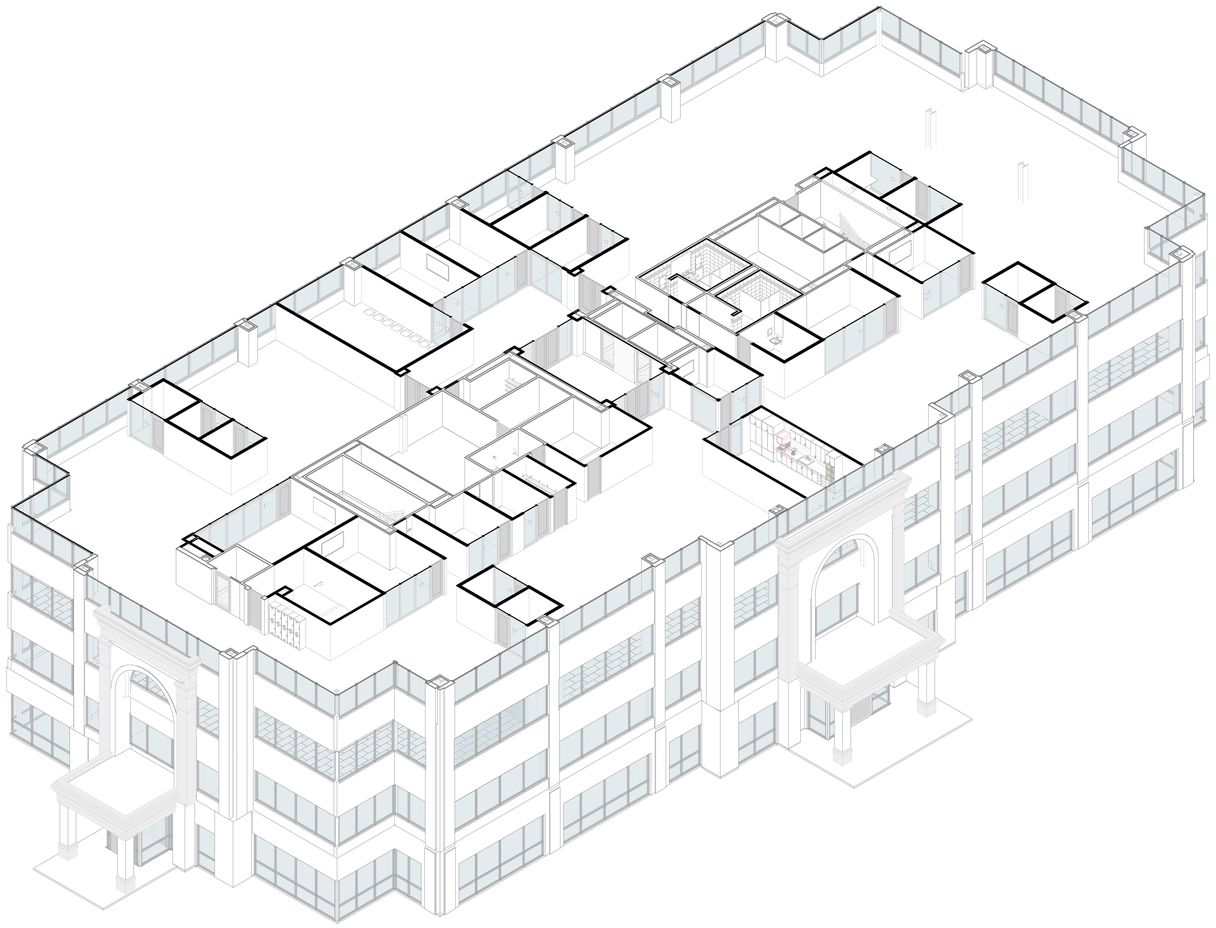
INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123
CLIENT PROJECT NUMBER: 00000



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3/27/2020 5:36:54 PM 19060 INTERMOUNTAIN - SHC 3RD FLOOR REMODEL CONSTRUCTION DOCUMENTS (PROGRESS SET)

CONSTRUCTION DOCUMENTS (PROGRESS SET)
MARCH 27, 2020

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 BIBB
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 FIBERBOARD
MECH	MECHANICAL
MEMB	MEMBRANE
MEZZ	MEZZANINE
MFR	MANUFACTURER
MGR	MANAGER
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
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 WALLCOVERING
W	WEST
W	WIDTH
W/	WITH
WC	WATER CLOSET
WD	WOOD
W/O	WITHOUT
WSCT	WAINSCOT
WWF	WELDED WIRE FABRIC

UTILITY CONTACTS

power
-
MURRY CITY POWER
153 WEST 4800 SOUTH
MURRAY, UTAH 84124
-
801.264.2706

natural gas
-
QUESTAR GAS
180 EAST 100 SOUTH
SALT LAKE CITY, UTAH 84145
swgas.com
801.324.5000

water/storm drain
DANNY J ASTILL
MURRAY CITY WATER DEPT
4646 SOUTH 500 WEST
MURRAY, UTAH 84123
murray.utah.gov
801.270.2440

telephone
-
QWEST COMMUNICATIONS
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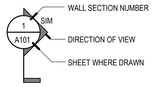
REFERENCE SYMBOL LEGEND

BUILDING SECTION


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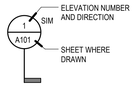
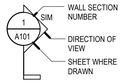
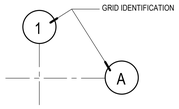
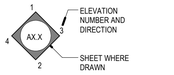


WALL SECTION


LAYOUT GRID LINES


INTERIOR ELEVATION


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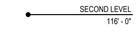
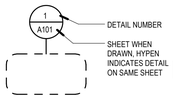
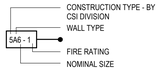


ROOM NAME AND NUMBER

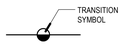

DETAIL REFERENCE


WALL TYPE MARK


SEE WALL TYPE SHEET FOR ADDITIONAL INFORMATION

DRAWING TAGS

REVISIONS TAG


FLOOR TRANSITIONS MARKER


CEILING TAG


ELEVATION MARKER

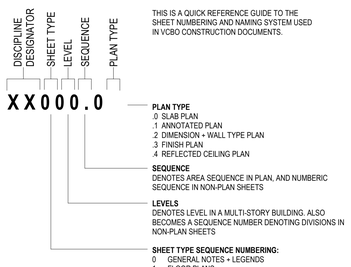

WINDOW TAG


FINISH TAG

NAME	T: W?
#	R: W?
B?	B: W?
F?	F: W?
	L: W?

SINGLE FINISH SYMBOL
F — INDICATES WHERE FINISHES ARE DIFFERENT FROM GENERAL ROOM FINISHES, OR PROVIDE ADDITIONAL FINISH INFORMATION

SHEET NUMBERING + NAMING



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

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 NUMBERIC SEQUENCE IN NON-PLAN SHEETS

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

SHEET TYPE SEQUENCE NUMBERING:

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

SHEET SYMBOLS

VICINITY MAP

DESIGN DATA

GOVERNING BUILDING CODES:
IBC 2018, to include Appendix J; ANSI 117-1 2009; NFPA 101 LIFE SAFETY 2018; IMC 2018; IPC 2018; IECC 2018, for commercial projects; IFGC 2018; NEC 2017

OCCUPANCY TYPE - CH.3
- TENANT IMPROVEMENT TO EXISTING BUILDING. NOT A CHANGE IN OCCCUPANCY. ORIGIONALLY BUILT IN 2006 UNDER IBC 2003. ALL RATED ASSEMBLIES TO REMAIN.
- **Group B**

CONSTRUCTION TYPE - CH.3
TYPE II-B. ORIGIONALLY BUILT IN 2006

APPLICABLE CODES:
IBC 2003, IFC 2003, IMC 2003, IPC 2003, IECC 2003, NEC 2002

FIRE SPRINKLERED: YES

SQUARE FOOTAGE OF REMODELED AREAS:
LEVEL 3 - 21,705 S.F.

EGRESS WIDTH FOR OCCUPANCY SERVED (PER 1005)
- STAIRS 0.3 IN / OCC., OTHER 0.2 IN / OCC.

LEVEL 3 - 21,705 S.F. = 218 OCCUPANTS
218 OCCUPANTS * 0.2 = 44" REQUIRED EGRESS WIDTH
72" PROVIDED

FIRE RESISTANCE RATING REQUIREMENTS:
TYPE II-B CONSTRUCTION
FIRE RESISTANCE RATING FOR BUILDING ELEMENTS:

TABLE 601

STRUCTURAL FRAME	0 HOUR
BEARING WALL (INT./EXT.)	0 HOUR
NON-BEARING WALL (INT./EXT.)	0 HOUR
FLOOR CONSTRUCTION	0 HOUR
ROOF CONSTRUCTION	0 HOUR

SHEET INDEX

Grand total: 59

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.

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.

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VCBO.COM

REV	DATE	DESCRIPTION

VCBO NUMBER: 19800
CLIENT NUMBER: 00000
DATE: MARCH 27, 2020

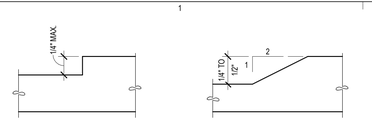
INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

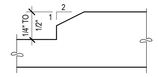
INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

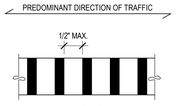
GENERAL INFORMATION + INDEX

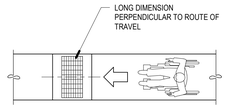
G001



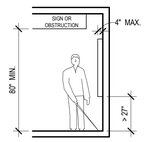



CARPET PILE THICKNESS



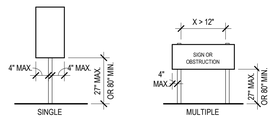


303. CHANGES IN LEVEL



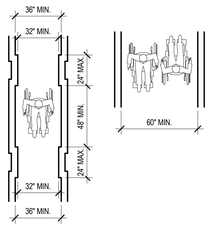
LIMITS OF PROTRUDING OBJECTS

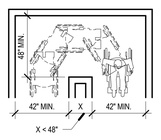
307.3 POST-MOUNTED OBJECTS. OBJECTS ON POSTS OR PYLONS SHALL BE PERMITTED TO OVERHANG 4 INCHES MAXIMUM WHERE MORE THAN 27 INCHES AND NOT MORE THAN 80 INCHES ABOVE THE FLOOR. OBJECTS ON MULTIPLE POSTS OR PYLONS WHERE THE CLEAR DISTANCE BETWEEN THE POSTS OR PYLONS IS GREATER THAN 12 INCHES SHALL HAVE THE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



POST MOUNTED PROTRUDING OBJECTS

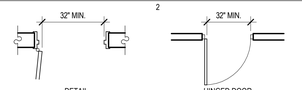
307. PROTRUDING OBJECTS



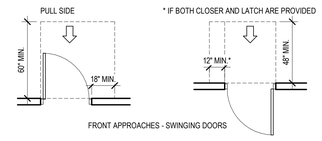


CLEAR WIDTH AT TURN

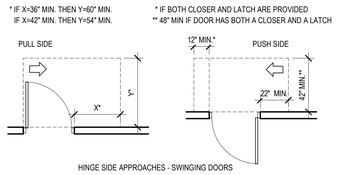
403. ACCESSIBLE ROUTES



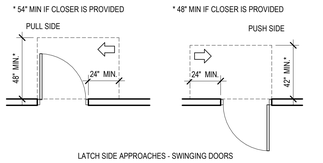
CLEAR DOORWAY WIDTH AND DEPTH



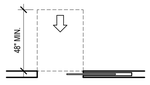
FRONT APPROACHES - SWINGING DOORS



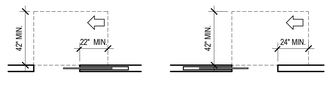
HINGE SIDE APPROACHES - SWINGING DOORS



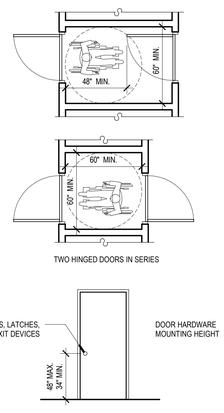
LATCH SIDE APPROACHES - SWINGING DOORS



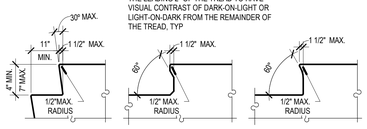
FRONT APPROACH - SLIDING DOORS AND FOLDING DOORS



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

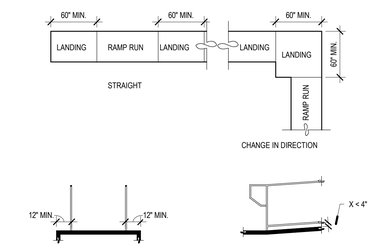


404. DOORS AND DOORWAYS

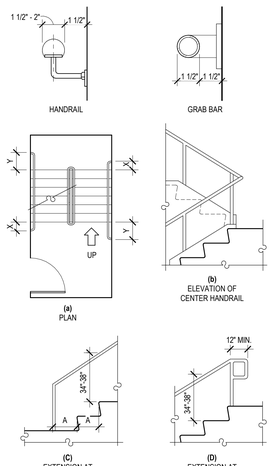


NOTE:
THE LEADING 2" OF THE TREAD TO HAVE VISUAL CONTRAST OF DARK-ON-LIGHT OR LIGHT-ON-DARK FROM THE REMAINDER OF THE TREAD, TYP

504.5 STAIR NOSINGS



405. RAMP LANDINGS

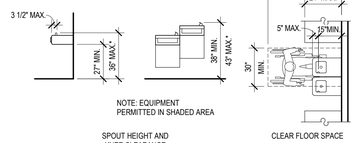


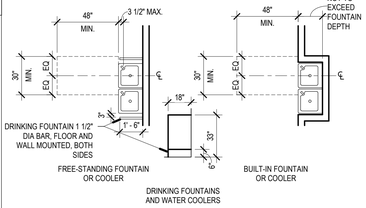
NOTE: X IS THE 12" MINIMUM HANDRAIL EXTENSION REQ'D AT EACH TOP RISER IN THE DIRECTION OF TRAVEL

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

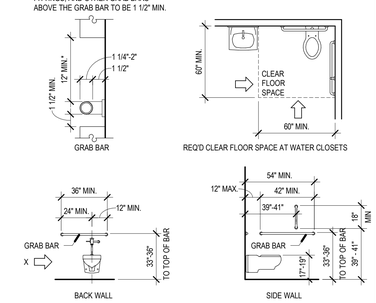
* MAX. HEIGHT IS 36" FOR WHEEL-CHAIR ACCESSIBLE DRINKING FOUNTAIN. HEIGHT FOR STANDING PERSONS DRINKING FOUNTAIN IS 38" MIN. AND 43" MAX. MAX. HEIGHT FOR DRINKING FOUNTAINS PRIMARILY USED BY CHILDREN IS 30" .

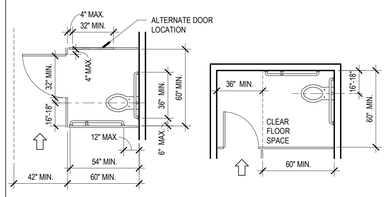


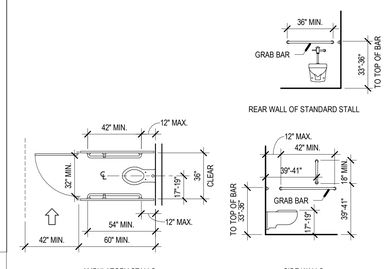


602 DRINKING FOUNTAINS

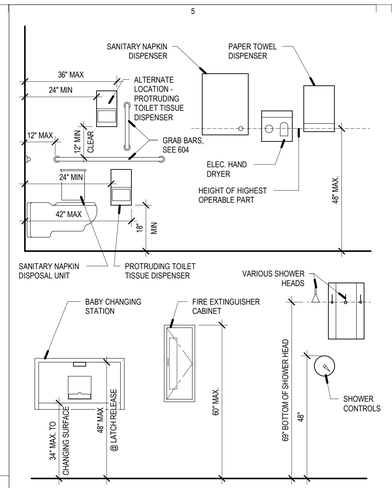
* THE SPACE BETWEEN THE GRAB BARS AND SHOWER CONTROLS, SHOWER FITTINGS, AND OTHER GRAB BARS ABOVE THE GRAB BAR TO BE 1 1/2" MIN.



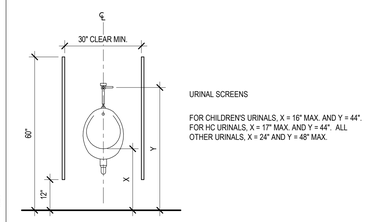




604 TOILETS AND TOILET COMPARTMENTS



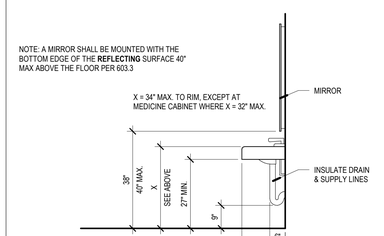
604.7 ACCESSORIES AND EQUIPMENT

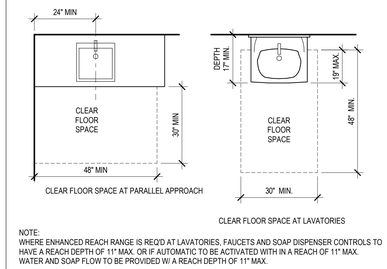


URINAL SCREENS

FOR CHILDREN'S URINALS, X = 16" MAX. AND Y = 44". FOR HC URINALS, X = 17" MAX. AND Y = 44". ALL OTHER URINALS, X = 24" AND Y = 48" MAX.

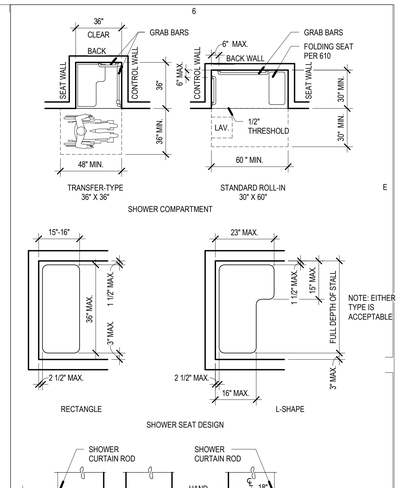
605 URINALS

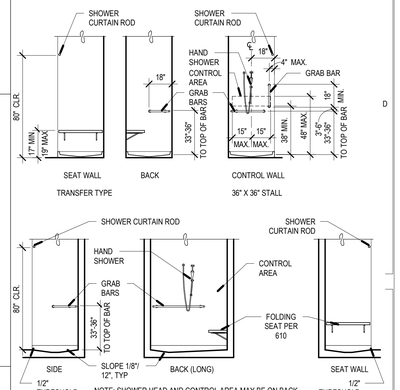




NOTE:
WHERE ENHANCED REACH RANGE IS REQ'D AT LAVATORIES, FAUCETS AND SOAP DISPENSER CONTROLS TO HAVE A REACH DEPTH OF 11" MAX. OR IF AUTOMATIC TO BE ACTIVATED WITH IN A REACH OF 11" MAX. WATER AND SOAP FLOW TO BE PROVIDED W/ A REACH DEPTH OF 11" MAX.

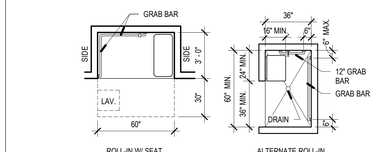
606. LAVATORIES AND SINKS





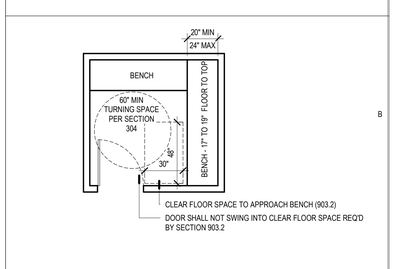
GRAB BARS AT SHOWER STALLS — 30" X 60" STALL

STANDARD ROLL-IN



ROLL-IN SHOWER W/ FOLDING SEAT

608. SHOWER COMPARTMENTS



612 SAUNA & STEAM ROOMS

VCBO ARCHITECTURE
524 SOUTH 600 EAST
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801.575.8800
VCBO.COM

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VCBO NUMBER: 19800
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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

TYP ANSI ACCESSIBILITY STANDARDS

G301

KEYED NOTES

223.0	DEMO AND REMOVE EXISTING WALL
224.0	REMOVE EXISTING FLOOR TILE AND THICK SET MORTAR BED, PATCH AND REPAIR AS REQUIRED TO PREPARE FLOOR SURFACE FOR NEW FLOORING
224.1	REMOVE EXISTING WALL TILE
225.0	REMOVE EXISTING CARPET FLOORING, REMOVE EXCESS GLUE, SMOOTH, PATCH AND REPAIR AS REQUIRED
226.0	REMOVE EXISTING HOLLOW METAL DOOR FRAME AND DOOR
227.0	REMOVE EXISTING COUNTERTOP
227.1	REMOVE EXISTING BASE CABINETS
227.2	REMOVE EXISTING WALL CABINETS
229.0	DEMO AND REMOVE EXISTING GLASS WALL
230.0	DEMO AND REMOVE EXISTING GLASS DOOR
238.0	DEMO AND REMOVE EXISTING SINK AND FAUCET
239.0	REMOVE EXISTING TOILETS, URINALS, PARTITIONS, AND TOILET ACCESSORIES
240.0	REMOVE EXISTING REFRIGERATOR
241.0	REMOVE EXISTING VCT, GRIND AND SMOOTH, PATCH AND REPAIR AS REQUIRED
242.0	REMOVE REVEALS IN WALL AT 3' AND 7"

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. PROVIDE DUSTPROOF ENCLOSURES AT PERIMETER OF CONSTRUCTION & DEMOLITION FOR PROTECTION OF ADJACENT SPACES.
3. COORDINATE 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.
4. BRING TO ARCHITECT'S ATTENTION EXISTING CONDITIONS THAT PRESENT ANY CODE VIOLATIONS, INCORRECT CONSTRUCTION OR SAFETY PROBLEMS.
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.
6. PROTECT EXISTING STRUCTURE, FINISHES, AND SITE ELEMENTS NOT SCHEDULED FOR DEMOLITION. RESTORE DAMAGED ITEMS TO THEIR ORIGINAL CONDITION OR REPLACE AT CONTRACTOR'S EXPENSE.
7. REMOVE AND DISPOSE SELECTIVE DEMOLITION MATERIAL PER CITY REQUIREMENTS.
8. SALVAGE MATERIAL WHERE INDICATED. REMOVE ITEMS FROM CURRENT LOCATIONS & PREPARE FOR TRANSPORT BY THE OWNER.
9. AS SOME DEMOLITION WORK IS SPECIFIC TO DIVISION 22, 23, 26, THE CONTRACTOR SHALL CROSS REFERENCE WITH ELECTRICAL AND MECHANICAL PLANS FOR ADDITIONAL DEMOLITION WHICH IS REQUIRED, BUT NOT REFLECTED ON ARCHITECTURAL DRAWINGS.

GENERAL PLAN DEMOLITION NOTES

1. REFER TO ELECTRICAL AND MECHANICAL PLANS FOR REQUIRED ADDITIONAL DEMOLITION
2. MAINTAIN EXISTING FIRE RATINGS THROUGHOUT CONSTRUCTION
3. DO NOT DISTURB EXISTING FIRE RATED ELEMENTS INCLUDING FIREPROOFING. PATCH/REPAIR DAMAGED OR DISTURBED ITEMS.
4. AFTER DEMOLITION, PRIOR TO FINISH, PATCH AND REPAIR EXISTING WALLS TO PROVIDE SMOOTH SURFACE SUITABLE FOR PAINTING OR WALL COVERING.
5. PATCH & LEVEL EXISTING CONCRETE SLABS FOR NEW FINISHES WITH FLOOR LEVELING COMPOUND.
6. FIELD VERIFY AND COORDINATE SAW CUTTING OF THE CONCRETE FLOOR SLAB WITH PLUMBING AND ELECTRICAL.
7. WHERE ELECTRICAL CIRCUIT CONTINUITY IS INTERRUPTED, BUT MUST BE MAINTAINED, MAKE NECESSARY MODIFICATIONS TO MAINTAIN CIRCUIT INTEGRITY.
8. REMOVE ELECTRICAL BOXES BEHIND RELOCATED MILLWORK AND CAP AS REQUIRED.
9. CAP EXISTING DUCT WORK FOR DUST CONTROL.
10. ALL EXISTING COLUMN WRAPS TO REMAIN UNLESS NOTED.
11. EXISTING THERMOSTATS TO BE SALVAGED FOR FUTURE USE. IF THEY ARE ON A WALL THAT IS TO REMAIN, LEAVE IN PLACE AND PROTECT AS REQUIRED.

DEMOLITION LEGEND

- HALF-TONE LINE DENOTES ITEMS TO REMAIN
- DASHED LINE DENOTES ITEMS TO BE DEMOLISHED
- AREA TO REMAIN UNDISTURBED DURING CONSTRUCTION

A1 PLAN - LEVEL 03 - DEMOLITION

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

VCBO ARCHITECTURE
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
VCBO.COM

REV	DATE	DESCRIPTION

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

DEMOLITION PLAN - LEVEL 03

AD130.1

KEYED NOTES

GENERAL DEMOLITION NOTES

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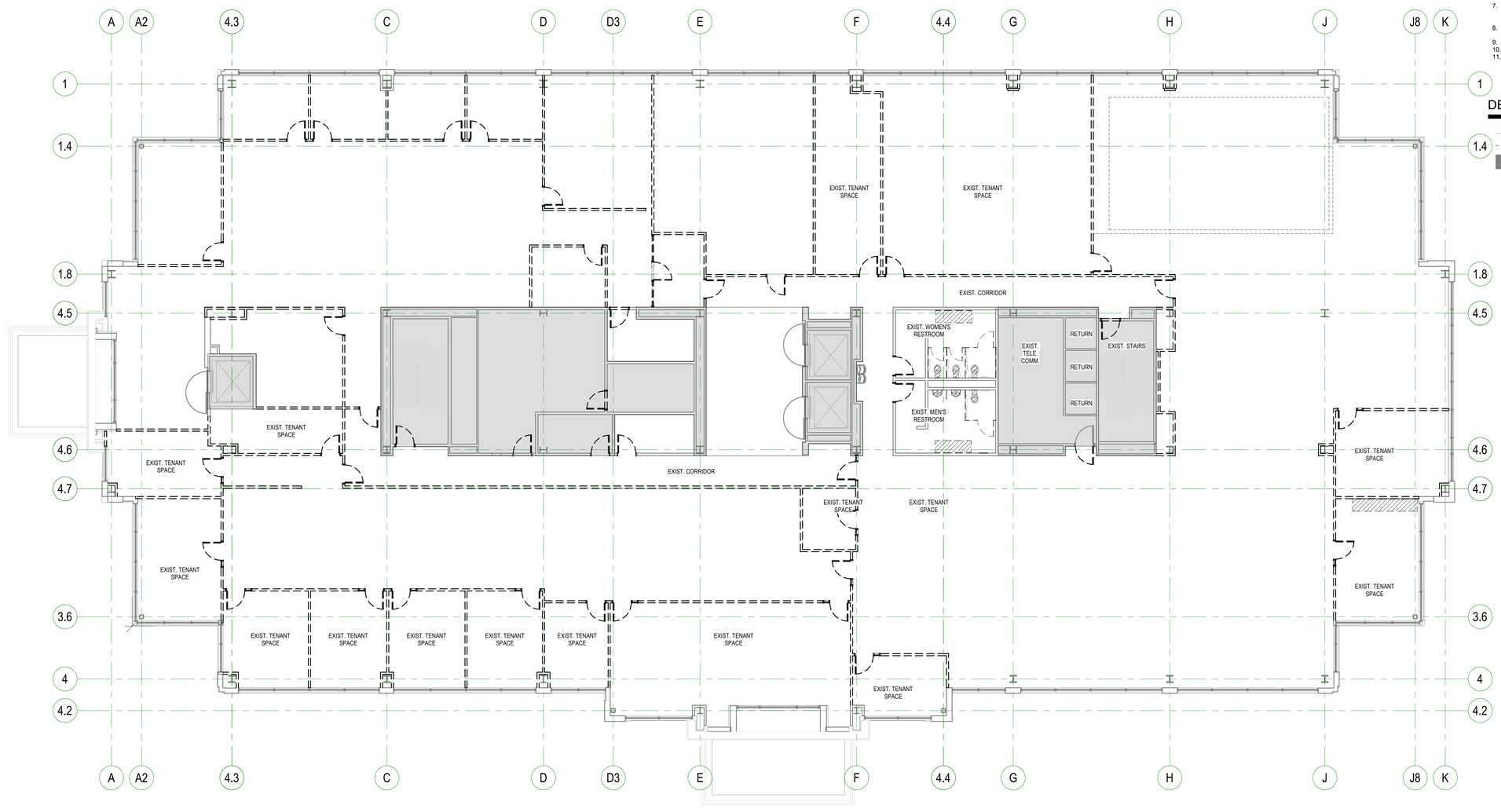
DEMOLITION LEGEND

HALF-TONE LINE DENOTES ITEMS TO REMAIN

DASHED LINE DENOTES ITEMS TO BE DEMOLISHED

AREA TO REMAIN UNDISTURBED DURING CONSTRUCTION



1 PLAN - LEVEL 03 - DEMOLITION RCP

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

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

DEMOLITION RCP - LEVEL 03

AD130.4

1 ANNOTATED PLAN - LEVEL 03

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

KEYED NOTES

237.1	REMOVE EXISTING WINDOW SILL AND TRIM DEPTH AS REQ'D TO ALLOW FOR NEW 2X2 WINDOW SYSTEM. PATCH AND REPAIR EXISTING SILLS WITH MATCHING MASONITE PROFILES, PROVIDE COLORED SEALANT AT ALL EXPOSED EDGES. C.S.B.A.
802.0	STOREFRONT SYSTEM

PARTITION + FRAMING GENERAL NOTES

FRAMED WALL PARTITIONS

1. PARTITION TYPE INDICATIONS ARE INDEPENDENT OF APPLIED FINISHES. SEE FINISH SHEETS AND INTERIOR ELEVATIONS FOR WALL FINISHES INCLUDING TILE COURSING AND LAYOUT AND/OR THE DESIGNATIONS ON THE PLANS FOR ADDITIONAL INFORMATION REGARDING APPLIED FINISHES.
2. WHERE PARTITION TYPE DESIGNATION ON FLOOR PLANS IS INTERRUPTED BY DOOR OPENING, GLAZED PARTITION, ETC., CONSTRUCTION ABOVE INTERRUPTION (AND WHERE APPLICABLE BELOW) IS TO BE THE SAME AS THAT DESIGNATED FOR THE PARTITION IN WHICH THE INTERRUPTION OCCURRED.
3. THE MINIMUM REQUIREMENTS FOR CONSTRUCTION OF EACH PARTITION TYPE AS EXPRESSED BY THE INDICATED REFERENCE ARE INCORPORATED BY REFERENCE AND ARE APPLICABLE TO THE WORK OF THIS PROJECT. HOWEVER, ADDITIONAL AND/OR MORE RESTRICTIVE REQUIREMENTS MAY BE INDICATED BY THE SPECIFICATIONS AND DRAWINGS. SUCH REQUIREMENTS ALSO APPLY AND SHALL GOVERN. SUCH REQUIREMENTS INCLUDE BUT ARE NOT LIMITED TO:
   a. USE 5/8" THICK GYPSUM BOARD THROUGHOUT UNLESS NOTED OTHERWISE.
   b. USE 16" OC MAX STUD SPACING UNLESS NOTED OTHERWISE IN THESE DOCUMENTS. THE SPACING STATED BY THE REFERENCED APPROVAL OR EST REPORT IS THE MAX SPACING IF ALLOWED IN THESE DOCUMENTS.
   c. USE STUDS OF GAUGE INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS. THE GAUGE STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MINIMUM GAUGE TESTED, 20 GA (30 MILS) IS THE MINIMUM ALLOWED IN THESE DOCUMENTS.
4. USE STUDS OF DEPTH INDICATED BY THIS SET OF DOCUMENTS. THE DEPTH STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MINIMUM DEPTH TESTED DEPTH ALLOWED IN THESE DOCUMENTS. SEE STRUCTURAL DOCUMENTS FOR ADDITIONAL INFORMATION PERTAINING TO THE CONSTRUCTION OF CONCRETE, MASONRY AND STUD WALLS
5. PROVIDE FIRE RATED CONSTRUCTION ASSEMBLIES WHERE INDICATED ON SHEETS G100's AND FLOOR PLAN DRAWINGS.
6. ALL DIMENSIONS ARE CENTER OF STUD OR FACE OF CONCRETE, MASONRY OR ROUGH OPENING UNLESS NOTED OTHERWISE. FACE OF FINISHED WALL WILL BE NOTED AS FOW.
7. AT ALL INTERIOR WALLS, STUDS, INSULATION AND GYPSUM BOARD ARE TO EXTEND TO THE DECK ABOVE. UNLESS NOTED OTHERWISE.
8. WALL TYPES NOT NOTED ARE ASSUMED TO MATCH ADJACENT ROOMS. SEE SHEETS FOR FINISHES, NOTIFY ARCHITECT OF ANY DISCREPANCIES.
9. ALL METAL STUD PARTITIONS ARE CONSIDERED ACOUSTIC PARTITIONS AND ARE TO RECEIVE A TYPE 1 SOUND ATTENUATION BLANKET. THICKNESS TO MATCH STUD DEPTH, UNLESS NOTED OTHERWISE.
10. REFER TO SHEET AXXX FOR TYPICAL INTERIOR WALL CONDITIONS ASSOCIATED WITH ALL METAL STUD PARTITIONS.
11. PROVIDE CONTROL JOINTS IN METAL FRAMED WALLS AT APPROXIMATELY 30 FEET ON CENTER. LOCATE AT CORNER ABOVE DOORS OR INSIDE CORNER OF PILASTERS OR OTHER INCONSPICUOUS LOCATION WHERE POSSIBLE. **CONSULT WITH ARCHITECT PRIOR TO COMMENCING FRAMING.** INSTALL PER DETAILS XX, XX AND XX/ AXXX FOR CONTROL JOINTS.
12. AT WALL OPENINGS FOR PENETRATION OF PIPES, DUCTS, DEVICES, ETC., GYPSUM BOARD IS TO BE CUT TO MATCH THE SHAPE AND DIMENSION OF THE PENETRATING OBJECT AND THE GAP BETWEEN THE OBJECT AND THE WALL IS TO BE SEALED W/ ACOUSTICAL OR FIRE SEALANT ON ALL SIDES WITH A 3/4" JOINT AT ALL SIDES, MAXIMUM. THE OPENING FOR DUCTS OR LARGE PENETRATIONS SHALL BE FRAMED WITH A HEADER, ADD AN ANGLED CORNER BRACE IF THE GAP EXCEEDS 3" FROM FRAMING TO THE OPENING.
13. PROVIDE BLOCKING / BACKING FOR ALL WALL MOUNTED EQUIPMENT. SEE FLOOR PLANS AND INTERIOR ELEVATIONS FOR CABINETS, GRAB BARS ETC. INSTALL BLOCKING AS DETAILED OR AS REQUIRED TO MOUNT SUCH DEVICES. ALL BLOCKING IS TO BE FIRE RETARDANT TREATED. INSTALL PER SHEET A570.
14. **WHERE THERE IS LIMITED WATER EXPOSURE:** INSTALL ONE LAYER OF 5/8" TYPE X WATER RESISTANT GYPSUM BOARD PER ASTM C1396 (WHERE GYPSUM BOARD OCCURS) OF BASIC PARTITION AT THE FOLLOWING LOCATIONS:
   a. WITHIN 2 FEET HORIZONTALLY AND 4 FEET VERTICALLY OF JANITORS SINKS
   b. AT OTHER LOCATIONS, I.E. TOILET ROOMS AND KITCHENS, AND AS INDICATED ON THE ARCHITECTURAL FINISH PLANS AND ELEVATIONS.
15. INSTALL ONE LAYER OF 5/8" GLASS MAT TILE BACKER BOARD IN LIEU OF GYPSUM BOARD (WHERE GYPSUM BOARD OCCURS) OF BASIC PARTITION WHERE THERE IS NO FIRE RATING AND OVER GYPSUM BOARD FACE LAYER AT FIRE RATED PARTITIONS AT THE FOLLOWING LOCATIONS.
16. AT WET LOCATIONS, SUCH AS SHOWER STALLS AND TUB SURROUNDS.
   a. WHERE CERAMIC TILE FINISHES ARE INDICATED PER THE FINISH PLANS AND/OR INTERIOR ELEVATIONS.
   b. AT OTHER LOCATIONS AS INDICATED BY THE ARCHITECTURAL FINISH PLANS AND ELEVATIONS.
17. WHERE NEW WALLS OR FURRING ARE INDICATED TO BE DIMENSIONED OFF OF AN EXISTING WALL, THE NEW WALL SHALL BE STRAIGHT AND PLUMB REGARDLESS OF THE CONDITION OF THE EXISTING WALL.
18. SEE DETAIL XX AND XX ON SHEET AXXX FOR TYPICAL FIRE EXTINGUISHER CABINET INSTALLATION DETAILS

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

ANNOTATED PLAN - LEVEL 03

A130.1

A1 PLAN - LEVEL 03 - DIMENSION + WALL TYPE

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

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

KEY FOR PARTITION TYPES

DENOTES TYPE OF CONSTRUCTION (SPEC. DIVISION)

WALL

- 3X 0 SERIES CONCRETE
- 4X 0 SERIES MASONRY
- 5X 0 SERIES COLD FORMED METAL STUDS, 16ga 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

1 HOUR SEPARATION

2 HOUR SEPARATION

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

NON-BEARING METAL HEADER SCHEDULE

MAXIMUM SPAN	HEADER	FY
4'-0"	(2) 400S137-43	33 ksi
6'-0"	(2) 600S162-43	33 ksi
8'-0"	(2) 800S162-43	33 ksi

METAL STUD HEADER NOTES:

1. SCHEDULE TO BE USED FOR NON-BEARING WALLS.
2. HEADERS TO BE CONSTRUCTED AS BOX HEADERS PER SSMA STANDARDS.
3. SEE TYPICAL DETAIL FOR MORE INFORMATION.

NON-BEARING METAL STUD GAUGE SIZING

400S137-43

- 400: MEMBER DEPTH IN 1/100 INCHES
- S: STYLE (S=STUD OR JOIST)
- 137: FLANGE WIDTH IN 1/100 INCHES
- 43: MATERIAL THICKNESS IN MILS

MEMBER DEPTH	MAX STUD HEIGHT	MIN. GA. & SPACING
2 1/2" (250S125-33)	10'-0"	20@16" O.C.
3 5/8" (362S125-33)	14'-0"	20@16" O.C.
3 5/8" (362S162-33)	16'-0"	20@16" O.C.
3 5/8" (362S162-43)	18'-0"	18@16" O.C.
6" (600S162-33)	24'-0"	20@16" O.C.
6" (600S162-43)	26'-0"	18@16" O.C.
6" (600S162-54-50KSI)	28'-0"	16@16" O.C.

METAL STUD NOTES:

1. STEEL STUDS SHALL MEET ICC REPORT ER-4943P AND THE SSMA STANDARDS. HEIGHT BASED ON SSMA 2001 CATALOG AND PROJECT REQUIREMENTS.
2. SEE SCHEDULE FOR STUD SPACING AND GAUGE. ALL STUDS AND BRACES SHALL BE 33 KSI UNLESS NOTED OTHERWISE IN THESE DRAWINGS.
3. AT ALL DOORS PROVIDE TWO TABBED 18 GAUGE STUDS AT BOTH SIDES OF JAMB.
4. PLEASE NOTE THAT DUE TO THE LARGE FLOOR TO FLOOR HEIGHT 18 GAUGE STUDS WILL BE NECESSARY IN MOST INTERIOR NON LOAD BEARING WALLS. REFER TO THE CHART ABOVE.

VCBO ARCHITECTURE
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
VCBO.COM

REV	DATE	DESCRIPTION

VCBO NUMBER: 19800
CLIENT NUMBER: 00000
DATE: MARCH 27, 2020

INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

DIMENSION + WALL TYPE PLAN - LEVEL 03

A130.2

LEGEND - FINISH

MARK	DESCRIPTION	MANUFACTURER	NAME	COLOR	COMMENTS
FLOOR					
F1	CARPET TILE	SHAW CONTACT	HAND DRAWN, STIPPLE TILE 5T116	SLATE 13585	18" X 36" PLANK, ASHLAR INSTALLATION
F2	CARPET TILE - ACCENT	SHAW CONTACT	NOBLE MATERIALS, FORM TILE 5TI36	CORNERSTONE COPPER 33555	24" X 24" SQUARE, STRAIGHT SET
F3	PORCELAIN TILE	DALTILE	STONE ATTACHE, CONSULATE, ANTIQUE	PREMIER GREY CS05, UNPOLISHED	24" X 48" , ASHLAR TILE INSTALLATION
F4	LUXURY VINYL TILE	MANNINGTON COMMERCIAL	NATURE'S PATHS	WINDSOR OAK, ASHEN 12372-6"	6" X 36" PLANK, ASHLAR INSTALLATION
F5	STATIC DISSIPATIVE	ROPPE	F408	MARRON	24" X 24", MONOLITHIC INSTALLATION
BASE					
B1	RUBBER BASE	ROPPE	PINNACLE RUBBER BASE	DOLPHIN 129	4" STANDARD COVE TOE
B2	NOT USED				
B3	ALUMINUM COVE BASE FOR TILE	SCHLUTER SYSTEMS	DILEX-AHK	SATIN ANODIZED ALUMINUM	3/8" RADIUS
PAINT					
P1	GENERAL PAINT	SHERWIN WILLIAMS		SW 7009, PEARLY WHITE	EGGSHELL FINISH
P2	ACCENT PAINT - GRAY	SHERWIN WILLIAMS		SW 7018, DOVETAIL	EGGSHELL FINISH
P3	ACCENT PAINT - BLUE	SHERWIN WILLIAMS		SW 2740, MINERAL GRAY	EGGSHELL FINISH
P4	ACCENT PAINT - YELLOW	SHERWIN WILLIAMS		SW 6684, BRITTLEBUSH	EGGSHELL FINISH
SURFACE					
S1	QUARTZ COUNTERTOP	CAMBRIA	MARBLE COLLECTION	TORQUAY	MATTE FINISH
S2	PLASTIC LAMINATE FOR MILLWORK	WILSONART	HIGH PRESSURE LAMINATE	WALNUT HEIGHTS, 7965K-12	SOFT GRAIN FINISH
S3	ACOUSTIC PANELS	AUTEX	CUBE 1/2"	OPERA	PHONE ROOM ACOUSTIC TREATMENT, SEE DETAIL A4/A571
WALL					
W1	WALL COVERING	MAHARAM	NOOK 399913	ROCK 004	
W2	WALL TILE - DRINKING FOUNTAINS	DALTILE	VOLUME 1.0 GLAZED PORCELAIN	DEGREES SILVER VL71	12" x 12", MONOLITHIC INSTALLATION, GROUT: MAPEI PEWTER 02
W3	TILE BACKSPLASH; ELEVATOR LOBBY	DALTILE	LIMESTONE MOSAIC, POLISHED MODERN	CHENILLE WHITE L191	IRREGULAR MOSAIC, GROUT: MAPEI, PEWTER 02
W4	WALL TILE - RESTROOMS	DALTILE	POLARIS, PL02	GLOSS WHITE	9" X 12", MONOLITHIC INSTALLATION, GROUT: MAPEI, WHITE 00
W5	ACCENT TILE - RESTROOMS	DALTILE	STONE RADIANCE	GLACIER GRY MAR SA59; SATIN FINISH	5/8" X 5/8", GROUT: MAPEI, SILVER 27
WOOD					
WD1	PLAIN SLICED WALNUT	GRAHAM WOOD DOORS	PLAIN SLICED BLACK WALNUT	FALLOW #125	CLEAR FINISH
OTHER					
PT1	RESTROOM PARTITIONS	SCRANTON PRODUCTS	SANDCASTLE		

FINISH PLAN SYMBOLS

BASE FLOOR — NAME [F] T: W1 R: W1 B: W1 F: F L: W1 — WALL WALL WALL WALL

- (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
- FINISH DIRECTION
- CG — CORNER GUARD LOCATION

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 (F3) LOCATIONS TO BE LOCATED AT INSIDE CORNER OF DOOR.
3. ALL GROUT JOINTS TO BE NO LARGER THAN 1/8".
4. FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.
5. COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.
6. SEE ELEVATION SHEETS FOR ALL WALL TILE PATTERNS.
7. AT SOFFITS RECEIVING COLOR- PAINT ALL SIDES OF SOFFIT.
8. ALL WOOD TRIM TO BE STAINED TO MATCH DOOR STAIN.
9. ALL COUNTERTOP, BACKSPLASHES, AND EDGE BANDING TO HAVE COORDINATING FINISHES.
10. 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.
11. ALL WALLS RECEIVING TILE WAINSCOT TO RECEIVE PAINT P1 ABOVE, U.N.O. SEE FINISH PLANS FOR ACCENT WALL LOCATIONS.
12. SEE SHEET A571 FOR FLOORING TRANSITION DETAILS.
13. SEE DOOR AND WINDOW SHEET A600 FOR H.M. DOOR AND FRAME PAINT COLORS.
14. AT ALL TILE WALLS USE SCHLUTER JOLLEY AT ALL OUTSIDE WALL EDGES AND OUTSIDE CORNERS. SCRIBE BOTTOM TILE TO MATCH FINISH FLOOR SURFACE AND CAULK WITH BASE 'NB'.

