCUMENTS, WHICH MIGHT AFFECT THE WORK OF THAT PARTY.

2. AS PART OF THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES AND SUPPLIERS, THE CONTRACTOR SHALL ENDEAVOR TO IDENTIFY AND NOTIFY THE ARCHITECT OF ANY CONFLICTS BETWEEN THE WORK OF DIFFERENT PARTIES AT THE EARLIEST POSSIBLE DATE SO AS TO ALLOW REASONABLE AND ADEQUATE TIME FOR THE CONFLICT TO BE RESOLVED WITHOUT DELAYING THE WORK. ALL DEVIATIONS FROM THAT WHICH IS REQUIRED BY THE CONTRACT DOCUMENTS MUST BE APPROVED IN ADVANCE BY THE ARCHITECT.

3. THE ARCHITECTURAL DRAWINGS ESTABLISH AND COORDINATE THE FINISHED APPEARANCE AND EXACT LOCATION OF ALL EXPOSED ELEMENTS OF THE WORK OF ALL THE TRADES, INCLUDING THAT WORK WHICH IS ILLUSTRATED PRIMARILY ON DRAWINGS OF OTHER DISCIPLINES. QUANTITIES ARE TO BE PROVIDED AS SHOWN ON DRAWINGS OF OTHER DISCIPLINES BUT LOCATIONS SHOWN ON OTHER DRAWINGS ARE SCHEMATIC, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS. THE ARCHITECTURAL DRAWINGS TAKE PRECEDENCE FOR THE FINISHED APPEARANCE AND EXACT LOCATION OF ALL PARTS OF THE WORK.

4. EXCEPT WHERE DIRECTED TO PLACE ITEMS OF WORK AT THE APPROXIMATE LOCATION SHOWN; DO NOT SCALE DRAWINGS FOR DIMENSIONAL INFORMATION. ALL ELEMENTS OF THE DRAWINGS MAY NOT BE DRAWN TO EXACT SCALE. ALL DIMENSIONS REQUIRED ARE SHOWN OR MAY BE DERIVED FROM THOSE SHOWN ON THE FLOOR PLANS, DETAIL PLANS, ELEVATIONS, SECTIONS, DETAILS, SCHEDULES AND SPECIFICATIONS. IF DIMENSIONS ARE NOT PRESENT, THE ARCHITECT IS TO BE NOTIFIED SO THAT A CLARIFICATION CAN BE ISSUED.

5. CONTRACTOR TO FOLLOW CURRENT ANSI 117-1 STANDARDS AS REPRESENTED ON SHEET G301, GENERAL ACCESSIBILITY GUIDELINES. NOTIFY ARCHITECT IF THE DESIGN DRAWINGS CONFLICT WITH THIS SHEET.

VICINITY MAP

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CONSTRUCTION DOCUMENTS

GENERAL INFORMATION + INDEX

G001

11/6/2025 11:16:45 AM

BUILDING AREA 506. 508.

USE GROUP	AREA	ALLOWABLE AREA
GROUP B - BUSINESS	40,478 GSF	167,250 GSF
GROUP I-2 - CONDITION 2 - INSTITUTIONAL	59,575 GSF	67,650 GSF
GROUP U - UTILITY	2,821 GSF	90,250 GSF
TOTAL	102,874 GSF	325,150 GSF

CONSTRUCTION PHASES / SQ FT SEE A3/G102

TOTAL I-2 SQUARE FOOTAGE	56,914 GSF
I-2 REMODEL SQUARE FOOTAGE	1,072 GSF

DESIGN DATA

GOVERNING BUILDING CODES:
IBC 2021, to include Appendix J; ANSI 117-1 2009; NFPA 101 LIFE SAFETY 2021; IMC 2021; IPC 2021; IECC 2021, for commercial projects; IFGC 2021; NEC 2023

OCCUPANCY TYPE - CH.3
- **I-2 - INSTITUTIONAL - CONDITION 2 (308.4.1.2)**
- **B - BUSINESS (304)**
- **U - UTILITY (312)**

ACCESSORY AREAS: 508.2.3.
- **GROUP B:** FLOOR AREA 40,478 SF
  - DINING AREA: FLOOR AREA 3,461 SF
  - DINING AREA < GROUP B FLOOR AREA X 10% - (3,461 < 4,047.8 SF)
  - OCCUPANCY TYPE: ASSEMBLY GROUP A-2
- **GROUP I-2:** FLOOR AREA 59,575 SF
  - LOADING DOCK AREA : FLOOR AREA 3,807 SF
  - LOADING DOCK AREA < GROUP I-2 FLOOR AREA X 10% - (3,807 < 5,958 SF)
  - OCCUPANCY TYPPE: MODERATE-HAZARD STORAGE, GROUP S1

ALLOWABLE BUILDING HEIGHT: PER TABLE 504.3: **85** FEET FOR I-2, **85** FEET FOR B AND U
- EXCEPTION: TOWERS, SPIRES, STEEPLES AND OTHER ROOF STRUCTURES:
- THE STRUCTURES SHALL BE UNLIMITED IN HEIGHT WHERE OF NONCOMBUSTIBLE MATERIALS AND SHALL NOT EXTEND MORE THAN 20 FEET ABOVE THE ALLOWABLE BUILDING HEIGHT WHERE OF COMBUSTIBLE MATERIALS (SEE CHAPTER 15 FOR ADDITIONAL REQUIREMENTS).
- **ACTUAL HEIGHT - 19** FEET APPROX.

ALLOWABLE STORIES ABOVE GRADE PLANE: PER TABLE 504.4: **I-2: 3, B:6, U: 5**
- **ACTUAL STORIES - 01**

ALLOWABLE BUILDING AREA: PER TABLE 506.2:
- **I-2: 60,000** SQUARE FEET
- **B (CONSTRUCTION TYPE II-A) : 150,000** SQUARE FEET
- **B (CONSTRUCTION TYPE V-B) : 36,000** SQUARE FEET
- **U: 22,000** SQUARE FEET
- **I-2: ACTUAL REMODEL AREA - 12,344** SQUARE FEET
- **B: ACTUAL REMODEL/ADDITION AREA - 30,377** SQUARE FEET

Aa = Allowable area (square feet).
At = Tabular allowable area factor (NS, S1, or S13R value, as applicable) in accordance with Table 506.2.
NS = Tabular allowable area factor in accordance with Table 506.2 for nonsprinklered building (regardless of whether the building is sprinklered).
If = Area factor increase due to frontage (percent) as calculated in accordance with Section 506.3.
Sa = Actual number of building stories above grade plane, not to exceed three. For buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.2, use the actual number of building stories above grade plane, not to exceed four.
- **(B)** AREA MODIFICATIONS - 506.2.2 **Mixed-occupancy, one-story buildings - Construction Type II-A**
  Aa = At + (NS x If) (Equation 5-1) See 508.1 for mixed occupancy.
  Aa = **150,000** + (**37,500 x .35**) = **163,125** SQUARE FEET PER STORY
- **(B)** AREA MODIFICATIONS - 506.2.2 **Mixed-occupancy, one-story buildings - Construction Type V-B**
  Aa = At + (NS x If) (Equation 5-1) See 508.1 for mixed occupancy.
  Aa = **36,000** + (**9,000 x .26**) = **38,340** SQUARE FEET PER STORY
- **(I-2)** AREA MODIFICATIONS - 506.2.2 **Mixed-occupancy, one-story buildings**
  Aa = At + (NS x If) (Equation 5-1) See 508.1 for mixed occupancy.
  Aa = **60,000** + (**15,000 x .51**) = **67,650** SQUARE FEET PER STORY
- **(U)** AREA MODIFICATIONS - 506.2.2 **Mixed-occupancy, one-story buildings**
  Aa = At + (NS x If) (Equation 5-1) See 508.1 for mixed occupancy.
  Aa = **22,000** + (**5,500 x .75**) = **26,125** SQUARE FEET PER STORY

BUILDING AREA RATIO: 508.4.2.
- **I-2:** (Building area / Allowable building area) : 54,205 / 67,650 : 0.801 ≤ 1
- **B:** (Building area / Allowable building area) : 31,923 / 163,125 : 0.195 ≤ 1
  - OVERALL BUILDING AREA RATIO: 0.801 + 0.195 = 0.996 ≤ 1
- **B (Instacare):** (Building area / Allowable building area) - Separated : 5,121 / 38,340 : 0.133 ≤ 1
- **U:** (Building area / Allowable building area) - Separated : 2,821 / 90,250 : 0.03 ≤ 1

MIXED USE OCCUPANCY SEPARATIONS: PER SECTION 508
(SEE ALSO FIRE-RATED WALL PLANS)
- GROUP **I-2** TO GROUP **B** HAVE **2 HR** SEPARATION REQUIREMENT PER TABLE 508.4
- GROUP **I-2** TO GROUP **U** HAVE **2 HR** SEPARATION REQUIREMENT PER TABLE 508.4 (Two separate buildings)

INCIDENTAL USE AREAS: PER TABLE 509
- Furnace room where any piece of equipment is over 400,000 Btu per hour input
  - 1 hour **or** provide automatic sprinkler system
- Boiler Rooms where the largest piece of equipment is over 15 psi and 10 horsepower
  - 1 hour **or** provide automatic sprinkler system
- Paint shops, not classified as Group H, located in occupancies other than Group F
  - 2 hours; **or** 1 hour and provide automatic sprinkler system
- In Group E occupancies, laboratories and vocational shops not classified as Group H
  - 1 hour **or** provide automatic sprinkler system
- In Group I-2 or ambulatory care facilities, laboratories not classified as Group H
  - 1 hour **and** provide automatic sprinkler system
- Laundry rooms over 100 square feet
  - 1 hour **or** provide automatic sprinkler system
- In Group I-2, laundry rooms over 100 square feet
  - 1 hour
- In Group I-2, physical plant maintenance shops
  - 1 hour
- In ambulatory care facilities or Group I-2 occupancies, waste and linen collection rooms with containers that have an aggregate volume of 10 cubic feet or greater
  - 1 hour
- In other than ambulatory care facilities and Group I-2 occupancies, waste and linen collection rooms over 100 square feet
  - 1 hour **or** provide automatic sprinkler system
- In ambulatory care facilities or Group I-2 occupancies, storage rooms greater than 100 square feet
  - 1 hour

PROTECTION: PER SECTION 509.4.2
- Where Table 509 permits an automatic sprinkler system without a fire barrier, the incidental uses shall be separated from the remainder of the building by construction capable of resisting the passage of smoke.

CONSTRUCTION TYPE: PER SECTION 601:
- **EXISTING OCCUPANCY TYPE B:** CONSTRUCTION TYPE V-B
- **EXISTING OCCUPANCY TYPE U:** CONSTRUCTION TYPE V-B
- **EXISTING OCCUPANCY TYPE I-2:** CONSTRUCTION TYPE II-A
- **OCCUPANCY TYPE B:** CONSTRUCTION TYPE II-A
- **OCCUPANCY TYPE I-2:** CONSTRUCTION TYPE II-A

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS:
PER TABLE 601
- PRIMARY STRUCTURAL FRAME - **1** HOUR
- BEARING WALLS
  - EXTERIOR - **1** HOUR
  - INTERIOR - **1** HOUR
- NON-BEARING WALLS & PARTITION
  - INTERIOR - **0** HOUR
- FLOOR CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS - **1** HOUR
- ROOF CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS - **1** HOUR

FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE: (PER TABLE 602)
- EXISTING UTILITY BUILDING AND NEW CONSTRUCTION HOSPITAL EXTERIOR WALLS (NEW CONSTRUCTION I-2, II-A)(DISTANCE 22' - 8") - **0** HOUR - (PER NOTE "g" OF TABLE 602 AND TABLE 705.8, MAXIMUM EXTERIOR WALL OPENING IS NOT LIMITED --> FIRE RESISTANCE RATING **0** HOUR)
- EXISTING UTILITY BUILDING AND NEW CONSTRUCTION HOSPITAL EXTERIOR WALLS (EXISTING UTILITY BUILDING, V-B)(DISTANCE 11-0") - **0** HOUR - PER TABLE 602

FIRE RESISTANCE RATING REQUIREMENTS FOR FIRE WALL FIRE-RESISTANCE RATINGS: (PER TABLE 706.4)
- EXISTING INSTACARE - NEW CONSTRUCTION CLINIC (GROUP B) - **2** HOUR

MAXIMUM AREA OF EXTERIOR WALL OPENINGS BASED ON FIRE SEPARATION DISTANCE AND DEGREE OF OPENING PROTECTION: (PER TABLE 705.8)
- HOSPITAL SOUTH WALL (22' - 8" TO IMAGINARY PROPERTY LINE, UP, S) - **NO LIMITED**
- EXISTING UTILITY BUILDING (11' TO IMAGINARY PROPERTY LINE) - **45% - ACTUAL OPENING 4.2%**

MAXIMUM AREA OF OPENINGS THROUGH FIRE WALL: (PER 706.8)
- CLINIC EAST WALL (BETWEEN EXISTING INSTACARE) - **25 %**

AUTOMATIC SPRINKLER SYSTEM: PER SECTION 903 - **YES**

DESIGN OCCUPANCY LOAD: PER SECTION 1004
- I-2 MAIN LEVEL REMODEL AREA - **64** OCCUPANTS
- B MAIN LEVEL AREA - CLINIC - 30,377 GROSS SF - **304** OCCUPANTS
- B MAIN LEVEL AREA - (ACCESSORY) (DINNING) - 986 NET SF - **66** OCCUPANTS
- B MAIN LEVEL AREA - OVERALL - **370** OCCUPANTS

EGRESS WIDTH FOR OCCUPANCY SERVED: PER 1005
- OTHER EGRESS: 0.2 IN / OCC. **OR** 0.15 IN / OCC. IF AUTOMATIC PER 903.3.1.1 OR 903.3.1.2 **AND** EMERGENCY VOICE/ALARM PER 907.5.2.2
- I-2 MAIN LEVEL: **64** OCCS. x 0.2 = **12.8"** REQUIRED (DOORS, CORRIDOR, ETC) PROVIDED: **96"** (NOT INCL. MECH. RM. EXIT DOORS)
- I-2 MAIN LEVEL: **64** OCCS. x 0.2 = **12.8"** REQUIRED (DOORS, CORRIDOR, ETC) PROVIDED: **96"** (NOT INCL. MECH. RM. EXIT DOORS)
- B MAIN LEVEL: **370** OCCS. x 0.2 = **74"** REQUIRED (DOORS, CORRIDOR, ETC) PROVIDED: **286.5"** (NOT INCL. MECH. RM. EXIT DOORS)

EXIT ACCESS - CH. 10
COMMON PATH OF EGRESS TRAVEL: PER TABLE 1006.2.1
- (Measured from the most remote point within a story to that point where the occupants have separate access to two exits or exit access doorways) **75** FEET
- **1006.2.1** Where the design occupant load or the common path of egress travel distance exceeds the values listed in Table 1006.2.1

2 EXITS REQUIRED - PER 1006.3.1
- WHERE THE OCCUPANCY LOAD TOTALS MORE THAN 50
- WHERE THE OCCUPANCY LOAD TOTALS MORE THAN 10 (OCCUPANCY I-2)
- PLACE FAR ENOUGH APART - NOT LESS THAT 1/2 MAXIMUM DIAGONAL DIMENSION OF AREA SERVED (MEASURED STRAIGHT LINE BETWEEN EXITS)

THROUGH INTERVENING SPACES PER 1016.2
- PERMITTED WHERE ADJOINING ROOMS OR AREAS ACCESSORY TO THE AREAS SERVED, IS NOT HIGH HAZARD OCCUPANCY, AND PROVIDE A DISCERNIBLE PATH OF EGRESS TRAVEL TO AN EXIT.

TRAVEL DISTANCE: PER TABLE 1017.2
- WITHOUT SPRINKLER SYSTEM - B: 200, I-2: NOT PERMITTED MAXIMUM LENGTH OF EXIT ACCESS TRAVEL DISTANCE
- WITH SPRINKLER SYSTEM - B: **300'** I-2: 200' MAXIMUM LENGTH OF EXIT ACCESS TRAVEL
- SEE MEASUREMENT 1017.3 (INCLUDES COMMON PATH DISTANCE)

CORRIDOR FIRE RESISTANCE RATING: PER TABLE 1020.1
- WITHOUT SPRINKLER SYSTEM - 1 HOUR FIRE RATED CONSTRUCTION WITH AN OCCUPANT LOAD OF ≥ 30
- WITH SPRINKLER SYSTEM - B: **0** HOUR FIRE RATED CONSTRUCTION
- WITH SPRINKLER SYSTEM - I-2: **0** HOUR FIRE RATED CONSTRUCTION

MINIMUM CORRIDOR WIDTH: PER TABLE 1020.2 IN INCHES
- 44 UNLESS NOTED OTHERWISE
- 36 WITH AN OCCUPANT LOAD OF LESS THAN 50
- 72 AMBULATORY CARE AND AREAS SERVING STRETCHERS
- 72 GROUP E WITH OCCUPANT LOAD OF 100 OR MORE

DEAD ENDS: PER 1020.4
- MUST BE LESS THAN 20' WHERE MORE THAN ONE EXIT IS REQUIRED;
- OR 50' IN SPRINKLERED BUILDING (EXCEPTION 2)
- OR THE LENGTH IS 2.5 TIMES THE WIDTH (EXCEPTION 3)

INTERIOR WALL & CEILING FINISH REQUIREMENTS: PER TABLE 803.11
- IN SPRINKLERED BUILDING :
- EXIT ENCLOSURES AND EXIT PASSAGEWAYS - CLASS B
- CORRIDORS AND OTHER EXIT WAYS - CLASS C
- ROOMS AND ENCLOSED SPACES - CLASS C

INTERIOR FLOORS FINISH: PER 804
- IN SPRINKLERED BUILDING - CLASS I & II

FIRE RATING LEGEND

- SMOKE PARTITION - WALL CONSTRUCTION
- 1 HOUR FIRE BARRIER - WALL CONSTRUCTION
- 2 HOUR FIRE BARRIER - WALL CONSTRUCTION
- PATH OF TRAVEL TO EXIT
- COMMON PATH OF TRAVEL TO EXIT
- NON RATED WALL

PROJECT NORTH / TRUE NORTH

A2 PLAN - LEVEL 01 - CODE + LIFE SAFETY PLAN

SCALE: 1/16" = 1'-0"

A4 BUILDING SEPARATION

SCALE: 1" = 50'-0"

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SALT LAKE CITY, UT 84102
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ST. GEORGE
20 N. MAIN ST. #103
ST. GEORGE, UT 84770
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VCBO NUMBER: 25260.00
CLIENT NUMBER: XXXXX

STATE OF UTAH — JEFFERY PINEGAR #194371 — 11/19/25 — LICENSED ARCHITECT

REV	DATE	DESCRIPTION

INTERMOUNTAIN HEBER VALLEY HOSPITAL

454 EAST MEDICAL WAY, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

CODE + LIFE SAFETY

G101

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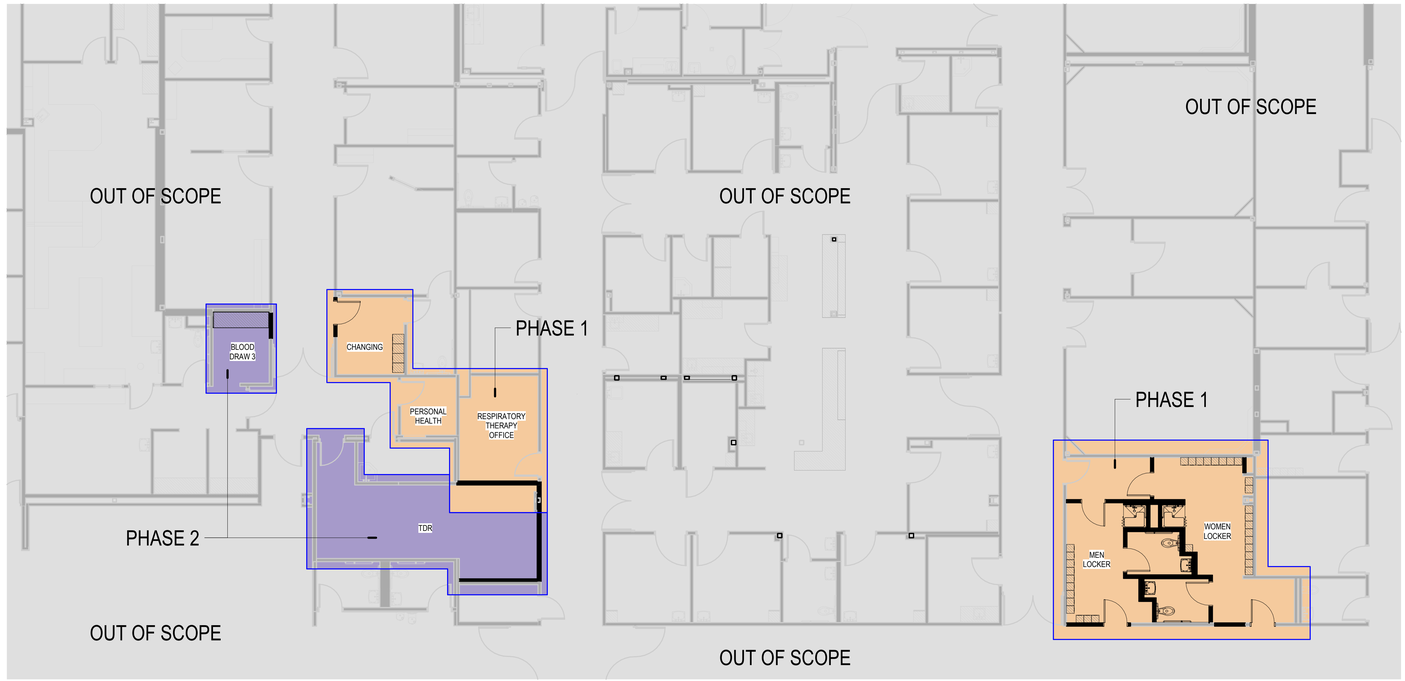

C6 PLAN - PHASING PLAN

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

A3 PLAN - OVERALL SCOPE PLAN

SCALE: 1" = 30'-0"

PROJECT NORTH

TRUE NORTH

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VCBO NUMBER: 25260.00
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STATE OF UTAH
JEFFERY PINEGAR
#124371
11/19/25
LICENSED ARCHITECT

REV DATE DESCRIPTION

INTERMOUNTAIN HEBER VALLEY HOSPITAL

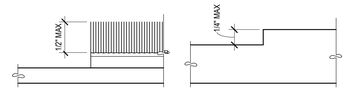
454 EAST MEDICAL WAY, HEBER CITY, UT 84032

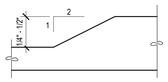
CONSTRUCTION DOCUMENTS

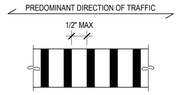
PROJECT SCOPE PLAN + PHASING PLAN

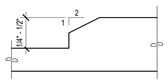
G130

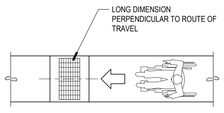
11/6/2025 12:24:42 PM



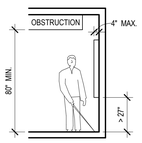




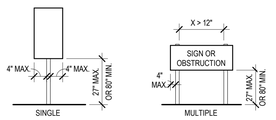




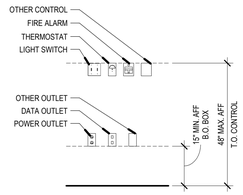
303. CHANGES IN LEVEL



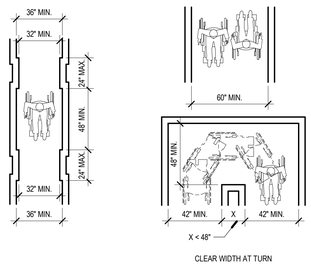
307.3 POST-MOUNTED OBJECTS. OBJECTS ON POSTS OR PYLONS SHALL BE PERMITTED TO OVERHANG 4 INCHES MAXIMUM WHERE MORE THAN 27 INCHES AND NOT MORE THAN 80 INCHES ABOVE THE FLOOR. OBJECTS ON MULTIPLE POSTS OR PYLONS WHERE THE CLEAR DISTANCE BETWEEN THE POSTS OR PYLONS IS GREATER THAN 12 INCHES SHALL HAVE THE LOWEST EDGE OF SUCH OBJECT EITHER 27 INCHES MAXIMUM OR 80 INCHES MIN ABOVE THE FLOOR.



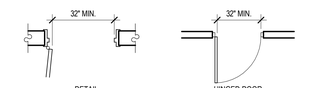
307. PROTRUDING OBJECTS

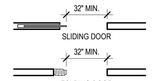


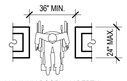
308. REACH RANGES



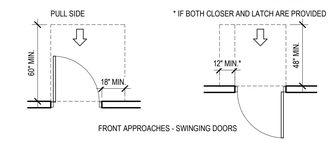
403. ACCESSIBLE ROUTES

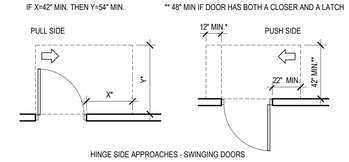


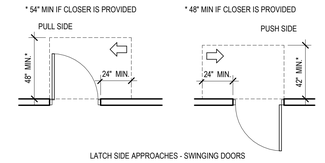


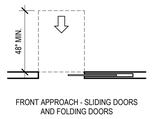


CLEAR DOORWAY WIDTH AND DEPTH

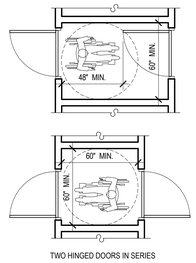


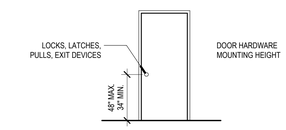




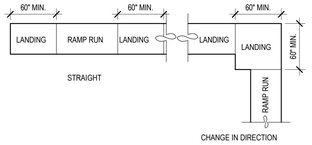


NOTE: ALL DOORS IN ALCOVES SHALL COMPLY W/ THE CLEARANCES FOR FRONT APPROACHES

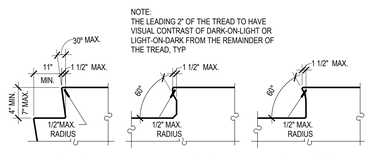




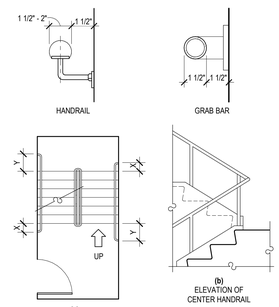
404. DOORS AND DOORWAYS

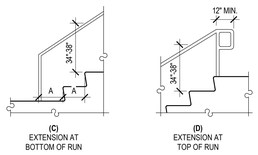


405. RAMP LANDINGS



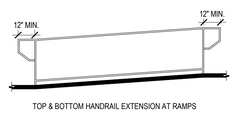
504.5. STAIR NOSINGS





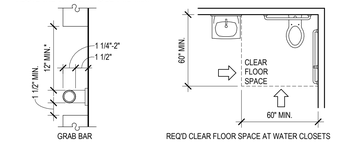
NOTE: X IS THE 12" MINIMUM HANDRAIL EXTENSION REQ'D AT EACH TOP RISER IN THE DIRECTION OF TRAVEL

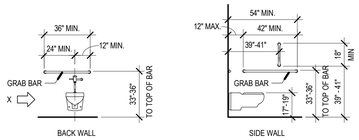
AT THE BOTTOM OF A STAIR FLIGHT THE HANDRAIL SHALL EXTEND AT THE SLOPE OF THE STAIR FLIGHT FOR ONE HORIZONTAL TREAD DEPTH BEYOND THE TREAD NOSING (A).

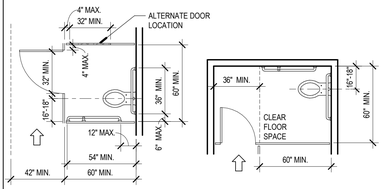


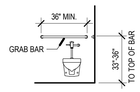
505. HANDRAILS

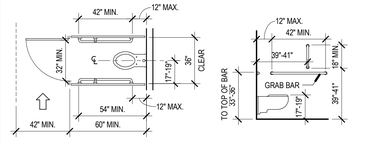
* THE SPACE BETWEEN THE GRAB BARS AND SHOWER CONTROLS, SHOWER FITTINGS, AND OTHER GRAB BARS ABOVE THE GRAB BAR TO BE 1 1/2" MIN.





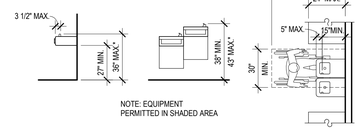


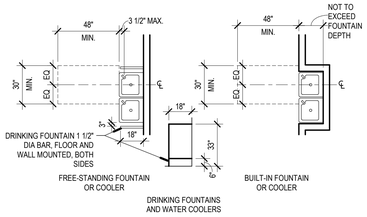




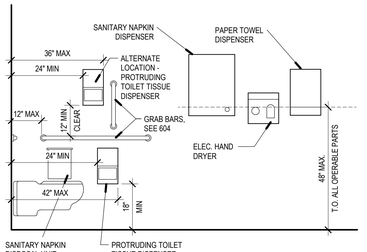
604. TOILETS AND TOILET COMPARTMENTS

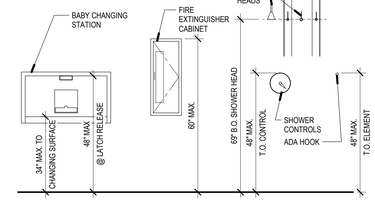
* MAX. HEIGHT IS 36" FOR WHEEL-CHAIR ACCESSIBLE DRINKING FOUNTAIN. HEIGHT FOR STANDING PERSONS DRINKING FOUNTAIN IS 38" MIN. AND 43" MAX. MAX. HEIGHT FOR DRINKING FOUNTAINS PRIMARILY USED BY CHILDREN IS 30" .



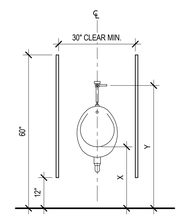


602. DRINKING FOUNTAINS

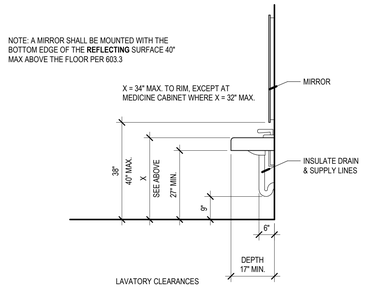


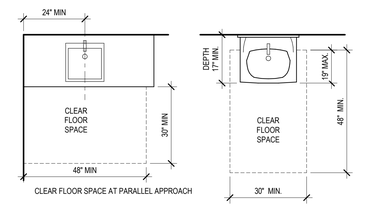


604.7 ACCESSORIES AND EQUIPMENT



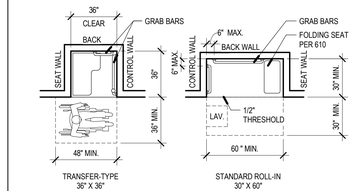
605. URINALS



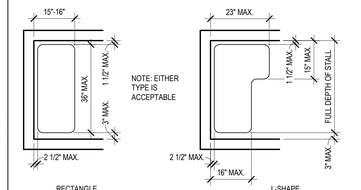


NOTE:
WHERE ENHANCED REACH RANGE IS REQ'D AT LAVATORIES, FAUCETS AND SOAP DISPENSER CONTROLS TO HAVE A REACH DEPTH OF 11" MAX. OR IF AUTOMATIC TO BE ACTIVATED WITH IN A REACH OF 11" MAX. WATER AND SOAP FLOW TO BE PROVIDED W/ A REACH DEPTH OF 11" MAX.

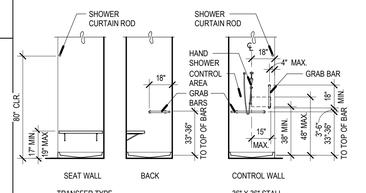
606. LAVAATORIES AND SINKS

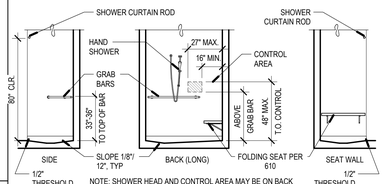


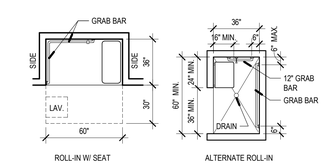
SHOWER COMPARTMENT



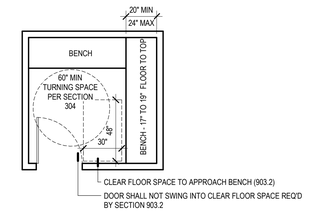
SHOWER SEAT DESIGN







608. SHOWER COMPARTMENTS



612. SAUNA AND STEAM ROOMS

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SALT LAKE CITY, UT 84102
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435.522.7070

VCBO.COM

VCBO NUMBER: 25260.00
CLIENT NUMBER: XXXXX

STATE OF UTAH
JEFFERY PINEGAR
#124371
11/19/25
LICENSED ARCHITECT

REV	DATE	DESCRIPTION

INTERMOUNTAIN HEBER VALLEY HOSPITAL

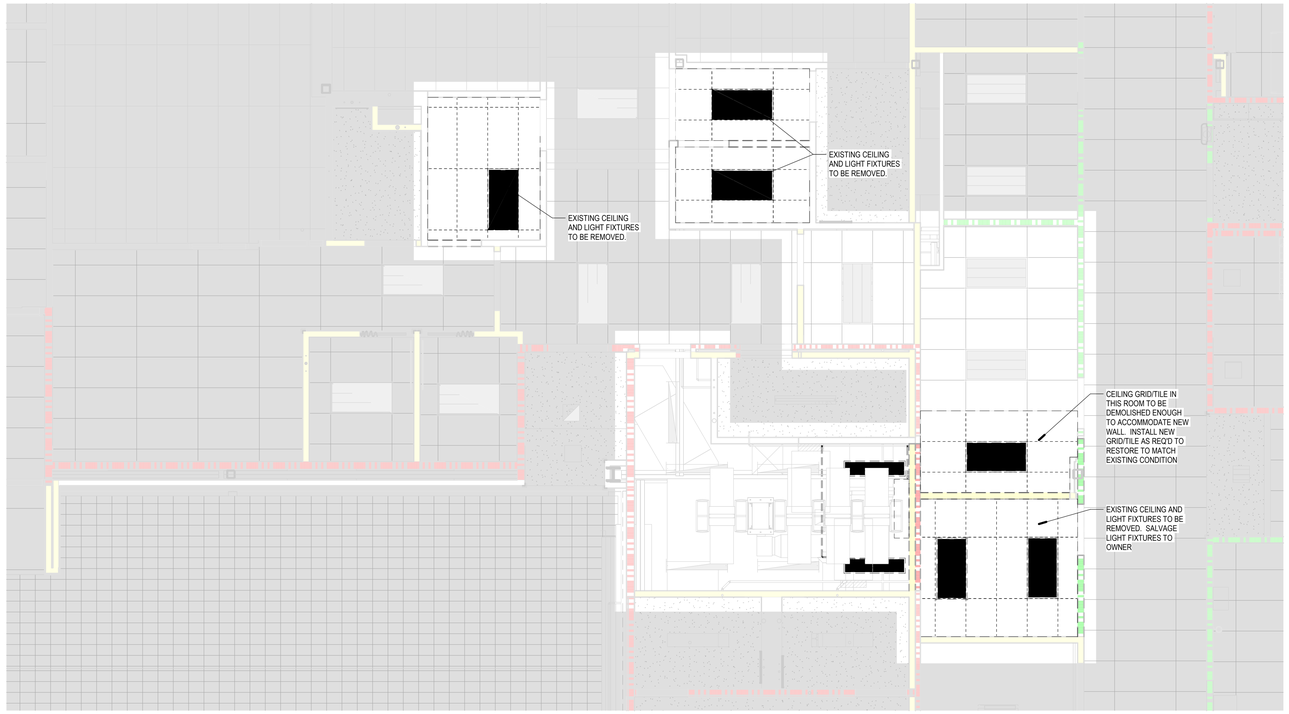
454 EAST MEDICAL WAY, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

TYP ANSI ACCESSIBILITY STANDARDS

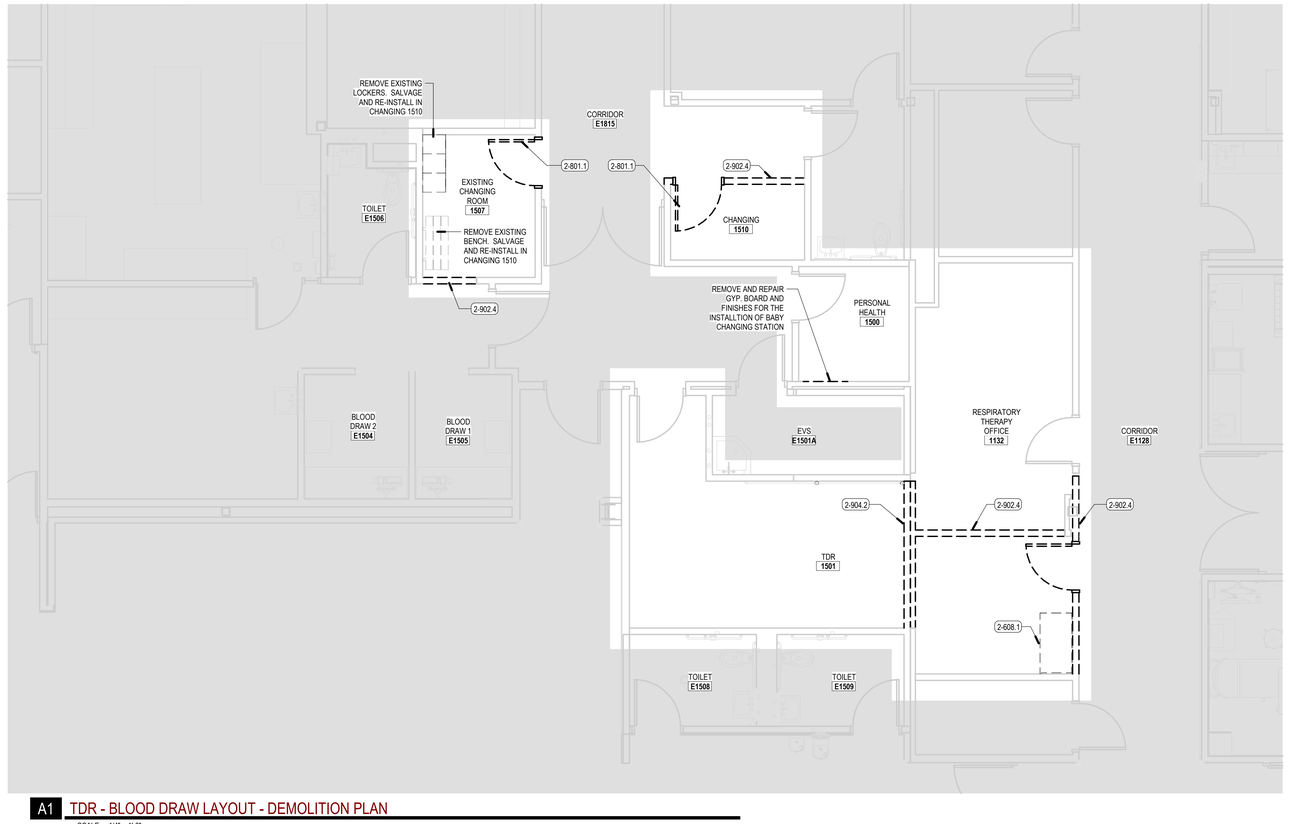
G301

11/6/2025 11:16:53 AM



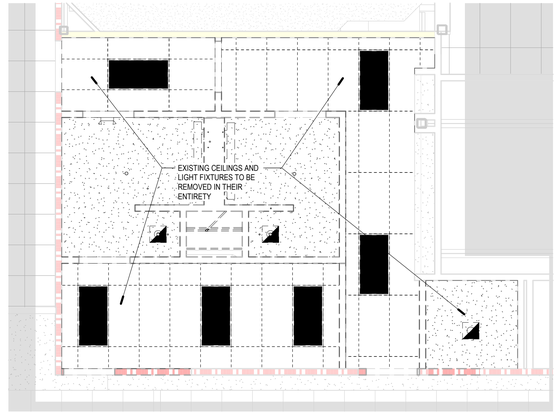
C1 TDR - BLOOD DRAW LAYOUT - CEILING DEMOLITION PLAN

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



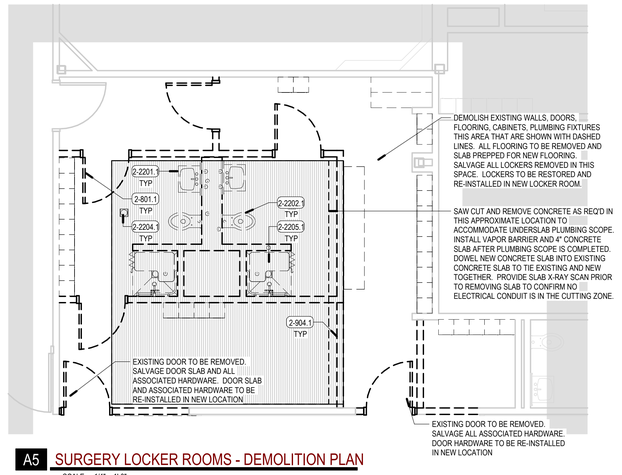
A1 TDR - BLOOD DRAW LAYOUT - DEMOLITION PLAN

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



C5 SURGERY LOCKER ROOMS - CEILING DEMOLITION PLAN

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



A5 SURGERY LOCKER ROOMS - DEMOLITION PLAN

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

KEYED NOTES

2-608.1	EXISTING CABINET, REMOVE & DISPOSE IN ITS ENTIRETY
2-801.1	EXISTING DOOR AND FRAME, REMOVE & DISPOSE IN ITS ENTIRETY
2-902.4	EXISTING 3-5/8" METAL STUD FRAMING, REMOVE & DISPOSE IN ITS ENTIRETY
2-904.1	EXISTING GYPSUM BOARD, REMOVE & DISPOSE IN ITS ENTIRETY
2-904.2	EXISTING GYPSUM BOARD, REMOVE & DISPOSE AS SHOWN
2-2201.1	EXISTING SINK + FAUCET, REMOVE & DISPOSE IN ITS ENTIRETY
2-2202.1	EXISTING WATER CLOSET, REMOVE & DISPOSE IN ITS ENTIRETY
2-2204.1	EXISTING DRAIN, FLOOR, REMOVE & DISPOSE IN ITS ENTIRETY
2-2205.1	EXISTING SHOWER STALL, REMOVE & DISPOSE IN ITS ENTIRETY

DEMOLITION LEGEND

- CONSTRUCTION TO REMAIN
- CONSTRUCTION TO BE REMOVED - RE: NOTE 7 OF "DEMOLITION GENERAL NOTES"
- FLOOR SLAB TO BE REMOVED WITHIN AREA INDICATED
- AREA OUT OF ARCHITECTURAL SCOPE BUT REFER TO MEP AND STRUCTURAL DEMOLITION DOCUMENTS FOR ADDITIONAL WORK IF REQUIRED

GENERAL DEMOLITION NOTES

1. FIELD VERIFY DIMENSIONS AND CONDITIONS INCLUDING EXISTING UTILITIES PRIOR TO BIDDING. BRING DIFFERING DIMENSIONS AND CONDITIONS TO ARCHITECT'S ATTENTION PRIOR TO BIDDING.
2. CONTRACTOR TO COORDINATE INTERIM LIFE SAFETY MEASURES, INCLUDING MAINTENANCE OF FIRE EGRESS FOR OCCUPANTS IN EXISTING BUILDING WITH THE OWNER AND FIRE MARSHAL. PROVIDE NECESSARY TEMPORARY WALLS OR ENCLOSURES, EMERGENCY LIGHTS, ETC., FOR THE DURATION OF CONSTRUCTION.
3. CONSTRUCT TEMPORARY PARTITIONS AS REQUIRED BY PHASING TO MINIMIZE THE SPREAD OF DUST AND NOISE.
4. THESE DRAWINGS HAVE BEEN DEVELOPED FROM EXISTING DRAWINGS WHICH MAY NOT REFLECT ACTUAL FIELD CONDITIONS. VERIFY THESE DRAWINGS WITH EXISTING FIELD CONDITIONS AND NOTIFY THE ARCHITECT IMMEDIATELY OF INCONSISTENCIES BETWEEN THEM AND ACTUAL CONDITIONS BEFORE PROCEEDING WITH CONSTRUCTION.
5. MAINTAIN EXISTING FIRE RATINGS, AND ASSOCIATED FIRE PROTECTION SYSTEMS (I.E. FIRE SPRINKLERS AND FIRE ALARM SYSTEMS) THROUGHOUT CONSTRUCTION. COORDINATE ANY INTERRUPTION TO THESE SYSTEMS WITH THE OWNER AND FIRE MARSHAL. PROVIDE FIRE WATCH REQUIREMENTS ASSOCIATED WITH INTERRUPTIONS TO THESE SYSTEMS. REPAIR ANY DAMAGED FIRE-RATED ASSEMBLIES TO THEIR ORIGINAL SPECIFICATION, UNO.
6. REMOVE CONSTRUCTION AS INDICATED. TYPICAL WALL REMOVAL INCLUDES FINISHES AND MECHANICAL PLUMBING AND ELECTRICAL SYSTEMS CONTAINED THEREIN. REMOVE DOORS, CASEWORK, WINDOWS, FRAMES, AND OTHER FIXTURES AS REQUIRED. AFTER REMOVAL OF PIPE CHASES, PATCH HOLES IN FLOORS OR WALLS TO REMAIN TO MEET ORIGINAL FIRE PROTECTION AND STRUCTURAL REQUIREMENTS. PATCH ADJOINING WALLS, FLOORS AND DECK, AND PREPARE SURFACES TO RECEIVE NEW FINISHES PER FINISH SCHEDULE OR PER INTERIOR FINISH PLANS.
7. CAP EXISTING DUCT WORK THAT IS TO REMAIN FOR DUST CONTROL.
8. COORDINATE WITH THE OWNER ANY ITEMS TO BE STORED AND/OR RELOCATED.
9. SEE MECHANICAL, PLUMBING, AND/OR ELECTRICAL DRAWINGS FOR DEMOLITION OF UTILITIES.
10. VERIFY THAT CONSTRUCTION OF WALLS WITHIN THE AREA OF RENOVATION (OR FIRE RATED WALLS OR SMOKE COMPARTMENT) MEETS THE FIRE PROTECTION RATINGS DESIGNATED ON THE LIFE SAFETY PLANS. MAKE ANY REPAIRS OR MODIFICATIONS NECESSARY TO BRING WALLS, DOORS, DUCTS, ETC. UP TO THE PROPER FIRE PROTECTION RATING. DOORS AND/OR FRAMES SHALL HAVE THE PROPER LABELING.
11. DEMOLITION WORK SHALL BE EXECUTED IN CONFORMANCE WITH ALL CODES AND AS SET FORTH BY ALL GOVERNING AUTHORITIES.
12. BRACE ALL STRUCTURES OR STRUCTURAL ELEMENTS AS NECESSARY DURING DEMOLITION.
13. DO NOT CUT ANY STRUCTURAL WORK WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER.
14. THE BUILDING ENVELOPE SHALL BE MAINTAINED IN A WATER TIGHT CONDITION AT ALL TIMES.
15. AFTER DEMOLITION, PRIOR TO FINISH, PATCH AND REPAIR EXISTING WALLS TO PROVIDE SMOOTH SURFACE SUITABLE FOR PAINTING OR WALL COVERING.
16. PATCH & LEVEL EXISTING CONCRETE SLABS FOR NEW FINISHES WITH FLOOR LEVELING COMPOUND.
17. FIELD VERIFY AND COORDINATE SAW CUTTING OF THE CONCRETE FLOOR SLAB WITH PLUMBING AND ELECTRICAL.
18. REPLACE SLAB AND TRENCH BY COMPACTING CLEAN GRAVEL IN 8 INCH LIFTS. DRILL AND EPOXY #4 REBAR DOWELS INTO EXISTING SLAB @ 12" O.C. EPOXY PER DETAIL D4/SB602. POUR SLAB TO PROVIDE A SMOOTH EVEN FLOOR.
19. REPLACE OR REPAIR ANY TO REMAIN FINISHES WHICH ARE DAMAGED DURING DEMOLITION (I.E. - CEILING GRID, CEILING TILE, WALL COVERING, FLOOR COVERINGS, ETC.)
20. NOTIFY THE ARCHITECT IMMEDIATELY IF THE REMOVAL OF MECHANICAL, ELECTRICAL, PLUMBING SYSTEMS OR COMPONENTS WILL ADVERSELY AFFECT THE OPERATION OF MEP SYSTEMS OUTSIDE THE LIMIT OF DEMOLITION.
21. SCHEDULE ALL DEMOLITION WITH THE OWNER.

