Intermountain Healthcare

Park City Hospital
Level 1 Registration Remodel

900 Round Valley Dr
Park City, Utah 84060

Construction Documents

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NJRA Project #	17221.00
Construction Documents	Feb 7, 2019

Cover Sheet

G001

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VICINITY MAP

ABBREVIATIONS

&	AND
@	AT
Ø	DIAMETER
(E), EXIST.	EXISTING
(N)	NEW
¢	PENNY
#	POUND OR NUMBER
A	
A.C	ACOUSTIC
ADD	ADDENDUM
A/C	AIR CONDITIONING
ALT.	ALTERNATE
AL	ALUMINUM
A.B.	ANCHOR BOLT
ARCH	ARCHITECT(URAL)
ASP.	ASPHALT
B	
BSMT.	BASEMENT
B.M.	BENCHMARK
BLKG.	BLOCKING
BD.	BOARD
B.O.	BOTTOM OF
BLDG.	BUILDING
C	
CAB'T	CABINET
C.I.P.	CAST IN PLACE
C.B.	CATCH BASIN
CLG.	CEILING
CL	CENTER LINE
C.T.	CERAMIC TILE
CH	CHANNEL
C.O.	CLEAN OUT
CLR.	CLEAR
CL.	CLOSET
COL.	COLUMN
CONC.	CONCRETE
CMU	CONCRETE MASONRY UNIT
COND.	CONDITION
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONT	CONTINUOUS
CJ	CONTROL JOINT
D	
D.P.	DAMP PROOFING
D.B.	DECK BEARING
DIAG.	DIAGONAL
DIA.	DIAMETER
DIM.	DIMENSION
DISP.	DISPENSER
DWL.	DOWEL
DN.	DOWN
D.S.	DOWN SPOUT
D.W.V.	DRAINAGE WASTE VENT
DWG.	DRAWING
E	
EA.	EACH
E.W.C.	ELEC. WATER COOLER
EL.	ELECTRIC
ELEV.	ELEVATION
EQ.	EQUAL
EQUIP.	EQUIPMENT
EXH.	EXHAUST
EXIST.	EXISTING
E.J.	EXPANSION JOINT
EXT.	EXTERIOR
F	
FT.	FEET
FIN.	FINISH(ED)
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
FIXT.	FIXTURE
FL.	FLASHING
G	
GALV.	GALVANIZED
GA.	GAUGE
G.C.	GENERAL CONTRACTOR
G.S.N.	GENERAL STRUCTURAL NOTES
GL.	GLASS
GD.	GRADE
GRL.	GRILLE
GRD.	GROUND
GYP.	GYPSUM
H	
HDW.	HARDWARE
HDWD.	HARDWOOD
HTR.	HEATER
HT.	HEIGHT
H.P.	HIGH POINT
H.M.	HOLLOW METAL
HORIZ.	HORIZONTAL
H.B.	HOSE BIB
H.W.	HOT WATER
HR.	HOUR
I	
IN.	INCH
I.D.	INSIDE DIAMETER
INSUL.	INSULATION
INT.	INTERIOR
INV.	INVERT
J	
JAN.	JANITOR
JT.	JOINT
JST.	JOIST
L	
LAM.	LAMINATED
LDG.	LANDING
LAV.	LAVATORY
LT.	LIGHT
L.W.C.	LIGHT WEIGHT CONCRETE
LVR.	LOUVER
M	
M.B.	MACHINE BOLT
MFR.	MANUFACTURER
M.O.	MASONRY OPENING
MATL	MATERIAL
MAX.	MAXIMUM
MECH.	MECHANICAL
MTL.	METAL
MIN.	MINIMUM
MLDG.	MOLDING
MULL.	MULLION
N	
N.G.	NATURAL GRADE
NOM.	NOMINAL
N/A	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
O	
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.F.S.	OVERFLOW SCUPPER
O.F.C.I.	OWNER FURNISHED, CONTRACTOR INSTALLED
P	
PT.	PAINT
PTD.	PAINTED
PR.	PAIR
PNL.	PANEL
¢	PENNY
P.L.	PLASTIC LAMINATE
PL.	PLATE
PLBG.	PLUMBING
P.S.I.	POUND PER SQUARE INCH
P.S.F.	POUNDS PER SQUARE FOOT
R	
RAD.	RADIUS
REC.	RECOMMENDATION
REG.	REGISTER
REQ'D	REQUIRED
R.A.	RETURN AIR
REV.	REVISION
R.D.	ROOF DRAIN
RFG.	ROOFING
RM.	ROOM
RGH.	ROUGH
RND.	ROUND
S	
SCR.	SCREW
SECT.	SECTION
SEL.	SELECT
SHT.	SHEET
SIM.	SIMILAR
SLDG.	SLIDING
SM.	SMOOTH
SPEC.	SPECIFICATION
SPL.	SPLASH
SQ.	SQUARE
S.S.	STAINLESS STEEL
STD.	STANDARD
STRUC.	STRUCTURE
S.A.	SUPPLY AIR
SUSP.	SUSPENDED
SW.BD.	SWITCHBOARD
T	
TELCO	TELEPHONE COMPANY
T.G.	TEMPERED GLASS
T&G	TONGUE & GROOVE
T&B	TOP & BOTTOM
T.O.	TOP OF
T.O.C.	TOP OF CURB
T.O.D.	TOP OF DECK
T.O.P.	TOP OF PARAPET
TYP.	TYPICAL
U	
U.N.O.	UNLESS NOTED OTHERWISE
V	
V.	VENT
V.T.R.	VENT THROUGH ROOF
VERT.	VERTICAL
V.G.	VERTICAL GRAIN
VEST.	VESTIBULE
V.C.T.	VINYL COMPOSITION TILE
V.C.P.	VITREOUS CLAY PIPE
W	
W.C.	WATER CLOSET
W.H.	WATER HEATER
W.P.	WATER PROOF
W.R.	WATER RESISTANT
W.W.F.	WELDED WIRE FABRIC
W.F.	WIDE FLANGE
WDW.	WINDOW
W/	WITH
W/O	WITHOUT
WD.	WOOD

DEFERRED SUBMITTALS

1. FIRE SUPPRESSION SYSTEM

DEFINITIONS

1. GENERAL: BASIC CONTRACT DEFINITIONS ARE INCLUDED IN THE CONDITIONS OF THE CONTRACT.
2. "APPROVED": WHEN USED TO CONVEY ARCHITECT'S ACTION ON CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, "APPROVED" IS LIMITED TO ARCHITECT'S DUTIES AND RESPONSIBILITIES AS STATED IN THE CONDITIONS OF THE CONTRACT.
3. "DIRECTED": A COMMAND OR INSTRUCTION BY ARCHITECT. OTHER TERMS INCLUDING "REQUESTED," "AUTHORIZED," "SELECTED," "REQUIRED," AND "PERMITTED" HAVE THE SAME MEANING AS "DIRECTED."
4. "INDICATED": REQUIREMENTS EXPRESSED BY GRAPHIC REPRESENTATIONS OR IN WRITTEN FORM ON DRAWINGS, IN SPECIFICATIONS, AND IN OTHER CONTRACT DOCUMENTS. OTHER TERMS INCLUDING "SHOWN," "NOTED," "SCHEDULED," AND "SPECIFIED" HAVE THE SAME MEANING AS "INDICATED."
5. "REGULATIONS": LAWS, ORDINANCES, STATUTES, AND LAWFUL ORDERS ISSUED BY AUTHORITIES HAVING JURISDICTION, AND RULES, CONVENTIONS, AND AGREEMENTS WITHIN THE CONSTRUCTION INDUSTRY THAT CONTROL PERFORMANCE OF THE WORK.
6. "FURNISH": SUPPLY AND DELIVER TO PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS.
7. "INSTALL": UNLOAD, TEMPORARILY STORE, UNPACK, ASSEMBLE, ERECT, PLACE, ANCHOR, APPLY, WORK TO DIMENSION, FINISH, CURE, PROTECT, CLEAN, AND SIMILAR OPERATIONS AT PROJECT SITE.
8. "PROVIDE": FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE.
9. "PROJECT SITE": SPACE AVAILABLE FOR PERFORMING CONSTRUCTION ACTIVITIES. THE EXTENT OF PROJECT SITE IS SHOWN ON DRAWINGS AND MAY OR MAY NOT BE IDENTICAL WITH THE DESCRIPTION OF THE LAND ON WHICH PROJECT IS TO BE BUILT.

GENERAL NOTES

A. STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS (IF PRESENT) ARE SUPPLEMENTAL TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF MECHANICAL OR ELECTRICAL CONSTRUCTION. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND CONSULTING ENGINEERS' DRAWINGS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION. ANY CONSTRUCTION INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE GENERAL CONTRACTOR AT HIS/HER OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR ARCHITECT.

B. ALL WORK SHALL COMPLY WITH THE CURRENT ADA ACCESSIBILITY GUIDELINES (AMERICANS WITH DISABILITIES ACT).

C. REFER TO THE CODE COMPLIANCE PLAN FOR APPLICABLE CODES GOVERNING THIS WORK. CODE REQUIREMENTS AND REGULATIONS SHALL BE CONSIDERED AS MINIMUM. WHERE THE CONTRACT DOCUMENTS EXCEED (WITHOUT VIOLATING) CODE AND REGULATION REQUIREMENTS, CONTRACT DOCUMENTS SHALL TAKE PRECEDENCE. IF CONFLICT EXIST, THE MORE STRINGENT SHALL APPLY.

D. THE CONTRACTOR SHALL PROVIDE ADEQUATE BARRICADES AND PROTECTIVE DEVICES SEPARATING CONSTRUCTION AREAS. TEMPORARY PASSAGES SHALL BE PROVIDED AS REQUIRED. PRIOR TO DELIVERY OF MATERIALS TO CONSTRUCTION ZONE AND REMOVAL OF WASTE FROM SITE, THE CONTRACTOR SHALL CHECK WITH THE OWNER FOR AN ACCEPTABLE ROUTE AND TIME.

E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER LOCATION AND SIZE OF OPENINGS FOR ALL TRADES AND SHALL COORDINATE ALL CONSTRUCTION AS INDICATED BY THE CONTRACT DOCUMENTS, INCLUDING SHOP DRAWINGS REVIEWED BY THE ARCHITECT.

F. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.

G. FOR ALL REMODEL WORK AS OCCURS, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ALL MEASURES TO ACCOMPLISH THE WORK WITH THE MINIMUM OF INTERRUPTION TO NORMAL BUILDING PROCEDURES. SYSTEM SHUTDOWNS OF HVAC, PLUMBING, ELECTRICAL, AND NOISY CONSTRUCTION INCLUDING ROTO HAMMER, SAW CUTTING, CONCRETE ANCHORS, ETC. SHALL BE COORDINATED WITH THE OWNER AT LEAST 72 HOURS PRIOR TO COMMENCEMENT.

H. ALL DIMENSIONS ARE SHOWN TO FACE OF GYPSUM BOARD OF NEW CONSTRUCTION OR STRUCTURAL WALL, UNLESS NOTED OTHERWISE.

I. ALL DRAWINGS, THOUGH NOTED TO SCALE ARE FOR ILLUSTRATION ONLY. THE CONTRACTOR SHALL NOT SCALE DRAWINGS.

J. WHEN A DETAIL IS IDENTIFIED AS TYPICAL, THE CONTRACTOR IS TO APPLY THIS DETAIL IN ESTIMATING AND CONSTRUCTION TO EVERY LIKE CONDITION WHETHER OR NOT THE REFERENCE IS REPEATED IN EVERY INSTANCE.

K. DRAWINGS HAVE BEEN DETAILED IN COMPLIANCE WITH U.L. LISTING REQUIREMENTS AND ICBO REPORTS FOR THE MATERIALS SPECIFIED. IF AN ALTERNATE OR SUBSTITUTED MATERIAL IS ACCEPTED AS AN EQUAL BY THE GENERAL CONTRACTOR, HE/SHE WILL ASSUME THE RESPONSIBILITY FOR WHATEVER CONSTRUCTION MODIFICATION AND/OR ADDITIONAL COSTS ARE REQUIRED.

L. ALL TRASH SHALL BE REMOVED DAILY. BUILDING MATERIALS MAY NOT BE STORED IN THE CORRIDORS AT ANY TIME. BLOCKAGE OF ANY REQUIRED EXIT IS PROHIBITED.

M. ALL PENETRATIONS INTO SOUND OR FIRE RATED PARTITIONS, FLOORS OR CEILING ASSEMBLIES SHALL BE SEALED WITH APPROVED PERMANENT RESILIENT SEALANT. REFER TO IBC CURRENT VERSION FOR REQUIREMENTS FOR OPENINGS IN FIRE RATED WALLS. FOR OPENINGS LESS THAN 16 SQUARE INCHES, THE SPACE BETWEEN THE WALL AND ALLOWED PENETRATIONS MUST BE SEALED TO PREVENT THE MOVEMENT OF HOT FLAME OR GASES. ELECTRICAL DEVICES, RECESSED CABINETS, ETC. SHALL BE SEALED, LINED, INSULATED OR OTHERWISE TREATED TO MAINTAIN THE INTEGRITY OF THE ASSEMBLY. SEE PENETRATION DETAILS.

N. ABBREVIATIONS THROUGHOUT THE PLAN ARE THOSE IN COMMON USE. THE ARCHITECT SHALL DEFINE THE INTENT OF ANY IN QUESTION.

O. THE CONTRACTOR SHALL VERIFY SIZES AND LOCATIONS OF WATER AND DRAIN INSTALLATIONS AND OTHER REQUIRED SERVICES WITH EQUIPMENT MANUFACTURERS.

P. MAINTAIN ALL EXISTING SPRAY-APPLIED FIRE PROOFING ON STEEL STRUCTURAL MEMBERS. WHERE EXISTING FIRE PROOFING IS REMOVED FOR INSTALLATION OF NEW BEAMS, INISTRUTS, ETC. THE CONTRACTOR SHALL PATCH AGAIN WITH EQUIVALENT FIRE PROOFING MATERIAL TO MATCH ADJACENT EXISTING MATERIAL.

Q. ALL WOOD CANTS, NAILERS, CURBS, ETC. THROUGHOUT JOB SHALL BE FIRE RETARDANT PRESSURE-TREATED, AS PER I.B.C. CURRENT VERSION SEE RELEVANT DETAILS.

R. CONTRACTOR SHALL REFER TO THE PROJECT MANUAL FOR A COMPLETE LIST OF GENERAL CONDITIONS, SPECIAL CONDITIONS AND OTHER NOTES.

DRAWING INDEX

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NJRA Project # 17221.00
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General Information

G002

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LEGEND - MATERIALS

HATCH PATTERN BELOW INDICATES REPRESENTATION OF BUILDING MATERIALS IN BUILDING SECTIONS, WALL SECTIONS AND DETAILS.

- Concrete
- EIFS
- Gypsum Board
- Precast
- Steel
- Blocking
- Earth
- Stone
- Finish Wood
- Gravel
- Masonry Concrete Block
- Batt Insulation
- Masonry Brick
- Insulation Rigid

GENERAL INFORMATION SYMBOLS & TAGS

SHEET NUMBERING SYSTEM

A100A

- PROJECT AREA
- SHEET NUMBER SEQUENCE
- SHEET TYPE
- DISCIPLINE

GRID TAG

- GRID REFERENCE MARK
- GRID LINE

NORTH ARROW

NORTH

BUILDING SECTIONS

SECTION TAGS ARE INDICATED ON OVERALL DIMENSION FLOOR PLANS

- BUILDING SECTION
- SHEET WHERE DRAWN

WALL SECTIONS

SECTION TAGS ARE INDICATED ON DIMENSION FLOOR PLANS

- WALL SECTION
- SHEET WHERE DRAWN

DETAIL TAGS

- DETAIL NUMBER
- SHEET WHERE DRAWN

EXTERIOR ELEVATION TAGS

TAGS ARE INDICATED ON OVERALL DIMENSION FLOOR PLANS

- EXTERIOR ELEVATION NUMBER
- SHEET WHERE DRAWN

DETAIL TAGS

- DETAIL NUMBER
- SHEET WHERE DRAWN

INTERIOR ELEVATION TAGS

TAGS ARE INDICATED ON FINISH FLOOR PLANS

- INTERIOR ELEVATION NUMBER
- SHEET WHERE DRAWN

ROOM TAG

- ROOM NAME
- ROOM NUMBER
- ROOM AREA

DATUM POINT TAG

CEILING TAG

- HEIGHT ABOVE FINISH FLOOR

SPOT ELEVATION

100'-0" T.O.W.

VERTICAL ELEVATION

LEVEL ELEVATION

CENTER LINE

FLOW ARROW

WATER DRAINAGE DIRECTION SHOWN ON SITE AND ROOF PLANS

FLOOR PLAN MATCHLINE

- DETAIL LOCATION NUMBER
- SHEET WHERE DRAWN

REVISION TAG

- CLOUD INDICATES DRAWING REVISION AREA
- REVISION NUMBER

KEYED NOTES

PROJECT SPECIFIC NOTES INDICATED ON PLANS, SECTIONS AND ELEVATIONS.

- DIVISON #
- DIVISION NOTE

DETAIL KEYED NOTES

GENERIC, NON PROJECT SPECIFIC NOTES

WALL TAG

WALL TAGS ARE INDICATED ON DIMENSION FLOOR PLANS. WALL TYPES ARE INDICATED IN SHEETS A501 AND A502

DOOR TAG

DOOR TAGS ARE INDICATED ON DIMENSION FLOOR PLANS

WINDOW TAG

WINDOWS TAGS ARE INDICATED ON DIMENSION FLOOR PLANS

FLOOR FINISH TAG

TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A151, FOR FLOOR COVERING AND FINISHES REQUIRED.

WALL BASE TAG

TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A151, FOR WALL BASE TYPE.

WALL FINISH TAG

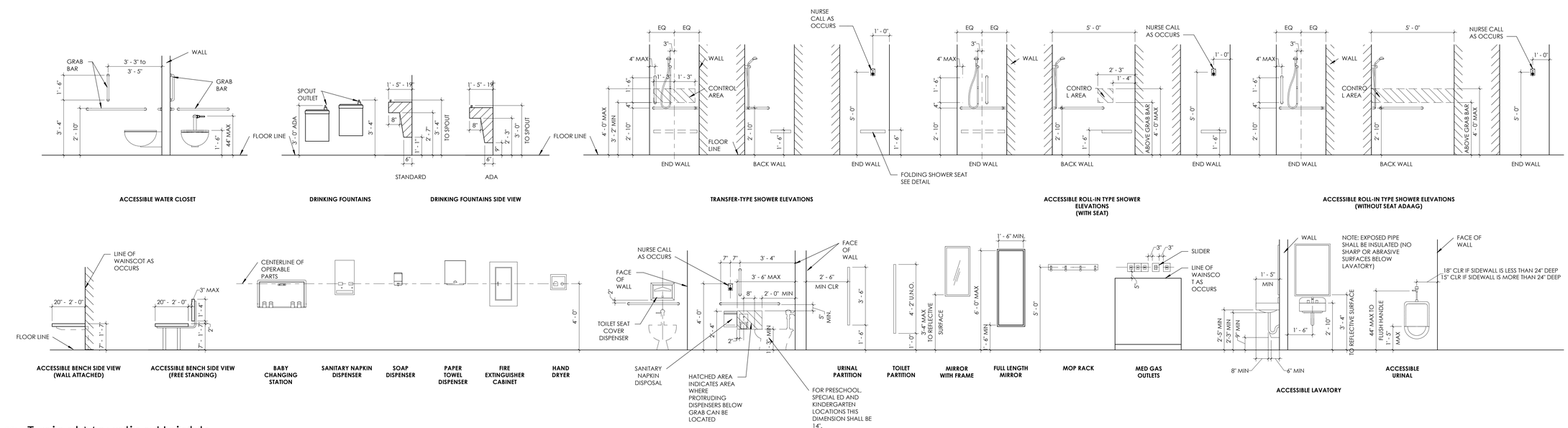
TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A151, FOR WALL FINISHES REQUIRED.

PAINT FINISH TAG

TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A151, FOR PAINT FINISHES REQUIRED.

CABINET TAG

CABINET TYPES ARE INDICATED ON INTERIOR ELEVATIONS & CABINET LEGEND, SHEET A251.



1 Typical Mounting Heights

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

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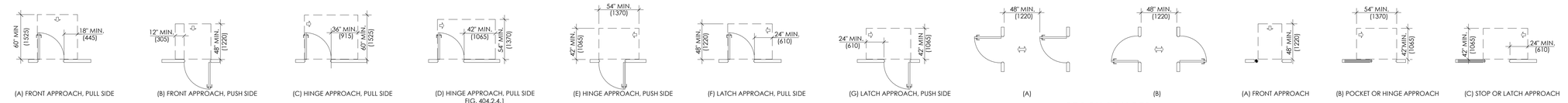
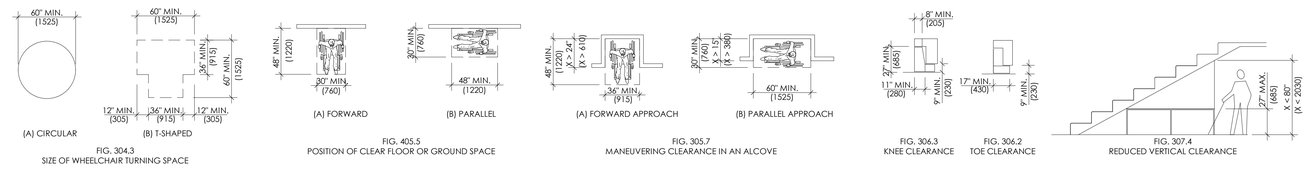
G003

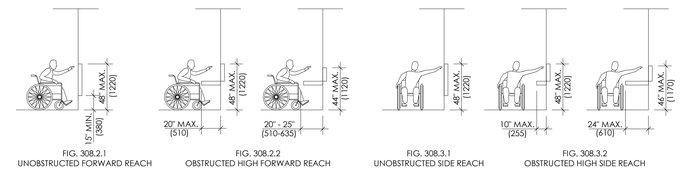
DOORS AND DOORWAYS



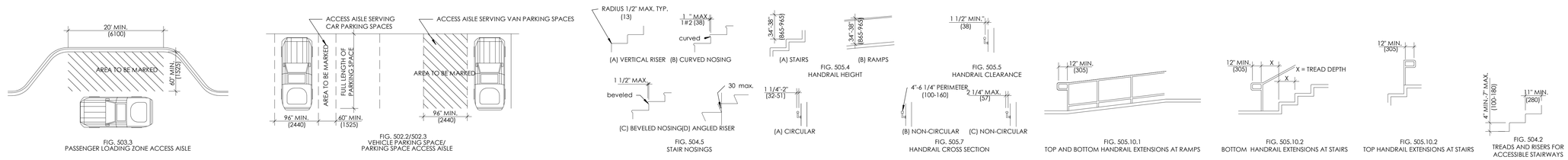
CLEAR FLOOR SPACE



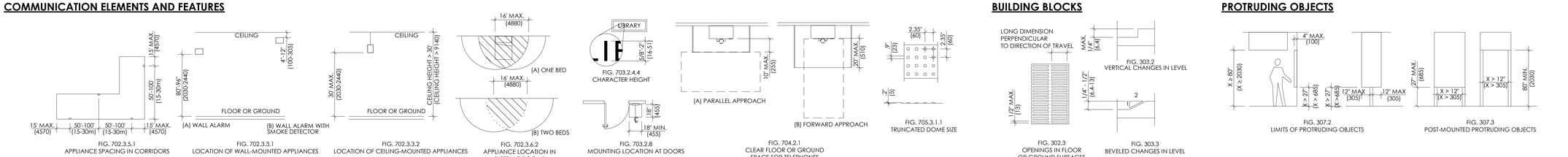
REACH RANGES



GENERAL SITE AND BUILDING ELEMENTS



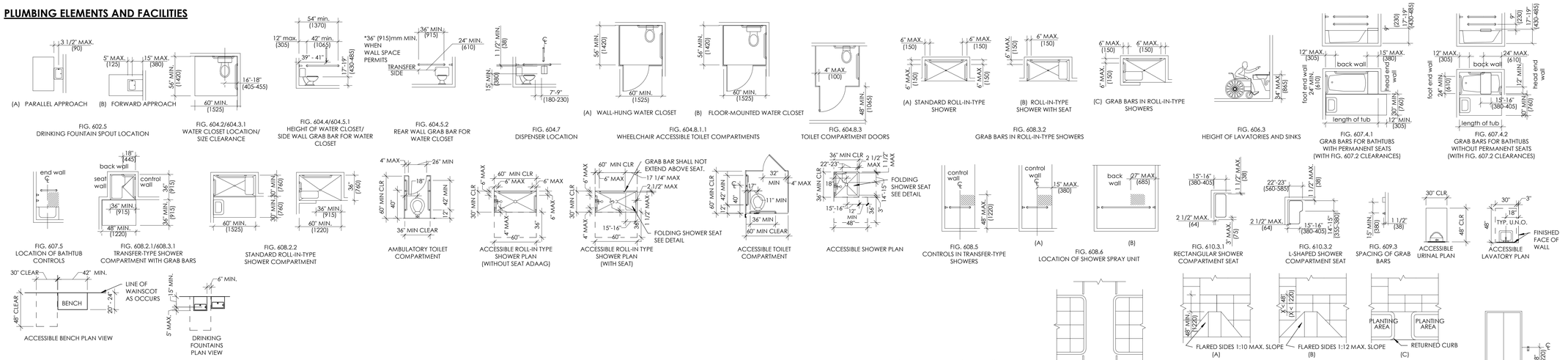
COMMUNICATION ELEMENTS AND FEATURES

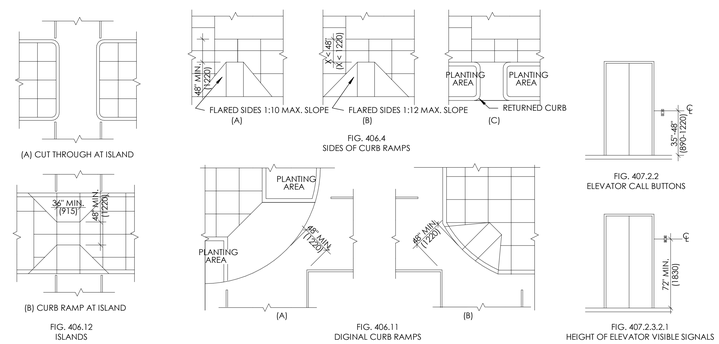


BUILDING BLOCKS

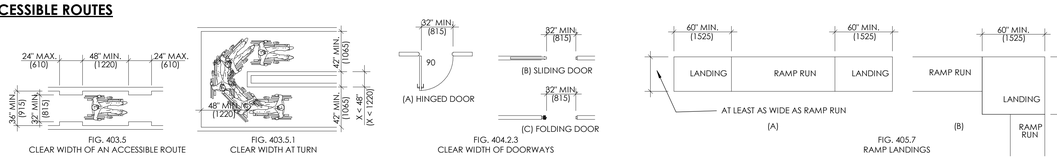
PROTRUDING OBJECTS

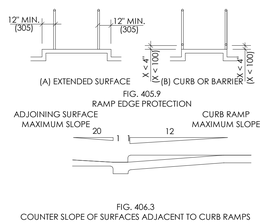
PLUMBING ELEMENTS AND FACILITIES





ACCESSIBLE ROUTES





1 American National Standard Institute Requirements

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

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American National Standard Institute Requirements

G004

LEGEND - ROOF PLAN

BUILDING COMPONENTS (ROOF DRAINS, HATCH, ETC.) ARE DRAWN AT 1/4" = 1' - 0", ON PLANS DRAWN AT 1/8" = 1' - 0" SCALE, COMPONENTS SHALL APPEAR HALF THIS SIZE.

TAPERED INSULATION CRICKET WITH 1/8" PER FOOT SLOPE, MINIMUM, ALONG VALLEY AND 1/4" PER FOOT SLOPE, MINIMUM, ACROSS CRICKET.

ROOF DRAIN. SEE DETAIL

ROOF HATCH

SLOPE DOWN DIRECTION FOR WATER FLOW TOWARD ROOF DRAINS.

WALKWAY PADS.

AS ROOF STRUCTURE IS LEVEL (FLAT WITH NO SLOPE) IN THIS AREA, USE TAPERED INSULATION (1/4" PER FOOT SLOPE) FOR DRAINAGE. PROVIDE CRICKETS AS REQUIRED ON THE TOP OF TAPERED INSULATION.

LEGEND - REFLECTED CEILING PLAN

BUILDING COMPONENTS (CEILING, LIGHT FIXTURES, ETC.) INDICATED BELOW IN THIS LEGEND ARE DRAWN AT 1/4" = 1'-0" SCALE. COMPONENTS SHALL APPEAR HALF THE SIZE (SMALLER) ON PLANS DRAWN AT 1/8" = 1'-0" SCALE.

2' X 4' LAY-IN ACOUSTICAL PANEL CEILING. SEE DETAILS ON SHEET A504.

2' X 2' LAY-IN ACOUSTICAL PANEL CEILING. SEE DETAILS ON SHEET A504.

SUSPENDED GYPSUM BOARD CEILING OR SOFFIT. SEE DETAILS ON SHEET A504.

NEW SUPPLY AIR GRILLE - SEE MECHANICAL DRAWINGS

NEW RETURN AIR GRILLE - SEE MECHANICAL DRAWINGS

NEW EXHAUST FAN - SEE MECHANICAL DRAWINGS

9'-0" CEILING HEIGHT ABOVE FINISHED FLOOR

NEW 2' X 4' LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS

LEGEND - FLOOR & DIMENSION PLANS

BUILDING COMPONENTS (DOORS, WALLS, ETC) INDICATED BELOW IN THIS LEGEND ARE DRAWN AT 1/4" = 1'-0" SCALE. COMPONENTS SHALL APPEAR HALF THE SIZE (SMALLER) ON PLANS DRAWN AT 1/8" = 1'-0" SCALE.

101 — NEW DOOR IN NEW WALL. SEE DOOR SCHEDULE.

A — NEW WINDOW. SEE WINDOW TYPES. TAGS ARE PLACED ON THE FRONT SIDE OF WINDOW.

A1 — NEW METAL STUD WALL. SEE WALL TAGS ON DIMENSION PLANS FOR MORE INFORMATION.

NEW BRICK MASONRY WALL. SEE WALL TAGS ON DIMENSION PLANS FOR MORE INFORMATION.

NEW CMU WALL. SEE WALL TAGS ON DIMENSION PLANS FOR MORE INFORMATION.

NEW CAST-IN-PLACE CONCRETE WALL. SEE WALL TAGS ON DIMENSION PLANS FOR MORE INFORMATION.

NEW PLUMBING FIXTURES

LEGEND - DEMOLITION FLOOR PLAN

BUILDING COMPONENTS (DOORS, WALLS, ETC) INDICATED BELOW IN THIS LEGEND ARE DRAWN AT 1/4" = 1'-0" SCALE. COMPONENTS SHALL APPEAR HALF THE SIZE (SMALLER) ON PLANS DRAWN AT 1/8" = 1'-0" SCALE.

EXISTING DOOR TO REMAIN

EXISTING DOOR TO BE DEMOLISHED

EXISTING WINDOW TO REMAIN

EXISTING WINDOW TO BE DEMOLISHED

EXISTING WALL TO REMAIN

EXISTING WALL TO BE DEMOLISHED.

EXISTING PLUMBING FIXTURES TO REMAIN

EXISTING PLUMBING FIXTURES TO BE DEMOLISHED

INTERIM LIFE SAFETY MEASURES

IMPLEMENTATION OF INTERIM LIFE SAFETY MEASURES (ILSM) IS REQUIRED IN OR ADJACENT TO ALL CONSTRUCTION AREAS AND THROUGHOUT BUILDINGS WITH EXISTING LSC DEFICIENCIES. ILSM APPLY TO ALL PERSONNEL, INCLUDING CONSTRUCTION WORKERS, MUST BE IMPLEMENTED UPON PROJECT DEVELOPMENT, AND CONTINUOUSLY ENFORCED THROUGH PROJECT COMPLETION. ILSM ARE INTENDED TO PROVIDE A LEVEL OF LIFE SAFETY COMPARABLE TO THAT DESCRIBED IN CHAPTERS 1 THROUGH 7, 31 AND THE APPLICABLE OCCUPANCY CHAPTERS OF THE LSC. EACH ILSM ACTION MUST BE DOCUMENTED THROUGH WRITTEN POLICIES AND PROCEDURES. EXCEPT AS STATED BELOW, FREQUENCIES FOR INSPECTION, TESTING, TRAINING, AND ILSM CONSIST OF THE FOLLOWING ACTIONS:

1 ENSURING EXITS PROVIDE FREE AND UNOBSTRUCTED EGRESS. PERSONNEL SHALL RECEIVE TRAINING IF ALTERNATIVE EXITS MUST BE DESIGNATED. BUILDINGS OR AREAS UNDER CONSTRUCTION MUST MAINTAIN ESCAPE FACILITIES FOR CONSTRUCTION WORKERS AT ALL TIMES. MEANS OF EGRESS IN CONSTRUCTION AREAS MUST BE INSPECTED DAILY.

2 ENSURING FREE AND UNOBSTRUCTED ACCESS TO EMERGENCY DEPARTMENTS/ SERVICES AND FOR EMERGENCY FORCES.

3 ENSURE FIRE ALARM, DETECTION, AND SUPPRESSION SYSTEMS ARE NOT IMPAIRED. A TEMPORARY, BUT EQUIVALENT, SYSTEM SHALL BE PROVIDED WHEN ANY FIRE SYSTEM IS IMPAIRED. TEMPORARY SYSTEMS MUST BE INSPECTED AND TESTED MONTHLY.

4 ENSURING TEMPORARY CONSTRUCTION PARTITIONS ARE SMOKE TIGHT AND BUILT OF NONCOM OR LIMITED COMBUSTIBLE MATERIALS THAT WILL NOT CONTRIBUTE TO THE DEVELOPMENT OR SPREAD OF FIRE.

5 PROVIDING ADDITIONAL FIRE-FIGHTING EQUIPMENT AND USE TRAINING OF PERSONNEL.

6 PROHIBITING SMOKING IN ACCORDANCE WITH MA.1.3.15 AND IN OR ADJACENT TO ALL CONSTRUCTION AREAS.

7 DEVELOPING AND ENFORCING STORAGE, HOUSEKEEPING, AND DEBRIS REMOVAL PRACTICES THAT REDUCE THE FLAMMABLE AND COMBUSTIBLE FIRE LOAD OF THE BUILDING TO THE LOWEST LEVEL NECESSARY FOR DAILY OPERATIONS.

8 CONDUCTING A MINIMUM OF TWO FIRE DRILLS PER SHIFT PER QUARTER.

9 INCREASING HAZARD SURVEILLANCE OF BUILDINGS, GROUNDS, AND EQUIPMENT WITH SPECIAL ATTENTION TO EXCAVATIONS, CONSTRUCTION AREAS CONSTRUCTION STORAGE, AND FIELD OFFICES.

10 TRAINING PERSONNEL WHEN STRUCTURAL OR COMPARTMENT FEATURES OF FIRE SAFETY ARE COMPROMISED.

11 CONDUCTING ORGANIZATION WIDE SAFETY EDUCATION PROGRAMS TO ENSURE AWARENESS OF ANY LSC DEFICIENCIES, CONSTRUCTION HAZARDS, AND THESE ILSM.

GENERAL NOTES - ROOF PLAN

A. PROVIDE CRICKET ON THE HIGH SIDE OF ROOF AT ALL CURB LOCATIONS FOR MECHANICAL EQUIPMENT, SKYLIGHT, ROOF HATCH, ETC. WHETHER INDICATED ON THE ROOF PLAN OR NOT.

B. PROVIDE WEATHERHEAD (GOOSNECK 2" CONDUIT) WHERE CONDUCTORS PENETRATE ROOF FOR DISCONNECT SWITCHES, POWER OUTLETS, ETC. SECURE GOOSNECK TO STRUCTURE BELOW.

C. PROVIDE WALKWAY PADS BETWEEN MECHANICAL EQUIPMENT, TO AND FROM ROOF HATCHES AND OTHER ROOF ACCESS POINTS, AND AROUND MECHANICAL EQUIPMENT REQUIRING PERIODIC MAINTENANCE.

GENERAL NOTES - REFLECTED CEILING PLAN

A. SEE MECHANICAL DRAWINGS FOR DIFFUSER LOCATIONS IN CEILING. CONTRACTOR SHALL COORDINATE WITH LIGHT FIXTURES (AS INDICATED IN ELECTRICAL DRAWINGS) AND MOVE DIFFUSERS AROUND THE LIGHT FIXTURE IF THERE IS ANY CONFLICT BETWEEN THE TWO.

B. SOME OF THE ITEMS ON CEILING INDICATED IN MECHANICAL AND ELECTRICAL DRAWINGS, MAY OR MAY NOT BE INDICATED ON ARCHITECTURAL CEILING PLANS. SEE MECHANICAL AND ELECTRICAL DRAWINGS AND COORDINATE WITH ARCHITECT FOR ANY REQUIRED CLARIFICATIONS.

C. CONTRACTOR SHALL NOT HANG CEILING TILES AND LIGHTS FROM DUCTS. FOR AREAS ABOVE THE CILING WHERE OVERSIZE DUCTS OCCUR SEE DETAIL 11/A505.

D. PAINT ALL VISIBLE EXPOSED ITEMS LIKE METAL DECK, STEEL ANGLES, STEEL BEAMS, STEEL TRUSSES, MISCELLANEOUS EXPOSED STEEL STRUCTURAL COMPONENTS, HOLLOW METAL DOORS, DOOR FRAMES & WINDOW FRAMES. PAINT EXPOSED SURFACES (WITH COLORS AND ACCENT COLORS AS SELECTED BY ARCHITECT) EXCEPT WHERE NATURAL FINISH OR MATERIAL IS SPECIFICALLY NOTED AS A SURFACE NOT TO BE PAINTED. DO NOT PAINT CONCEALED SURFACES, FINISHED METAL SURFACES, OPERATING PARTS AND PRE FINISHED ITEMS.

GENERAL NOTES - FLOOR & DIM. PLANS

A. REFER TO THE CODE COMPLIANCE PLANS FOR INDICATION OF FIRE RATED WALLS.

B. AT LOCATIONS WITHOUT CEILINGS (ROOM IS OPEN TO STRUCTURE ABOVE), EXTEND ALL WALLS, SOFFITS, AND HEADERS (INCLUDING ALL STUD FRAMING, GYPSUM BOARD, INSULATION & CMU, WHERE APPLICABLE) TO THE METAL ROOF DECK ABOVE.

C. WHEN FLOOR HEIGHT VARIES IN A ROOM, THE CEILING HEIGHT SHOWN IS THE HEIGHT ABOVE THE FLOOR AT THE ENTRY, UNO.

D. SEE INTERIOR ELEVATIONS FOR TOILET AND BATHROOM ACCESSORIES (GRAB BARS, MIRRORS, DISPENSERS, ETC.).

E. AT ALL VERTICAL EDGES OF INTERIOR CMU WALLS THAT ARE VISIBLE, USE BULLNOSE CMU BLOCKS FROM FINISHED FLOOR ELEVATION TO A HEIGHT OF 7'-4".

F. FOR CLARITY SAKE, DIMENSIONS ARE NOT SHOWN AT THE FOLLOWING LOCATIONS:
a. WHERE THE FACE OF WALL COINCIDES WITH THE MAIN GRID LINE OR 4'-0" X 4'-0" SUBGRID.
b. WHERE THE CENTER OF WALL COINCIDES WITH THE MAIN GRID LINE OR 4'-0" X 4'-0" SUBGRID.

G. VERIFY WITH ARCHITECT FOR DIMENSIONS NOT SHOWN.

H. SEE STRUCTURAL DRAWINGS FOR CMU WALLS, MASONRY COLUMNS, AND MASONRY BEAMS. SEE BUILDING EXTERIOR ELEVATIONS FOR VENEER TYPES. SEE FINISH SCHEDULE FOR CMU THAT IS HONED, SCORED, SEALED, PAINTED, ETC.

I. SEE CIVIL, FOOD SERVICE, PLUMBING, AND MECHANICAL DRAWINGS FOR FLOOR SINKS, FLOOR DRAINS, AND OPENINGS IN FLOOR SLABS AND ROOFS FOR DUCTWORK, ETC.

J. SEE DOOR AND WINDOW SCHEDULE FOR THE REQUIRED DOOR AND WINDOW OPENING SIZES

K. SEE FINISH SCHEDULE AND STRUCTURAL DRAWINGS AND PROVIDE RECESS IN CONCRETE FLOOR SLAB AS REQUIRED TO ACCOMODATE FLOOR FINISHES. CONCRETE FLOOR SLAB THAT IS ON GRADE, SHALL BE RECESSED AS REQUIRED, FOR A THICK SET MORTAR FOR CERAMIC TILE FINISH. SLOPE SHALL BE AT 1/8" PER FOOT TOWARDS THE FLOOR DRAIN. CONCRETE FLOOR SLAB, THAT IS NOT ON GRADE, NEED NOT BE RECESSED, IN SUCH LOCATION. USE THIN SET MORTAR FOR CERAMIC TILE FINISH WITH A GENTLE SLOPE TOWARDS DRAIN.

L. ALL PENETRATIONS (PIPES, CONDUITS, JOISTS, ETC.) THROUGH FIRE RATED BARRIER WALLS SHALL BE SEALED COMPLETELY WITH FIRE RATED SEALANTS. FILL GAP BETWEEN FLUTES OF THE METAL DECK AND METAL TRACK TOP RUNNER WITH FIRE RATED SEALANTS. SEAL TIGHTLY AROUND PIPES, CONDUITS, DUCTS, ETC THAT PENETRATES THE FIRE BARRIER WALL WITH FIRE RATED SEALANTS. APPLY SEALANT AS PER MANUFACTURERS RECOMMENDATIONS WITH ANY ADDITIONAL MATERIAL AS REQUIRED INSTALLED AROUND PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE FIRE WALL. SEE MECHANICAL DRAWINGS FOR FIRE AND SMOKE DAMPERS.

M. WALL CABINETS HAVE A DEPTH OF 1'-3" UNLESS NOTED OTHERWISE.

N. ALL MASONRY MORTAR JOINTS LOCATED INSIDE THE BUILDING SHALL BE TOOLED JOINTS, UNLESS NOTED OTHERWISE. MASONRY JOINTS ON THE BUILDING EXTERIOR SIDE SHALL BE RAKED JOINTS AS INDICATED IN BUILDING EXTERIOR ELEVATIONS.

O. SEE OVERALL FLOOR PLAN SHEETS FOR ANGLES, PIVOT POINT AND DIMENSIONS BETWEEN GRID LINES.

P. SEE CODE COMPLIANCE FLOOR PLANS FOR LOCATION OF FIRE BARRIER, NON RATED WALLS, ETC.

Q. SEE ENLARGED FLOOR PLANS FOR ADDITIONAL DIMENSIONS.

R. IN SOME PROJECTS, DUE TO THE LARGE BUILDING FOOTPRINT SIZE, FLOOR PLANS ARE SPLIT AS AREAS A, B, C, ETC. AND EACH AREA IS INDICATED ON SEPARATE SHEETS. MATCH LINES INDICATE THE BOUNDARIES OF EACH AREA. WHEN CONTRACTORS ARE PREPARING BID FOR THE PROJECT, COST SHALL INCLUDE ONLY THE BUILDING ELEMENTS AND ASSOCIATED CONSTRUCTION WORK CALLED OUT WITH KEYED NOTES IN THE AREA INDICATED ON THE SHEET. KEYED NOTES INDICATED OUTSIDE THE MATCH LINE IN ADJACENT FLOOR AREAS SHALL NOT BE COUNTED FOR THAT AREA. THIS AVOIDS DUPLICATION OF BUILDING ELEMENTS AND CONSTRUCTION WORK.

GENERAL NOTES - DEMOLITION FLOOR PLAN

A. CONTRACTOR SHALL VERIFY ALL EXISTING SITE AND BUILDING CONDITIONS INCLUDING UNDERGROUND UTILITIES AND SERVICE LINES, IRRIGATION LINES AND SUB SURFACE STRUCTURES AND ALL OTHER EXISTING CONSTRUCTION BOTH ABOVE AND BELOW GRADE.

B. PRIOR TO REMOVAL OF EXISTING BUILDING MATERIALS (INCLUDING WALLS, DOORS, WINDOWS, CEILING, ETC.) INDICATED IN THE DEMOLITION PLANS, CONTRACTOR SHALL THOROUGHLY COORDINATE ARCHITECTURAL FLOOR PLANS, CEILING PLANS, FINISH SCHEDULES AND ALL CONSULTANT DRAWINGS TO DETERMINE EXACT EXTENT OF REMOVAL.

C. COORDINATE WITH OWNER'S REPRESENTATIVE REGARDING ITEMS SHOWN TO BE REMOVED THAT WILL BECOME PROPERTY OF THE OWNER. CAREFULLY REMOVE SUCH ITEMS SO AS NOT TO DAMAGE THEM.

D. IN EXISTING WALLS THAT ARE NOTED TO REMAIN, ANY NAILS, SCREWS, OR OPENINGS THAT REMAIN AS A RESULT OF EXISTING EQUIPMENT REMOVAL OR WALL REMOVAL SHALL BE PATCHED WITH SMOOTH, EVEN, INVISIBLE TRANSITION. IN PLACES WHERE THE EXISTING WALL IS CUT FOR INSTALLATION OF POWER OUTLETS, SWITCH, THERMOSTAT, ETC. PATCH OPENING IN WALL WITH GYPSUM BOARD. PROVIDE SMOOTH, EVEN, INVISIBLE TRANSITION BETWEEN NEW AND EXISTING WALL FINISH.

E. THE OWNERS STAFF WILL CONTINUE TO OCCUPY AREAS DIRECTLY ADJACENT TO THE CONSTRUCTION AREA. THE CONTRACTOR AND SUB-CONTRACTORS SHALL TAKE ALL NECESSARY MEASURES TO MINIMIZE DISRUPTION ACTIVITIES CONDUCTED BY THE OWNERS STAFF. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF NOISY ACTIVITIES, SHUT-DOWNS, AND ANY OTHER ACTIVITIES WHICH MAY DISRUPT NORMAL OPERATIONS PRIOR TO PERFORMING THE WORK.

F. ONCE FLOORING DEMOLITION HAS OCCURRED, CLEAN AND PREPARE FLOOR TO RECEIVE NEW FLOOR COVERINGS. THIS SHALL BE COORDINATED WITH THE FINISH SCHEDULE AND MANUFACTURER OF NEW PRODUCTS FOR FLOOR PREPARATION REQUIREMENTS.