A1 PLAN - LEVEL 03 - FINISH

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

KEYED NOTES

VCBO ARCHITECTURE
524 SOUTH 600 EAST, SALT LAKE CITY, UT 84102
801.575.8800 VCBO.COM

REV	DATE	DESCRIPTION

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

FINISH PLAN - LEVEL 03

A130.3

GENERAL CEILING NOTES

1. REFER TO DETAIL C6/A530 FOR TYPICAL CEILING SUSPENSION & SEISMIC BRACING
2. REFER TO DETAIL A6/A530 FOR TYPICAL SUSPENDED GYP. BOARD CEILINGS
3. ALL UNIDENTIFIED CEILING TYPES ON THE PLANS SHALL BE TYPE " A" AT 9'-4" 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 AT TYPE "E" & TYPE "F" (ABOVE VENTWOOD)
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 CEILINGS IN RESTROOMS, LOCKER ROOMS, SHOWERS, AND WET AREAS TO BE EPOXY PAINTED

CEILING LEGEND

- A- SUSPENDED 2' X 2' ACOUSTICAL LAY-IN TILE CEILING (2ND LOOK)
- B- SUSPENDED 2' X 4' ACOUSTICAL LAY-IN TILE CEILING
- C- SUSPENDED 5/8" GYP. BD. CEILING SYSTEM - (1 LAYER) PAINTED
- D- VENTED WOOD CEILING SYSTEM WITH 2' X 4' ACOUSTICAL LAY-IN BLACK TILE CEILING ABOVE
- E- EXISTING CEILING

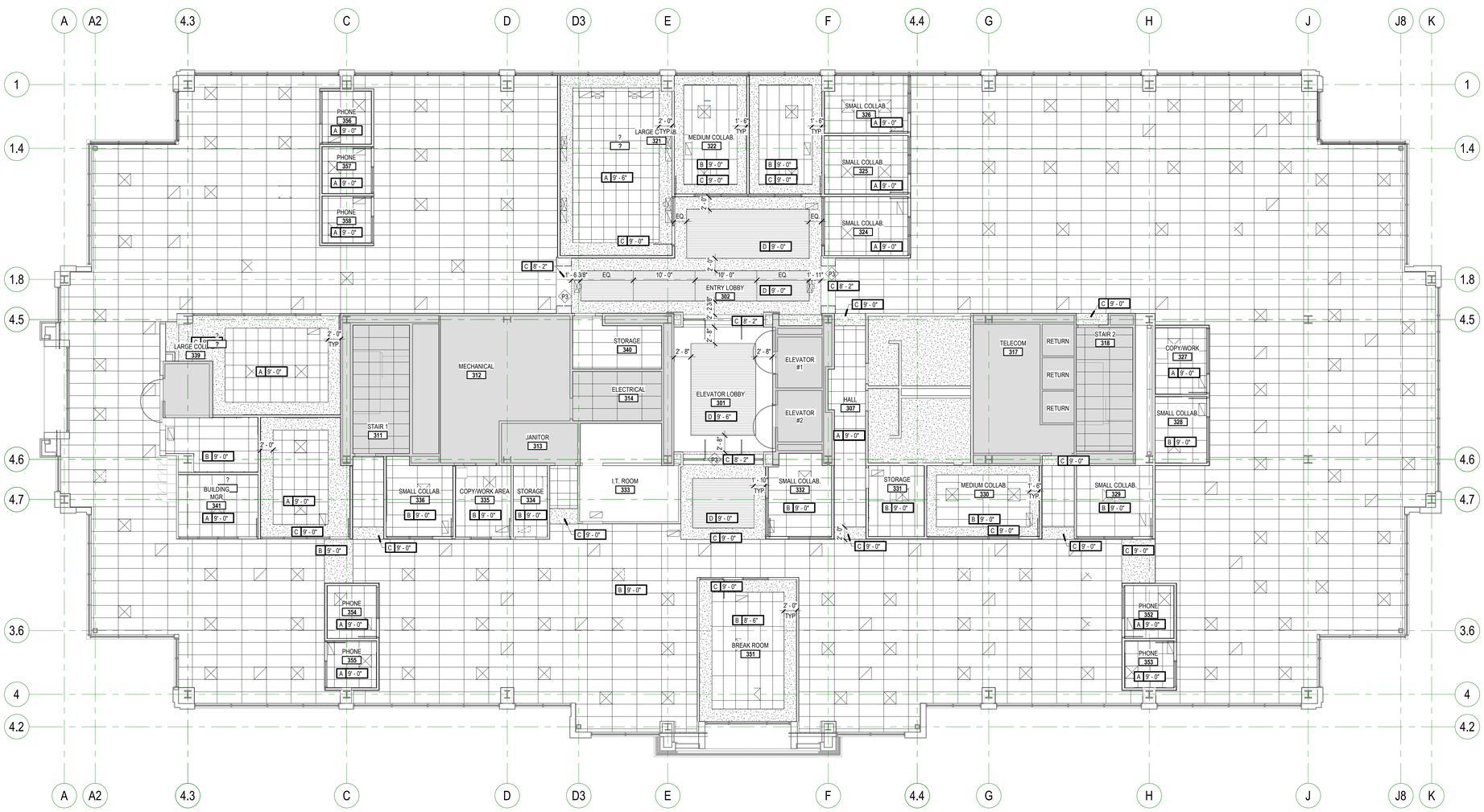
CEILING SYMBOLS

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
- FIRE ALARM
- SPEAKER
- SMOKE DETECTOR
- WIRELESS INTERNET

MECHANICAL

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



1 PLAN - LEVEL 03 - RCP

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

VCBO ARCHITECTURE
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
VCBO.COM

G. Joshua Elliott REGISTERED PROFESSIONAL ENGINEER 8350201 State of Utah

12/10/19

REV	DATE	DESCRIPTION

VCBO NUMBER: 19800
CLIENT NUMBER: 00000
DATE: MARCH 27, 2020

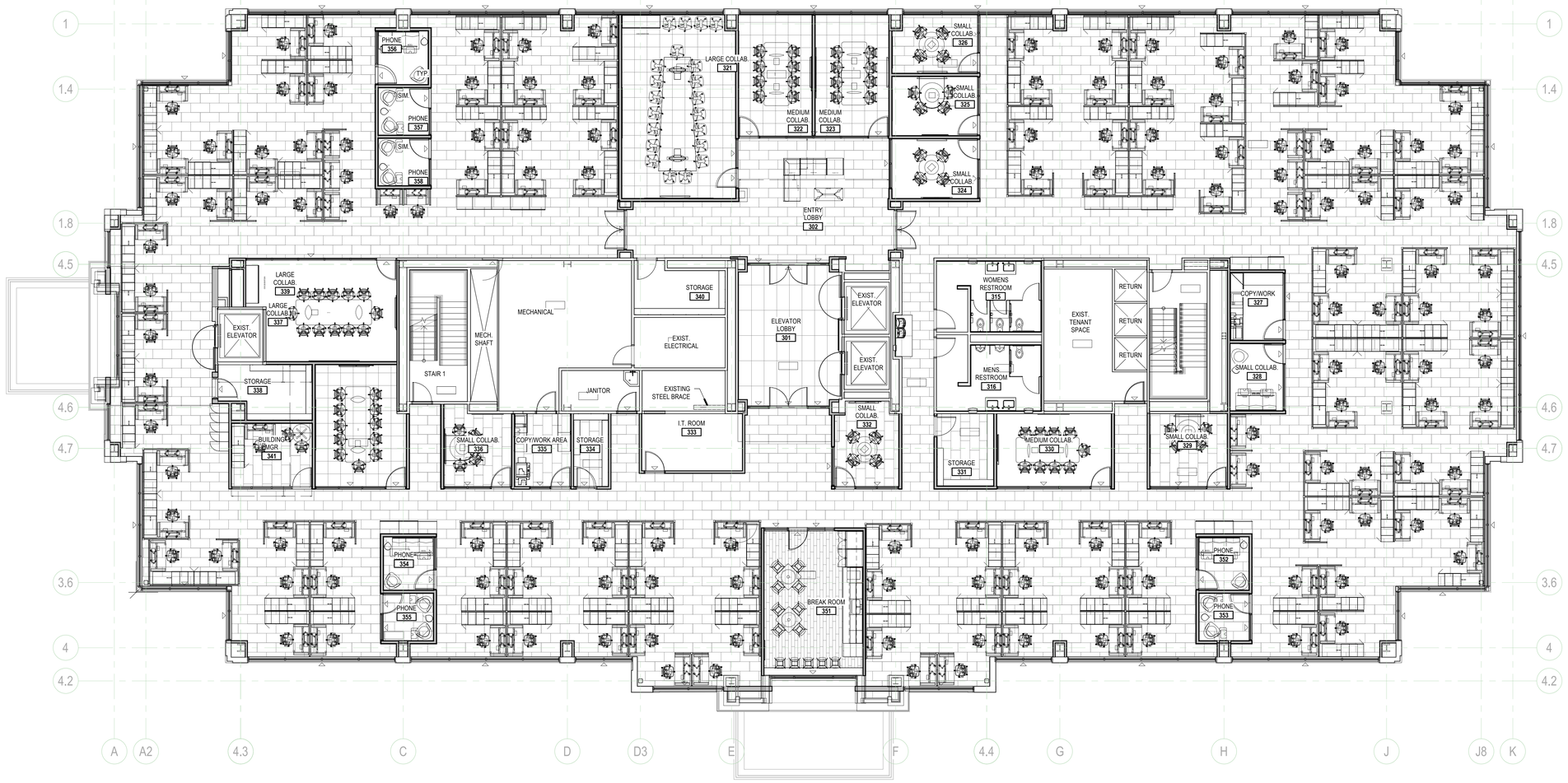
INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

REFLECTED CEILING PLAN - LEVEL 03

A130.4



1 PLAN - LEVEL 03 - FURNITURE

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

VCBO ARCHITECTURE
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
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REV	DATE	DESCRIPTION

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

FURNITURE PLAN - LEVEL 03

A130.5

LEGEND - FINISH

MARK	DESCRIPTION	MANUFACTURER	NAME	COLOR	COMMENTS
FLOOR					
F1	CARPET TILE	SHAW CONTACT	HAND DRAWN, STIPPLE TILE 5T116	SLATE 13585	18" X 36" PLANK, ASHLAR INSTALLATION
F2	CARPET TILE - ACCENT	SHAW CONTACT	NOBLE MATERIALS, FORM TILE 5T136	CORNERSTONE COPPER 33555	24" X 24" SQUARE, STRAIGHT SET
F3	PORCELAIN TILE	DALTILE	STONE ATTACHE, CONSULATE, ANTIQUE	PREMIER GREY CS05, UNPOLISHED	24" X 48" , ASHLAR TILE INSTALLATION
F4	LUXURY VINYL TILE	MANNINGTON COMMERCIAL	NATURE'S PATHS	WINDSOR OAK, ASHEN 12372-6"	6" X 36" PLANK, ASHLAR INSTALLATION
F5	STATIC DISSIPATIVE	ROPPE	F408	MARRON	24" X 24", MONOLITHIC INSTALLATION
BASE					
B1	RUBBER BASE	ROPPE	PINNACLE RUBBER BASE	DOLPHIN 129	4" STANDARD COVE TOE
B2	NOT USED				
B3	ALUMINUM COVE BASE FOR TILE	SCHLUTER SYSTEMS	DILEX-AHK	SATIN ANODIZED ALUMINUM	3/8" RADIUS
PAINT					
P1	GENERAL PAINT	SHERWIN WILLIAMS		SW 7009, PEARLY WHITE	EGGSHELL FINISH
P2	ACCENT PAINT - GRAY	SHERWIN WILLIAMS		SW 7018, DOVETAIL	EGGSHELL FINISH
P3	ACCENT PAINT - BLUE	SHERWIN WILLIAMS		SW 2740, MINERAL GRAY	EGGSHELL FINISH
P4	ACCENT PAINT - YELLOW	SHERWIN WILLIAMS		SW 6684, BRITTLEBUSH	EGGSHELL FINISH
SURFACE					
S1	QUARTZ COUNTERTOP	CAMBRIA	MARBLE COLLECTION	TORQUAY	MATTE FINISH
S2	PLASTIC LAMINATE FOR MILLWORK	WILSONART	HIGH PRESSURE LAMINATE	WALNUT HEIGHTS, 7965K-12	SOFT GRAIN FINISH
S3	ACOUSTIC PANELS	AUTEX	CUBE 1/2"	OPERA	PHONE ROOM ACOUSTIC TREATMENT, SEE DETAIL A4/A571
WALL					
W1	WALL COVERING	MAHARAM	NOOK 399913	ROCK 004	
W2	WALL TILE - DRINKING FOUNTAINS	DALTILE	VOLUME 1.0 GLAZED PORCELAIN	DEGREES SILVER VL71	12" x 12", MONOLITHIC INSTALLATION, GROUT: MAPEI PEWTER 02
W3	TILE BACKSPLASH; ELEVATOR LOBBY	DALTILE	LIMESTONE MOSAIC, POLISHED MODERN	CHENILLE WHITE L191	IRREGULAR MOSAIC, GROUT: MAPEI, PEWTER 02
W4	WALL TILE - RESTROOMS	DALTILE	POLARIS, PL02	GLOSS WHITE	9" X 12", MONOLITHIC INSTALLATION, GROUT: MAPEI, WHITE 00
W5	ACCENT TILE - RESTROOMS	DALTILE	STONE RADIANCE	GLACIER GRY MAR SA59; SATIN FINISH	5/8" X 5/8", GROUT: MAPEI, SILVER 27
WOOD					
WD1	PLAIN SLICED WALNUT	GRAHAM WOOD DOORS	PLAIN SLICED BLACK WALNUT	FALLOW #125	CLEAR FINISH
OTHER					
PT1	RESTROOM PARTITIONS	SCRANTON PRODUCTS	SANDCASTLE		

ROOM FINISH - SCHEDULE

Room Name	Room Number	Floor Finish	Base Finish	Wall Finishes			
				Wall Finish Top	Wall Finish Right	Wall Finish Bottom	Wall Finish Left
ELEVATOR LOBBY	301	F3	W3, B1	P1	W3	P1	W3
ENTRY LOBBY	302	F1, F2	B1	P1	P1, P3	P1, P3	P1, P3
OPEN WORK SPACE	303	F1	B1	P1, W1	P1, P3, W1	P1, P3, W1	P1, P3, W1
OPEN WORK SPACE	304	F1	B1	P1	P1, P3, W1	P1, P3, W1	P1, P3, W1
OPEN WORK SPACE	305	F1	B1	P1, W1	P1, P3, W1	P1, W1	P1, P3, W1
OPEN WORK SPACE	306	F1	B1	P1, W1	P1, W1	P1, W1	P1, W1
HALL	307	F1	B1	P1	P1	P1	P1,W2
NORTH ELEVATOR LOBBY	309	F1	B1	P1, W1	P1	P1	P1, W1
STAIR 1	311	--	--	--	--	--	--
MECHANICAL	312	--	--	--	--	--	--
JANITOR	313	--	--	--	--	--	--
ELECTRICAL	314	--	--	--	--	--	--
WOMENS RESTROOM	315	F3	B3	W4, W5	W4, W5	W4, W5	W4, W5, P1
MENS RESTROOM	316	F3	B3	W4, W5	W4, W5	W4, W5	W4, W5, P1
TELECOM	317	--	--	--	--	--	--
STAIR 2	318	--	--	--	--	--	--
LARGE COLLAB.	321	F2	B1	P1	P1	P1	P3
MEDIUM COLLAB.	322	F2	B1	P1	P1	P1	P4
MEDIUM COLLAB.	323	F2	B1	P1	P4	P1	P1
SMALL COLLAB.	324	F1	B1	P1	P1	P4	P1
SMALL COLLAB.	325	F1	B1	P1	P1	P1	P4
SMALL COLLAB.	326	F1	B1	P1	P1	P1	P4
COPY/WORK	327	F1	B1	P1	P1	P1	P2
SMALL COLLAB.	328	F1	B1	P1	P1	P1	P4
SMALL COLLAB.	329	F1	B1	P4	P1	P1	P1
MEDIUM COLLAB.	330	F2	B1	P4	P1	P1	P1
STORAGE	331	F1	B1	P1	P1	P1	P1
SMALL COLLAB.	332	F1	B1	P1	P4	P1	P1
I.T. ROOM	333	F5	B1	P1	P1	P1	P1
STORAGE	334	F1	B1	P1	P1	P1	P1
COPY/WORK AREA	335	F1	B1	P1	P1	P1	P2
SMALL COLLAB.	336	F1	B1	P1	P4	P1	P1
STORAGE	338	F1	B1	P1	P1	P1	P1
LARGE COLLAB.	339	F2	B1	P1	P1	P3	P1
STORAGE	340	F1	B1	P1	P1	P1	P1
BUILDING MGR	341	F1	B1	P2	P1	P1	P1
BREAK ROOM	351	F4	B1	P1	P1	P1	P2
PHONE	352	F1	B1	P1	P2	P1	P1
PHONE	353	F1	B1	P1	P1	P1	P2
PHONE	354	F1	P1	P1	P1	P1	P2
PHONE	355	F1	B1	P1	P2	P1	P1
PHONE	356	F1	B1	P1	P2	P1	P1
PHONE	357	F1	B1	P1	P1	P1	P2
PHONE	358	F1	B1	P1	P1	P1	P2

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 (F3) LOCATIONS TO BE LOCATED AT INSIDE CORNER OF DOOR.
3. ALL GROUT JOINTS TO BE NO LARGER THAN 1/8".
4. FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.
5. COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.
6. SEE ELEVATION SHEETS FOR ALL WALL TILE PATTERNS.
7. AT SOFFITS RECEIVING COLOR- PAINT ALL SIDES OF SOFFIT.
8. ALL WOOD TRIM TO BE STAINED TO MATCH DOOR STAIN.
9. ALL COUNTERTOP, BACKSPLASHES, AND EDGE BANDING TO HAVE COORDINATING FINISHES.
10. 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.
11. ALL WALLS RECEIVING TILE WAINSCOT TO RECEIVE PAINT P1 ABOVE, U.N.O. SEE FINISH PLANS FOR ACCENT WALL LOCATIONS.
12. SEE SHEET A571 FOR FLOORING TRANSITION DETAILS.
13. SEE DOOR AND WINDOW SHEET A600 FOR H.M. DOOR AND FRAME PAINT COLORS.
14. AT ALL TILE WALLS USE SCHLUTER JOLLEY AT ALL OUTSIDE WALL EDGES AND OUTSIDE CORNERS. SCRIBE BOTTOM TILE TO MATCH FINISH FLOOR SURFACE AND CAULK WITH BASE 'NB'.

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REV	DATE	DESCRIPTION

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

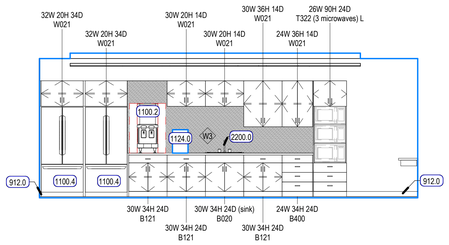
INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

FINISH LEGEND + SCHEDULE

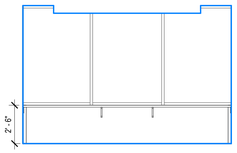
A400

XXXXXX.X.XX.rvt



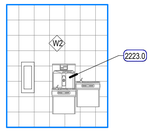
E4 BREAKROOM - 351 - RIGHT

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



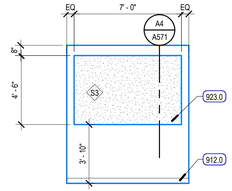
E5 BREAKROOM - 351 - BOTTOM

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



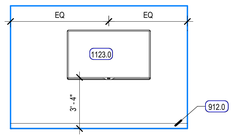
D4 DRINKING FOUNTAIN - TYP

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



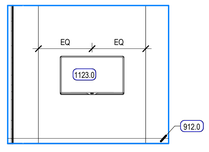
D5 PHONE ROOM ACCOUSTICAL WALL - TYP

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



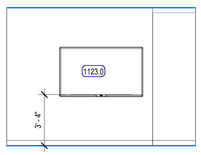
C4 SMALL COLLAB. - 336 - LEFT

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



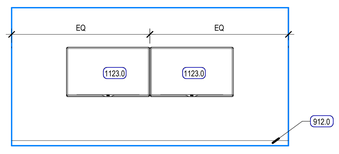
C5 SMALL COLLAB. - 332 - TOP

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



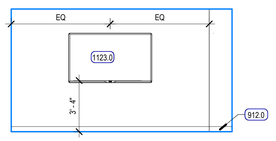
B3 SMALL COLLAB. - 329 - TOP

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



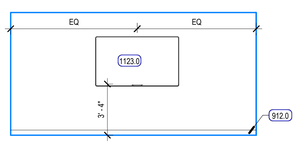
B4 LARGE COLLAB - 321 - BOTTOM

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



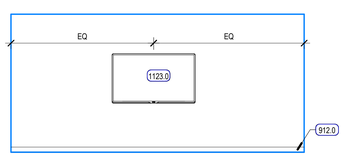
B5 LARGE COLLAB. - 337 - TOP

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



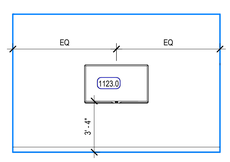
A3 LARGE COLLAB.- 339 - TELEVISION WALL

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



A4 MEDIUM COLLAB -TELEVISION WALL

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



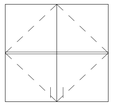
A5 SMALL COLLAB - TELEVISION WALL

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

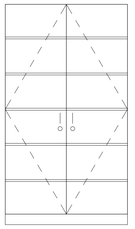
ARCHITECTURAL MILLWORK KEY

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. ALL COUNTERTOPS TO HAVE A 4" BACKSPLASH, UNLESS NOTED OTHERWISE, TO MATCH COUNTERTOP, ON BACK AND SIDE WALLS.
6. PROVIDE FILLER PANELS TO SEAL SIDES AND TOPS OF ALL CABINETS PLACED AT AN ANGLE TO ADJACENT WALL(S).
7. ALL MILLWORK TO FINISHED ON ENDS, TYP.
8. 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 ACCEPTABLE BEHIND MILLWORK AND TOILET ROOM PARTITIONS.
9. REFER TO SHEET A400 FOR FINISH COLORS ON ALL MILLWORK AND CASEWORK.

TYPICAL MILLWORK DETAILS

1. TYPICAL MILLWORK ANCHORING DETAILS, PER DETAIL E5/A570
2. TYPICAL COUNTERTOP EDGE, PER DETAIL E3/A570
3. TYPICAL RESTROOM COUNTERTOP, PER DETAIL B4/A570
4. TYPICAL BASE CABINET WITH DOOR(S), PER DETAIL A5/A570
5. TYPICAL BASE CABINET WITH DRAWER(S), PER DETAIL A3/A570
6. TYPICAL BASE CABINET WITH DOOR(S) AND DRAWER, PER DTL A4/A570
7. TYPICAL CABINET CORNER DETAIL, PER DETAIL E4/A570
8. TYPICAL UPPER CABINET WITH DOORS, PER DETAIL C2/A570
9. TYPICAL SINK BASE CABINET, PER DETAIL B3/A570
10. TYPICAL TALL CABINET WITH DOOR(S), PER DETAIL A1/A570
11. TYPICAL TALL MICROWAVE CABINET, PER DETAIL B5/A570
12. TYPICAL WALL MOUNT COUNTERTOP, PER DETAIL D5/A570
13. TYPICAL COUNTERTOP WITH UNDER COUNTER REFRIGERATOR, PER DETAIL A6/A570
14. TYPICAL FULL HEIGHT ADJUSTABLE SHELF, PER DETAIL D1/A570

KEYED NOTES

912.0	SCHEDULED BASE
923.0	ACCOUSTIC PANEL - INSTALL PER MANUFACTURERS RECOMMENDATION
1100.2	ICE MACHINE, NIC
1100.4	REFRIGERATOR, NIC
1123.0	TV/MONITOR - OWNER PROVIDED & CONTRACTOR INSTALLED - CONTRACTOR TO PROVIDE PLYWOOD BACKING
1124.0	COFFEE MAKER, NIC - OWNER PROVIDED CONTRACTOR TO PROVIDE WATER SUPPLY
2200.0	SINK + FAUCET
2223.0	BOTTLE FILLER ADDED TO EXISTING FIXTURE

VCBO ARCHITECTURE
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
VCBO.COM

REV	DATE	DESCRIPTION

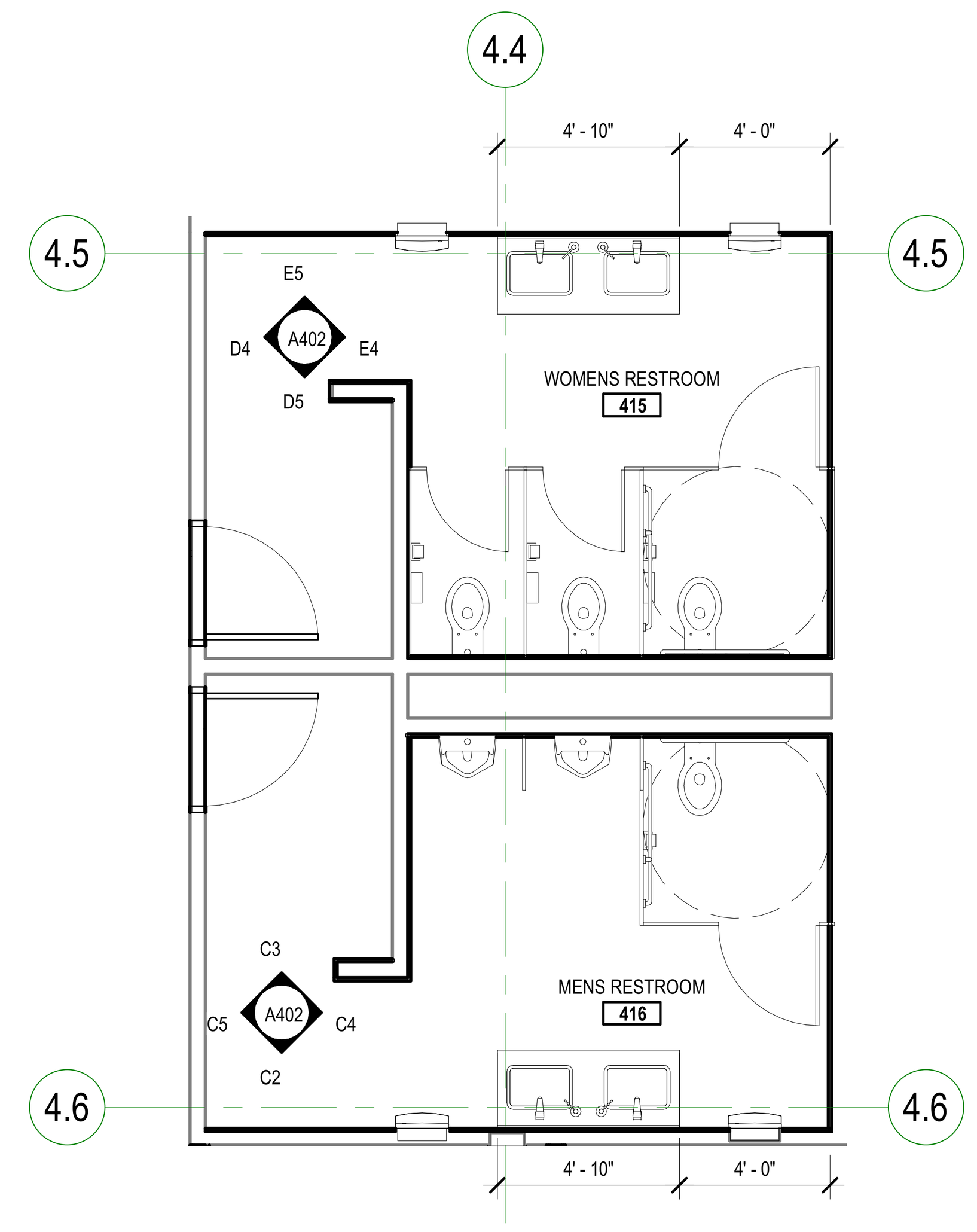
VCBO NUMBER:	19800
CLIENT NUMBER:	00000
DATE:	MARCH 27, 2020

INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

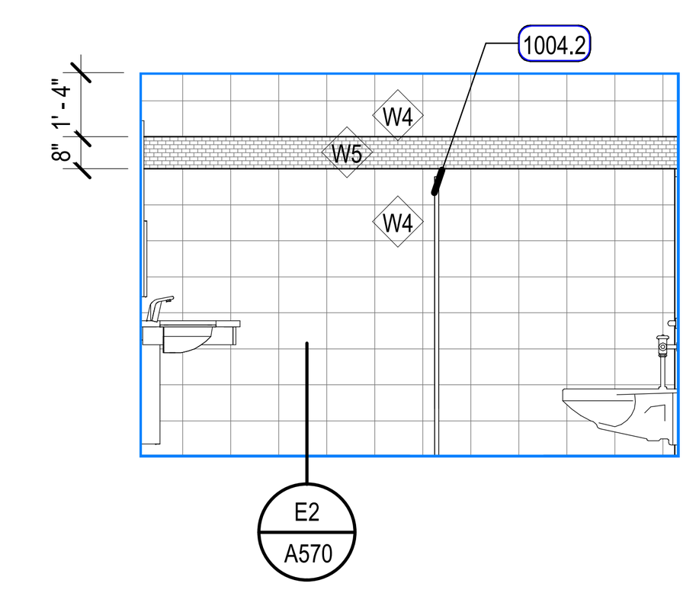
INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123
CONSTRUCTION DOCUMENTS (PROGRESS SET)

ENLARGED PLANS + ELEVATIONS

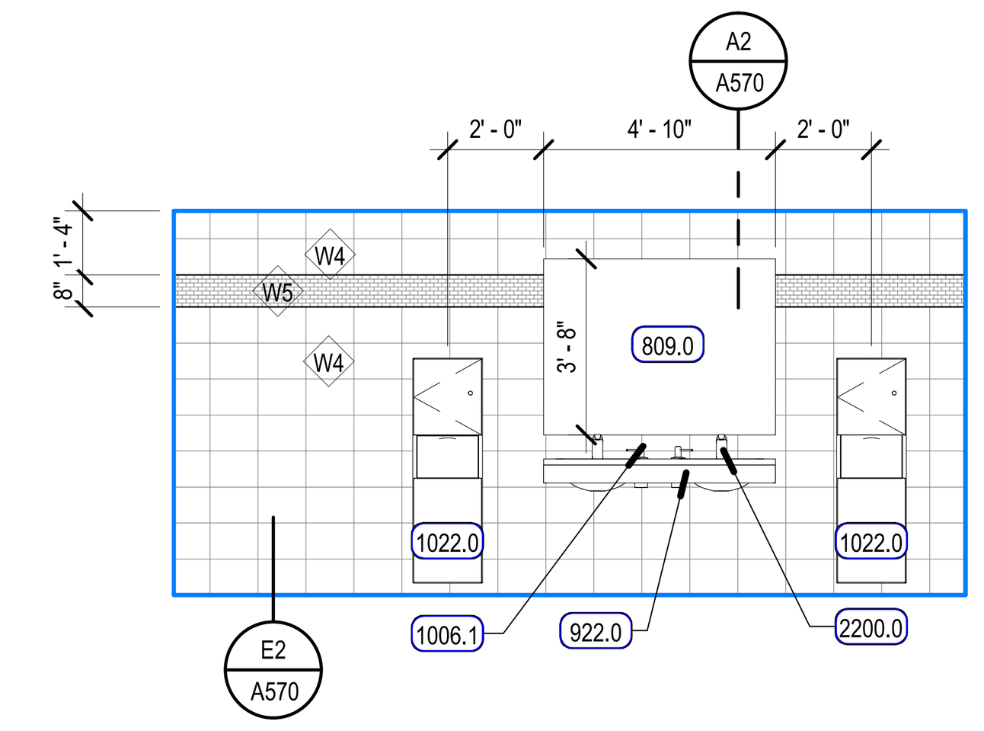
A401



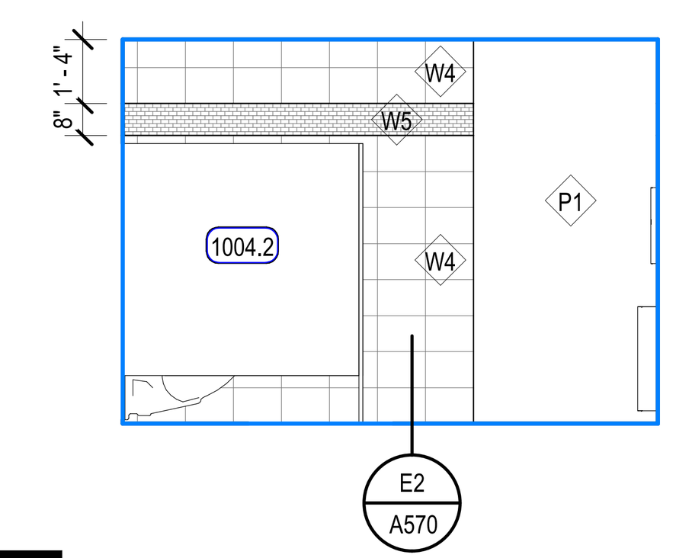
D3 ENLARGED PLAN - RESTROOMS
SCALE: 1/4" = 1'-0"



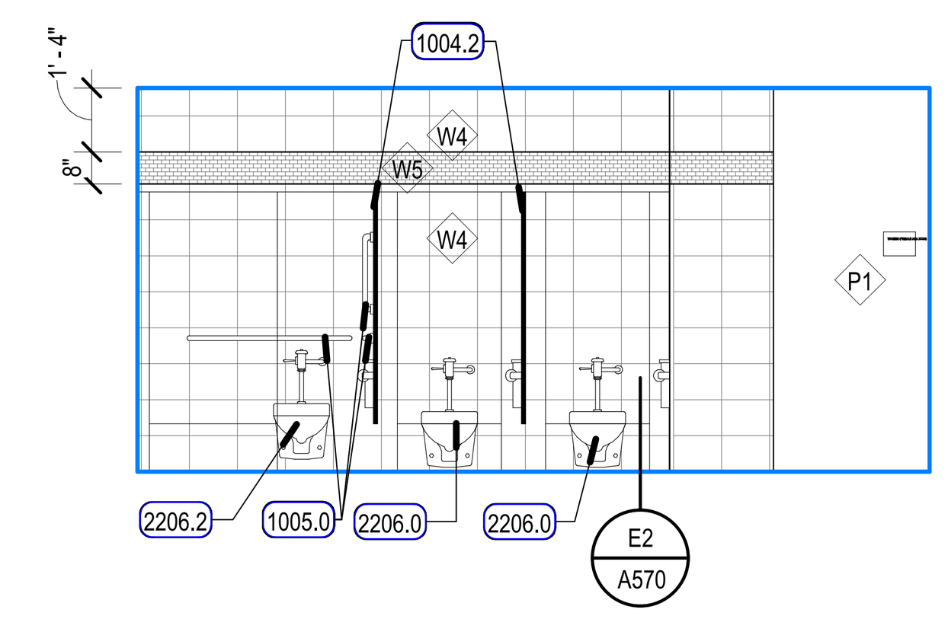
E4 WOMENS RESTROOM - RIGHT
SCALE: 1/4" = 1'-0"



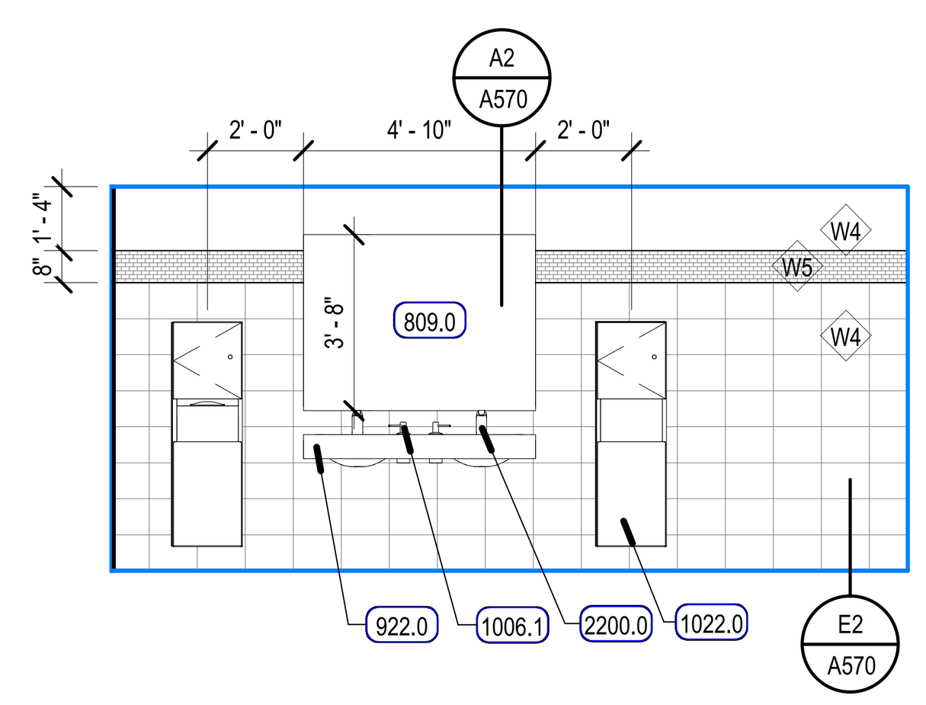
E5 WOMENS RESTROOM - TOP
SCALE: 1/4" = 1'-0"



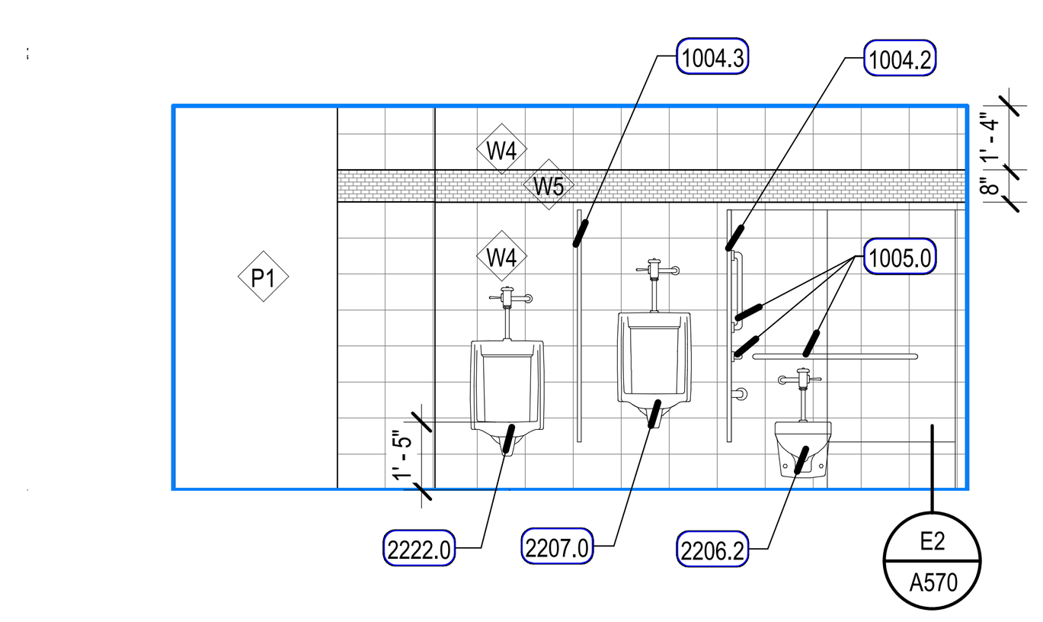
D4 WOMENS RESTROOM - LEFT
SCALE: 1/4" = 1'-0"



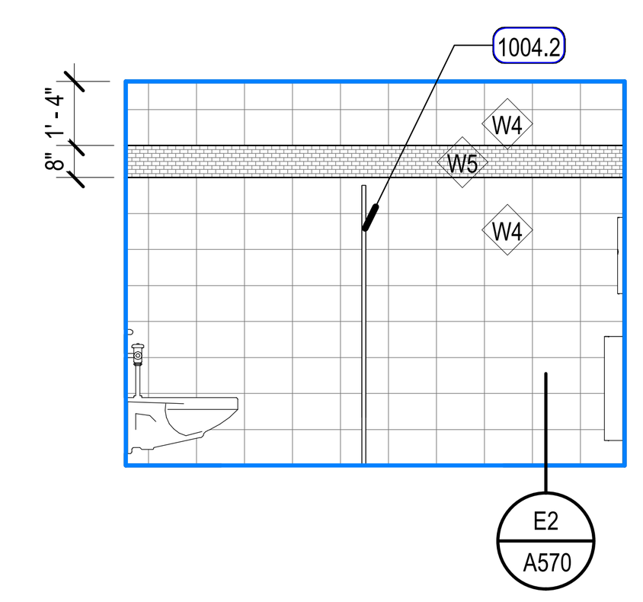
D5 WOMENS RESTROOM - BOTTOM
SCALE: 1/4" = 1'-0"



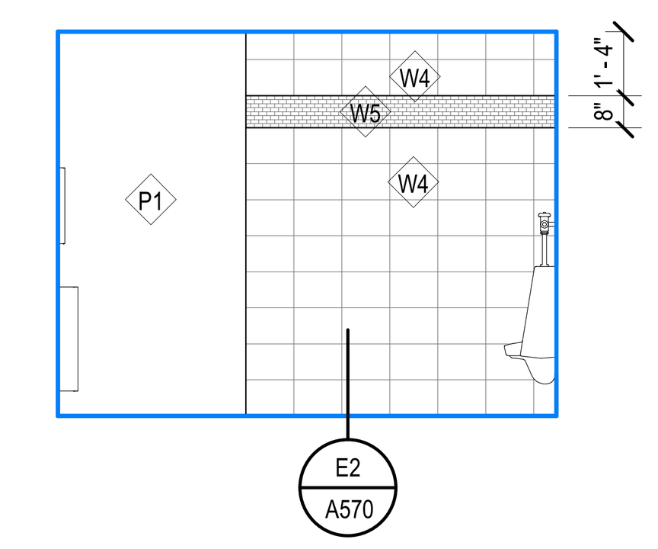
C2 MENS RESTROOM - BOTTOM
SCALE: 1/4" = 1'-0"



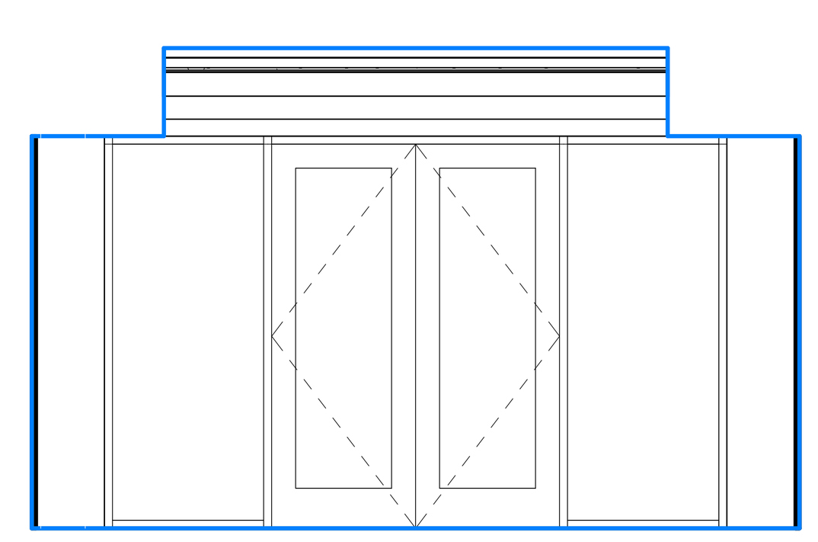
C3 MENS RESTROOM - TOP
SCALE: 1/4" = 1'-0"



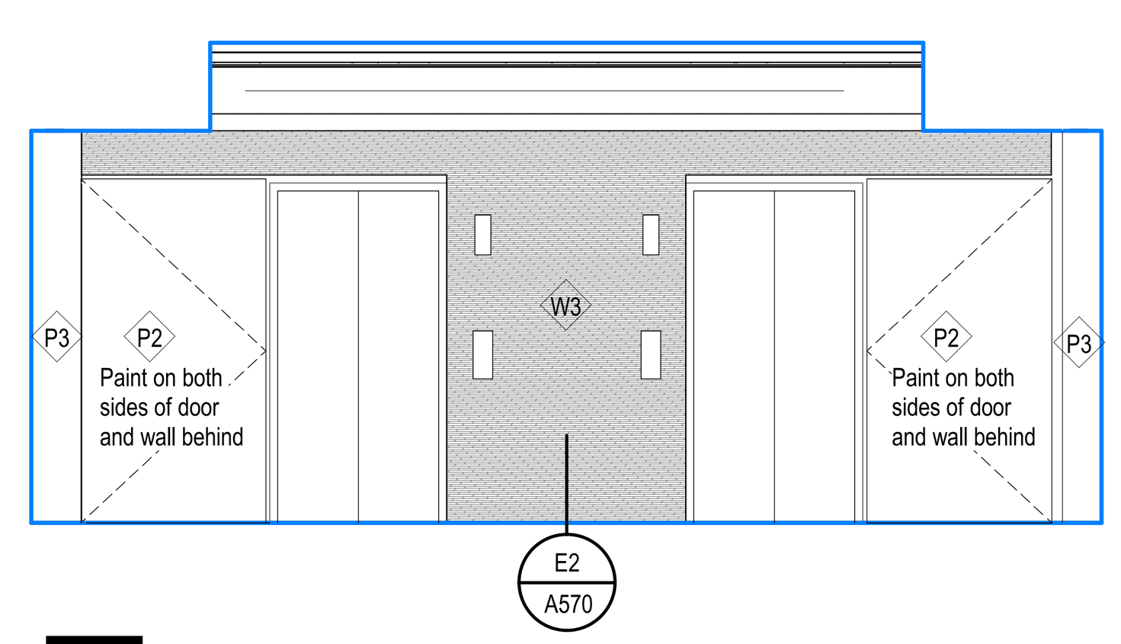
C4 MENS RESTROOM - RIGHT
SCALE: 1/4" = 1'-0"



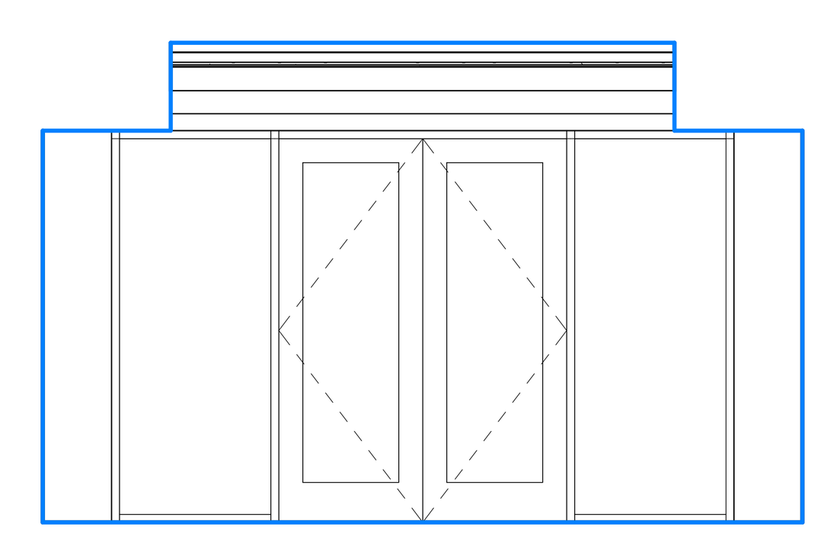
C5 MENS RESTROOM - LEFT
SCALE: 1/4" = 1'-0"



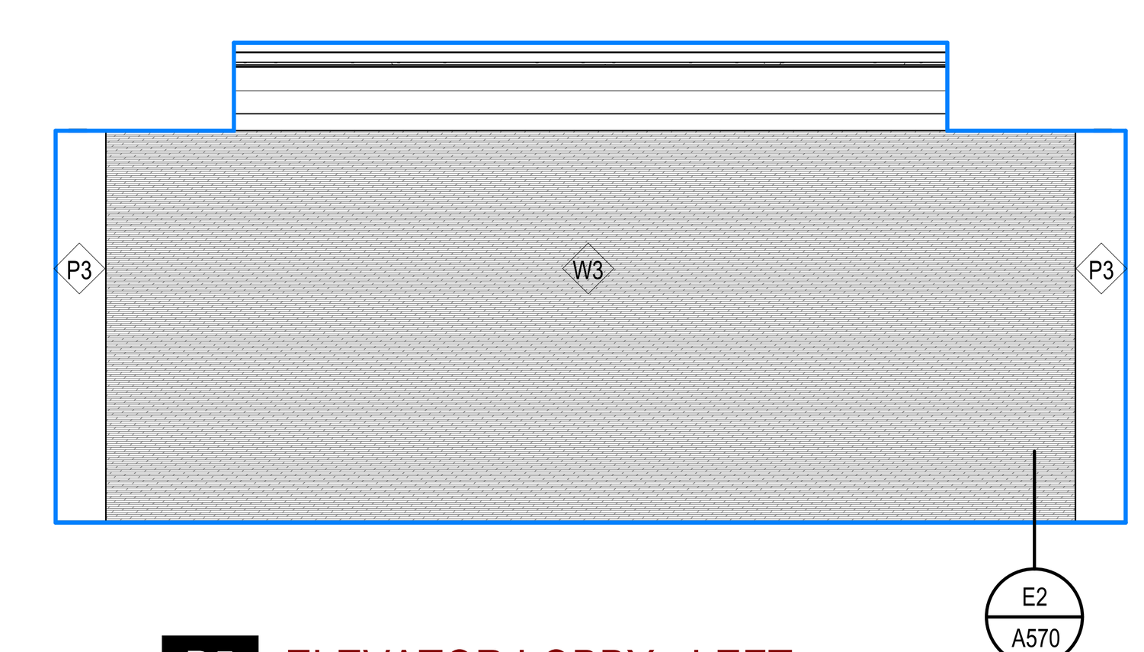
B2 ELEVATOR LOBBY - TOP
SCALE: 1/4" = 1'-0"



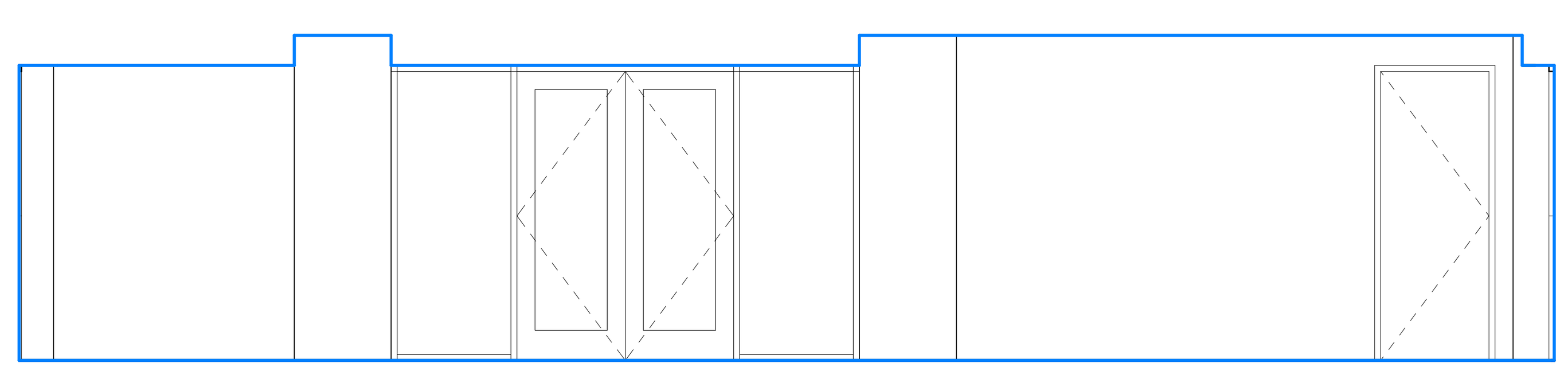
B3 ELEVATOR LOBBY - RIGHT
SCALE: 1/4" = 1'-0"



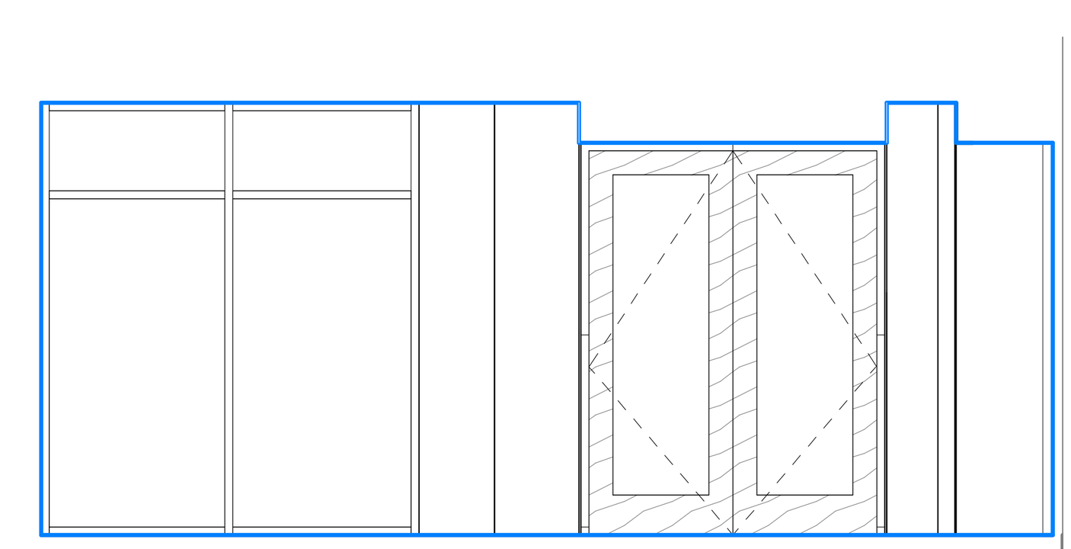
B4 ELEVATOR LOBBY - BOTTOM
SCALE: 1/4" = 1'-0"



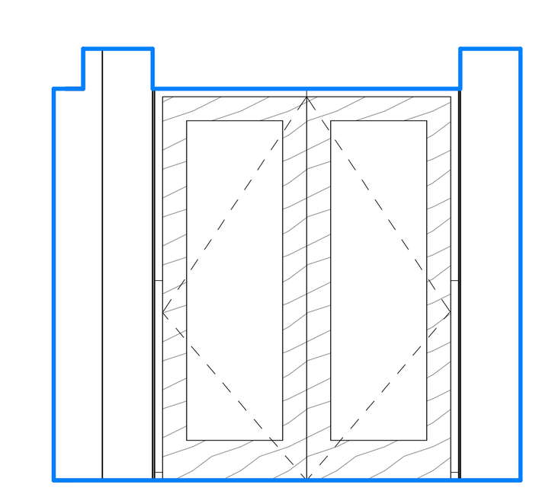
B5 ELEVATOR LOBBY - LEFT
SCALE: 1/4" = 1'-0"



A2 ENTRY LOBBY - 302 - BOTTOM
SCALE: 1/4" = 1'-0"



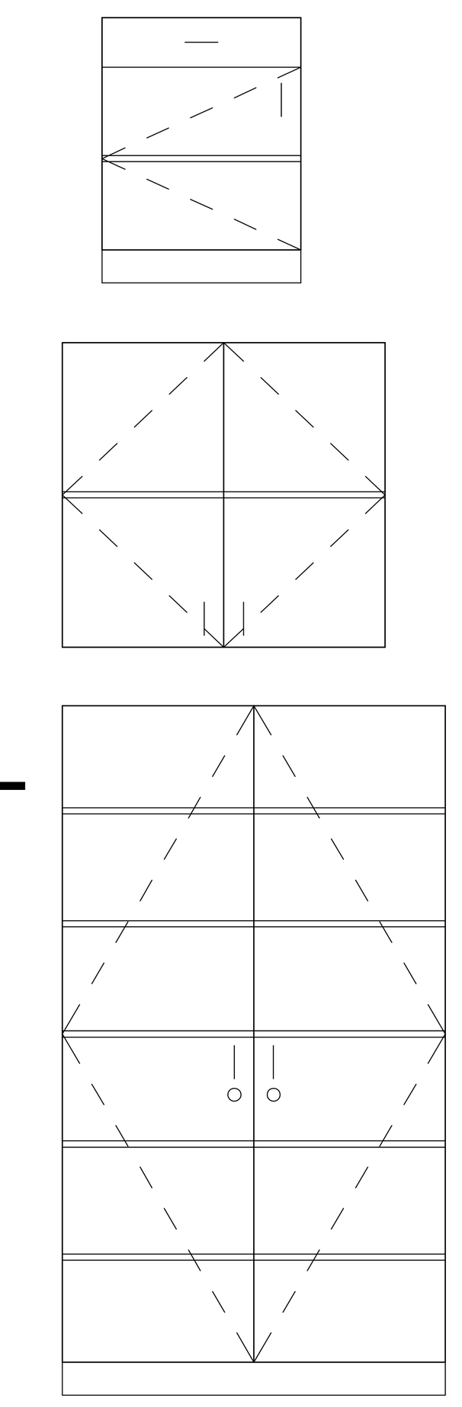
A4 ENTRY LOBBY - 302 - RIGHT
SCALE: 1/4" = 1'-0"



A5 ENTRY LOBBY - 302 - LEFT
SCALE: 1/4" = 1'-0"

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)

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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. ALL COUNTERTOPS TO HAVE A 4" BACKSPLASH, UNLESS NOTED OTHERWISE, TO MATCH COUNTERTOP, ON BACK AND SIDE WALLS.
6. PROVIDE FILLER PANELS TO SEAL SIDES AND TOPS OF ALL CABINETS PLACED AT AN ANGLE TO ADJACENT WALL(S).
7. ALL MILLWORK TO FINISHED ON ENDS, TYP.
8. 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 ACCEPTABLE BEHIND MILLWORK AND TOILET ROOM PARTITIONS.
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3. TYPICAL RESTROOM COUNTERTOP, PER DETAIL B4/A570
4. TYPICAL BASE CABINET WITH DOOR(S), PER DETAIL A5/A570
5. TYPICAL BASE CABINET WITH DRAWER(S), PER DETAIL A3/A570
6. TYPICAL BASE CABINET WITH DOOR(S) AND DRAWER, PER DTL A4/A570
7. TYPICAL CABINET CORNER DETAIL, PER DETAIL E4/A570
8. TYPICAL UPPER CABINET WITH DOORS, PER DETAIL C2/A570
9. TYPICAL SINK BASE CABINET, PER DETAIL B3/A570
10. TYPICAL TALL CABINET WITH DOOR(S), PER DETAIL A1/A570
11. TYPICAL TALL MICROWAVE CABINET, PER DETAIL B5/A570
12. TYPICAL WALL MOUNT COUNTERTOP, PER DETAIL D5/A570
13. TYPICAL COUNTERTOP WITH UNDER COUNTER REFRIGERATOR, PER DETAIL A6/A570
14. TYPICAL FULL HEIGHT ADJUSTABLE SHELF, PER DETAIL D1/A570

KEYED NOTES

809.0	WALL MIRROR, FRAMELESS
922.0	QUARTZ COUNTERTOP
1004.2	TOILET PARTITION
1004.3	URINAL SCREEN PARTITION
1005.0	GRAB BAR
1006.1	DISPENSER, SOAP, NIC
1022.0	RECESSED COMBO PAPER TOWEL DISPENSER AND WASTE
2200.0	SINK + FAUCET
2206.0	TOILET, WALL MOUNT
2206.2	TOILET, ADA COMFORT HEIGHT
2207.0	URINAL
2222.0	URINAL, ADA

VCBO ARCHITECTURE
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
VCBO.COM

REV	DATE	DESCRIPTION

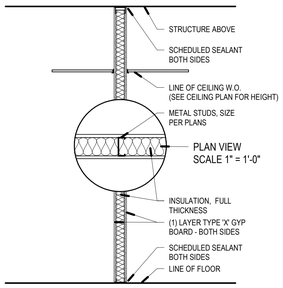
VCBO NUMBER: 19800
CLIENT NUMBER: 00000
DATE: MARCH 27, 2020

INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123
CONSTRUCTION DOCUMENTS (PROGRESS SET)

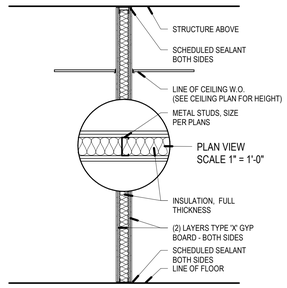
ENLARGED PLANS + ELEVATIONS

3/27/2020 5:36:18 PM



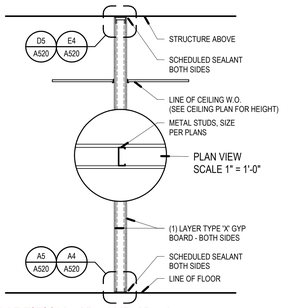
E3 9Ax AND 9Ax-1 - METAL STUD - BATT INSUL

SCALE: NOT TO SCALE



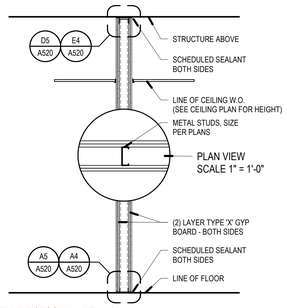
E4 PARTITION - 9Ax-2

SCALE: NOT TO SCALE



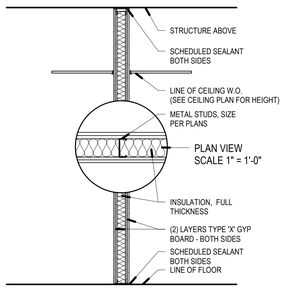
D3 PARTITION - 9Bx AND 9Bx-1

SCALE: NOT TO SCALE



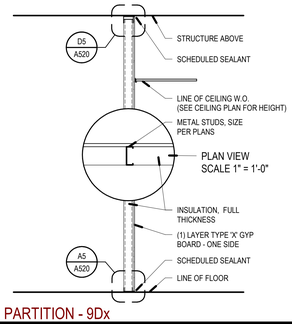
D4 PARTITION - 9Bx-2

SCALE: NOT TO SCALE



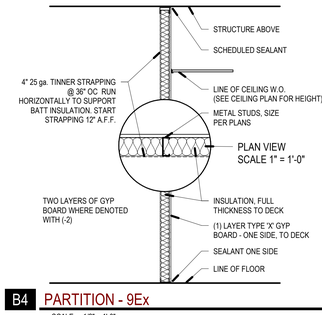
C3 PARTITION - 9Cx

SCALE: NOT TO SCALE



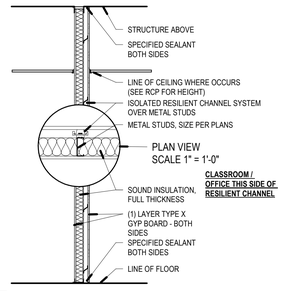
B3 PARTITION - 9Dx

SCALE: NOT TO SCALE



B4 PARTITION - 9Ex

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



A3 PARTITION - 9Fx

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

KEY FOR PARTITION TYPES

DENOTES TYPE OF CONSTRUCTION (SPEC. DIVISION) — WALL

- 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

- INCIDENTAL USE AREAS
- 1 HOUR SEPARATION
- 2 HOUR SEPARATION
- 3 HOUR SEPARATION

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

NON-BEARING METAL HEADER SCHEDULE

MAXIMUM SPAN	HEADER	FY
4'-0"	(2) 400S137-43	33 ksi
6'-0"	(2) 600S162-43	33 ksi
8'-0"	(2) 800S162-43	33 ksi

METAL STUD HEADER NOTES:

1. SCHEDULE TO BE USED FOR NON-BEARING WALLS.
2. HEADERS TO BE CONSTRUCTED AS BOX HEADERS PER SSMA STANDARDS.
3. SEE TYPICAL DETAIL FOR MORE INFORMATION.