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VCBO NUMBER: 25260.00
CLIENT NUMBER: XXXXX

STATE OF UTAH
JEFFERY PINEGAR
#124371
11/19/25
LICENSED ARCHITECT

REV	DATE	DESCRIPTION

INTERMOUNTAIN HEBER VALLEY HOSPITAL

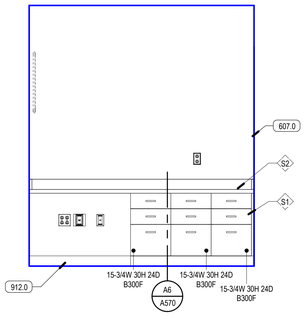
454 EAST MEDICAL WAY, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

TDR - BLOOD DRAW - CHANGING - PERSONAL HEALTH - LOCKERS DEMOLITION PLANS

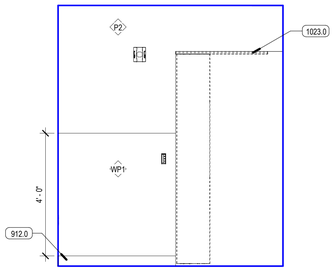
AD130

11/6/2025 11:16:58 AM



E1 BLOOD DRAW 3 - TOP

SCALE: 1/2" = 1'-0"



E2 BLOOD DRAW 3 - BOTTOM

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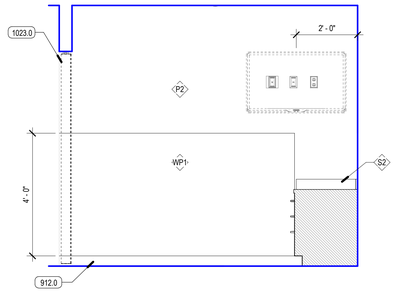
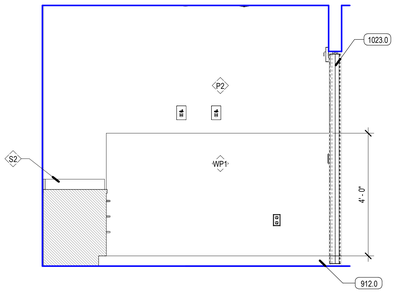


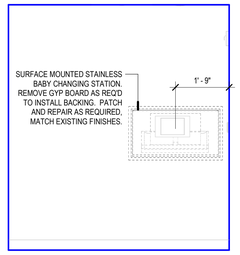
E3 BLOOD DRAW 3 - LEFT

SCALE: 1/2" = 1'-0"



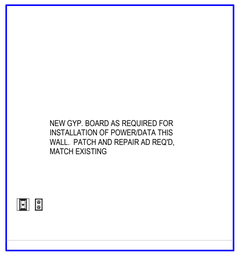
E4 BLOOD DRAW 3 - RIGHT

SCALE: 1/2" = 1'-0"



E5 PERSONAL HEALTH - BOTTOM

SCALE: 1/2" = 1'-0"

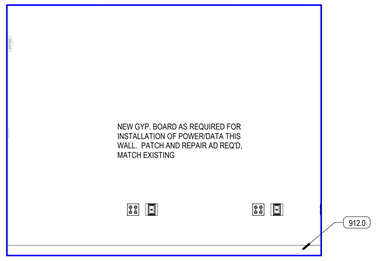


D1 PERSONAL HEALTH - RIGHT

SCALE: 1/2" = 1'-0"

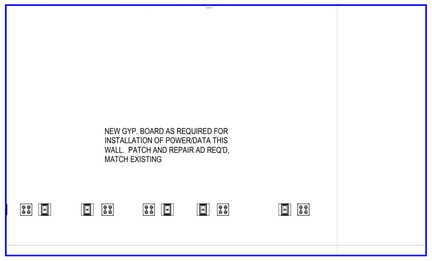
D2 RT ELEVATION - TOP

SCALE: 1/2" = 1'-0"



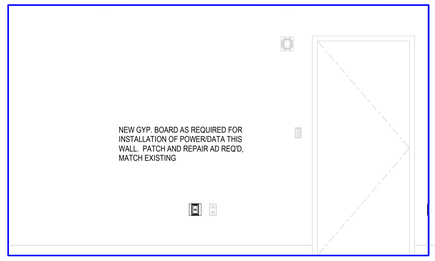
D3 RT ELEVATION - BOTTOM

SCALE: 1/2" = 1'-0"



D4 RT ELEVATION - LEFT

SCALE: 1/2" = 1'-0"



D6 RT ELEVATION - RIGHT

SCALE: 1/2" = 1'-0"

KEYED NOTES

607.0	MILLWORK, FILLER PANEL
912.0	SCHEDULED BASE
1023.0	PRIVACY CURTAIN

PLAN NOTES

1. WHERE FLOOR DRAINS ARE INSTALLED THE FLOOR IS TO SLOPE TO THE DRAIN. THE MAXIMUM SLOPE IS NOT TO EXCEED 2% WHILE THE MINIMUM SLOPE IS NOT TO BE LESS THAN 1%.
2. SEE SHEET **A400** FOR TYPICAL FLOORING TRANSITION DETAILS.

PLAN LEGEND

AREA OUT OF ARCHITECTURAL SCOPE BUT REFER TO MEP AND STRUCTURAL DEMOLITION DOCUMENTS FOR ADDITIONAL WORK IF REQUIRED

DIMENSION NOTES

1. ALL DIMENSIONS ARE TO CENTER OF STUD WALL OR FACE OF CONCRETE, MASONRY OR ROUGH OPENING UNLESS NOTED OTHERWISE. WHERE THE END OF A WALL IS INDICATED THE DIMENSION IS TO THE FINISH SURFACE OF THE WALL END.
2. UNLESS DIMENSIONED OTHERWISE, THE DIMENSION FROM THE BUCK OF A DOOR FRAME IS TO BE 4" TO THE WALL CORNER.
3. EXCEPT WHERE DIRECTED TO PLACE ITEMS OF WORK AT THE APPROXIMATE LOCATION SHOWN, DO NOT SCALE DRAWINGS FOR DIMENSIONAL INFORMATION. ALL ELEMENTS OF THE DRAWINGS MAY NOT BE DRAWN TO EXACT SCALE. ALL DIMENSIONS REQUIRED ARE SHOWN OR MAY BE DERIVED FROM THOSE SHOWN ON THE FLOOR PLANS, DETAIL PLANS, ELEVATIONS, SECTIONS, DETAILS, SCHEDULES AND SPECIFICATIONS. IF DIMENSIONS ARE NOT PRESENT, THE ARCHITECT IS TO BE NOTIFIED SO THAT A CLARIFICATION CAN BE ISSUED
4. REFER TO SHEET A500 FOR TYPICAL INTERIOR WALL TYP INFORMATION.
5. UNLESS NOTED, INTERIOR WALLS ARE 9A3 TYP.

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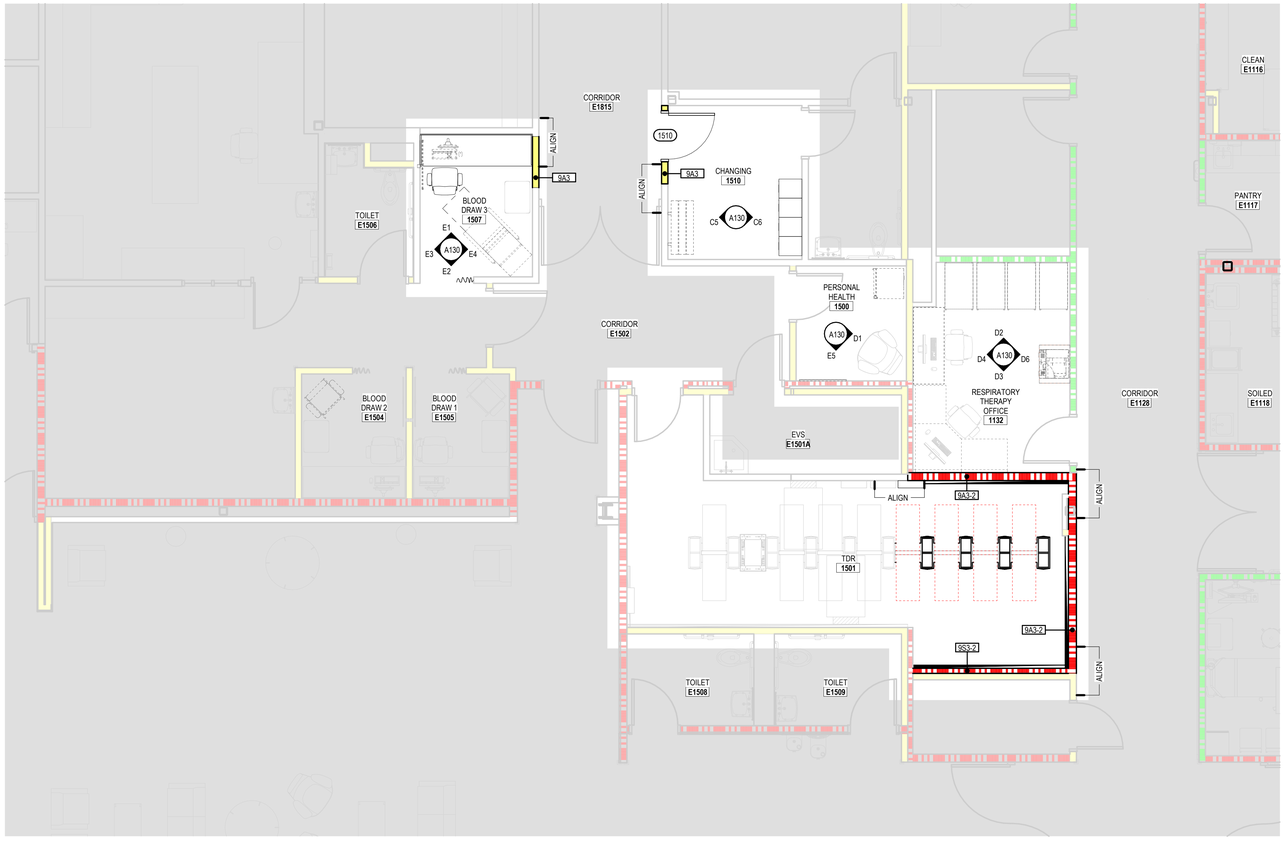
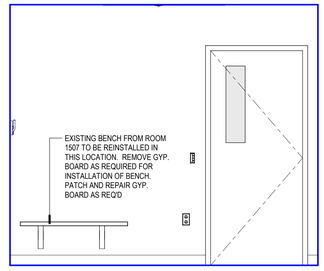


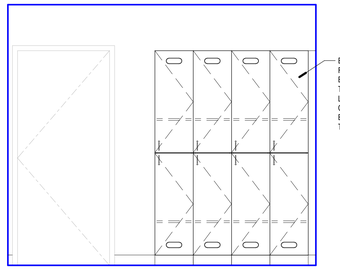
A1 TDR - BLOOD DRAW LAYOUT

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



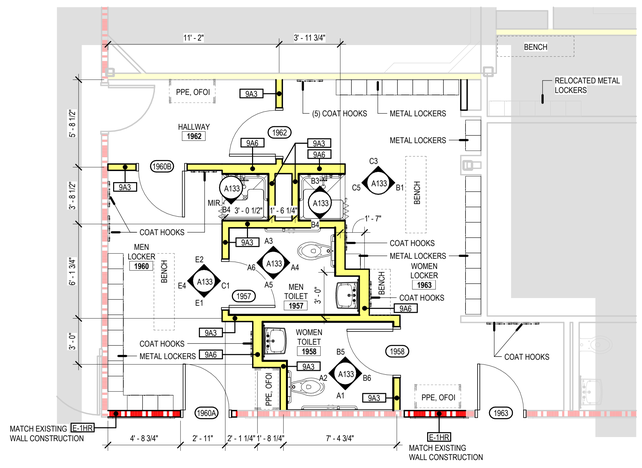
C5 CHANGING - LEFT

SCALE: 1/2" = 1'-0"



C6 CHANGING - RIGHT

SCALE: 1/2" = 1'-0"



A5 SURGERY LOCKER ROOMS

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

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CONSTRUCTION DOCUMENTS

TDR - BLOOD DRAW - CHANGING - PERSONAL HEALTH - LOCKER ROOMS FLOOR PLANS

A130

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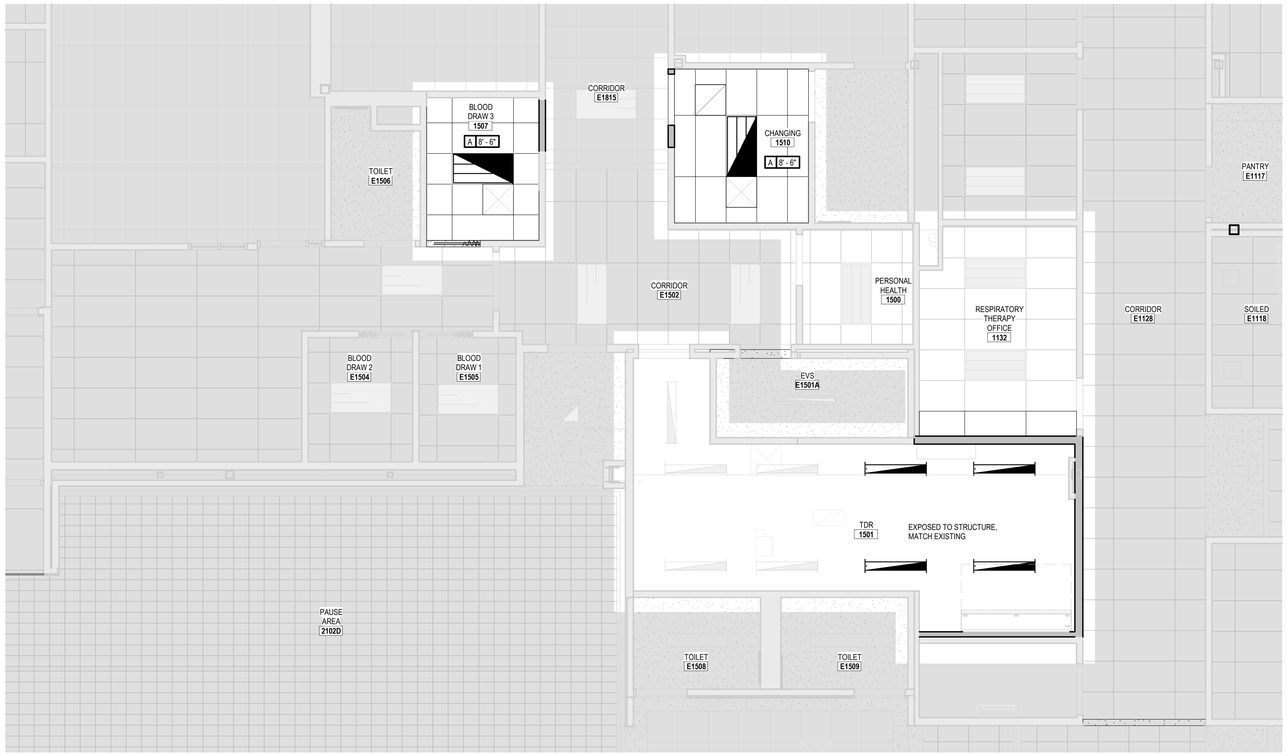
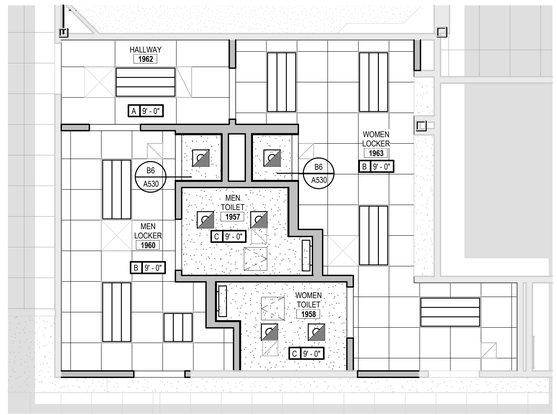


C1 TDR - BLOOD DRAW LAYOUT - CEILING PLAN

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



C5 SURGERY LOCKER ROOMS - CEILING PLAN

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

FINISH PLAN SYMBOLS

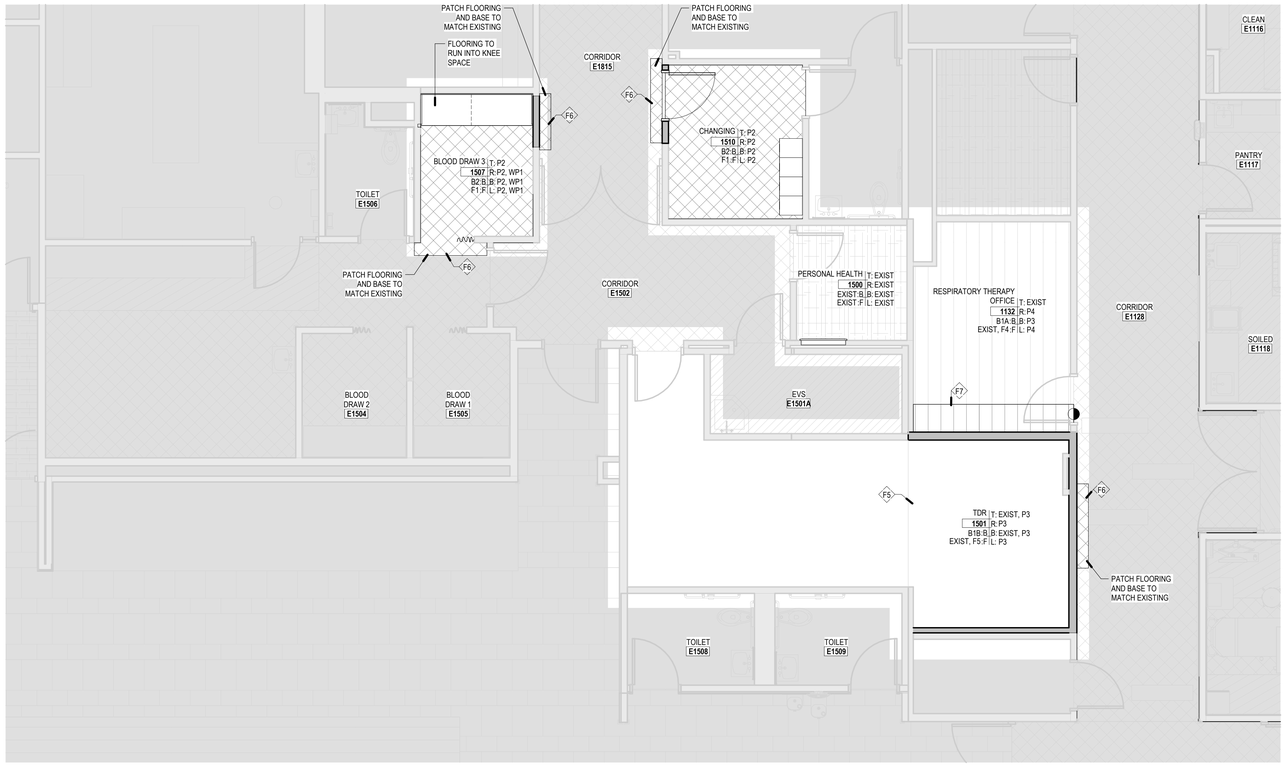
- F — SINGLE FINISH SYMBOLS INDICATE WHERE FINISHES ARE DIFFERENT FROM GENERAL ROOM FINISHES, OR PROVIDE ADDITIONAL FINISH INFORMATION
- CHANGE AT FLOOR MATERIAL
- XXXX — SIGNAGE TAG- SEE SIGNAGE SHEETS FOR DETAILS

GENERAL FINISH NOTES

1. PROVIDE EPOXY PAINT AT ALL RESTROOMS, SHOWERS, LOCKER ROOMS AND JANITOR CLOSETS.
2. ALL FLOOR TRANSITIONS TO BE LOCATED AT CENTER OF DOOR, U.N.O. ALL FLOOR TRANSITIONS AT FLOOR TILE LOCATIONS TO BE LOCATED AT INSIDE CORNER OF DOOR.
3. ALL PAINTED STEEL BRACING AND COLUMNS TO BE PAINTED, UNLESS NOTED OTHERWISE.
4. ALL GROUT JOINTS TO BE NO LARGER THAN 1/8".
5. FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.
6. COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.
7. SEE ELEVATION SHEETS FOR ALL WALL TILE PATTERNS.
8. AT SOFFITS RECEIVING COLOR- PAINT ALL SIDES OF SOFFIT.
9. ALL WOOD TRIM TO BE STAINED TO MATCH DOOR STAIN.
10. ALL COUNTERTOP, BACKSPLASHES, AND EDGE BANDING TO HAVE COORDINATING FINISHES.
11. PROVIDE FLOOR FINISH 'RT': RUBBER STAIR TREAD' AT STAIR TREADS AND LANDING.
12. PROVIDE A SMOOTH TRANSITION AT ALL FLOOR MATERIALS - CONTRACTOR TO INSTALL ALL FLOOR FINISHES AT SAME LEVEL, DESPITE DIFFERENT THICKNESS. PROVIDE FLOOR TRANSITION WHERE OCCURS.
13. PROVIDE TILE 'T3: 4"X4" CERAMIC WALL TILE' AT ALL JANITOR SINKS. PROVIDE TILE BULLNOSE TO FINISH OFF ALL EXPOSED EDGES.
14. ALL WALLS RECEIVING TILE WAINSCOT TO RECEIVE PAINT P1 ABOVE, U.N.O. SEE FINISH PLANS FOR ACCENT WALL LOCATIONS.
15. PROVIDE 'CG: CORNER GUARD' AT ALL LOCATIONS WHERE TILE WAINSCOT WRAPS GYP. BD. CORNERS. CAP ALL TILE WAINSCOT WITH SCHLUTER STRIP (SL).
16. SEE SHEET **A581** FOR FLOORING TRANSITION DETAILS.
17. ALL METAL GUARDRAILS AND STAIR STRINGERS TO BE PAINTED SEE DOOR AND WINDOW SHEET FOR H.M. DOOR AND FRAME PAINT COLORS.
18. ALL EXPOSED CEILINGS TO BE PAINTED. REFER TO REFLECTED CEILING PLANS.
19. AT ALL TILE WAINSCOT, SCRIBE BOTTOM TILE TO MATCH FINISH FLOOR SURFACE AND CAULK WITH BASE.
20. ALL TILE TO BE CENTERED AT EACH LOCATION.
21. ALIGN ALL WALL PROTECTION WITH BACKSPLASH WHEN PRESENT OTHERWISE ALL WALL PROTECTION TO BE 4'-0" OR UNLESS NOTED OTHERWISE.

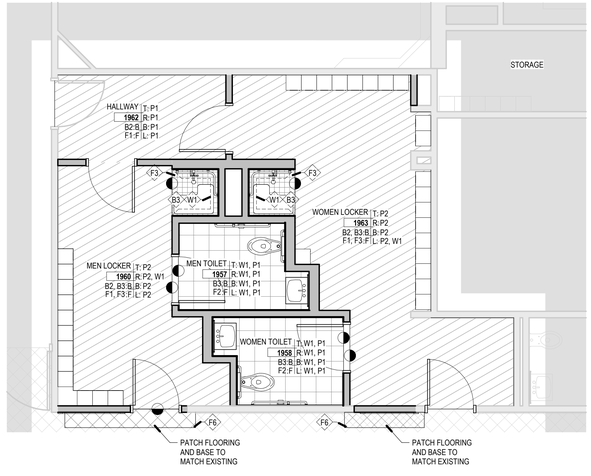
CEILING LEGEND

- A- SUSPENDED 2' X 4' ACOUSTICAL LAY-IN TILE CEILING
- B- SUSPENDED 2' X 2' ACOUSTICAL LAY-IN TILE CEILING
- C- SUSPENDED OR FRAMED 5/8" GYP. BD. CEILING SYSTEM - (1 LAYER) PAINTED
- D- SUSPENDED OR FRAMED 5/8" GYP. BD. CEILING SYSTEM - (1 LAYER) EPOXY PAINTED



A1 TDR - BLOOD DRAW LAYOUT - FINISH PLAN

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



A5 SURGERY LOCKER ROOMS - FINISH PLAN

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

CEILING SYMBOLS

ELECTRICAL

- 2'X4' FLUORESCENT FIXTURE
- 2'X2' FLUORESCENT FIXTURE
- 1'X4' FLUORESCENT FIXTURE
- FLUORESCENT STRIP FIXTURE
- RECESSED DOWN LIGHT
- WALL WASH
- 1'X4' FLUORESCENT FIXTURE
- EXIT SIGN, SINGLE-SIDED
- EXIT SIGN, DOUBLE-SIDED
- F — FIRE ALARM
- S — SPEAKER
- P — SMOKE DETECTOR
- W — WIRELESS INTERNET

MECHANICAL

- SUPPLY GRILLE
- RETURN GRILLE
- EXHAUST GRILLE
- LINEAR DIFFUSER
- SPRINKLER HEAD - CEILING MOUNT
- SPRINKLER HEAD - WALL MOUNT

ARCHITECTURAL

- CJ — GYP SOFFIT CONTROL JOINT, HORIZONTAL AND VERTICAL

GENERAL CEILING NOTES

1. REFER TO DETAIL **A4/A530** FOR TYPICAL CEILING SUSPENSION & SEISMIC BRACING
2. REFER TO DETAIL **A3/A530** FOR TYPICAL SUSPENDED GYP. BOARD CEILINGS
3. ALL UNIDENTIFIED CEILING TYPES ON THE PLANS SHALL BE TYPE " A" AT 9'-0" A.F.F.
4. GRID SUSPENSION SYSTEMS SHALL BE CENTERED WITHIN AREAS INDICATED, UNLESS NOTED OTHERWISE
5. PAINT ALL EXPOSED STRUCTURE, MECHANICAL, DUCTS, ELECTRICAL WORK, PIPING, ETC. ALL VISIBLE ELEMENTS TO BE PAINTED TO MATCH EXISTING ADJACENT FINISH.
6. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF MECHANICAL GRILLES, AND TO MECHANICAL DRAWINGS FOR QUANTITIES AND TYPES
7. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF LIGHT FIXTURES AND TO ELECTRICAL DRAWINGS FOR QUANTITY AND TYPES
8. MECHANICAL AND ELECTRICAL CONTRACTORS TO COORDINATE WORK WITH SPRINKLER CONTRACTOR TO AVOID CONFLICTS IN FIELD
9. ALL CEILING HEIGHTS ARE ELEVATION ABOVE TOP OF CONCRETE FLOOR SLAB
10. ALL TYPE C AND D CEILINGS IN RESTROOMS, SHOWERS, KITCHEN AND WET AREAS TO BE EPOXY PAINTED

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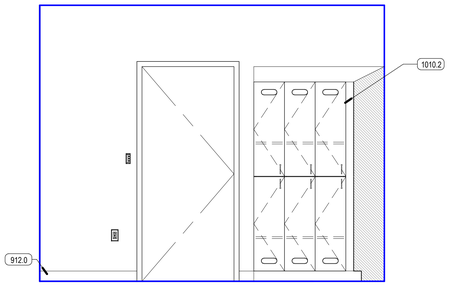
CONSTRUCTION DOCUMENTS

TDR - BLOOD DRAW - CHANGING - PERSONAL HEALTH - FINISH PLAN

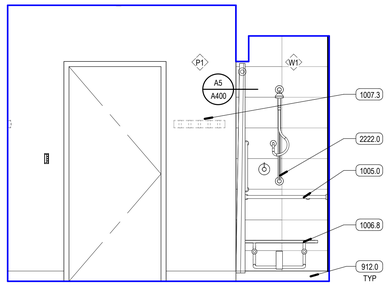
A131

11/6/2025 11:17:10 AM



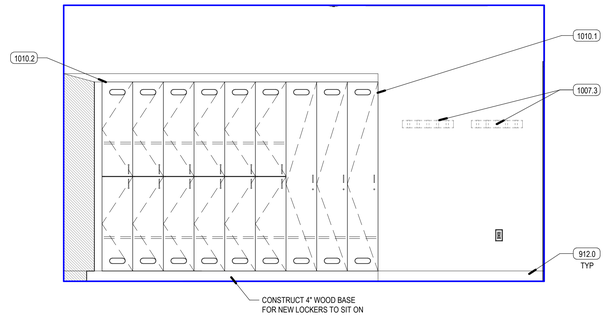
E1 MEN LOCKER - BOTTOM

SCALE: 1/2" = 1'-0"



E2 MEN LOCKER - TOP

SCALE: 1/2" = 1'-0"

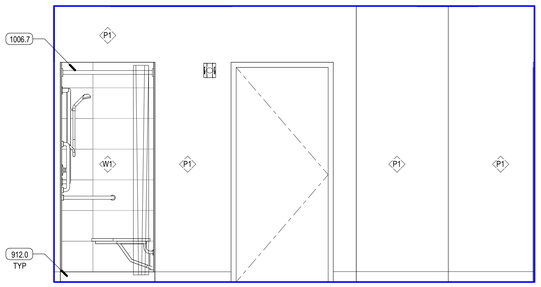


E4 MENS LOCKER ROOM - LEFT

SCALE: 1/2" = 1'-0"

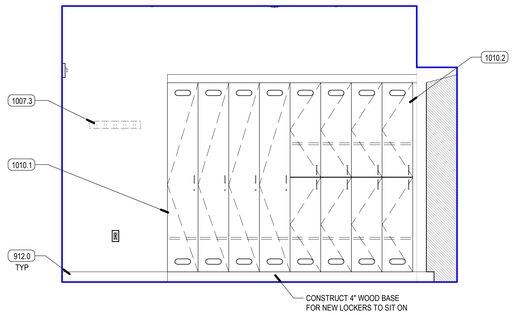
KEYED NOTES

912.0	SCHEDULED BASE
1005.0	GRAB BAR
1006.6	DISPENSER, TOILET SEAT COVERS
1006.7	SHOWER CURTAIN, ROD AND HOOKS
1006.8	HANDICAP SHOWER SEAT
1007.3	RACK, COAT/TOWEL
1010.1	LOCKERS, SINGLE TIER, OFCI
1010.2	LOCKERS, DOUBLE TIER, OFCI
1022.0	MIRROR, FRAMELESS, 24"x44"
2200.0	SINK + FAUCET
2206.1	TOILET, FLOOR MOUNT
2222.0	SHOWER HEAD, ADA COMPLIANT
2610.0	LIGHT FIXTURE



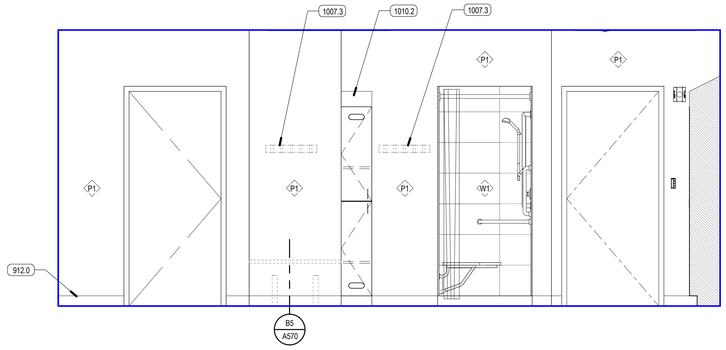
C1 MENS LOCKER ROOM - RIGHT

SCALE: 1/2" = 1'-0"



C3 WOMENS LOCKER ROOM - TOP

SCALE: 1/2" = 1'-0"

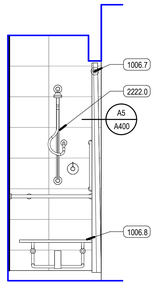


C5 WOMENS LOCKER ROOM - LEFT

SCALE: 1/2" = 1'-0"

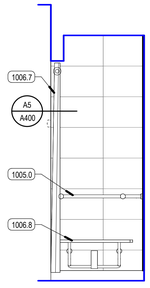
B1 WOMENS LOCKER ROOM - RIGHT

SCALE: 1/2" = 1'-0"



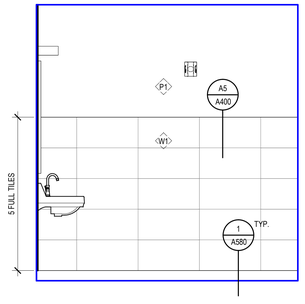
B3 WOMEN SHOWER - TOP

SCALE: 1/2" = 1'-0"



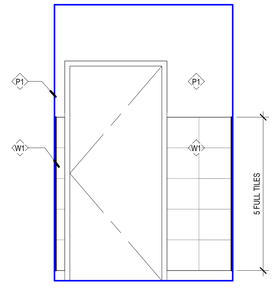
B4 WOMEN SHOWER - BOTTOM

SCALE: 1/2" = 1'-0"



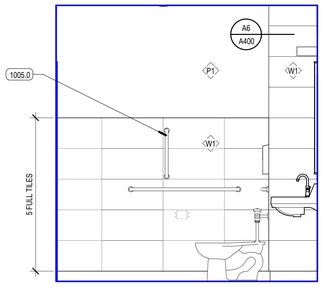
B5 WOMEN TOILET - TOP

SCALE: 1/2" = 1'-0"



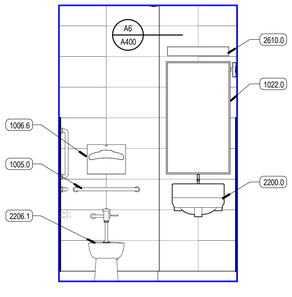
B6 WOMEN TOILET - RIGHT

SCALE: 1/2" = 1'-0"



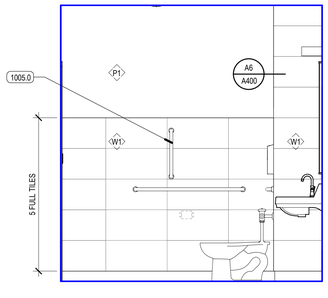
A1 WOMEN TOILET - BOTTOM

SCALE: 1/2" = 1'-0"



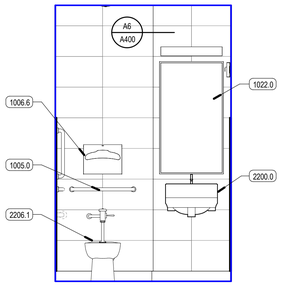
A2 WOMEN TOILET - LEFT

SCALE: 1/2" = 1'-0"



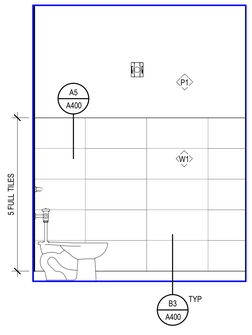
A3 MEN TOILET - TOP

SCALE: 1/2" = 1'-0"



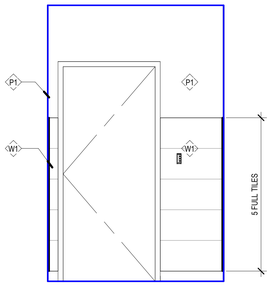
A4 MEN TOILET - RIGHT

SCALE: 1/2" = 1'-0"



A5 MEN TOILET - BOTTOM

SCALE: 1/2" = 1'-0"



A6 MEN TOILET - LEFT

SCALE: 1/2" = 1'-0"

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20 N. MAIN ST. #103
ST. GEORGE, UT 84770
435.522.7070

VCBO.COM

VCBO NUMBER: 25260.00
CLIENT NUMBER: XXXXX

STATE OF UTAH
JEFFERY PINEGAR
#124371
11/19/25
LICENSED ARCHITECT

REV DATE DESCRIPTION

INTERMOUNTAIN HEBER VALLEY HOSPITAL

454 EAST MEDICAL WAY, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

TDR - BLOOD DRAW - CHANGING - PERSONAL HEALTH - INTERIOR ELEVATIONS

A133

11/6/2025 11:17:19 AM

LEGEND - FINISH

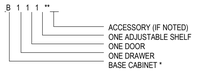
Key Name	Finish - Description	Finish - Manufacturer	Finish - Name	Finish - Color	Finish - Comments
FLOOR					
F1	SHEET VINYL	MANNINGTON COMMERCIAL	BIOSPEC SR	BEDROCK	
F2	FLOOR TILE	CROSSVILLE	NOTORIOUS	FILM NOIR NTR06	12x12. USE G2
F3	FLOOR TILE	CROSSVILLE	NOTORIOUS	FILM NOIR NTR06	MOSAIC. USE G2
F4	CARPET	SHAW CONTRACT	HAND DRAWN - STIPPLE	SLATE	INSTALL BRICK 18X36
F5	CONCRETE - SEALED / EPOXY	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	-
F6	RESILIENT FLOOR - MATCH EXISTING				MATCH EXISTING ADJACENT FINISH. SALVAGE FROM DEMO OR USE ATTIC STOCK
F7	CARPET - MATCH EXISTING				MATCH EXISTING ADJACENT FINISH. SALVAGE FROM DEMO OR USE ATTIC STOCK
BASE					
B1A	RUBBER BASE	JOHNSONITE	TIGHTLOCK CARPET	IRONSTONE	4 1/2"
B1B	RUBBER BASE	JOHNSONITE	TIGHTLOCK RESILIENT	IRONSTONE	4 3/8"
B2	COVED BASE	MANNINGTON COMMERCIAL	-	PER SCHEDULED FLOOR	
B3	TILE BASE	CROSSVILLE	NOTORIOUS	FILM NOIR NTR06	COVE BASE
PAINT					
P1	PAINT - GENERAL	SHERWIN WILLIAMS	SW7005	PURE WHITE	
P2	PAINT - ACCENT	SHERWIN WILLIAMS	SW7043	WORLDLY GRAY	
P3	PAINT - MATCH EXISTING				
P4	PAINT TOUCH UP	MATCH EXISTING			
SURFACE					
S1	PLASTIC LAMINATE - CASEWORK	WILSONART	-	PHANTOM COCOA	
S2	PLASTIC LAMINATE - COUNTEROPS	WILSONART	-	CASUAL LINEN	
WALL					
W1	WALL TILE	CROSSVILLE	NOTORIOUS	FEMME FETALE	12X24 USE G1
WP1	WALL PROTECTION	KOROGARD		PUMICE	WAINSCOT - SEE ELEVATIONS. USE COORDINATING TRIM
OTHER					
CG1	CORNER GUARDS	INPRO	160 G2	FEATHER 0238	4'-0" HIGH, PVC FREE, 90 DEGREE, 2" WINGS, SURFACE MOUNTED
CG2	CORNER GUARDS	MATCH/ REUSE EXISTING	MATCH/ REUSE EXISTING	MATCH/ REUSE EXISTING	
EXIST	EXISTING TO REMAIN				
G1	GROUT 1	MAPEI		11 SAHARA BEIGE	
G2	GROUT 2	MAPEI		02 PEWTER	

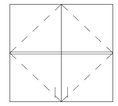
ROOM FINISH SCHEDULE

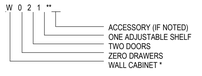
ROOM NAME	ROOM NUMBER	FLOOR FINISH	BASE FINISH	WALL FINISHES				CASEWORK VERTICAL SURFACE	COUNTERTOPS	COMMENTS
				TOP	RIGHT	BOTTOM	LEFT			
RESPIRATORY THERAPY OFFICE	1132	EXIST, F4	B1A	EXIST	P4	P3	P4			
PERSONAL HEALTH	1500	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST			
TDR	1501	EXIST, F5	B1B	EXIST, P3	P3	EXIST, P3	P3			
BLOOD DRAW 3	1507	F1	B2	P2	P2, WP1	P2, WP1	P2, WP1	S1	S2	
CHANGING	1510	F1	B2	P2	P2	P2	P2			
MEN TOILET	1957	F2	B3	W1, P1	W1, P1	W1, P1	W1, P1			
WOMEN TOILET	1958	F2	B3	W1, P1	W1, P1	W1, P1	W1, P1			
MEN LOCKER	1960	F1, F3	B2, B3	P2	P2, W1	P2	P2			
HALLWAY	1962	F1	B2	P1	P1	P1	P1			
WOMEN LOCKER	1963	F1, F3	B2, B3	P2	P2	P2	P2, W1			

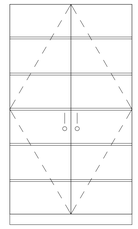
ARCHITECTURAL MILLWORK KEY

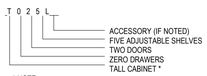
EXAMPLE:











* NOTE:

SB	DENOTES SINK BASE CABINET
TW	DENOTES TALL WARDROBE CABINET
FMD	DENOTES FRAMED PERFORATED METAL PANEL DOOR
FGD	DENOTES FRAMED GLASS PANEL DOOR

** NOTE:

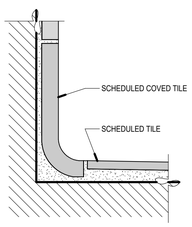
L	DENOTES LOCKS AT DOOR (S) / DRAWER (S)
F	DENOTES FILE DRAWER (S)

CABINET MEASUREMENTS SHOWN ARE ACTUAL SIZES. BASE CABINET HEIGHTS ALLOW FOR A COUNTERTOP 1 1/2" THICK. CABINET DEPTHS ARE MEASURED FROM THE BACK TO THE FACE OF THE DOOR OR DRAWER FRONT (WHERE APPLICABLE).

ALL CABINET INTERIORS, WHETHER CONCEALED BEHIND DOORS OR OPEN, ARE STANDARD MELAMINE LAMINATE AS PER SPECIFICATIONS.

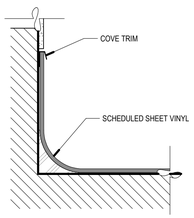
MILLWORK LEGEND

1. MILLWORK DIMENSION NUMBERS ARE WIDTH X HEIGHT X DEPTH.
2. ALL MILLWORK DIMENSIONED FROM BASE TO TOP OF IDENTIFIED COUNTERTOP, TYP
3. CABINET DEPTHS ARE MEASURED FROM THE WALL TO THE FACE OF THE DOOR OR DRAWER FRONT (WHERE APPLICABLE).
4. PROVIDE BASE AT ALL CABINET TOE SPACE, UNLESS NOTED OTHERWISE.
5. PROVIDE GROMMET WHERE "G" IS LABELED ON PLANOS OR ELEVATIONS.
6. ALL COUNTERTOPS TO HAVE A 4" BACKSPLASH, UNLESS NOTED OTHERWISE, TO MATCH COUNTERTOP, ON BACK AND SIDE WALLS. SIDE SPLASH TO BE 3/4" MATERIAL
7. PROVIDE FILLER PANELS TO SEAL SIDES AND TOPS OF ALL CABINETS PLACED AT AN ANGLE TO ADJACENT WALL(S).
8. ALL MILLWORK TO FINISHED ON ENDS, TYP.
9. CONTRACTOR TO PROVIDE BLOCKING BEHIND ALL CABINETS, COAT RACKS, PENCIL SHARPENER BLOCKS, T.V. BRACKETS AND PROJECTION SCREENS AS WELL AS ALL WALL MOUNTED ACCESSORIES, INCLUDING WHITE BOARDS, TACKBOARDS, TOILET AND URINAL PARTITIONS AND TOILET ROOM ACCESSORIES, ETC... NOTE: ONLY 2X WOOD BLOCKING IS ACCESPTABLE BEHIND MILLWORK AND TOILET ROOM PARTITIONS.
10. REFER TO SHEET **A400** FOR FINISH COLORS ON ALL MILLWORK AND CASEWORK.



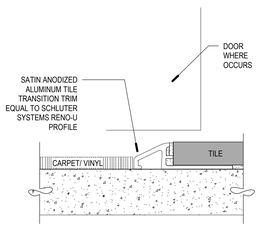
B3 TILE COVE BASE DETAIL

SCALE: 6" = 1'-0"



B4 COVE BASE

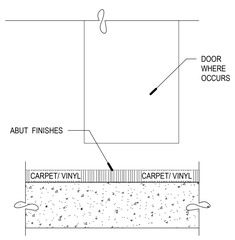
SCALE: 6" = 1'-0"



CARPET/ VINYL TRANSITION TO TILE

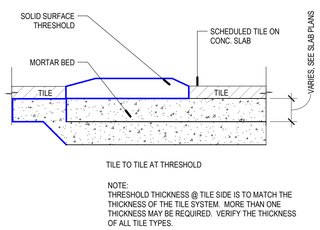
B5 CARPET/ VINYL TO TILE

SCALE: 12" = 1'-0"



A2 VINYL TRANSITION TO VINYL

SCALE: 12" = 1'-0"

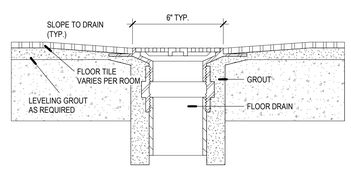


TILE TO TILE AT THRESHOLD

NOTE:
THRESHOLD THICKNESS @ TILE SIDE IS TO MATCH THE THICKNESS OF THE TILE SYSTEM. MORE THAN ONE THICKNESS MAY BE REQUIRED. VERIFY THE THICKNESS OF ALL TILE TYPES.

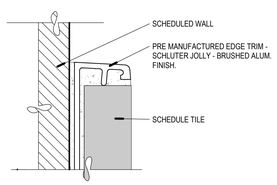
A3 SOLID SURFACE THRESHOLD

SCALE: 12" = 1'-0"



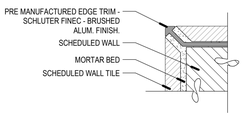
A4 FLOOR DRAIN - TYPICAL

SCALE: 3" = 1'-0"



A5 EXPOSED TILE EDGE

SCALE: 1" = 1'-0"



A6 TILE CORNER TRIM

SCALE: 6" = 1'-0"

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SALT LAKE CITY, UT 84102
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ST. GEORGE
20 N. MAIN ST. #103
ST. GEORGE, UT 84770
435.522.7070

VCBO.COM

VCBO NUMBER: 25260.00
CLIENT NUMBER: XXXXX

REV	DATE	DESCRIPTION

INTERMOUNTAIN HEBER VALLEY HOSPITAL

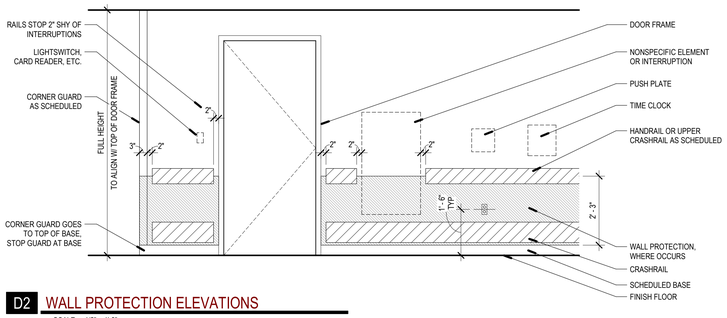
454 EAST MEDICAL WAY, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

FINISH LEGEND + SCHEDULE

A400

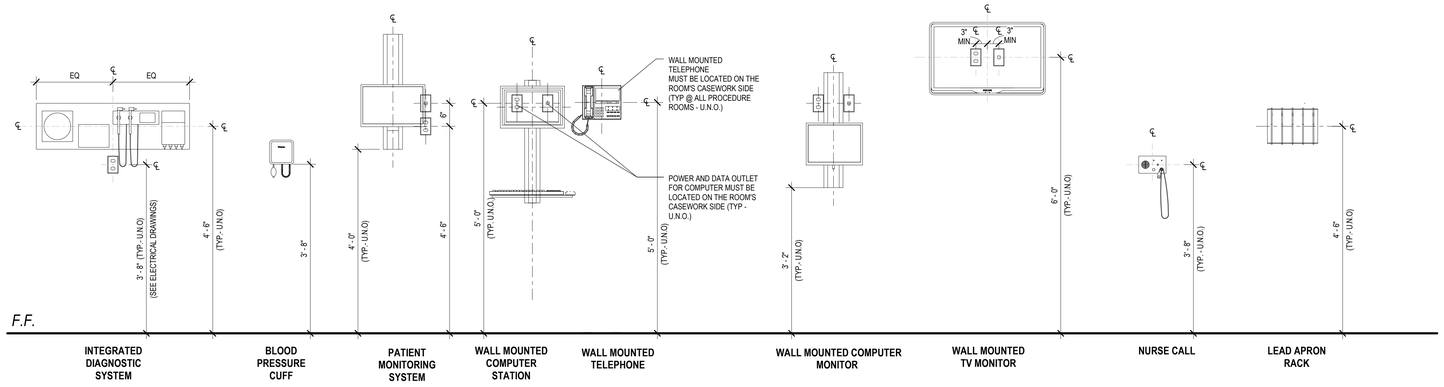
11/6/2025 11:17:21 AM



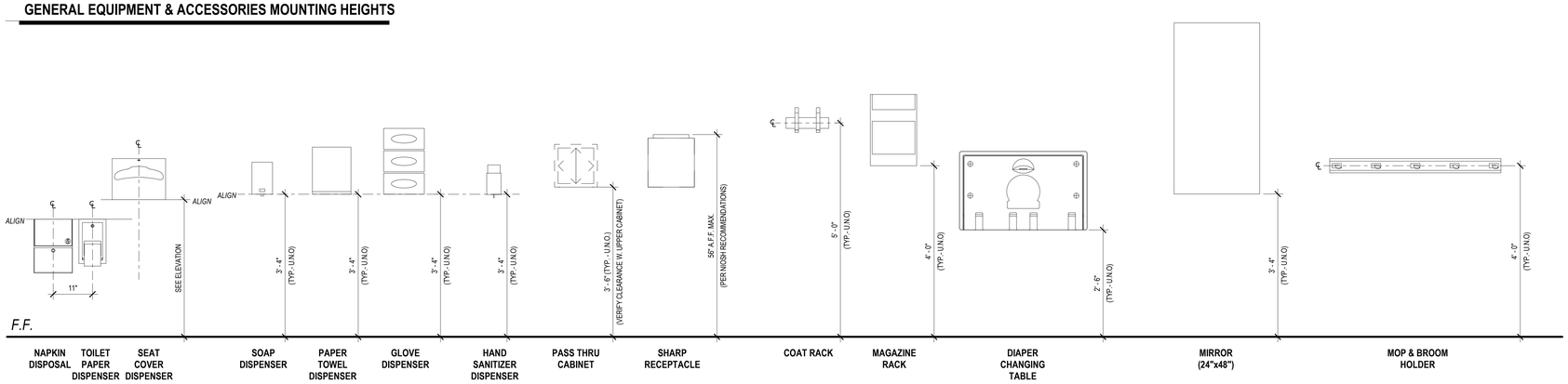
D2 WALL PROTECTION ELEVATIONS

SCALE: 1/2" = 1'-0"

MEDICAL EQUIPMENT & ACCESSORIES MOUNTING HEIGHTS



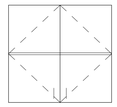
GENERAL EQUIPMENT & ACCESSORIES MOUNTING HEIGHTS



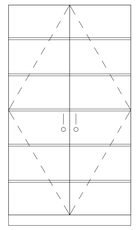
ARCHITECTURAL MILLWORK KEY

EXAMPLE:

B 1 1 1 **
- ACCESSORY (IF NOTED)
- ONE ADJUSTABLE SHELF
- ONE DOOR
- ONE DRAWER
- BASE CABINET *



W 0 2 1 **
- ACCESSORY (IF NOTED)
- ONE ADJUSTABLE SHELF
- TWO DOORS
- ZERO DRAWERS
- WALL CABINET *



T 0 2 5 L
- ACCESSORY (IF NOTED)
- FIVE ADJUSTABLE SHELVES
- TWO DOORS
- ZERO DRAWERS
- TALL CABINET *

* NOTE:

SB	DENOTES SINK BASE CABINET
TW	DENOTES TALL WARDROBE CABINET
FMD	DENOTES FRAMED PERFORATED METAL PANEL DOOR
FGD	DENOTES FRAMED GLASS PANEL DOOR

** NOTE:

L	DENOTES LOCKS AT DOOR (S) / DRAWER (S)
F	DENOTES FILE DRAWER (S)

CABINET MEASUREMENTS SHOWN ARE ACTUAL SIZES. BASE CABINET HEIGHTS ALLOW FOR A COUNTERTOP 1 1/2" THICK. CABINET DEPTHS ARE MEASURED FROM THE BACK TO THE FACE OF THE DOOR OR DRAWER FRONT (WHERE APPLICABLE)

ALL CABINET INTERIORS, WHETHER CONCEALED BEHIND DOORS OR OPEN, ARE STANDARD MELAMINE LAMINATE AS PER SPECIFICATIONS.