G. ITEMS SHOWN ON THESE FLOOR PLANS FOR REMOVAL ARE BUILT-IN ITEMS, EQUIPMENT, FURNITURE, & OTHER ITEMS EXISTING IN THE SPACE THAT ARE NOT BUILT-IN SHALL BE REMOVED OR CLEARED TEMPORARILY BY THE OWNER.

INFECTION CONTROL RISK ASSESSMENT

1 CONSTRUCTION ACTIVITY IS TYPE D - MAJOR DEMOLITION OR CONSTRUCTION THAT CREATES MAJOR DISRUPTION, I.E. NOISE, DUST, VIBRATION, ODOR, OR MECHANICAL SYSTEMS. DO THE FOLLOWING DURING CONSTRUCTION:

2 INFECTION CONTROL RISK GROUP IS 'HIGHEST'.

3 PERFORM WORK USING ACTIVE DUST CONTROL METHODS.

4 CONTRACTOR WILL IMMEDIATELY REPLACE CEILING TILE UPON COMPLETION OF INSPECTION.

5 USE WATER MIST TO CONTROL DUST WHILE CUTTING.

6 SEAL DOORS, DUCTS, VENTS AND HVAC UNITS.

7 PLACE DUST CONTROL MATS AT ENTRIES TO WORK AREA; KEEP THEM CLEAN AND EFFECTIVE

8 REMOVE DEBRIS ONLY IN TIGHTLY COVERED CONTAINERS.

9 CONSTRUCT BARRIERS TO PREVENT DUST AND OTHER CONTAMINANT MIGRATION PRIOR TO BEGINNING WORK.

10 MAINTAIN NEGATIVE AIR PRESSURE IN WORK SPACE USING HEPA FILTRATION UNITS.

11 SEAL ALL PIPES, CONDUITS AND PENETRATIONS.

12 CONSTRUCT AND USE ANTEROOM FOR ALL ENTRY TO WORK AREA; HEPA VACUUM ALL PERSONNEL, OR HAVE THEM CHANGE CLOTHING BEFORE THEY LEAVE THE WORK AREA.

13 ALL PERSONNEL WEAR SHOE COVERS WHILE IN THE WORK AREA AND REMOVE THEM BEFORE ENTERING THE HOSPITAL.

14 UPON COMPLETION OF THE PROJECT, DO THE FOLLOWING:

15 WIPE ALL HORIZONTAL SURFACES WITH DISINFECTANT.

16 REMOVE FINAL DEBRIS ONLY IN TIGHTLY COVERED CONTAINERS.

17 VACUUM USING HEPA FILTERED VACUUM; MOP WITH DISINFECTANT AS APPROPRIATE.

18 REMOVE ALL SEALS FROM DOORS, DUCTS, VENTS AND HVAC UNITS.

19 REMOVE CONSTRUCTION BARRIERS ONLY AFTER ALL NEEDED INSPECTIONS ARE COMPLETE AND PASSED.

20 REMOVE CONSTRUCTION BARRIERS IN A MANNER THAT MINIMIZES THE SPREAD OF DUST AND DEBRIS.

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Intermountain Healthcare
Park City Hospital
Level 1 Registration Remodel

900 Round Valley Dr
Park City, Utah 84060

N.JRA Project # 17221.00
Construction Documents Feb 7, 2019

General Legend & Notes

G005

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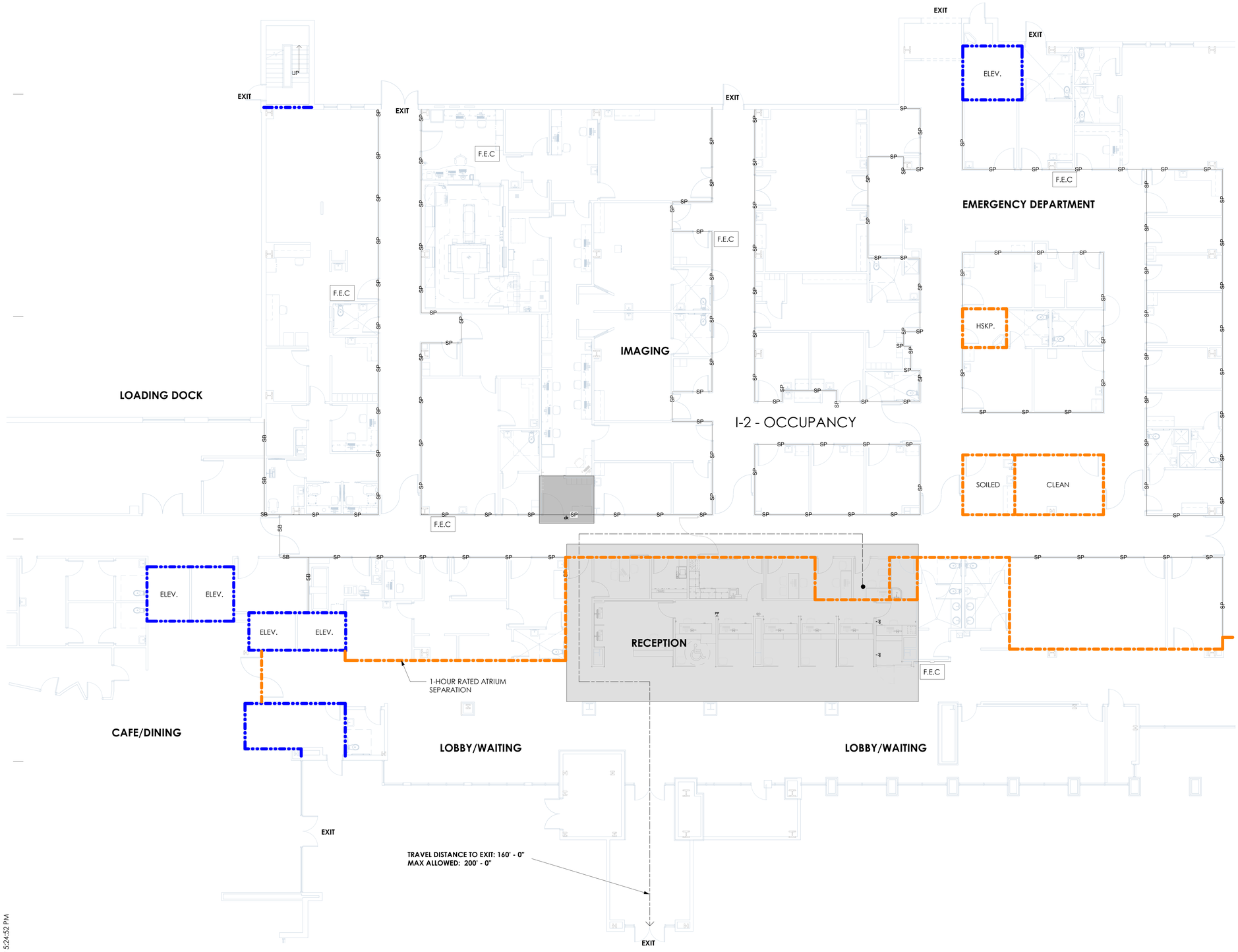
LEGEND

LEGEND	DESCRIPTION	FIRE RESISTANCE RATING	DOOR FIRE RATING	WINDOW FIRE RATING
	PATH OF TRAVEL	N/A	N/A	N/A
	APPROXIMATE AREA OF REMODEL	N/A	N/A	N/A
F.E.C.	FIRE EXTINGUISHER & CABINET	N/A	N/A	N/A
O.L. 3	OCCUPANT LOAD	N/A	N/A	N/A
	EXIT SIGN	N/A	N/A	N/A

LEGEND - WALL TYPES

LEGEND	DESCRIPTION	FIRE RESISTANCE RATING	DOOR FIRE RATING	WINDOW FIRE RATING
SP SP SP SP SP	SMOKE PARTITION WALL	0-HOUR FIRE RESISTANCE	SMOKE	SMOKE
SB SB SB SB SB	SMOKE BARRIER	1-HOUR FIRE RESISTANCE	1/3-HOUR	3/4-HOUR
	1-HOUR FIRE RATED	1-HOUR FIRE RESISTANCE	3/4-HOUR	3/4-HOUR
	2-HOUR FIRE RATED	2-HOUR FIRE RESISTANCE	1 1/2-HOUR	1 1/2-HOUR
	1-HOUR FIRE RATED ATRIUM SEPARATION	1-HOUR FIRE RESISTANCE	3/4-HOUR	3/4-HOUR



1 Code Compliance Plan - Level 1
SCALE: 1/8" = 1'-0"

CODE REVIEW

APPLICABLE CODES

International Building Code (IBC)	2015
International Fire Code (IFC)	2015
International Mechanical Code (IMC)	2015
International Plumbing Code (IPC)	2015
ANSI/ASHRAE/IES Standard 90.1	2010
National Electric Code (NEC)	2017
NFPA 101	2015
ANSI 117.1	2009

OCCUPANCY
Existing : I-2
New Construction : I-2 (Unchanged)

CONSTRUCTION TYPE
Existing : Type I-B
New Construction : Type I-B (Unchanged)

FIRE RESISTANCE RATING FOR BUILDING ELEMENTS (TYPE I-B CONSTRUCTION) (IBC TABLE 601)

	Required	Provided/Existing
Structural Frame:	2	2
Bearing Walls:		
Exterior	3	N/A
Interior	3	N/A
Non-Bearing Walls:		
Exterior	0	0
Interior	0	0
Floor Construction	2	2
Roof Construction	1	1

FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE (IBC TABLE 602) :

FOR TYPE I-B CONSTRUCTION AND 1-2' OCCUPANCY: (UNCHANGED- NO EXTERIOR ENVELOP REMODEL). 0 HOUR SEPARATION REQUIRED AS FIRE SEPARATION DISTANCE MORE THAN 30 FEET.

INCIDENTAL ACCESSORY OCCUPANCIES (IBC TABLE 509)

Storage room over 100 SF: 1 Hour

Waste and Linen collection rooms over 100 SF: 1 Hour

ALLOWABLE BUILDING AREA (IBC TABLE 506.2)

Allowable Area for Type I-B construction and 1-2' Occupancy for a sprinkled building: Unlimited

Actual Area
Level 1(Gross) Existing : 46,674 SF.
New : 46,674 SF. (Unchanged)

Area of Remodel: 2,273 SF

ALLOWABLE BUILDING HEIGHT (IBC TABLE 504.3)

Allowable building height for Type I-B construction and 1-2' Occupancy for a sprinkled building: 180 feet

Actual Height: 54 feet

NUMBER OF STORIES (IBC TABLE 504.4)

Allowable number of stories above grade plane for Type I-B construction and 1-2' Occupancy for a sprinkled building: 5

Actual Stories above grade plane: 3

OTHER CODE REQUIREMENTS

Travel Distance (IBC Table 1017.2)	: 200 Feet (I-2-occ w/ sprinkler system)
Common Path of Travel (IBC Table 1006.3.2)	: 75 Feet (I-2-occ w/ sprinkler system)
Minimum Corridor Width (IBC Table 1020.2)	: 96 Inches (In I-2 Occupancy where required for bed movement, 44 inches elsewhere)

AUTOMATICALLY SPRINKLED
Building is equipped with an automatic fire extinguishing sprinkler system.

OCCUPANT LOADS (IBC TABLE 1004.1.2): (Unchanged)

GENERAL NOTES & LEGEND

A. SEE SHEET G005 FOR GENERAL NOTES AND LEGEND.

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LICENSED ARCHITECT

Intermountain Healthcare
Park City Hospital
Level 1 Registration Remodel

900 Round Valley Dr
Park City, Utah 84060

NJRA Project # 17221.00
Construction Documents Feb 7, 2019

Code Compliance Plan Level 1

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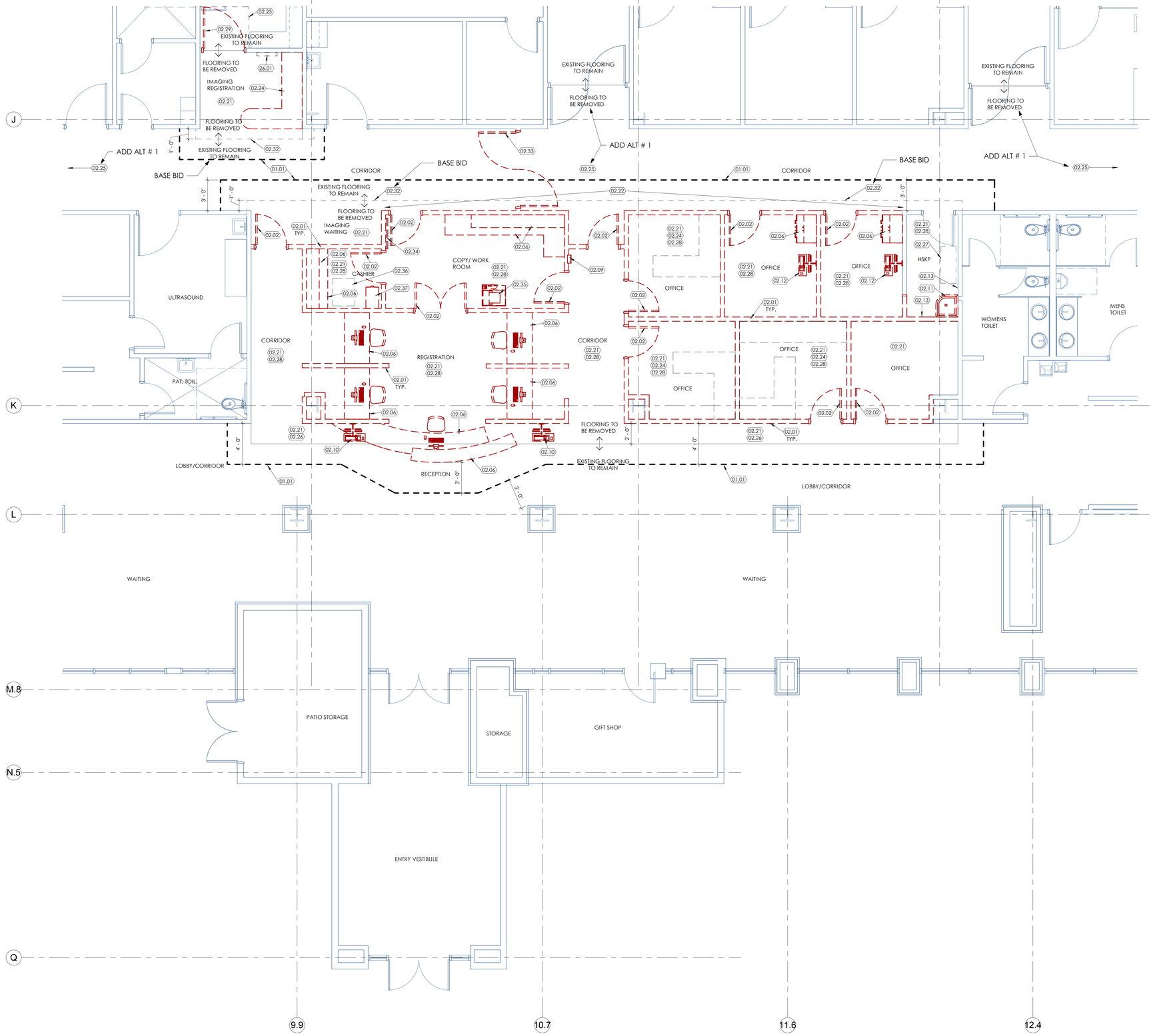

1 Demolition Floor Plan
SCALE: 1/4" = 1'-0"

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KEYED NOTES

01.01	DASHED LINE INDICATES FLOOR TO DECK DUST PROOF CONSTRUCTION BARRIER TO PREVENT DUST AND DIRT MIGRATION AND TO SEPARATE AREAS OCCUPIED BY THE OWNER FROM FUMES AND NOISE. CONSTRUCTION BARRIER TO BE ERECTED WITH 3 5/8" 20 GA. MTL. STUDS @ 16" O.C. FRAMING WITH 5/8" TYPE 'X' GYPSUM BOARD ON BOTH SIDES. TAPE AND SEAL ALL JOINTS AND OPENINGS. SEAL JOINTS AT PERIMETER. PAINT WALL ON EXISTING CORRIDOR SIDE. PARTITION TO BE EQUIPPED WITH 4'-0" LOCKABLE MAN DOOR WITH STICKY MATS ON BOTH SIDES OF DOOR. COORDINATE WITH OWNER FOR EXACT LOCATION OF CONSTRUCTION BARRIER.
02.01	REMOVE EXISTING METAL STUD WALL INCLUDING STUDS, GYPSUM BOARD, STUD BRACING ABOVE CEILING, ELECTRICAL, MECHANICAL, AND PLUMBING ITEMS LOCATED IN THE WALL.
02.02	REMOVE EXISTING DOOR, HARDWARE AND FRAME.
02.06	REMOVE EXISTING CASEWORK INCLUDING BASE CABINETS, UPPER/WALL CABINETS, FULL HEIGHT CABINETS, COUNTERTOPS, CLOSER PANEL, SLOPED DUST TOP, ETC.
02.09	CAREFULLY REMOVE AND STORE EXISTING FIRE EXTINGUISHER AND CABINET FOR RELOCATION. SEE NEW FLOOR PLAN.
02.10	CAREFULLY REMOVE AND STORE EXISTING CHECK-IN KIOSK FOR RELOCATION. SEE NEW FLOOR PLAN.
02.11	REMOVE MOP SINK AND ALL ASSOCIATED PLUMBING. SEE PLUMBING DRAWINGS.
02.12	REMOVE EXISTING ERGOTRON WALL-MOUNT AND MONITOR. SALVAGE AND RETURN TO OWNER.
02.13	REMOVE EXISTING WALL TILE AND GYPSUM BOARD FROM THE HOUSEKEEPING SIDE OF THE WALL. REMOVE ALL IN-WALL PLUMBING. SEE PLUMBING DRAWINGS. PATCH/REPAIR WALL AND PREP FOR NEW FINISHES. SEE NEW FLOOR PLAN, FINISH PLAN AND SCHEDULE.
02.21	REMOVE EXISTING FLOORING AND BASE INCLUDING ADHESIVE DOWN TO THE BARE CONCRETE FLOOR. CLEAN FLOOR AND PREP FOR NEW FLOOR FINISHES.
02.22	REMOVE EXISTING CRASH RAILS, CORNER GUARDS, AND WALL PROTECTION WAINSCOTING IN CORRIDOR. STORE CRASH RAILS AND MODIFY TO FIT AROUND NEW WALLS/OPENINGS. PROVIDE NEW FINISHED ENDS TO MATCH EXISTING. SEE NEW FLOOR AND FINISH FLOOR PLANS.
02.23	INSTALL FLOOR TO CEILING TEMPORARY VISQUEEN PARTITION AT LINE OF FLOOR REMOVAL. VISQUEEN TO BE FIRE RATED WITH A MINIMUM THICKNESS OF 10 MIL. ALL PENETRATIONS AND JOINTS TO BE TIGHTLY SEALED.
02.24	CAREFULLY REMOVE SYSTEMS FURNITURE. SALVAGE AND RETURN TO OWNER.
02.25	ADD ALTERNATE #1: REMOVE EXISTING FLOORING AND BASE INCLUDING ADHESIVE DOWN TO THE BARE CONCRETE FLOOR ALL THE WAY DOWN TO THE DOUBLE DOORS AT THE END OF THE CORRIDOR. APPROXIMATE AREA 1,600 SF. CLEAN FLOOR AND PREP FOR NEW FLOOR FINISHES.
02.26	REMOVE HARDWOOD PANELS - HORIZONTAL AND VERTICAL PANELS AND ALUMINUM STRIP BETWEEN THE HORIZONTAL PANELS THROUGHOUT THE AREA OF REMODEL.
02.27	EXISTING PRE-ACTION FIRE SPRINKLER SYSTEM TO REMAIN. PROTECT DURING CONSTRUCTION.
02.28	REMOVE ALL FLOOR AND WALL MOUNTED ITEMS. SALVAGE AND RETURN TO OWNER.
02.29	CAREFULLY REMOVE AND STORE DOOR FOR RELOCATION. SEE NEW PLANS. DEMOLISH FRAME.
02.32	BASE BID: REMOVE EXISTING FLOORING AND BASE INCLUDING ADHESIVE DOWN TO THE BARE CONCRETE FLOOR 1'-0" W X CONT. IN THE CORRIDOR. CLEAN FLOOR AND PREP FOR NEW FLOOR FINISHES.
02.33	CAREFULLY REMOVE AND STORE EXISTING DOOR AND HARDWARE FOR REINSTALLATION. DEMOLISH FRAME.
02.34	CAREFULLY REMOVE AND STORE HUDDLE BOARD FOR RELOCATION.
02.35	CAREFULLY REMOVE AND STORE FLOOR MOUNTED COPIER FOR RELOCATION.
02.36	CAREFULLY REMOVE AND STORE FLOOR MOUNTED EXISTING SAFE FOR RELOCATION. SAFE IS ANCHORED TO FLOOR. PATCH AND REPAIR EXISTING CONCRETE SLAB ON GRADE TO MATCH EXISTING AFTER REMOVAL OF SAFE.
02.37	CAREFULLY REMOVE AND STORE FILE CABINET FOR RELOCATION.
26.01	REMOVE AND STORE MED GAS ALARM PANEL FOR RELOCATION. SEE ELECTRICAL DRAWINGS.

GENERAL NOTES & LEGEND

A. SEE SHEET G005 FOR GENERAL NOTES AND LEGEND.

KEY PLAN

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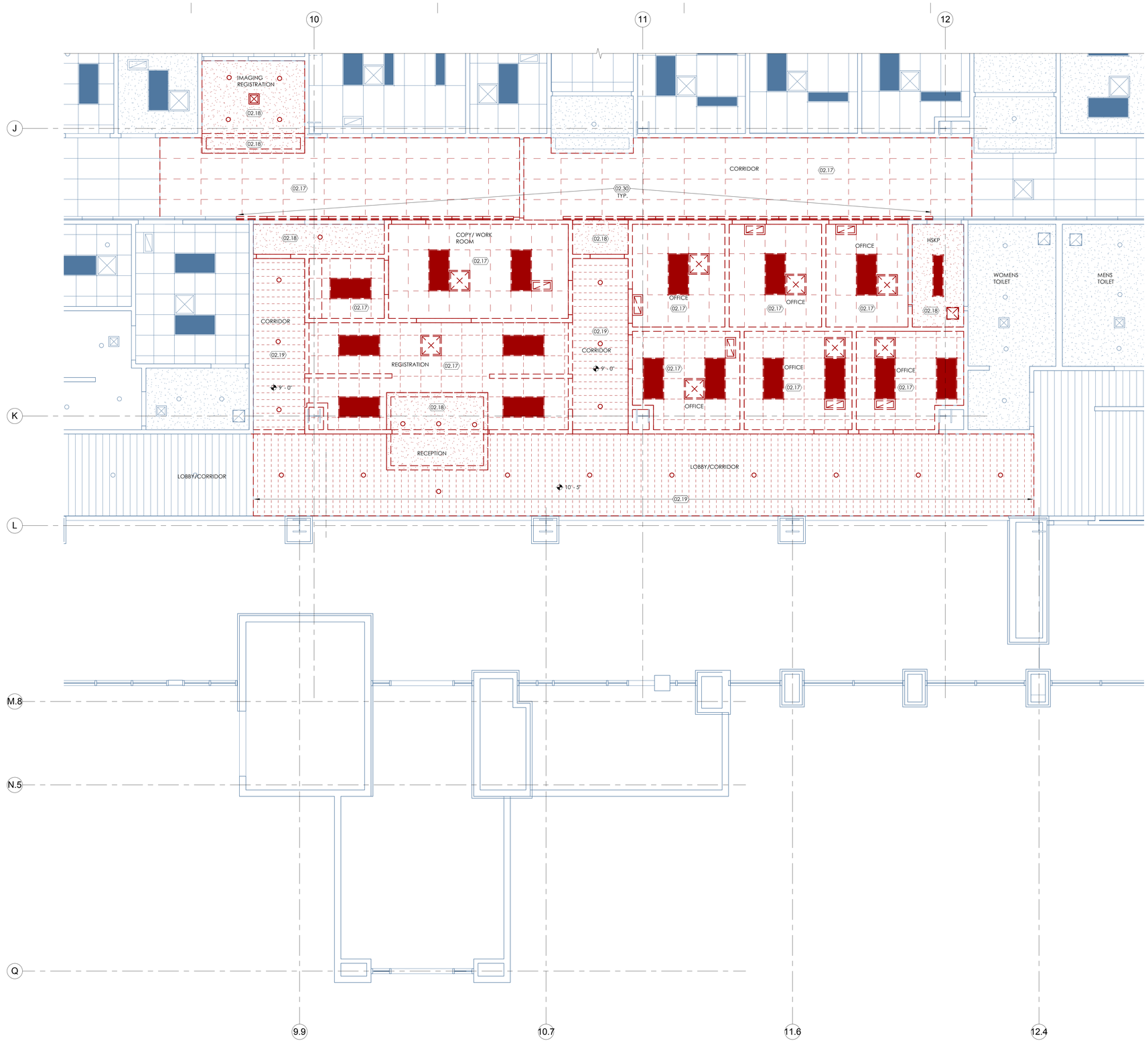
NJRA Project #	17221.00
Construction Documents	Feb 7, 2019

Demolition Floor Plan

A101



1 Demolition Reflected Ceiling Plan

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

NORTH

KEYED NOTES

02.17	REMOVE EXISTING CEILING TILES AND GRIDS, LIGHT FIXTURES, HVAC DIFFUSERS, SPEAKERS, AND OTHER CEILING MOUNTED ITEMS. REFER TO M/E/P DRAWINGS. SALVAGE CEILING TILES, LIGHT FIXTURES AND HVAC GRILLS AND RETURN TO OWNER.
02.18	REMOVE EXISTING GYPSUM BOARD SOFFIT/CEILING AND FRAMING SYSTEM, INCLUDING ALL EXISTING LIGHT FIXTURES, HVAC DIFFUSERS, SPEAKERS AND OTHER CEILING MOUNTED ITEMS. REFER TO M/E/P DRAWINGS.
02.19	REMOVE EXISTING WOOD CEILING PANELS, GRIDS, AND ASSOCIATED INFRASTRUCTURE ABOVE CEILING. ALSO REMOVE LIGHT FIXTURES, HVAC DIFFUSERS, SPEAKERS, AND OTHER CEILING MOUNTED ITEMS. REFER TO M/E/P DRAWINGS. SALVAGE AND STORE LIGHT FIXTURES AND HVAC GRILLS FOR RELOCATION.
02.30	REMOVE AND STORE WALL MOUNTED LIGHTS AS REQUIRED DURING DEMOLITION AND NEW WORK. CLEAN AND REINSTALL ALL LIGHTS AFTER ALL WORK IS COMPLETE.

GENERAL NOTES & LEGEND

A. SEE SHEET G005 FOR GENERAL NOTES AND LEGEND.

KEY PLAN

NJRA ARCHITECTS

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287887-0301
LICENSED ARCHITECT

Intermountain Healthcare
Park City Hospital
Level 1 Registration Remodel

900 Round Valley Dr
Park City, Utah 84060

NJRA Project #	17221.00
Construction Documents	Feb 7, 2019

Demolition Reflected Ceiling Plan

A102

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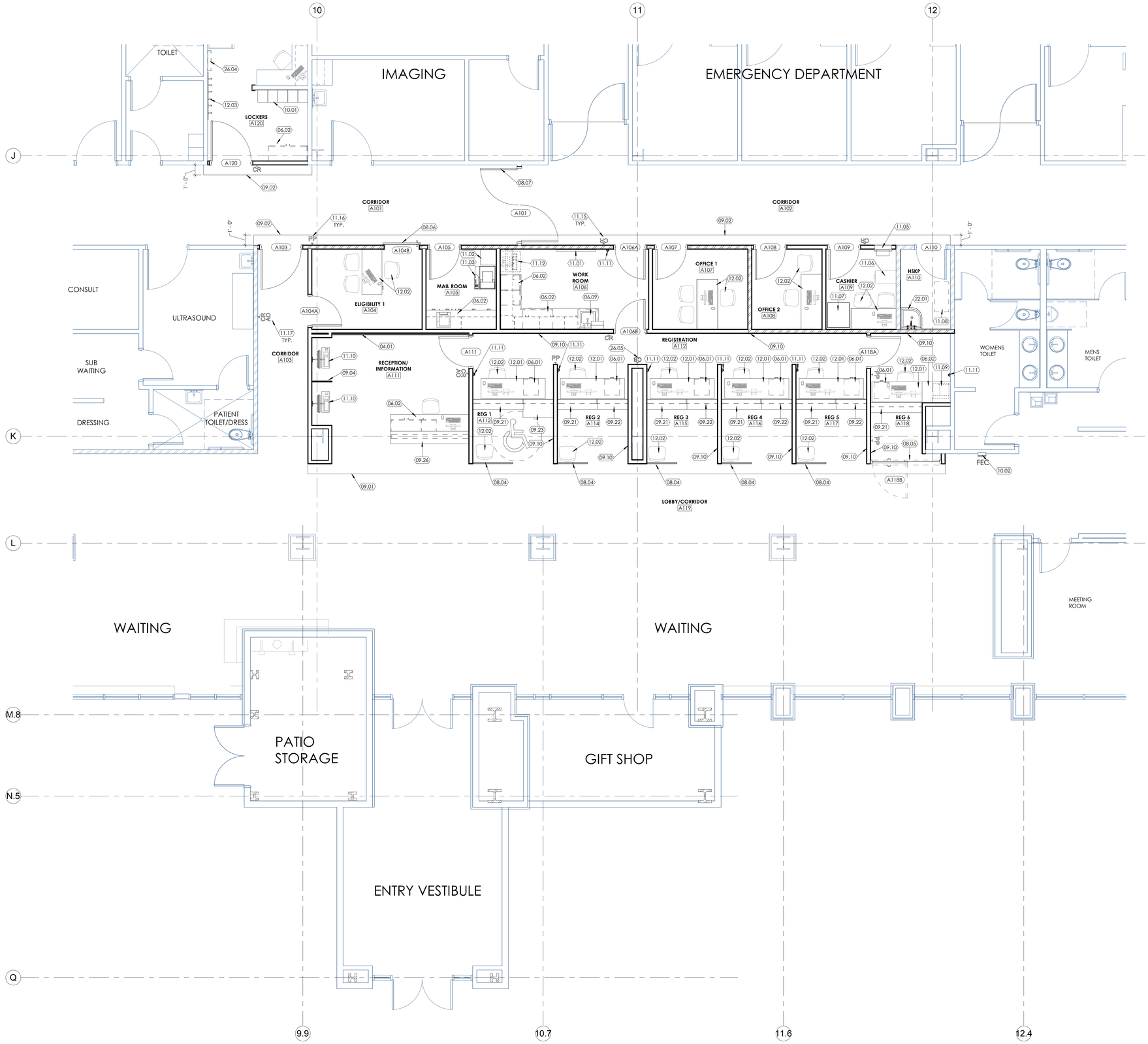

1 Floor Plan
SCALE: 1/4" = 1'-0"

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KEYED NOTES

04.01	STONE VENEER WALL, 14'-0" W X 9'-0" H, STONE VENEER OVER 5/8" THICK HARDIBACKER CEMENT BOARD. BASIS OF DESIGN: MOUNTAIN VALLEY STONE - NATURAL BLEND BY DELTA STONE. SEE FINISH SCHEDULE FOR ADDITIONAL DETAILS, STONE VENEER SHAPE, PROFILE AND FINISH TO MATCH ADJACENT EXISTING.
06.01	MILLWORK CABINET BELOW WITH OPENING FOR SMALL PRINTER, AND LOCKABLE DRAWERS FOR CASH AND HAND-HELD EQUIPMENT. SEE INTERIOR ELEVATIONS AND CABINET LEGEND AND DETAILS. ANCHOR CABINET TO FLOOR BELOW.
06.02	BUILT-IN MILLWORK. SEE CABINET LEGEND, FINISH PLAN AND INTERIOR ELEVATIONS.
06.09	SOLID SURFACE INTEGRAL SINK, BASIS OF DESIGN STARON A1181 SINK. COLOR BRIGHT WHITE (BW010).
08.04	1/2" THICK TEMPERED GLAZING WITH POLISHED EDGES AND WITH TOP AND BOTTOM SIDELITE RAIL, BASIS OF DESIGN CRL- CUSTOM COLOR 4" CUSTOM LENGTH SIDELITE RAIL FOR 1/2" GLASS. CUSTOM COLOR AND FINISH TO MATCH EXISTING MULLION SYSTEM FOR THE ENTIRE BUILDING. SEE DETAIL 10/AS04. ANCHOR TO FLOOR AND CEILING PER MANUFACTURES RECOMMENDATION. SEE FINISH SCHEDULE FOR GLASS TYPE.
08.05	AUTOMATIC SLIDING ALUMINUM AND GLASS DOOR, BASIS OF DESIGN: STANLEY ACCESS TECHNOLOGIES "DURA-GLIDE 200 SERIES- SINGLE SLIDE RIGHT HAND WITH ACCESS CONTROL, RECESSED. CUSTOM COLOR AND FINISH TO MATCH EXISTING BUILDING MULLION SYSTEM. SEE ELECTRICAL DRAWINGS FOR POWER. ANCHOR TO JAMBS AND CEILING PER MANUFACTURES RECOMMENDATION.
08.06	SLIDING BARN DOOR. BASIS OF DESIGN: AD SYSTEMS. SEE DOOR SCHEDULE.
08.07	REINSTALL EXISTING DOOR AND HARDWARE. PAINT NEW DOOR FRAME TO MATCH EXISTING.
09.01	LINE OF NEW TILE - SEE FLOOR FINISH PLAN AND SCHEDULE.
09.02	LINE OF NEW SHEET FLOORING (BASE BID). BID ALT # 1 IS TO REPLACE ENTIRE FLOORING IN CORRIDOR (APPROX 1,600 SF)- SEE FLOOR FINISH PLAN AND SCHEDULE.
09.04	DECORATIVE RESINOUS DIVIDER PANEL - SEE FINISH PLAN AND SCHEDULE. 1/2" THICK PANEL WITH 3-FORM READY TO GO PARTITION, MODEL # 200.01 SIMPLE SPEC.
09.10	ACOUSTIC WALL PANELS. SEE FINISH PLAN AND SCHEDULE.
09.21	PARTIAL HEIGHT WALL WITH TRANSACTION COUNTER. SEE INTERIOR ELEVATIONS AND DETAIL 8/A506
09.22	PARTIAL HEIGHT WALL WITH LOW COUNTER. SEE INTERIOR ELEVATIONS AND DETAIL 7/A506
09.23	PARTIAL HEIGHT WALL WITH ADA COUNTER. SEE INTERIOR ELEVATIONS AND DETAIL 7/A506
09.26	PARTIAL HEIGHT WALL WITH TRANSACTION COUNTER. SEE INTERIOR ELEVATIONS AND DETAIL 9/A506
10.01	METAL LOCKERS, 12"W X 15"D X 12"H, SIX TIER, TOTAL: 30 LOCKERS. SEE SPECIFICATIONS. LOCKERS TO HAVE 6" BASE AND SLOPED DUST TOP AND FILLER PIECE/FINISHED ENDS AS REQUIRED.
10.02	FIRE EXTINGUISHER AND CABINET TO BE RELOCATED TO THIS LOCATION. SEE DETAIL 8/A504. PATCH REPAIR AND PAINT WALL TO MATCH EXISTING.
11.01	HUDDLE BOARD TO BE RELOCATED TO THIS LOCATION. COORDINATE EXACT LOCATION WITH OWNER.
11.02	SHREDDER BIN. OFOI
11.03	PRINTER/COPIER TO BE RELOCATED TO THIS LOCATION. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA.
11.05	MAIL/CHECK DROPBOX WITH WITH MAILDROP AND RECEPTACLE. BASIS OF DESIGN : SALSBURY INDUSTRIES MODEL NUMBERS 2255 ALM AND 2256 ALM WITH CUSTOM ENGRAVING. COORDINATE WITH MFR. FOR ROUGH OPENING SIZES. COORDINATE WITH OWNER FOR EXACT LOCATION AND ENGRAVING LETTERING.
11.06	EXISTING FILE CABINET TO BE RELOCATED TO THIS LOCATION.
11.07	EXISTING SAFE TO BE RELOCATED TO THIS LOCATION. SAFE TO BE BOLTED DOWN TO THE CONCRETE FLOOR.
11.08	EXISTING PRE-ACTION SYSTEM TO REMAIN. PROTECT DURING CONSTRUCTION.
11.09	DESKTOP PRINTER. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA.
11.10	ERGOTRON LX WALL MOUNT FOR CHECK-IN KIOSK. SEE DETAIL 13/A502 FOR WALL BACKING. ALSO SEE INTERIOR ELEVATIONS AND ELECTRICAL DRAWINGS. EXISTING KIOSK TO BE RELOCATED TO THIS LOCATION.
11.11	WALL PHONE. SEE ELECTRICAL DRAWINGS.
11.12	WORKSTATION ON WHEELS (WOW). OFOI. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA.
11.15	CARD READER. TYP. SEE ELECTRICAL DRAWINGS.
11.16	PUSH PAD FOR AUTO DOOR. SEE ELECTRICAL DRAWINGS AND DOOR HARDWARE SPECIFICATIONS.
11.17	CARD READER/AUTO OPENER. TYP. SEE ELECTRICAL DRAWINGS.
12.01	HEIGHT-ADJUSTABLE DESK, 24"D WITH MODESTY PANEL - PROVIDED AND INSTALLED BY OWNER'S VENDOR - MIDWEST COMMERCIAL INTERIORS (MWCI). COORDINATE LOCATION OF POWER AND DATA WITH FURNITURE PLANS. SEE ELECTRICAL DRAWINGS.
12.02	FURNITURE, PROVIDED AND INSTALLED BY OWNER'S VENDOR - MIDWEST COMMERCIAL INTERIORS (MWCI). COORDINATE LOCATION OF POWER AND DATA WITH FURNITURE PLANS. PLEASE MAKE SURE NOT TO INSTALL POWER OR DATA BEHIND ANY BASE PEDESTALS. SEE ELECTRICAL DRAWINGS.
12.03	COAT RACK. BASIS OF DESIGN: UMBRA FLIP (R) 8-HOOK WALL MOUNT RACK/RAIL. COLOR: WALNUT.
22.01	NEW MOP SINK . SEE PLUMBING DRAWINGS.
26.04	MED GAS ALARM PANEL TO BE RELOCATED TO THIS LOCATION. SEE ELECTRICAL DRAWINGS.
26.05	CODE BLUE. SEE ELECTRICAL DRAWINGS.

GENERAL NOTES & LEGEND

A. SEE SHEET G005 FOR GENERAL NOTES AND LEGEND.

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NJRA Project # 17221.00
Construction Documents Feb 7, 2019

Floor Plan

A111

1 Dimension Plan

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

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KEYED NOTES

09.20 USE FLOOR TO DECK RIGID MINERAL WOOL INSULATION FOR THE FULL WIDTH OF THE STUD CAVITY SPACE AS OPPOSE TO THE BATT INSULATION SHOWN ON THE WALL TYPE SHEET BETWEEN REGISTRATION BAYS, TYPICAL.

GENERAL NOTES & LEGEND

A. SEE SHEET G005 FOR GENERAL NOTES AND LEGEND.

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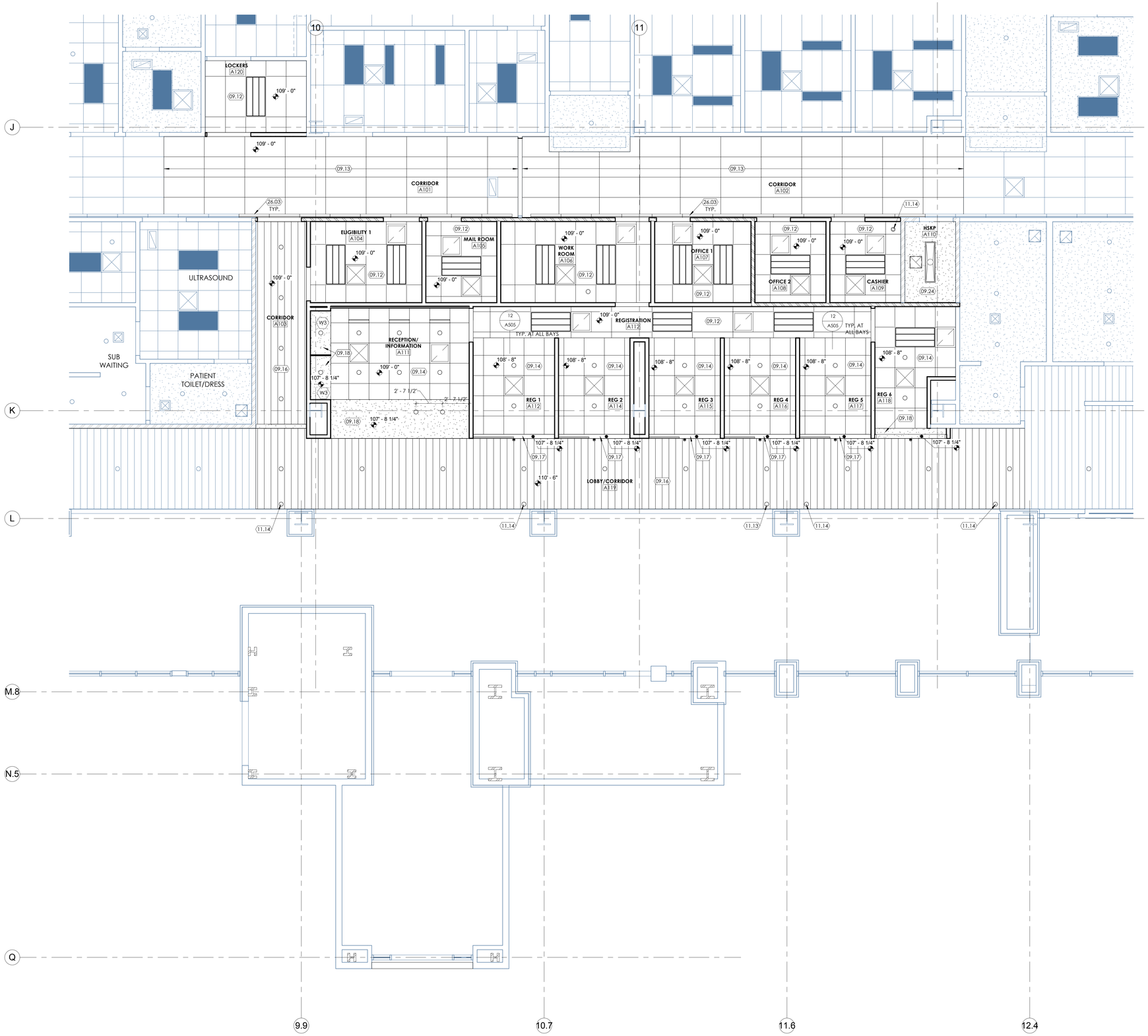
Dimension Plan

A121



1 Reflected Ceiling Plan
SCALE: 1/4" = 1'-0"

NORTH

KEYED NOTES

09.12	ACOUSTIC CEILING TILES AND GRIDS. CEILING TILES TO BE ARMSTRONG FINE FISSURED HIGH NRC (ITEM #1756) 24" X 48" X 7/8" W/ EDGE DETAIL: ANGLED TEGULAR. GRIDS SHALL BE 15/16" PRELUDE XL EXPOSED TEE HEAVY DUTY, ANGLE MOLDING SHALL BE 7/8" WITH BERC 2 CLIPS. SEE CEILING DETAILS ON SHEET A505.
09.13	CEILING TILES IN THIS ROOM/CORRIDOR TO MATCH ADJACENT EXISTING. FIELD VERIFY BEFORE ORDERING. SEE CEILING DETAILS ON SHEET A504. PER AS-BUILT DRAWINGS THESE TILES ARE AS FOLLOWS: ARMSTRONG FINE FISSURED SECOND LOOK (ITEM #1761) 24" X 48" X 3/4" W/ EDGE DETAIL: ANGLED TEGULAR. GRIDS SHALL BE 15/16" PRELUDE XL EXPOSED TEE HEAVY DUTY, ANGLE MOLDING SHALL BE 7/8" WITH BERC 2 CLIPS.
09.14	ACOUSTIC CEILING TILES AND GRIDS. CEILING TILES TO BE ARMSTRONG WOODWORKS TEGULAR, ITEM # 5406WS, 24" X 24" X 3/4", OVAL STRAIGHT SLOTTED PERFORATION, CONSTANTS WALNUT FINISH, WITH CALLA LAY-IN PANEL ABOVE - 24" X 24" X 1", 2820BK. GRIDS SHALL BE 15/16" PRELUDE XL EXPOSED TEE HEAVY DUTY. COLOR: BLACK. ANGLE MOLDING SHALL BE 7/8" WITH BERC 2 CLIPS. COLOR: BLACK. PAINT HVAC DIFFUSERS AND SPRINKLER CAPS TO MATCH CEILING TILE. SEE DETAIL 12/A505 FOR TRANSITION BETWEEN WOODWORKS CEILING AND LAY-IN CEILING.
09.16	NEW WOOD CEILING TO MATCH EXISTING CORRIDOR CEILING. PER AS-BUILT DRAWINGS THE DETAILS OF THIS CEILING ARE AS FOLLOWS. PLEASE FIELD VERIFY BEFORE ORDERING. MANUFACTURER: RULON INTERNATIONAL SYSTEM: FLAT VENEER PANELS SIZE: 1'-0" X 8'-0" VENEER: RECONSTITUTED CHERRY EDGE BANDING: EDGEBANDING TO MATCH VENEER AND SIDE SLOTTED FOR 15/16" GRID. FINISH: CUSTOM COLOR # 10-11-07-A FIRE TREATED.
09.17	GYPSUM BOARD HEADER. SEE DETAIL 6/A505.
09.18	GYPSUM BOARD SOFFIT. SEE DETAIL 9/A505.
09.24	GYP. BD. CEILING. SEE DETAILS ON SHEET A505.
11.13	EXISTING CCTV CAMERA - TO REMAIN.
11.14	NEW CCTV CAMERA. SEE ELECTRICAL DRAWINGS.
26.03	CLEAN AND RE-INSTALL ALL WALL MOUNTED LIGHTS.