NON-BEARING METAL STUD GAUGE SIZING

MEMBER DEPTH IN 1/100 INCHES — FLANGE WIDTH IN 1/100 INCHES

400S137-43

STYLE (S=STUD OR JOIST) — MATERIAL THICKNESS IN MILS

MEMBER DEPTH	MAX STUD HEIGHT	MIN. GA. & SPACING
2 1/2" (250S125-33)	10'-0"	20@16" O.C.
3 5/8" (362S125-33)	14'-0"	20@16" O.C.
3 5/8" (362S162-33)	16'-0"	20@16" O.C.
3 5/8" (362S162-43)	18'-0"	18@16" O.C.
6" (600S162-33)	24'-0"	20@16" O.C.
6" (600S162-43)	26'-0"	18@16" O.C.
6" (600S162-54-50KSI)	28'-0"	16@16" O.C.

METAL STUD NOTES:

1. STEEL STUDS SHALL MEET ICC REPORT ER-4943P AND THE SSMA STANDARDS. HEIGHT BASED ON SSMA 2001 CATALOG AND PROJECT REQUIREMENTS.
2. SEE SCHEDULE FOR STUD SPACING AND GAUGE. ALL STUDS AND BRACES SHALL BE 33 KSI UNLESS NOTED OTHERWISE IN THESE DRAWINGS.
3. AT ALL DOORS PROVIDE TWO TABBED 18 GAUGE STUDS AT BOTH SIDES OF JAMB.

KEY FOR PARTITION TYPES

DENOTES TYPE OF CONSTRUCTION (SPEC. DIVISION) — WALL

- 3X 0 SERIES CONCRETE
- 4X 0 SERIES MASONRY
- 6X 0 SERIES WOOD STUDS
- 9X 0 SERIES METAL STUDS

NOMINAL SIZES: V = VARIABLE/MATCHEXISTING
2 = 2x2 WOOD STUDS
4 = 2x4 WOOD STUDS / 4" C.M.U.
6 = 2x6 WOOD STUDS / 6" C.M.U.
8 = 2x8 WOOD STUDS / 8" C.M.U.
10 = 2x10 WOOD STUDS / 10" C.M.U. OR CONC.
12 = 2x12 WOOD STUDS / 12" C.M.U. OR CONC.

EXAMPLE: WALL TYPE 6A4 IS A 2x4 WOOD 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

- INCIDENTAL USE AREAS
- 1 HOUR SEPARATION
- 2 HOUR SEPARATION
- 3 HOUR SEPARATION

EXAMPLE: WALL TYPE 6A4-1 IS A ONE HOUR RATED, 2x4 WOOD STUD WALL WITH 5/8" GYPSUM BOARD ON BOTH SIDES, PER ASSEMBLY REQUIREMENTS.

6X0-R SERIES — FIRE RATING (ONLY WHEN NOTED): 1 = 1 HOUR RATED ASSEMBLY; 2 = 2 HOUR RATED ASSEMBLY; 3 = 3 HOUR RATED ASSEMBLY

PARTITION + FRAMING GENERAL NOTES

FRAMED WALL PARTITIONS

1. PARTITION TYPE INDICATIONS ARE INDEPENDENT OF APPLIED FINISHES. SEE FINISH SHEETS AND INTERIOR ELEVATIONS FOR WALL FINISHES INCLUDING TILE COURSING AND LAYOUT AND/OR THE DESIGNATIONS ON THE PLANS FOR ADDITIONAL INFORMATION REGARDING APPLIED FINISHES.
2. WHERE PARTITION TYPE DESIGNATION ON FLOOR PLANS IS INTERRUPTED BY DOOR OPENING, GLAZED PARTITION, ETC., CONSTRUCTION ABOVE INTERRUPTION (AND WHERE APPLICABLE BELOW) IS TO BE THE SAME AS THAT DESIGNATED FOR THE PARTITION IN WHICH THE INTERRUPTION OCCURRED.
3. THE MINIMUM REQUIREMENTS FOR CONSTRUCTION OF EACH PARTITION TYPE AS EXPRESSED BY THE INDICATED REFERENCE ARE INCORPORATED BY REFERENCE AND ARE APPLICABLE TO THE WORK OF THIS PROJECT. HOWEVER, ADDITIONAL AND/OR MORE RESTRICTIVE REQUIREMENTS MAY BE INDICATED BY THE SPECIFICATIONS AND DRAWINGS. SUCH REQUIREMENTS ALSO APPLY AND SHALL GOVERN. SUCH REQUIREMENTS INCLUDE BUT ARE NOT LIMITED TO:
   a. USE 5/8" THICK GYPSUM BOARD THROUGHOUT UNLESS NOTED OTHERWISE.
   b. USE 16" OC MAX STUD SPACING UNLESS NOTED OTHERWISE IN THESE DOCUMENTS. THE SPACING STATED BY THE REFERENCED APPROVAL OR EST REPORT IS THE MAX SPACING IF ALLOWED IN THESE DOCUMENTS.
   c. USE STUDS OF GAUGE INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS. THE GAUGE STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MINIMUM GAUGE TESTED, 20 GA (30 MILS) IS THE MINIMUM ALLOWED IN THESE DOCUMENTS.
4. USE STUDS OF DEPTH INDICATED BY THIS SET OF DOCUMENTS. THE DEPTH STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MINIMUM DEPTH TESTED DEPTH ALLOWED IN THESE DOCUMENTS. SEE STRUCTURAL DOCUMENTS FOR ADDITIONAL INFORMATION PERTAINING TO THE CONSTRUCTION OF CONCRETE, MASONRY AND STUD WALLS
5. PROVIDE FIRE RATED CONSTRUCTION ASSEMBLIES WHERE INDICATED ON SHEETS G100's AND FLOOR PLAN DRAWINGS.
6. ALL DIMENSIONS ARE CENTER OF STUD OR FACE OF CONCRETE, MASONRY OR ROUGH OPENING UNLESS NOTED OTHERWISE. FACE OF FINISHED WALL WILL BE NOTED AS F.O.W.
7. AT ALL INTERIOR WALLS, STUDS, INSULATION AND GYPSUM BOARD ARE TO EXTEND TO THE DECK ABOVE. UNLESS NOTED OTHERWISE.
8. WALL TYPES NOT NOTED ARE ASSUMED TO MATCH ADJACENT ROOMS. SEE SHEETS FOR FINISHES, NOTIFY ARCHITECT OF ANY DISCREPANCIES.
9. ALL METAL STUD PARTITIONS ARE CONSIDERED ACOUSTIC PARTITIONS AND ARE TO RECEIVE A TYPE 1 SOUND ATTENUATION BLANKET. THICKNESS TO MATCH STUD DEPTH, UNLESS NOTED OTHERWISE.
10. REFER TO SHEET AXXX FOR TYPICAL INTERIOR WALL CONDITIONS ASSOCIATED WITH ALL METAL STUD PARTITIONS.
11. PROVIDE CONTROL JOINTS IN METAL FRAMED WALLS AT APPROXIMATELY 30 FEET ON CENTER. LOCATE AT CORNER ABOVE DOORS OR INSIDE CORNER OF PILASTERS OR OTHER INCONSPICUOUS LOCATION WHERE POSSIBLE. **CONSULT WITH ARCHITECT PRIOR TO COMMENCING FRAMING.** INSTALL PER DETAILS XX, XX AND XX/ AXXX FOR CONTROL JOINTS.
12. AT WALL OPENINGS FOR PENETRATION OF PIPES, DUCTS, DEVICES, ETC., GYPSUM BOARD IS TO BE CUT TO MATCH THE SHAPE AND DIMENSION OF THE PENETRATING OBJECT AND THE GAP BETWEEN THE OBJECT AND THE WALL IS TO BE SEALED W/ ACOUSTICAL OR FIRE SEALANT ON ALL SIDES WITH A 3/4" JOINT AT ALL SIDES, MAXIMUM. THE OPENING FOR DUCTS OR LARGE PENETRATIONS SHALL BE FRAMED WITH A HEADER, ADD AN ANGLED CORNER BRACE IF THE GAP EXCEEDS 3" FROM FRAMING TO THE OPENING.
13. PROVIDE BLOCKING / BACKING FOR ALL WALL MOUNTED EQUIPMENT. SEE FLOOR PLANS AND INTERIOR ELEVATIONS FOR CABINETS, GRAB BARS ETC. INSTALL BLOCKING AS DETAILED OR AS REQUIRED TO MOUNT SUCH DEVICES. ALL BLOCKING IS TO BE FIRE RETARDANT TREATED. INSTALL PER SHEET A570.
14. **WHERE THERE IS LIMITED WATER EXPOSURE:** INSTALL ONE LAYER OF 5/8" TYPE X WATER RESISTANT GYPSUM BOARD PER ASTM C1396 (WHERE GYPSUM BOARD OCCURS) OF BASIC PARTITION AT THE FOLLOWING LOCATIONS:
   a. WITHIN 2 FEET HORIZONTALLY AND 4 FEET VERTICALLY OF JANITORS SINKS
   b. AT OTHER LOCATIONS, I.E. TOILET ROOMS AND KITCHENS, AND AS INDICATED ON THE ARCHITECTURAL FINISH PLANS AND ELEVATIONS.
15. INSTALL ONE LAYER OF 5/8" GLASS MAT TILE BACKER BOARD IN LIEU OF GYPSUM BOARD (WHERE GYPSUM BOARD OCCURS) OF BASIC PARTITION WHERE THERE IS NO FIRE RATING AND OVER GYPSUM BOARD FACE LAYER AT FIRE RATED PARTITIONS AT THE FOLLOWING LOCATIONS.
16. AT WET LOCATIONS, SUCH AS SHOWER STALLS AND TUB SURROUNDS.
   a. WHERE CERAMIC TILE FINISHES ARE INDICATED PER THE FINISH PLANS AND/OR INTERIOR ELEVATIONS.
   b. AT OTHER LOCATIONS AS INDICATED BY THE ARCHITECTURAL FINISH PLANS AND ELEVATIONS.
17. WHERE NEW WALLS OR FURRING ARE INDICATED TO BE DIMENSIONED OFF OF AN EXISTING WALL, THE NEW WALL SHALL BE STRAIGHT AND PLUMB REGARDLESS OF THE CONDITION OF THE EXISTING WALL.
18. SEE DETAIL XX AND XX ON SHEET AXXX FOR TYPICAL FIRE EXTINGUISHER CABINET INSTALLATION DETAILS

VCBO ARCHITECTURE
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
VCBO.COM

REV	DATE	DESCRIPTION

VCBO NUMBER: 19800
CLIENT NUMBER: 00000
DATE: MARCH 27, 2020

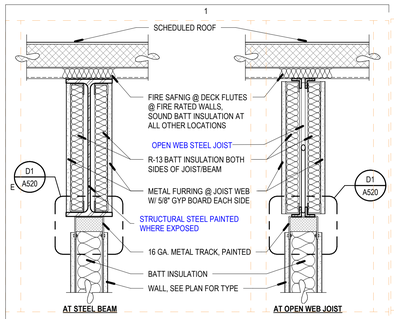
INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

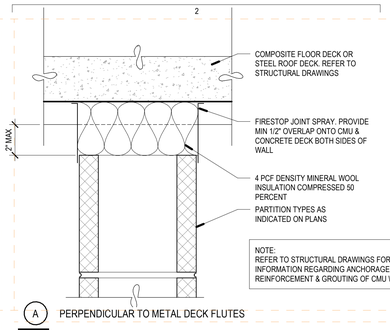
INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

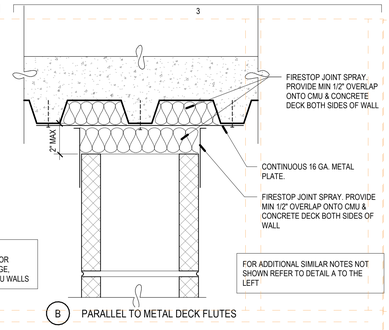
CONSTRUCTION DOCUMENTS (PROGRESS SET)

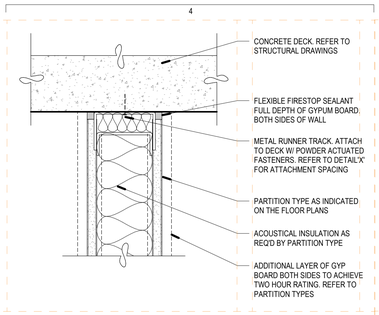
WALL TYPES + GENERAL NOTES

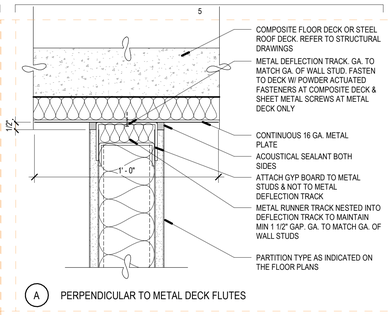
A500

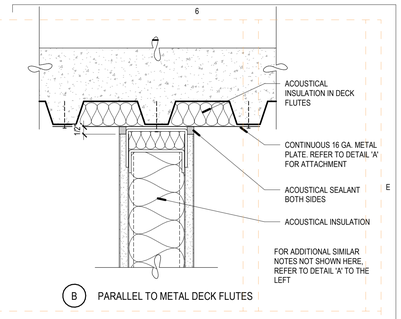






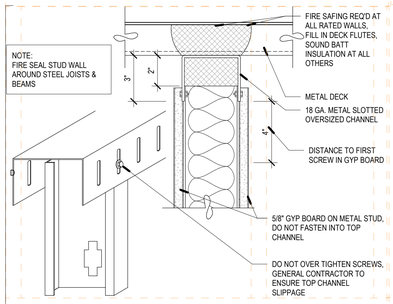






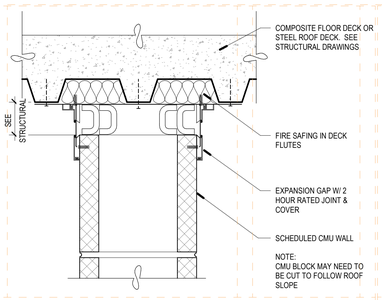
E1 SLIP JOINT - BEAM / JOIST

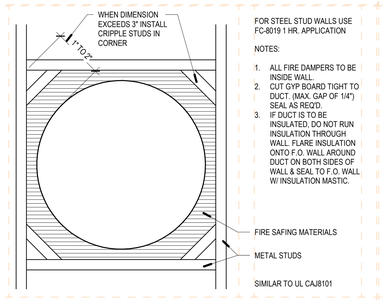
SCALE: 1 1/2" = 1'-0"



E2 MASONRY HEAD - RATED

SCALE: 3" = 1'-0"





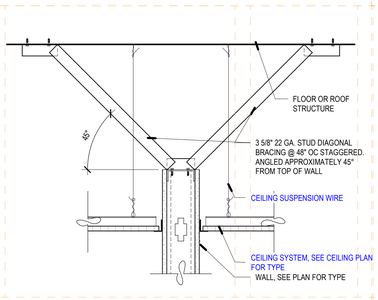
FOR STEEL STUD WALLS USE FC-8019 1 HR. APPLICATION

NOTES:

1. ALL FIRE DAMPERS TO BE INSIDE WALL.
2. CUT GYP BOARD TIGHT TO DUCT. (MAX. GAP OF 1/4") SEAL AS REQ'D.
3. IF DUCT IS TO BE INSULATED, DO NOT RUN INSULATION THROUGH WALL. FLARE INSULATION ONTO F.O. WALL AROUND DUCT ON BOTH SIDES OF WALL & SEAL TO F.O. WALL W/ INSULATION MASTIC.

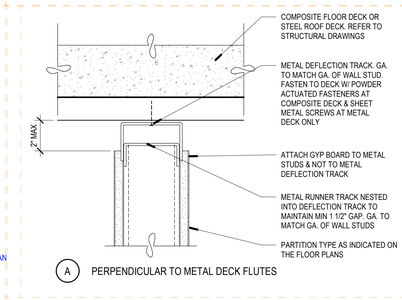
E4 PARTITION HEAD - RATED

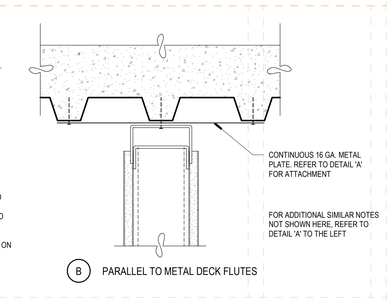
SCALE: 3" = 1'-0"



E5 PARTITION HEAD - ACOUSTIC - NON-RATED

SCALE: 3" = 1'-0"



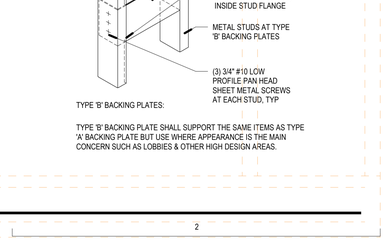


D1 PARTITION - SLIP JOINT - TYP

SCALE: 3" = 1'-0"

D2 CMU WALL - EXPANSION HEAD

SCALE: 3" = 1'-0"



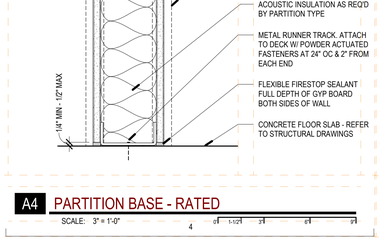
D3 DUCT OPENING - RATED WALL

SCALE: NOT TO SCALE

NOTE: ILLUSTRATION DOES NOT SHOW WALL FINISHES, TILE, PLASTIC LAMINATE, OR OTHER FINISHES

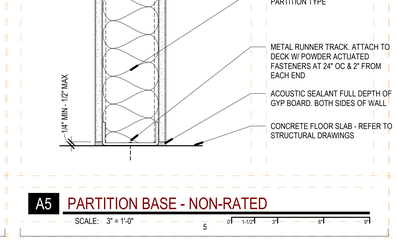
D4 "Y" BRACING - WALL

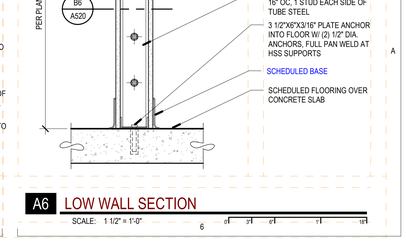
SCALE: 1 1/2" = 1'-0"



D5 PARTITION HEAD - NON-RATED

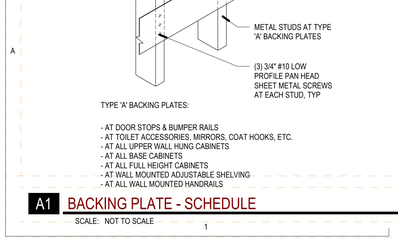
SCALE: 3" = 1'-0"





C1 SHAFT WALL - HEAD/BASE

SCALE: 3" = 1'-0"



C2 FIRE EXT CABINET - CMU

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

C3 ELECTRICAL DEVICE - TYP

SCALE: 3" = 1'-0"

C4 FIRE EXT CABINET

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

C5 FIRE EXT CABINET - SEMI

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

C6 WALL + COLUMN - STEEL - 2 HR

SCALE: 3" = 1'-0"

B1 COLUMN - 2 HOUR

SCALE: 3" = 1'-0"

B2 CONTROL JOINT - 2 HOUR - TYP

SCALE: 3" = 1'-0"

NOTES:

1. CUT GYP BOARD TIGHT TO DUCT. (MAX. GAP OF 1/4") SEAL AS REQ'D.
2. THROUGH CONCRETE WALLS, USE W-J-1116.
3. THROUGH GYP BOARD WALL, USE W-L-1018.

SIMILAR TO UL CAJ8101

B3 CONDUIT PENETRATION

SCALE: 3" = 1'-0"

2 HOUR RATED

B4 CONTROL JOINT - STUD - 2 HOUR - TYP

SCALE: 3" = 1'-0"

1 HOUR OR NON-RATED

B5 CONTROL JOINT - STUD

SCALE: 3" = 1'-0"

B6 LOW WALL REINFORCEMENT

SCALE: 6" = 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.

A1 BACKING PLATE - SCHEDULE

SCALE: NOT TO SCALE

A4 PARTITION BASE - RATED

SCALE: 3" = 1'-0"

A5 PARTITION BASE - NON-RATED

SCALE: 3" = 1'-0"

A6 LOW WALL SECTION

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

VCBO ARCHITECTURE
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
VCBO.COM

REV	DATE	DESCRIPTION

VCBO NUMBER: 19800
CLIENT NUMBER: 00000
DATE: MARCH 27, 2020

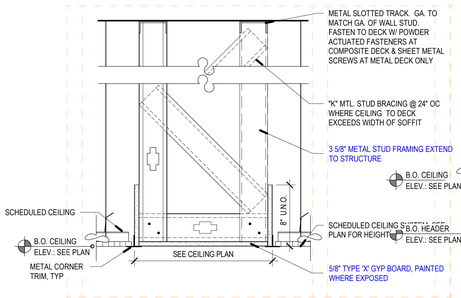
INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

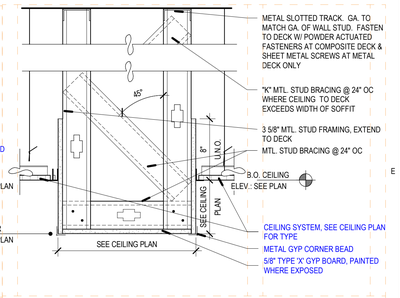
INTERIOR FRAMING DETAILS

A520



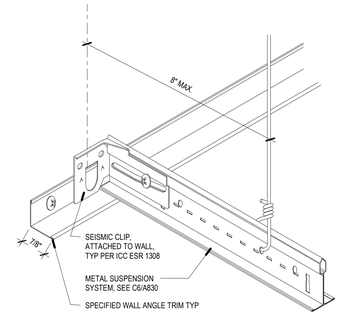
E5 SOFFIT - FLUSH FRAMED - TYP

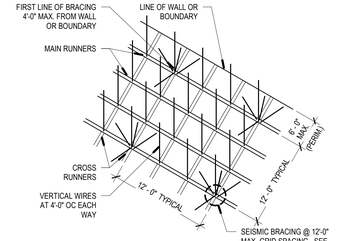
SCALE: 1 1/2" = 1'-0"



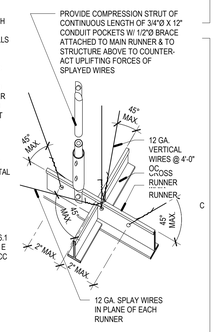
E6 SOFFIT - TYP

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



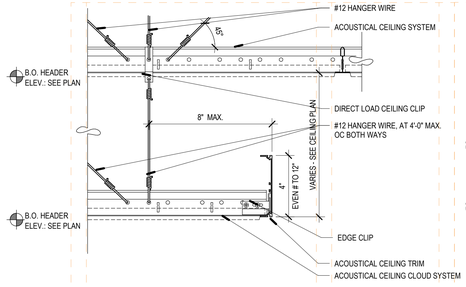


NOTES:
1. ALL SPLAY WIRES TO BE IN LINE W/ ATTACHED COMPONENT
2. ALL SPLAY WIRES TO BE TAUT & TIED BOTH ENDS W/ MIN OF 3 TURNS IN 1" OF RUN.
3. AREAS SMALLER THAN 144 SQ. FT. W/ WALLS ON 4 SIDES EXTENDING TO STRUCTURE NEED NOT BE BRACED.
4. COMPRESSIVE STRUTS REQ'D @ 12'-0" OC
5. ALL CEILING MOUNTED 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



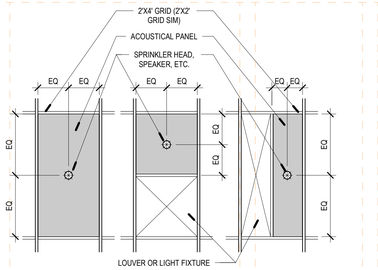
C6 SUSPENDED CEILING - SEISMIC BRACING

SCALE: NOT TO SCALE



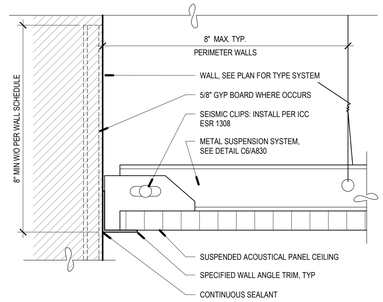
C3 CLOUD - TYP

SCALE: 3" = 1'-0"



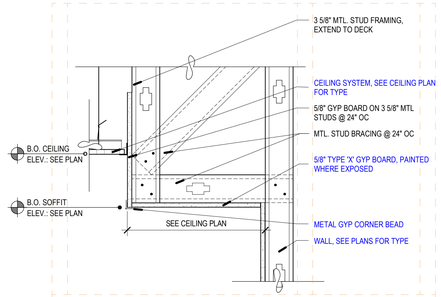
C4 CEILING TILE - PENETRATION - TYP

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



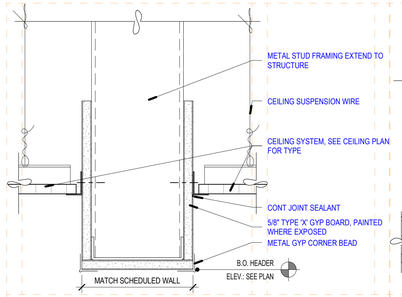
C5 SUSPENDED CEILING - TYP

SCALE: 6" = 1'-0"



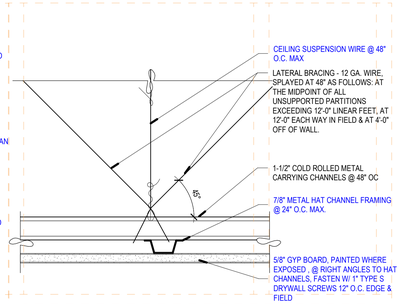
B2 SOFFIT - WALL - TYP

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



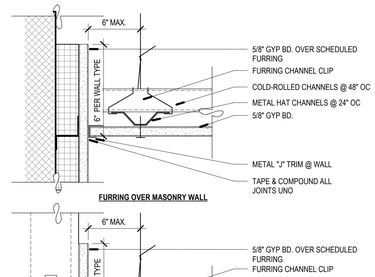
B3 METAL STUD - HEADER - TYP

SCALE: 3" = 1'-0"



B4 SUSPENDED CEILING - GYP - TYP

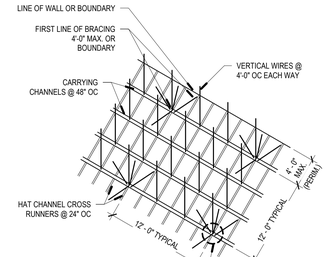
SCALE: 3" = 1'-0"



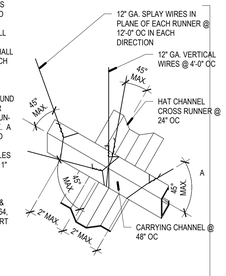
NOTE:
1. SEE XX/XXX FOR SEISMIC BRACING INFORMATION
2. INSTALL GYP TO USG STANDARDS

A5 SLIP JOINT

SCALE: 3" = 1'-0"

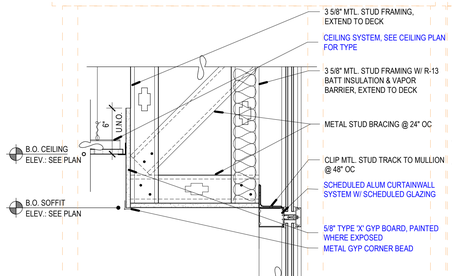


NOTES:
1. ALL SPLAY WIRES TO BE IN LINE W/ ATTACHED COMPONENT
2. ALL SPLAY WIRES TO BE TAUT & TIED BOTH ENDS W/ MIN OF 3 TURNS IN 1" OF RUN.
3. AREAS SMALLER THAN 1,000 SQ. FT. W/ WALLS ON 4 SIDES EXTENDING TO STRUCTURE NEED NOT BE BRACED.
4. ALL CEILING MOUNTED LIGHT FIXTURES SHALL BE ATTACHED TO THE 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 12.5.6.2.2, ICC REPORT ESR-1308



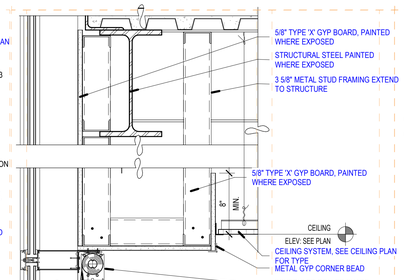
A6 GYP BRACING - SUSPENDED - TYP

SCALE: NOT TO SCALE



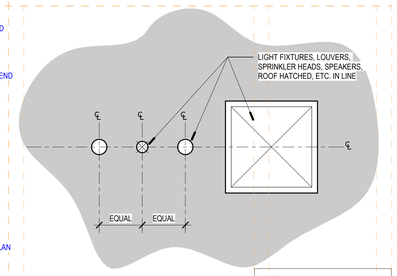
A2 SOFFIT - CURTAIN WALL - TYP

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



A3 WINDOW SHADE/ SOFFIT AT CURTAINWALL

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



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

A4 GYP BOARD CEILING - FIXUTRE - TYP

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

VCBO ARCHITECTURE
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
VCBO.COM

REV	DATE	DESCRIPTION

VCBO NUMBER: 19800
CLIENT NUMBER: 00000
DATE: MARCH 27, 2020

INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

CEILING DETAILS

A530

VCBO
ARCHITECTURE
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
VCBO.COM

REV	DATE	DESCRIPTION

VCBO NUMBER:	19800
CLIENT NUMBER:	00000
DATE:	MARCH 27, 2020

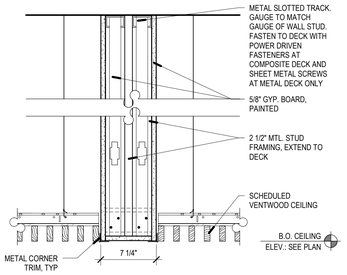
INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

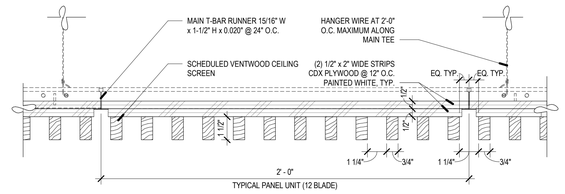
CEILING DETAILS

A531



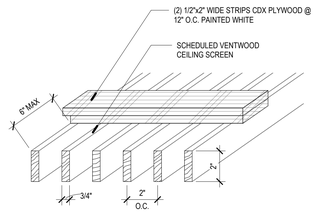
C6 TYPICAL SOFFIT DETAIL @ VENTED WOOD GRILLE

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



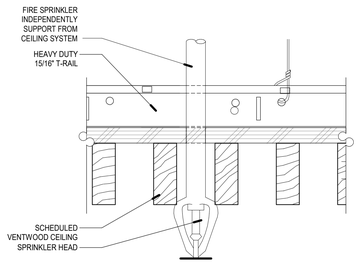
B3 VENTWOOD CEILING DETAIL

SCALE: 3" = 1'-0"



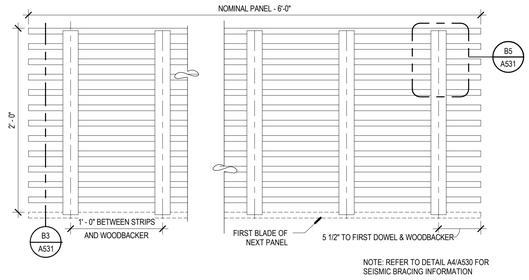
B5 VENTWOOD PROFILE

SCALE:N.T.S.



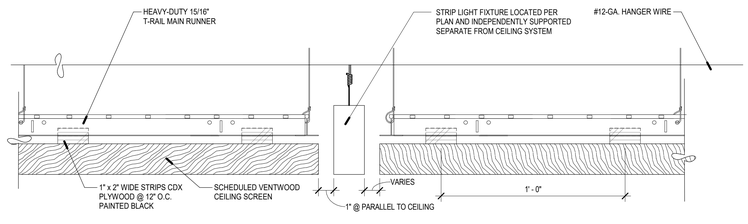
B6 TYP. VENTWOOD CEILING SPRINKLER DETAIL

SCALE: 6" = 1'-0"



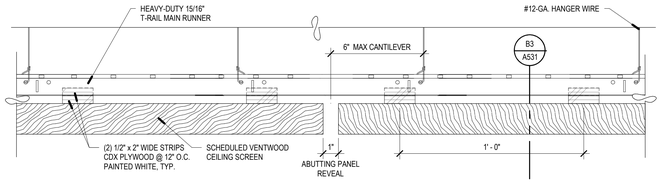
A1 VENTWOOD PANEL DIMENSIONS

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



A3 VENTWOOD CEILING LIGHT DETAIL

SCALE: 3" = 1'-0"



A5 VENTWOOD CEILING GAP DETAIL

SCALE: 3" = 1'-0"

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524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
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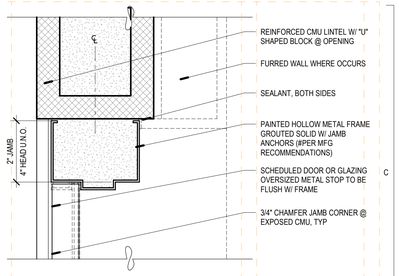
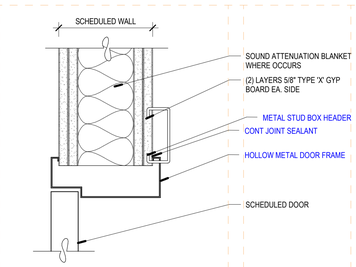
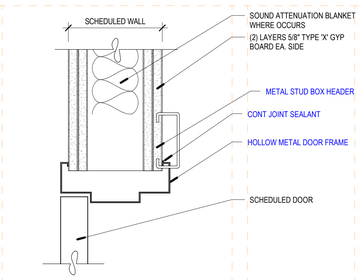
CLIENT NUMBER:	00000
DATE:	MARCH 27, 2020



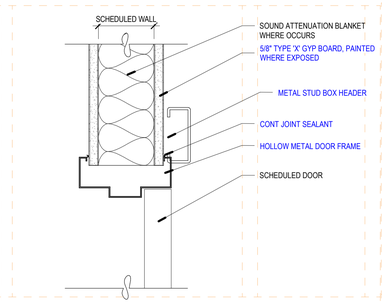
C6 HM DOOR OR WINDOW - HEAD - CMU WALL
SCALE: 3" = 1'-0"



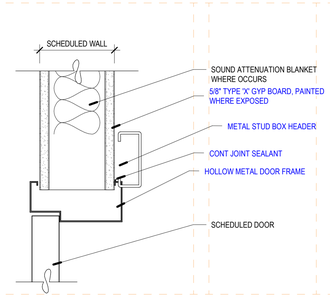
B2 HM DOOR HEAD @ 2 HR WALL (UL#419)
SCALE: 3" = 1'-0"



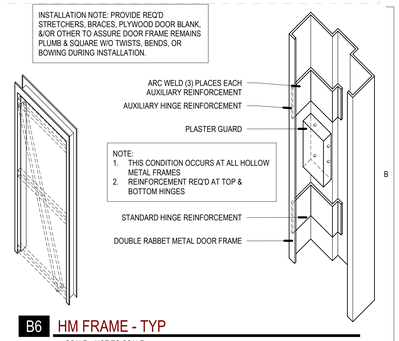
B3 HM DOOR - HEAD - 2 HR WALL (UL#419)
SCALE: 3" = 1'-0"



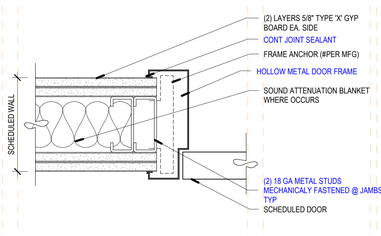
B4 HM DOOR - HEAD
SCALE: 3" = 1'-0"



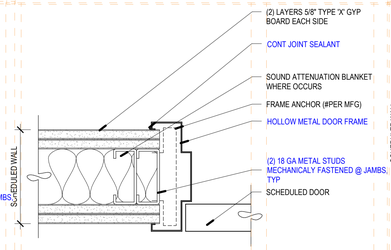
B5 HM DOOR HEAD
SCALE: 3" = 1'-0"



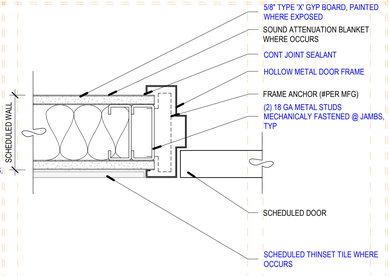
B6 HM FRAME - TYP
SCALE: NOT TO SCALE



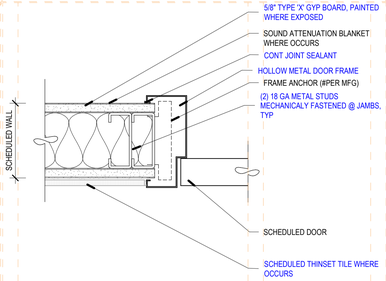
A2 HM DOOR JAMB @ 2 HR WALL (UL#419)
SCALE: 3" = 1'-0"



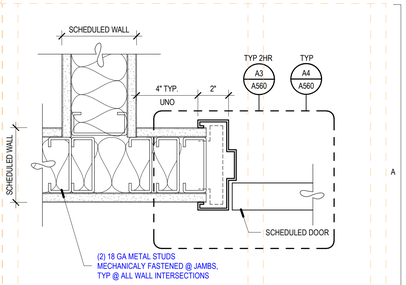
A3 HM DOOR - JAMB - 2 HR WALL (UL#419)
SCALE: 3" = 1'-0"



A4 HM DOOR - JAMB
SCALE: 3" = 1'-0"



A5 HM DOOR JAMB
SCALE: 3" = 1'-0"



A6 HM DOOR - CORNER JAMB
SCALE: 3" = 1'-0"

INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

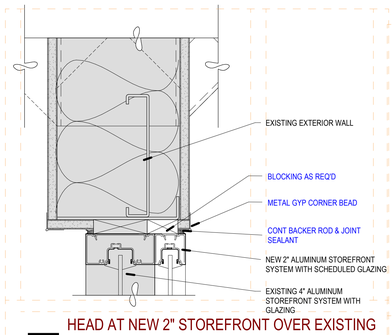
INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

DOOR + WINDOW DETAILS

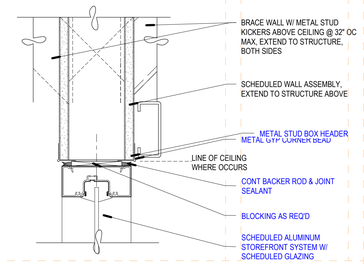
A560

19800.DWG



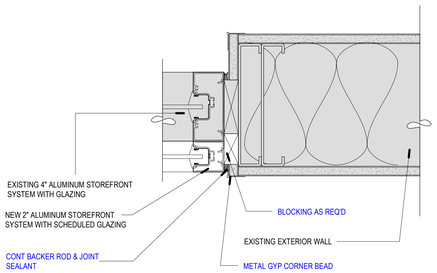
D3 HEAD AT NEW 2" STOREFRONT OVER EXISTING STOREFRONT

SCALE: 3" = 1'-0"



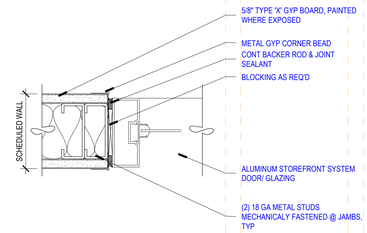
D4 STOREFRONT - INT - HEAD

SCALE: 3" = 1'-0"



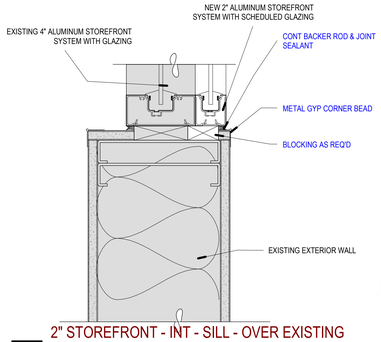
C3 2" STOREFRONT - INT - JAMB - OVER EXISTING STOREFRONT

SCALE: 3" = 1'-0"



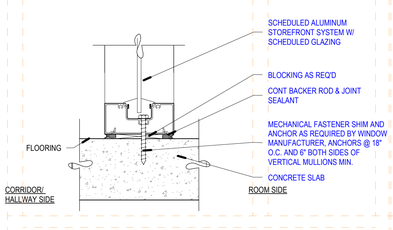
C4 STOREFRONT - INT - JAMB

SCALE: 3" = 1'-0"



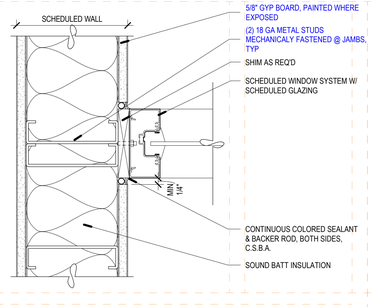
B3 2" STOREFRONT - INT - SILL - OVER EXISTING STOREFRONT

SCALE: 3" = 1'-0"



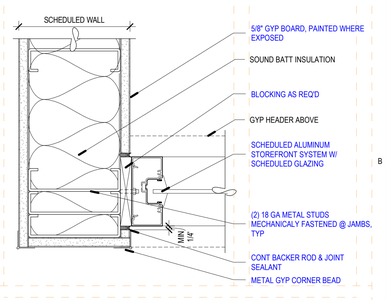
B4 STOREFRONT - INT - SILL - SLAB

SCALE: 3" = 1'-0"



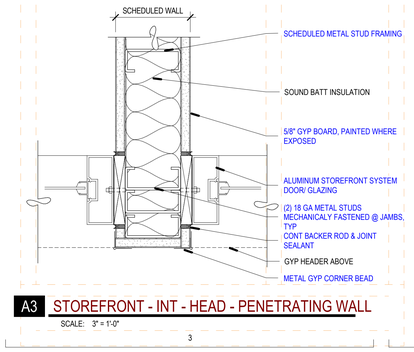
B5 STOREFRONT - INT - JAMB - PERP TO WALL

SCALE: 3" = 1'-0"



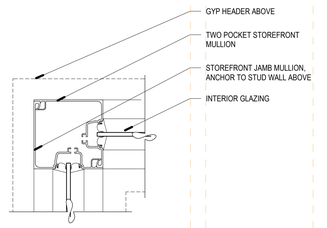
B6 STOREFRONT - INT - HEAD - WALL TERMINATION

SCALE: 3" = 1'-0"



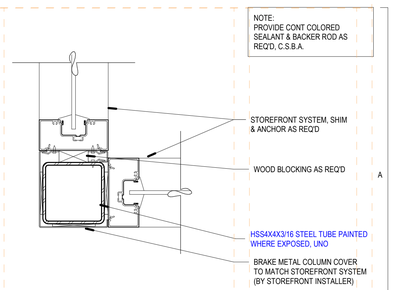
A3 STOREFRONT - INT - HEAD - PENETRATING WALL

SCALE: 3" = 1'-0"



A5 STOREFRONT - JAMB - TWO POCKETS

SCALE: 3" = 1'-0"



A6 STOREFRONT - JAMB - CORNER COLUMN

SCALE: 3" = 1'-0"

VCBO ARCHITECTURE
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
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VCBO NUMBER: 19800
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DATE: MARCH 27, 2020

INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

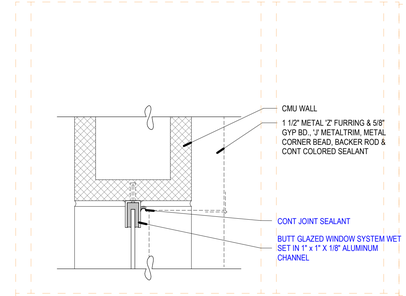
CONSTRUCTION DOCUMENTS (PROGRESS SET)

INTERIOR STOREFRONT GLAZING DETAILS

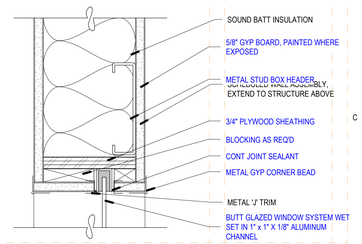
A562

VCBO ARCHITECTURE
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
VCBO.COM

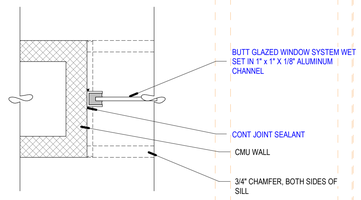
REV	DATE	DESCRIPTION



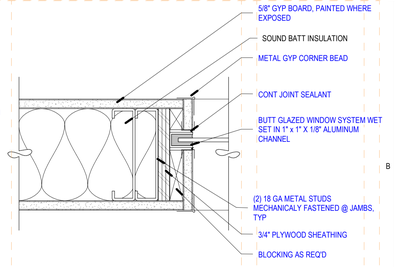
C5 BUTT GLAZE - HEAD - MASONRY
SCALE: 3" = 1'-0"



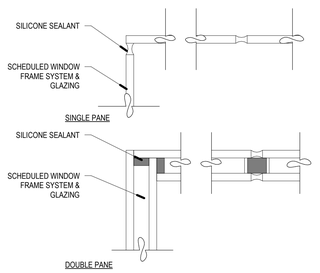
C6 BUTT GLAZE - HEAD - THIN ALUM FRAME
SCALE: 3" = 1'-0"



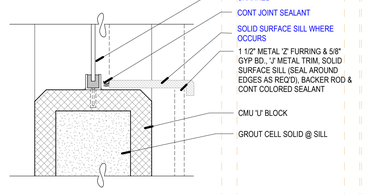
B5 BUTT GLAZE - JAMB - MASONRY
SCALE: 3" = 1'-0"



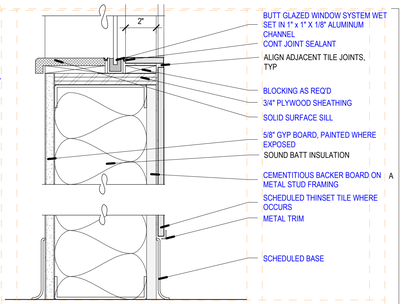
B6 BUTT GLAZE - JAMB - THIN ALUM FRAME
SCALE: 3" = 1'-0"



A4 BUTT GLAZE - JAMB - SEAL
SCALE: 6" = 1'-0"



A5 BUTT GLAZE - SILL - MASONRY
SCALE: 3" = 1'-0"



A6 BUTT GLAZE - SILL - THIN ALUM FRAME
SCALE: 3" = 1'-0"

VCBO NUMBER:	19800
CLIENT NUMBER:	00000
DATE:	MARCH 27, 2020

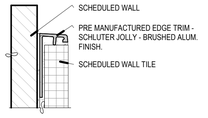
INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

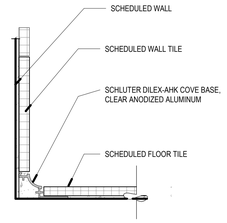
BUTT GLAZING DETAILS

A565



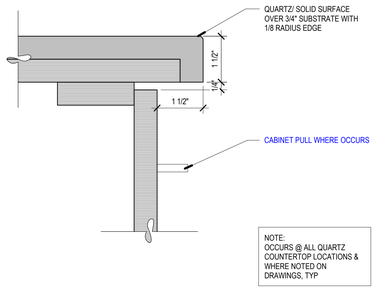
E1 TYPICAL EXPOSED EDGE DETAIL

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



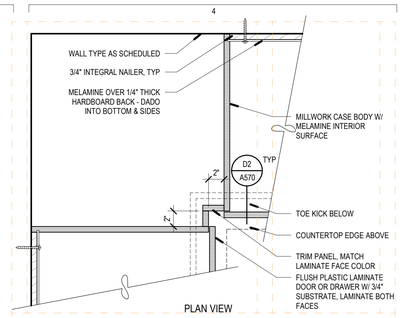
E2 TYPICAL TILE BASE DETAIL

SCALE: 6" = 1'-0"



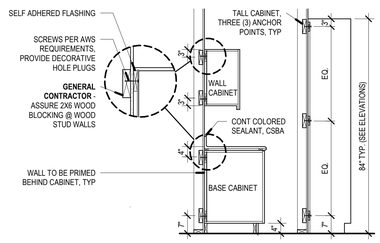
E3 COUNTER EDGE - QUARTZ SURFACE

SCALE: 6" = 1'-0"



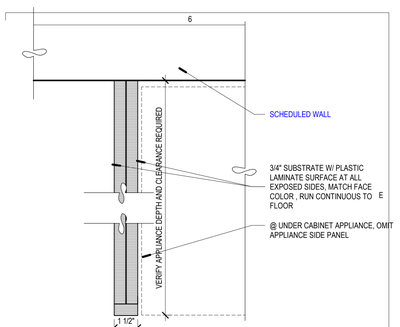
E4 BASE CAB./UPPER CAB. - CORNER SIM.