MILLWORK LEGEND

1. MILLWORK DIMENSION NUMBERS ARE WIDTH X HEIGHT X DEPTH.
2. ALL MILLWORK DIMENSIONED FROM BASE TO TOP OF IDENTIFIED COUNTERTOP, TYP
3. CABINET DEPTHS ARE MEASURED FROM THE WALL TO THE FACE OF THE DOOR OR DRAWER FRONT (WHERE APPLICABLE).
4. PROVIDE BASE AT ALL CABINET TOE SPACE, UNLESS NOTED OTHERWISE.
5. PROVIDE GROMMET WHERE "G" IS LABELED ON PLANOS OR ELEVATIONS.
6. ALL COUNTERTOPS TO HAVE A 4" BACKSPLASH, UNLESS NOTED OTHERWISE, TO MATCH COUNTERTOP, ON BACK AND SIDE WALLS. SIDE SPLASH TO BE 3/4" MATERIAL.
7. PROVIDE FILLER PANELS TO SEAL SIDES AND TOPS OF ALL CABINETS PLACED AT AN ANGLE TO ADJACENT WALL(S).
8. ALL MILLWORK TO FINISHED ON ENDS, TYP.
9. CONTRACTOR TO PROVIDE BLOCKING BEHIND ALL CABINETS, COAT RACKS, PENCIL SHARPENER BLOCKS, T.V. BRACKETS AND PROJECTION SCREENS AS WELL AS ALL WALL MOUNTED ACCESSORIES, INCLUDING WHITE BOARDS, TACKBOARDS, TOILET AND URINAL PARTITIONS AND TOILET ROOM ACCESSORIES, ETC... NOTE: ONLY 2X WOOD BLOCKING IS ACCESPTABLE BEHIND MILLWORK AND TOILET ROOM PARTITIONS.
10. REFER TO SHEET **A400** FOR FINISH COLORS ON ALL MILLWORK AND CASEWORK.

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20 N. MAIN ST. #103
ST. GEORGE, UT 84770
435.522.7070

VCBO.COM

VCBO NUMBER: 25260.00
CLIENT NUMBER: XXXXX

REV	DATE	DESCRIPTION

INTERMOUNTAIN HEBER VALLEY HOSPITAL

454 EAST MEDICAL WAY, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

TYPICAL MOUNTING HEIGHTS

A401

11/6/2025 11:17:22 AM

KEY FOR PARTITION TYPES

DENOTES TYPE OF CONSTRUCTION (SPEC. DIVISION) — WALL

4A8

- 3X 0 SERIES CONCRETE
- 4X 0 SERIES MASONRY
- 5X 0 SERIES COLD FORMED METAL STUDS, 16 GA MIN.
- 9X 0 SERIES METAL STUDS

NOMINAL SIZES:
- V = VARIABLE/MATCHEXISTING
- 1 = 1 5/8" STUDS
- 2 = 2 1/2" STUDS
- 3 = 3 5/8" STUDS
- 4 = 4" STUDS / 4" (NOM.) C.M.U.
- 6 = 6" STUDS / 6" (NOM.) C.M.U.
- 8 = 8" STUDS / 8" (NOM.) C.M.U.
- 10 = 10" (NOM.) C.M.U. OR CONC.
- 12 = 12" (NOM.) C.M.U. OR CONC.

EXAMPLE: WALL TYPE 9A3 IS A 3 5/8" METAL STUD WITH 5/8" GYPSUM BOARD ON BOTH SIDES.

NOTE: SEE GENERAL NOTES BELOW FOR ADDITIONAL ELEMENTS IN THE INDIVIDUAL WALL TYPES AND SPECIFIC DETAILS, INCLUDING UL RATINGS.

RATED WALL LEGEND

- SMOKE PARTITION - WALL CONSTRUCTION
- 1 OR 2 HOUR SEPARATION
- NON RATED WALL

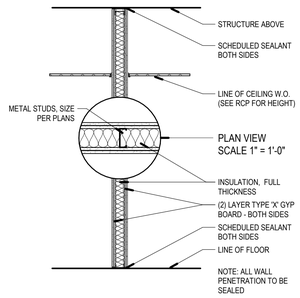
EXAMPLE: WALL TYPE 9A3-1 IS A ONE HOUR RATED, 3 5/8" METAL STUD WALL WITH 5/8" GYPSUM BOARD ON BOTH SIDES, PER ASSEMBLY REQUIREMENTS.

90X-R SERIES

FIRE RATING (ONLY WHEN NOTED):
- 1 = 1 HOUR RATED ASSEMBLY
- 2 = 2 HOUR RATED ASSEMBLY
- 3 = 3 HOUR RATED ASSEMBLY

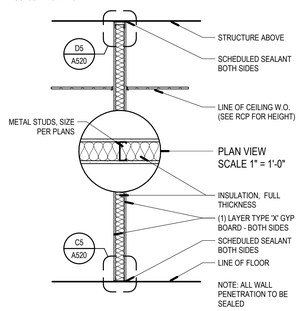
METAL STUD NOTES:

1. SEE HEADER AND METAL STUD GUAGE NOTES ON SHEET **A500**



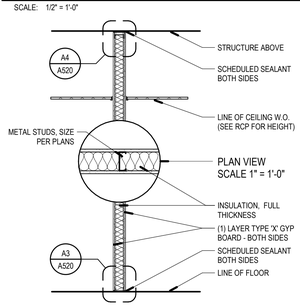
C2 PARTITION - 9Ax-2

SCALE: 1/2" = 1'-0"



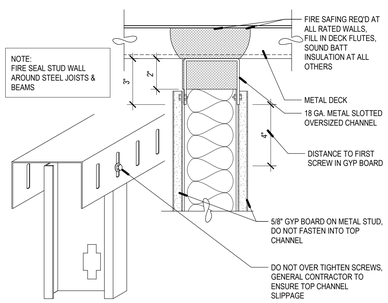
B2 PARTITION - 9Ax-1 (E-1HR)

SCALE: 1/2" = 1'-0"



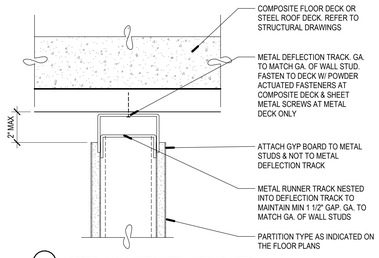
A2 PARTITION - 9Ax

SCALE: 1/2" = 1'-0"



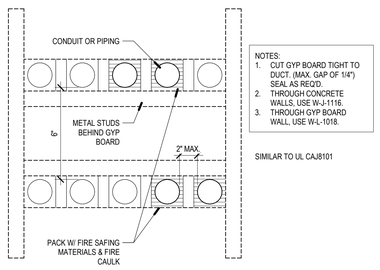
D4 PARTITION - SLIP JOINT - TYP

ES/ A520 SCALE: 3" = 1'-0"



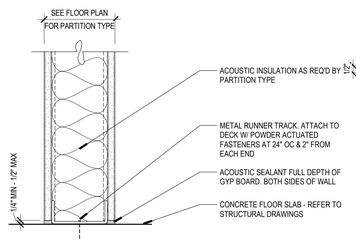
C3 PARTITION HEAD - NON-RATED

C1/ A500 SCALE: 3" = 1'-0"



B3 CONDUIT PENETRATION

SCALE: 3" = 1'-0"

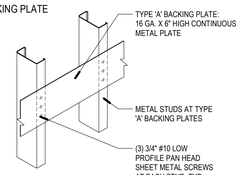


A3 PARTITION BASE - NON-RATED

C1/ A500 SCALE: 3" = 1'-0"

PROVIDE BACKING PLATES AS INDICATED ON THE DRAWINGS OR WHERE NOT INDICATED, ACCORDING TO THE FOLLOWING SCHEDULE. REFER TO DETAILS ELSEWHERE IN THE SET OF DRAWINGS FOR THE SUPPORT OF WALL MOUNTED ITEMS IN EXCESS OF 200 LBS

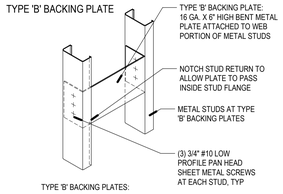
TYPE 'A' BACKING PLATE



TYPE 'A' BACKING PLATES:

- AT DOOR STOPS & BUMPER RAILS
- AT TOILET ACCESSORIES, MIRRORS, COAT HOOKS, ETC.
- AT ALL UPPER WALL HUNG CABINETS
- AT ALL BASE CABINETS
- AT ALL FULL HEIGHT CABINETS
- AT WALL MOUNTED ADJUSTABLE SHELVING
- AT ALL WALL MOUNTED HANDRAILS

TYPE 'B' BACKING PLATE

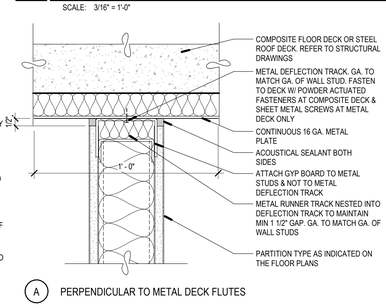


TYPE 'B' BACKING PLATES:

TYPE 'B' BACKING PLATE SHALL SUPPORT THE SAME ITEMS AS TYPE 'A' BACKING PLATE BUT USE WHERE APPEARANCE IS THE MAIN CONCERN SUCH AS LOBBIES & OTHER HIGH DESIGN AREAS.

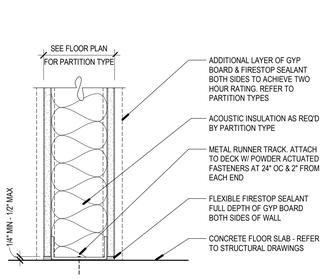
B4 BACKING PLATE - SCHEDULE

SCALE: 3/16" = 1'-0"



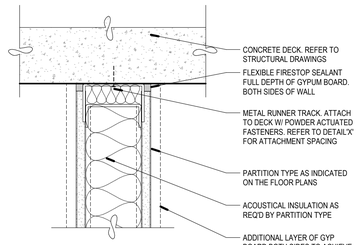
A4 PARTITION HEAD - ACOUSTIC - NON-RATED

C3/ A500 SCALE: 3" = 1'-0"



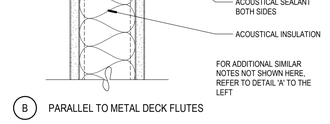
E5 SLIP JOINT - BEAM / JOIST

SCALE: 1 1/2" = 1'-0"



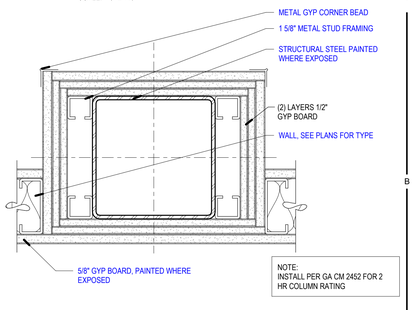
D5 PARTITION HEAD - RATED

D3/ A500 SCALE: 3" = 1'-0"



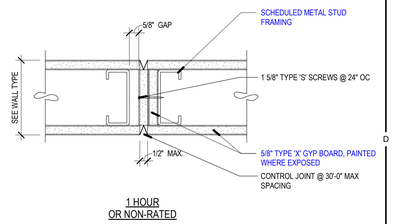
C5 PARTITION BASE - RATED

D3/ A500 SCALE: 3" = 1'-0"



E6 DUCT OPENING - RATED WALL

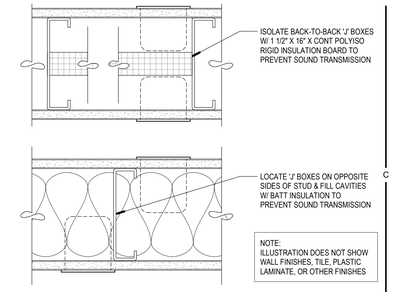
SCALE: 3/4" = 1'-0"



1 HOUR
OR NON-RATED

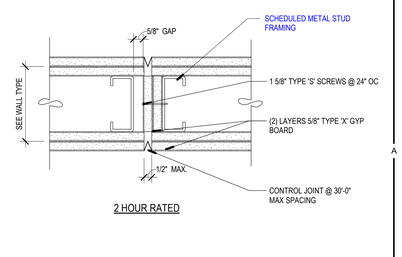
D6 CONTROL JOINT - STUD

SCALE: 3" = 1'-0"



B6 WALL + COLUMN - STEEL - 2 HR

SCALE: 3" = 1'-0"



2 HOUR RATED

A6 CONTROL JOINT - STUD - 2 HR - TYP

SCALE: 3" = 1'-0"

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VCBO NUMBER: 25260.00
CLIENT NUMBER: XXXXX

STATE OF UTAH
JEFFERY PINEGAR
#124371
11/19/25
LICENSED ARCHITECT

REV	DATE	DESCRIPTION

INTERMOUNTAIN HEBER VALLEY HOSPITAL

454 EAST MEDICAL WAY, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

INTERIOR FRAMING DETAILS

A520

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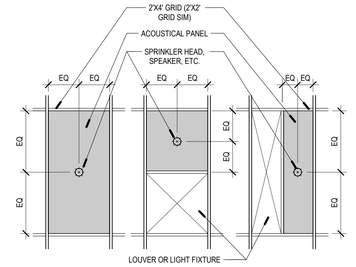
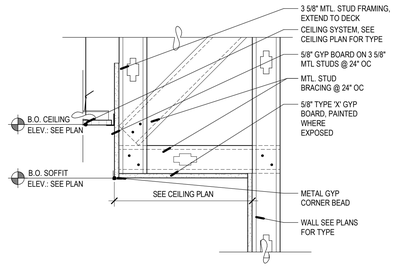


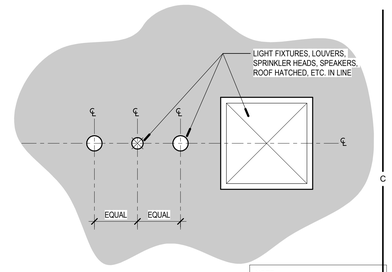
E6 CEILING TILE - PENETRATION - TYP

SCALE: 1/2" = 1'-0"



D6 SOFFIT - WALL - TYP

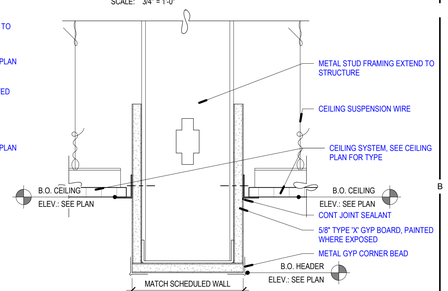
SCALE: 1 1/2" = 1'-0"

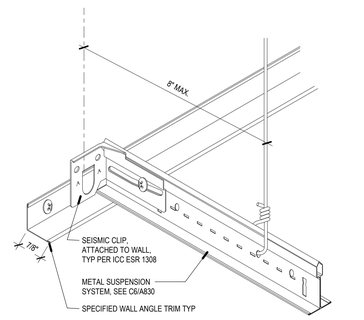


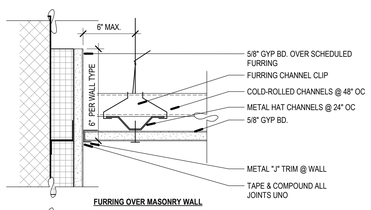
NOTE:
ALL FIXTURES TO BE IN LINE & CENTERED IN FIELD UNO

C6 GYP BOARD CEILING - FIXTURE - TYP

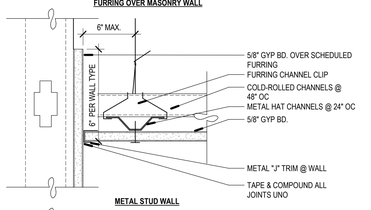
SCALE: 3/4" = 1'-0"



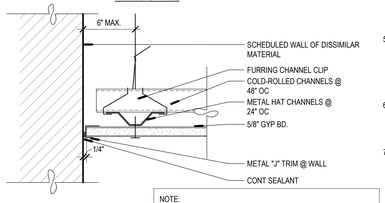




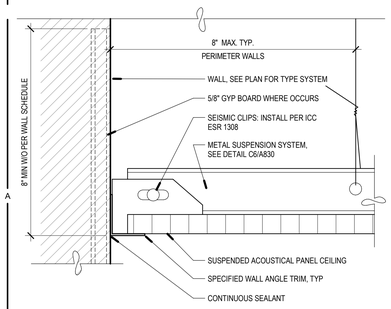
FURRING OVER MASONRY WALL



METAL STUD WALL



NOTE:
1. SEE XX/XXX FOR SEISMIC BRACING INFORMATION
2. INSTALL GYP TO USG STANDARDS

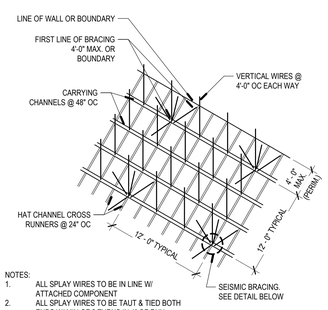


A1 SUSPENDED CEILING - TYP

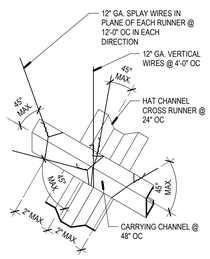
SCALE: 6" = 1'-0"

A2 SLIP JOINT

SCALE: 3" = 1'-0"

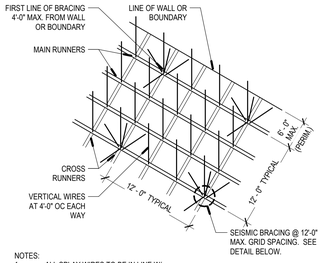


NOTES:
1. ALL SPLAY WIRES TO BE IN LINE W/ ATTACHED COMPONENT
2. ALL SPLAY WIRES TO BE TAUT & TIED BOTH ENDS W/ MIN OF 3 TURNS IN 1" OF RUN.
3. AREAS SMALLER THAN 1,000 SQ. FT. W/ WALLS ON 4 SIDES EXTENDING TO STRUCTURE NEED NOT BE BRACED.
4. ALL CEILING MOUNTED LIGHT FIXTURES SHALL BE ATTACHED TO THE SUSPENDED CEILING GRID. IN ADDITION 12 GA. HANGER WIRES SHALL BE ATTACHED TO THE GRID WITHIN 3" OF EACH CORNER OF THE LIGHT HOUSING & TO THE STRUCTURE ABOVE (THESE WIRES MAY BE SLACK.)
5. WIRES SHALL NOT ATTACH TO OR BEND AROUND INTERFERING MATERIAL OR EQUIPMENT NOR SHALL THEY BE CLOSER THAN 6" FROM ANY UN-BRACED HORIZONTAL PIPING OR DUCTWORK. A TRAPEZE OR SIMILAR DEVICE SHALL BE USED WHERE OBSTRUCTIONS OCCUR.
6. GYP BOARD TO BE INSTALLED @ RIGHT ANGLES TO 7/8" HAT CHANNEL RUNNERS. FASTEN W/ 1" TYPE 'S' DRYWALL SCREWS @ 12" OC TYP @ EDGES & IN FIELD AS PER USG STANDARDS.
7. ALL SUSPENDED CEILING TO MEET THE REQUIREMENTS OF THE IBC SECTION 2506.1 & 803, ASTM C635-00, ASTM C636-96, ASTM E 1264, ASCE / SEI 7-05 SECTION 12.5.6.2, ICC REPORT ESR-1308

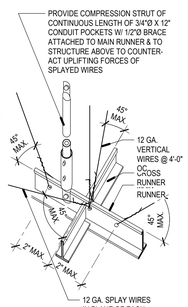


A3 SUSPENDED CEILING - GYP BRACING - TYP

SCALE: 6" = 1'-0"

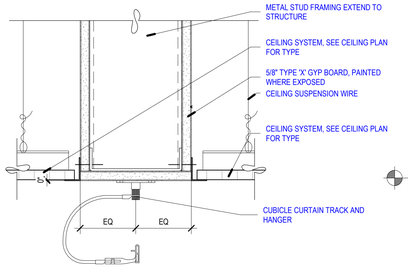


NOTES:
1. ALL SPLAY WIRES TO BE IN LINE W/ ATTACHED COMPONENT
2. ALL SPLAY WIRES TO BE TAUT & TIED BOTH ENDS W/ MIN OF 3 TURNS IN 1" OF RUN.
3. AREAS SMALLER THAN 144 SQ. FT. W/ WALLS ON 4 SIDES EXTENDING TO STRUCTURE NEED NOT BE BRACED.
4. COMPRESSIVE STRUTS REQ'D @ 12'-0" OC
5. ALL CEILING MOUNTED LIGHT FIXTURES SHALL BE ATTACHED TO THE SUSPENDED CEILING GRID. IN ADDITION 12 GA. HANGER WIRES SHALL BE ATTACHED TO THE GRID WITHIN 3" OF EACH CORNER OF THE LIGHT HOUSING & TO THE STRUCTURE ABOVE (THESE WIRES MAY BE SLACK.)
6. WIRES SHALL NOT ATTACH TO OR BEND AROUND INTERFERING MATERIAL OR EQUIPMENT NOR SHALL THEY BE CLOSER THAN 6" FROM ANY UN-BRACED HORIZONTAL PIPING OR DUCTWORK. A TRAPEZE OR SIMILAR DEVICE SHALL BE USED WHERE OBSTRUCTIONS OCCUR.
7. PROVIDE 7/8" WIDE PERIMETER WALL MOULDING AT ALL WALLS.
8. ALL SUSPENDED CEILING TO MEET THE REQUIREMENTS OF THE IBC SECTION 2506.1 & 803, ASTM C635-00, ASTM C636-96, ASTM E 1264, ASCE / SEI 7-05 SECTION 12.5.6.2.2, ICC REPORT ESR-1308



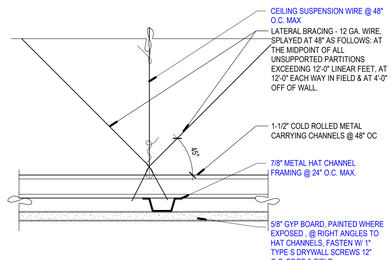
A4 SUSPENDED CEILING - SEISMIC BRACING

SCALE: 6" = 1'-0"



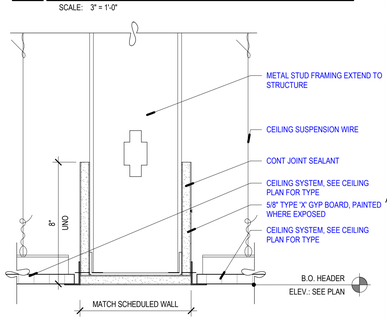
B5 METAL STUD - HEADER - TYP - PRIVACY CURTAIN

SCALE: 3" = 1'-0"



B6 METAL STUD - HEADER - TYP

SCALE: 3" = 1'-0"



A5 SUSPENDED CEILING - GYP - TYP

SCALE: 3" = 1'-0"

A6 FLUSH METAL STUD - HEADER - TYP

SCALE: 3" = 1'-0"

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SALT LAKE CITY, UT 84102
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435.522.7070

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VCBO NUMBER: 25260.00
CLIENT NUMBER: XXXXX

STATE OF UTAH
JEFFERY PINEGAR
#124371
11/19/25
LICENSED ARCHITECT

REV DATE DESCRIPTION

INTERMOUNTAIN HEBER VALLEY HOSPITAL

454 EAST MEDICAL WAY, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

CEILING DETAILS

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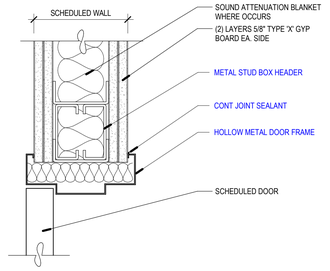
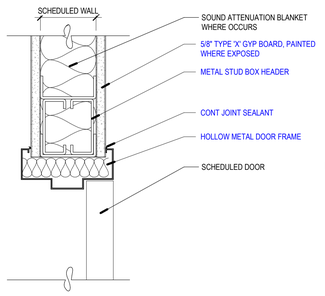
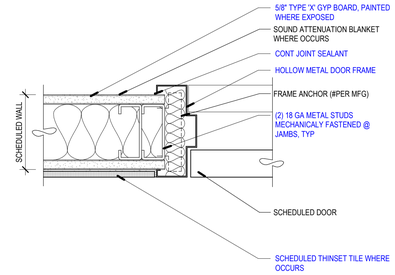
11/6/2025 11:17:25 AM





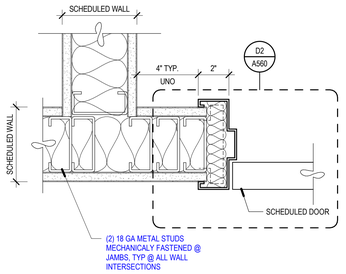
E3 HM DOOR - HEAD - 2 HR WALL (UL#419)

SCALE: 3" = 1'-0"



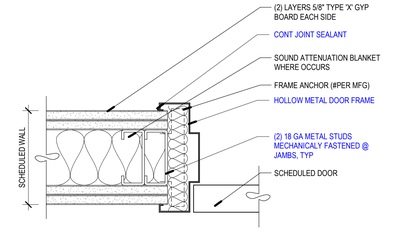
E5 HM DOOR - HEAD

A1/ A513 SCALE: 3" = 1'-0"



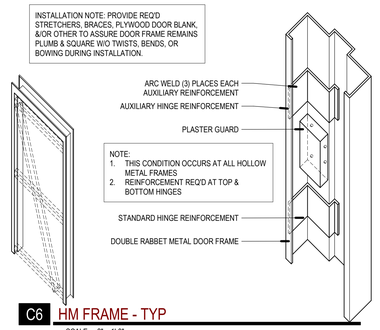
D4 HM DOOR - JAMB

SCALE: 3" = 1'-0"



D6 HM DOOR - CORNER JAMB

SCALE: 3" = 1'-0"



D2 HM DOOR - JAMB - 2 HR WALL (UL#419)

D5/ A524 SCALE: 3" = 1'-0"

C6 HM FRAME - TYP

SCALE: 3" = 1'-0"

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VCBO NUMBER: 25260.00
CLIENT NUMBER: XXXXX

STATE OF UTAH
JEFFERY PINEGAR
#124371
11/19/25
LICENSED ARCHITECT

REV DATE DESCRIPTION

INTERMOUNTAIN HEBER VALLEY HOSPITAL

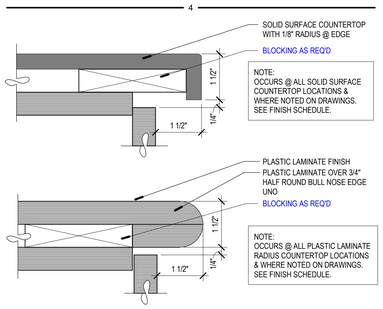
454 EAST MEDICAL WAY, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

DOOR + WINDOW DETAILS

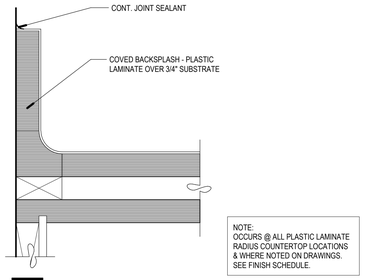
A560

11/6/2025 11:17:25 AM



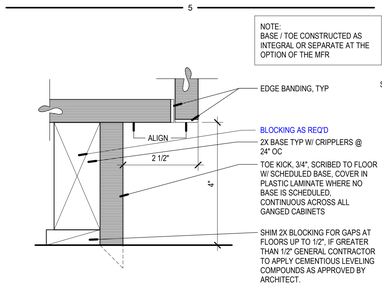
E4 COUNTERTOP EDGE DETAIL

SCALE: 6" = 1'-0"



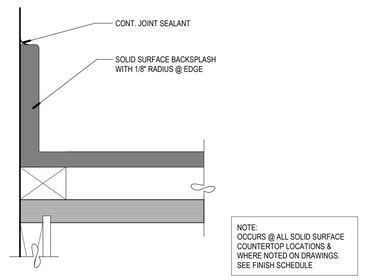
D4 COUNTERTOP BACKSPLASH DETAIL

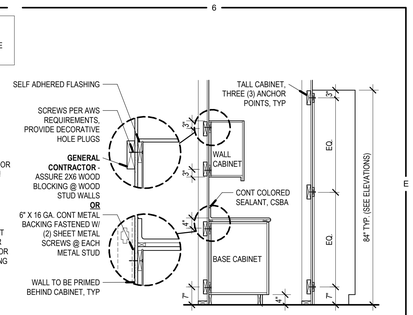
SCALE: 6" = 1'-0"



E5 TOE KICK - TYP

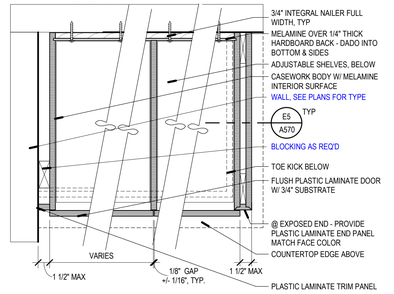
D6/ A570 SCALE: 6" = 1'-0"





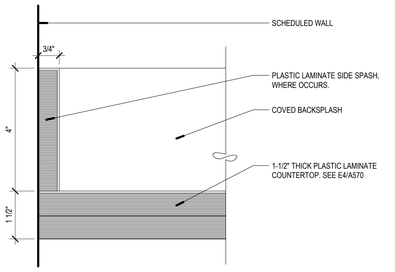
E6 MILLWORK ANCHOR - TYP

SCALE: 1/2" = 1'-0"



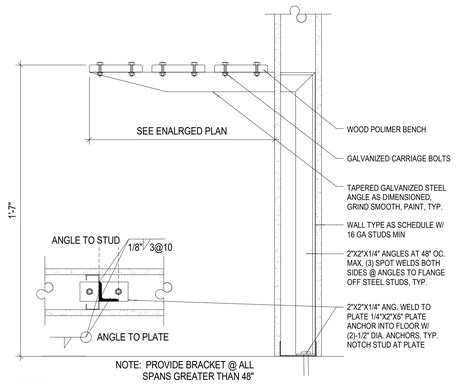
D6 BASE CABINET - PLAN

SCALE: 1 1/2" = 1'-0"



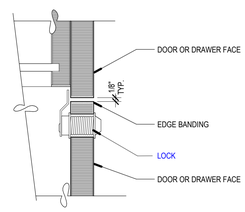
C6 COUNTERTOP SIDE SPLASH DETAIL

SCALE: 6" = 1'-0"



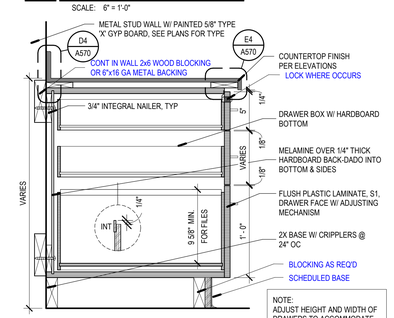
B5 BENCH - DRESSING ROOM

SCALE: 3" = 1'-0"



B6 LOCK - TYP

SCALE: 6" = 1'-0"



A6 BASE CABINET - 3 DRAWER FILE

SCALE: 1 1/2" = 1'-0"

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STATE OF UTAH
JEFFERY PINEGAR
#124371
11/19/25
LICENSED ARCHITECT

REV DATE DESCRIPTION

INTERMOUNTAIN HEBER VALLEY HOSPITAL

454 EAST MEDICAL WAY, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

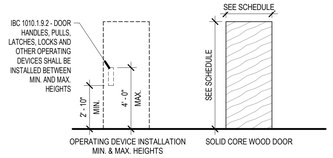
CASEWORK DETAILS

A570

11/6/2025 2:01:01 PM

SCHEDULE - DOOR AND FRAME - NEW

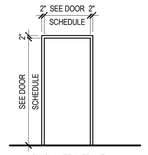
DOOR NUMBER	ROOM NUMBER	ROOM NAME	DOOR						FRAME			HARDWARE GROUP	LABEL (MIN.)	NOTES	DOOR NUMBER
			SIZE			ELEV. TYPE	MATERIAL	FINISH/ FACING	ELEV. TYPE	MATERIAL	FINISH/ FACING				
			WIDTH	HEIGHT	THICK										
1510	1510	CHANGING	3' - 0"	7' - 0"	1 3/4"	1	WD	SEALED	A	HM	PAINTED	1.0	20 MIN.		1510
1957	1957	MEN TOILET	3' - 0"	7' - 0"	1 3/4"	1	WD	SEALED	A	HM	PAINTED	1.0			1957
1958	1958	WOMEN TOILET	3' - 0"	7' - 0"	1 3/4"	1	WD	SEALED	A	HM	PAINTED	1.0			1958
1960A	1960	MEN LOCKER	3' - 0"	7' - 0"	1 3/4"	1	WD	SEALED	A	HM	PAINTED	-		EXISTING DOOR AND HARDWARE TO BE REUSED	1960A
1960B	1960	MEN LOCKER	3' - 0"	7' - 0"	1 3/4"	1	WD	SEALED	A	HM	PAINTED	2.0			1960B
1962	1962	HALLWAY	3' - 0"	7' - 0"	1 3/4"	1	WD	SEALED	A	HM	PAINTED	2.0			1962
1963	1963	WOMEN LOCKER	3' - 0"	7' - 0"	1 3/4"	1	WD	SEALED	A	HM	PAINTED	-		EXISTING DOOR AND HARDWARE TO BE REUSED	1963



OPERATING DEVICE INSTALLATION MIN. & MAX. HEIGHTS

SOLID CORE WOOD DOOR

1



HOLLOW METAL FRAME, PAINTED

A

DOOR & FRAME NOTES

1. MATERIAL ABBREVIATIONS:
   WD = WOOD
   AL = ALUMINUM
   HM = HOLLOW METAL
2. SEE SPECIFICATION FOR HARDWARE GROUP DEFINITION
3. ALL HOLLOW METAL FRAMES OPENING TO THE EXTERIOR ARE TO BE GALVANIZED
4. ALL HOLLOW METAL DOORS OPENING TO THE EXTERIOR ARE TO BE INSULATED AND GALVANIZED
5. OVERALL ALUMINUM FRAME DIMENSIONS ARE GIVEN FOR REFERENCE. REFER TO DETAILS FOR JAMB AND SILL CONDITIONS. OVERALL DIMENSIONS ARE TO BE FIELD VERIFIED.
6. GENERAL CONTRACTOR TO COORDINATE WORK BETWEEN DOOR INSTALLER AND SECURITY SYSTEM INSTALLER
7. WHERE A DOOR IS SHOWN ON THE FLOORS PLANS BUT IS NOT NUMBERED AND/OR DOES NOT APPEAR IN THE DOOR SCHEDULE, THE FOLLOWING DOOR, FRAME AND HARDWARE ARE TO BE BID FOR THIS OPENING: DOOR TYPES **1**, FRAME TYPE **A**, HARDWARE TYPE **COORDINATE WITH ARCHITECT**.

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CONSTRUCTION DOCUMENTS

DOOR SCHEDULE + ELEVATIONS - NEW

A600

11/6/2025 11:17:27 AM

SYMBOL LEGEND - PIPING

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

SYMBOL	DESCRIPTION
	SHUT OFF VALVE
	GATE VALVE
	CHECK VALVE
	AUTOMATIC 2-WAY VALVE
	AUTOMATIC 3-WAY VALVE
	GLOBE VALVE
	BALL VALVE
	RELIEF VALVE
	PRESSURE REDUCING VALVE
	BUTTERFLY VALVE
	SOLENOID VALVE
	ANGLE VALVE
	VENTURI VALVE
	BALANCING OR PLUG COCK
	FLOW SETTER
	EXPANSION VALVE
	GAS COCK
MAV	MANUAL AIR VENT
	STRAINER
	GAUGE COCK
	FLEXIBLE CONNECTION
	PRESSURE GAUGE
	THERMOMETER
	PIPE REDUCER
	REFRIGERANT SITE GLASS
	REFRIGERANT STRAINER
	REFRIGERANT FILTER DRIER
	90 DEGREE ELBOW UP
	90 DEGREE ELBOW DOWN
	90 DEGREE TEE UP
	90 DEGREE TEE DOWN
	PIPE UNION
	PIPE CAP
	PIPE ANCHOR
	FLOAT AND THERMOSTATIC TRAP

SYMBOL LEGEND - MECH

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

SYMBOL	DESCRIPTION
	SQUARE OR RECTANGULAR SUPPLY DIFFUSER
	SQUARE OR RECTANGULAR RETURN DIFFUSER
	SQUARE OR RECTANGULAR EXHAUST DIFFUSER
	ROUND DIFFUSER
	LINEAR SLOT GRILLE OR DIFFUSER
	FLEXIBLE DUCT
	SIDEWALL GRILLE OR REGISTER
	DUCT HIGH EFFICIENCY TAKE OFF WITH BALANCING DAMPER
	BALANCING DAMPER
	FIRE DAMPER
	FIRE / SMOKE COMBINATION DAMPER
T S H	THERMOSTAT - SENSOR - HUMIDISTAT

SYMBOL LEGEND - DUCTWORK

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

SYMBOL	DESCRIPTION
	RECTANGULAR SUPPLY DUCT UP
	RECTANGULAR SUPPLY DUCT DOWN
	RECTANGULAR RETURN DUCT UP
	RECTANGULAR RETURN DUCT DOWN
	RECTANGULAR EXHAUST DUCT UP
	RECTANGULAR EXHAUST DUCT DOWN
	ROUND SUPPLY DUCT UP
	ROUND SUPPLY DUCT DOWN
	ROUND RETURN DUCT UP
	ROUND RETURN DUCT DOWN
	ROUND EXHAUST DUCT UP
	ROUND EXHAUST DUCT DOWN
	OVAL SUPPLY DUCT UP
	OVAL SUPPLY DUCT DOWN
	OVAL RETURN DUCT UP
	OVAL RETURN DUCT DOWN
	OVAL EXHAUST DUCT UP
	OVAL EXHAUST DUCT DOWN
	SPIRAL OVAL DUCT
	SPIRAL ROUND DUCT
	DUCT INSULATION
	DUCT LINING
	90° RECTANGULAR ELBOW WITH TURNING VANES
	90° ROUND RADIUS ELBOW
	GORED OVAL RADIUS ELBOW
	DUCT SIZE OR SHAPE TRANSITION
	DUCT TO BE DEMOLISHED

PIPING LEGEND

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

ABBREVIATION	DESCRIPTION
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CA	COMPRESSED AIR
CD	CONDENSATE DRAIN
C02	CARBON DIOXIDE
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
FP	FIRE PROTECTION
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL VENT
GR	GLYCOL RETURN
GS	GLYCOL SUPPLY
HPC	HIGH PRESSURE CONDENSATE
MPC	MEDIUM PRESSURE CONDENSATE
LPC	LOW PRESSURE CONDENSATE
HPS	HIGH PRESSURE STEAM
MPS	MEDIUM PRESSURE STEAM
LPS	LOW PRESSURE STEAM
HHWR	HEATING HOT WATER RETURN
HHWS	HEATING HOT WATER SUPPLY
LPG	LIQUID PROPANE GAS
MA	MEDICAL AIR
NG	NATURAL GAS
NO	NITROUS OXIDE
O	OXYGEN
PC	PUMPED CONDENSATE
RG	REFRIGERANT GAS
RL	REFRIGERANT LIQUID
SMR	SNOW MELT RETURN
SMS	SNOW MELT SUPPLY
VAC	VACUUM

SYMBOL LEGEND - MISC

REFERENCE LINES AND SYMBOLS

SYMBOL	DESCRIPTION
	VIEW OR DETAIL INDICATOR: # INDICATES DETAIL NUMBER, SHEET INDICATES DRAWING SHEET WHERE VIEW OR DETAIL IS SHOWN.
	ELEVATION OR SECTION INDICATOR: # INDICATES VIEW NUMBER, SHEET INDICATES DRAWING SHEET WHERE VIEW IS SHOWN.
NAME	ROOM / SPACE INDICATOR
#	KEYNOTE INDICATOR
#	REVISION INDICATOR
XX-##	PLUMBING FIXTURE INDICATOR
XX-##	EQUIPMENT INDICATOR
TAG CFM	REGISTER, GRILLE, OR DIFFUSER INDICATOR
OR	BREAKLINE
MATCH LINE SEE XX/XXX	MATCHLINE INDICATOR
	CONTRACT LIMIT LINE: DASHDOT, WIDE LINE
	NEW CONNECTION TO EXISTING
	POINT OF DEMOLITION

ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

(E)	EXISTING
(F)	FUTURE
AC	AIR CONDITION(-ING,-ED)
APD	AIR PRESSURE DROP
BD	BALANCING DAMPER
BHP	BRAKE HORSE POWER
BTU	BRITISH THERMAL UNIT
BTUH	BTU/HOUR
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CV	CONTROL VALVE
DB	DRY BULB TEMPERATURE
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RECIRC
DP	DEPTH, DEEP, OR DROP IN PRESSURE
EA	EXHAUST AIR
EER	ENERGY EFFICIENCY RATIO
EFF	EFFICIENCY
ELEC	ELECTRIC
ELEV	ELEVATION
ENT	ENTERING
EVAP	EVAPORAT(-E, -ING, -ED, -OR)
EWT	ENTERING WATER TEMPERATURE
EXT	EXTERNAL
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FPI	FINS PER INCH
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FSD	FIRE SMOKE DAMPER
GE	GREASE EXHAUST
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HD	HEAD
HG	MERCURY
HP	HORSEPOWER
HR	HOUR
HTG	HEATING
HZ	HERTZ (FREQUENCY)
IN	INCH
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LH	LATENT HEAT
LRA	LOCKED ROTOR AMPS
LVG	LEAVING
LWT	LEAVING WATER TEMPERATURE
MBH	THOUSAND BTU PER HOUR
MCA	MINIMUM CIRCUIT AMPS
MFR	MANUFACTUR(-ER, -ED)
NC	NORMALLY CLOSED OR NOISE CRITERIA
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NPSH	NET POSITIVE SUCTION HEAD
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OD	OUTSIDE DIAMETER
OZ	OUNCE
PD	PRESSURE DROP OR DIFFERENCE
PG	PROPOLENE GLYCOL
PH	PHASE
PPM	PARTS PER MILLION
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIA	PSI ABSOLUTE
PSIG	PSI GAUGE
RA	RETURN AIR
RECIRC	RECIRCULATE (-ER, -ED, -ING)
REFR	REFRIGERATION
REQD	REQUIRED
RLA	RATED LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SCFM	STANDARD CUBIC FEET PER MINUTE
SCW	SOFT COLD WATER
SH	SENSIBLE HEAT
SP	STATIC PRESSURE
SPEC(S)	SPECIFICATION(S)
SQ	SQUARE
SS	SANITARY SEWER, SOIL, WASTE
STD	STANDARD
TA	TRANSFER AIR
TD	TEMP. DROP OR DIFF.
TEMP	TEMPERATURE
TOT	TOTAL
TSTAT	THERMOSTAT
TYP	TYPICAL
V	VOLT, VOLTAGE OR VENT
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VEL	VELOCITY
VENT	VENT, VENTILATION
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VOL	VOLUME
VTR	VENT THROUGH ROOF
WB	WET BULB TEMP
WC	WATER COLUMN
WG	WATER GAUGE
WPD	WATER PRESSURE DROP
WTR	WATER

MECHANICAL GENERAL NOTES

1. THE MECHANICAL DRAWINGS SHOW THE GENERAL DESIGN, ARRANGEMENT, & EXTENT OF THE MECHANICAL SYSTEM. BECAUSE OF THE SMALL SCALE OF THE DRAWINGS, THESE DRAWINGS DO NOT SHOW ALL OFFSETS, BENDS, OR ELBOWS NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. CONTRACTOR SHALL MAKE ALTERATIONS AS MAY BE NECESSARY TO MAKE THE SYSTEM COMPLETE & OPERATIONAL IN ACCORDANCE WITH THE DESIGN INTENT.
2. MAJOR DEVIATIONS SUCH AS CHANGES IN SIZES, WEIGHTS, QUANTITIES, OR MATERIAL REQUIRE PRIOR APPROVAL BY THE DESIGN ENGINEER.
3. THE DRAWINGS & SPECIFICATIONS HAVE BEEN PREPARED TO SUPPLEMENT EACH OTHER & SHALL BE INTERPRETED AS AN INTEGRAL UNIT WITH THE ITEMS SHOWN ON ONE & NOT THE OTHER BEING FURNISHED & INSTALLED AS THOUGH SHOWN AND CALLED OUT IN BOTH DOCUMENTS.
4. THE ENTIRE MECHANICAL INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE MOST RECENTLY ADOPTED BUILDING CODES, MECHANICAL CODE, PLUMBING CODE, ELECTRICAL CODE, & ALL OTHER APPLICABLE CITY, COUNTY, STATE, & FEDERAL CODES & REGULATIONS IN EFFECT.
5. THE ENTIRE MECHANICAL INSTALLATION SHALL CONFORM TO ALL CODES, RULES, REGULATIONS, & REQUIREMENTS OF THE BUILDING OWNER.
6. ALL MECHANICAL COMPONENTS AND EQUIPMENT SHALL BE INSTALLED TO CONFORM WITH ANY APPLICABLE LOCAL SEISMIC REQUIREMENTS.
7. PRIOR TO FABRICATION & INSTALLATION OF ANY MECHANICAL COMPONENT THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL MECHANICAL WORK WITH ALL OTHER BUILDING TRADES, INCLUDING BUILDING TRADES HIRED DIRECTLY BY THE OWNER. WHERE CONFLICTS MAY OCCUR, THEY SHALL BE RESOLVED PRIOR TO INSTALLATION.
8. VERIFY ALL REQUIRED SERVICE CONNECTIONS, INCLUDING ELECTRICAL CHARACTERISTICS, FOR ALL EQUIPMENT PRIOR TO ORDERING OR FABRICATING MECHANICAL EQUIPMENT AND COMPONENTS.
9. THE SPACE ABOVE CEILINGS IS LIMITED. CAREFUL COORDINATION IS REQUIRED WITH ALL TRADES BEFORE ANY PIPE, DUCT, OR EQUIPMENT IS ORDERED &/OR INSTALLED. ANY CONFLICTS &/OR CHANGES FOUND DURING INSTALLATION THAT RESULTS FROM THE LACK OF COORDINATION BY THE CONTRACTORS DURING THE SHOP DRAWING PROCESS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
10. ALL MECHANICAL INFORMATION IS NOT SHOWN ON THE MECHANICAL DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL INFORMATION ON ALL OTHER CONSTRUCTION DOCUMENTS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW & USE, WHERE APPROPRIATE, ALL THE MECHANICAL DETAILS SHOWN ON THE DRAWINGS. DETAILS MAY OR MAY NOT BE CALLED OUT ON THE DRAWINGS WITH SYMBOLS OR KEYED NOTES. ANY CHANGES RESULTING FROM FAILURE TO INSTALL THE MECHANICAL SYSTEM WITHOUT USING THE INCLUDED DETAILS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
12. ALL EQUIPMENT SHALL BE INDEPENDENTLY SUPPORTED FROM STRUCTURAL MEMBERS. STRUCTURAL ELEMENTS SHOWN IN DETAILS MAY OR MAY NOT PERTAIN TO ANY PORTION OF THE BUILDING. COORDINATE ALL MOUNTING REQUIREMENTS WITH ARCHITECTURAL & STRUCTURAL DRAWINGS AND SPECIFICATIONS.
13. ALL MECHANICAL COMPONENTS AND EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH ALL MANUFACTURER RECOMMENDATIONS.
14. ALL SIMILAR EQUIPMENT SHALL BE OF THE SAME MANUFACTURER. AIR INLETS & OUTLETS OF SIMILAR TYPES SHALL BE OF THE SAME MANUFACTURER.
15. ANY PART OF THE MECHANICAL INSTALLATION THAT FAILS, IS DEEMED UNFIT, OR BECOMES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EQUIPMENT CHECK-IN, SAFEKEEPING, & DAMAGE.
16. COORDINATE WITH ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING DIFFUSERS & GRILLES.
17. CONTRACTOR SHALL OPERATE INSTALLED &/OR MODIFIED SYSTEMS & DEMONSTRATE ALL ASPECTS OF THE SYSTEM TO THE ENGINEER &/OR OWNER TO PROVE ALL ASSOCIATED SYSTEMS ARE OPERATIONAL.
18. DURING CONSTRUCTION THE CONTRACTOR SHALL MAINTAIN A SET OF AS-BUILT REDLINED RECORD DRAWINGS AT THE PROJECT SITE. ALL CHANGES OR DEVIATIONS IN LAYOUT, ROUTING, EQUIPMENT, COMPONENTS, & ACCESSORIES SHALL BE RECORDED. THESE REDLINED DRAWINGS SHALL BE GIVEN TO THE ARCHITECT / ENGINEER AFTER THE FINAL INSPECTION IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
19. ALL DUCT ELBOWS SHALL BE LONG RADIUS, UNLESS NOTED OTHERWISE.