GENERAL NOTES & LEGEND

A. SEE SHEET G005 FOR GENERAL NOTES AND LEGEND.

KEY PLAN

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Reflected Ceiling Plan

A131

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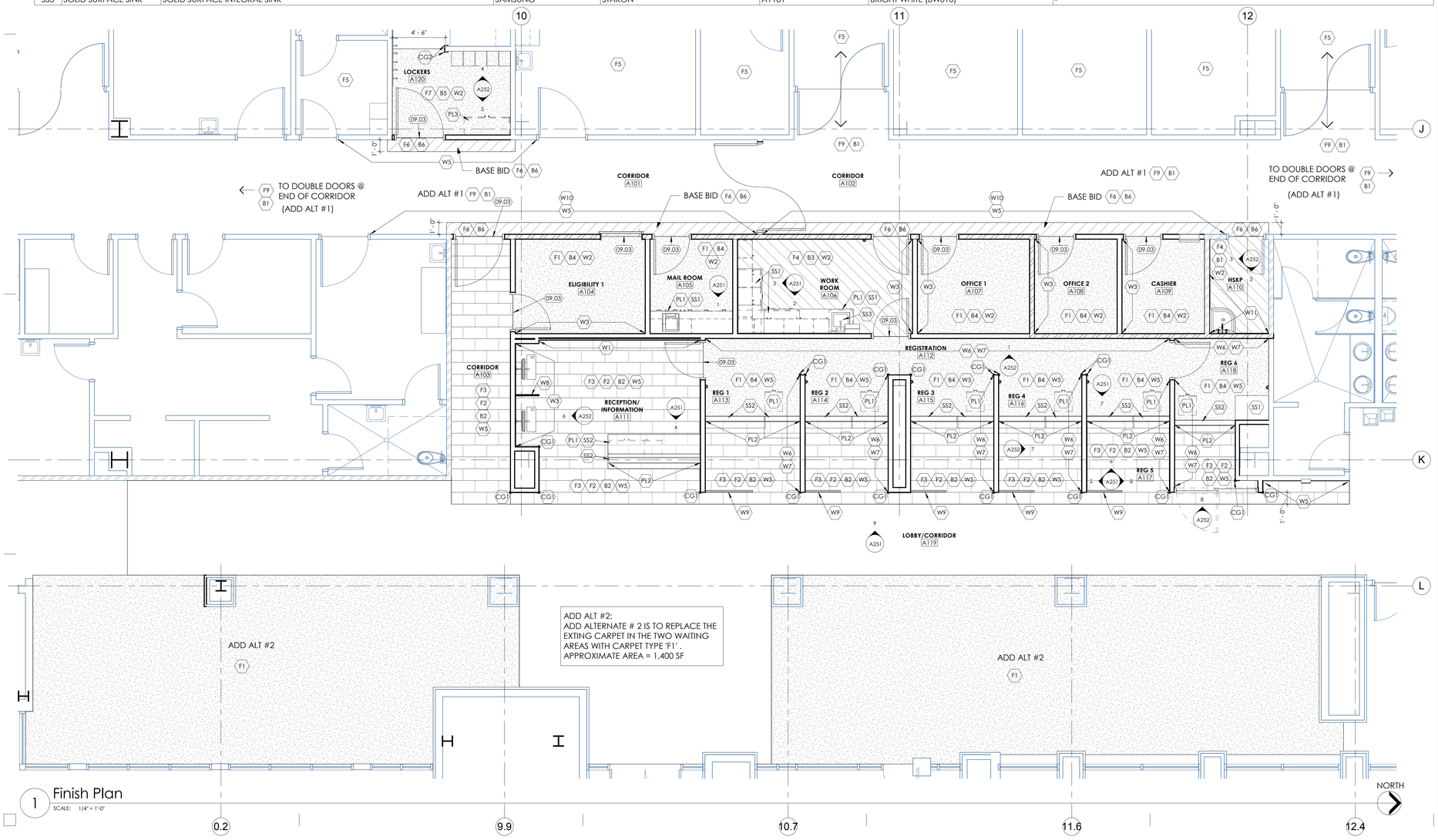
TAG	FINISH TYPE	DESCRIPTION	MANUFACTURER	STYLE	MODEL #	COLOR	COMMENTS
F1	FLOOR FINISH	CARPET TILE 9" x 36"	SHAW	DRIFT TILE	5T142	HIKE 38751	-
F2	FLOOR FINISH	ACCENT TILE 2" x 12"	DALTILE	URBAN METALS	UM01	DECO A	CONTINUE NEW TILE PATTERN FROM EXISTING LOBBY CORRIDOR PATTERN
F3	FLOOR FINISH	FIELD TILE 12" x 24"	DALTILE	SLATE ATTACHE'	SA05	META BEIGE	CONTINUE NEW TILE PATTERN FROM EXISTING LOBBY CORRIDOR PATTERN
F4	FLOOR FINISH	SHEET VINYL	MANNINGTON	BIOSPEC MD	15361	FLAX	-
F5	FLOOR FINISH	EXISTING FLOORING TO REMAIN (PROTECT DURING CONSTRUCTION)	-	-	-	-	-
F6	FLOOR FINISH	SHEET LINOLEUM W/ INTEGRAL COVED BASE - MATCH ADJACENT EXISTING	ARMSTRONG	MARMORETTE	LP091	MUSHROOM	PROVIDE ALUMINUM TOP TRIM TO MATCH ADJACENT EXISTING
F7	FLOOR FINISH	BROADLOOM CARPET - MATCH ADJACENT EXISTING	SHAW	SHIMMER	5A017	CHOCOLATE SILK 17500	-
F9	FLOOR FINISH	NEW FLOOR FINISH ~ APPROX. 1,600 SF (ADD ALT #1)	MANNINGTON	BIOSPEC MD	15361	FLAX	FLOORING IN BACK OF HOUSE CORRIDOR : BASE BID IS TO REPLACE FLOORING 1'-0" W X LENGTH AS SHOWN. ADD ALTERNATE IS TO REPLACE APPROXIMATELY 1,600 SF OF FLOORING AND BASE.
B1	WALL BASE	6"H INTEGRAL COVED BASE	MANNINGTON	BIOSPEC MD	15361	FLAX	PROVIDE ALUMINUM TOP TRIM. PROVIDE 4" COVED BASE IN CORRIDOR FOR ADD ALTERNATE # 1
B2	WALL BASE	TILE WALL BASE 3" x 12"	DALTILE	SLATE ATTACHE'	P-43C9	SA05 META BEIGE	-
B3	WALL BASE	4" HIGH RUBBER BASE	ROPPE	PINNACLE	STANDARD TOE	194 BURNT UMBER	-
B4	WALL BASE	4"H BROADLOOM CARPET BASE W/ BOUND EDGE	SHAW	HIGHLIGHT	60735	PORTABELLA 35761	-
B5	WALL BASE	4" HIGH RUBBER BASE - MATCH ADJACENT EXISTING	ROPPE	PINNACLE	STANDARD TOE	114 LUNAR DUST	-
B6	WALL BASE	4"H SELF COVED BASE W/ ALUMINUM TOP TRIM	ARMSTRONG	MARMORETTE	LP091	MUSHROOM	-
W1	WALL FINISH	STONE VENEER WALL	DELTA STONE	MOUNTAIN VALLEY STONE	-	NATURAL BLEND	STONE VENEER TO MATCH ADJACENT EXISTING.
W2	WALL FINISH	FIELD PAINT	SHERWIN WILLIAMS	EGGSHELL	DE6190	MATCH DUNN EDWARDS - BALL OF STRING	EPOXY PAINT REQUIRED IN HOUSEKEEPING - ROOM A110
W3	WALL FINISH	ACCENT PAINT & SOFFIT PAINT (WHERE SPECIFIED)	SHERWIN WILLIAMS	EGG SHELL	SW 2827	COLONIAL REVIVAL STONE	SOFFIT PAINT IN RECEPTION AREA.
W4	WALL FINISH	DOOR FRAME PAINT	SHERWIN WILLIAMS	SEMI GLOSS	SW 2827	COLONIAL REVIVAL STONE	TYPICAL PAINT FOR ALL DOOR FRAMES.
W5	WALL FINISH	FIELD PAINT	SHERWIN WILLIAMS	EGGSHELL	DE6191	MATCH DUNN EDWARDS - EXCLUSIVE IVORY	-
W6	WALL FINISH	ACOUSTICAL WALL PANELS W/ SQUARE EDGE	KOROSEAL	PERFORMANCE PLUS SERIES	1-1/8" THICK	COVER W/ SPECIFIED VINYL WALL COVERING	INSTALL W/ ROTOFAST FASTENERS. SEE INTERIOR ELEVATIONS FOR PANEL SIZES AND LAYOUT.
W7	WALL FINISH	VINYL WALL COVERING (MANUFACTURER TO WRAP ACOUSTICAL PANELS)	KOROSEAL	POLLACK-SPIROGRAPHICS	1124-44	BRONZE	PERFORATED PER ACOUSTICAL PANEL MANUFACTURER
W8	WALL FINISH	DECORATIVE RESIN PANEL - 2'-0" x 6'-6" x 1/2" THICK	3-FORM	VARIA ECORESIN	READY TO GO PARTITION, 200.01, SIMPLE SPEC	BIRCH	SANDSTONE F01 FINISH BOTH SIDES. PANEL TO BE CENTERED WITH EQUAL OPEN SPACE AT TOP AND BOTTOM OF PANEL .
W9	WALL FINISH	ACID ETCHED TEMPERED GLASS PANEL 1/2" THICK WITH POLISHED EDGES AND TOP AND BOTTOM MULLIONS.	MCGRORY GLASS	CUSTOM FINISH	NBBJS-069	-	SEE DOOR & FRAME SCHEDULE
W10	WALL FINISH	CRASH RAIL AND HAND RAIL	INPRO	MATCH ADJACENT EXISTING	1600WALL GUARD WITH BUMPERS	CASHEW 0240	-
W11	WALL FINISH	WALL TILE 4-1/4" x 4-1/4"	DALTILE	SEMI-GLOSS	0100	WHITE	USE BULLNOSE TILE AT ALL EXPOSED EDGES
CG1	CORNER GUARD	CORNER GUARD 1" X 1" X 3'-0" X 3/4" THICK SOLID WOOD CORNER GUARD	-	MATCH ADJACENT EXISTING WOOD	-	MATCH EXISTING WOOD STAIN	-
CG2	CORNER GUARD	CORNER GUARD 3" X 3" X FULL HEIGHT	INPRO	INPRO HIGH INPACT CORNER GUARD	150 SERIES	CASHEW 0240	-
PL1	PLASTIC LAMINATE	PLASTIC LAMINATE MILLWORK	WILSONART	GLOSS LINE FINISH	8213K-28	PHANTOM COCOA	-
PL2	WOOD VENEER	3/4" THICK WOOD VENEER FACE PANEL SYSTEM	-	MATCH EXISTNG WOODWORK TRIM SPECIES	-	MATCH EXISTING WOODWORK TRIM STAIN	-
PL3	PLASTIC LAMINATE	PLASTIC LAMINATE MILLWORK	PIONITE	-	ST606	TAUPE	-
SS1	SOLID SURFACE FINISH	SOLID SURFACE COUNTERTOP	CORIAN	-	-	CONCRETE	-
SS2	SOLID SURFACE FINISH	QUARTZ COUNTERTOP- 2CM	SILESTONE	-	-	SIENNA RIDGE	-
SS3	SOLID SURFACE SINK	SOLID SURFACE INTEGRAL SINK	SAMSUNG	STARON	A1181	BRIGHT WHITE (BW010)	-



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

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KEYED NOTES

09.03 SEE DETAILS 1/A504 & 2/A504 FOR TYPICAL TRANSITION STRIPS.

FLOOR PATTERN LEGEND

CARPET

TILE

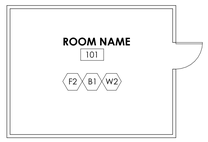
SHEET VINYL OR LINOLEUM

GENERAL NOTES & LEGEND

A. SEE SHEET G005 FOR GENERAL NOTES AND LEGEND.
B. SEE SHET A601 FOR DOOR SCHEDULE.

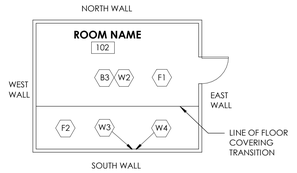
FINISH PLAN - SAMPLE LAYOUT

SAMPLE LAYOUT 1



NOTE: AS INDICATED IN ROOM NUMBER 101, MAJORITY OF THE ROOMS IN THE PROJECT SHALL HAVE A SINGLE TYPE OF FLOOR FINISH, WALL BASE AND WALL FINISH, WALL FINISH INDICATED AS "W2" SHALL APPLY TO ALL FOUR WALLS FROM FLOOR TO CEILING.

SAMPLE LAYOUT 2



NOTE: AS INDICATED IN ROOM NUMBER 102, SOME ROOMS SHALL HAVE MULTIPLE FLOOR AND WALL FINISHES. THE WALL FINISH INDICATED AS "W2" IN THE ROOM (WITHOUT AN ARROW POINTING TO ANY SPECIFIC WALL) SHALL APPLY TO THE WEST, NORTH AND EAST WALL. WHERE WALL FINISHES ARE INDICATED WITH AN ARROW POINTING TO THE SOUTH WALL, SHALL HAVE MULTIPLE FINISHES SUCH AS "W3" AND "W4". SEE INTERIOR ELEVATIONS FOR TRANSITION DETAILS BETWEEN "W3" AND "W4".

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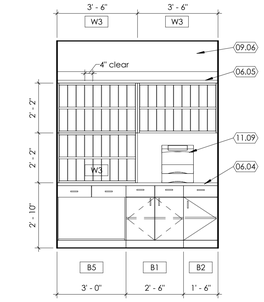
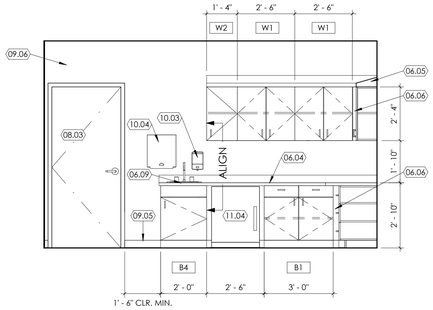
Finish Plan & Schedule

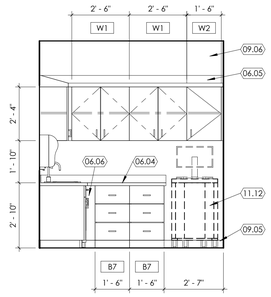
A151



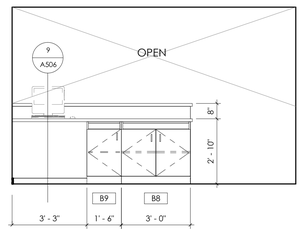
1 Mail Room A105 - East
SCALE: 3/8" = 1'-0"



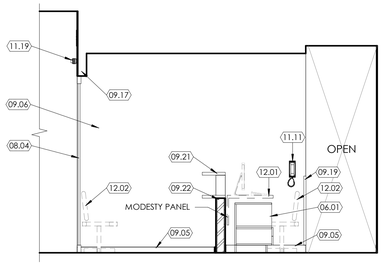
2 Workroom A106 - East
SCALE: 3/8" = 1'-0"



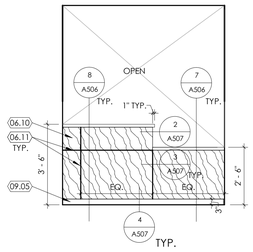
3 Workroom A106 - South
SCALE: 3/8" = 1'-0"



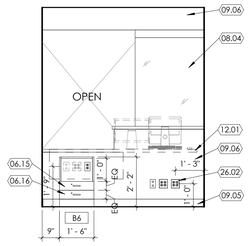
4 Reception/Information A111 - East
SCALE: 3/8" = 1'-0"



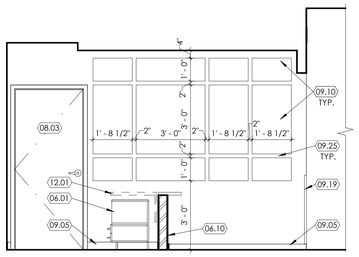
5 Typical Registration Bay - South
SCALE: 3/8" = 1'-0"



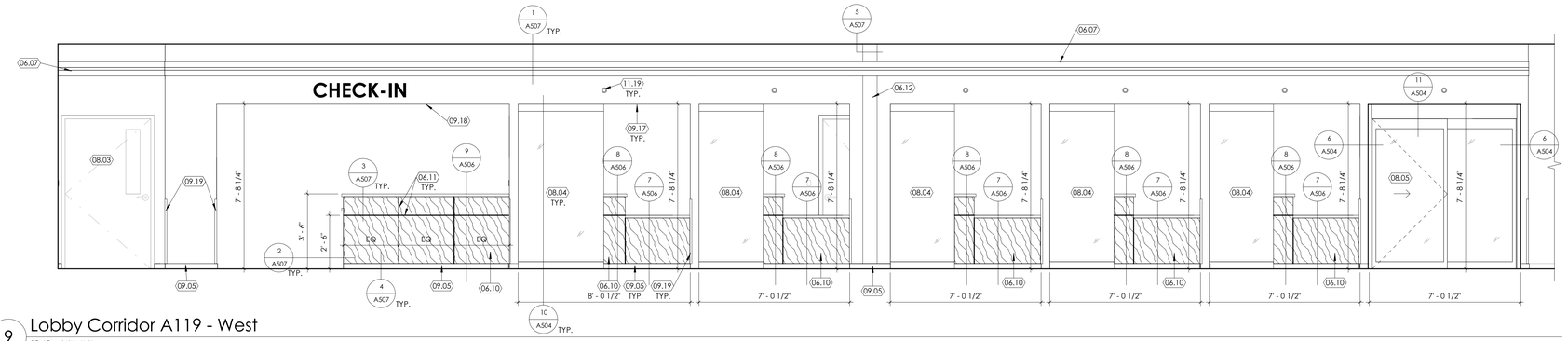
6 Typical Registration Bay - West
SCALE: 3/8" = 1'-0"



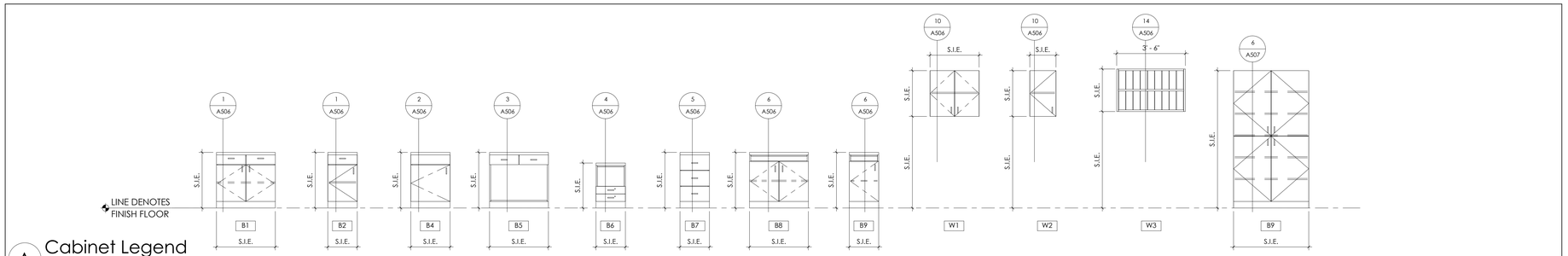
7 Typical Registration Bay - East
SCALE: 3/8" = 1'-0"



8 Registration Bay 5 (A117) - North
SCALE: 3/8" = 1'-0"



9 Lobby Corridor A119 - West
SCALE: 3/8" = 1'-0"



A Cabinet Legend
SCALE: 3/8" = 1'-0"

KEYED NOTES

06.01	MILLWORK CABINET BELOW WITH OPENING FOR SMALL PRINTER, AND LOCKABLE DRAWERS FOR CASH AND HAND-HELD EQUIPMENT. SEE INTERIOR ELEVATIONS AND CABINET LEGEND AND DETAILS. ANCHOR CABINET TO FLOOR BELOW.
06.04	SOLID SURFACE COUNTERTOP WITH INTEGRAL BACKSPLASH. SEE DETAIL 11/A506.
06.05	P-LAM SLANTED DUST TOP PANEL. SEE DETAIL 16/506.
06.06	P-LAM FILLER PANEL AS REQUIRED, TYP.
06.07	HARDWOOD AND ALUMINUM REVEAL TO MATCH ADJACENT EXISTING. SEE DETAIL 1/A507
06.09	SOLID SURFACE INTEGRAL SINK. BASIS OF DESIGN STARON A1181 SINK. COLOR BRIGHT WHITE (BW010).
06.10	3/4" THICK WOOD VENEER FACED PANEL SYSTEM. WOOD SPECIES: MAPLE- PLAIN SLICED. STAIN TO MATCH WOOD TRIM IN THE LOBBY. ATTACH TO GYPSUM BOARD WALL USING BROOKLYN HARDWARE. CONTINUOUS ALUMINUM PANEL CLIP SYSTEM OR APPROVED EQUAL. WOOD GRAIN TO RUN VERTICAL, TYP. U.N.O. SEE DETAILS ON SHEET A507.
06.11	3/16" REVEAL. SEE DETAIL 3/A507
06.12	HARDWOOD VERTICAL REVEAL. STAIN WOOD TO MATCH EXISTING. SEE DETAIL 5/A507
06.15	LOCKABLE DRAWER FOR I-PAD. PROVIDE GROMMET ABOVE TO RUN I-PAD CHARGING CABLE FROM USB OUTLET TO DRAWER TO CHARGE I-PAD.
06.16	LOCKABLE DRAWER FOR CASH.
08.03	DOOR. SEE DOOR SCHEDULE.
08.04	1/2" THICK TEMPERED GLAZING WITH POLISHED EDGES AND WITH TOP AND BOTTOM SIDELITE RAIL. BASIS OF DESIGN CRL- CUSTOM COLOR 4" CUSTOM LENGTH SIDELITE RAIL FOR 1/2" GLASS. CUSTOM COLOR AND FINISH TO MATCH EXISTING MULLION SYSTEM FOR THE ENTIRE BUILDING. SEE DETAIL 10/A504. ANCHOR TO FLOOR AND CEILING PER MANUFACTURES RECOMMENDATION. SEE FINISH SCHEDULE FOR GLASS TYPE.
08.05	AUTOMATIC SLIDING ALUMINUM AND GLASS DOOR. BASIS OF DESIGN: STANLEY ACCESS TECHNOLOGIES "DURA-GLIDE 200 SERIES- SINGLE SLIDE RIGHT HAND WITH ACCESS CONTROL, RECESSED. CUSTOM COLOR AND FINISH TO MATCH EXISTING BUILDING MULLION SYSTEM. SEE ELECTRICAL DRAWINGS FOR POWER. ANCHOR TO JAMBS AND CEILING PER MANUFACTURES RECOMMENDATION.
09.05	SCHEDULED BASE - SEE FINISH PLAN AND SCHEDULE.
09.06	PAINTED GYPSUM BOARD - SEE FINISH PLAN AND SCHEDULE.
09.10	ACOUSTIC WALL PANELS, SEE FINISH PLAN AND SCHEDULE.
09.17	GYPSUM BOARD HEADER. SEE DETAIL 6/A505.
09.18	GYPSUM BOARD SOFFIT. SEE DETAIL 9/A505.
09.19	CORNER GUARD. SEE FINISH PLAN AND SCHEDULE.
09.21	PARTIAL HEIGHT WALL WITH TRANSACTION COUNTER. SEE INTERIOR ELEVATIONS AND DETAIL 8/A506
09.22	PARTIAL HEIGHT WALL WITH LOW COUNTER. SEE INTERIOR ELEVATIONS AND DETAIL 7/A506
09.25	PAINTED GYP. BD. REVEAL, TYPICAL.
10.03	SOAP DISPENSER. OFCI.
10.04	PAPER TOWEL DISPENSER, OFCI.
11.04	UNDER-COUNTER REFRIGERATOR. SEE ELECTRICAL DRAWINGS FOR POWER INFORMATION.
11.09	DESKTOP PRINTER. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA.
11.11	WALL PHONE. SEE ELECTRICAL DRAWINGS.
11.12	WORKSTATION ON WHEELS (WOW), OFOI. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA.
11.19	PATIENT CALL LIGHT. SEE ELECTRICAL DRAWINGS.
12.01	HEIGHT-ADJUSTABLE DESK, 24"D WITH MODESTY PANEL - PROVIDED AND INSTALLED BY OWNER'S VENDOR - MIDWEST COMMERCIAL INTERIORS (MWCI), COORDINATE LOCATION OF POWER AND DATA WITH FURNITURE PLANS. SEE ELECTRICAL DRAWINGS.
12.02	FURNITURE, PROVIDED AND INSTALLED BY OWNER'S VENDOR - MIDWEST COMMERCIAL INTERIORS (MWCI), COORDINATE LOCATION OF POWER AND DATA WITH FURNITURE PLANS. PLEASE MAKE SURE NOT TO INSTALL POWER OR DATA BEHIND ANY BASE PEDESTALS. SEE ELECTRICAL DRAWINGS.
26.02	POWER/DATA OUTLETS. SEE ELECTRICAL DRAWINGS.

GENERAL NOTES & LEGEND

A. SEE SHEET G005 FOR GENERAL NOTES AND LEGEND.
B. SEE SHEET A151 FOR FINISH SCHEDULE.
C. SEE SHET A601 FOR DOOR SCHEDULE.

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SELVAM RAJAVELU
267857-0301
LICENSED ARCHITECT

Intermountain Healthcare
Park City Hospital
Level 1 Registration Remodel

900 Round Valley Dr
Park City, Utah 84060

NJRA Project # 17221.00
Construction Documents Feb 7, 2019

Interior Elevations & Cabinet Legend

A251

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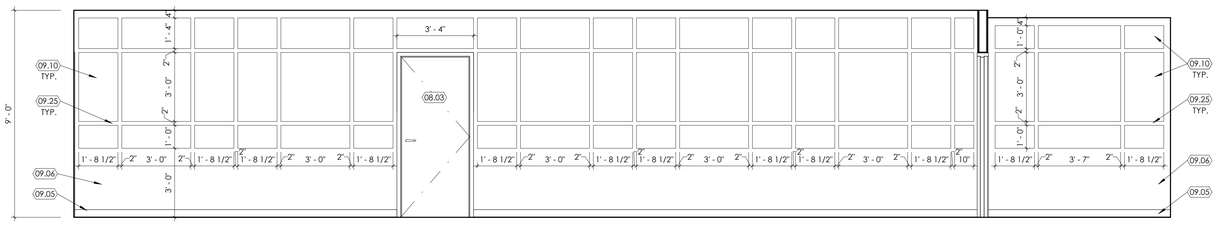
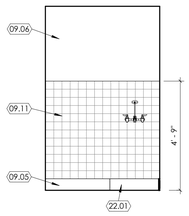
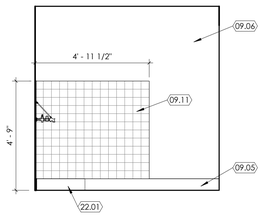


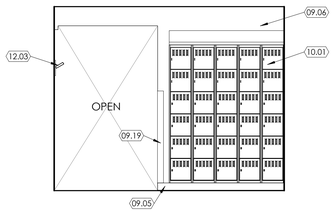
1 Registration Hallway A112 - West
SCALE: 3/8" = 1'-0"



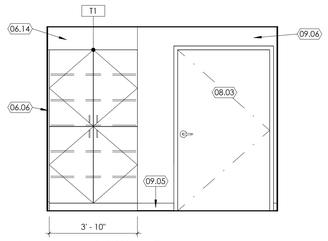
2 Housekeeping - South
SCALE: 3/8" = 1'-0"



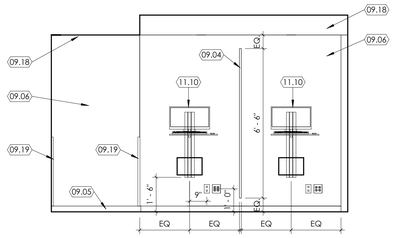
3 Housekeeping - East
SCALE: 3/8" = 1'-0"



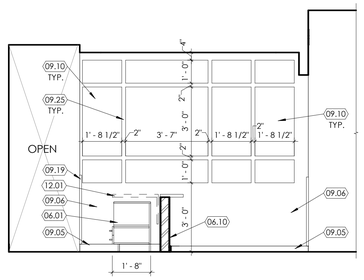
4 Lockers A120 - West
SCALE: 3/8" = 1'-0"



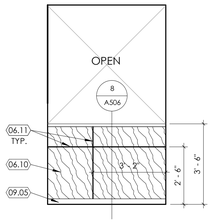
5 Lockers A120 - East
SCALE: 3/8" = 1'-0"



6 Reception/Information A111 - South
SCALE: 3/8" = 1'-0"



7 Typical Registration Bay - North
SCALE: 3/8" = 1'-0"



8 Registration Bay 6 - West
SCALE: 3/8" = 1'-0"

KEYED NOTES

06.01	MILLWORK CABINET BELOW WITH OPENING FOR SMALL PRINTER, AND LOCKABLE DRAWERS FOR CASH AND HAND-HELD EQUIPMENT. SEE INTERIOR ELEVATIONS AND CABINET LEGEND AND DETAILS. ANCHOR CABINET TO FLOOR BELOW.
06.06	P-LAM FILLER PANEL AS REQUIRED, TYP.
06.10	3/4" THICK WOOD VENEER FACED PANEL SYSTEM. WOOD SPECIES: MAPLE- PLAIN SLICED. STAIN TO MATCH WOOD TRIM IN THE LOBBY. ATTACH TO GYPSUM BOARD WALL USING BROOKLYN HARDWARE. CONTINUOUS ALUMINUM PANEL CLIP SYSTEM OR APPROVED EQUAL. WOOD GRAIN TO RUN VERTICAL. TYP. U.N.O. SEE DETAILS ON SHEET A507.
06.11	3/16" REVEAL. SEE DETAIL 3/A507
06.14	P-LAM CLOSER PANEL TO CEILING ABOVE. SEE DETAIL 15/A506
08.03	DOOR. SEE DOOR SCHEDULE.
09.04	DECORATIVE RESINOUS DIVIDER PANEL - SEE FINISH PLAN AND SCHEDULE. 1/2" THICK PANEL WITH 3-FORM READY TO GO PARTITION, MODEL # 200.01 SIMPLE SPEC.
09.05	SCHEDULED BASE - SEE FINISH PLAN AND SCHEDULE.
09.06	PAINTED GYPSUM BOARD - SEE FINISH PLAN AND SCHEDULE.
09.10	ACOUSTIC WALL PANELS. SEE FINISH PLAN AND SCHEDULE.
09.11	CERAMIC WALL TILE OVER 5/8" THICK CEMENT BACKER BOARD. PROVIDE BULLNOSE TILE AT EXPOSED EDGES. SEE FINISH PLAN AND SCHEDULE.
09.18	GYPSUM BOARD SOFFIT. SEE DETAIL 9/A505.
09.19	CORNER GUARD. SEE FINISH PLAN AND SCHEDULE.
09.25	PAINTED GYP. BD. REVEAL. TYPICAL.
10.01	METAL LOCKERS. 12"W X 15"D X 12"H. SIX TIER. TOTAL: 30 LOCKERS. SEE SPECIFICATIONS. LOCKERS TO HAVE 6" BASE AND SLOPED DUST TOP AND FILLER PIECE/FINISHED ENDS AS REQUIRED.
11.10	ERGOTRON LX WALL MOUNT FOR CHECK-IN KIOSK. SEE DETAIL 13/A502 FOR WALL BACKING. ALSO SEE INTERIOR ELEVATIONS AND ELECTRICAL DRAWINGS. EXISTING KIOSK TO BE RELOCATED TO THIS LOCATION.
12.01	HEIGHT-ADJUSTABLE DESK. 24"D WITH MODESTY PANEL - PROVIDED AND INSTALLED BY OWNER'S VENDOR - MIDWEST COMMERCIAL INTERIORS (MWCI). COORDINATE LOCATION OF POWER AND DATA WITH FURNITURE PLANS. SEE ELECTRICAL DRAWINGS.
12.03	COAT RACK. BASIS OF DESIGN: UMBRA FLIP (R) 8-HOOK WALL MOUNT RACK/RAIL. COLOR: WALNUT.
22.01	NEW MOP SINK . SEE PLUMBING DRAWINGS.

GENERAL NOTES & LEGEND

A. SEE SHEET G005 FOR GENERAL NOTES AND LEGEND.
B. SEE SHEET A151 FOR FINISH SCHEDULE.
C. SEE SHET A601 FOR DOOR SCHEDULE.

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STATE OF UTAH
SELVAM RAJAVELU
287887-0301
LICENSED ARCHITECT

Intermountain Healthcare
Park City Hospital
Level 1 Registration Remodel

900 Round Valley Dr
Park City, Utah 84060

NJRA Project # 17221.00
Construction Documents Feb 7, 2019

Interior Elevations

A252

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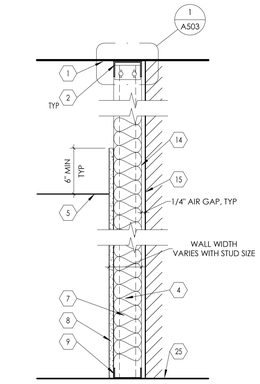
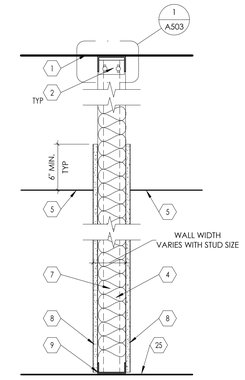


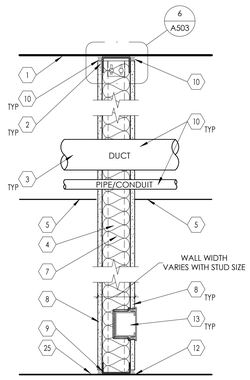
WALL TYPE	STUD SIZE	WALL WIDTH
A1	1 1/2"	2 1/8"
A2	2 1/2"	3 1/8"
A3	3 5/8"	4 1/4"
A6	6"	6 5/8"

Type - A
Metal Stud Furring Wall



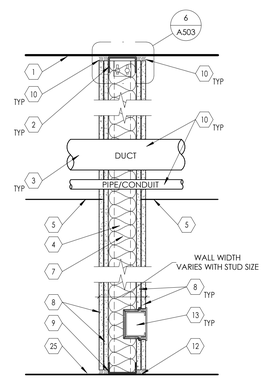
WALL TYPE	STUD SIZE	WALL WIDTH
B2	2 1/2"	3 3/4"
B3	3 5/8"	4 7/8"
B6	6"	7 1/4"

Type - B
Typical Metal Stud Wall



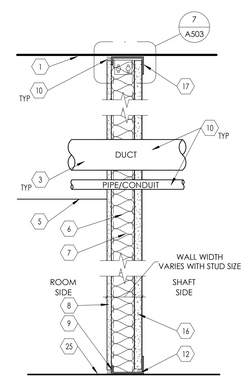
WALL TYPE	STUD SIZE	WALL WIDTH	U.L. DESIGN #
C3	3 5/8"	4 7/8"	U465
C4	4"	5 1/4"	U465
C6	6"	7 1/4"	U465

Type - C
1 Hour Fire Rated



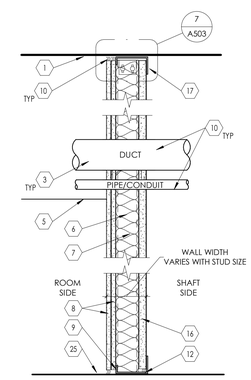
WALL TYPE	STUD SIZE	WALL WIDTH	U.L. DESIGN #
D3	3 5/8"	6 1/8"	U411
D4	4"	6 1/2"	U411
D6	6"	8 1/2"	U411

Type - D
2 Hour Fire Rated



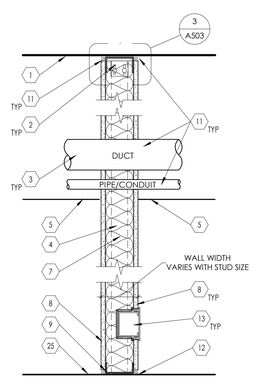
WALL TYPE	STUD SIZE	WALL WIDTH	U.L. DESIGN #
E2	2 1/2"	4 1/8"	U415 SYS. A
E4	4"	5 5/8"	U415 SYS. A
E6	6"	7 5/8"	U415 SYS. A

Type - E
1 Hour Fire Rated Shaft Wall



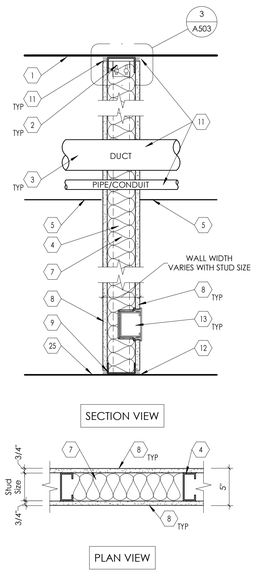
WALL TYPE	STUD SIZE	WALL WIDTH	U.L. DESIGN #
F4	4"	6 1/4"	U415 SYS. A
F6	6"	8 1/4"	U415 SYS. A

Type - F
2 Hour Fire Rated Shaft Wall



WALL TYPE	STUD SIZE	WALL WIDTH
G2	2 1/2"	3 3/4"
G3	3 5/8"	4 7/8"
G4	4"	5 1/4"
G6	6"	7 1/4"

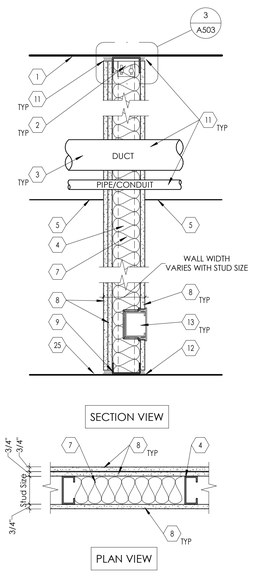
Type - G
Smoke Partition



WALL TYPE	STUD SIZE	WALL WIDTH
H3	3 5/8"	4 7/8"
H4	4"	5 1/4"
H6	6"	7 1/4"

Type - H
Sound Barrier 40 STC

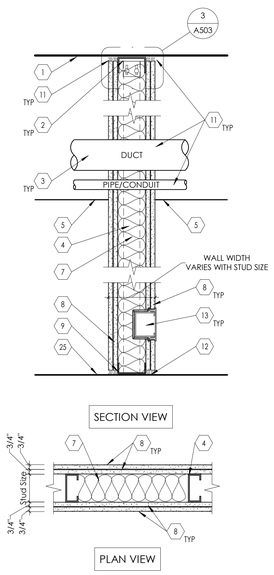
Sound Attenuation (STC) Test: NGC 25116



WALL TYPE	STUD SIZE	WALL WIDTH
J3	3 5/8"	5 1/2"
J4	4"	5 7/8"
J6	6"	7 7/8"

Type - J
Sound Barrier 45 STC

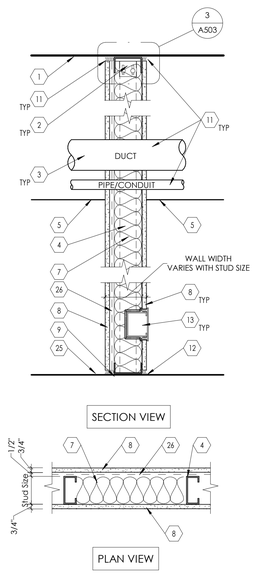
Sound Attenuation (STC) Test: NGC 25116



WALL TYPE	STUD SIZE	WALL WIDTH
K3	3 5/8"	6 1/8"
K4	4"	6 1/2"
K6	6"	8 1/2"

Type - K
Sound Barrier 50 STC

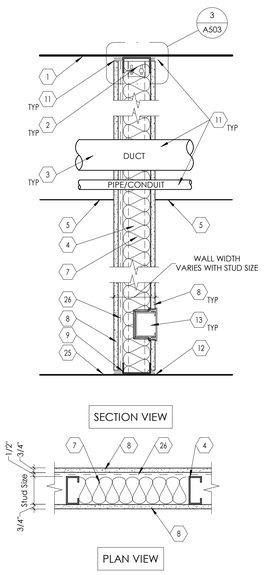
Sound Attenuation (STC) Test: NGC 25116



WALL TYPE	STUD SIZE	WALL WIDTH
L3	3 5/8"	5 3/8"
L4	4"	5 3/4"
L6	6"	7 3/4"

Type - L
Sound Barrier 50 STC

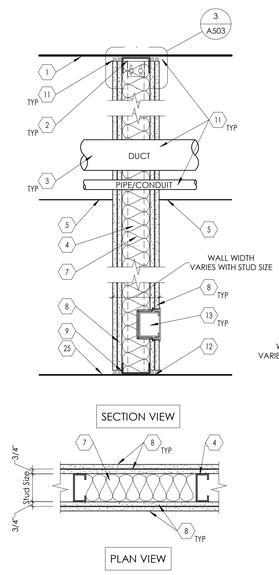
Sound Attenuation (STC) Test: NGC 25116



WALL TYPE	STUD SIZE	WALL WIDTH
M3	3 5/8"	5 1/2"
M4	4"	5 7/8"
M6	6"	7 7/8"

Type - M
1 Hour Fire Rated Sound Barrier 50 STC

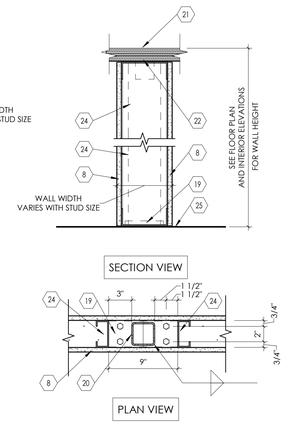
Sound Attenuation (STC) Test: NGC 25116



WALL TYPE	STUD SIZE	WALL WIDTH
N3	3 5/8"	6 1/8"
N4	4"	6 1/2"
N6	6"	8 1/2"

Type - N
2 Hour Fire Rated Sound Barrier 50 STC

Sound Attenuation (STC) Test: NGC 25116



WALL TYPE	STUD SIZE	WALL WIDTH
P3	3 5/8"	4 7/8"
P4	4"	5 1/4"
P6	6"	7 1/4"

Type - P
Partial Height Wall

KEYED NOTE

1. LINE OF FLOOR OR ROOF DECK AS OCCURS.
2. TO ACCOMMODATE FOR STRUCTURE DEFLECTION, PROVIDE SLIP CONNECTION BETWEEN TOP RUNNER TRACK AND METAL STUD FRAMING. SEE DETAIL **9 / A503**
3. STUD FRAMING AROUND DUCT OPENINGS. SEE DETAIL **11 / A502**
4. METAL STUDS, 20 GA STRUCTURAL (33 MILS) AT 16" O.C, U.N.O. BASED ON WALL TYPES INDICATED IN FLOOR PLAN. PROVIDE STUD SIZE AS INDICATED IN WALL TYPES WITH TRACK RUNNERS AT TOP AND BOTTOM. FOR STUD FRAMING AROUND DOOR AND WINDOW OPENINGS, SEE DETAIL **11 / A502**
5. LINE OF CEILING AS OCCURS SEE REFLECTED CEILING PLAN.
6. STEEL STUDS, 'C-H' SHAPED, 20 GA STRUCTURAL AT 24" O.C.
7. PROVIDE ACOUSTIC INSULATION BLANKET FOR FULL DEPTH OF THE STUD CAVITY THROUGHOUT, UNO, FOR 4" & 3 5/8" STUDS PROVIDE R-13 UNFACED BATT INSULATION AND FOR 6" STUDS PROVIDE R-19 UNFACED BATT INSULATION.
8. GYPSUM BOARD, 5/8" THICK, TYPE 'X' , U.N.O, ATTACHED TO METAL STUD FRAMING. SEE GENERAL NOTE 'B'.
9. ANCHOR BASE TRACK TO CONCRETE FLOOR BELOW. SEE DETAIL **8 / A502**
10. FILL GAP BETWEEN DECK AND METAL TRACK TOP RUNNER WITH FIRESTOP SEALANT, SEAL TIGHTLY AROUND ALL PIPES, CONDUITS, DUCTS, ETC. ON EACH SIDE OF THE FIRE BARRIER WALL (CONTINUOUS) WITH APPROVED FIRESTOP SEALANT INSTALLED AROUND ALL PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE FIRE BARRIER.
11. FILL GAP BETWEEN DECK AND METAL TRACK TOP RUNNER WITH ACOUSTIC SEALANT, SEAL TIGHTLY AROUND ALL PIPES, CONDUITS, DUCTS, ETC. ON EACH SIDE OF THE WALL (CONTINUOUS) AND AROUND ALL PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE WALL.
12. STOP GYPSUM BOARD 1/4" ABOVE THE FLOOR TYP. ON EACH SIDE OF WALL. PROVIDE ACOUSTIC SEALANT AT SOUND WALLS AND FIRESTOP SEALANT AT RATED WALLS ON EACH SIDE OF THE WALL (CONTINUOUS).
13. OUTLET BOX AS OCCURS. PROVIDE FIRE BARRIER MOLDABLE PUTTY PADS AND FIRESTOP SEALANT AROUND ELECTRICAL BOXES AT ALL RATED WALLS AND SOUND BARRIER WALLS AND AT BACK TO BACK ELECTRICAL BOXES AT SMOKE PARTITION WALLS, TYP.
14. PROVIDE STRAPPING AND BLOCKING AT FURRING WALL. SEE DETAIL **12 / A502**
15. LINE INDICATES EXISTING WALL OR STRUCTURE. PROVIDE 1/4" AIR GAP.
16. GYPSUM BOARD SHAFT LINER PANEL, 1" THICK, TYPE 'X', ATTACHED TO C-H STUDS.
17. STEEL RUNNER, 'J' SHAPED WITH UNEQUAL LEGS OF 1" AND 2", 20 GA, ATTACHED TO FLOOR AND STRUCTURE ABOVE WITH FASTENERS LOCATED NO GREATER THAN 2" FROM ENDS AND NO MORE THAN 24" O.C. RUNNERS SHOULD BE POSITIONED WITH SHORT LEG TO FINISHED SIDE OF WALL.
18. STOP STUD RUNNER AT BASE PLATES.
19. 3/8" THICK STEEL PLATE WITH 4-1/2" DIA. HILTI-HY200 EPOXY ANCHORS WITH 2-3/8" HILTI-HIT -2 ANCHORS, EMBED INTO CONCRETE 2-3/8"
20. TUBE STEEL 3" x 3" x 3/16" AT 6'- 0" O.C.
21. WALL CAP, SOLID SURFACE MATERIAL ATTACHED TO WALL BELOW.
22. PLYWOOD, 3/4" THICK, CONTINOUS FIRE TREATED. ATTACH PLYWOOD TO VERTICAL STEEL TUBE POST WITH 'L' SHAPED METAL CLIPS AND FASTENERS.
23. PROVIDE 1/4" RADIOUS ROUNDED EDGE, CONTINOUS.
24. METAL STUDS 16GA STRUCTURAL (35 MIL) AT 16" O.C. PROVIDE RUNNERS AT TOP AND BOTTOM. ATTACH TOP RUNNER TO PLYWOOD AND VERTICAL STEEL POST.
25. LINE OF FLOOR.
26. 2" X 1/2" RESILIENT CHANNEL INSTALLED HORIZONTALLY AND SPACED AT 24" O.C.