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



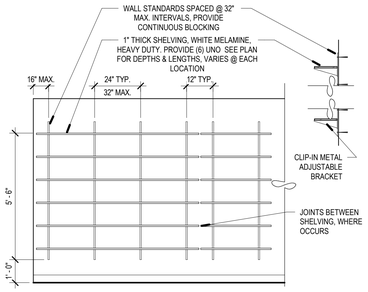
E5 MILLWORK ANCHOR - TYPICAL

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



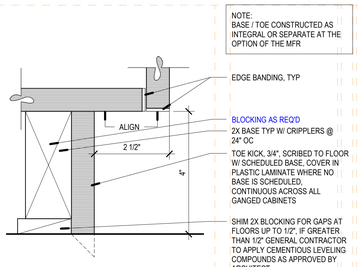
E6 BASE CABINET - END PANEL - PLAN

SCALE: 3" = 1'-0"



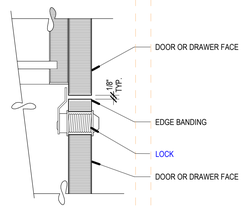
D1 SHELF - FULL HEIGHT - ADJ

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



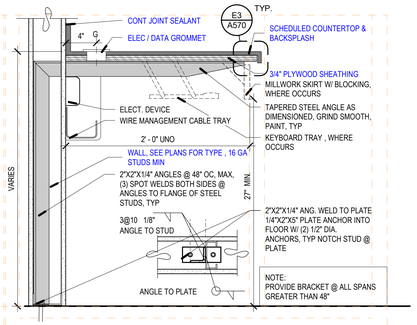
D2 TOE KICK - TYP

SCALE: 6" = 1'-0"



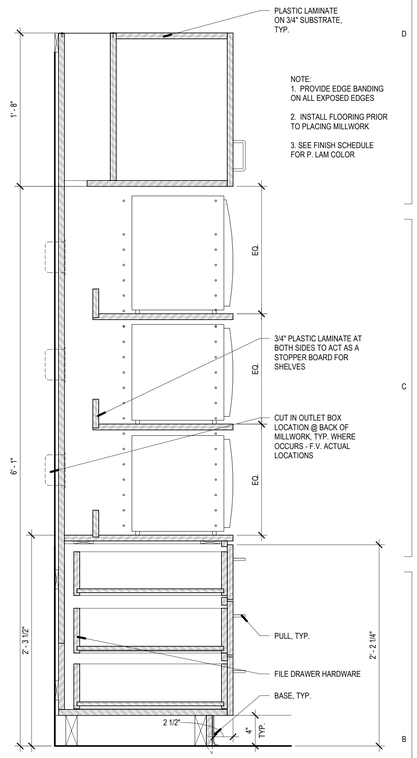
D3 LOCK - TYP

SCALE: 6" = 1'-0"



D5 COUNTERTOP - WALL HUNG

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

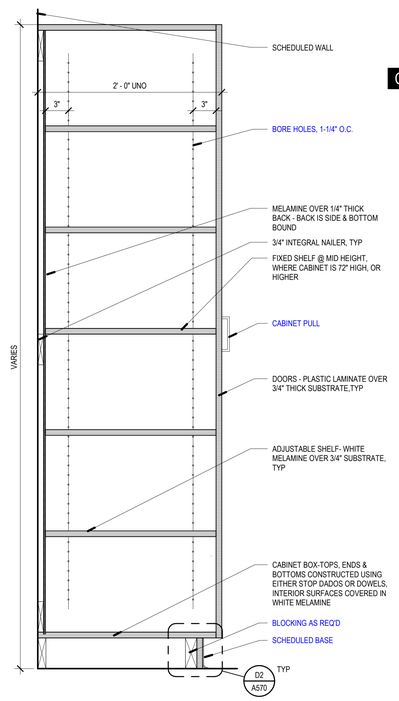


B6 T322 - TALL CABINET - TRIPLE MICROWAVE

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

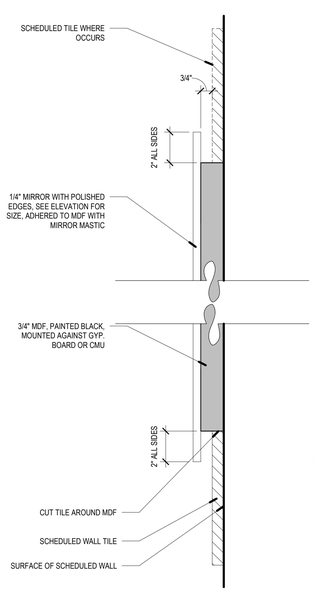
C2 W021 - UPPER CABINET WITH FULL DOOR

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



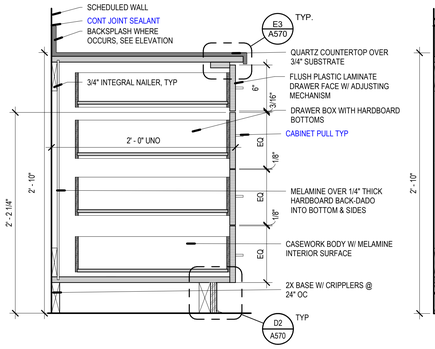
A1 TALL CABINET, TYP.

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



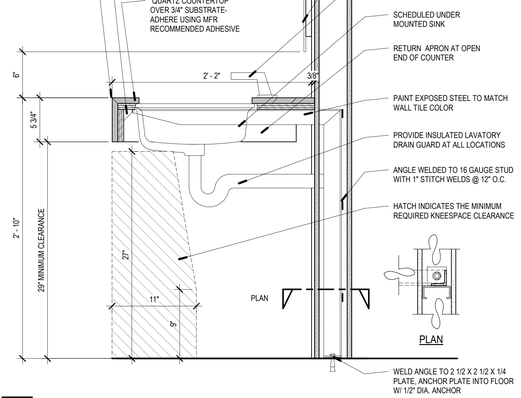
A2 MIRROR - MOUNTING

SCALE: 3" = 1'-0"



B3 B020 - BASE CABINET AT SINK

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

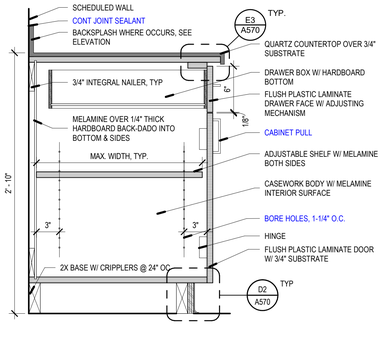


B4 COUNTER - RESTROOM - TYP

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

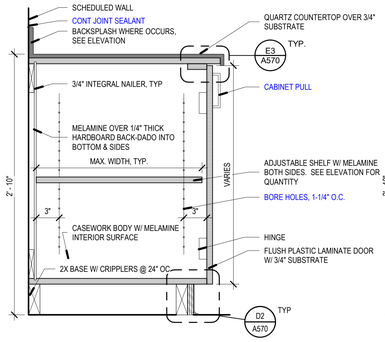
A3 B400 - BASE CABINET WITH 4 DRAWERS

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



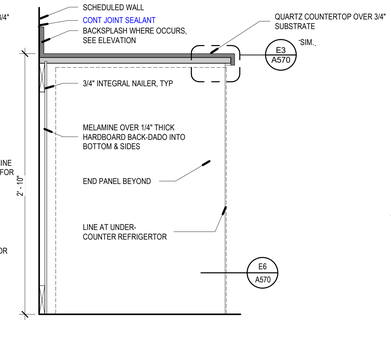
A4 B121 - BASE CABINET AT DRAWER AND DOOR

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



A5 B022 - BASE CABINET AT FULL DOOR

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



A6 BASE CABINET AT REF.

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

VCBO ARCHITECTURE
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
VCBO.COM

REV	DATE	DESCRIPTION

VCBO NUMBER: 19800
CLIENT NUMBER: 00000
DATE: MARCH 27, 2020

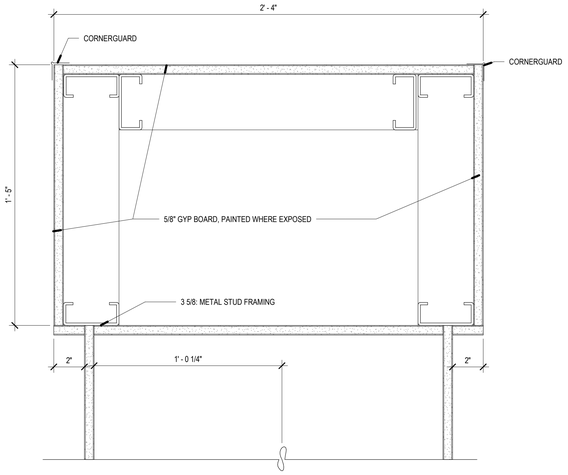
INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

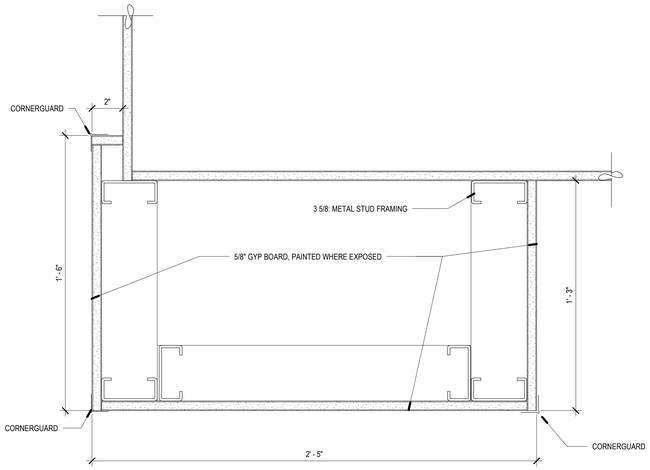
CASEWORK DETAILS

A570



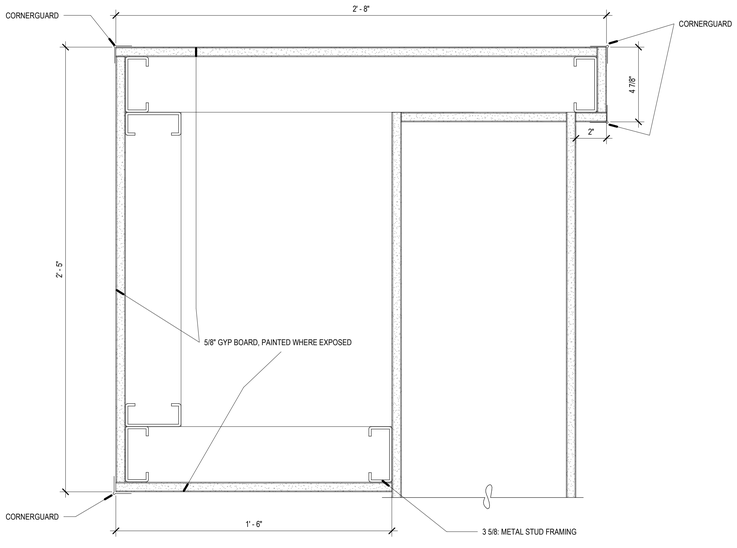
D1 PORTAL DETAIL - LEVEL 03 - AT DOOR 302A

SCALE: 3" = 1'-0"



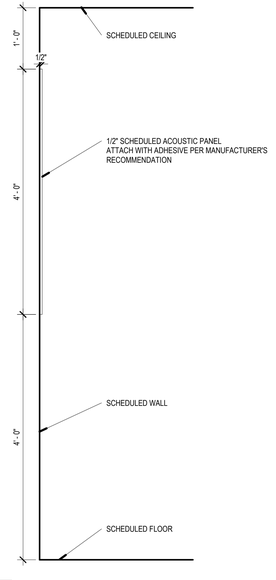
D3 PORTAL DETAIL - LEVEL 03 - AT DOOR 302

SCALE: 3" = 1'-0"



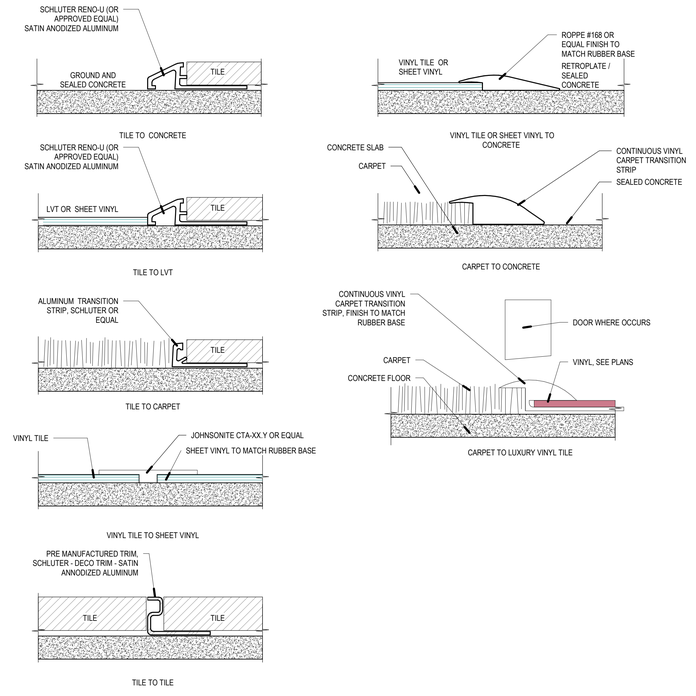
B1 PORTAL DETAIL - LEVEL 03 - AT DOOR 301 & 301A

SCALE: 3" = 1'-0"



A4 ACOUSTICAL PANEL DETAIL

SCALE: 1" = 1'-0"



A5 TYP. FLOOR TRANSITIONS

SCALE: 12" = 1'-0"

VCBO ARCHITECTURE
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
VCBO.COM

REV	DATE	DESCRIPTION

VCBO NUMBER:	19800
CLIENT NUMBER:	00000
DATE:	MARCH 27, 2020

INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

INTERIOR PLAN & FINISH DETAILS

A571

SCHEDULE - DOOR AND FRAME

DOOR NUMBER	Room Name	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICK	DOOR ELEV. TYPE	DOOR MATERIAL	DOOR FACING/FINISH	FRAME ELEV. TYPE	FRAME MATERIAL	FRAME FINISH/FACING	HARDWARE GROUP	GLAZING TYPE	LABEL (MIN.)	NOTES	DOOR NUMBER	To Room: Name
301	ELEVATOR LOBBY	72"	96"	1 3/4"	C	WD	STAIN		AL	ANOD	01				301	OPEN WORK SPACE
301A	ELEVATOR LOBBY	72"	96"	1 3/4"	C	WD	STAIN		AL	ANOD	01				301A	ENTRY LOBBY
302	ENTRY LOBBY	72"	96"	1 3/4"	C	WD	STAIN		AL	ANOD	03				302	OPEN WORK SPACE
302A	ENTRY LOBBY	72"	96"	1 3/4"	C	WD	STAIN		AL	ANOD	03				302A	OPEN WORK SPACE
311	STAIR 1	36"	96"	1 3/4"	D	WD	STAIN		HM	PNT	02		60 MIN.		311	OPEN WORK SPACE
312	COPY/WORK AREA	36"	96"	1 3/4"	A	WD	STAIN		AL	ANOD	05				312	MECHANICAL
313	OPEN WORK SPACE	36"	96"	1 3/4"	A	WD	STAIN		AL	ANOD	05				313	JANITOR
315	HALL	36"	92"	1 3/4"	E	WD	STAIN		AL	ANOD	10				315	WOMENS RESTROOM
316	HALL	36"	92"	1 3/4"	E	WD	STAIN		AL	ANOD	10				316	MENS RESTROOM
318	STAIR 2	36"	96"	1 3/4"	D	WD	STAIN		HM	PNT	02		60 MIN.		318	OPEN WORK SPACE
321	LARGE COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09				321	ENTRY LOBBY
322	MEDIUM COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09				322	ENTRY LOBBY
323	ENTRY LOBBY	36"	96"	1 3/4"	A	WD	STAIN		AL	ANOD	06				323	STORAGE
323	MEDIUM COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09				323	ENTRY LOBBY
324	MECHANICAL	36"	96"	1 3/4"	A	WD	STAIN		AL	ANOD	05				324	ELECTRICAL
324	SMALL COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09				324	OPEN WORK SPACE
325	SMALL COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09				325	OPEN WORK SPACE
326	SMALL COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09				326	OPEN WORK SPACE
327	COPY/WORK	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09				327	OPEN WORK SPACE
328	SMALL COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09				328	OPEN WORK SPACE
329	SMALL COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09				329	OPEN WORK SPACE
330	MEDIUM COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09				330	OPEN WORK SPACE
331	STORAGE	36"	96"	1 3/4"	A	WD	STAIN		AL	ANOD	08				331	HALL
332	SMALL COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09				332	OPEN WORK SPACE
333	I.T. ROOM	36"	96"	1 3/4"	A	WD	STAIN		AL	ANOD	04				333	OPEN WORK SPACE
334	STORAGE	36"	96"	1 3/4"	A	WD	STAIN		AL	ANOD	06				334	OPEN WORK SPACE
335	COPY/WORK AREA	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09				335	OPEN WORK SPACE
336	SMALL COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09				336	OPEN WORK SPACE
337		36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09				337	OPEN WORK SPACE
338	STORAGE	36"	96"	1 3/4"	A	WD	STAIN		AL	ANOD	04				338	NORTH ELEVATOR LOBBY
339	LARGE COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09				339	OPEN WORK SPACE
340	ENTRY LOBBY	36"	96"	1 3/4"	A	WD	STAIN		AL	ANOD	06				340	STORAGE
341	BUILDING MGR	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09				341	OPEN WORK SPACE
351	BREAK ROOM	36"	96"	1 3/4"	C	WD	STAIN		AL	ANOD	10				351	OPEN WORK SPACE
352	PHONE	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	08				352	OPEN WORK SPACE
353	PHONE	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	08				353	OPEN WORK SPACE
354	PHONE	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	08				354	OPEN WORK SPACE
355	PHONE	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	08				355	OPEN WORK SPACE
356	PHONE	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	08				356	OPEN WORK SPACE
357	PHONE	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	08				357	OPEN WORK SPACE
358	PHONE	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	08				358	OPEN WORK SPACE
368	OPEN WORK SPACE	36"	96"	1 3/4"	A	WD	STAIN		AL	ANOD	05				368	JANITOR

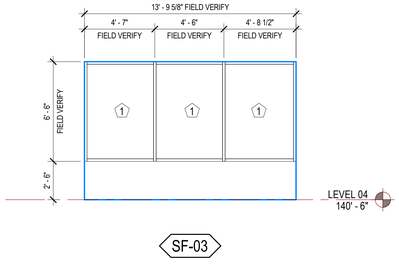
DOOR & FRAME NOTES

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 **A**, FRAME TYPE **A**, HARDWARE TYPE **08**.
8. MATCH ALL HM FRAMES TO MATCH ALUMINUM WINDOW FRAME COLOR

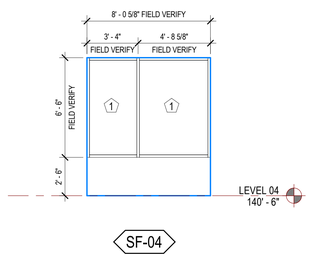
GLAZING TYPE LEGEND

MARK	DESCRIPTION
1	1/4" CLEAR, H.S. FLOAT GLAZING
#/F	WINDOW FILM, 3M GLASS FINISHES - FUSION PEARL
#/T	'T' INDICATES TEMPERED GLASS
E	EXISTING GLAZING

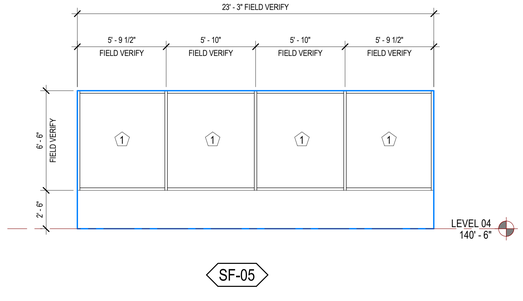
NOTE:
WINDOW TYPE QUANTITIES PROVIDED FOR CONVENIENCE, THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE QUANTITIES OF EACH WINDOW TYPE.



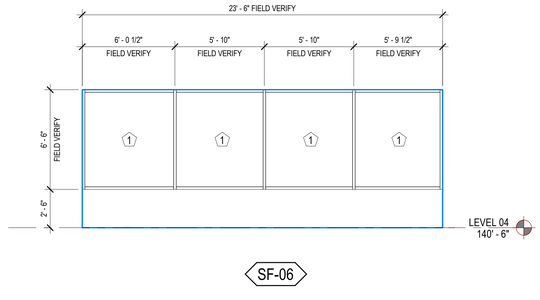
SF-03



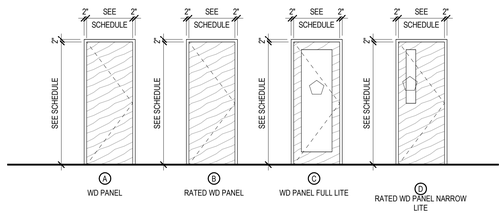
SF-04

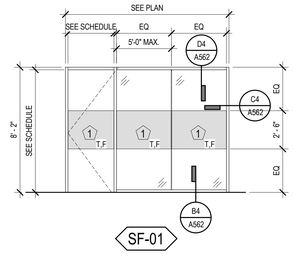


SF-05

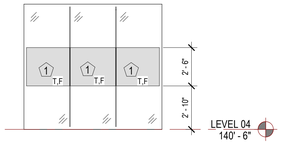


SF-06





SF-01



SF-02

A3 DOOR ELEVATIONS

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

VCBO ARCHITECTURE
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
VCBO.COM

REV	DATE	DESCRIPTION
1	2020 March ??	ADD 01

VCBO NUMBER: 19800
CLIENT NUMBER: 00000
DATE: MARCH 27, 2020

INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

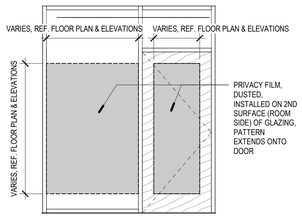
CONSTRUCTION DOCUMENTS (PROGRESS SET)

DOOR SCHEDULE + ELEVATIONS

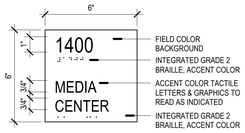
A600

SIGNAGE SCHEDULE - LEVEL 04

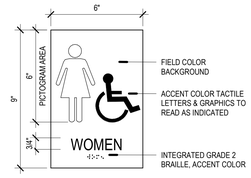
Mark	Type Mark	Sign Room Number	Sign Text	Type Comments	Sign Notes
ST-1	STID		EXIT STAIR (STAIR ICON)		
ST-2	STID		EXIT STAIR (STAIR ICON)		
405-1	PRV		-		
435-1	PRV		-		
406-1	PRV		-		
413	PRV		-		
429	PRV		-		
420-1	PRV		-		
421-1	PRV		-		
422	PRV		-		
426	PRV		-		
434	PRV		-		
418-1	PRV		-		
419-1	PRV		-		
436-1	PRV		-		
431-1	PRV		-		
403-1	SECR		-		
408-1	PRV		-		
430-1	PRV		-		
428-1	PRV		-		
416-1	PRV		-		
410-1	PRV		-		
411-1	PRV		-		
412-1	PRV		-		
416-2	CODE		MECHANICAL		
416-3	CODE		ELECTRICAL		
407-1	PRV		-		
433-1	MN		MEN (MALE ADA ICON)		
433-2	WM		WOMEN (FEMALE ADA ICON)		
403-2	PRV		-		
	STID		EXIT STAIR (STAIR ICON)		
	STID		EXIT STAIR (STAIR ICON)		
	PRV		-		
	PRV		-		
	PRV		-		
	PRV		-		
	PRV		-		
	PRV		-		
	PRV		-		
	PRV		-		
	PRV		-		
	PRV		-		
	PRV		-		
	PRV		-		
	PRV		-		
	PRV		-		
	PRV		-		
	SECR		-		
	PRV		-		
	PRV		-		
	PRV		-		
	PRV		-		
	PRV		-		
	PRV		-		
	CODE		MECHANICAL		
	CODE		ELECTRICAL		
	PRV		-		
	MN		MEN (MALE ADA ICON)		
	WM		WOMEN (FEMALE ADA ICON)		
	PRV		-		



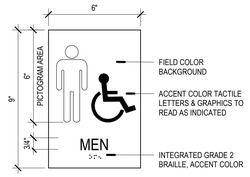
5 TYPE PRV - PRIVACY FILM
SCALE: 3/8" = 1'-0"



4 TYPE RM - ROOM SIGN
SCALE: 3" = 1'-0"



3 TYPE WM - WOMEN'S ADA RESTROOM
SCALE: 3" = 1'-0"



2 TYPE MN - MEN'S ADA RESTROOM
SCALE: 3" = 1'-0"

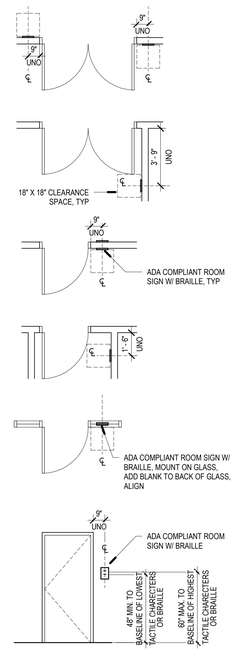
SIGN NOTES

1. ALL SIGNS TO MEET CHAPTER 7 OF ANSI 117.1, 2003 AND INCLUDE GRADE 2 BRAILLE, FINISH AND CONTRAST. CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND, WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARECTERS ON A LIGHT BACKGROUND.
2. ALL SANITARY FACILITIES MUST BE IDENTIFIED, INCLUDE INTERNATIONAL SYMBOL OF ACCESSIBILITY, PICTOGRAMS AND BRAILLE.
3. ALL ASSEMBLY OCCUPANCIES TO HAVE OCCUPANT LOAD POSTED NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY.
4. PROVIDE CODE REQUIRED SIGNAGE AT STAIRS. TACTILE SIGN WITH "EXIT" OUTSIDE STAIR DOORS ON UPPER FLOORS. INSIDE STAIR SIGN TO INDICATE STAIR NUMBER, EXIT LEVEL AND LEVEL ON.
5. PROVIDE CODE REQUIRED SIGNAGE AT ALL ELEVATOR DOORS.

TYP SIGNAGE LOCATIONS

NOTE:

- TYP SIGN HEIGHT, ARCHITECT TO FIELD VERIFY SIGN LOCATIONS WHEN CONFLICTS W/ DEVICES ARISE.
- SIGNS W/ TACTILE CHARACTERS SHALL BE PERMITTED ON THE PUSH SIDE OF DOORS W/ CLOSERS & W/O HOLD-OPEN DEVICES.
- WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS W/ ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF.



A1 PLAN - LEVEL 04 - ANNOTATED
SCALE: 1/8" = 1'-0"

VCBO ARCHITECTURE
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
801.575.8800
VCBO.COM

REV	DATE	DESCRIPTION

VCBO NUMBER: 19800
CLIENT NUMBER: 00000
DATE: MARCH 27, 2020

INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

SIGNAGE SCHEDULE + PLANS

A700

PIPING LEGEND

GATE VALVE		CHILLED WATER SUPPLY	CWS
OS & Y PATTERN GATE VALVE		CHILLED WATER RETURN	CWR
BALL VALVE		CONDENSER WATER SUPPLY	CS
BUTTERFLY VALVE		CONDENSER WATER RETURN	CR
MOTORIZED BUTTERFLY VALVE	M	HEATING WATER SUPPLY	HWS
HEAT TRACING		HEATING WATER RETURN	HWR
DEIONIZED WATER	DI	WATER TREATMENT	WT
CHECK VALVE (SWING OR LIFT AS REQ'D.)		FIRE DEPT. HORN & LIGHT	
SOLENOID VALVE		HOT GAS	HG
AUTOMATIC CONTROL VALVE (2-WAY)		FLEXIBLE PIPE CONNECTION	
AUTOMATIC CONTROL VALVE (3-WAY)		REDUCED PRESSURE BACKFLOW PREVENTER	RPBP
PRESSURE REDUCING VALVE		DIRECTION OF FLOW	
PRESSURE INDEPENDENT VALVE	P	ELBOW DOWN	
P & T RELIEF VALVE		ELBOW UP	
AIR VENT (AUTOMATIC)		PIPE CAP	
REFRIGERANT LIQUID	RL	TEE DOWN	
REFRIGERANT SUCTION	RS	UNION	
THERMAL EXPANSION VALVE		DOMESTIC COLD WATER	
STRAINER		DOMESTIC HOT WATER	
CIRCUIT SETTER		HOT WATER CIRC.	
FLOW METER		TEMPERED WATER	T
PET COCK OR GAUGE COCK		SANITARY (PLBG.) VENT	
PRESSURE GAUGE W/GAUGE COCK		SANITARY SEWER ABOVE GRADE	
THERMOMETER		SANITARY SEWER BELOW GRADE	
TEMPERATURE & PRESSURE TEST PLUG		DRAIN	D
IN-LINE PUMP		ROOF DRAIN PIPING	RD
FLOW SWITCH	F	OVERFLOW DRAIN PIPING	OD
AQUASTAT	A	STORM DRAIN PIPING ABOVE GRADE	SD
HOSE BIBB OR SILLCOCK		STORM DRAIN PIPING BELOW GRADE	SD
VACUUM	V	FIRE SERVICE	F
FLOOR DRAIN		NATURAL GAS	G
FLOOR SINK		COMPRESSED AIR	CA
HOT GAS BYPASS	HGBP	VENT THROUGH ROOF	
WALL CLEANOUT		STEAM	S
FLOOR OR GRADE CLEANOUT		CONDENSATE	C
GRADE CLEANOUT W/ CONCRETE PAD		GREASE WASTE	GW
		SNOWMELT PIPING @ 8" O.C.	
		ROOF DRAIN WITH SNOWMELT PIPING INSTALLED INSIDE PIPE	

MECHANICAL LEGEND

RETURN OR EXHAUST DUCT DOWN	
RETURN OR EXHAUST DUCT UP	
SUPPLY AIR DUCT DOWN	
SUPPLY AIR DUCT UP	
SPIN-IN FITTING W/MVD	
FLEXIBLE DUCT CONNECTION	
CEILING SLOT DIFFUSER	
CEILING DIFFUSER	
CEILING EXHAUST GRILLE	
CEILING GRILLE	
ACCESS PANEL	
MANUAL VOLUME DAMPER	
MOTORIZED DAMPER	M
FIRE DAMPER	
THERMOSTAT OR TEMP SENSOR	T
POINT OF CONNECTION TO EXISTING	
DETAIL TAG	DETAIL NO. / DRAWING NO.
KEYED NOTE	NOTE NO.
SECTION CUT LINE	SECTION NO. / DRAWING NO.
CONTROL TRANSFORMER	TRX
FIRE DAMPER (FUSIBLE LINK) WALL RATING (SEE PLANS)	F / 1 HR
COMBINATION FIRE/SMOKE DAMPER MOTORIZED 120v POWER WALL RATING (SEE PLANS)	F/S / 2 HR
SMOKE DAMPER MOTORIZED 120v POWER WALL RATING (SEE PLANS)	S / 1 HR
MOTORIZED CONTROL DAMPER TYP. 24v POWER (SEE PLANS)	M
OPPOSED BLADE DAMPER (NO MOTOR) W/ INTERLOCKING SEALS AND BLADES	OBD
IRIS DAMPER (NO MOTOR) FOR USE ON ROUND DUCTS	I
BACK DRAFT DAMPER (NO MOTOR) W/ INTERLOCKING SEALS AND BLADES	B
COUNTERWEIGHTED DAMPER (NO MOTOR) W/ INTERLOCKING SEALS AND BLADES	C/W

GENERAL NOTES:

1. INDICATES POINT OF CONNECTION OF NEW TO EXISTING MECHANICAL, EQUIPMENT, PIPING OR DUCTWORK.
2. COORDINATE ALL FIRE SPRINKLER HEADS AND AIR DEVICE LOCATIONS WITH REFLECTED CEILING PLANS AND ELECTRICAL DRAWINGS.
3. DUCTWORK SHALL BE INSULATED AS FOLLOWS:

	LINED OR WRAPPED	R-VALUE
MEDIUM PRESSURE DUCT UP TO VAV BOX:	WRAPPED	R-6
ROUND DUCTWORK:	WRAPPED	R-6
LOW PRESSURE RECTANGULAR DUCTWORK:	LINED	R-6
ROUND FLEXIBLE DUCT (MAX 6' LONG)	N/A	R-6
DUCTWORK INSTALLED OUTSIDE THE BUILDING	DOUBLE WALL	R-8

#ALL INSULATION TO MEET NFPA 90 PER UL 181-CLASS 1. NO DUCTBOARD ALLOWED.

4. ALL DUCT IS TO BE WRAPPED UP TO THE VAV'S. DUCTWORK DOWNSTREAM OF THE VAV'S IS TO BE LINED OR WRAPPED IF ROUND. NO DUCTBOARD IS ALLOWED.
5. DUCTWORK AND PIPE ROUTING AS SHOWN ON DRAWINGS IS DIAGRAMMATIC AND IS NOT TO BE SCALED. WHERE ALTERNATE ROUTING, OFFSETS AND TRANSITIONS ARE REQUIRED FOR COORDINATION OF WORK, THIS CONTRACTOR SHALL MAKE CHANGES WITHOUT ADDITIONAL COSTS.
6. THIS CONTRACTOR SHALL CLOSELY COORDINATE NEW MECHANICAL WITH NEW AND EXISTING MECHANICAL, ELECTRICAL, ARCHITECTURAL AND BUILDING STRUCTURE.
7. THIS CONTRACTOR SHALL VISUALLY FIELD VERIFY ALL MECHANICAL ITEMS PRIOR TO STARTING NEW WORK. ADDITIONAL COST WILL NOT BE ALLOWED FOR CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH EXISTING SITE CONDITIONS.
8. THIS CONTRACTOR SHALL USE SMACNA DUCT CONSTRUCTION STANDARDS FOR SHEET METAL DUCTS. ALL HIGH PRESSURE DUCTWORK UPSTREAM OF VAV TERMINAL BOXES SHALL BE CONSTRUCTED FOR 2" W.C. ALL DUCT SHALL BE RATED FOR SEAL CLASS "A".
9. ALL MECHANICAL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT ADOPTED EDITION OF THE BUILDING CODES, FIRE CODES, MECHANICAL CODES AND PLUMBING CODES.
10. THIS CONTRACTOR SHALL PROVIDE SUBMITTALS ON ITEMS LISTED IN MECHANICAL EQUIPMENT LIST TO THE ENGINEER FOR REVIEW PRIOR TO THE ORDER, PURCHASE OR INSTALLATION.
11. ALL VAV BOXES, RTU's, WATER FLOW RATES AND DIFFUSERS MUST BE BALANCED TO THE VALUES INDICATED ON THE FLOOR PLANS. PROVIDE BALANCE REPORT TO ENGINEER PRIOR TO PROJECT CLOSEOUT.
12. DUCT DIMENSIONS SHOWN ARE INSIDE CLEAR DIMENSIONS.
13. FIRE SPRINKLER CONTRACTOR SHALL ADD AND/OR RELOCATE SPRINKLER HEADS PER REFLECTED CEILING PLAN AND THE CURRENT ADOPTED EDITION OF NFPA AND BUILDING CODE.
14. ALL DOMESTIC COLD AND DOMESTIC HOT WATER PIPING SHALL BE TYPE 'L' COPPER. ALL WASTE AND VENT PIPING SHALL BE ABS/PVC UNDERGROUND AND CAST IRON ABOVE GROUND. ALL ROOF AND OVERFLOW DRAINAGE PIPING TO BE ABS/PVC UNDERGROUND AND CAST IRON ABOVE GROUND.
15. VENT THE HIGH POINTS OF NEW MECHANICAL PIPING.
16. PIPING MATERIAL REQUIREMENTS:
    DOMESTIC COLD WATER PIPING - TYPE 'L' COPPER
    DOMESTIC HOT WATER PIPING - TYPE 'L' COPPER
    ABOVE GRADE WASTE, STORM AND VENT PIPING - CAST IRON
    BELOW GRADE WASTE, STORM AND VENT PIPING SCH. 40 PVC
    CONDENSATE DRAIN PIPING - TYPE 'L' COPPER
17. PROVIDE / INSTALL INSULATION FOR:
    a. HEATING WATER SUPPLY AND RETURN PIPING:
       1" THICK FOR PIPE SIZES UP TO AND INCLUDING 1½".
       2" THICK FOR PIPE SIZES 2" AND LARGER.
    b. DOMESTIC HOT WATER PIPING:
       1" THICK FOR ALL PIPE SIZES.
    c. DOMESTIC COLD WATER PIPING:
       ½" THICK FOR PIPE SIZES ½" TO 6".
18. INSULATE PIPING WITH FIBERGLASS PIPE COVERING WITH ALL SERVICE JACKET AND SELF-CAP SEAL. FITTINGS SHALL BE MITERED PIPING COVERING OF GLASS FIBER MOLDED FITTINGS FOR USE IN A RETURN AIR PLENUM. THERMAL CONDUCTIVITY SHALL BE A MAXIMUM OF .25/INCH THICKNESS AT 75°F. EACH TRADE IS RESPONSIBLE FOR THEIR OWN FIRE CAULKING.
19. M.C. MUST PROVIDE AND INSTALL ALL ACCESS DOORS FOR VAV's, VALVES, FLOW METERS, ETC. COORDINATE LOCATION WITH GENERAL CONTRACTOR.
20. ALL TAKE-OFFS THROUGHOUT THE ENTIRE BUILDING SHALL BE HIGH EFFICIENCY TAKE-OFFS (HET's). NO EXCEPTIONS TAKEN.
21. ALL RETURN AIR GRILLES SHALL HAVE SOUND BOOTS W/ LINED INSULATION. INSULATION IS TO BE PAINTED FLAT BLACK.
22. ALL DUCTWORK IS TO BE INSTALLED AS HIGH UP AS POSSIBLE. ALL DUCTWORK MUST BE INSTALLED NO LOWER THAN 12" FROM WHERE IT IS BEING SUPPORTED OR SEISMIC BRACING WILL BE REQUIRED. IF DUCTWORK IS INSTALLED BELOW 12" FROM WHERE IT IS SUPPORTED, IT IS THE MECHANICAL CONTRACTOR'S RESPONSIBILITY TO HAVE SEISMIC SUPPORTS ENGINEERED FOR THE JOB BY A LICENSED ENGINEER.
23. SEISMACALLY BRACED EQUIPMENT, DUCTWORK AND PIPING PUER THE REQUIREMENTS OF THE LATEST ADOPTED EDITION OF THE BUILDING CODE. SEISMIC SUBMITTALS WILL BE REQUIRED. THE SUBMITTALS WILL NEED TO INCLUDE CALCULATIONS AND DETAILS FOR SUPPORTS AND ANCHORING EQUIPMENT, PIPING AND DUCTWORK. THE SUBMITTALS WILL NEED TO BE STAMPED AND SIGNED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH.
24. INSTALL NEW BUILDING MANAGEMENT SYSTEM (BMS) FOR NEW MECHANICAL ITEMS. ALL EXISTING THERMOSTATS (T-STAT) ON LEVEL 4 OF THE BUILDING SHALL BE REPLACED AND CONNECTED TO NEW BMS SYSTEM. REFER TO ATKINSON SYSTEMS FOR CONTROLS.
25. ALL THERMOSTAT LOCATIONS ON THE PLANS SHALL COORDINATED WITH FURNITURE PLANS AND VERIFIED WITH OWNER PRIOR TO ROUGH IN. IF THERMOSTAT NEEDS TO BE INSTALLED IN A LOCATION OTHER THAN SHOWN ON THE PLANS, THIS CONTRACTOR SHALL MAKE ADJUSTMENTS AT NO ADDITIONAL COST. ALL T-STATS MUST BE MOUNTED AT 48" A.F.F. TO THE TOP OF THE STAT AND BE 7 DAY PROGRAMMABLE.
26. _____ INDICATES EXISTING OR FUTURE. _____ INDICATES NEW MATERIAL. IF THERE ARE ANY DISCREPANCIES AS TO WHAT IS NEW AND WHAT IS EXISTING, CONTRACTOR IS TO CONTACT THE ARCHITECT AND/OR MECHANICAL ENGINEER. THE EXISTING SHELL DOCUMENTS ARE AVAILABLE THROUGH THE ARCHITECT. ADDITIONAL COSTS WILL NOT BE TOLERATED FOR THE CONTRACTORS FAILURE TO BECOME FAMILIAR WITH EXISTING SHELL AND SITE CONDITIONS.
27. PROVIDE AND INSTALL PIPE IDENTIFICATION ON NEW PIPING WITH SEMI-RIGID PLASTIC IDENTIFICATION MARKERS WITH FLOW DIRECTION ARROWS AND SERVICE DESIGNATION. MATCH EXISTING BUILDING STANDARDS.
28. REPAIR AND OR REPLACE ANY BUILDING COMPONENT DAMAGED AND NOT SCHEDULED TO BE DEMOLISHED WHILE PERFORMING THIS WORK. RESTORE FINISHES OF ANY PATCHED AREAS.
29. MECHANICAL CONTRACTOR IS TO COORDINATE WITH ELECTRICAL ON SIZE/QUANITY OF MOTORISED DAMPERS. I.E. FIRE/SMOKE DAMPERS, FIRE DAMPERS, MOTORIZED DAMPERS, ETC.
30. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK BETWEEN TRADES. BECOME FAMILIAR AND EXAMINE ALL DRAWINGS AND SPECIFICATIONS TO BECOME AWARE OF THE WORK REQUIRED AND RELATIONSHIP WITH OTHER TRADES. IF DISCREPANCIES BETWEEN DRAWINGS, AND SPECIFICATIONS OR OMMISIONS FROM THE DOCUMENTS ARE FOUND NOTIFY THE ENGINEER FOR RESOLUTION IMMEDIATELY PRIOR TO THE COMMENCEMENT OF WORK. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR THE FAILURE TO REVIEW THE CONTRACT DOCUMENTS AND COORDINATE WITH OTHER TRADES.

DIFFUSERS & GRILLE SCHEDULE

GRILLE NUMBER — GRILLE CFM

PLAN CODE	TYPE & DUTY	NECK SIZE	CEILING TYPE	N.C. LEVEL MAX	MAX. CFM	MANUFACTURER & MODEL NO.	REMARKS
1	24" x 24" SQ. SUPPLY	8"Ø	See Plans	29	225	AIR DIFFUSION PRODUCTS DNR	ADAPTER AND OBD WHERE APPLICABLE
2	24" x 24" SQ. SUPPLY	10"Ø	See Plans	30	355	AIR DIFFUSION PRODUCTS DNR	ADAPTER AND OBD WHERE APPLICABLE
3	24" x 24" SQ. SUPPLY	12"Ø	See Plans	30	510	AIR DIFFUSION PRODUCTS DNR	ADAPTER AND OBD WHERE APPLICABLE
4	24" x 24" SQ. SUPPLY	14"Ø	See Plans	30	705	AIR DIFFUSION PRODUCTS DNR	ADAPTER AND OBD WHERE APPLICABLE
5	12" x 24" PERF. RETURN	10" x 22"	See Plans	-	625	PRICE PDR SERIES	PROVIDE ROUND DUCT CONNECTION AND OBD WHERE APPLICABLE
6	24" x 24" PERF. RETURN	22" x 22"	See Plans	-	1350	PRICE PDR SERIES	PROVIDE ROUND DUCT CONNECTION AND OBD WHERE APPLICABLE
7	SLOT CEILING SUPPLY - 24"	8"Ø	See Plans	32	225	PRICE SDS SERIES	ALUMINUM CONSTRUCTION, (2) 1" SLOTS X 24" LENGTH
8	SLOT CEILING SUPPLY - 24"	10"Ø	See Plans	32	275	PRICE SDS SERIES	ALUMINUM CONSTRUCTION, (2) 1" SLOTS X 24" LENGTH

- PROVIDE WITH OBD AND SQUARE TO ROUND ADAPTER WHERE APPLICABLE.

PLUMBING FIXTURE CONNECTION SCHEDULE

PLAN CODE	DESCRIPTION	CONNECTION SIZE COLD WATER	HOT WATER	WASTE	VENT	SPECIFICATIONS
FCO-1	FLOOR CLEANOUT	N/A	N/A	SEE PLANS	N/A	J. R. SMITH 4100 SERIES
FS-1	FLOOR SINK	N/A	N/A	SEE PLANS	N/A	J. R. SMITH 3140-12-Y W/ NICKEL-BRONZE TOP/ ½ GRATE PROVIDE W/ PRO VENT TP5630-F-P TRAP GUARD. (# BEING THE SIZE OF DRAIN (PIPE SIZE))
L-1	LAVATORY	1/2"	1/2"	2"	1-1/2"	KOHLER: K-2882 VERTICYL UNDERMOUNT SINK FAUCET: LACAVA ZOOM EXI - CHROME PAIR FAUCET WITH MATCHING SOAP DISPENSER
U-1	URINAL	3/4"	N/A	2"	1-1/2"	KOHLER: STEWARD K-5244-ET FLUSH VALVE: ZURN-ZER6000SAV-ULF-CCP (1.28GPF) ADA WHEN INSTALLED AT PROPER HEIGHT. SEE ARCH.
WC-1	WATER CLOSET (ADA ACCESSIBLE)	1"	N/A	4"	2"	TOILET: ZURN - Z5615-BWL-AM, WALL MOUNTED, ELONGATED W/ SEAT FLUSH VALVE: ZURN - ZER6000AV-HET-CPM DC POWERED (1.28 GPF)
WC-2	WATER CLOSET	1"	N/A	4"	2"	TOILET: ZURN - Z5615-BWL-AM, WALL MOUNTED, ELONGATED W/ SEAT FLUSH VALVE: ZURN - ZER6000AV-HET-CPM DC POWERED (1.28 GPF)
WCO-1	WALL CLEAN OUT	N/A	N/A	SEE PLANS	N/A	J. R. SMITH 4530
IMB	ICE MAKER BOX	½"	N/A	N/A	N/A	OATEY: ICE MAKER BOX WITH QUARTER TURN VALVE AND HAMMER ARRESTOR
CV-1	BACK-FLOW CHECK VALVE	SEE PLANS	N/A	N/A	N/A	WATTS: 5D-3 DISCHARGE WASTE / VENT INDIRECTLY TO NEAREST FIXTURE NO COPPER PIPING DOWNSTREAM OF DEVICE ASSE 1012 APPROVED DUAL CHECK WITH ATMOSPHERIC VENT
BFS-1	BOTTLE FILLING STATION	1/2"	N/A	1-1/2"	1-1/2"	ELKAY EMABFWS-RF. RETROFIT BOTTLE FILLING STATION. WALL MOUNTED WITH NEW TOP FOR EXISTING ELECTRIC WATER COOLER.
S-1	SINK S.S. (ADA COMPLIANT)	1/2"	1/2"	1-1/2"	1-1/2"	SINK: JUST MODEL #J-2131-A-GR W/ JB-99 DRAINS, FAUCET: JUF-2101, PROVIDE W/ STOPS, TRAP, AND SUPPLIES. PROVIDE WITH POWERS HYDROGUARD SERIES 491 MIXING VALVE.

NOTE: FOR ALL ADA COMPLIANT SINKS / LAVS CONTRACTOR NEEDS TO PROVIDE / INSTALL TRAP GUARDS FOR ALL EXPOSED TRAPS AND SUPPLY LINES.

NOTE: ALL PLUMBING SUPPLY LINE STOPS ARE TO BE INSTALL HORIZONTALLY THROUGH A VERTICAL WALL DIRECTLY BEHIND OR TO THE SIDE OF THE PLUMBING FIXTURE. INSTALLING STOPS VERTICALLY AT THE FLOOR LEVEL OR AT THE BOTTOM OF CABINETS IS NOT ALLOWED.

NOTE: ALL PLUMBING FIXTURES ARE TO HAVE ¼ TURN STOPS INSTALLED (NO EXCEPTIONS TAKEN). ALL PLUMBING FIXTURES THAT HAVE EXPOSED SUPPLY LINES I.E., WATER CLOSETS, WALL HUNG LAVS, ETC., CONTRACTOR IS TO PROVIDE / INSTALL STAINLESS STEEL BRAIDED HOSES. IF THE SUPPLY LINES ARE NOT EXPOSED (HIDDEN BELOW CASEWORK ETC.), THEY CAN BE PLASTIC, RIGID, OR STAINLESS STEEL BRAIDED.