DEFINITIONS

NOTE: ALL DEFINITIONS MAY NOT BE USED.

INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.

DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.

APPROVED: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.

FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."

INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."

PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."

INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.

MECHANICAL SHEET INDEX

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VCBO NUMBER: 25260.00
DATE: 11/06/2025

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CONSTRUCTION DOCUMENTS

MECHANICAL COVER SHEET

ME001

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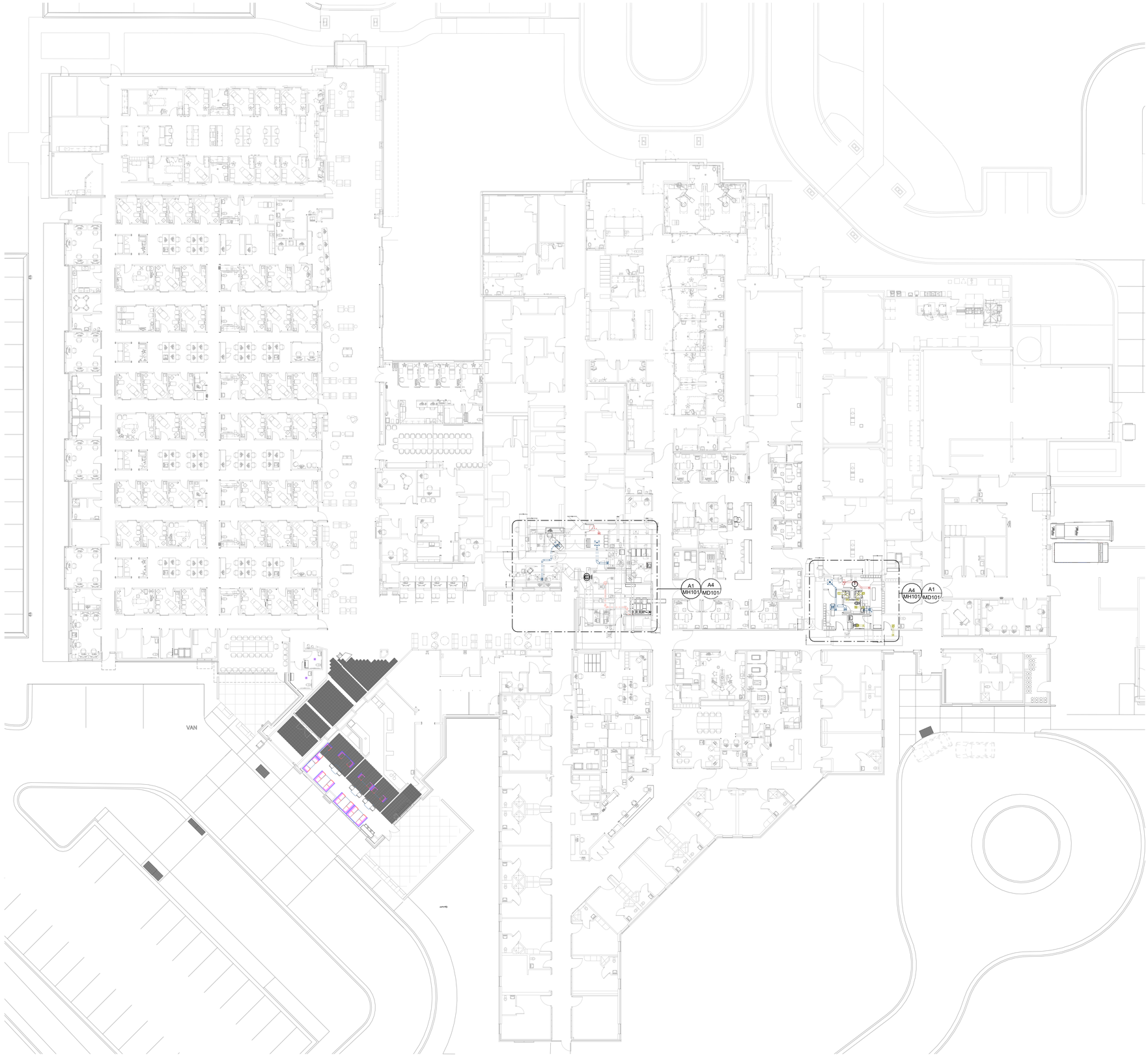

A1 LEVEL 1 MECHANICAL PLAN

SCALE: 1/16" = 1'-0"

TRUE NORTH

PROJECT NORTH

MECHANICAL GENERAL NOTES

1. ALL EQUIPMENT TO BE SELECTED BASED OFF OF SITE INFORMATION. INCLUDING CURBS EQUAL TO OR GREATER THAN DESIGN SNOW DEPTH. ELEVATION: SDB: SWB: WDB: DESIGN SNOW DEPTH:
2. THIS CONTRACTOR SHALL CLOSELY COORDINATE MECHANICAL AND PLUMBING WITH ELECTRICAL, ARCHITECTURAL, AND BUILDING STRUCTURE.
3. ALL SUPPLY AND RETURN DUCTWORK TO BE EXTERNALLY WRAPPED WITH INSULATION WITH AN R-VALUE OF R-6.
4. ALL MEDIUM PRESSURE DUCTWORK TO BE 1" DOUBLE WALL WITH NON-PERFORATED INTERIOR DUCTWORK.
5. ALL DUCT DIMENSIONS ARE INSIDE CLEAR DIMENSIONS.
6. FLEXIBLE DUCT MAY BE USED AT FINAL TERMINATION OF DUCT TO DIFFUSER OR GRILLE. MAXIMUM FLEXIBLE DUCT LENGTH IS 5'-0". PROVIDE DUCT SUPPORTS EVERY 3 FEET. FLEX DUCT SHALL NOT BE COMPRESSED OR KINKED BY ANY OBJECTS SUCH AS STRUCTURE, PIPING, ETC.
7. PROVIDE BALANCING DAMPER WITH LOCKING QUADRANT IN EACH DUCT BRANCH OF SUPPLY AND EXHAUST DUCTWORK.
8. PROVIDE REMOTE CABLE OPERATED DAMPER SYSTEM FOR ALL DUCTWORK ABOVE HARD LID CEILINGS OR WHERE DAMPER IS INACCESSIBLE OR PROVIDE OPPOSED BLADE DAMPER WITH NYLON BUSHINGS AT GRILLE.
9. PROVIDE ACCESS DOORS FOR ALL SERVICEABLE EQUIPMENT OR VALVES ABOVE HARD LID CEILINGS OR IN WALLS. ALL ACCESS PANELS ARE TO BE PAINTED TO MATCH ADJACENT SURFACES.
10. MECHANICAL CONTRACTOR TO HIRE NEBB OR AABC CERTIFIED THIRD PARTY TEST AND BALANCE (TAB) CONTRACTOR. TAB CONTRACTOR SHALL ADJUST SHEAVES, BELTS, DAMPERS, ETC AS NECESSARY TO BALANCE SYSTEM TO AIRFLOWS REQUIRED AT LOWEST POSSIBLE SPEEDS. TAB CONTRACTOR SHALL VERIFY THE OUTSIDE AIR AT EACH RTU IS AS SCHEDULED. FOLLOW PROCEDURES AS LAID FORTH IN THE CURRENT VERSION OF "PROCEDURAL STANDARDS FOR TESTING ADJUSTING AND BALANCING OF ENVIRONMENTAL SYSTEMS" BY NEBB. PROVIDE REPORT ON NEBB FORMS TO ENGINEER FOR REVIEW.
11. THIS CONTRACTOR SHALL ENGAGE A FIRE PROTECTION DESIGN BUILD CONTRACTOR TO MODIFY THE EXISTING FIRE SPRINKLER SYSTEM. DESIGNER SHALL BE NICET LEVEL III TECHNICIAN. WORKING PLANS AND CALCULATIONS SHALL BE PREPARED ACCORDING TO NFPA 13, AND BE APPROVED BY AUTHORITIES HAVING JURISDICTION, INCLUDING HYDRAULIC CALCULATIONS IF APPLICABLE.
12. PROVIDE TEMPORARY NEGATIVE PRESSURE UNIT DURING CONSTRUCTION. COORDINATE LOCATION WITH OWNER.
13. CONTROLS TO MATCH EXISTING SIEMENS CONTROLS. TIE INTO EXISTING SIEMENS CONTROLS DDC SYSTEM AND UPDATED GRAPHICS. PROVIDE ENGINEER WITH 2 WEEKS OF TRENDS SHOWING PROPER OPERATION OF EQUIPMENT UPON COMPLETION OF PROJECT. TRENDING DATA SHALL INCLUDE THE FOLLOWING DATA AT A MINIMUM: SPACE TEMPERATURE, SPACE SET POINT, HEATING OR COOLING MODE, AIR FLOW (FOR VAV SYSTEMS), & VALVE POSITION (FOR VAV SYSTEMS). SEE SEQUENCE OF OPERATIONS AND CONTROLS REQUIREMENTS ON SCHEDULE SHEET/SPECIFICATIONS.
14. COORDINATE EXACT THERMOSTAT LOCATIONS WITH FURNITURE AND OWNER. FAILURE TO DO SO MAY REQUIRE MOVING THERMOSTATS AT CONTRACTORS COST.
15. CONTRACTOR SHALL FIELD VERIFY EXISTING FIELD CONDITIONS PRIOR TO ORDERING OR FABRICATING. ADDITIONAL COST WILL NOT BE ALLOWED FOR CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH EXISTING SITE CONDITIONS.
16. INSULATE ALL REFRIGERANT PIPING BY FULLY ENCLOSING PIPING IN INSULATION AND PROVIDING SEALED VAPOR BARRIER. ALL CHILLED WATER OR REFRIGERANT PIPING 2" OR SMALLER SHALL BE INSULATED WITH CLOSED-CELL ELASTOMER RUBBER INSULATION. ANY INSULATION EXPOSED TO THE ELEMENTS OR SUNLIGHT SHALL BE UV RESISTANT. ALL PIPING OVER 2" SHALL BE INSULATED WITH RESIN-BONDED FIBERGLASS WITH A FOIL AND KRAFT PAPER VAPOR BARRIER. INSULATION IS SUBJECT TO INSPECTION BY COMMISSIONING AGENT AND OR ENGINEER FOR COMPLIANCE.
17. BALL VALVES SHALL BE FULL PORT WITH BRONZE BODY AND BRASS BALL. PROVIDE WITH HANDLE/STEM EXTENSIONS FOR PROPER FUNCTION WHEN FULLY INSULATED. EXTENSIONS TO BE SEALED AND VAPOR PROOF.
18. INSTALL INSULATION OVER FITTINGS, VALVES, STRAINERS, FLANGES, UNIONS, AND OTHER SPECIALTIES WITH CONTINUOUS THERMAL AND VAPOR-RETARDER INTEGRITY. STRAINERS, CONTROL VALVES, AND BALANCING VALVES SHALL HAVE REMOVABLE INSULATION WITH LABEL INDICATED WHAT TYPE OF PIPE ACCESSORY IS BELOW INSULATION. INSULATION SHALL NOT IMPEDE PROPER OPERATION OF ACCESSORY.
19. PROVIDE FACTORY AUTHORIZED STARTUP OF ALL EQUIPMENT INCLUDING STARTUP OF ANY FACTORY CONTROLS TO ENSURE PROPER SEQUENCING AND/OR COMMUNICATION TO BMS.
20. WHERE JURISDICTION REQUIRES, CONTRACTOR IS RESPONSIBLE FOR PROVIDING SEISMIC RESTRAINT AND SUPPORT ENGINEERED BY A LICENSED STRUCTURAL ENGINEER. PROVIDE DESIGN DRAWINGS TO AUTHORITY HAVING JURISDICTION AND MECHANICAL ENGINEER FOR REVIEW.
21. MECHANICAL PIPING SCHEDULE:
    A. HYDRONIC PIPING OVER 3" = SCHEDULE 40 STEEL PIPE - WROUGHT STEEL FITTINGS WELDED JOINTS OR POLYPROPYLENE FUSION WELDED
    B. REFRIGERANT PIPING = ACR TYPE L - BRAZED

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VCBO NUMBER: 25260.00
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REV DATE DESCRIPTION

INTERMOUNTAIN HEBER VALLEY HOSPITAL

1485 U.S. HWY 40, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

LEVEL 1 OVERALL MECHANICAL PLAN

MH100

11/6/2025 3:09:43 PM

SHEET KEYNOTES

1 REMOVE EXISTING DUCTWORK BACK TO MAIN IN CORRIDOR. APPROXIMATE DISTANCE: 15'.

2 REMOVE EXISTING RETURN DUCT BACK TO MAIN. CAP AND SEAL.

3 EXISTING VAV BOX TO REMAIN.

4 RELOCATE EXISTING THERMOSTAT SERVING LIEBERT UNIT.

5 REMOVE EXISTING CRAC UNIT AND ASSOCIATED CONDENSING UNIT ON ROOF. PATCH AND SEAL ROOF PENETRATION PER ROOF MANUFACTURER'S WARRANTY REQUIREMENTS. MODIFICATIONS TO LIGHTS, CONDUIT AND DATA CABLES WILL BE REQUIRED TO REMOVE FAN COIL UNIT. REMOVE ASSOCIATED THERMOSTAT.

6 REMOVE AND RELOCATE EXISTING FAN COIL UNIT.

7 REMOVE EXISTING BRANCH BACK TO MAINS. CAP AND SEAL.

8 REMOVE EXISTING GRILLE.

9 REMOVE EXISTING HYDRONIC PIPING BACK TO MAINS. CAP AND SEAL.

MECHANICAL GENERAL NOTES

1. ALL EQUIPMENT TO BE SELECTED BASED OFF OF SITE INFORMATION, INCLUDING CURBS EQUAL TO OR GREATER THAN DESIGN SNOW DEPTH. ELEVATION: 5700' SDB: 105F SWB: 62F WDB: 0F DESIGN SNOW DEPTH: 18"
2. THIS CONTRACTOR SHALL CLOSELY COORDINATE MECHANICAL AND PLUMBING WITH ELECTRICAL, ARCHITECTURAL, AND BUILDING STRUCTURE.
3. ALL SUPPLY AND RETURN DUCTWORK TO BE EXTERNALLY WRAPPED WITH INSULATION WITH AN R-VALUE OF R-6.
4. ALL MEDIUM PRESSURE DUCTWORK TO BE 1" DOUBLE WALL WITH NON-PERFORATED INTERIOR DUCTWORK.
5. ALL DUCT DIMENSIONS ARE INSIDE CLEAR DIMENSIONS.
6. FLEXIBLE DUCT MAY BE USED AT FINAL TERMINATION OF DUCT TO DIFFUSER OR GRILLE. MAXIMUM FLEXIBLE DUCT LENGTH IS 5'-0". PROVIDE DUCT SUPPORTS EVERY 3 FEET. FLEX DUCT SHALL NOT BE COMPRESSED OR KINKED BY ANY OBJECTS SUCH AS STRUCTURE, PIPING, ETC.
7. PROVIDE BALANCING DAMPER WITH LOCKING QUADRANT IN EACH DUCT BRANCH OF SUPPLY AND EXHAUST DUCTWORK.
8. PROVIDE REMOTE CABLE OPERATED DAMPER SYSTEM FOR ALL DUCTWORK ABOVE HARD LID CEILINGS OR WHERE DAMPER IS INACCESSIBLE OR PROVIDE OPPOSED BLADE DAMPER WITH NYLON BUSHINGS AT GRILLE.
9. PROVIDE ACCESS DOORS FOR ALL SERVICEABLE EQUIPMENT OR VALVES ABOVE HARD LID CEILINGS OR IN WALLS. ALL ACCESS PANELS ARE TO BE PAINTED TO MATCH ADJACENT SURFACES.
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12. PROVIDE TEMPORARY NEGATIVE PRESSURE UNIT DURING CONSTRUCTION. COORDINATE LOCATION WITH OWNER.
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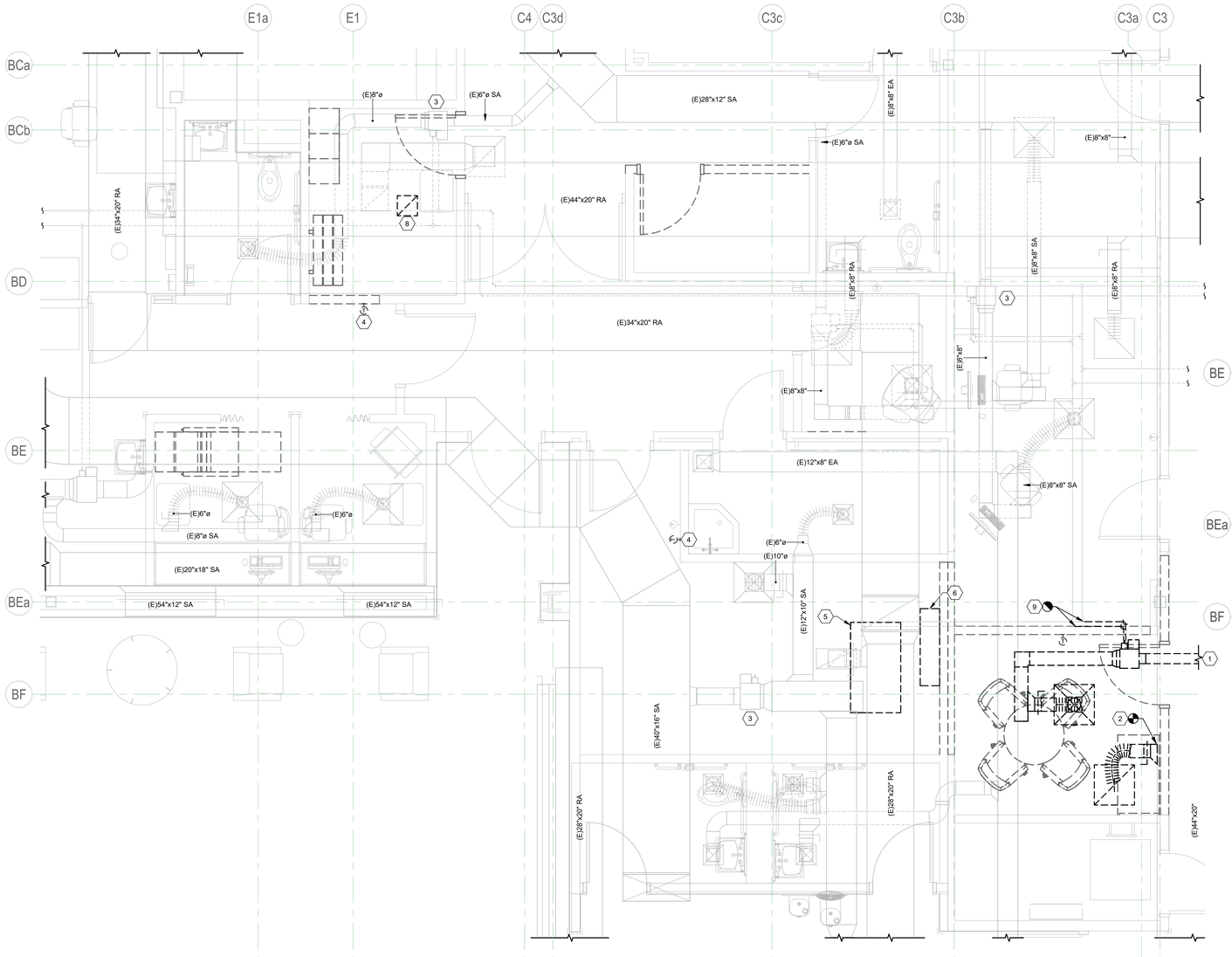
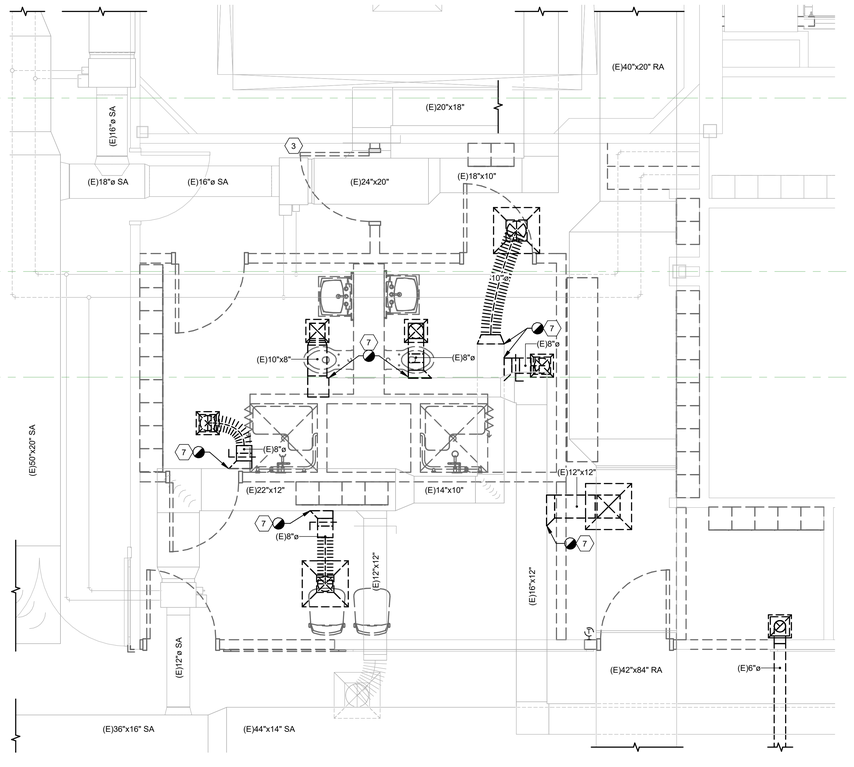
21. MECHANICAL PIPING SCHEDULE:
    A. HYDRONIC PIPING 3" AND UNDER = TYPE L COPPER - BRAZED JOINTS
    B. REFRIGERANT PIPING = ACR TYPE L - BRAZED





A1 LEVEL 1 AREA B MECHANICAL DEMOLITION PLAN
SCALE: 3/8" = 1'-0"

TRUE NORTH PROJECT NORTH

A4 LEVEL 1 AREA A MECHANICAL DEMOLITION PLAN
SCALE: 3/8" = 1'-0"

TRUE NORTH PROJECT NORTH

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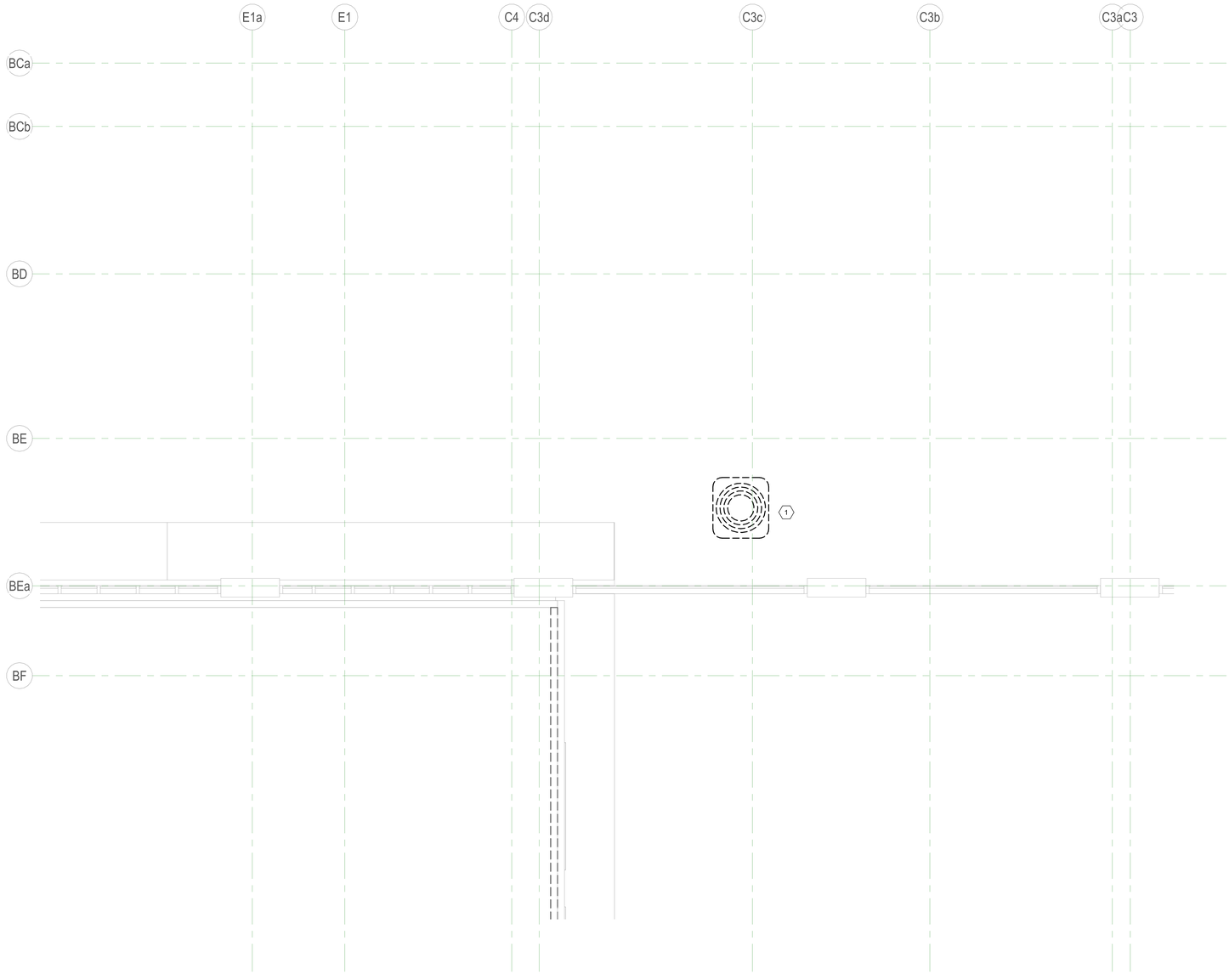
CONSTRUCTION DOCUMENTS

LEVEL 1 MECHANICAL DEMO PLAN

MD101

11/6/2025 3:09:46 PM



SHEET KEYNOTES

1 REMOVE EXISTING CONDENSING UNIT SERVING CRAC UNIT IN TDR ROOM. PATCH AND SEAL ROOF PENETRATIONS PER ROOF MANUFACTURES WARRANTY REQUIREMENTS.

MECHANICAL GENERAL NOTES

1. ALL EQUIPMENT TO BE SELECTED BASED OFF OF SITE INFORMATION, INCLUDING CURBS EQUAL TO OR GREATER THAN DESIGN SNOW DEPTH. ELEVATION: 5700' SDB: 105F SWB: 62F WDB: 0F DESIGN SNOW DEPTH: 18"
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21. MECHANICAL PIPING SCHEDULE:
    A. HYDRONIC PIPING 3" AND UNDER = TYPE L COPPER - BRAZED JOINTS
    B. REFRIGERANT PIPING = ACR TYPE L - BRAZED

TRUE NORTH

PROJECT NORTH

A1 ROOF MECHANICAL DEMO PLAN

SCALE: 3/8" = 1'-0"

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1485 U.S. HWY 40, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

ROOF MECHANICAL DEMO PLAN

MD102

11/6/2025 3:09:48 PM

SHEET KEYNOTES

1. BALANCE EXISTING SUPPLY DIFFUSERS WITHIN ADJOINING SPACE TO 250 CFM (TYP. 2).
2. RELOCATE EXISTING THERMOSTAT. COORDINATE FINAL LOCATION WITH ARCHITECT.
3. CONNECT NEW DUCTWORK TO EXISTING DUCT. CONTRACTOR TO FIELD VERIFY LOCATION.
4. BALANCE RETURN DIFFUSER WITHIN SPACE TO 725 CFM.
5. RELOCATE EXISTING FAN COIL UNIT. TIE INTO EXISTING CONDENSATE SERVING PREVIOUS LOCATION.
6. CONNECT NEW CONDENSATE TO EXISTING LINE.
7. EXISTING VAV BOX TO REMAIN.
8. COORDINATE AFTER HOURS WORK WITH CONTRACTOR.
9. CONNECT NEW DUCTWORK TO EXISTING RETURN DUCT.
10. BALANCE EXISTING SUPPLY DIFFUSERS WITHIN ADJOINING SPACE TO 300 CFM.
11. NEW THERMOSTAT TO SERVE NEW CRAC UNIT.
12. PROVIDE NEW THERMOSTAT SERVING EXISTING VAV BOX IN TDR ROOM.
13. REBALANCE EXISTING DIFFUSER.

MECHANICAL GENERAL NOTES

1. ALL EQUIPMENT TO BE SELECTED BASED OFF OF SITE INFORMATION, INCLUDING CURBS EQUAL TO OR GREATER THAN DESIGN SNOW DEPTH. ELEVATION: 5700' SDB: 105F SWB: 62F WDB: 0F DESIGN SNOW DEPTH: 18"
2. THIS CONTRACTOR SHALL CLOSELY COORDINATE MECHANICAL AND PLUMBING WITH ELECTRICAL, ARCHITECTURAL, AND BUILDING STRUCTURE.
3. ALL SUPPLY AND RETURN DUCTWORK TO BE EXTERNALLY WRAPPED WITH INSULATION WITH AN R-VALUE OF R-6.
4. ALL MEDIUM PRESSURE DUCTWORK TO BE 1" DOUBLE WALL WITH NON-PERFORATED INTERIOR DUCTWORK.
5. ALL DUCT DIMENSIONS ARE INSIDE CLEAR DIMENSIONS.
6. FLEXIBLE DUCT MAY BE USED AT FINAL TERMINATION OF DUCT TO DIFFUSER OR GRILLE. MAXIMUM FLEXIBLE DUCT LENGTH IS 5'-0". PROVIDE DUCT SUPPORTS EVERY 3 FEET. FLEX DUCT SHALL NOT BE COMPRESSED OR KINKED BY ANY OBJECTS SUCH AS STRUCTURE, PIPING, ETC.
7. PROVIDE BALANCING DAMPER WITH LOCKING QUADRANT IN EACH DUCT BRANCH OF SUPPLY AND EXHAUST DUCTWORK.
8. PROVIDE REMOTE CABLE OPERATED DAMPER SYSTEM FOR ALL DUCTWORK ABOVE HARD LID CEILINGS OR WHERE DAMPER IS INACCESSIBLE OR PROVIDE OPPOSED BLADE DAMPER WITH NYLON BUSHINGS AT GRILLE.
9. PROVIDE ACCESS DOORS FOR ALL SERVICEABLE EQUIPMENT OR VALVES ABOVE HARD LID CEILINGS OR IN WALLS. ALL ACCESS PANELS ARE TO BE PAINTED TO MATCH ADJACENT SURFACES.
10. MECHANICAL CONTRACTOR TO HIRE NEBB OR AABC CERTIFIED THIRD PARTY TEST AND BALANCE (TAB) CONTRACTOR. TAB CONTRACTOR SHALL ADJUST BELTS, DAMPERS, ETC AS NECESSARY TO BALANCE SYSTEM TO AIRFLOWS REQUIRED AT LOWEST POSSIBLE SPEEDS. FOLLOW PROCEDURES AS LAID FORTH IN THE CURRENT VERSION OF "PROCEDURAL STANDARDS FOR TESTING ADJUSTING AND BALANCING OF ENVIRONMENTAL SYSTEMS" BY NEBB. PROVIDE REPORT ON NEBB FORMS TO ENGINEER FOR REVIEW.
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15. CONTRACTOR SHALL FIELD VERIFY EXISTING FIELD CONDITIONS PRIOR TO ORDERING OR FABRICATING. ADDITIONAL COST WILL NOT BE ALLOWED FOR CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH EXISTING SITE CONDITIONS.
16. INSULATE ALL REFRIGERANT PIPING BY FULLY ENCLOSING PIPING IN INSULATION AND PROVIDING SEALED VAPOR BARRIER. ALL REFRIGERANT PIPING 2" OR SMALLER SHALL BE INSULATED WITH CLOSED-CELL ELASTOMER RUBBER INSULATION. ANY INSULATION EXPOSED TO THE ELEMENTS OR SUNLIGHT SHALL BE UV RESISTANT. INSULATION IS SUBJECT TO INSPECTION BY COMMISSIONING AGENT AND OR ENGINEER FOR COMPLIANCE.
17. BALL VALVES SHALL BE FULL PORT WITH BRONZE BODY AND BRASS BALL. PROVIDE WITH HANDLE/STEM EXTENSIONS FOR PROPER FUNCTION WHEN FULLY INSULATED. EXTENSIONS TO BE SEALED AND VAPOR PROOF.
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    A. HYDRONIC PIPING 3" AND UNDER = TYPE L COPPER - BRAZED JOINTS
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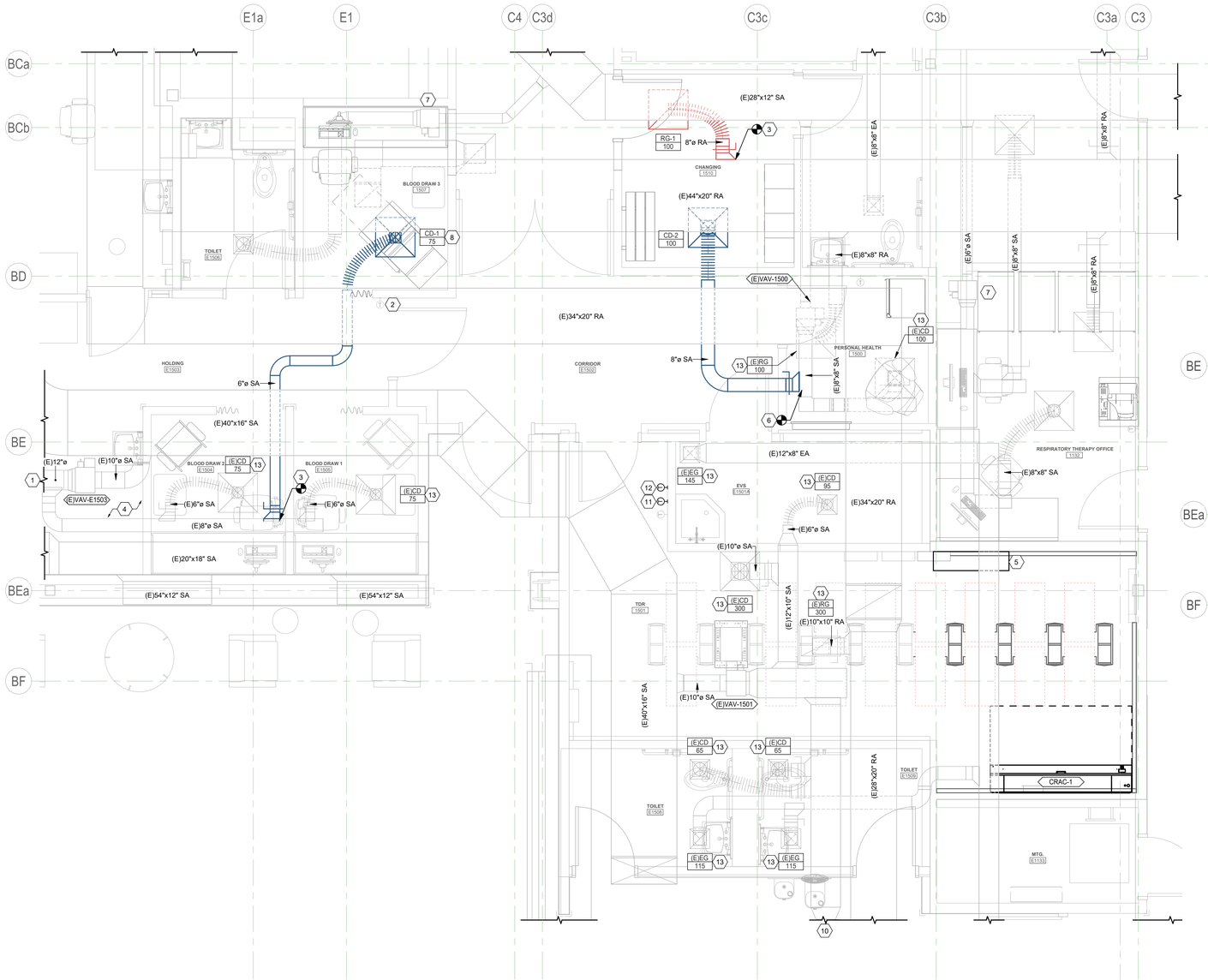
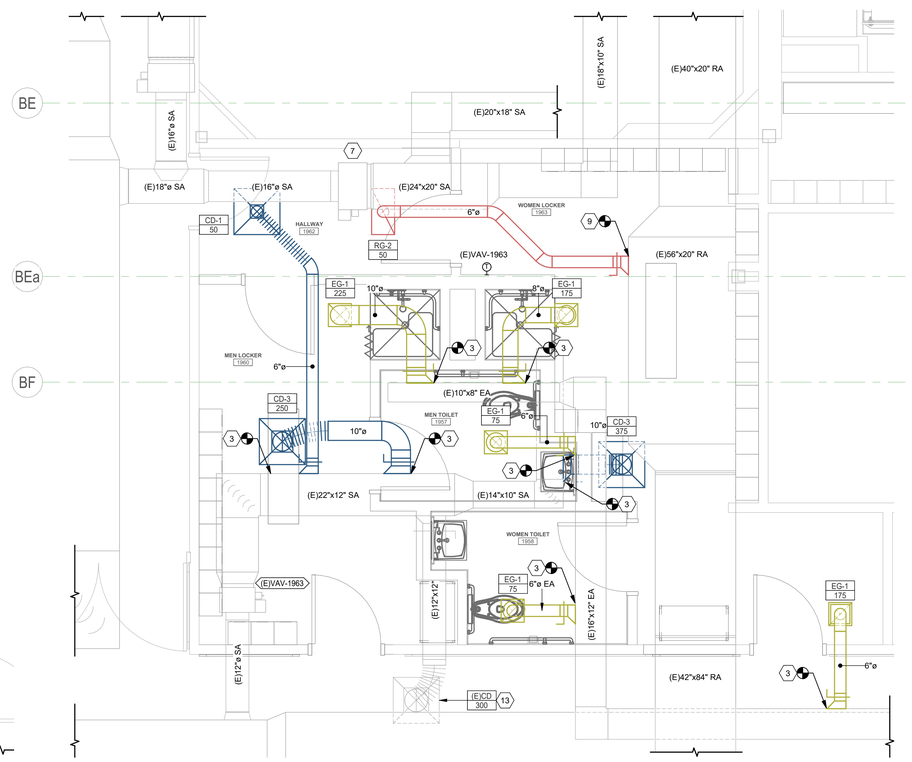


A1 LEVEL 1 AREA B MECHANICAL PLAN

A1/MH100 SCALE: 3/8" = 1'-0"



A4 LEVEL 1 AREA A MECHANICAL PLAN

A1/MH100 SCALE: 3/8" = 1'-0"

TRUE NORTH / PROJECT NORTH

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VCBO NUMBER: 25260.00
DATE: 11/06/2025

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11/06/2025
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REV	DATE	DESCRIPTION

INTERMOUNTAIN HEBER VALLEY HOSPITAL

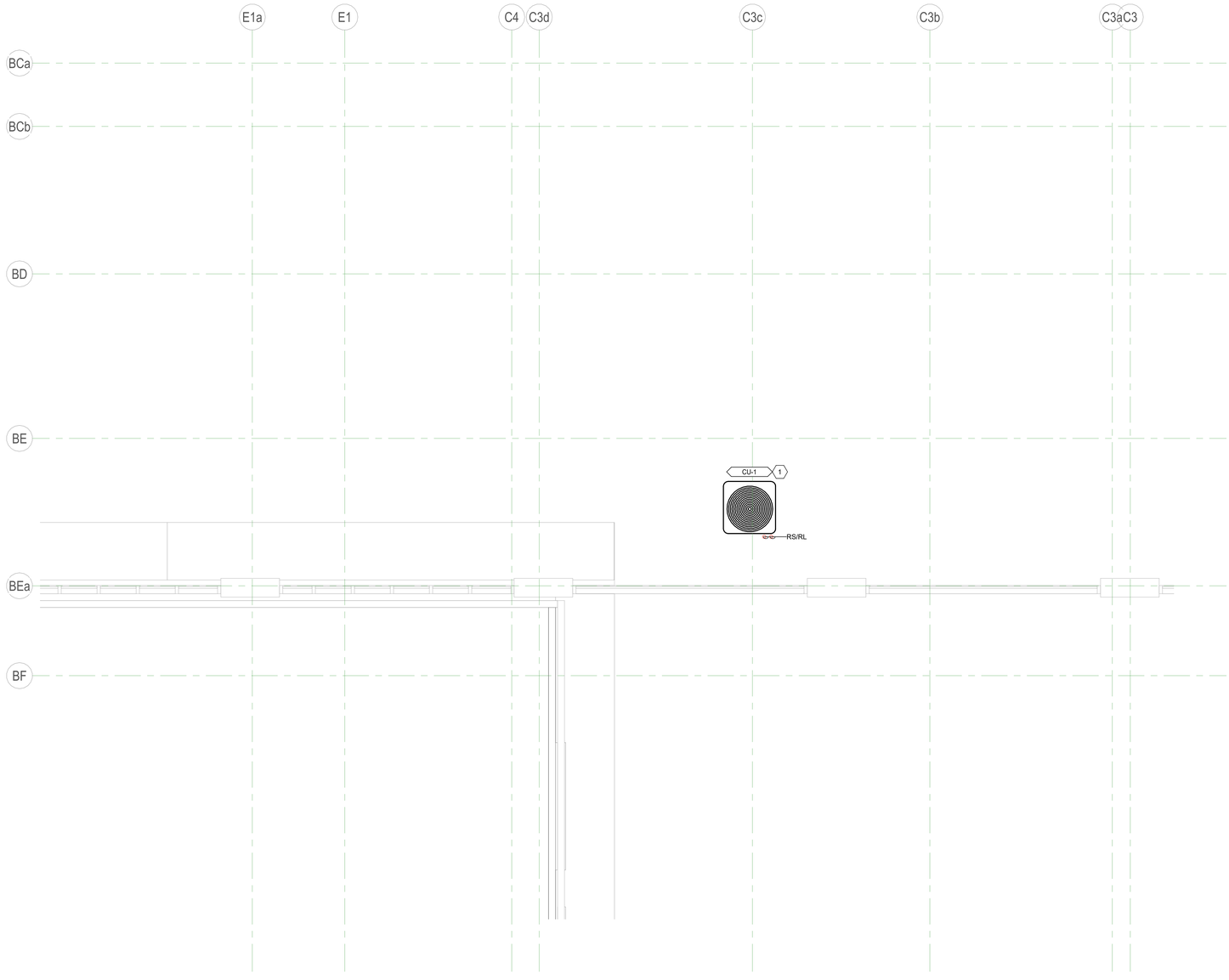
1485 U.S. HWY 40, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

LEVEL 1 MECHANICAL PLAN

MH101

11/6/2025 3:09:50 PM



SHEET KEYNOTES

1 REMOVE EXISTING CONDENSING UNIT SERVING CRAC UNIT IN TDR ROOM. PATCH AND SEAL ROOF PENETRATIONS PER ROOF MANUFACTURES WARRANTY REQUIREMENTS.

