

Intermountain Health

Layton Hospital

Pathology and Locker Room Remodel

201 W Layton Parkway

Layton, Utah 84041

Construction Documents



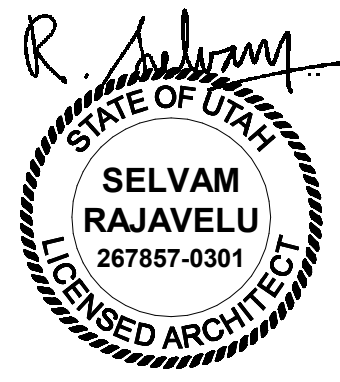
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NJRA Project # 25224.00

Construction Documents Oct. 15, 2025

Cover Sheet

G001



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 THROUGHOUT 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.1.3.1.5 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.

INFECTION CONTROL RISK ASSESSMENT

CONSTRUCTION ACTIVITY TYPE

Type C:  
Large-scale, longer duration activities that create a moderate amount of dust and debris.

- includes, but not limited to:
  - Removal of preexisting floor covering, walls, casework or other building components.
  - New drywall placement.
  - Renovation work in a single room.
  - The removal of drywall where a moderate amount of dust and debris is created.

INFECTION CONTROL RISK GROUP

- High:
  - Laboratory

CONSTRUCTION CLASS

Construction Activity Type:

IC Risk Group	Type A	Type B	Type C	Type D
Lowest	Class I	Class II	Class III	Class IV
Medium	Class I	Class II	Class III	Class IV
High	Class I	Class II	Class III	Class IV
Highest	Class II	Class IV	Class IV	Class IV

INFECTION CONTROL PROTOCOLS

During Construction (Class IV):

- Perform work using methods to minimize raising dust or tracking dust into other areas.
- Immediately replace ceiling tile upon completion of inspection.
- Use active dust control measures.
- Use water mist to control dust while cutting.
- Seal doors, ducts, vents and HVAC units.
- Place dust control mats at entries to work area; keep them clean and effective.
- Remove debris only in tightly covered containers.
- Construct barriers to prevent dust and other contaminant migration prior to beginning work.
- Maintain negative air pressure in work space using HEPA filtration units.
- Seal all pipes, conduits and penetrations.
- 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.
- All personnel wear shoe covers while in the work area and remove them before entering the hospital.

Upon Completion (Class IV):

- Clean work area.
- Wipe all horizontal surfaces with disinfectant.
- Remove final debris only in tightly covered containers.
- Vacuum using HEPA filtered vacuum; mop with disinfectant as appropriate.
- Remove oil seeds from doors, ducts, vents and HVAC units.
- Remove construction barriers in a manner that minimizes the spread of dust and debris.

PROJECT DESCRIPTION

THIS PROJECT INCLUDES THE FOLLOWING SCOPE OF WORK:

- A. EXPANDING THE EXISTING PATHOLOGY LAB ON LEVEL 2 INTO THE EXISTING MEN'S LOCKER ROOM TO ACCOMMODATE A NEW VENTED GROSSING TABLE.
- B. EXPANDING THE MEN'S LOCKER ROOM INTO THE EXISTING BODY HOLDING ROOM.
- C. NEW FINISHES AND CASEWORK IN BOTH AREAS.

APPROVALS

Approvers Name, Title \_\_\_\_\_ Date \_\_\_\_\_

Approvers Name, Title \_\_\_\_\_ Date \_\_\_\_\_

Approvers Name, Title \_\_\_\_\_ Date \_\_\_\_\_

Approvers Name, Title \_\_\_\_\_ Date \_\_\_\_\_

VICINITY MAP



ABBREVIATIONS

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

THE CONTRACTOR SHALL SUBMIT THE FOLLOWING TO THE BUILDING OFFICIAL FOR REVIEW WITH AN ACCOMPANYING LETTER FROM THE ARCHITECT STATING THAT THE CONTENTS OF THE SUBMITTAL ARE IN CONFORMANCE WITH THE DESIGN. WORK RELATED TO THE DEFERRED SUBMITTAL IS NOT TO COMMENCE UNTIL THE BUILDING OFFICIAL HAS APPROVED THE SUBMITTAL.

1. DETAILS AND ENGINEERING CALCULATIONS FOR ALL NONSTRUCTURAL COMPONENTS THAT ARE PERMANENTLY ATTACHED TO STRUCTURES AND THEIR SUPPORTS AND ATTACHMENTS. THESE SHALL BE DESIGNED AND CONSTRUCTED TO RESIST THE EFFECTS OF EARTHQUAKE MOTIONS IN ACCORDANCE WITH ASCE 7-05. REFERENCE IBC SECTION 1613.1. THIS INCLUDES:
  - ELECTRICAL SYSTEMS
  - MECHANICAL SYSTEMS
  - PLUMBING SYSTEMS
  - DECORATIVE ARCHITECTURAL COMPONENTS.
2. DETAILS AND ENGINEERING CALCULATIONS FOR THE FIRE SPRINKLER AND FIRE DETECTION SYSTEMS, WHICH ARE TO BE DESIGN-BUILD BY THE CONTRACTOR TO COMPLY WITH NFPA 13 AND SHALL INCLUDE:
  - FIRE ALARM PLANS (INCLUDING CO DETECTOR LOCATIONS)
  - AUTOMATIC FIRE SPRINKLER PLANS
  - HOOD FIRE SUPPRESSION
  - CLASS "K" FIRE EXTINGUISHER LOCATION(S)

DRAWING INDEX

GENERAL

G001	Cover Sheet
G002	General Information
G003	General Information
G004	American National Standard Institute Requirements
G005	General Legend & Notes

G121	Code Compliance Plan Level 2 - Overall
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ARCHITECTURAL

A111	Phasing Plan Level 2 - Enlarged
A121	Demolition Floor Plan Level 2 - Enlarged
A122	Demolition Ceiling Plan Level 2 - Enlarged
A123	Floor Plan Level 2 - Enlarged
A124	Dimension Floor Plan Level 2 - Enlarged
A125	FF&E Plan Level 2 - Enlarged
A126	Reflected Ceiling Plan Level 2 - Enlarged
A127	Finish Plan Level 2 - Enlarged

A251	Interior Elevations
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A501A	Wall Types
A502A	Wall Details
A502B	Wall Details
A503A	Ceiling Details
A504A	Door & Window Details
A505A	Cabinet Legend & Details
A505B	Cabinet Details

A601A	Door & Finish Schedule
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MECHANICAL

M001	HVAC Title Sheet
M120	Mechanical Zoning Plan Level 2 - Enlarged
M123	Mechanical Plan Level 2 - Enlarged
M223	Mechanical Piping Plan Level 2 - Enlarged
M501	Mechanical Details & Schedules

PLUMBING

P001	Plumbing Title Sheet
P113	Plumbing Plan Level 1 - Enlarged
P123	Plumbing Plan Level 2 - Enlarged
P501	Plumbing Details & Schedules

ELECTRICAL

EE001	Electrical Cover Sheet
EE003	Telecom Schedules and Notes
EE004	Auxiliary Schedules and Notes
EE501	Electrical Details
EE701	Typical Mounting Details

ED101	Level 2 Ceiling Demolition Plan
EDP101	Level 2 Electrical Demolition Plan

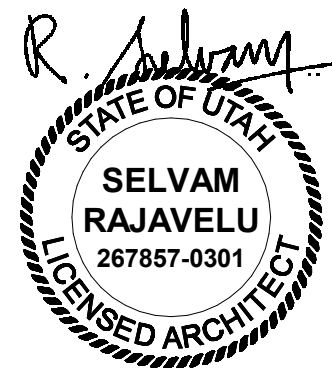
EP100	Level 2 Overall Power Plan
EP101	Level 2 Power Plan
EP551	Telecom Details
EP650	Telecom Conduit & Cable Riser Diagram

EL101	Level 2 Lighting Plan
EL601	Interior Lighting Fixture Schedule

EY101	Level 2 Auxiliary Plan
EY650	Auxiliary Details & Risers



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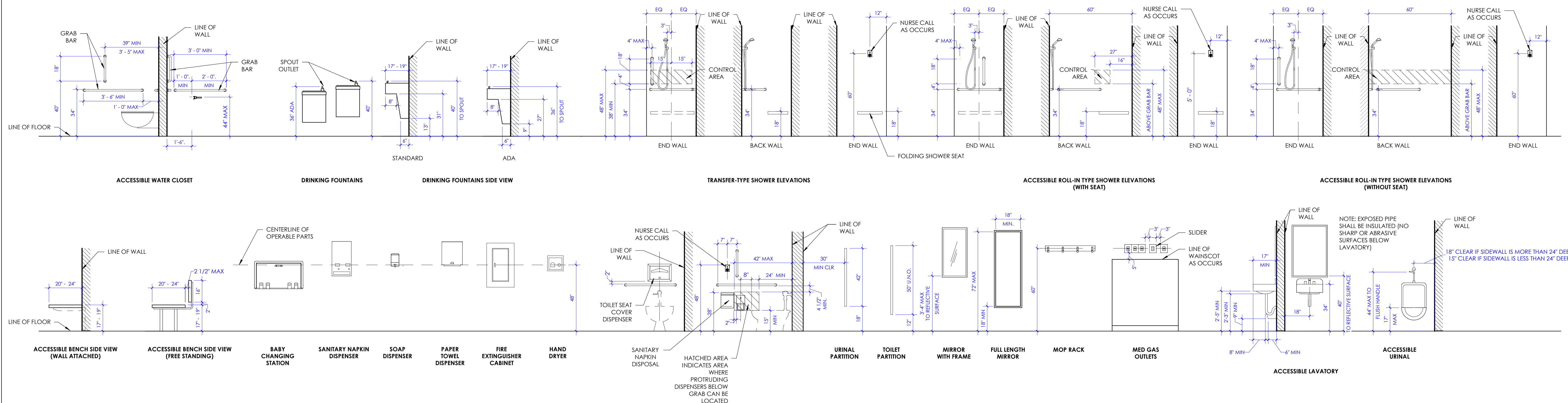
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NJRA Project # 25224.00  
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General  
Information

G002

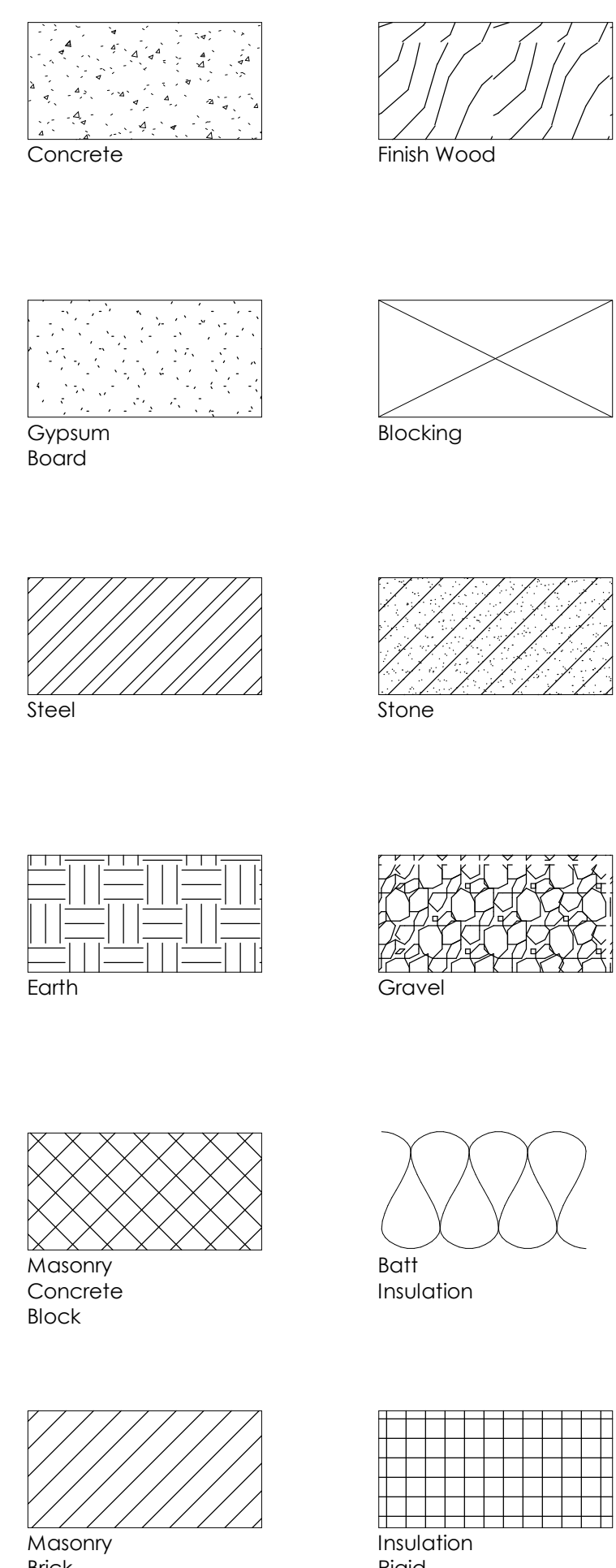




**1** Typical Mounting Heights  
SCALE: 3/8" = 1'-0"

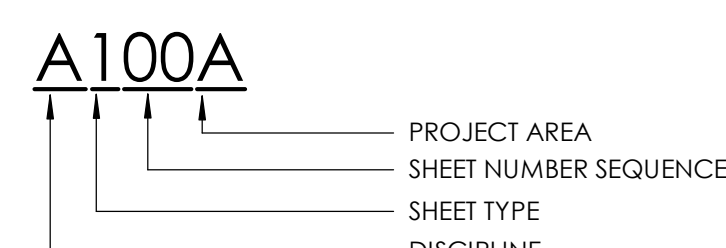
## LEGEND - MATERIALS

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

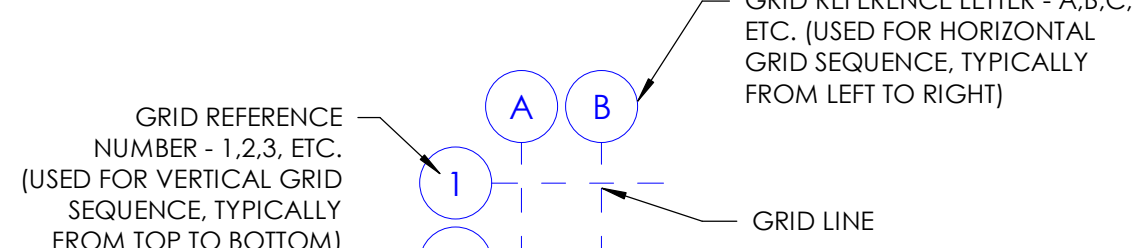


## GENERAL INFORMATION SYMBOLS & TAGS

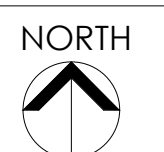
### SHEET NUMBERING SYSTEM



### GRID TAG

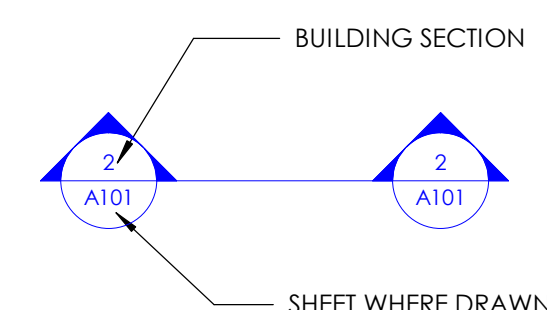


### NORTH ARROW



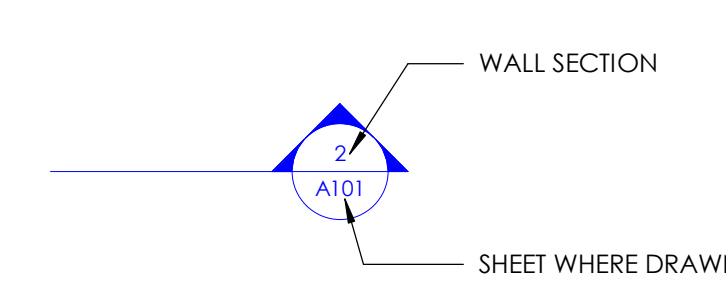
### BUILDING SECTIONS

SECTION TAGS ARE INDICATED ON OVERALL DIMENSION FLOOR PLANS



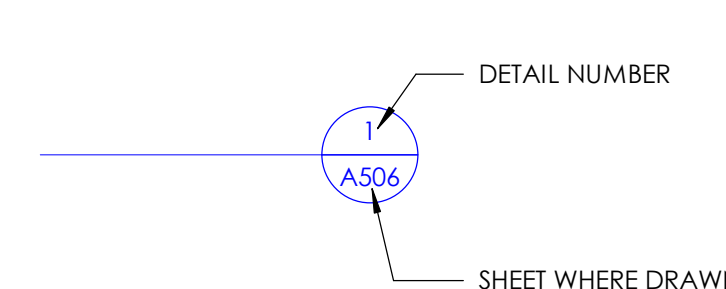
### WALL SECTIONS

SECTION TAGS ARE INDICATED ON DIMENSION FLOOR PLANS



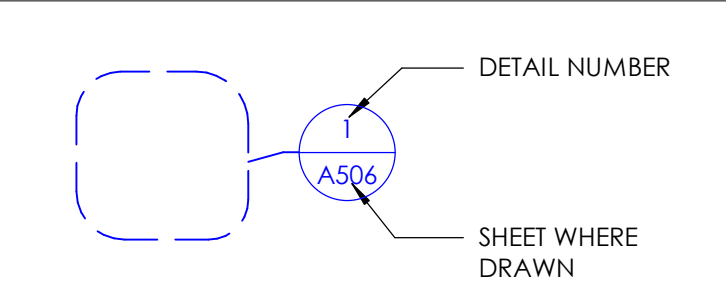
### DETAIL TAGS

SECTION TAGS ARE INDICATED ON DIMENSION FLOOR PLANS



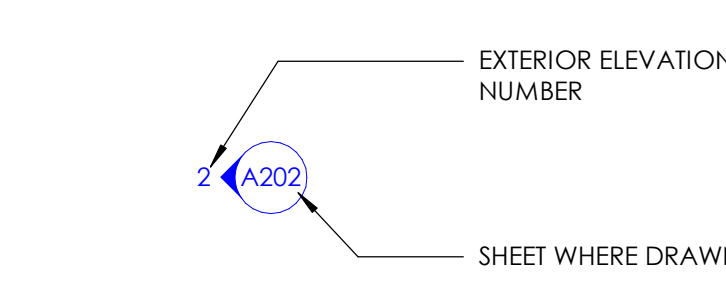
### DETAIL TAGS

SECTION TAGS ARE INDICATED ON DIMENSION FLOOR PLANS



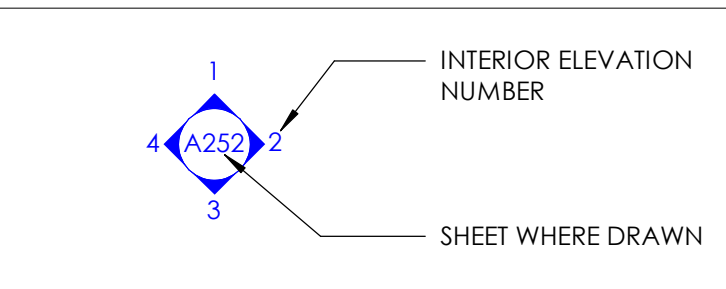
### EXTERIOR ELEVATION TAGS

TAGS ARE INDICATED ON OVERALL DIMENSION FLOOR PLANS AND KEY PLAN

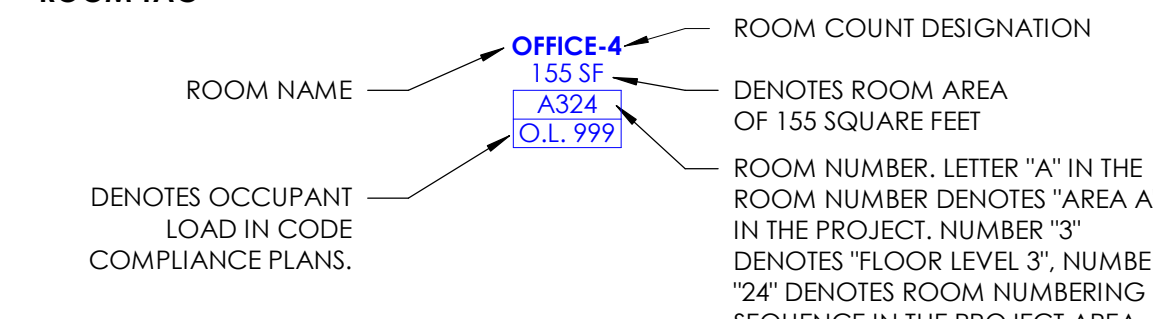


### INTERIOR ELEVATION TAGS

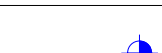
TAGS ARE INDICATED ON FINISH FLOOR PLANS



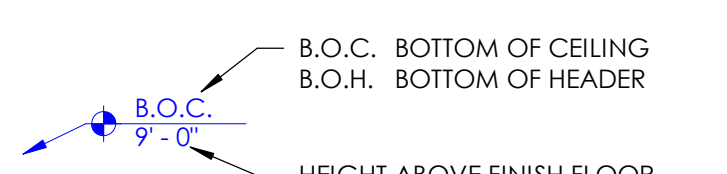
### ROOM TAG



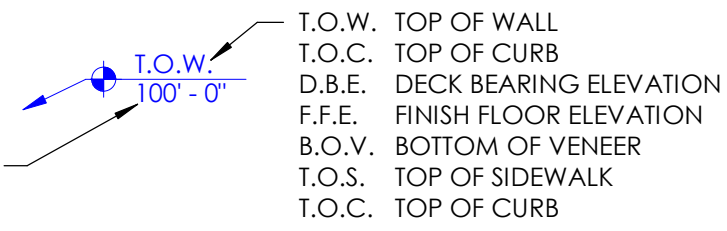
### DATUM POINT TAG



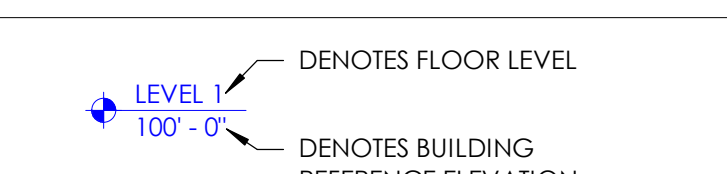
### CEILING HEIGHT TAG



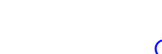
### SPOT ELEVATION



### VERTICAL ELEVATION



### CENTER LINE

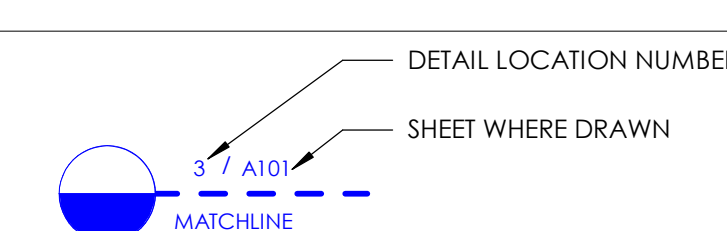


### FLOW ARROW

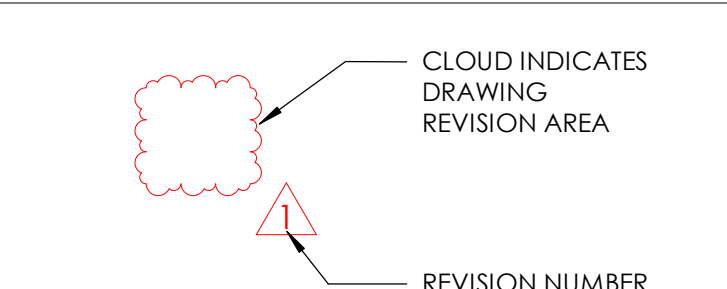
WATER DRAINAGE DIRECTION SHOWN ON SITE AND ROOF PLANS FROM HIGH TO LOW POINT.



### FLOOR PLAN MATCHLINE



### REVISION TAG



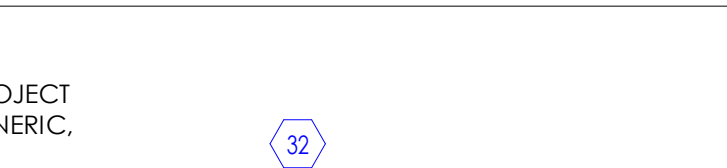
### KEYED NOTES - PROJECT SPECIFIC

KEYED NOTES THAT ARE PROJECT SPECIFIC AS INDICATED ON PLANS, SECTIONS AND ELEVATIONS



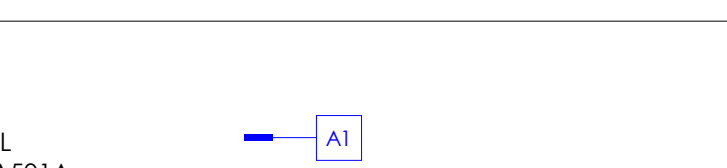
### KEYED NOTES - GENERIC

KEYED NOTES THAT ARE NOT PROJECT SPECIFIC AS INDICATED ON GENERIC, TYPICAL DETAILS.



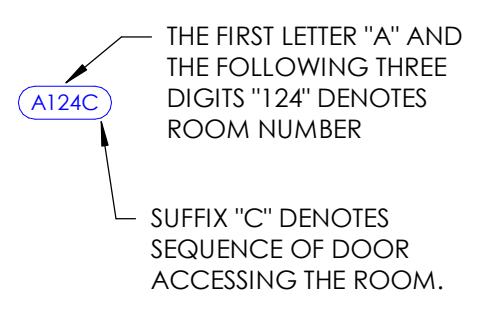
### WALL TAG

WALL TAGS ARE INDICATED ON DIMENSION FLOOR PLANS. WALL TYPES ARE INDICATED IN SHEET A501A.



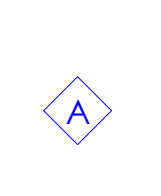
### DOOR TAG

DOOR TAGS ARE INDICATED ON DIMENSION FLOOR PLANS



### WINDOW TAG

WINDOWS TAGS ARE INDICATED ON DIMENSION FLOOR PLANS



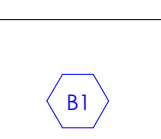
### FLOOR FINISH TAG

TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A, FOR FLOOR COVERING AND FINISHES REQUIRED.



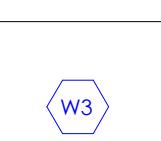
### WALL BASE TAG

TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A, FOR WALL BASE TYPE.



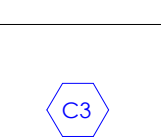
### WALL FINISH TAG

TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A, FOR WALL FINISHES REQUIRED.



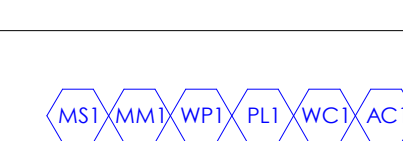
### CEILING FINISH TAG

TAGS ARE INDICATED ON REFLECTED CEILING PLAN. SEE FINISH SCHEDULE, SHEET A603A, FOR CEILING FINISHES REQUIRED.



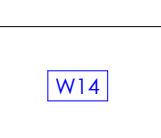
### OTHER FINISH TAG

TAGS ARE INDICATED ON FINISH FLOOR PLAN & INTERIOR ELEVATIONS. SEE FINISH SCHEDULE, SHEET A603A, FOR FINISHES REQUIRED.



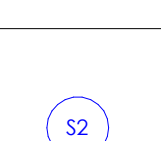
### CABINET TAG

CABINET TYPES ARE INDICATED ON INTERIOR ELEVATIONS & CABINET LEGEND, SHEET A505A.



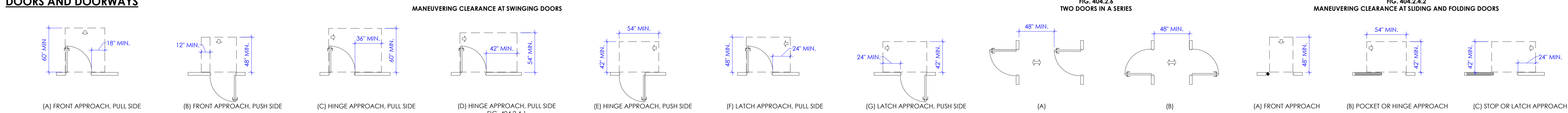
### SIGN TAG

TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE SIGN TYPE DETAIL -/...

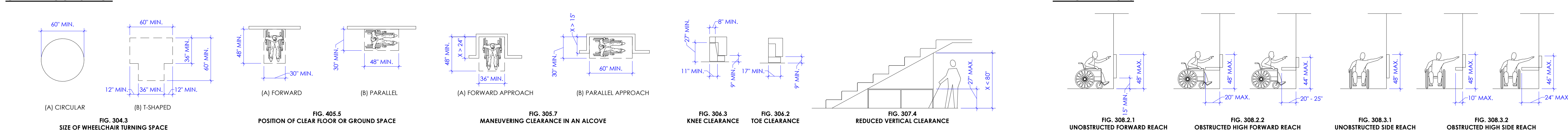




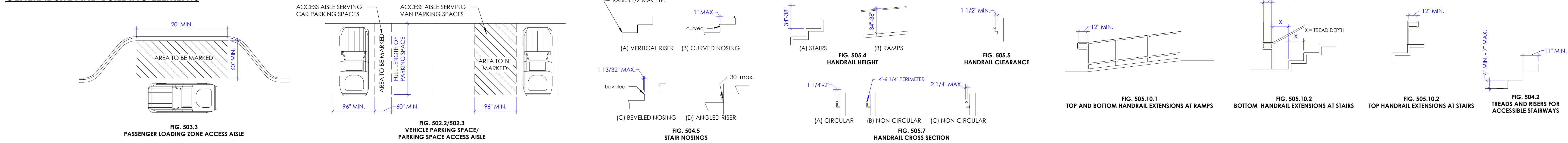
## DOORS AND DOORWAYS



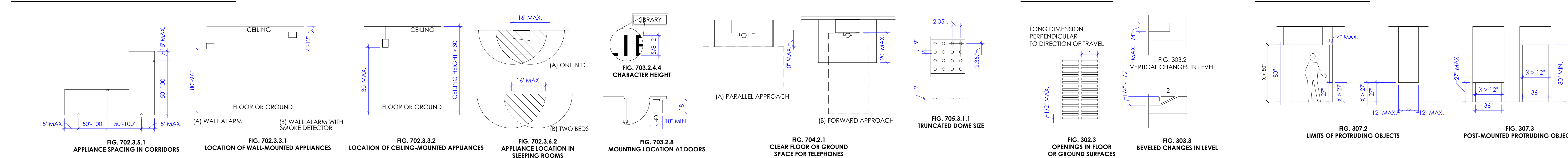
## CLEAR FLOOR SPACE



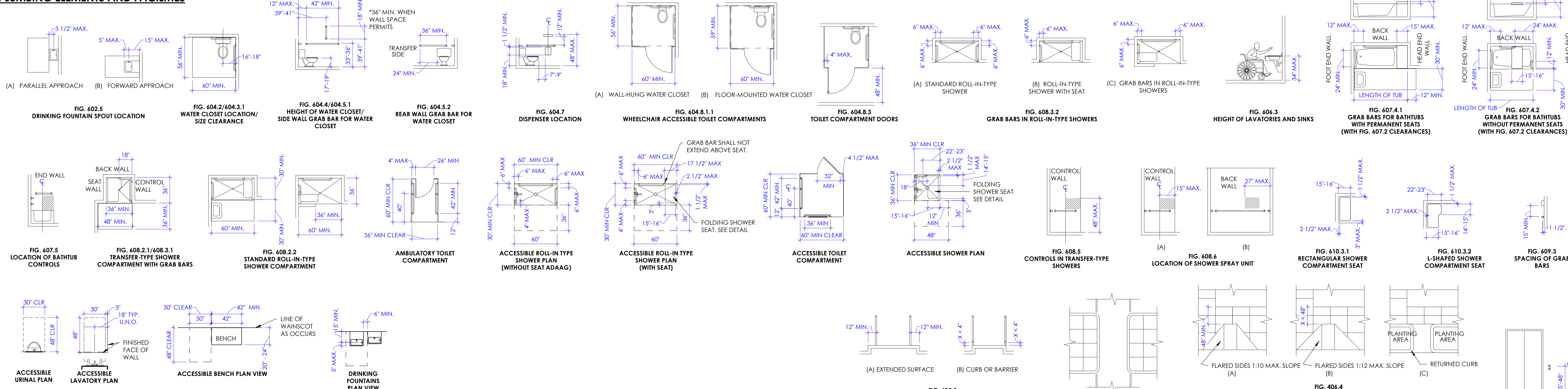
## GENERAL SITE AND BUILDING ELEMENTS



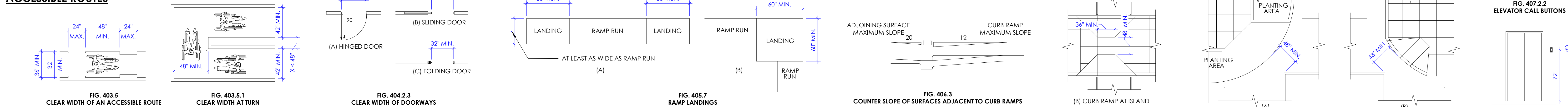
## COMMUNICATION ELEMENTS AND FEATURES



## PLUMBING ELEMENTS AND FACILITIES



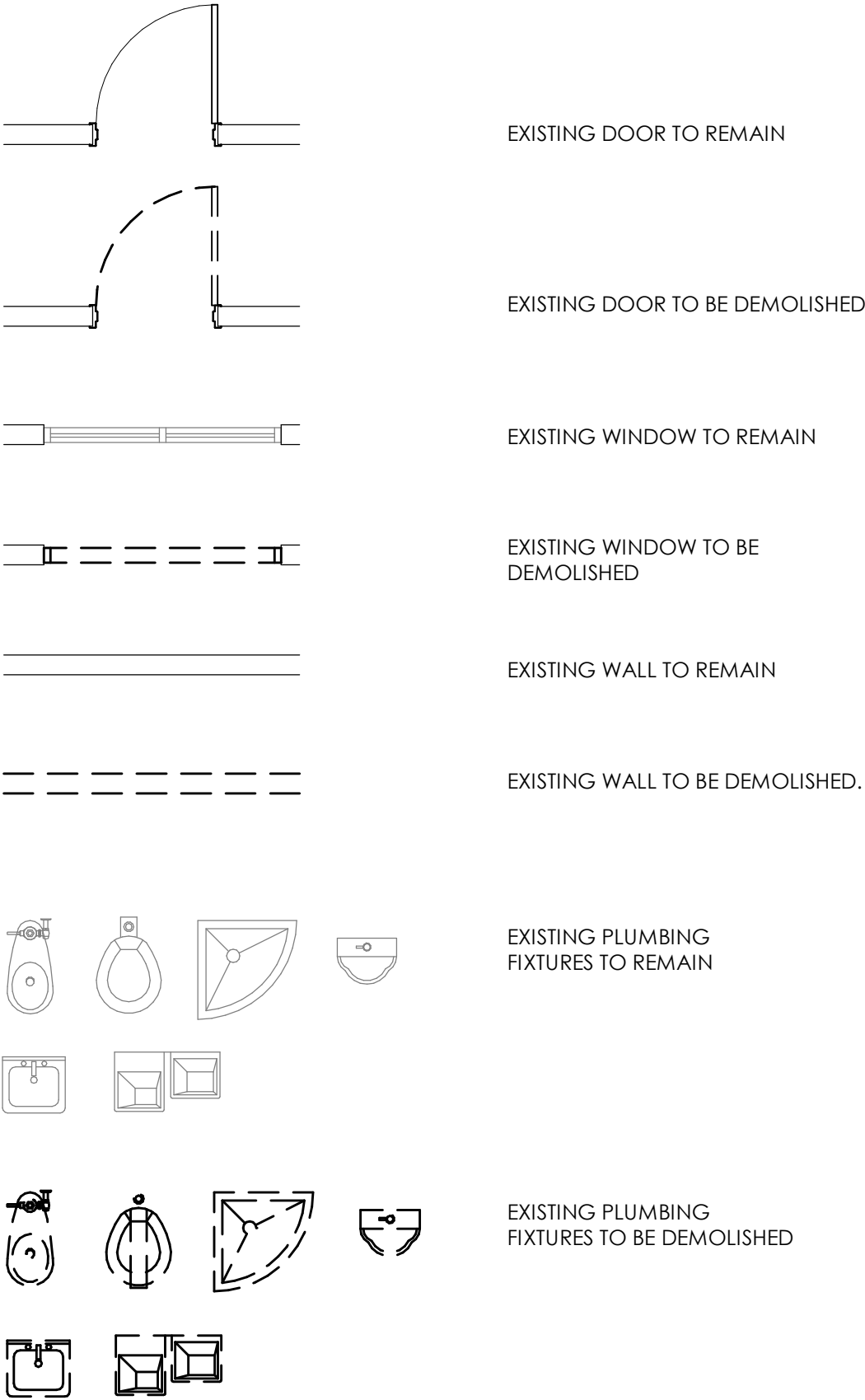
## ACCESSIBLE ROUTES





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.

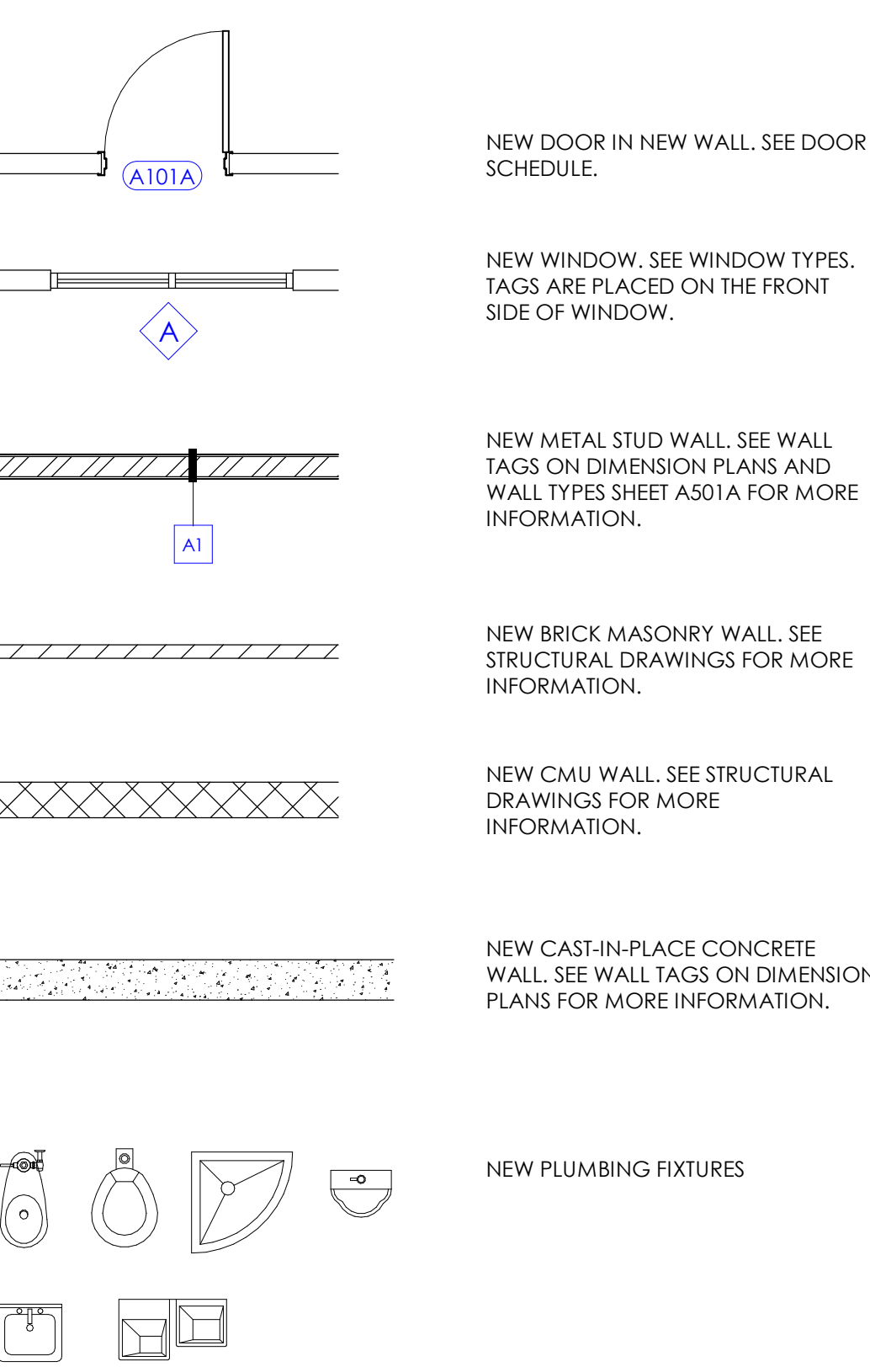


GENERAL NOTES - DEMOLITION FLOOR PLAN

- 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.

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.



GENERAL NOTES - FLOOR & DIM. PLANS

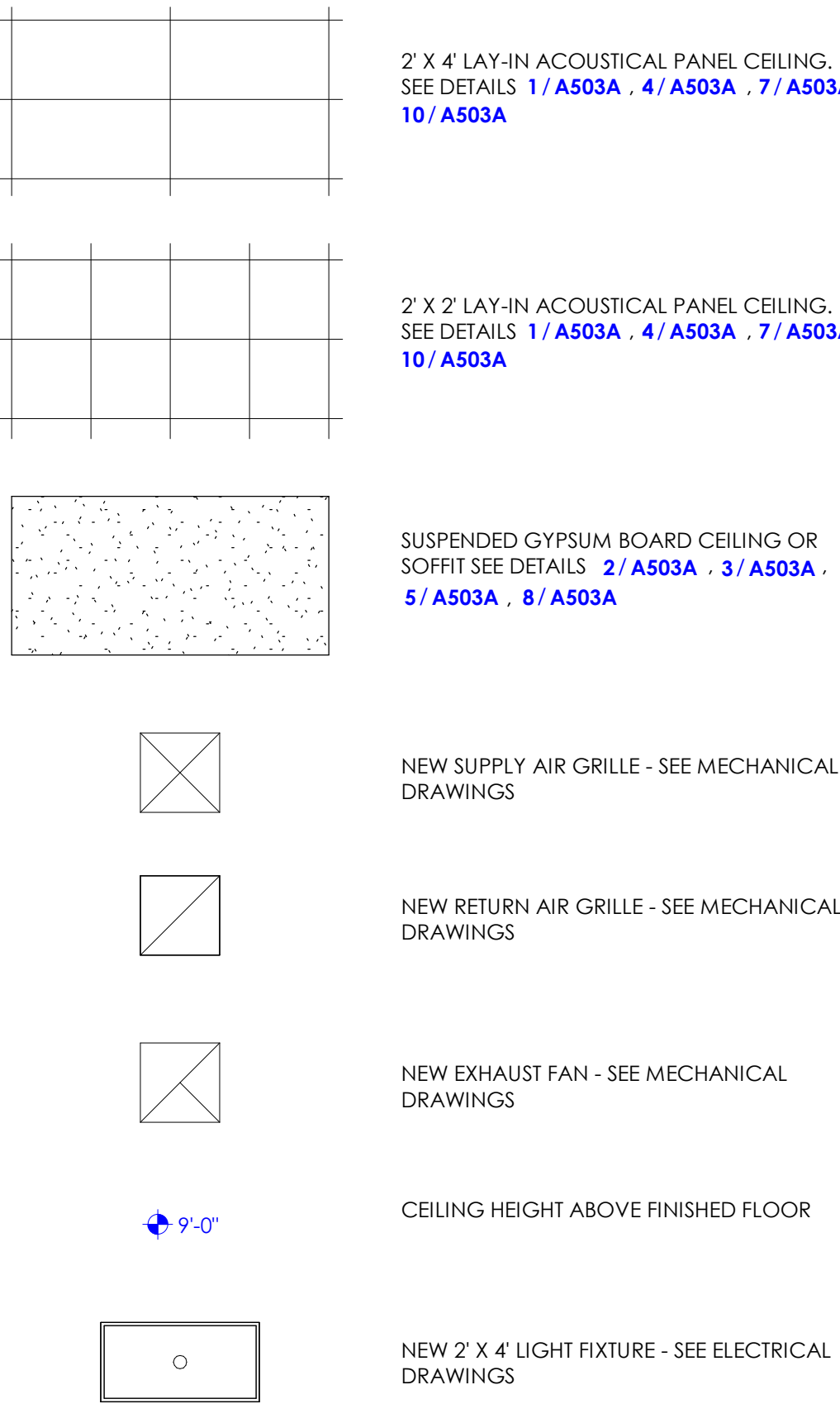
- A. REFER TO THE CODE COMPLIANCE PLANS FOR INDICATION OF FIRE RATED WALLS.
- B. AT LOCATIONS WITHOUT CEILINGS (ROOM IS OPEN TO STRUCTURE ABOVE), EXTEND ALL WALLS, SOFFITS, AND HEADERS (INCLUDING ALL STUD FRAMING, GYPSUM BOARD, INSULATION & CMU, WHERE APPLICABLE) TO THE METAL ROOF DECK ABOVE.
- C. WHEN 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 ACCOMMODATE 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 MANUFACTURER'S 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 - DOOR SCHEDULE

- 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 SCHEDULE 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 FOR 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 TRADERS INVOLVED.
- G. COORDINATE DOORS & GATES OUTSIDE BUILDING WITH SITE PLAN.