VAV DEVICE WITH REHEAT COIL SCHEDULE

PLAN CODE	MANUFACTURER & MODEL NO.	MAX. CFM #	WIDE OPEN S.P.	INLET SIZE	OUTLET SIZE W X H	MAX. N.C.@ 1.0" S.P.	DIMENSIONS L	W	H	COIL ROWS	GPM	CONN. SIZE	ΔPd (in.)	ΔPD (ft.)	MBH	COMMENTS
AR	METAL AIRE 506TH - 2	350	Ø.29	6"Ø	12" x 8"	16	21¾"	12"	8"	2	2.0	¾"	Ø.21	Ø.09	13.2	PROVIDE COIL ACCESS DOOR
BR	METAL AIRE 508TH - 2	700	Ø.51	8"Ø	12" x 10"	21	21¾"	12"	10"	2	2.0	¾"	Ø.41	Ø.61	26.4	PROVIDE COIL ACCESS DOOR
CR	METAL AIRE 510TH - 2	1100	Ø.65	10"Ø	14" x 12½"	21	21¾"	14"	12½"	2	2.0	1"	Ø.55	1.89	41.4	PROVIDE COIL ACCESS DOOR
DR	METAL AIRE 512TH - 2	1700	Ø.65	12"Ø	16" x 15"	22	21¾"	16"	15"	2	3.0	1"	Ø.54	2.85	64.0	PROVIDE COIL ACCESS DOOR
ER	METAL AIRE 514TH - 2	2400	Ø.66	14"Ø	20" x 17½"	29	21¾"	20"	17½"	2	3.0	1"	Ø.54	4.56	90.4	PROVIDE COIL ACCESS DOOR
FR	METAL AIRE 516TH - 2	3200	Ø.77	16"Ø	24" x 18"	28	21¾"	24"	18"	2	3.0	1"	Ø.64	10.32	120.5	PROVIDE COIL ACCESS DOOR

MAXIMUM CFM TO BE SET AT VALUE SHOWN ON PLAN NEXT TO BOX THUS:
MINIMUM CFM TO BE SET AT VALUE SHOWN ON PLAN NEXT TO BOX.
PERFORMANCE BASED UPON ARI 885-98.
BASED ON EAT=55°F, LAT=90°F, EWT=180°F, LWT=160°F.

BOX SIZE / HW GPM — BOX No. / CFM / MIN. CFM

ELECTRIC WATER HEATER SCHEDULE EWH-

PLAN CODE	CAP (GAL.)	INPUT (KW)	TEMP RISE (°F)	RECOVERY RATE (GPH)	DIMENSIONS DIA. (IN.)	HEIGHT (IN.)	VOLT & PHASE	OPER. WT.	MANUFACTURER & MODEL NO.	REMARKS
EWH-1	6.0	5.0	100	21	14" (WIDTH)	16.5"	208/1	85	A.O. SMITH DURA-POWER - DEL-6	1 YEAR WARRANTY

PLAN CODE	RATED (GPM)	ELECTRICAL VOLTS	CURRENT AMPS	OUTPUT (KW)	TEMP RISE (°F)	DIMENSIONS WIDTH (IN.)	DEPTH (IN.)	HEIGHT (IN.)	OPER. WT. (LB.)	MANUFACTURER & MODEL NO.	REMARKS
EWH-2	1.0	208/1	33	8.0	55	6"	7"	16"	8	A.O. SMITH RPVR-80E	1 YEAR WARRANTY

AIR CONDITIONING UNIT RCU- / MSU-

PLAN CODE	AREA SERVED	INDOOR / OUTDOOR UNIT	WEIGHT (LBS.)	COOLING CAPACITY (MBH)	HEATING CAPACITY (MBH)	ELECTRICAL DATA MCA INDOOR / OUTDOOR	MOP INDOOR / OUTDOOR	VOLTAGE / PHASE	MIN EER/ SEER	UNIT DIMENSIONS W (IN.)	D (IN.)	H (IN.)	MANUFACTURER & MODEL NO.	REMARKS
MSU-1	ELEVATOR EQUIPMENT ROOM	INDOOR AC	48 LBS	33.0	35.2	1.0	-	208V / 1 INDOOR UNIT POWERED FROM OUTDOOR UNIT	8.18/17.5	46.1"	11"	14"	LG L9N363HLV	INSTALL WITH CONDENSATE PUMP, ROUTE CONDENSATE TO NEAREST DRAIN. PROVIDE WITH LOW AMBIENT WIND BAFFLE KIT
RCU-1		ROOFTOP CONDENSER	218 LBS			19	30			38"	15"	32"	LG L8U363HLV	

NOTES:
ALL REFRIGERATION PIPING TO BE INSTALLED WITH HARD DRAWN TYPE "L" COPPER TUBING
ALL SUCTION PIPING SHALL BE INSULATED WITH ARMAFLEX INSTUATION AND SEALED WITH ARMAFLEX GLUE. NO TAPE WILL BE ALLOWED
UPSIZE REFRIGERATION LINE SETS IF PIPING LENGTH EXCEEDS 100'
PROVIDE WITH LOW AMBIENT KIT.
PROVIDE MIRO CONDENSER PLATFORM OR EQUAL.
POWER FOR THE INDOOR AC UNIT ARE FED FROM THE OUTDOOR RCU UNIT.

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G. Joshua Elliott — Registered — 8350264 — Professional Engineer — State of Utah

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CLIENT NUMBER: 19140
DATE: 2019 DEC. 10

INTERMOUNTAIN - SHC 3RD FLOOR REMODEL

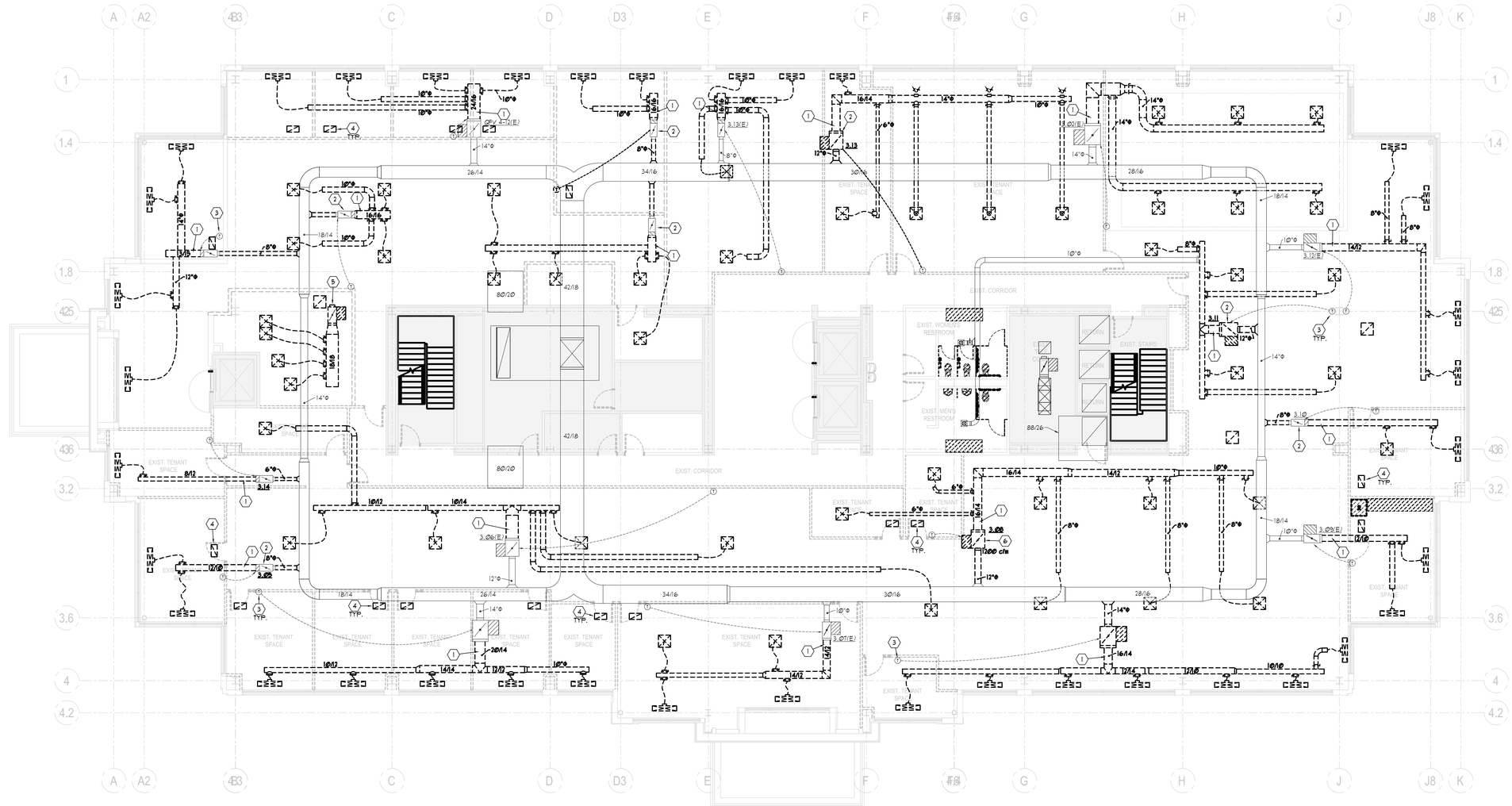
INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

MECHANICAL - GENERAL NOTES AND SCHEDULES

M001

12/20/2019 4:05:55 PM



1 M103 MECHANICAL - 3RD FLOOR DEMO PLAN

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

6' 0 4' 8' 12' 16'

GENERAL NOTES

1. FIELD VERIFY ALL EXISTING CONDITIONS AND COORDINATE WORK WITH ALL OTHER TRADES. COORDINATE ALL EXISTING STRUCTURAL CONDITIONS AND INSURE ROUTING OF NEW MECHANICAL SYSTEMS AVOID CONFLICTS WITH EXISTING CONDITIONS AND NEW CONSTRUCTION.
2. CONTRACTOR TO MEASURE EXISTING AIR HANDLER AIR FLOWRATES AND AHU DIMENSIONS. BALANCE NEW AHU TO LISTED SCHEDULED RATINGS.
3. EXISTING AND NEW DUCT ROUTING TO BE IN THE CEILING SPACE ABOVE LAY-IN CEILING.

KEYNOTES

1. REMOVE EXISTING DIFFUSERS AND DUCTWORK ASSOCIATED WITH DIFFUSERS. REMOVE ALL DUCTWORK BACK TO THE VAV BOX. VAV BOXES TO REMAIN AND BE RE-BALANCED BASED ON NEW FLOOR LAYOUT.
2. REMOVE EXISTING VAV BOX AND CAP DUCTWORK BACK TO MEDIUM PRESSURE LOOP.
3. REMOVE EXISTING THERMOSTAT FOR REPLACEMENT OF NEW THERMOSTAT. TYPICAL.
4. REMOVE EXISTING RETURN AIR GRILL AND SOUND BOOT FOR NEW CEILING LAYOUT. TYPICAL.
5. REMOVE EXISTING YORK SPLIT SYSTEM AND ALL ASSOCIATED DUCTWORK AND DIFFUSERS.
6. REMOVE EXISTING VAV BOX. PRESERVE FOR RE-USE. SEE M2Ø3 FOR NEW LOCATION OF VAV BOX.

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INTERMOUNTAIN - SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

MECHANICAL - 3RD FLOOR DEMO PLAN

M103

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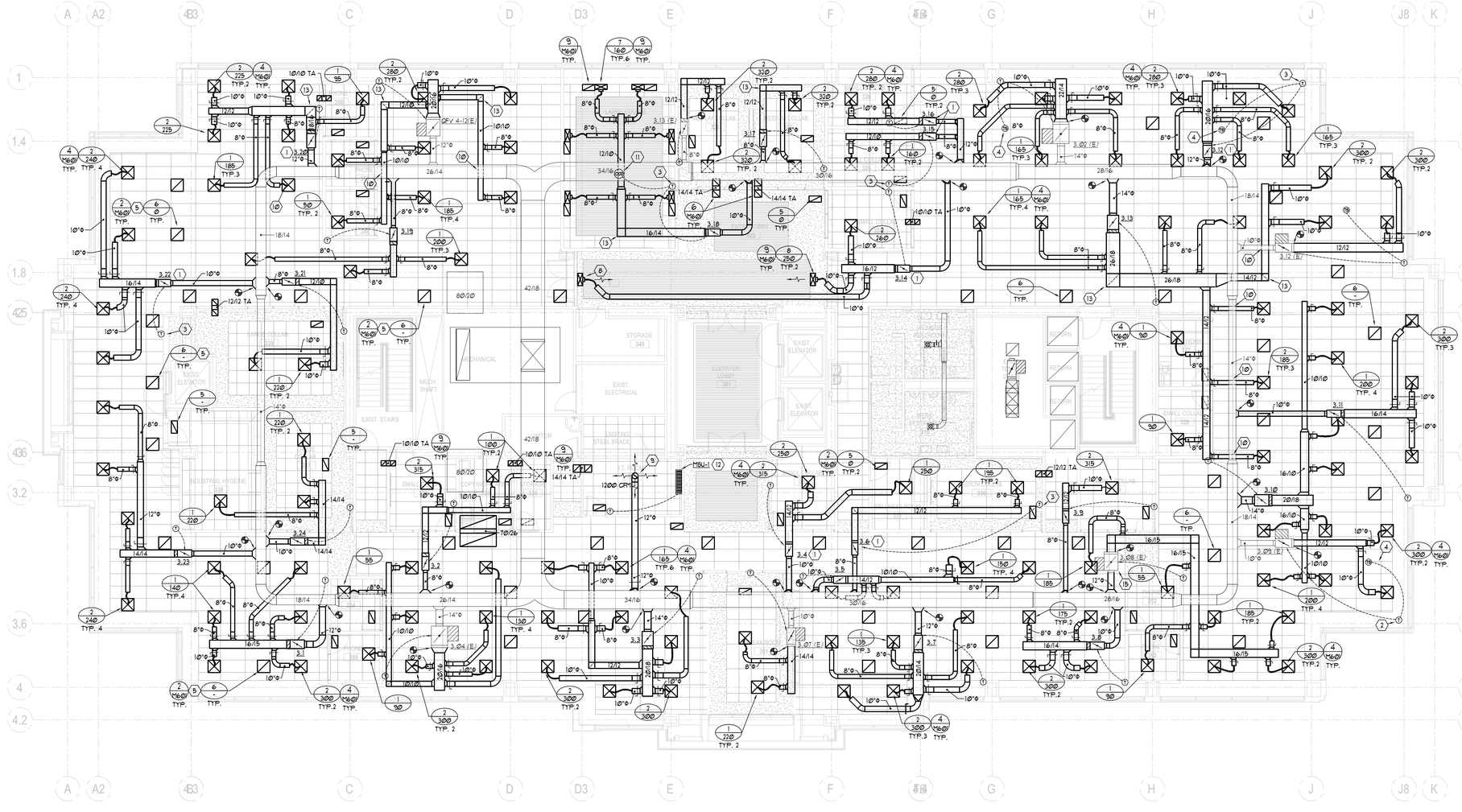

MECHANICAL - 3RD FLOOR MECH PLAN

M203

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

0' 4' 8' 12' 16'

NEW VAV BOXES

3.1 DR 1160 3.0 360	3.2 CR 515 2.0 200	3.3 ER 1890 3.0 380
3.4 CR 500 2.0 150	3.5 CR 600 2.0 120	3.6 BR 390 2.0 100
3.7 DR 1305 3.0 265	3.8 CR 950 2.0 200	3.9 BR 315 2.0 135
3.10 ER 1600 3.0 320	3.11 CR 900 2.0 180	3.12 DR 1335 3.0 270
3.13 ER 1995 3.0 400	3.14 CR 760 2.0 160	3.15 BR 320 2.0 100
3.16 BR 560 2.0 115	3.17 BR 640 2.0 130	3.18 CR 960 2.0 195
3.19 BR 600 2.0 120	3.20 DR 1525 3.0 270	3.21 BR 440 2.0 110
3.22 CR 960 2.0 195	3.23 CR 960 2.0 195	3.24 CR 660 2.0 135

EXISTING VAV BOXES - RE-BALANCE

3.02(E) (EX) 1335 3.0 270	3.04(E) (EX) 1265 3.0 255	3.07(E) (EX) 440 2.0 110
3.08(E) (EX) 1300 3.0 260	3.09(E) (EX) 600 2.0 120	3.12(E) (EX) 600 2.0 120
3.13(E) (EX) 640 2.0 130	4-12(E) (EX) 1400 3.0 280	

GENERAL NOTES

1. FIELD VERIFY ALL EXISTING CONDITIONS AND COORDINATE WORK WITH ALL OTHER TRADES. COORDINATE ALL EXISTING STRUCTURAL CONDITIONS AND INSURE ROUTING OF NEW MECHANICAL SYSTEMS AVOID CONFLICTS WITH EXISTING CONDITIONS AND NEW CONSTRUCTION.
2. CONTRACTOR TO MEASURE EXISTING AIR HANDLER AIR FLOURATES AND AHU DIMENSIONS. BALANCE AHU TO NEW AIRFLOW RATE REQUIREMENTS.
3. ALL EXPOSED DUCTWORK OR DUCTWORK ABOVE GYP. CEILINGS, GRILLS SHALL BE HARD DUCTED.
4. USE YOUND GEAR TYPE BALANCING REGULATORS ABOVE ALL GYP. BOARD CEILINGS.
5. ALL MEDIUM PRESSURE DUCTWORK SHALL BE HELD TIGHT TO THE BOTTOM OF STRUCTURE. OFFSET AND TRANSITION AS REQUIRED.
6. OFFSET AND TRANSITION ALL DUCTWORK AND PIPING AS REQUIRED.
7. ALL VALVES SHALL BE LOCATED ABOVE ACCESSIBLE CEILINGS.
8. PROVIDE ACCESS PANELS AS REQUIRED.
9. CONTRACTOR TO COORDINATE ALL FINAL LOCATIONS OF T-STAT'S WITH OWNER AND ARCHITECT.
10. CONTRACTOR TO COORDINATE GRILLS WITH REFLECTED CEILING GRID.
11. REFER TO ALL M6.- DETAIL SHEETS FOR INSTALLATION DETAILS. ALL DETAILS ARE NOT CALLED OUT AND DETAIL SHEETS SHOULD BE FOLLOWED FOR ALL INSTALLATION PURPOSES.
12. INSTALL NEW BUILDING MANAGEMENT SYSTEM (BMS). ALL EXISTING THERMOSTATS (T-STAT) ON LEVEL 4 OF THE BUILDING SHALL BE REPLACED AND CONNECTED TO NEW BMS SYSTEM.

KEYNOTES

1. PROVIDE AND INSTALL NEW VAV RE-HEAT BOXES AS CALLED FOR. PROVIDE ACTUATED VALVE CIRCUIT SETTERS, AND ISOLATION VALVES FOR NEW VAV BOXES. CONTRACTOR TO PROVIDE AND INSTALL ANY/ALL SEISMIC RESTRAINTS AS CALLED FOR PER CONTRACTORS PROFESSIONAL STRUCTURAL ENGINEER. PROVIDE AND INSTALL NEW HET'S ON MEDIUM PRESSURE DUCTWORK TO VAV BOXES.
2. REPLACE EXISTING T-STAT WITH NEW T-STAT AND PLACE AT LOCATION SHOWN. ALL T-STATS TO COMMUNICATE TO NEW BMS SYSTEM. PROVIDE NEW PLENUM RATED T-STAT WIRING. (TYPICAL).
3. PROVIDE AND INSTALL NEW T-STAT AND COMMUNICATE TO NEW BMS SYSTEM.
4. PROVIDE TEMPERATURE SENSOR (TS) AND MOUNT TO CEILING IN SHOWN LOCATION. WIRE TS TO T-STAT AND SO THAT TS READS TEMPERATURE OF THE SPACE.
5. PROVIDE SOUND BOOT (PAINT FLAT BLACK INSIDE DUCTWORK) ON ALL RETURN AIR GRILLS. (TYPICAL).
6. RE-BALANCE EXISTING VAV BOX TO NEW CFM'S CALLED FOR ON THE VAV SCHEDULE.
7. COORDINATE WITH ARCH'S AND ELECTRICAL'S LIGHTING LAYOUT FOR FINAL PLACEMENT OF GRILLS. PROVIDE ANY/ALL MODIFICATIONS. (TYPICAL).
8. INSURE THAT SLOT DIFFUSER VAINS ARE TURNED INWARDS TO DIRECT THE AIRFLOW INWARD TOWARDS THE SPACE.
9. PROVIDE AN 8" DUCT DROP TO IT ROOM FROM MEDIUM PRESSURE LOOP. BALANCE AIR FLOW TO 400 CFM.
10. ROUTE LOW PRESSURE SUPPLY DUCTWORK BELOW MEDIUM PRESSURE DUCTWORK. PROVIDE TRANSITIONS AND FITTINGS AS REQUIRED. TYPICAL.
11. PROVIDE CO2 SENSOR FOR VENTILATION PURPOSES. INCREASE AIR FLOW TO SPACE IF CO2 LEVELS INCREASE PAST 600 PPM.
12. MOUNT MSU AT 7' A.F.F
13. PROVIDE TURNING VANES ON RECTANGULAR ELBOWS. TYPICAL.
14. PROVIDE ACCESS PANEL AS NEEDED FOR SERVICE OF UNIT.
15. RELOCATE EXISTING VAV BOX TO LOCATION SHOWN.

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INTERMOUNTAIN - SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

MECHANICAL - 3RD FLOOR MECH PLAN

M203

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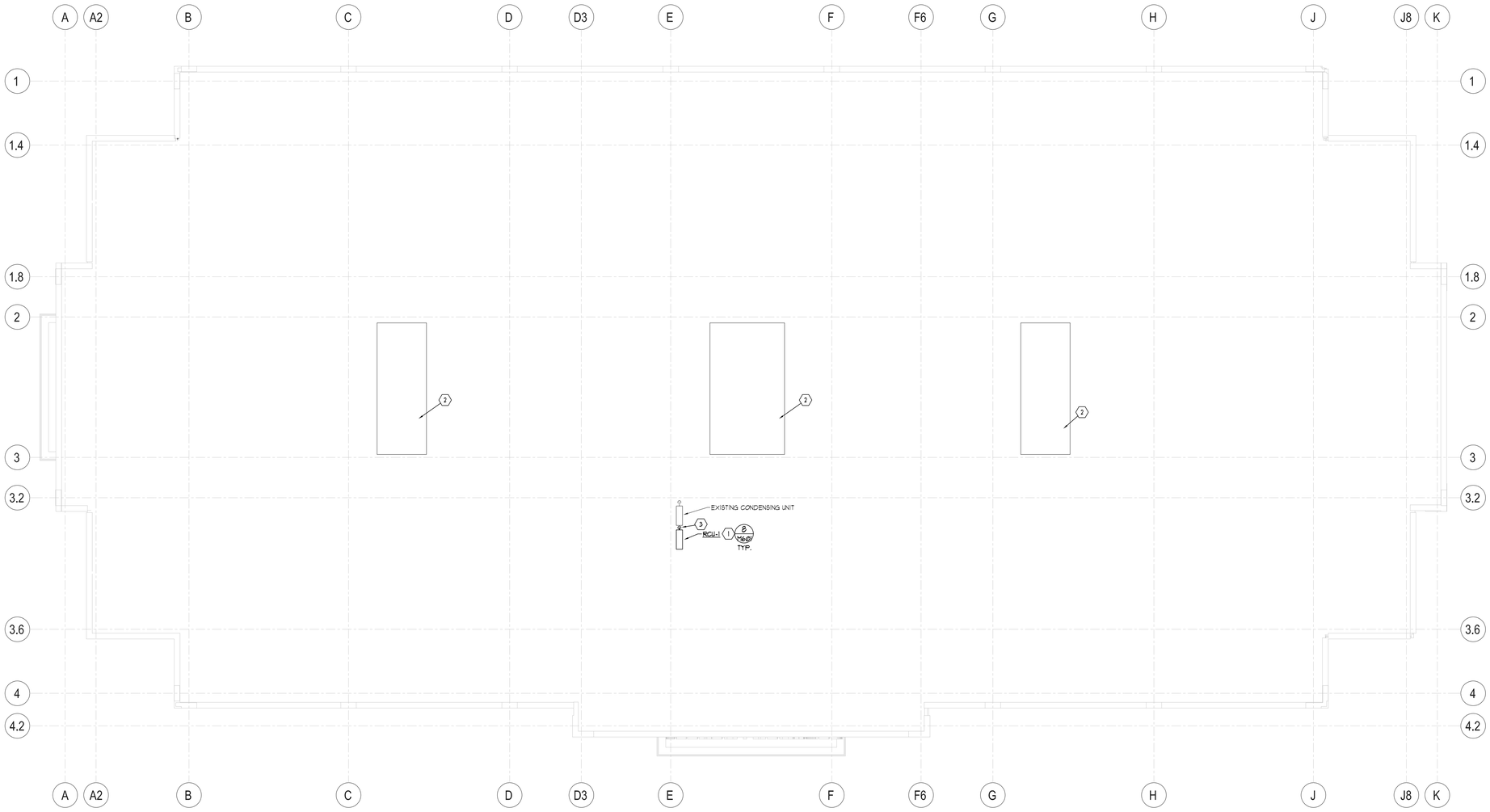

MECHANICAL - ROOF PLAN

M205 SCALE: 1/8" = 1' - 0"

0' 4' 8' 12' 16'

GENERAL NOTES

1. EXISTING EQUIPMENT SHOWN ON ROOF FOR CONTRACTOR REFERENCE. CONTRACTOR IS REQUIRED TO FIELD VERIFY EQUIPMENT AND INSURE NEW EQUIPMENT ROUTING DOES NOT INTERFERE WITH EXISTING EQUIPMENT.
2. REFERENCE MECHANICAL FLOOR PLAN FOR CONTINUATION OF REFRIGERANT PIPING.

KEYNOTES

1. OUTDOOR UNIT FOR MSU-1 TO BE MOUNTED TO CONDENSER CURB. ROUTE REFRIGERANT PIPING NEXT TO THE SIDE OF THE CONDENSER CURB.
2. EXISTING MECHANICAL ROOF EQUIPMENT SHOWN FOR REFERENCE. CONTRACTOR TO FIELD VERIFY THE LOCATION OF THE EQUIPMENT AND INSURE THAT NEW CONDENSER UNIT IS PLACED A MIN OF 5 FT AWAY FROM EXISTING EQUIPMENT.
3. REFERENCE MECHANICAL FLOOR PLAN (M103) FOR CONTINUATION OF REFRIGERANT PIPING TO MSU UNIT.

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INTERMOUNTAIN - SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

MECHANICAL - ROOF PLAN

M205

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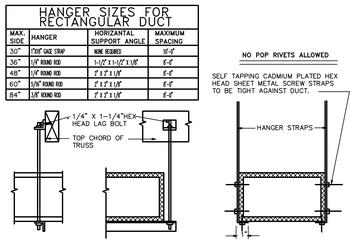
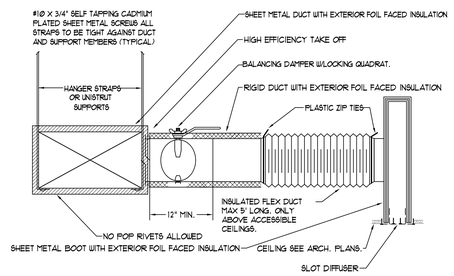


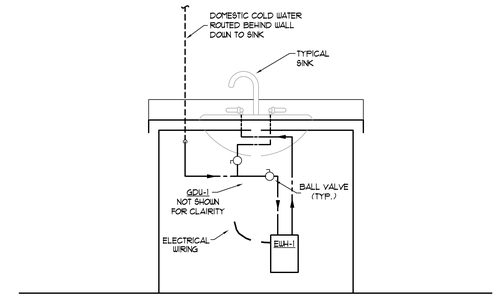
13 M601 DUCT STRAP HANGER DETAIL

SCALE: NTS



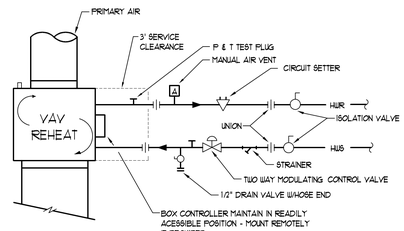
9 M601 DIFFUSER MOUNTING DETAIL (SLOT)

SCALE: NTS



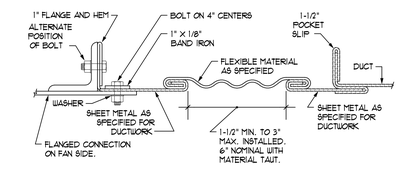
5 M601 ELECTRIC WATER HEATER-WELLNESS ROOM PIPING DETAIL

SCALE: NTS



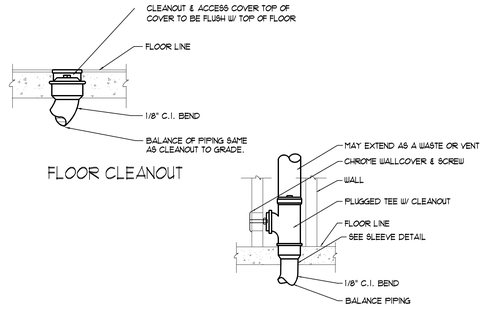
1 M601 VAV REHEAT TERMINAL PIPING DETAIL

SCALE: NTS



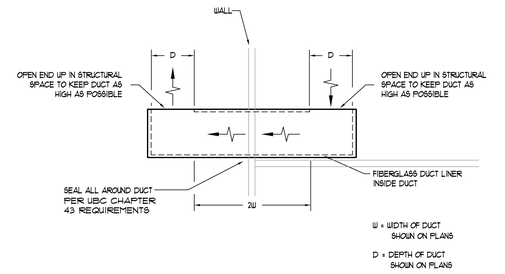
14 M601 RETANGULAR FLEXIBLE CONNECTION DETAIL

SCALE: NTS



10 M601 CLEANOUT DETAIL

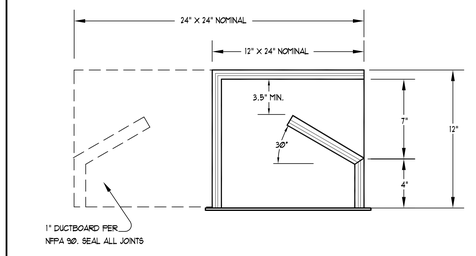
SCALE: NTS



6 M601 TRANSFER AIR DUCT DETAIL

SCALE: NTS

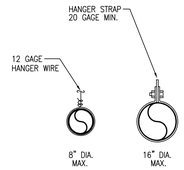
PVED-TRANAIR



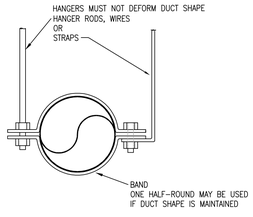
TYPICAL OF ALL RETURN AIR GRILLES

2 M601 RETURN AIR GRILLE SOUND BOOT DETAIL

SCALE: NTS



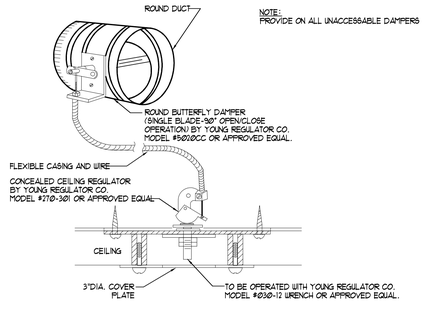
REFERENCE:
LATEST EDITION OF SMACNA HVAC DUCT CONSTRUCTION STANDARDS.
LOWER HANGER ATTACHMENTS FIGURE



MINIMUM HANGER SIZE FOR ROUND DUCT				
DIAMETER	MAXIMUM SPACING	WIRE DIA.	ROD	STRAP
10" DN	12'	ONE 12 Ga.	1/4"	1"x22 Ga.
11-18"	12'	TWO 12 Ga. OR ONE 8 Ga.	1/4"	1"x20 Ga.
19-24'	12'	TWO 10 Ga.	1/4"	1"x20 Ga.
25-36"	12'	TWO 8 Ga.	3/8"	1"x20 Ga.
37-50"	12'	N/A	TWO 3/8"	TWO 1"x20 Ga.
51-60"	12'	N/A	TWO 3/8"	TWO 1"x18 Ga.
61"-84"	12'	N/A	TWO 3/8"	TWO 1"x16 Ga.

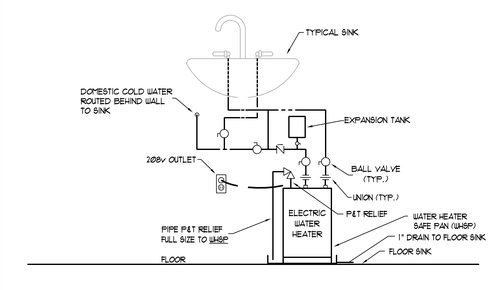
15 M601 ROUND DUCT HANGER DETAIL

SCALE: NTS



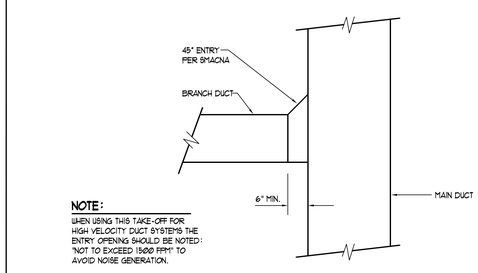
11 M601 DAMPER AND REGULATOR DETAIL

SCALE: NTS



7 M601 ELECTRIC WATER HEATER PIPING - BREAK ROOM DETAIL

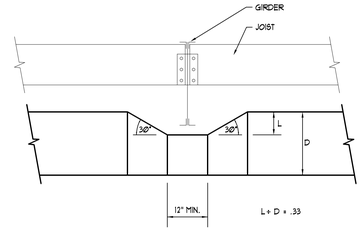
SCALE: NTS



NOTE:
WHEN USING THIS TAKE-OFF FOR HIGH VELOCITY DUCT SYSTEMS THE ENTRY OPENING SHOULD BE NOTED: "NOT TO EXCEED 1500 FPM" TO AVOID NOISE GENERATION.

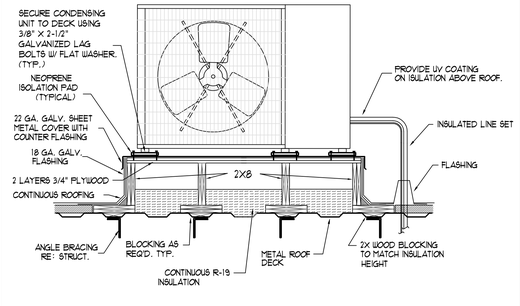
3 M601 TYPICAL DUCT TAKEOFF DETAIL

SCALE: NTS



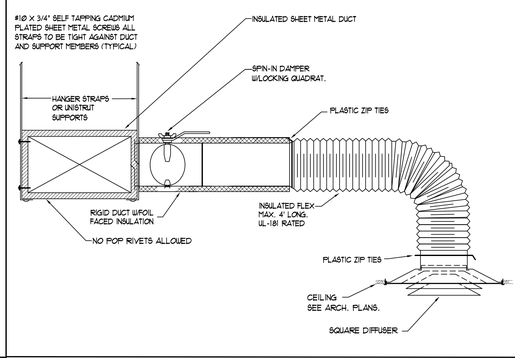
12 M601 DUCT SLICE DETAIL

SCALE: NTS



8 M601 HDC RAISED CONDENSER PAD DETAIL

SCALE: NTS



4 M601 DIFFUSER MOUNTING DETAIL (SQUARE)

SCALE: NTS

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CONSTRUCTION DOCUMENTS (PROGRESS SET)

MECHANICAL DETAILS

M601

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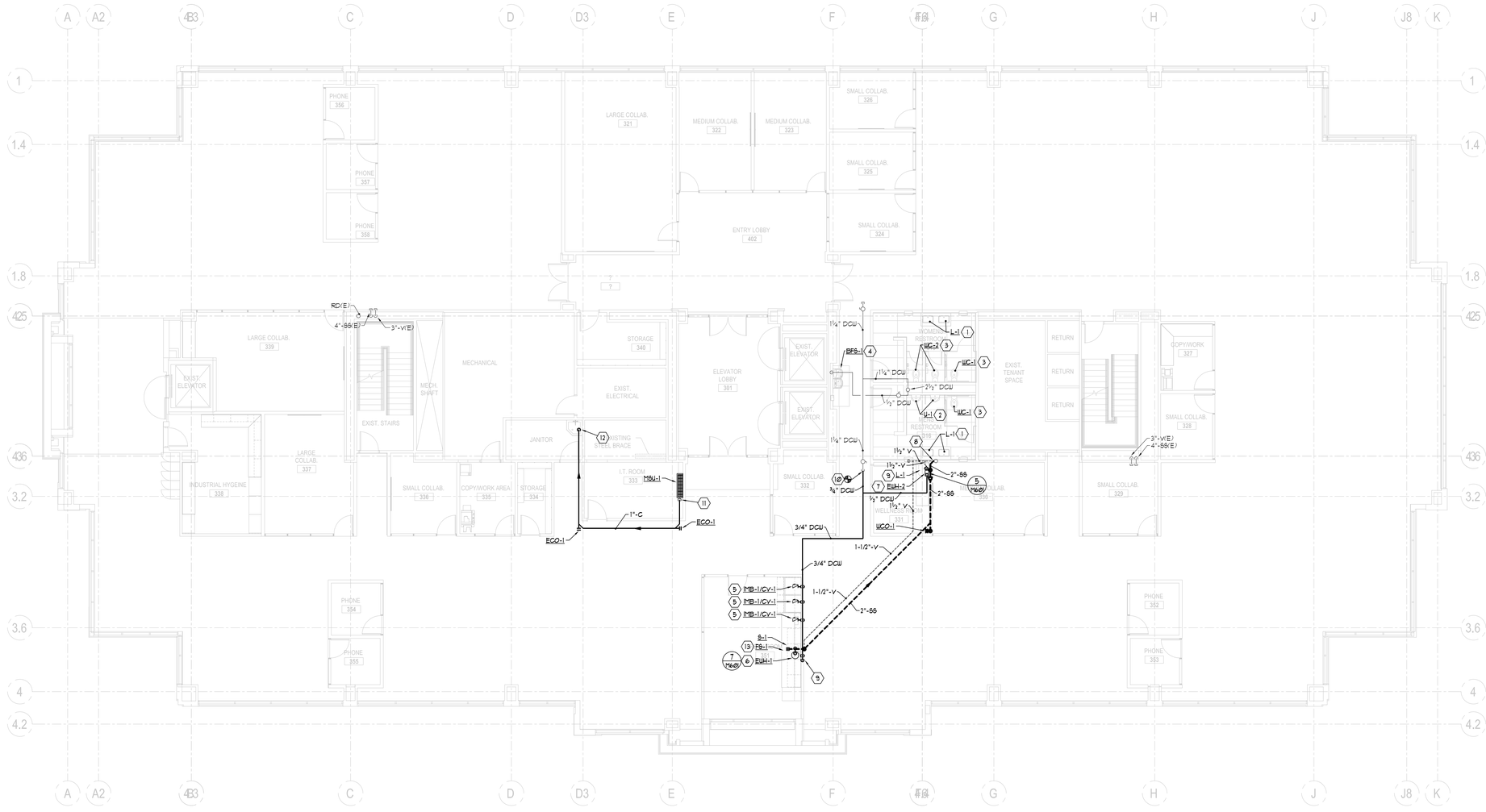

PLUMBING - 3RD FLOOR PLAN

1 / P203

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

6' 0 4' 8' 12' 16'

GENERAL NOTES

1. FIELD VERIFY ALL EXISTING CONDITIONS AND COORDINATE WORK WITH ALL OTHER TRADES. COORDINATE ALL EXISTING STRUCTURAL CONDITIONS AND INSURE ROUTING OF NEW PLUMBING SYSTEMS AVOID CONFLICTS WITH EXISTING CONDITIONS AND NEW CONSTRUCTION.

KEYNOTES

1. REMOVE AND PROVIDE NEW LAVATORY. PROVIDE ALL PIPE AND MOUNTING FITTINGS/TRANSITIONS REQUIRED TO REPLACE LAVATORY.
2. REMOVE AND PROVIDE NEW URINALS. KEEP EXISTING WALL CARRIER TO MOUNT URINAL. PROVIDE ALL PIPE AND MOUNTING FITTINGS/TRANSITIONS REQUIRED TO REPLACE URINALS.
3. REMOVE AND PROVIDE NEW WATER CLOSETS. KEEP EXISTING WALL CARRIER TO MOUNT WATER CLOSETS. PROVIDE ALL PIPE AND MOUNTING FITTINGS/TRANSITIONS REQUIRED TO REPLACE WATER CLOSETS.
4. REPLACE EXISTING ELECTRICAL WATER COOLER TOP WITH NEW BOTTLE FILLING STATION. PROVIDE ALL NECESSARY COLD WATER PIPING AND TIE INTO EXISTING WATER LINES FOR NEW FILLING STATION.
5. PROVIDE 1/2" COLD WATER LINE TO THE ICE MAKER BOX FOR REFRIGERATOR/COFFEE MACHINE. PROVIDE CHECK VALVE IN WALL PRIOR TO ICE MAKER BOX. TYP.
6. INSTALL WATER HEATER UNDERNEATH SINK. PROVIDE EXPANSION TANK AND INSTALL TANK ON COLD WATERSIDE OF WATER HEATER. PROVIDE 1/2" HOT WATER LINE TO BREAK ROOM SINK. ENSURE ALL EQUIPMENT CLEARANCES ARE MEET.
7. INSTALL WATER HEATER UNDERNEATH SINK.PROVIDE 1/2" HOT WATER LINE TO MOTHER'S ROOM SINK. ENSURE ALL EQUIPMENT CLEARANCES ARE MEET.
8. TIE NEW WASTE LINE AND VENT LINE INTO EXISTING WASTE AND VENT MAIN.
9. PROVIDE 1/2" COLD WATER LINE TO SINK. RUN WATER LINE BETWEEN WALL.
10. TIE INTO EXISTING DOMESTIC COLD WATER LINE ABOVE CEILING. PROVIDE SHUT OFF VALVE FOR NEW WATER LINE.
11. ROUTE PUMPED CONDENSATE DRAIN LINE FROM MSU TO EXISTING JANITOR SINK IN JANITORS ROOM. PROVIDE END CLEAN OUTS FOR EVERY 90° CHANGE. SLOPE CONDENSATE DRAIN AT 1/8" / 1FT.
12. CONDENSATE DRAIN LINE TO DROP DOWN WALL AND DISCHARGE INTO EXISTING JANITORS SINK. PROVIDE AIR GAP BETWEEN CONDENSATE DRAIN AND SINK.
13. ADD FLOOR SINK BELOW SINK. PLACE FLOOR SINK HALF WAY BETWEEN THE BREAK ROOM AND UNDERNEATH COUNTER.

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RESERVED FOR CONSULTANT LOGO

RESERVED FOR OFFICIAL

REV	DATE	DESCRIPTION

PVE NUMBER:	19139.00
CLIENT NUMBER:	19140
DATE:	2019 DEC. 10

INTERMOUNTAIN - SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

PLUMBING - 3RD FLOOR PLAN

P203

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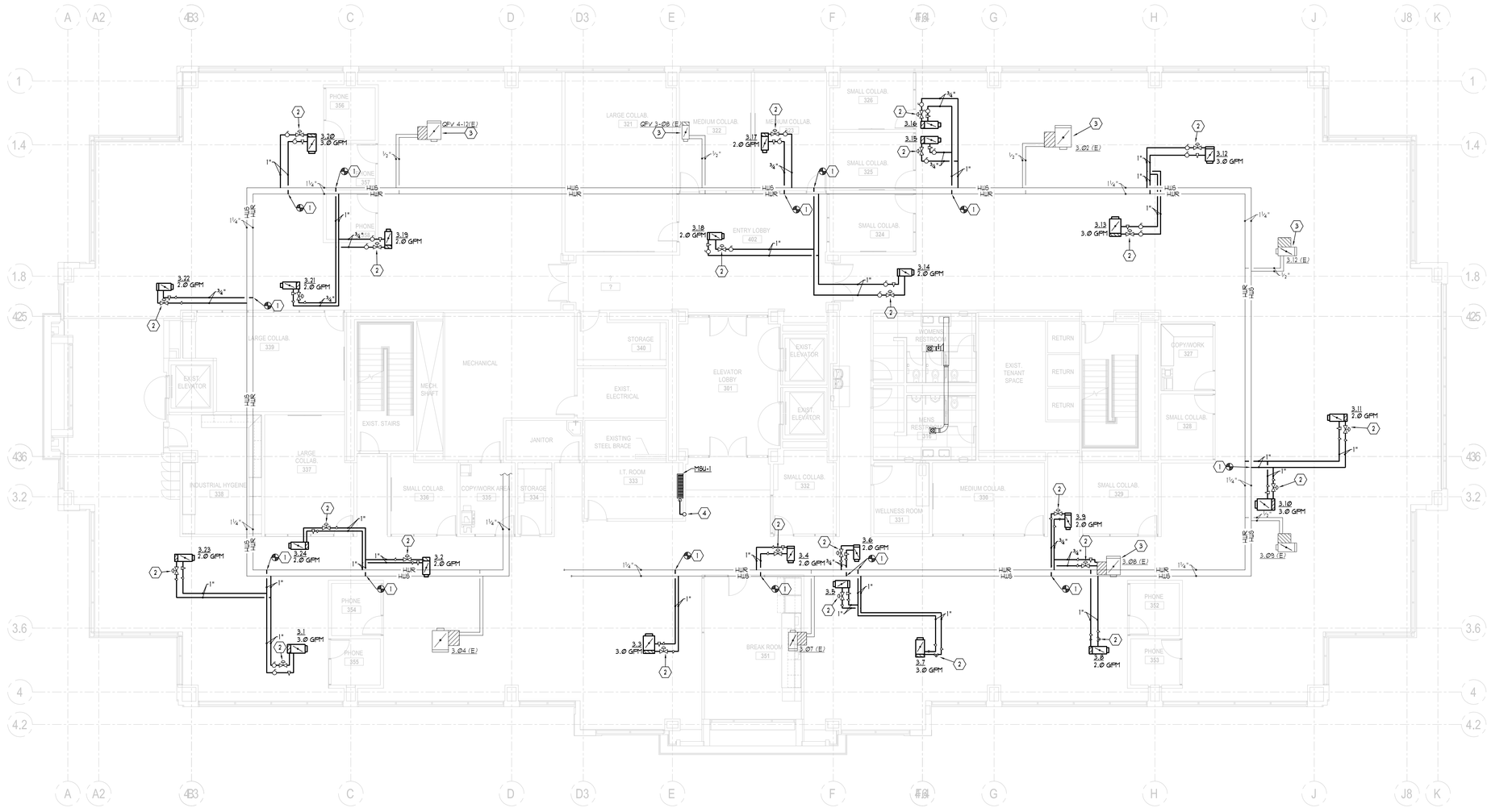

1 UTILITY PIPING - 3RD FLOOR PLAN
UP203

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

6' 0 4' 8' 12' 16'

GENERAL NOTES

1. FIELD VERIFY ALL EXISTING CONDITIONS AND COORDINATE WORK WITH ALL OTHER TRADES. COORDINATE ALL EXISTING STRUCTURAL CONDITIONS AND INSURE ROUTING OF NEW MECHANICAL SYSTEMS AVOID CONFLICTS WITH EXISTING CONDITIONS AND NEW CONSTRUCTION.
2. BALANCE EXISTING VAV REHEATS TO LISTED SCHEDULED VALUES.
3. INSTALL NEW BUILDING MANAGEMENT SYSTEM (BMS). ALL EXISTING THERMOSTATS (T-STAT) ON LEVEL 4 OF THE BUILDING SHALL BE REPLACED AND CONNECTED TO NEW BMS SYSTEM.
4. FIELD VERIFY THAT EXISTING VAV HEATING HOT WATER CONTROL VALVES WILL BE COMPATIBLE WITH NEW BMS SYSTEM. CONTRACTOR TO REPLACE EXISTING CONTROLS IF EXISTING SYSTEM IS NOT COMPATIBLE BETWEEN EXISTING AND NEW SYSTEM.

KEYNOTES

1. TIE INTO EXISTING HOT WATER HEATING LINES. PROVIDE ALL TRANSITIONS AND FITTINGS REQUIRED. TYPICAL.
2. PROVIDE ACTUATED VALVE, CIRCUIT SETTERS, AND ISOLATION VALVES FOR NEW VAV BOXES. BALANCE BOXES TO FLOW RATES SHOWN ON SCHEDULE. TYPICAL.
3. BALANCE EXISTING VAV BOXES TO FLOW RATES SHOWN ON SCHEDULE.
4. ROUTE MSU REFRIGERATION PIPING UP TO ROOF LEVEL TO MSU CONDENSING UNIT. PROVIDE INSULATION AND SIZE PIPING AS REQUIRED BY MANUFACTURER.

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INTERMOUNTAIN - SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

UTILITY PIPING - 3RD FLOOR PLAN

UP203

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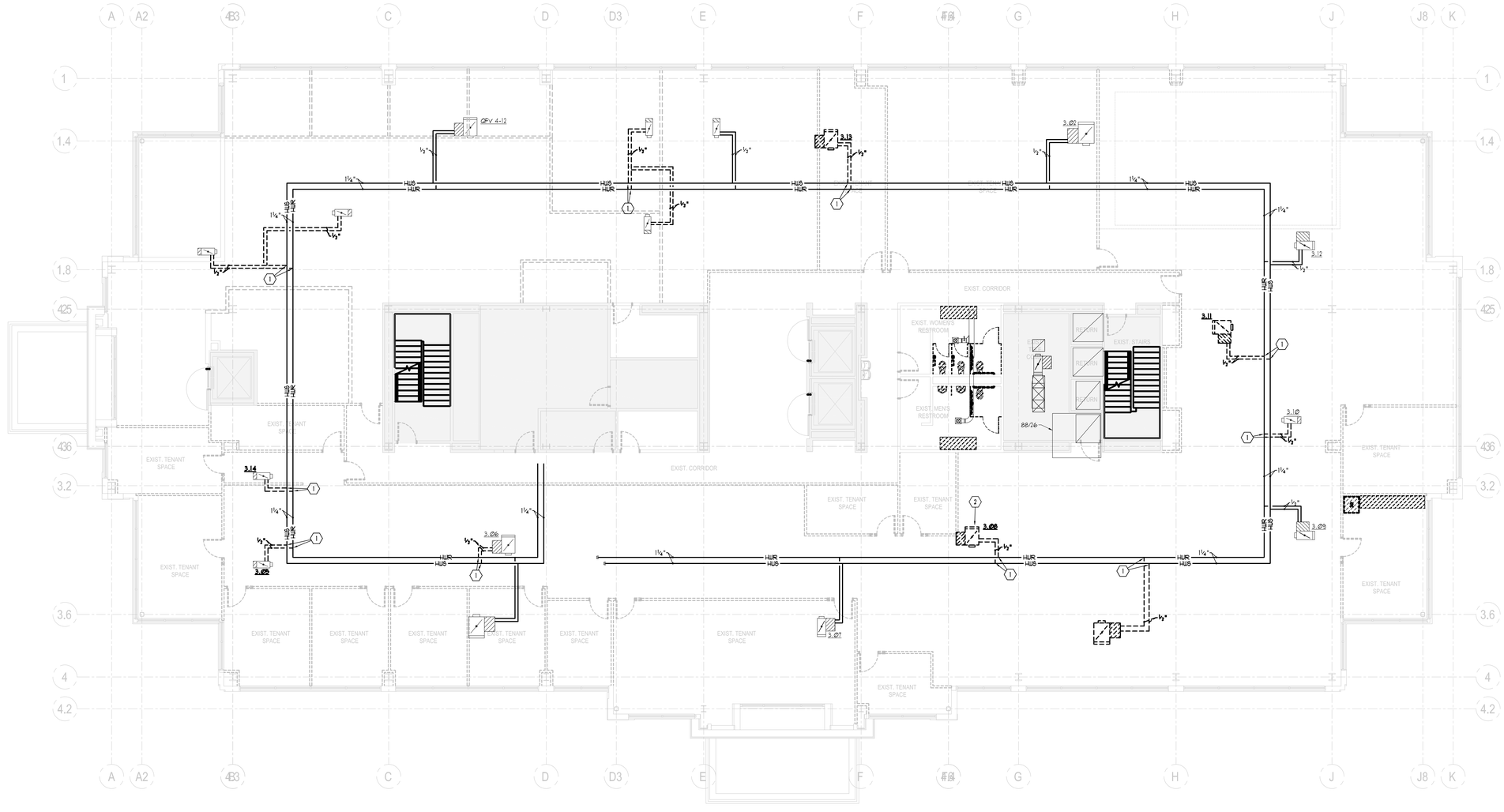

1 UP203D UTILITY PIPING - 3RD FLOOR DEMO PLAN

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

6' 0 4' 8' 12' 16'

GENERAL NOTES

1. FIELD VERIFY ALL EXISTING CONDITIONS AND COORDINATE WORK WITH ALL OTHER TRADES. COORDINATE ALL EXISTING STRUCTURAL CONDITIONS AND INSURE ROUTING OF NEW MECHANICAL SYSTEMS AVOID CONFLICTS WITH EXISTING CONDITIONS AND NEW CONSTRUCTION.