GENERAL NOTES

A. CONTRACTOR SHALL VERIFY ITEMS LIKE SEMI OR FULLY RECESSED MISCELLANEOUS BOXES, PANELS, PLUMBING LINES, CONDUITS, PIPES, ETC. THAT ARE CONCEALED IN THE WALL. IF 3-5/8" METAL STUD ARE INADEQUATE, CONTRACTOR SHALL NOTIFY THAT ARCHITECT AND USE 6" STUDS. COORDINATE WITH ALL THE CONSULTANT DRAWINGS PRIOR TO WALL CONSTRUCTION AND USE 6" OR 8", 20 GAUGE METAL STUDS FOR FRAMING IN LIEU OF 3-5/8" METAL STUDS.

B. USE 5/8" CEMENTITIOUS BOARD IF CERAMIC OR PORCELAIN WALL TILES ARE INDICATED IN THE FINISH SCHEDULES AS WALL FINISH. CEMENTITIOUS BOARD SHALL EXTEND FROM FINISHED FLOOR TO HEIGHT OF TILE. 5/8" WATER RESISTANT GYPSUM BOARD TO BE USED ABOVE TILE HEIGHT IN RESTROOMS. SEE FLOOR PLANS FOR CERTAIN UNIQUE LOCATIONS THAT REQUIRE LEAD LINED GYPSUM BOARD, IMPACT RESISTANT GYPSUM BOARD, SOUND ATTENUATION GYPSUM BOARD, ETC.

C. PROVIDE CONTROL JOINT AS PER DETAIL **14 / A502** WHEN LENGTH OF GYPSUM BOARD EXCEEDS 50' IN ONE DIRECTION OR AS DIRECTED BY ARCHITECT. COORDINATE WITH ARCHITECT FOR CONTROL JOINT LOCATIONS. WHEN GYPSUM BOARD OR CEMENTITIOUS BOARD IS ATTACHED VERTICALLY, USE 1" LONG #6 DRYWALL SCREWS TO EACH STUD. SCREWS ARE 8" O.C. AT PERIMETER AND 12" AT INTERMEDIATE STUD. WHEN GYPSUM BOARD IS ATTACHED HORIZONTALLY TO STUDS, HORIZONTAL JOINTS SHALL BE STAGGERED WITH THOSE ON THE OPPOSITE SIDE. SCREWS FOR HORIZONTAL APPLICATION SHALL BE 8" O.C. AT VERTICAL EDGES AND 12" O.C. AT INTERMEDIATE STUDS.

D. FOR LOCATION OF FIRE RATED WALLS AND SMOKE PARTITION WALLS SEE CODE COMPLIANCE PLAN.

E. SEE DIMENSION FLOOR PLANS FOR WALL TYPES USED IN THIS PROJECT. SOME WALL TYPES MAY NOT BE USED IN THIS PROJECT.

F. WHERE LEAD LINED WALLS ARE INDICATED ON THE DRAWINGS, USE 16 GA STUDS IN LIEU OF THE GUAGE OF STUDS CALLED OUT IN THE WALL TYPES.

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267857-0301
LICENSED ARCHITECT

Intermountain Healthcare Park City Hospital Level 1 Registration Remodel

900 Round Valley Dr
Park City, Utah 84060

NJRA Project # 17221.00
Construction Documents Feb 7, 2019

Wall Types

A501

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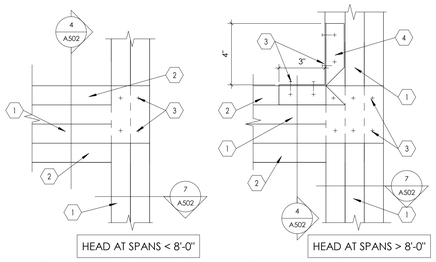
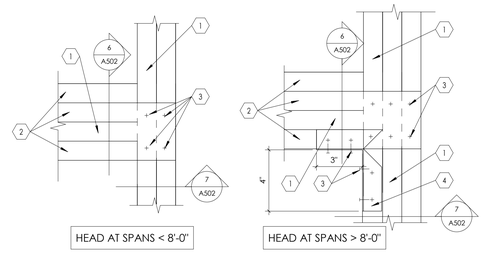


KEYED NOTES

1. METAL STUDS. SEE DETAIL 4 / A502
2. METAL TRACK. SEE DETAIL 4 / A502
3. 4 #12 SHEET METAL SCREWS EA. SIDE.
4. BENT TRACK - 18 GA MIN. COPE WEB AT JAMB-SILL CONDITION.

1 Framed Opening at Jamb/Sill Corner

SCALE: 3" = 1'-0"



KEYED NOTES

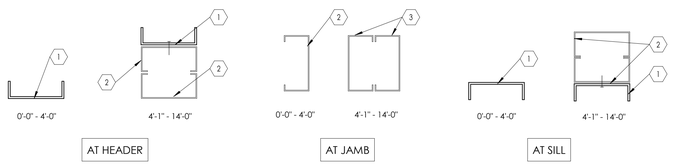
1. METAL STUDS. SEE DETAIL 6 / A502
2. METAL TRACK. SEE DETAIL 6 / A502
3. 4 #12 SHEET METAL SCREWS EA. SIDE.
4. BENT TRACK - 18 GA MIN. COPE WEB AT JAMB-HEADER CONDITION.

2 Framed Opening at Jamb/Head Corner

SCALE: 3" = 1'-0"

KEYED NOTES

1. METAL TRACK, 20 GA, TYP.
2. METAL STUDS, 20 GA.
3. METAL STUDS, 16GA.



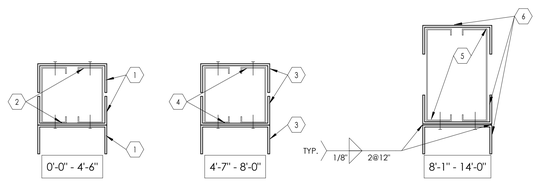
3 Typical Duct Opening

SCALE: 3" = 1'-0"

KEYED NOTES

1. METAL TRACK, 18 GA
2. METAL STUDS, 18 GA
3. METAL TRACK, 16 GA
4. METAL STUDS, 16 GA
5. 6" METAL STUDS, 14 GA
6. METAL TRACK, 14 GA

NOTE: ALL FASTENERS TO BE #12 SMS @ 2'-0" O.C. TYP.. U.N.O.

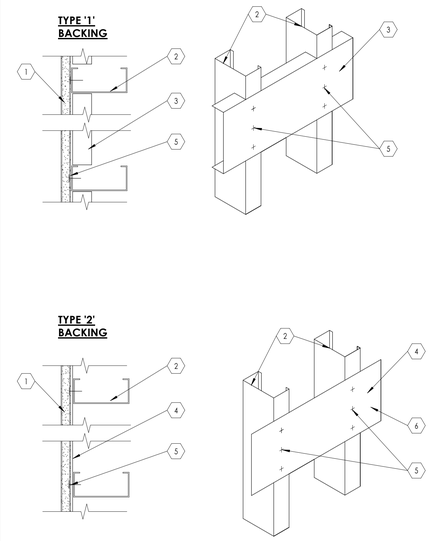


4 Typical Window Opening Framing at Sill

SCALE: 3" = 1'-0"

KEYED NOTES

1. 5/8", TYPE 'X' GYP. BD.
2. EXISTING OR NEW 3 5/8" OR 6" METAL STUDS AT 16" O.C.
3. 6 X 16 GA METAL STUD BLOCKING. EXTEND BLOCKING TO NEXT STUD BEYOND EQUIPMENT -TYPICAL BOTH SIDES.
4. 6" X 16" GA SHEET METAL BACKING. EXTEND BLOCKING TO NEXT STUD BEYOND EQUIPMENT - TYPICAL BOTH SIDES.
5. 3 #10 SHEET METAL SCREW AT EACH STUD.
6. WHERE WALL TYPE INCLUDES RESILIENT CHANNELS, USE ADDITIONAL CHANNELS AS FURRING FOR BACKING AS REQUIRED.



GENERAL NOTES

1. EXTEND BACKING PLATE TO NEXT STUD BEYOND SIDE OF FIXTURE OR ACCESSORIES - BOTH SIDES.
2. PROVIDE METAL SLEEVES THROUGH WALL FINISH AT FIXTURE AND EQUIPMENT FASTENING.
3. FOR MECHANICAL WORK ANCHORAGE SEE MECHANICAL DRAWINGS.

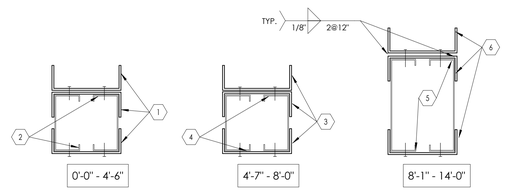
5 Backing Plate Schedule

SCALE: 3" = 1'-0"

KEYED NOTES

1. METAL TRACK, 18 GA
2. METAL STUDS, 18 GA
3. METAL TRACK, 16 GA
4. METAL STUDS, 16 GA
5. 6" METAL STUDS, 14 GA
6. METAL TRACK, 14 GA

NOTE:
ALL FASTENERS TO BE #12 SMS @2'-0" O.C. TYP., U.N.O.



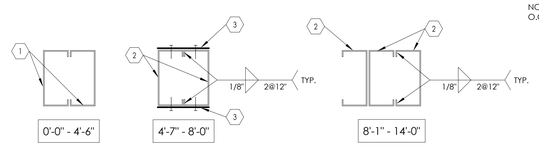
6 Typical Door and Window Opening Framing at Header

SCALE: 3" = 1'-0"

KEYED NOTES

1. METAL STUDS, 18 GA
2. METAL STUDS, 16 GA
3. 2" X 20 GA METAL STRAP AT 3'-6" O.C. EACH SIDE

NOTE: ALL FASTENERS TO BE #12 SMS @2'-0" O.C. TYP..

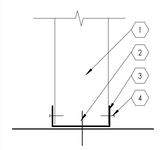


7 Typical Door and Window Opening Framing at Jamb

SCALE: 3" = 1'-0"

KEYED NOTES

1. METAL STUDS. SEE WALL TYPES.
2. .014" DIA. POWDER DRIVEN PINS WITH 1-1/4" MIN. EMBED AT 2" FROM THE ENDS.
3. METAL TRACK - 18 GA MIN.
4. #12 SHEET METAL SCREWS EA. SIDE.

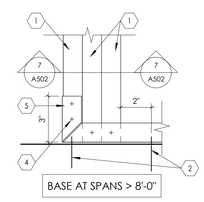


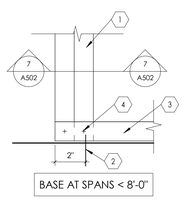
8 Base Track Detail

SCALE: 3" = 1'-0"

KEYED NOTES

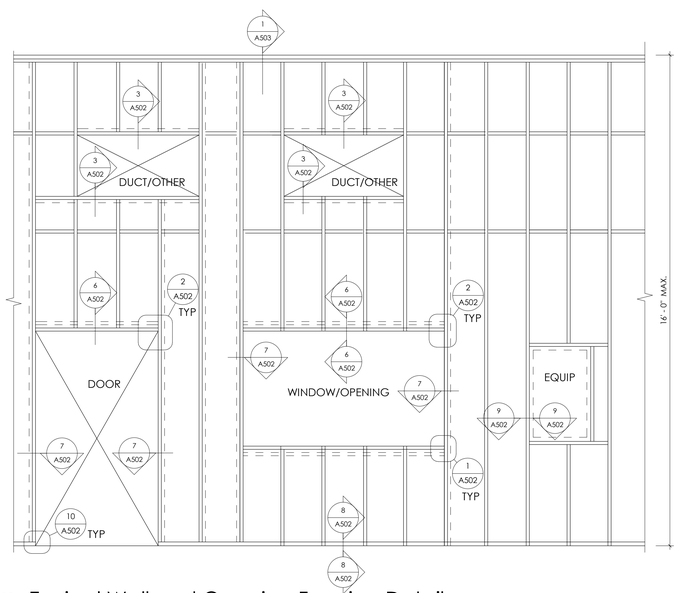
1. METAL STUDS. SEE WALL TYPES.
2. .014" DIA. POWDER DRIVEN PINS WITH 1-1/4" MIN. EMBED AT 2'-0" O.C. AND AT 2" FROM THE ENDS.
3. METAL TRACK - 18 GA MIN.
4. #12 SHEET METAL SCREWS EA. SIDE.
5. BENT TRACK - 18 GA MIN.





10 Framed Opening at Jamb

SCALE: 3" = 1'-0"

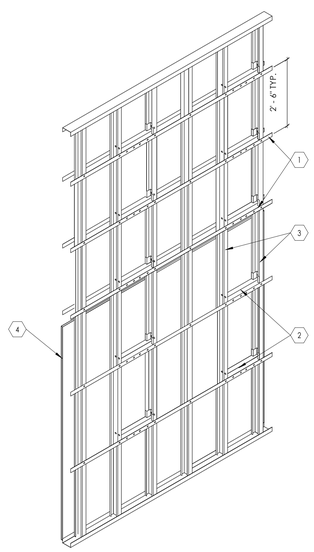


11 Typical Wall and Opening Framing Detail

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

KEYED NOTES

1. SHEET METAL STRAP. SEE BRACING SCHEDULE BELOW AND DETAIL
2. METAL STUD BLOCKING. SEE BRACING SCHEDULE BELOW AND DETAIL
3. METAL STUDS, 20 GA MIN. SEE WALL TYPES FOR PARTITION TYPE.
4. 5/8", TYPE 'X' GYP. BD. TYP., U.N.O. SEE WALL TYPES FOR PARTITION TYPE.



BRACING SCHEDULE

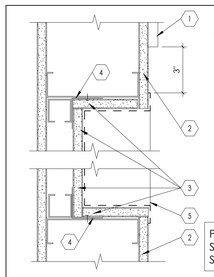
1. WHERE NO GYP. BD. OCCURS EITHER SIDE PROVIDE:
   A. METAL STUD BLOCKING AT ENDS AND 8'-0" O.C. HORIZONTALLY AND 2'-6" O.C. VERTICALLY.
   B. 20 GA. X 2" STRAP CONT. EACH SIDE AT 2'-6" O.C. MAX.
2. WHERE GYP. BD OCCURS ONE SIDE ONLY PROVIDE:
   A. 20 GA X 2" STRAP CONT. OPPOSITE SIDE FROM GYP BD. AT 2'-6" O.C. MAX.

12 Typical Bracing at One Sided Partition

SCALE: 3" = 1'-0"

KEYED NOTES

1. HANDRAIL OR CORNER GUARD AS OCCURS.
2. SEE WALL TYPES FOR PARTITION TYPE.
3. 5/8" GYPSUM BOARD, TYPE 'X', CONTINUOUS ON ALL SIDES BEHIND EQUIPMENT.
4. CLIP ANGLE 2" X 2" X 20 GA MIN. CONT.
5. RECESSED EQUIPMENT AS OCCURS.

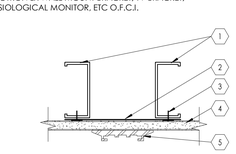


9 Detail at Recessed Equip.

SCALE: 3" = 1'-0"

KEYED NOTES

1. METAL STUDS, 3 5/8" THICK, 16 GA AS SHOWN.
2. 8" WIDE X (HEIGHT OF WALL BRACKET + 6") HIGH X 16 GA BACKING PLATE. ANCHOR TO 16 GA STUDS.
3. #10 SHEET METAL SCREWS THROUGHOUT 9/64" DIAMETER HOLES AT 18" O.C.
4. GYPSUM BOARD, 5/8" THICK, TYPE 'X', TYPICAL U.N.O.DV
5. ERGOTRON LX WALL MOUNT BRACKET, TV BRACKET, PHYSIOLOGICAL MONITOR, ETC O.F.C.I.



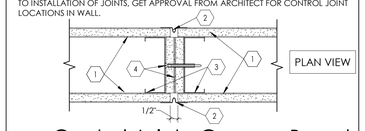
13 Plan Detail at Bracket

SCALE: 3" = 1'-0"

KEYED NOTES

1. GYPSUM BOARD, ATTACHED TO METAL STUD FRAMING. SEE WALL TYPES AND WALL SECTIONS FOR GYPSUM BOARD TYPE.
2. EXPANSION JOINT ("E-Z STRIP, V-SHAPED VINYL EXPANSION JOINT BY NATIONAL GYPSUM COMPANY OR EQUIVALENT) ATTACHED TO GYPSUM BOARD.
3. METAL STUDS. SEE WALL TYPES AND WALL SECTIONS FOR STUD SIZE, THICKNESS, GAUGE, SPACING, ETC.
4. TWO LAYERS OF TYPE 'X' GYPSUM BOARD, 5/8" THICK, ATTACHED TO STUDS WITH DRYWALL SCREWS, 1-5/8" @ 24" O.C. USE NON FIRE RATED GYPSUM BOARD IF WALLS OR CEILING ARE NOT FIRE RATED.

NOTE:
PROVIDE JOINT AT EVERY 50'-0" OF WALL THAT RUNS IN THE SAME DIRECTION. PRIOR TO INSTALLATION OF JOINTS, GET APPROVAL FROM ARCHITECT FOR CONTROL JOINT LOCATIONS IN WALL.



14 Control Joint - Gypsum Board

SCALE: 3" = 1'-0"

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Intermountain Healthcare Park City Hospital Level 1 Registration Remodel

900 Round Valley Dr
Park City, Utah 84060

NJRA Project #	17221.00
Construction Documents	Feb 7, 2019

Details

A502

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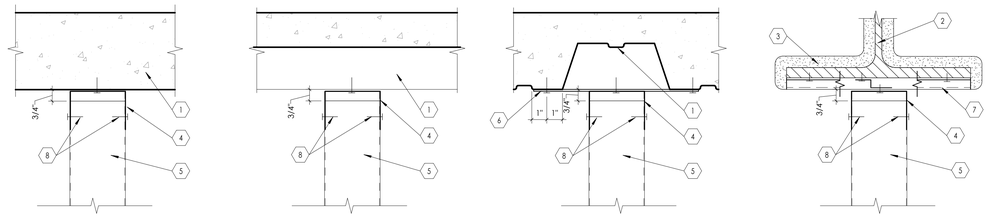


CONCRETE SLAB

METAL DECK (PERPENDICULAR TO FLUTES)

METAL DECK (PARALLEL TO FLUTES)

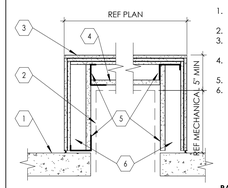
STEEL BEAM

KEYED NOTES

1. FLOOR OR ROOF DECK AS OCCURS.
2. STEEL BEAM AS OCCURS. SEE STRUCTURAL DRAWINGS.
3. SPRAY APPLIED FIRE RESISTIVE MATERIAL (SFRM).
4. SLOTTED TOP TRACK. FOR ADDITIONAL INFORMATION SEE DETAIL 9 / A503
5. METAL STUD WALL. SEE WALL TYPES ON SHEET A501 FOR ADDITIONAL INFORMATION.
6. 2" x 18" GA STRAPS AT 16" O.C.
7. 20 GA Z-BARS TO ACCOMMODATE SFRM THICKNESS.

1 Head Condition at Non Fire Rated, Non Smoke Rated and Non Sound Barrier Partitions

SCALE: 3" = 1'-0"



AT TOP OF SHAFT

KEYED NOTES

1. FLOOR SLAB OR ROOF DECK AS OCCURS.
2. MECHANICAL DUCTWORK.
3. 3 LAYERS OF 5/8" GYP. BD. AT HORIZONTAL PLANE.
4. 1" THICK GYPSUM BOARD SHAFT LINER PANEL.
5. J-RUNNERS
6. 2-HR RATED SHAFT WALL CONSTRUCTION WITH 4" C-H STUDS. SEE WALL TYPES ON SHEET A501.

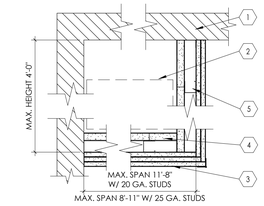
RATING INFORMATION:
FIRE RATING - 2 HOUR TEST:
U.L. Design No. 411
PEI AER-09038
WHI-495-PSH 0154/0167

2 2-HR Enclosure at Top of Shaft

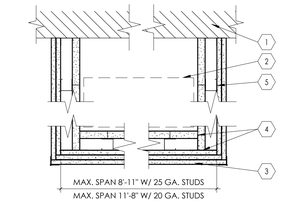
SCALE: 1" = 1'-0"

KEYED NOTES

1. FLOOR SLAB OR ROOF DECK AS OCCURS.
2. MECHANICAL DUCTWORK.
3. 3 LAYERS OF 5/8" GYP. BD. AT HORIZONTAL PLANE.
4. 1" THICK GYPSUM BOARD SHAFT LINER PANEL.
5. J-RUNNERS
6. 2-HR RATED SHAFT WALL CONSTRUCTION WITH 4" C-H STUDS. SEE WALL TYPES ON SHEET A501



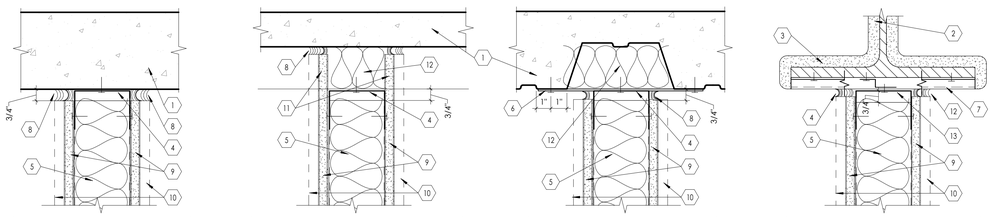
RATING INFORMATION:
HORIZONTAL FIRE
RATING - 2 HOUR TEST:
WHI-495 PSH 0154/0167



RATING INFORMATION:
HORIZONTAL FIRE RATING - 2 HOUR TEST: WHI-495 PSH 0154/0167

5 2-HR Horizontal Assembly

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



DESIGN BASIS: UL-HW-D-0044
CONCRETE SLAB

DESIGN BASIS: UL-HW-D-0043
METAL DECK
(PERPENDICULAR TO FLUTES)

DESIGN BASIS: UL-HW-D-0264
METAL DECK
(PARALLEL TO FLUTES)

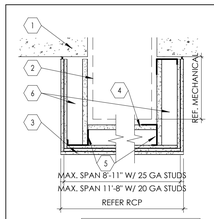
DESIGN BASIS: UL-HW-D-0252
STEEL BEAM

KEYED NOTES

1. FLOOR OR ROOF DECK AS OCCURS.
2. STEEL BEAM AS OCCURS. SEE STRUCTURAL DRAWINGS.
3. SPRAY APPLIED FIRE RESISTIVE MATERIAL (SFRM).
4. SLOTTED TOP TRACK. FOR ADDITIONAL INFORMATION SEE DETAIL 9 / A503
5. METAL STUD WALL. SEE WALL TYPES ON SHEET A501 FOR ADDITIONAL INFORMATION.
6. 2" x 18" GA STRAPS AT 16" O.C.
7. 20 GA Z-BARS TO ACCOMMODATE SFRM THICKNESS.
8. ACOUSTIC SEALANT, CONTINUOUS.
9. GYPSUM BOARD, 5/8" THICK. SEE WALL TYPES ON SHEET A501 FOR ADDITIONAL INFORMATION.
10. ADDITIONAL LAYER OF GYP. BD. WHERE OCCURS.
11. GYP. BD. CUT TO FOLLOW PROFILE OF DECKING AT SMOKE PARTITION BOTH AT SOUND WALLS.
12. FILL FLUTE VOID WITH BATT INSULATION.

3 Head Condition at Smoke Partitions and Sound Barrier Walls

SCALE: 3" = 1'-0"



AT BOTTOM OF SHAFT

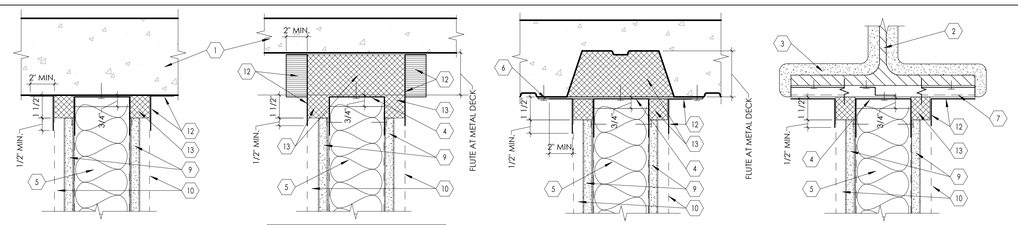
KEYED NOTES

1. FLOOR SLAB AS OCCURS.
2. MECHANICAL DUCTWORK.
3. 3 LAYERS OF 5/8" GYP. BD. AT HORIZONTAL PLANE.
4. 1" THICK GYPSUM BOARD SHAFT LINER PANEL.
5. J-RUNNERS
6. 2-HR RATED SHAFT WALL CONSTRUCTION. SEE WALL TYPES ON SHEET A501.

RATING INFORMATION:
FIRE RATING - 2 HOUR TEST:
PEI AER-09038
WHI-495-PSH 0154/0167

4 2-HR Enclosure at B.O. Shaft

SCALE: 1" = 1'-0"



DESIGN BASIS: UL-HW-D-0044
CONCRETE SLAB

DESIGN BASIS: UL-HW-D-0043
METAL DECK
(PERPENDICULAR TO FLUTES)

DESIGN BASIS: UL-HW-D-0264
METAL DECK
(PARALLEL TO FLUTES)

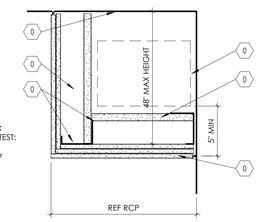
DESIGN BASIS: UL-HW-D-0252
STEEL BEAM

KEYED NOTES

1. FLOOR OR ROOF DECK AS OCCURS.
2. STEEL BEAM AS OCCURS. SEE STRUCTURAL DRAWINGS.
3. SPRAY APPLIED FIRE RESISTIVE MATERIAL (SFRM).
4. SLOTTED TOP TRACK. FOR ADDITIONAL INFORMATION SEE DETAIL 9 / A503
5. METAL STUD WALL. SEE WALL TYPES ON SHEET A501 FOR ADDITIONAL INFORMATION.
6. 2" x 18" GA STRAPS AT 16" O.C.
7. 20 GA Z-BARS TO ACCOMMODATE SFRM THICKNESS.
8. ACOUSTIC SEALANT, CONTINUOUS.
9. GYPSUM BOARD, 5/8" THICK, TYPE 'X'.
10. ADDITIONAL LAYER OF GYP. BD. AT 2-HR RATED WALLS.
11. GYP. BD. CUT TO FOLLOW PROFILE OF DECKING AT SMOKE PARTITION BOTH AT SOUND WALLS.
12. FIRE STOP JOINT SPRAY.
13. 4 LB MINERAL WOOL. FRICTION FIT BETWEEN TOP TRACK AND FLUTE.

6 Head Condition at Fire Rated Partitions

SCALE: 3" = 1'-0"

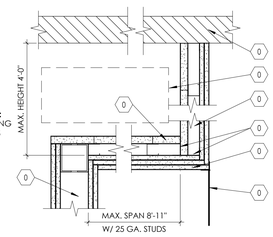


RATING INFORMATION:
FIRE RATING - 2 HOUR TEST:
PEI AER-09038
WHI-495-PSH 0154/0167

AT DUCTWORK

KEYED NOTES

1. FLOOR SLAB OR ROOF DECK AS OCCURS.
2. MECHANICAL DUCTWORK.
3. 3 LAYERS OF 5/8" GYP. BD. AT HORIZONTAL PLANE.
4. 1" THICK GYPSUM BOARD SHAFT LINER PANEL.
5. J-RUNNERS.
6. 2-HR RATED SHAFT WALL CONSTRUCTION WITH 4" C-H STUDS. SEE WALL TYPES ON SHEET A501.
7. WALL BEYOND.

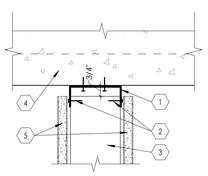


RATING INFORMATION:
HORIZONTAL FIRE RATING - 2 HOUR TEST: WHI-495 PSH 0154/0167

WITH OFFSET

8 2-HR Horizontal Enclosure

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

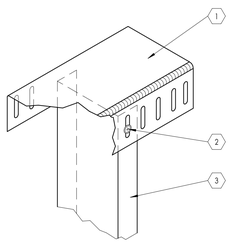


KEYED NOTES

1. SLOTTED DEEP LEG DEFLECTION TRACK, 16GA CONTINUOUS. SECURE TO SUPERSTRUCTURE ABOVE IN A WAY THAT PROVIDES LATERAL STABILITY (PERPENDICULAR-TO AND IN-PLANE WITH WALL) YET ALLOWING FOR A MINIMUM OF 3/4" OF VERTICAL DEFLECTION OF THE SUPERSTRUCTURE.
2. SLIP CONNECTION. SECURE VERTICAL STUDS TO SLOTTED TOP TRACK AT MID-HEIGHT OF VERTICAL SLOTS IN TRACK. COMPONENTS INTENDED TO SLIDE VERTICALLY AS SUPERSTRUCTURE DEFLECTS.
3. VERTICAL STUD. SEE INTERIOR WALL TYPES ON SHEET A501.
4. FLOOR OR ROOF DECK AS OCCURS.
5. GYPSUM BOARD, 5/8" THICK, TYPE 'X'. TYPICAL. DO NOT SCREW GYPSUM WALLBOARD TO TOP TRACK OR SUPERSTRUCTURE. GWB SCREWS INTO THE STUDS MUST BE AT LEAST 1" BELOW THE BOTTOM OF THE TOP TRACK.

GENERAL NOTES

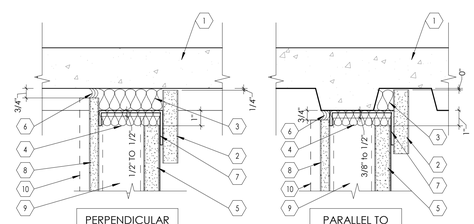
A. CONDITIONS INDICATED SHOW DESIGN INTENT, ESPECIALLY IN REGARD TO ACCOMMODATION OF STRUCTURAL DEFLECTION AND CONTINUITY OF INTEGRITY OF SOUND, SMOKE AND FIRE WALLS.
B. DESIGN INTENT DETAILS MAY NOT SHOW ALL CONDITIONS TO BE ENCOUNTERED ON A PROJECT.
C. RIGIDLY SECURE SLOTTED TOP TRACK TO BUILDING SUPERSTRUCTURE IN AN APPROVED MANNER. EMPLOY Z-BARS, COLD-ROLLED CHANNELS OR SIMILAR SPACER TO ACCOMMODATE THICKNESS OF SPRAY-APPLIED FIRE-RESISTIVE MATERIALS (SFRM).
D. SLOTTED TOP TRACK, INDICATED ON THESE DETAILS, IS THE BASIS FOR DESIGN AND REFERS TO DEEP-LEG TRACKS WITH VERTICALLY SLOTTED HOLES.
E. REFER TO PARTITION STANDARDS FOR SPECIFIC WALL TYPES.
F. AT FIRE -RATED WALLS REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS REGARDING HEAD-OF-WALL CONDITIONS.
G. MAINTAIN ACOUSTIC RATING WHERE SOUND-CONTROL WALLS ARE INDICATED.
H. FIRESTOPPING AND ACOUSTICAL SEALANTS SHALL AUTOBOND. PROVIDE EXPOSED CLEAN SEALANT (TO CONCEAL FIRESTOPPING) AT FOOD SERVICE FACILITIES, KITCHEN, BIOLOGICAL CONTAINMENT AND CLEAN ROOM APPLICATIONS.
I. WHERE A WALL IS DESIGNATED AS BOTH A SOUND-CONTROL WALL AND A FIRE-RATED WALL, REFER TO FIRE-RATED HEAD-OF-WALL CONDITIONS.
J. WHERE A WALL IS DESIGNATED AS A SOUND-CONTROL WALL, FILL ALL VOIDS WITH SOUND ATTENUATION BATTS (SAB).
K. AT SMOKE PARTITIONS AND SOUND-CONTROL WALLS EXTEND GWB ON BOTH SIDES INTO THE FLUTES. CUT TO FOLLOW UNDULATING SURFACES OF THE SUPERSTRUCTURE INCLUDING, BUT NOT LIMITED TO, FLUTES IN METAL DECKING. PROVIDE A CONTINUOUS BEAD OF SEALANT (AS SPECIFIED) TO SUPERSTRUCTURE.



ISOMETRIC VIEW OF SLOTTED TOP TRACK

9 Slip Connection Detail

SCALE: 3" = 1'-0"



PERPENDICULAR TO DECK

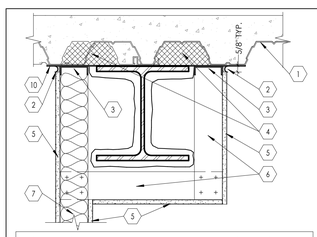
PARALLEL TO DECK

KEYED NOTES

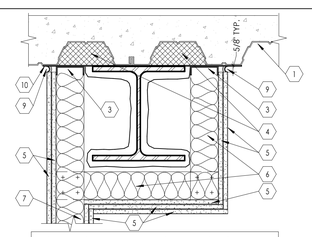
1. FLOOR OR ROOF DECK AS OCCURS.
2. 1" GYP. BD. SHAFT LINER PANEL 6" HIGH MIN. CUT TO FLUTED DECK CONTOUR.
3. 3" MINERAL WOOL 4 LB MIN. FRICTION FITTED BETWEEN J TRACK AND FLUTE.
4. 1" MINERAL WOOL 4 LB MIN. FRICTION FITTED INSIDE J TRACK CAVITY.
5. 1" GYP. BD. SHAFT LINER PANEL STOP AT 1" BELOW THE BOTTOM OF DECK.
6. 5/8" x CONT. ACOUSTICAL SEALANT.
7. J TRACK SEE WALL TYPES.
8. GYPSUM BOARD, 5/8" THICK, TYPE 'X'. PANELS CUT TO FLUTED DECK CONTOUR. SEE WALL TYPES.
9. CH STUDS @ 24" O.C. MAX. SEE WALL TYPES FOR SIZE.
10. ADDITIONAL LAYER OF GYP. BD. AT 2HR RATED SHAFT WALL SHOWN DASHED, SEE WALL TYPES ON SHEET A501.

7 Head Detail at Shaft Wall

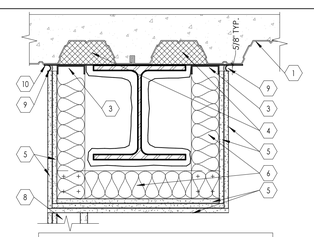
SCALE: 3" = 1'-0"



NOTE: THIS DETAIL APPLIES AT ALL FULL HEIGHT NON-RATED, SMOKE TIGHT, OR 1 HOUR RATED PARTITIONS WHERE GWB IS OBSTRUCTED. U.N.O.



NOTE: THIS DETAIL APPLIES AT ALL 2 HOUR RATED PARTITIONS WHERE ONE SIDE OF WALL IS OBSTRUCTED. U.N.O.



NOTE: THIS DETAIL APPLIES AT ALL SHAFTWALL CONDITIONS WHERE WALL CANNOT EXTEND FULLY TO DECK. U.N.O.

KEYED NOTES

1. FLOOR OR ROOF DECK AS OCCURS.
2. CONTINUOUS ACOUSTIC/SMOKE SEALANT/FIRE STOP AS REQUIRED EACH SIDE.
3. SLOTTED TOP TRACK. FOR ADDITIONAL INFORMATION SEE DETAIL 9 / A503
4. FILL FLUTE AT METAL DECK WITH CONTINUOUS 4LB MINERAL WOOL. FRICTION FIT BETWEEN TOP TRACK AND FLUTE.
5. GYPSUM BOARD, 5/8" THICK, TYPE 'X', TYPICAL.
6. METAL STUDS AT 16" O.C. MATCH PARTITION TYPE, PACK FULL WITH INSULATION AS REQUIRED.
7. PARTITION WALL AS SCHEDULE.
8. SHAFT WALL AS SCHEDULE.
9. FIRE STOP AS REQUIRED.
10. 2" x 18" GA STRAPS AT 16" O.C.

10 Alternate Framing Details at Rated Walls

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

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STATE OF UTAH
SELVAM RAJAVELU
287857-0301
LICENSED ARCHITECT

Intermountain Healthcare Park City Hospital Level 1 Registration Remodel

900 Round Valley Dr
Park City, Utah 84060

NJRA Project # 17221.00
Construction Documents Feb 7, 2019

Details

A503

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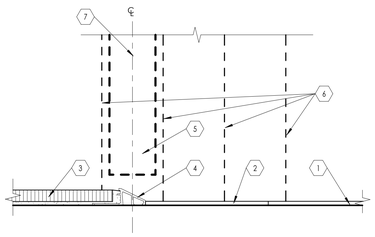
KEYED NOTES

1. LINE OF FLOOR.
2. RESILIENT FLOORING OR CARPET. SEE FINISH SCHEDULE.
3. THIN SET TILE FLOOR. SEE FINISH SCHEDULE.
4. METAL EDGE STRIP. SCHLUTER RENO SERIES OR EQUAL.
5. DOOR AS OCCURS. SEE DOOR SCHEDULE.
6. DOOR FRAME AS OCCURS. SEE DOOR SCHEDULE.
7. CENTERLINE OF DOOR AND METAL EDGE STRIP.

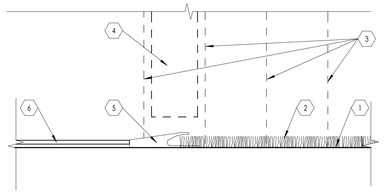


1 Floor Transition - Tile to Carpet & Resilient (LVT, Sheet Vinyl)

SCALE: 6" = 1'-0"

KEYED NOTES

1. LINE OF CONCRETE FLOOR.
2. CARPET FLOORING. SEE FINISH SCHEDULE.
3. DOOR FRAME AS OCCURS. SEE DOOR SCHEDULE.
4. DOOR AS OCCURS. SEE DOOR SCHEDULE.
5. EXTRUDED OR MOLDED HEAVY DUTY VINYL OR RUBBER EDGE STRIP. ANCHORAGE FLANGE TO BE LESS THAN 2" WIDE. COLOR TO BE SELECTED BY ARCHITECT.
6. RESILIENT FLOORING. SEE FINISH SCHEDULE.

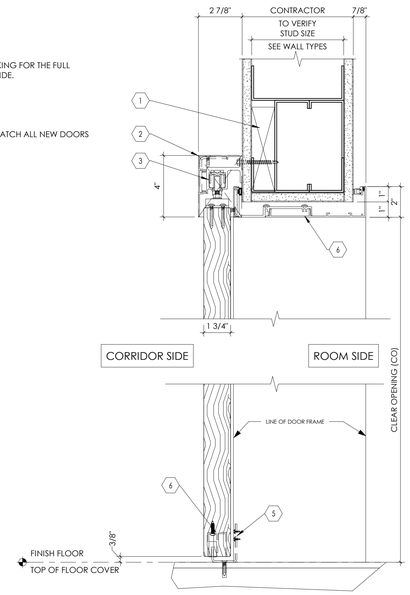


2 Floor Transition - Carpet/Resilient

SCALE: 6" = 1'-0"

KEYED NOTES

1. 2 X 6 X CONT. FIRE TREATED WOOD BLOCKING FOR THE FULL LENGTH OF VALANCE PLUS 6" ON EITHER SIDE.
2. VALANCE WITH END CAPS PER MFR.
3. CLOSER &CARRIAGE TRACK PER MFR.
4. ALUMINUM DOOR FRAME PER MFR.
5. BOTTOM TRACK PER MFR.
6. SILL GUIDE PER MFR.
7. DOOR. SEE DOOR SCHEDULE. FINISH TO MATCH ALL NEW DOORS IN THE PROJECT.

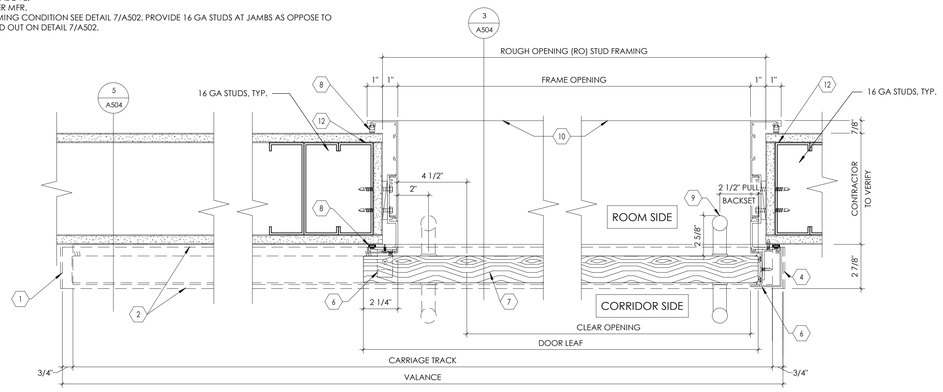


3 Barn Door Detail Section Head and Sill

SCALE: 3" = 1'-0"

KEYED NOTES

1. VALANCE WITH END CAPS PER MFR.
2. LINE OF VALANCE ABOVE.
3. CLOSER &CARRIAGE TRACK PER MFR.
4. ALUMINUM DOOR FRAME PER MFR.
5. BOTTOM TRACK PER MFR.
6. SILL GUIDE PER MFR.
7. DOOR. SEE DOOR SCHEDULE. FINISH TO MATCH ALL NEW DOORS IN THE PROJECT.
8. EPDM GASKET BOTH SIDES PER MFR.
9. BACK TO BACK 1"ø LADDER PULLS.
10. LINE OF FRAME ABOVE.
11. STILE POCKET PER MFR.
12. FOR JAMB FRAMING CONDITION SEE DETAIL 7/A502. PROVIDE 16 GA STUDS AT JAMBS AS OPPOSE TO 18GA AS CALLED OUT ON DETAIL 7/A502.

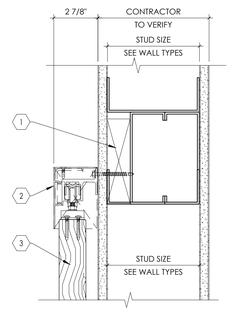


4 Barn Door Plan View Detail

SCALE: 3" = 1'-0"

KEYED NOTES

1. 2 X 6 X CONT. FIRE TREATED WOOD BLOCKING FOR THE FULL LENGTH OF VALANCE PLUS 6" ON EITHER SIDE.
2. VALANCE WITH END CAPS PER MFR.
3. DOOR. SEE DOOR SCHEDULE. FINISH TO MATCH ALL NEW DOORS IN THE PROJECT.

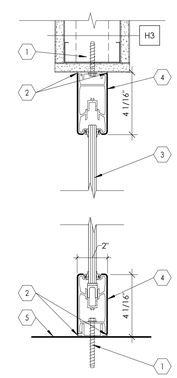


5 Barn Door Frame at Wall

SCALE: 3" = 1'-0"

KEYED NOTES

1. SEE DETAIL 7/A502 FOR FRAMING AT HEADER. PROVIDE #10 FASTENER @ 12" O.C. MIN.
2. PROVIDE CAULKING AS REQUIRED - BOTH SIDES.
3. 1/2" THICK, TEMPERED GLAZING AS SCHEULDED WITH POLISHED EDGES.
4. 4" SQUARE CONTINUOUS SIDELITE RAIL. CUSTOM FINISH TO MATCH EXISTING EXTERIOR MULLIONS.
5. LINE OF FINISH FLOOR.

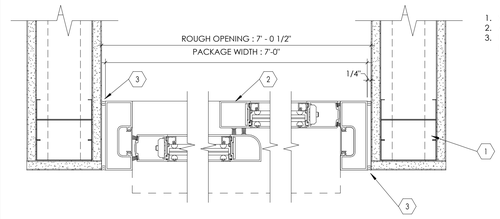


10 Sidelite Rail Detail @ Registration Bays

SCALE: 3" = 1'-0"

KEYED NOTES

1. SEE DETAIL 7/A502 FOR FRAMING AT DOOR JAMB.
2. AUTO SLIDING DOOR AS SCHEDULED.
3. PROVIDE CLEAR SILICON CAULKING ALL AROUND DOOR - BOTH SIDES.

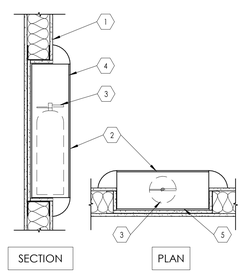


6 Sliding Door Jamb Detail

SCALE: 3" = 1'-0"

KEYED NOTES

1. GYPSUM BOARD, 5/8" THICK, TYPE 'X'. ATTACHED TO METAL STUD.
2. FIRE EXTINGUISHER CABINET. SEMI RECESSED. VERIFY WITH MANUFACTURER FOR ROUGH OPENING SIZE REQUIREMENTS.
3. HAND HELD FIRE EXTINGUISHER.
4. CABINET DOOR.
5. COVER ALL SIDES OF CABINET WITH 5/8" THICK, TYPE 'X' GYPSUM BOARD.

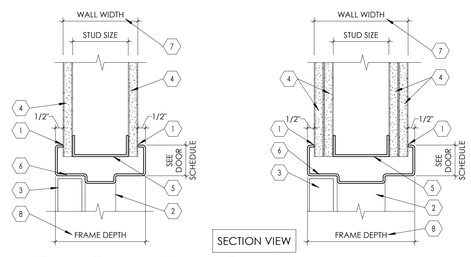


8 Fire Extinguisher Cabinet Detail

SCALE: 1" = 1'-0"

KEYED NOTES

1. CONTINUOUS SEALANT ON BOTH SIDES OF THE FRAME.
2. DOOR FRAME SEEN BEYOND.
3. DOOR. SEE DOOR SCHEDULE FOR DOOR TYPE.
4. GYPSUM BOARD, 5/8" THICK, TYPE 'X'. ATTACH TO METAL STUDS. SEE WALL TYPES.
5. STEEL RUNNER (18 GAUGE) FASTENED WITH SCREWS TO STRUT STUDS AT EACH END.
6. HOLLOW METAL DOOR FRAME. FRAME THICKNESS VARIES WITH WALL THICKNESS. SEE FLOOR PLAN AND WALL SECTIONS. PAINT FRAME.
7. SEE WALL TYPES FOR WALL WIDTH AND STUD SIZE.
8. FRAME DEPTH SHALL BE WALL WIDTH PLUS 1".