MECHANICAL GENERAL NOTES

1. ALL EQUIPMENT TO BE SELECTED BASED OFF OF SITE INFORMATION, INCLUDING CURBS EQUAL TO OR GREATER THAN DESIGN SNOW DEPTH. ELEVATION: 5700' SDB: 105F SWB: 62F WDB: 0F DESIGN SNOW DEPTH: 18"
2. THIS CONTRACTOR SHALL CLOSELY COORDINATE MECHANICAL AND PLUMBING WITH ELECTRICAL, ARCHITECTURAL, AND BUILDING STRUCTURE.
3. ALL SUPPLY AND RETURN DUCTWORK TO BE EXTERNALLY WRAPPED WITH INSULATION WITH AN R-VALUE OF R-6.
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5. ALL DUCT DIMENSIONS ARE INSIDE CLEAR DIMENSIONS.
6. FLEXIBLE DUCT MAY BE USED AT FINAL TERMINATION OF DUCT TO DIFFUSER OR GRILLE. MAXIMUM FLEXIBLE DUCT LENGTH IS 5'-0". PROVIDE DUCT SUPPORTS EVERY 3 FEET. FLEX DUCT SHALL NOT BE COMPRESSED OR KINKED BY ANY OBJECTS SUCH AS STRUCTURE, PIPING, ETC.
7. PROVIDE BALANCING DAMPER WITH LOCKING QUADRANT IN EACH DUCT BRANCH OF SUPPLY AND EXHAUST DUCTWORK.
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TRUE NORTH

PROJECT NORTH

A1 ROOF MECHANICAL PLAN

SCALE: 3/8" = 1'-0"

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REV DATE DESCRIPTION

INTERMOUNTAIN HEBER VALLEY HOSPITAL

1485 U.S. HWY 40, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

ROOF MECHANICAL PLAN

MH102

11/6/2025 3:09:50 PM

SHEET KEYNOTES

1 EXISTING VAV BOX TO REMAIN.

2 ROUTE REFRIGERANT LINES TO CONDENSING UNIT ON ROOF. LINE SIZES MY MANUFACTURER.

MECHANICAL GENERAL NOTES

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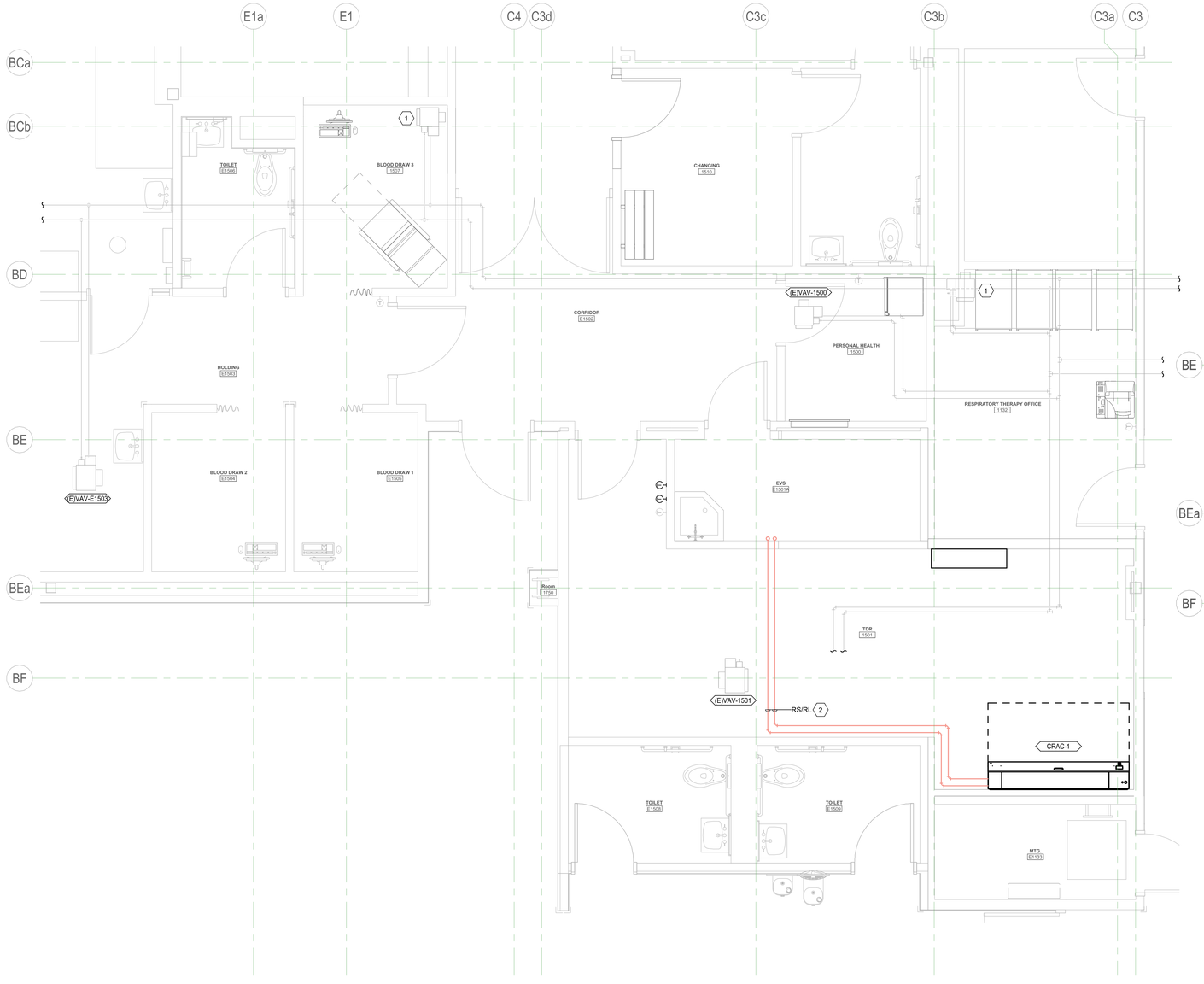
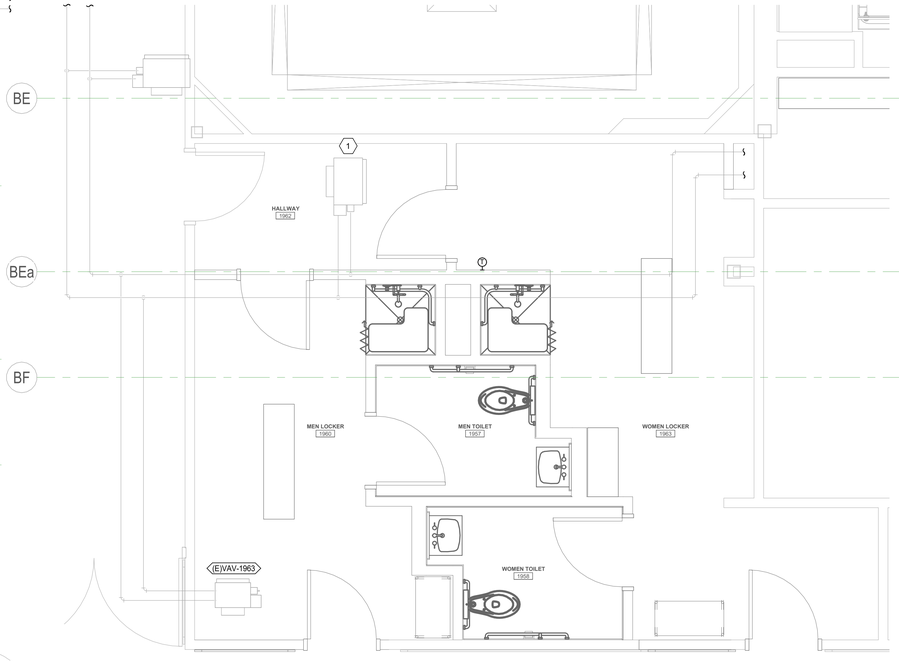


A1 LEVEL 1 AREA B MECHANICAL PIPING PLAN

SCALE: 3/8" = 1'-0"

TRUE NORTH PROJECT NORTH



A4 LEVEL 1 AREA A MECHANICAL PIPING PLAN

SCALE: 3/8" = 1'-0"

TRUE NORTH PROJECT NORTH

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REV	DATE	DESCRIPTION

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1485 U.S. HWY 40, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

LEVEL 1 MECHANICAL PIPING PLAN

MP101

11/6/2025 3:09:53 PM

COMPUTER ROOM AIR CONDITIONER UNIT SCHEDULE (CRAC)

MANUFACTURERS:	REMARKS:	SCHEDULE KEY:
VERTIV/ LEIBERT STULTZ SCHNEIDER ABOVEAIRE	(1) PROVIDE FANS WITH EC MOTOR. (2) PROVIDE WITH 4" MERV 8 FILTERS. (3) PROVIDE WITH LEAK DETECTION WITH 100' ROPE. (4) PROVIDE FACTORY AUTHORIZED STARTUP OF EQUIPMENT INCLUDING STARTUP OF ANY FACTORY CONTROLS TO ENSURE PROPER SEQUENCING AND/OR COMMUNICATION TO BMS. (6) PROVIDE WITH BACNET CONTROLLER.	PLUMB = DIVISION 22 MECH = DIVISION 23 ELEC = DIVISION 26 MNFR = MANUFACTURER

				BLOWER SECTION			DX COOLING		ELECTRICAL										
LABEL	TYPE	SERVES	OPERATING CONDITIONS	ARRANGEMENT	AIRFLOW (CFM)	ESP (IN-WC)	CAPACITY (BTUH)	COMPRESSOR TYPE	VOLTS	PHASE	Hz	FLA	MOCP	EMERG POWER	DISCONNECT PROVIDED BY (MECH/ ELEC)	WEIGHT (LBS)	MANUFACTURER	MODEL	REMARKS
CRAC-1	WALL MOUNTED	TDR	105F DB 62F WB	WALL MOUNTED	2,200	0.30	54,600	SCROLL	208	3	60	13	15	YES	ELEC	245	ABOVEAIR	WCH-018S5-3	ALL

CONDENSING UNIT SCHEDULE

ACCEPTABLE MANUFACTURERS:	REMARKS:	SCHEDULE KEY
VERTIV/ LEIBERT STULTZ SCHNEIDER ABOVEAIRE	(1) PROVIDE WITH HAIL GUARDS. (2) PROVIDE WITH MIRO INDUSTRIES LD SUPPORT/MOUNTING FRAME. (3) PROVIDE WITH NEOPRENE PADS AT ALL MOUNTING CONNECTION POINTS. (4) PROVIDE REFRIGERANT PIPING SIZED AS PER MANUFACTURER'S RECOMMENDATIONS. "ACR" COPPER ONLY. (5) COORDINATE REFRIGERANT CHARGE AND PIPING SIZES WITH EQUIVALENT LINE LENGTH TO MINIMIZE PRESSURE DROP AND CAPACITY LOSS. (6) PROVIDE BOOT AT ANY CONDENSER LINE PENETRATIONS INTO BUILDING ENVELOPE. (7) PROVIDE CRANKCASE HEATER. (8) PROVIDE WITH WIND BAFFLE FOR COOLING AT -5 F. (9) PROVIDE FACTORY AUTHORIZED STARTUP OF EQUIPMENT INCLUDING STARTUP OF ANY FACTORY CONTROLS TO ENSURE PROPER SEQUENCING AND/OR COMMUNICATION TO BMS.	PLUMB = DIVISION 22 MECH = DIVISION 23 ELEC = DIVISION 26 MNFR = MANUFACTURER

						ELECTRICAL										
LABEL	SERVES	OPERATING CONDITIONS	NOMINAL COOLING (BTUH)	SCOP	REFRIGERANT TYPE	VOLTS	PHASE	Hz	FLA	MOCP	EMERG POWER	DISCONNECT PROVIDED BY (MECH/ ELEC)	WEIGHT (LBS)	MANUFACTURER	MODEL	REMARKS
CU-1	CRAC-1	105F DB 62F WB	72,300	2.84	R-454B	208	3	60	22.7	45	YES	ELEC	200	ABOVEAIR	XPU-018S5-3	ALL

VAV TERMINAL UNIT SCHEDULE (HYDRONIC HEAT)

ACCEPTABLE MANUFACTURERS:	REMARKS:
PRICE KRUEGER TITUS	(1) EXISTING VAV TO REMAIN. CONTRACTOR TO CLEAN COILS AND PROVIDE TEST AND BALANCE REPORT. (2) CONTRACTOR TO REPORT DISCREPANCY ON VAV SIZES TO SPECTRUM ENGINEERS.

		AIRFLOW			HOT WATER HEATING COIL								
LABEL	SERVES	MAX (CFM)	MIN (CFM)	INLET SIZE	MAX AIRFLOW (CFM)	CAPACITY (BTUH)	EAT (°F)	LAT (°F)	FLOW RATE (GPM)	EWT (°F)	LWT (°F)	MANUFACTURER	MODEL	REMARKS
(E)VAV-1500	PERSONAL HEALTH	200	200	6"	200	7,500	55	95	0.8	160	140	EXISTING	EXISTING	ALL
(E)VAV-1501	TDR	525	525	10"	525	20,500	55	95	2.1	160	140	EXISTING	EXISTING	ALL
(E)VAV-1963	MENS LOCKER	975	975	12"	975	36,250	55	95	3.6	160	140	EXISTING	EXISTING	ALL
(E)VAV-E1503	HOLDING	725	725	10"	725	27,000	55	95	2.7	160	140	EXISTING	EXISTING	ALL

REGISTER - GRILLE- DIFFUSER SCHEDULE

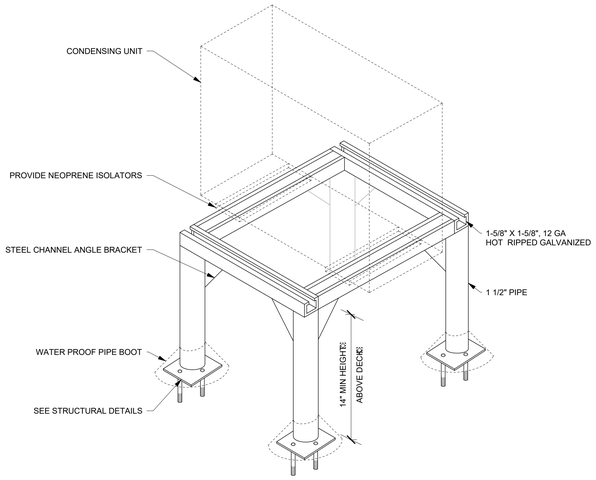
ACCEPTABLE MANUFACTURERS:	REMARKS:
KRUEGER TUTTLE & BAILEY TITUS PRICE	(1) PROVIDE TRANSITION AS NECESSARY. (2) COORDINATE EXACT COLOR SELECTION WITH OWNER AND ARCHITECT. (3) PROVIDE WITH AIR-SCOOP FOR BALANCING. (4) PROVIDE WITH LAY-IN TO HARD LID ADAPTER AS NECESSARY.

LABEL	TYPE	MAX AIRFLOW (CFM)	FACE SIZE	NECK SIZE	BLOW PATTERN	PD (IN-WC)	THROW(S) (FT)	MAX NC	MANUFACTURER	MODEL	REMARKS
CD-1	SQUARE PLAQUE DIFFUSER	235	24" X 24"	6" Ø	4-WAY	0.093	4-5-8	30	PRICE INDUSTRIES	SPD	ALL
CD-2	SQUARE PLAQUE DIFFUSER	350	24" X 24"	8" Ø	4-WAY	0.115	4-6-10	30	PRICE INDUSTRIES	SPD	ALL
CD-3	SQUARE PLAQUE DIFFUSER	545	24" X 24"	10" Ø	4-WAY	0.180	5-8-12	30	PRICE INDUSTRIES	SPD	ALL
EG-1	LOUVERED EXHAUST GRILLE	500	12" X 12"	10" X 10"	N/A	0.140	N/A	30	PRICE INDUSTRIES	535	ALL
RG-1	LOUVERED RETURN GRILLE	1750	24" X 24"	SEE PLANS	N/A	0.100	N/A	30	PRICE INDUSTRIES	535	ALL
RG-2	LOUVERED RETURN GRILLE	950	24" X 12"	SEE PLANS	N/A	0.100	N/A	30	PRICE INDUSTRIES	535	ALL

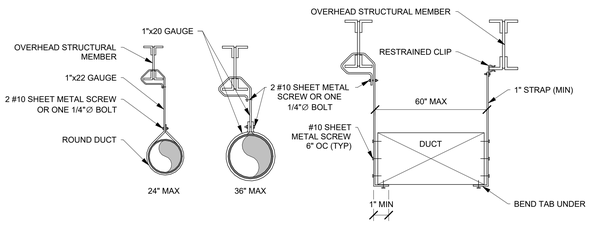
DUCT INSULATION REQUIREMENTS

DUCT SYSTEM	DUCT LOCATION	INSULATION MATERIALS	MINIMUM THERMAL RESISTANCE ("R") CLIMATE ZONES 1-4	MINIMUM THERMAL RESISTANCE ("R") CLIMATE ZONES 5-8	FIELD APPLIED JACKET
SUPPLY AIR	BUILDING INTERIOR, CONCEALED	MINERAL-FIBER BLANKET	6.0	6.0	NONE
	BUILDING INTERIOR, EXPOSED, OUTSIDE CONDITIONED SPACE	MINERAL-FIBER BLANKET	6.0	6.0	NONE
	BUILDING EXTERIOR (OUTSIDE BUILDING INSULATION)	MINERAL-FIBER BLANKET	8.0	12.0	ALUMINUM
RETURN AIR	BUILDING INTERIOR, CONCEALED	MINERAL-FIBER BLANKET	6.0	6.0	NONE
	BUILDING INTERIOR, EXPOSED, OUTSIDE CONDITIONED SPACE	MINERAL-FIBER BLANKET	6.0	6.0	NONE
	BUILDING EXTERIOR (OUTSIDE BUILDING INSULATION)	MINERAL-FIBER BLANKET	8.0	12.0	ALUMINUM
EXHAUST AIR	ALL	NONE	---	---	---
OUTSIDE AIR	BUILDING INTERIOR, CONCEALED OR EXPOSED	MINERAL-FIBER BLANKET	6.0	6.0	NONE
	BUILDING EXTERIOR (OUTSIDE BUILDING INSULATION)	MINERAL-FIBER BLANKET	8.0	12.0	NONE
FLEXIBLE DUCT	BUILDING INTERIOR	MINERAL-FIBER BLANKER POLYETHYLENE INNER AND OUTER JACKET	6.0	6.0	NONE

NOTES
1. DUCT INSULATION THERMAL RESISTANCE VALUES DETERMINED FROM 2018 IECC SECTION C403.11.1.
2. CLIMATE ZONES DETERMINED BY ASHRAE. THIS PROJECT IS IN CLIMATE ZONE 5.
3. ALL DUCT INSULATION SHALL HAVE ALL SERVICE JACKET MANUFACTURER FROM KRAFT PAPER, REINFORCED SCRIM, ALUMINUM FOIL, OR VINYL FILM.
4. DUCT INSULATION SHALL BE MECHANICALLY FASTENED TO DUCTS WIDER THAN 24" AND SHALL BE AFFIXED TO BOTTOM OF DUCT WITH WELDED METAL PINS AND 2" WASHERS AT 18" MAXIMUM SPACING.
5. DUCT LINER, WHERE SHOWN ON DRAWINGS, SHALL BE A MINIMUM OF 1" THICK AND SHALL HAVE A MINIMUM "R" VALUE OF 3.8.
6. DUCT LINER SHALL NOT BE SUBSTITUTED FOR DUCT WRAP UNLESS THE MINIMUM "R" VALUE OF THE DUCT LINER IS INCREASED TO VALUE NEEDED PER TABLE ABOVE.
7. DUCT DIMENSIONS SHOWN ON THE DRAWINGS ARE NET FREE AREA. WHERE DUCT LINER IS SHOWN, INCREASE METAL DUCT SIZE TO ALLOW FOR THICKNESS OF DUCT LINER.
8. TOTAL LENGTH OF FLEXIBLE DUCT FUN SHALL NOT EXCEED 3'-0". EXTEND SHEET METAL DUCT TO WITHIN 3'-0" OF THE AIR INLET OR AIR OUTLET DEVICE.
9. OFFSET OF FLEXIBLE DUCT SHALL NOT EXCEED ONE HALF OF THE DUCT DIAMETER.
10. ALL DUCT CHANGES IN DIRECTION SHALL BE MADE WITH RIGID ELBOWS OR OTHER RIGID METAL FITTINGS.
11. INDOOR DUCT INSULATION AND RELATED MATERIALS SHALL HAVE A FLAME-SPREAD INDEX OF 25 OR LESS, AND SMOKE-DEVELOPED INDEX OF 50 OR LESS WHEN TESTED TO ASTM 84.
12. OUTDOOR DUCT INSULATION AND RELATED MATERIALS SHALL HAVE A FLAME-SPREAD INDEX OF 75 OR LESS, AND SMOKE-DEVELOPED INDEX OF 150 OR LESS WHEN TESTED TO ASTM 84.
13. ALL DUCT COVERINGS AND LININGS SHALL NOT FLAME, GLOW, SMOLDER, OR SMOKE WHEN TESTED IN ACCORDANCE WITH ASTM 411.
14. ALL MATERIALS USED AS INTERNAL INSULATION AND EXPOSED TO THE AIR STREAM IN DUCTS SHALL BE SHOWN TO BE DURABLE WHEN TESTED IN ACCORDANCE WITH UL 181.

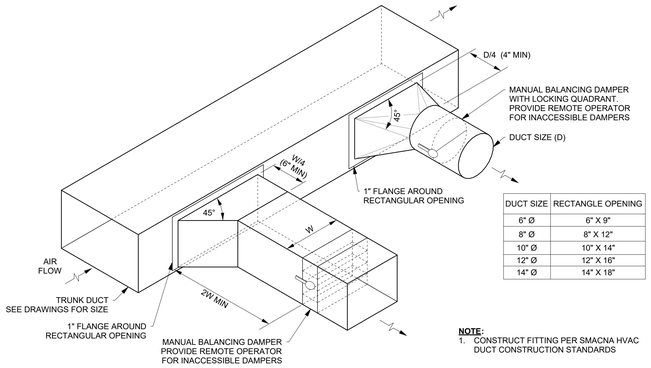


D1 ROOF SUPPORT - EQUIPMENT DETAIL
SCALE: NTS



NOTE:
1. USE TRAPEZE HANGER FOR RECTANGULAR DUCT LARGER THAN 60" WIDTH.

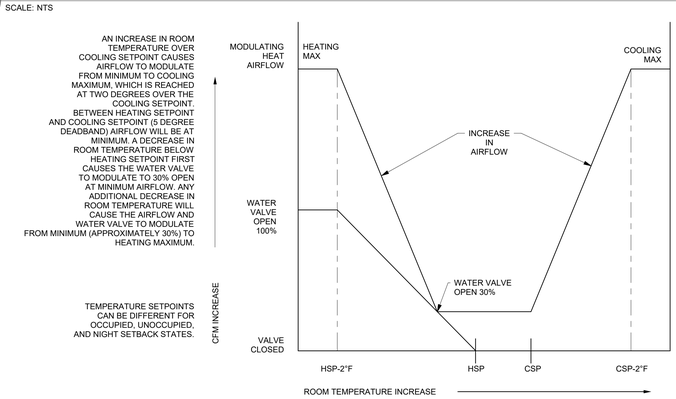
C1 DUCT HANGERS (COMBINED)
SCALE: NTS



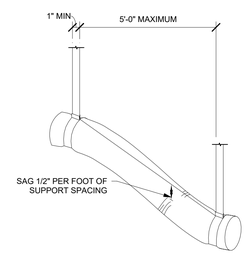
DUCT SIZE	RECTANGLE OPENING
6" Ø	6" X 9"
8" Ø	8" X 12"
10" Ø	10" X 14"
12" Ø	12" X 16"
14" Ø	14" X 18"

NOTE:
1. CONSTRUCT FITTING PER SMACNA HVAC DUCT CONSTRUCTION STANDARDS

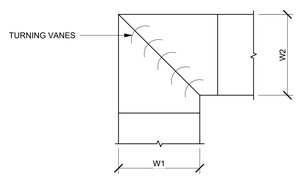
B1 DUCT HIGH EFFICIENCY TAKE-OFFS
SCALE: NTS



A1 VAV SEQUENCE DETAIL
SCALE: NTS

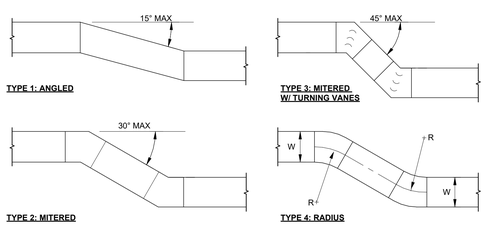


C3 FLEX DUCT SUPPORT
SCALE: NTS



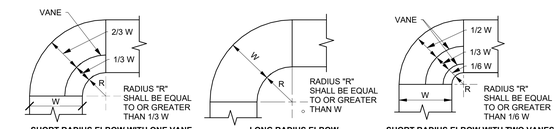
NOTES:
1. ALL TURNING VANES SHALL BE SINGLE VANE TYPE REGARDLESS OF DIMENSION.
2. ALL SINGLE VANES SHALL HAVE A 2 INCH RADIUS, 1 INCH MAXIMUM SPACE BETWEEN VANES AND A 3/4 INCH TRAILING EDGE.

B3 DUCT ELBOW - SQUARE DETAIL
SCALE: NTS



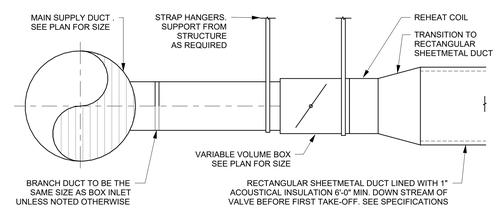
NOTES:
1. INSTALL PER SMACNA HVAC DUCT CONSTRUCTION STANDARDS
2. NO OFFSET SHALL BE GREATER THAN 45 DEGREES
3. NO TRANSITION IN DUCT SIZE ALLOWED IN OFFSET

A3 DUCT OFFSETS DETAIL
SCALE: NTS



NOTES:
1. ALL ELBOWS ARE LONG RADIUS UNLESS OTHERWISE NOTED ON PLANS. THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE MADE ROUND.
2. ALL LONG RADIUS ELBOWS SHOWN ON PLANS MAY BE MADE SHORT RADIUS ELBOWS. ALL SHORT RADIUS ELBOWS SHALL HAVE VANES. VANES SHALL BE CONSTRUCTED, SUPPORTED AND FASTENED AS DIRECTED BY SMACNA HVAC DUCT CONSTRUCTION STANDARDS.

B5 DUCT ELBOW - ROUND DETAIL
SCALE: NTS



A5 VAV BOX DETAIL
SCALE: NTS

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VCBO NUMBER: 25260.00
DATE: 11/06/2025

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REV DATE DESCRIPTION

INTERMOUNTAIN HEBER VALLEY HOSPITAL
1485 U.S. HWY 40, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

MECHANICAL SCHEDULES

ME601

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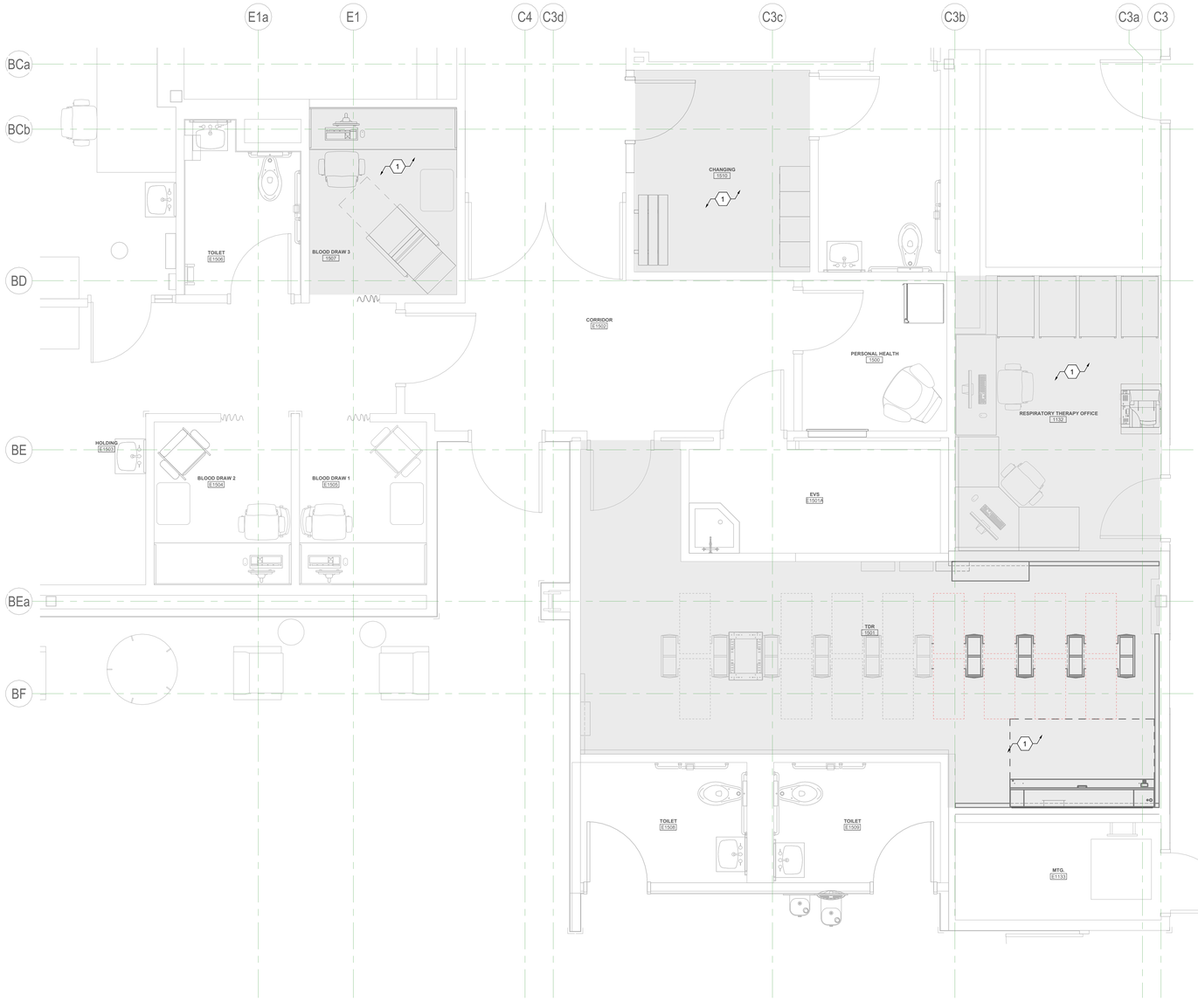
SHEET KEYNOTES

1 CONTRACTOR TO MODIFY FIRE SPRINKLER HEAD LAYOUT WITHIN MODIFIED SPACES.

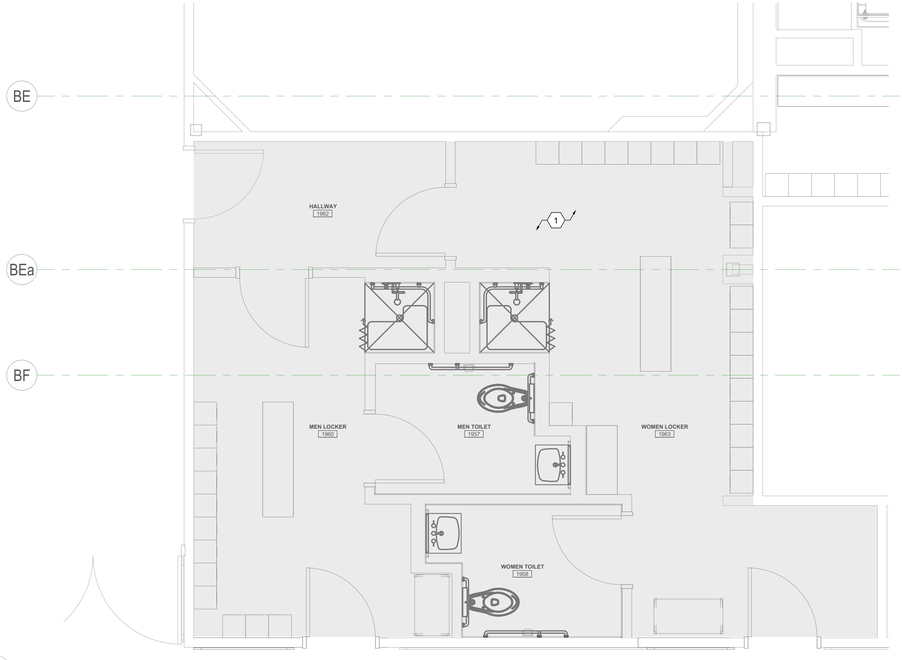
MECHANICAL GENERAL NOTES

1. ALL EQUIPMENT TO BE SELECTED BASED OFF OF SITE INFORMATION, INCLUDING CURBS EQUAL TO OR GREATER THAN DESIGN SNOW DEPTH. ELEVATION: 5700' SDB: 105F SWB: 62F WDB: 0F DESIGN SNOW DEPTH: 18"
2. THIS CONTRACTOR SHALL CLOSELY COORDINATE MECHANICAL AND PLUMBING WITH ELECTRICAL, ARCHITECTURAL, AND BUILDING STRUCTURE.
3. ALL SUPPLY AND RETURN DUCTWORK TO BE EXTERNALLY WRAPPED WITH INSULATION WITH AN R-VALUE OF R-6.
4. ALL MEDIUM PRESSURE DUCTWORK TO BE 1" DOUBLE WALL WITH NON-PERFORATED INTERIOR DUCTWORK.
5. ALL DUCT DIMENSIONS ARE INSIDE CLEAR DIMENSIONS.
6. FLEXIBLE DUCT MAY BE USED AT FINAL TERMINATION OF DUCT TO DIFFUSER OR GRILLE. MAXIMUM FLEXIBLE DUCT LENGTH IS 5'-0". PROVIDE DUCT SUPPORTS EVERY 3 FEET. FLEX DUCT SHALL NOT BE COMPRESSED OR KINKED BY ANY OBJECTS SUCH AS STRUCTURE, PIPING, ETC.
7. PROVIDE BALANCING DAMPER WITH LOCKING QUADRANT IN EACH DUCT BRANCH OF SUPPLY AND EXHAUST DUCTWORK.
8. PROVIDE REMOTE CABLE OPERATED DAMPER SYSTEM FOR ALL DUCTWORK ABOVE HARD LID CEILINGS OR WHERE DAMPER IS INACCESSIBLE OR PROVIDE OPPOSED BLADE DAMPER WITH NYLON BUSHINGS AT GRILLE.
9. PROVIDE ACCESS DOORS FOR ALL SERVICEABLE EQUIPMENT OR VALVES ABOVE HARD LID CEILINGS OR IN WALLS. ALL ACCESS PANELS ARE TO BE PAINTED TO MATCH ADJACENT SURFACES.
10. MECHANICAL CONTRACTOR TO HIRE NEBB OR AABC CERTIFIED THIRD PARTY TEST AND BALANCE (TAB) CONTRACTOR. TAB CONTRACTOR SHALL ADJUST BELTS, DAMPERS, ETC AS NECESSARY TO BALANCE SYSTEM TO AIRFLOWS REQUIRED AT LOWEST POSSIBLE SPEEDS. FOLLOW PROCEDURES AS LAID FORTH IN THE CURRENT VERSION OF "PROCEDURAL STANDARDS FOR TESTING ADJUSTING AND BALANCING OF ENVIRONMENTAL SYSTEMS" BY NEBB. PROVIDE REPORT ON NEBB FORMS TO ENGINEER FOR REVIEW.
11. THIS CONTRACTOR SHALL ENGAGE A FIRE PROTECTION DESIGN BUILD CONTRACTOR TO MODIFY THE EXISTING FIRE SPRINKLER SYSTEM. DESIGNER SHALL BE NICET LEVEL III TECHNICIAN. WORKING PLANS AND CALCULATIONS SHALL BE PREPARED ACCORDING TO NFPA 13, AND BE APPROVED BY AUTHORITIES HAVING JURISDICTION, INCLUDING HYDRAULIC CALCULATIONS IF APPLICABLE.
12. PROVIDE TEMPORARY NEGATIVE PRESSURE UNIT DURING CONSTRUCTION. COORDINATE LOCATION WITH OWNER.
13. CONTROLS TO MATCH EXISTING SIEMENS CONTROLS. TIE INTO EXISTING SIEMENS CONTROLS DDC SYSTEM AND UPDATED GRAPHICS. PROVIDE ENGINEER WITH 2 WEEKS OF TRENDS SHOWING PROPER OPERATION OF EQUIPMENT UPON COMPLETION OF PROJECT. TRENDING DATA SHALL INCLUDE THE FOLLOWING DATA AT A MINIMUM: SPACE TEMPERATURE, SPACE SET POINT, HEATING OR COOLING MODE, AIR FLOW (FOR VAV SYSTEMS), & VALVE POSITION (FOR VAV SYSTEMS). SEE SEQUENCE OF OPERATIONS AND CONTROLS REQUIREMENTS ON SCHEDULE SHEET/SPECIFICATIONS.
14. COORDINATE EXACT THERMOSTAT LOCATIONS WITH FURNITURE AND OWNER. FAILURE TO DO SO MAY REQUIRE MOVING THERMOSTATS AT CONTRACTORS COST.
15. CONTRACTOR SHALL FIELD VERIFY EXISTING FIELD CONDITIONS PRIOR TO ORDERING OR FABRICATING. ADDITIONAL COST WILL NOT BE ALLOWED FOR CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH EXISTING SITE CONDITIONS.
16. INSULATE ALL REFRIGERANT PIPING BY FULLY ENCLOSING PIPING IN INSULATION AND PROVIDING SEALED VAPOR BARRIER. ALL REFRIGERANT PIPING 2" OR SMALLER SHALL BE INSULATED WITH CLOSED-CELL ELASTOMER RUBBER INSULATION. ANY INSULATION EXPOSED TO THE ELEMENTS OR SUNLIGHT SHALL BE UV RESISTANT. INSULATION IS SUBJECT TO INSPECTION BY COMMISSIONING AGENT AND OR ENGINEER FOR COMPLIANCE.
17. BALL VALVES SHALL BE FULL PORT WITH BRONZE BODY AND BRASS BALL. PROVIDE WITH HANDLE/STEM EXTENSIONS FOR PROPER FUNCTION WHEN FULLY INSULATED. EXTENSIONS TO BE SEALED AND VAPOR PROOF.
18. INSTALL INSULATION OVER FITTINGS, VALVES, STRAINERS, FLANGES, UNIONS, AND OTHER SPECIALTIES WITH CONTINUOUS THERMAL AND VAPOR-RETARDER INTEGRITY. STRAINERS, CONTROL VALVES, AND BALANCING VALVES SHALL HAVE REMOVABLE INSULATION WITH LABEL INDICATED WHAT TYPE OF PIPE ACCESSORY IS BELOW INSULATION. INSULATION SHALL NOT IMPEDE PROPER OPERATION OF ACCESSORY.
19. PROVIDE FACTORY AUTHORIZED STARTUP OF ALL EQUIPMENT INCLUDING STARTUP OF ANY FACTORY CONTROLS TO ENSURE PROPER SEQUENCING AND/OR COMMUNICATION TO BMS.
20. WHERE JURISDICTION REQUIRES, CONTRACTOR IS RESPONSIBLE FOR PROVIDING SEISMIC RESTRAINT AND SUPPORT ENGINEERED BY A LICENSED STRUCTURAL ENGINEER. PROVIDE DESIGN DRAWINGS TO AUTHORITY HAVING JURISDICTION AND MECHANICAL ENGINEER FOR REVIEW.
21. MECHANICAL PIPING SCHEDULE:
    A. HYDRONIC PIPING 3" AND UNDER = TYPE L COPPER - BRAZED JOINTS
    B. REFRIGERANT PIPING = ACR TYPE L - BRAZED



A1 LEVEL 1 AREA B FIRE SPRINKLER PLAN

SCALE: 3/8" = 1'-0"



A4 LEVEL 1 AREA A FIRE SPRINKLER PLAN

SCALE: 3/8" = 1'-0"

TRUE NORTH

PROJECT NORTH

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CONSTRUCTION DOCUMENTS

LEVEL 1 FIRE SPRINKLER PLAN

F101

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SYMBOL LEGEND - MISC

REFERENCE LINES AND SYMBOLS

SYMBOL	DESCRIPTION
	VIEW OR DETAIL INDICATOR: # INDICATES DETAIL NUMBER, SHEET INDICATES DRAWING SHEET WHERE VIEW OR DETAIL IS SHOWN.
	ELEVATION OR SECTION INDICATOR: # INDICATES VIEW NUMBER, SHEET INDICATES DRAWING SHEET WHERE VIEW IS SHOWN.
NAME	ROOM / SPACE INDICATOR
#	KEYNOTE INDICATOR
#	REVISION INDICATOR
XX-##	PLUMBING FIXTURE INDICATOR
XX-##	EQUIPMENT INDICATOR
TAG CFM	REGISTER, GRILLE, OR DIFFUSER INDICATOR
OR	BREAKLINE
MATCH LINE SEE XX/XXX	MATCHLINE INDICATOR
	CONTRACT LIMIT LINE: DASHDOT, WIDE LINE
	NEW CONNECTION TO EXISTING
	POINT OF DEMOLITION

SYMBOL LEGEND - PIPING

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

SYMBOL	DESCRIPTION
	HOSE BIBB / WALL HYDRANT
	CLEANOUT TO GRADE
	FLOOR CLEANOUT
	WALL CLEANOUT
	FLOOR DRAIN
	FLOOR SINK

DEFINITIONS

NOTE: ALL DEFINITIONS MAY NOT BE USED.

INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.

DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.

APPROVED: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.

FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."

INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."

PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."

INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.

PIPING LEGEND

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

ABBREVIATION	DESCRIPTION
———160———	160°F HOT WATER
———160R———	160°F HOT WATER RETURN / CIRCULATION
———180———	180°F HOT WATER
———180R———	180°F HOT WATER RETURN / CIRCULATION
——— –AW– ———	ACID WASTE
– – – –AV– – – –	ACID VENT
———C02———	CARBON DIOXIDE
——— –CWV– ———	COMBINATION WASTE AND VENT
———CA———	COMPRESSED AIR
———CD———	CONDENSATE DRAIN
———DCW———	DOMESTIC COLD WATER
———DHW———	DOMESTIC HOT WATER
———DHWR———	DOMESTIC HOT WATER RECIRCULATION
———DI———	DEIONIZED WATER
———DSW———	DOMESTIC SOFT WATER
— — — — —	DEMOLISHED PIPING
———FP———	FIRE PROTECTION
———FOR———	FUEL OIL RETURN
———FOS———	FUEL OIL SUPPLY
———FOV———	FUEL OIL VENT
——— –GW– ———	GREASE WASTE
———HPC———	HIGH PRESSURE CONDENSATE
———MPC———	MEDIUM PRESSURE CONDENSATE
———LPC———	LOW PRESSURE CONDENSATE
———ICW———	INDUSTRIAL COLD WATER
———IHW———	INDUSTRIAL HOT WATER
———IW———	IRRIGATION WATER
———LPG———	LIQUID PROPANE GAS
———MA———	MEDICAL AIR
———NG———	NATURAL GAS
———NO———	NITROUS OXIDE
———O———	OXYGEN
———OD———	OVERFLOW ROOF DRAIN / STORM DRAIN
———PC———	PUMPED CONDENSATE
———RD———	ROOF DRAIN / STORM DRAIN
——— –SS– ———	SANITARY SEWER
———VAC———	VACUUM
– – – –V– – – –	VENT

SYMBOL LEGEND - PIPING

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

SYMBOL	DESCRIPTION
	SHUT OFF VALVE
	GATE VALVE
	CHECK VALVE
	AUTOMATIC 2-WAY VALVE
	AUTOMATIC 3-WAY VALVE
	GLOBE VALVE
	BALL VALVE
	RELIEF VALVE
	PRESSURE REDUCING VALVE
	BUTTERFLY VALVE
	SOLENOID VALVE
	ANGLE VALVE
	VENTURI VALVE
	BALANCING OR PLUG COCK
	FLOW SETTER
	EXPANSION VALVE
	GAS COCK
MAV	MANUAL AIR VENT
	STRAINER
	GAUGE COCK
	FLEXIBLE CONNECTION
	PRESSURE GAUGE
	THERMOMETER
	PIPE REDUCER
	REFRIGERANT SITE GLASS
	REFRIGERANT STRAINER
	REFRIGERANT FILTER DRIER
	90 DEGREE ELBOW UP
	90 DEGREE ELBOW DOWN
	90 DEGREE TEE UP
	90 DEGREE TEE DOWN
	PIPE UNION
	PIPE CAP
	PIPE ANCHOR
	FLOAT AND THERMOSTATIC TRAP

ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

(E)	EXISTING
(F)	FUTURE
AC	AIR CONDITION(-ING,-ED)
APD	AIR PRESSURE DROP
BD	BALANCING DAMPER
BHP	BRAKE HORSE POWER
BTU	BRITISH THERMAL UNIT
BTUH	BTU/HOUR
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CV	CONTROL VALVE
DB	DRY BULB TEMPERATURE
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RECIRC
DP	DEPTH, DEEP, OR DROP IN PRESSURE
EA	EXHAUST AIR
EER	ENERGY EFFICIENCY RATIO
EFF	EFFICIENCY
ELEC	ELECTRIC
ELEV	ELEVATION
ENT	ENTERING
EVAP	EVAPORAT(-E, -ING, -ED, -OR)
EWT	ENTERING WATER TEMPERATURE
EXT	EXTERNAL
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FPI	FINS PER INCH
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FSD	FIRE SMOKE DAMPER
GE	GREASE EXHAUST
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HD	HEAD
HG	MERCURY
HP	HORSEPOWER
HR	HOUR
HTG	HEATING
HZ	HERTZ (FREQUENCY)
IN	INCH
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LH	LATENT HEAT
LRA	LOCKED ROTOR AMPS
LVG	LEAVING
LWT	LEAVING WATER TEMPERATURE
MBH	THOUSAND BTU PER HOUR
MCA	MINIMUM CIRCUIT AMPS
MFR	MANUFACTUR(-ER, -ED)
NC	NORMALLY CLOSED OR NOISE CRITERIA
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NPSH	NET POSITIVE SUCTION HEAD
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OD	OUTSIDE DIAMETER
OZ	OUNCE
PD	PRESSURE DROP OR DIFFERENCE
PG	PROPOLENE GLYCOL
PH	PHASE
PPM	PARTS PER MILLION
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIA	PSI ABSOLUTE
PSIG	PSI GAUGE
RA	RETURN AIR
RECIRC	RECIRCULATE (-ER, -ED, -ING)
REFR	REFRIGERATION
REQD	REQUIRED
RLA	RATED LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SCFM	STANDARD CUBIC FEET PER MINUTE
SCW	SOFT COLD WATER
SH	SENSIBLE HEAT
SP	STATIC PRESSURE
SPEC(S)	SPECIFICATION(S)
SQ	SQUARE
SS	SANITARY SEWER, SOIL, WASTE
STD	STANDARD
TA	TRANSFER AIR
TD	TEMP. DROP OR DIFF.
TEMP	TEMPERATURE
TOT	TOTAL
TSTAT	THERMOSTAT
TYP	TYPICAL
V	VOLT, VOLTAGE OR VENT
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VEL	VELOCITY
VENT	VENT, VENTILATION
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VOL	VOLUME
VTR	VENT THROUGH ROOF
WB	WET BULB TEMP
WC	WATER COLUMN
WG	WATER GAUGE
WPD	WATER PRESSURE DROP
WTR	WATER

PLUMBING GENERAL NOTES

1. THE PLUMBING DRAWINGS SHOW THE GENERAL DESIGN, ARRANGEMENT AND EXTENT OF THE PLUMBING SYSTEM. BECAUSE OF THE SMALL SCALE OF THE DRAWINGS, THESE DRAWINGS DO NOT SHOW ALL OFFSETS, BENDS OR ELBOWS NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. CONTRACTOR SHALL MAKE SUCH SLIGHT ALTERATIONS AS MAY BE NECESSARY TO MAKE THE SYSTEM COMPLETE AND OPERATIONAL IN ACCORDANCE WITH THE DESIGN INTENT. MAJOR DEVIATIONS SUCH AS CHANGES IN COMPONENT SIZES, WEIGHTS, QUANTITIES OR MATERIAL REQUIRE PRIOR APPROVAL BY THE DESIGN ENGINEER.
2. THE DRAWINGS AND SPECIFICATIONS HAVE BEEN PREPARED TO SUPPLEMENT EACH OTHER AND SHALL BE INTERPRETED AS AN INTEGRAL UNIT WITH THE ITEMS SHOWN ON ONE AND NOT THE OTHER BEING FURNISHED AND INSTALLED AS THOUGH SHOWN AND CALLED OUT IN BOTH.
3. THE ENTIRE PLUMBING INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE MOST RECENTLY ADOPTED BUILDING CODES, MECHANICAL CODE, PLUMBING CODE, ELECTRICAL CODE, AND ALL OTHER APPLICABLE CITY, COUNTY, STATE, AND FEDERAL CODES AND REGULATIONS IN EFFECT.
4. THE ENTIRE PLUMBING INSTALLATION SHALL CONFORM TO ANY CODES, RULES, REGULATIONS AND REQUIREMENTS OF THE BUILDING OWNER.
5. PRIOR TO FABRICATION AND INSTALLATION OF ANY PLUMBING COMPONENT THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL PLUMBING WORK WITH ALL OTHER BUILDING TRADES, INCLUDING BUILDING TRADES HIRED DIRECTLY BY THE OWNER. WHERE CONFLICTS MAY OCCUR, THEY SHALL BE RESOLVED PRIOR TO INSTALLATION.
6. ALL PLUMBING INFORMATION IS NOT SHOWN ON THE PLUMBING DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL INFORMATION ON ALL OTHER CONSTRUCTION DOCUMENTS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW AND USE, WHERE APPROPRIATE, ALL THE PLUMBING DETAILS SHOWN ON THE DRAWINGS. DETAILS MAY OR MAY NOT BE CALLED OUT ON THE DRAWINGS WITH SYMBOLS OR KEYED NOTES. ANY CHANGES RESULTING FROM FAILURE TO INSTALL THE PLUMBING SYSTEM WITHOUT USING THE INCLUDED DETAILS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
8. ANY PART OF THE PLUMBING INSTALLATION THAT FAILS, IS UNFIT, OR BECOMES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
9. PROVIDE PROPER PROVISIONS FOR EXPANSION, CONTRACTION, OR MOVEMENT OF ALL PIPING.
10. PROVIDE LARGE ENOUGH PIPE SLEEVES THROUGH WALL OR FLOOR TO ALLOW FOR ANTICIPATED DIFFERENTIAL MOVEMENT.
11. ALL PIPING SHALL BE SUPPORT WITH CLEVIS HANGERS (MSS TYPE 1). PERFORATED METAL STRAPS OR PLASTIC STRAPPING (PLUMBER TAPE) SHALL NOT BE USED TO SUPPORT OR BRACE ANY PIPE.
12. PROVIDE PIPE HANGERS WITHIN 18-INCHES OF ALL CHANGES OF DIRECTION.
13. PROVIDE SWAY BRACING FOR ALL PIPING 4" AND LARGER AT ALL CHANGES IN DIRECTION GREATER THAN 45-DEGREES.
14. ALL STEEL CLEVIS HANGERS USED TO SUPPORT COPPER PIPING SHALL BE COPPER OR PLASTIC COATED.
15. COPPER PIPING SHALL NOT COME IN CONTACT WITH FIRE TREATED LUMBER. PROVIDE ½" THICK SLIP-ON CLOSED CELL INSULATION WHERE COPPER PIPING IS ADJACENT TO FIRE TREATED LUMBER. CLOSED CELL INSULATION SHALL EXTEND A MINIMUM OF 1-1/2" PAST LUMBER.
16. ALL EXPOSED PIPING SHALL BE INSTALLED IN A NEATLY ARRANGED MANNER PARALLEL TO THE BUILDING STRUCTURE.
17. ALL EXPOSED DOMESTIC WATER PIPE IN OCCUPIED SPACES SHALL BE POLISHED CHROME PLATED.
18. ALL EXPOSED DRAINAGE PIPING IN OCCUPIED SPACES INCLUDING TRAPS UNDER SINKS SHALL BE POLISHED CHROME PLATED.
19. DRAWINGS SHOW GENERAL ARRANGEMENT OF THE DRAIN WASTE AND VENT SYSTEM WITH THE REQUIRED CLEANOUTS. CONTRACTOR SHALL PROVIDE ALL ADDITIONAL CLEANOUTS AS REQUIRED BY THE PLUMBING CODE.
20. ALL SANITARY DRAINAGE SYSTEM PIPING 3" AND LARGER SHALL BE SLOPED IN DIRECTION OF FLOW AT A MINIMUM OF 1/8" PER FOOT.
21. ALL SANITARY DRAINAGE SYSTEM PIPING SMALLER THAN 3" SHALL BE SLOPED IN DIRECTION OF FLOW AT A MINIMUM OF 1/4" PER FOOT.
22. SLOPE VENT SYSTEM TOWARDS DRAINAGE SYSTEM.
23. SIMILAR EQUIPMENT SHALL BE OF THE SAME MANUFACTURER.
24. ALL EQUIPMENT SHALL PROVIDE THE SCHEDULED PERFORMANCE AT THE JOB SITE ELEVATION.
25. FIXTURE AND EQUIPMENT MODEL NUMBERS SHOWN IN PLUMBING FIXTURE SCHEDULE AND PLUMBING EQUIPMENT SCHEDULE ARE SHOWN TO ESTABLISH THE TYPE OF PRODUCT THAT SHALL BE USED. THE SELECTED PRODUCT SHALL MEET THE SCHEDULED PERFORMANCE DATA SHOWN ON THE SCHEDULE EVEN IF A DIFFERENT MODEL IS SUPPLIED THAT IS DIFFERENT THAN THAT SCHEDULED.
26. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE ALL NECESSARY FITTINGS, TRANSITIONS, VALVES AND OTHER DEVICES AND ACCESSORIES REQUIRED FOR A COMPLETE, WORKABLE INSTALLATION.
27. SEE "PLUMBING FIXTURE SCHEDULE" FOR INDIVIDUAL TRAPS, WASTE, VENT, AND DOMESTIC WATER PIPING FOR INDIVIDUAL FIXTURES.
28. ALL PLUMBING EQUIPMENT SHALL BE LISTED AND LABELED BY AN APPROVED TESTING AGENCY.
29. FIXTURES, EQUIPMENT AND PIPING INSTALLATION SHALL MEET NSF STANDARDS.

PLUMBING SHEET INDEX

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REV	DATE	DESCRIPTION

INTERMOUNTAIN HEBER VALLEY HOSPITAL

1485 U.S. HWY 40, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

PLUMBING COVER SHEET

PE001

11/6/2025 3:09:55 PM

A1 OVERALL LEVEL 1 PLUMBING PLAN

SCALE: 1/16" = 1'-0"

TRUE NORTH

PROJECT NORTH

PLUMBING GENERAL NOTES

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4. ALL DOMESTIC WATER PIPING TO BE PRESSURE TESTED, CLEANED, AND DISINFECTED. SEE SPECIFICATIONS.
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INTERMOUNTAIN HEBER VALLEY HOSPITAL

1485 U.S. HWY 40, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

LEVEL 1 OVERALL PLUMBING PLAN

PL100

11/6/2025 3:10:44 PM

SHEET KEYNOTES

1. REMOVE EXISTING CONDENSATE FROM FAN COIL UNIT TO MAIN.
2. REMOVE EXISTING WASTE LINE BACK TO MAIN.
3. REMOVE EXISTING WATER LINES BACK TO THIS LOCATION.
4. REMOVE EXISTING VENT LINE BACK TO MAIN.