KEYNOTES

(1) DEMOLISH / REMOVE ALL EXISTING EQUIPMENT AND HEATING WATER PIPING DOWNSTREAM FROM THIS POINT. SEE UP203 FOR FUTURE CONNECTS.

(2) REMOVE EXISTING VAV AND ASSOCIATED EQUIPMENT. RELOCATE VAV AND ASSOCIATED EQUIPMENT TO LOCATION SHOWN ON UP203.

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CLIENT NUMBER:	19140
DATE:	2019 DEC. 10

INTERMOUNTAIN - SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRY, UT 84123
CONSTRUCTION DOCUMENTS (PROGRESS SET)

UTILITY PIPING - 3RD FLOOR DEMO PLAN

UP203D

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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, 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.
X-X XMDP	MECHANICAL EQUIPMENT INDICATOR. "X-X" INDICATES EQUIPMENT MARK SHOWN ON EQUIPMENT SCHEDULE. "XMDP" IDENTIFIES PANEL EQUIPMENT IS CIRCUITED TO. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
	BREAK, STRAIGHT: TO BREAK PARTS OF DRAWING
	BREAK, ROUND
MATCH LINE SEE X/X-X-XXX	MATCH LINE INDICATOR: CENTER, EXTRA WIDE LINE.
	NEW LINE: MEDIUM LINE.
	HIDDEN FEATURES LINE: HIDDEN, THIN LINE
	EXISTING TO REMAIN LINE: THIN LINE.
	DEMOLITION LINE: DASHED, MEDIUM LINE
	PROPERTY LINE: DASHED, WIDE LINE.
	CONTRACT LIMIT LINE: DASHDOT, WIDE LINE.
XXX EF-X	ELECTRICAL EQUIPMENT INDICATOR. "XXX" INDICATES TYPE OF EQUIPMENT OR EQUIPMENT ID. "EF-X" IDENTIFIES MECHANICAL EQUIPMENT BEING SERVED. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
WIRING METHODS	
	WIRING.
	WIRING TURNED UP OR TOWARDS OBSERVER.
	WIRING TURNED DOWN OR AWAY FROM OBSERVER.
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. USE #12 CONDUCTORS, EXCEPT #10 CONDUCTORS SHALL BE INSTALLED IF DISTANCES EXCEED THOSE SPECIFIED IN THE ELECTRICAL SPECIFICATIONS.
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. FOR BRANCH WIRING USE #12 CONDUCTORS, EXCEPT #10 CONDUCTORS SHALL BE INSTALLED IF DISTANCES EXCEED THOSE SPECIFIED IN THE ELECTRICAL SPECIFICATIONS.
	FLEXIBLE WIRING.
— X —	WIRING AND/OR RACEWAY: THIN LINE. WHERE "X" = : CATV = CABLE TELEVISION; NC = NURSE CALL CCTV = CLOSED CIRCUIT TELEVISION; P = POWER RC = RIGID CONDUIT FA = FIRE ALARM; S = SOUND FO = FIBER OPTICS; T = TELEPHONE I = INTERCOM; TV = TELEVISION OTHERS AS NOTED IN OTHER SCHEDULES. RACEWAYS AND WIRING SHALL BE SIZED AS SHOWN AND/OR SPECIFIED.
	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.
SC	JUNCTION BOX, SYSTEMS FURNITURE COMMUNICATION CONNECTION.
	EARTH GROUND (ONE-LINE DIAGRAM).
C	JUNCTION BOX, CEILING.
	LADDER RACK.
LIGHTING (REFER TO FIXTURE SCHEDULE FOR SYMBOLS)	
(W-3)	FIXTURE IDENTIFICATION: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
(W-3)	FIXTURE IDENTIFICATION, EMERGENCY WITH BATTERY PACK, CONNECTED TO GENERATOR AS INDICATED: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
EM	EMERGENCY.
NL	NIGHT LIGHT: DO NOT SWITCH.
	EGRESS DIRECTION ARROW (EXIT SIGNS).
LV	LOW VOLTAGE LIGHTING TRANSFORMER.
	EXIT SIGN: SINGLE FACE; CEILING MOUNTED
	EXIT SIGN: SINGLE FACE; WALL MOUNTED
	EXIT SIGN: DOUBLE FACE; CEILING MOUNTED
	EXIT SIGN: DOUBLE FACE; WALL MOUNTED

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.
	RECEPTACLE, DUPLEX ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, SPECIAL PURPOSE. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG.
FB#	FLUSH FLOOR BOX. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
PT#	FLUSH FIRE RATED POKE THRU. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
	SWITCH, DIMMER.
X $	SWITCH, SINGLE POLE ("x" INDICATES FIXTURES CONTROLLED).
X $3	SWITCH, THREE-WAY ("x" INDICATES FIXTURES CONTROLLED).
$P	SWITCH, PILOT LIGHT.
$T	SWITCH, TIMER OPERATED.
	RECEPTACLE, SINGLE PLEX, WITH USB OUTLET
STRUCTURED CABLING	
X	TELEPHONE, WALL MOUNTED ("X" INDICATES QUANTITY OF CABLES).
	DATA CONNECTION: WIRELESS ACCESS POINT (WAP). REQUIRES (2) DATA DROPS PER DEVICE
W	TELEPHONE, WALL MOUNTED: WALL PHONE.
X	OUTLET, DATA COMMUNICATION ("X" INDICATES QUANTITY OF CABLES).
	OUTLET, BUILDING STANDARD COMBINATION TELEPHONE/ DATA COMMUNICATION.
	TWO-WAY EMERGENCY COMMUNICATION DEVICE PER IBC, WALL MOUNTED IN RECESSED BOX.
	TELEPHONE TERMINAL BOARD, FIRE TREATED PLYWOOD PAINTED.
	LAN RACK, FLOOR STANDING.
—D—	DATA CABLE, CATEGORY 5 (ONE-LINE DIAGRAM).
10 —V—	VOICE CABLE, CATEGORY 3 (ONE-LINE DIAGRAM).
LIGHTING CONTROL	
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, WALL.
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, DIRECTIONAL.
R	OCCUPANCY SENSOR CONTROL RELAY.
	VACANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	VACANCY SENSOR, DUAL TECHNOLOGY, WALL.
P	PHOTOCELL.
SP	OCCUPANCY SENSOR, SWITCH PACK.
	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)
DC	DIGITAL LIGHTING DIMMING CONTROLLER
20 LC	DIGITAL PLUG LOAD CONTROLLER
RC	DIGITAL LIGHTING ROOM CONTROLLER
L X	LIGHTING SPACE CONTROL TYPE. X INDICATES TYPE. SEE SCHEDULE / DIAGRAM.

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
ELECTRICAL POWER AND DISTRIBUTION	
VFC VFD	VARIABLE FREQUENCY MOTOR CONTROLLER (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.
FIRE ALARM	
FCP	FIRE ALARM CONTROL PANEL, SEMI-RECESSED.
FPS	FIRE ALARM NOTIFICATION POWER SUPPLY.
FTR	FIRE ALARM TRANSPONDER OR TRANSMITTER.
C	AUTOMATIC DOOR CLOSERS: DOOR CLOSERS SHALL BE FURNISHED WITH DOOR HARDWARE AND CONNECTED TO BY FIRE ALARM INSTALLERS.
CM	CONTROL MODULE.
MM	MONITOR MODULE.
P	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.
A	DETECTOR, SMOKE WITH AUXILIARY CONTACT.
	DETECTOR, SMOKE, DUCT WITH HOUSING AND SAMPLING TUBE.
	DETECTOR, HEAT.
	INDICATOR LAMP.
75	STROBE. SUBSCRIPT INDICATES CANDELA RATING.
75	ALARM, HORN/STROBE, ONE ASSEMBLY. SUBSCRIPT INDICATES CANDELA RATING.
	SPEAKER, EVACUATION.
E	SPEAKER, EVACUATION, COMBINATION STROBE.
	DETECTOR, FLOW SWITCH: FLOW SWITCHES SHALL BE PROVIDED AND INSTALLED WITH FIRE SPRINKLER SYSTEM AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
	DETECTOR, TAMPER SWITCH WITH VALVE: TAMPER SWITCHES SHALL BE PROVIDED AND INSTALLED WITH FIRE SPRINKLER SYSTEM AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
SD	SMOKE DAMPER.
FSD	FIRE AND SMOKE DAMPER.
75	ALARM, HORN/STROBE, ONE ASSEMBLY, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
75	ALARM, HORN, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
75	ALARM, STROBE, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.

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
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	BUCK-BOOST TRANSFORMER
XFMR	
C	CEILING MOUNTED
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
CKT	CIRCUIT
CM	CONSTRUCTION MANAGER
CND	CONDUIT
CO	CONVENIENCE OUTLET
COR	CONTRACTING OFFICER'S REPRESENTATIVE
CP	CONTROL PANEL
CT	CURRENT TRANSFORMER
CTV	CABLE TELEVISION
CU	COPPER
dBA	UNIT OF SOUND LEVEL
DPDT	DOUBLE POLE, DOUBLE THROW
DS	DISCONNECT SWITCH
EA	EACH
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ENT	ELECTRIC NONMETALLIC TUBING
EPO	EMERGENCY POWER OFF
EQUIP	EQUIPMENT
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
FVNR	FULL VOLTAGE NON-REVERSING
FVR	FULL VOLTAGE REVERSING
G	GROUND
GEN	GENERATOR
GFCI	GROUND FAULT INTERRUPTER
GFP	GROUND FAULT PROTECTION
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
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
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
PT	POTENTIAL TRANSFORMER
PTZ	PAN/TILT/ZOOM
QTY	QUANTITY
R	REMOVE
RCP	REFLECTED CEILING PLAN
RMC	RIGID METAL CONDUIT
RNC	RIGID NONMETAL CONDUIT
RPM	REVOLUTIONS PER MINUTE
RR	REMOVE AND RELOCATE
S/S	START/STOP
SCA	SHORT CIRCUIT AMPS
SCBA	STANDARD COLOR AS SELECTED BY ARCHITECT
SF	SQUARE FOOT (FEET)
SFBA	STANDARD FINISH AS SELECTED BY ARCHITECT
SPD	SURGE PROTECTIVE DEVICE
SPDT	SINGLE POLE, DOUBLE THROW
SPEC	SPECIFICATION
SPST	SINGLE POLE, SINGLE THROW
ST	SINGLE THROW
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TL	TWIST LOCK
TP	TELEPHONE POLE
TP	TWISTED PAIR
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
W/	WITH
W/O	WITHOUT
WP	WEATHERPROOF
XFMR	TRANSFORMER

ELECTRICAL SHEET INDEX

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.

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...

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REV	DATE	DESCRIPTION

VCBO NUMBER: 19800
CLIENT NUMBER: 00000
DATE: JANUARY 16, 2020

INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

SHEET INDEX, ABBREVIATIONS, AND GENERAL NOTES

EE001

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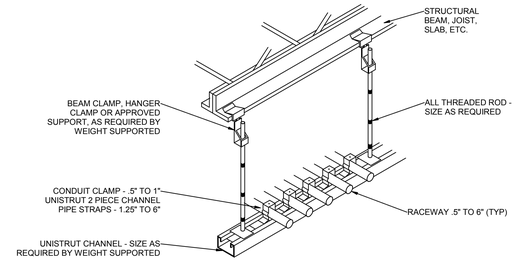
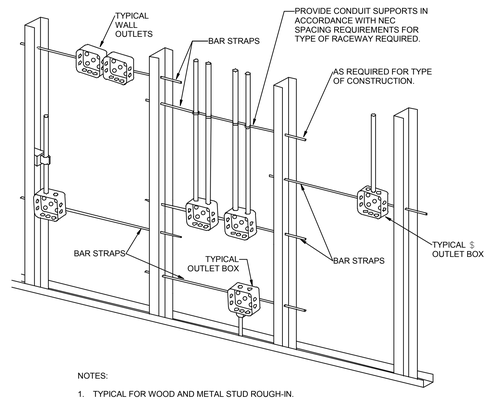


D5 TYPICAL CONDUIT RACK DETAIL

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

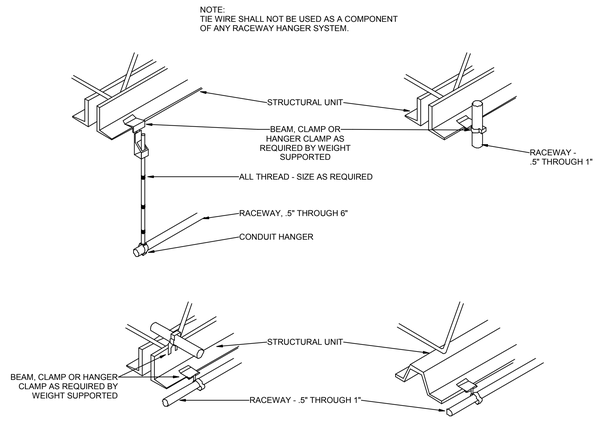


NOTES:

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.

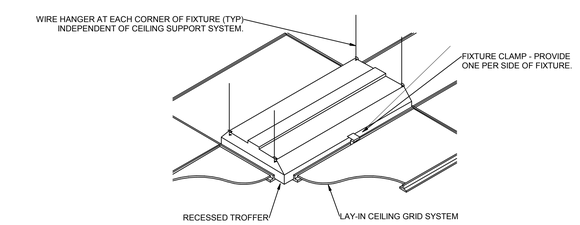
B5 TYPICAL ROUGH-IN REQUIREMENTS DETAIL

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



A3 TYPICAL RACEWAY SUPPORT METHODS DETAIL

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



A5 RECESSED FIXTURE MOUNTING DETAIL

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

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

ELECTRICAL DETAILS

EE501

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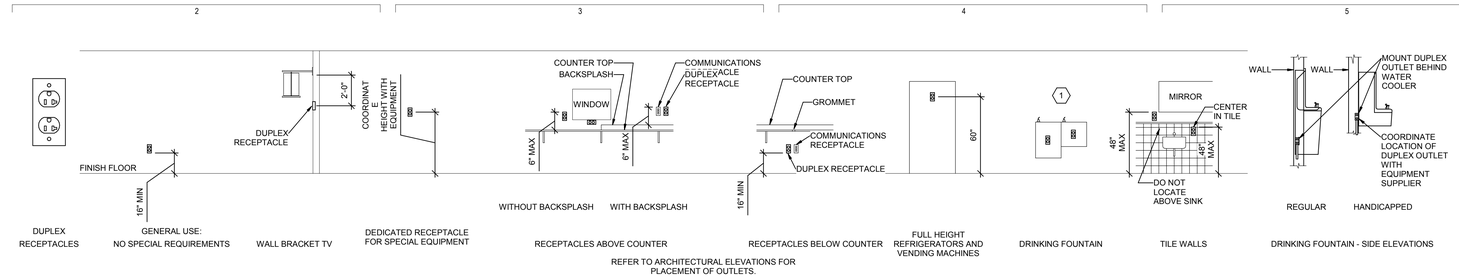
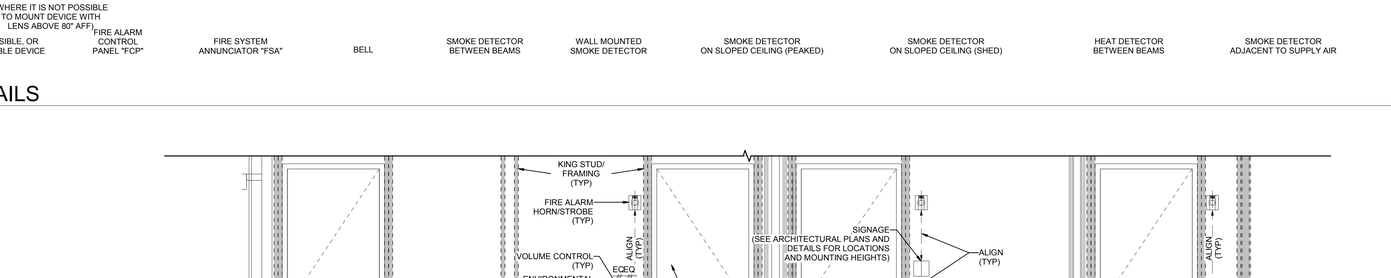


E2 RECEPTACLE MOUNTING DETAILS

SCALE: NTS



D2 ADA DETAIL

SCALE: NTS

D3 SWITCH MOUNTING DETAILS

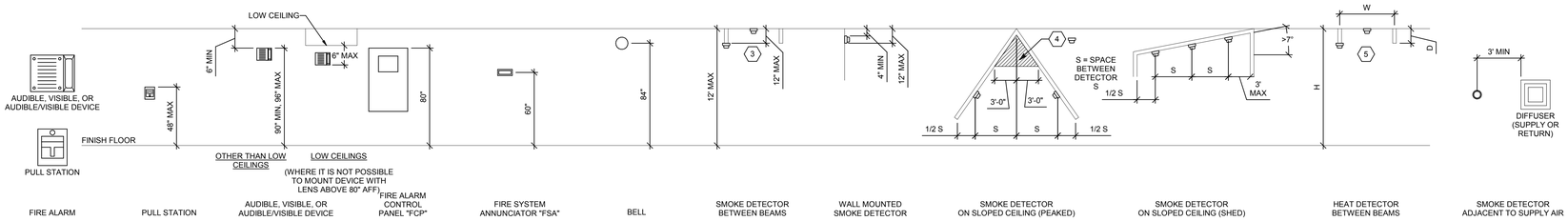
SCALE: NTS

C2 LIGHTING MOUNTING DETAILS

SCALE: NTS

C3 COMMUNICATIONS MOUNTING DETAILS

SCALE: NTS

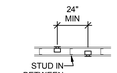


B1 FIRE ALARM MOUNTING DETAILS

SCALE: NTS

A1 BOX MOUNTING DETAILS

SCALE: NTS



A2 TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL

SCALE: NTS

GENERAL SHEET NOTES

1. DETERMINE MOUNTING HEIGHTS OF ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE FOLLOWING ORDER OF PRIORITY:

   1 - ELEVATIONS (ARCHITECTURAL, ELECTRICAL, MECHANICAL, ETC).

   2 - EQUIPMENT SHOP DRAWINGS.

   3 - FIELD INSTRUCTIONS.

2. LOCATE RECEPTACLES SERVING THE SAME TYPE OF USE AT A UNIFORM HEIGHT UNLESS DIRECTED OTHERWISE.

3. MECHANICAL, ELECTRICAL, AND COMMUNICATION ROOMS: COORDINATE LOCATION OF LIGHTING AND POWER RECEPTACLES WITH EQUIPMENT, PIPING, AND DUCTWORK. DO NOT INSTALL RECEPTACLES BEHIND EQUIPMENT OR WHERE OTHERWISE INACCESSIBLE. POSITION LIGHTING REGARDLESS OF WHERE SHOWN ON DRAWING TO PROVIDE PROPER ILLUMINATION.

4. MOUNT RECEPTACLE BOXES FOR SWITCHES AND RECEPTACLES WITH LONG AXIS OF THE DEVICE VERTICAL UNLESS OTHERWISE INDICATED.

5. SET BOXES WITH PLASTER RINGS FLUSH WITH FINISHED SURFACE.

6. LOCATE BOX COVERS OR DEVICE PLATES SO THEY WILL NOT SPAN DIFFERENT TYPES OF BUILDING FINISHES EITHER VERTICALLY OR HORIZONTALLY.

7. VERIFY ALL DOOR CONDITIONS ON ARCHITECTURAL DRAWINGS PRIOR TO INSTALLING SWITCHES.

8. LOCATE WIREING 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.

⬡ SHEET KEYNOTES

1. LOCATE RECEPTACLES BEHIND DRINKING FOUNTAINS.
2. REFER TO ARCHITECTURAL ELEVATIONS FOR PLACEMENT OF OUTLETS.
3. LOCATE AT BOTTOM OF BEAMS (OR JOISTS) OR AT CEILING. (REDUCE SPACING BY .5 PERPENDICULAR TO BEAM OR JOIST DIRECTION.) FOR OTHER CONDITIONS, REFER TO NFPA 72.
4. LOCATE DETECTOR ANYWHERE IN SHADED AREA BUT NOT IN TOP 4" OF PEAK.
5. LOCATE AT BOTTOM OF BEAMS IF D/H < .1 OR W/H < .4; OTHERWISE, LOCATE IN BEAM POCKET. FOR D > 4 REDUCE SPACING .33 PERPENDICULAR TO BEAMS.

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

TYPICAL MOUNTING HEIGHT DETAILS

EE701

SHEET KEYNOTES	GENERAL SHEET NOTES

1 LEVEL 3 ELECTRICAL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

LEVEL 3 ELECTRICAL DEMOLITION PLAN

ED103

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SHEET KEYNOTES	GENERAL SHEET NOTES

1 LEVEL 3 CEILING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

LEVEL 3 CEILING DEMOLITION PLAN

ED113

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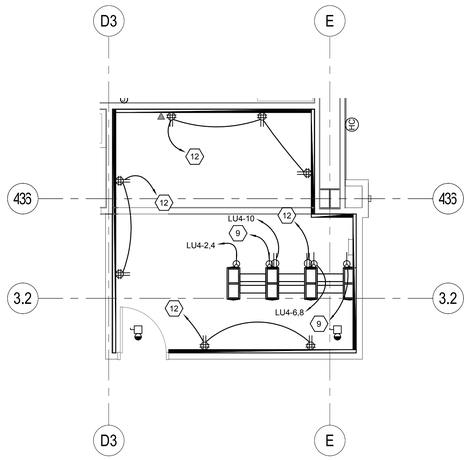

E1 ENLARGED I.T. ROOM POWER PLAN

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

SHEET KEYNOTES

1 PROVIDE ELECTRICAL AND DATA RECEPTACLE MOUNTED ADJACENT TO POLE MOUNTED A/V MONITOR. COORDINATE WITH ARCHITECTURAL DETAILS AND A/V INSTALLER.

2 PROVIDE ELECTRICAL CONNECTIONS TO SYSTEMS FURNITURE. DESIGN IS BASED ON 4 CIRCUIT/8 WIRE SYSTEM (3 CIRCUITS, SHARED OVERSIZED NEUTRAL AND GROUND, PLUS 1 CIRCUIT WITH DEDICATED NEUTRAL AND GROUND). VERIFY WIRING CONFIGURATION AND FEED POINT WITH SYSTEMS FURNITURE INSTALLER PRIOR TO INSTALLATION. COORDINATE WITH FURNITURE INSTALLER SUCH THAT CIRCUITS ARE UNIFORMLY DISTRIBUTED TO NO MORE THAN 3 WORKSTATIONS PER CIRCUIT AND EACH WORKSTATION ONLY HAVING AVAILABLE ITS ASSIGNED CIRCUIT. COPIER OR PRINTERS LOCATED IN A GROUP OF WORKSTATIONS SHALL RECEIVE A DEDICATED CIRCUIT.

3 PROVIDE ELECTRICAL CONNECTIONS TO ADA DOOR OPERATORS. COORDINATE MOUNTING LOCATION WITH THE ARCHITECT PRIOR TO ROUGH-IN.

4 CIRCUIT TO EXISTING 120V 20A CIRCUIT BREAKER IN EXISTING L3X PANEL. FIELD VERIFY AVAILABLE CIRCUIT BREAKERS AND PROVIDE REDLINED RECORD DRAWINGS AND UPDATED TYPEWRITTEN PANEL SCHEDULES AT THE COMPLETION OF THE PROJECT.

5 CIRCUIT TO EXISTING L3X PANELBOARD WITH 4 #12, #12G IN 0.75" CONDUIT. PROVIDE NEW 20A/3 POLE CIRCUIT BREAKER. FIELD VERIFY AVAILABLE CIRCUIT BREAKERS AND PROVIDE REDLINED RECORD DRAWINGS AND UPDATED TYPEWRITTEN PANEL SCHEDULES AT THE COMPLETION OF THE PROJECT.

6 PROVIDE ELECTRICAL CONNECTIONS TO MOTORIZED BLACKOUT MECHOSHADES. PROVIDE WIRING AND CONTROL PER MANUFACTURER'S WRITTEN INSTRUCTIONS. MOUNT SWITCH IN LOCATION AS DIRECTED BY ARCHITECT. INTERFACE WITH AV SYSTEMS PER AV SYSTEM INSTALLER'S INSTRUCTIONS.

SHEET KEYNOTES

7 ALL EQUIPMENT IN THIS ROOM IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE. FIELD VERIFY EXACT LOCATION.

8 CIRCUIT TO NEW CIRCUIT BREAKER IN EXISTING L3X PANELBOARD. PROVIDE NEW CIRCUIT BREAKER AS REQUIRED ON THE MECHANICAL EQUIPMENT SCHEDULE AND PROVIDE REDLINED RECORD DRAWINGS AND UPDATED TYPEWRITTEN PANEL SCHEDULES AT THE COMPLETION OF THE PROJECT.

9 CIRCUIT TO NEW 208V 30A/2P CIRCUIT BREAKER IN PANELBOARD EML2 IN LEVEL 2 ELECTRICAL ROOM. PROVIDE NEW CIRCUIT BREAKER AND PROVIDE REDLINED RECORD DRAWINGS AND UPDATED TYPEWRITTEN PANEL SCHEDULES AT THE COMPLETION OF THE PROJECT.

10 PROVIDE ELECTRICAL CONNECTIONS TO INDOOR AIR CONDITIONING UNIT FROM OUTDOOR UNIT. PROVIDE 1" CONDUIT WITH CONTROL WIRING PER THE MANUFACTURER'S WRITTEN REQUIREMENTS.

11 PROVIDE 120V HARD-WIRED ELECTRICAL CONNECTIONS TO ACCESS CONTROL PANEL. CIRCUIT TO EXISTING 20A/1P CIRCUIT BREAKER IN PANELBOARD EML2 IN THE LEVEL 2 ELECTRICAL ROOM.

12 CIRCUIT TO EXISTING 120V 20A CIRCUIT BREAKER IN PANELBOARD EML2 IN LEVEL 2 ELECTRICAL ROOM. FIELD VERIFY AVAILABLE CIRCUIT BREAKERS AND PROVIDE REDLINED RECORD DRAWINGS AND UPDATED TYPEWRITTEN PANEL SCHEDULES AT THE COMPLETION OF THE PROJECT.

13 EQUIPMENT LOCATED ON THE ROOF. COORDINATE EXACT LOCATION WITH MECHANICAL INSTALLERS PRIOR TO ROUGH-IN.

GENERAL SHEET NOTES

1 LEVEL 3 POWER PLAN

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

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

LEVEL 3 POWER PLAN

EP103

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FLOORBOX SCHEDULE
ABBREVIATIONS

COMPARTMENT GANG

- - NOT APPLICABLE
A/V - A/V CONNECTIONS, REFER TO A/V DRAWINGS/SPECIFICATIONS
D - DATA RECEPTACLE
DR - DUPLEX RECEPTACLE
QR - QUADRAPLEX RECEPTACLE

RATINGS

2H - 2-HOUR FIRE RATED, UL LISTED

USE

CF - CONCRETE FLOOR

FINISH

AL - ALUMINUM

CONNECTION

C1 - RECESSED CABLE CONNECTIONS BELOW FLOOR WITH HINGED LID FOR ACCESS THAT CAN BE CLOSED WHILE IN USE.

NOTES:

1 PROVIDE ALL REQUIRED HARDWARE FOR COMPLETE INSTALLATION.

2 INCLUDE SEPARATION BARRIER BETWEEN SYSTEMS AND POWER.

COVER

CV1 - FLANGED WITH CARPET INSERT FOR CARPET AREAS, FLANGELESS FLUSH GRAY BRUSHED ALUMINUM LID

		DIMENSIONS			COMPARTMENTS								RATINGS	USE	CONNECTION	COVER	FINISH	MANUFACTURER 1	PART #	MANUFACTURER 2	PART #	NOTES
ID	DESCRIPTION	LENGTH	WIDTH	DEPTH	GANG 1	GANG 2	GANG 3	GANG 4	GANG 5	GANG 6	GANG 7	GANG 8										
PT2	FIRE RATED 6" FURNITURE FEED POKE-THRU	-	6"	18"	-	-	-	-	-	-	-	-	2H	CF	C1	CV1	AL	HUBBELL	S1R6P TFIT	WIREMOLD	-	
PT6	FIRE RATED 6" POWER/DATA/AV POKE-THRU	-	6"	18"	DR	D	A/V	A/V	A/V	-	-	-	2H	CF	C1	CV1	AL	HUBBELL	S1R6P TFIT	WIREMOLD	-	

EQUIPMENT SCHEDULE

xxxxxxxx

EQUIPMENT SCHEDULE KEY
E - DIVISION 26
Q - FURNISHED WITH EQUIPMENT
* - COORDINATE WITH THE DIVISION 23 TEMPERATURE CONTROL INSTALLER
** - AUTOMATIC CONTROL WIRING BY DIVISION 23

NOTES:
1. NEMA 3R
2. TOGGLE SWITCH W/ THERMAL OVERLOAD
3. PROVIDE FUSED DISCONNECT ELEVATOR POWER MODULE WITH SHUNT TRIP
4. CONTRACTOR TO PERFOM FINAL CONNECTION TO LINE VOLTAGE THERMOSTATS
5. TOGGLE SWITCH W/BACNET INTERFACE.
6. INDOOR UNITS FED FROM OUTDOOR UNIT. PROVIDE DISCONNECTS FOR BOTH.
7. PROVIDE SWITCH WITH BACNET MS/TP CAPABILITY.
8. PROVIDE LABEL ON DISCONNECT "DISCONNECT OUTDOOR UNIT PRIOR TO INDOOR."
9. LINE VOLTAGE THERMOSTAT ON WALL.
10. PROVIDE EXPLOSION PROOF DEVICES AND WIRING METHODS.
11. PROVIDE DUAL-REDUNDANT 100% RATED VFD'S FOR AIR HANLDER.
12. PROVIDE MANUAL STARTER WITH THERMAL OVERLOAD AND RELAY FOR ATC/BAS CONTROL.

GENERAL NOTES:
1. WHERE DISCONNECTS, STARTERS, OR VFCs ARE BEING PROVIDED BY ELECTRICAL CONTRACTOR, LOCATE EQUIPMENT IN ACCESSIBLE LOCATION, SUCH THAT IT IS WITHIN SITE OF THE MECHANICAL EQUIPMENT IT IS SERVING, AND COMPLIES WITH N.E.C. REQUIRED CLEARANCES.

			LOAD DATA							OVERCURRENT PROTECTION			DISCONNECT			STARTER									
MARK	QTY	ITEM DESCRIPTION	HP	kW	MCA	FLA	VOLT	PH	Hz	WIRE AND CONDUIT SIZE	FURN BY	DEVICE	LOCATION	FURN BY	DEVICE	LOCATION	FURN BY	DEVICE	SIZES	SELECTOR SWITCH	PILOT LAMP	NORMALLY OPEN CONTACT	NORMALLY CLOSED CONTACT	PHASE FAILURE RELAY	NOTES	MARK
EWH-1	1	ELECTRIC WATER HEATER	-	3	-	14.4	208	1	60	2 #10, #10 GR 0.75" CND	E	30/2 CB		E	30A/2P NF	ADJ TO EQUIP	Q	-	-	-	-	-	-	-		EWH-1
EWH-2	1	ELECTRIC WATER HEATER	-	8	-	38.5	208	1	60	2 #4, #8 GR 1" CND	E	60/2 CB		E	60A/2P NF	ADJ TO EQUIP	Q	-	-	-	-	-	-	-		EWH-2
MSU-1	1	AIR CONDITIONING UNIT	-	-	-	1	208	1	60	2 #10, #10 GR 0.75" CND	E	30/2 CB		E	30A/2P NF	ADJ TO EQUIP	Q	-	-	-	-	-	-	-	6	MSU-1
RCU-1	1	AIR CONDITIONING UNIT	-	-	-	19	208	1	60	2 #10, #10 GR 0.75" CND	E	30/2 CB		E	30A/2P NF	ADJ TO EQUIP	Q	-	-	-	-	-	-	-	6	RCU-1

VCBO ARCHITECTURE
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LICENSED PROFESSIONAL ENGINEER
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3/27/2020
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REV	DATE	DESCRIPTION

VCBO NUMBER: 19800
CLIENT NUMBER: 00000
DATE: JANUARY 16, 2020

INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

EQUIPMENT SCHEDULE

EP601

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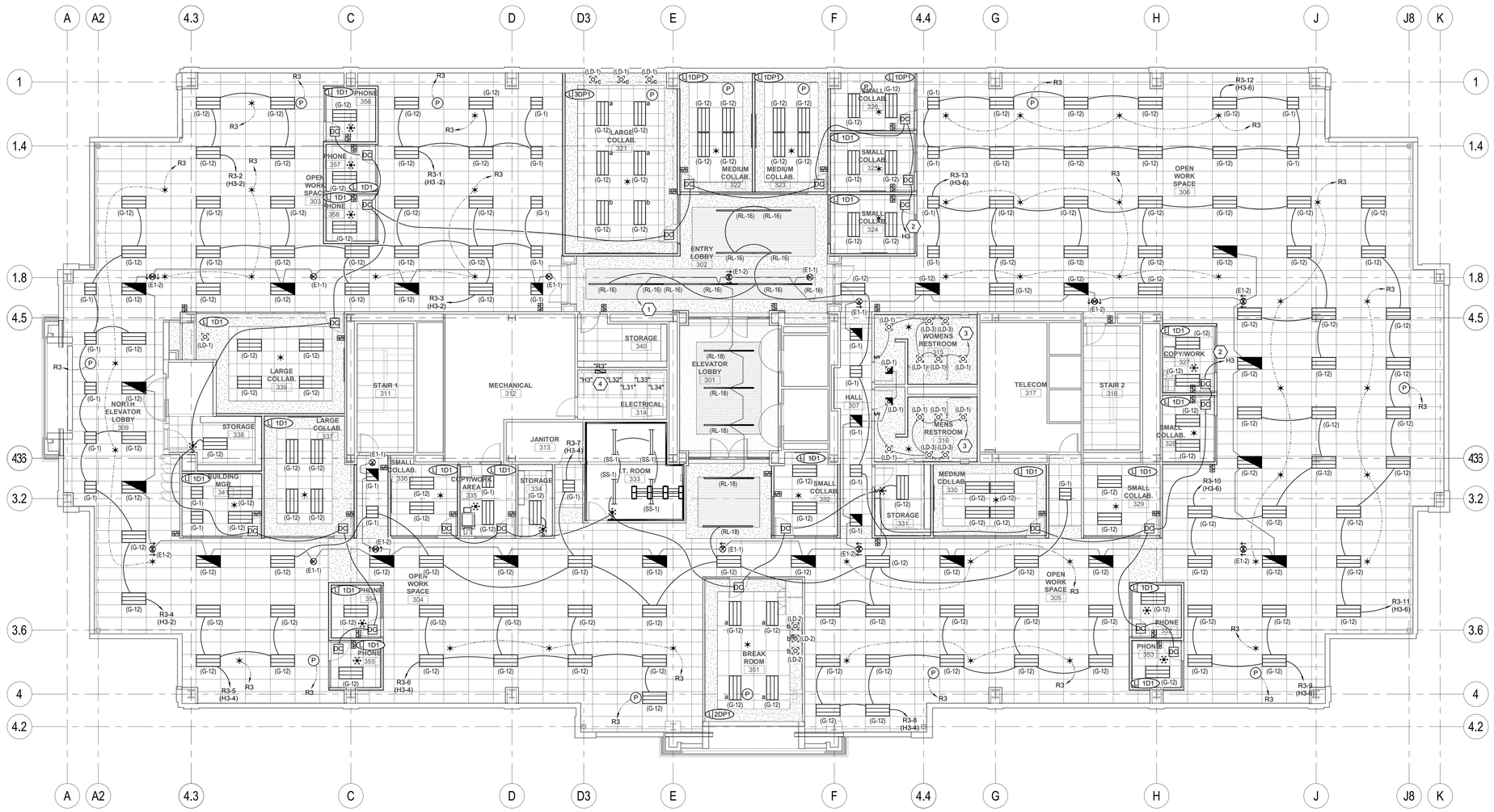
SHEET KEYNOTES

1. CONNECT TO EXISTING EMERGENCY CIRCUIT PREVIOUSLY FEEDING EMERGENCY LIGHTING ON THIS FLOOR.
2. CONNECT TO SPARE CIRCUIT BREAKER IN THE PANEL INDICATED. PROVIDE UPDATED TYPEWRITTEN PANEL SCHEDULES AT THE COMPLETION OF THE PROJECT.
3. CONNECT TO EXISTING LIGHTING CIRCUIT PREVIOUSLY FEEDING IN THIS AREA.
4. PROVIDE NEW RELAY PANEL WITH BMS INTERFACE. CIRCUIT ALL OPEN OFFICE AREA LIGHTS AND COMMON AREA LIGHTS THROUGH THE RELAY PANEL.

GENERAL SHEET NOTES



1 LEVEL 3 LIGHTING PLAN
SCALE: 1/8" = 1'-0"

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

LEVEL 3 LIGHTING PLAN

EL103

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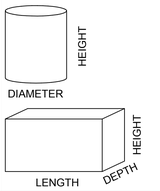
INTERIOR LIGHTING FIXTURE SCHEDULE

ABBREVIATIONS

MOUNTING

- B - BASE
- C - CEILING
- F - FLANGE
- G - GRID
- P - PENDANT
- PL - POLE
- R - RECESSED
- S - SURFACE
- W - WALL



LUMINAIRE OPTIONS

- ARHR - AIR RETURN AND HEAT REJECTION
- DL - DAMP LOCATION
- EQC - EARTHQUAKE CLIPS
- F - FUSING
- HLD - HINGED AND LATCHED DOOR
- HS - HOUSE SIDE SHIELD
- PS - PHOTOCELL SWITCH
- QRS - QUARTZ RESTRIKE
- ST - STATIC
- WG - WIRE GUARD
- WL - WET LOCATION

FINISH

- MW - MATTE WHITE
- BL - BLACK
- SL - SILVER
- GL - GOLD
- CL - CLEAR
- PW - PAINTED WHITE
- EA - EXTRUDED ALUMINUM
- S - STEEL
- GS - GALVANIZED STEEL
- C - CAST
- CBA - COLOR BY ARCHITECT
- SCBA - STANDARD COLOR BY ARCHITECT
- CCA - CUSTOM COLOR BY ARCHITECT
- FS 209D - MEETS FEDERAL STANDARD 209D
- TP - THERMALLY PROTECTED
- FL - FLUSH
- R - REGRESS
- M - MITERED

DIFFUSER/LENS

- #A - ACRYLIC #THICK
- #OA - ACRYLIC #THICK (OPAL)
- GC - GLASS (CLEAR)
- GO - GLASS (OPAL)
- GF - GLASS (FROSTED)
- SGL - SOFT GLOW LENS
- HPL - HIGH PERFORMANCE LENS
- DO - DROP OPAL
- CGL - CONVEX GLASS LENS
- S - SATIN LENS

REFLECTOR

- OP - NONE/OPEN
- SP - SPECULAR
- SS - SEMI-SPECULAR
- D - DIFFUSE (WHITE ENAMEL)
- SC - SPECULAR (COLORED)
- PR - PRISMATIC
- FDR - FULL DEPTH REFLECTOR
- DS - DIFFUSE (SEMI SPECULAR) SILVER
- LI - LOW IRIDESCENT
- IR - IRIDESCENT
- SL - SILVER
- GL - GOLD
- CA - CLEAR ALZAK

NOTES

GENERAL NOTES

1. PROVIDE UNIT PRICES AND FIXTURE BRAND SELECTED FOR ADD/DELETE CHANGES FOR EACH FIXTURE TYPES SHOWN WITHIN 48 BUSINESS HOURS OF THE BID DATE. FAILURE TO COMPLY WITH THIS REQUIREMENT MAY DISQUALIFY THE PRODUCTS AND EMPOWER THE ENGINEER TO DETERMINE FAIR VALUE FOR FIXTURE AND INSTALLATION CHANGES, WITHOUT FURTHER INPUT FROM THE CONTRACTOR OR INSTALLER.
2. 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.
3. 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.
4. SAMPLES MUST BE PROVIDED FOR ANY AND ALL FIXTURES UPON A/E REQUEST PRIOR TO RELEASING FIXTURES.
5. ALL FIXTURES SHALL BE LISTED AND APPROVED FOR THEIR INTENDED USE AND LOCATION.
6. VERIFY THE PROPER MOUNTING KITS OR ACCESSORIES TO FACILITATE INSTALLATION AS SHOWN AT EACH LOCATION ON THE DRAWINGS.
7. COMPLY WITH THE "INTERIOR LIGHTING" SECTION OF THE SPECIFICATIONS.
8. REFER TO SPECIFICATIONS FOR IMPORTANT TECHNICAL REQUIREMENTS FOR LIGHTING FIXTURES, DRIVERS, AND LAMPS.
9. ALL LIGHT FIXTURES TO BE EITHER "DLC" OR "LIGHTING FACTS" LISTED OR TO BE APPROVED BY ARCHITECT/ENGINEER AND OWNER.

		NOMINAL SIZE															MANUFACTURER (CATALOG SERIES)					
ID	DESCRIPTION	LENGTH	DEPTH	HEIGHT	DIAMETER/ APERTURE	MOUNTING	TYPE	COLOR TEMP	CRI	DRIVER CONFIGUARTION	VOLTAGE	WATTS	FINISH	FIXTURE LUMENS	DIFFUSER/LENS	REFLECTOR	OPTIONS	NOTES	OPTION 1	OPTION 2	OPTION 3	OPTION 4	OPTION 5	OPTION 6
(E1-1)	LED EDGE LIT EXIT SIGN, SINGLE FACE					C			-	LED DRIVER		0		0					CHLORIDE (CA-6-GC-A-1)	DUAL-LITE (LESCSGXNA)	ISOLITE (EUG-AC-G-1C)	EVENLITE (TEXZ-EM-G-URC)	EVENLITE (TEXZ-AC-URC +EM)	
(E1-2)	LED EDGE LIT EXIT SIGN, DOUBLE FACE					C			-	LED DRIVER		0		0					CHLORIDE (CA-6-GC-A-1)	DUAL-LITE (LESCSGXNA)	ISOLITE (EUG-AC-G-1C)	EVENLITE (TEXZ-EM-G-URC)	EVENLITE (TEXZ-AC-URC +EM)	
(G-1)	RECESSED LED TROFFER, CENTER BASKET STYLE.	2'	2'	5"		C,R	LED	3500K	80	LED DRIVER (0-10V DIMMING)	UNV	36		3300					LITHONIA (2BLT2-33L-ADP-EZ1-LP835)	COLUMBIA LIGHTING (LCAT22-35MLG-ED1U)	METALUX (22C22-32-UNV-L835-CD1-U)	DAYBRITE (2FGG38835-2-D-UNV-DIM)	HE WILLIAMS, INC. (LT-22-L39/835-AF-(L33)-DIM-UNV)	
(G-12)	RECESSED LED TROFFER, CENTER BASKET STYLE.	4'	2'	5"		C,R	LED	3500K	80	LED DRIVER (0-10V DIMMING)	UNV	47		4800					LITHONIA (2BLT4-48L-ADP-EZ1-LP835)	COLUMBIA LIGHTING (LCAT24-35MLG-ED1U)	METALUX (24C22-50-UNV-L835-CD1-U)	DAYBRITE (2FGG48L835-4-D-UNV-DIM)	HE WILLIAMS, INC. (LT-24-L52/835-AF-(L48)-DIM-UNV)	
(LD-1)	LED RECESSED DOWNLIGHT, 2000 LUMENS, 4" SQUARE APERTURE	-	-	8"	4"	C,R	LED	3500K		LED DRIVER (0-10V DIMMING)	UNV	26	STEEL	2000					GOTHAM (ICO-35/20-4AR-LSS-60D-MVOLT-GZ1)	PORTFOLIO (LD4B20D010 EU4B10208035 4LBM1H HB26)	LIGHTOLIER (4RN W/Z4RDL20835W0CDZ10 U)	PORTFOLIO (LDSQ4B20D010 EU4B10208035 4LBSQ1H HB26)	LIGHTOLIER (4RN ZARDL20835WO-STANDARDFINISH-Z10U)	
(LD-2)	LED DOWNLIGHT, 2" APERTURE, 750 LUMENS.	-	-	-	2"	C,R	LED	3500K		LED DRIVER (0-10V DIMMING)		20		750					GOTHAM (ICO-35/07-2AR-LSS-35D-MVOLT)	PRESCOLITE (D2LED-2D9LED9L35K8FL35)	PORTFOLIO (LD2B10D010 EU2B0510FL408035 2LBD1H HB26)	PORTFOLIO (LD2B10DD010 EU2B0510FL408035 2LBD1H HB26)	LIGHTOLIER (C2L09DL935RV1 0U/C2LD-STANDARD FINISH-FT)	LIGHTOLIER (C2L09DL935RZ10 UC2LDL-STANDARD FINISH-FT)
(LD-3)	4" DECORATIVE SQUARE DOWNLIGHT WITH GLASS ACCENT TRIM. 1100 LUMENS	-	-	-	4"	C,R	LED	3500K		LED DRIVER (0-10V DIMMING)		11	WH	1100					SPECTRUM (SGE4SQLED0S-10L-35K-DS10-UNV-CA0244QS-MW-F4AS-Q4)	PRESCOLITE (D2LED-2D9LED9L35K8FL35)	PATHWAY LIGHTING (4SQLBV-20-3K-XX-M40-DA-X-4SQLBV-WHITE-IC4+DROPPED GLASS)			
(RL-16)	NARROW RECESSED LINEAR LED FIXTURE. SURFACE MOUNT FIXTURE BETWEEN WOOD SLATS.	6'	1 1/2 "	3"	-	C,R	LED	3500K	90+	LED DRIVER (0-10V DIMMING)	UNV	44	BL	4000					LUMENWERX (MIKPD-HLO-LED-90-500-6FT-UNV-MIKDR-1-53WAC36-W)	PINNACLE ARCHITECTURAL LIGHTING (KEL-LED-125-CLO-200-6-STANDARDFINISH-FW-27 7-D1-SM)	ARCHITECTRUAL LIGHTING WORKS (HB1.25S S6' HI/90/3500K 0-10V-S EXT NNNNNN BK UNV)	LUMIUM (N0-SMT-6'-35K-SO-UNV-10D-SCBA-MF-MA-XX-90)	SELUX (L36 1B35 35 LW C 06 SCBA UNV DIM)	
(RL-18)	NARROW RECESSED LINEAR LED FIXTURE. SURFACE MOUNT FIXTURE BETWEEN WOOD SLATS.	8'	1 1/2"	3"	-	C,R	LED	3500K	90+	LED DRIVER (0-10V DIMMING)	UNV	66	BL	6600					LUMENWERX (MIKPD-HLO-LED-90-500-8FT-UNV-MIKDR-1-53WAC36-W)	SELUX (L36 1B40 35 LW C 06 SCBA UNV DIM)				
(SS-1)	GENERAL PURPOSE LED STRIP	48"	9"	5"	-	CS,P	LED	3500K	80	LED DRIVER	UNV	53		5000					COLUMBIA (LR0-4-40-ML-E-U)	LITHONIA (CLX-L48-5000LM-SEF-RD L-MVOLT-GZ10-40K-80CRI-WH)	METALUX (4SNLED-LD5-50SL-LW-UNV-L835-CD1-U AYC-CHAIN/SET-U)	DAYBRITE (FSS455L835-UNV-DIM)		

LIGHTING RELAY PANEL SCHEDULE

PANEL NAME: R3
LOCATION: ELECTRICAL 314
SUPPLY VOLTAGE:
MOUNTING: SURFACE
ENCLOSURE: NEMA 1

ACCESSORIES: INTEGRAL PROCESSOR
ASTRONOMICAL TIMECLOCK
LAN CONNECTIVIITY AND CONTROL

				CHANNEL CONTROL														CHANNEL CONTROL								
RELAY	DIMMING	PANEL...	DESCRIPTION	A	B	C	D	E	F	LOAD (WATTS)						F	E	D	C	B	A	DESCRIPTION	PANEL...	DIMMING	RELAY
1	YES	H3-2	LTG: OPEN WORK SPACE 303							300	200											LTG: OPEN WORK SPACE 303	H3-2	YES	2
3	YES	H3-2	LTG: OPEN WORK SPACE 303									700	550									LTG: NORTH ELEVATOR LOBBY 309	H3-2	YES	4
5	YES	H3-4	LTG: OPEN WORK SPACE 304											200	400							LTG: OPEN WORK SPACE 304	H3-4	YES	6
7	YES	H3-4	LTG: CORRIDORS							1124	500											LTG: OPEN WORK SPACE 305	H3-4	YES	8
9	YES	H3-6	LTG: OPEN WORK SPACE 305									200	300									LTG: OPEN WORK SPACE 305	H3-6	YES	10
11	YES	H3-6	LTG: OPEN WORK SPACE 305 & 306											450	600							LTG: OPEN WORK SPACE 306	H3-6	YES	12
13	YES	H3-6	LTG: OPEN WORK SPACE 306							800	0											SPARE	--		14
15		--	SPARE									0	0									SPARE	--		16
17		--	SPARE											0	0							SPARE	--		18
19		--	SPARE							0	0											SPARE	--		20
21		--	SPARE									0	0									SPARE	--		22
23		--	SPARE											0	0							SPARE	--		24
25		--	SPARE							0	0											LIGHTING SENSORS			26

CHANNEL	DIMMING	CHANNEL DESCRIPTION	CHANNEL PROGRAMMING REQUIREMENTS
A	NO	MANUAL ON, AUTO SWEEP OFF	SWEEP OFF AT (10PM), MANUAL ON/OFF VIA LOW VOLTAGE SWITCH**
B	NO	CORRIDOR & COMMON SPACE	TIME OFF (10PM)/TIME ON (6AM)**
C	NO	NIGHT LIGHTS	ALWAYS ON - NIGHT LIGHTING, MANUAL OFF VIA LOW VOLTAGE SWITCH
D	NO	EXTERIOR LIGHTS OUT AT MIDNIGHT	EXTERIOR PHOTOCELL ON/TIME OFF (12AM)
E	NO	EXTERIOR LIGHTING ALL NIGHT	EXTERIOR PHOTOCELL ON/OFF
F	NO	SPARE	PROGRAM AS DIRECTED BY OWNER

GENERAL NOTES:

1. PROGRAMMING OF SYSTEM SHALL COMPLY WITH CURRENT IECC REQUIREMENTS.
2. COORDINATE INITIAL PROGRAMMING WITH OWNER AND MODIFY CONTROL TIMES AND OPERATION AS REQUESTED BY OWNER.
3. PROVIDE FINE TUNING PROGRAMMING AND ADJUSTMENTS UPON REQUEST BY OWNER WITHIN FIRST 6 MONTHS AFTER SUBSTANTIAL COMPLETION.
4. ALL SPARE RELAYS AND CHANNELS SHALL BE INCLUDED WITH ORIGINAL SYSTEM INSTALLATION.
5. UPON LOSS OF NORMAL POWER, ALL EMERGENCY LIGHTING RELAYS SHALL TURN ON TO 100% UNTIL NORMAL POWER IS RESTORED, THEN GO BACK TO STANDARD MODE.