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.



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 MOVIE 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 CEILING WHERE OVERSIZE DUCTS OCCUR SEE DETAIL 1/1 A5054A .
- 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 FIRE FINISHED ITEMS.

GENERAL NOTES - WALL SECTIONS

- A. ALL EXTERIOR WALL FINISHES ARE TO BE 6" ABOVE FINISH GRADE, TYPICAL.
- B. SEE WINDOW SCHEDULE FOR WINDOW OPENINGS AND SILL HEIGHT (UNLESS NOTED ON THE EXTERIOR ELEVATIONS). SEE DOOR SCHEDULE FOR DOOR OPENING SIZES.
- C. ALL FINISHES TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS AND PER SPECIFICATION SECTION IN THE PROJECT MANUAL.
- D. SEE FINISH FLOOR PLANS FOR AREAS WHERE HONED CMU BLOCKS ARE INDICATED. AT THESE AREAS, THE CONTRACTOR HAS THE OPTION OF USING REGULAR BLOCK IN CONCEALED AREAS AND CEILING SPACES THAT ARE NOT VISIBLE.
- E. SPACING BETWEEN STRUCTURAL MEMBERS SHALL FOLLOW INDICATIONS GIVEN ON STRUCTURAL PLANS (TYPICAL).
- F. FIRE PROTECTION ON ASSEMBLIES, ELEMENTS AND MEMBERS SHALL COMPLY WITH ALL THE CODE REQUIREMENTS, TYPICAL. REFER TO CODE COMPLIANCE PLANS.
- G. WOOD MATERIAL UNDER TYPE IIB CONSTRUCTION SHALL BE FIRE-RETARDANT, PRESSURE-TREATED, TYPICAL, U.N.O.
- H. ALL INTERIOR WALLS SHALL BE BUILT FOLLOWING WALL TYPE DETAILS, TYPICAL.
- I. IN ROOMS/AREAS WHERE HONED, SCORED OR COLORED CMU BLOCKS ARE INDICATED FOR WALLS IN THE FINISH SCHEDULE, CONTRACTOR HAS THE OPTION OF USING REGULAR (LESS EXPENSIVE NATURAL GRAY COLOR) BLOCKS IN CONCEALED AREAS AND CEILING SPACES THAT ARE NOT VISIBLE. THIS DOES NOT APPLY TO AREAS THAT CAN CHANGE OVER THE LIFE OF THE BUILDING SUCH AS WALL LOCATED BEHIND CABINETS, ARTWORK, WHITE BOARD, TACK BOARD, ETC. WHEN OTHER BLOCKS ARE SUBSTITUTED, THE STRUCTURAL INTEGRITY OF THE BLOCK SHALL REMAIN THE SAME AS BLOCK INDICATED IN STRUCTURAL DRAWINGS AND SPECIFICATION SECTION IN THE PROJECT MANUAL.
- J. AT INTERIOR MASONRY WALL OUTSIDE CORNERS, PROVIDE BULL NOSE BLOCK.
- K. CORE DRILLING WALLS AND SLABS: CONTRACTOR SHALL USE GROUND PENETRATING RADAR OR OTHER APPROVED METHOD TO SCAN CONCRETE OVER METAL DECK. CONCRETE SUSPENDED SLABS, MASONRY WALLS, AND CONCRETE WALLS TO LOCATE REBAR PRIOR TO CORE DRILLING ANY HOLES. HOLES SHALL BE LOCATED TO AVOID REBAR DETECTED. ALL OPENINGS AND GROUPS OF OPENINGS SHALL BE REINFORCED AS SHOWN ON THE STRUCTURAL DRAWINGS. OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER PRIOR TO DRILLING.

GENERAL NOTES

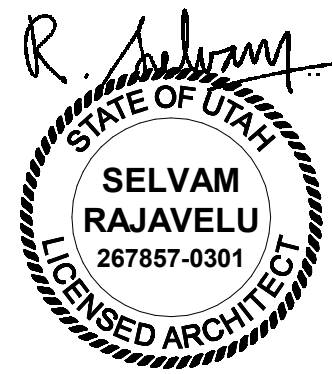
- A. STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS (IF PRESENT) ARE SUPPLEMENTAL TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF MECHANICAL OR ELECTRICAL CONSTRUCTION. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND CONSULTING ENGINEERS' DRAWINGS SHALL BE BROUGHT TO THE ARCHITECTS 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 A CONFLICT EXISTS, THE MORE STRINGENT SHALL APPLY. COMPLY WITH REQUIREMENTS OF THE ADOPTED EDITIONS OF THE INTERNATIONAL CODE COUNCIL CODES, THE CODES AND STANDARDS REFERENCED WITHIN THE ICC CODES AND THE AMERICANS WITH DISABILITIES ACT.
- 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, UNED, 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, UNISTRUTS, 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.

GENERAL NOTES - INTERIOR ELEVATIONS

- A. PROVIDE LOCKS FOR CABINETS AS INDICATED ON THE CABINET LEGEND ON SHEET A505A AND IF INDICATED ON INTERIOR ELEVATIONS.
- B. IN ROOMS WHERE CABINETS ARE REQUIRED TO BE LOCKED, PROVIDE LOCKS OPERABLE WITH SINGLE KEY.
- C. FOR TYPICAL MOUNTING HEIGHTS, SEE SHEET G003. FOLLOW THE HEIGHT UNLESS NOTED OTHERWISE IN INTERIOR ELEVATIONS. VERIFY WITH ARCHITECT FOR ITEMS NOT INDICATED.
- D. CONTRACTOR SHALL VERIFY WITH OWNER FOR OWNER FURNISHED CONTRACTOR INSTALLED ITEMS AND PROVIDE BACKING IN WALL AS REQUIRED FOR INSTALLATION.
- E. INTERIOR ELEVATIONS OF CERTAIN ROOMS ARE NOT DRAWN AND ARE NOTED AS SIMILAR ELEVATIONS OF ROOMS THAT ARE INDICATED IN THE DRAWINGS.
- F. CONTRACTOR SHALL PROVIDE FILLER PANELS (PLASTIC LAMINATE WRAPPED OVER 5/8" PARTICLE BOARD) WHEREVER GAP OCCURS BETWEEN CABINETS AND WALL.
- G. SEE FINISH FLOOR PLANS AND FINISH SCHEDULE A603A FOR WALL, CABINET AND COUNTERTOP FINISHES.
- H. SEE SHEET A505A FOR CABINET LEGEND (TYPES B1, W1, T1, ETC.), UNLESS NOTED OTHERWISE. ALL THE CABINETS AND COUNTERTOPS IN EACH ROOM SHALL BE OF THE SAME FINISH (P1, PL2, S31, ETC.) AS INDICATED ON THE INTERIOR ELEVATION OF EACH ROOM, WHERE MULTIPLE FINISHES ARE REQUIRED FOR CABINETS, WALLS, ETC. IN THE ROOM, EACH FINISH IS INDICATED SEPARATELY. CONTACT ARCHITECT FOR REQUIRED CLARIFICATIONS.
- I. COUNTERTOPS ARE TYPICALLY SUPPORTED BY WALLS AND BASE CABINETS. IN PLACES WHERE COUNTERTOP SPAN EXCEEDS 4'-0", STEEL SUPPORTS SHALL BE PROVIDED AS INDICATED IN DETAILS 4/A505B AND 5/A505B .
- J. AS INDICATED ON INTERIOR ELEVATIONS, WALL CABINETS AT CERTAIN LOCATIONS MAY REQUIRE A VERTICAL OR A SLOPED FASCIA PANEL.
- K. AN ENLARGED FLOOR PLAN HAS BEEN INCLUDED ALONG WITH INTERIOR ELEVATIONS FOR ROOMS THAT ARE COMPLEX IN DESIGN. SUCH COMPLEX ROOMS ARE INDICATED ON THE A400 SERIES SHEETS (STARTING WITH SHEET A401). ENLARGED FLOOR PLANS ARE NOT SHOWN FOR ROOMS THAT ARE SIMPLE IN DESIGN. INTERIOR ELEVATIONS OF SUCH SIMPLE ROOMS ARE INDICATED ON THE A250 SERIES SHEETS (STARTING WITH SHEET A251).
- L. FOR ALL CABINETS PROVIDE BACKING IN WALL AS PER DETAIL 3/A505B.



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Intermountain Health  
Layton Hospital  
Pathology and Locker Room Remodel

201 W Layton Parkway  
Layton, Utah 84041

NJRA Project # 25224.00  
Construction Documents Oct. 15, 2025

General  
Legend &  
Notes

G005

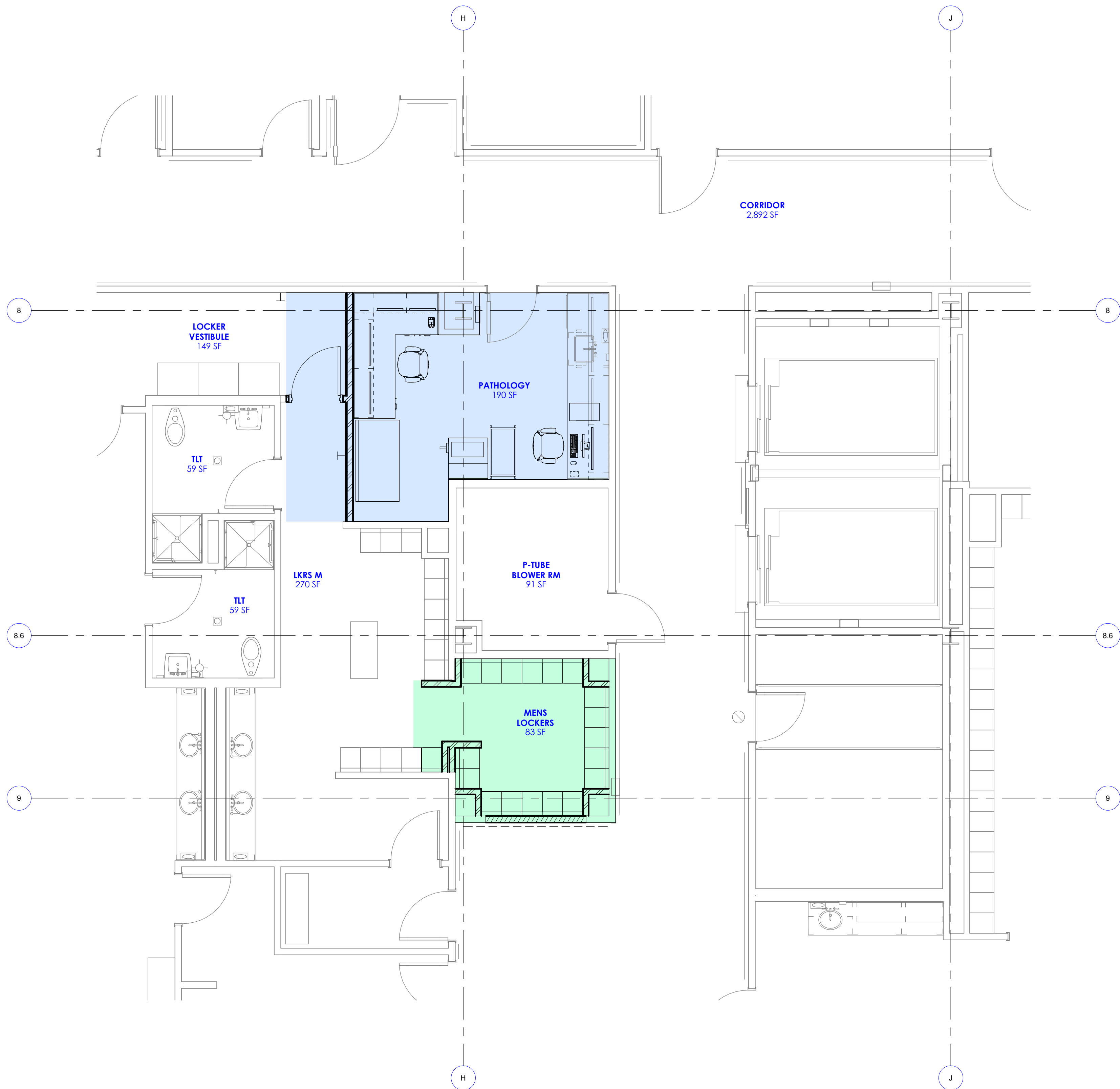


## KEYED NOTES





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1 Level 2 Phasing Plan - Enlarged  
SCALE: 1/4" = 1'-0"



#### KEYED NOTES

#### PHASING KEY

PHASE #1: REMODEL EXISTING LAB AND EXPAND INTO MENS LOCKER ROOM. RELOCATE LAB WORK TO EXISTING BODY HOLDING DURING PHASE #1 CONSTRUCTION. UPON COMPLETION, LAB WORK WILL RETURN TO LAB AND VACCATE BODY HOLDING.

PHASE #2: EXPAND MENS LOCKER ROOM INTO BODY HOLDING.

NOTE: RELOCATE MENS LOCKER ROOM TO STAFF BREAK ROOM LOCKERS FOR THE DURATION OF CONSTRUCTION.

#### GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A601A FOR FINISH SCHEDULE AND GENERAL NOTES.

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## Intermountain Health Layton Hospital Pathology and Locker Room Remodel

201 W. Layton Parkway  
Layton, Utah 84041

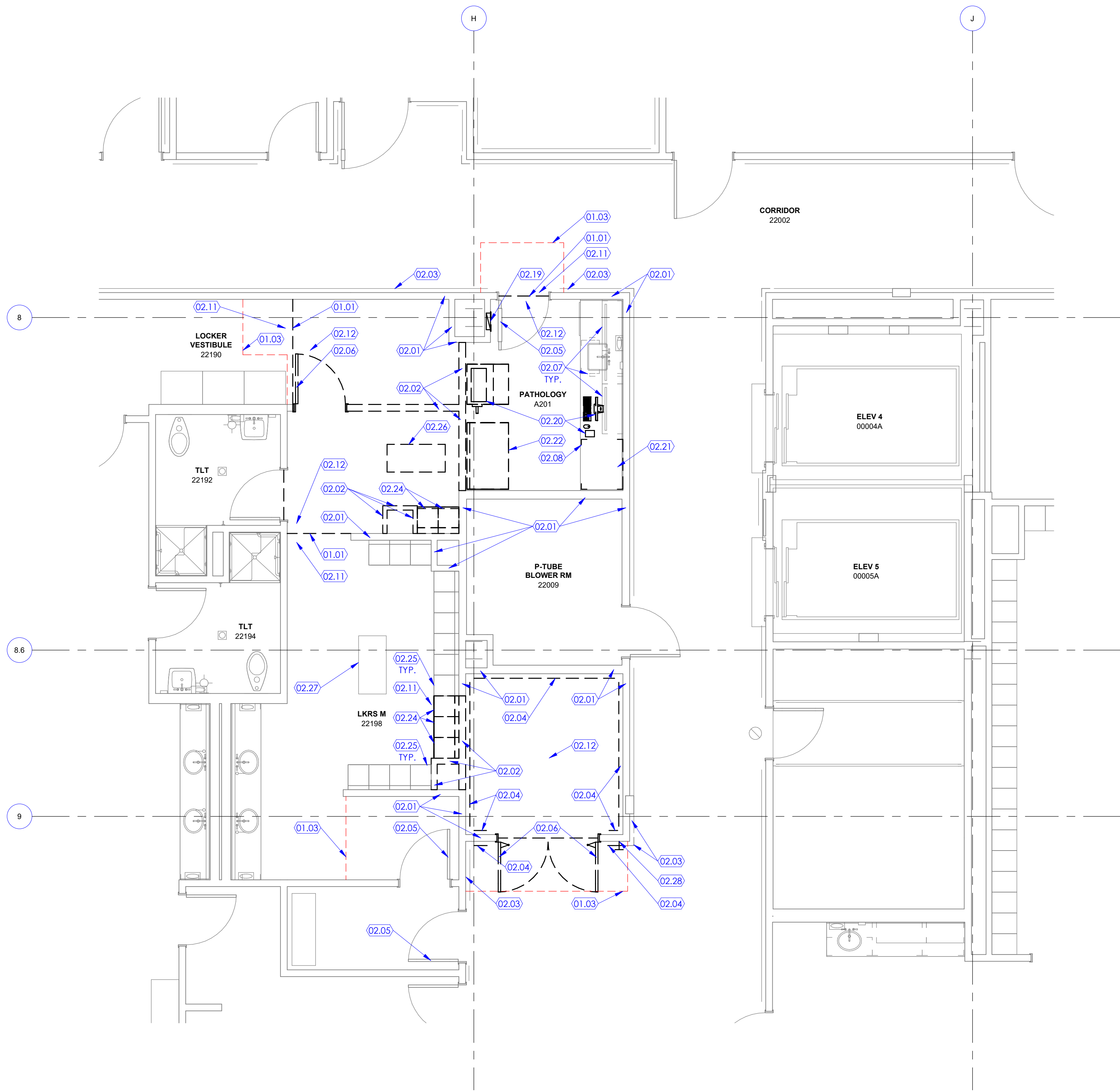
NJRA Project # 25224.00  
Construction Documents Oct. 15, 2025

Phasing Plan  
Level 2 -  
Enlarged

A111



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1 Demolition Floor Plan Level 2 - Enlarged  
SCALE: 1/4" = 1'-0"



#### KEYED NOTES

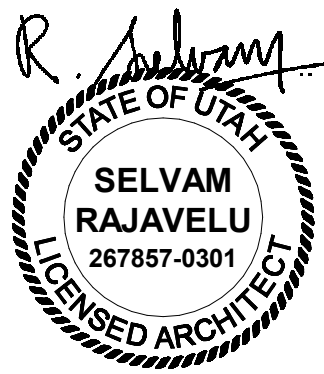
- 01.01 LINE OF TRANSITION BETWEEN DIFFERENT FLOOR FINISHES.  
01.03 DASHED LINE INDICATES FLOOR TO CEILING DUST PROOF CONSTRUCTION BARRIER TO PREVENT DUST AND DIRT MIGRATION AND TO SEPARATE AREAS OCCUPIED BY THE OWNER FROM FUMES AND NOISE. CONSTRUCTION BARRIER TO SPAN FROM FINISHED FLOOR TO CEILING ABOVE. PRE-FABRICATED RIGID ICRA BARRIERS SUCH AS SWITWALL OR STARK ARE PREFERRED. 3 5/8" 20 GA. MTL STUDS @ 16" O.C. FRAMING WITH 5/8" TYPE X GYPSUM BOARD ON BOTH SIDES WOULD BE ACCEPTABLE. TAPE & SEAL ALL JOINTS AND OPENINGS. SEAL JOINTS AT PERIMETER. PAINT WALL ON EXISTING CORRIDOR SIDE. ICRA 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. OTHER ICRA PERMITS MAY BE REQUIRED. COORDINATE WITH FACILITIES AND INFECTION PREVENTION.
- 02.01 WALL, EXISTING TO REMAIN. PROTECT WALL FROM DAMAGE DURING CONSTRUCTION.  
02.02 WALL, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED.  
02.03 WALL FINISH (WALL COVERING, WALL PROTECTION SHEETS, WAINSCOT, CORNER GUARDS, ACOUSTICAL PANELS, ETC.), EXISTING TO REMAIN. PROTECT WALL FINISH FROM DAMAGE DURING CONSTRUCTION.  
02.04 WALL FINISH, EXISTING INDICATED IN THIS AREA TO BE REMOVED.  
02.05 DOOR, EXISTING TO REMAIN. PROTECT DOOR FROM DAMAGE DURING CONSTRUCTION.  
02.06 DOOR AND DOOR FRAME, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED. DOOR FRAME SHALL BE REMOVED UNLESS NOTED OTHERWISE.  
02.07 CABINET (AND COUNTERTOP WHERE OCCURS), EXISTING TO REMAIN. PROTECT CABINET AND COUNTERTOP FROM DAMAGE DURING CONSTRUCTION.  
02.08 CABINET, EXISTING INDICATED WITH DASHED LINE BELOW COUNTERTOP TO BE REMOVED.  
02.11 FLOOR COVERING, EXISTING TO REMAIN. PROTECT FLOOR COVERING FROM DAMAGE DURING CONSTRUCTION.  
02.12 FLOOR COVERING, EXISTING INDICATED IN THIS AREA TO BE REMOVED. COORDINATE EXTENT OF REMOVAL WITH FINISH FLOOR PLANS FOR NEW FLOOR COVERING LOCATIONS AND TRANSITION LINE BETWEEN EXISTING AND NEW FLOOR COVERINGS.  
02.19 PANEL, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED. INFILL WALL AS REQUIRED.  
02.20 EQUIPMENT, EXISTING INDICATED WITH DASHED LINE TO BE RELOCATED BY OWNER.  
02.21 HOOD, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED AND RETURNED TO OWNER. CAP VENT ABOVE CEILING GRID. SEE MECHANICAL DRAWINGS.  
02.22 HOOD, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED AND RETURNED TO OWNER. PREPARE VENT ABOVE FOR NEW GROSSING TABLE. SEE MECHANICAL DRAWINGS.  
02.24 LOCKER AND BASE CABINET, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED AND RELOCATED. SEE NEW FLOOR PLAN FOR NEW LOCATION OF LOCKER AND BASE CABINET.  
02.25 LOCKER AND BASE CABINET, EXISTING TO REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION.  
02.26 BENCH, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED.  
02.27 BENCH, EXISTING TO REMAIN. PROTECT BENCH FROM DAMAGE DURING CONSTRUCTION.  
02.28 CARD READER, EXISTING TO BE REMOVED. REPAIR WALL AND PAINT TO MATCH EXISTING.

#### GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.  
B. SEE SHEET A505A FOR CABINET LEGEND.  
C. SEE SHEET A601A FOR DOOR SCHEDULE.  
D. SEE SHEET A601A FOR FINISH SCHEDULE AND GENERAL NOTES.



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Intermountain Health  
Layton Hospital  
Pathology and Locker Room Remodel

NJRA Project # 25224.00  
Construction Documents Oct. 15, 2025

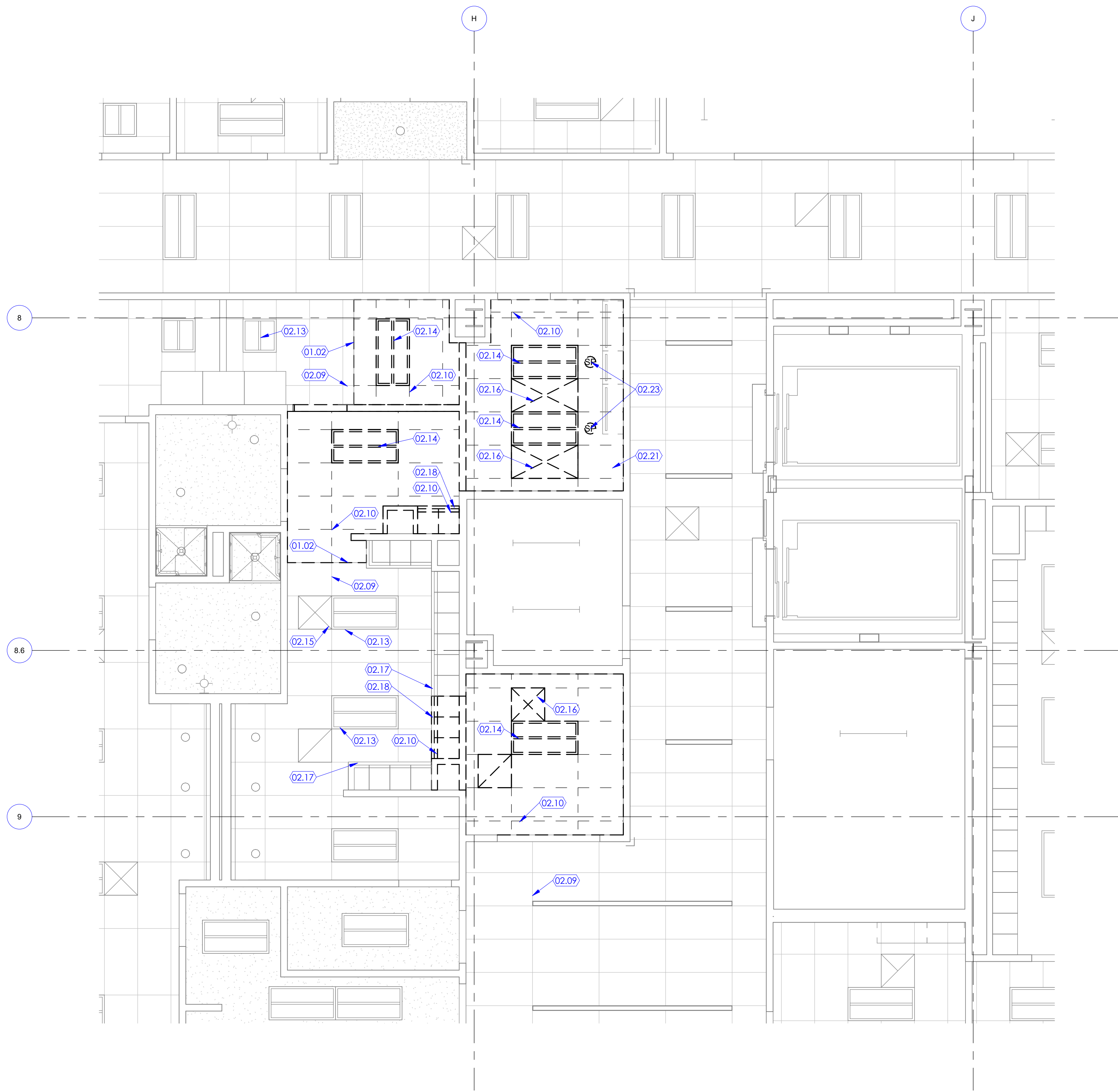
201 W Layton Parkway  
Layton, Utah 84041

Demolition  
Floor Plan  
Level 2 -  
Enlarged

A121



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1 Reflected Ceiling Demolition Plan Level 2 - Enlarged  
SCALE: 1/4"=1'-0"



#### KEYED NOTES

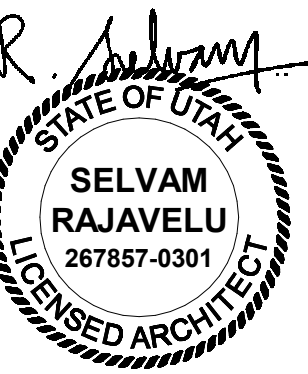
- 01.02 LINE OF TRANSITION BETWEEN DIFFERENT CEILING FINISHES.  
02.09 CEILING, EXISTING TO REMAIN. PROTECT CEILING FROM DAMAGE DURING CONSTRUCTION.  
02.10 CEILING, EXISTING INDICATED IN THIS AREA TO BE REMOVED.  
02.13 LIGHT FIXTURE, EXISTING TO REMAIN.  
02.14 LIGHT FIXTURE, EXISTING INDICATED IN THIS AREA TO BE REMOVED.  
02.15 MECHANICAL DIFFUSER, EXISTING TO REMAIN.  
02.16 MECHANICAL DIFFUSER, EXISTING INDICATED IN THIS AREA TO BE REMOVED.  
02.17 GYPSUM BOARD HEADER, EXISTING TO REMAIN.  
02.18 GYPSUM BOARD HEADER, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED.  
02.21 HOOD, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED AND RETURNED TO OWNER. CAP VENT ABOVE CEILING GRID. SEE MECHANICAL DRAWINGS.  
02.23 SPEAKER, EXISTING INDICATED WITH DASHED LINE TO BE RELOCATED. PROTECT SPEAKER FROM DAMAGE DURING CONSTRUCTION. SEE REFLECTED CEILING PLAN FOR NEW LOCATION.

#### GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.  
B. SEE SHEET A505A FOR CABINET LEGEND.  
C. SEE SHEET A601A FOR DOOR SCHEDULE.  
D. SEE SHEET A601A FOR FINISH SCHEDULE AND GENERAL NOTES.



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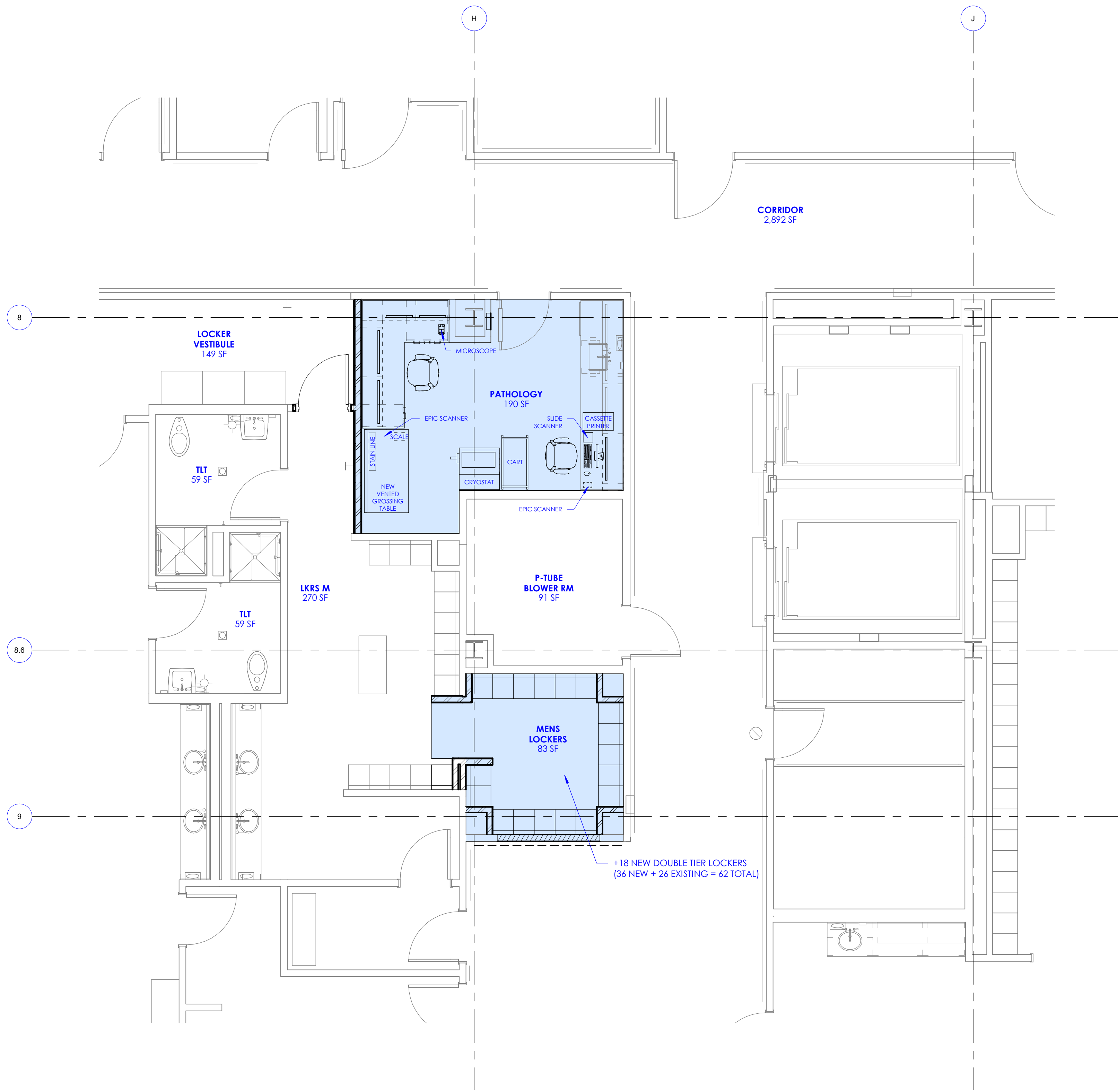
NJRA Project # 25224.00  
Construction Documents Oct. 15, 2025

Demolition  
Ceiling Plan  
Level 2 -  
Enlarged

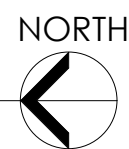
A122



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1 Floor Plan Level 2 - Enlarged  
SCALE: 1/4" = 1'-0"



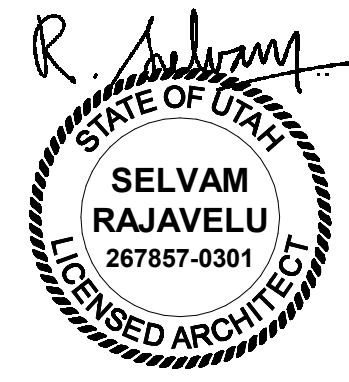
#### KEYED NOTES

#### GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.  
B. SEE SHEET A505A FOR CABINET LEGEND.  
C. SEE SHEET A601A FOR DOOR SCHEDULE.  
D. SEE SHEET A601A FOR FINISH SCHEDULE AND GENERAL NOTES.



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Pathology and Locker Room Remodel

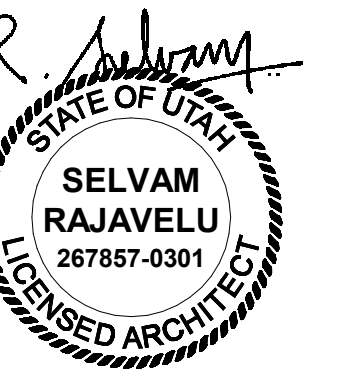
201 W Layton Parkway  
Layton, Utah 84041

NJRA Project # 25224.00  
Construction Documents Oct. 15, 2025

Floor Plan  
Level 2 -  
Enlarged

A123





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Layton Hospital  
Pathology and Locker Room Remodel

201 W Layton Parkway  
Layton, Utah 84041

RA Project #	25224.00
Construction Documents	Oct. 15, 2025

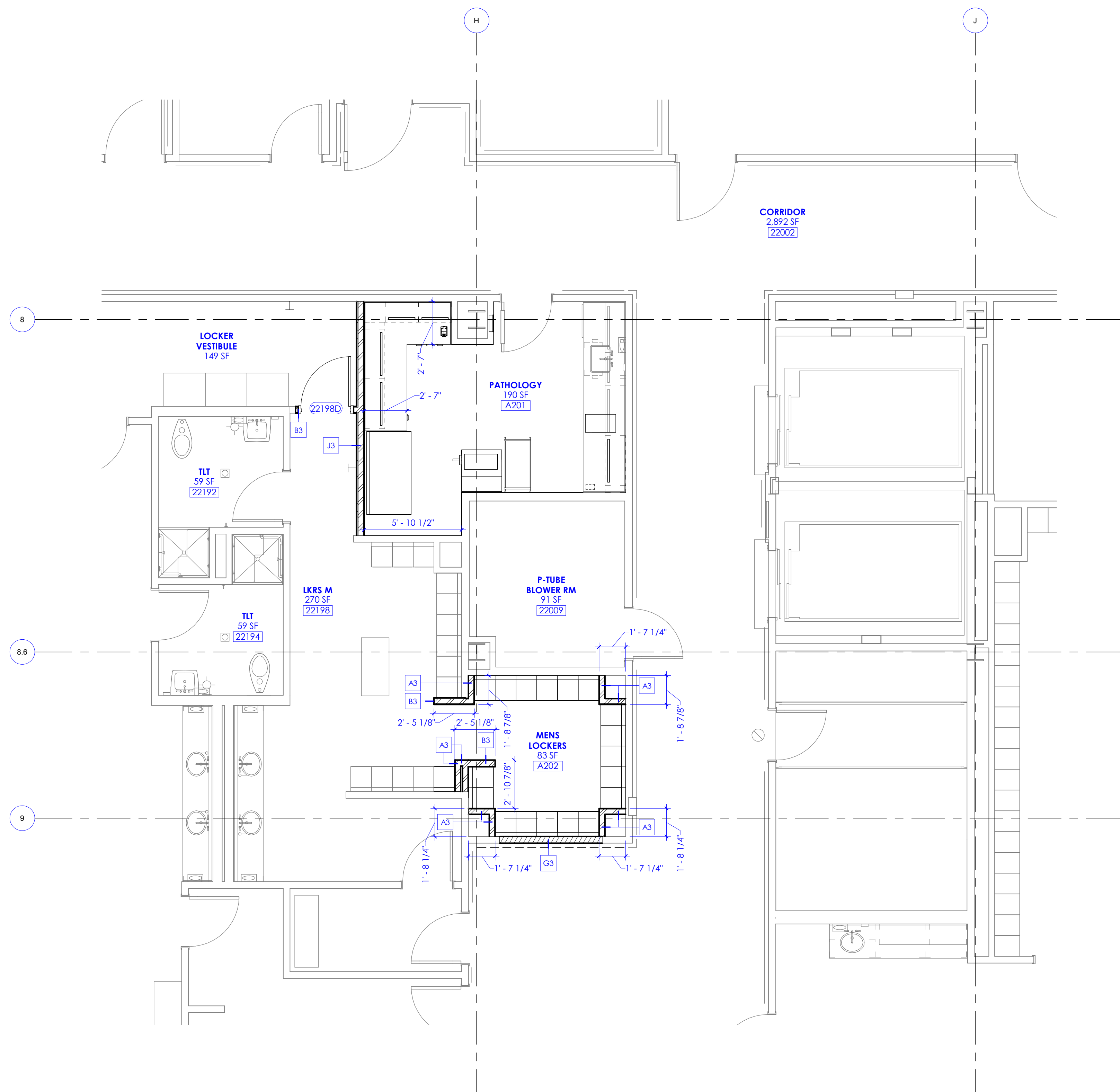
Dimension  
Floor Plan  
Level 2 -  
Enlarged

A124

## KEYED NOTES

## GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.  
B. SEE SHEET A505A FOR CABINET LEGEND.  
C. SEE SHEET A601A FOR DOOR SCHEDULE.  
D. SEE SHEET A601A FOR FINISH SCHEDULE AND GENERAL NOTES.



NORTH

A circular compass rose with a vertical line and a horizontal line intersecting at the center. The word "NORTH" is written above the top of the vertical line. The word "SOUTH" is written below the bottom of the vertical line. The word "EAST" is written to the right of the right end of the horizontal line. The word "WEST" is written to the left of the left end of the horizontal line. The four lines (top, bottom, left, right) are thicker than the diagonal lines.

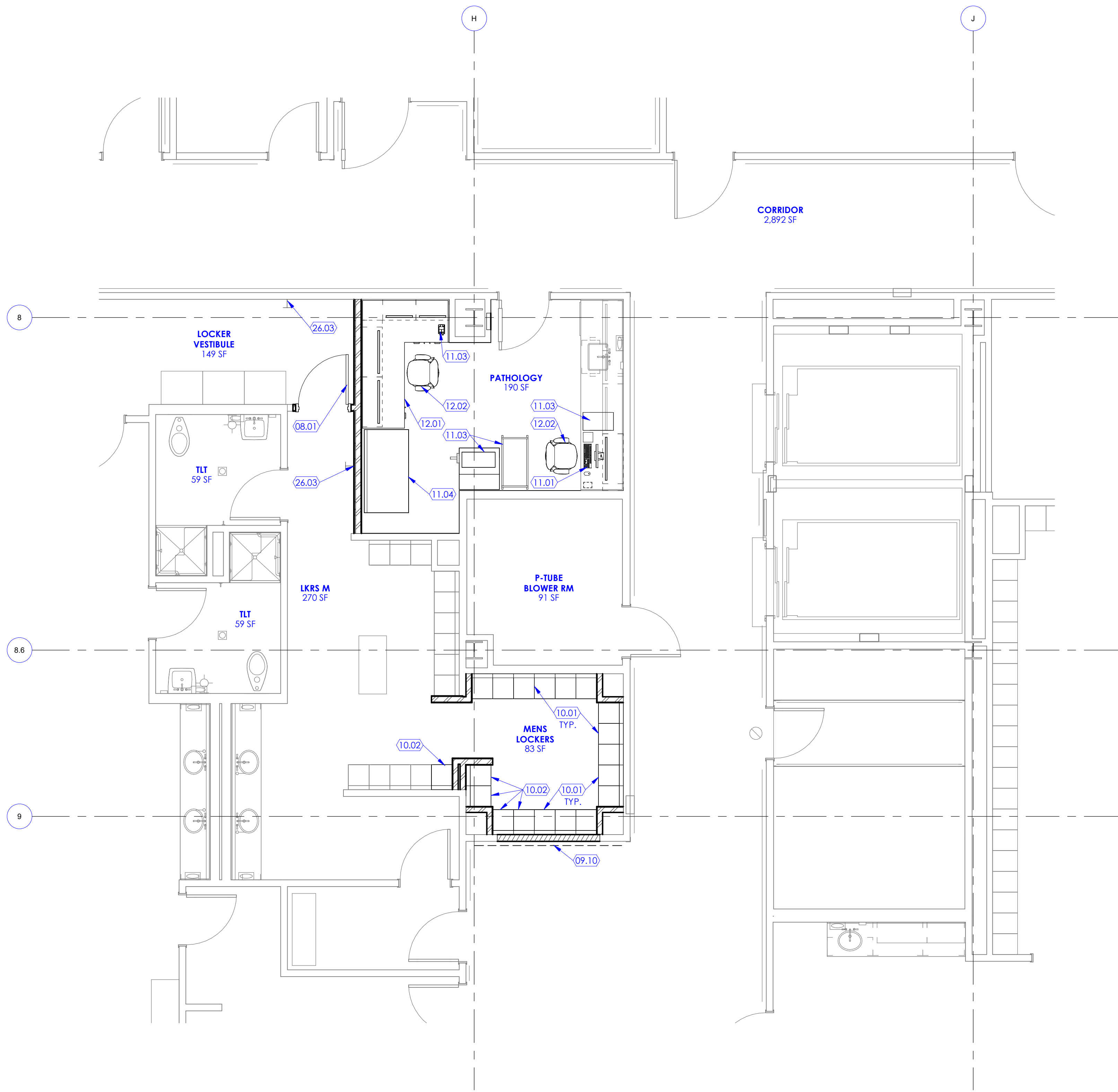
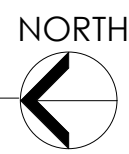
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1 Floor Plan Level 2 - Enlarged  
SCALE: 1/4" = 1'-0"



### KEYED NOTES

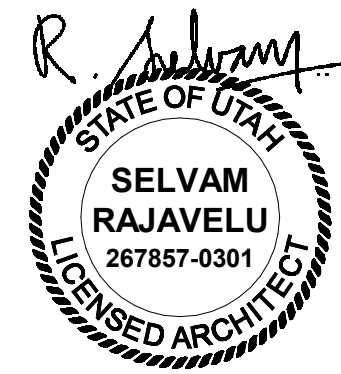
- 08.01 DOOR AND DOOR FRAME. SEE DOOR SCHEDULE.  
09.10 WALL PROTECTION. SEE FINISH FLOOR PLAN FOR WAINSCOT, CORNER GUARDS, ETC. INDICATED WITH A TAG AS WP1, WP2, ETC. SEE FINISH SCHEDULE FOR MATERIAL TYPE, SIZE, COLOR, ETC.  
10.01 METAL LOCKERS, 2-TIER, FLAT TOP, 15"W X 18"D X 60"H. PROVIDE GYPSUM BOARD SOFFIT ABOVE TO CEILING AND CASEWORK BELOW TO FLOOR. TO MATCH EXISTING. PROVIDE VANGUARD 2 TIER LOCKER WITH CLASSIC III HANDLE, MODEL NUMBER: 62376, COLOR: 073 - CHAMPAGNE. FINAL COLOR DECISION TO BE APPROVED BY OWNER.  
10.02 METAL LOCKERS, RELOCATED FROM EXISTING WITH BASE CABINET.  
11.01 COMPUTER, NOT IN CONTRACT. OWNER FURNISHED OWNER INSTALLED.  
11.03 EQUIPMENT, NOT IN CONTRACT. OWNER FURNISHED OWNER INSTALLED.  
11.04 GROSSING TABLE, OWNER FURNISHED, CONTRACTOR INSTALLED.  
12.01 COUNTERTOP, SOLID SURFACE. SEE FINISH PLANS AND SCHEDULE.  
12.02 FURNITURE, NOT IN CONTRACT. OWNER FURNISHED OWNER INSTALLED.  
26.03 DOOR OPENER, PUSH PAD. SEE ELECTRICAL DRAWINGS.

### GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.  
B. SEE SHEET A505A FOR CABINET LEGEND.  
C. SEE SHEET A601A FOR DOOR SCHEDULE.  
D. SEE SHEET A601A FOR FINISH SCHEDULE AND GENERAL NOTES.