PLUMBING GENERAL NOTES

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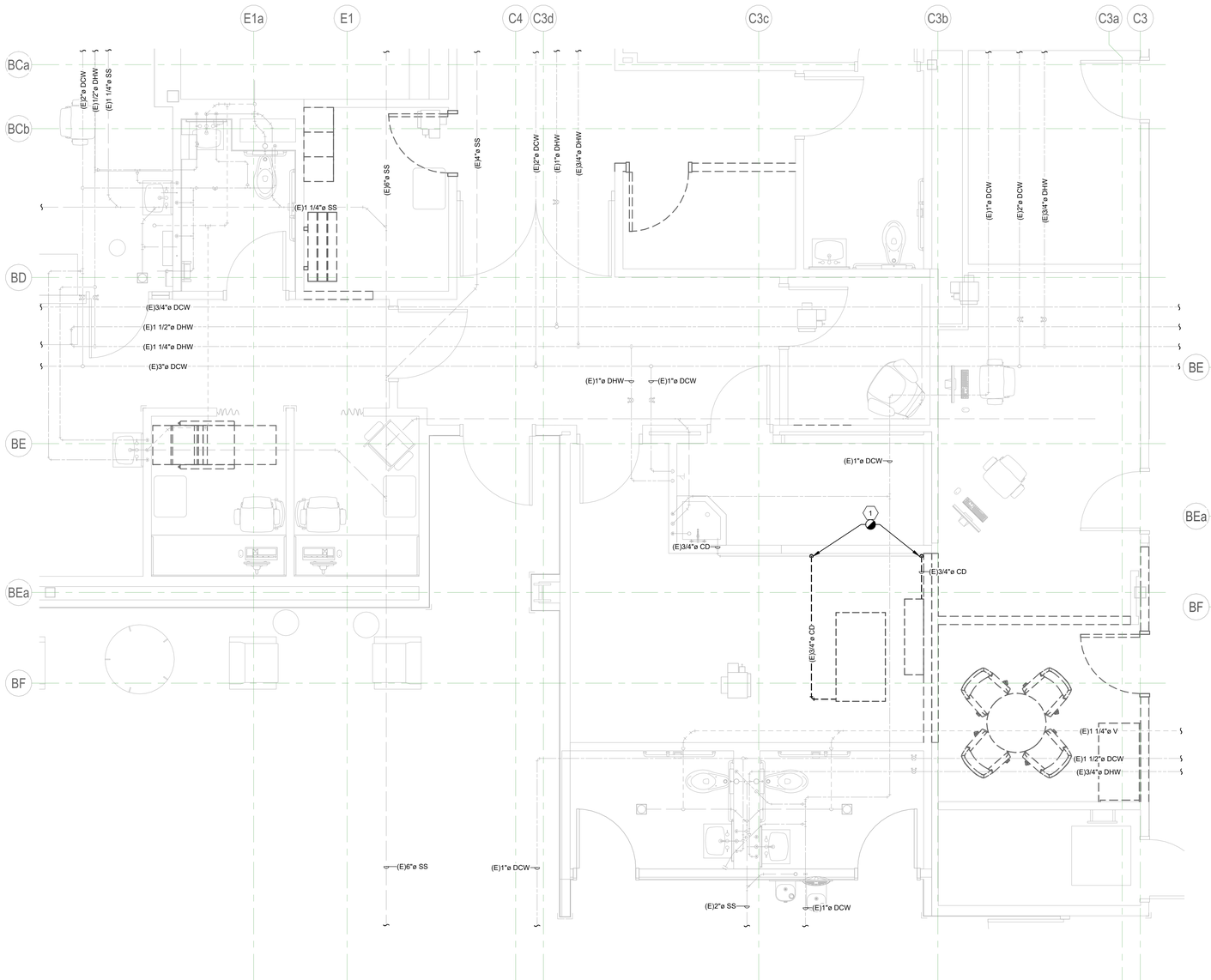
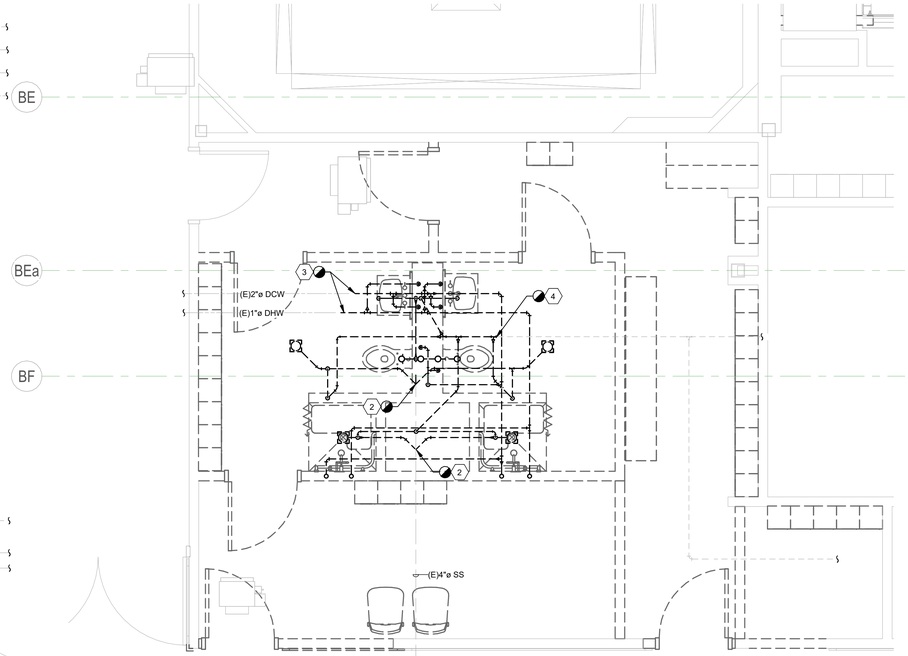


A1 LEVEL 1 AREA B DEMO PLUMBING PLAN

A1/ PL100 SCALE: 3/8" = 1'-0"

TRUE NORTH PROJECT NORTH



A4 LEVEL 1 AREA A DEMO PLUMBING PLAN

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INTERMOUNTAIN HEBER VALLEY HOSPITAL

1485 U.S. HWY 40, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

LEVEL 1 PLUMBING DEMO PLAN

PD101

11/6/2025 3:10:47 PM

SHEET KEYNOTES

1 CONNECT NEW CONDENSATE TO EXISTING LINE.

2 CONNECT NEW VENT LINE TO EXISTING VENT. CONTRACTORS TO FIELD VERIFY LOCATION.

3 CONNECT NEW WASTE LINE TO EXISTING WASTE LINE.

4 CONNECT NEW DOMESTIC WATER LINES TO EXISTING LINES SERVING PREVIOUS RESTROOMS.

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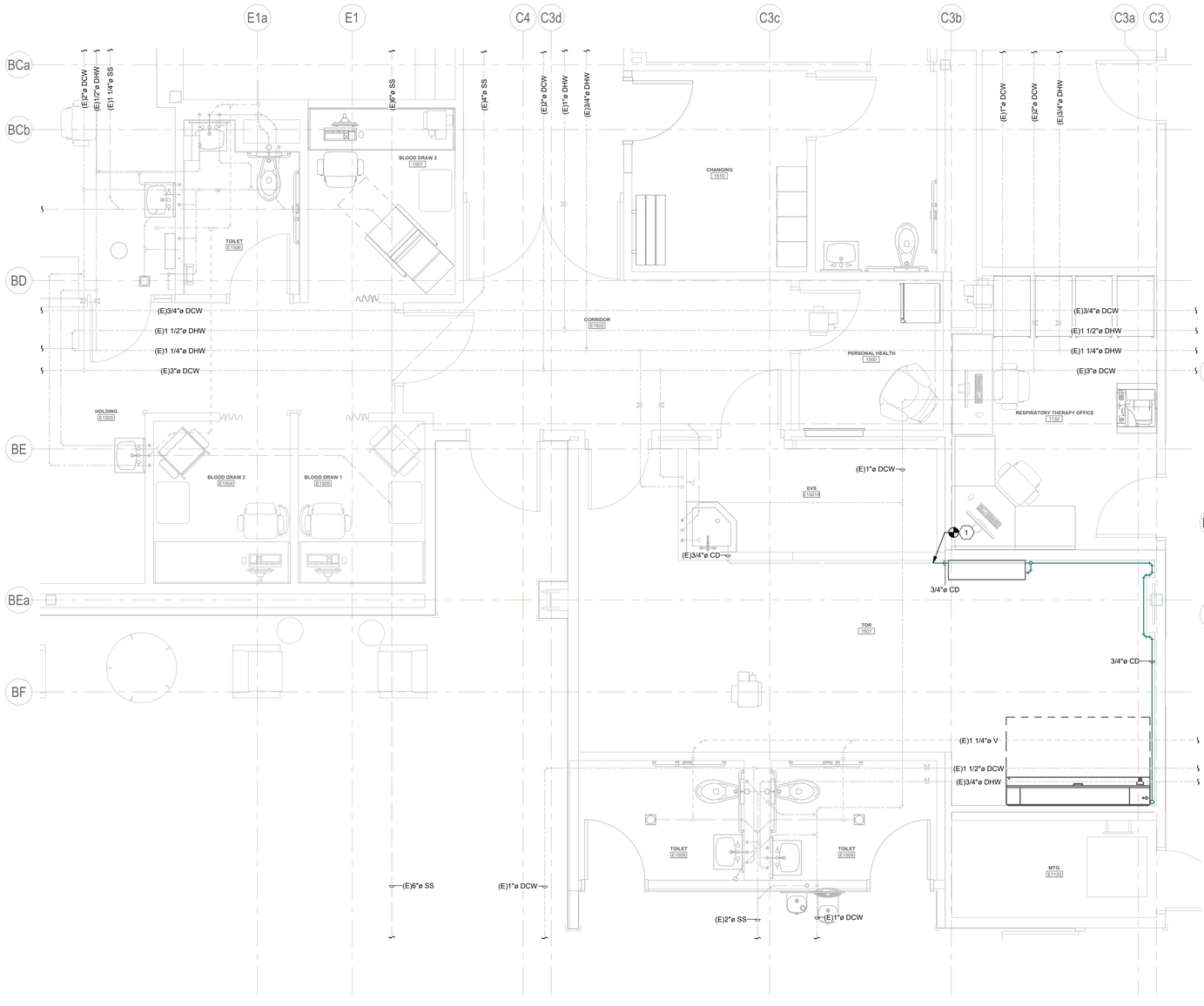

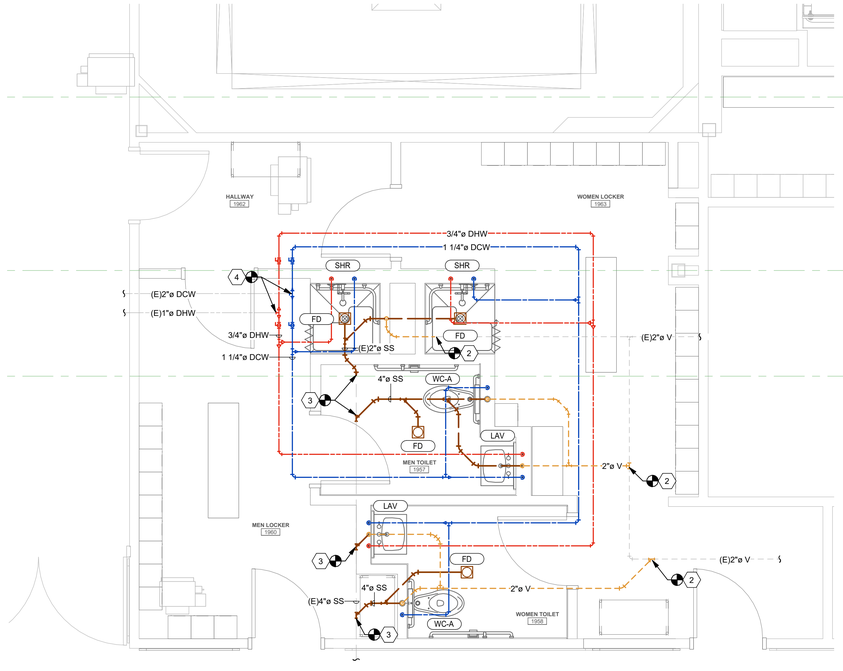

A1 LEVEL 1 AREA B PLUMBING PLAN

SCALE: 3/8" = 1'-0"

TRUE NORTH PROJECT NORTH

A4 LEVEL 1 AREA A PLUMBING PLAN

SCALE: 3/8" = 1'-0"

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CONSTRUCTION DOCUMENTS

LEVEL 1 PLUMBING PLAN

PL101

11/6/2025 3:10:52 PM

PLUMBING FIXTURE SCHEDULE

REFER TO PLUMBING SPECIFICATIONS FOR COMPLETE FIXTURE COMPONENTS

LABEL	DESCRIPTION	WASTE	VENT	CW	HW	MANUFACTURER	MODEL	REMARKS
FD	FLOOR DRAIN	2"	2"	0"	0"	FIXTURE: ZURN TRAP SEAL: RECTORSEAL	FIXTURE: Z415-BZ1 TRAP SEAL: SURESEAL	TRAP SEAL TO MATCH FD SIZE
LAV	WALL MOUNTED LAVATORY	1 1/4"	1 1/2"	1/2"	1/2"	FIXTURE: KOHLER FAUCET: CHICAGO INSULATION: TRUEBRO	FIXTURE: K2030 FAUCET: 116.658.AB.1 INSULATION: LAVGUARD 2	
SHR	SHOWER	0"	0"	1/2"	1/2"	FIXTURE: SYMMONS	FIXTURE:1-1170VT-T600B-36-V-X-1.5	PROVIDE 1.5 GPM WALL/HAND SHOWER WITH 6' FLEXIBLE METAL HOSE
WC-A	FLOOR MOUNT FLUSH VALVE WATER CLOSET (ACCESSIBLE)	3"	2"	1 1/2"	0"	FIXTURE: KOHLER FLUSH VALVE: SLOAN SEAT: KOHLER	FIXTURE: K-96057 FLUSH VALVE: 111-SMO SEAT: K-4670-C	

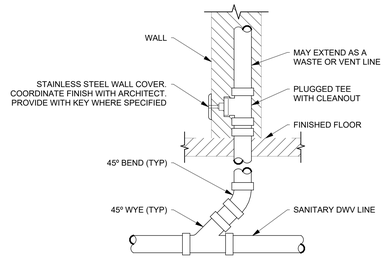
IECC TABLE C403.11.3
MINIMUM PIPE INSULATION THICKNESS (in inches)

FLUID OPERATING TEMPERATURE RANGE AND USAGE (F)	INSULATION CONDUCTIVITY		NOMINAL PIPE SIZE (inches)				
	CONDUCTIVITY (BTU / IN.)	MEAN RATING TEMPERATURE (F)	< 1	1 to < 1 1/2	1 1/2 to < 4	4 to < 8	> 8
251 - 350	0.29 - 0.32	200	3.0	4.0	4.5	4.5	4.5
201 - 250	0.27 - 0.30	150	2.5	2.5	2.5	3.0	3.0
141 - 200	0.25 - 0.29	125	1.5	1.5	2.0	2.0	2.0
105 - 140	0.21 - 0.28	100	1.0	1.0	1.5	1.5	1.5
40 - 60	0.21 - 0.27	75	0.5	0.5	1.0	1.0	1.0
< 40	0.20 - 0.26	50	0.5	1.0	1.0	1.0	1.5

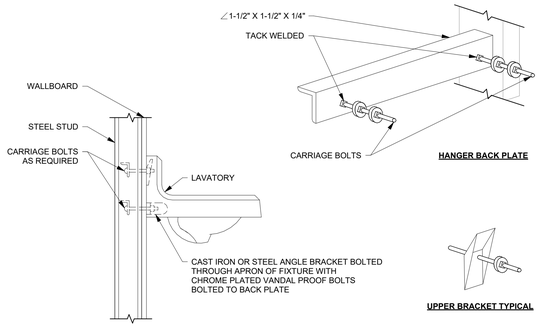
NOTES:

1. FOR PIPING SMALLER THAN 1 1/2" INCHES AND LOCATED IN PARTITIONS WITHIN CONDITIONED SPACES, REDUCTION OF THESE THICKENESS BY 1" SHALL BE PERMITTED, BUT NOT TO A THICKNESS LESS THAN 1 INCH.

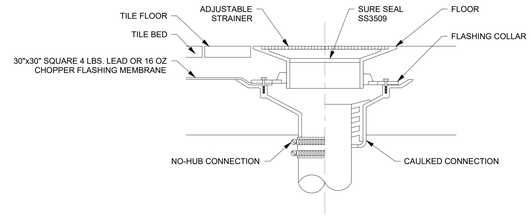
2. FOR DIRECT-BURIED HEATING AND HOT WATER PIPING, REDUCTION OF THICKNESSES BY 1 1/2" SHALL BE PERMITTED, BUT NOT LESS THAN 1 INCH



4 CLEANOUT - WALL DETAIL
SCALE: NTS

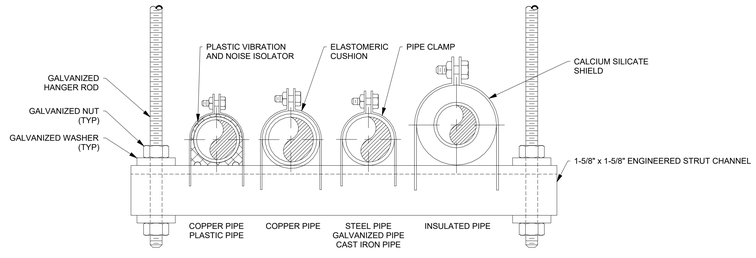


2 LAVATORY MOUNTING FOR METAL STUDS
SCALE: NTS



NOTES:
1. TRAP GUARD NOT REQUIRED IN ROOMS WITH HOSE BIB(S)
2. THIS INCLUDES POOL ROOMS, BOILER ROOM, PUMP ROOM & UTILITY ROOM

3 FLOOR DRAIN
SCALE: NTS



1 TRAPEZE PIPE HANGER DETAIL
SCALE: NTS

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REV DATE DESCRIPTION

INTERMOUNTAIN HEBER VALLEY HOSPITAL

1485 U.S. HWY 40, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

PLUMBING SCHEDULES

PE601

11/6/2025 3:10:52 PM

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
ELECTRICAL POWER AND DISTRIBUTION	
	FUSE WITH RATING (ONE-LINE DIAGRAM).
	DISCONNECT, FUSED (ONE-LINE DIAGRAM).
	DISCONNECT, NONFUSED (ONE-LINE DIAGRAM).
	OVERLOAD RELAY (ONE-LINE DIAGRAM).
	STARTER (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER (ONE-LINE DIAGRAM).
S.T.	CIRCUIT BREAKER WITH SHUNT TRIP (ONE-LINE DIAGRAM).
MCP	CIRCUIT BREAKER, MOTOR CIRCUIT PROTECTION (ONE-LINE DIAGRAM).
#AF #AT	CIRCUIT BREAKER, ADJUSTABLE TRIP. "#AF" REPRESENTS FRAME RATING. "#AT" REPRESENTS TRIP UNIT. (ONE-LINE DIAGRAM).
LSIG	CIRCUIT BREAKER, ADJUSTABLE TRIP CURVE. L=LONG TIME CURVE ADJUSTMENT, S=SHORT TIME CURVE ADJUSTMENT, I=INSTANTANEOUS CURVE ADJUSTMENT, G=GROUND FAULT ADJUSTMENT FULLY COMPLIANT WITH NEC 210.13, 215.10 AND 230.95. (ONE-LINE DIAGRAM).
	MOTOR.
	TRANSFORMER (ONE-LINE DIAGRAM).
	POTENTIAL TRANSFORMER (PT/VT) (ONE-LINE DIAGRAM).
	CURRENT TRANSFORMER (CT) (ONE-LINE DIAGRAM).
"1DPHA"	DISTRIBUTION PANELBOARD, MOTOR CONTROL CENTER, PLUG-IN BUSWAY, MEDIUM VOLTAGE SWITCHBOARD (ONE-LINE DIAGRAM).
"1H"	PANELBOARD (ONE-LINE DIAGRAM).
225/3 "1H"	PANELBOARD WITH MAIN LUGS ONLY. BUS SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
225/3 "1H"	PANELBOARD WITH MAIN CIRCUIT BREAKER. SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
LIGHTING	
(W-3)	FIXTURE IDENTIFICATION: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
(W-3E)	FIXTURE IDENTIFICATION: EMERGENCY LIGHTING FIXTURE WITH BATTERY PACK AND/ OR GENERATOR AND/ OR CENTRALIZED INVERTER AND/ OR CENTRALIZED UPS CONNECTION AS INDICATED IN PLANS. (W-3E) INDICATES FIXTURE TYPE AS SCHEDULED.
EM	EMERGENCY.
NL	NIGHT LIGHT: DO NOT SWITCH.
	EGRESS DIRECTION ARROW (EXIT SIGNS).
	EXIT SIGN: SINGLE FACE; CEILING MOUNTED
	EXIT SIGN: SINGLE FACE; WALL MOUNTED
	EXIT SIGN: DOUBLE FACE; CEILING MOUNTED
	EXIT SIGN: DOUBLE FACE; WALL MOUNTED
LIGHTING CONTROL	
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, WALL.
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, DIRECTIONAL.
P	PHOTOCELL.
P	PHOTOCELL, WALL MOUNTED.
	VACANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	VACANCY SENSOR, DUAL TECHNOLOGY, WALL.
	CEILING FAN.
	SWITCH/OCCUPANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
	SWITCH/VACANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
	DIMMER SWITCH/OCCUPANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
	DIMMER SWITCH/VACANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
a,b	LOW VOLTAGE DIGITAL LIGHTING CONTROL SWITCH: LETTER "a,b" INDICATES ZONING WHERE SHOWN (REFER TO PLANS, SCHEDULES, AND DETAILS FOR EXACT BUTTON CONFIGURATION AND PROGRAMMING REQUIREMENTS)
RC	DIGITAL LIGHTING ROOM CONTROLLER
DC	DIGITAL LIGHTING DIMMING CONTROLLER
ET	LIGHTING EMERGENCY TRANSFER DEVICE
L X	LIGHTING SPACE CONTROL TYPE. X INDICATES TYPE. SEE SCHEDULE / DIAGRAM.

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
REFERENCE AND LINE SYMBOLS	
A5 E-501	DETAIL INDICATOR: A5 INDICATES DETAIL NUMBER, E-501 INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
A5 E-201	ELEVATION OR SECTION INDICATOR, EXTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
A5 E-201	ELEVATION OR SECTION INDICATOR, INTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
ROOM NAME 100	ROOM IDENTIFIER WITH ROOM NAME AND NUMBER.
1	KEYNOTE INDICATOR.
1	REVISION INDICATOR.
CU-1	EQUIPMENT INDICATOR.
	BREAK, STRAIGHT: TO BREAK PARTS OF DRAWING
	BREAK, ROUND
MATCH LINE SEE XX/X-XXX	MATCH LINE INDICATOR: CENTER, EXTRA WIDE LINE.
	NEW LINE: MEDIUM LINE.
	EXISTING TO REMAIN LINE: THIN LINE.
	DEMOLITION LINE: DASHED, MEDIUM LINE
	PROPERTY LINE: DASHED, WIDE LINE.
	CONTRACT LIMIT LINE: DASHDOT, WIDE LINE.
WIRING METHODS	
	WIRING.
A-1	SINGLE BRANCH CIRCUIT HOME RUN TO PANELBOARD WITH DEDICATED NEUTRAL CONDUCTOR. LETTER AND NUMBER NOTATION IDENTIFY PANEL AND CIRCUIT NUMBER.
A-1,3,5	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS.
1 A-1,3,5	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS. NUMBER IN BOX REFERS TO THE CONDUCTOR AND CONDUIT SCHEDULE.
	LOW VOLTAGE WIRING: DIVIDE, MEDIUM LINE.
	CONDUIT STUB. DIMENSION RECORD DRAWINGS AND MARK.
1	CONDUCTOR & CONDUIT ("CC") SCHEDULE INDICATOR. REFER TO ONE-LINE DIAGRAM.
HC	ADA ACCESS PUSH PLATE
	JUNCTION BOX.
C	JUNCTION BOX, CEILING.
SC	JUNCTION BOX, SYSTEMS FURNITURE COMMUNICATION CONNECTION.
SP	JUNCTION BOX, SYSTEMS FURNITURE POWER CONNECTION.
	LADDER RACK.
—J—J—	CABLE J-HOOKS ABOVE ACCESSIBLE CEILING.
	MECHANICAL EQUIPMENT CONNECTION. REFER TO EQUIPMENT SCHEDULE FOR REQUIREMENTS.
	GROUND BUSBAR. REFER TO GROUNDING RISER DIAGRAM FOR ADDITIONAL INFORMATION.
FIRE ALARM	
FAA	FIRE ALARM ANNUNCIATOR PANEL.
FACP	FIRE ALARM CONTROL PANEL, SEMI-RECESSED.
FATC	FIRE ALARM TERMINAL CABINET: NAC, SLC, SPEAKER CIRCUITS; AMPLIFIERS, BATTERIES
C	AUTOMATIC DOOR CLOSERS: DOOR CLOSERS SHALL BE FURNISHED WITH DOOR HARDWARE AND CONNECTED BY FIRE ALARM INSTALLER.
CM	CONTROL MODULE.
MM	MONITOR MODULE.
F	FIRE ALARM MANUAL PULL STATION.
R	SHUT DOWN RELAY: INSTALL RELAY IN CONTROL CIRCUIT OF EQUIPMENT TO BE CONTROLLED IN THE EVENT OF A FIRE.
	MAGNETIC DOOR HOLDER.
	DETECTOR, SMOKE.
	DETECTOR, SMOKE, WALL MOUNTED.
	DETECTOR, SMOKE, DUCT WITH HOUSING AND SAMPLING TUBE.
SD	SMOKE DAMPER. 120V POWER FROM ELECTRICAL SYSTEM.
FSD	COMBINATION FIRE/SMOKE DAMPER. 120V POWER FROM ELECTRICAL SYSTEM.
	STROBE, WALL MOUNTED.
75	STROBE, WALL MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY.
75	ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY. SUBSCRIPT INDICATES CANDELA RATING.
C	ALARM, CHIME/STROBE, WALL MOUNTED, ONE ASSEMBLY.

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
WIRING DEVICES	
	RECEPTACLE, DUPLEX: NEMA 5-20R.
A	RECEPTACLE, DUPLEX, ABOVE COUNTER: NEMA 5-20R.
C	RECEPTACLE, DUPLEX, CEILING: NEMA 5-20R.
DF	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, DRINKING FOUNTAIN: CONCEAL WATER COOLER RECEPTACLE BEHIND WATER COOLER. SEE MECHANICAL/PLUMBING SHOP DRAWINGS FOR INSTALLATION REQUIREMENTS.
W	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WET LABEL, "WEATHERPROOF IN USE": NEMA 5-20R.
	RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R.
	RECEPTACLE, DUPLEX ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, DUPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R.
WP	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
	RECEPTACLE, SPECIAL PURPOSE. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG.
	RECEPTACLE, SPECIAL PURPOSE ON EMERGENCY POWER. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG.
	MULTI-OUTLET ASSEMBLY: NEMA 5-20R.
FB#.D#.A#	FLUSH FLOOR BOX. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. FB# = FLOORBOX, RECTANGULAR COVER, GANGS FR# = FLOORBOX, ROUND COVER, GANGS D# = DATA CABLES A# = A/V GANGS
PP#	POWER POLE. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
PT#.D#.A#	FLUSH FIRE RATED POKE THRU. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. PT# = POKE-THRU GANGS D# = DATA CABLES A# = A/V GANGS
	SWITCH, DIMMER.
X $	SWITCH, SINGLE POLE ("x" INDICATES FIXTURES CONTROLLED).
X $2	SWITCH, DOUBLE POLE ("x" INDICATES FIXTURES CONTROLLED).
X $3	SWITCH, THREE-WAY ("x" INDICATES FIXTURES CONTROLLED).
X $4	SWITCH, FOUR-WAY ("x" INDICATES FIXTURES CONTROLLED).
$WP	SWITCH, WEATHERPROOF.
T	RECEPTACLE, DUPLEX, TAMPER RESISTANT: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, DUPLEX, WITH USB OUTLET
CLOCK	
C	CLOCK.
C G	CLOCK, SURFACE WITH WIRE GUARD.
TV DISTRIBUTION	
T	TV DISTRIBUTION CABLE, INDIVIDUAL DROPS.
TR	TV DISTRIBUTION CABLE, TRUNK.
CMB	COMBINER.
DC	DIRECTIONAL COUPLER.
DA	DISTRIBUTION AMPLIFIER (ONE-LINE DIAGRAM).
SPL	SPLITTER (ONE-LINE DIAGRAM).
	TV OUTLET.
	SATELLITE ANTENNA.
	TV ANTENNA (ONE-LINE DIAGRAM).
	TERMINATOR, 75 OHM (TV DISTRIBUTION).
X	HDMI RECEPTACLE WITH SINGLE GANG BACKBOX AND 1.25" CONDUIT STUBBED TO ACCESSIBLE CEILING. PROVIDE 2.1 HDMI CABLE BETWEEN HDMI RECEPTACLES. "X" INDICATES QUANTITY OF HDMI PORTS WHEN GREATER THAN 1.

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
ELECTRICAL POWER AND DISTRIBUTION	
225/3 "1H" 60/3	PANELBOARD WITH MAIN AND SUB FEED CIRCUIT BREAKER (ONE-LINE DIAGRAM).
225/3 "1H" 25/3	PANELBOARD WITH MAIN LUGS ONLY AND SURGE PROTECTION WITH CIRCUIT BREAKER (ONE-LINE DIAGRAM).
225/3 "1H" 225/3 "1H"	PANELBOARD WITH SUB FEED LUGS (ONE-LINE DIAGRAM).
225/3 "1H" "1H"	PANELBOARD WITH CIRCUIT BREAKER AND SUB FEED LUGS (ONE-LINE DIAGRAM).
	CT CABINET PER UTILITY'S REQUIREMENTS (ONE-LINE DIAGRAM).
	CT CABINET PER UTILITY'S REQUIREMENTS (ONE-LINE DIAGRAM).
	TRANSFER SWITCH (ONE-LINE DIAGRAM).
DMM	DIGITAL MULTIMETER (ONE-LINE DIAGRAM).
	EARTH GROUND (ONE-LINE DIAGRAM).
	SERVICE ENTRANCE SURGE PROTECTION (ONE-LINE DIAGRAM).
ANN	GENERATOR, ANNUNCIATOR (ONE-LINE DIAGRAM).
EPO	PUSH BUTTON, REMOTE EMERGENCY STOP.
G	GENERATOR, POWER (ONE-LINE DIAGRAM).
K	KIRK-KEY MECHANICAL INTERLOCK (ONE-LINE DIAGRAM)
M	METER.
BBF	BROAD BAND FILTER (ONE-LINE DIAGRAM).
VFC VFD	VARIABLE FREQUENCY MOTOR CONTROLLER (ONE-LINE DIAGRAM).
	DIODE (ONE-LINE DIAGRAM).
	DISCONNECT SWITCH, FUSED.
	DISCONNECT SWITCH, UNFUSED.
	STARTER, COMBINATION WITH DISCONNECT SWITCH.
	STARTER OR MOTOR CONTROLLER.
	PUSHBUTTON.
	PUSHBUTTONS, MOTOR CONTROL.
	PANELBOARD CABINET, FLUSH MOUNTED.
	PANELBOARD CABINET, SURFACE MOUNTED, 1 SECTION.
	PANELBOARD CABINET, SURFACE MOUNTED, 2 SECTION.
DP#__	DISTRIBUTION PANEL OR SWITCHBOARD.
LP	LIGHTING RELAY, CONTACTOR PANEL, OR DIMMING ENCLOSURE.
$ST	SWITCH, TOGGLE MOTOR STARTER WITH OVERLOAD PROTECTION.
	TRANSFORMER (SEE ONE-LINE FOR SIZE)
B B	BUSWAY.
	SPECIALIZED TRANSFER SWITCH (ONE-LINE DIAGRAM).
GESM	GENERATOR ENGINE START MONITORING SYSTEM GENERATOR MODULE (ONE-LINE DIAGRAM).
ESM	GENERATOR ENGINE START MONITORING SYSTEM ATS MODULE (ONE-LINE DIAGRAM).
PRM	PHASE ROTATION MONITOR (ONE-LINE DIAGRAM).

ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

1P	SINGLE POLE
1PH	SINGLE-PHASE
1WAY	ONE-WAY
2/C	TWO-CONDUCTOR
2WAY	TWO-WAY
3/C	THREE-CONDUCTOR
3WAY	THREE-WAY
4OUT	QUADRUPLE RECEPTACLE OUTLET
4PDT	FOUR-POLE DOUBLE THROW
4PST	FOUR-POLE SINGLE THROW
4W	FOUR-WIRE
4WAY	FOUR-WAY
A	ABOVE COUNTER
AC	ARMORED CABLE
ACS	ACCESS CONTROL SYSTEM
ADA	AMERICANS WITH DISABILITIES ACT
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CAPACITY
ALUM	ALUMINUM
AMP	AMPERE
ANN	ANNUNCIATOR
AP	ACCESS POINT (WIRELESS DATA)
AR	AS REQUIRED
ASC	AMPS SHORT CIRCUIT
ATS	AUTOMATIC TRANSFER SWITCH
AV	AUDIO VISUAL
AWG	AMERICAN WIRE GAGE
BB XFMR	BUCK-BOOST TRANSFORMER
BFF	BELOW FINISHED FLOOR
BFG	BELOW FINISHED GRADE
C	CEILING MOUNTED
CAT	CATEGORY
CATV	COMMUNITY ANTENNA TELEVISION
CB	CIRCUIT BREAKER
CCBA	CUSTOM COLOR AS SELECTED BY ARCHITECT
CCTV	CLOSED CIRCUIT TELEVISION
CF/CI	CONTRACTOR FURNISHED/ CONTRACTOR INSTALLED
CF/OI	CONTRACTOR FURNISHED/ OWNER INSTALLED
CFBA	CUSTOM FINISH AS SELECTED BY ARCHITECT
CI	CONTACT INDICATOR
CKT	CIRCUIT
CM	CONSTRUCTION MANAGER
CND	CONDUIT
CO	CONVENIENCE OUTLET
COR	CONTRACTING OFFICER'S REPRESENTATIVE
CP	CONTROL PANEL
CR	CARD READER
CT	CURRENT TRANSFORMER
CTV	CABLE TELEVISION
CU	COPPER
dBA	UNIT OF SOUND LEVEL
DPDT	DOUBLE POLE, DOUBLE THROW
DS	DISCONNECT SWITCH
E	ENHANCED
EA	EACH
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ENT	ELECTRIC NONMETALLIC TUBING
EPO	EMERGENCY POWER OFF
EQUIP	EQUIPMENT
ER	EQUIPMENT ROOM
EX	EXISTING
F	FURNITURE MOUNTED
FA	FIRE ALARM
FCP	FIRE ALARM CONTROL PANEL
FLA	FULL LOAD AMPS
FMC	FLEXIBLE METAL CONDUIT
FOB	FREIGHT ON BOARD
FPP	FIBER PATCH PANEL
FVNR	FULL VOLTAGE NON-REVERSING
FVR	FULL VOLTAGE REVERSING
GEN	GENERATOR
GFCI	GROUND FAULT INTERRUPTER
GFP	GROUND FAULT PROTECTION
GIG	GIGA HERTZ
GND	GROUND
HD	HEAVY DUTY
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTOMATIC
HP	HORSE POWER
HPF	HIGH POWER FACTOR
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HWM	HORIZONTAL WIRE MANAGEMENT
HZ	HERTZ
I/O	INPUT/ OUTPUT
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
IN/IS	INSULATED/ ISOLATED
IR	INFRARED
J-BOX	JUNCTION BOX
kV	KILOVOLT
kVA	KILOVOLT AMPERE
kVAR	KILOVOLT AMPERE REACTIVE
kW	KILOWATT
kWh	KILOWATT HOUR
LED	LIGHT EMITTING DIODE
LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
LFNC	LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT
LPS	LOW PRESSURE SODIUM
LRA	LOCKED ROTOR AMPS
LTG	LIGHTING
LV	LOW VOLTAGE
MATV	MASTER ANTENNA TELEVISION SYSTEM
MAX	MAXIMUM
MC	METAL CLAD
MCA	MINIMUM CIRCUIT AMPS
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTION
MDP	MAIN DISTRIBUTION PANEL
MG	MOTOR GENERATOR
MH	MANHOLE
MIN	MINIMUM
MLO	MAIN LUGS ONLY
MOCP	MAXIMUM OVERCURRENT PROTECTION
MTS	MANUAL TRANSFER SWITCH
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFC	NATIONAL FIRE CODE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	ON CENTER
OCP	OVER CURRENT PROTECTION
OE	OWNER ELECTRONICS
OF/CI	OWNER FURNISHED/ CONTRACTOR INSTALLED
OF/OI	OWNER FURNISHED/ OWNER INSTALLED
OFP	OBTAIN FROM PLANS
OH DR	OVERHEAD (COILING) DOOR
OL	OVERLOAD
PB	PUSHBUTTON
PF	POWER FACTOR
PH	PHASE
PNL	PANEL
PNM	PLENUM
PR	PAIR
PS	POWER SUPPLY
PT	POTENTIAL TRANSFORMER
PTZ	PAN/TILT/ZOOM
PV	PHOTO VOLTAIC
QTY	QUANTITY
R	REMOVE
RCP	REFLECTED CEILING PLAN
RMC	RIGID METAL CONDUIT
RNC	RIGID NONMETAL CONDUIT
RO	REMOTE DOOR OPEN
RPM	REVOLUTIONS PER MINUTE
RPP	RISER PATCH PANEL
RR	REMOVE AND RELOCATE
S/S	START/STOP
SCA	SHORT CIRCUIT AMPS
SCBA	STANDARD COLOR AS SELECTED BY ARCHITECT
SEC	SECURITY
SF	SQUARE FOOT (FEET)
SFBA	STANDARD FINISH AS SELECTED BY ARCHITECT
SPD	SURGE PROTECTIVE DEVICE
SPDT	SINGLE POLE, DOUBLE THROW
SPEC	SPECIFICATION
SPP	STATION PATCH PANEL
SPST	SINGLE POLE, SINGLE THROW
ST	SINGLE THROW
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TL	TWIST LOCK
TP	TELEPHONE POLE
TP	TWISTED PAIR
TR	TELECOMMMUNICATIONS ROOM
TTB	TELEPHONE TERMINAL BOARD
TV	TELEVISION
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSER
TYP	TYPICAL
UF	UNDERFLOOR
UGND	UNDERGROUND
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLTS
VA	VOLT AMPERE
VFC/VFD	VARIABLE FREQUENCY MOTOR CONTROLLER
VIC	VIDEO INTERCOM SYSTEM
VSS	VIDEO SURVEILLANCE SYSTEM
VWM	VERTICAL WIRE MANAGEMENT
W/	WITH
W/O	WITHOUT
WP	WEATHERPROOF
WPP	WIRELESS PATCH PANEL
XFMR	TRANSFORMER

DEFINITIONS

NOTE: ALL DEFINITIONS MAY NOT BE USED.

INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.

DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.

APPROVED: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.

FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."

INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."

PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."

INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.

TECHNOLOGY SYSTEMS: THE TERM "TECHNOLOGY SYSTEMS" IS USED TO DESCRIBE ALL LOW VOLTAGE SYSTEMS GENERALLY REFERRED TO AS "SPECIAL SYSTEMS". THESE SYSTEMS INCLUDE BUT ARE NOT NECESSARILY LIMITED TO ALL SYSTEMS WHICH UTILIZE VOLTAGES OF LESS THAN 71 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLING SYSTEMS, ETC...

GENERAL ELECTRICAL NOTES

1. CLARIFICATION METHODS: AT THE TIME OF BIDDING, BIDDERS SHALL FAMILIARIZE THEMSELVES WITH THE DRAWINGS AND SPECIFICATIONS. ANY QUESTIONS, MISUNDERSTANDINGS, CONFLICTS, DELETIONS, DISCONTINUED PRODUCTS, CATALOG NUMBER DISCREPANCIES, DISCREPANCIES BETWEEN THE EQUIPMENT SUPPLIED AND THE INTENT OR FUNCTION OF THE EQUIPMENT, ETC, SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER IN WRITING FOR CLARIFICATION PRIOR TO ISSUANCE OF THE FINAL ADDENDUM AND BIDDING OF THE PROJECT. WHERE DISCREPANCIES OR MULTIPLE INTERPRETATIONS OCCUR, THE MOST STRINGENT (WHICH IS GENERALLY RECOGNIZED AS THE MOST COSTLY) THAT MEETS THE INTENT OF THE DOCUMENTS SHALL BE ENFORCED.

2. OWNER FURNISHED ITEMS: THE OWNER WILL FURNISH MATERIAL AND EQUIPMENT AS INDICATED IN THE CONTRACT DOCUMENTS TO BE INCORPORATED INTO THE WORK. THESE ITEMS ARE ASSIGNED TO THE INSTALLER AND COSTS FOR RECEIVING, HANDLING, STORAGE, IF REQUIRED, AND INSTALLATION ARE INCLUDED IN THE CONTRACT SUM.
   A. THE INSTALLER'S RESPONSIBILITIES ARE THE SAME AS IF THE INSTALLER FURNISHED THE MATERIALS OR EQUIPMENT.
   B. THE OWNER WILL ARRANGE AND PAY FOR DELIVERY OF OWNER FURNISHED ITEMS FREIGHT ON BOARD JOB SITE AND THE INSTALLER WILL INSPECT DELIVERIES FOR DAMAGE. IF OWNER FURNISHED ITEMS ARE DAMAGED, DEFECTIVE OR MISSING, DOCUMENT DAMAGED ITEMS WITH THE TRANSPORT COMPANY AND THE OWNER WILL ARRANGE FOR REPLACEMENT. THE OWNER WILL ALSO ARRANGE FOR MANUFACTURER'S FIELD SERVICES, AND THE DELIVERY OF MANUFACTURER'S WARRANTIES AND BONDS TO THE INSTALLER.
   C. THE INSTALLER IS RESPONSIBLE FOR DESIGNATING THE DELIVERY DATES OF OWNER FURNISHED ITEMS AND FOR RECEIVING, UNLOADING AND HANDLING OWNER FURNISHED ITEMS AT THE SITE.THE INSTALLER IS RESPONSIBLE FOR PROTECTING OWNER FURNISHED ITEMS FROM DAMAGE, INCLUDING DAMAGE FROM EXPOSURE TO THE ELEMENTS, AND TO REPAIR OR REPLACE ITEMS DAMAGED AS A RESULT OF HIS OPERATIONS.

3. EXPOSED STRUCTURE AREAS (EXCLUDING MECHANICAL, ELECTRICAL, AND COMMUNICATION SPACES): INSTALL RACEWAYS BETWEEN DECK AND STRUCTURE WHEREVER POSSIBLE IN EXPOSED STRUCTURE CEILING AREAS. ROUTE RACEWAYS IN CONCEALED AREAS WHEREVER POSSIBLE. REFER ALL CONDITIONS WHERE RACEWAYS MUST BE INSTALLED WHICH CANNOT COMPLY WITH THESE REQUIREMENTS TO THE ARCHITECT.

4. SUBMITTALS: PROVIDE ORIGINAL ELECTRONIC PDF FORMAT, BOUND, BOOKMARKED (EACH SECTION AND PRODUCT), AND HIGHLIGHTED. JOB NAME AND SUBCONTRACTOR SHALL BE ON THE FRONT COVER. PREPARE INDEX OF EQUIPMENT SUBMITTED IN EACH TAB.

5. REFLECTED CEILING PLANS: COORDINATE THE LOCATION OF LIGHT FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS. REFER ALL DISCREPANCIES TO THE ARCHITECT AND ENGINEER.

6. ALL WORK SHALL BE DONE ACCORDING TO THE CURRENT NATIONAL ELECTRIC CODE (NEC), IBC, NFPA, AND IFC. COMPLIANCE AND FINAL APPROVAL IS SUBJECT TO THE ON SITE FIELD INSPECTION OF THE AHJ.

DEFERRED SUBMITTALS

DELEGATED DEFERRED DESIGN SUBMITTAL TO BE PROVIDED BY CONTRACTOR

FIRE ALARM SYSTEM

PROVIDE COMPLETE DIGITAL ADDRESSABLE FIRE ALARM SYSTEM IN COMPLIANCE WITH CURRENT NFPA AND ALL LOCAL BUILDING AND FIRE ALARM CODES SPECIFIC TO THIS PROJECT. THE SYSTEMS SHALL BE DESIGNED BY A NICET-CERTIFIED, FIRE ALARM TECHNICIAN, LEVEL III MINIMUM.

THE FIRE ALARM DRAWINGS, RISERS , AND SPECIFICATIONS ARE SHOWN AS A BASIS OF DESIGN TO SHOW INTENT FOR BIDDING, FINAL DOCUMENTS WITH CALCULATIONS SPECIFYING ALL REQUIRED DEVICES, CABLING, EQUIPMENT, AND PROGRAMMING ARE TO BE PROVIDED BY THE CONTRACTOR. THE CONTRACTORS BID SHALL INCLUDE THE FULL FIRE ALARM SYSTEM REQUIRED AND NOT BE LIMITED TO THE DEVICES AND TYPICAL RISER DIAGRAM SHOWN.

SEE BASIS OF DESIGN DRAWINGS AND SPECIFICATIONS FOR INTENDED DESIGN. COMPLY WITH THE CODE ANALYSIS AND BUILDING CONSTRUCTION TYPES OF THIS PROJECT, SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR BUILDING TYPE, OCCUPANCY, FIRE WALL SEPARATIONS, AND OTHER REQUIREMENTS THAT WILL HAVE AN EFFECT ON THE FIRE ALARM SYSTEM DESIGN.

ELECTRICAL SHEET INDEX

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INTERMOUNTAIN HEBER VALLEY HOSPITAL

PROJECT ADDRESS: 1485 U.S. HWY 40, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

ELECTRICAL COVER SHEET

EE001

11/6/2025 2:05:40 PM

CATEGORY INSERT COLOR SCHEDULE

INSERT COLOR	TYPE/ APPLICATION
BLUE	ANALOG PHONE DEVICES
BLUE	DATA DEVICES
BLUE	SECURITY DEVICES
ORANGE	MONITORING DEVICES
ORANGE	NURSE CALL DEVICES
RED	FORESEER DEVICES
YELLOW	WIRELESS ACCESS POINT DEVICES

DATA PATCH CORD SCHEDULE

(CATEGORY 6A F/UTP CABLES W/ RJ-45 CONNECTORS)

LENGTH (FEET)	COLOR	QUANTITY
5	BLUE	50% OF TOTAL PORTS IN TDR'S
7	BLUE	40% OF TOTAL PORTS IN TDR'S
10	BLUE	5% OF TOTAL PORTS IN TDR'S
15	BLUE	5% OF TOTAL PORTS IN TDR'S

EQUIPMENT/CABLE LIST

THE ITEMS INDICATED BELOW SHALL NOT BE CONSTRUED AS A "BILL OF MATERIALS". THIS LIST IDENTIFIES ITEMS OF SIGNIFICANCE USED DURING THE DESIGN OF THE CABLING INSTALLATION. WHERE THE ITEMS INDICATED ARE ONE PORTION OF AN ASSEMBLY, THE ENTIRE ASSEMBLY SHALL BE PROVIDED UNLESS OTHERWISE SPECIFIED. PROVIDE ALL MISCELLANEOUS HARDWARE AND SUPPORTS, WHICH MAY NOT BE LISTED HERE, FOR A COMPLETE INSTALLATION. COMPARE CATALOG NUMBERS WITH DESCRIPTIONS AND NOTIFY ENGINEER OF DISCREPANCIES PRIOR TO BID. IF CATALOG NUMBERS DO NOT MATCH DESCRIPTIONS, THE DESCRIPTIONS TAKE PRECEDENCE. PROVIDE COMPLETE SUBMITTAL FOR APPROVAL PRIOR TO PURCHASING ANY EQUIPMENT OR CABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

SYMBOL	ITEM DESCRIPTION	ACCEPTABLE TYPES
	STATION CABLE - CATEGORY 6A F/UTP, RISER RATED, BLUE, DATA	SIEMON 9A6R4-A5-06-R1A
	STATION CABLE - CATEGORY 6A F/UTP, PLENUM RATED, BLUE, DATA	SIEMON 9A6P4-A5-06-R1A
	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
▽	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	BLANK INSERT, WHITE	SIEMON MX-BL-02
	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
▽	NOTE: FOR FLOOR BOX APPLICATIONS ONLY, USE DECORA FRAME	SIEMON MX-D4Z-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	BLANK INSERT, WHITE	SIEMON MX-BL-02
	BLANK FILLER PANEL, 1RU FLAT PANEL, BLACK	SIEMON PNL-BLNK-1
SPP1	48 PORT, 1RU ANGLED PATCH PANEL W/ OUTLETS - DETACHABLE REAR MANAGER	SIEMON Z6AS-PA-48
	PATCH CABLE, CATEGORY 6A SHIELDED, BLUE, 5 FOOT	SIEMON SP6A-S05-06
	PATCH CABLE, CATEGORY 6A SHIELDED, BLUE, 7 FOOT	SIEMON SP6A-S07-06
	PATCH CABLE, CATEGORY 6A SHIELDED, BLUE, 10 FOOT	SIEMON SP6A-S10-06
	PATCH CABLE, CATEGORY 6A SHIELDED, BLUE, 15 FOOT	SIEMON SP6A-S15-06
HWM	HORIZONTAL WIRE MANAGERS, 4RU, BLACK	PANDUIT PR2HF4
VWM	VERTICAL WIRE MANAGERS, 10" WIDTH, 7 FEET HIGH, DOUBLE SIDED, BLACK	CHATSWORTH 40096-703
	EQUIPMENT RACK 19" WIDTH, 7 FEET HIGH, 45 RU, BLACK	CHATSWORTH 55053-703
	CABLE RUNWAY - 24", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES	CHATSWORTH 10250-724
	CABLE RUNWAY - 18", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES	CHATSWORTH 10250-718
	BUTT SPLICE KIT, BLACK	CHATSWORTH 11301-701
	JUNCTION SPLICE KIT, BLACK	CHATSWORTH 11302-701
	FOOT KIT, BLACK	CHATSWORTH 11309-701
	6" CHANNEL RACK TO RUNWAY, BLACK	CHATSWORTH 12409-724
	18" TRIANGLE BRACKETS, BLACK	CHATSWORTH 11746-718
	24" TRIANGLE BRACKETS, BLACK	CHATSWORTH 11746-724
	END CLOSING KIT, CABLE RUNWAY, BLACK	CHATSWORTH 11700-724
	18" WALL ANGLE SUPPORT KIT, CABLE RUNWAY, BLACK	CHATSWORTH 11421-718
	24" WALL ANGLE SUPPORT KIT, CABLE RUNWAY, BLACK	CHATSWORTH 11421-724
	CABLE RUNWAY ELEVATION KIT, 6"	CHATSWORTH 10506-706
	CABLE RUNWAY RADIUS DROP	CHATSWORTH 12100-712
	CABLE BASKET TRAY, GALVANIZED (REFER TO FLOOR PLANS FOR CABLE TRAY SIZING	CABLOFIL, LEGRAND, WBT, OR COOPER B-LINE
	RETRO FIT WALL KIT FOR CABLE TRAY PENETRATIONS THROUGH EXISTING WALLS (XX = CABLE TRAY WIDTH)	STI EZCTR6XX
	FIRE-RATED SLEEVES (2"x2" FOR ROOM PENETRATIONS, 4"x4" FOR J-HOOK PATHWAYS)	STI EZ PATH, HILTI
	SMOKE/ ACOUSTICAL-RATED SLEEVES (2"x2" FOR ROOM PENETRATIONS, 4"x4" FOR J-HOOK PATHWAYS)	STI EZ PATH, HILTI
	TRIPLE-TREE J-HOOKS	CADDY CAT64HPSWM3
	PLYWOOD BACKBOARD, 3/4"x4'x8', GRADE AC, FIRE-TREATED & PAINTED WHITE (MOUNT 6" AFF)	
	TELECOMMUNICATIONS MAIN GROUNDING BUS BAR	
	TELECOMMUNICATIONS GROUNDING BUS BAR	

NOTE: ALL RACKS, LADDER, PATCH PANELS AND ACCESSORIES SHALL BE BLACK IN COLOR.