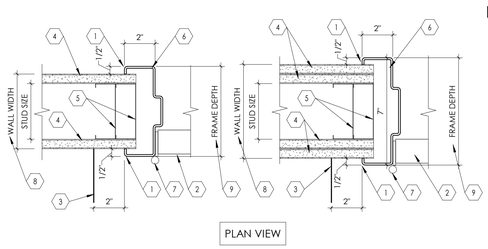


7 Door Frame Head Detail

SCALE: 3" = 1'-0"

KEYED NOTES

1. CONTINUOUS SEALANT ON BOTH SIDES OF THE FRAME.
2. DOOR. SEE DOOR SCHEDULE FOR DOOR TYPE.
3. LINE OF WALL AS OCCURS.
4. GYPSUM BOARD, 5/8" THICK, TYPE 'X'. ATTACHED TO METAL STUD FRAMING. SEE WALL TYPES.
5. PROVIDE DOUBLE METAL STUDS AT FRAME JAMBS, WALL ENDS, ETC. PROVIDE STEEL STRAPS (6" HIGH 16 GAUGE STRAPS AT 2'-0" O.C.)
6. HOLLOW METAL DOOR FRAME. FRAME THICKNESS VARIES WITH WALL THICKNESS. SEE FLOOR PLAN AND WALL SECTIONS. PAINT FRAME.
7. DOOR HINGE AS OCCURS. SEE DOOR AND HARDWARE SCHEDULE. SEE FLOOR PLAN FOR DOOR SWING.
8. SEE WALL TYPES FOR WALL WIDTH AND STUD SIZE.
9. FRAME DEPTH SHALL BE WALL WIDTH PLUS 1".

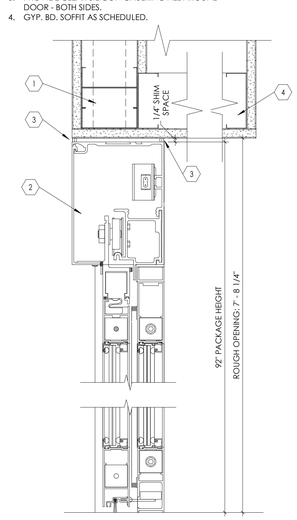


9 Door Frame Jamb Detail

SCALE: 3" = 1'-0"

KEYED NOTES

1. SEE DETAIL 6/A502 FOR FRAMING AT DOOR HEADER.
2. AUTO SLIDING DOOR AS SCHEDULED.
3. PROVIDE CLEAR SILICON CAULKING ALL AROUND DOOR - BOTH SIDES.
4. GYP. BD. SOFFIT AS SCHEDULED.



11 Sliding Door Head Detail

SCALE: 3" = 1'-0"

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SELVAM RAJAVELU
287857-0301
LICENSED ARCHITECT

Intermountain Healthcare Park City Hospital Level 1 Registration Remodel

900 Round Valley Dr
Park City, Utah 84060

NJRA Project # 17221.00
Construction Documents Feb 7, 2019

Details

A504

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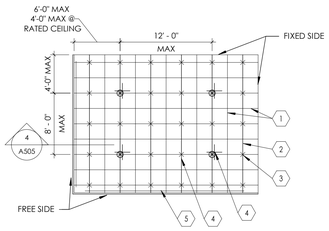


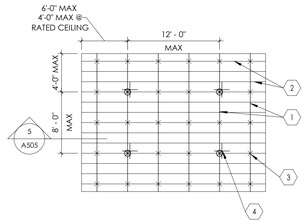
KEYED NOTES

1. EXPOSED CROSS GRID MEMBER @ 2'-0" O.C.
2. EXPOSED MAIN GRID MEMBER @ 4'-0"
3. HANGER WIRE 12 GA. @ 4'-0" O.C. MAX EACH WAY
4. SEISMIC RESTRAINT. SEE DETAIL **7 / A505**
5. SLOTTED ANGLE SPACER

NOTE:
EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS.

1 Typical Acoustical Ceiling Suspension

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

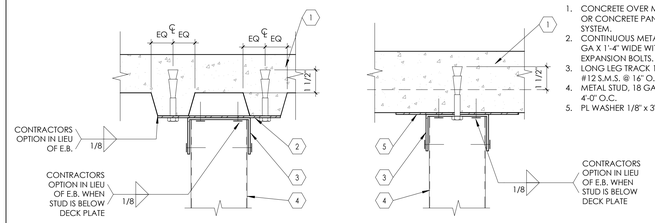


KEYED NOTES

1. MAIN RUNNER 1 1/2" @ 4'-0" O.C.
2. FURRING CHANNEL @ 1'-4" O.C.
3. HANGER WIRE 8 GA. @ 4'-0" O.C. MAX EACH WAY
4. SEISMIC RESTRAINT. SEE DETAIL **8 / A505**

2 Typical Gypsum Bd Ceiling Suspension

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

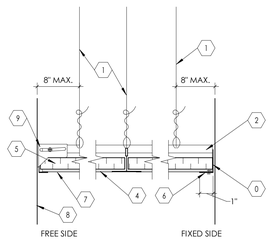


KEYED NOTES

1. CONCRETE OVER METAL DECK OR CONCRETE PAN & JOIST SYSTEM.
2. CONTINUOUS METAL PLATE 10 GA X 1'-4" WIDE WITH (2) 1/4" EXPANSION BOLTS.
3. LONG LEG IRACK 16 GA WITH (2) #12 S.M.S. @ 16" O.C.
4. METAL STUD, 18 GA MIN, 3-5/8" @ 4'-0" O.C.
5. PL WASHER 1/8" x 3" x 3"

3 Typical Suspended Stud Attachement To Concrete Deck

SCALE: 3" = 1'-0"



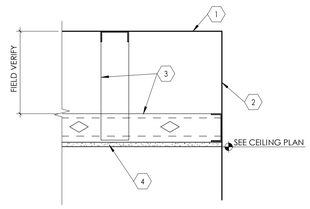
KEYED NOTES

1. CLASS 1 ZINC COATED, SOFT TEMPERED WIRES, 12 GAUGE MIN.
2. PROVIDE 3/4" GAP BETWEEN CEILING GRID AND ANGLE ON TWO ADJACENT SIDES OF THE ROOM. DO NOT ATTACH CEILING GRID TO WALL ANGLE.
3. ATTACH CEILING GRID TO WALL ANGLE ON TWO ADJACENT SIDES OF THE ROOM (FIXED SIDES).
4. EXPOSED CROSS RUNNER ATTACHED TO MAIN RUNNERS.
5. ACOUSTICAL CEILING TILES. SEE CEILING PLANS.
6. 7/8" SUPPORTING CLOSURE ANGLE AT CEILING PERIMETER ATTACHED TO WALL.
7. EXPOSED MAIN RUNNER SHALL BE HEAVY DUTY T-BAR GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE. THIS END OF THE GRID SHALL REST UPON AND BE FREE TO SLIDE ON THE CLOSURE ANGLE.
8. LINE OF WALL.
9. SEISMIC CLIPS. BASIS OF DESIGN ARMSTRONG BERC 2 CLIPS.

NOTE:
EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS.

4 Ceiling Grid Detail

SCALE: 3" = 1'-0"

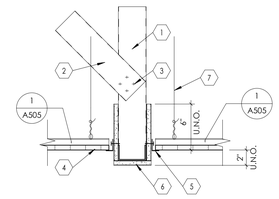


KEYED NOTES

1. LINE OF STRUCTURE ABOVE.
2. LINE OF WALL.
3. METAL STUD FRAMING (3-5/8" THICK, 18 GAUGE, METAL STUDS AT 16" O.C.) SUSPENDED FROM STRUCTURE ABOVE (OR WALL WHERE OCCURS). CROSS BRACE FRAMING AS REQUIRED FOR STRUCTURAL RIGIDITY.
4. ATTACH 5/8" THICK, TYPE 'X', GYPSUM BOARD TO METAL STUD FRAMING.

5 Ceiling Detail

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

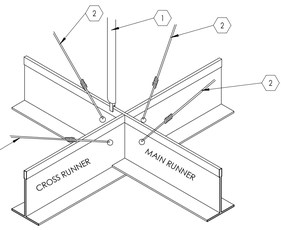


KEYED NOTES

1. METAL STUD FRAMING 3 5/8" X 18 GA STUDS, SUSPENDED FROM STRUCTURE ABOVE @ 16" O.C. SEE DETAIL **3 / A505**
2. 3-5/8" X 18 GA MTL. STUD LATERAL (45 DEGREE) BRACING AT 4'-0" O.C. CONNECT TO STRUCTURE ABOVE.
3. SHEET METAL SCREWS (4) #10.
4. ACOUSTICAL CEILING PANEL. SEE REFLECTED CEILING PLANS.
5. PERIMETER ANGLE MOLDING. SEE DETAIL **4 / A505**
6. 5/8" TYPE 'X' GYPSUM BOARD, TYP.
7. 12 GA. HANGER WIRES, TYP.

6 Gypsum Board Header

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



KEYED NOTES

1. RIGID HORIZONTAL RESTRAINT FROM CEILING GRID TO STRUCTURE ABOVE.
2. CLASS 1 ZINC COATED, SOFT TEMPERED WIRES, 12 GAUGE MIN.

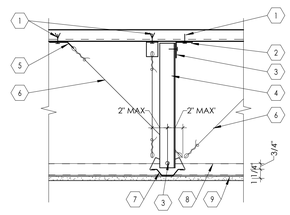
NOTE:

A. CEILING GRIDS IN ROOMS OR AREAS GREATER THAN 1,000 SQ. FT. SHALL HAVE A RIGID HORIZONTAL RESTRAINT FROM CEILING TO STRUCTURE ABOVE AT EVERY 144 SQ. FT.
B. ALL SPLAYED WIRES SHALL BE AT 45 DEGREES ANGLES, 12 GAUGE AND GALVANIZED.
C. WHEN CEILING AREA EXCEEDS 2,500 SQ. FT. PROVIDE SEISMIC SEPARATION JOINT APPROVED BY CEILING GRID MANUFACTURER AND ARCHITECT.

NOTE: EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS.

7 Ceiling Detail

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

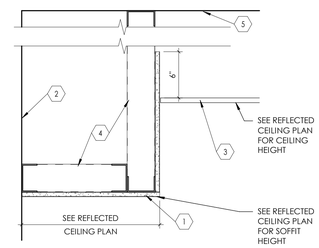


KEYED NOTES

1. #12 SHEET METAL SCREWS
2. METAL CLIP 12 GA MIN X 3/4" W.
3. MACHINE BOLT 1/2" DIA. MIN.
4. ANGLE STRUT OR CHANNEL
5. METAL CLIP 1" W X 2" X 12 GA. MIN.
6. DIAGONAL HANGER WIRES 12 GA MIN. - 4 SIDES.
7. FURRING CHANNEL, 7/8" THICK, @ 1'-4" O.C. MAXIMUM.
8. METAL RUNNER CHANNELS, 1 1/2" THICK AT 48" O.C.
9. GYPSUM BOARD 5/8" THICK ATTACHED TO METAL FURRING CHANNEL.

8 Gypsum Board Ceiling Seismic Restraint Detail

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

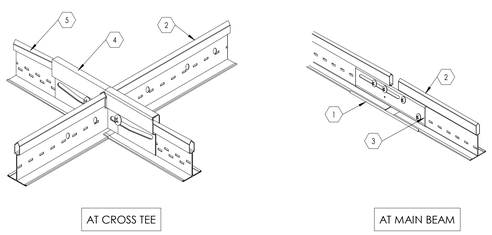


KEYED NOTES

1. GYPSUM BOARD, 5/8" THICK (USE TYPE 'X' IF WALLS ARE FIRE RATED) ATTACHED TO METAL STUD FRAMING.
2. LINE OF WALL.
3. LINE OF CEILING AS OCCURS. SEE REFLECTED CEILING PLAN FOR CEILING TYPE.
4. METAL STUD FRAMING 3 5/8" THICK, 20 GAUGE STUDS, SUSPENDED FROM STRUCTURE ABOVE. STUDS SHALL BE AT 16" O.C.
5. LINE OF STRUCTURE ABOVE.

9 Gypsum Board Soffit

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

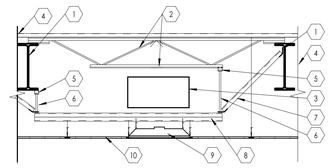


KEYED NOTES

1. 4"x1.5/16" EXPANSION SLEEVE. BASIS OF DESIGN: ARMSTRONG ES4. COLOR-WHITE.
2. MAIN BEAM. BASIS OF DESIGN: ARMSTRONG PRELUDE 15/16"XL EXPOSED TEE SYSTEM.
3. SEISMIC SEPARATION JOINT CLIP. BASIS OF DESIGN: ARMSTRONG SJMR-4"x1".
4. SEISMIC SEPARATION JOINT CLIP. BASIS OF DESIGN: ARMSTRONG SJCG-5"x1-1/2".
5. CROSS TEES. BASIS OF DESIGN: ARMSTRONG PRELUDE 15/16"XL EXPOSED TEE SYSTEM.

10 Siesmic Separation Joint Clip Detail

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



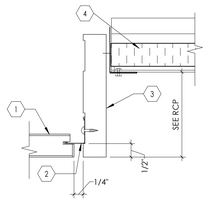
KEYED NOTES

1. STEEL BEAM AS OCCURS.
2. STEEL JOIST AS OCCURS.
3. MECHANICAL DUCTS, SEE MECHANICAL DRAWINGS
4. LINE OF WALL
5. UNISTRUT P1000, 6" LONG SUSPENDED FROM STRUCTURE ABOVE
6. THREADED ROD, 5/8" THICK. PROVIDE NUTS, WASHERS, CLAMPS, ETC. AS REQUIRED FOR COMAPLETE INSTALLATION.
7. UNISTRUT, P1000, CROSS BRACE TO STRUCTURE. PROVIDE NUTS WASHERS CLAMPS ETC. AS REQUIRED FOR COMPLETE INSTALLATION.
8. UNISTRUT, P1001 @ 2'-0" O.C. SUSPENDED FROM STRUCTURE ABOVE
9. LIGHT FIXTURE SUSPENDED FROM UNISTRUT ONLY. DO NOT HANG FIXTURES FROM DUCTS.
10. CEILING SEE RCP FOR HEIGHT. SUSPEND CEILING GRID FROM UNISTRUT ONLY. CONTRACTOR SHALL NOT SUSPEND LIGHTS, GRIDS, ETC. FROM DUCTS.

NOTE:
CONTRACTOR SHALL PROVIDE UNISTRUTS AS INDICATED IN THIS DETAIL WHEREVER DUCT INTERFERES WITH CEILING SUSPENSION SYSTEM.

11 Suspended Ceiling Trapeze Detial

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



KEYED NOTES

1. 2' X 2' ARMSTRONG WOODWORKS CEILING TILES AS SCHEDULED. SEE CEILING PLANS.
2. ANGLE MOLDING. COLOR: BLACK
3. 4" OR 6" WOODWORKS PERIMETER TRIM AS REQUIRED - SEE CEILING PLANS. FINISH/COLOR TO MATCH 2' X 2' ARMSTRONG WOODWORKS CEILING TILES.
4. SCHEDULED CEILING. SEE RCP.

12 Ceiling Trim Detail

SCALE: 6" = 1'-0"

NJRA ARCHITECTS

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STATE OF UTAH
SELVAM RAJAVELU
267857-0301
LICENSED ARCHITECT

Intermountain Healthcare
Park City Hospital
Level 1 Registration Remodel

900 Round Valley Dr
Park City, Utah 84060

NJRA Project #	17221.00
Construction Documents	Feb 7, 2019

Ceiling Details

A505

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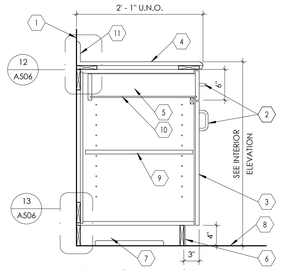
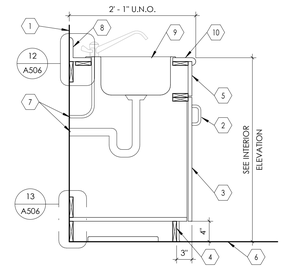


KEYED NOTES

1. LINE OF WALL, AS OCCURS.
2. DOOR OR DRAWER PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
3. PLASTIC LAMINATE CABINET DOOR.
4. SCHEDULED COUNTERTOP WITH FUL BULLNOSE EDGE. SEE DETAIL **11 / A506 .**
5. DRAWER. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
6. WALL BASE. SEE FINISH SCHEDULE.
7. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
8. LINE OF FLOOR.
9. ADJUSTABLE SHELF. NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
10. DRAWER BOTTOM PANEL. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
11. BACKSPLASH WITH 3/4" RADIUS EDGE.

1 Base Cabinet with Drawer and Door

SCALE: 1" = 1'-0"



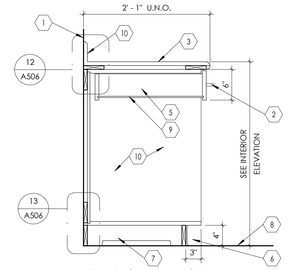
KEYED NOTES

1. LINE OF WALL, AS OCCURS.
2. DOOR PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
3. PLASTIC LAMINATE CABINET DOOR.
4. WALL BASE. SEE FINISH SCHEDULE.
5. P-LAM FIXED VALACE.
6. LINE OF FLOOR.
7. SEAL TIGHTLY AROUND PIPE PENETRATIONS WITH CAULKING. PROVIDE ESCUTCHEON PLATE AROUND DRAIN AND WATER LINES.
8. BACKSPLASH WITH 3/4" RADIUS EDGE.
9. SOLID SURFACE INTEGRAL SINK. SEE FINISH SCHEDULE. ALSO SEE PLUMBING DRAWINGS.
10. SOLID SURFACE COUNTERTOP WITH INTEGRAL BACKSPLASH. SEE DETAIL **11 / A506**

NOTE: ALL SINK CABINETS TO BE LOCKABLE.

2 Base Cabinet with Sink

SCALE: 1" = 1'-0"

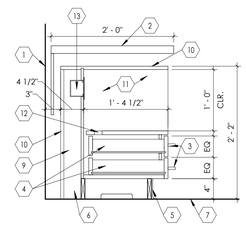


KEYED NOTES

1. LINE OF WALL, AS OCCURS.
2. DRAWER PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
3. SCHEDULED COUNTERTOP WITH FULL BULLNOSE EDGE. SEE DETAIL **11 / A506 .**
4. DRAWER. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
5. WALL BASE. SEE FINISH SCHEDULE.
6. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
7. LINE OF FLOOR.
8. DRAWER BOTTOM PANEL. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
9. BACKSPLASH WITH 3/4" RADIUS EDGE.
10. ALL EXPOSED TO VIEW SURFACES TO HAVE P-LAM.

3 Base Cabinet with Drawer and Opening Below

SCALE: 1" = 1'-0"

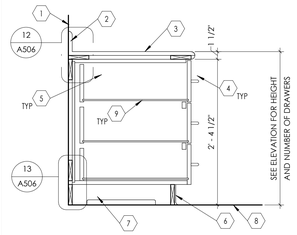


KEYED NOTES

1. LINE OF WALL, AS OCCURS. IF CABINET IS LOCATED AT AN ISLAND, PROVIDE PLASTIC LAMINATE COVERED BACK PANEL, WHERE EXPOSED. NO BACKSPLASH IS NECESSARY.
2. SIT-STAND DESK WITH PRIVACY PANEL BY OWNER'S VENDOR.
3. DRAWER PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
4. DRAWER. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION. DRAWERS TO BE LOCKABLE UNLESS NOTED OTHERWISE.
5. WALL BASE. SEE FINISH SCHEDULE.
6. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE. ANCHOR CABINET TO FLOOR.
7. LINE OF FLOOR.
8. PROVIDE GROMMETS AT LOCATION COORDINATED WITH ELECTRICAL AND INSTALLATION OF EQUIPMENT.
9. P-LAM CHASE FOR ELECTRICAL AND DATA. CHASE CAN BE BUILT WITH PLYWOOD OR 2 X 4. EXTERIOR SHOULD BE P-LAM. ALL ELECTRICAL AND DATA TO BE ROUTED THROUGH THE CHASE.
10. FINISHED P-LAM PANEL, TYP.
11. ALL EXPOSED TO VIEW SURFACES TO HAVE P-LAM
12. COORDINATE LOCATION OF GROMMET WITH OWNER/ARCHITECT.
13. POWER AND DATA OUTLETS FOR PRINTER AND I-PAD IN P-LAM CHASE. REFERENCE ELECTRICAL DRAWINGS.

4 Base Cabinet with Printer Opening and Drawers

SCALE: 1" = 1'-0"



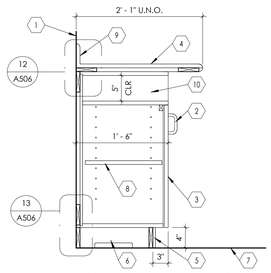
KEYED NOTES

1. LINE OF WALL, AS OCCURS. IF CABINET IS LOCATED AT AN ISLAND, PROVIDE PLASTIC LAMINATE COVERED BACK PANEL, WHERE EXPOSED. NO BACKSPLASH IS NECESSARY.
2. INTEGRAL BACKSPLASH WITH 3/4" RADIUS EDGE.
3. SCHEDULED COUNTERTOP WITH BULLNOSE EDGE. SEE DETAIL **11 / A506**
4. DRAWER PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
5. DRAWER. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
6. WALL BASE. SEE FINISH SCHEDULE.
7. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
8. LINE OF FLOOR.
9. DRAWER BOTTOM PANEL. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.

NOTE: ALL DRAWERS TO BE LOCKABLE.

5 Base Cabinet with Drawers

SCALE: 1" = 1'-0"

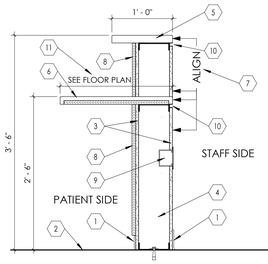


KEYED NOTES

1. LINE OF WALL, AS OCCURS. IF CABINET IS LOCATED AT AN ISLAND, PROVIDE PLASTIC LAMINATE COVERED BACK PANEL, WHERE EXPOSED. NO BACKSPLASH IS NECESSARY.
2. DOOR PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
3. PLASTIC LAMINATE CABINET DOOR.
4. SCHEDULED COUNTERTOP WITH BULLNOSE EDGE. SEE DETAIL **11 / A506.**
5. SCHEDULED BASE. SEE FINISH PLAN.
6. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
7. LINE OF FLOOR.
8. ADJUSTABLE SHELF. SEE ELEVATIONS FOR NUMBER OF ADJUSTABLE SHELVES REQUIRED. NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
9. BACKSPLASH WITH 3/4" RADIUS EDGE.
10. ALL EXPOSED TO VIEW SURFACES TO HAVE P-LAM.

6 Base Cabinet with Book Cubby and Door

SCALE: 1" = 1'-0"

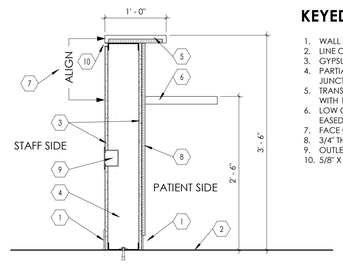


KEYED NOTES

1. WALL BASE. SEE FINISH SCHEDULE.
2. LINE OF FLOOR.
3. GYPSUM BOARD, 5/8" THICK, TYPE 'X' - PAINTED. SEE FINISH SCHEDULE.
4. PARTIAL HEIGHT WALL. SEE WALL TYPE 'P6' ON SHEET A501. RUN CONDUITS AND LOCATE JUNCTION BOX FOR POWER, DATA, ETC. INSIDE WALL.
5. TRANSACTION COUNTER OVER 3/4" FIRE TREATED PLYWOOD, QUARTZ COUNTERTOP, 2CM WITH 1/8" EASED EDGES. SEE FINISH SCHEDULE.
6. LOW COUNTER OVER 3/4" FIRE TREATED PLYWOOD, QUARTZ COUNTERTOP, 2CM WITH 1/8" EASED TOP EDGES. SEE FINISH SCHEDULE.
7. FACE OF COUNTERTOP TO ALIGN WITH FACE OF GYPSUM BOARD BELOW.
8. 3/4" THICK WOOD VENEER PANEL. SEE INTERIOR ELEVATIONS AND FINISH SCHEDULE.
9. OUTLET BOX AS OCCURS. SEE ELECTRICAL DRAWINGS FOR PHONE, DATA, POWER, ETC.
10. 5/8" X 5/8" X CONT. ALUMINUM 'C' CHANNEL.
11. THIS DIMENSION IS 1'-10" AT REG. BAY # 1 AND 1'-0" AT REG. BAYS 2 THROUGH 5.

7 Registration Bay Wall @ Low Counter

SCALE: 1" = 1'-0"

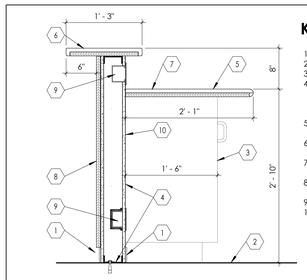


KEYED NOTES

1. WALL BASE. SEE FINISH SCHEDULE.
2. LINE OF FLOOR.
3. GYPSUM BOARD, 5/8" THICK, TYPE 'X' - PAINTED. SEE FINISH SCHEDULE.
4. PARTIAL HEIGHT WALL. SEE WALL TYPE 'P6' ON SHEET A501. RUN CONDUITS AND LOCATE JUNCTION BOX FOR POWER, DATA, ETC. INSIDE WALL.
5. TRANSACTION COUNTER OVER 3/4" FIRE TREATED PLYWOOD, QUARTZ COUNTERTOP, 2CM WITH 1/8" EASED TOP EDGES. SEE FINISH SCHEDULE. SEE FLOOR PLAN FOR DEPTH OF COUNTERTOP.
6. LOW COUNTER OVER 3/4" FIRE TREATED PLYWOOD, QUARTZ COUNTERTOP, 2CM WITH 1/8" EASED TOP EDGES. SEE FINISH SCHEDULE.
7. FACE OF COUNTERTOP TO ALIGN WITH FACE OF GYPSUM BOARD BELOW.
8. 3/4" THICK WOOD VENEER PANEL. SEE INTERIOR ELEVATIONS AND FINISH SCHEDULE.
9. OUTLET BOX AS OCCURS. SEE ELECTRICAL DRAWINGS FOR PHONE, DATA, POWER, ETC.
10. 5/8" X 5/8" X CONT. ALUMINUM 'C' CHANNEL.

8 Registration Bay Wall @ Transaction Counter

SCALE: 1" = 1'-0"

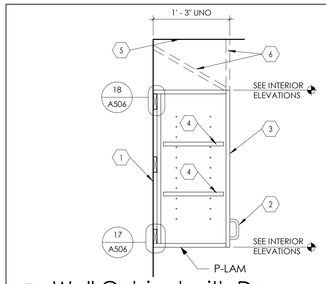


KEYED NOTES

1. WALL BASE. SEE FINISH SCHEDULE.
2. LINE OF FLOOR.
3. CABINET BEYOND.
4. SUPPORT WALL. METAL STUD FRAMING (3-5/8" THICK, 16 GAUGE, METAL STUDS AT 16" O.C.) ANCHORED TO FLOOR SLAB SIMILAR TO WALL. PROVIDE 5/8" THICK PLYWOOD AND GYPSUM BOARD AS INDICATED OVER METAL STUD FRAMING. RUN CONDUITS AND LOCATE JUNCTION BOX FOR POWER, DATA, ETC. INSIDE WALL.
5. SOLID SURFACE COUNTERTOP OVER 3/4" FIRE TREATED PLYWOOD WITH FULL BULLNOSE EDGE. SEE DETAIL **11 / A506 .**
6. TRANSACTION COUNTER OVER 3/4" FIRE TREATED PLYWOOD, QUARTZ COUNTERTOP, 2CM WITH 1/8" EASED EDGES. SEE FINISH SCHEDULE.
7. PROVIDE GROMMETS AT COMPUTER MONITOR LOCATIONS, KNEE SPACES, COUNTERTOP EQUIPMENT, ETC.
8. PLYWOOD, 5/8" THICK, WITH WOOD VENEER FINISH. SEE INTERIOR ELEVATIONS AND FINISH SCHEDULE.
9. OUTLET BOX AS OCCURS. SEE ELECTRICAL DRAWINGS FOR PHONE, DATA, POWER, ETC.
10. GYPSUM BOARD, 5/8" - PAINTED. SEE FINISH SCHEDULE.

9 Registration Desk

SCALE: 1" = 1'-0"



KEYED NOTES

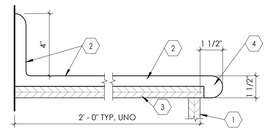
1. LINE OF WALL.
2. DOOR PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
3. PLASTIC LAMINATE CABINET DOOR.
4. ADJUSTABLE SHELF. NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
5. LINE OF CEILING. SEE REFLECTED CEILING PLAN.
6. FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATION. SEE DETAILS **15 / A506** & **16 / A506**

10 Wall Cabinet with Door

SCALE: 1" = 1'-0"

KEYED NOTES

1. SIDE PANEL OF BASE CABINET, AS OCCURS.
2. SOLID SURFACE. CONTINUOUS / INTEGRAL COUNTERTOP & BACKSPLASH. AT SINK LOCATIONS ALSO PROVIDE 4" HIGH INTEGRAL SIDE SPLASH, TYPICAL.
3. 3/4" THICK X CONTINUOUS FIRE TREATED PLYWOOD, TYPICAL AT ALL SOLID SURFACE AND QUARTZ COUNTERTOPS.
4. PROVIDE FULL BULLNOSE EDGE, TYP.



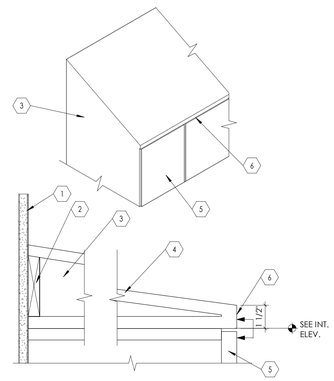
11 Solid Surface Countertop Detail

SCALE: 3" = 1'-0"

KEYED NOTES

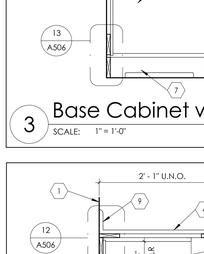
1. FACE OF WALL ASSEMBLY.
2. SOLID BLOCKING, TYP.
3. END PANEL AT BOTH ENDS TO BE CONTINUOUS WITHOUT BREAK / REVEAL BETWEEN SLOPED DUST TOP AND WALL OR FULL HEIGHT CABINET.
4. SLANTED DUST TOP, TYP.
5. FACE OF WALL OF FULL HEIGHT CABINET OCCURS, WITH 1/2" REVEAL AT TOP AS SHOWN, TYP.
6. 1 1/2" DEEP SINGLE PIECE P-LAM FASCIA.

NOTE:
PROVIDE SLANTED DUST TOPS AT ALL UNITS WHERE FINISHED CEILING IS 8'-7" OR MORE. PROVIDE CLOSURE PANEL TO UNDERSIDE OF CEILING WITH REVEAL AT CEILINGS 8'-6" OR LESS, TYP.



16 Slanted Dust Top Detail

SCALE: 3" = 1'-0"

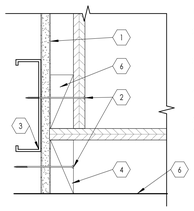


KEYED NOTES

1. FACE OF WALL ASSEMBLY
2. 2 #12 S.M.S. @ 16" O.C. MIN. AND 3" FROM EACH END
3. BACKING PLATE TYPE 1. FOR BACKING PLATE DETAIL SEE - **5 / A502**
4. SOLID BLOCKING TYP.
5. COUNTERTOP AND INTEGRAL BACKSPLASH. SEE DETAIL **11 / A506**

12 Base Cabinet Anchorage - Top

SCALE: 3" = 1'-0"

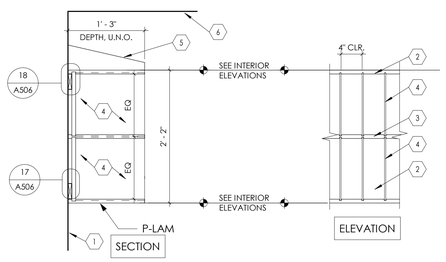


KEYED NOTES

1. FACE OF WALL ASSEMBLY
2. 2 #12 S.M.S. @ 16" O.C. MIN. AND 3" FROM EACH END
3. BACKING PLATE TYPE 1. FOR BACKING PLATE DETAIL SEE - **5 / A502**
4. SOLID BLOCKING TYP.
5. PRESSURE TREATED CABINET BASE SUPPORT
6. SOLID BLOCKING
6. LINE OF FLOOR

13 Base Cabinet Anchorage - Bottom

SCALE: 3" = 1'-0"



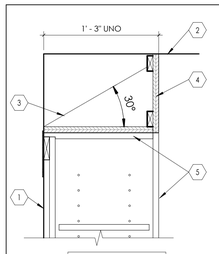
KEYED NOTES

1. LINE OF WALL
2. FIXED SHELF, 3/4" THICK, WITH 5/16" X 5X16" X CONT. SLOTS FOR 1/4" P-LAM DIVIDERS.
3. FIXED SHELF, 1" THICK, WITH 5/16" X 5X16" X CONT. SLOTS FOR 1/4" P-LAM DIVIDERS- TOP AND BOTTOM.
4. PLASTIC LAMINATE DIVIDER, 1/4" THICK, REMOVABLE .
5. P-LAM SLOPED DUST TOP. SEE DETAIL 16/A506.
6. LINE OF CEILING. SEE REFLECTED CEILING PLAN.

NOTE: ALL EXPOSED SURFACES OF CABINET INTERIOR SHALL BE COVERED WITH PLASTIC LAMINATE.

14 Wall Cabinet - Mailboxes

SCALE: 1" = 1'-0"

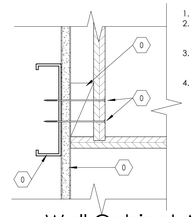


KEYED NOTES

1. LINE OF WALL
2. LINE OF CEILING. SEE REFLECTED CEILING PLAN.
3. BRACE PANEL. PROVIDE BRACE AS REQUIRED TO SUPPORT THE VERTICAL FASCIA PANEL. LOCATE BRACE AT 3'-0" O.C.
4. FASCIA PANEL. PLASTIC LAMINATE WRAPPED OVER PLYWOOD.
5. WALL CABINET AS OCCURS.

15 Wall Cabinet Fascia

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

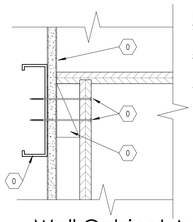


KEYED NOTES

1. FACE OF WALL ASSEMBLY
2. 2 #12 S.M.S. @ 16" O.C. MIN. AND 3" FROM EACH END.
3. BACKING PLATE TYPE 1. FOR BACKING PLATE DETAIL SEE - **5 / A502**
4. SOLID BLOCKING TYP.

17 Wall Cabinet Anchorage - Bottom

SCALE: 3" = 1'-0"



KEYED NOTES

1. FACE OF WALL ASSEMBLY
2. 2 #12 S.M.S. @ 16" O.C. MIN. AND 3" FROM EACH END.
3. BACKING PLATE TYPE 1. FOR BACKING PLATE DETAIL SEE - **5 / A502**
4. SOLID BLOCKING TYP.

18 Wall Cabinet Anchorage - Top

SCALE: 3" = 1'-0"

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Intermountain Healthcare Park City Hospital Level 1 Registration Remodel

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NJRA Project # 17221.00
Construction Documents Feb 7, 2019

Millwork Details

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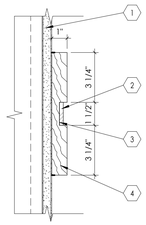


KEYED NOTES

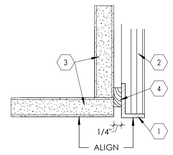
1. 5/8" THICK TYPE 'X' GYPSUM BOARD. SEE WALL TYPE.
2. BRUSHED ALUMINUM STRIP TO MATCH EXISTING.
3. ROUTE WOOD AT LOCATIONS OF ALUMINUM STRIP.
4. CHERRY HARDWOOD. FINISH PROFILE AND STAIN TO MATCH ADJACENT EXISTING.

1 Wood Wall Trim with Aluminum Strip

SCALE: 3" = 1'-0"

KEYED NOTES

1. L - ANGLE, 1 1/2" x 1" x 1/8" X CONTINUOUS EXTRUDED ALUMINUM CORNER GUARD.
2. 3/4" THICK WOOD VENEER FACED PANEL SYSTEM. WOOD SPECIES - MAPLE. STAIN TO MATCH WOOD REVEAL IN LOBBY.
3. GYPSUM BOARD, 5/8" THICK, TYPE 'X'. TYP.
4. CONT. SOLID WOOD TRIM- PAINTED BLACK

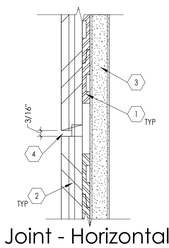


2 Wood Pnl. Terminating Outside Corner

SCALE: 6" = 1'-0"

KEYED NOTES

1. ALUMINUM 'PANEL CLIP' SYSTEM, 1/4" THICK. BASIS OF DESIGN: BROOKLYN HARDWARE 'PANEL CLIP' SYSTEM.
2. WOOD VENEER FACED PANEL SYSTEM, 3/4" THICK. WOOD SPECIES - MAPLE. STAIN TO MATCH WOOD REVEAL IN LOBBY.
3. GYPSUM BOARD, 5/8" THICK, TYPE 'X'. TYP.
4. REVEAL, 3/16", TYP.

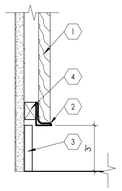


3 Wood Panel Joint - Horizontal (Vertical Similar)

SCALE: 6" = 1'-0"

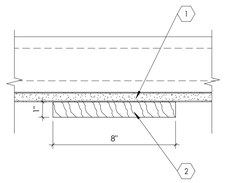
KEYED NOTES

1. 3/4" THICK WOOD VENEER FACED PANEL SYSTEM. WOOD SPECIES - MAPLE STAIN TO MATCH WOOD REVEAL IN LOBBY.
2. L - ANGLE, 1 1/2" X 1" X 1/8" X CONTINUOUS EXTRUDED ALUMINUM CORNER GUARD.
3. TILE BASE AS SCHEDULED.
4. CONT. SOLID WOOD TRIM- PAINTED BLACK



4 Wood Panel Detail

SCALE: 3" = 1'-0"



KEYED NOTES

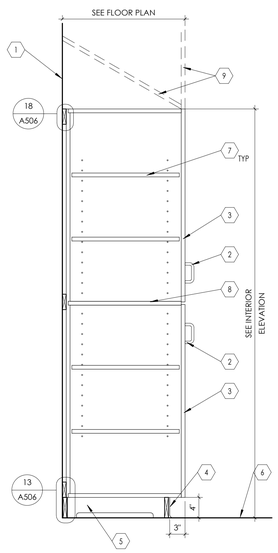
1. 5/8" THICK TYPE 'X' GYPSUM BOARD. SEE WALL TYPE.
2. CHERRY HARDWOOD. FINISH PROFILE AND STAIN TO MATCH ADJACENT EXISTING.

5 Vertical Wood Wall Trim

SCALE: 3" = 1'-0"

KEYED NOTES

1. LINE OF WALL.
2. DOOR PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
3. PLASTIC LAMINATE CABINET DOOR.
4. WALL BASE. SEE FINISH SCHEDULE.
5. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER AND DATA OUTLETS THAT ARE LOCATED HERE.
6. LINE OF FLOOR.
7. ADJUSTABLE SHELVING. SEE INTERIOR ELEVATION FOR NUMBER OF SHELVES REQUIRED.
8. FIXED SHELF MULTI-CORE, 1" THICK. PREMIUM GRADE-PANEL CORE PRODUCT USED FOR LAMINATED CASEWORK.
9. FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATION. SEE DETAIL **15 / A506**



6 Tall Cabinet with Two Doors

SCALE: 1" = 1'-0"

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DOOR SCHEDULE

DOOR #	DOOR: # OF PANELS	DOOR: WIDTH W1	DOOR: SIZE HEIGHT	DOOR: SIZE THICKNESS	DOOR: MATERIAL	DOOR: TYPE	FRAME: TYPE	FRAME: DEPTH	FRAME: MATERIAL	DETAILS: HEAD	DETAILS: JAMB	DETAILS: THRESHOLD	FIRE RATING (MINUTES)	HARDWARE GROUP	COMMENTS
A101		EXISITNG	EXISTING	EXISTING	EXISITNG		6 (2/A601)	MATCH EXISITNG	HM	EXISITNG	EXISITNG			1	NEW FRAME. PAINT FRAME. USE EXISITNG DOOR AND HARDWARE.
A103	1	4' - 0"	7' - 0"	0' - 1 3/4"	WD	B	1(2/A601)	5 7/8"	HM	7/A504	9/A504	1/A504	45	2	AUTO DOOR WITH CARD READER ON PUBLIC SIDE AND PUSH PAD ON STAFF SIDE OF DOOR.GLAZING IN DOOR LITE TO BE FIRE RATED.
A104A	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	A	1(2/A601)	5 7/8"	HM	7/A504	9/A504	1/A504		3	
A104B	1	3' - 7 1/4"	7' - 0"	0' - 1 3/4"	WD	SBD1 (3/A601)	PER MFR	PER MFR	ALUM	3/A504	4/A504	2/A504	45	4	SLIDING BARN DOOR TO PROVIDE 36" CLEAR OPENING, WALL THICKNESS 4-7/8"
A105	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	A	1(2/A601)	5 7/8"	HM	7/A504	9/A504	2/A504	45	3	
A106A	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	B	1(2/A601)	5 7/8"	HM	7/A504	9/A504		45	5	CR. GLAZING IN DOOR LITE TO BE FIRE RATED.
A106B	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	A	1(2/A601)	5 7/8"	HM	7/A504	9/A504	2/A504		5.1	CR
A107	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	A	1(2/A601)	5 7/8"	HM	7/A504	9/A504	2/A504	45	3	
A108	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	A	1(2/A601)	5 7/8"	HM	7/A504	9/A504			3	
A109	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	A	1(2/A601)	5 7/8"	HM	7/A504	9/A504			5	
A110	1	EXISITNG	EXISTING	EXISTING	EXISTING	EXISITNG	EXISITNG	EXISITNG	EXISITNG	EXISITNG	EXISITNG			1	PAINT HM DOOR FRAME.
A111	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	B	1(2/A601)	5 7/8"	HM	7/A504	9/A504	1/A504		6	AUTO DOOR WITH CARD READER ON PUBLIC SIDE AND PUSH PAD ON STAFF SIDE OF DOOR.
A118A	1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	A	1(2/A601)	5 7/8"	HM	7/A504	9/A504			3	
A118B		7' - 0"	7' - 8"	PER MFR	ALUM					11/A504	6/A504			4	
A120	1	4' - 0"	7' - 0"	0' - 1 3/4"	WD	A	1(2/A601)	5 7/8"	HM	7/A504	9/A504	2/A504		5	CR

GENERAL NOTES

A. SEE PROJECT MANUAL FOR DOOR HARDWARE SCHEDULE.

B. SUB-CONTRACTOR UNDER SECTION 'ALUMINUM ENTRANCES AND STOREFRONT', SHALL PROVIDE ALL THE DOOR HARDWARE FOR ALL ALUMINUM DOORS. SEE DOOR SCHEDULE FOR ALUMINUM DOORS AND THE REQUIRED HARDWARE.

C. SUB-CONTRACTOR UNDER SECTION 'DOOR HARDWARE', SHALL PROVIDE ALL THE DOOR HARDWARE FOR ALL THE WOOD AND HOLLOW METAL DOORS. SEE DOOR SCHEULE FOR WOOD AND HOLLOW METAL DOORS AND THE REQUIRED HARDWARE.

D. ALL EXTERIOR DOORS SHALL BE INSULATED.

E. FIELD VERIFY WINDOW AND DOOR FRAME OPENING SIZES BEFORE FRAME INSTALLATION. OVERALL DIMENSIONS INDICATED FOR EACH FRAME TYPE ARE ROUGH OPENING SIZES IN WALLS. CONTRACTOR SHALL ADJUST INNER DIMENSIONS AS REQUIRED TO MAKE DOORS AND WINDOWS WORK.

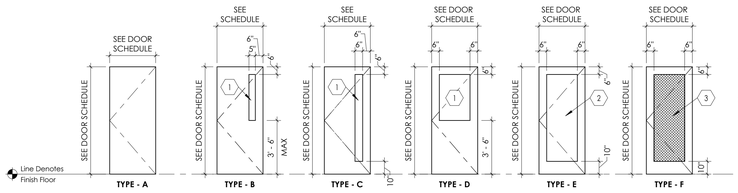
F. ELECTRICAL DEVICES SUCH AS MAG. LOCKS, CARD READERS AND ALARM SYSTEMS BEING PART OF THE DOOR FUNCTION ARE INCLUDED AS PART OF THE ELECTRICAL PLANS AND THE HARDWARE GROUPS. GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE LOCATIONS OF CARD READERS ETC. SHOWN ON ARCHITECTURAL AND ELECTRICAL DRAWINGS WITH ALL TRADES INVOLVED.

G. COORDINATE DOORS & GATES OUTSIDE BUILDING WITH SITE PLAN.

H PROVIDE FIRE RATED GLAZING IN DOOR LITES AT FIRE RATED DOORS.

KEYED NOTES

1. GLAZING IN VISION PANELS AT DOORS SHALL BE 1/4" THICK. CLEAR TEMPERED GLAZING. PROVIDE WOOD FRAME FLUSH WITH THE FACE OF THE DOOR. AROUND OPENING. STAIN AND SPECIES SHALL MATCH WOOD DOOR. DOOR TO BE FACTORY GLAZED. PROVIDE FIRE RATED GLAZING IN FIRE RATED DOORS. SEE DOOR SCHEDULE FOR FIRE RATING.
2. EXTERIOR DOORS OF THIS TYPE TO RECEIVE CLEAR, INSULATED, TEMPERED GLAZING 1" THICK. INTERIOR DOORS OF THIS TYPE TO RECEIVE CLEAR, TEMPERED GLAZING 1/4" THICK. PROVIDED LOW E COATING ON ALL INSULATED GLASS UNITS. DOOR TO BE FACTORY GLAZED.
3. STAINLESS STEEL WELDED WIRE MESH (15 GAUGE WIRE MESH). ATTACHED TO DOOR. PROVIDE FRAME AROUND THE OPENING IN DOOR TO SECURE THE MESH IN PLACE.