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Pathology and Locker Room Remodel

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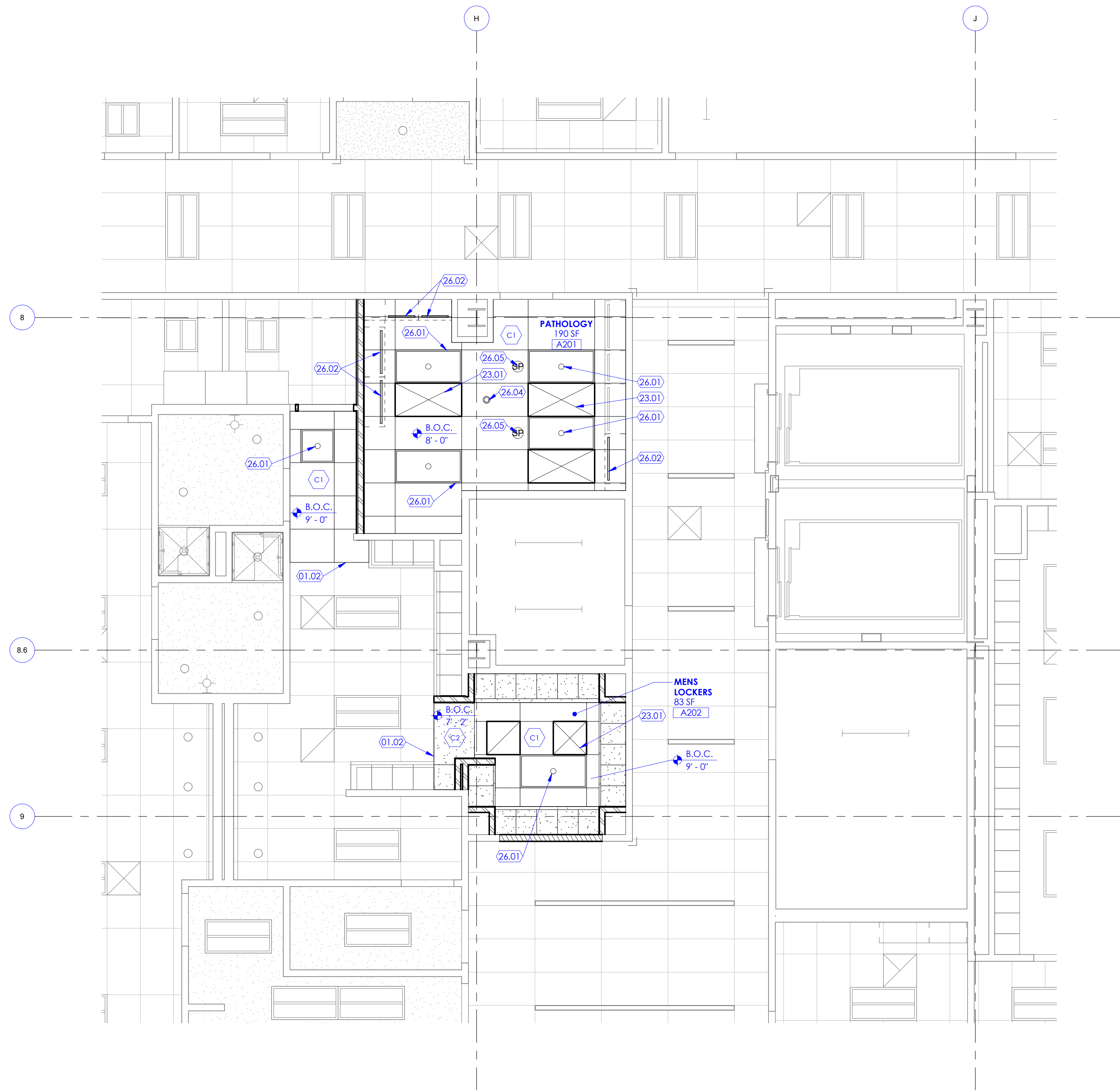
NJRA Project # 25224.00  
Construction Documents Oct. 15, 2025

FF&E Plan  
Level 2 -  
Enlarged

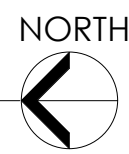
A125



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1 Reflected Ceiling Plan Level 2 - Enlarged  
SCALE: 1/4" = 1'-0"

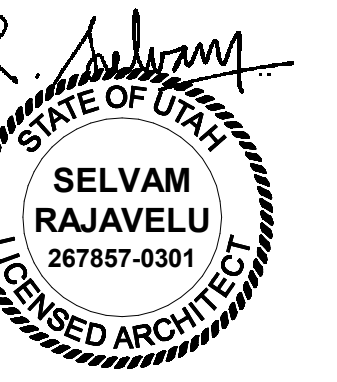


#### KEYED NOTES

- 01.02 LINE OF TRANSITION BETWEEN DIFFERENT CEILING FINISHES.
- 23.01 MECHANICAL DIFFUSER. SEE MECHANICAL DRAWINGS.
- 26.01 LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
- 26.02 LIGHT FIXTURE. UNDER CABINET. SEE ELECTRICAL DRAWINGS.
- 26.04 CAMERA. CEILING MOUNTED. SEE ELECTRICAL DRAWINGS.
- 26.05 SPEAKER. CEILING MOUNTED, RELOCATED FROM EXISTING. SEE ELECTRICAL DRAWINGS.



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## Intermountain Health Layton Hospital Pathology and Locker Room Remodel

201 W. Layton Parkway  
Layton, Utah 84041

NJRA Project # 25224.00  
Construction Documents Oct. 15, 2025

#### GENERAL NOTES

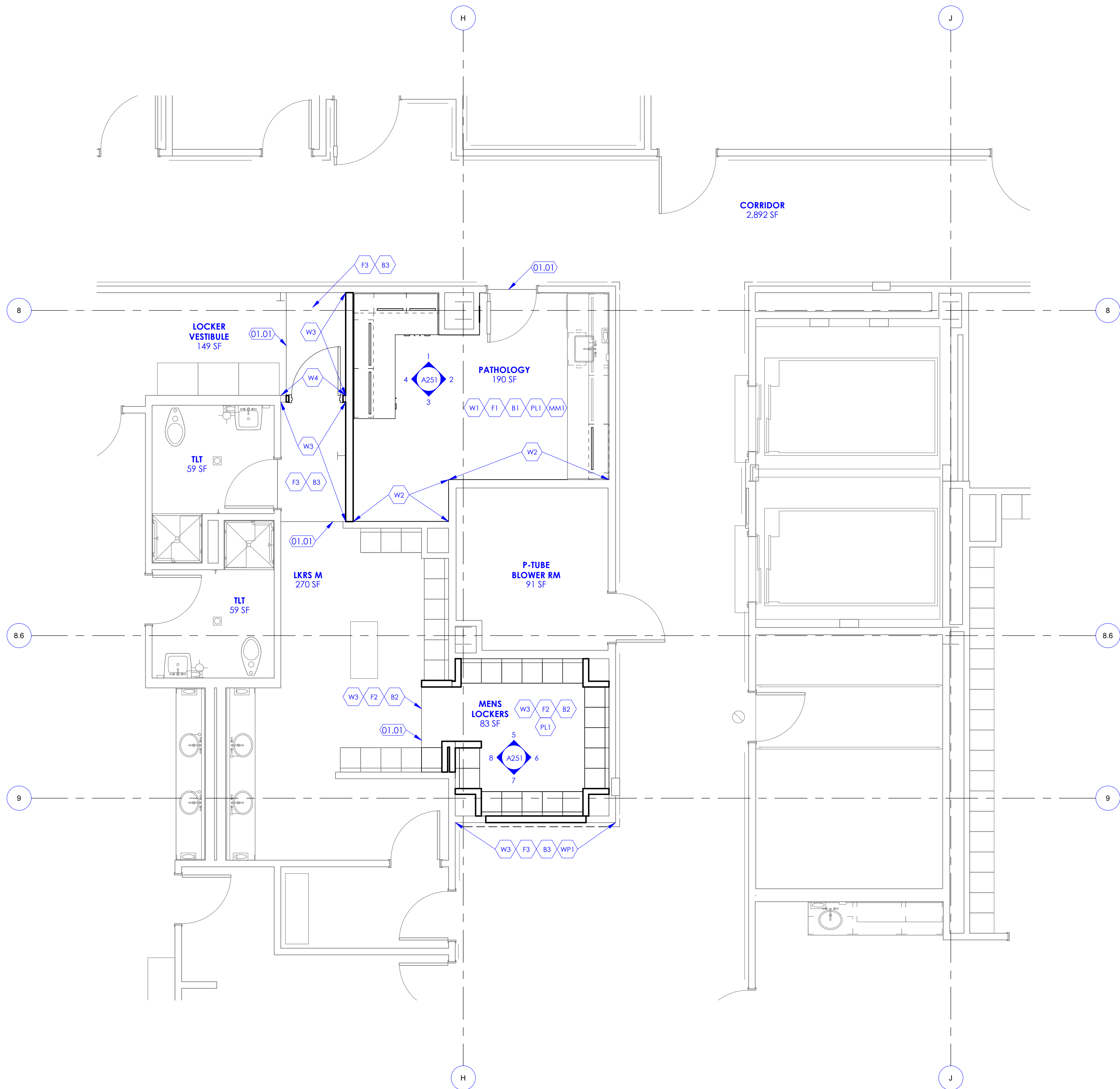
- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A601A FOR FINISH SCHEDULE AND GENERAL NOTES.

Reflected  
Ceiling Plan  
Level 2 -  
Enlarged

A126



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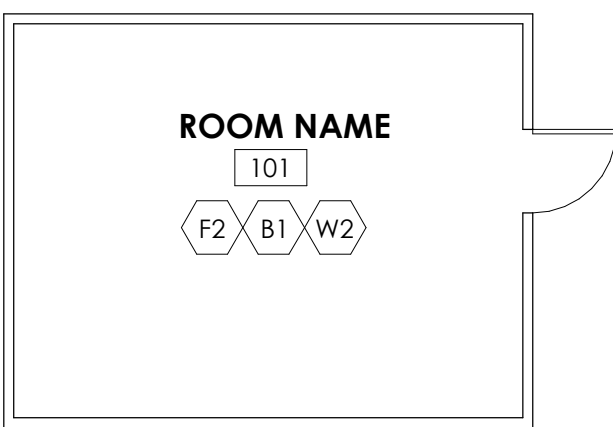
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KEYED NOTES

01.01 LINE OF TRANSITION BETWEEN DIFFERENT FLOOR FINISHES.

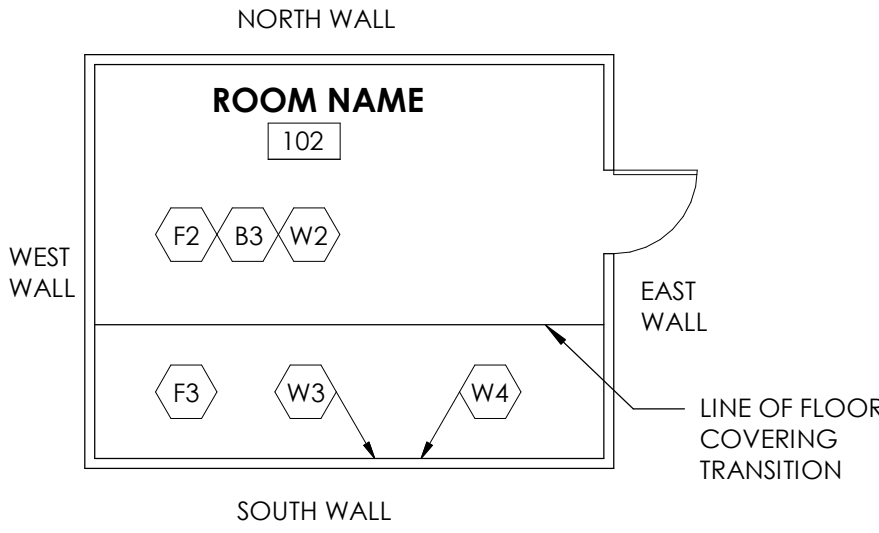
SAMPLE LAYOUTS

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. SEE GENERAL NOTE "C" ON SHEET A603A FOR FLOOR COVERING TRANSITIONS. 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 SIDE, WALL SHALL HAVE MULTIPLE FINISHES SUCH AS "W3" AND "W4". SEE INTERIOR ELEVATIONS FOR TRANSITION DETAILS BETWEEN "W3" AND "W4".

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A601A FOR FINISH SCHEDULE AND GENERAL NOTES.

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LICENSED ARCHITECT

Intermountain Health  
Layton Hospital  
Pathology and Locker Room Remodel

NJRA Project # 25224.00  
Construction Documents Oct. 15, 2025

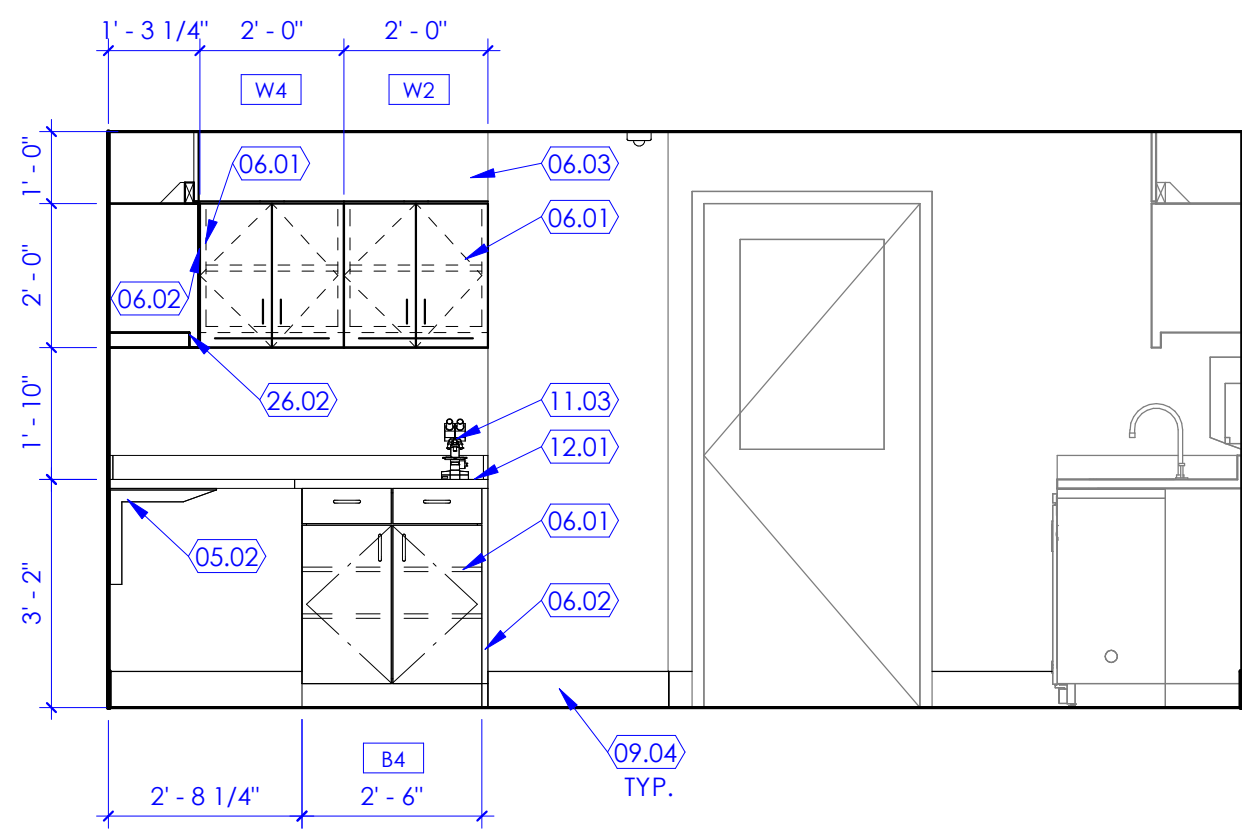
Finish Plan  
Level 2 -  
Enlarged

A127

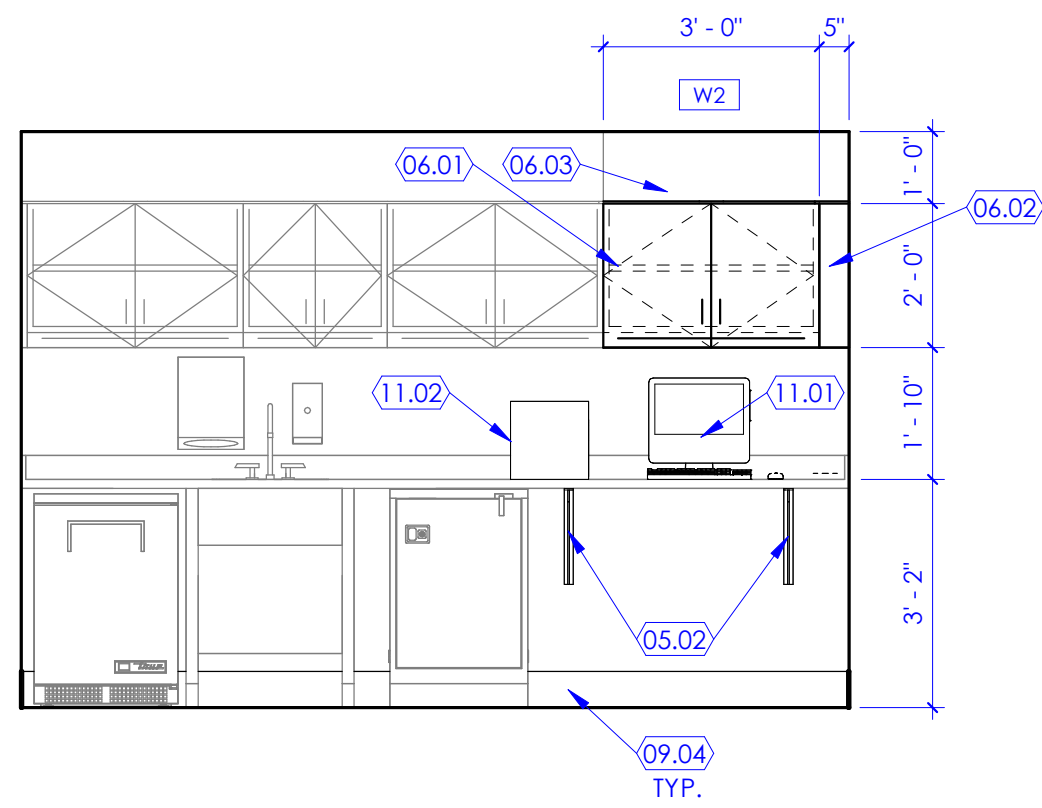
201 W Layton Parkway  
Layton, Utah 84041



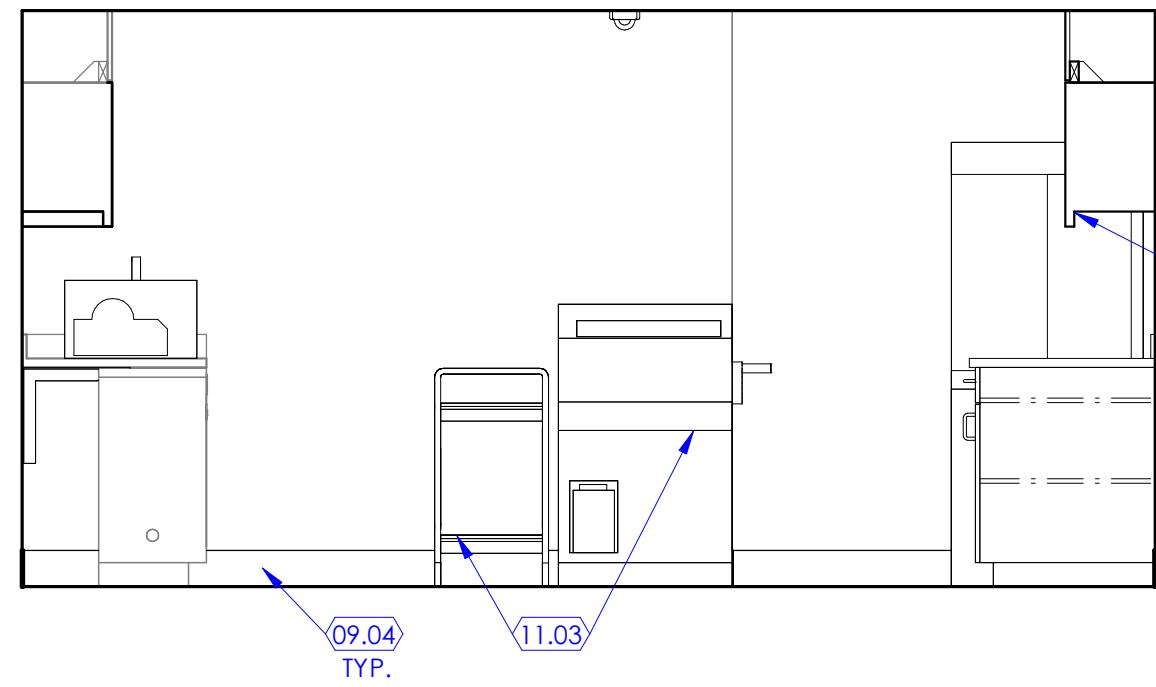
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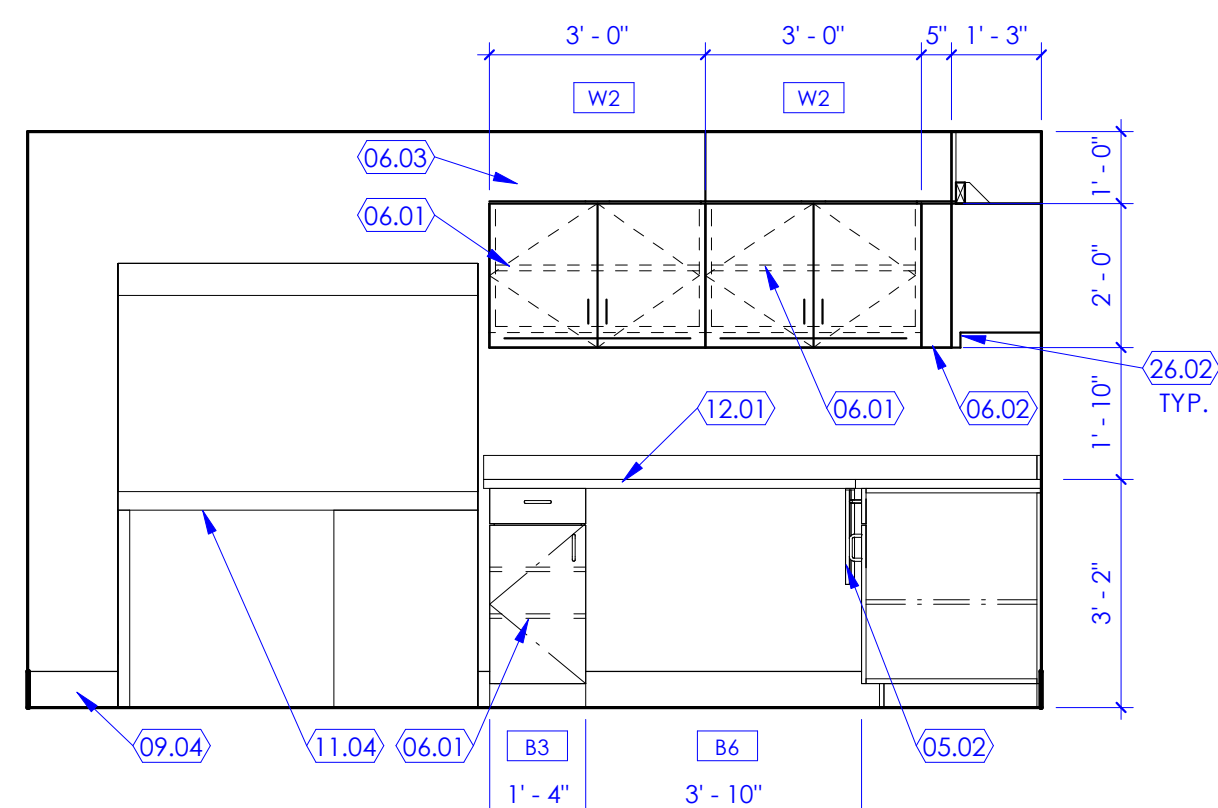
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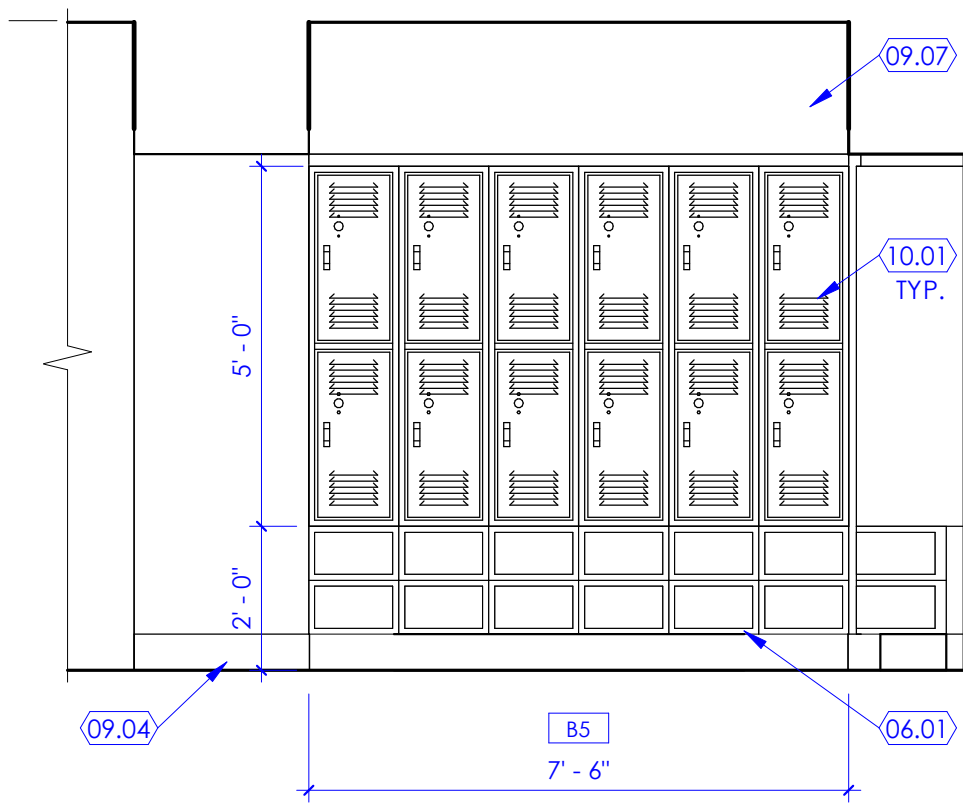
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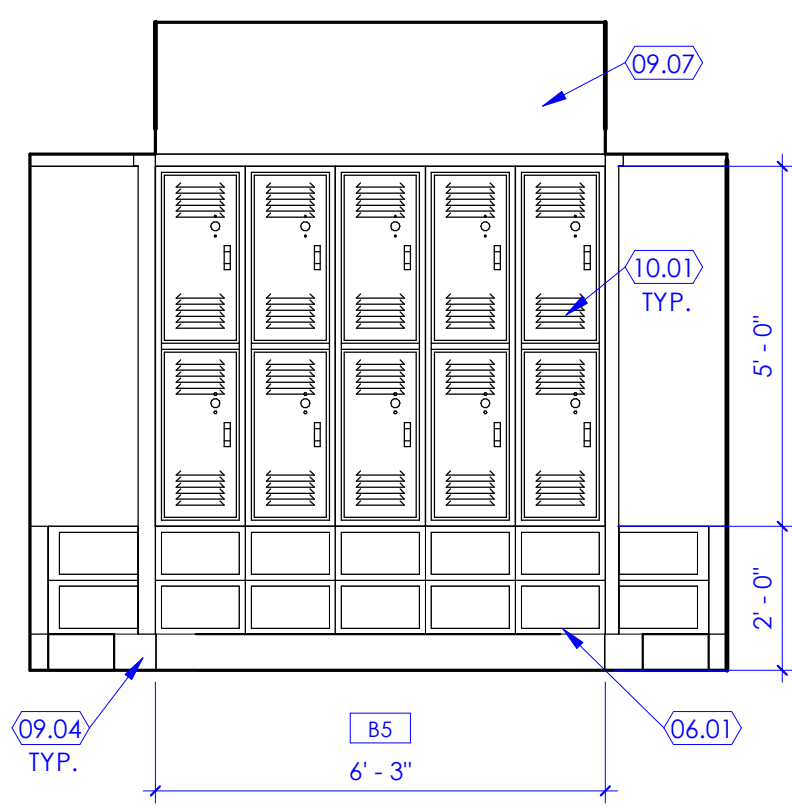
3 Pathology  
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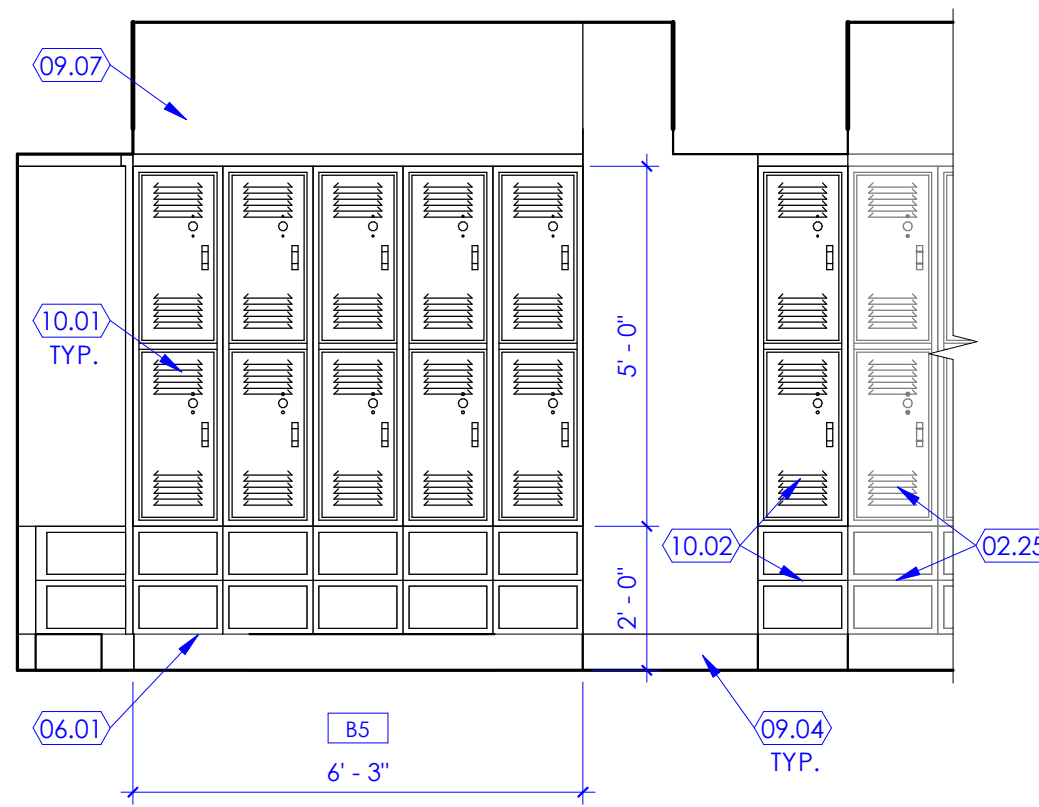
4 Pathology  
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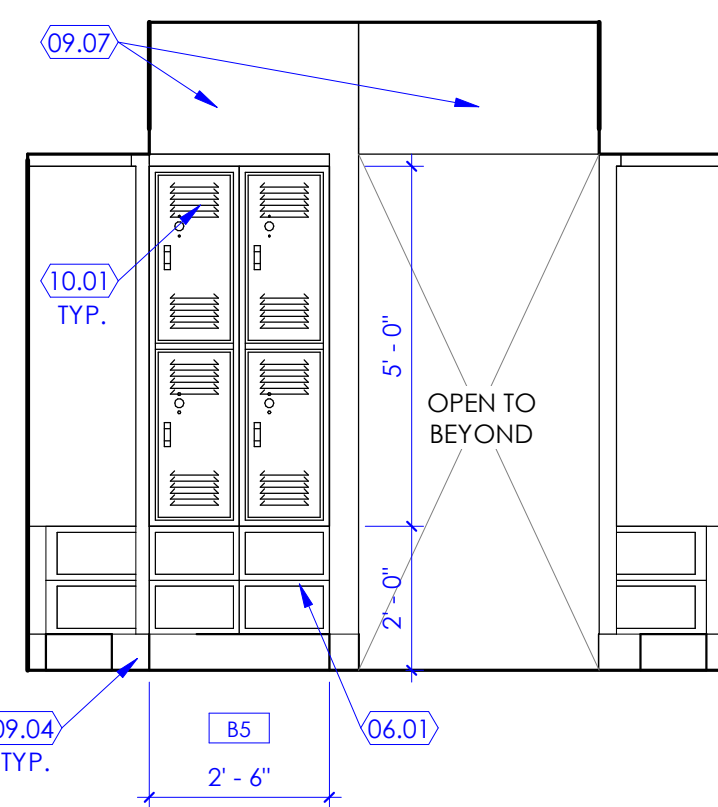
5 Mens Locker  
SCALE: 3/8" = 1'-0"



6 Mens Locker  
SCALE: 3/8" = 1'-0"



7 Mens Locker  
SCALE: 3/8" = 1'-0"



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

## KEYED NOTES

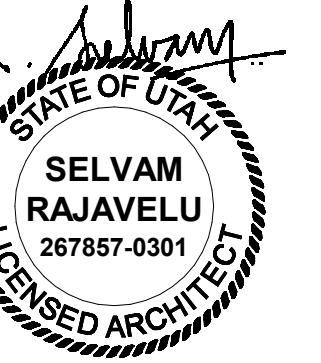
- 02.25 LOCKER AND BASE CABINET, EXISTING TO REMAIN, PROTECT FROM DAMAGE DURING CONSTRUCTION.
- 05.02 STEEL ANGLE SUPPORTS FOR COUNTERTOP WHERE KNEE SPACE OCCURS BELOW, LOCATE COUNTER SUPPORTS AT 3'-0" O.C. MAX, SEE DETAILS 11/A505B AND 12/A505B.
- 06.01 CABINET, SEE CABINET LEGEND ON SHEET 1/A505A, AND INTERIOR ELEVATIONS, FOR CABINET TYPES SUCH AS BASE CABINETS, WALL CABINETS, TALL CABINETS, ETC.
- 06.02 FILLER PANEL, PLASTIC LAMINATE WRAPPED OVER 3/4" PARTICLE BOARD, PROVIDE FILLER PANEL BETWEEN CABINETS AND BETWEEN CABINET AND WALL, TYPICAL.
- 06.03 SOFFIT PANEL, PLASTIC LAMINATE WRAPPED OVER 3/4" PLYWOOD, PROVIDE SOFFIT PANEL BETWEEN TOP OF WALL CABINET AND CEILING, TYPICAL.
- 09.04 WALL BASE, SEE FINISH FLOOR PLANS FOR WALL BASE TYPE INDICATED WITH A WALL BASE TAG (AS B1, B2, B3, ETC.), SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC., FOR EACH WALL BASE TAG.
- 09.07 GYPSUM BOARD SOFFIT, SEE DETAIL 9/A503A UNLESS NOTED OTHERWISE WITH A SEPARATE SPECIFIC DETAIL.
- 10.01 METAL LOCKERS, 2-TIER, FLAT TOP, 15"W X 18"D X 60"H, PROVIDE GYPSUM BOARD SOFFIT ABOVE TO CEILING AND CASEWORK BELOW TO FLOOR, TO MATCH EXISTING, PROVIDE VANGUARD 2 TIER LOCKER WITH CLASSIC III HANDLE, MODEL NUMBER: 6237R, COLOR: 073 - CHAMPAGNE, FINAL COLOR DECISION TO BE APPROVED BY OWNER.
- 10.02 METAL LOCKERS, RELOCATED FROM EXISTING WITH BASE CABINET.
- 11.01 COMPUTER, NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED.
- 11.02 CASSETTE PRINTER, NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED.
- 11.03 EQUIPMENT, NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED.
- 11.04 GROSSING TABLE, OWNER FURNISHED, CONTRACTOR INSTALLED.
- 12.01 COUNTERTOP, SOLID SURFACE, SEE FINISH PLANS AND SCHEDULE.
- 26.02 LIGHT FIXTURE, UNDER CABINET, SEE ELECTRICAL DRAWINGS.

## GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A601A FOR FINISH SCHEDULE AND GENERAL NOTES.

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201 W Layton Parkway  
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NJRA Project # 25224.00  
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Interior  
Elevations

A251

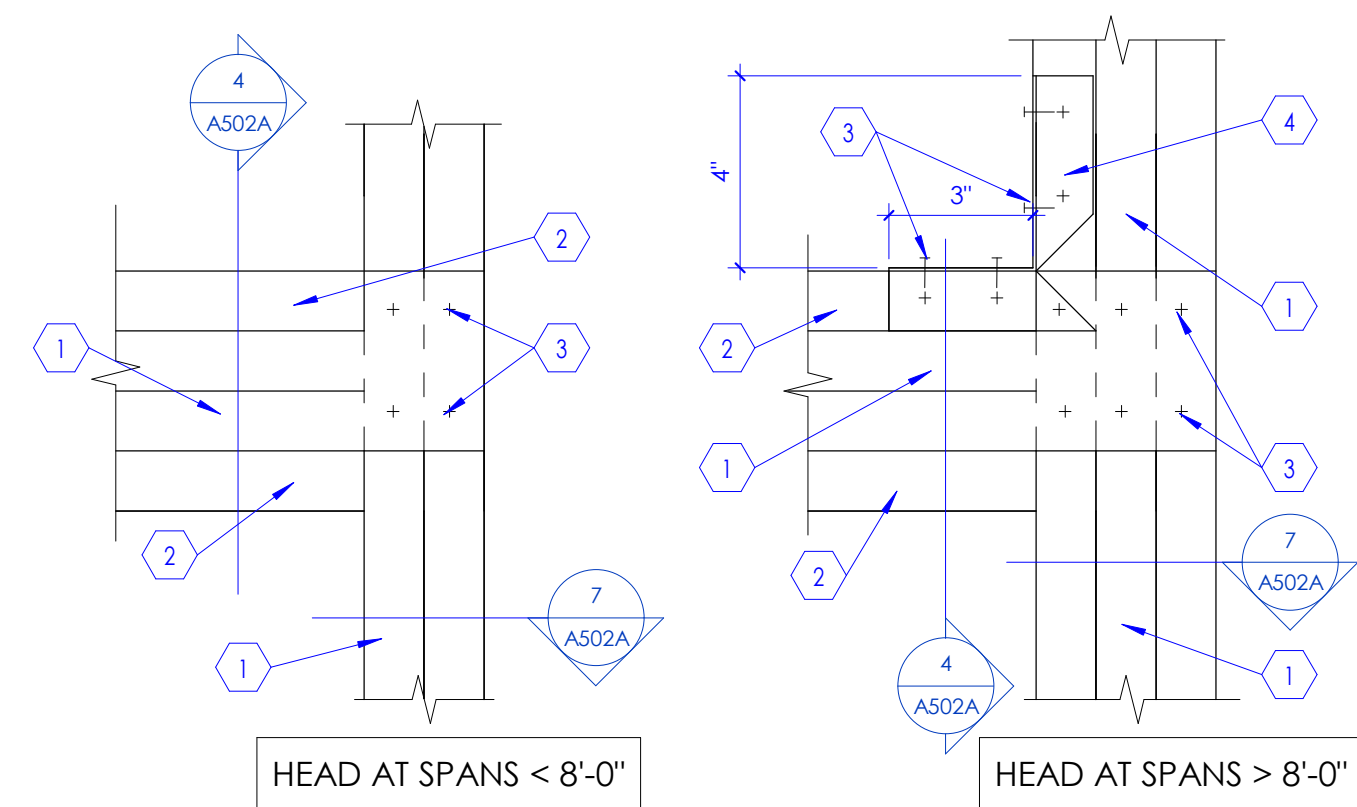


- LINE OF FLOOR OR ROOF DECK AS OCCURS.
2. TO ACCOMMODATE FOR STRUCTURE DEFLECTION, PROVIDE SPLIT CONNECTION BETWEEN TOP RUNNER TRACK AND METAL TRACK FRAMING. SEE DETAIL [9 / A5028](#)
3. PROVIDE 1/4" AIR GAP ABOVE AND BELOW TOP RUNNER TRACK. SEE DETAIL [11 / A5024](#)
4. METAL STUDS, 20 GA STRUCTURAL, (33 MILS) AT 16" O.C., UNJOINED ON WALLS. STUDS INDICATED IN FLOOR PLAN. PROVIDE STUD SIZE AS INDICATED IN WALL TYPES WITH TRACK RUNNERS AT TOP AND BOTTOM. PROVIDE STUD FRAMING AROUND TOP AND BOTTOM FLOOR JOINTS. SEE DETAIL [11 / A5024](#)
5. LINE OF CEILING AS OCCURS. SEE REFLECTED CEILING PLAN.
6. STEEL STUDS, 1/8" CH-SHAPED, 20 GA STRUCTURAL AT 24" O.C.
7. PROVIDE ACOUSTIC INSULATION BLANKET FOR FULL DEPTH OF THE STUD CAVITY. PROVIDE 1/4" AIR GAP ABOVE AND BELOW TOP RUNNER TRACK. PROVIDE 2" FIBERGLASS INSULATION AND FOR 6" STUDS PROVIDE R-19 UNFIBED BATT INSULATION. PROVIDE GRAFT FACED INSULATION FOR ALL APPLICATIONS AT EXTERIOR WALLS.
8. GYPSUM BOARD, 5/8" THICK, TYPE "X," UNJOINED TO METAL STUD FRAMING. SEE DETAIL [12 / A5024](#)
9. ANCHOR BASE TRACK TO CONCRETE FLOOR BELOW. SEE DETAIL [8 / A5024](#)
10. FILL GAP BETWEEN DECK AND METAL TRACK TOP RUNNER WITH HRESTOP SEALANT. SEAL TIGHTLY AROUND ALL PIPES, CONDUCITS, DUCTS, ETC. ON EACH SIDE OF EACH FIRE BARRIER. PROVIDE 1/4" AIR GAP BETWEEN HRESTOP 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 (SEE DETAIL [11 / A5024](#)) AROUND FLOOR JOINT. ON EACH SIDE OF WALL, PROVIDE THE WALL (CONTINUOUS) AND AROUND ALL PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE WALL.
12. TOP OF DECK ABOVE 1/4" ABOVE FLOOR TOP. ON EACH SIDE OF WALL, PROVIDE ACOUSTIC SEALANT AT EXTERIOR WALLS AND FIRST SEALANT AT RATED WALLS ON EACH SIDE OF THE WALL (CONTINUOUS).
13. OUTLET BOSS AS OCCURS. PROVIDE FIRE BARRIER MOLDABLE PUTTY PADS AND FIRST SEALANT AT EXTERIOR WALLS AND FIRST SEALANT AT RATED WALLS. PROVIDE SOUND BARRIER WALLS AND AT BACK TO BACK ELECTRICAL BOXES AT SMOKE PARTITION WALLS.
14. PROVIDE STRAPPING AND BLOCKING AT FURRING WALL. SEE DETAIL [12 / A5024](#)
15. LINE BETWEEN STUDS AT 24" O.C. PROVIDE 1/4" AIR GAP.
16. GYPSUM BOARD SHAFI LINER PANEL, 1" THICK, TYPE "X," ATTACHED TO CH STUDS.
17. STEEL RUNNER, 1/2" SHAPED WITH UNEQUAL LEGS OF 1" AND 2", 20 GA. ATTACHED TO FLOOR AND STRUCTURE ABOVE WITH FASTENERS LOCATED NO GREATER THAN 16" ON CENTER. PROVIDE 1/4" AIR GAP BETWEEN RUNNERS SHOULD BE POSITIONED WITH SHORT LEG TO FINISHED SIDE OF WALL.
18. STOP STUD RUNNER AT BASE PLATES.
19. STEEL PLATE, 3/8" THICK WITH 4 1/2" DIA. HELI-HY200 EPOXY ANCHORS WITH 3/8" DIA. ANCHOR BUSHINGS. ATTACH TO CONCRETE 2-3/8".
20. TUBE STEEL 3/4" X 3/16" AT 0" O.C.
21. WALL CAP, SOLID SQUARE MATERIAL, ATTACHED TO WALL BELOW.
22. PLYWOOD, 3/4" THICK, CONTINUOUS FIRE TREATED, ATTACH PLYWOOD TO VERTICAL STEEL TUBE POST WITH 1" SHAPED METAL CLIPS AND FASTENERS.
23. PROVIDE 1/4" AIR GAP ABOVE AND BELOW TOP RUNNER TRACK.
24. METAL STUDS, 16 GA STRUCTURAL, (33 MILS) AT 16" O.C. PROVIDE RUNNERS AT TOP AND BOTTOM. ATTACH TOP RUNNER TO PLYWOOD AND VERTICAL STEEL POST.
25. LINE OF FLOOR.
26. RESILIENT CHANNEL, 2" X 1/2" INSTALLED HORIZONTALLY AND SPACED AT 24" O.C.
27. WHERE CONDITIONS PROHIBIT EXTENDING STUDS TO DECK, PROVIDE CROSS BRACING FROM TOP RUNNER OF WALL TO STRUCTURE ABOVE WITH 3-5/8" 20 GA STUDS AT 4" O.C. ALTERNATE DIRECTION OF BRACING TO STRUCTURE EVERY 4'.
28. TOP TRACK, 18 GA, REQUIRED AT CROSS-BRACED WALLS.