GENERAL TELECOM NOTES

1 UNLESS OTHERWISE NOTED, INSTALL ALL CABLE INSIDE RACEWAY SYSTEMS. WHERE RACEWAY SYSTEMS HAVE NOT BEEN PROVIDED OR SPECIFIED, INSTALL CABLE THROUGH THE SPECIFIED "CADDY" CLIPS AT THE MINIMUM INTERVALS IDENTIFIED IN THE SPECIFICATIONS. SUPPORT "CADDY" CLIPS DIRECTLY FROM THE BUILDING STRUCTURE, NOT FROM OTHER BUILDING SYSTEM SUPPORT WIRES OR CABLE.

2 PROVIDE PLENUM RATED CABLE FOR ALL PLENUM SPACES. VERIFY THAT ANY PATHWAYS INSTALLED IN "WET OR DAMP" LOCATIONS, AS DETERMINED BY THE AHJ; SUCH AS PATHWAYS UNDER THE SLAB, ARE SUITABLE FOR THOSE LOCATIONS, AND THAT THE SPECIFIED CABLING SYSTEMS ARE ALSO SUITABLE FOR THOSE LOCATIONS.

3 LABEL ALL CABLE INSTALLED UNDER THIS CONTRACT REGARDLESS OF LENGTH, ACCORDING TO WRITTEN INSTRUCTIONS.

4 THE EQUIPMENT LABELING IDENTIFIED ON DETAILS IN THESE DRAWINGS ARE EXAMPLES ONLY OF THE ACTUAL LABELING, WHICH IS REQUIRED AS PART OF THIS CONTRACT. PRIOR TO FABRICATION, SUBMIT THE NOMENCLATURE FOR ALL LABELS TO THE OWNER FOR REVIEW. THIS REQUIREMENT INCLUDES, BUT IS NOT LIMITED TO, ALL CABLE LABELING AND ALL EQUIPMENT LABELING.

5 GROUND ALL EQUIPMENT RACKS, LADDER RACK, AND EQUIPMENT INSTALLED UNDER THIS CONTRACT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS AND WRITTEN SPEIFICATIONS.

6 COORDINATE WITH OWNER I.T. PERSONNEL ON EQUIPMENT RACK PATCH PANEL DENSITY PRIOR TO ANY CABLE TERMINATION.

7 FACEPLATE COLOR WILL BE DETERMINED BY THE ARCHITECT AND OWNER. FACEPLATE COLOR SHOULD MATCH ELECTRICAL FACEPLATE COLOR, UNLESS OTHERWISE SPECIFIED.

8 FOR EVERY PULL SPECIFIED, COIL 3 FEET OF EXCESS CABLE AT THE STATION END FOR FUTURE USE.

9 COORDINATE WITH ALL SUB-CONTRACTORS TO ENSURE THAT ALL CABLE SHALL BE PROTECTED FROM ANY DIRECT PAINT OR INCIDENTAL OVERSPRAY.

10 THE USE OF ZIP-TIES IS NOT ALLOWED TO BUNDLE CABLES (LACE OR TRAIN) IN LADDER RACK, CABLE TRAY, OR TO FINAL TERMINATION POINT. CONTRACTOR SHOULD UTILIZE "HOOK AND LOOP" FOR BUNDLING OF ALL CABLES.

11 THE USE OF ZIP-TIES IS NOT ALLOWED FOR THE SUPPORT OF CABLE, OR THE ATTACHMENT OF CABLES IN ANY CEILING SPACE. THE USE OF J-HOOKS IS REQUIRED FOR NON-CONTINUOUS PATHWAYS IN CEILINGS. CONTRACTORS SHOULD UTILIZE "HOOK AND LOOP" FOR BUNDLING OF ALL CABLES.

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CONSTRUCTION DOCUMENTS

TELECOM SCHEDULES AND NOTES

EE002

11/6/2025 2:05:43 PM

SYMBOL SCHEDULE

SYMBOL	DESCRIPTION	ROUGH-IN REQUIREMENTS	NOTES
ACS	ACCESS CONTROL SYSTEM HEAD END	SEE EY651	
IDS	INTRUSION DETECTION SYSTEM HEAD END	SEE EY651	
VSS	VIDEO SURVEILLANCE SYSTEM HEAD END	SEE EY651	
CR	CARD READER	4SQ J-BOX W/SINGLE GANG MUD RING AT 40" AFF; 0.75" CONDUIT TO ACS	
CR	CARD READER MULLION MOUNTED	AT 40" AFF; SEE DETAILS	
CR	CARD READER POE	4SQ J-BOX W/SINGLE GANG MUD RING AT 40" AFF; 0.75" CONDUIT TO ACS	
CR	CARD READER WITH KEYPAD	4SQ J-BOX W/SINGLE GANG MUD RING AT 40" AFF; 0.75" CONDUIT TO ACS	
CR	BIOMETRIC CARD READER	4SQ J-BOX W/SINGLE GANG MUD RING AT 40" AFF; 0.75" CONDUIT TO ACS	
CR	ANTI-LIGATURE CARD READER	4SQ J-BOX W/SINGLE GANG MUD RING AT 40" AFF; 0.75" CONDUIT TO ACS	
CR	CARD READER LEVER SET AND LOCK DEVICE	CABLING ROUTED THROUGH DOOR AND TRANSFER HINGE	
WR	WIRELESS CARD READER		
	SINGLE-IMAGER SURVEILLANCE CAMERA	REFER TO DETAIL XX/EYXXX	REFER TO TELECOM FOR CABLING
	DUAL-IMAGER SURVEILLANCE CAMERA	REFER TO DETAIL XX/EYXXX	REFER TO TELECOM FOR CABLING
	MULTI-IMAGER SURVEILLANCE CAMERA	REFER TO DETAIL XX/EYXXX	REFER TO TELECOM FOR CABLING
	PANORAMIC 360°/180° SURVEILLANCE CAMERA	REFER TO DETAIL XX/EYXXX	REFER TO TELECOM FOR CABLING
	PTZ MULTI-IMAGER SURVEILLANCE CAMERA	REFER TO DETAIL XX/EYXXX	REFER TO TELECOM FOR CABLING
	PTZ SURVEILLANCE CAMERA	REFER TO DETAIL XX/EYXXX	REFER TO TELECOM FOR CABLING
	DOOR LOCK TYPE [NO LETTER] - GENERIC LOCK [M] - MAG LOCK [L] - LEVER SET LOCK [S] - ELECTRIC STRIKE LOCK [C] - CRASH BAR LOCK [O] - AUTO OPERATOR [G] - GATE	SEE DOOR ROUGH IN DETAIL EY551	
	DOOR CONTACT INDICATOR	SEE DOOR ROUGH IN DETAIL EY551	
	DOOR CONTACT INDICATOR - HIGH SECURITY (HS)	SEE DOOR ROUGH IN DETAIL EY551	
	REQUEST TO EXIT DEVICE [NO LETTER] - GENERIC REX [M] - MOTION REX [L] - LEVER SET REX [C] - CRASH BAR REX [D] - DELAYED EGRESS REX	SEE DOOR ROUGH IN DETAIL EY551	
IC VIC KIC	INTERCOM STATION VIDEO INTERCOM STATION CARD ACCESS INTERCOM STATION	4SQ J-BOX W/SINGLE GANG MUD RING AT 48" AFF; 1" CONDUIT	REFER TO TELECOM FOR CABLING
MS SIP	INTERCOM MASTER STATION	4SQ J-BOX W/SINGLE GANG MUD RING AT 18" AFF UNDER COUNTER/DESK; 1" CONDUIT	REFER TO TELECOM FOR CABLING
	360° MOTION DETECTOR - CEILING MOUNTED	SINGLE GANG J-BOX; 0.75" CONDUIT	
	MOTION DETECTOR - WALL MOUNTED MOTION DETECTOR - CORNER MOUNTED	SINGLE GANG J-BOX; 0.75" CONDUIT STUB CONDUIT INTO WALL SPACE; 0.75" CONDUIT PENETRATION INTO CORNER OF WALL	
	SIREN	SINGLE GANG J-BOX; 0.75" CONDUIT	
(X) [XX]	CONTROL BUTTON [PB] - PANIC BUTTON [LB] - LOCK DOWN [DR] - DOOR RELEASE (T) - TRANSMITTER (R) - RECEIVER	SEE DETAIL, MOUNT UNDER DESK, COORDINATE EXACT LOCATION WITH OWNER	
WKS	WORKSTATION		COORDINATE POWER AND DATA ADJACENT TO LOCATION INDICATED ON PLANS.
MXX	DESKTOP MONITOR FOR WORKSTATION: "XX" - MONITOR SIZE; COORDINATE WITH OWNER.		COORDINATE POWER ADJACENT TO LOCATION INDICATED ON PLANS.
MXX	WALL MOUNTED MONITOR FOR VIDEO SURVEILLANCE AND SECURITY. "XX" - MONITOR SIZE; COORDINATE WITH OWNER.	CHIEF PAC525, PROVIDE WITH POWER IN ONE SIDE AND DATA IN OTHER SIDE. PROVIDE 1-1/4" C TO 4-11/16" BOX AT 18" AFF FOR MONITOR CABLE PASS THROUGH ADJACENT TO POWER AND DATA SERVING WORKSTATION.	HDMI OR DISPLAY PORT TO LOCAL WORKSTATION.

GENERAL PROJECT NOTES

1. PROVIDE PLENUM RATED CABLE FOR ALL SPECIFIED CABLE.
2. LABEL ALL CABLE INSTALLED UNDER THIS CONTRACT REGARDLESS OF LENGTH. ACCORDING TO WRITTEN SPECIFICATION.
3. THE EQUIPMENT LABELING IDENTIFIED ON DETAILS IN THESE DRAWINGS ARE EXAMPLES ONLY OF THE ACTUAL LABELING WHICH IS REQUIRED AS PART OF THIS CONTRACT. PRIOR TO FABRICATION, SUBMIT THE NOMENCLATURE FOR ALL LABELS TO THE OWNER FOR REVIEW. THIS REQUIREMENT INCLUDES BUT IS NOT LIMITED TO ALL CABLE LABELING, AND ALL EQUIPMENT LABELING.
4. COORDINATE WITH ALL SUBS TO ENSURE THAT ALL CABLE SHALL BE PROTECTED FROM ANY DIRECT PAINT OR INCIDENTAL OVERSPRAY.
5. CONTRACTOR SHALL REVIEW ALL DOOR HARDWARE ROUGH-IN INFORMATION AGAINST THE DOOR HARDWARE SPECIFICATION AND DOOR HARDWARE SCHEDULE TO VERIFY DOOR ROUGH-IN PRIOR TO CONSTRUCTION.
6. AIM CAMERAS, BACK FOCUS AND DEMONSTRATE VIEW TO OWNERS SATISFACTION, RE-AIM AND FOCUS AS REQUESTED BY OWNER.
7. CONNECT INTERCOM SYSTEM TO ACCESS CONTROL SYSTEM FOR REMOTE ENTRY. COORDINATE OPERATION WITH OWNER.

ABBREVIATIONS

SEC	SECURITY

GENERAL AUXILIARY NOTES

1. PROVIDE PLENUM RATED CABLE FOR ALL SPECIFIED CABLE.
2. LABEL ALL CABLE INSTALLED UNDER THIS CONTRACT REGARDLESS OF LENGTH. ACCORDING TO WRITTEN SPECIFICATION.
3. THE EQUIPMENT LABELING IDENTIFIED ON DETAILS IN THESE DRAWINGS ARE EXAMPLES ONLY OF THE ACTUAL LABELING WHICH IS REQUIRED AS PART OF THIS CONTRACT. PRIOR TO FABRICATION, SUBMIT THE NOMENCLATURE FOR ALL LABELS TO THE OWNER FOR REVIEW. THIS REQUIREMENT INCLUDES BUT IS NOT LIMITED TO ALL CABLE LABELING, AND ALL EQUIPMENT LABELING.
4. COORDINATE WITH ALL SUBS TO ENSURE THAT ALL CABLE SHALL BE PROTECTED FROM ANY DIRECT PAINT OR INCIDENTAL OVERSPRAY.
5. CONTRACTOR SHALL REVIEW ALL DOOR HARDWARE ROUGH-IN INFORMATION AGAINST THE DOOR HARDWARE SPECIFICATION AND DOOR HARDWARE SCHEDULE TO VERIFY DOOR ROUGH-IN PRIOR TO CONSTRUCTION.
6. AIM CAMERAS, BACK FOCUS AND DEMONSTRATE VIEW TO OWNERS SATISFACTION, RE-AIM AND FOCUS AS REQUESTED BY OWNER.
7. CONNECT INTERCOM SYSTEM TO ACCESS CONTROL SYSTEM FOR REMOTE ENTRY. COORDINATE OPERATION WITH OWNER.

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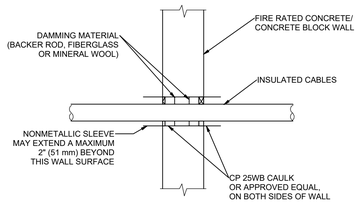
CONSTRUCTION DOCUMENTS

AUXILIARY SCHEDULES AND NOTES

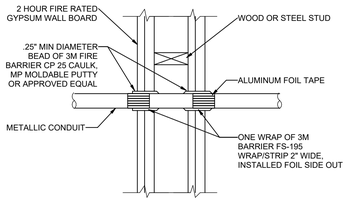
EE003

11/6/2025 2:05:44 PM



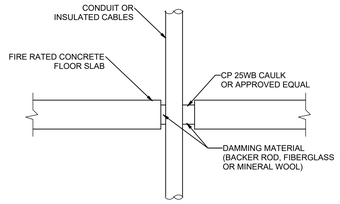
C1 TYPICAL FIRE STOP FOR CABLES/CONDUIT THROUGH CONCRETE WALLS

SCALE: NTS



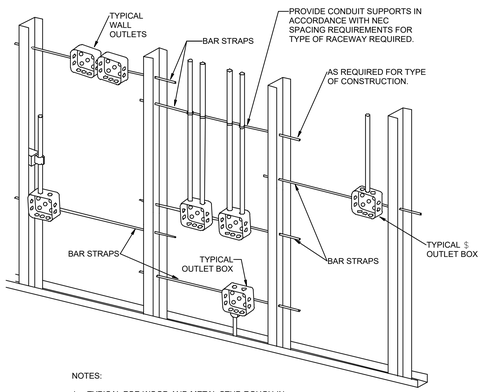
C2 FIRE STOP FOR METAL CONDUIT THROUGH GYPSUM WALL BOARD

SCALE: NTS



C3 TYPICAL FIRE STOP FOR CABLES/CONDUIT THROUGH CONCRETE FLOORING

SCALE: NTS

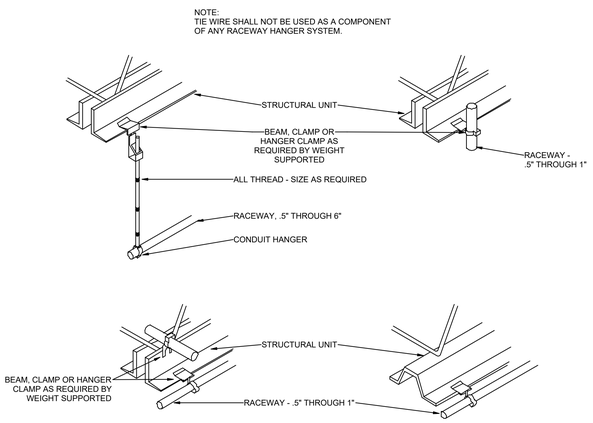


NOTES:

1. TYPICAL FOR WOOD AND METAL STUD ROUGH-IN.
2. PLASTER RINGS NOT SHOWN.
3. LOCATE ALL OUTLET BOXES IN ACCORDANCE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND WITH ALL APPLICABLE SHOP DRAWINGS.
4. IN ACCORDANCE WITH IBC 714.3.2 EXCEPTION 1, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS IN THE SAME STUD SPACE IN A RATED FIRE SEPARATION WALL MUST BE SEPARATED BY A MINIMUM OF 24" HORIZONTAL DISTANCE OR LISTED, SOUND AND FIRE RATED PUTTY PADS SHALL BE USED ON THE OUTLET BOXES.
5. IN NON-RATED WALLS, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS MUST BE SEPARATED BY 16" FOR SOUND ATTENUATION.

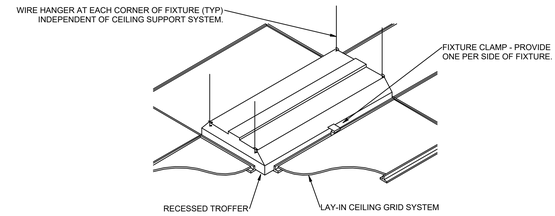
A1 TYPICAL ROUGH-IN REQUIREMENTS DETAIL

SCALE: NTS



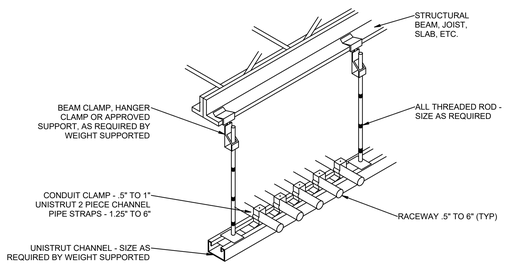
A2 TYPICAL RACEWAY SUPPORT METHODS DETAIL

SCALE: NTS



B4 RECESSED FIXTURE MOUNTING DETAIL

SCALE: NTS



A4 TYPICAL CONDUIT RACK DETAIL

SCALE: NTS

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CLIENT NUMBER: XXXXX
DATE: 11/06/2025

REV	DATE	DESCRIPTION

INTERMOUNTAIN HEBER VALLEY HOSPITAL

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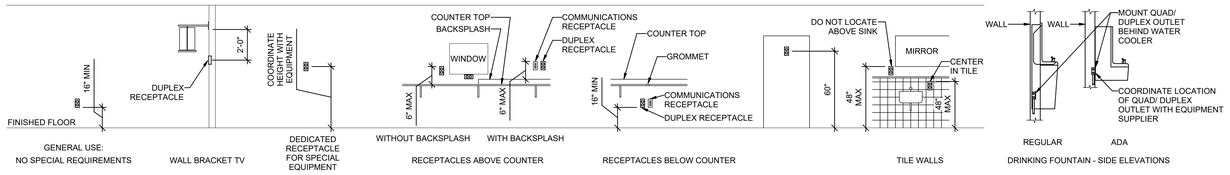
CONSTRUCTION DOCUMENTS

ELECTRICAL DETAILS

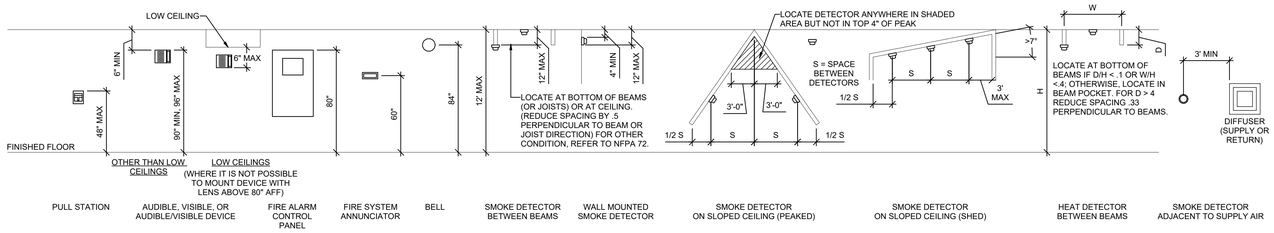
EE501

11/6/2025 2:05:46 PM



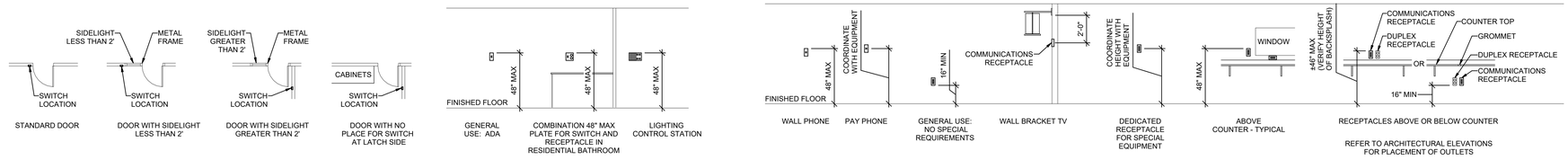
E2 RECEPTACLE MOUNTING DETAILS

SCALE: NTS



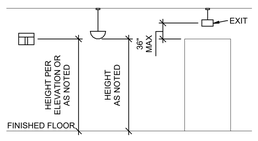
D2 FIRE ALARM MOUNTING DETAILS

SCALE: NTS



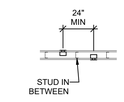
C2 SWITCH MOUNTING DETAILS

SCALE: NTS



B2 LIGHTING MOUNTING DETAILS

SCALE: NTS

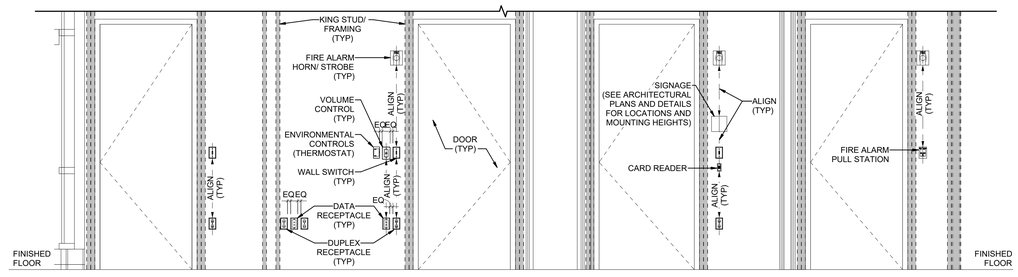


B3 BOX MOUNTING DETAILS

SCALE: NTS

C4 COMMUNICATIONS MOUNTING DETAILS

SCALE: NTS



B4 TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL

SCALE: NTS

GENERAL SHEET NOTES

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

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CONSTRUCTION DOCUMENTS

TYPICAL MOUNTING DETAILS

EE701

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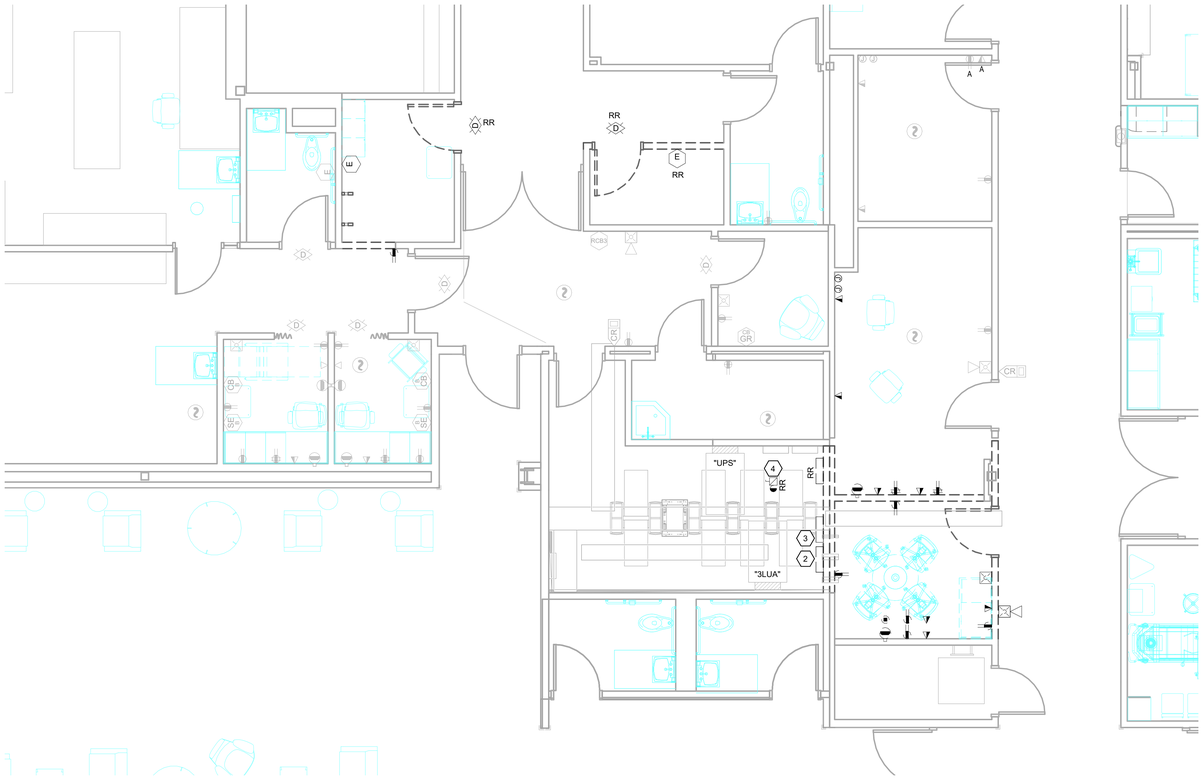
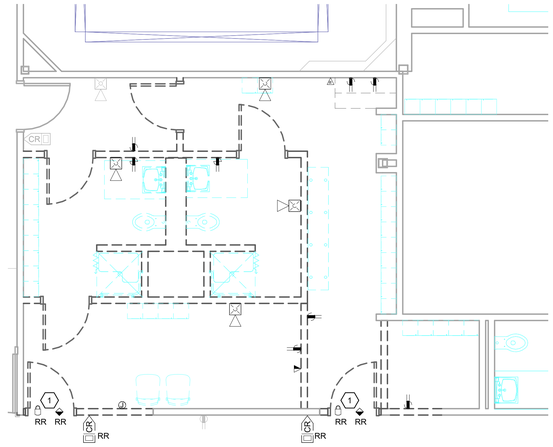
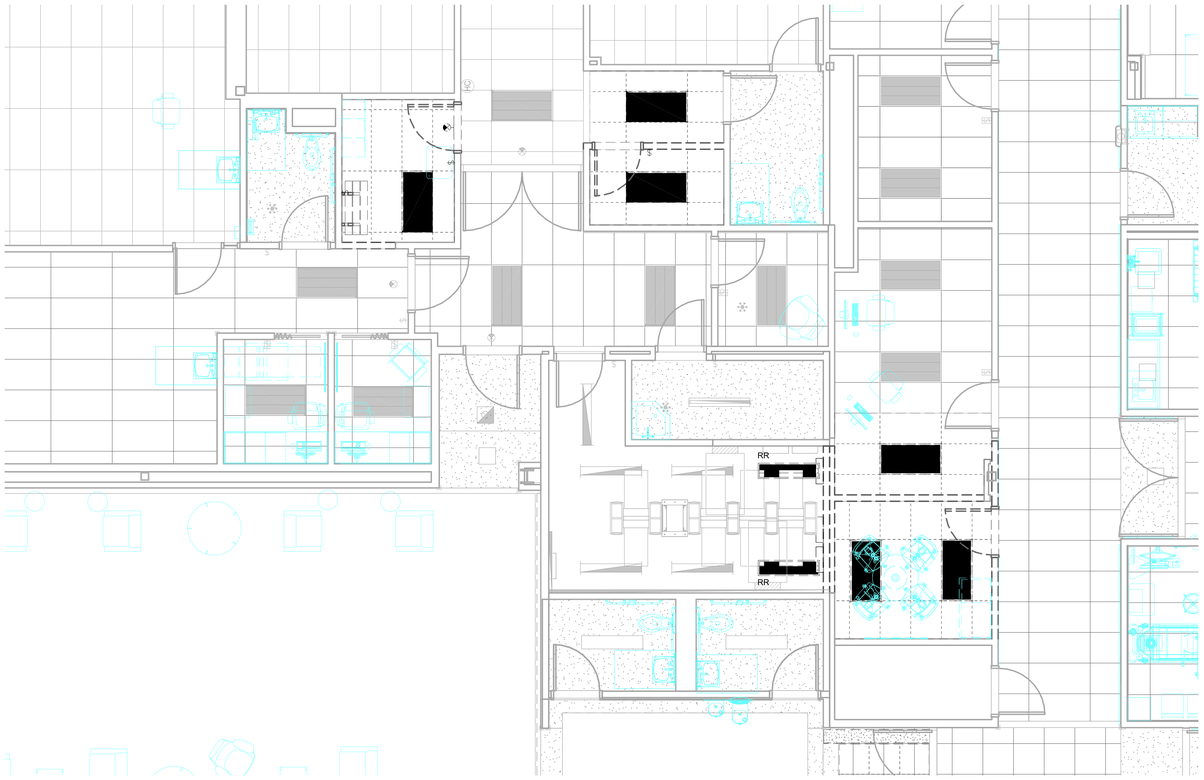


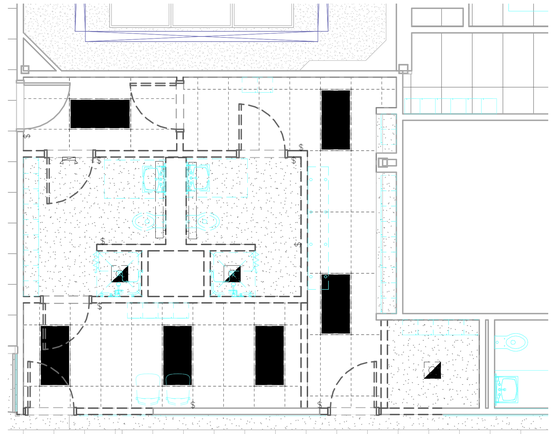
C1 LEVEL 1 ELECTRICAL DEMOLITION PLAN - BLOOD DRAW
SCALE: 1/4" = 1'-0"



C4 LEVEL 1 ELECTRICAL DEMOLITION PLAN - LOCKERS
SCALE: 1/4" = 1'-0"



A1 LEVEL 1 LIGHTING DEMOLITION PLAN - BLOOD DRAW
SCALE: 1/4" = 1'-0"



A4 LEVEL 1 LIGHTING DEMOLITION PLAN - LOCKERS
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

1 SALVAGE ALL CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.

2 PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.

3 PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.

4 REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, RE-ROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.

5 REMOVE ALL FIRE ALARM DEVICES WHERE EXISTING WALLS AND CEILINGS ARE BEING REMOVED, WITH ASSOCIATED CONDUIT AND WIRING. EXISTING FIRE ALARM DEVICES AND SYSTEM NOT INDICATED FOR REMOVAL SHALL REMAIN ACTIVE THROUGHOUT DEMOLITION AND CONSTRUCTION UNTIL THE NEW SYSTEM IS TESTED AND OPERATIONAL. MAINTAIN ALL CLASS A FIRE ALARM INITIATING AND INDICATING LOOPS WHERE EXISTING DEVICES ARE REMOVED.

6 REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.

7 DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.

8 REMOVE FEEDERS FOR ALL DEMOLISHED PANELS, DISCONNETS, ETC. BACK TO SOURCE

9 ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.

SHEET KEYNOTES

1 DOOR, POWER, AND LOW VOLTAGE DEVICES AND CONTROLS TO BE RELOCATED TO NEW LOCATION. EXTEND CABLING AS NEEDED.

2 REMOVE AND RELOCATE UPS BYPASS PANELS CURRENTLY LOCATED BEHIND THE RACK. COORDINATE THE NEW LOCATION WITH THE OWNER GROUP AND EXTEND CABLING TO THE NEW LOCATION.

3 UNKNOWN BOX AT THIS LOCATION. CONTRACTOR TO FIELD VERIFY AND DETERMINE WHAT WILL BE REQUIRED TO RELOCATE THE BOX TO A NEW LOCATION. IF THE BOX IS UNUSED CONTRACTOR TO DEMOLISH THE BOX AND ANY ABANDONED CABLING.

4 REMOVE AND RELOCATE THE EXISTING FAN COIL UNIT AND EXTEND CIRCUITRY TO THE NEW LOCATION.

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INTERMOUNTAIN HEBER VALLEY HOSPITAL

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CONSTRUCTION DOCUMENTS

LEVEL 1 ELECTRICAL DEMOLITION PLAN

ED101

11/6/2025 2:06:00 PM

A1 LEVEL 1 OVERALL POWER PLAN
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

1 PROVIDE DEDICATED NUETRALS FOR ALL BRANCH CIRCUITS.

2 PROVIDE TYPED AND UPDATED PANEL SCHEDULES FOR ALL PANELS AFFECTED BY PROJECT SCOPE.

3 ALL WIRING TO ADHEAR WITH THE REQUIREMENTS OF NEC 517.13.

1 PROVIDE A NEW 50A/3P BREAKER IN EXISTING PANEL EQDP.

2 PROVIDE A NEW 20A/3P BREAKER IN EXISTING PANEL EQLA.

SHEET KEYNOTES

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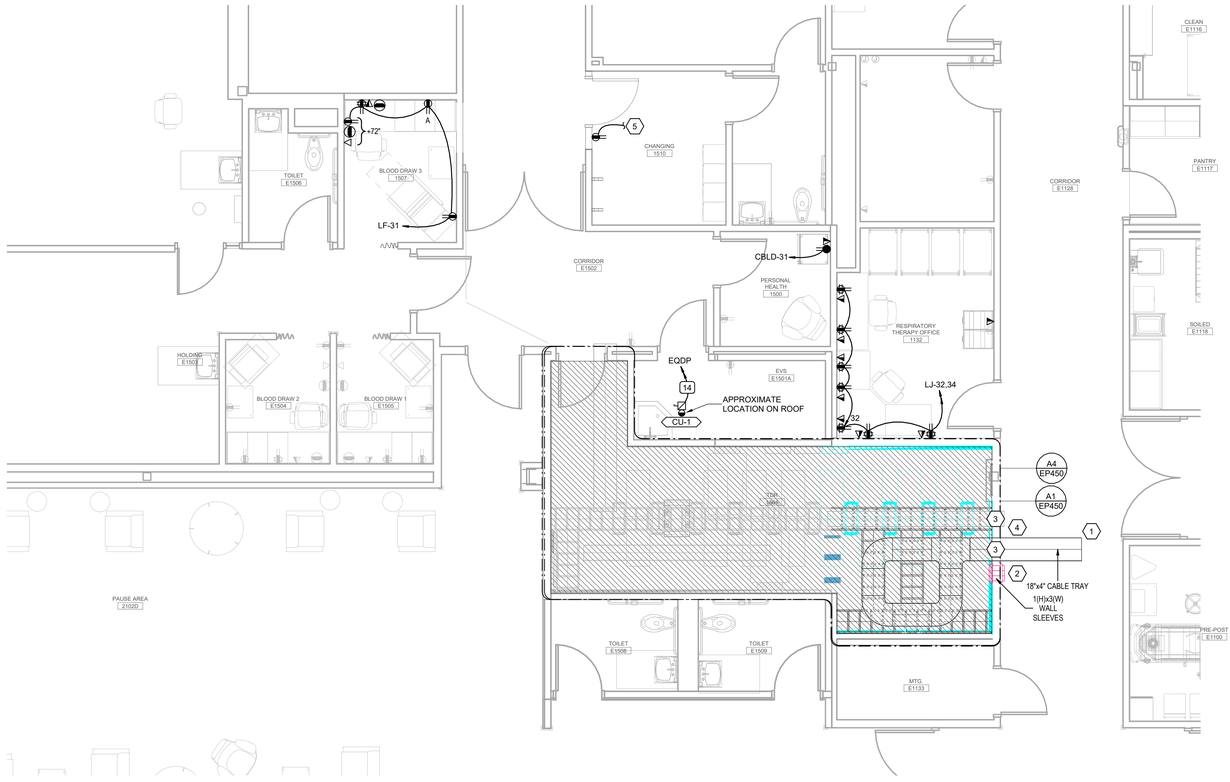
CONSTRUCTION DOCUMENTS

LEVEL 01 OVERALL POWER PLAN

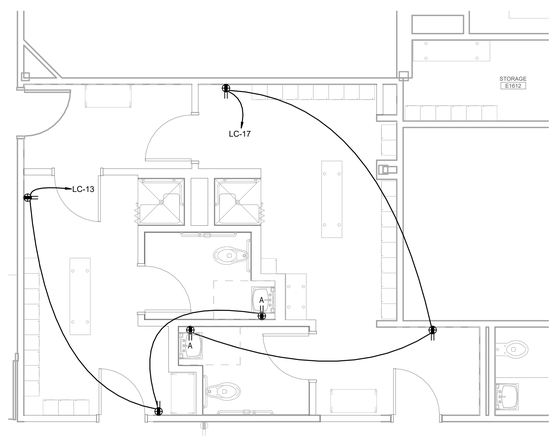
EP100

11/6/2025 2:06:10 PM



A1 LEVEL 01 POWER PLAN - BLOOD DRAW

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



A4 LEVEL 01 POWER PLAN - LOCKERS

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

GENERAL SHEET NOTES

1 PROVIDE DEDICATED NUETRALS FOR ALL BRANCH CIRCUITS.

2 PROVIDE TYPED AND UPDATED PANEL SCHEDULES FOR ALL PANELS AFFECTED BY PROJECT SCOPE.

3 ALL WIRING TO ADHEAR WITH THE REQUIREMENTS OF NEC 517.13.

SHEET KEYNOTES

1 CONTRACTOR TO PROVIDE NEW CABLE TRAY AT APPROX. 22" ABOVE FINISHED CEILING. COORDINATE EXACT ELEVATION WITH EXISTING CONDITIONS EXTEND CABLE TRAY ADJACENT TO EXISTING PATHWAYS.

2 CONTRACTOR TO PROVIDE (3) NEW 4" FIRE RATED SLEEVES TO ENTER THE TDR EXPANSION.

3 CONTRACTOR TO PROVIDE STI CABLE TRAY RETROFIT FOR WALL PENETRATION.

4 CONTRACTOR TO RE-ROUTE AND RE-LOCATE TERMINATION LOCATION OF EXISTING CABLING INSTALLED IN THE EXISTING CABLE TRAY & CONDUIT PASSING THROUGH THE DEMOLISHED WALL. PULL BACK EXISTING CABLING TO CORRIDOR AND UTILIZE THE NEW CABLE TRAY AS CABLE LENGTHS ALLOW. COORDINATE DOWN TIME WITH OWNER PRIOR TO ANY MOVE MADE. CABLES ARE TO BE RE-TERMINATED IN RACK A-1. SUPPORT EXISTING CONDUIT SLEEVES UNTIL RE-LOCATION HAS BEEN COMPLETED, DEMOLISH EXISTING CONDUIT SLEEVES AFTER ALL RE-LOCATION HAS BEEN COMPLETED.

5 CONNECT TO THE EXISTING CIRCUIT THAT PREVIOUSLY FED THE PLUGS IN THIS SPACE.

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CONSTRUCTION DOCUMENTS

LEVEL 01 POWER PLAN

EP101

11/6/2025 2:06:20 PM

SHEET KEYNOTES

1 CONTRACTOR TO MOVE EXISTING RAULAND NURSE CALL PANEL FROM DEMOLISHED WALL TO LOCATION SHOWN. COORDINATE EXACT LOCATION WITH EXISTING FIELD CONDITIONS.

2 CONTRACTOR TO RE-ROUTE AND RE-LOCATE TERMINATION LOCATION OF EXISTING CABLING INSTALLED IN THE EXISTING CABLE TRAY & CONDUIT PASSING THROUGH THE DEMOLISHED WALL. PULL BACK EXISTING CABLING TO CORRIDOR AND UTILIZE THE NEW CABLE TRAY AS CABLE LENGTHS ALLOW. COORDINATE DOWN TIME WITH OWNER PRIOR TO ANY MOVE MADE. CABLES ARE TO BE RE-TERMINATED IN RACK A-1. SUPPORT EXISTING CONDUIT SLEEVES UNTIL RE-LOCATION HAS BEEN COMPLETED, DEMOLISH EXISTING CONDUIT SLEEVES AFTER ALL RE-LOCATION HAS BEEN COMPLETED.

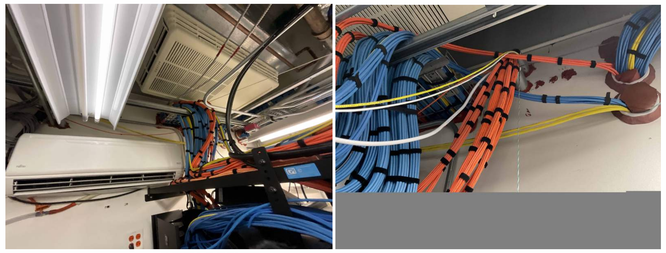
3 CURRENT TERMINATION LOCATION OF MONITORING CABLING LOCATION TO REMAIN AS IS. RE-TERMINATE ALL MONITORING CABLING NEEDING TO BE RE-ROUTED AT THIS LOCATION.

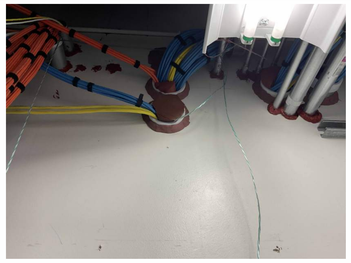
4 INSTALL THE NEW BREAKERS IN EXISTING GE PANEL 3LUA. PROVIDE A NEW 30A/2P BREAKER FOR EACH L6-30R RECEPTACLE AND USE AN EXISTING 20A/1P SPARE FOR EACH L5-20R.

5 INSTALL THE NEW BREAKERS IN EXISTING SIEMENS PANEL UPS. SEVERAL CIRCUITS IN THIS PANEL ARE UNUSED. CONTRACTOR TO TRACE AND LABEL ALL EXISTING LOADS AND PROVIDE AN UPDATED PANEL SCHEDULE. IDENTIFY THE SPARES AND SPACES AND PROVIDE A NEW 30A/2P BREAKER FOR EACH L6-30R RECEPTACLE AND A NEW 20A/1P BREAKER FOR EACH L5-20R.

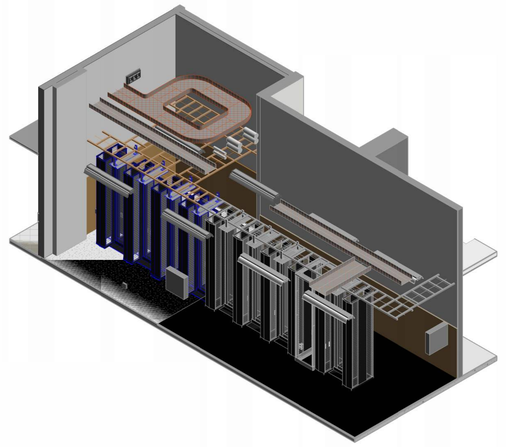
6 COORDINATE THE FINAL PLUG LOCATIONS WITH THE OWNER GROUP.

7 TRACE AND LABEL ALL EXISTING TDR PLUGS.

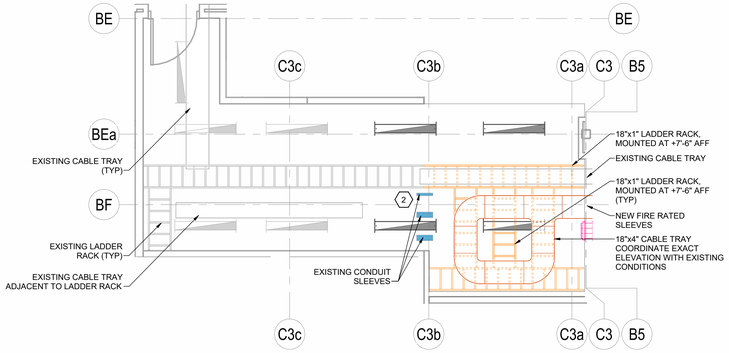




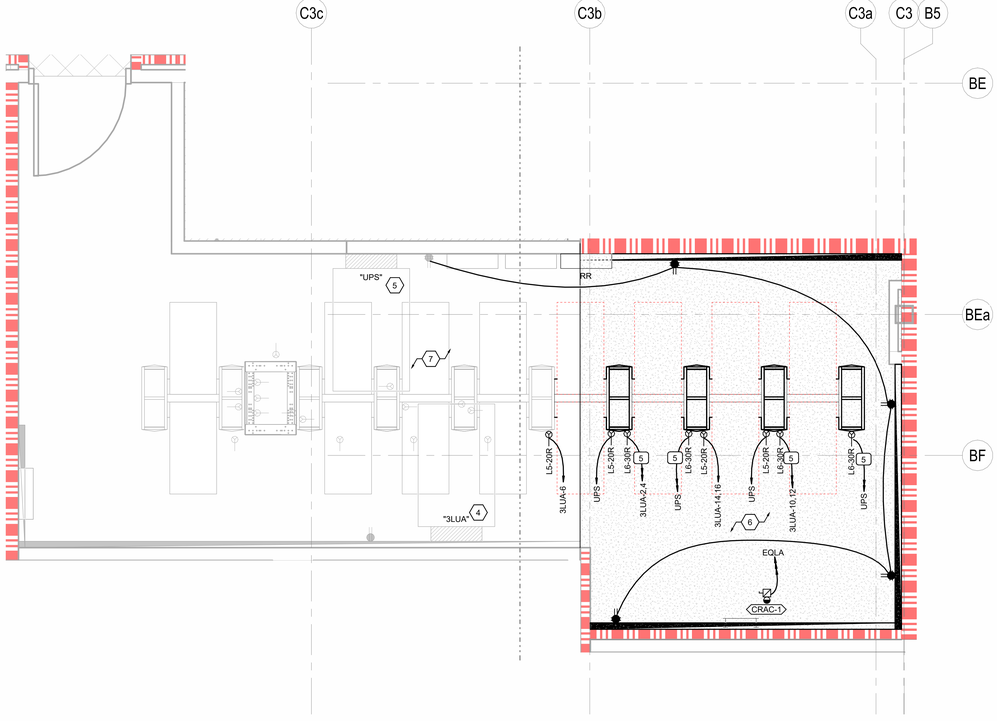
D1 EXISTING TDR CONDTIONS
SCALE: NTS



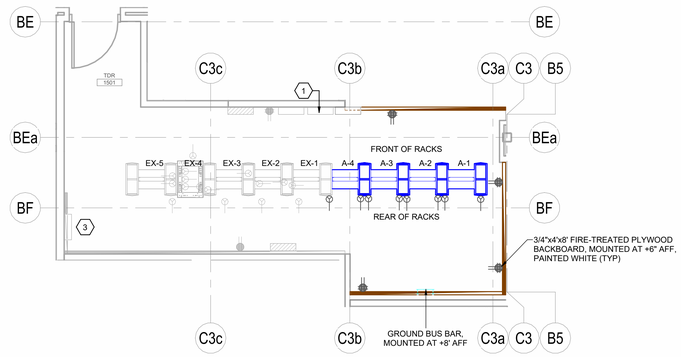
D4 ENLARGED TDR 1501 ISOMETRIC PLAN
SCALE:



C4 ENLARGED TDR 1501 LADDER RACK PLAN
SCALE: 1/4" = 1'-0"



A1 ENLARGED POWER PLAN -TDR 1501
SCALE: 1/2" = 1'-0"



A4 ENLARGED TDR 1501 EQUIPMENT RACK PLAN
SCALE: 1/4" = 1'-0"

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CONSTRUCTION DOCUMENTS

ENLARGED TELECOM PLANS

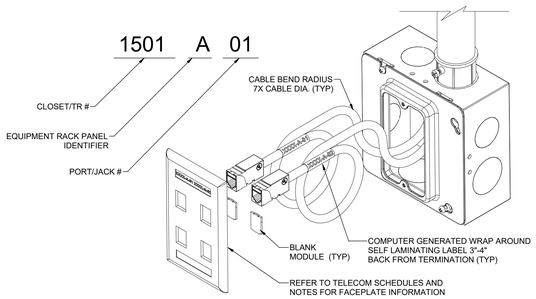
EP450

11/6/2025 2:07:02 PM

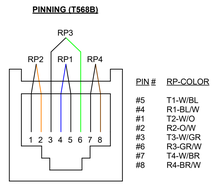
SHEET KEYNOTES

1 CONTRACTOR SHALL COORDINATE RACK CONSOLIDATION WITH OWNER PRIOR TO INSTALLATION OF NEW EQUIPMENT. ALL EXISTING CABLING BEING MOVED SHALL BE COORDINATED WITH OWNER ON EXACT TERMINATION LOCATION AS WELL AS ANY DOWN TIME NEEDED TO PERFORM MOVE, RE-TERMINATION, CERTIFICATION/ TESTING, AND CUTOVER.