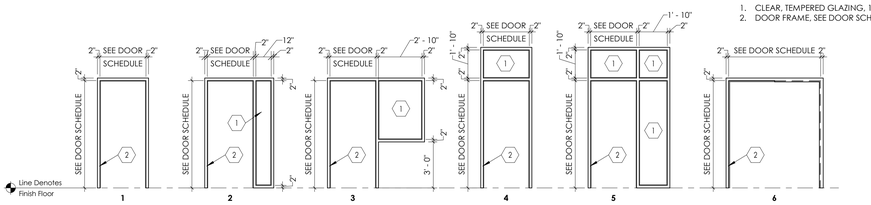


NOTE: REFER TO PLANS AND SCHEDULE FOR DOOR TYPES USED IN THE PROJECT. SOME DOOR TYPES MAY NOT BE IN PROJECT.

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

KEYED NOTES

1. CLEAR, TEMPERED GLAZING, 1/4" THICK.
2. DOOR FRAME. SEE DOOR SCHEDULE.

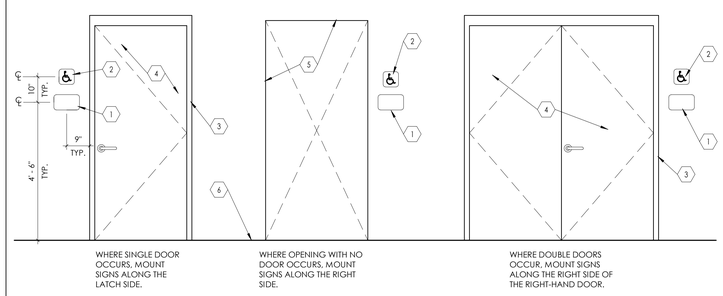


NOTE: REFER TO PLANS AND SCHEDULE FOR FRAME TYPES USED IN THE PROJECT. SOME FRAME TYPES MAY NOT BE USED IN PROJECT.

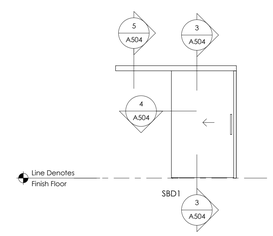
2 Frame Types
SCALE: 1/4" = 1'-0"

KEYED NOTES

1. SIGNAGE. O.F.O.I.
2. SIGN AT ALL ACCESSIBLE LOCATIONS. O.F.O.I.
3. DOOR FRAME. SEE DOOR SCHEDULE.
4. DOOR. SEE DOOR SCHEDULE.
5. OPENING IN WALL.
6. LINE OF FLOOR.



4 Sign Mounting Elevation
SCALE: 1/2" = 1'-0"



3 Sliding Barn Door
SCALE: 1/4" = 1'-0"

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Door Schedule

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LEGEND OF MECHANICAL SYMBOLS AND ABBREVIATIONS

DUCTWORK/GRILLES

- POSITIVE PRESSURE DUCT - RISE
- POSITIVE PRESSURE DUCT - DROP
- NEGATIVE PRESSURE DUCT - RISE
- NEGATIVE PRESSURE DUCT - DROP
- ROUND DUCT - RISE
- ROUND DUCT - DROP
- UNDER FLOOR DUCT
- TURNING VANES
- FRESH AIR LOUVER
- RELIEF AIR OR EXHAUST AIR LOUVER
- 12X12 200 — CEILING SUPPLY DIFFUSER
- 22X22 200 — CEILING RETURN REGISTER
- 12X12 200 — CEILING EXHAUST REGISTER, (BALANCE TO MATCH SUPPLY IF RETURN CFM IS NOT SHOWN)
- 24X10 200 — SIDEWALL SUPPLY REGISTER
- 24X10 200 — SIDEWALL EXHAUST OR RETURN REGISTER
- 12X12 200 — CEILING SUPPLY DIFFUSER WITH FLEXIBLE DUCT
- 12X12 200 — CEILING AIR GRILLE WITH FLEXIBLE DUCT

(TOP FIGURES INDICATE NECK SIZE. BOTTOM FIGURE INDICATES CFM.)

- CEILING RETURN AIR GRILE W/ SOUND BOOT
- 3-1" SLOTS @ 48" 400 — LINEAR DIFFUSER WITH PLENUM AND FLEXIBLE DUCT CONNECTION. NO. OF SLOTS & SIZE OF SLOT ON TOP, ACTIVE LENGTH AND CFM ON BOTTOM
- FLEXIBLE DUCT CONNECTION
- FLEXIBLE DUCT
- 12/8 FO — FLAT OVAL DUCT WITH FREE AREA DIMENSIONS SHOWN IN INCHES.
- 12/8 — RECTANGULAR DUCT WITH FREE AREA DIMENSIONS SHOWN IN INCHES.
- 12ø — ROUND DUCT WITH FREE AREA DIMENSIONS SHOWN IN INCHES.
- UP — INCLINED RISE
- DN — INCLINED DROP

(WITH RESPECT TO AIR FLOW 15° NOMINAL INCLINE WITH RADIUS TURNS=DEPTH OF DUCT.)

- W R — R/W=1. ROUND DUCT SIMILAR TO RECTANGULAR
- 12/12 8/8 — RECTANGULAR TO RECTANGULAR OR ROUND TO ROUND DUCT TRANSFORMATION MAXIMUM 15° INCLUDED ANGLE EXCEPT WHERE SHOWN OTHERWISE.
- 12/12 12ø — RECTANGULAR TO ROUND DUCT TRANSFORMATION
- R W 6 — BRANCH DUCT SPLIT WITH 6" WIDTH AND MIN. R=W/DTH OF BRANCH DUCT DOWNSTREAM. ELBOW TURNING VANE OPTIONAL.
- 1.5D 1.25D 45° 1.0D 1.0D — TAP ENTRY AREA EQUALS 150% OF BRANCH AREA
- 12ø 12/12 — HIGH EFFICIENCY FITTING
- MANUAL VOLUME DAMPER
- FD — FIRE DAMPER IN DUCT, W/ ACCESS PANEL REQD.
- FSD — COMBINATION FIRE/SMOKE DAMPER W/ ACCESS PANEL
- SD — SMOKE DAMPER W/ ACCESS PANEL
- BDD — BACK DRAFT DAMPER
- ATC OR — ATC DAMPER
- AD — ACCESS PANEL IN DUCT OR PLENUM
- HEATING OR COOLING COIL IN DUCT
- SINGLE DUCT AIR TERMINAL BOX VARIABLE OR CONSTANT VOLUME. MIN. 1-1/2 TERMINAL INLET SIZE STRAIGHT DUCT AT TERMINAL INLET.
- 4-WAY BLOW PATTERN
- 3-WAY BLOW PATTERN
- 2-WAY BLOW PATTERN
- 2-WAY BLOW PATTERN
- 1-WAY BLOW PATTERN
- SD — DUCT SMOKE DETECTOR

PIPING

- OR — SHUT OFF VALVE
- OR — BALL VALVE
- OR — BUTTERFLY VALVE
- MOTOR OPERATED BUTTERFLY VALVE
- OR — GATE VALVE
- GATE VALVE - NON RISING STEM
- OR — ANGLE VALVE
- OR — GLOBE VALVE
- OR — PLUG VALVE
- SHUT OFF PLUG VALVE FOR FOR USE WITH PRESSURE GAUGE
- OR — CHECK VALVE
- OR — LATERAL STRAINER WITH BLOW-OFF VALVE, PROVIDE HOSE END WITH CAP WHERE DISCHARGE IS NOT PIPED TO DRAIN
- F&T — F&T=FLOAT & THERMOSTATIC
- RPBP — REDUCED PRESSURE BACKFLOW PREVENTOR W/ DRAIN PAN
- OR — PRESSURE REDUCING VALVE EXTERNAL PRESSURE
- OR — PRESSURE REDUCING VALVE SELF CONTAINED
- OR — ATC - 2 WAY VALVE
- OR — ATC - 3 WAY VALVE
- SOLENOID VALVE
- 0.0 GPM OR — CALIBRATED BALANCING VALVE WITH GPM INDICATED
- VENTURI FLOW METER
- GPM LB/HR. — FLOW METER ORIFICE
- OR — RELIEF VALVE
- AIR VENT-MANUAL
- A — AIR VENT-AUTO
- FLOW SWITCH
- PS — PRESSURE SWITCH
- OR — TEMPERATURE AND PRESSURE TEST PORT
- THERMOMETER WELL
- THERMOMETER - TEMP RANGE AS INDICATED
- PRESSURE GAUGE WITH SHUT OFF PLUG VALVE
- PRESSURE GAUGE WITH PIGTAIL
- OR — UNION
- OR — FLANGE
- OR — FLEXIBLE EXPANSION JOINT
- REDUCER
- ECCENTRIC REDUCER
- BRANCH - BOTTOM CONNECTION
- BRANCH - TOP CONNECTION
- BRANCH - SIDE CONNECTION
- RISE OR DROP
- RISER - DOWN (ELBOW)
- RISER - UP (ELBOW)
- PIPE CAP
- ARROW INDICATES DIRECTION OF FLOW IN PIPE
- DN — LEADER INDICATES DOWNWORD SLOPE
- VALVE IN RISE
- OR — 90° ELBOW
- 45° ELBOW
- ALIGNMENT GUIDE
- ANCHOR

PLUMBING

- THERMOSTATIC MIXING VALVE
- HOSE BIBB
- FLOOR SINK
- FLOOR DRAIN
- FCO COTG — FLOOR CLEAN-OUT OR CLEAN-OUT TO GRADE
- ROOF DRAIN
- DOWNSPOUT NOZZLE
- VTR — VENT THRU ROOF
- WATER HAMMER ARRESTOR
- CLEAN-OUT
- FILL PORT
- DRAIN PAN AND P-TRAP
- (NAME) — FIXTURE FROM LEVEL ABOVE
- DEMOLITION

EQUIPMENT

- UNIT HEATER
- INLINE PUMP
- INLINE PUMP
- FAN

FIRE

- HOSE VALVE
- NRS GATE VALVE WITH SUPERVISION
- FLOW SWITCH
- FR — FIRE RISER
- SPRINKLER HEAD
- F — FIRE SPRINKLER WATER

ANNOTATIONS

- P-1 — PLUMBING FIXTURES
- POINT OF CONNECTION
- A M-101 — SECTION TAG - TOP FIGURE IS SECTION NO. BOTTOM FIGURE IS SHEET NO.
- A M101 — DETAIL TAG - TOP FIGURE IS DETAIL NO. BOTTOM FIGURE IS SHEET NO.
- EF 1 — EQUIPMENT IDENTIFICATION
- 1 — KEYED NOTE IDENTIFICATION
- S — SWITCH
- S — SENSOR
- T — THERMOSTAT
- TN — NIGHT THERMOSTAT

LINETYPES

- AV — ACID VENT
- AW — ACID WASTE
- BBD — BOILER BLOW DOWN
- BF — BOILER FEED WATER
- B — BRINE
- C02 — CARBON DIOXIDE
- CA — COMPRESSED AIR
- CF — CHEMICAL FEED
- CHWS — CHILLED WATER SUPPLY
- CHWR — CHILLED WATER RETURN
- CS — CONDENSER WATER SUPPLY
- CR — CONDENSER WATER RETURN
- DOMESTIC COLD WATER (DCW)
- DOMESTIC HOT WATER (DHW)
- DOMESTIC HOT WATER RETURN (DHWR)
- DI — DEIONIZED WATER SUPPLY
- DIR — DEIONIZED WATER RETURN
- E(NAME) — EXISTING PIPING
- (NAME) — EXISTING PIPING TO BE REMOVED
- GHR — GLYCOL HEAT RECOVERY PIPING
- G(NAME) — GLYCOL PIPING SOLUTION
- FOR — FUEL OIL RETURN
- FOS — FUEL OIL SUPPLY
- FOV — FUEL OIL VENT
- FVS — FLUSH VALVE SUPPLY
- G — NATURAL GAS
- HG — HOT GAS
- HFR — HELICOPTER FUEL RETURN
- HFS — HELICOPTER FUEL SUPPLY
- HP(NAME) — HIGH PRESSURE DOMESTIC WATER
- HPC — HIGH PRESSURE CONDENSATE
- HPS — HIGH PRESSURE STEAM
- HWR — HEATING HOT WATER RETURN
- HWS — HEATING HOT WATER SUPPLY
- IA — INSTRUMENT AIR
- IA 120 — INSTRUMENT AIR AT PRESSURE INDICATED
- ICW — INDUSTRIAL COLD WATER
- IHW — INDUSTRIAL HOT WATER
- IHWR — INDUSTRIAL HOT WATER RETURN
- ISCW — INDUSTRIAL SOFT COLD WATER
- LA — LAB AIR
- LV — LAB VACUUM
- LPC — LOW PRESSURE CONDENSATE
- LPG — LIQUIFIED PETROLEUM GAS
- LPS — LOW PRESSURE STEAM
- LW — LAB WATER
- LWR — LAB WATER RETURN
- MA — MEDICAL AIR
- MA 120 — MEDICAL AIR AT PRESSURE INDICATED
- MPC — MEDIUM PRESSURE CONDENSATE
- MPS — MEDIUM PRESSURE STEAM

LINETYPES CONT.

- MUW — MAKE UP WATER
- MV — MEDICAL VACUUM
- N — NITROGEN
- N20 — NITROUS OXIDE
- OX — MEDICAL OXYGEN
- OX 120 — MEDICAL OXYGEN AT PRESSURE INDICATED
- PC — PUMPED CONDENSATE
- RO — REVERSE OSMOSIS WATER SUPPLY
- ROR — REVERSE OSMOSIS WATER RETURN
- RD — ROOF DRAIN
- RDO — ROOF DRAIN OVERFLOW
- RL — REFRIGERANT LIQUID
- RS — REFRIGERANT SUCTION
- SEWER (BELOW GRADE)
- SEWER (ABOVE GRADE)
- SW — SOFT DOMESTIC WATER
- TW — TEMPERED WATER
- TWR — TEMPERED WATER RETURN
- V — VACUUM
- VENT (SEWER)

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Intermountain Healthcare
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	NJRA Project #	17221.00
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Mechanical Symbols and Legend

M000

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MECHANICAL GENERAL NOTES

1. COORDINATE EXACT PLACEMENT OF DIFFUSERS, GRILLES, AND REGISTERS WITH ARCHITECTURAL REFLECTED CEILING PLAN, TYPICAL.
2. SEE DETAIL FOR DIFFUSER CONNECTIONS TO DUCTWORK, TYPICAL.
3. BRANCH DUCTWORK SHALL BE SIZED TO MATCH THE NECK INLET SIZE OF THE DIFFUSERS, REGISTER OR GRILLE IT SERVES UNLESS NOTED OTHERWISE, TYPICAL.
4. COORDINATE EXACT MOUNTING LOCATION OF ALL THERMOSTATS WITH LATEST REVISION OF ARCHITECTURAL ELEVATION AND FURNISHINGS PLANS, TYPICAL.
5. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CAULKING AND SEALING ALL PENETRATIONS IN FIRE AND SMOKE RATED PARTITIONS TO MAINTAIN RATINGS. SEE SPECIFICATION, TYPICAL.
6. THE MECHANICAL CONTRACTOR SHALL PROVIDE FIRE, SMOKE OR COMBINATION FIRE/SMOKE DAMPERS AT ALL LOCATIONS SHOWN ON THE CONTRACT DOCUMENTS AND AS REQUIRED TO MEET THE INTEGRITY OF ALL SMOKE AND FIRE PARTITIONS. THE CONTRACTOR SHALL REFER TO THE LATEST ARCHITECTURAL LIFE SAFETY PLANS FOR ALL FIRE AND SMOKE PARTITION LOCATIONS. DAMPERS ARE TO BE PROVIDED WITH SHUTOFF/TEST SWITCH AT EACH LOCATION.
7. PROVIDE AND INSTALL TURNING VANES IN ALL SQUARE LOW PRESSURE DUCTWORK AT ELBOWS OR TEES, TYPICAL.
8. INSTALL ALL TERMINAL BOXES IN EASILY ACCESSIBLE AND SERVICEABLE LOCATIONS, MEETING ALL MANUFACTURERS REQUIRED CLEARANCES ON EACH SIDE, SEE DETAILS, TYPICAL.
9. CONTRACTOR SHALL OFF-SET, TRANSITION AND PROVIDE CHANGES AS REQUIRED FOR COORDINATION WITH OTHER TRADES, TYPICAL.
10. DUCTWORK SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS. REFER TO MECHANICAL SPECIFICATIONS FOR EXTENT OF DUCT INSULATION AND LINER.
11. PROVIDE AND INSTALL REMOTE DAMPER OPERATORS FOR ALL DAMPERS INSTALLED ABOVE INACCESSIBLE CEILINGS. SEE MECHANICAL SPECIFICATIONS FOR EQUIPMENT REQUIREMENTS, TYPICAL.
12. PROVIDE AND INSTALL HIGH EFFICIENCY TAKE-OFF FITTINGS AND BALANCING DAMPER AT ALL BRANCH CONNECTIONS TO LOW PRESSURE DUCTWORK.
13. PROVIDE AND INSTALL HIGH EFFICIENCY OR CONICAL TAKE-OFFS AT ALL BRANCH CONNECTIONS TO MEDIUM PRESSURE DUCTWORK.
14. WHERE DUCTWORK CROSSES, SUPPLY DUCTWORK IS USUALLY BELOW RETURN AND EXHAUST DUCT. RETURN DUCTWORK IS USUALLY BELOW EXHAUST DUCTS.
15. AT LOCATIONS WHERE DIFFUSERS OR GRILLES ARE UNDER DUCTWORK, CONTRACTOR TO FABRICATE TRANSITION BOOT FROM FLEX CONNECTION TO DIFFUSER OR GRILLE WITH BALANCING DAMPER, TYPICAL.
16. THE MECHANICAL CONTRACTOR SHALL PROVIDE CEILING MOUNTED ACCESS DOORS FOR ALL FIRE, SMOKE AND COMBINATION FIRE/SMOKE DAMPERS INSTALLED ABOVE INACCESSIBLE CEILING. FIELD VERIFY EXACT INSTALLATION LOCATIONS PRIOR TO COMMENCING WORK AND COORDINATE INSTALLATIONS WITH LATEST ARCHITECTURAL REFLECTED CEILING PLANS.
17. MECHANICAL CONTRACTOR SHALL ENSURE THAT ALL EQUIPMENT IS PROVIDED AND INSTALLED WITH CLEARANCES PER MANUFACTURERS RECOMMENDATIONS. THE CONTRACTOR SHALL MAINTAIN PROPER SERVICE SPACE FOR COIL PULLS, BAS DEVICES, MAINTENANCE ACCESS, ETC.
18. ALL VAV BOXES TO HAVE REHEAT COILS, EXCEPT AS NOTED. PROVIDE A MINIMUM OF TWO DUCT DIAMETERS OF STRAIGHT ROUND DUCT TO INLET OF VAV BOX. BOX SHALL BE HARD CONNECTED (CONICAL) TO MEDIUM PRESSURE DUCT, TYPICAL.
19. PROVIDE ACCESS DOORS TO ACCESS VAV BOX CONTROLS ABOVE HARD CEILINGS. PROVIDE MIN. 24" X 24".
20. ALL PIPE AND DUCT SIZES SHALL REMAIN THE SAME SIZE SHOWN, IN THE DIRECTION OF FLOW, UNTIL SHOWN OTHERWISE.
21. ALL DUCTWORK ABOVE HARD CEILINGS SHALL BE EXTENDED ALL THE WAY TO THE SUPPLY DIFFUSERS, RETURN GRILLS OR EXHAUST GRILLS WHETHER OR NOT HARD DUCT OR FLEX DUCT IS SHOWN ON PLANS. FLEX DUCT WILL NOT BE ALLOWED TO DIFFUSERS OR GRILLS ABOVE HARD CEILINGS. FLEX DUCT WILL BE REQUIRED IN AREAS ABOVE T-BAR CEILINGS.
22. NEW DUCTWORK, PIPING AND EQUIPMENT SHALL BE COORDINATED WITH STRUCTURE, LIGHTS, REFLECTED CEILING PLANS, CABLE TRAY, ELECTRICAL CONDUIT, PLUMBING, MECHANICAL AND FIRE PROTECTION PIPING, MEDICAL GASES, ALL OTHER TRADES AND ALL OTHER EXISTING CONDITIONS.
23. THE CONTRACTOR SHALL INFORM THE DESIGNER OF ANY PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS.
24. PROVIDE ACCESS TO ALL TEMPERATURE CONTROLS ABOVE CEILING. LOCATE IN ACCESSIBLE LOCATION. WHERE THERE ARE HARD CEILINGS THE CONTRACTOR SHALL PROVIDE 24"X24" ACCESS DOOR.
25. UNLESS NOTED OTHERWISE ALL SUPPLY DIFFUSERS SHALL BE CD-1, RETURN GRILLS SHALL BE RG-1, AND EXHAUST GRILLS SHALL BE EG-1. SEE DIFFUSER AND GRILL SCHEDULE.

MECHANICAL PIPING GENERAL NOTES

1. PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE PIPING SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY CODE.
2. UNLESS OTHERWISE NOTED: ALL MECHANICAL PIPING IS OVERHEAD TO RUN ABOVE DUCTWORK AND TIGHT TO UNDERSIDE OF STRUCTURE.
3. WHERE VALVING OR EQUIPMENT IS LOCATED ABOVE HARD CEILINGS PROVIDE AN ACCESS DOOR IN CEILING. MINIMUM ACCESS DOOR SIZE OF 24"X24".
4. NO PIPING TO RUN OVER ELECTRICAL PANELS, VFD'S OR MCC'S. PROTECT EQUIPMENT WITH A 42" DEEP ZONE IN FRONT OF PANELS, VFD'S, AND MCC'S.
5. SLEEVE PIPING THRU WALLS/FOUNDATIONS WHERE REQUIRED.
6. INSTALL PIPING SO THAT ALL VALVES, STRAINERS, UNIONS, TRAPS, FLANGES, AND OTHER APPURTENANCES REQUIRING ACCESS ARE ACCESSIBLE.
7. ALL VALVES SHALL BE INSTALLED SO THAT VALVE REMAINS IN SERVICE WHEN EQUIPMENT OR PIPING ON EQUIPMENT SIDE OF VALVE IS REMOVED.
8. PROVIDE AN AIR VENT AT THE HIGH POINT OF EACH DROP IN THE HEATING AND CHILLED WATER PIPING SYSTEM.
9. INSTALL ALL PIPING WITHOUT FORCING OR SPRINGING.
10. ALL VALVES SHALL BE ADJUSTED FOR SMOOTH AND EASY OPERATION.
11. PROVIDE ISOLATION VALVES AT EACH EXIT/ENTRANCE INTO SHAFT WHETHER OR NOT SHOWN.
12. ALL PIPE AND DUCT SIZES SHALL REMAIN THE SAME SIZE SHOWN, IN THE DIRECTION OF FLOW, UNTIL SHOWN OTHERWISE.
13. COORDINATE LOCATION OF THERMOSTAT WITH ARCHITECTURAL FURNISHING PLANS. MOUNT THERMOSTAT AT HEIGHT AS SPECIFIED ON ARCHITECTURAL.
14. CONTRACTOR TO PROVIDE VALVE IDENTIFICATION AND LOCATION ON ALL CEILING TILES WHERE VALVES ARE LOCATED.

PLUMBING GENERAL NOTES

1. UNLESS OTHERWISE NOTED, SLOPE PIPE AS FOLLOWS: WASTE BRANCHES: 1/4" PER FOOT; WASTE MAINS: 1/4" PER FOOT; ROOF DRAIN/ROOF DRAIN OVERFLOW: 1/8" PER FOOT.
2. ALL WORK DONE SHALL BE PERFORMED WITH WATER CONTROL IN MIND. CONTAINMENT OF WATER IS NECESSARY TO PREVENT WATER FROM DAMAGING AREAS ON FLOORS BELOW.
3. PLUMBING DRAWINGS ARE SCHEMATIC IN NATURE. FIELD VERIFY EXACT PIPE ROUTING AND COORDINATE WITH ALL OTHER TRADES.
4. ALL PIPING IN PLUMBING CHASES SHALL BE ARRANGED TO ALLOW MAINTENANCE ACCESS.
5. NO PIPING TO RUN OVER ELECTRICAL PANELS, VFD'S OR MCC'S. PROTECT EQUIPMENT WITH A 42" DEEP ZONE IN FRONT OF PANELS, VFD'S, AND MCC'S.
6. COORDINATE FAN ROOM FLOOR DRAIN AND FLOOR SINK LOCATIONS WITH COOLING COIL, EVAPORATIVE SECTION, AND HEATING COIL LOCATIONS.
7. CONTRACTOR TO PROVIDE VALVE IDENTIFICATION AND LOCATION ON ALL CEILING TILES WHERE VALVES ARE LOCATED.
8. PIPING AND ROUTING SHOWN, INCLUDING ALL BELOW FLOOR DECK PIPING, IS APPROXIMATE. IT IS UP TO THE CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION AND SIZE OF ALL PIPING.
9. REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE MOUNTING HEIGHTS, DIMENSIONS, AND OTHER REQUIREMENTS.
10. CONTRACTOR TO VERIFY CONNECTION SIDE OF ADA FIXTURES AND ADJUST ACCORDINGLY. INSTALL FLUSH VALVES HANDLES ON WIDE SIDE OF ALL FIXTURES.
11. LOCATE ALL VENTS MINIMUM 25' AWAY FROM AIR INTAKES.
12. INSTALL ALL DOMESTIC WATER LINES BELOW DUCTWORK.
13. INSTALL A 24" X 24" ACCESS DOOR BELOW ALL ISOLATION VALVES, BALANCING VALVES AND WATER HAMMER ARRESTORS WHERE MOUNTED ABOVE HARD CEILINGS.
14. MOUNT ALL ISOLATION VALVES, CONTROL VALVES, BALANCING VALVES, ETC. NEAR CEILING HEIGHT FOR ACCESSIBILITY.
15. INSTALL ALL EQUIPMENT WITH SUFFICIENT CLEARANCE FOR MAINTENANCE PER MANUFACTURERS RECOMMENDATION.
16. COORDINATE ALL FLOOR PENETRATIONS WITH STRUCTURAL AND PROVIDE SLEEVES AS NECESSARY.
17. COORDINATE EXACT LOCATION OF PLUMBING WITH STRUCTURAL MEMBERS, LIGHTS, REFLECTED CEILING, CABLE TRAY, DUCTWORK, MECHANICAL PIPING, MEDICAL GASES, FIRE PROTECTION AND OTHER TRADES, TYPICAL.
18. COORDINATE THE LOCATION OF THE FLOOR DRAIN, SHOWER DRAIN, OR FLOOR SINK WITH ARCHITECTURAL AND STRUCTURAL, TYPICAL.
19. ACCESS DOORS SHALL BE PROVIDED TO ALL WATER HAMMER ARRESTORS IN WALLS OR ABOVE CEILINGS.
20. SEE PLUMBING FIXTURE SCHEDULE FOR PIPE SIZES OF WASTE, VENT AND DOMESTIC WATER TO/FROM SINGLE FIXTURE.
21. HOSE BIBBS SHOWN AT LAVATORIES ARE TO BE MOUNTED AT AN ACCESSIBLE LOCATION UNDER THE LAVATORY.
22. COORDINATE EXACT LOCATION OF PLUMBING PIPING WITH STRUCTURAL MEMBERS, LIGHTS, REFLECTED CEILING PLANS, CABLE TRAY, ELECTRICAL CONDUITS, DUCTWORK, MECHANICAL AND FIRE PROTECTION PIPING, AND ALL OTHER TRADES AND ALL EXISTING CONDITIONS.
23. LOCATE CIRCUIT SETTERS, VALVES, WATER HAMMER ARRESTORS, ETC. IN ACCESSIBLE LOCATIONS. PROVIDE 24"X24" ACCESS PANEL WHERE ITEM IS LOCATED ABOVE A HARD CEILING.
24. ALL PIPE AND DUCT SIZES SHALL REMAIN THE SAME SIZE SHOWN, IN THE DIRECTION OF FLOW, UNTIL SHOWN OTHERWISE.
25. INSTALL CLEANOUTS IN DRAIN PIPING AS INDICATED, AND WHERE NOT INDICATED, ACCORDING TO THE FOLLOWING.
    a) SIZE SAME AS DRAINAGE PIPING UP TO 4" NPS. USE 4" NPS FOR LARGER. DRAINAGE PIPING UNLESS LARGER CLEANOUT IS INDICATED.
    b) LOCATE AT MINIMUM INTERVALS OF 50 FT FOR PIPING 4" NPS AND SMALLER AND 100 FT FOR LARGER PIPING.
    c) LOCATE AT THE BASE OF EACH VERTICAL STACK.

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Intermountain Healthcare Park City Hospital Level 1 Registration Remodel

900 Round Valley Dr
Park City, Utah 84060

	NJRA Project #	17221.00
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Mechanical General Notes

M001

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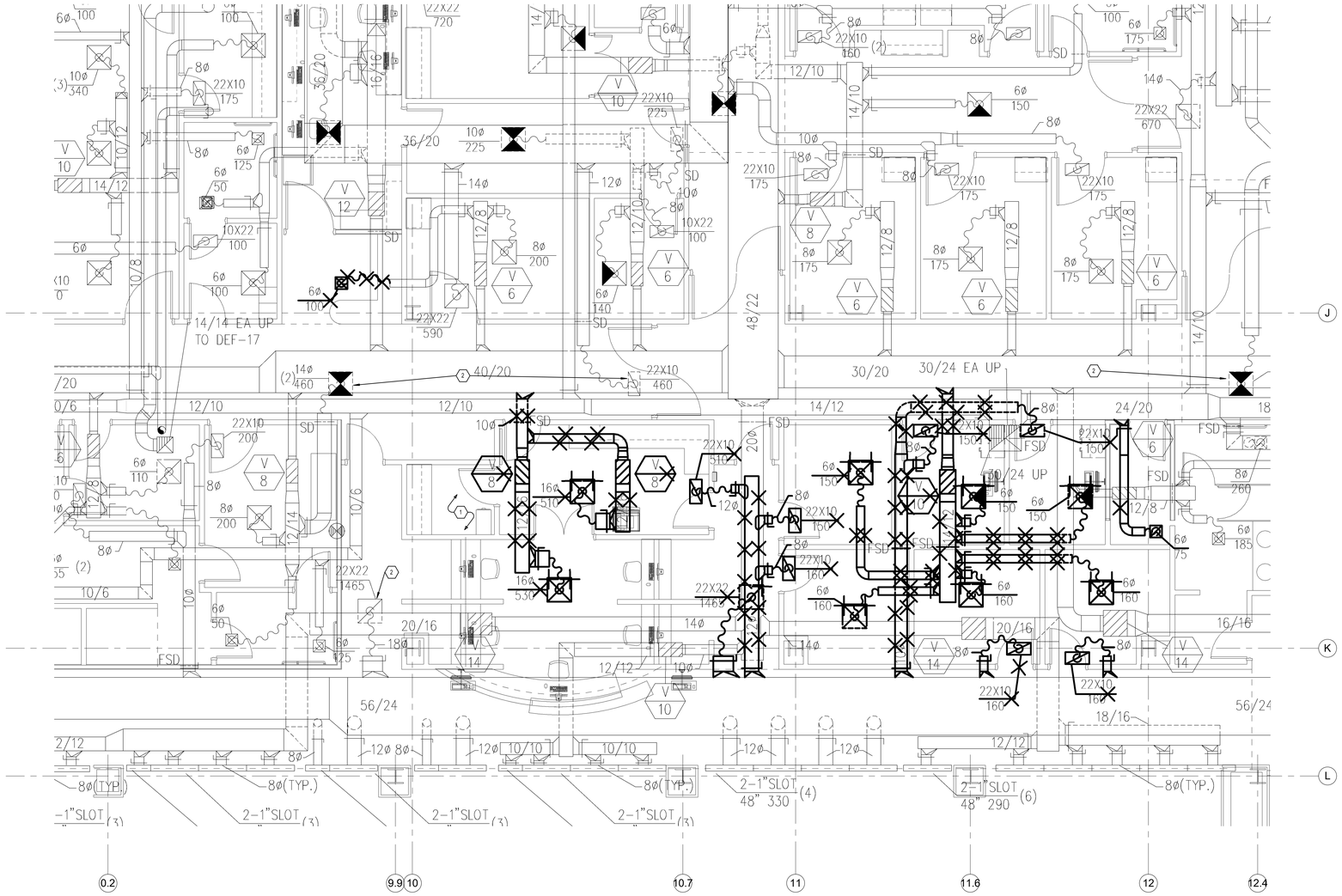
KEYED NOTES

1. EXISTING SHOWN LIGHT TO REMAIN. ITEMS CROSSED OUT TO BE REMOVED. CAP ALL UNUSED DUCTWORK. FIELD VERIFY EXISTING CONDITIONS, TYPICAL.
2. REMOVE EXISTING DIFFUSERS/RETURN GRILLES. CLEAN, KEEP FOR REINSTALLATION IN NEW CEILING. TYPICAL.



1 First Floor Demolition Mechanical Plan
SCALE: 1/4" = 1'-0"

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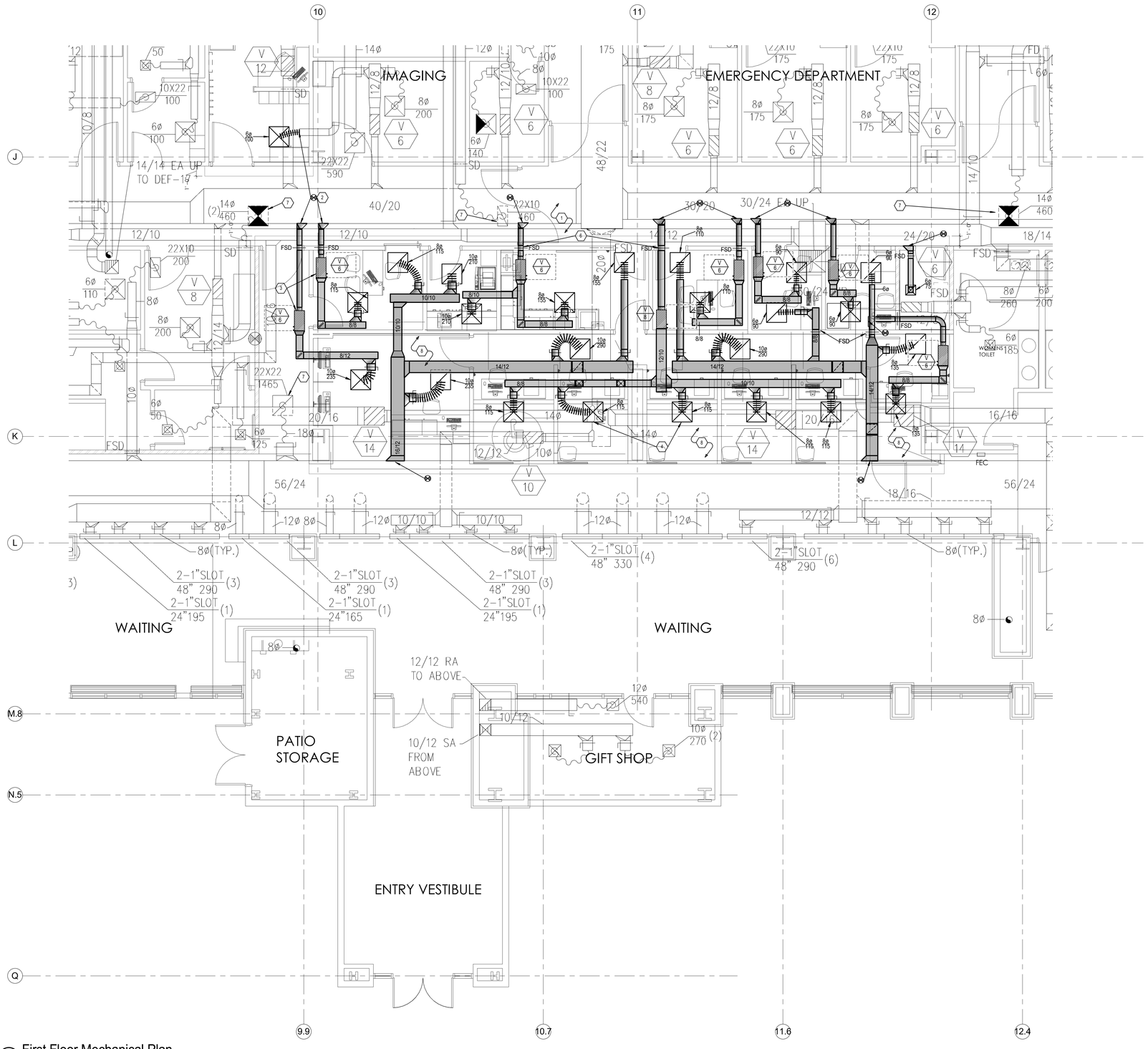
Level 1
Mechanical
Ductwork
Demolition Plan

MD101



1 First Floor Mechanical Plan
SCALE: 1/4" = 1'-0"

KEYED NOTES

1. EXISTING SHOWN LIGHT TO REMAIN. NEW WORK SHOWN DARK. FIELD VERIFY EXISTING CONDITIONS. TYPICAL.
2. CONNECT TO EXISTING DUCT AT APPROXIMATELY THIS POINT. FIELD VERIFY. TYPICAL.
3. NEW VAV BOX. PROVIDE CLEAR ACCESS TO SIDE OF CONTROLS. SEE DETAILS FOR PIPING. TYPICAL.
4. NEW DIFFUSER, FLEX AND HET FITTING. SEE DETAILS. TYPICAL.
5. NOT USED.
6. NEW FIRE/SMOKE IN NEW DUCT. INSTALL PER MANUFACTURE'S RECOMMENDATIONS. TYPICAL.
7. CLEAN EXISTING DIFFUSER AND REINSTALL IN NEW CEILING. TYPICAL.
8. NEW DIFFUSERS TO MATCH COLOR OF NEW WOOD CEILING TILES.

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Level 1
Mechanical
Ductwork Plan

M101

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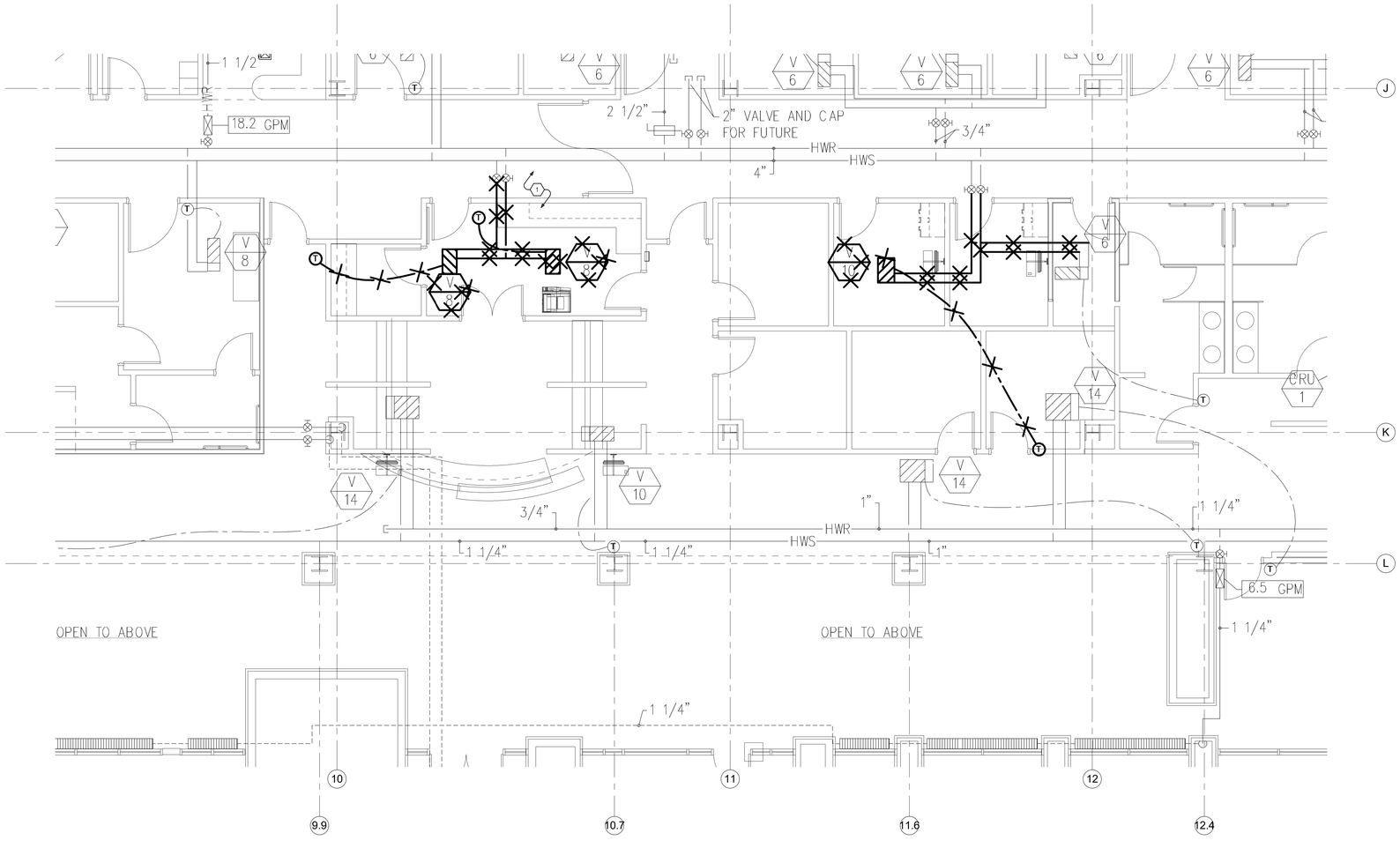
KEYED NOTES

1. EXISTING SHOWN LIGHT TO REMAIN. ITEMS CROSSED OUT TO BE REMOVED. CAP ALL UNUSED PIPING. FIELD VERIFY EXISTING CONDITIONS, TYPICAL.



1 First Floor Demolition Mechanical Piping Plan
SCALE: 1/4" = 1'-0"

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Level 1 Mechanical Piping Demolition Plan

MD201

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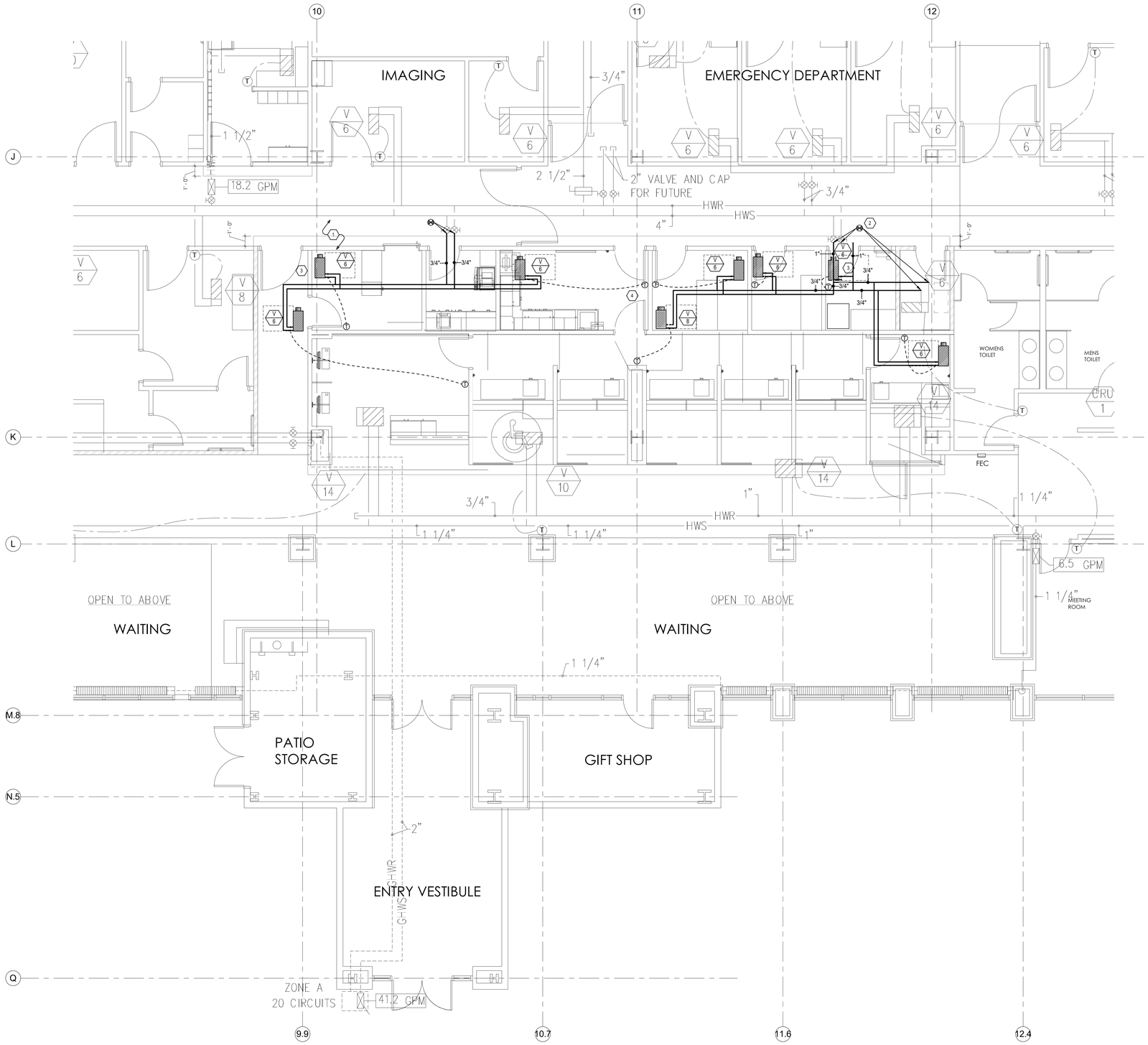

1 First Floor Mechanical Piping Plan
SCALE: 1/4" = 1'-0"

KEYED NOTES

1. EXISTING SHOWN LIGHT TO REMAIN. NEW WORK SHOWN DARK. FIELD VERIFY EXISTING CONDITIONS. TYPICAL.
2. CONNECT TO EXISTING PIPING AT APPROXIMATELY THIS POINT. FIELD VERIFY. TYPICAL.
3. PROVIDE 2 WAY CONTROL VALVE ON VAV BOX PIPING. SEE DETAILS. TYPICAL UNLESS OTHERWISE NOTED.
4. COORDINATE THERMOSTAT LOCATION WITH ARCHITECTURAL AND ELECTRICAL ELEVATIONS. TYPICAL.