- A. CONTRACTOR SHALL VERIFY ITEMS LIKE SEMI OR FULLY RECESSED MISCELLANEOUS BOXES, PANELS, PLUMBING LINES, CONDUTITS, PIPES, ETC. THAT ARE CONCEALED IN WALLS AND CEILING. IF ANY SUCH ITEMS ARE FOUND, CONTRACTOR SHALL NOTIFY THE ARCHITECT AND USE "STUDS" COORDINATE WITH ALL THE CONSULTANT DRAWINGS PRIOR TO WALL CONSTRUCTION AND USE 6" OR 8" 20 GAUGE METAL STUDS TO REINFORCE STUDS. RE-USE EXISTING STUDS IF AVAILABLE.
- B. USE 5/8" CEMENTITIOUS BOARD IF CERAMIC OR PORCELAIN WALL TILES ARE INDICATED IN THE FINISH SCHEDULE AS WALL FINISH. CEMENTITIOUS BOARD SHALL BE USED TO REINFORCE STUDS. CONTRACTOR SHALL NOTIFY ARCHITECT IF ANY STUDS TO BE USED ABOVE TILE HEIGHT IN RESTROOMS. SEE FLOOR PLANS FOR CERTAIN LINEUP LOCATIONS THAT REQUIRE LEAD LINED GYPSUM BOARD. IMPACT RESISTANT BOARD SHALL BE USED IN ALL LOCATIONS WHERE IMPACT RESISTANT IS REQUIRED.
- C. PROVIDE CONTROL JOINT AS PER DETAIL 14\_A/5028 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 IS USED TO REINFORCE STUDS, PROVIDE 1/2" DIA. DRYWALL SCREWS TO EACH STUD. SCREWS ARE 8" O.C. AT PERIMETER AND 12" AT INTERMEDIATE STUDS. WHEN GYPSUM BOARD IS ATTACHED HORIZONTALLY TO STUDS, PROVIDE 1/2" DIA. DRYWALL SCREWS TO EACH STUD. PROVIDE 1/2" DIA. SCREWS FOR HORIZONTAL APPLICATION SHALL BE 8" O.C. AT VERTICAL EDGES AND 12" O.C. AT INTERMEDIATE STUDS.
- D. COORDINATE WITH ARCHITECT FOR FIRE RATED WALLS AND SMOKE PARTITION WALLS SEE EFC 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. PROVIDE 1/2" DIA. CONTROL JOINTS AS PER DETAIL 14\_A/5028 ON THE DRAWINGS. USE 1/4 GA STUDS LIEU OF THE GAUGE OF STUDS CALLED OUT IN THE WALL TYPES.
- G. IN PLACES WHERE MECHANICAL DUCTS ARE DESIGNED TO PENETRATE THE FLOOR OR CEILING, PROVIDE 1/2" DIA. STUDS TO SUPPORT THE DUCTS. PROVIDE 1/2" DIA. STUDS ENCLOSURE AT TOP AND BOTTOM OF STUDS AS INDICATED IN DETAILS 8\_A/5028 AND 8\_B/5028
- H. IN PLACES WHERE A TWO-HOUR HORIZONTAL ENCLOSURE IS REQUIRED TO PROVIDE PROTECTION FROM FIRE, PROVIDE 1/2" DIA. STUDS TO SUPPORT THE FLOOR OR CEILING ASSEMBLY AS PER DETAILS 5\_A/5028 AND 8\_A/5028
- I. IN PLACES WHERE BACKING IS REQUIRED IN WALLS TO SUPPORT WALL HUNG EQUIPMENT, PROVIDE 1/2" DIA. STUDS TO SUPPORT WALLS AS PER DETAILS 5\_A/5028 AND 14\_A/5028

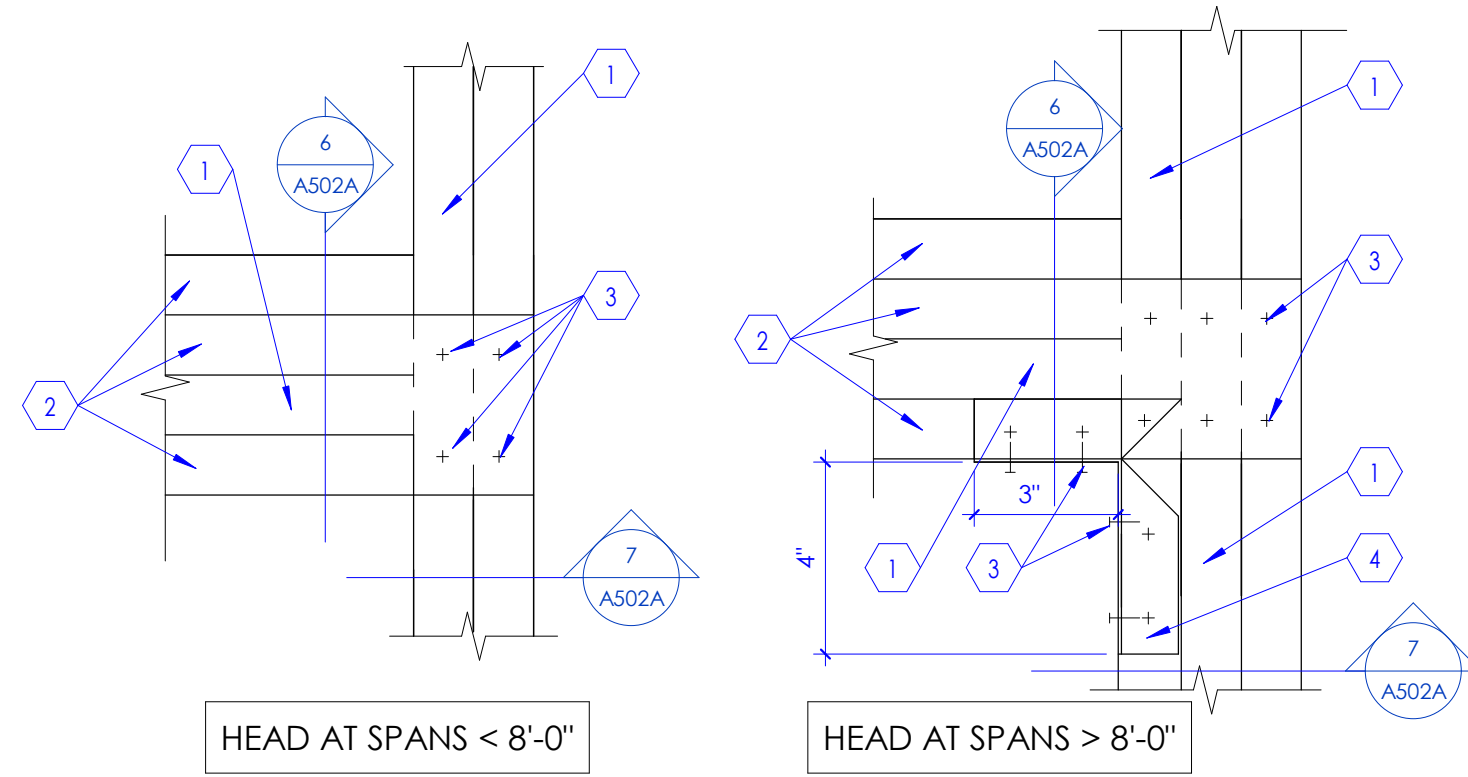






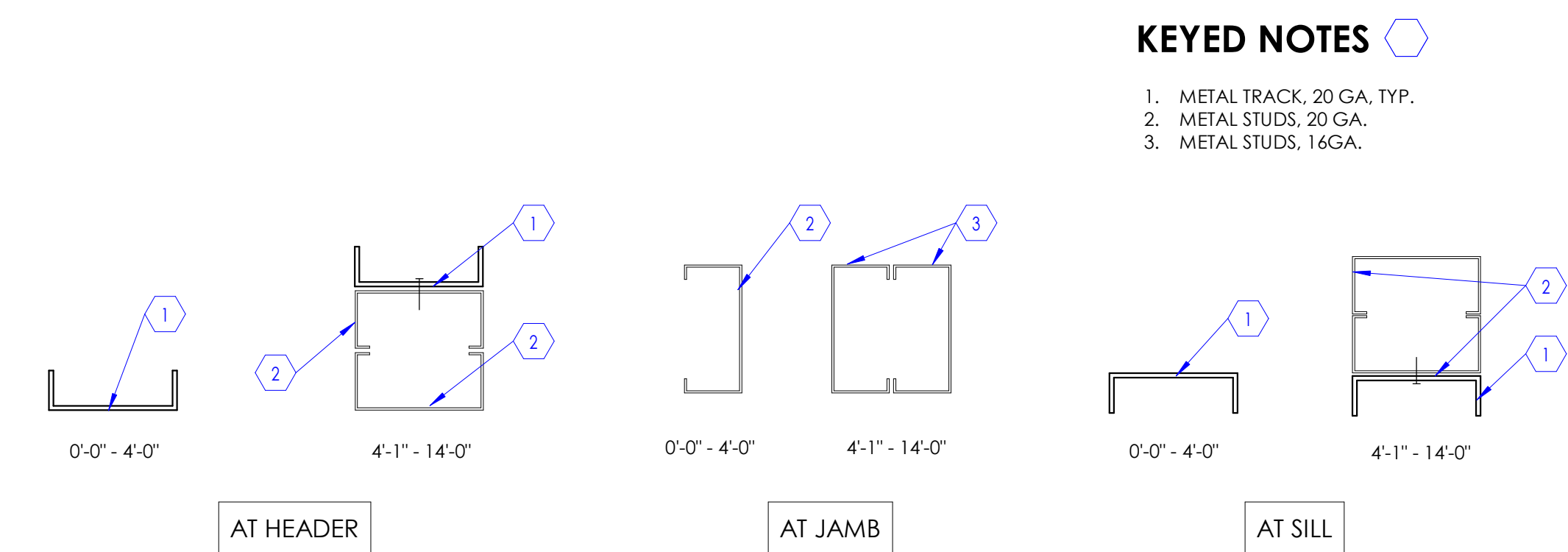
- KEYED NOTES**
1. METAL STUDS, SEE DETAIL 4/ A502A
  2. METAL TRACK, SEE DETAIL 4/ A502A
  3. SHEET METAL SCREWS #12 EA, SIDE
  4. BENT TRACK - 18 GA MIN. COPE WEB AT JAMB-SILL CONDITION.

**1 Framed Opening at Jamb/Sill Corner**  
SCALE: 3" = 1'-0"



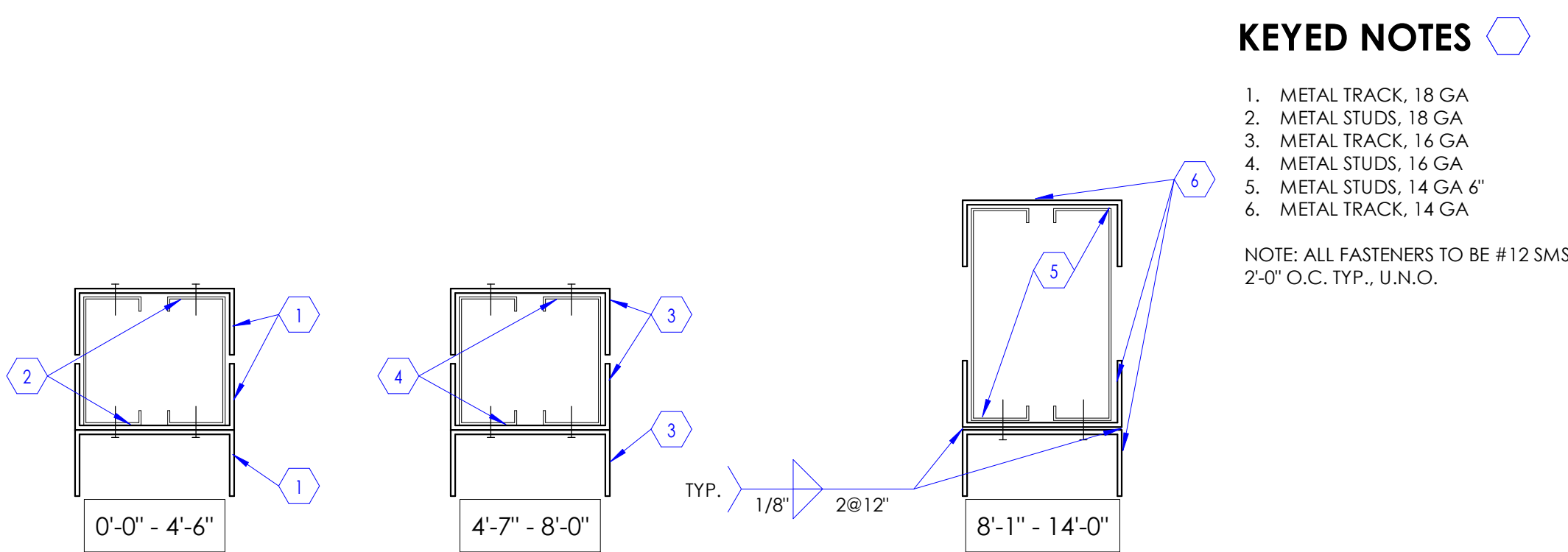
- KEYED NOTES**
1. METAL STUDS, SEE DETAIL 4/ A502A
  2. METAL TRACK, SEE DETAIL 4/ A502A
  3. SHEET METAL SCREWS #12 EA, SIDE
  4. BENT TRACK - 18 GA MIN. COPE WEB AT JAMB-HEADER CONDITION.

**2 Framed Opening at Jamb/Head Corner**  
SCALE: 3" = 1'-0"



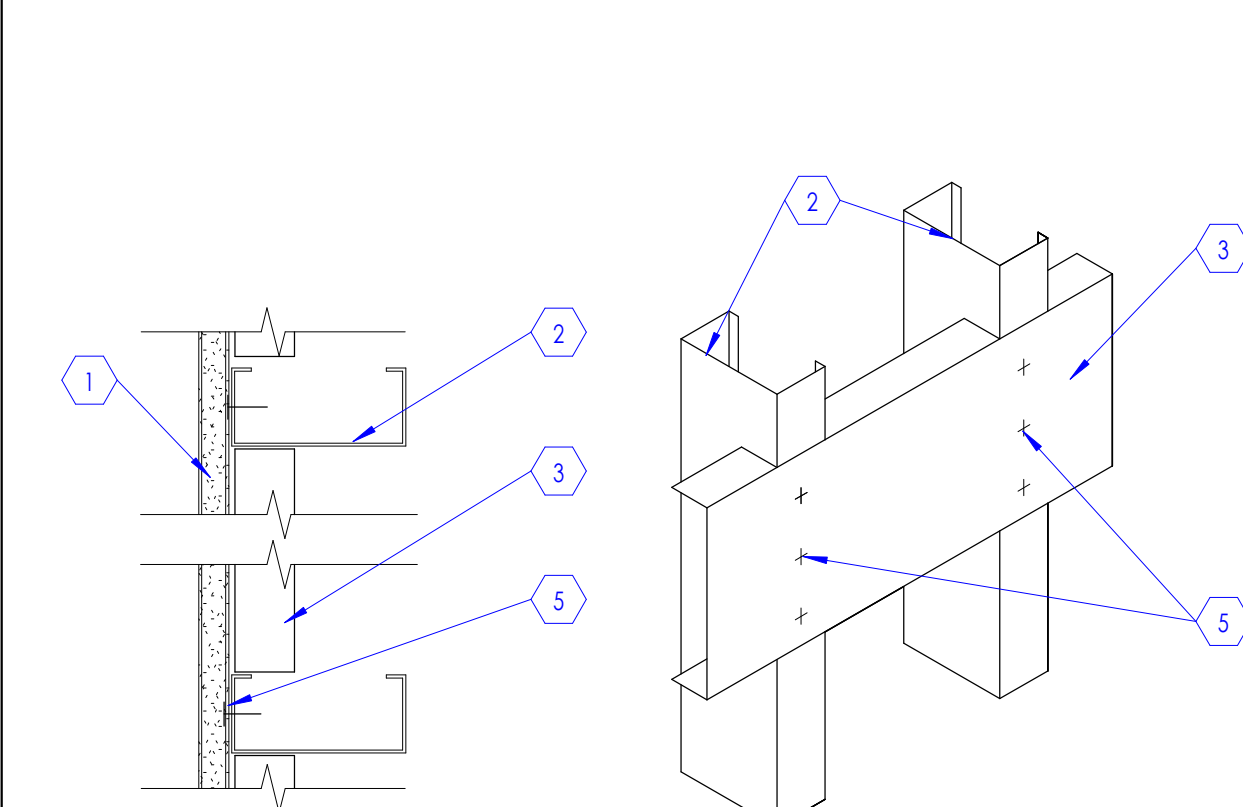
- KEYED NOTES**
1. METAL TRACK, 20 GA, TYP.
  2. METAL STUDS, 20 GA.
  3. METAL STUDS, 16GA.

**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. METAL STUDS, 14 GA 6"
  6. METAL TRACK, 14 GA
- NOTE: ALL FASTENERS TO BE #12 SMS @ 2'-0" O.C., TYP., U.N.O.

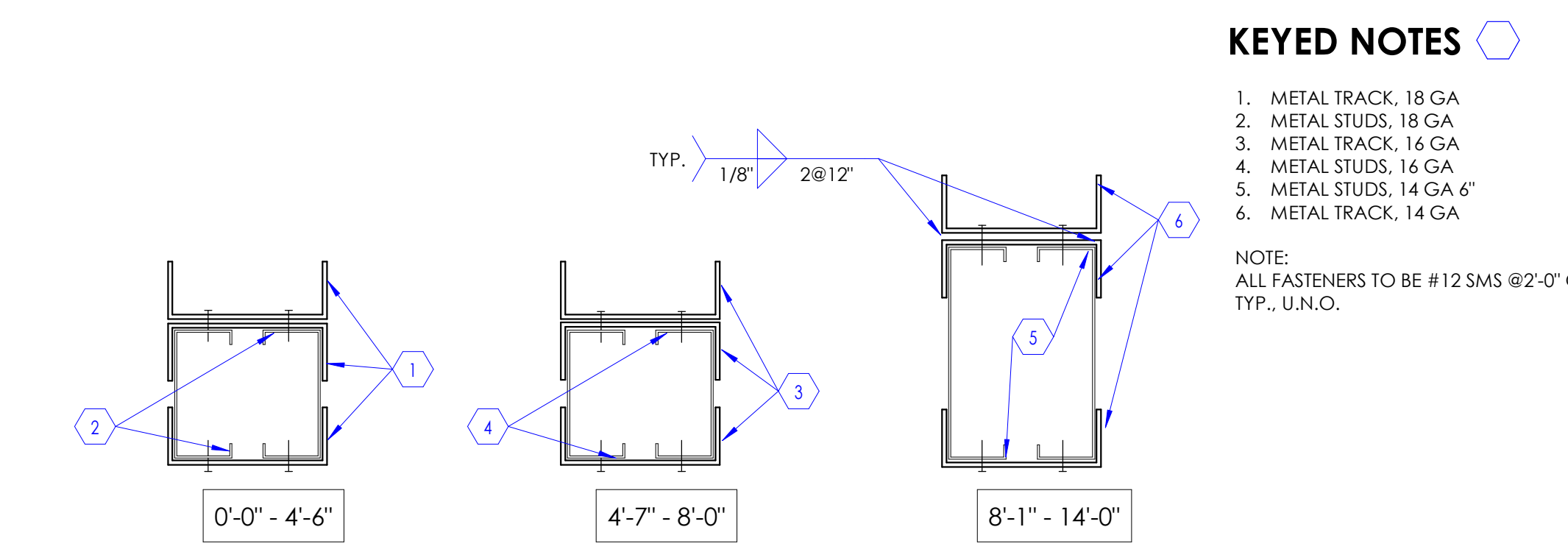
**4 Typical Window Opening Framing at Sill**  
SCALE: 3" = 1'-0"



- KEYED NOTES**
1. GYPSUM BOARD 5/8" TYPE 'X'.
  2. EXISTING OR NEW 3 5/8" OR 6" METAL STUDS AT 16" O.C.
  3. METAL STUD BLOCKING 6" X 16" GA. EXTEND BLOCKING TO NEXT STUD BEYOND EQUIPMENT - TYPICAL BOTH SIDES.
  4. SHEET METAL BACKING 6" X 12" GA. EXTEND BLOCKING TO NEXT STUD BEYOND EQUIPMENT - TYPICAL BOTH SIDES.
  5. SHEET METAL SCREW #10 AT EACH STUD.
  6. WHERE WALL TYPE INCLUDES RESILIENT CHANNELS, USE ADDITIONAL CHANNELS AS FURRING FOR BACKING AS REQUIRED.

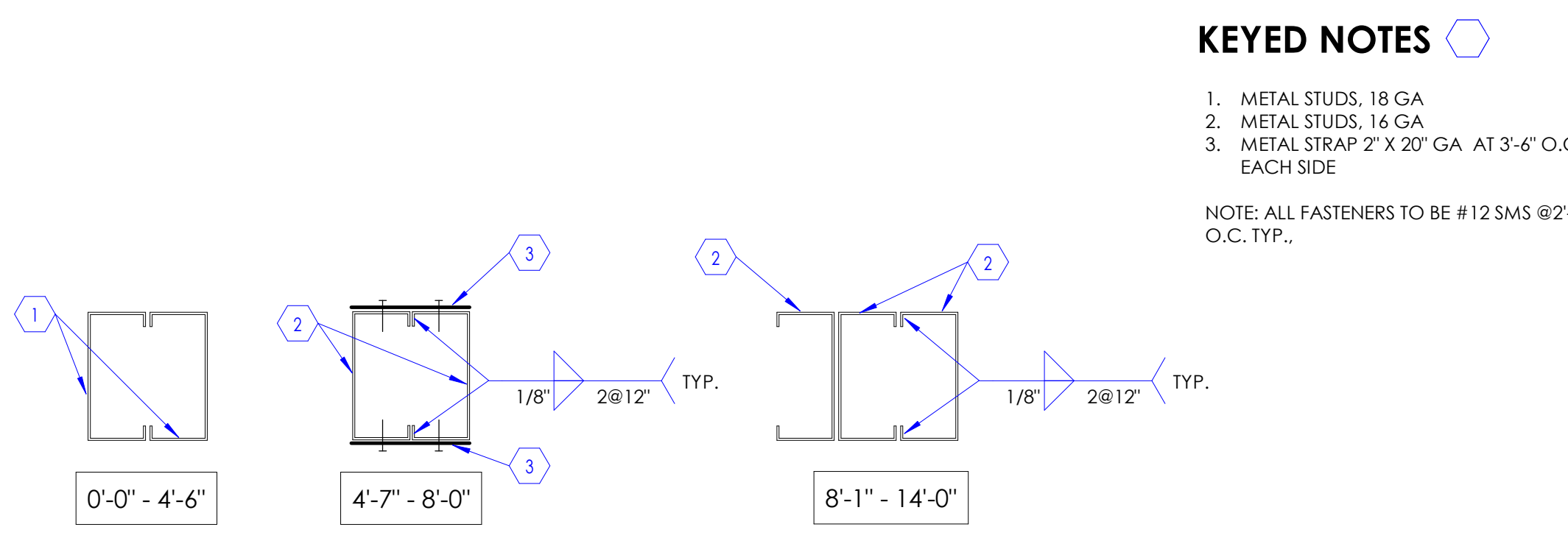
- GENERAL NOTES**
1. EXTEND BACKING PLATE TO NEXT STUD BEYOND SIDE OF FIXTURE OR ACCESSORIES - BOTH SIDES.
  2. PROVIDE METAL SLEEVES THROUGH WALL FINISH AT FIXTURE AND EQUIPMENT FASTENING.
  3. FOR MECHANICAL WORK ANCHORAGE SEE MECHANICAL DRAWINGS.

**5 Backing Plate Schedule**  
SCALE: 3" = 1'-0"



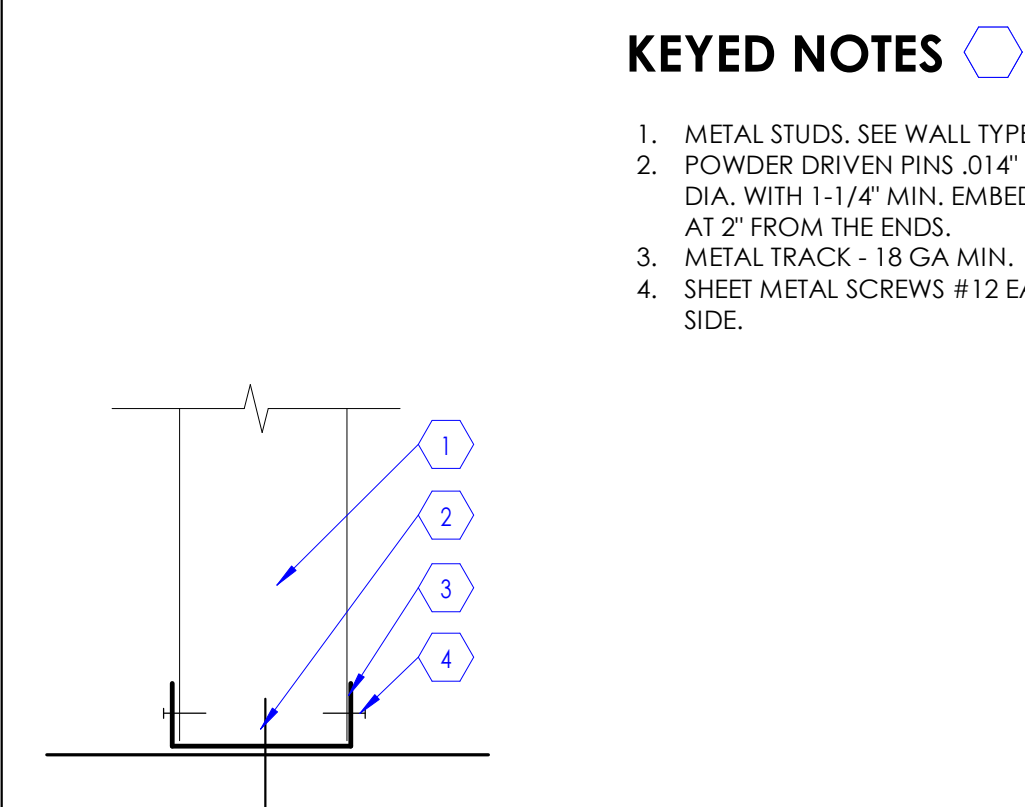
- KEYED NOTES**
1. METAL TRACK, 18 GA
  2. METAL STUDS, 18 GA
  3. METAL TRACK, 16 GA
  4. METAL STUDS, 16 GA
  5. METAL STUDS, 14 GA 6"
  6. METAL TRACK, 14 GA
- NOTE: ALL FASTENERS TO BE #12 SMS @2'-0" O.C., TYP., U.N.O.

**6 Typical Door and Window Opening Framing at Header**  
SCALE: 3" = 1'-0"



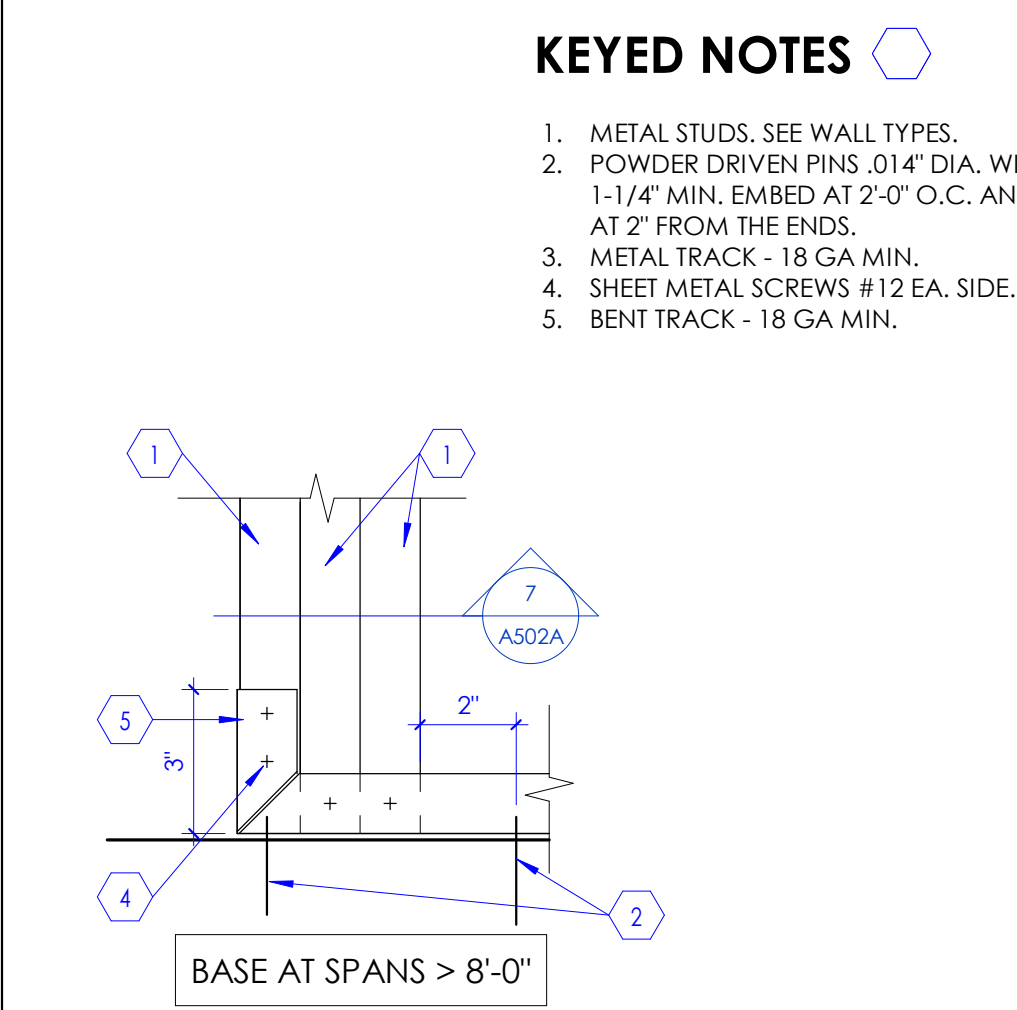
- KEYED NOTES**
1. METAL STUDS, 18 GA
  2. METAL STUDS, 16 GA
  3. METAL STRAP 2" X 20" GA AT 3'-6" O.C. EACH SIDE
- NOTE: ALL FASTENERS TO BE #12 SMS @2'-0" O.C., TYP., U.N.O.

**7 Typical Door and Window Opening Framing at Jamb**  
SCALE: 3" = 1'-0"



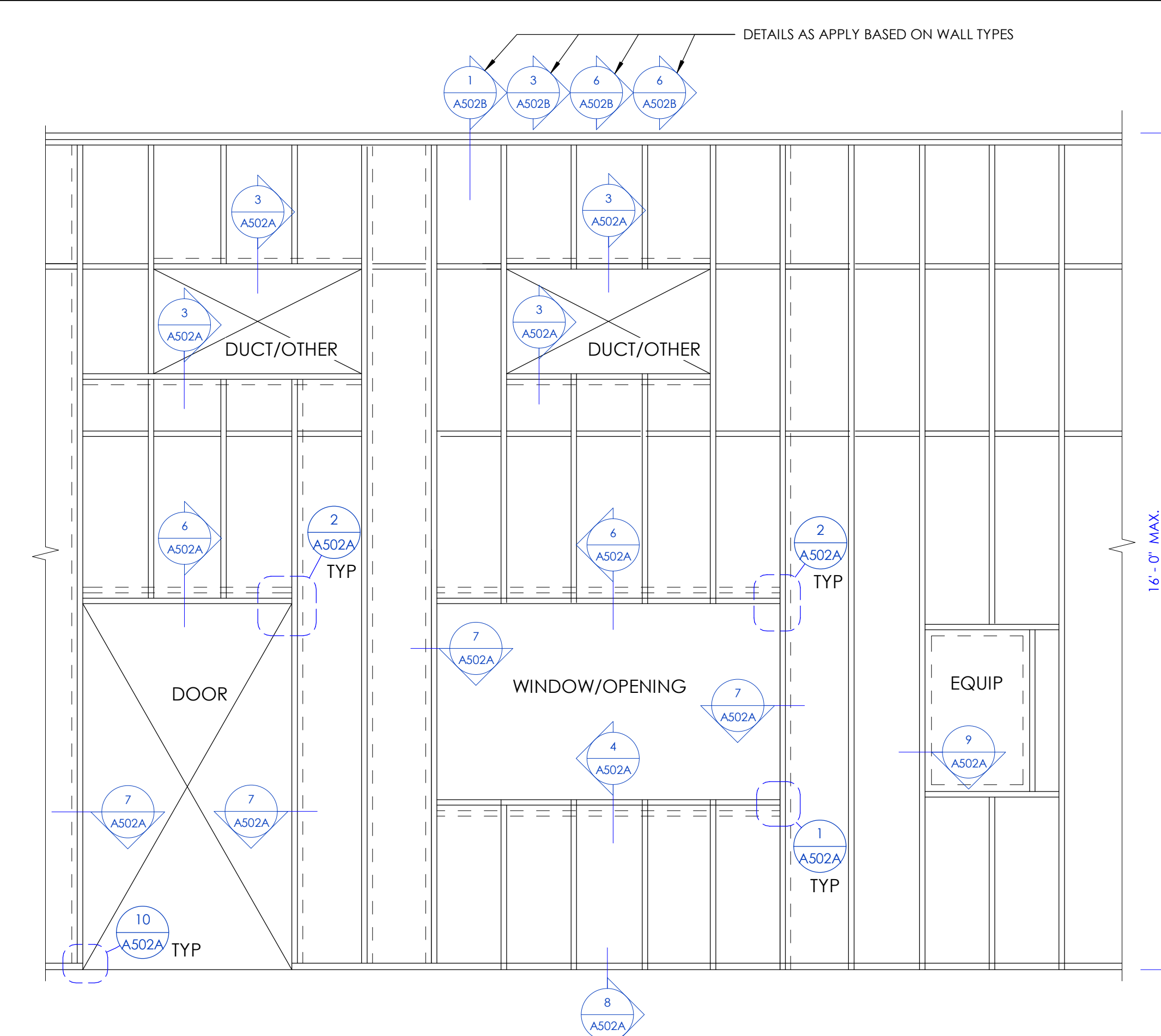
- KEYED NOTES**
1. METAL STUDS, SEE WALL TYPES.
  2. POWDER DRIVEN PINS .014" DIA. WITH 1-1/4" MIN. EMBED AT 2" FROM THE ENDS.
  3. METAL TRACK - 18 GA MIN.
  4. SHEET METAL SCREWS #12 EA, SIDE.

**8 Base Track Detail**  
SCALE: 3" = 1'-0"

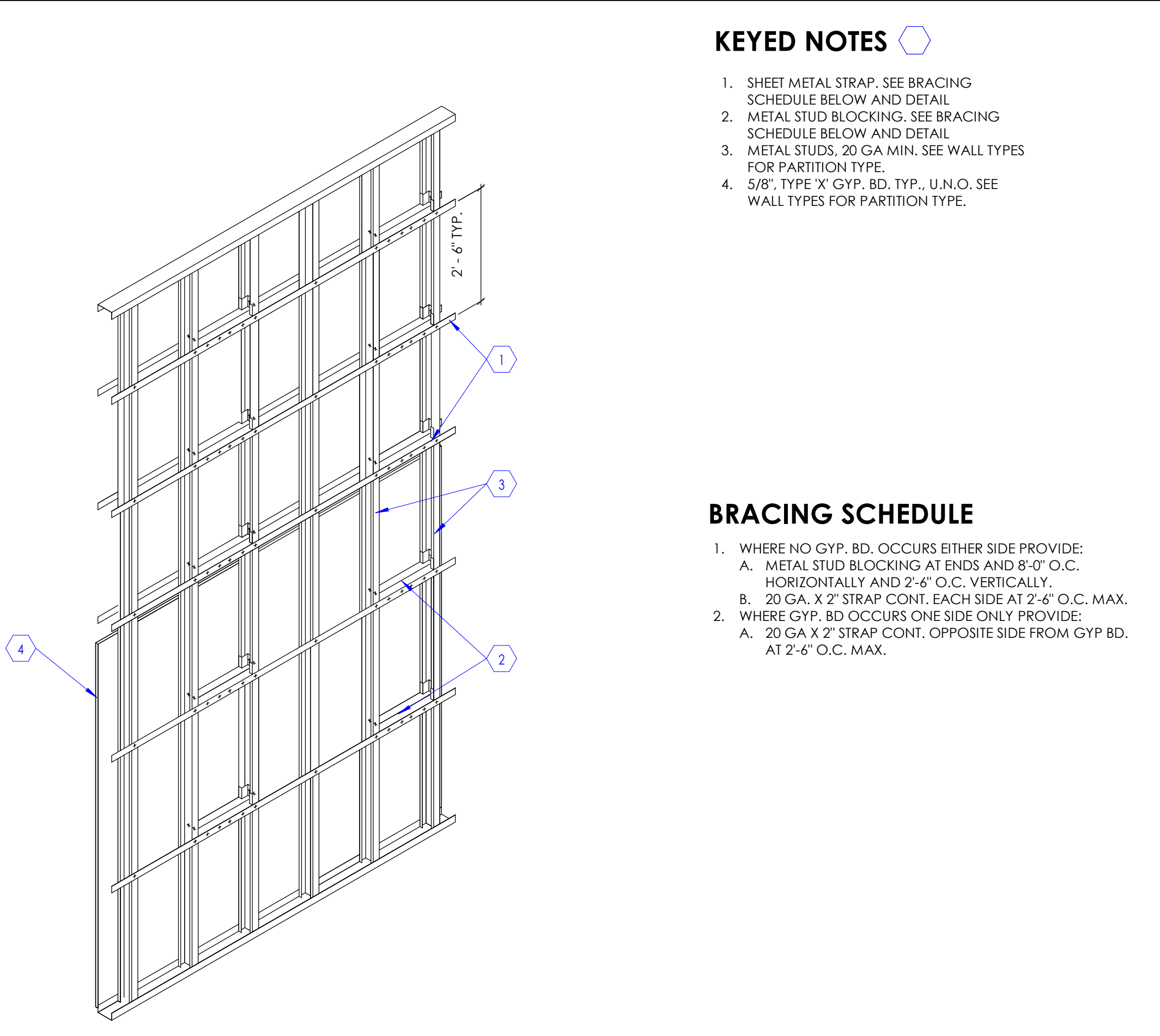


- KEYED NOTES**
1. METAL STUDS, SEE WALL TYPES.
  2. POWDER DRIVEN PINS .014" DIA. WITH 1-1/4" MIN. EMBED AT 2'-0" O.C. AND AT 2" FROM THE ENDS.
  3. METAL TRACK - 18 GA MIN.
  4. SHEET METAL SCREWS #12 EA, SIDE.
  5. BENT TRACK - 18 GA MIN.

**10 Framed Opening at Jamb**  
SCALE: 3" = 1'-0"



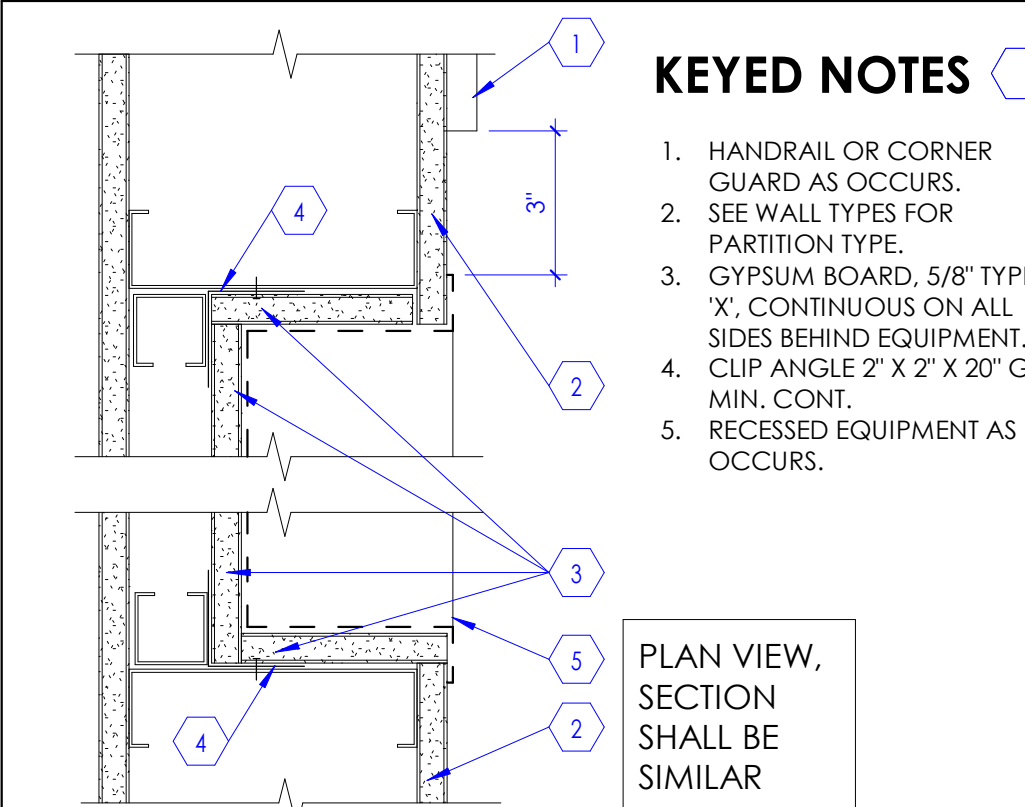
**11 Typical Wall and Opening Framing Detail**  
SCALE: 1/2" = 1'-0"



- 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.