** CHANNEL SHALL BE PROGRAMMED WITH 10 MINUTE WARNING PRIOR TO TURNING LIGHTS OFF BY BLINKING THE LIGHTS OFF/ON/OFF/ON.

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

INTERIOR LIGHTING FIXTURE SCHEDULE

EL601

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LIGHTING/SPACE CONTROL TYPE SCHEDULE

WIRING LEGEND

- ——— LINE VOLTAGE WIRING
- - - - - 0-10V WIRING
- -·-·- CAT5E CABLING
- ——— WIRING BY OTHERS
- —o—o— TMP SEGMENT NETWORK CABLING

APPROVED MANUFACTURERS

1. WATTSTOPPER (BASIS OF DESIGN)
2. NLIGHT
3. HUBBEL BUILDING AUTOMATION
4. GREENGATE

LIGHTING CONTROL ID

1. # = NUMBER OF ZONES
2. D = DIMMING, S = SWITCHING
3. P = DAYLIGHT PHOTOCELL
4. L = PLUG LOAD CONTROLLER
5. # = INSTANCE

GENERAL NOTES

1. COORDINATE INITIAL PROGRAMMING WITH OWNER AND MODIFY CONTROL TIMES AND OPERATION AS REQUESTED BY OWNER.
2. PROVIDE FINE TUNING PROGRAMMING AND ADJUSTMENTS UPON REQUEST BY OWNER WITHIN FIRST 6 MONTHS AFTER SUBSTANTIAL COMPLETION.
3. PROVIDE CUSTOMIZED ENGRAVED PERMANENT BUTTON LABELS ON EACH SWITCH, LABEL TO MATCH BUTTON LABEL ID OR AS DIRECTED BY OWNER.
4. PART NUMBERS SHOWN ARE BASED ON WATTSTOPPER AS THE BASIS OF DESIGN. ALL APPROVED MANUFACTURERS ARE SUBJECT TO MEETING ALL FUNCTIONS AND CAPABILITIES OF THE BASIS OF DESIGN SYSTEM AND PRODUCTS. FAILURE TO MEET THESE SHALL REQUIRE THE CONTRACTOR TO PROVIDE A SYSTEM THAT DOES AT NOT ADDITIONAL COST.

GENERAL NOTES

5. REFER TO PLANS FOR LOCATIONS AND QUANTITIES OF DEVICES.
6. INSTALL ONE OF EACH CONTROL TYPE WITH PROGRAMMING, ADJUST, AND OBTAIN OWNERS APPROVAL PRIOR TO PROGRAMMING THE REMAINING CONTROLS.
7. WIRING MAY VARY BETWEEN MANUFACTURERS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE REQUIRED WIRING THAT WILL BOTH MEET THE MANUFACTURERS REQUIREMENTS AND MATCH WITH THE SHOWN SYSTEM.
8. PROVIDE COMPLETE SHOP DRAWING SUBMITTALS INCLUDING OCCUPANCY SENSOR LAYOUT AND COVERAGE PATTERNS. PROVIDE ADDITIONAL SENSORS AS REQUIRED FOR 100% COVERAGE OF SPACES WITH OCCUPANCY SENSOR CONTROL.

ID / DETAIL	LIGHTS ON CONTROL	LIGHTS OFF CONTROL	LIGHTING CONTROL TYPE	DAYLIGHT SENSOR SETTING (FC)	TIME DELAY TO OFF (MIN.)	BAS AUX RELAY SIGNAL	PLUG LOAD CONTROLLER	NETWORKED CONTROLS	BUTTON_1	BUTTON_2	BUTTON_3	BUTTON_4	BUTTON_5	BUTTON_6	BUTTON_7	BUTTON_8	BUTTON_9	NOTES
1D1	MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	-	15	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS TOP-ON, HOLD TOP-RAISE LABEL ID: TOP- "ON/RAISE" BOTTOM-"OFF/ LOWER"	-	-	-	-	-	-	-	-	-	
1DP1	MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	30	15	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS TOP-ON, HOLD TOP-RAISE LABEL ID: TOP- "ON/RAISE" BOTTOM-"OFF/ LOWER"	-	-	-	-	-	-	-	-	-	
2DP1	MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	30	15	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS TOP-ON, HOLD TOP-RAISE PRESS BOTTOM-OFF, HOLD BOTTOM-LOW ER LABEL ID: TOP- "ON/RAISE" BOTTOM-"OFF/ LOWER"	FUNCTION: PRESS-PRESE T SCENE #01 ZONE "a" 75% ZONE "b" 75% LABEL ID: "PRE #1"	FUNCTION: PRESS-PRESE T SCENE #02 ZONE "a" 0% ZONE "b" 50% LABEL ID: "PRE #2"	FUNCTION: PRESS-SELEC T ZONE "a" FOR DIMMING LABEL ID: "ZONE a"	FUNCTION: PRESS-SELEC T ZONE "b" FOR DIMMING LABEL ID: "ZONE b"	-	-	-	-	
3DP1	MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	30	15	RELAY CLOSED ON OCCUPANCY	-	-	TOGGLE PRESS TOP-ON, PRESS BOTTOM-OFF, HOLD TOP-RAISE, HOLD BOTTOM-LOW ER	PRESET SCENE #01 - ZONE "a" 0%, ZONE "b" 50%, ZONE "c" 100%	SELECT ZONE "a"	SELECT ZONE "b"	SELECT ZONE "c"	-	-	-	-	

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CONSTRUCTION DOCUMENTS (PROGRESS SET)

LIGHTING CONTROL SCHEDULES

EL602

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 SPECIFIED OTHERWISE. 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, DATA - CATEGORY 6A FUTP PLENUM, BLUE, DATA	SIEMON 9A6P4-A5-06-R1A
	STATION CABLE, DATA - CATEGORY 6A FUTP PLENUM, YELLOW, WIRELESS DATA	SIEMON 9A6P4-A5-05-R1A
	25 PAIR CATEGORY 3 RISER CABLE, GRAY	GENERAL CABLE OR EQUAL
	FIBER OPTIC CABLE, SINGLE-MODE, 24 STRAND, ARMORED, PLENUM CABLE, YELLOW	SIEMON 9BC8R024L-E205A
	FIBER OPTIC CABLE, SINGLE-MODE, 144 STRAND, ARMORED, INDOOR/OUTDOOR, BLACK	SIEMON 9GG8H144G-E201M
E	VOICE OUTLET, SINGLE GANG FACEPLATE, WHITE W/WALL HUNG PHONE MOUNTING STUDS, ONE POSITION W/CATEGORY 6A INSERT	SIEMON MX-WP-Z6AS-SS
	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 2 POSITION	SIEMON 10GMX-FPS02-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
C	DATA OUTLET, SURFACE MOUNT BOX, WHITE, 2 POSITION	SIEMON MX-SMZ2-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
F	DATA OUTLET, FURNITURE FACEPLATE, BLACK	SIEMON MX-UMA-01
	CATERGPRU 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	BLANK MODULE, BLACK	SIEMON MX-BL-01
C	DATA OUTLET, SURFACE MOUNT BOX, WHITE, 2 POSITION	SIEMON MX-SMZ2-02
	CATEGORY 6A JACK - DATA, YELLOW	SIEMON Z6A-S05
	DATA OUTLET, SURFACE MOUNT BOX, WHITE, 1 POSITION	SIEMON MX-SMZ1-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
SPP1	48 PORT, 1RU ANGLE PATCH PANEL WITH OUTLETS	SIEMON Z6AS-PA-48
RPP1	48 PORT, 1RU ANGLE PATCH PANEL, 110 STYLE	SIEMON HD5-24A
FPP1	FIBER PATCH PANEL, EXPANDED UNIT FOR FIBER SPLICE TRAY CAPACITY, 3RU	SIEMON RIC3-E-48-01
	SIX POSITION, 12 STRAND, FIBER SPLICE MODULE, LC	SIEMON FSM2-12-LCSM-01
	FIBER SPLICE TRAY	SIEMON TRAY-3
	BLANK ADAPTER PLATE, BLACK	SIEMON RIC-F-BLNK-01
HWM	BLANK ADAPTER PLATE, BLACK	SIEMON RIC-F-BLNK-01
	HORIZONTAL WIRE MANAGERS, 4RU	PANDUIT NCMHAEF4
VWM	VERTICAL WIRE MANAGERS, DOUBLE SIDED, BLACK	CHATSWORTH 40096-703
	EQUIPMENT RACK , 7' x 19", 45RU, 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
	TRIANGLE BRACKETS, BLACK	CHATSWORTH 11746-724
	END CLOSING KIT, CABLE RUNWAY, BLACK	CHATSWORTH 11700-724
	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
	PLYWOOD BACKBOARD, 4' X 8', GRADE AC, FIRE TREATED & PAINTED	
	TELECOMMUNICATIONS MAIN GROUNDING BUS BAR	
	TELECOMMUNICATIONS GROUNDING BUS BAR	

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

CABLE/OUTLET COLOR SCHEDULE

COLOR	TYPE
BLACK	TV COAX
BLUE	ANALOG PHONE
BLUE	DATA
BLUE	IP SECURITY CAMERAS
GREY	SECURITY CARD READERS
ORANGE	CLINICAL ENGINEERING / NURSE CALL
RED	FIRE SYSTEMS
RED	FORESEER
WHITE	PUBLIC ADDRESS
YELLOW	WIRELESS
GREEN	VENDOR NETWORK

ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

A	AUGMENTED
CAT	CATEGORY
E	ENHANCED
EA	EACH
ER	EQUIPMENT ROOM
FPP	FIBER PATCH PANEL
GIG	GIGA HERTZ
HWM	HORIZONTAL WIRE MANAGEMENT
NIC	NOT IN CONTRACT
OE	OWNER ELECTRONICS
PNM	PLENUM
PR	PAIR
PS	POWER SUPPLY
RPP	RISER PATCH PANEL
SPP	STATION PATCH PANEL
TDR	TELECOMMUNICATIONS DISTRIBUTION ROOM
TYP	TYPICAL
VWM	VERTICAL WIRE MANAGEMENT

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.

APPROVE: 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.

ELECTRONIC SYSTEMS: THE TERM "ELECTRONIC 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 PROJECT 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 IN ALL AIR PLENUMS. IF A PLENUM RATED CABLE IS NOT SPECIFIED, PROVIDE THE PLENUM RATED EQUIVALENT TO THE SPECIFIED CABLE.
3. LABEL ALL CABLE INSTALLED UNDER THIS CONTRACT REGARDLESS OF LENGTH.
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. IF OUTLET IS TERMINATED IN CEILING SPACE, LABEL THE T-BAR GRID WITH THE OUTLET NUMBER FOR EASY LOCATION AND IDENTIFICATION.
6. GROUND ALL EQUIPMENT RACKS INSTALLED UNDER THIS CONTRACT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS.
7. PROVIDE THE QUANTITY OF PATCH PANELS REQUIRED +20% FOR THE TOTAL DATA OUTLETS SHOWN ON FLOOR PLANS FOR THE PARTICULAR LEVEL.
8. RACK SPACE ALLOCATION SHOULD BE FOLLOWED PER DRAWINGS. IF YOU HAVE A SYSTEM THAT HAS NO RACK SPACE ALLOCATED PLEASE CALL BOE SAUSEDO AT 801-707-3805
9. ENSURE ALL BASKET TRAY AND COMMUNICATIONS CONDUITS HAVE BEEN GROUNDED TO THE TEC/TDR, USING A MINIMUM #6 CU.
10. CONTRACTOR TO LOOSELY BUNDLE ALL CABLES TOGETHER BY FLOOR OR ORIGINATION.
11. FOR EVERY CABLE PULL SPECIFIED, COIL 15' OF EXCESS CABLE AT THE STATION END FOR FUTURE USE AND 3'-0" OF EXCESS CABLE AT THE TDR END. NEATLY COIL AND SECURE CABLE ABOVE THE CEILING OR BELOW FLOOR WHERE APPLICABLE.
12. COORDINATE WITH ALL SUBS TO ENSURE THAT ALL CABLES ARE PROTECTED FROM ANY DIRECT PAINT OR INCIDENTAL OVERSPRAY.

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www.spectrum-engineers.com

REV	DATE	DESCRIPTION

VCBO NUMBER: 19800
CLIENT NUMBER: 00000
DATE: JANUARY 16, 2020

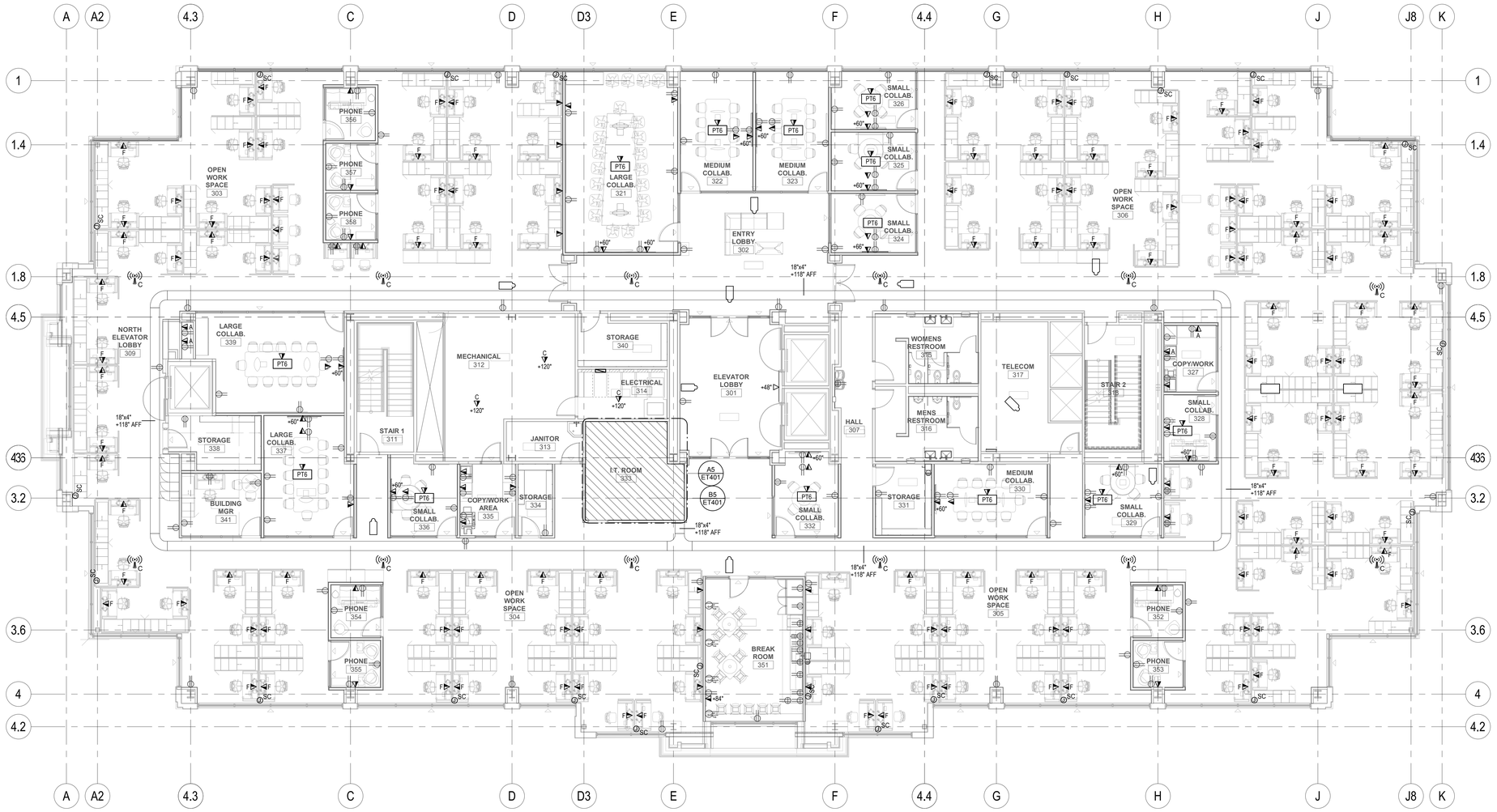
INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

TELECOM SCHEDULES AND NOTES

ET001



A1 LEVEL 03 - TELECOM PLAN

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

3/27/2020 5:01:25 PM C:\Users\sam2\Documents\20200424 Elec Central_sam2KYCWG.rvt

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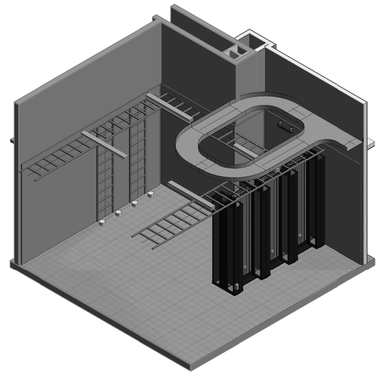
INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

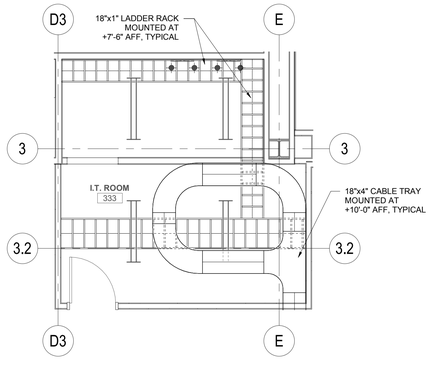
CONSTRUCTION DOCUMENTS (PROGRESS SET)

LEVEL 03 - TELECOM PLAN

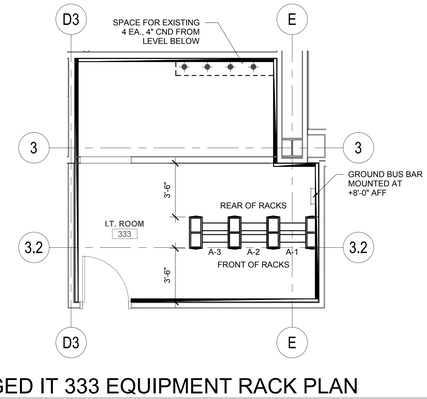
ET103



C5 ENLARGED IT ROOM 333 ISOMETRIC PLAN
SCALE:



B5 ENLARGED IT 333 LADDER RACK PLAN
SCALE: 1/4" = 1'-0"



A5 ENLARGED IT 333 EQUIPMENT RACK PLAN
SCALE: 1/4" = 1'-0"

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

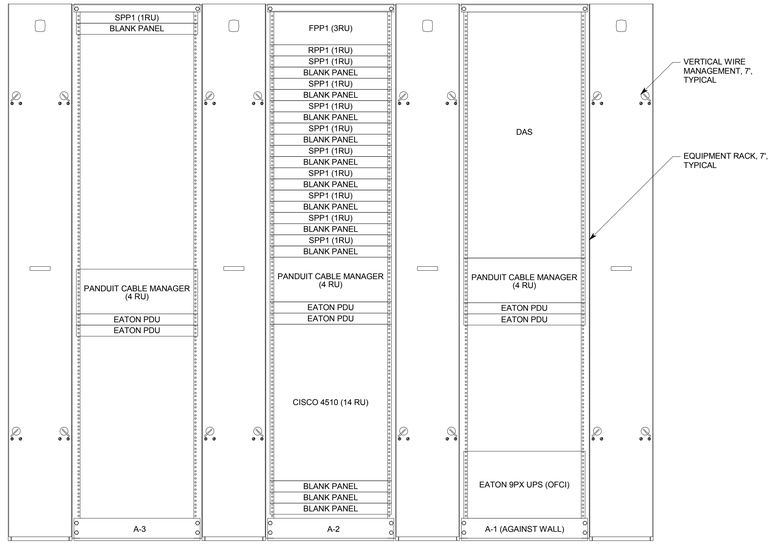
CONSTRUCTION DOCUMENTS (PROGRESS SET)

ENLARGED TELECOM PLANS

ET401

DATA DEVICE DROP SCHEDULE - I.T. 333

DATA DEVICE TYPE	DETAIL LOCATION	COMM ROOM LOCATION	TOTAL BY FLOOR	Num of Drops
PLAN - LEVEL 03 - RCP				
CEILING DATA (2-DROP)	SEE DETAIL C5/ET502	IT ROOM 333	3	6
CEILING DATA - CAMERA (1-DROP)	SEE DETAIL B5/ET502	IT ROOM 333	10	10
CEILING WIRELESS ACCESS POINT (2-DROP)	SEE DETAIL C6/ET502	IT ROOM 333	12	24
FLOOR DATA (2-DROP)	SEE DETAIL A6/ET502	IT ROOM 333	12	24
FURNITURE DATA (2-DROP)	SEE DETAIL A5/ET502	IT ROOM 333	125	250
WALL DATA (2-DROP)	SEE DETAIL A6/ET502	IT ROOM 333	56	112
WALL DATA - ABOVE COUNTER (2-DROP)	SEE DETAIL A6/ET502	IT ROOM 333	4	8
WALL DATA - EMERGENCY (1-DROP)	SEE DETAIL D6/ET502	IT ROOM 333	1	1
Grand total			223	435



A4 TELECOM RACK ELEVEVATION DETAIL, LEVEL 3, IT 333

NO SCALE

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

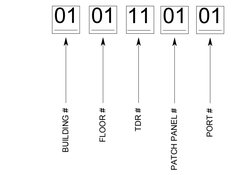
INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

TELECOM EQUIPMENT RACK ELEVATIONS

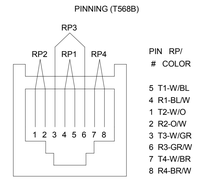
ET501

3/27/2020 5:01:36 PM C:\Users\sam\Documents\20200042 Elec Central_sam2XYCWG.rvt



E6 CABLE ID EXAMPLE DETAIL

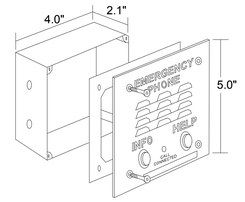
NO SCALE



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

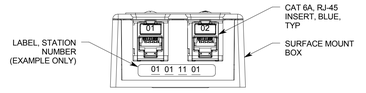
D5 TYPICAL VOICE-DATA OUTLET PINNING DETAIL

NO SCALE



D6 TYPICAL EMERGENCY DATA OUTLET

NO SCALE



C5 TYPICAL 2-PORT DATA OUTLET

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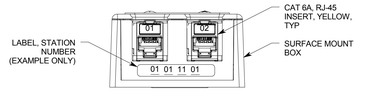
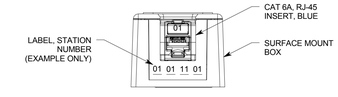


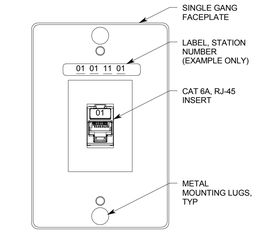
C6 TYPICAL 'WAP' DATA OUTLET

NO SCALE



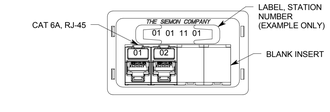
B5 TYPICAL 1-PORT CAMERA DATA OUTLET

NO SCALE



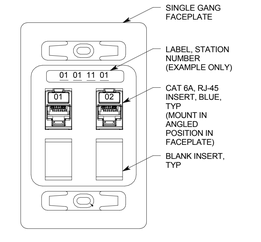
B6 TYPICAL WALL PHONE OUTLET

NO SCALE



A5 TYPICAL 2-PORT FURN DATA OUTLET

NO SCALE



A6 TYPICAL 2-PORT DATA OUTLET

NO SCALE

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REV	DATE	DESCRIPTION

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

TELECOM DETAILS

ET502

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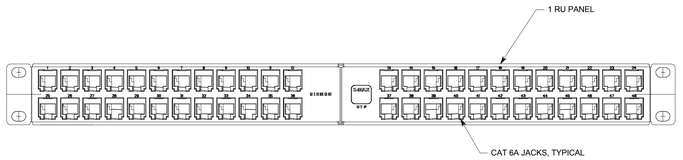
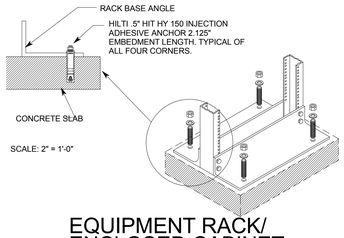


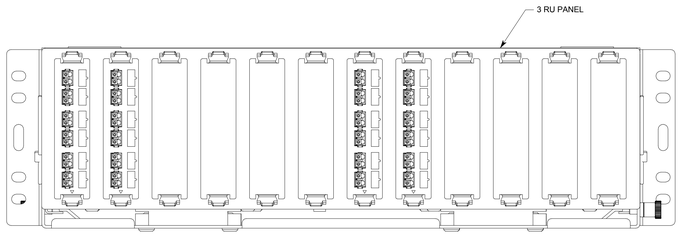
E5 STATION PATCH PANEL, (SPP1), TDR

NO SCALE



D4 EQUIPMENT RACK/ ENCLOSED CABINET ANCHORAGE DETAIL

NO SCALE



D5 FIBER PATCH PANEL, (FPP1), TDR

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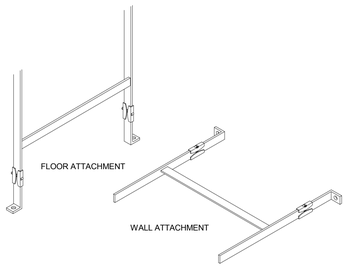
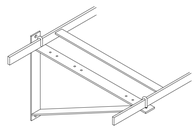


C3 FLOOR/ WALL ATTACHMENT DETAIL

NO SCALE



C4 TRIANGLE BRACKET DETAIL

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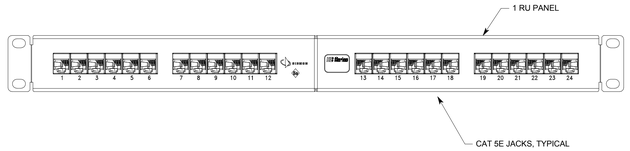

C5 RISER PATCH PANEL, (RPP1), TDR, TEC/TSER

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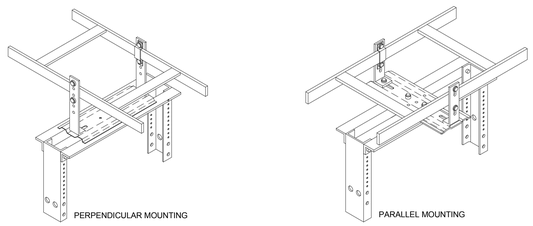
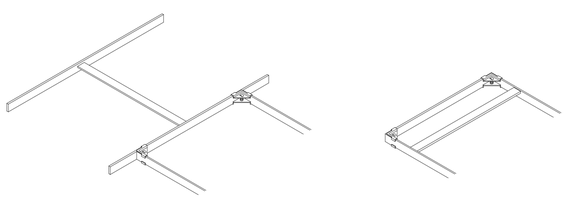


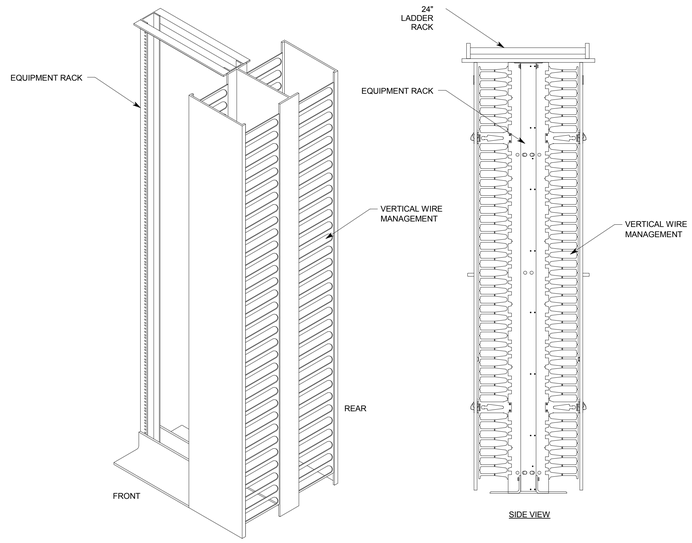
B3 6" CHANNEL RACK-TO-RUNWAY MOUNTING PLATE

NO SCALE



A3 CABLE RUNWAY END/ CLOSING SPLICE DETAIL

NO SCALE



A5 EQUIPMENT RACK/RACEWAY MOUNTING

NO SCALE

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TYLER SQUIRE
3/27/2020
STATE OF UTAH

SPECTRUM ENGINEERS
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800-678-7077
801-328-5151
fax: 801-328-5155
www.spectrum-engineers.com

REV	DATE	DESCRIPTION

VCBO NUMBER: 19800
CLIENT NUMBER: 00000
DATE: JANUARY 16, 2020

INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

TELECOM DETAILS

ET503

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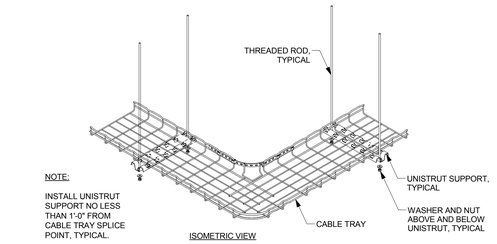
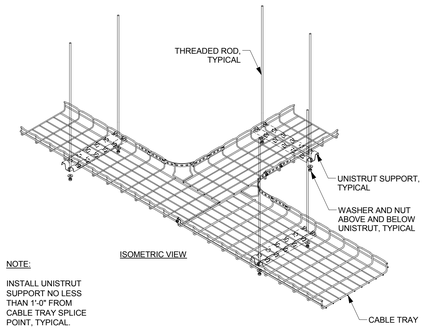


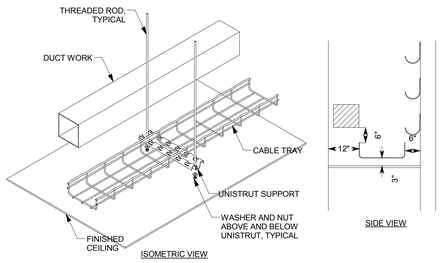
E5 CABLE TRAY 90 DEGREE BEND WITH SUPPORTS

NO SCALE



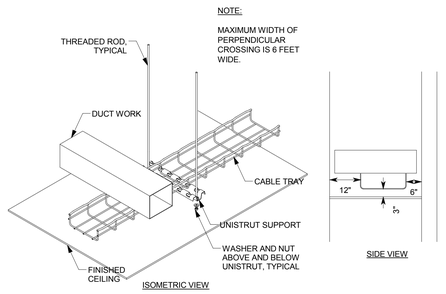
C1 CABLE TRAY INTERSECTION WITH SUPPORTS

NO SCALE



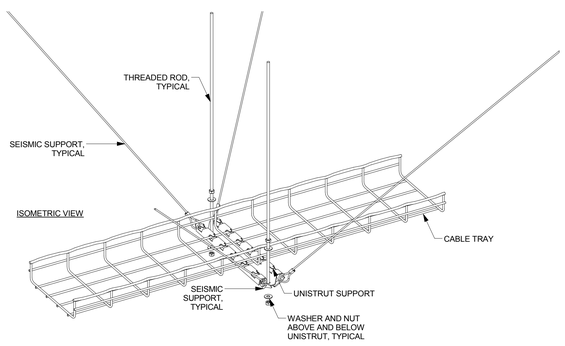
C3 TYPICAL CABLE TRAY WITH PARALLEL OBSTRUCTION

NO SCALE



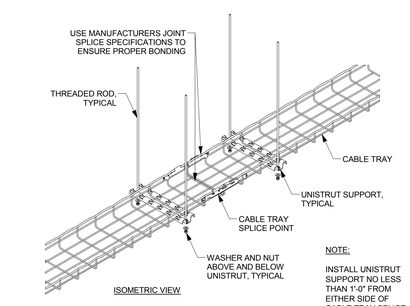
C5 TYPICAL CABLE TRAY WITH PERPENDICULAR CROSSING

NO SCALE



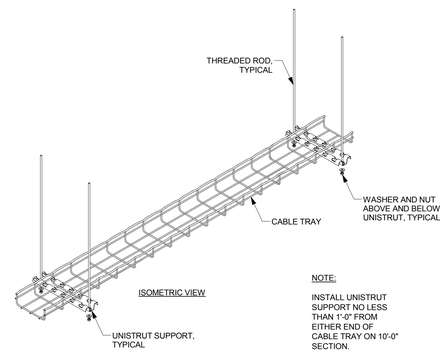
A1 CABLE TRAY WITH SEISMIC SUPPORTS

NO SCALE



A3 CABLE TRAY WITH SUPPORT AT SPLICE POINT

NO SCALE



A5 10' CABLE TRAY WITH SUPPORT AT ENDS

NO SCALE

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

TELECOM DETAILS

ET504

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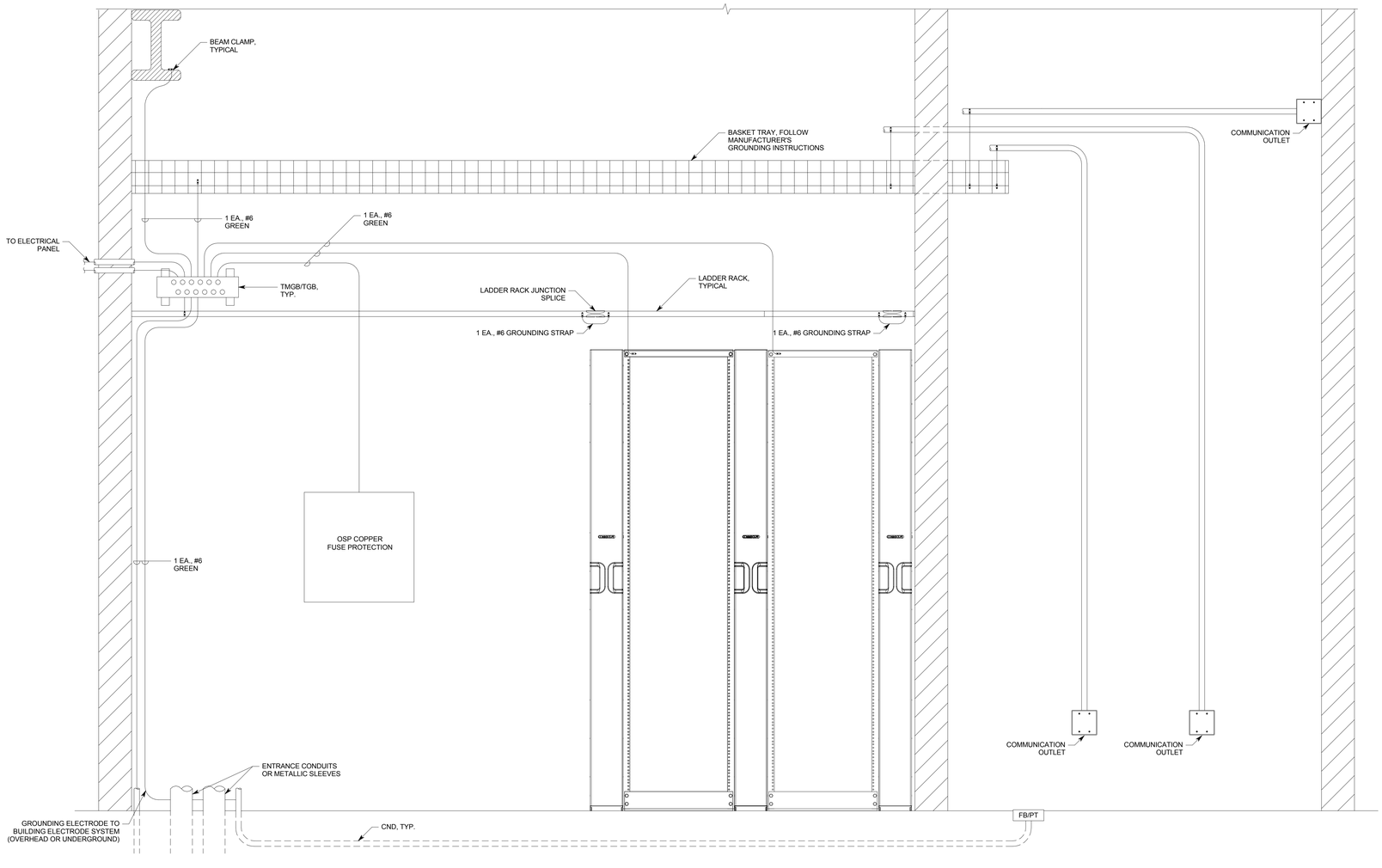
GENERAL NOTES:

1. ALL LOW VOLTAGE COMMUNICATIONS CONDUIT SHALL BE GROUNDED TO BASKET TRAY OR TELECOMMUNICATIONS GROUNDING BUS BAR.
2. "TMGB" SHOULD BE 1/4"x4"x24".
3. "TGB" SHOULD BE 1/4"x2"x24".
4. EMT CONDUIT GROUNDING CLAMP SHOULD BE ELECTROLYTIC CAST BRONZE. PANDUIT PART NUMBER GPL-"X"-"X", OR EQUAL.
5. RIGID CONDUIT GROUND CLAMP SHOULD BE O-Z/GEDNEY BLG-XXXX, OR HBLG-XXXX, OR EQUAL.
6. GROUNDING LUGS SHOULD BE TWO HOLE LONG BARREL LUGS. PANDUIT PART NUMBER LCC6, OR EQUAL.



A2 TELECOM EQUIPMENT RACK GROUNDING DETAIL

NO SCALE

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

TELECOM EQUIPMENT RACK GROUNDING DETAIL

ET505

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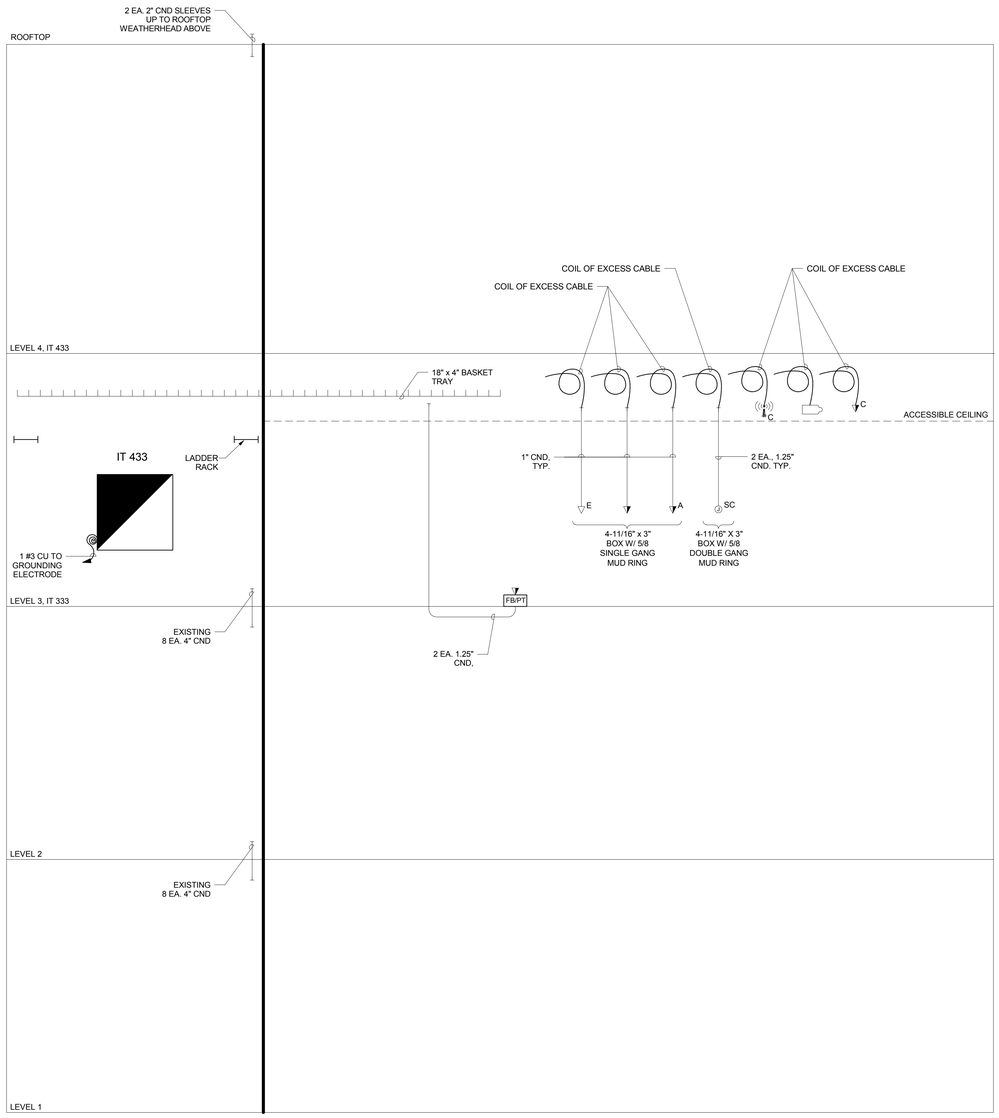
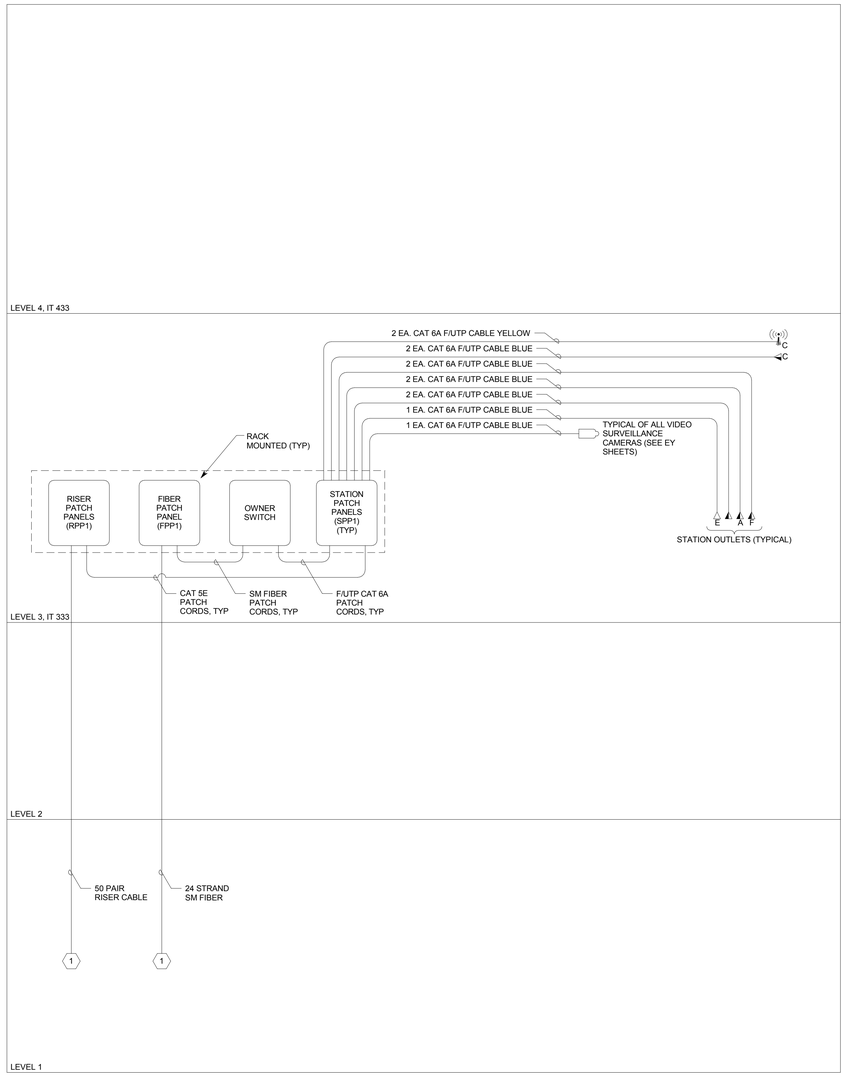
SHEET KEYNOTES

1. COPPER AND FIBER BACKBONE CABLE TO BE TERMINATED ON WALL. COORDINATE SPACE AND LOCATION IN ROOM ON LEVEL 1 WITH TERMINATIONS FROM LEVEL 4 IT 433..



A1 TELECOM CONDUIT RISER DIAGRAM

NO SCALE



A4 TELECOM CABLE RISER DIAGRAM

NO SCALE

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

TELECOM RISER DIAGRAMS

ET601

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SECURITY SHEET INDEX

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 SPECIFIED OTHERWISE. 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
#X	DATA OUTLET, FLUSH MOUNT BOX, SEE EY601 FOR ADDITIONAL INFORMATION	COMMSCOPE, PANDUIT, LEVITON, BELDEN
	DATA JACK CAT 6	COMMSCOPE, PANDUIT, LEVITON, BELDEN
CR	CARD READER, SEE EY601 FOR ADDITIONAL INFORMATION	
#XX	DOOR ROUGH-IN, SEE EY601 FOR ADDITIONAL INFORMATION	
ACS	ACCESS CONTROL SYSTEM DOOR CONTROLLER PANEL	

GENERAL PROJECT 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 SPECIFIED CABLE.
3. LABEL ALL CABLE INSTALLED UNDER THIS CONTRACT REGARDLESS OF LENGTH. ACCORDING TO WRITTEN SPECIFICATION.
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 SPECIFICATION.
6. PROVIDE THE QUANTITY OF PATCH PANELS REQUIRED +20% FOR THE TOTAL CABLES SHOWN ON FLOOR PLANS FOR THE PARTICULAR LEVEL.
7. COORDINATE WITH OWNER I.T. PERSONNEL ON RACK PATCH PANEL DENSITY PRIOR TO ANY CABLE TERMINATION.
8. FOR EVERY CABLE PULL SPECIFIED, COIL 10" OF EXCESS CABLE AT THE STATION END FOR FUTURE USE. NEATLY COIL AND SECURITY CABLE ABOVE CEILING OR BELOW THE FLOOR, WHERE APPLICABLE.
9. COORDINATE WITH ALL SUBS TO ENSURE THAT ALL CABLE SHALL BE PROTECTED FROM ANY DIRECT PAINT OR INCIDENTAL OVERSPRAY.
10. FACEPLATE COLOR WILL BE DETERMINED BY THE ARCHITECT AND OWNER. FACEPLATE COLOR SHOULD MATCH ELECTRICAL FACEPLATE COLOR, UNLESS OTHERWISE NOTED.

ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

A - AUGMENTED
CAT - CATEGORY
E - ENHANCED
EA - EACH
ER - EQUIPMENT ROOM
FPP - FIBER PATCH PANEL
GIG - GIGA HERTZ
HWM - HORIZONTAL WIRE MANAGEMENT
NIC - NOT IN CONTRACT
OE - OWNER ELECTRONICS
PNM - PLENUM
PR - PAIR
PS - POWER SUPPLY
RPP - RISER PATCH PANEL
SPP - TYPE S PATCH PANEL
TR - TELECOMMUNICATIONS ROOM
TYP - TYPICAL
VWM - VERTICLE WIRE MANAGEMENT

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.

APPROVE: 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.

ELECTRONIC SYSTEMS: THE TERM "ELECTRONIC 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...

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

SECURITY COVER SHEET

EY001

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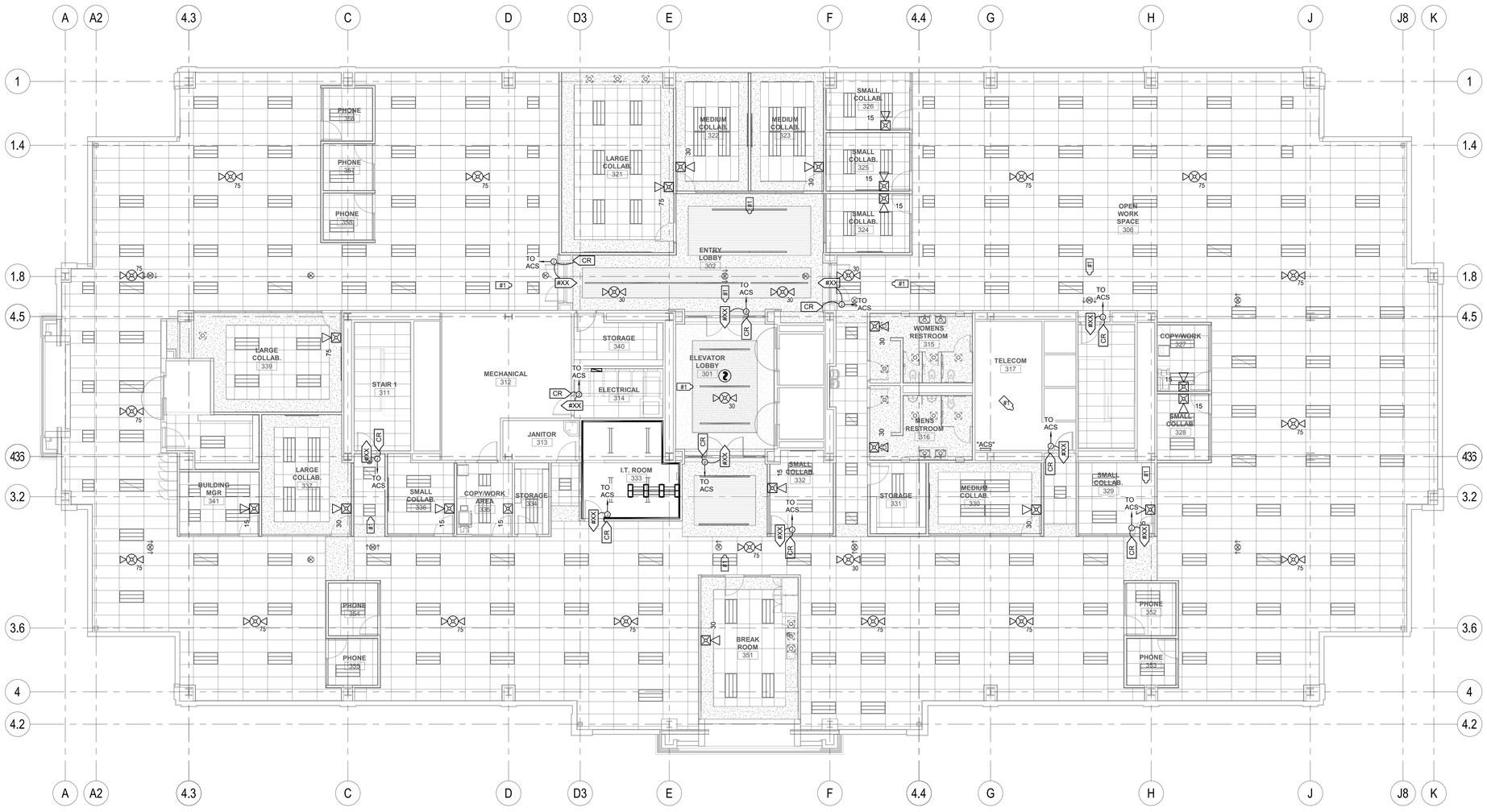
SHEET KEYNOTES	GENERAL SHEET NOTES



1 LEVEL 3 AUXILIARY PLAN
SCALE: 1/8" = 1'-0"

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

LEVEL 3 AUXILIARY PLAN

EY103

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NOTES

1. PROVIDE RACEWAY AND EQUIPMENT AS INDICATED FOR CARD ACCESS DOOR TYPE INDICATED. REFER TO SECTION 281300 AND CARD ACCESS LOCK CONTROL DETAILS FOR ADDITIONAL REQUIREMENTS.
2. PROVIDE CONCEALED .75" C TYPICAL FOR LINES SHOWN TO DEVICE BOXES ON PROTECTED SIDE AND UNPROTECTED SIDE ELEVATIONS.
3. CONFIRM CORRECT CARD ACCESS DOOR RACEWAY, LOCK VOLTAGE, AND EXIT SWITCH CURRENT RATING (2 AMPS MIN.) WITH DIV. 8 FURNISHED CARD ACCESS DOOR HARDWARE PER DIV. 8 DOOR HARDWARE SPECIFICATIONS.
4. LOCATE CARD READER BOX AS INDICATED ON FLOOR PLANS. RACEWAY AND BOXES BY DIV. 26. REFER TO 281300 FOR CARD ACCESS SYSTEM REQUIREMENTS.
5. DOUBLE 4SQ J-BOX ON PROTECTED SIDE OF DOORWAY (SIDE OPPOSITE OF CARD READER) ABOVE ACCESSIBLE CEILING OR IN OTHER ACCESSIBLE LOCATION. PROVIDE COVER FOR J-BOX.
6. ELECTRIC LOCKING HARDWARE (MAG LOCKS, ELECTRIC STRIKES, POWER TRANSFER HINGES, ETC.) BY DIV 8. REVIEW DOOR HARDWARE FURNISHED AND VERIFY LOCK VOLTAGES AND OPERATIONAL FUNCTIONALITY OF LOCKS. CONTACT ENGINEER WITH QUESTIONS OR CONCERNS.