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Level 1 Mechanical Piping Plan

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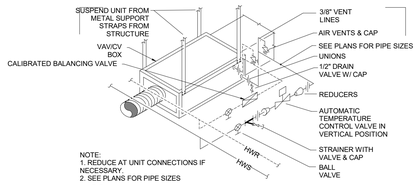
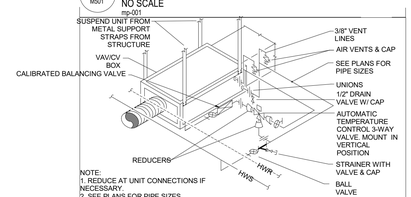


NOTE:
1. REDUCE AT UNIT CONNECTIONS IF NECESSARY.
2. SEE PLANS FOR PIPE SIZES

1 / M501 VAV/CV BOX PIPING DETAIL WITH 2-WAY AUTO-VALVE

NO SCALE

mp-001

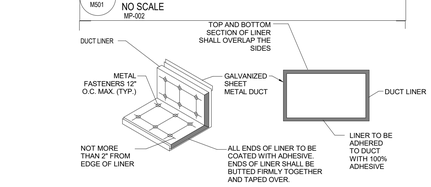


NOTE:
1. REDUCE AT UNIT CONNECTIONS IF NECESSARY.
2. SEE PLANS FOR PIPE SIZES

2 / M501 VAV/CV BOX PIPING DETAIL WITH 3-WAY AUTO-VALVE

NO SCALE

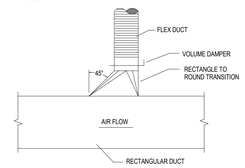
MP-002



3 / M501 DUCT LINER DETAIL

NO SCALE

md-005



4 / M501 HIGH EFFICIENCY TAKE-OFF DETAIL

NO SCALE

MD-017

NJRA ARCHITECTS

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REGISTERED PROFESSIONAL ENGINEER
12.16.2014
No. 178893
DONALD K. BRADSHAW
STATE OF UTAH

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VBFA Project Number: 18435

Intermountain Healthcare Park City Hospital Level 1 Registration Remodel

900 Round Valley Dr
Park City, Utah 84060

	NJRA Project #	17221.00
0	Construction Documents	Feb 7, 2019

Mechanical Details

M501

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VAV BOX SCHEDULE

ID	MANUFACTURER AND MODEL NUMBER	INLET SIZE (IN)	AIR COOLING MAXIMUM AIR (5) (CFM)	HEATING MAXIMUM AIR (CFM)	MINIMUM AIR (3) (CFM)	ENTERING AIR TEMP. DB (DEG. F)	LEAVING AIR TEMP. DB (DEG. F)	S.P. LOSS AT MAX CFM (4) (IN H20)	NC AT 1" H2O (1) S.P.	FLUID (2) HEAT LOAD (MB)	TOTAL FLUID FLOW (GPM)	ENT. FLUID TEMP (DEG. F)	WORKING FLUID	MAX. FLUID PRESSURE DROP (FT)	COIL MIN. COIL ROWS	PIPE SIZE (IN)	BALANCING VALVE SIZE (IN)	REMARKS
V-6	TITUS-ESV-3	6	400	240	80	52	100	0.5	28	9.9	1	180	H. WATER	1	2	3/4	1/2	1,2,3,4,5,6
V-8	TITUS-ESV-3	8	700	420	145	52	100	0.65	28	17.4	1.5	180	H. WATER	1	2	3/4	1/2	1,2,3,4,5,6
V-10	TITUS-ESV-3	10	1100	660	230	52	100	0.65	26	27..3	2	180	H. WATER	1	2	3/4	3/4	1,2,3,4,5,6
V-12	TITUS-ESV-3	12	1600	960	325	52	100	0.65	26	39.7	2.5	180	H. WATER	1	2	3/4	3/4	1,2,3,4,5,6
V-14	TITUS-ESV-3	14	2200	1320	450	52	100	0.65	26	54.6	3	180	H. WATER	1	2	3/4	3/4	1,2,3,4,5,6
V-16	TITUS-ESV-3	16	2800	1680	580	52	100	0.7	26	69.6	3.5	180	H. WATER	1	2	3/4	3/4	1,2,3,4,5,6
V-20	TITUS-ESV-3	24X16 FO	4200	2520	1260	52	100	0.7	29	104.3	5	180	H. WATER	1.5	2	1	3/4	1,2,3,4,5,6

1. MAXIMUM DISCHARGE NC AT BOX DIFFENTIAL PRESSURE BASED ON ARI STANDARD 880-89
2. COIL HEATING CAPACITY BASED ON HEATING MAIXIMUM AIR FLOW (60% OF MAXIMUM COOLING CFM).
3. MINIMUM CFM IS LOWEST CONTROLLABLE CFM SETTING (BASED ON 400 FPM INLET VELOCITY).
4. MAXIMUM STATIC PRSSURE DROP PERMISSABLE ACROSS BOX AND COIL AT MAXIMUM COOLING CFM.
5. BOX COOLING MAXIMUM IS THE SUM OF DIFFUSERS CFM VALUES AS SHOWN IN THE DRAWINGS. BOX MINIMUM CFM TO BE SET AT 30% OF THIS MAXIMUM. BOX HEATING CFM TO BE SET AT 60% OF THIS SAME MAXIMUM. TYPICAL UNLESS OTHERWISE NOTED.
6. PRESSURE INDEPENDENT TYPE BOX.

GRILLES, REGISTERS AND DIFFUSERS

ID	MANUFACTURER	MODEL	DESCRIPTION	
CD-1	EH PRICE	SPD	FACE STYLE: SQUARE PLAQUE DIFFUSER FACE SIZE: 24" x 24", 24" x 12" OR 12" x 12" AS REQUIRED TO FIT CEILING TILE SPACE AVAILABLE APPLICATION: ENGINEERED VAV SYSTEMS MATERIAL: STEEL FINISH: B12 WHITE POWDERCOAT	MOUNTING-FRAME: SURFACE OR LAY-IN, (C/W CEILING TYPE.) PATTERN: 360° RADIAL HORIZONTAL AIR PATTERN DAMPER: OPPOSED BLADE MAX NC - 30 DAMPER: NONE REMOVABLE FACE
RG-1	EH PRICE	PDDR	FACE STYLE: PERFORATED RETURN AIR UNIT FACE SIZE: 24" x 24", 24" x 12" OR 12" x 12" AS REQUIRED TO FIT CEILING TILE SPACE AVAILABLE. APPLICATION: AIR RETURN MATERIAL: STEEL FINISH: B12 WHITE POWDERCOAT	MOUNTING-FRAME: SURFACE OR LAY-IN, (C/W CEILING TYPE.) DAMPER: NONE MAX NC - 30 REMOVABLE FACE & CORE
EG-1	EH PRICE	80	FACE STYLE: CRATE RETURN AIR UNIT FACE SIZE: 24" x 24", 24" x 12" OR 12" x 12" AS REQUIRED TO FIT CEILING TILE SPACE AVAILABLE APPLICATION: PRESSURIZED AIR RETURN MATERIAL: ALUMINUM FINISH: B12 WHITE POWDERCOAT	MOUNTING-FRAME: SURFACE OR LAY-IN, (C/W CEILING TYPE.) DAMPER: OPPOSED BLADE MAX NC - 30 REMOVABLE FACE & CORE

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Mechanical Schedules

M601

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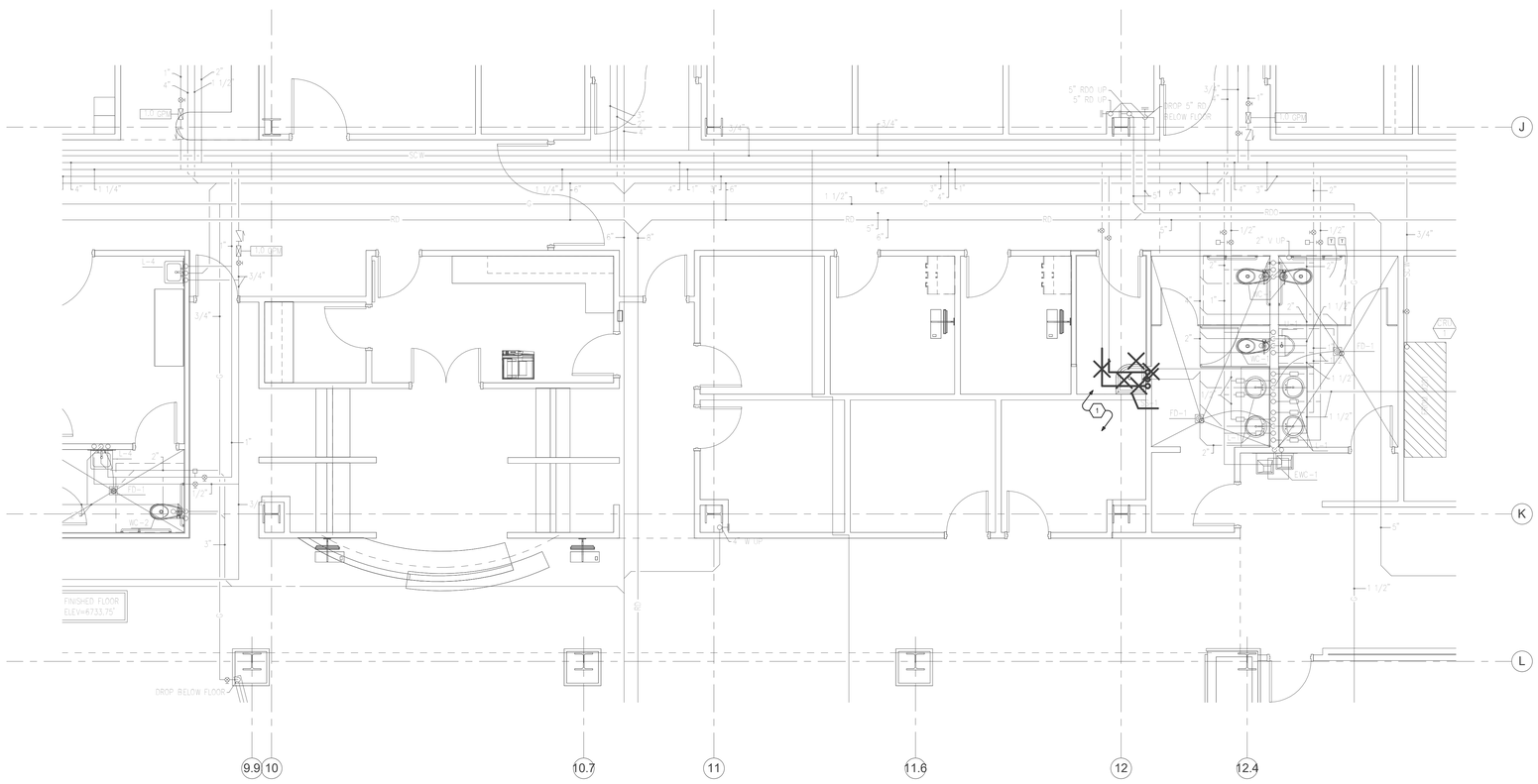
KEYED NOTES

1. EXISTING SHOWN LIGHT TO REMAIN. DEMOLISH ALL PIPING AND PLUMBING FIXTURES SHOWN CROSSED OUT. TYPICAL.



1 First Floor Plumbing Demolition Plan
SCALE: 1/4" = 1'-0"

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Level 1 Plumbing Demolition Plan

PD101

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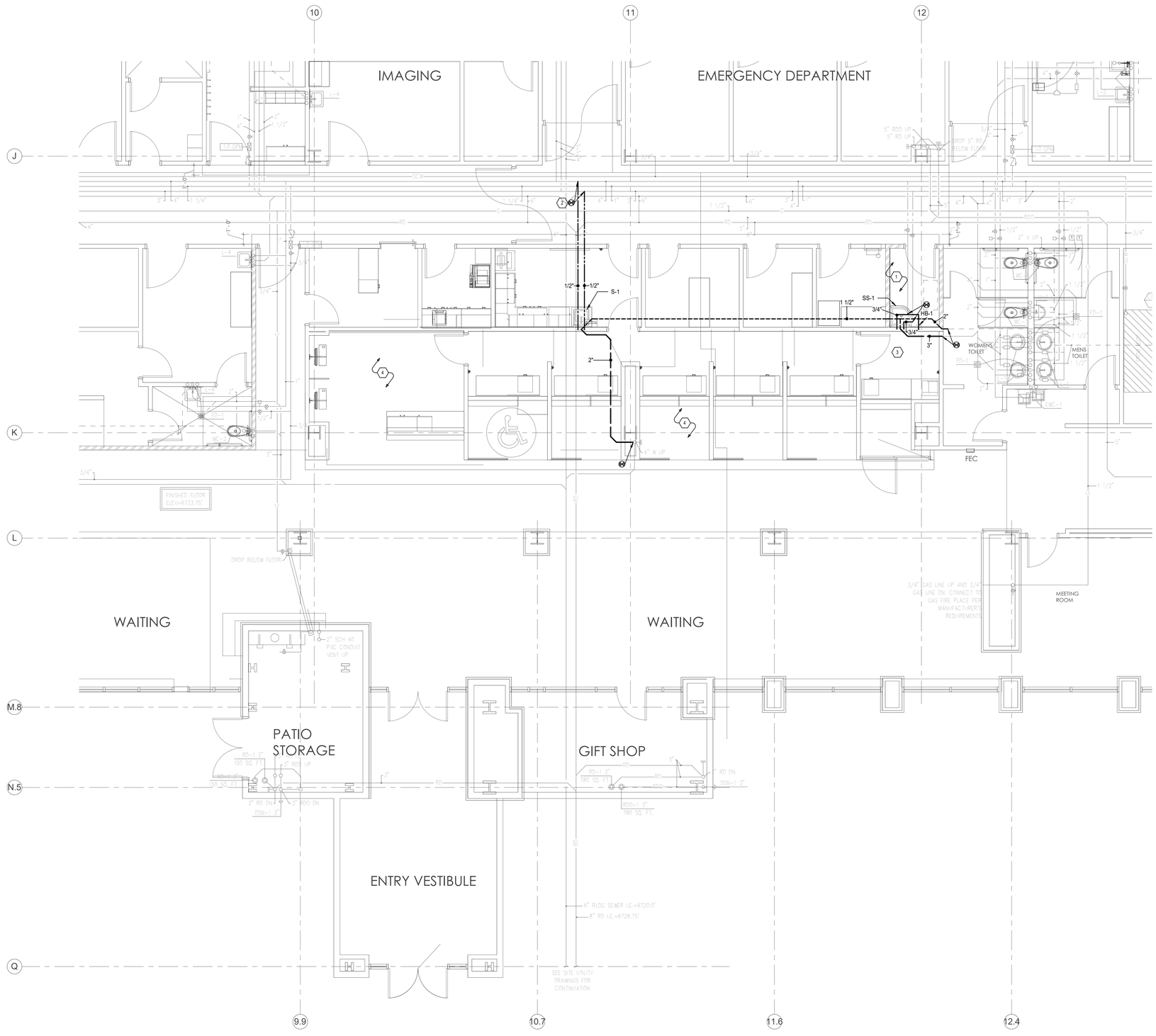

1 First Floor Plumbing Plan
SCALE: 1/4" = 1'-0"

KEYED NOTES

1. EXISTING SHOWN LIGHT TO REMAIN. NEW WORK SHOWN DARK. FIELD VERIFY EXISTING CONDITIONS. TYPICAL.
2. CONNECT TO EXISTING PIPING AT APPROXIMATELY THIS POINT. FIELD VERIFY. TYPICAL.
3. INSTALL HOSE BIBB ABOVE SINK FOR SOAP DISPENSER.
4. PROVIDE RECESSED SPRINKLER CAPS THAT MATCH COLOR OF NEW WOOD CEILING TILES PER ARCHITECTURAL SELECTION.

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Level 1 Plumbing Plan

P101

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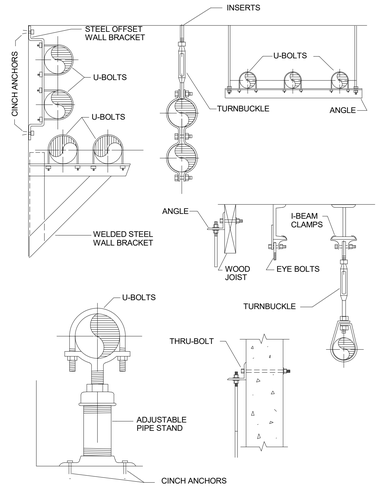
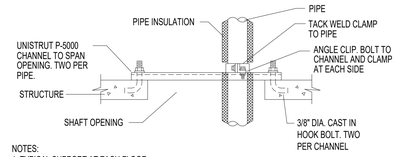
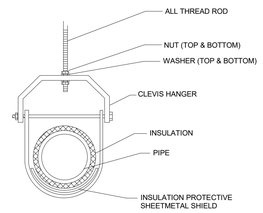


1 P501 TYPICAL PIPE SUPPORT DETAIL
NO SCALE

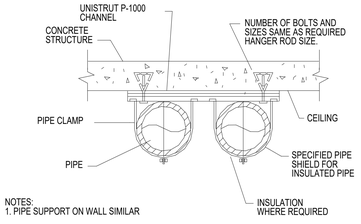


NOTES:
1. TYPICAL SUPPORT AT EACH FLOOR.
2. FOR MULTIPLE PIPES INSTALL CHANNELS IN PARALLEL AND PROVIDE ADDITIONAL FRAMING. SIZES OF FRAMING MEMBERS AS REQUIRED TO SUPPORT TOTAL WEIGHT OF PIPE.
3. INSULATE CLAMP AT CHILLED WATER PIPE ONLY.

5 P501 PIPE RISER SUPPORT DETAIL
NO SCALE

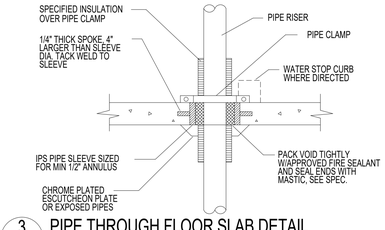


4 P501 TYPICAL CLEVIS HANGER DETAIL
NO SCALE



NOTES:
1. PIPE SUPPORT ON WALL SIMILAR

2 P501 PIPE SUPPORT ON CEILING
NO SCALE



3 P501 PIPE THROUGH FLOOR SLAB DETAIL
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PLUMBING FIXTURE SCHEDULE

ID	FIXTURE	CW (IN)	HW (IN)	W (IN)	V (IN)	NOTES	SPECIFICATION
HB-1	HOSE BIBB	3/4	-.-	-.-	-.-	-.-	HOSE BIBB: ACORN 8121CP-LF BENT NOSE POLISHED CHROME HOSE VALVE WITH VACUUM BREAKER, 3/4" MALE HOSE THREAD AND LOOSE KEY HANDLE. COORDINATE EXACT NOSE CONFIGURATION WITH INSTALLATION.
S-1	SINK	1/2	1/2	2	1 1/2	SOLID SURFACE INTEGRAL SINK	EXAM SINK: SOLID SURFACE INTEGRAL SINK TO BE PROVIDED BY OTHERS. PROVIDE CHICAGO 786-GN8FCABCP FAUCET, NO. 317 4" WRIST BLADES, GN8 RIGID/SWING CONVERTIBLE GOOSE NECK WITH 1.5 GPM FC LAMINAR FLOW CONTROL IN SPOUT AND PLAIN END SPOUT RING, FIX SPOUT RIGID. PROVIDE FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS; JUST J-35 STAINLESS STEEL CUP STRAINER AND CAST BRASS P-TRAP WITH CLEAN-OUT PLUG.
SS-1	SERVICE SINK	3/4	3/4	3	2	FLOOR MOUNTED SERVICE SINK	JANITOR SINK (FLOOR MOUNTED, CORNER): KOHLER K6710, WHITBY, 28 X 28-INCH, ENAMELED CAST IRON FLOOR-MOUNTED CORNER MODEL, K9146-3" DRAIN WITH STRAINER, NO. K8940 REMOVABLE VINYL-COATED RIM GUARD; CHICAGO 897-CP FAUCET WITH VACUUM BREAKER, WATTS LF7R DUAL CHECK VALVES ON HOT AND COLD WATER LINES, SCREWDRIVER STOPS IN SHANKS, 5 FOOT RUBBER HOSE AND WALL HOOK, 853.

1. ALL UNDER GROUND WASTE AND VENT SHALL BE 2" OR GREATER PER DRAWINGS.

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P601

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
00	**REFERENCE AND LINE SYMBOLS**
01 A5 E-501	DETAIL INDICATOR: A5 INDICATES DETAIL NUMBER, E-501 INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
02 A5 E-201	ELEVATION OR SECTION INDICATOR, EXTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
03 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.
04 ROOM NAME 100	ROOM IDENTIFIER WITH ROOM NAME AND NUMBER.
05 1	KEYNOTE INDICATOR.
06 1	REVISION INDICATOR.
07 CU-1	EQUIPMENT INDICATOR.
08 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.
09	BREAK, STRAIGHT: TO BREAK PARTS OF DRAWING
10	BREAK, ROUND
11 MATCH LINE SEE XX/X-XXX	MATCH LINE INDICATOR: CENTER, EXTRA WIDE LINE.
12	NEW LINE: MEDIUM LINE.
13	HIDDEN FEATURES LINE: HIDDEN, THIN LINE
14	EXISTING TO REMAIN LINE: THIN LINE.
15	DEMOLITION LINE: DASHED, MEDIUM LINE
16	PROPERTY LINE: DASHED, WIDE LINE.
17	CONTRACT LIMIT LINE: DASHDOT, WIDE LINE.
18 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.
19 X-X XKP	KITCHEN EQUIPMENT INDICATOR. "X-X" INDICATES EQUIPMENT MARK SHOWN ON EQUIPMENT SCHEDULE. "XKP" IDENTIFIES PANEL EQUIPMENT IS CIRCUITED TO. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
00	**WIRING METHODS**
01	WIRING.
02	WIRING TURNED UP OR TOWARDS OBSERVER.
03	WIRING TURNED DOWN OR AWAY FROM OBSERVER.
04 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.
05 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.
06 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. SMALL CROSS LINES INDICATE NUMBER OF CONDUCTORS OR CABLES. LARGER CROSS LINE INDICATES EQUIPMENT GROUND. WAVY CROSS LINE INDICATES INSULATED/ ISOLATED GROUND. FOR BRANCH WIRING, CROSS LINES INDICATE #12 CONDUCTORS, EXCEPT #10 CONDUCTORS SHALL BE INSTALLED IF DISTANCES EXCEED THOSE SPECIFIED IN THE ELECTRICAL SPECIFICATIONS.
07	FLEXIBLE WIRING.
08 X	WIRING AND/OR RACEWAY: THIN LINE. WHERE "X" = : CATV = CABLE TELEVISION CCTV = CLOSED CIRCUIT TELEVISION FA = FIRE ALARM FO = FIBER OPTICS I = INTERCOM NC = NURSE CALL P = POWER RC = RIGID CONDUIT S = SOUND T = TELEPHONE TV = TELEVISION OTHERS AS NOTED IN OTHER SCHEDULES. RACEWAYS AND WIRING SHALL BE SIZED AS SHOWN AND/OR SPECIFIED.
09	LOW VOLTAGE WIRING: DIVIDE, MEDIUM LINE.
10	CONDUIT STUB. DIMENSION RECORD DRAWINGS AND MARK.
11 1	CONDUCTOR & CONDUIT ("CC") SCHEDULE INDICATOR. REFER TO ONE-LINE DIAGRAM.
12 HC	ADA ACCESS PUSH PLATE
13	JUNCTION BOX.
14 SC	JUNCTION BOX, SYSTEMS FURNITURE COMMUNICATION CONNECTION.
15 SE	JUNCTION BOX, SECURITY SYSTEM. PROVIDE CONDUIT AND ROUGH-IN PER SECURITY DRAWINGS.
16	JUNCTION BOX, DUCT, UNDERFLOOR. TRIPLE, DOUBLE OR SINGLE DUCT SYSTEM AS INDICATED BY THE NUMBER OF PARALLEL LINES. DESIGNATIONS AS SHOWN FOR WIRING AND/OR RACEWAY SYMBOLS.
17	DUCT CELL FLOOR HEADER.
18 PB	PULL BOX.
19 C C	CABLE TRAY ABOVE ACCESSIBLE CEILING.
20 W W	WIREWAY.
21	EARTH GROUND (ONE-LINE DIAGRAM).
22 C	JUNCTION BOX, CEILING.
23	LADDER RACK.
24 A A	CABLE TRAY BELOW ACCESSIBLE FLOOR.
25	MECHANICAL EQUIPMENT CONNECTION. REFER TO EQUIPMENT SCHEDULE FOR REQUIREMENTS.

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
00	**WIRING DEVICES**
01	RECEPTACLE, SINGLE: NEMA 5-20R.
02	RECEPTACLE, DUPLEX: NEMA 5-20R.
03 A	RECEPTACLE, DUPLEX, ABOVE COUNTER: NEMA 5-20R.
04 C	RECEPTACLE, DUPLEX, CEILING: NEMA 5-20R.
05 D	RECEPTACLE, DUPLEX, DEDICATED CIRCUIT: NEMA 5-20R.
06 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.
07 IG	RECEPTACLE, DUPLEX, ISOLATED GROUND: NEMA 5-20R.
08 S	RECEPTACLE, DUPLEX, SWITCHED: NEMA 5-20R.
09 UC	RECEPTACLE, DUPLEX, FLOOR, UNDER CARPET: NEMA 5-20R.
10 W	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WET LABEL, "WEATHERPROOF IN USE": NEMA 5-20R.
11 WP	RECEPTACLE, DUPLEX, WEATHERPROOF: NEMA 5-20R.
12	RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R.
13	RECEPTACLE, DUPLEX ON EMERGENCY POWER: NEMA 5-20R.
14	RECEPTACLE, DUPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R.
16	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
17	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R.
18	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R.
19 WP	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R.
20	RECEPTACLE, DUPLEX, RECESSED: NEMA 5-20R.
21 S	RECEPTACLE, DUPLEX, SWITCHED, RECESSED: NEMA 5-20R.
22	RECEPTACLE, QUADRAPLEX: NEMA 5-20R.
23	RECEPTACLE, QUADRAPLEX ON EMERGENCY POWER: NEMA 5-20R.
24	RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R.
25	RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R.
27	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
28	RECEPTACLE, SPECIAL PURPOSE. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG.
29	RECEPTACLE, SPECIAL PURPOSE ON EMERGENCY POWER. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG.
30 D	RECEPTACLE, DRYER: NEMA 14-30R.
31 R	RECEPTACLE, RANGE: NEMA 14-50R.
33	MULTI-OUTLET ASSEMBLY: NEMA 5-20R.
34 D	DROP CORD. SEE DETAIL.
36 FB#	FLUSH FLOOR BOX. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
37 PP#	POWER POLE. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
38 PT#	FLUSH FIRE RATED POKE THRU. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
39	SWITCH, DIMMER.
40 X $	SWITCH, SINGLE POLE ("x" INDICATES FIXTURES CONTROLLED).
41 X $2	SWITCH, DOUBLE POLE ("x" INDICATES FIXTURES CONTROLLED).
42 X $3	SWITCH, THREE-WAY ("x" INDICATES FIXTURES CONTROLLED).
43 X $4	SWITCH, FOUR-WAY ("x" INDICATES FIXTURES CONTROLLED).
44 $DS	SWITCH, DOOR.
45 $K	SWITCH, KEY OPERATED.
47 $M	SWITCH, MOMENTARY.
52 T	RECEPTACLE, DUPLEX, TAMPER RESISTANT: NEMA 5-20R.
53	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R.
54	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R.
56	RECEPTACLE, DUPLEX, WITH TWO USB OUTLETS
57	RECEPTACLE, DULEX, RECESSED, NEMA 5-20R, AUTOMATICALLY CONTROLLED THROUGH TIME OR OCCUPANCY BASED CONTROLS (REFER TO PLANS FOR CONTROL METHOD)
58	RECEPTACLE, QUADRAPLEX, RECESSED, NEMA 5-20R, AUTOMATICALLY CONTROLLED THROUGH TIME OR OCCUPANCY BASED CONTROLS (REFER TO PLANS FOR CONTROL METHOD)
59	INDICATES A RECEPTACLE IS AUTOMATICALLY CONTROLLED THROUGH TIME OR OCCUPANCY BASED CONTROLS (REFER TO PLANS FOR CONTROL METHOD)
00	**TECHNOLOGY SYSTEMS**
01 X	TECHNOLOGY SYSTEM CABLE. SEE SPECIFIC JOB EQUIPMENT LIST FOR APPLICABLE DESIGNATIONS. EXAMPLES: C = CONTROL CABLE G = GROUND CABLE, 10 AWG, 1 CONDUCTOR, GREEN INSULATED M = MICROPHONE CABLE S = SPEAKER CABLE, 70 VOLT SYSTEM Z = SPEAKER CABLE, 8 OHM SYSTEM
02 S #	SPEAKER, CEILING MOUNTED.
03 S #	SPEAKER, WALL MOUNTED.
21	EQUIPMENT CABINET.
22	MEDIA CONNECTION PLATE.
23	AUDIO/VISUAL OUTLET.

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
00	**ELECTRICAL POWER AND DISTRIBUTION**
01	FUSE WITH RATING (ONE-LINE DIAGRAM).
02	DISCONNECT, FUSED (ONE-LINE DIAGRAM).
03	DISCONNECT, NONFUSED (ONE-LINE DIAGRAM).
04	DISCONNECT WITH FUSE AND MOTOR STARTER COMBINATION (ONE-LINE DIAGRAM).
05	OVERLOAD RELAY (ONE-LINE DIAGRAM).
06	STARTER (ONE-LINE DIAGRAM).
07	CIRCUIT BREAKER, MOLDED CASE (ONE-LINE DIAGRAM).
08	CIRCUIT BREAKER, MOLDED CASE WITH SHUNT TRIP (ONE-LINE DIAGRAM).
10	CIRCUIT BREAKER, SOLID STATE (ONE-LINE DIAGRAM).
11 GFP	CIRCUIT BREAKER, SOLID STATE WITH GROUND FAULT PROTECTION (ONE-LINE DIAGRAM).
12	MOTOR.
16	TRANSFORMER (ONE-LINE DIAGRAM).
17	TRANSFORMER, CURRENT (ONE-LINE DIAGRAM).
18	BATTERY (ONE-LINE DIAGRAM).
19	CAPACITOR (ONE-LINE DIAGRAM).
20	DELTA CONNECTION (ONE-LINE DIAGRAM).
21	WYE CONNECTION (ONE-LINE DIAGRAM).
23 225/3 "1H"	PANELBOARD WITH MAIN LUGS ONLY. BUS SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
24 225/3 "1H"	PANELBOARD WITH MAIN CIRCUIT BREAKER. SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
26 225/3 "1H" 25/3	PANELBOARD WITH MAIN LUGS ONLY AND SURGE PROTECTION WITH CIRCUIT BREAKER (ONE-LINE DIAGRAM).
27 225/3 "1H" 225/3 "1H"	PANELBOARD WITH SUB FEED LUGS (ONE-LINE DIAGRAM).
29	CT CABINET PER UTILITY'S REQUIREMENTS (ONE-LINE DIAGRAM).
32 DMM	DIGITAL MULTIMETER (ONE-LINE DIAGRAM).
33	SERVICE ENTRANCE SURGE PROTECTION (ONE-LINE DIAGRAM).
35 G	GENERATOR, POWER (ONE-LINE DIAGRAM).
36 M	METER.
38 VFC VFD	VARIABLE FREQUENCY MOTOR CONTROLLER (ONE-LINE DIAGRAM).
41	DISCONNECT SWITCH, FUSED.
42	DISCONNECT SWITCH, UNFUSED.
43	STARTER, COMBINATION WITH DISCONNECT SWITCH.
44	STARTER OR MOTOR CONTROLLER.
45	PUSHBUTTON.
46	PUSHBUTTONS, MOTOR CONTROL.
47	PANELBOARD CABINET, FLUSH MOUNTED.
48	PANELBOARD CABINET, SURFACE MOUNTED, 1 SECTION.
49	PANELBOARD CABINET, SURFACE MOUNTED, 2 SECTION.
50 DP#__	DISTRIBUTION PANEL OR SWITCHBOARD.
51 LP	LIGHTING RELAY, CONTACTOR PANEL, OR DIMMING ENCLOSURE.
52	LIGHTING CONTROL STATION.
55 $ST	SWITCH, TOGGLE MOTOR STARTER WITH OVERLOAD PROTECTION.
56 75	TRANSFORMER: NUMBER INDICATES kVA.
76	SPECIALIZED TRANSFER SWITCH (ONE-LINE DIAGRAM).
77 HC	ACCESSIBLE DOOR ENTRY PUSH PLATE OPERATOR.

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
00	**LIGHTING (REFER TO FIXTURE SCHEDULE FOR SYMBOLS)**
01 (W-3)	FIXTURE IDENTIFICATION: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
02 (W-3)	FIXTURE IDENTIFICATION, EMERGENCY WITH BATTERY PACK, CONNECTED TO GENERATOR AS INDICATED: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
03 EM	EMERGENCY.
04 NL	NIGHT LIGHT: DO NOT SWITCH.
05 ↑	EGRESS DIRECTION ARROW (EXIT SIGNS).
07	EXIT SIGN: SINGLE FACE; CEILING MOUNTED
08	EXIT SIGN: SINGLE FACE; WALL MOUNTED
09	EXIT SIGN: DOUBLE FACE; CEILING MOUNTED
10	EXIT SIGN: DOUBLE FACE; WALL MOUNTED
00	**LIGHTING CONTROL**
01	OCCUPANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
02	OCCUPANCY SENSOR, DUAL TECHNOLOGY, WALL.
06	VACANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
07	VACANCY SENSOR, DUAL TECHNOLOGY, WALL.
08 P	PHOTOCELL.
18 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)
19 DC	DIGITAL LIGHTING DIMMING CONTROLLER
23 RC	DIGITAL LIGHTING ROOM CONTROLLER
26 L X	LIGHTING SPACE CONTROL TYPE. X INDICATES TYPE. SEE SCHEDULE / DIAGRAM.
00	**STRUCTURED CABLING IHC**
01	IHC COMMUNICATIONS DEVICE (1 DATA).
02	IHC COMMUNICATIONS DEVICE (1 DATA / 1 ANALOG).
03	IHC COMMUNICATIONS DEVICE (1 DATA WALL PHONE).
04	IHC COMMUNICATIONS DEVICE (2 DATA).
05 3	IHC COMMUNICATIONS DEVICE (3 DATA).
06 4	IHC COMMUNICATIONS DEVICE (4 DATA).
07 6	IHC COMMUNICATIONS DEVICE (6 DATA).
08 M	IHC COMMUNICATIONS DEVICE PHYSIOLOGICAL MONITOR (1 DATA).
09 WAP	IHC COMMUNICATIONS DEVICE WIRELESS ACCESS POINT (2 DATA).
00	**NURSE CALL**
01	JUNCTION BOX.
02	CORRIDOR LIGHT.
03 B	BATHROOM PULL CORD STATION.
04 D	DUTY STATION.
05 E	EMERGENCY ASSISTANCE CALL STATION.
06 E CB	EMERGENCY ASSISTANCE CODE BLUE CALL STATION.
07 P	PATIENT STATION.
08 S	STAFF STATION.
09 NCM	TOUCH SCREEN NURSE CALL MASTER STATION.
10 ZLC	ZONE LIGHT CONTROLLER.
11 CU	NURSE CALL AREA CONTROL UNIT & POWER SUPPLIES.
00	**CCTV**
01 P	CCTV CABLE, POWER.
02 V	CCTV CABLE, VIDEO SIGNAL.
03 CCTV	CCTV HEADEND EQUIPMENT.
04 M	CCTV MONITOR.
05	CCTV CAMERA/ENCLOSURE WITH LENS, TYPICAL. SEE SCHEDULE.
06 PTZ	CCTV CAMERA WITH PAN, TILT AND ZOOM.
07 360°	PANNING CAMERA TRANSVERSE ANGLE.
00	**SECURITY**
01 X	SECURITY CABLE. SEE EQUIPMENT SCHEDULE FOR CABLE TYPE.
02 ACC	ACCESS CONTROL HEADEND EQUIPMENT.
05 #1	CARD ACCESS DOOR TYPE #1 OR AS NOTED. SEE SCHEDULE.
06 CR	CARD READER.
07 KCR	KEYPAD/CARD READER COMBINATION.
00	**TV DISTRIBUTION**
01 T	TV DISTRIBUTION CABLE, INDIVIDUAL DROPS.
02 TR	TV DISTRIBUTION CABLE, TRUNK.
03 CMB	COMBINER.
04 DC	DIRECTIONAL COUPLER.
05 DA	DISTRIBUTION AMPLIFIER (ONE-LINE DIAGRAM).
06 SPL	SPLITTER (ONE-LINE DIAGRAM).
07	TV OUTLET.
10	TERMINATOR, 75 OHM (TV DISTRIBUTION).

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 XFMR	BUCK-BOOST TRANSFORMER
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
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIOANL 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

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
00	**FIRE ALARM**
01 FSA	FIRE SYSTEM ANNUNCIATOR.
02 FCP	FIRE ALARM CONTROL PANEL, SEMI-RECESSED.
07 CM	CONTROL MODULE.
08 MM	MONITOR MODULE.
09 P	FIRE ALARM MANUAL PULL STATION.
11	MAGNETIC DOOR HOLDER.
15	DETECTOR, SMOKE.
22	DETECTOR, SMOKE, DUCT WITH HOUSING AND SAMPLING TUBE.
23	DETECTOR, HEAT.
25	STROBE.
27 WP	ALARM, HORN/SPEAKER, WEATHERPROOF.
28	ALARM, HORN/STROBE, ONE ASSEMBLY.
37 SD	SMOKE DAMPER.
38 FSD	FIRE AND SMOKE DAMPER.
39	BELL (GONG).
40 CO	DETECTOR, CARBON MONOXIDE.
42 75	ALARM, HORN/STROBE, ONE ASSEMBLY, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
43 75	ALARM, HORN, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
44 75	ALARM, STROBE, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.

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...

ELECTRICAL SHEET INDEX

EE001	SHEET INDEX, ABBREVIATIONS, AND GENERAL NOTES
EE501	ELECTRICAL DETAILS
EE701	TYPICAL MOUNTING HEIGHT DETAILS
ED101	ELECTRICAL DEMOLITION PLAN
EP100	OVERALL POWER PLAN
EP101	POWER PLAN
EL101	LIGHTING PLAN
EL601	INTERIOR LIGHTING FIXTURE SCHEDULE
EY101	AUXILIARY PLAN
EY601	AUXILIARY DETAILS
EY602	SOUND MASKING DETAILS
EY603	AUXILIARY DETAILS

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02/07/2019

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Level 1 Registration Remodel

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NJRA Project # 17221.00
0 Construction Documents Feb 7, 2019

SHEET INDEX, ABBREVIATIONS, AND GENERAL NOTES

EE001

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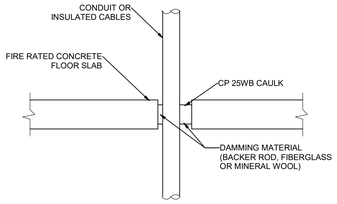
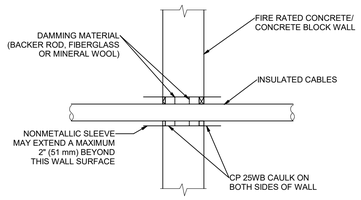


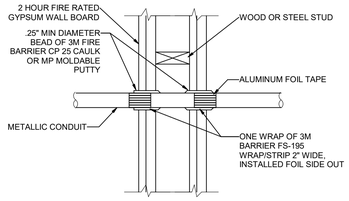
C1 TYPICAL FIRE STOP FOR CABLES/CONDUIT THROUGH CONCRETE FLOORING

SCALE: NTS



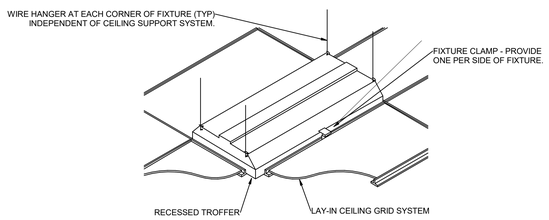
C2 TYPICAL FIRE STOP FOR CABLES/CONDUIT THROUGH CONCRETE WALLS

SCALE: NTS



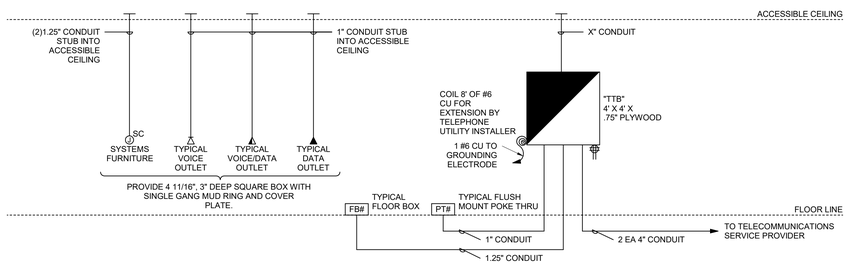
C3 FIRE STOP FOR METAL CONDUIT THROUGH GYPSUM WALL BOARD

SCALE: NTS



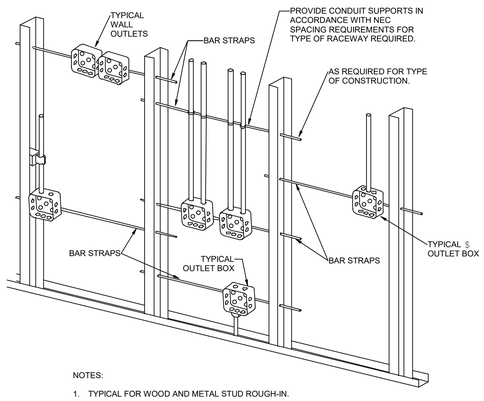
B1 RECESSED FIXTURE MOUNTING DETAIL

SCALE: NTS



A1 VOICE/DATA RISER DIAGRAM

SCALE: NTS

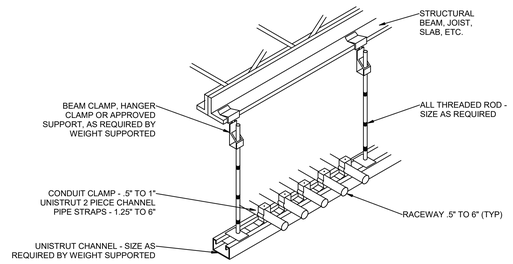


NOTES:

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

A3 TYPICAL ROUGH-IN REQUIREMENTS DETAIL

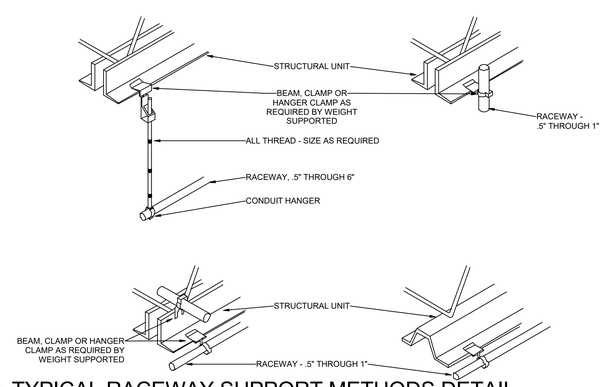
SCALE: NTS



B5 TYPICAL CONDUIT RACK DETAIL

SCALE: NTS

NOTE:
TIE WIRE SHALL NOT BE USED AS A COMPONENT OF ANY RACEWAY HANGER SYSTEM.



A5 TYPICAL RACEWAY SUPPORT METHODS DETAIL

SCALE: NTS

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ELECTRICAL DETAILS

EE501

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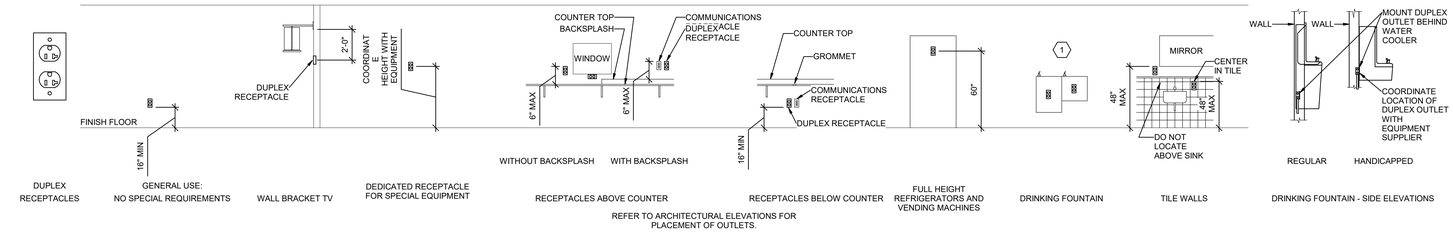
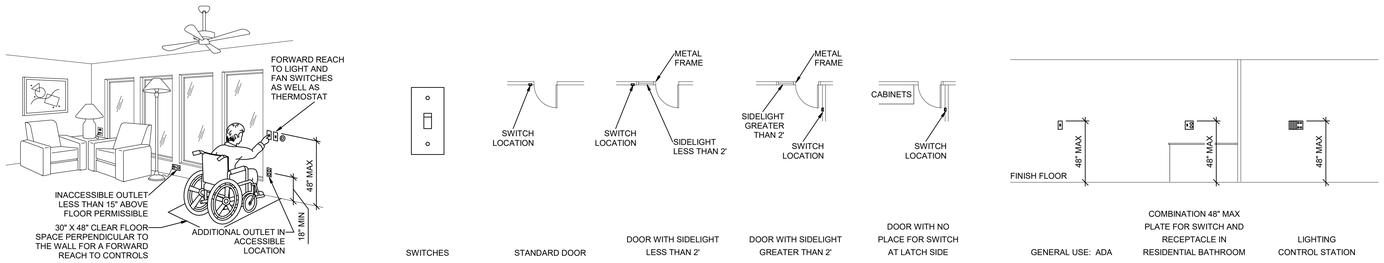


REFER TO ARCHITECTURAL ELEVATIONS FOR PLACEMENT OF OUTLETS.