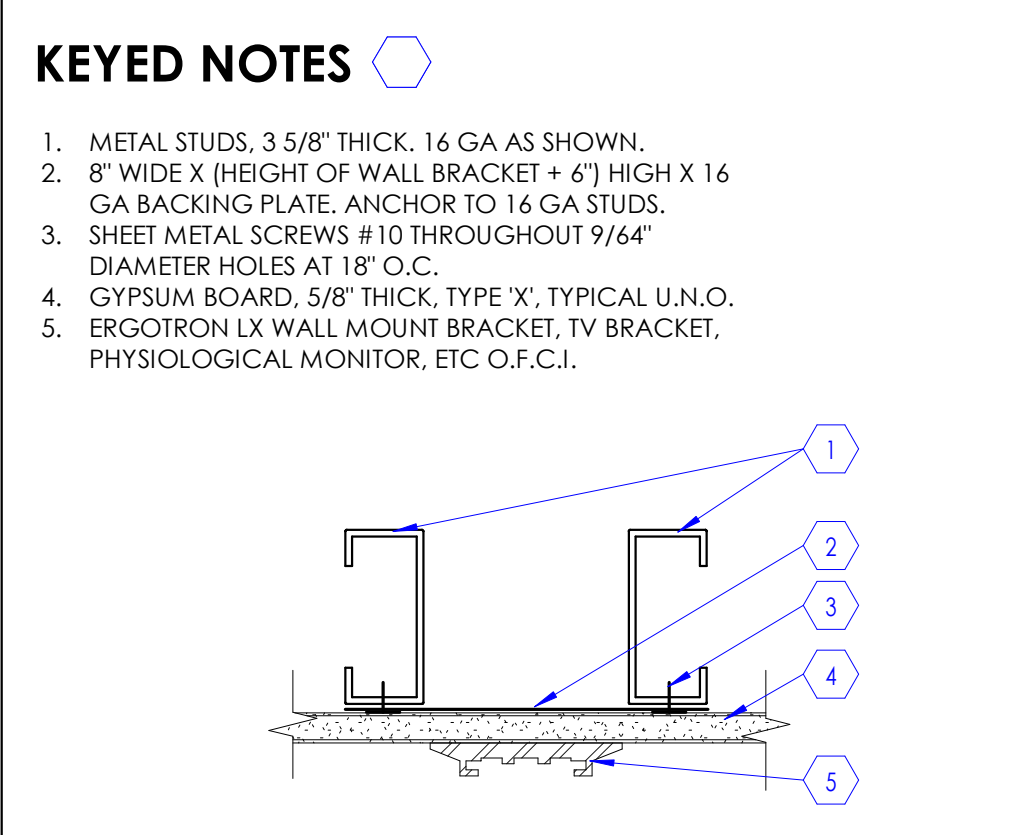
- BRACING SCHEDULE**
1. WHERE NO GYP. BD. OCCURS EITHER SIDE PROVIDE:  
A. METAL STUD BLOCKING AT ENDS AND 8'-0" O.C. HORIZONTALLY AND 2'-6" O.C. VERTICALLY.  
B. 20 GA. X 2" STRAP CONT. EACH SIDE AT 2'-6" O.C. MAX.
  2. WHERE GYP. BD. OCCURS ONE SIDE ONLY PROVIDE:  
A. 20 GA X 2" STRAP CONT. OPPOSITE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

**12 Typical Bracing at One Sided Partition**  
SCALE: 3" = 1'-0"

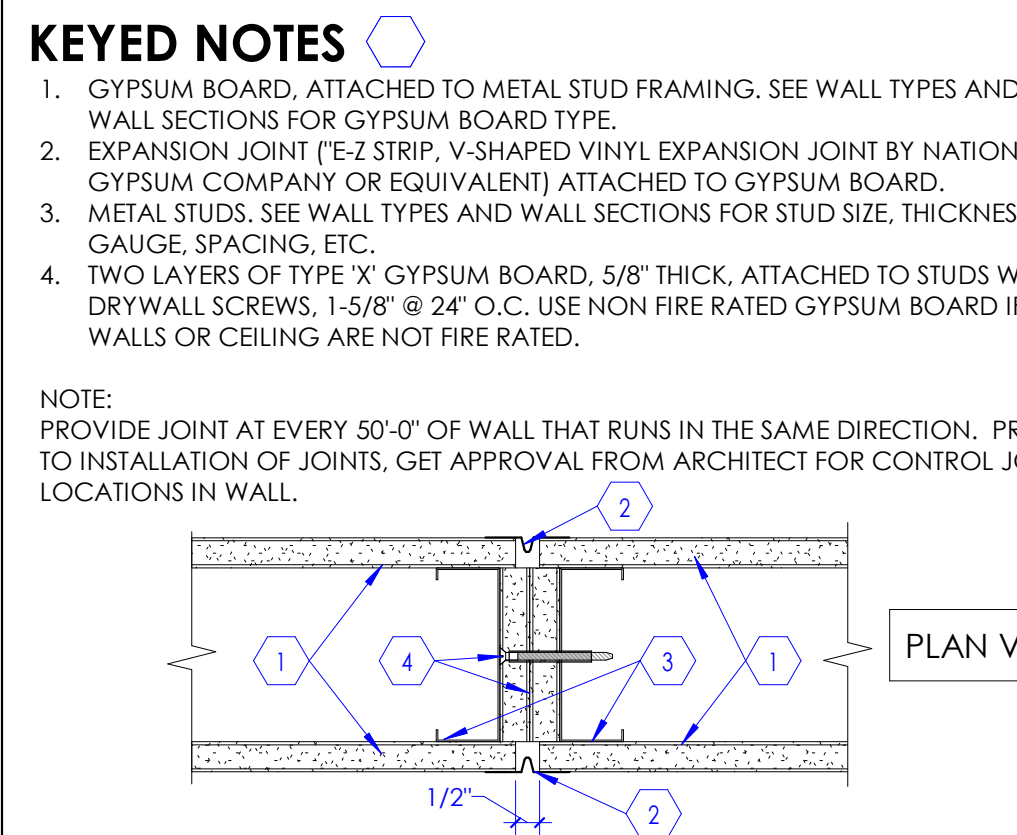


- KEYED NOTES**
1. HANDRAIL OR CORNER GUARD AS OCCURS.
  2. SEE WALL TYPES FOR PARTITION TYPE.
  3. GYPSUM BOARD, 5/8" TYPE 'X', CONTINUOUS ON ALL SIDES BEHIND EQUIPMENT.
  4. CLIP ANGLE 2" X 2" X 20" GA MIN. CONT.
  5. RECESSED EQUIPMENT AS OCCURS.
- PLAN VIEW, SECTION SHALL BE SIMILAR

**9 Detail at Recessed Equip.**  
SCALE: 3" = 1'-0"



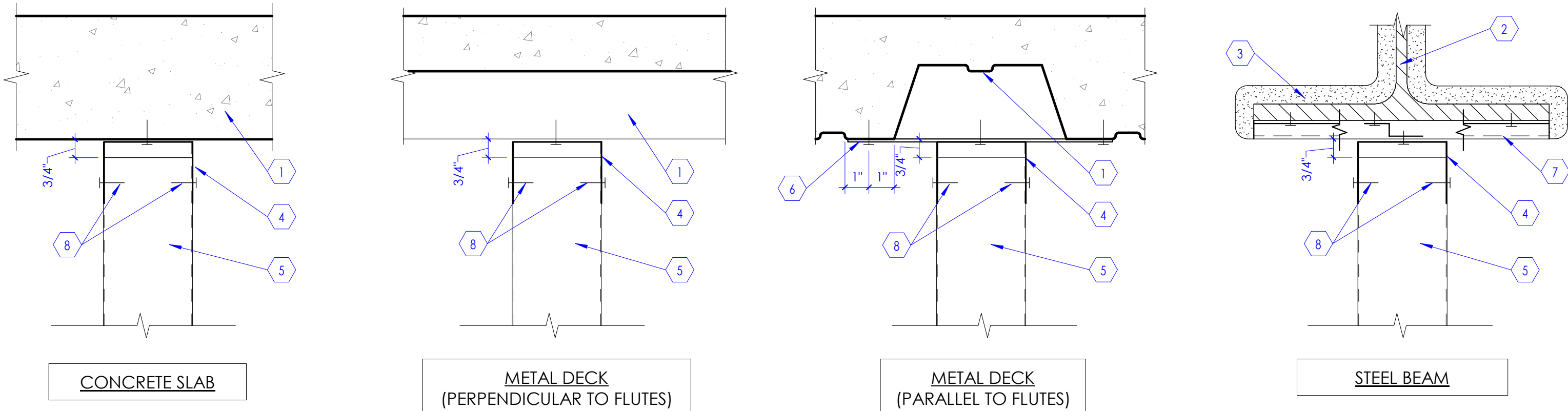
**13 Plan Detail at Bracket**  
SCALE: 3" = 1'-0"



**14 Control Joint - Gypsum Board**  
SCALE: 3" = 1'-0"

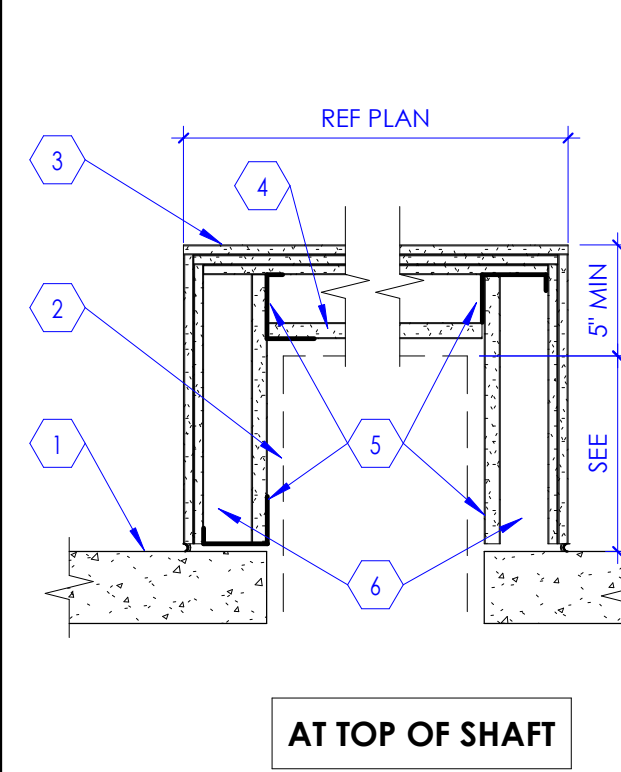
- KEYED NOTES**
1. GYPSUM BOARD, ATTACHED TO METAL STUD FRAMING. SEE WALL TYPES AND WALL SECTIONS FOR GYPSUM BOARD TYPE.
  2. EXPANSION JOINT (E-Z STRIP, V-SHAPED VINYL EXPANSION JOINT BY NATIONAL GYPSUM COMPANY OR EQUIVALENT) ATTACHED TO GYPSUM BOARD.
  3. METAL STUDS, SEE WALL TYPES AND WALL SECTIONS 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.





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 / A502B
5. METAL STUD WALL. SEE WALL TYPES ON SHEET A501A FOR ADDITIONAL INFORMATION.
6. STRAPS 2" x 18" GA AT 16" O.C.
7. Z-BARS 20 GA TO ACCOMMODATE SFRM THICKNESS.



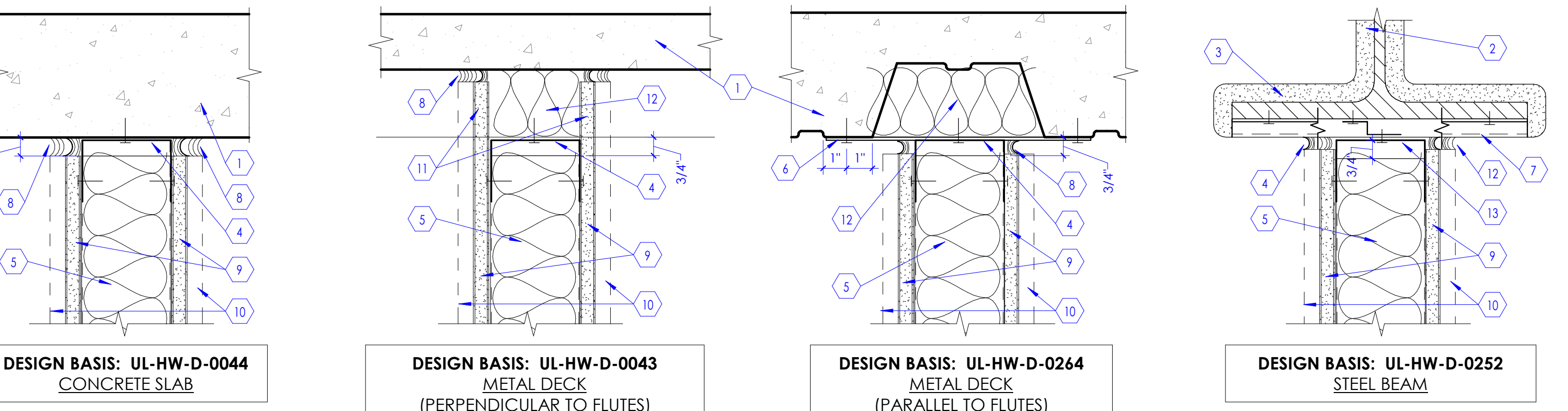
KEYED NOTES

1. FLOOR SLAB OR ROOF DECK AS OCCURS.
2. MECHANICAL DUCTWORK.
3. GYPSUM BOARD 3 LAYERS OF 5/8" AT HORIZONTAL PLANE.
4. GYPSUM BOARD 1" THICK SHAFT LINER PANEL.
5. J-RUNNERS
6. 2-HR RATED SHAFT WALL CONSTRUCTION WITH 4" C-H STUDS. SEE WALL TYPES ON SHEET A501A.

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

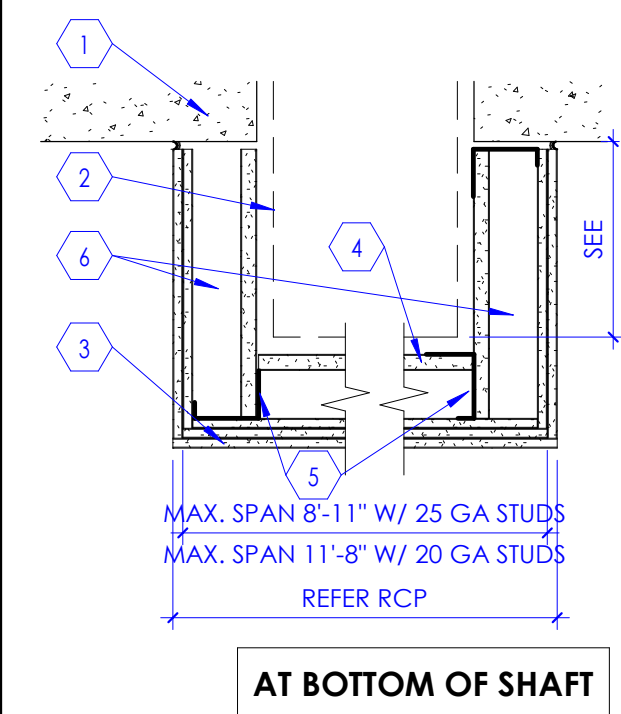
2-HR Enclosure at Top of Shaft

SCALE: 1" = 1'-0"



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 / A502B
5. METAL STUD WALL. SEE WALL TYPES ON SHEET A501A FOR ADDITIONAL INFORMATION.
6. STRAPS 2" x 18" GA AT 16" O.C.
7. Z-BARS, 20 GA 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. GYPSUM BOARD CUT TO FOLLOW PROFILE OF DECKING AT SMOKE PARTITION BOTH AT SOUND WALLS.
12. FILL FLUTE VOID WITH BATT INSULATION.



KEYED NOTES

1. FLOOR SLAB AS OCCURS.
2. MECHANICAL DUCTWORK.
3. GYPSUM BOARD 3 LAYERS OF 5/8" AT HORIZONTAL PLANE.
4. GYPSUM BOARD 1" THICK SHAFT LINER PANEL.
5. J-RUNNERS
6. 2-HR RATED SHAFT WALL CONSTRUCTION. SEE WALL TYPES ON SHEET A501A.

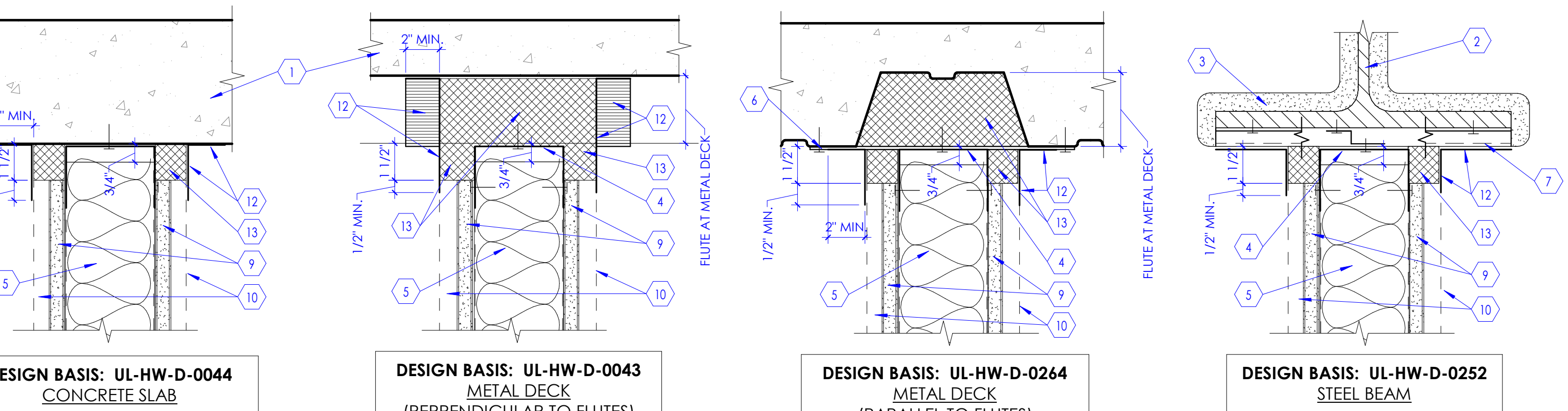
RATING INFORMATION:  
FIRE RATING - 2 HOUR TEST:  
PEI AER-09038  
WHI-495-PSH 0154/0167

2-HR Enclosure at B.O. Shaft

SCALE: 1" = 1'-0"

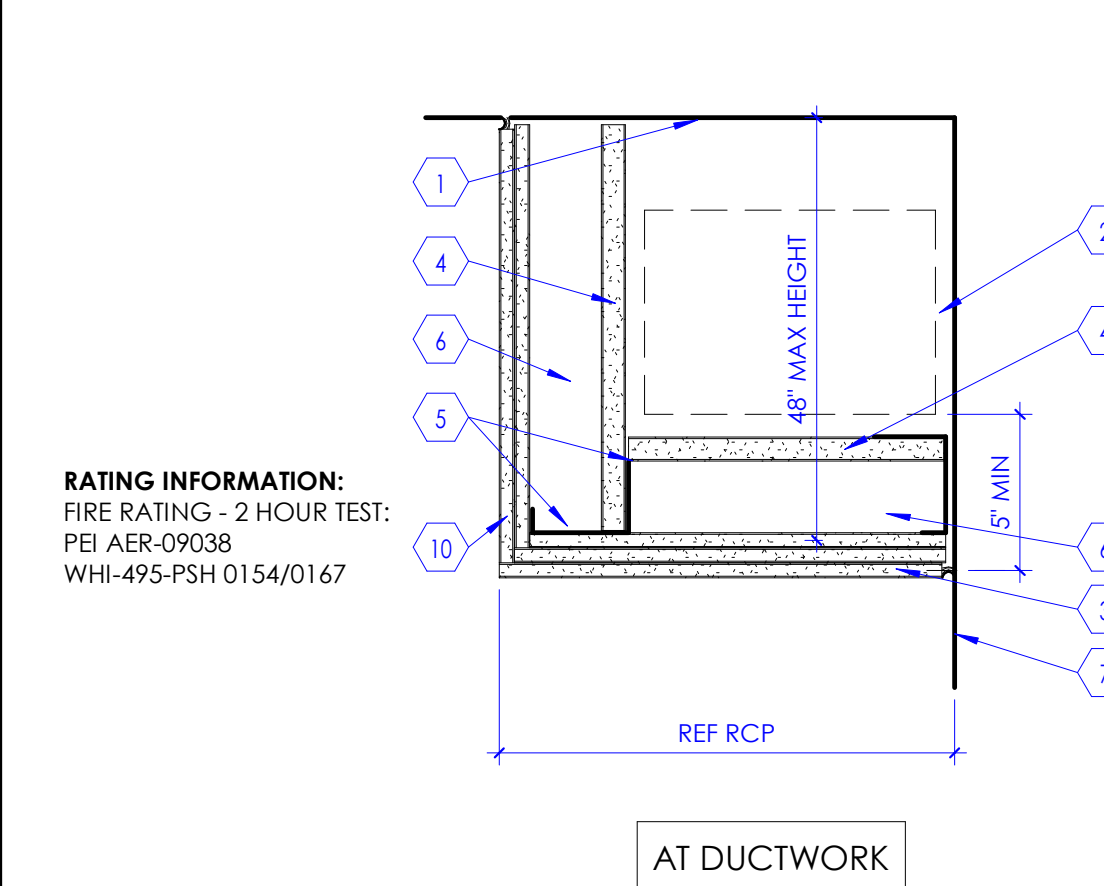
Head Condition at Smoke Partitions and Sound Barrier Walls

SCALE: 3" = 1'-0"



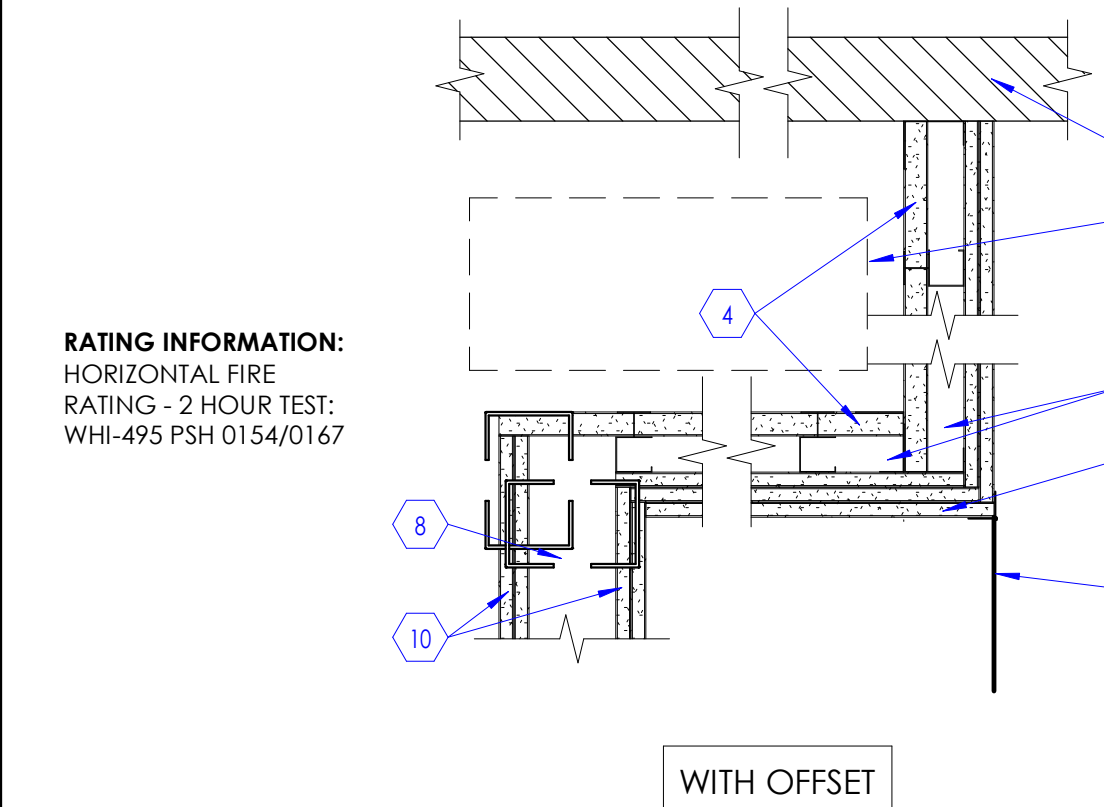
KEYED NOTES

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 / A502B
5. METAL STUD WALL. SEE WALL TYPES ON SHEET A501A FOR ADDITIONAL INFORMATION.
6. STRAPS 2" x 18" GA AT 16" O.C.
7. Z-BARS, 20 GA 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. GYPSUM BOARD CUT TO FOLLOW PROFILE OF DECKING AT SMOKE PARTITION BOTH AT SOUND WALLS.
12. FIRE STOP JOINT SPRAY.
13. MINERAL WOOL 4 LB. FRICTION FIT BETWEEN TOP TRACK AND FLUTE.



AT DUCTWORK

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



WITH OFFSET

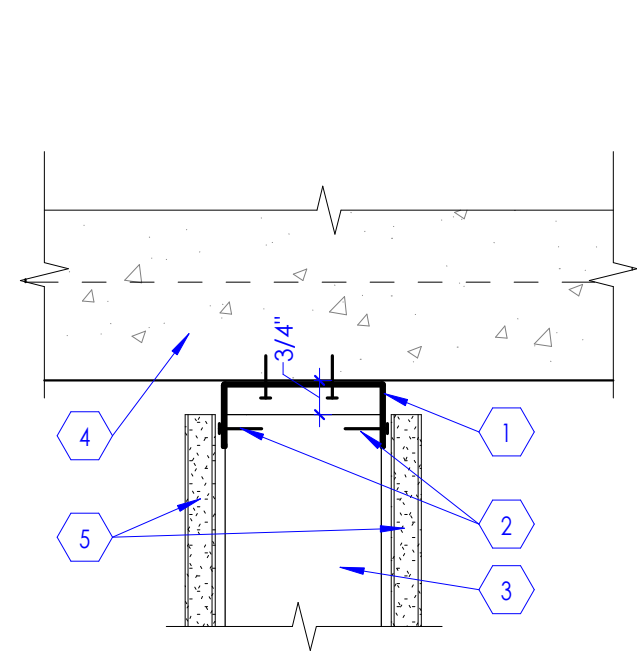
RATING INFORMATION:  
HORIZONTAL FIRE  
RATING - 2 HOUR TEST:  
WHI-495-PSH 0154/0167

2-HR Horizontal Enclosure

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

Head Condition at Fire Rated Partitions

SCALE: 3" = 1'-0"



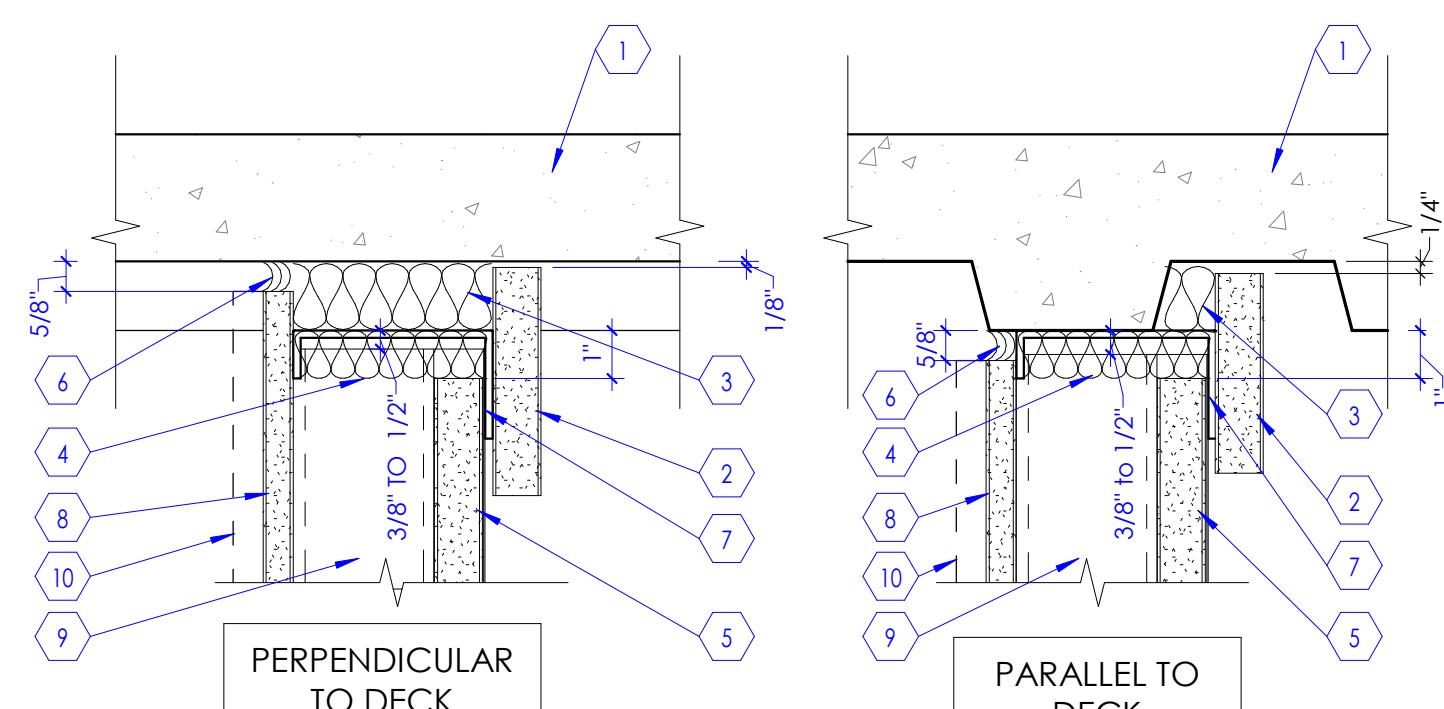
ISOMETRIC VIEW OF SLOTTED TOP TRACK

KEYED NOTES

1. SLOTTED DEEP LEG DEFLECTION TRACK, 1/4" 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 A501A.
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. GWS 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 FLOOR 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 GWS 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.

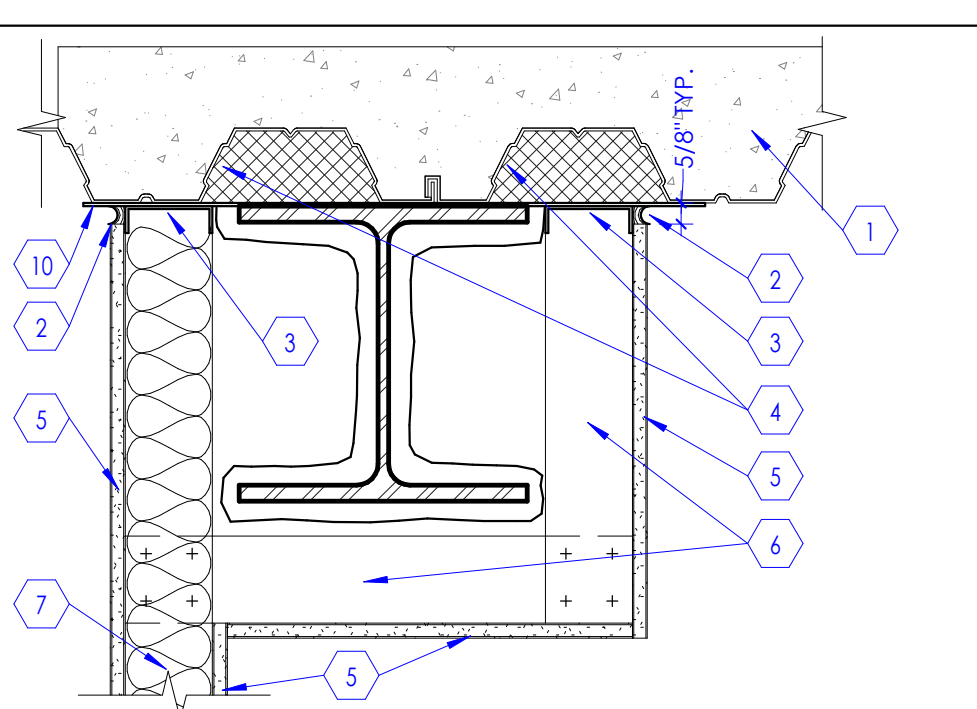


PERPENDICULAR TO DECK

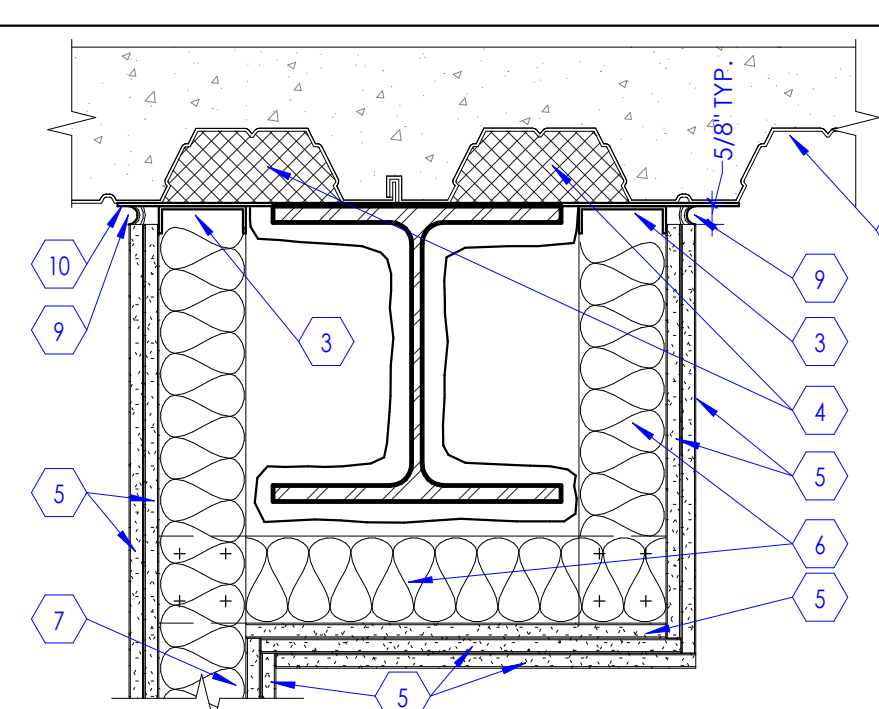
PARALLEL TO DECK

Head Detail at Shaft Wall

SCALE: 3" = 1'-0"



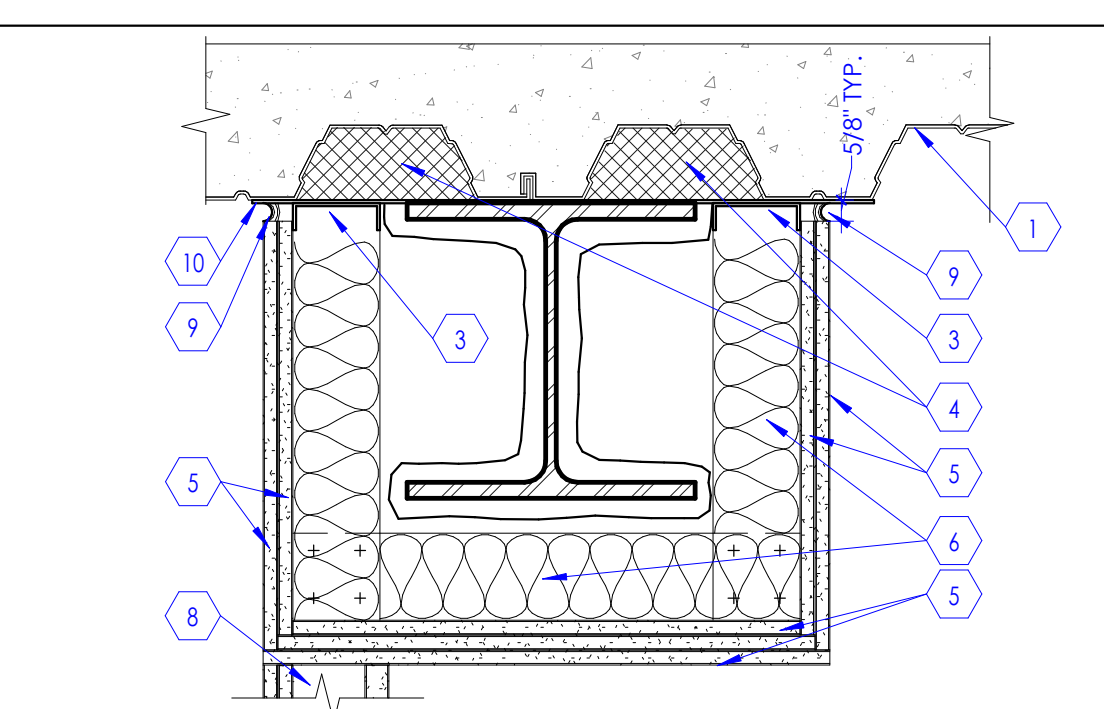
NOTE: THIS DETAIL APPLIES AT ALL FULL HEIGHT NON-RATED, SMOKE TIGHT, OR 1 HOUR RATED PARTITIONS WHERE GWS IS OBSTRUCTED. U.N.O.



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

Alternate Framing Details at Rated Walls

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



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 / A502B
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. STRAPS, 2" x 18" GA AT 16" O.C.

Slip Connection Detail

SCALE: 3" = 1'-0"



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

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

SCALE: 3" = 1'-0"

SCALE: 3" = 1'-0"

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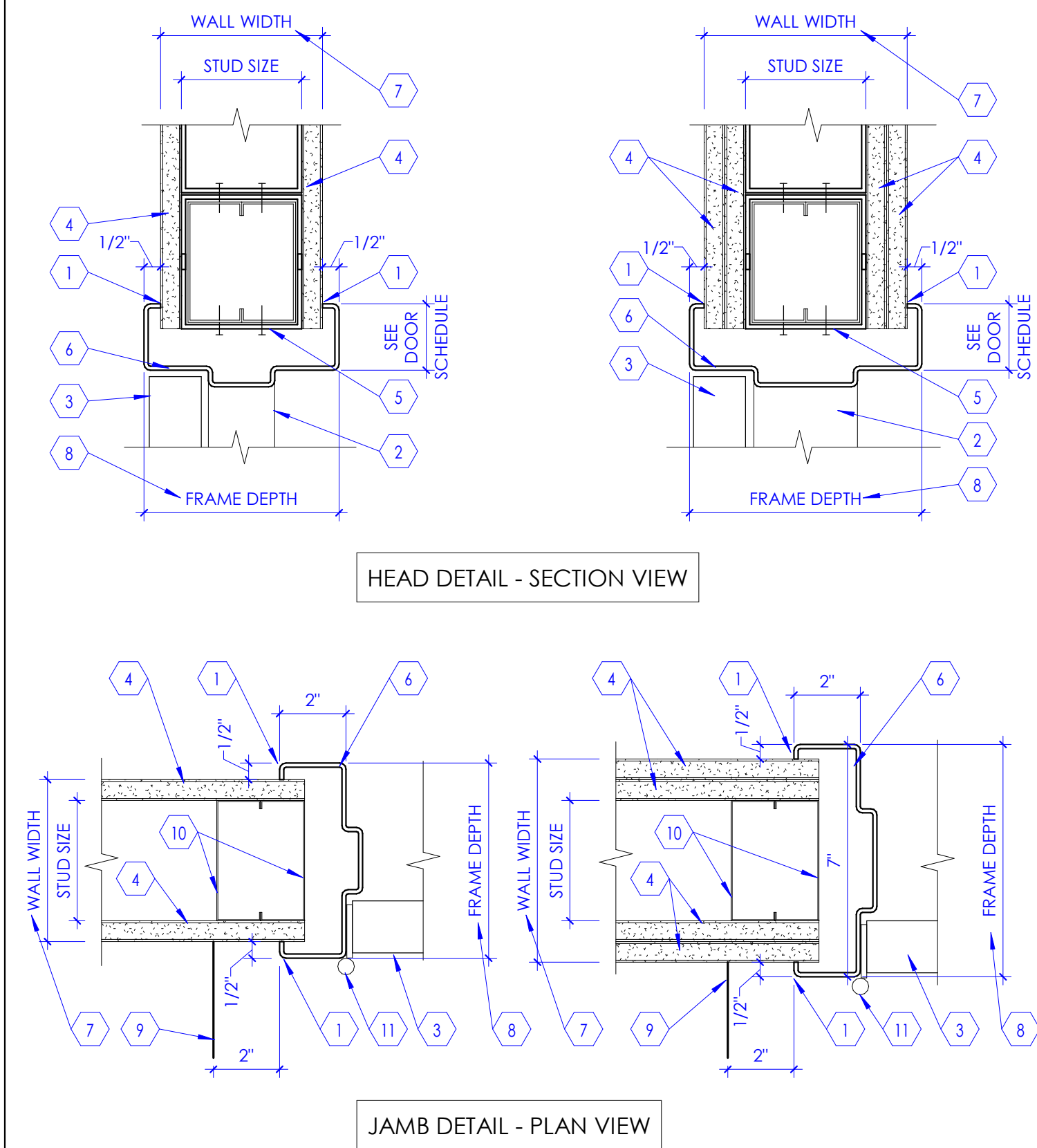
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1 Door Frame in Stud Wall

SCALE: 3" = 1'-0"

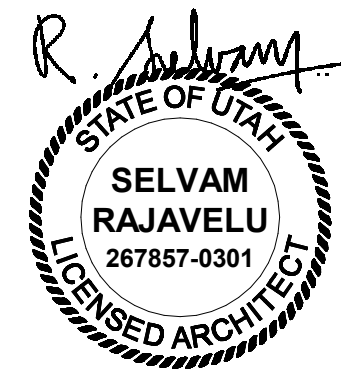


KEYED NOTES

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 STUD FRAMING, SEE WALL TYPES.
5. STEEL RUNNER (18 GAUGE) FASTENED WITH SCREWS TO STUD STUDS AT EACH END. SEE DETAIL 4 / A502A.
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".
9. LINE OF WALL, AS OCCURS.
10. PROVIDE DOUBLE METAL STUDS AT FRAME JAMBS, WALL ENDS, ETC. PROVIDE STEEL STRAPS (6" HIGH 16 GAUGE STRAPS AT 2'-0" O.C.) SEE DETAIL 7 / A502A.
11. DOOR HINGE AS OCCURS. SEE DOOR AND HARDWARE SCHEDULE. SEE FLOOR PLAN FOR DOOR SWING.