2 EXISTING EQUIPMENT DESIGNATED WITH (EX) IS FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS AND EXACT EXISTING PATCH PANEL/ OWNER EQUIPMENT PRIOR TO ANY CONSOLIDATION PERFORMED.

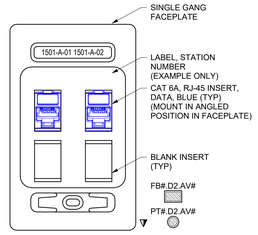


D1 TYPICAL CABLE IDENTIFICATION WRAP AROUND DETAIL
SCALE: NTS

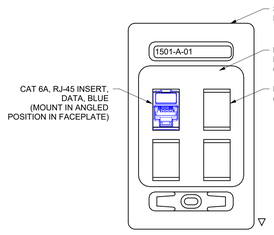


PIN #	RP-COLOR
#5	T1-W/BL
#4	R1-BL/W
#1	T2-W/O
#2	R2-O/W
#3	T3-W/GR
#6	R3-GR/W
#7	T4-W/BR
#8	R4-BR/W

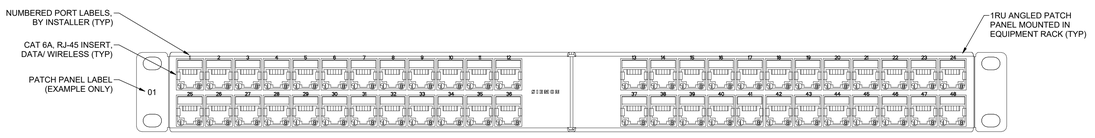
D3 TYPICAL VOICE/DATA OUTLET PINNING DETAIL
SCALE: NTS



D4 TYPICAL 2-PORT WALL DATA OUTLET
SCALE: NTS



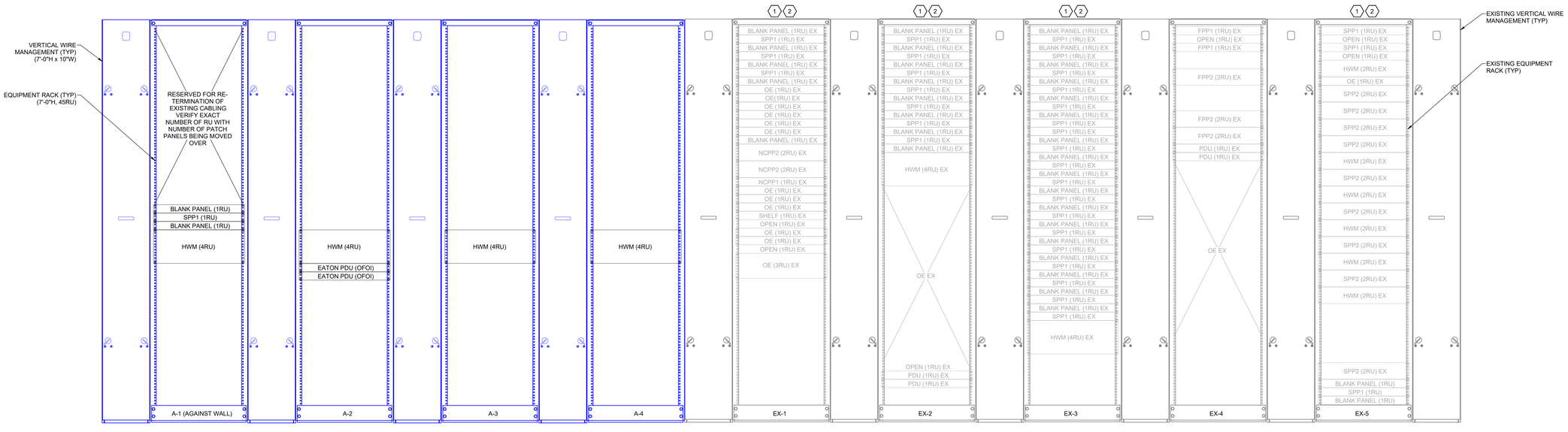
TYPICAL 1-PORT WALL DATA OUTLET
C4 SCALE: NTS



C1 STATION PATCH PANEL DETAIL (SPP1)
SCALE: NTS

DATA DEVICE DROP SCHEDULE - TDR 1501

DATA DEVICE TYPE	DETAIL LOCATION	COMM ROOM LOCATION	TOTAL BY FLOOR	NUM. OF DROPS
LEVEL 01				
WALL DATA (1-DROP)		TDR 1501	1	1
WALL DATA (2-DROP)		TDR 1501	9	18
WALL DATA - ABOVE COUNTER (2-DROP)		TDR 1501	1	2
Grand total			11	21



A1 TYPICAL EQUIPMENT RACK ELEVATION DETAIL, TDR 1501
SCALE: NTS

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CONSTRUCTION DOCUMENTS

TELECOM EQUIPMENT RACK ELEVATIONS & DETAILS

EP550

11/6/2025 2:07:07 PM

EQUIPMENT SCHEDULE

EQUIPMENT SCHEDULE KEY	NOTES:	GENERAL NOTES:
E - DIVISION 26 Q - FURNISHED WITH EQUIPMENT, INSTALLED BY DIV.26	1. PROVIDE MANUAL STARTER WITH THERMAL OVERLOAD AND RELAY FOR ATC/BAS CONTROL. 2. PROVIDE FUSED DISCONNECT ELEVATOR POWER MODULE WITH SHUNT TRIP. 3. INDOOR UNITS FED FROM OUTDOOR UNIT. PROVIDE DISCONNECTS FOR BOTH.	1. LOCATE ELECTRICAL EQUIPMENT IN ACCESSIBLE LOCATION, SUCH THAT IT IS WITHIN SIGHT OF THE EQUIPMENT IT IS SERVING, AND COMPLIES WITH N.E.C. REQUIRED CLEARANCES. 2. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE AND SIZE FEEDER, STARTER, DISCONNECT AND OVERCURRENT PROTECTION IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS OF ACTUAL EQUIPMENT SUPPLIED. 3. ELECTRICAL CONTRACTOR SHALL REVIEW OTHER DIVISION DRAWINGS FOR ANY ADDITIONAL REQUIREMENTS PRIOR TO BID. 4. ELECTRICAL CONTRACTOR SHALL REVIEW OTHER DIVISION SUBMITTALS FOR ANY EQUIPMENT REQUIRING CONNECTION BY ELECTRICAL CONTRACTOR AND COORDINATE ALL REQUIREMENTS PRIOR TO ROUGH-IN.

			LOAD DATA							OCPD		DISCONNECT		MOTOR CONTROLLER				
LABEL	QTY	DESCRIPTION	HP	kW	MCA	FLA	V	PH	WIRE AND CONDUIT SIZE	DEVICE	FED FROM	PROVIDED BY	DEVICE	PROVIDED BY	DEVICE	SIZES	NEMA ENCLOSURE RATING	NOTES
CRAC-1	1	COMPUTER ROOM AIR CONDITIONER	2	-	-	13	208	3	3 #12, #12 GR 0.75" CND	20/3 CB		E	30A/3P FRN-15	E	-	-	-	
CU-1	1	CONDENSING UNIT	-	-	-	22.7	208	3	3 #4, #8 GR 1.25" CND	50/3 CB		E	60A/3P FRN-45	E	-	-	NEMA 3R	

GENERAL SHEET NOTES

1 PROVIDE NEMA 3R ENCLOSURES FOR EQUIPMENT LOCATED OUTDOORS. REFER TO PLANS FOR EQUIPMENT LOCATIONS.

2 REFER TO PLANS FOR CONSTRAINTS ON PHYSICAL DIMENSIONS AND CLEARANCE REQUIREMENTS OF EQUIPMENT. PROVIDE EQUIPMENT DIMENSIONS THAT FALL WITHIN THE CONSTRAINTS OF EACH SPECIFIC LOCATION.

3 ALL EQUIPMENT SHALL BE CONSTRUCTED AND BRACED FOR THE SEISMIC CONDITIONS OF THE PROJECT. REFER TO ELECTRICAL SPECIFICATIONS FOR REQUIREMENTS.

4 PROVIDE PERFORMANCE TESTING FOR GROUND-FAULT PROTECTION SYSTEMS ON SITE WITH A WRITTEN RECORD OF THIS TEST SUBMITTED TO THE AUTHORITY HAVING JURISDICTION PER NEC 230.95(C).

⬡ SHEET KEYNOTES

1 REMOVE AND RELOCATE UPS AND UPS BYPASS SWITCH AS NEEDED FOR CONSTRUCTION. INTERCEPT AND EXTEND FEEDERS TO A NEW LOCATION COORDINATED WITH THE OWNER GROUP.

COPPER CONDUCTOR AND CONDUIT SCHEDULE

SCHEDULE NUMBER

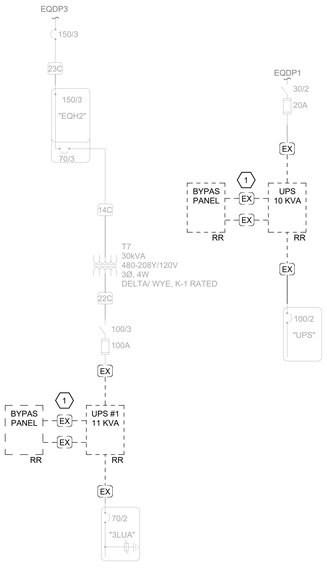
SUBSCRIPT (NOTE 5)

(E.G. 5C IG)

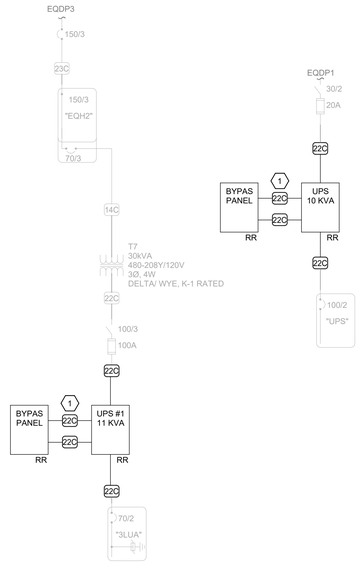
CONDUCTOR AND CONDUIT SCHEDULE NOTES

1. CONDUCTORS SHOWN ARE SHOWN FOR EACH CONDUIT WITH MODIFICATIONS AS NOTED IN NOTE 5. ALL CONDUCTORS SHOWN ARE THWN UNLESS OTHERWISE NOTED.
2. PROVIDE EQUIPMENT GROUND CONDUCTORS PER TABLE 250-122 WHEN CIRCUIT BREAKERS ARE SIZED GREATER THAN AMPERE RATING SHOWN IN TABLE.
3. PROVIDE #10 NEUTRALS FOR MULTIWIRE BRANCH CIRCUITS SERVING COMPUTERS.
4. GROUND (G) CONDUCTOR MAY BE DELETED ON SERVICE ENTRANCE CONDUCTORS.
5. SYMBOL SUBSCRIPTS:
   - "2N": INCLUDE TWO NEUTRAL CONDUCTORS SIZED AS SCHEDULED FOR PHASE AND NEUTRAL CONDUCTORS WHERE THE CONDUCTOR IS #1/0 OR LARGER. INCLUDE A SINGLE 200% RATED CONDUCTOR THAT IS TWICE THE AMPACITY OF THE SCHEDULED PHASE AND NEUTRAL CONDUCTOR WHERE THE CONDUCTOR IS BELOW #1/0 IN SIZE.
   - "CI": PROVIDE CIRCUIT INTEGRITY CABLE; TYPE TWO-HOUR FIRE RESISTIVE CABLES IN CONDUIT OR PROVIDE FEEDER ENCASED IN CONCRETE.
   - "FG" FULL SIZE GROUND, SIZE EQUIPMENT GROUNDING CONDUCTOR TO BE SAME SIZE AS THE PHASE CONDUCTORS.
   - "HH": NEUTRAL CURRENTS EXIST DUE TO HIGH HARMONIC "NONLINEAR" LOADS. CURRENT CARRYING CONDUCTORS DERATED ACCORDINGLY. PROVIDE THE IG/HH SIZE FOR THE EQUIPMENT GROUNDING CONDUCTOR.
   - "IG": INCLUDE IG (INSULATED/ISOLATED GROUND CONDUCTOR) SCHEDULED ALONG WITH THE GROUND OF EQUIPMENT GROUND CONDUCTOR.
   - "MC": PROVIDE FEEDER IN METAL-CLAD CABLE; TYPE MC IN PLACE OF SINGLE CONDUCTORS IN CONDUIT.
   - "SE": SUBSTITUTE "SE" CONDUCTOR FOR "G" CONDUCTOR SHOWN, WHICH IS SIZED FOR THE GROUNDING OF THE SECONDARY OF THE SEPARATELY DERIVED SYSTEM.
   - "SER": PROVIDE SERVICE-ENTRANCE CABLE; TYPE SE OR SER IN PLACE OF SINGLE CONDUCTORS IN CONDUIT.
6. RACEWAY ONLY. CONDUCTORS PROVIDED BY UTILITY.

SYM	AMP	HH AMPS	CONDUIT SIZE	CONDCUTOR (NOTE 1) QTY	SIZE	G	IG/HH	SE	NOTES
1C	20	-	0.75	2	12	12	12	8	2
2C	20	-	0.75	3	12	12	12	8	2
3C	20	24	0.75	4	12	12	12	8	2
4C	30	-	0.75	2	10	10	10	8	2
5C	30	-	0.75	3	10	10	10	8	2
6C	30	32	0.75	4	10	10	10	8	2
7C	40	-	1	2	8	10	8	6	2
8C	40	-	1	3	8	10	8	6	2
9C	40	44	1	4	8	10	8	6	2
10C	55	-	1	2	6	10	8	4	2
11C	55	-	1	3	6	10	8	4	2
12C	55	60	1.25	4	6	10	8	4	2
13C	70	-	1	2	4	8	4	2	2
14C	70	-	1.25	3	4	8	4	2	2
15C	70	76	1.25	4	4	8	4	2	2
16C	85	-	1.25	2	3	8	3	2	2
17C	85	-	1.25	3	3	8	3	2	2
18C	85	92	1.25	4	3	8	3	2	2
19C	95	-	1.25	3	2	8	2	2	2
20C	95	104	1.5	4	2	8	2	2	2
21C	130	-	1.5	3	1	6	2	2	2
22C	130	116	1.5	4	1	6	2	2	2
23C	150	-	2	3	1/0	6	2	1/0	2
24C	150	136	2	4	1/0	6	2	1/0	2
28C	200	180	2.5	4	3/0	6	2	2/0	2
29C	230	-	2.5	3	4/0	4	2	2/0	2
30C	230	208	2.5	4	4/0	4	2	2/0	2
34C	310	280	3	4	350	3	1/0	3/0	2
35C	380	-	3.5	3	500	3	3/0	3/0	2
37C	400	-	2 EA 2	3	3/0	3	3/0	3/0	2
38C	400	360	2 EA 2.5	4	3/0	3	3/0	3/0	2
41C	620	-	2 EA 3	3	350	1/0	4/0	3/0	2
42C	620	560	2 EA 3	4	350	1/0	4/0	3/0	2
52C	1240	1120	4 EA 3	4	350	3/0	4/0	3/0	4
53C	1675	1520	5 EA 4	4	400	4/0	4/0	4/0	4
55C	2660	2408	7 EA 4	4	500	350	350	350	4



A1 DEMO ONE-LINE DIAGRAM
SCALE: NTS



A2 NEW ONE-LINE DIAGRAM
SCALE: NTS

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CONSTRUCTION DOCUMENTS

ONE-LINE DIAGRAM

EP601

11/6/2025 2:07:13 PM

SHEET KEYNOTES

1 CONTRACTOR TO PROVIDE SLEEVES THROUGH ALL WALLS FOR CABLE PATHWAYS. ALL FIRE-RATED WALLS REQUIRE A FIRE-RATED SLEEVE. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. ALL SMOKE/ NON-RATED WALLS REQUIRE A CONDUIT SLEEVE WITH BUSHINGS AND ARE REQUIRED TO BE SEALED WITH FIRE-RATED CAULK AND PUTTY. CONTRACTOR TO DETERMINE FINAL NUMBER OF SLEEVES FOR PENETRATIONS THROUGH WALLS.

2 CONTRACTOR TO STUB CONDUIT INTO ACCESSIBLE CEILING SPACE. FROM CONDUIT STUB, PROVIDE J-HOOK PATHWAY FOR REQUIRED CABLES TO CABLE TRAY. MAXIMUM SPACING OF J-HOOK TO BE 48" ON-CENTER.

3 CONTRACTOR TO UTILIZE EXISTING PATHWAYS WHERE POSSIBLE.

GENERAL SHEET NOTES

1 PROVIDE PROTECTIVE BUSHING ON THE END OF ALL CONDUIT RUNS.

2 IN LOCATIONS WHERE CONDUIT IS STUBBED INTO THE CEILING SPACE, THE USE OF J-HOOKS IS REQUIRED TO CARRY THE CABLE BACK TO CABLE TRAY. MAXIMUM SPACING OF J-HOOKS IS 60", ENSURE NO MORE THAN 6" OF SAG AT THE LOWEST POINT OF THE CABLE. IF SAG IS GREATER THAN 6" ADD ADDITIONAL J-HOOKS FOR SUPPORT.

3 A SINGLE BEND CANNOT BE GREATER THAN 90 DEGREES.

4 NO MORE THAN 180 DEGREE IN BENDS IS ALLOWED WITH PROVIDING AN ACCESSIBLE PULL BOX. PULL BOX MUST BE IN AN ACCESSIBLE CEILING SPACE FOR ONGOING SUPPORT AND MAINTENANCE.

5 A SINGLE CONDUIT FOR HORIZONTAL CABLE CANNOT RUN MORE THAN 100 ' CONTINUOUSLY WITHOUT A PULL BOX OR AN ACCESSIBLE PULL POINT.

6 TELECOMMUNICATIONS CONDUIT SHOULD NOT RUN OVER OR ADJACENT TO BOILERS, INCINERATORS, HOT WATER LINES, OR STEAM LINES.

7 ALL CONDUIT MUST BE SEALED PROPERLY AFTER CABLE INSTALLATION TO ENSURE ANY RATED WALL ASSEMBLIES ARE RETURNED TO THE ORIGINAL WALL RATING.

8 TELECOMMUNICATIONS WORK AREA OUTLET SHOULD BE LOCATED WITHIN 3 ' OF AN ELECTRICAL OUTLET AND INSTALLED AT THE SAME ELEVATION.

9 THE DAISY CHAINING OF TELECOMMUNICATIONS BOXES IS NOT ALLOWED. ALL CONDUIT RUNS MUST BE DEDICATED TO ONE OUTLET LOCATION.

10 ALL CONDUITS INSTALLED FOR THE USE OF BACKBONE CABLE MUST USE LONG SWEEPS.

11 VERTICAL SLEEVES MUST EXTEND A MINIMUM OF 3" ABOVE THE FINISHED FLOOR BUT NO MORE THAN 8" ABOVE THE FINISHED FLOOR.

12 VERTICAL SLEEVES MUST BE COORDINATED WITH THE ENLARGE TELECOM VIEWS TO ENSURE PROPER CIRCULATION SPACE IS GIVEN.

13 VERTICAL SLEEVES SHOULD BE ADJACENT TO THE WALL AND IN A CORNER WHERE AT ALL POSSIBLE TO ALLOW FOR PROPER CABLE RACKING. NO MORE THAN TWO ROWS OF SLEEVES ARE ALLOWED.

14 VERTICALLY MOUNTED LADDER RACK IS REQUIRED TO SUPPORT CABLE. CABLE SHOULD BE SUPPORTED IN A VERTICAL POSITION TO ENSURE CABLE DOES NOT SLIP.

15 ALL VERTICAL SLEEVES MUST BE PROPERLY SEALED AFTER USE.

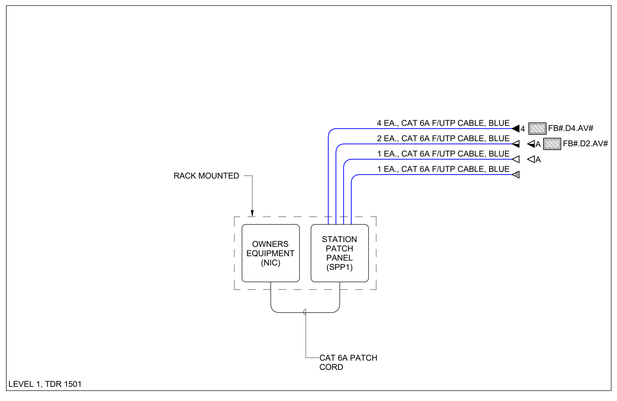
16 ALL CONDUIT SHOULD HAVE A PULL CORD INSTALLED WITH A MINIMUM TEST RATING OF 200 LBS.

17 AFTER CONDUIT INSTALLATION CONDUITS SHOULD BE LEFT CLEAN, DRY, AND UNOBSTRUCTED; REAMED AND FITTED WITH BUSHINGS, CAPPED FOR PROTECTION, AND LABELED FOR IDENTIFICATION.

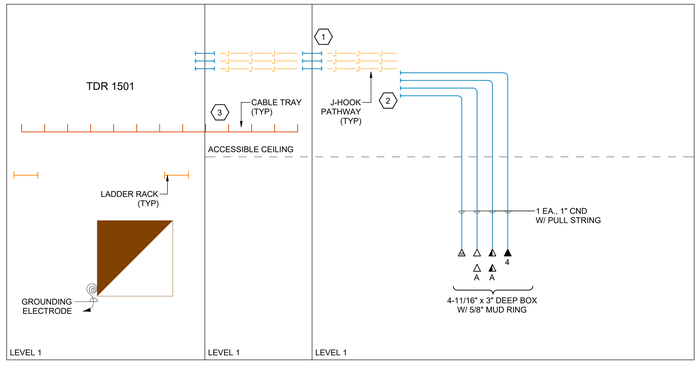
18 ALL CABLE TRAY INSTALLATION MUST UTILIZE TRAPEZE MOUNTING. NO CENTER HUNG SUPPORTS WILL BE ALLOWED. NO WALL MOUNTS WILL BE ALLOWED. IF TRAPEZE SUPPORTS CANNOT BE USED, A REQUEST MUST BE SUBMITTED TO ALLOW ALTERNATE MOUNTING METHODS.

19 ALL CABLE TRAY MUST BE SEISMICALLY BRACED.

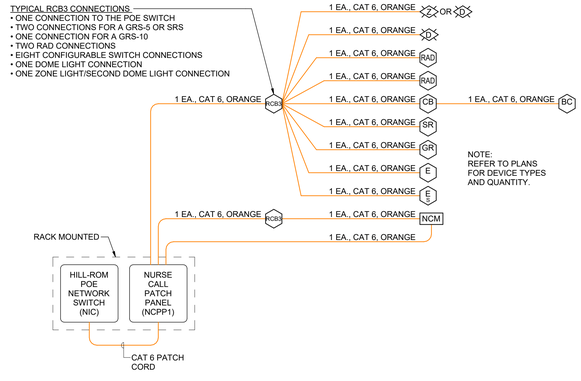
20 ALL CABLE TRAY THAT PENETRATES A RATED WALL ASSEMBLY MUST BE SEALED TO RETURN THE WALL TO ITS ORIGINAL RATING.



A1 TELECOM CABLE RISER DIAGRAM
SCALE: NTS



A3 TELECOM CONDUIT RISER DIAGRAM
SCALE: NTS



A5 NURSE CALL CABLE RISER DIAGRAM
SCALE: 1/8" = 1'-0"

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CONSTRUCTION DOCUMENTS

TELECOM RISER DIAGRAMS

EP650

11/6/2025 2:07:15 PM

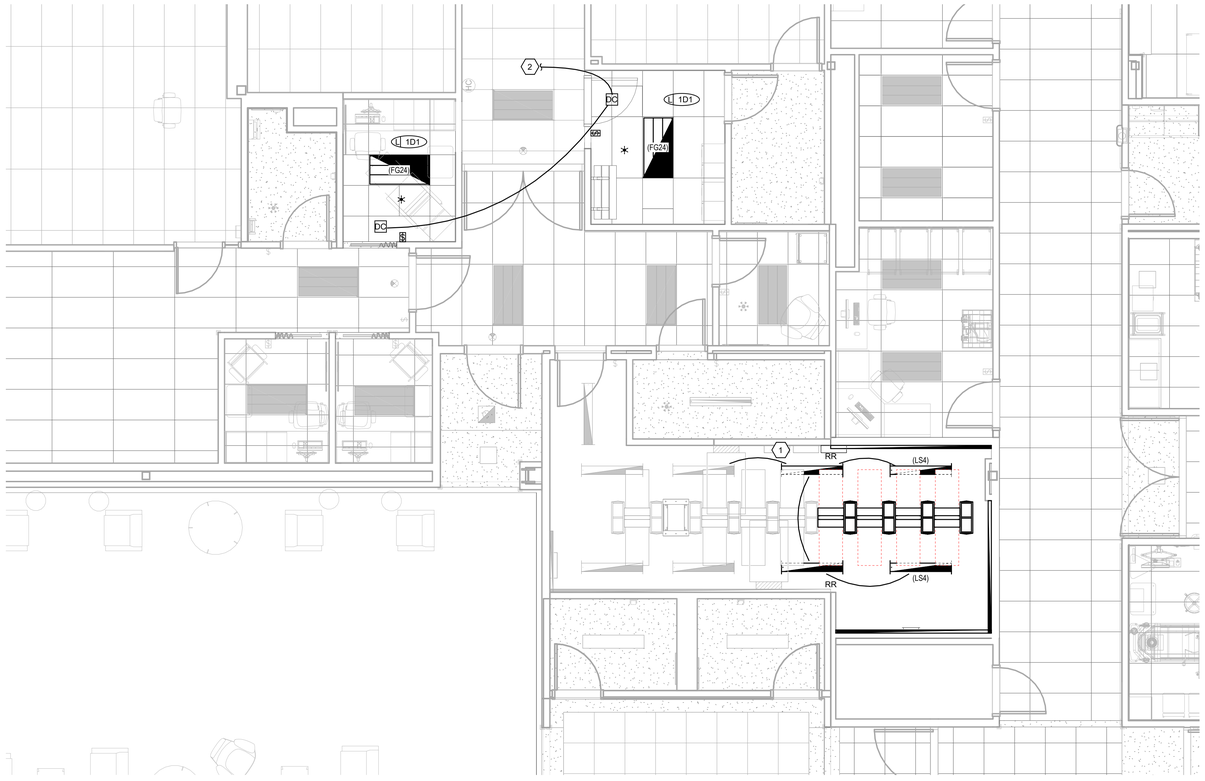
GENERAL SHEET NOTES

SHEET KEYNOTES

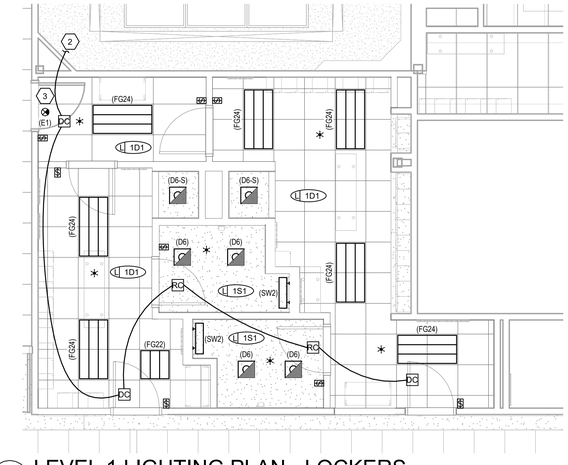
1 CONNECT TO THE EXISTING LIGHTING AND CONTROLS THAT PREVIOUSLY FED THIS SPACE FEEDING THIS SPACE.

2 CONNECT TO THE EXISTING UNSWITCHED LIGHTING CIRCUIT THAT PREVIOUSLY FED THIS SPACE.

3 CIRCUIT EXIT SIGN WITH THE A NEARBY UNSWITCHED LIFE SAFETY CIRCUIT FEEDING THE OTHER EXIT SIGNS IN THIS AREA.



A1 LEVEL 1 LIGHTING PLAN - BLOOD DRAW
SCALE: 1/4" = 1'-0"



A4 LEVEL 1 LIGHTING PLAN - LOCKERS
SCALE: 1/4" = 1'-0"

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CONSTRUCTION DOCUMENTS

LEVEL 1 LIGHTING PLAN

EL101

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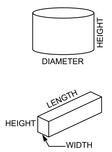
INTERIOR LIGHTING FIXTURE SCHEDULE



GENERAL NOTES

1. SUBSTITUTIONS AND/OR EQUAL FIXTURES MUST RECEIVE APPROVAL PRIOR TO BIDDING, THEY MUST BE SUBMITTED TO THE ENGINEER NO LESS THAN 2 WEEKS PRIOR TO BID OPENING.
2. SAMPLES MUST BE PROVIDED FOR ANY AND ALL FIXTURES UPON A/E REQUEST PRIOR TO RELEASING FIXTURES.
3. ALL FIXTURES SHALL BE LISTED AND APPROVED FOR THEIR INTENDED USE AND LOCATION.
4. VERIFY THE PROPER MOUNTING KITS OR ACCESSORIES TO FACILITATE INSTALLATION AS SHOWN AT EACH LOCATION ON THE DRAWINGS.
5. COMPLY WITH THE "INTERIOR LIGHTING" SECTION OF THE SPECIFICATIONS.
6. ALL LIGHT FIXTURES TO BE EITHER "DLC" OR "LIGHTING FACTS" LISTED OR TO BE APPROVED BY ARCHITECT/ENGINEER AND OWNER.
7. CONTRACTOR ALLOWANCE PRICES ARE ACCURATE WHEN THIS JOB WAS SPECIFIED, CONTRACTOR AND ELECTRICAL DISTRIBUTOR SHALL VERIFY THIS ALLOWANCE AND REPORT ANY PROBLEMS TO THE ENGINEER BEFORE THE BID. ALLOWANCE PRICE MAY OR MAY NOT INCLUDE LAMP(S) OR FREIGHT AS NOTED, AND DO NOT INCLUDE ANY TAXES.

			LUMINAIRE				DRIVER			
ID	DESCRIPTION	SIZE (NOMINAL)	DELIVERED DIRECT LUMENS	DELIVERED INDIRECT LUMENS	COLOR TEMP	CRI	TYPE	VOLTAGE	WATTS	MANUFACTURER (CATALOG SERIES)
(D6)	DESCRIPTION: 6" ROUND, RECESSED LED DOWNLIGHT, SEMI-SPECULAR REFLECTOR MOUNTING: CEILING, RECESSED FINISH: WHITE TRIM FINISH OPTICS: - OPTIONS: - EM: -	LENGTH: - WIDTH: - DEPTH: - DIAMETER: 0' - 6"	1,500		3500K	90	0-10V DIMMING (1%)	120/277	19	GOTHAM (EVO 35/15 AR LSS MWD MVOLT GZ1 TRW) HALO (HC615D010HM612835 61MDHWF) LIGHTOLIER (6RNP6RDL15835CCZ10U)
(D6-S)	DESCRIPTION: 6" ROUND, RECESSED LED SHOWER DOWNLIGHT, LENSED MOUNTING: CEILING, RECESSED FINISH: WHITE TRIM FINISH OPTICS: - OPTIONS: WET LOCATION RATED, NON-CONDUCTIVE DEAD-FRONT TRIM EM: -	LENGTH: - WIDTH: - DEPTH: - DIAMETER: 0' - 6"	2,000		3500K	90	0-10V DIMMING (1%)	120/277	24	GOTHAM (EVOSSH-35/20-DFR-SOL-MVOLT-EZ1-90CRI) HALO (HC620D010/HM60525935/61PSMDW) H.E. WILLIAMS (6DR-TL-L20/935-DIM1-UNV-S-W-OF-W-H-N-F1) PRESCOLITE (LFR-6RD-M-20L35K9-WD-DM1 LFR-6RD-T-SH-WTACL LFR-6RD-H)
(E1)	DESCRIPTION: EXIT SIGN, EDGE LIT LED ACRYLIC, SINGLE FACE, GREEN LETTERING MOUNTING: UNIVERSAL MOUNTING FINISH: BRUSHED ALUMINUM FINISH OPTICS: - OPTIONS: AC ONLY EM: -	LENGTH: - WIDTH: - DEPTH: -			GREEN		NO DIMMING	120/277	3	DUAL-LITE (LECDGWA) EVENLITE (TEX-AC-G-2M) EMERGENSEE (SEEXLRN)
(FG22)	DESCRIPTION: 2' X 2' LED FLAT PANEL, GRID LAY-IN MOUNTING: CEILING, RECESSED FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 2' - 0" WIDTH: 2' - 0" DEPTH: -	3,400		3500K	90	0-10V DIMMING (1%)	120/277	40	DAYBRITE (2FPZ38L840WDSUNVDIM) LITHONIA (EPANL) TRULY GREEN SOLUTIONS (882440-35-S-F)
(FG24)	DESCRIPTION: 2' X 4' LED FLAT PANEL, GRID LAY-IN MOUNTING: CEILING, RECESSED FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 4' - 0" WIDTH: 2' - 0" DEPTH: -	4,300		3500K	90	0-10V DIMMING (1%)	120/277	50	DAYBRITE (2FPZ43L8354DSUNV DIM) LITHONIA (EPANL) TRULY GREEN SOLUTIONS (882440-35-S-F)
(LS4)	DESCRIPTION: 4' LED STRIP LIGHT MOUNTING: CEILING, SURFACE FINISH: WHITE FINISH OPTICS: - OPTIONS: - EM: -	LENGTH: 4' - 0" WIDTH: - DEPTH: -	3,000		3500K	90	NO DIMMING	120/277	42	LITHONIA (ZL1D) DAYBRITE (FSS 4 30L 835 UNV DIM) METALUX (4SNLED-LD4-30SL-LW-UNV-L840-CD1-U)
(SW2)	DESCRIPTION: 2' LED VANITY LIGHT, SATIN CHROME FINISH, 2.25" WIDE MOUNTING: SURFACE, WALL FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 2' - 0" WIDTH: 0' - 2.25" DEPTH: -	2,000		3500K	90	NO DIMMING	120/277	19	EDGE LIGHT (TW12-S11-1RE-36"-35K-CH) EUREKA (3541-35-LED-17.40-120/277-SC-WH) LBL (LW496-OP-XX-LED-277) WAC (WS-77363) BIRCHWOOD (NOL-LED-225)

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CONSTRUCTION DOCUMENTS

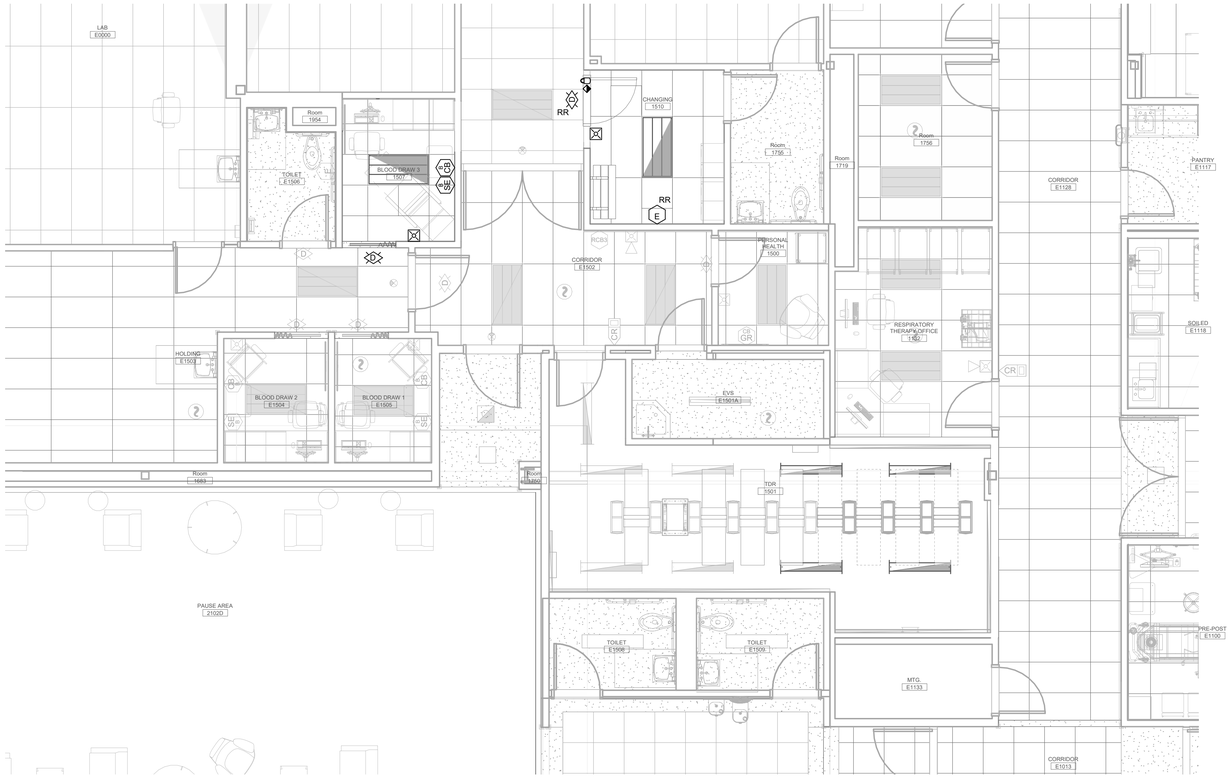
INTERIOR LIGHTING FIXTURE SCHEDULE

EL601

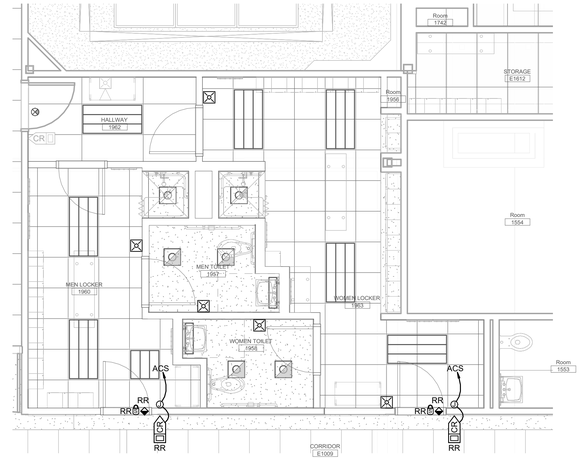
11/6/2025 2:07:22 PM

GENERAL SHEET NOTES

SHEET KEYNOTES



A1 LEVEL 1 AUXILIARY PLAN - BLOOD DRAW
SCALE: 1/4" = 1'-0"



A4 LEVEL 1 AUXILIARY PLAN - LOCKERS
SCALE: 1/4" = 1'-0"

VCBO®

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20 N. MAIN ST. #103
ST. GEORGE, UT 84770
435.522.7070

VCBO.COM

VCBO NUMBER: 25260.00
CLIENT NUMBER: XXXXX
DATE: 11/06/2025

REV	DATE	DESCRIPTION

INTERMOUNTAIN HEBER VALLEY HOSPITAL

PROJECT ADDRESS: 1485 U.S. HWY 40, HEBER CITY, UT 84032

CONSTRUCTION DOCUMENTS

LEVEL 1 AUXILIARY PLAN

EY101

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NURSE CALL SYMBOL LIST

SYMBOL	MANUF.	PART #	DESCRIPTION	MOUNTING OPTIONS	BACKBOX TYPE (UL 514-A LISTED)	TYPICAL MOUNTING HEIGHT (VERIFY ALL LOCATIONS WITH OWNER)
NCM	HILL-ROM	P2500VNC3A00	GRAPHICAL STAFF CONSOLE (GRS-10)	DESK	1-GANG BOX - MUST BE GROUNDED	18" AFF (UNDER DESK)
NCM W	HILL-ROM	P2594VNC5A00	GRAPHICAL ANNUNCIATOR (GRS-10)	WALL	3-GANG BOX 2 1/8" DEEP - MUST BE GROUNDED	54" CL AFF TO COMPLY W/OSHPD AND ADA
BC	HILL-ROM	P2505NNC1C00	AUDIO STATION BED CONNECTOR (ASBC)		4" SQUARE BOX 2 1/8" DEEP W/1-GANG MUD RING OR 1-GANG 3.5" DEEP METAL BOX	REFER TO ELEVATION DRAWINGS
EQ	HILL-ROM	P2516A01	EQUIPMENT RECEPTACLE, WITH CALL CORD		STEEL CITY 58371 3/4R, RACO 561, OR ANY OTHER SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
C	HILL-ROM	P2506NNC1B00	DOME LIGHT, SINGLE LED		RACO 231, WITH RACO 778 RING, OR ANY OTHER 4" SQUARE 2 1/8" DEEP BACK BOX.	REFER TO ELEVATION DRAWINGS
D	HILL-ROM	P2506NNC8A00-D	ICON BASED-LIGHT LED DOME LIGHT		STEEL CITY CYLE-3/4, RACO 591, OR ANY OTHER 3.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
Z	HILL-ROM	P2506NNC8A00-7	ICON BASED-LIGHT LED ZONE LIGHT		STEEL CITY CYLE-3/4, RACO 591, OR ANY OTHER 3.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
POE-24	HILL-ROM	P2519NNC1A24	POE SWITCH			REFER TO ELEVATION DRAWINGS
CB	HILL-ROM	P2520A07	CODE BLUE PUSH BUTTON SWITCH		RACO 561 BACK BOX, OR ANY OTHER 2.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
CP	HILL-ROM	P2520A07	CODE PINK PUSH BUTTON SWITCH		RACO 561 BACK BOX, OR ANY OTHER 2.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
PC	HILL-ROM	P2520A07	PUSH FOR ASSISTANCE PUSH BUTTON SWITCH		RACO 561 BACK BOX, OR ANY OTHER 2.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
SE	HILL-ROM	P2520A08	STAFF EMERGENCY PUSH BUTTON SWITCH		RACO 561 BACK BOX, OR ANY OTHER 2.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
E	HILL-ROM	P2520B01	BATH SWITCH, W/CANCEL, SUPERVISED		RACO 561 BACK BOX, OR ANY OTHER 2.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
E	HILL-ROM	P2520B02	BATH SWITCH, W/O CANCEL, SUPERVISED		RACO 561 BACK BOX, OR ANY OTHER 2.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
UPS, APC Rackmount, Non-Switch	HILL-ROM	P2521B02	UPS, RACK MOUNTABLE, 2U - NON-SEISMIC			REFER TO ELEVATION DRAWINGS
GB	HILL-ROM	P2594NNC1B01	STAFF STATION - STANDARD ROOM STATION W/ CODE		STEEL CITY GW-225G, RACO 691 OR ANY OTHER 2.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
GR	HILL-ROM	P2594NNC1B01	STAFF STATION - STANDARD ROOM STATION W/O CODE		STEEL CITY GW-225G, RACO 691 OR ANY OTHER 2.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
GRS	HILL-ROM		GRAPHICAL STAFF STATION W/ CODE		STEEL CITY GW-225G, RACO 691 OR ANY OTHER 2.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
GR	HILL-ROM	P2594NNC2C00	GRAPHICAL ROOM STATION (GRS) - STAFF		STEEL CITY GW-225G, RACO 691 OR ANY OTHER 2.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
Gen3	HILL-ROM					
Gen3	HILL-ROM					
GR	HILL-ROM	P2594NNC2C11	GRAPHICAL ROOM STATION (GRS) - PATIENT		STEEL CITY GW-225G, RACO 691 OR ANY OTHER 2.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
RAD	HILL-ROM	P2594NNC4A10	REMOTE AUDIO DEVICE		STEEL CITY GW-225G, RACO 691 OR ANY OTHER 2.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
RCB2	HILL-ROM	P2599NNC2A00	RCB2 ROOM CONTROL BOARD		STEEL CITY GW-235G, RACO 696 OR ANY OTHER 3.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
Staff	HILL-ROM	RTLS-CLOSED	RTLS - STAFF LOCATING LOCATION-CLOSED AREA		STEEL CITY GW-225G, RACO 691 OR ANY OTHER TWO GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
Staff	HILL-ROM	RTLS-OPEN	RTLS - STAFF LOCATING LOCATION-GLASS/OPEN AREA		STEEL CITY GW-225G, RACO 691 OR ANY OTHER TWO GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
Staff	HILL-ROM	RTLS-BAY	RTLS - STAFF LOCATING LOCATION-BAY		STEEL CITY GW-225G, RACO 691 OR ANY OTHER TWO GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM		PILLOW SPEAKEKER, REQUIRES ASBC.			
R	CURBELL	MAP985A	REMOTE ENTERTAINMENT STATION		STEEL CITY GW-225C, RACO 691 OR ANY OTHER TWO GANG BACK BOX.	REFER TO ELEVATION DRAWINGS

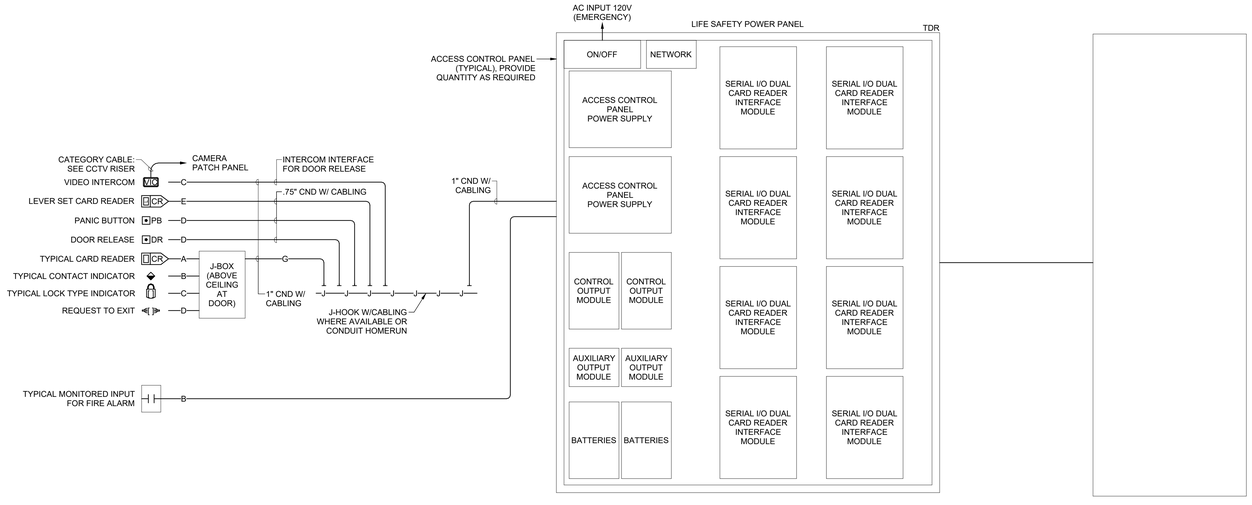
GENERAL DIVISION OF WORK

CARD READERS -	BY DIVISION 26/28
CONTACT INDICATORS @ DOOR -	BY DIVISION 28
CONTACT INDICATORS @ GARAGE DOOR -	BY DIVISION 28
ACCESS CONTROL SYSTEM -	BY DIVISION 26/28
DOOR POWER SUPPLIES @ DOOR -	BY DIVISION 8
DOOR POWER SUPPLIES @ CONTROL PANEL -	BY DIVISION 26/28
RACEWAYS -	BY DIVISION 26/28
CABLING -	BY DIVISION 26/28
ELECTRIFIED DOOR HARDWARE -	BY DIVISION 8
ADA OPERATORS -	BY DIVISION 8
REX (MOTION SENSORS) -	BY DIVISION 28
REX (IN DOOR HARDWARE) -	BY DIVISION 8

ACCESS CONTROL SYSTEM CONDUIT AND CABLING SCHEDULE

—A—	1" CND W/ (1) #22/6 TWSP (OSDP)	
—B—	0.75" CND W/ (1) #22/2 TWP	
—C—	0.75" CND W/ (2) #18/4 TWP	
—D—	0.75" CND W/ (2) #22/4 TWP	—G— COMPOSITE CABLE (MULTI)
—E—	0.75" CND W/ (2) #18/4 TWP OVERALL SHIELD (OSDP)	

IP NETWORK



LEVEL 1

A1 ACCESS CONTROL RISER DIAGRAM - IHC

SCALE: NTS

VCBO®

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524 SOUTH 600 EAST
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SYSTEMS RISER DIAGRAMS

EY601

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