E2 RECEPTACLE MOUNTING DETAILS

SCALE: NTS

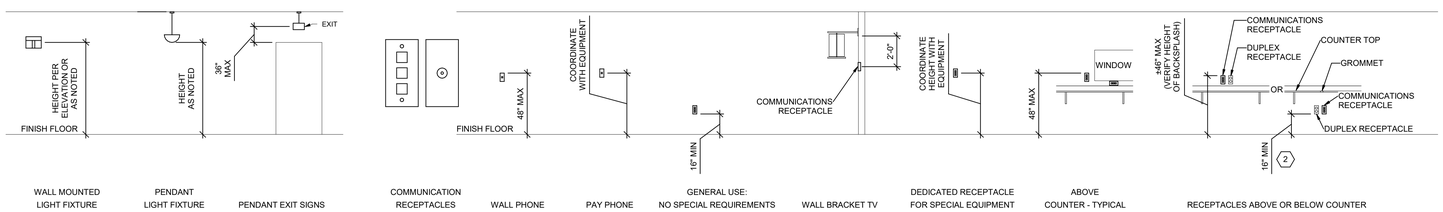


D2 ADA DETAIL

SCALE: NTS

D3 SWITCH MOUNTING DETAILS

SCALE: NTS

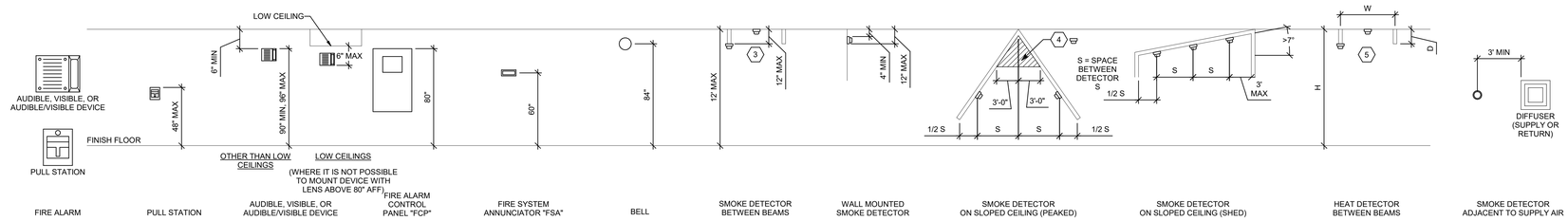


C2 LIGHTING MOUNTING DETAILS

SCALE: NTS

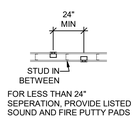
C3 COMMUNICATIONS MOUNTING DETAILS

SCALE: NTS



B1 FIRE ALARM MOUNTING DETAILS

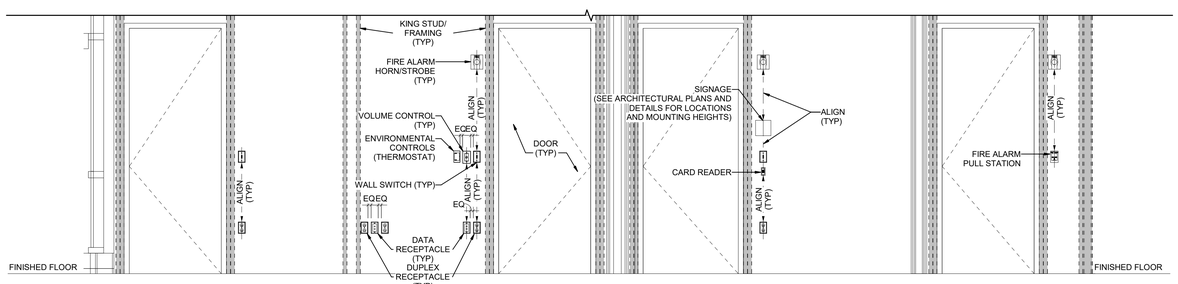
SCALE: NTS



BOXES ON OPPOSITE SIDES OF WALL

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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02/07/2019

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TYPICAL MOUNTING HEIGHT DETAILS

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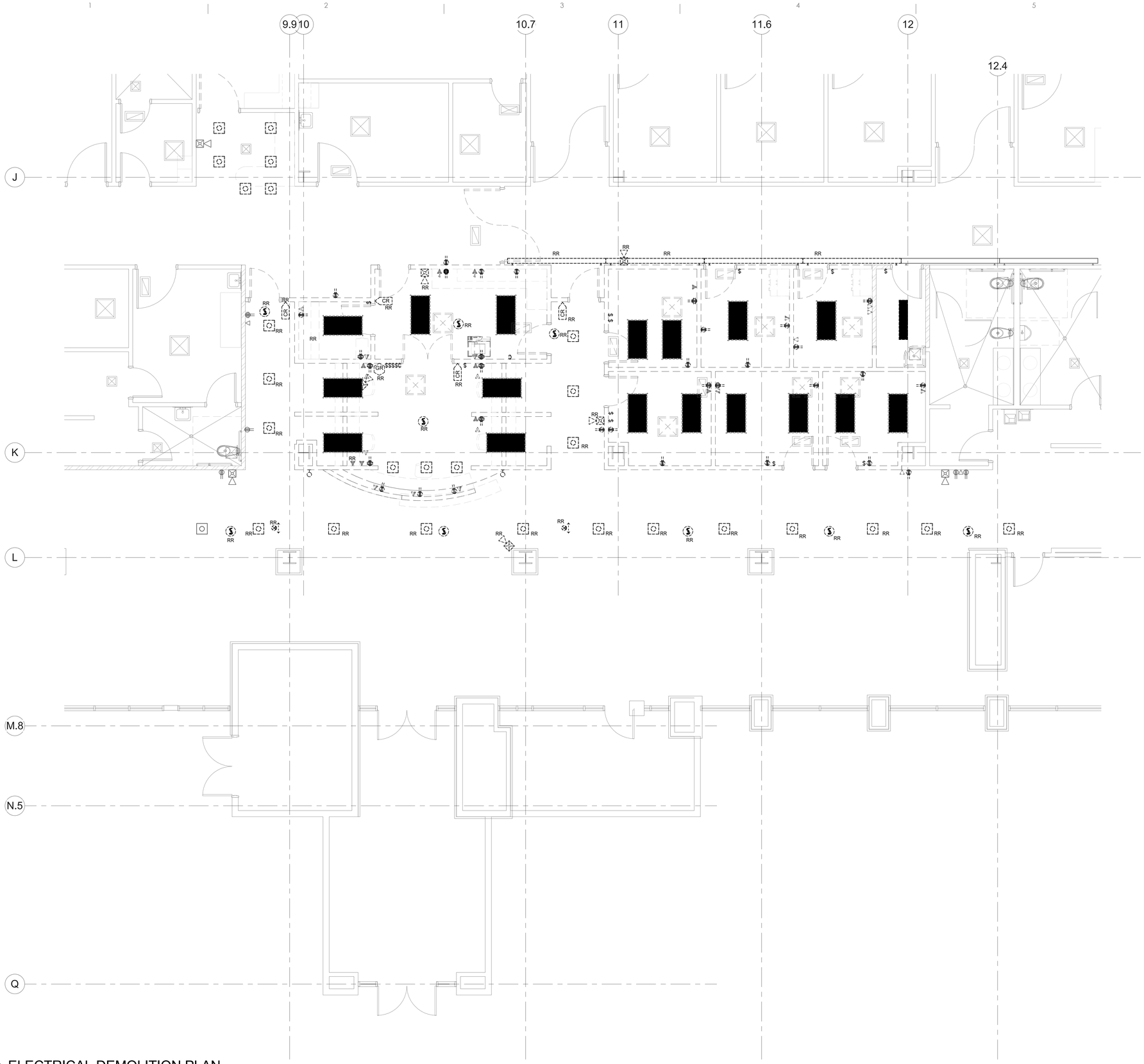

1 ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

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GENERAL SHEET NOTES

1. UNLESS OTHERWISE INDICATED, REMOVE ALL LIGHTING FIXTURES, OUTLETS, DEVICES AND EQUIPMENT IN HATCHED AREAS. REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO THE PANEL BOARD OF ORGIN. SYSTEMATICALLY CHECK EACH BRANCH PANEL BOARD CIRCUIT TO VERIFY THAT EACH CIRCUIT BREAKER NO LONGER HAS ANY ACTIVE LOAD. DISCONNECT THE WIRING AND TURN THE CIRCUIT BREAKER OFF. ANY REMAINING ACTIVE LOADS SHALL BE LABELED AND THE PANEL BOARD AS TO WHAT LOAD IS SERVED.
2. UNLESS NOTED OTHERWISE REMOVE ALL LIGHTING FIXTURES AND EQUIPMENT SHOWN DASHED. REMOVE CONDUIT AND WIRING BACK TO THE PANEL BOARD OF ORGIN OR TO THE FIRST ACTIVE DEVICE THAT REMAINS.
3. SALVALGE ALL LIGHT FIXTURES, TWIST LOCK RECEPTACLES AND WALL PLATES, CEILING SPEAKERS AND SECUIRTY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.
4. PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.
5. PRIOR TO THE REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.
6. REMOVE ALL DEVICES, RACEWAYS, AND WIRING FROM WALL TO BE REMOVED. WHERE ACTIVE RACEWAY OCCURS IN WALLS TO BE REMOVED, REROUTE THE RACEWAY WITH TEH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.
7. REMOVE ALL FIRE ALARM DEVICES WHERE EXISTING WALLS AND CEILINGS ARE BEING REMOVED, WITH ASSOCIATED CONDUIT AND WIRING. EXISTING FIRE ALARM DEVICES AND SYSTEM NOT INDICATED FOR REMOVAL SHALL REMAIN ACTIVE THROUGHOUT DEMOLITION AND CONSTRUCTION UNTIL THE NEW SYSTEM IS TESTED AND OPERATIONAL. MAINTAIN ALL CLASS A FIRE ALARM INITIATING AND INDICATING LOOPS WHERE EXSTING DEVICES ARE REMOVED.
8. REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.
9. DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.

SHEET KEYNOTES

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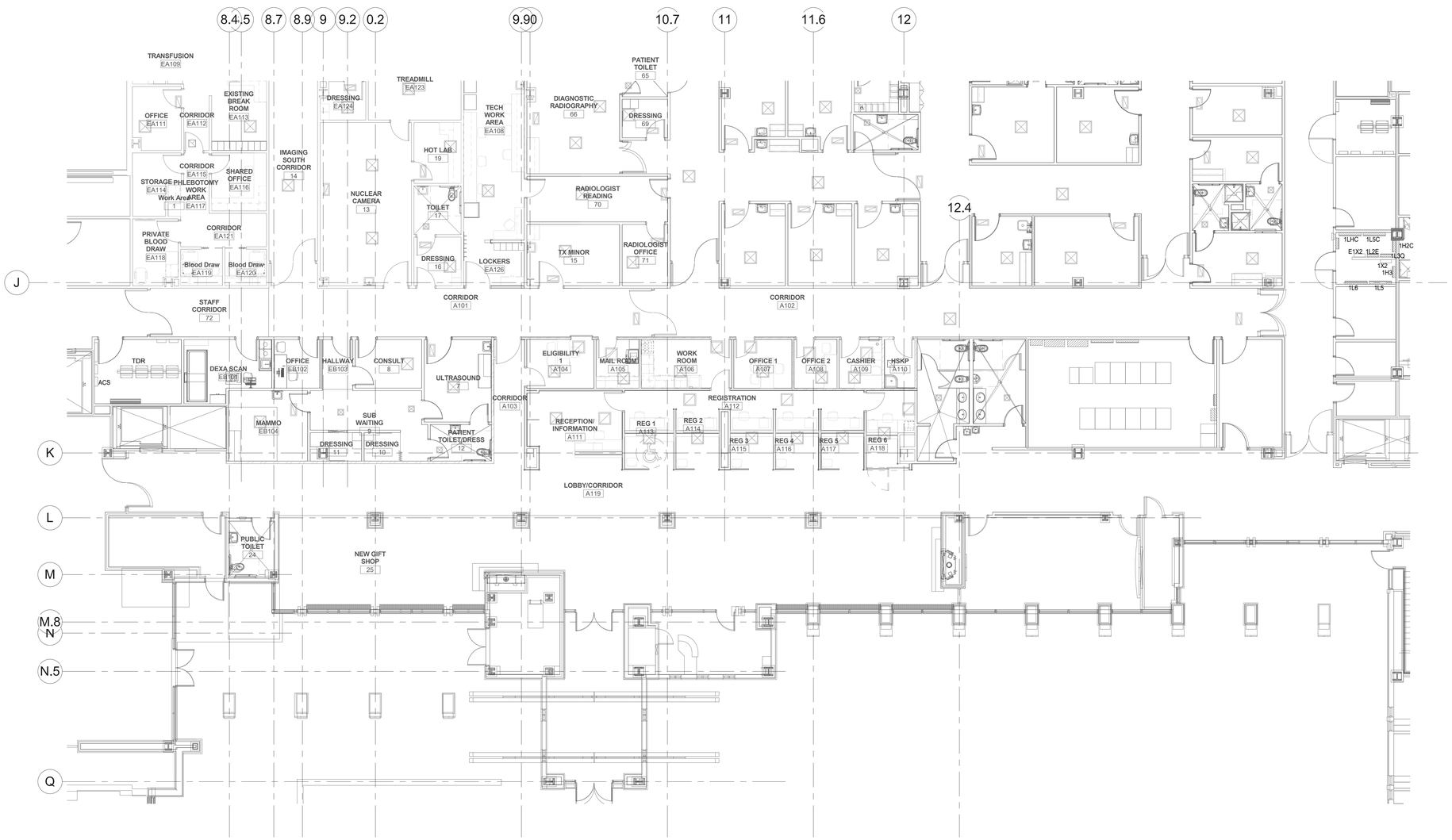
ELECTRICAL DEMOLITION PLAN

ED101



A1 OVERALL POWER PLAN

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

2/7/2019 6:20:32 AM

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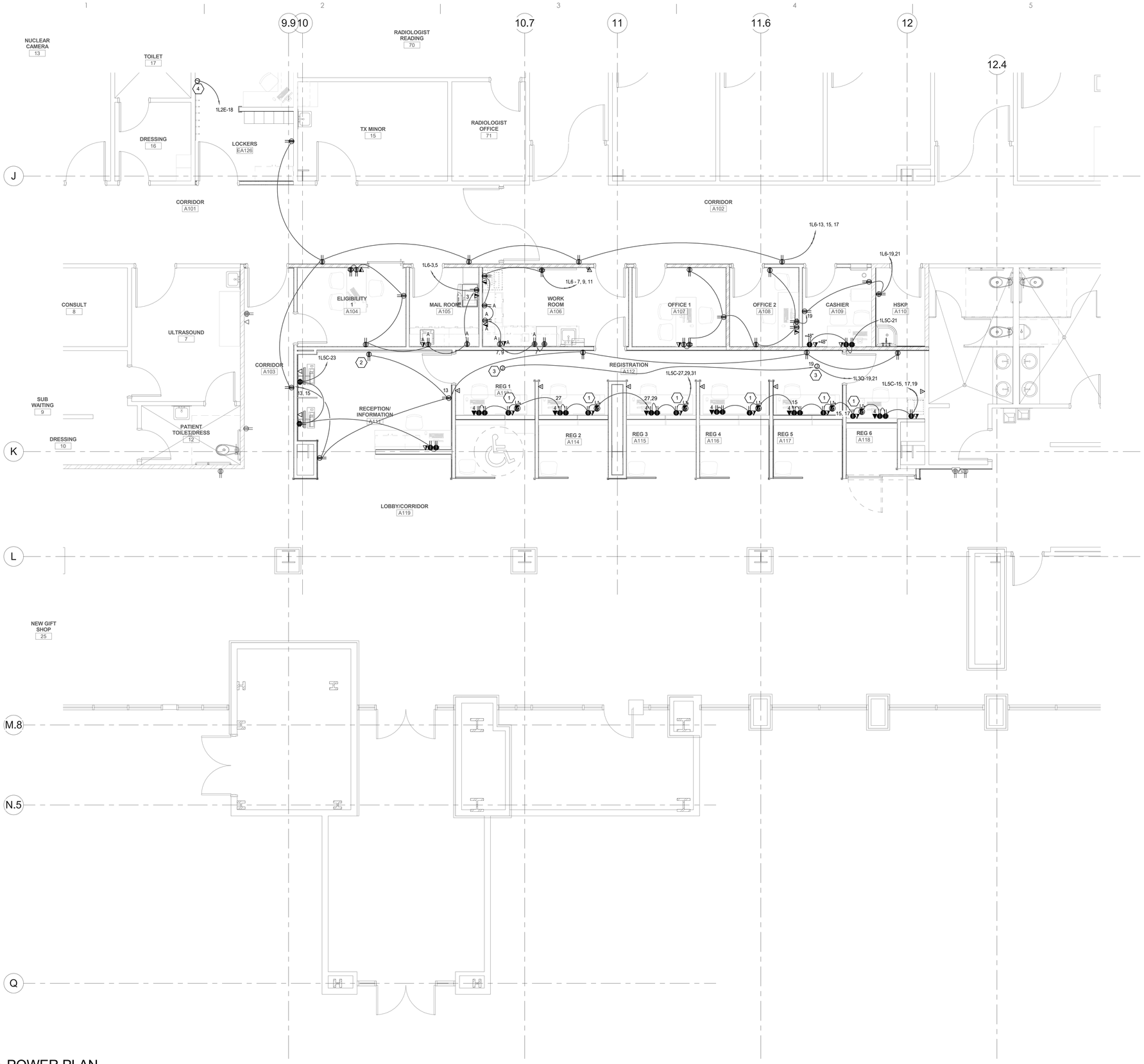
OVERALL POWER PLAN

EP100



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

2/7/2019 6:20:48 AM

GENERAL SHEET NOTES

1 PROVIDE A DEDICATED NEUTRAL FOR ALL BRANCH CIRCUITS.

2 ALL RECEPTACLES LOCATED WITHIN 6' OF THE EDGE OF SINK SHALL BE GFCI PROTECTED.

3 PROVIDE NEW TYPED PANEL SCHEDULES FOR ALL PANELS AFFECTED DURING CONSTRUCTION.

SHEET KEYNOTES

1 INSTALL DUPLEX, DATA, AND USB RECEPTACLES IN P-LAM CHASE WALL FOR PRINTER. SEE ATTACHED ARCHITECTURAL DRAWINGS. PROVIDE FLEX CONDUIT FROM THE WALL TO THE DRAWER.

2 INSTALL DUPLEX RECESSED IN STONE WALL. FACEPLATE TO BE ALMOND COLOR.

3 PROVIDE 120V CIRCUIT FOR VAV CONTROLS.

4 PROVIDE 120V CIRCUIT FOR MED GAS ALARM PANEL.

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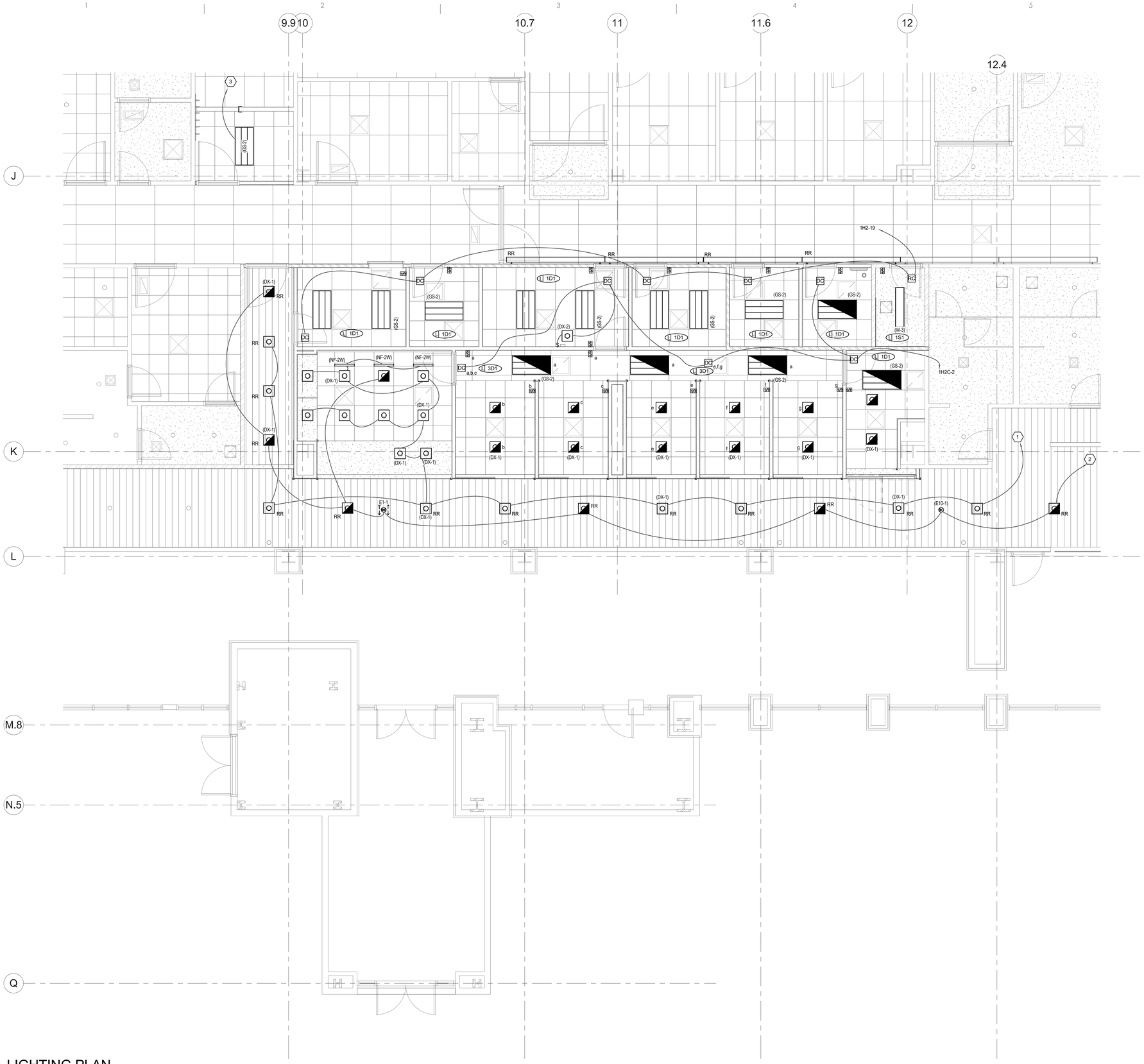
POWER PLAN

EP101



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

2/7/2019 6:20:11 AM

GENERAL SHEET NOTES

SHEET KEYNOTES

1 CONNECT TO EXISTING NORMAL LIGHTING CIRCUIT IN CORRIDOR.

2 CONNECT TO EXISTING EGRESS LIGHTING CIRUCIT IN CORRIDOR.

3 CONNECT TO EXISTING LIGHTING CIRCUIT AND CONTROLS IN CONTROL ROOM.

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LIGHTING PLAN

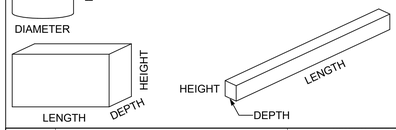
EL101

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

NOTES

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

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 CONFIGURATION	VOLTAGE	WATTS	FINISH	FIXTURE LUMENS	DIFFUSER/LENS	REFLECTOR	OPTIONS	NOTES	OPTION 1	OPTION 2	OPTION 3
(DX-1)	6" ROUND, RECESSED LED DOWNLIGHT, SEMI-SPECULAR REFLECTOR, BLACK TRIM FINISH	-	-	-	0' - 6"	CR	LED	3500K		0-10V DIMMING (10%)	120/277	19	-	1500			-		GOTHAM (EVO-35/15-6AR-WD-LSS-MVOLT-EZ10-TRBL)	LITON (LHALD612C034UE-D10/LRALD6SWF160-B60-T35 W/ BLACK TRIM)	PORTFOLIO (LD6B15D010/EU6B10208035/6LBW2H HB26 W/ BLACK TRIM)
(DX-2)	6" ROUND, RECESSED LED DOWNLIGHT, SEMI-SPECULAR REFLECTOR, WHITE TRIM FINISH	-	-	-	0' - 6"	CR	LED	3500K		0-10V DIMMING (10%)	120/277	23	-	2000			-		GOTHAM (EVO-35/20-6AR-WD-LSS-MVOLT-EZ10-TWR)	LITON (LHALD625CO71-D10/LRALD6SWF151-B60-T35)	PORTFOLIO (LD6B20D010/EU6B10208035/6LBW2H HB26)
(GS-2)	2' X 4' LED TROFFER, EDGE LIT PANELS, GRID LAY-IN	4' - 0"	2' - 0"	-	-	CR	LED	3500K		0-10V DIMMING (10%)	120/277	38	-	4300			-		METALUX (24EN-LD2-45-UNV-L835-C-D1-U)	LEDALITE (4224-D1-ST-L-8B-D-S-7-2-E)	FOCAL POINT (FEQ2 24 AC)
(NF-2W)	4" X 4' LINEAR RECESSED SLOT, GRID MOUNT, WALL WASH	2' - 0"	0' - 4"	-	-	CR	LED	3500K		0-10V DIMMING (10%)	120/277	19	-	1000			-		PINNACLE (EV3WW 35 2' F U OL 1 1 0 W)	ALW (LP3.5RWWT TGRID S2' LOW 0/10V/S HT WH UNV)	PRUDENTIAL (BIO-STD FLSH LED35 LO 2' TMW AWL D1W SC UNV X1 DM10)
(W-3)	4' NARROW BODY WRAPAROUND, OPAL ACRYLIC LENS	4' - 0"	-	-	-	CS	LED	3500K		NO DIMMING	120/277	32	WH	4200			-		LITHONIA (LBL4-LP835)	COLUMBIA (LWC4-35VL-EU)	METALUX (WNLED-LD1-41-1-UNV-L835-CD1-U)

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INTERIOR LIGHTING FIXTURE SCHEDULE

EL601

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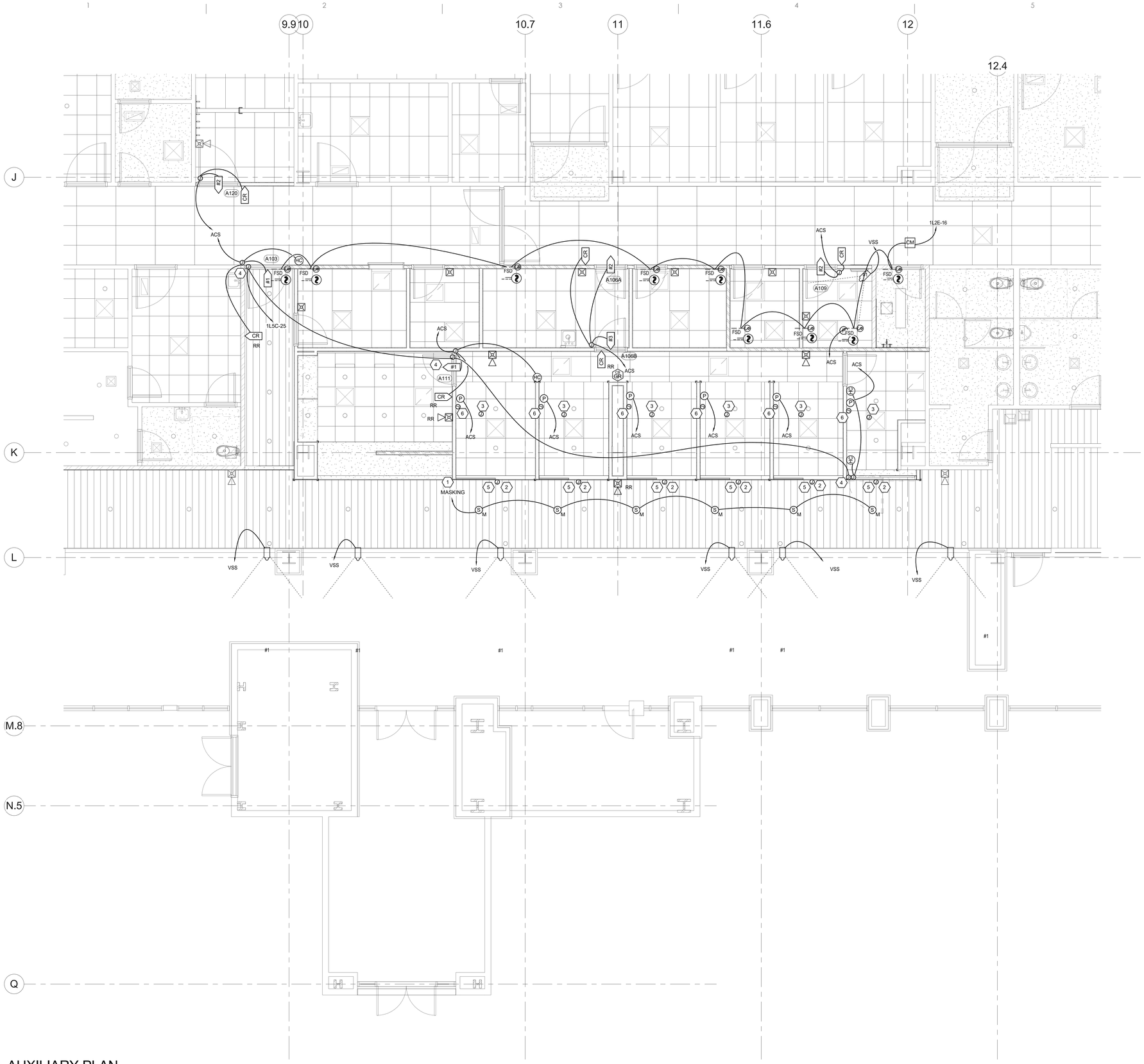

1 AUXILIARY PLAN
SCALE: 1/4" = 1'-0"

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GENERAL SHEET NOTES

SHEET KEYNOTES

1 PROVIDE SOUND MASKING GENERATOR AND OTHER HEADEND EQUIPMENT IN THE TDR. CONNECT SPEAKERS BACK TO HEADEND EQUIPMENT.

2 PROVIDE MICROFRAME 900 SERIES, VISUAL PAGING, TWO DIGIT NUMBER DISPLAY WITH KEYPAD. MOUNT NUMBER DISPLAY CENTERED OVER THE REGISTRATION BAY. PROVIDE A SINGLE GANG BOX LOCATED BEHIND THE NUMBER DISPLAY FOR WIRING. RUN 18AWG TWISTED PAIR FROM THE NUMBER DISPLAY TO THE KEYPAD LOCATED AT THE REGISTRATION BAY DESK. 08

3 PROVIDE MICROFRAME 900 SERIES VISUAL PAGING KEYPAD WITH POWER ADAPTER. PROVIDE A SINGLE GANG JUNCTION BOX WITH GROMMET FACEPLATE TO CONCEAL WIRING IN THE WALL. CONNECT TO NUMBER DISPLAY USING 18AWG TWISTED PAIR. LEAVE AN ADEQUATE AMOUNT OF WIRING BELOW DESK TO ALLOW FOR THE HEIGHT ADJUSTABLE DESKS.

4 PROVIDE 120V CIRCUIT FOR AUTOMATIC DOORS.

5 INCLUDE AS ADD ALTERNATE #3: REPLACE MICROFRAM 900 SERIES VISUAL PAGING DISPLAY WITH CORNELL L-101 ONE-LAMP CORRIDOR LIGHT, CENTERED OVER REGISTRATION BAY. CONNECT TO PUSHBUTTON LOCATED IN THE REGISTRATION BAY. PROVIDE ALL REQUIRED PARTS AND WIRING, INCLUDING 24V POWER SUPPLY.

6 INCLUDE AS ADD ALTERNATE #3: REPLACE MICROFRAM 900 SERIES VISUAL PAGING KEYPAD WITH CORNELL S-131AS ONE PUSH BUTTON STATUS SWITCH. CONNECT TO CORRIDOR LIGHT OUTSIDE OF REGISTATION BAY. PROVIDE ALL REQUIRED PARTS AND WIRING, INCLUDING 24V POWER SUPPLY.

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AUXILIARY PLAN

EY101

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VSS CAMERA SCHEDULE

TYPE	INTERIOR (INT)/ EXTERIOR (EXT)	DESCRIPTION	AXIS MODEL #
1	INT	FIXED DOME, VARIFOCAL, CEILING MOUNT	P3354
2	INT	FIXED DOME, VARIFOCAL, WALL MOUNT	P3354
3	EXT	FIXED DOME, VARIFOCAL, WALL MOUNT	Q3505-VE
4	INT/EXT	FIXED DOME, CEILING MOUNT (360°)	P3707-PE
5	INT/EXT	FIXED DOME, CEILING MOUNT (180°)	Q3708-PVE

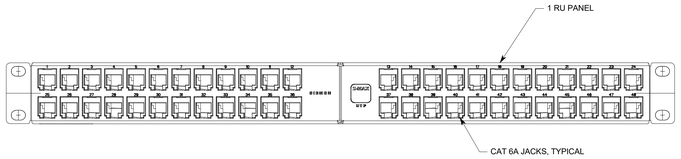
VSS CAMERA/ENCLOSURE ROUGH-IN SCHEDULE

DESCRIPTION	INCLUDES
INTERIOR CAMERA - FIXED DOME (CEILING MOUNTED)	* JUNCTION BOX ABOVE ACCESSIBLE CEILING WITH 1" CONDUIT TO VSS
INTERIOR CAMERA - FIXED DOME (WALL MOUNTED)	* JUNCTION BOX AT +90" ABOVE FINISHED FLOOR, WITH 1" CONDUIT BACK TO VSS
EXTERIOR CAMERA - FIXED DOME (WALL MOUNTED)	* JUNCTION BOX AT +120" ABOVE FINISHED FLOOR, WITH 1" CONDUIT BACK TO VSS

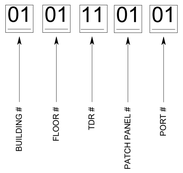
SECURITY EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION	MOUNTING *	ROUGH-IN	QTY	ACCEPTABLE TYPES
CR	CARD READER	40"	4SQ W/ 1G RING	OFP	SEE SECTION 281300
CRF	CARD READER FOR FRIDGE AND/OR FREEZER	40"	4SQ W/ 1G RING	OFP	PROVIDE HID READER WITH HES 660 SERIES LOCKSET
#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
CI	DOOR MONITOR - CONTACT INDICATOR SWITCH	SEE SCHEDULE	SEE SCHEDULE	OFP	SEE SECTION 281300
AH	APERIO HUB (IP)	CEILING	1G BOX	OFP	PROVIDE APERIO HUB MODEL AH-40-IN2-NNNN
CR	WIRELESS READER AND LOCKSET FOR MED CABINET	ON CABINET	PER MANUF.	OFP	PROVIDE HES K100 WIRELESS READER/LOCKSET
I	IP INTERCOM WALL STATION	54"	3-GANG VERTICAL BOX	OFP	PROVIDE AXIS A8004-VE NETWORK VIDEO DOOR STATION
	VSS CAMERA/ENCLOSURE TYPE, TYPICAL. REFER TO VSS CAMERA/ENCLOSURE TYPE SCHEDULE.	SEE SCHEDULE	SEE SCHEDULE	OFP	SEE VSS CAMERA/ENCLOSURE TYPE SCHEDULE
P	DURESS BUTTON	UNDER COUNTER J-BOX - 18"	4SQ W/ 1G RING	OFP	SEE SECTION 281600
ACS	CARD ACCESS CONTROLLERS & PWR SUPPLIES	72"	4"x4" GUTTER & STUBS A/R	A/R	SEE SECTION 281300
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSER "TVSS"	AS NOTED	A/R	A/R	
VSS	VIDEO SURVEILLANCE SYSTEM	RACK MOUNTED			COORDINATE WITH OWNER

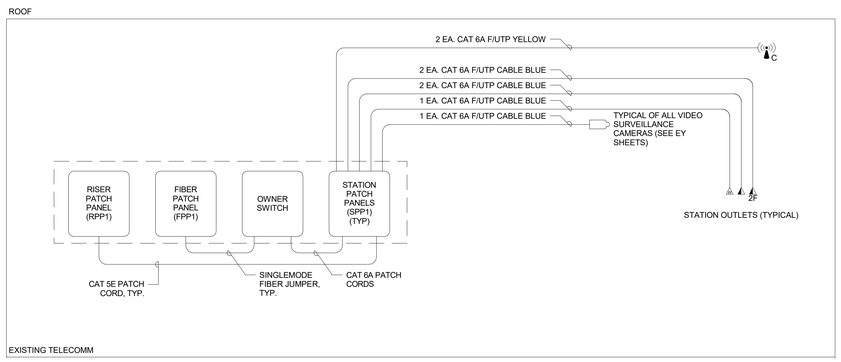
* COORDINATE MOUNTING HEIGHTS WITH ARCHITECTURAL ELEVATIONS BEFORE INSTALLATION.



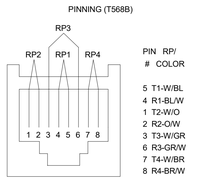
6 STATION PATCH PANEL, (SPP1), TDR
NO SCALE



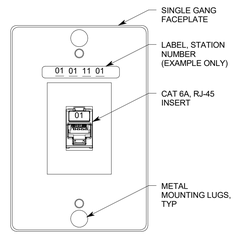
7 CABLE ID EXAMPLE DETAIL
NO SCALE



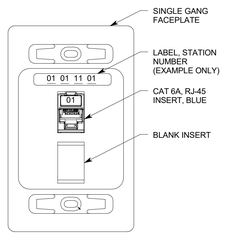
1 TELECOM CABLE RISER DIAGRAM
NO SCALE



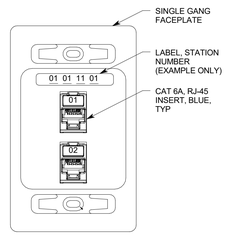
4 TYPICAL VOICE-DATA OUTLET PINNING DETAIL
NO SCALE



5 TYPICAL WALL PHONE OUTLET
NO SCALE



2 TYPICAL 1-PORT DATA OUTLET
NO SCALE



3 TYPICAL 2-PORT DATA OUTLET
NO SCALE

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02/07/2019

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
CM	SOUND MASKING SYSTEM CONTROL MODULE WITH 6 ZONES, MOUNTED AT +72" AFF	1	CAMBRIDGE SOUND QT600
S X	MASKING SPEAKER/EMITTER W/CORRECT BRACKET FOR CEILING TYPE	OFP	CAMBRIDGE QT EMITTER E-A-W-X W/ BRACKET FOR CEILING TYPE, X=CABLE LENGTH
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR, 20 AMP WALL MOUNTED, ABOVE CONTROL MODULE	OFP	SURGEX SX1120RT
	J-HOOKS, SEE DETAIL 2/TM001	A/R	CADDY HILTI
	DATA CABLE CATEGORY 6, PLENUM RATED	A/R	CAMBRIDGE SOUND MANAGEMENT CATEGORY 3 CABLE BELDEN 2400 SERIES

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

SOUND MASKING CABLE INSTALLATION REQUIREMENTS SCHEDULE

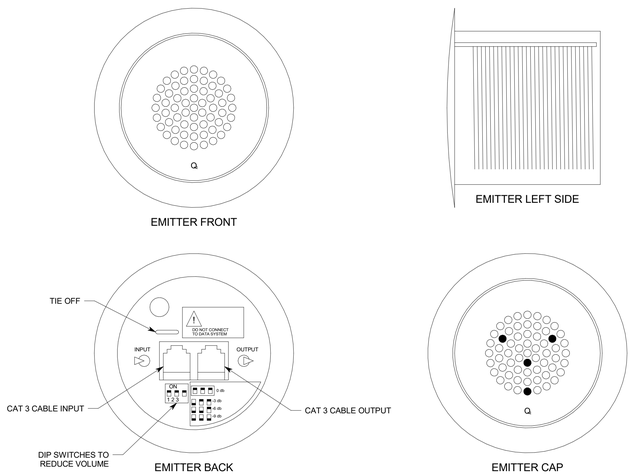
ORIGIN	DESTINATION	CABLE TYPE	QUANTITY	SPECIAL INSTRUCTIONS
CM	S 1,2	D	1	CIRCUIT TO ALL SPEAKERS, SEE RISER THIS SHEET AND FLOOR PLANS

SPECIAL PROJECT NOTES

1. THE SOUND MASKING SYSTEM EQUIPMENT LIST IDENTIFIES EQUIPMENT ITEMS OF SIGNIFICANCE BY MANUFACTURER AND MODEL NUMBER. THE SOLE PURPOSE FOR THIS IS TO ESTABLISH LEVELS OF QUALITY AND INDIVIDUAL COMPONENT CAPABILITY FOR ALL EQUIPMENT ITEMS. IT IS NOT THE INTENT OF THE AUDIO AND VIDEO SYSTEM EQUIPMENT LIST TO PRECLUDE THE INSTALLATION OF EQUIPMENT ITEMS FABRICATED BY MANUFACTURERS OTHER THAN THOSE LISTED, SO FAR AS THEY ARE JUDGED TO BE EQUAL TO THOSE EQUIPMENT ITEMS IDENTIFIED IN THE LIST. IF BIDDERS WISH TO FURNISH AND INSTALL ITEMS OTHER THAN THOSE IDENTIFIED IN THE AUDIO AND VIDEO SYSTEM EQUIPMENT LIST APPROVAL MUST BE OBTAINED DURING THE BIDDING PROCESS. TO THIS END, A SUBSTITUTION REQUEST PROCESS HAS BEEN IDENTIFIED IN THE SPECIFICATIONS FOR OBTAINING APPROVAL TO FURNISH AND INSTALL APPROVED EQUAL EQUIPMENT ITEMS. THE SPECIFICATIONS AND COMPONENT CAPABILITY OF ALL PROPOSED EQUAL EQUIPMENT ITEMS THAT ARE SUBMITTED IN FULL COMPLIANCE WITH THE SUBSTITUTION PROCESS WILL BE STRICTLY EVALUATED DURING THE BIDDING PROCESS.

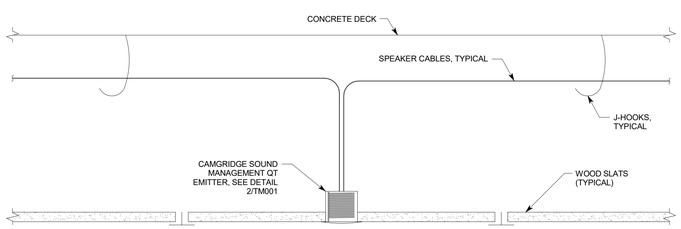
SOUND MASKING NOTES

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.
3. INSTALL SPEAKERS SO THEY ARE NOT TOUCHING OR RESTING ON OTHER DEVICES ABOVE THE CEILING, INCLUDING, BUT NOT LIMITED TO, DUCTWORK, LIGHTING, CEILING SUSPENSION SYSTEM, ETC.
4. CUSTOM CABLES MUST FOLLOW MANUFACTURER'S CUSTOM CABLE GUIDELINES.
5. DO NOT REVERSE EMITTER INPUT AND OUTPUT FOR ANY REASON.



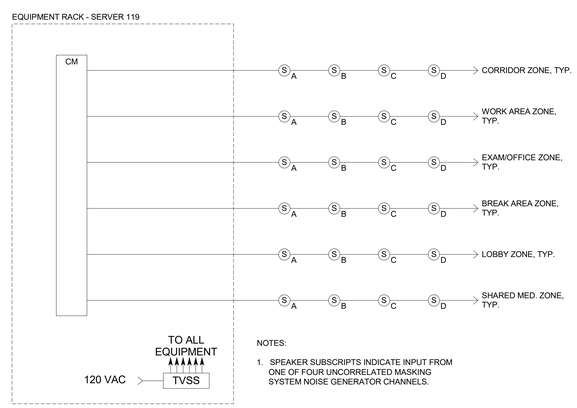
2 SOUND MASKING SPEAKER DETAIL (QT EMITTER)

NTS



1 SOUND MASKING SPEAKER INSTALLATION DETAIL

NTS



NOTES:

1. SPEAKER SUBSCRIPTS INDICATE INPUT FROM ONE OF FOUR UNCORRELATED MASKING SYSTEM NOISE GENERATOR CHANNELS.

3 SOUND MASKING SYSTEM RISER DIAGRAM

NTS

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SOUND MASKING DETAILS

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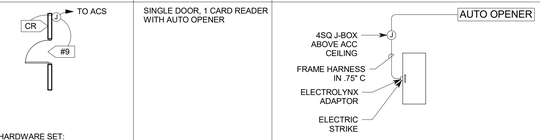
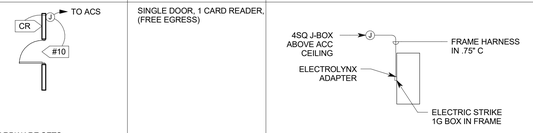
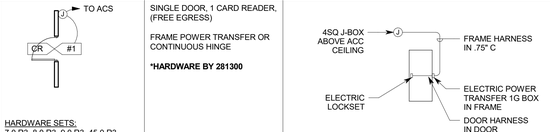
NOTES

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
AEL	=	ACCESS ELECTRIC LOCKSET
AED	=	ACCESS ELECTRIC EXIT DEVICE
FH	=	FRAME HARNESS
DH	=	DOOR HARNESS
EH	=	ELECTRIC HINGE
PB	=	PUSH BUTTON RELEASE
PP	=	PUSH PAD ACTUATOR
EDL	=	ELECTRIC DEADLATCH
EED	=	ELECTRIC EXIT DEVICE

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	 HARDWARE SET: 41.0	SINGLE DOOR, 1 CARD READER WITH AUTO OPENER			ELECTRIC STRIKE WITH AUTO OPENER	SECURITY CONTRACTOR PROVIDES: • CR, L/PS, FH, LA HARDWARE CONTRACTOR PROVIDES: • ES, ADA LOCK CONTROLLED BY: • CR
TYPE 2	 HARDWARE SETS: 2.0, 12.0	SINGLE DOOR, 1 CARD READER, (FREE EGRESS)			ELECTRIC STRIKE WITH LOCKSET	SECURITY CONTRACTOR PROVIDES: • CR, L/PS, FH, LA HARDWARE CONTRACTOR PROVIDES: • ES LOCK CONTROLLED BY: • CR
TYPE 3	 HARDWARE SETS: 7.0 R3, 8.0 R3, 9.0 R3, 45.0 R3, 46.0 R3, 47.0 R3, 48.0 R3, 50.0 R3	SINGLE DOOR, 1 CARD READER, (FREE EGRESS) FRAME POWER TRANSFER OR CONTINUOUS HINGE ***HARDWARE BY 281300**			ACCESS ELECTRIC LOCKSET	SECURITY CONTRACTOR PROVIDES: • AEL, FH, DH, L/PS HARDWARE CONTRACTOR PROVIDES: • EPT (EH) LOCK CONTROLLED BY: • CR

NJRA ARCHITECTS

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