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Intermountain Health  
Layton Hospital  
Pathology and Locker Room Remodel

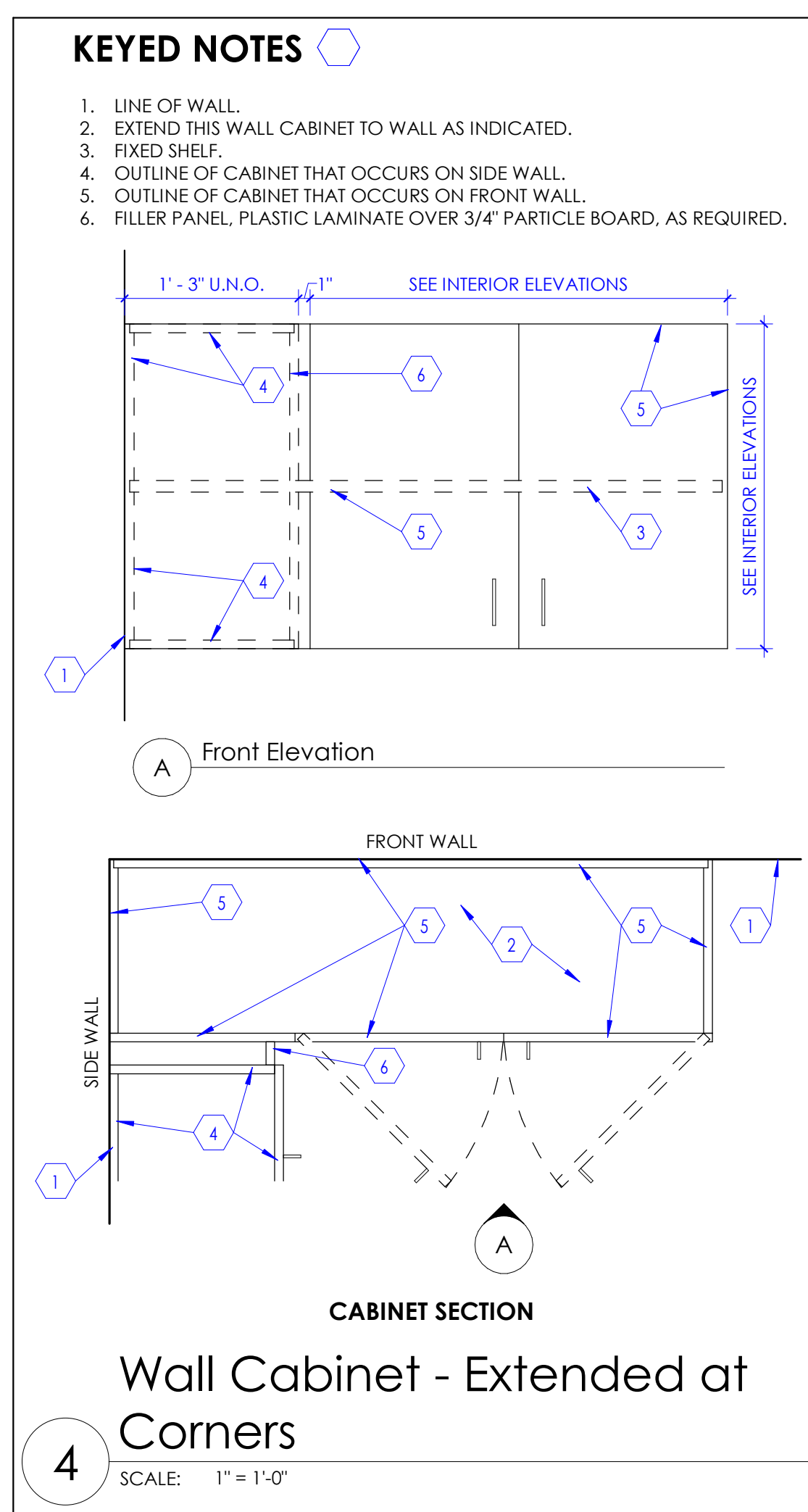
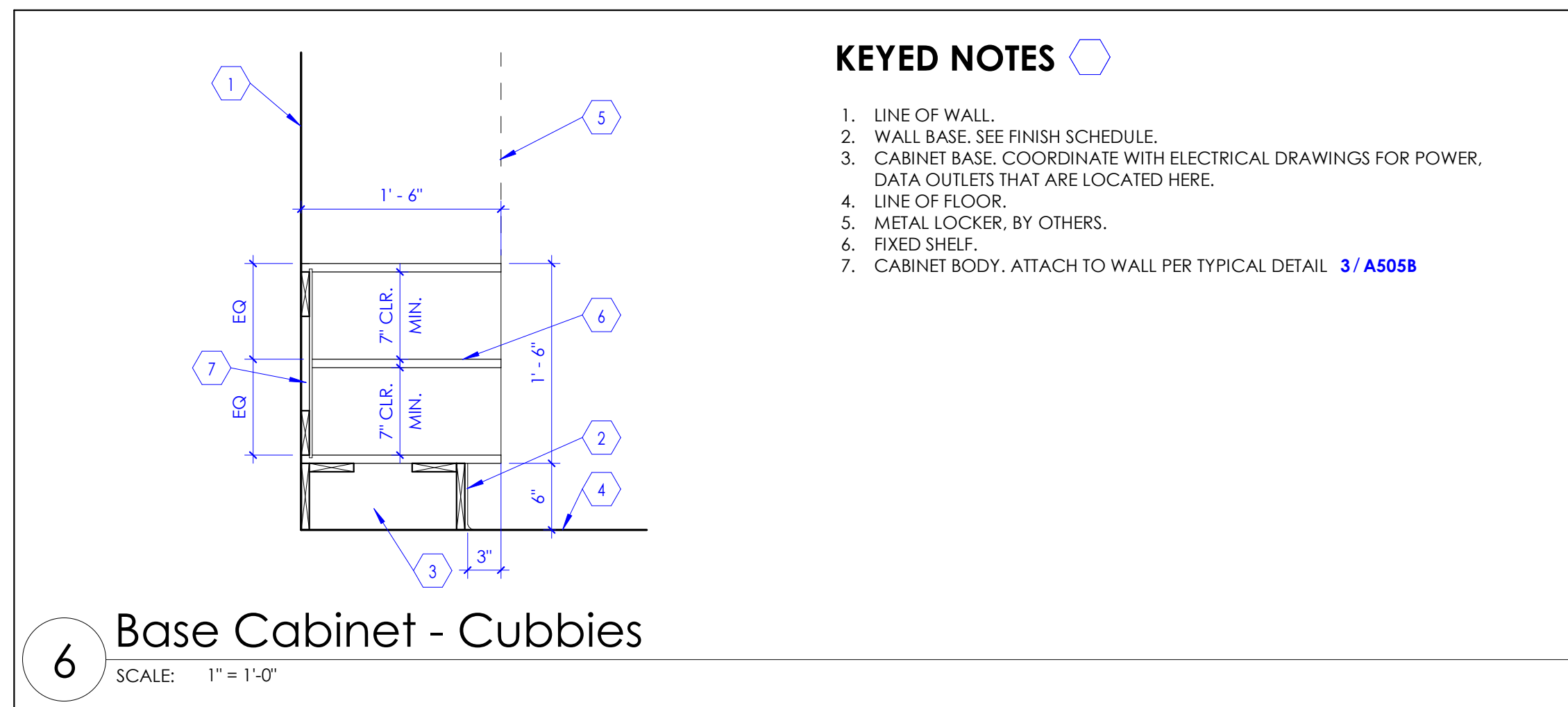
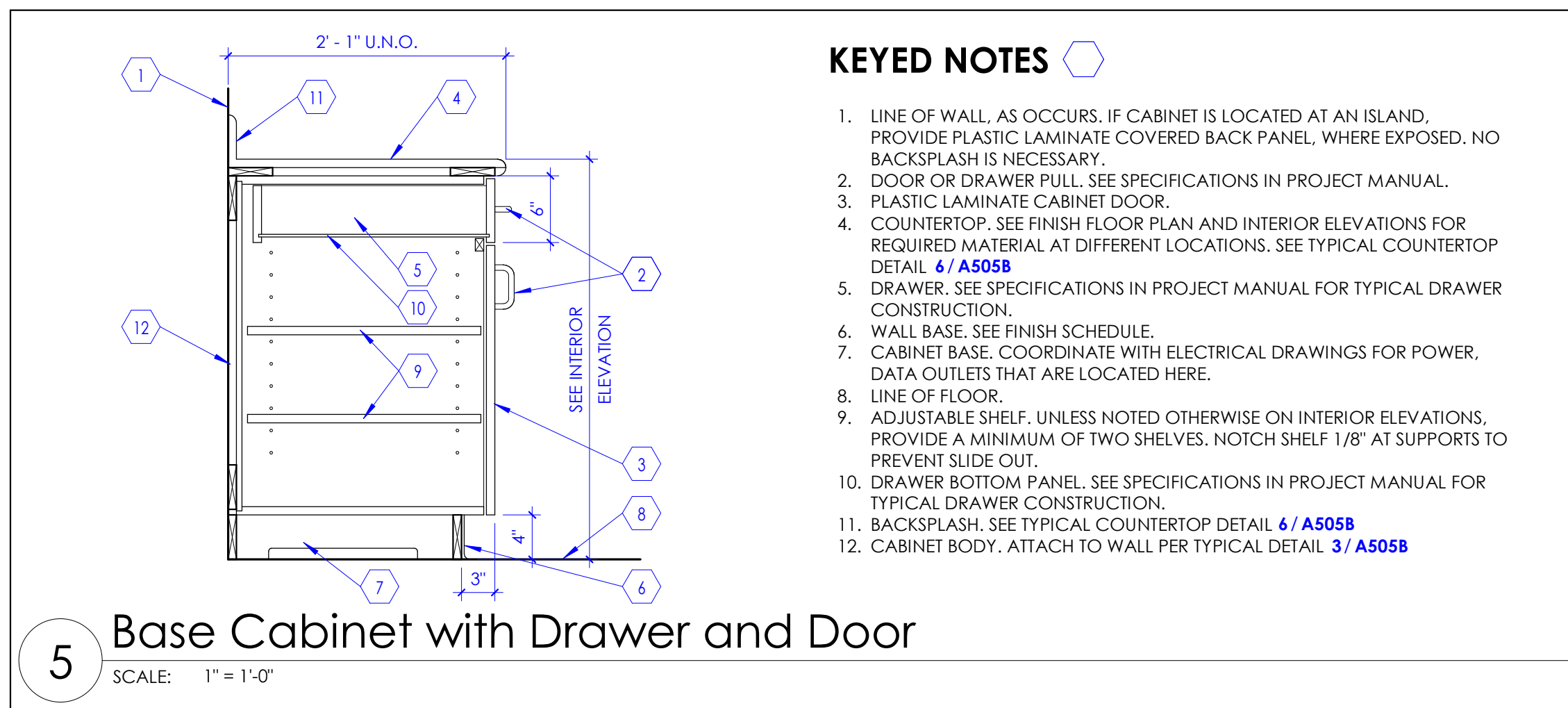
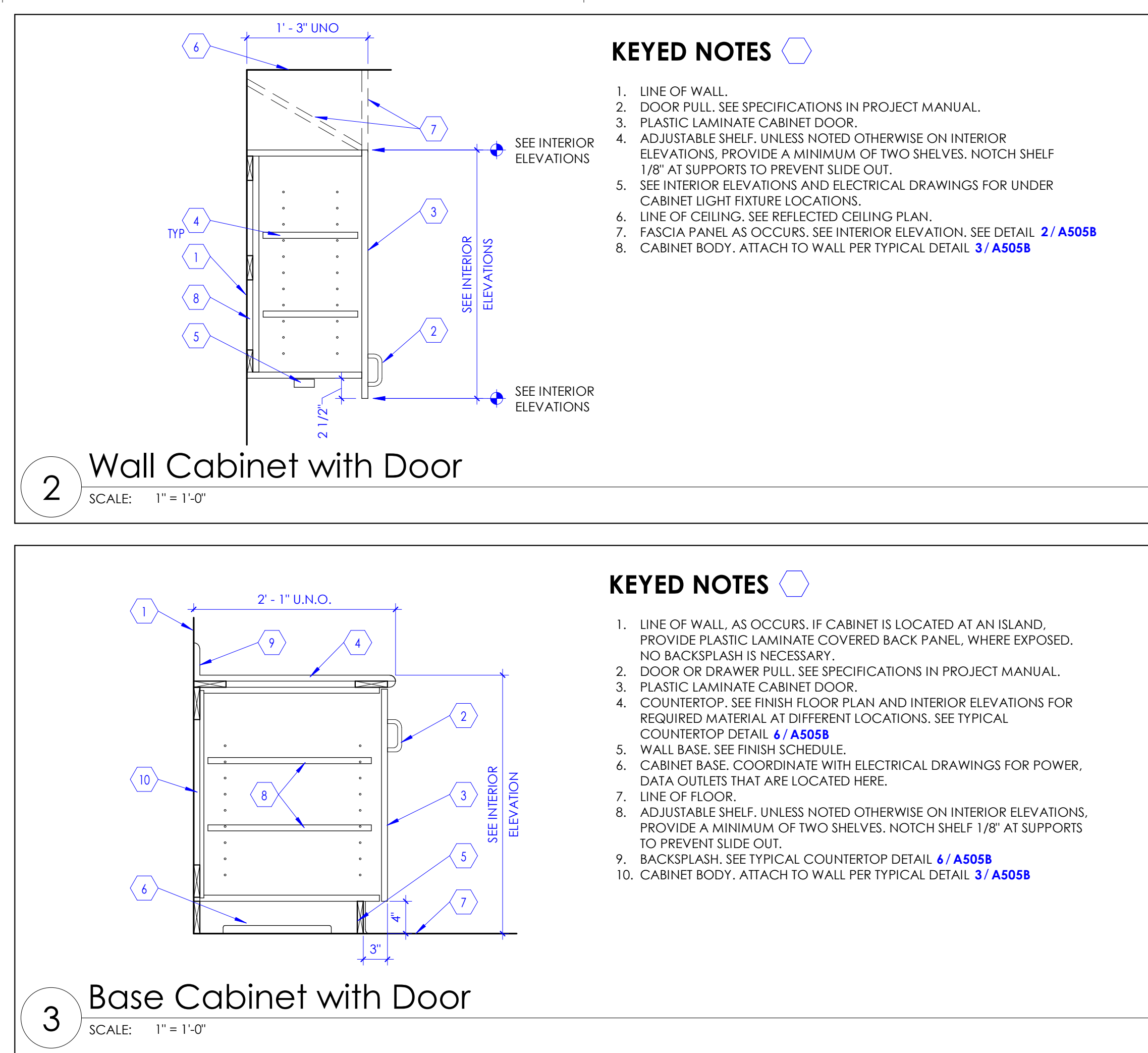
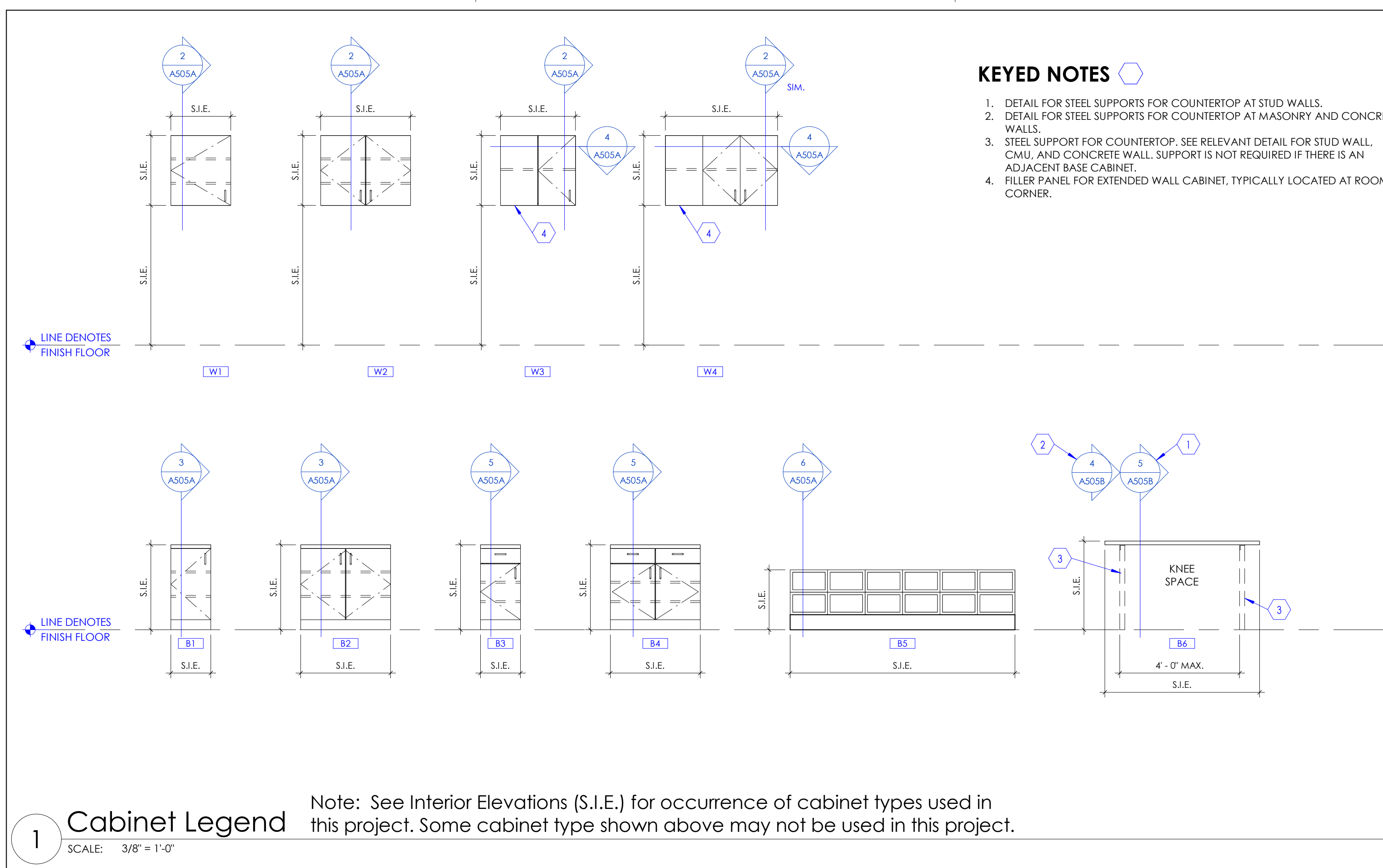
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NJRA Project # 25224.00  
Construction Documents Oct. 15, 2025

Door &  
Window  
Details

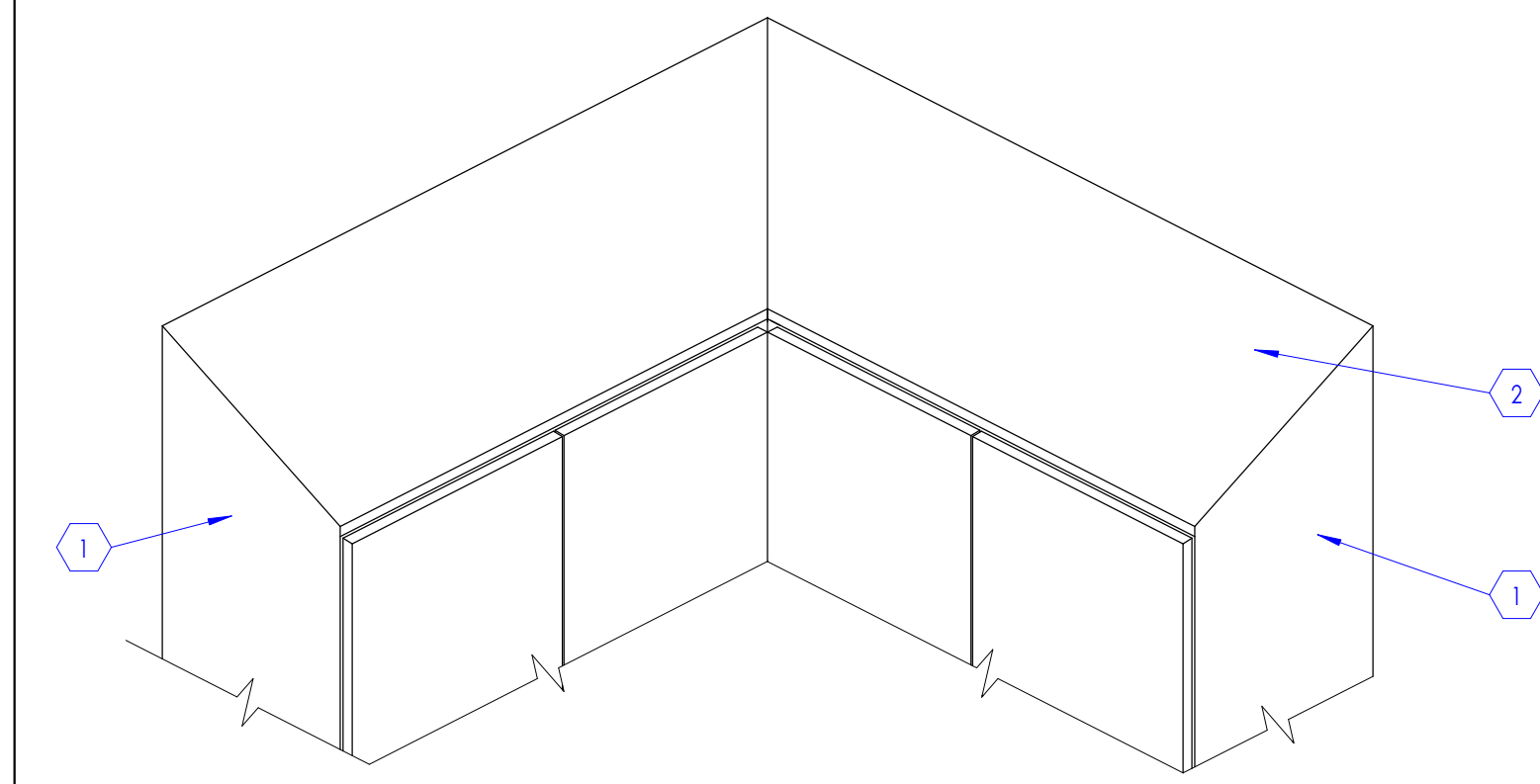
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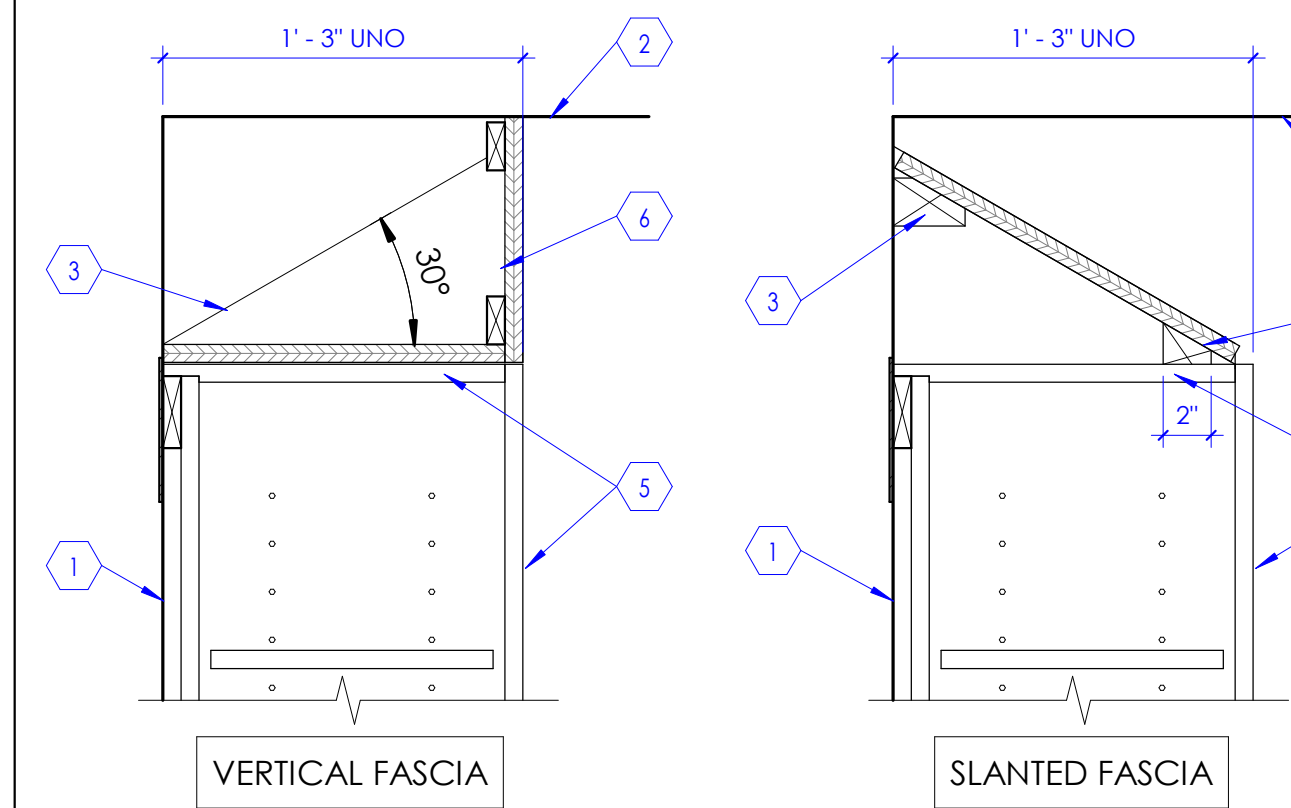


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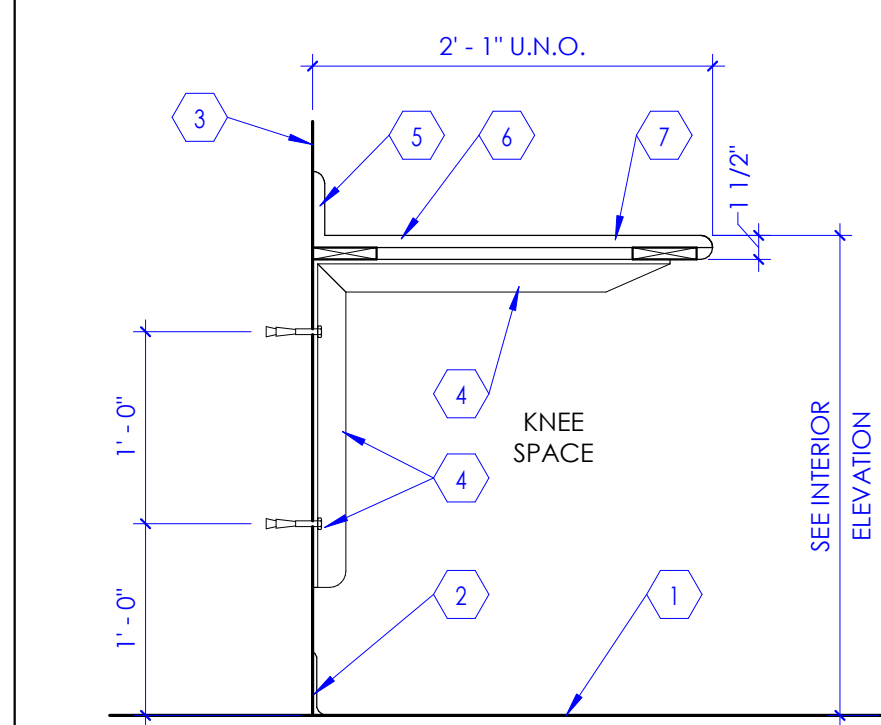
- KEYED NOTES**
1. END PANEL AT BOTH ENDS TO BE CONTINUOUS WITHOUT BREAK/REVEAL BETWEEN SLANTED FASCIA (DUST TOP) AND WALL OR FULL HEIGHT CABINET.
  2. SLANTED FASCIA (DUST TOP), TYPICAL MITERED AT CORNER.

**1 Slanted Fascia (Dust Top) Miter Detail at Corner Cabinets**  
SCALE: 3/4" = 1'-0"



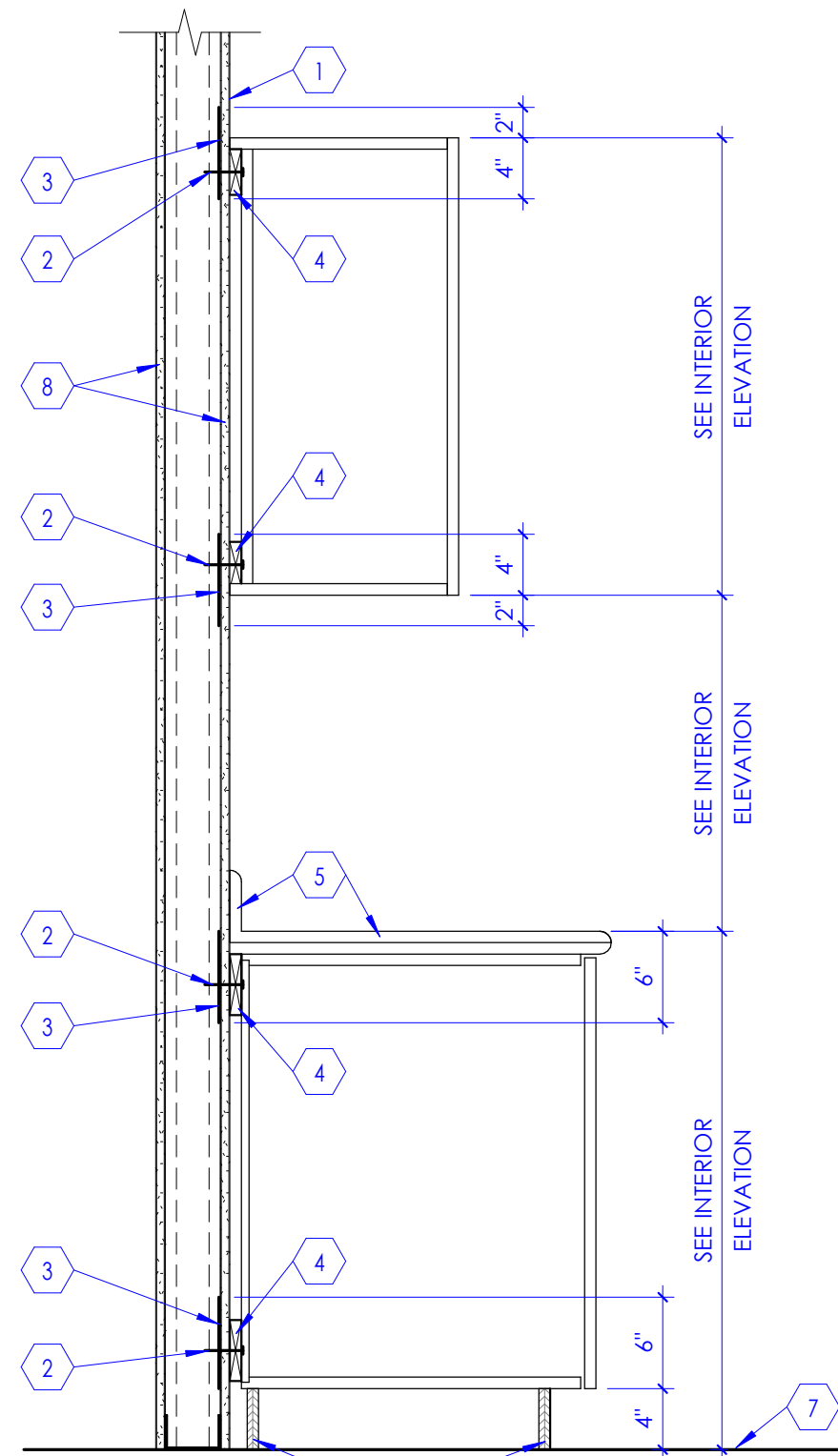
- KEYED NOTES**
1. LINE OF WALL
  2. LINE OF CEILING. SEE REFLECTED CEILING PLAN.
  3. BRACE PANEL. PROVIDE BRACE AS REQUIRED TO SUPPORT THE VERTICAL FASCIA PANEL. LOCATE BRACE AT 3'-0" O.C.
  4. SLANTED FASCIA PANEL. PLASTIC LAMINATE WRAPPED OVER PLYWOOD.
  5. WALL CABINET AS OCCURS.
  6. VERTICAL FASCIA. PLASTIC LAMINATE WRAPPED OVER PLYWOOD.
- NOTE: FOR SLANTED FASCIA CORNER CONDITION, SEE DETAIL 1 / A505B. SEE INTERIOR ELEVATIONS FOR VERTICAL AND SLANTED FASCIA LOCATIONS.

**2 Wall Cabinet Fascia**  
SCALE: 1 1/2" = 1'-0"



- KEYED NOTES**
1. LINE OF FLOOR.
  2. WALL BASE. SEE FINISH SCHEDULE.
  3. LINE OF MASONRY OR CONCRETE WALL AS OCCURS.
  4. COUNTERTOP SUPPORT. PAINTED. SUPPORT SHALL BE STEEL ANGLE, 2"x2"x1/4". PIECES MITERED AND WELDED @ 90° ANGLE AS INDICATED. CHAMFER EXPOSED EDGES (BELOW COUNTERTOP EDGE) AND GRIND ALL EXPOSED EDGES SMOOTH. ATTACH SUPPORT TO MASONRY OR CONCRETE WALL WITH 3/8" EPOXY BOLTS, AS SHOWN. SUPPORTS SHALL BE LOCATED VERTICALLY ON WALL AT 4'-0" O.C. MAXIMUM.
  5. BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B
  6. PROVIDE GROMMETS AT COMPUTER MONITOR LOCATIONS, KNEE SPACES, COUNTERTOP EQUIPMENT, ETC.
  7. COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B

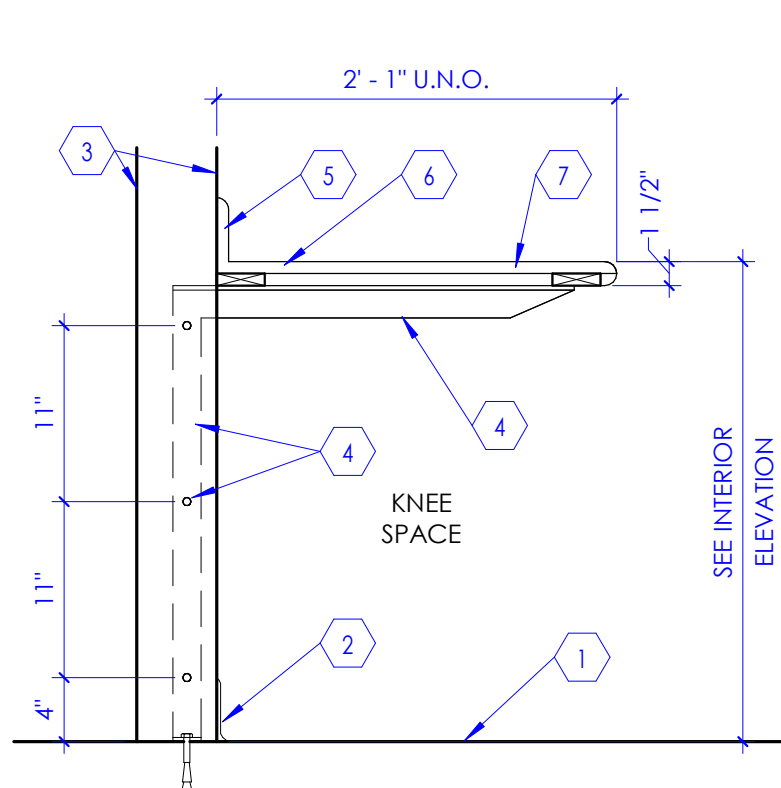
**4 Steel Support For Countertop at Masonry & Concrete Walls**  
SCALE: 1" = 1'-0"



- KEYED NOTES**
1. LINE OF WALL.
  2. FASTENERS AS REQUIRED. ALIGN WITH STUDS WHERE POSSIBLE.
  3. STEEL BACKING PLATE. PLATE SHALL BE 15 GAUGE, 6" WIDE WITH REQUIRED LENGTH TO COVER CABINETS.
  4. SOLID WOOD BLOCKING, TYPICALLY ATTACHED TO CABINET BODY.
  5. COUNTERTOP AND BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B
  6. CABINET BASE BOX. BOX SHALL BE BUILT WITH PLYWOOD, 3/4" THICK. PRESSURE TREATED. BASE BOX SHALL BE ANCHORED TO FLOOR WITH STEEL "L" CLIPS AND FASTENERS AS REQUIRED. BASE CABINET SHALL BE ATTACHED TO THE BASE BOX.
  7. LINE OF FLOOR.
  8. NEW WALL (OR EXISTING WALL WHERE OCCURS). SEE WALL TYPE FOR WALL CONSTRUCTION.

NOTE: WHEN CABINETS ARE MOUNTED TO CONCRETE WALL OR MASONRY (CMU BLOCKS) WALL, BACKING PLATES ARE NOT REQUIRED. PROVIDE COMPATIBLE MASONRY WALL ANCHORS AND FASTENERS TO ATTACH THE CABINETS.

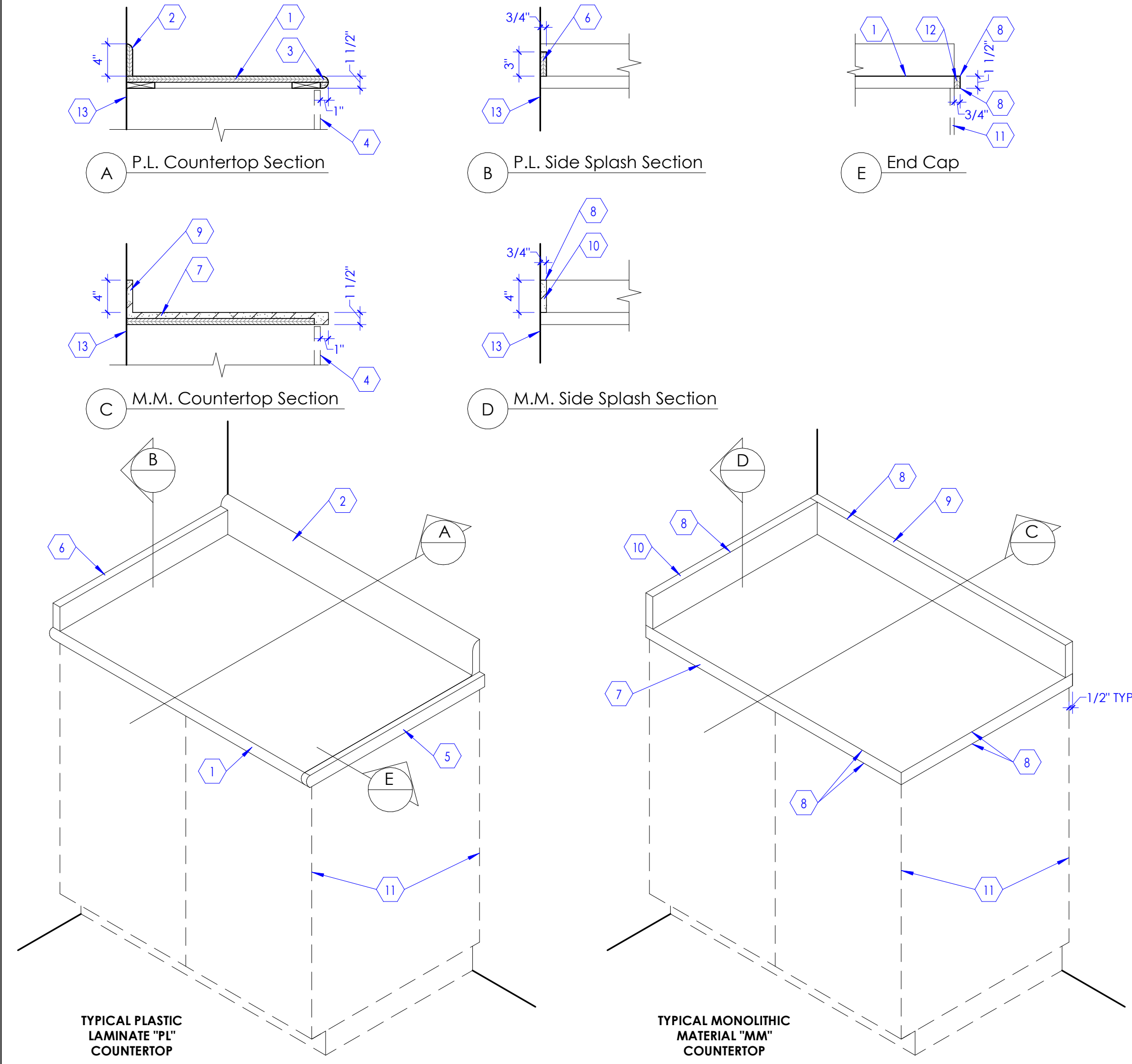
**3 Typical Cabinet Body Attachment to Walls**  
SCALE: 1" = 1'-0"



- KEYED NOTES**
1. LINE OF FLOOR.
  2. WALL BASE. SEE FINISH SCHEDULE.
  3. WALL. SEE FLOOR PLAN & WALL TYPES.
  4. COUNTERTOP SUPPORT. PAINTED. SUPPORT SHALL BE STEEL ANGLE, 2"x2"x1/4". PIECES MITERED AND WELDED @ 90° ANGLE AS INDICATED. CHAMFER EXPOSED EDGES SMOOTH. ATTACH SUPPORT TO METAL STUDS INSIDE WALL WITH 1/4" BOLTS, AS SHOWN. AT FLOOR, PROVIDE 3" WIDE X 6" LONG X 1/4" THICK. BASE STEEL PLATE WELDED TO VERTICAL STEEL ANGLE. ATTACH BASE PLATE TO FLOOR WITH TWO 1/2" DIAMETER ANCHOR BOLTS (ON EITHER SIDE OF THE VERTICAL ANGLE) WITH 3" MINIMUM EMBED IN CONCRETE FLOOR. CONTRACTOR SHALL REVIEW INTERIOR ELEVATIONS AND LOCATE SUPPORTS DURING WALL CONSTRUCTION. SUPPORT SPACING SHALL NOT EXCEED 4'-0" O.C. MAXIMUM.
  5. BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B
  6. PROVIDE GROMMETS AT COMPUTER MONITOR LOCATIONS, KNEE SPACES, COUNTERTOP EQUIPMENT, ETC.
  7. COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B

**5 Steel Support for Countertop at Stud Wall**  
SCALE: 1" = 1'-0"

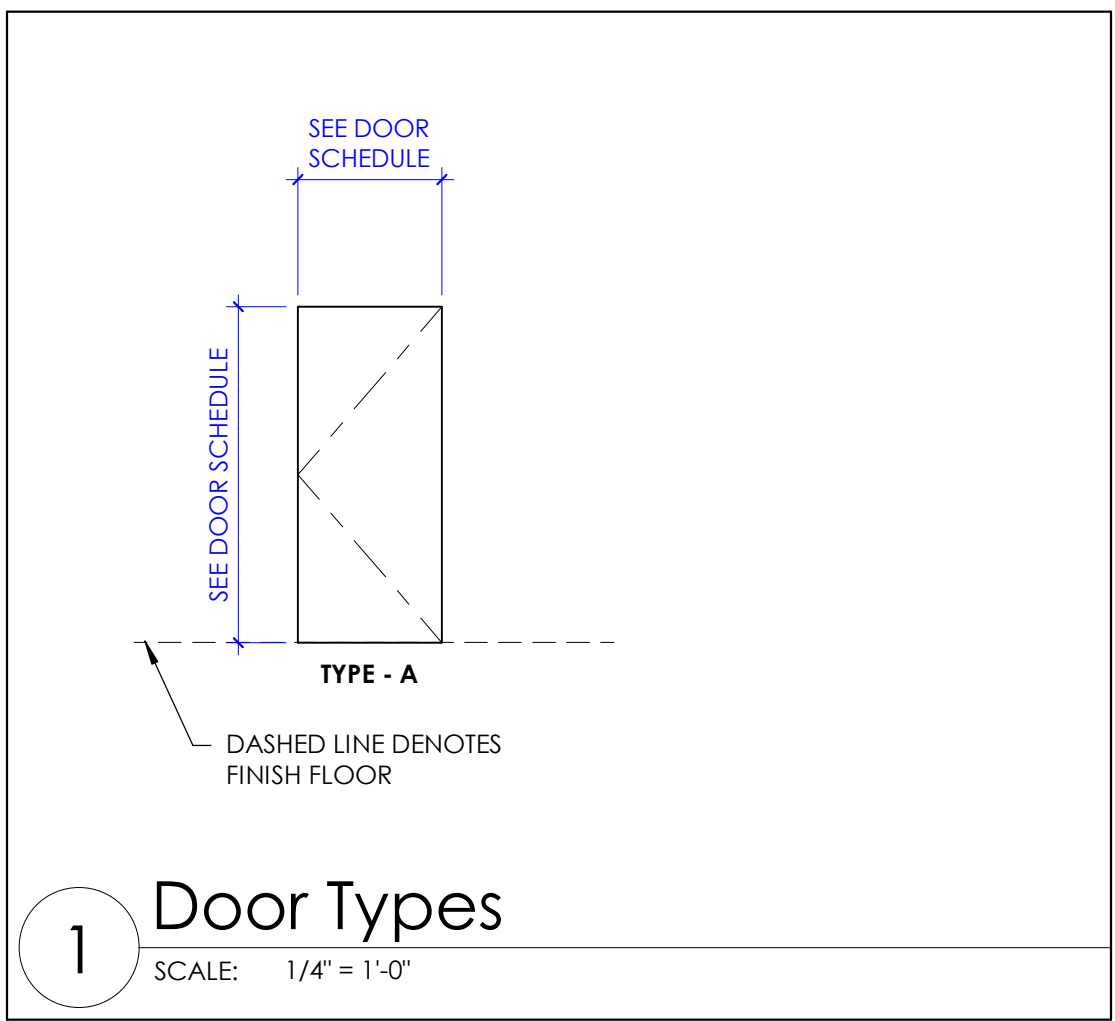
- KEYED NOTES**
1. COUNTERTOP. PLASTIC LAMINATE WRAPPED OVER WOOD SUBSTRATE, 3/4" THICK. SUBSTRATE SHALL BE AS PER ARCHITECTURAL WOODWORK INSTITUTE (AWI) STANDARDS FOR "PREMIUM" GRADE. PROVIDE FULL ROUND EDGE AS INDICATED. WHERE PLASTIC LAMINATE COUNTERTOP IS CALLED OUT AT SINK LOCATIONS, USE EXTERIOR GRADE MARINE PLYWOOD WITH AN IMPERVIOUS SEAL. SEE DETAIL 7 / A505B
  2. BACKSPLASH. INTEGRAL PLASTIC LAMINATE SHALL RUN CONTINUOUSLY FROM COUNTERTOP TO BACKSPLASH. BACKSPLASH SHALL HAVE A 3/4" RADIUS EDGE AT TOP AS INDICATED.
  3. PROVIDE FULL ROUND (BULL NOSE) EDGE AT ALL PLASTIC LAMINATE COUNTERTOPS, TYPICAL.
  4. BASE CABINET DOOR AS OCCURS.
  5. EXPOSED END OF THE COUNTERTOP SHALL BE WRAPPED WITH PLASTIC LAMINATE, UNLESS NOTED OTHERWISE. WHERE INDICATED IN FINISH FLOOR PLANS AND/OR INTERIOR ELEVATIONS, PROVIDE SOLID SURFACE END CAP AS PER DETAIL "E".
  6. SIDESPLASH. PLASTIC LAMINATE OVER WOOD SUBSTRATE, 3/4" THICK. SUBSTRATE SHALL BE AS PER ARCHITECTURAL WOODWORK INSTITUTE (AWI) STANDARDS FOR "PREMIUM" GRADE. PROVIDE CONTINUOUS CLEAR SEALANT WHERE SIDESPLASH ABUTS WALL AND COUNTERTOP. UNLESS NOTED OTHERWISE, SIDESPLASH IS REQUIRED AT ALL LOCATIONS WHERE COUNTERTOP ABUTS VERTICAL SURFACES SUCH AS WALLS, BUILDING COLUMNS, TALL CABINETS, ETC.
  7. COUNTERTOP. MONOLITHIC MATERIAL. ATTACH COUNTERTOP TO BASE CABINET AND/OR STEEL SUPPORTS WHERE OCCURS.
  8. PROVIDE 1/8" RADIUS AT ALL EXPOSED EDGE MATERIAL.
  9. BACKSPLASH. MONOLITHIC MATERIAL. ATTACH BACKSPLASH TO COUNTERTOP TO PERFORM AS INTEGRAL BACKSPLASH. PROVIDE CONTINUOUS CLEAR SEALANT WHERE SIDESPLASH ABUTS WALL.
  10. SIDESPLASH. MONOLITHIC MATERIAL. ATTACH SIDESPLASH TO WALL. PROVIDE CONTINUOUS CLEAR SEALANT WHERE SIDESPLASH ABUTS WALL AND COUNTERTOP. UNLESS NOTED OTHERWISE, SIDESPLASH IS REQUIRED AT ALL LOCATIONS WHERE COUNTERTOP ABUTS VERTICAL SURFACES SUCH AS WALLS, BUILDING COLUMNS, TALL CABINETS, ETC.
  11. BASE CABINET AS OCCURS. SEE INTERIOR ELEVATIONS. AT KNEE SPACE LOCATIONS AND WHERE THERE ARE NO BASE CABINETS TO SUPPORT THE COUNTERTOP, PROVIDE STEEL SUPPORTS PER DETAILS 4 / A505B AND 5 / A505B
  12. END CAP. SOLID SURFACE MATERIAL ATTACHED TO COUNTERTOP. PROVIDE MATCHING BULL NOSE EDGE AT FRONT AND 1/8" RADIUS EDGE AS INDICATED.
  13. LINE OF WALL.