ABBREVIATIONS

DBL	=	DOUBLE
DIR	=	DIRECTION
HDWR	=	HARDWARE
C	=	CONDUIT
4SQ	=	FOUR SQUARE
W/	=	WITH
1G	=	1 GANG
PWR	=	POWER
ACC	=	ACCESSIBLE
OCC	=	OCCUPANCY
TYP	=	TYPICAL
L/PS	=	LOCK POWER SUPPLY
CR	=	CARD READER
CI	=	DOOR CONTACT INDICATOR
EPT	=	ELECTRIC POWER TRANSFER
ES	=	ELECTRIC STRIKE
ED	=	EXIT DEVICE
ML	=	ELECTROMAGNETIC LOCK
KS	=	KEY SWITCH
ACS	=	ACCESS CONTROL SYSTEM
EL	=	ELECTRIC LOCKSET
MD	=	MOTION DETECTOR
TLC	=	TIME/SYSTEM LOCK CONTROL
ELC	=	EMERGENCY LOCK CONTROL
IDS	=	INTRUSION DETECTION SYSTEM
ADA	=	AUTO DOOR OPENER
REX	=	REQUEST TO EXIT
FA	=	FIRE ALARM SYSTEM
OFP	=	OBTAIN FROM PLANS
A/R	=	AS REQUIRED
EED	=	ELECTRIC EXIT DEVICE (SEE SECTION 87100)
AEL	=	ACCESS ELECTRIC LOCKSET (SEE SECTION 87100)
FH	=	FRAME HARNESS
DH	=	DOOR HARNESS
EH	=	ELECTRIC HINGE
LA	=	ELECTROLYNX ADAPTOR
CNT	=	CONTROLLER
HO	=	ELECTROMAGNETIC HOLDER
PTE	=	PUSH TO EXIT BUTTON (MAGLOCK)
RTO	=	REQUEST TO OPEN

CARD ACCESS DOOR TYPE SCHEDULE

DOOR TYPE #	SYMBOL	DESCRIPTION	PROTECTED SIDE ELEVATION	UNPROTECTED SIDE ELEVATION	LOCK TYPE(S)	DIVISION OF WORK AND COMMENTS
TYPE 1	CR, J, TO ACS, #1 HARDWARE SET: 05	SINGLE DOOR, 1 CARD READER (FREE EGRESS)	4SQ J-BOX ABOVE ACC CEILING; .75" C; EXIT MOTION 1G BOX; CONTACT INDICATOR 1G BOX IN FRAME; ELECTRIC STRIKE; MORTISE LOCK	4SQ J-BOX ABOVE ACC CEILING; .75" C (TYP); CARD READER 4SQ BOX W/ 1G RING; 40"	ELECTRIC STRIKE W/ LOCKSET	SECURITY CONTRACTOR PROVIDES: • CR, L/PS, CI, MD HARDWARE CONTRACTOR PROVIDES: • ES LOCK CONTROLLED BY: • CR
TYPE 2	CR, J, TO ACS, #2 HARDWARE SET: TI-1, TI-6	SINGLE DOOR, 1 CARD READER (FREE EGRESS)	4SQ J-BOX ABOVE ACC CEILING; .75" C (TYP); CONTACT INDICATOR 1G BOX IN FRAME; ELECTRIC EXIT DEVICE; ELECTRIC POWER TRANSFER 1G BOX IN FRAME	4SQ J-BOX ABOVE ACC CEILING; .75" C (TYP); CARD READER 4SQ BOX W/ 1G RING; 40"	ELECTRIC EXIT DEVICE	SECURITY CONTRACTOR PROVIDES: • CR, L/PS, CI HARDWARE CONTRACTOR PROVIDES: • EED, EPT LOCK CONTROLLED BY: • CR, FA
TYPE 3	CR, J, TO ACS, #3 HARDWARE SET: TI-4	SINGLE DOOR, 1 CARD READER W/ AUTO OPENER	4SQ J-BOX ABOVE ACC CEILING; .75" C; CONTACT INDICATOR 1G BOX IN FRAME; ELECTRIC LOCKSET; ELECTRIC POWER TRANSFER 1G BOX IN FRAME	4SQ J-BOX ABOVE ACC CEILING; .75" C (TYP); CARD READER 4SQ BOX W/ 1G RING; 40"	ELECTRIC STRIKE WITH EXIT DEVICE	SECURITY CONTRACTOR PROVIDES: • CR, L/PS, CI HARDWARE CONTRACTOR PROVIDES: • FH, EL LOCK CONTROLLED BY: • CR
TYPE 4	CR, J, TO ACS, #4 HARDWARE SET: TI-3, TI-7	DOUBLE DOOR, 1 CARD READER W/ AUTO OPENER	4SQ J-BOX ABOVE ACC CEILING; CONTACT INDICATORS 1G BOX IN FRAME; POWER TRANSFER 1G BOXES IN FRAME; (EGRESS SIDE); ELECTRIC EXIT DEVICE	4SQ J-BOX ABOVE ACC CEILING; .75" C (TYP); CARD READER 4SQ BOX W/ 1G RING; 40"	ELECTRIC EXIT DEVICE	SECURITY CONTRACTOR PROVIDES: • CR, CI, L/PS HARDWARE CONTRACTOR PROVIDES: • EED, EPT LOCK CONTROLLED BY: • CR, ADA, RTO, TLC
TYPE 5	CR, J, TO ACS, #5 HARDWARE SET: TI-8	DOUBLE DOOR, 1 CARD READER	.75" C; 4SQ J-BOX ABOVE ACC CEILING; CONTACT INDICATORS 1G BOX IN FRAME; POWER TRANSFER 1G BOX IN FRAME; (EGRESS SIDE); ELECTRIC LOCKSET	4SQ J-BOX ABOVE ACC CEILING; .75" C (TYP); CARD READER 4SQ BOX W/ 1G RING; 40"	ELECTRIC LOCKSET	SECURITY CONTRACTOR PROVIDES: • CR, CI, L/PS HARDWARE CONTRACTOR PROVIDES: • EL, EPT LOCK CONTROLLED BY: • CR
TYPE 6	J, TO ACS, #6 HARDWARE SET: 03	SINGLE DOOR, ALARMED (FREE EGRESS)	4SQ J-BOX ABOVE ACC CEILING; .75" C (TYP); CONTACT INDICATOR 1G BOX IN FRAME; ELECTRIC EXIT DEVICE; ELECTRIC POWER TRANSFER 1G BOX IN FRAME	4SQ J-BOX ABOVE ACC CEILING; 40"	ELECTRIC EXIT DEVICE	SECURITY CONTRACTOR PROVIDES: • L/PS, CI HARDWARE CONTRACTOR PROVIDES: • EED, EPT LOCK CONTROLLED BY: • FA

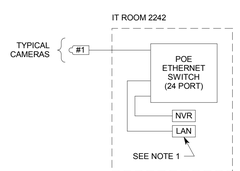
SECURITY EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION	MOUNTING *	ROUGH-IN	QTY	ACCEPTABLE TYPES
CR	CARD READER	40"	4SQ W/ 1G RING	OFP	SEE SECTION 281300
#1	CARD ACCESS DOOR TYPE. TYPICAL. REFER TO CARD ACCESS DOOR TYPE SCHEDULE.	SEE SCHEDULE	SEE SCHEDULE	OFP	REFER TO CARD ACCESS DOOR TYPE SCHEDULE & SECTION 281300
#1	VSS CAMERA/ENCLOSURE TYPE, TYPICAL. REFER TO VSS CAMERA/ENCLOSURE TYPE SCHEDULE.	SEE SCHEDULE	SEE SCHEDULE	OFP	SEE VSS CAMERA/ENCLOSURE TYPE SCHEDULE
ACS	CARD ACCESS CONTROLLERS & PWR SUPPLIES	72"	4"x4" GUTTER & STUBS A/R	A/R	SEE SECTION 281300

* COORDINATE MOUNTING HEIGHTS WITH ARCHITECTURAL ELEVATIONS BEFORE INSTALLATION.

VSS CAMERA SCHEDULE

TYPE	INTERIOR (INT)/ EXTERIOR (EXT)	DESCRIPTION	AXIS MODEL #
1	INT	FIXED DOME, VARIFOCAL, CEILING MOUNT	P3374

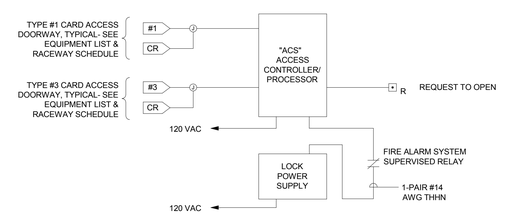


NOTES:

1. IP CONNECTION TO BUILDING LAN SHALL BE DETERMINED BY OWNER. (REQUIRED FOR REMOTE VIEWING OF CAMERAS ON OTHER PC'S.)

A4 VIDEO SURVEILLANCE SYSTEM (VSS) RISER DIAGRAM

NO SCALE



NOTES:

1. ACCESS CONTROL SYSTEM BASED UPON MULTIPLE CARD READERS PER ACCESS CONTROLLER/PROCESSOR. ALTERNATE CONFIGURATIONS ACCEPTABLE PROVIDED CONTRACTOR ALLOWS FOR ANY INCREASED WIRING OR EQUIPMENT AND PROVIDES SUBMITTAL DRAWINGS SHOWING NEW CONFIGURATION.
2. ACCESS CONTROLLER "ACS" INDICATED SHALL INCLUDE ANY ISOLATION MODULES, BUFFER MODULES, EXTERNAL POWER SUPPLIES, INPUT/OUTPUT MODULES, OR FORMAT CONVERTER MODULES (NOT SHOWN) REQUIRED TO SUPPORT CARD READER OR KEYPAD TYPES INDICATED, FOR COMPLETE AND FUNCTIONING CARD READER AND DOOR CONTROL.
3. PROVIDE SEPARATE WIRE PAIRS FOR REQUEST TO EXIT AND DOOR CONTACT INDICATOR, FROM ACCESS DOOR TO ACCESS CONTROLLER "ACS" PANEL. SINGLE PAIR, FROM ACCESS DOOR TO CONTROLLER PANEL, FOR REQUEST TO EXIT AND DOOR CONTACT INDICATOR, NOT ACCEPTABLE.
4. REQUEST TO EXIT AND DOOR CONTACT INDICATOR CIRCUITS SHALL BE SUPERVISED FOR OPEN CIRCUIT OR SHORT CIRCUIT FAULTS BETWEEN THE DEVICE CONTACTS AND ACCESS CONTROLLER.

A5 ACCESS CONTROL SYSTEM (ACS) DIAGRAM

NO SCALE

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524 SOUTH 600 EAST, SALT LAKE CITY, UT 84102
801.575.8800, VCBO.COM

LICENSED PROFESSIONAL ENGINEER
No. 8182456
TYLER SQUIRE
3/27/2020
STATE OF UTAH

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REV	DATE	DESCRIPTION

VCBO NUMBER: 19800
CLIENT NUMBER: 00000
DATE: JANUARY 16, 2020

INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

AUXILIARY RISER DIAGRAMS

EY601

SHEET KEYNOTES

1 WEBCAM TO BE MOUNTED BELOW MONITOR BY AV INSTALLER.

2 MASKING ELECTRONICS TO BE INSTALLED IN DATA RACK. COORDINATE WITH DATA INSTALLER.

3 AV CONNECTION PANEL TO BE INSTALLED IN TABLE TECHNOLOGY WELL BY AV INSTALLER.

4 AV CABLE TO BE PULLED THROUGH FLOOR BOX/POKE-THRU BY AV INSTALLER.

5 INSTALL JUNCTION BOX AT APPROXIMATELY +84" AFF TO CENTER OF BOX.

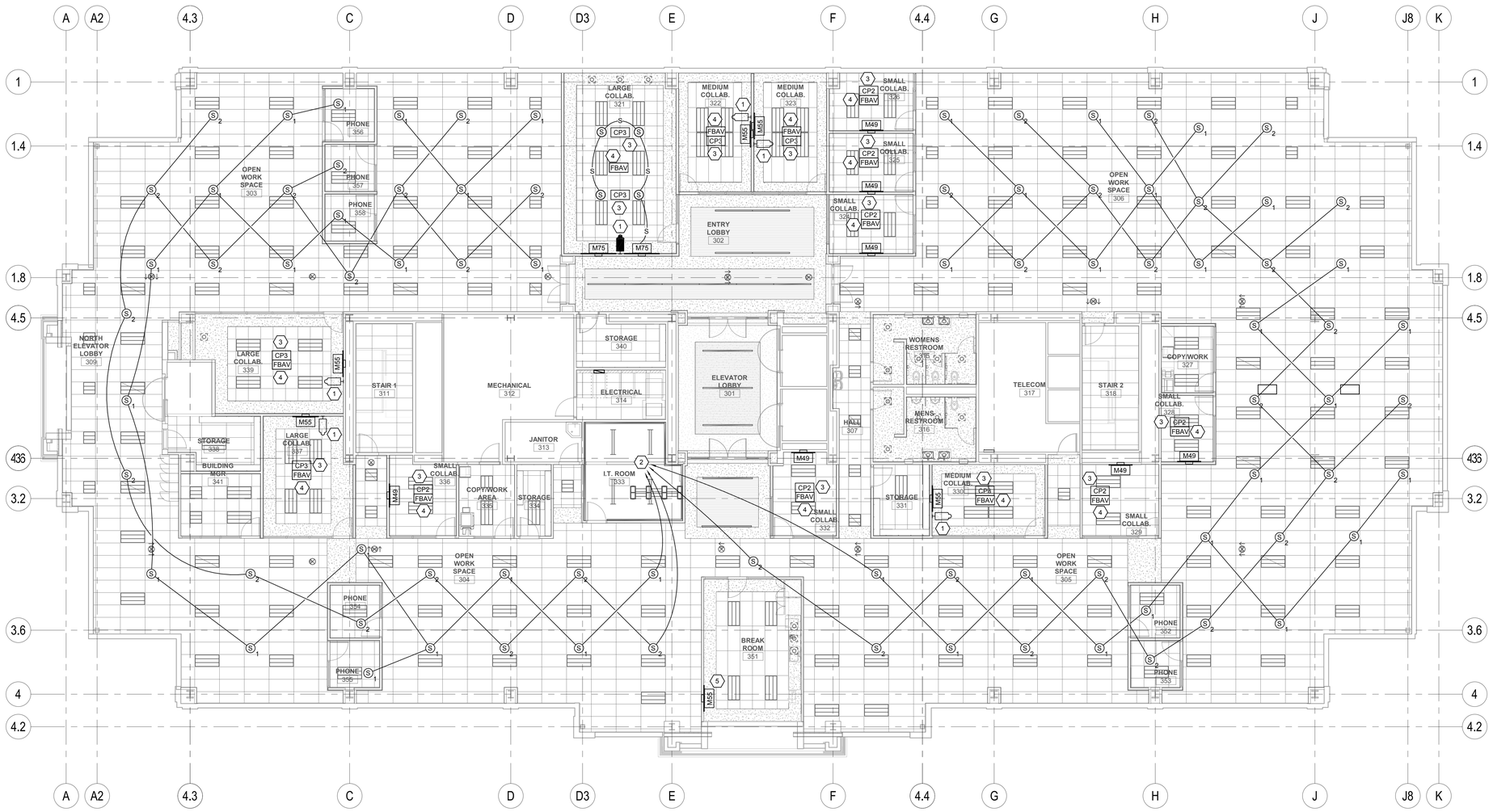
GENERAL SHEET NOTES

1 COORDINATE EXACT LOCATION OF ALL POKE-THRUS WITH ARCHITECT PRIOR TO INSTALLATION.

2 COORDINATE EXACT JUNCATION BOX LOCATIONS SO THAT THEY ARE EASILY ACCESSIBLE AND ARE NOT BEHIND DOORS, FURNITURE, LOWERED PROJECTION SCREENS, MONITORS, ETC.

3 ELECTRICAL INSTALLER TO ENSURE ALL WALL MOUNTED ELECTRICAL DEVICES (AV JUNCTION BOXES, DATA JACKS, ETC) ARE PLUMB, LEVEL, AND VERTICALLY ALIGNED WHERE APPLICABLE.

4 REFER TO THE TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL ON SHEET EE702 FOR ADDITIONAL REQUIREMENTS REGARDING DEVICE LOCATIONS.



A1 LEVEL 03 - AUDIO VISUAL ROUGH-IN PLAN
SCALE: 1/8" = 1'-0"

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383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

LEVEL 03 - AUDIO VISUAL ROUGH-IN PLAN

EJ103

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AUDIO-VIDEO ROUGH-IN SYSTEMS SCHEDULE

SYMBOL	DESCRIPTION	MOUNTING	SPECIAL INSTRUCTIONS
CP2 / CP3	TABLETOP CONNECTION PANEL	IN TABLE	FURNISHED AND INSTALLED BY AV INSTALLER
FBAV	FLOOR BOX OR POKE-THRU	FLOOR	REFER TO 'EP' SHEETS FOR TYPE AND LOCATION
S 1,2	MASKING SPEAKER	ABOVE CEILING	FURNISHED AND INSTALLED BY AV INSTALLER
S	SPEAKER LOCATION	FLUSH IN FINISHED CEILING	SPEAKER FURNISHED AND INSTALLED BY AV INSTALLER, TRIM RING INSTALLED BY ELECTRICAL, SEE DETAIL B5/EJ501
	CAMERA LOCATION	BELOW MONITOR	FURNISHED AND INSTALLED BY AV INSTALLER
	CAMERA LOCATION	BELOW MONITOR	FURNISHED AND INSTALLED BY AV INSTALLER
MXX	FLAT PANEL MONITOR JUNCTION BOX, CHIEF PAC 526FCW	FLUSH IN THE WALL AT APPROXIMATELY +60" AFF TO BOTTOM OF BOX, OR AS NOTED ON PLAN SHEETS	COORDINATE WITH STRUCTURAL BACKING, AND COORDINATE EXACT ELEVATION WITH ARCHITECTURAL ELEVATIONS, SEE DETAILS A3/EJ501 AND B4/EJ501
	CONDUIT, 3/4" MINIMUM	CONCEALED BEHIND FINISHED SURFACES, UNLESS OTHERWISE NOTED	REFER TO RISER DIAGRAMS FOR EXACT SIZES & QUANTITIES.

GENERAL SHEET NOTES

1. INSTALL ALL CONDUIT IN A CONCEALED FASHION. SURFACE MOUNTED CONDUIT WILL NOT BE ACCEPTED. CONDUITS AND BOXES ABOVE CEILING HEIGHT MAY BE INSTALLED EXPOSED AND PAINTED TO MATCH SURROUNDING EQUIPMENT.
2. MAINTAIN MAXIMUM SEPARATION BETWEEN A/V SYSTEM CONDUIT AND ALL POWER CONDUIT. MINIMUM SEPARATION REQUIREMENTS IS 24".
3. INSTALL NYLON PULL STRINGS IN ALL A/V SYSTEM CONDUIT.
4. INSTALL ALL EQUIPMENT IN COMPLIANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS, SEISMIC CODES, AND INDUSTRY WIDE ACCEPTED RIGGING PRACTICES. SUPPORT EQUIPMENT WEIGHT FROM STRUCTURE. DURING THE SUBMITTAL PROCESS, PROVIDE SHOP DRAWINGS WHICH DETAIL PROPOSED MOUNTING FOR ALL SUCH EQUIPMENT.
5. IF THE BOXES, ENCLOSURES, & CABINETS SPECIFIED ARE NOT PROVIDED FROM THE MANUFACTURER WITH THE REQUIRED KNOCK OUTS FOR THE SPECIFIED CONDUIT, FIELD CUT ALL REQUIRED KNOCK OUTS TO TERMINATE THE QUANTITY AND SIZES OF THE SPECIFIED CONDUITS.
6. THE ROUGH-IN LOCATIONS FOR PROJECTORS SHOWN ON THE FLOOR PLAN DRAWINGS ARE APPROXIMATE. COORDINATE WITH AV CONTRACTOR FOR ACTUAL PROJECTION DISTANCES. LOCATE ROUGH-IN FOR PROJECTORS IN COMPLIANCE WITH THE DISPLAY DEVICE SCHEDULE.
7. ALL ROUGH-IN SHALL BE IN COMPLIANCE WITH ANSI/TIA/EIA 569-B WHICH INCLUDES, BUT IS NOT LIMITED TO, ALL CONDUITS HAVING NO MORE THAN TWO 90 DEGREE BENDS.
8. ALL CONDUIT FOR AV ROUGH-IN SHALL BE EMT.
9. ALL CONNECTION PANELS SHALL BE WITHIN 12" OF POWER AND DATA OUTLETS. NOTIFY ENGINEER IF DISCREPANCY IS FOUND.
10. ALL AV CONDUITS SHALL BE INSTALLED USING SHORTEST RUNS POSSIBLE. THERE SHOULD BE NO UNNECESSARY BENDS IN CONDUIT RUNS.
11. CONDUITS AND JUNCTION BOXES SHOWN NO RISER DIAGRAMS ARE TYPICAL FOR EACH DEVICE IN ROOM.
12. COVER ALL JUNCTION BOXES WITH A BLANK NYLON COVER PLATE.

DEFINITIONS

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

APPROVE: 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."

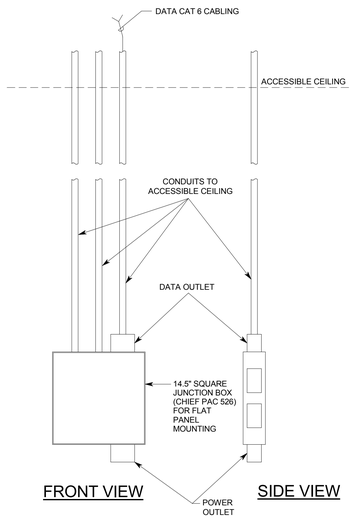
INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED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

ABBREVIATIONS

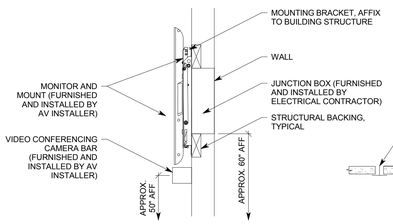
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

"A"	AMP OR AMPS	"IG"	INSULATED GROUND
"ADJ"	ADJACENT	"IMC"	INTERMEDIATE METAL CND
"AFF"	ABOVE FINISHED FLOOR	"IN/IS"	INSULATED/ISOLATED
"AL"	ALUMINUM	"KVA"	KILO VOLT AMPERES
"C"	CONDUIT	"KW"	KILOWATTS
"CB","C/B"	CIRCUIT BREAKER	"LFMC"	LIQUID TIGHT FLEXIBLE METAL CONDUIT
"CKT"	CIRCUIT	"LFNC"	LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT
"CO"	CONVENIENCE OUTLET	"MCA"	MINIMUM CIRCUIT AMPS
"C.O.R."	CONTRACTING OFFICER'S REPRESENTATIVE	"MLO"	MAIN LUGS ONLY
"CU"	COPPER	"N.C."	NORMALLY CLOSED
"EA"	EACH	"N.I.C."	NOT IN CONTRACT
"ELEC"	ELECTRICAL	"N.O."	NORMALLY OPEN
"EM"	EMERGENCY	"O.C."	ON CENTER
"EMT"	ELECTRICAL METALLIC TUBING	"OCP"	OVER CURRENT PROTECTION
"ENT"	ELECTRICAL NONMETALLIC TUBING	"QTY"	QUANTITY
"EQUIP"	EQUIPMENT	"R"	REMOVE
"EX"	EXISTING	"RMC"	RIGID METAL CONDUIT
"FA"	FIRE ALARM	"RNC"	RIGID NONMETALLIC CONDUIT
"FACP"	FIRE ALARM CONTROL PANEL	"RR"	REMOVE AND RELOCATE
"FLA"	FULL LOAD AMPS	"TYP"	TYPICAL
"FMC"	FLEXIBLE METAL CONDUIT	"UF"	UNDER FLOOR
"F.O.B."	FREIGHT ON BOARD	"UG"	UNDER GROUND
"GFI"	GROUND FAULT INTERRUPTER	"W/"	WITH
"GR"	GROUND	"WP"	WEATHER PROOF
"HOA"	HAND-OFF-AUTO	"XFMR"	TRANSFORMER
"HP"	HORSE POWER		



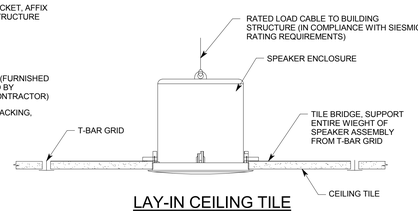
A3 FLAT PANEL WIRING DETAIL

NO SCALE — MXX



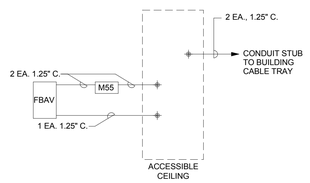
B4 FLAT PANEL INSTALLTION DETAIL

NO SCALE — MXX



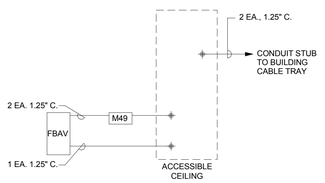
B5 CEILING SPEAKER INSTALLATION DETAIL

NO SCALE — S



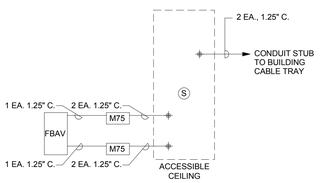
A4 MEDIUM COLLAB. ROOMS AV CONDUIT RISER DIAGRAM

NO SCALE



A5 SMALL COLLAB. ROOMS AV CONDUIT RISER DIAGRAM

NO SCALE



A6 TELEPRESENCE ROOM AV CONDUIT RISER DIAGRAM

NO SCALE

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

AUDIO VISUAL ROUGH-IN DETAILS AND DIAGRAMS

EJ601

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AUDIO AND VIDEO SYSTEM EQUIPMENT 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 ELECTRONIC SYSTEMS INSTALLATION. WHERE THE ITEMS INDICATED ARE ONE PORTION OF AN ASSEMBLY, THE ENTIRE ASSEMBLY SHALL BE PROVIDED UNLESS SPECIFIED OTHERWISE. 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	DESCRIPTION	QUANTITY	ACCEPTABLE TYPES
DTX / DRX	TWISTED PAIR DIGITAL VIDEO TRANSMITTER/ RECEIVER PAIR W/ MOUNTING HARDWARE	OFP	CRESTRON HD-MD-400-C-E
UTX / URX	TWISTED PAIR USB TRANSMITTER/ RECEIVER PAIR, W/ MOUNTING HARDWARE	OFP	VADDIO ICRON RAVEN 999-1005-032
	POWER AMPLIFIER, 70V, MONO, 60 WATT	OFP	EXTRON MPA 601
CP2 / CP3	CONNECTION PANELS #2, #3	OFP	EXTRON AAP PLATES, SEE DETAILS E6/TA601 AND E5/TA601
M49	FLAT PANEL DISPLAY, 49", LCD, MINIMUM 1080p	OFP	LG 49UT640S, OR AS APPROVED
	FIXED WALL MOUNT, LANDSCAPE	OFP	CHIEF MSTU W/ ALL NECESSARY ACCESSORIES, INCLUDING CAMERA SHELF
M55	FLAT PANEL DISPLAY, 55", LCD, MINIMUM 1080p	OFP	LG 55UT640S, OR AS APPROVED
	FIXED WALL MOUNT, LANDSCAPE	OFP	CHIEF MSTU W/ ALL NECESSARY ACCESSORIES, INCLUDING CAMERA SHELF
M75	FLAT PANEL DISPLAY, 80", LCD, MINIMUM 1080p	OFP	LG 75UH5C, OR AS APPROVED
	FIXED WALL MOUNT W/ MONITOR MATING PLATE	OFP	CHIEF LSA1U
	WEB CONFERENCING SOUND BAR WITH INTEGRATED CAMERA	OFP	CRESTRON UC-SB1-CAM
COD / CTRL / POEI	VIDEO CONFERENCING/ COLLABORATION SYSTEM, INCLUDING TRACKING CAMERA, AND CONTROL TOUCH PANEL	OFP	CISCO WEBEX ROOM KIT PLUS W/ CISCO WALL MOUNT AND PoE INJECTOR
MIC	VIDEO CONFERENCING MICROPHONE	OFP	CISCO TABLE MICROPHONE 20
CPU	SMALL FORMAT COMPUTER, OWNER FURNISHED AND INSTALLED	0	
DTX2	TWISTED PAIR DIGITAL VIDEO TRANSMITTER W/ MOUNTING HARDWARE	OFP	CRESTRON HD-TX-101-C-E
DRX2	TWISTED PAIR DIGITAL VIDEO RECEIVER W/ MOUNTING HARDWARE	OFP	CRESTRON HD-RX-101-C-E
	CONNECTORS, SEE NOTE 5	A/R	
	POWER SUPPLIES, MISC. TRANSFORMERS, SIGNAL SENSORS, PROTOCOL CONVERTERS, SEE NOTES 4, 7, 8	A/R	
	PATCH CORDS, SEE NOTE 6	A/R	
	ADAPTER CABLES, SEE NOTE 9	A/R	
	CABLE, SEE AUDIO-VIDEO SYSTEMS CABLE SCHEDULE	A/R	
	HDMI CONNECTOR SUPPORT BRACKETS	A/R	EXTRON LOCKIT
	NYLON BRAIDED EXPANDABLE SLEEVING	A/R	TECH FLEX FLEXO PET
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR AT MONITORS	OFP	SURGEX SA82 OR TRIPP LITE ISOBAR6
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR, 20 AMP, RACK MOUNT	OFP	TRIPP LITE IBAR12-20ULTRA

A/R = AS REQUIRED, OFP = OBTAIN FROM PLANS, OFCI = OWNER FURNISHED CONTRACTOR INSTALLED

AUDIO-VIDEO SYSTEMS CABLE SCHEDULE

CABLE TYPE	DESCRIPTION	ACCEPTABLE TYPES	SPECIAL INSTRUCTIONS
M	MICROPHONE CABLE, 22 AWG, SHIELDED, TWISTED PAIR W/ DRAIN	BELDEN 82761 LIBERTY 22-IP-CMP-EZ-WHY WEST PENN D25454	NOTE 19
L	LINE LEVEL CABLE, 22 AWG, SHIELDED, TWISTED PAIR W/ DRAIN	BELDEN 82761 LIBERTY 22-IP-CMP-EZ-WHY WEST PENN D25454	NOTE 19
S	SPEAKER CABLE, 70 V, 16 AWG, TWISTED PAIR	WEST PENN 25225 LIBERTY 16-2C-TTP	NOTE 19
C	CONTROL CABLE, 24 AWG, 4 PAIR, OVERALL SHIELD	BELDEN 88104 WEST PENN D252404	NOTE 19
D	DATA CABLE, CATEGORY 6	BELDEN 2400 SERIES WEST PENN 254246	NOTE 19
P	DIGITAL VIDEO CABLE, TWISTED PAIR, SHIELDED	EXTRON XTP DTP 24	NOTE 19
H	HDMI CABLE	KRAMER CP-AOCH/XL-XX	X=LENGTH NEEDED NOTE 19
U	USB CABLE	WEST PENN BELDEN	

AUDIO-VIDEO SYSTEM CABLE INSTALLATION REQUIREMENTS SCHEDULE

ORIGIN	DESTINATION	CABLE TYPE	QUANTITY	SPECIAL INSTRUCTIONS
CP2	DISPLAY	P	1	
CP3	DISPLAY	P	2	
ER	ER	U	1	
		L	1	
S	DISPLAY	S	1	ROUTE CABLES AS SHOWN ON PLAN SHEET

CABLE INSTALLATION REQUIREMENTS APPLY TO EVERY DEVICE LOCATION SHOWN IN EVERY ROOM.
ER = EQUIPMENT RACK

AV SYSTEMS SHEET INDEX

AUDIO-VIDEO SIGNAL TYPE ABBREVIATIONS SCHEDULE

ABBREVIATION	SIGNAL TYPE
AL	AUDIO, LEFT, (LINE LEVEL)
AR	AUDIO, RIGHT, (LINE LEVEL)
AA	ANALOG AUDIO
F	OPTICAL FIBER
V	VIDEO, COMPOSITE-STANDARD RESOLUTION ANALOG VIDEO
YC	S-VIDEO-STANDARD RESOLUTION ANALOG VIDEO
YUV	COMPONENT VIDEO-STANDARD RESOLUTION ANALOG VIDEO
RGBHV	RED, GREEN, BLUE, HORIZONTAL & VERTICAL SYNC-HIGH RESOLUTION ANALOG VIDEO
XGA/VGA	EXTENDED GRAPHICS ARRAY/VIDEO GRAPHICS ARRAY-HIGH RESOLUTION ANALOG VIDEO
DVI	DIGITAL VIDEO INTERFACE-HIGH RESOLUTION DIGITAL VIDEO
HDMI	HIGH DEFINITION MULTIMEDIA INTERFACE-HIGH RESOLUTION DIGITAL VIDEO
DP	DISPLAY PORT-HIGH RESOLUTION DIGITAL VIDEO
TP	TWISTED PAIR
IP	INTERNET PROTOCOL
SDI	SERIAL DIGITAL INTERFACE

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

APPROVE: 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."

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ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

"A"	AMP OR AMPS	"IG"	INSULATED GROUND
"ADJ"	ADJACENT	"IMC"	INTERMEDIATE METAL CND
"AFF"	ABOVE FINISHED FLOOR	"IN/IS"	INSULATED/ISOLATED
"AL"	ALUMINUM	"KVA"	KILO VOLT AMPERES
"C"	CONDUIT	"KW"	KILOWATTS
"CB","C/B"	CIRCUIT BREAKER	"LFMC"	LIQUID TIGHT FLEXIBLE METAL CONDUIT
"CKT"	CIRCUIT	"LFNC"	LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT
"CO"	CONVENIENCE OUTLET	"MCA"	MINIMUM CIRCUIT AMPS
"C.O.R."	CONTRACTING OFFICER'S REPRESENTATIVE	"MLO"	MAIN LUGS ONLY
"CU"	COPPER	"N.C."	NORMALLY CLOSED
"EA"	EACH	"N.I.C."	NOT IN CONTRACT
"ELEC"	ELECTRICAL	"N.O."	NORMALLY OPEN
"EM"	EMERGENCY	"O.C."	ON CENTER
"EMT"	ELECTRICAL METALLIC TUBING	"OCP"	OVER CURRENT PROTECTION
"ENT"	ELECTRICAL NONMETALLIC TUBING	"QTY"	QUANTITY
"EQUIP"	EQUIPMENT	"R"	REMOVE
"EX"	EXISTING	"RMC"	RIGID METAL CONDUIT
"FA"	FIRE ALARM	"RNC"	RIGID NONMETALLIC CONDUIT
"FACP"	FIRE ALARM CONTROL PANEL	"RR"	REMOVE AND RELOCATE
"FLA"	FULL LOAD AMPS	"TYP"	TYPICAL
"FMC"	FLEXIBLE METAL CONDUIT	"UF"	UNDER FLOOR
"F.O.B."	FREIGHT ON BOARD	"UG"	UNDER GROUND
"GFI"	GROUND FAULT INTERRUPTER	"W"	WITH
"GR"	GROUND	"WP"	WEATHER PROOF
"HOA"	HAND-OFF-AUTO	"XFMR"	TRANSFORMER
"HP"	HORSE POWER		

GENERAL AUDIO-VIDEO SYSTEMS NOTES

1. CONDUCT AN RF FREQUENCY AUDIT OF THE SITE PRIOR TO SELECTION OF WIRELESS RF OPERATING FREQUENCIES. SELECT FREQUENCIES TO ASSURE INTERFERENCE FREE OPERATION. INSTALL ANTENNAS/TRANSCEIVERS OUTSIDE OF THE EQUIPMENT RACK, AT AN ARCHITECT APPROVED LOCATION, WHERE THE BEST SYSTEM PERFORMANCE IS ACHIEVED.
2. FILL ALL UNUSED RACK SPACE WITH BLANK/VENT PANELS.
3. INSTALL/SUSPEND ALL EQUIPMENT IN COMPLIANCE WITH THE MANUFACTURERS WRITTEN INSTRUCTIONS, SEISMIC SPECIFICATION SECTION, AND INDUSTRY WIDE ACCEPTED RIGGING PRACTICES. SUPPORT EQUIPMENT WEIGHT FROM STRUCTURE ABOVE CEILINGS. DURING THE SUBMITTAL PROCESS, PROVIDE SHOP DRAWINGS WHICH DETAIL PROPOSED MOUNTING FOR ALL SUCH EQUIPMENT.
4. PROVIDE MANUFACTURER RECOMMENDED POWER SUPPLIES AND/OR TRANSFORMERS FOR ALL SPECIFIED EQUIPMENT.
5. FURNISH AND INSTALL ALL CABLE AND CONNECTORS REQUIRED FOR ALL AUDIO AND VIDEO SYSTEMS TO COMPLETE MANUFACTURER RECOMMENDED CABLE TO EQUIPMENT TERMINATION TO FORM A COMPLETE AND FULLY FUNCTIONAL SYSTEM AS SHOWN. SELECT CONNECTORS WHICH PASS FULL BANDWIDTH CAPABILITY OF SPECIFIED CABLE. PROVIDE CABLE TYPES AS IDENTIFIED IN THE AUDIO/VIDEO CABLE SCHEDULE.
6. PROVIDE PATCH CABLES TO FULLY INTERCONNECT ALL SPECIFIED AND/OR OWNER FURNISHED EQUIPMENT WITH THE SPECIFIED CONNECTION PANELS, SYSTEM INTERFACES, AND MISCELLANEOUS EQUIPMENT.
7. PROVIDE MANUFACTURER RECOMMENDED, AND INDUSTRY STANDARD, SIGNAL LEVELS AND COMMUNICATION PROTOCOLS THROUGHOUT ENTIRE SYSTEM REGARDLESS OF CABLE LENGTHS. PROVIDE ALL REQUIRED DISTRIBUTION AND PROCESSING EQUIPMENT, INCLUDING BUT NOT LIMITED TO SIGNAL DISTRIBUTION AMPLIFIERS, LINE AMPLIFIERS, LINE DRIVERS, EQUALIZING AMPLIFIERS, GROUND/HUM ISOLATORS, MATCHING/ISOLATION TRANSFORMERS, CONTROL BUS DEVICES, COMMUNICATIONS CONVERTERS, ETC..., WHETHER SHOWN IN THE SINGLE LINE DIAGRAMS OR NOT.
8. PROVIDE POWER, CURRENT, AND/OR SIGNAL SENSORS FOR ALL EQUIPMENT WHERE IT IS NECESSARY FOR CORRECT CONTROL SYSTEM OPERATION.
9. PROVIDE PRE-MANUFACTURED ADAPTER CABLES WHERE REQUIRED FOR MATING CABLE TO CONNECTORS. THESE WILL INCLUDE, BUT ARE NOT LIMITED TO, ADAPTERS WHICH MATE DVI OR DISPLAY PORT TO HDMI, STEREO AUDIO TO MONO AUDIO, CONNECTORS, AND OTHER SIMILAR TERMINATION AND MATING REQUIREMENTS.
10. PROVIDE RACK MOUNT KITS FOR ALL RACK MOUNTED EQUIPMENT. WHERE MANUFACTURERS DO NOT PROVIDE RACK MOUNT KITS, PROVIDE CUSTOM RACK MOUNT KITS AS SPECIFIED.
11. WHERE ANY CABLE IS INSTALLED IN A FASHION WHERE EXPOSED TO PUBLIC VIEW, INSTALL CABLE INSIDE THE SPECIFIED BRAIDED EXPANDABLE SLEEVING. EXAMPLES OF SUCH LOCATIONS INCLUDE, BUT ARE NOT LIMITED TO EQUIPMENT ITEMS ON LECTERNS AND CEILING MOUNTED PROJECTORS.
12. PROVIDE PERMANENT, MECHANICALLY PRODUCED LABELS ON ALL CABLES AT CONNECTORS AND TERMINATION POINTS.
13. CONTROL SPECIFIED DEVICES UTILIZING THE MOST SOPHISTICATED COMMUNICATIONS PROTOCOL AVAILABLE ON THE DEVICE TO BE CONTROLLED. ALWAYS USE RS-232 OR ETHERNET WHEN AVAILABLE.
14. COVER JUNCTION BOXES WITH NO SPECIFIED AV DEVICES WITH BLANK NYLON COVER PLATE. COLOR TO MATCH ELECTRICAL DEVICES.
15. PROVIDE THE SPECIFIED ETHERNET NETWORK SWITCHES IN ALL CONTROL SYSTEMS WHERE REQUIRED TO COMPLY WITH THE CONTROL SYSTEM SINGLE LINE DIAGRAMS SHOWN IN THE DRAWINGS, AND THE PROGRAMMING OUTLINE. CONNECT EVERY CONTROL SYSTEM PROCESSOR, TO THE OWNER'S ETHERNET NETWORK AND COMPLY WITH ALL PROGRAMING REQUIREMENTS.
16. CONNECT ALL SPECIFIED AV EQUIPMENT TO 120 VAC VIA A SPECIFIED TRANSIENT VOLTAGE SURGE SUPPRESSOR INCLUDING ALL MONITORS AND PROJECTORS.
17. SET EDID MINDERS FOR ALL EDID CAPABLE DEVICES TO A RESOLUTION DESIGNATED BY THE OWNER/DESIGNER DURING THE SYSTEM COMMISSIONING PROCESS.
18. SET ALL PLAYBACK DEVICES (DVD, TUNERS, ETC...) TO RGB COLOR SPACE.
19. PROVIDE THE PLENUM RATED EQUIVALENT CABLE IF CABLE IS INSTALLED IN AN AIR PLENUM.
20. VERY CAREFULLY SUPPORT THE WEIGHT OF ALL HDMI CABLES CONNECTED TO RACK MOUNTED EQUIPMENT USING LOCKIT CABLE LACING BRACKETS AND RACK MOUNTED LACING BARS. PROFESSIONALLY DRESS, LACE, AND STRAIN RELIEF CABLES SO THAT NO WEIGHT FROM INDIVIDUAL HDMI CABLES IS TRANSFERRED TO INDIVIDUAL HDMI CONNECTORS.INSTALL THE SPECIFIED HDMI CABLE LACING BRACKETS ON ALL HDMI CONNECTORS IN COMPLIANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.
21. SEE "EJ" SHEETS FOR AUDIO-VIDEO ROUGH-IN AND DEVICE LOCATIONS.

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REV	DATE	DESCRIPTION

VCBO NUMBER: 19800
CLIENT NUMBER: 00000
DATE: JANUARY 16, 2020

INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

SHEET INDEX, ABBREVIATIONS, AND GENERAL NOTES

TA001

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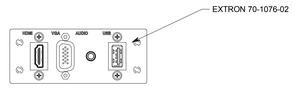
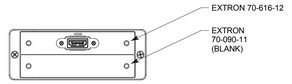


E5 CONNECTION PANEL #3 DETAIL

NO SCALE

CP3



E6 CONNECTION PANEL #2 DETAIL

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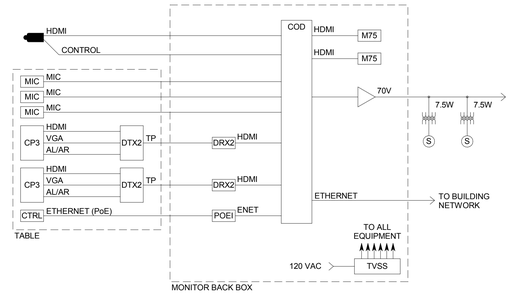
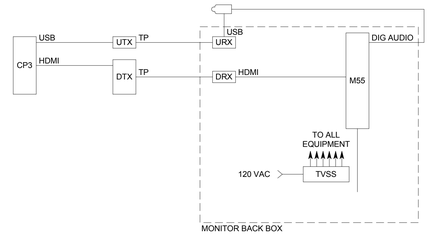
CP2



C5 TELEPRESENCE ROOM 321 AV SYSTEM RISER DIAGRAM

NTS



B5 LARGE & MEDIUM COLLABORATION ROOM AV SYSTEM RISER DIAGRAM

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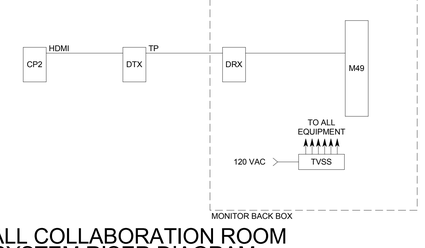

A5 SMALL COLLABORATION ROOM AV SYSTEM RISER DIAGRAM

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INTERMOUNTAIN ~ SHC 3RD FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123

CONSTRUCTION DOCUMENTS (PROGRESS SET)

AUDIO VISUAL SYSTEMS
DETAILS AND DIAGRAMS

TA601

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SOUND MASKING SYSTEM EQUIPMENT LIST

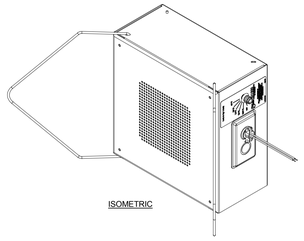
THE ITEMS INDICATED BELOW SHALL NOT BE CONSTRUED AS A "BILL OF MATERIALS". THIS LIST IDENTIFIES ITEMS OF SIGNIFICANCE USED DURING THE DESIGN OF THE ELECTRONIC SYSTEMS INSTALLATION. WHERE THE ITEMS INDICATED ARE ONE PORTION OF AN ASSEMBLY, THE ENTIRE ASSEMBLY SHALL BE PROVIDED UNLESS SPECIFIED OTHERWISE. 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.

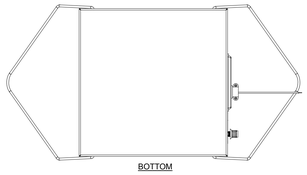
SYMBOL	DESCRIPTION	QUANTITY	ACCEPTABLE TYPES
NG	MASKING NOISE GENERATOR, MULTI-CHANNEL W/ EQUALIZATION	OFP	ATLAS SOUND ASP-MG24 TDB
S1,2	MASKING SPEAKER ASSEMBLY, UPWARD RADIATING W/ 8" SPEAKER, SUSPENSION CHAIN, AND ROTARY TAP SELECTION	OFP	ATLAS SOUND M1000, SEE DETAILS A5/TM001 AND C5/TM001
PA	POWER AMPLIFIER, 2-CHANNEL, 70V, MINIMUM 200 WATTS PER CHANNEL	OFP	CROWN DCi 2-300 QSC-CX302V
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR, 20 AMP	OFP	TRIPP LITE IBAR12-20ULTRA
	J-HOOKS, SEE DETAIL A5/TM001	A/R	CADDY HILTI
	SPEAKER CABLE, PLENUM RATED, 16AWG, TWISTED PAIR	A/R	BELDEN 6200UE WEST PENN 25226B

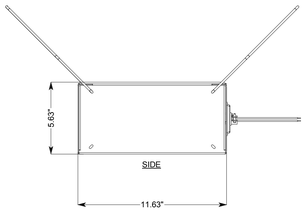
A/R = AS REQUIRED OFP = OBTAIN FROM PLANS RMK = RACK MOUNT KIT

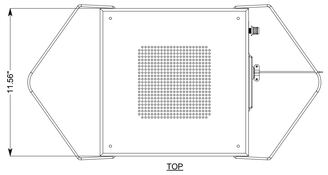
SOUND MASKING NOTES

1. CABLE SHALL BE INSTALLED IN ACCORDANCE WITH ANSI/TIA/EIA 569-A, WHICH INCLUDES, BUT IS NOT LIMITED TO, THE SEPARATION OF THE CABLE TYPES AND THE USE OF J-HOOKS SPACED AT A MAXIMUM OF 5'-0" INTERVALS. SUPPORT J-HOOKS DIRECTLY FROM THE BUILDING STRUCTURE, NOT FROM OTHER BUILDING SYSTEM SUPPORT WIRES OR CABLES.
2. INSTALL ALL EQUIPMENT IN COMPLIANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS, SEISMIC CODES, AND INDUSTRY-WIDE ACCEPTED RIGGING PRACTICES. SUPPORT EQUIPMENT WEIGHT FROM STRUCTURE DURING THE SUBMITTAL PROCESS, PROVIDE SHOP DRAWINGS WHICH DETAIL PROPOSED MOUNTING FOR ALL SUCH EQUIPMENT.



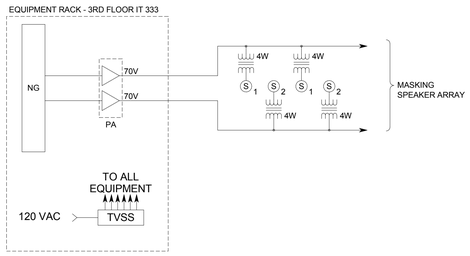






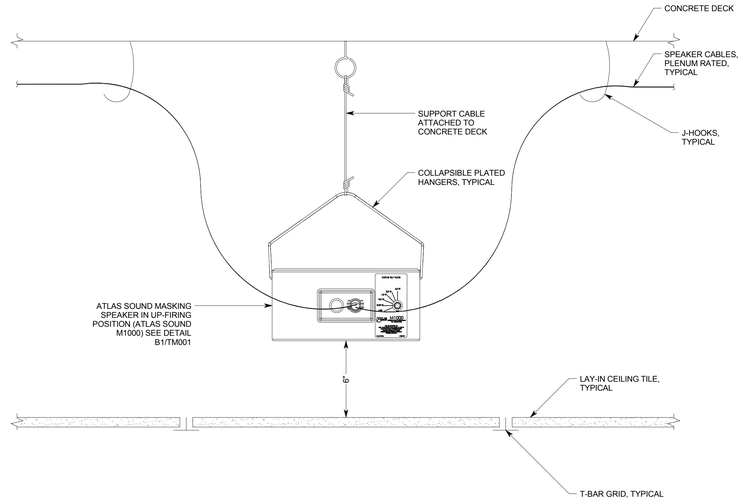
C5 SOUND MASKING SPEAKER DETAIL (ATLAS SOUND M1000)

NTS



A3 SOUND MASKING SYSTEM RISER DIAGRAM

NTS



A5 SOUND MASKING SPEAKER INSTALLATION DETAIL

NTS

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CONSTRUCTION DOCUMENTS (PROGRESS SET)

SOUND MASKING DETAILS, DIAGRAMS, NOTES, AND SCHEDULES

TM001

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