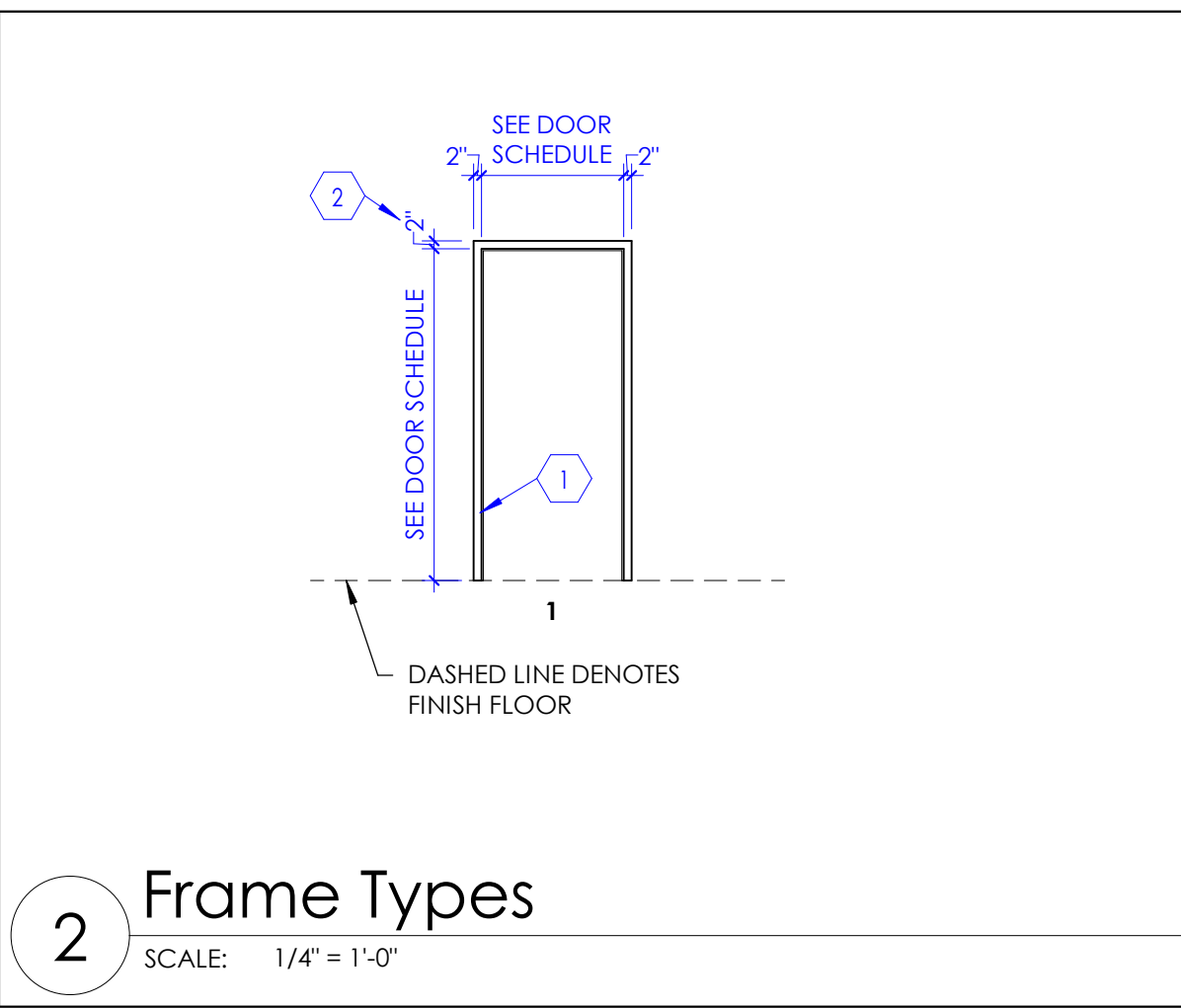
**6 Typical Countertop Detail**  
SCALE: 1" = 1'-0"

NOTE: SEE INTERIOR ELEVATIONS AND FINISH FLOOR PLANS FOR LOCATIONS OF DIFFERENT COUNTERTOPS ("PL" AND/OR "MM") REQUIRED IN THIS PROJECT.  
SEE FINISH SCHEDULE, SHEET A603A, FOR COLOR, STYLE, ETC. FOR VARIOUS COUNTERTOP MATERIALS ("PL" DENOTES PLASTIC LAMINATE AND "MM" DENOTES MONOLITHIC MATERIAL).





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



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

KEYED NOTES

1. DOOR FRAME, SEE DOOR SCHEDULE.
2. WHERE DOOR OCCURS AT MASONRY WALL (8" HIGH, C.M.U. BLOCKS), AND WITH A TYPICAL DOOR HEIGHT OF 7'-0", USE 4" FRAME AS FRAME HEAD INSTEAD OF THE STANDARD 2" FRAME.

DOOR SCHEDULE																		
DOOR #	# OF PANELS	DOOR							FRAME			DETAILS			DOOR #	FIRE RATING (MINUTES)	HARDWARE GROUP	COMMENTS
		WIDTH		SIZE			TYPE (2/A601A)	DEPTH	MATERIAL	JAMB	HEAD	THRESHOLD						
		W1	W2	HEIGHT	THICKNESS	MATERIAL							TYPE (1/A601A)					
2198D	1	3' - 0"		7' - 0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	1/A504A		22198D		1.0	1	
COMMENTS																		
. DOOR TO HAVE A PUSH PAD ACTIVATED OPENER.																		

FINISH SCHEDULE								
TAG	FINISH TYPE	SIZE	MATERIAL DESCRIPTION	MANUFACTURER	STYLE	MODEL #	COLOR	COMMENTS
F1	FLOOR FINISH	6' - 5"W	SHEET VINYL	TARKETT	IQ GRANIT ACOUSTIC	21155323	LIGHT SAND	-
F2	FLOOR FINISH	6' - 6"W	SHEET VINYL	MANNINGTON	BIO SPEC MD	15385	BROWNSTONE	1
F3	FLOOR FINISH	6' - 6"W	SHEET VINYL	MANNINGTON	BIO SPEC MD	15361	FLAX	1
B1	WALL BASE	6" HIGH	COVED SHEET VINYL	TARKETT	IQ GRANIT ACOUSTIC	21155323	LIGHT SAND	-
B2	WALL BASE	6" HIGH	COVED SHEET VINYL	MANNINGTON	BIO SPEC MD	15385	BROWNSTONE	1
B3	WALL BASE	6" HIGH	COVED SHEET VINYL	MANNINGTON	BIO SPEC MD	15361	FLAX	1
W1	WALL FINISH		PAINT - FIELD NEW	SHERWIN WILLIAMS	-	SW7043	WORLDLY GRAY	-
W2	WALL FINISH		PAINT - ACCENT NEW	SHERWIN WILLIAMS	-	SW6243	DISTANCE	-
W3	WALL FINISH		PAINT - FIELD EXISTING	SHERWIN WILLIAMS	-	SW7005	PURE WHITE	1
W4	WALL FINISH		PAINT - ACCENT EXISTING	SHERWIN WILLIAMS	-	SW6423	RYE GRASS	1
C1	CEILING FINISH	24" X 48"	ACOUSTICAL CEILING TILES AND GRID	ARMSTRONG	ULTIMA HEALTH ZONE: SQUARE LAY-IN 15/16"	1935	WHITE	2
C2	CEILING FINISH		PAINTED GYPSUM CEILING	SHERWIN WILLIAMS	FLAT FINISH	SW7005	PURE WHITE	1
PL1	PLASTIC LAMINATE FINISH FOR VERTICAL SURFACES		PLASTIC LAMINATE SHEET OVER SUBSTRATE	ARBORITE	WOODLOOK	W-465 EV	MOCHA MODERN CHERRY	1
MM1	MONOLITHIC MATERIAL FOR HORIZONTAL SURFACES		SOLID SURFACE	CORIAN	-	-	CLAM SHELL	1
WP1	WALL PROTECTION	.040" THICK	WAINSCOT PANEL UP TO 4' - 0" A.F.F.	ACROVYN	RIGID SHEET, PVC FREE	-	PUMICE	1
COMMENTS								
1. MATCH EXISTING. 2. SUSPENDED GRID TO MATCH EXISTING: ARMSTRONG - PRELUDE XL 15/16" LAY-IN, WHITE.								

GENERAL NOTES	
A. BASIS-OF-DESIGN FOR FINISHES: FINISHES INDICATED ON THE FINISH SCHEDULE ARE BASED ON THE NAMED MANUFACTURER AND THEIR PRODUCTS, SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE THE NAMED PRODUCT OR A COMPARABLE PRODUCT BY ONE OF THE APPROVED MANUFACTURERS LISTED IN THE PROJECT MANUAL. SEE RELEVANT SPECIFICATION SECTION.	
B. SEE "SAMPLE LAYOUTS" INDICATED ON FINISH PLANS FOR CLARIFICATION ON HOW DIFFERENT TYPES OF REQUIRED FINISHES ARE INDICATED WITH FINISH TAGS FOR FLOORS, WALLS, MISCELLANEOUS SURFACE, ETC. SEE FINISH FLOOR PLANS FOR REQUIRED FINISHES (INDICATED WITH FINISH TAGS SUCH AS F1, B1, W1, ETC.).	
C. LINE OF TRANSITION BETWEEN DIFFERENT TYPES OF FLOOR COVERING IS INDICATED ON THE FINISH FLOOR PLANS, IN PLACES WHERE TWO DIFFERENT FLOOR COVERING ABUTS EACH OTHER, CONTRACTOR SHALL FOLLOW THE RELEVANT APPLICABLE FLOOR COVERING TRANSITION DETAILS INDICATED IN THIS CONSTRUCTION DOCUMENTS, WHERE TWO ROOMS ARE REQUIRED TO HAVE DIFFERENT FLOOR COVERINGS, LINE OF TRANSITION SHALL TYPICALLY OCCUR BELOW THE CENTER OF THE DOOR (LOCATED BETWEEN THE TWO ROOMS), AS THESE TRANSITION LINES ARE NOT INDICATED BELOW THE DOOR ON THE FINISH FLOOR PLANS, CONTRACTOR SHALL PROVIDE METAL TRANSITION STRIP (MANUFACTURED BY SCHLUTER OR EQUIVALENT) AS REQUIRED. AT EXTERIOR DOORS, PROVIDE ALUMINUM THRESHOLD MATCHING THE DOORWAY. FOR REMODEL PROJECTS, COORDINATE WITH DEMOLITION FLOOR PLAN AND NEW FLOOR PLAN TO DETERMINE WHERE NEW ABUTS EXISTING FLOOR COVERING THAT IS SCHEDULED TO REMAIN.	
D. LINE OF TRANSITION BETWEEN DIFFERENT TYPES OF WALL FINISH IS INDICATED ON THE INTERIOR ELEVATIONS AND FINISH FLOOR PLANS, FOR REQUIRED WALL PROTECTION TYPE (INDICATED WITH TAG WP1, WP2, ETC.), ON WALLS, COORDINATE WITH FINISH FLOOR PLANS AND INTERIOR ELEVATIONS.	
E. THERE ARE MISCELLANEOUS SURFACES THAT ARE EXPOSED AND WILL REQUIRE A FINISH, SUCH MISCELLANEOUS SURFACES ARE INDICATED IN THE DRAWINGS WITH FINISH TAGS SUCH AS M1, M2, ETC.	
F. PAINT ALL EXPOSED VISIBLE ITEMS SUCH AS METAL DECK, STEEL ANGLES, STEEL BEAMS, STEEL TRUSSES, MISC. STEEL ITEMS, PIPES, CONDUITS, ETC. UNLESS SPECIFICALLY NOTED AS A SURFACE NOT TO BE PAINTED, OR IF NATURAL FINISH IS REQUIRED, PAINT SURFACES USING FIELD COLORS AND ACCENT COLORS SPECIFIED BY THE ARCHITECT. DO NOT PAINT CONCEALED SURFACES, FINISHED METAL SURFACES, OPERATING PARTS, AND PRE-FINISHED ITEMS, VERIFY PAINTING SURFACE (SUCH AS STEEL, CONCRETE, MASONRY, GYPSUM BOARD, WOOD, ETC.) AND USE THE APPROPRIATE PAINT AND METHOD INDICATED IN THE PROJECT MANUAL UNDER RELEVANT SPECIFICATION SECTION, ALL HOLLOW METAL DOOR AND WINDOW FRAMES SHALL BE PAINTED, USE SEMI-GLOSS FINISH ON DOOR FRAMES.	
G. IN ROOMS AND AREAS WHERE GYPSUM BOARD CEILING IS INDICATED, PAINT CEILING WITH THE SAME COLOR AND TYPE AS ADJACENT WALLS, IN WET ROOMS (LIKE RESTROOM, KITCHEN, ETC.) WHERE EPOXY PAINT IS INDICATED AS A REQUIREMENT ON WALLS, PAINT CEILINGS AND SOFFITS WITH EPOXY TYPE PAINT, ALL GYPSUM BOARD SOFFITS SHALL BE PAINTED, COORDINATE ACCENT COLOR LOCATIONS WITH ARCHITECT WHEREVER INDICATED.	
H. SEE INTERIOR ELEVATIONS FOR PLASTIC LAMINATE FINISHES OVER CABINETS, COUNTERTOPS, WALLS, ETC. PLASTIC LAMINATE FINISHES ARE INDICATED AS PL1, PL2, ETC., COUNTERTOPS THAT ARE MONOLITHIC MATERIAL (SUCH AS SOLID SURFACE, QUARTZ, ETC. AND NOT PLASTIC LAMINATE WRAPPED), ARE INDICATED AS MM1, MM2, ETC.	
I. WHERE PORCELAIN AND/OR CERAMIC TILE FINISHES ARE INDICATED, PROVIDE METAL EDGE STRIPS (MANUFACTURED BY SCHLUTER OR EQUIVALENT) AT ALL OUTSIDE VERTICAL CORNERS AND TOP OF WAINSCOT.	
J. IN ROOMS AND AREAS (SUCH AS TOILET ROOMS, SHOWERS, ETC.) WHERE CERAMIC OR PORCELAIN TILES ARE INDICATED FOR WALL AND FLOOR FINISH, INSTALL BOTTOM ROW OF WALL TILE FIRST PER DETAIL 1/A603B, PROVIDE QUARTZ THRESHOLD AT DOORS TO TOILET ROOMS THAT ARE USED BY MULTIPLE USERS, SEE DETAILS 3 & 4 SHEET A603B.	
K. WHERE GYPSUM BOARD WALL ABUTS MASONRY WALL, PROVIDE REVEAL AS PER DETAIL 2/A603B.	

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RAJAVELU  
267857-0301  
LICENSED ARCHITECT





Project #: 250735

201 W Layton Parkway  
Layton, Utah 84041

## M001

### Mechanical Devices

### Valve Types

### Mechanical Piping General Notes

1	Provide all materials and equipment and perform all labor required to install complete and operate piping systems as indicated on the drawings, as specified, and as required by code.
2	Uninstall all mechanical equipment and piping that obstruct ductwork and limit to underside of structure.
3	Install piping so that all valves, strainers, unions, traps, flanges, and other appurtenances requiring access are accessible.
4	Install piping so that all valves remain in service when equipment or piping on equipment side of valve is removed.
5	Provide vent at high point of each drop in the heating and chilled water piping system.
6	Provide all valves at adjustment for smooth and easy operation and tagged.
7	Provide isolation valves at each accessibility into that whether or not shown.
8	Coordinate location of thermostat with architectural finishing plans. Mount thermostat at height as specified on architectural plans or specifications.
9	All piping installed in conditioned areas, conditioned spaces, or return air plenums shall comply with NFPA 30A flame spread, smoke development, and fire contribution ratings of 25/500, respectively, as well as all applicable building codes and regulations.
10	Where non-plenum-rated piping is permitted or required within conditioned air spaces, conditioned spaces, or return air plenums, it shall be insulated to achieve NFPA 30A flame spread, smoke development, and fire contribution ratings of 25/500, respectively, and shall comply with all applicable building codes and regulations.

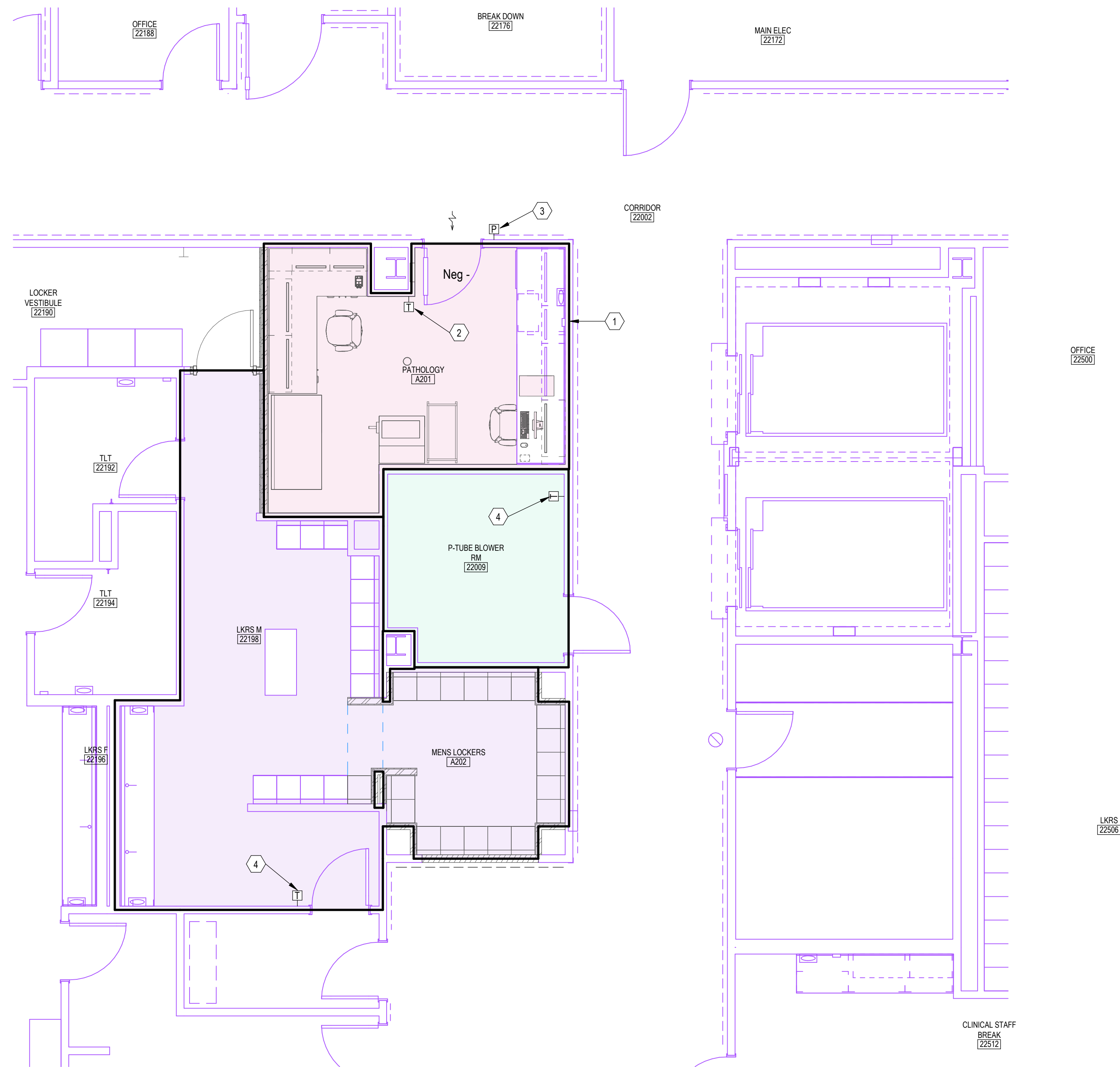
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1 Mechanical Zoning Plan Level 2 - Enlarged

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

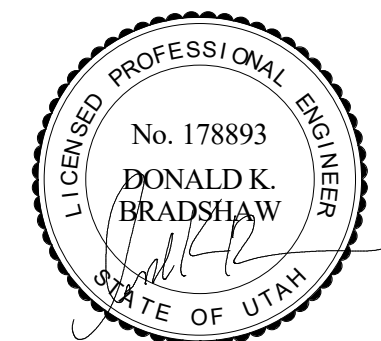


KEYNOTES

- 1 COLORED REGIONS REPRESENT INDIVIDUALLY CONTROLLED THERMAL ZONE BOUNDARIES.
- 2 NEW THERMOSTAT.
- 3 NEW PRESSURE MONITOR.
- 4 EXISTING THERMOSTAT.



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Pathology and Locker Room Remodel

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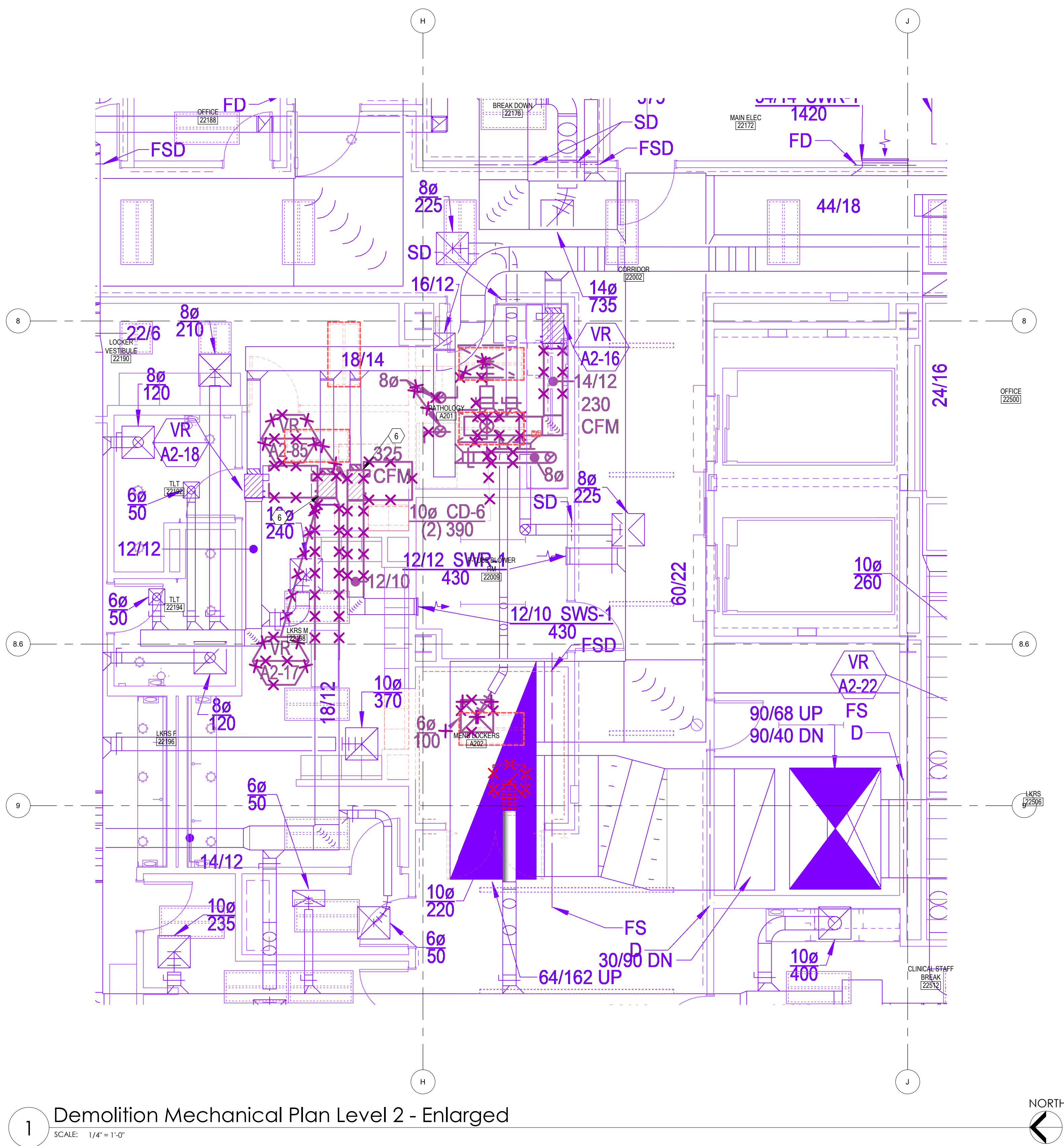
NJRA Project # 25224.00  
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Mechanical  
Zoning Plan  
Level 2 -  
Enlarged

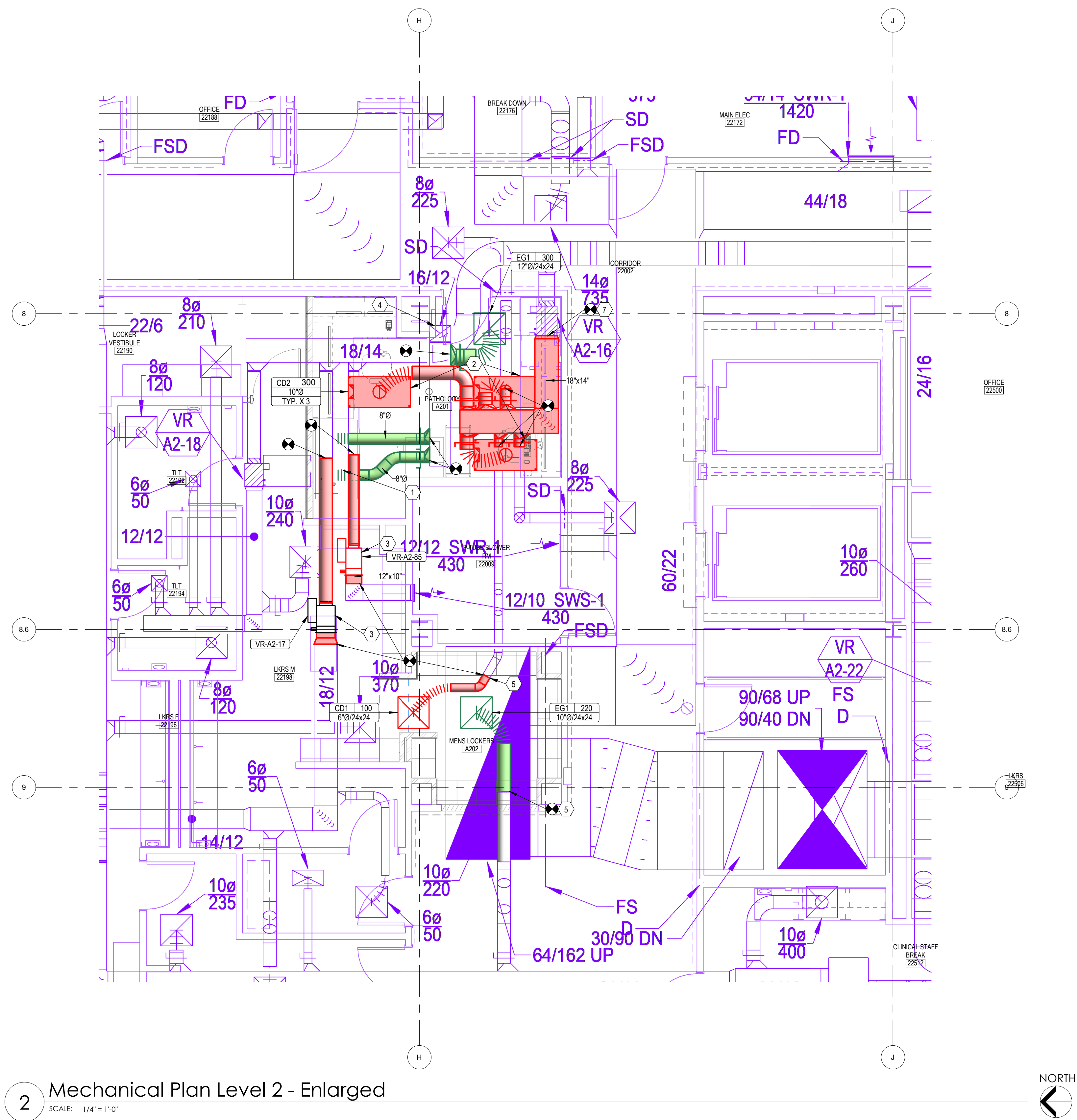
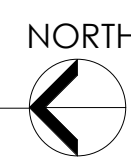
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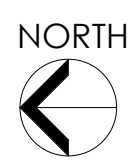
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1 Demolition Mechanical Plan Level 2 - Enlarged  
SCALE: 1/4" = 1'-0"



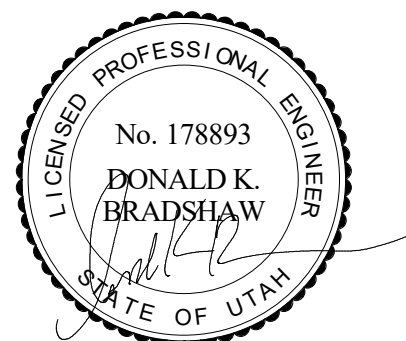
2 Mechanical Plan Level 2 - Enlarged  
SCALE: 1/4" = 1'-0"



- KEYNOTES**
1. CONNECT 8" EXHAUST TO GROSSING HOOD. USE FLEX DUCT PROVIDED WITH GROSSING HOOD. BALANCE TO 330 CFM EACH COLLAR. TOTAL 700 CFM FOR HOOD.
  2. NEW LAMINAR FLOW DIFFUSER. SEE MECHANICAL SCHEDULES.
  3. RELOCATE EXISTING VAV BOX TO APPROXIMATELY THIS POSITION. FIELD VERIFY EXISTING CONDITIONS.
  4. REBALANCE EXHAUST FAN TO MATCH CFM SHOWN ON PLANS.
  5. EXTEND EXISTING DUCTWORK TO NEW DIFFUSER/GRILLE LOCATION.
  6. REMOVE EXISTING VAV BOX. RELOCATE TO POSITION SHOWN ON NEW MECHANICAL PLAN.
  7. CONNECT TO EXISTING DUCTWORK AT APPROXIMATELY THIS LOCATION. FIELD VERIFY EXISTING CONDITIONS. TYPICAL.



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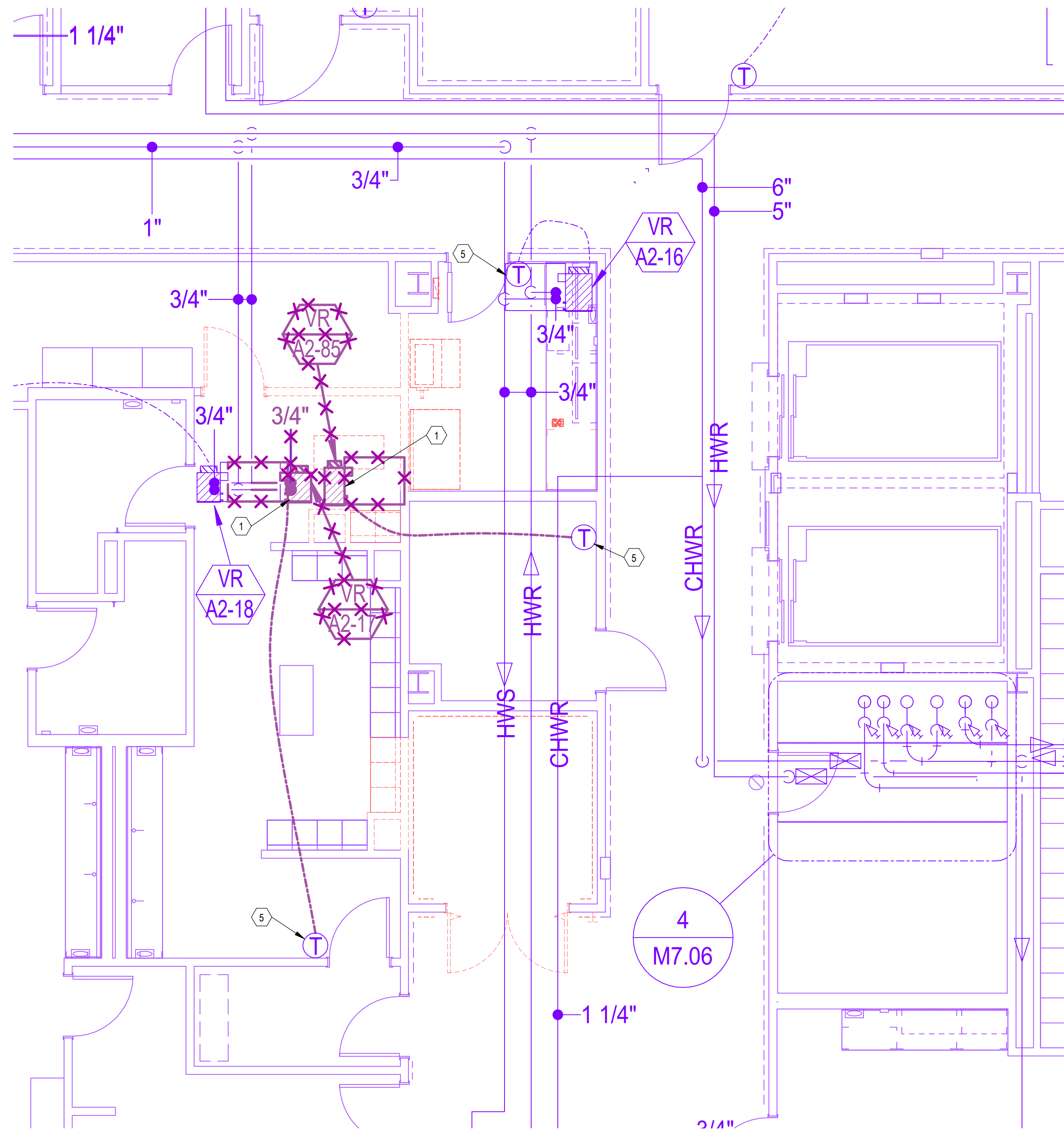
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Mechanical  
Plan Level 2 -  
Enlarged

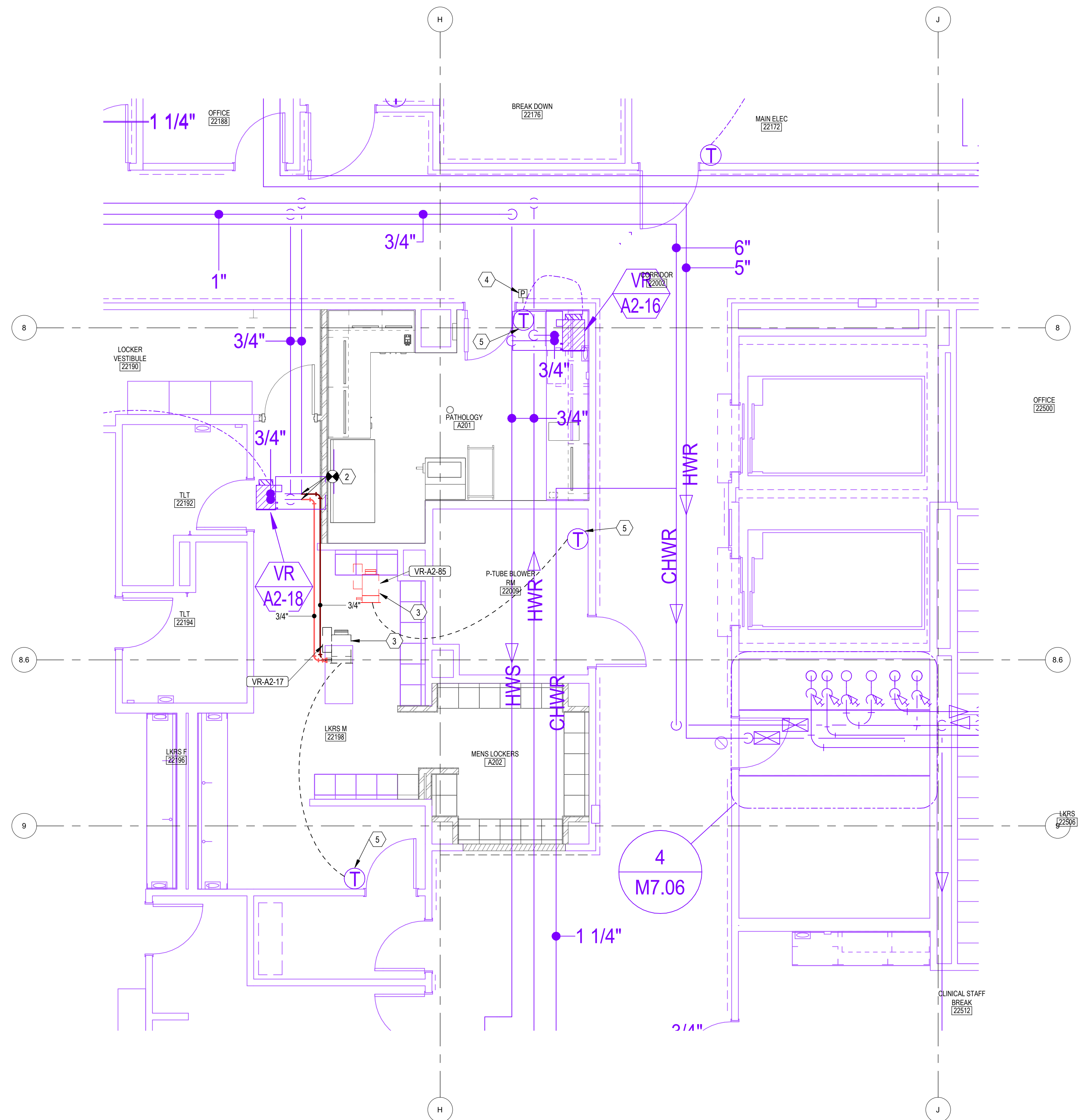
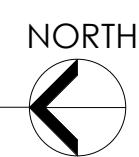
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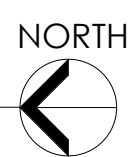
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1 Demolition Mechanical Piping Plan Level 2 - Enlarged  
SCALE: 1/4\" = 1'-0\"



2 Mechanical Piping Plan Level 2 - Enlarged  
SCALE: 1/4\" = 1'-0\"

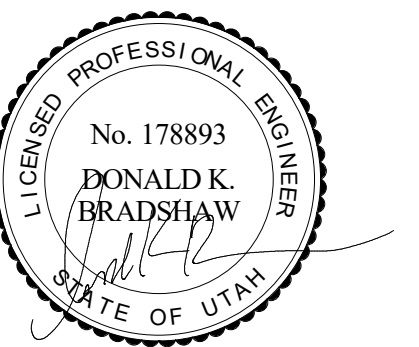


#### KEYNOTES

- 1 REMOVE EXISTING VAV BOX. RELOCATE TO POSITION SHOWN ON NEW MECHANICAL PIPING PLAN. EXISTING THERMOSTAT TO REMAIN.
- 2 CONNECT PIPING TO EXISTING AT APPROXIMATELY THIS POINT. FIELD VERIFY EXISTING CONDITIONS.
- 3 RELOCATE EXISTING VAV BOX. CONNECT TO EXISTING THERMOSTAT.
- 4 NEW THRU WALL PRESSURE MONITOR.
- 5 EXISTING THERMOSTAT TO REMAIN.



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## Intermountain Health Layton Hospital Pathology and Locker Room Remodel

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Documents

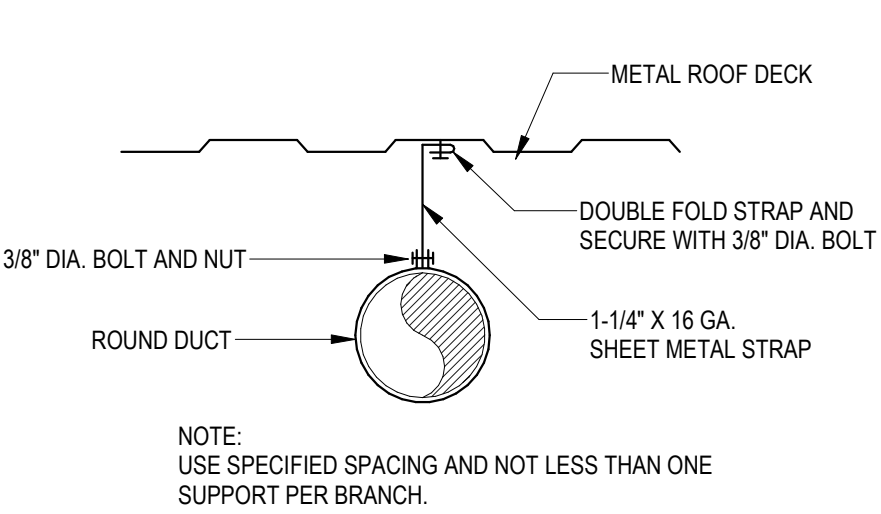
25224.00  
Oct. 15 2025

Mechanical  
Piping Plan  
Level 2 -  
Enlarged

# M223

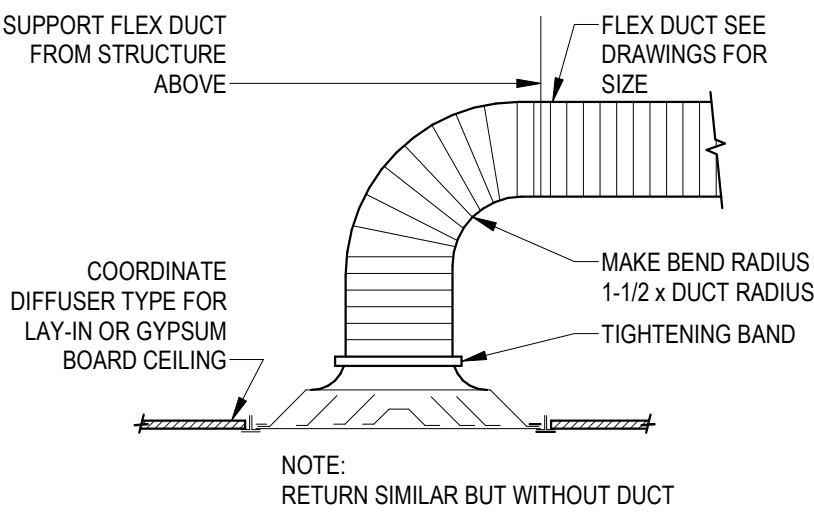


GRILLES, REGISTERS AND DIFFUSERS				
ID	MANUFACTURER	MODEL	DESCRIPTION	
CD1	EH PRICE	SPD	FACE STYLE: SQUARE PLAQUE DIFFUSER FACE SIZE: 24" x 24", 24" x 12" OR 12" x 12" AS REQUIRED TO FIT CEILING TILE SPACE AVAILABLE APPLICATION: ENGINEERED VAV SYSTEMS MATERIAL: STEEL FINISH: B12 WHITE POWDERCOAT	MOUNTING-FRAME: SURFACE OR LAY-IN, (CW CEILING TYPE.) PATTERN: 360° RADIAL HORIZONTAL AIR PATTERN DAMPER: OPPOSED BLADE MAX NC - 30 DAMPER: NONE REMOVABLE FACE
CD2	EH PRICE	LFD	LAMINAR FLOW DIFFUSER AIR VELOCITY LESS THAN 90 FPM	LFD LAMINAR FLOW DIFFUSERS 24" x 48" SURFACE MOUNT, STAINLESS STEEL SEE DRAWINGS FOR SYSTEM CONFIGURATION
EG1	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, (CW CEILING TYPE.) DAMPER: OPPOSED BLADE MAX NC - 30 REMOVABLE FACE & CORE



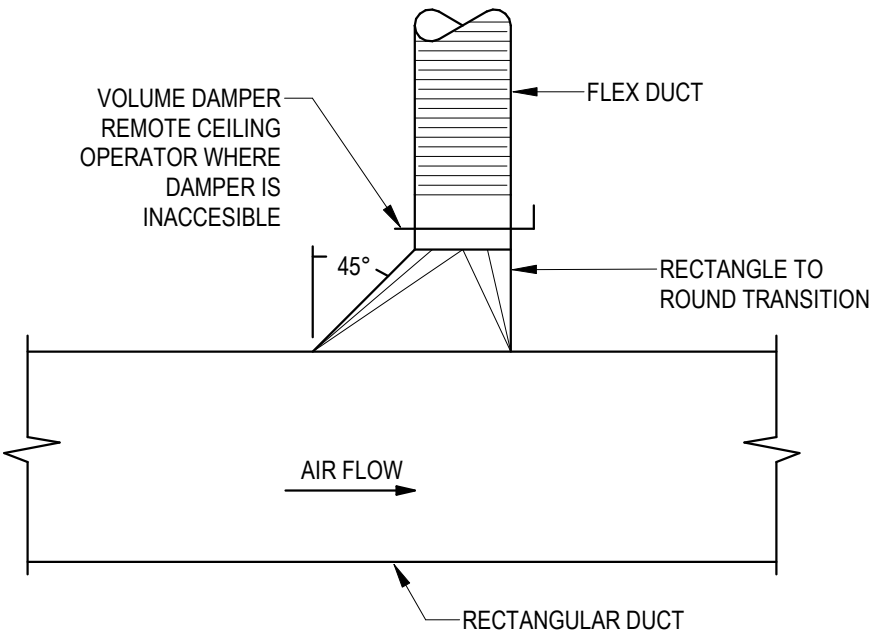
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M501

ROUND DUCT SUPPORT DETAIL  
NOT TO SCALE



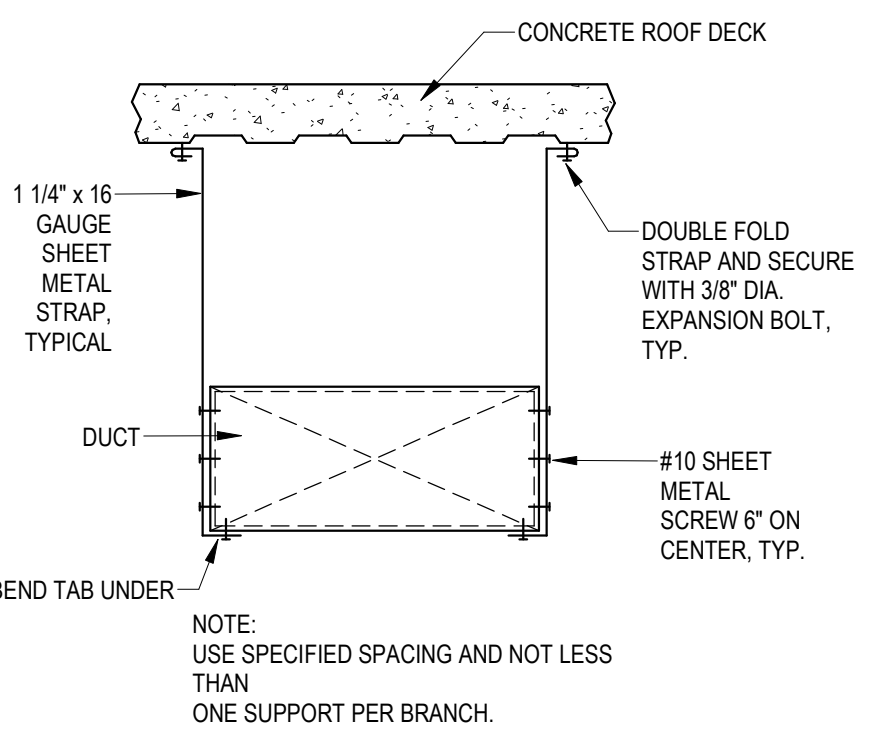
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M501

DIFFUSER CONNECTION DETAIL  
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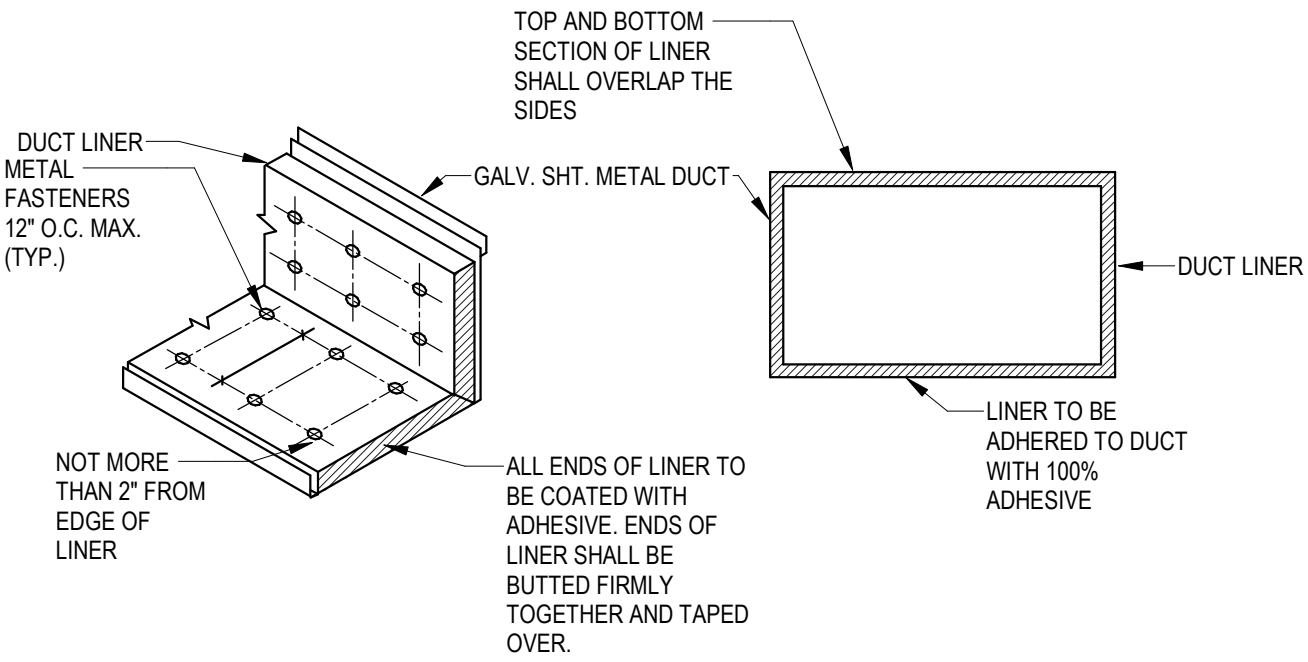
2  
M501

FLEX DUCT WITH HIGH EFFICIENCY FITTING DETAIL  
NOT TO SCALE



3  
M501

RECTANGULAR DUCT DETAIL  
NOT TO SCALE

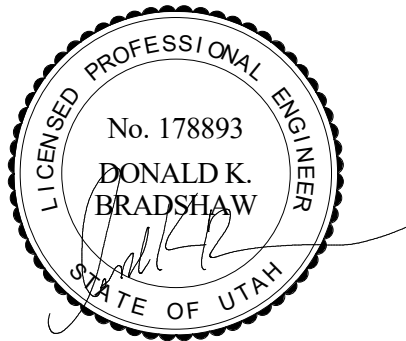


4  
M501

RECTANGULAR DUCT LINER DETAIL  
NOT TO SCALE



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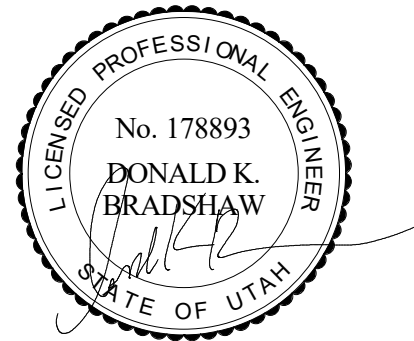
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Mechanical  
Details &  
Schedules

M501





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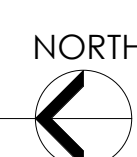
NJRA Project # 25224.00  
100% Construction Oct. 15 2025  
Documents  
Title Sheet Revision

Plumbing Title  
Sheet


P001

General Plan Symbols		Plumbing Symbols		Plumbing Symbols		Project Requirements	
	Plan Revision Number		Nominal Pipe Size		FCO	1	The project general notes apply to all disciplines.
	Detail Number on Sheet		Above Ground Piping		WCO	2	Remove all unused piping, ductwork, equipment, and accessories.
	Sheet Number Where Detail is Placed		Pipe Slope (When Applicable)		Line Cleanout	3	The mechanical contractor shall be responsible for field verifying all existing conditions for plumbing and mechanical systems within the scope of work space and within close proximity to the scope of work space. The contractor will field verify as much as is reasonable before the final bid. After the final bid the contractor will notify the owner, architect, and mechanical design engineer immediately upon discovery of existing conditions that may affect the design.
	Keynote Symbol		Existing Pipe To Remain		BACKWATER	4	The mechanical contractor shall perform service and repair on the existing equipment and its accessories as follows: clean all coils, replace the filters and belts, inspect, repair, or replace the economizers, drivers and fan bearings, motors, control components, valves, and any other item necessary for a complete and proper operating system. This contractor shall also visit the site, prior to final bidding, and verify all existing site conditions. Provide all material and components as needed to bring the units to full compliance of the owner's criteria and local authority having jurisdiction.
	Continuation Symbol		Pipe To Be Demolished		CHECK	5	Where floor drains occur with the limits of construction, prevent construction debris from entering drain body by sealing drain opening prior to start of work. Unseal drains at completion of construction.
	Point Where New Connects to Existing		Domestic Cold-Water		CHECK	6	Coordinate installation of piping, ductwork, conduit, lights, cable tray, structure, equipment, ceilings, architectural components, and anything else pertaining to the project to prevent conflicts.
	Point Where Existing is to be Demolished		Non-Potable Water		BALANCE	7	The contractor shall be familiar with all the conditions both existing and those illustrated by these documents and those of other disciplines, including, but not limited to architectural, civil, electrical, ventilation, plumbing, and other systems involved on this project.
	Room		Soft Cold-Water		CIRC	8	Final product shall be a complete and functioning system, and shall conform to all requirements of applicable federal, state, and local codes, including but not limited to the international building code, international mechanical code, and international plumbing code.
	Room Name / Number		Filtered Cold-Water		GATE	9	Locate equipment requiring access 2'-0" maximum above ceiling.
	Area Being Demolished		Reverse Osmosis Water		QUICK	10	All roof mounted equipment shall be a minimum 10'-0" from edge of roof.
	Area Not In Contract		Reverse Osmosis Water Recirculation		SIO	11	Coordinate installation of ductwork, piping and mechanical equipment with NEC clearances including the space above electrical panels, transformers and other electrical equipment. No piping or ductwork to run over electrical panels, VFD's or MCC's. Protect equipment with a 42" deep zone in front of panels, VFD's and MCC's. Provide pans if required under piping.
Abbreviations			Deionized Water		GAS-CNTRL	12	Fire seal around duct and piping penetrations of fire rated walls. The mechanical contractor shall be responsible for caulking and sealing all penetrations in fire and smoke rated partitions to maintain ratings. Refer to specification.
Ø	ROUND		Deionized Water Recirculation		PLUG	13	Provide sleeves and/or openings to run pipes and ducts through foundations, floors, walls, and roof.
ABV	ABOVE		Domestic Hot-Water		REG	14	Transition piping and ductwork sizes to match the size of equipment connection.
AC	AIR CONDITIONING		Domestic Hot-Water 140		T/T/TIP	15	Refer to plumbing series drawings for gas piping.
AD	AREA DRAIN		Domestic Hot-Water Recirculation		PRIMER	16	All pipe and duct sizes shown shall be continued in the direction of flow until another size is shown.
ADD	ADDENDUM		Domestic Hot-Water Recirculation 140		M-CNTRL	17	For details, equipment connections, and pipe sizes not shown on the segments, refer to details, schedules, and specifications.
AFF	ABOVE FINISHED FLOOR		Non-Potable Hot Water		TMV-XT/P	18	Install all equipment in accordance with the respective manufacturer's written installation instructions, at a level of workmanship consistent with the specifications.
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY		Sanitary Drain		TMVEM	19	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.
ALT	ALTERNATE		Sanitary Vent		PRV	20	Install exposed piping and ductwork as high as practical in rooms without ceilings.
AP	ACCESS PANEL		Combination DWV		METER	21	Locations of piping, ductwork and equipment, as indicated on the drawing, are approximate and subject to minor adjustments in the field, including, but not limited to, offsets and transitions. New ductwork, piping and equipment shall be coordinated with structure, lights, reflected ceiling plans, cable tray, electrical conduit, plumbing, mechanical and fire protection piping, medical gases, all other trades and all other existing conditions to avoid interference in the field.
ARCH	ARCHITECT/ARCHITECTURAL		Condensate Drain		METER	22	The contractor shall inform the designer of any proposed deviations from the contract documents.
BFF	BELOW FINISHED FLOOR		Indirect Drain		Double Check Valve	23	If contractor encounters material which may contain asbestos, immediately stop work in this area and notify the owner.
BLW	BELOW		Grease Waste		Reduced Pressure Zone	24	Details reference all sheets.
BTU	BRITISH THERMAL UNITS		Oil Waste			25	Install all piping and ductwork without forcing or springing.
BTUH	BRITISH THERMAL UNITS PER HOUR		Oil Vent			26	Route domestic water, fire protection, sanitary waste, roof drain, campus chilled or hot water, and any other utility services to site utilities 5'-0" from building unless noted otherwise. Refer to civil plans.
CAP	CAPACITY		Fuel Oil Return			27	Locate valving, accessories, and equipment in accessible locations. Where located above hard ceiling provide an access door in ceiling. Minimum access door size of 24" x 24". Coordinate exact location and style with architect. Equipment shall be located in the ceiling cavity so it can be safely serviced from someone standing on a ladder placed below the ceiling access.
CB	CATCH BASIN		Fuel Oil Supply			28	Where valving, accessories, or equipment is located in a wall, provide an appropriately sized access door. Coordinate access door size, location, and style with architect.
CFM	CUBIC FEET PER MINUTE		Pump Discharge			29	Contractor to provide valve identification and location on all ceiling tiles where valves are located.
CLG	CEILING		Solar Water Return			30	Contractor to provide detailed design of seismic bracing as a deferred submittal. See specification 23 0548 - Vibration and Seismic Controls for HVAC.
CO	CLEAN OUT		Solar Water Supply			31	Contractor to provide BIM coordination and virtual design and construction services to a xxx level of detail. See specification 23 0099-BIM coordination.
CW	COLD WATER		Roof Drain				
D	DEGREE		Roof Drain Overflow				
DB	DRY BULB		Carbon Dioxide Gas				
DA	DIAMETER		Helium Gas				
DN	DOWN		Instrument Air				
DW	DISTILLED WATER		Medical Air				
EA	EACH		Medical Vacuum				
EAT	ENTERING AIR TEMPERATURE		Nitrogen Gas				
ELEC	ELECTRICAL		Nitrous Oxide Gas				
EQUIP	EQUIPMENT		Oxygen Gas				
EWT	ENTERING WATER TEMPERATURE		Waste Anesthesia Gas Disposal				
EA	EXHAUST AIR		Compressed Air				
EXIST	EXISTING		Natural Gas				
F	DEGREES FAHRENHEIT		Liquid Propane				
FCO	FLOOR CLEAN OUT		Pipe Rise / Drop				
FD	FLOOR DRAIN						
FDC	FIRE DEPARTMENT CONNECTION						
FL	FLOOR						
FO	FUEL OIL						
FOV	FUEL OIL VENT						
FOR	FUEL OIL RETURN						
FOS	FUEL OIL SUPPLY						
FPM	FEET PER MINUTE						
FS	FLOOR SINK						
FT	FOOT/FEET						
FTR	FIN TUBE RADIATION						
GAL	GALLON						
GF	GAS-FIRED						
GC	GENERAL CONTRACTOR						
GPM	GALLONS PER MINUTE						
GW	GREASE WASTE						
HB	HOSE BIB						
HP	HORSE POWER						
HTG	HEATING						
HTR	HEATER						
HW	HOT WATER						
HYD	HYDRANT						
ID	INDIRECT						
IN	INCH						
INV	INVERT						
LB	POUND						
LBHR	POUNDS PER HOUR						
LAT	LEAVING AIR TEMPERATURE						
LP	LOW PRESSURE						
LPG	LIQUEFIED PETROLEUM GAS						
Equipment Abbreviations							
AC	AIR CONDITIONING UNIT	ET	EXPANSION TANK				
ACU	AIR COOLING CONDENSING UNIT	ENH	ELECTRIC WATER HEATER				
AHU	AIR HANDLING UNIT	FOU	FAN COIL UNIT				
AS	AIR SEPARATOR	FP	FIRE PUMP				
B	BOLLER	GI	GREASE INTERCEPTOR				
CH	CHILLER	GRV	GRAVITY ROOF VENTILATOR				
CT	COOLING TOWER	HWP	HEATING WATER PUMP				
CJ	CABINET UNIT HEATER	HRU	HEAT RECOVERY UNIT				
CHWP	CHILLED WATER PUMP	PRV	POWER ROOF VENTILATOR				
DBP	DOMESTIC WATER BOOSTER PUMP	RE	RETURN/EXHAUST FAN				
DC	DUCT MOUNTED COIL	RTU	ROOFTOP UNIT				
DGP	DOMESTIC WATER CIRCULATING PUMP	SP	SUMP PUMP				
EF	EXHAUST FAN	UH	UNIT HEATER				
EDC	ELECTRIC DUCT COIL	WH	WATER HEATER				
* NOTE *							
ALL OF GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET. THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.							
Plumbing General Notes							
1 Unless otherwise noted, slope pipe as follows: waste branches: 1/4" per foot; waste mains: 1/4" per foot; roof drain/roof drain overflow: 1/8" per foot. Verify all sloping with local codes.							
2 All work done shall be performed with water control in mind. Containment of water is necessary to prevent water from damaging areas on floors below.							
3 Plumbing drawings are schematic in nature. Field verify exact pipe routing and coordinate with all other trades.							
4 All piping in plumbing chases shall be arranged to allow maintenance access.							
5 No piping to run over electrical panels, VFD's or MCC's. Protect equipment with a 42" deep zone in front of panels, VFD's, and MCC's.							
6 Coordinate fan room floor drain and floor sink locations with cooling coil, evaporative section, and heating coil locations.							
7 Contractor to provide valve identification and location on all ceiling tiles where valves are located.							
8 Piping and ducting shown including all below floor deck piping is approximate. It is up to the contractor to field verify the exact location and size of all piping.							
9 Refer to architectural drawings for fixture mounting heights, dimensions, and other requirements.							
10 Contractor to verify connection side of ADA fixtures and adjust accordingly. Install flush valves handles on wide side of all fixtures.							
11 Locate all vents minimum 25' away from air intakes.							
12 Install all domestic water lines below ductwork.							
13 Install a 24" x 24" access door below all isolation valves, balancing valves and water hammer arrestors where mounted above hard ceilings.							
14 Mount all isolation valves, control valves, balancing valves, etc. Near ceiling height for accessibility.							
15 Install all equipment with sufficient clearance for maintenance per manufacturers recommendation.							
16 Coordinate all floor penetrations with structural and provide sleeves as necessary.							
17 Coordinate the location of the floor drain, shower drain, or floor sink with architectural and structural, typical.							
18 See plumbing fixture schedule for pipe sizes of waste, vent and domestic water to/from single fixture.							
19 Hose bibbs shown at lavatories are to be mounted at an accessible location under the lavatory.							
20 Locate circuit setters, valves, water hammer arrestors, etc. In accessible locations. Provide 24" x 24" access panel where item is located above a hard ceiling. Provide appropriately sized access doors to any of these items installed in a wall. Coordinate access door size, location, and style with architect.							
21 Drain pans shall be installed under any piping that may contain water installed in an electrical, data, it, or other room with sensitive electrical equipment. This includes, but is not limited to hydronic, waste, domestic, roof drain, etc.							
22 Field verify location and inverts of site utilities prior to installation.							
23 Field verify all new water, waste and vent piping connections and provide new connections as required for properly operating systems.							
24 Waste and vent piping below floor and through floor to be 2" minimum.							
25 Install cleanouts in drain piping as indicated, and where not indicated, according to the following: • Size same as drainage piping up to 4" NPS. Use 4" NPS for larger. Drainage piping unless larger cleanout is indicated. • Locate at minimum intervals of 50 ft for piping 4" NPS and smaller and 100 ft for larger piping.							
25.3 • Locate at the base of each vertical stack.							
26 All piping utilized in conditioned air streams, conditioned spaces, or return air plenums shall comply with NFPA 90A flame spread, smoke development, and fuel contribution ratings of 25/50/0, respectively, as well as all applicable building codes and project specifications.							
27 Where non-plenum-rated piping is permitted or required within conditioned air streams, conditioned spaces, or return air plenums, it shall be insulated to achieve NFPA 90A flame spread, smoke development, and fuel contribution ratings of 25/50/0, respectively, and shall comply with all applicable building codes and project specifications.							
Medical Gas General Notes							
1 Medical gas piping is to be run above the ceiling, unless noted otherwise.							
2 Medical gas piping is schematic in nature. Field verify exact pipe routing and coordinate with all other trades.							
3 Mount all service valves near ceiling height for accessibility.							
4 All service valves shall be lockable. Provide frangible lock for all service valves.							
5 All zone valve boxes require source air from left side and controlled air from right side.							
Code Fixture Unit Table							
Qty		UPC	IPC	NPC	Code Fixture Unit Table	Design Total	
1		Yes	No	No	UPC Fixture Unit Summary	2	2
Drainage Fixture Units							
Qty		Description	Product Type	Emergency Drain	WSFU	DFU	Total
1		Sink	Single Bowl			2	2
Grand total: 1							
Water Supply Properties							
Standard Water Density = 62.4 lb/ft³ or 1000 kg/m³ Standard Water Specific Heat = 1,000 BTU/(lb·°F) or 4,187 J/(g·°C) Water Supply Temp. = Estimated Ground Water Temp.							
Qty		Density	Specific Heat	Water Meter Pressure	Water Supply Temp.		
2		62.4 lb/ft³	1,000 BTU/(lb·°F)	0 psi	40 °F		
Storm Drainage Rainfall Design							
Qty		Rainfall Design Depth	Duration	Surface Area	Piping Flow Propagation Rainfall Rate	Surface Area	
1							





NORTH

A circular compass rose with a vertical line and a horizontal line intersecting at the center. The word "NORTH" is written above the top of the vertical line. The word "SOUTH" is written below the bottom of the vertical line. The word "EAST" is written to the right of the right side of the horizontal line. The word "WEST" is written to the left of the left side of the horizontal line.

NORT

A north arrow pointing to the left, consisting of a circle with a horizontal line through its center and an arrowhead pointing left.

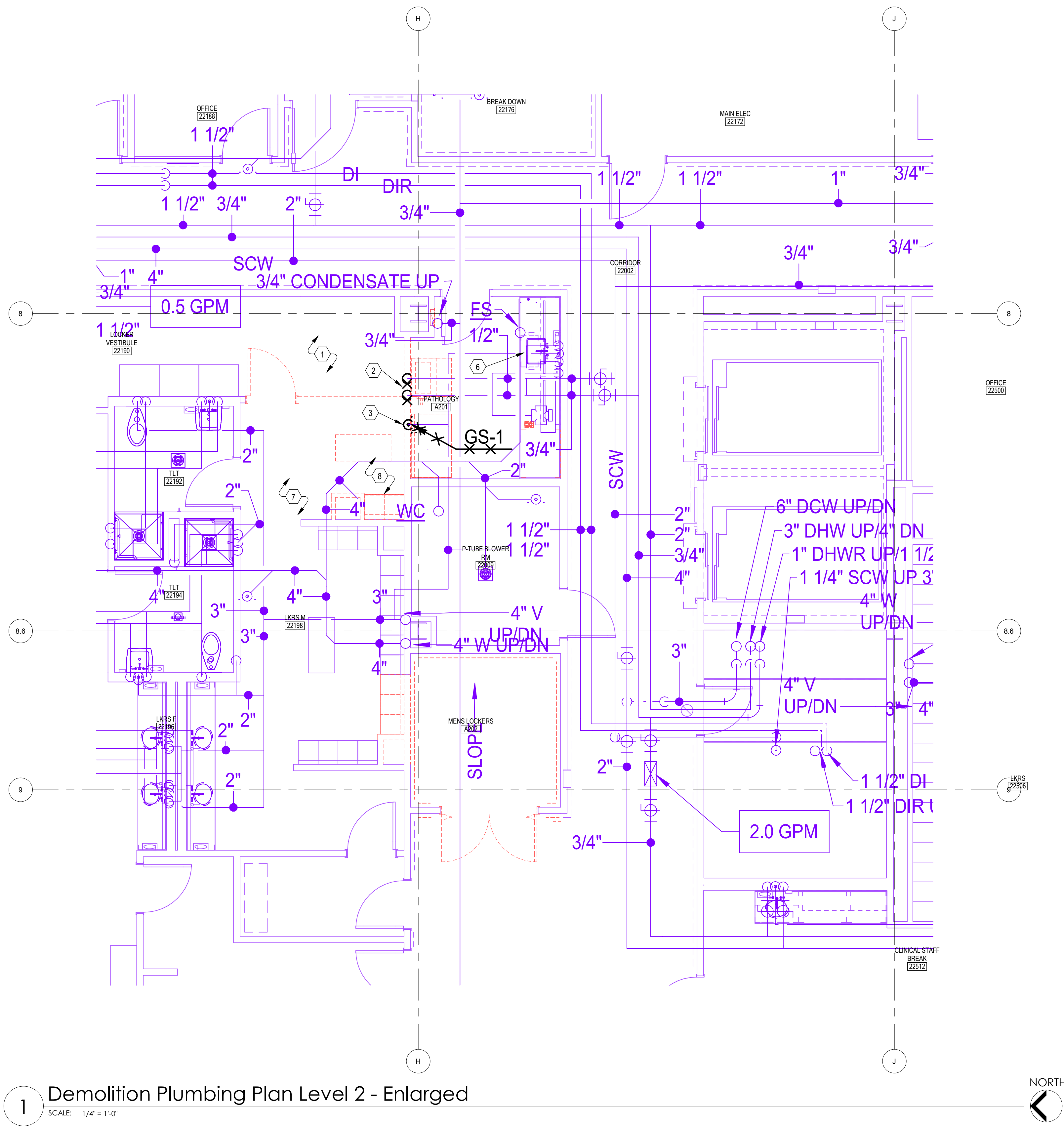
201 W Layton Parkway  
Layton, Utah 84041

25224.00  
Oct, 15 2025

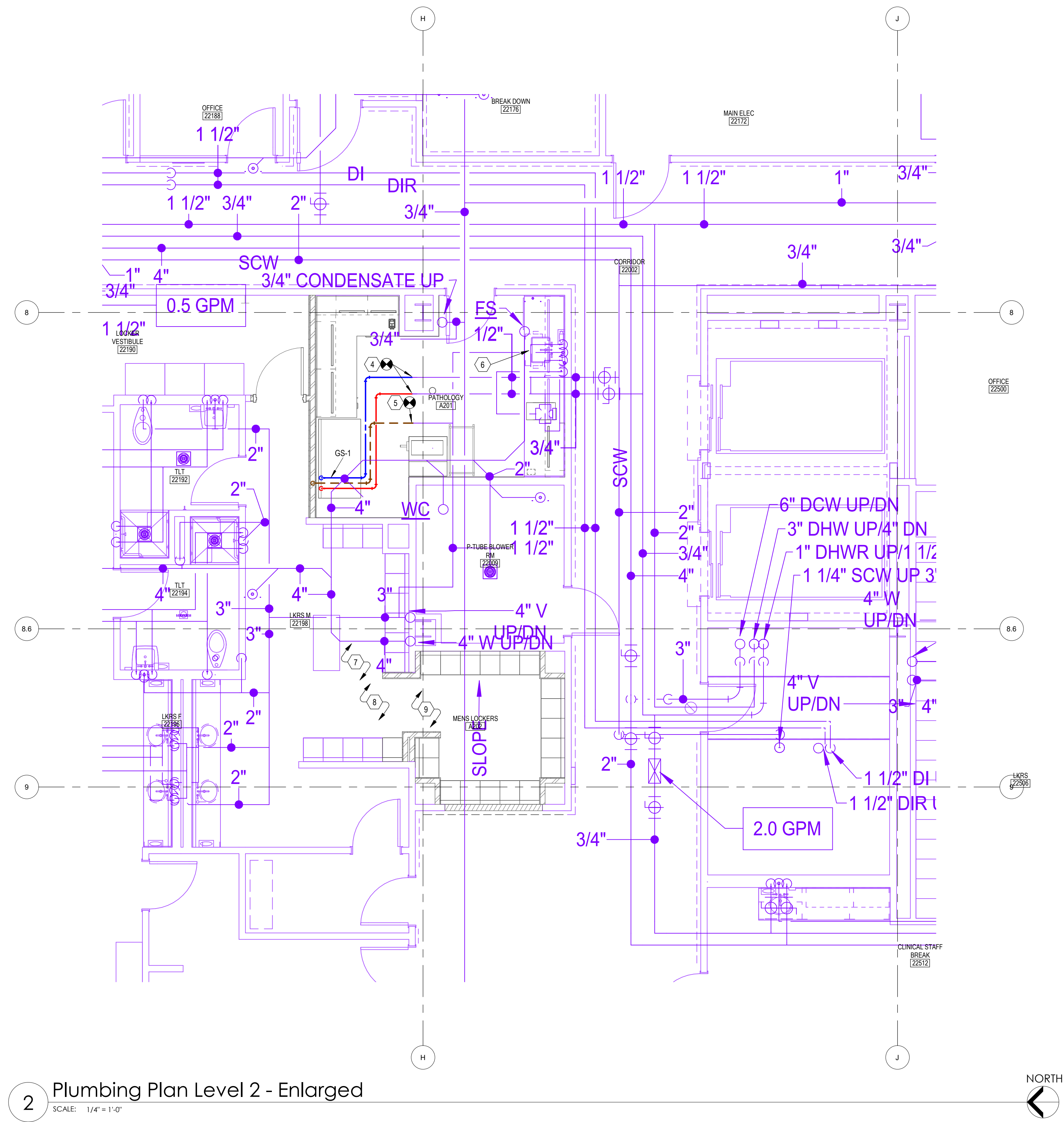
P113



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1 Demolition Plumbing Plan Level 2 - Enlarged  
SCALE: 1/4\" = 1'-0"

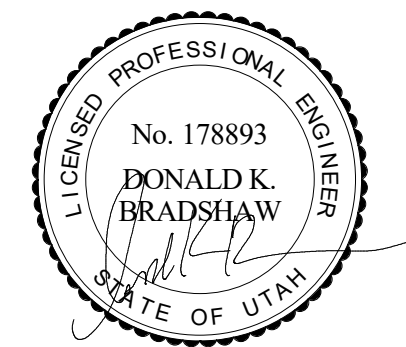


2 Plumbing Plan Level 2 - Enlarged  
SCALE: 1/4\" = 1'-0"

- KEYNOTES**
- 1 EXISTING SHOWN LIGHT AND PURPLE TO REMAIN. DARK AND CROSSED OUT TO BE DEMOLISHED.
  - 2 DOMESTIC HOT AND COLD WATER LINES SERVING EXISTING GROSSING SINK. DEMOLISH VERTICAL DROPS. HORIZONTAL PIPING IN CEILING TO REMAIN.
  - 3 VENT PIPING SERVING EXISTING GROSSING SINK. DEMOLISH VERTICAL DROP. HORIZONTAL PIPING IN CEILING TO REMAIN.
  - 4 CONNECT INTO EXISTING DOMESTIC HOT AND COLD WATER HERE.
  - 5 CONNECT INTO EXISTING VENT PIPING HERE.
  - 6 EXISTING SINK AND EYEWASH IN COUNTER TO REMAIN.
  - 7 TYPICAL: MOVE SPRINKLER LOCATIONS TO MATCH NEW FLOOR PLANS. EXISTING SPRINKLER HEADS TO BE REPLACED WITH FM APPROVED STANDARD SPRAY CONCEALED PENDENT SPRINKLERS. ESCUTCHEONS SHALL BE WHITE.
  - 8 TYPICAL: REUSE EXISTING FIRE BRANCHLINES WHERE POSSIBLE.
  - 9 TYPICAL: AREA TO BE TREATED AS HAZARD CLASS 1.



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Intermountain Health  
Layton Hospital  
Pathology and Locker Room Remodel

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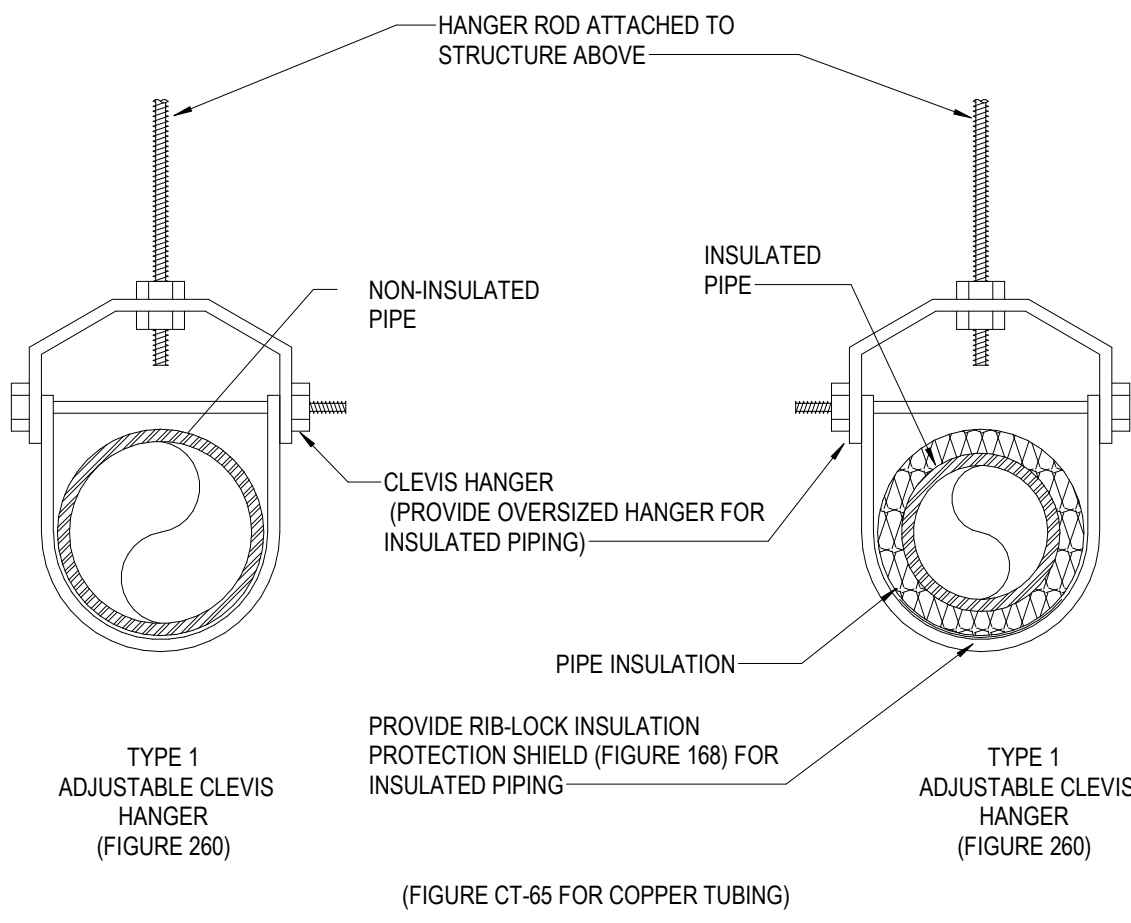
Plumbing  
Plan Level 2 -  
Enlarged

P123



PLUMBING FIXTURE SCHEDULE							
ID	FIXTURE	CW (IN)	HW (IN)	W (IN)	V (IN)	NOTES	SPECIFICATION
GS-1	SINK	1/2	1/2	2	1 1/2	EXISTING SINK IN FUME HOOD	EXISTING SINK TO BE REUSED

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

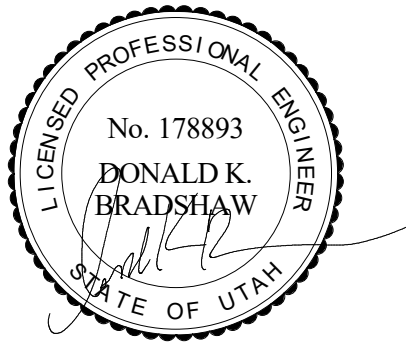


NOTE:  
FIGURE NUMBERS ARE TYPICAL TO GRINNELL SUPPORT NUMBERS.

1 SINGLE PIPE CLEVIS HANGER  
P501 1/8" = 1'-0"



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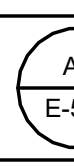





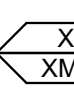




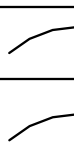











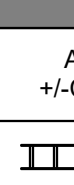











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


























































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

















































Plumbing  
Details &  
Schedules

P501



SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
REFERENCE AND LINE SYMBOLS	
	DETAIL INDICATOR: A5 INDICATES DETAIL NUMBER, E-501 INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
	ELEVATION OR SECTION INDICATOR, INTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
	ROOM IDENTIFIER WITH ROOM NAME AND NUMBER.
	KEYNOTE INDICATOR.
	REVISION INDICATOR.
	EQUIPMENT INDICATOR.
	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.
	NEW LINE: NEW LINE.
	HIDDEN FEATURES LINE: HIDDEN, THIN LINE
	EXISTING TO REMAIN LINE: THIN LINE.
	DEMOLITION LINE: DASHED, MEDIUM LINE
WIRING METHODS	
	WIRING.  SINGLE BRANCH CIRCUIT HOME RUN TO PANELBOARD WITH DEDICATED NEUTRAL CONDUCTOR. LETTER AND NUMBER NOTATION IDENTIFY PANEL AND CIRCUIT NUMBER.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS. NUMBER IN BOX REFERS TO THE CONDUCTOR AND CONDUIT SCHEDULE.
	LOW VOLTAGE WIRING: DIVIDE, MEDIUM LINE.
	CONDUIT STUB. DIMENSION RECORD DRAWINGS AND MARK.
	CONDUCTOR & CONDUIT ("CC") SCHEDULE INDICATOR. "1X" INDICATES CONDUCTOR MATERIAL. REFER TO ONE-LINE DIAGRAM.
	ADA ACCESS PUSH PLATE
	JUNCTION BOX
	JUNCTION BOX, CEILING.
	JUNCTION BOX, SYSTEMS FURNITURE COMMUNICATION CONNECTION.
	JUNCTION BOX, SYSTEMS FURNITURE POWER CONNECTION.
	PULL BOX.
	CABLE TRAY ABOVE ACCESSIBLE CEILING. "A*" DENOTES CABLE TRAY WIDTH. "B" DENOTES CABLETRAY DEPTH. "+C-D" DENOTES CABLE TRAY ELEVATION ABOVE OR BELOW FINISHED SURFACE.
	LADDER RACK.
	CABLE J-HOOKS ABOVE ACCESSIBLE CEILING
	MECHANICAL EQUIPMENT CONNECTION. REFER TO EQUIPMENT SCHEDULE FOR REQUIREMENTS.
CONDUIT TYPES	
	RIGID NONMETALLIC CONDUIT, POWER 208V
	RIGID NONMETALLIC CONDUIT, POWER 480V
	RIGID NONMETALLIC CONDUIT, POWER 600-V
	RIGID NONMETALLIC CONDUIT, COMMUNICATIONS
	RIGID METALLIC CONDUIT, POWER 208V
	RIGID METALLIC CONDUIT, POWER 480V
	RIGID METALLIC CONDUIT, POWER 600-V
	RIGID METALLIC CONDUIT, COMMUNICATIONS

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
WIRING DEVICES	
	RECEPTACLE, DUPLEX, NEMA 5-20R.
	RECEPTACLE, DUPLEX, ABOVE COUNTER: NEMA 5-20R.
	RECEPTACLE, DUPLEX, CEILING: NEMA 5-20R.
	RECEPTACLE, DUPLEX, DEDICATED CIRCUIT: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, DRINKING FOUNTAIN: CONCEAL WATER COOLER RECEPTACLE BEHIND WATER COOLER. SEE MECHANICAL/PLUMBING SHOP DRAWINGS FOR INSTALLATION REQUIREMENTS.
	RECEPTACLE, DUPLEX, ISOLATED GROUND: NEMA 5-20R.
	RECEPTACLE, DUPLEX, SWITCHED: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WET LABEL, "WEATHERPROOF IN USE": NEMA 5-20R.
	RECEPTACLE, DUPLEX, HOSPITAL, GRADE: NEMA 5-20R.
	RECEPTACLE, DUPLEX ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, DUPLEX, HOSPITAL, GRADE ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL, GRADE: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL, GRADE ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R.
	RECEPTACLE, DUPLEX, RECESSED: NEMA 5-20R.
	RECEPTACLE, DUPLEX, SWITCHED, RECESSED: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX, HOSPITAL, GRADE: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX, HOSPITAL, GRADE ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
	RECEPTACLE, SPECIAL PURPOSE. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG.
	MULTI-OUTLET ASSEMBLY: NEMA 5-20R.
	SWITCH, DIMMER.
	SWITCH, SINGLE POLE ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, DOUBLE POLE ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, THREE-WAY ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, FOUR-WAY ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, DOOR.
	SWITCH, KEY OPERATED.
	SWITCH, PILOT LIGHT.
	SWITCH, TIMER OPERATED.
	SWITCH, WEATHERPROOF.
	RECEPTACLE, DUPLEX, TAMPER RESISTANT: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL, GRADE: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL, GRADE ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, DUPLEX, WITH USB OUTLET
LIGHTING CONTROL	
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, WALL.
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, DIRECTIONAL.
	PHOTOCELL.
	PHOTOCELL, WALL MOUNTED.
	VACANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	VACANCY SENSOR, DUAL TECHNOLOGY, WALL.
	CEILING FAN.
	SWITCH/OCCUPANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
	SWITCH/VACANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
	DIMMER SWITCH/OCCUPANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
	DIMMER SWITCH/VACANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
	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)
	DIGITAL LIGHTING ROOM CONTROLLER
	DIGITAL LIGHTING DIMMING CONTROLLER
	DIGITAL PLUG LOAD CONTROLLER
	LIGHTING NETWORK SWITCH.
	LIGHTING NETWORK ROUTER.
	LIGHTING NETWORK SEGMENT MANAGER
	LIGHTING NETWORK BRIDGE
	LIGHTING EMERGENCY TRANSFER DEVICE
	LIGHTING SCHEME CONTROL TYPE: X INDICATES TYPE. SEE SCHEDULE / DIAGRAM.

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
FIRE ALARM	
	FIRE ALARM ANNUNCIATOR PANEL.
	FIRE ALARM CONTROL PANEL, SEMI-RECESSED.
	FIRE ALARM TERMINAL CABINET, NAC, SLC, SPEAKER CIRCUITS, AMPLIFIERS, BATTERIES
	CONTROL PANEL FOR HVAC: SMOKE CONTROL, STAIR PRESSURIZATION.
	VOICE EVACUATION PANEL.
	PRE-ACTION CONTROL PANEL.
	REMOTE VOICE EVACUATION MICROPHONE.
	FIRE PUMP CONTROLLER.
	JOCKEY PUMP CONTROLLER.
	AUTOMATIC DOOR CLOSERS: DOOR CLOSERS SHALL BE FURNISHED WITH DOOR HARDWARE AND CONNECTED BY FIRE ALARM INSTALLER.
	CONTROL MODULE.
	MONITOR MODULE.
	FIRE ALARM MANUAL PULL STATION.
	SHUT DOWN RELAY: INSTALL RELAY IN CONTROL CIRCUIT OF EQUIPMENT TO BE CONTROLLED IN THE EVENT OF A FIRE.
	WATER FLOW SWITCH: FLOW SWITCHES SHALL BE PROVIDED AND INSTALLED BY FIRE SPRINKLER CONTRACTOR AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
	VALVE SUPERVISORY SWITCH, TAMPER SWITCH, TAMPER SWITCHES SHALL BE PROVIDED AND INSTALLED BY FIRE SPRINKLER CONTRACTOR AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
	PRESSURE SUPERVISORY SWITCH: PRESSURE SWITCHES SHALL BE PROVIDED AND INSTALLED BY FIRE SPRINKLER CONTRACTOR AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
	MAGNETIC DOOR HOLDER.
	DETECTOR, SMOKE.
	DETECTOR, SMOKE, WALL MOUNTED.
	DETECTOR, SMOKE WITH AUXILIARY CONTACT.
	DETECTOR, SMOKE, BEAM RECEIVER.
	DETECTOR, SMOKE, BEAM TRANSMITTER.
	DETECTOR, SMOKE, ELEVATOR RECALL DESIGNATION.
	DETECTOR, SMOKE WITH GUARD.
	DETECTOR, SMOKE, RESIDENTIAL.
	DETECTOR, SMOKE WITH STROBE.
	DETECTOR, SMOKE, RESIDENTIAL WITH SOUNDER BASE.
	DETECTOR, SMOKE, AIR SAMPLING SYSTEM PORT LOCATION.
	DETECTOR, SMOKE, DUCT WITH HOUSING AND SAMPLING TUBE.
	SMOKE DAMPER, 120V POWER FROM ELECTRICAL SYSTEM.
	COMBINATION FIRE/SMOKE DAMPER, 120V POWER FROM ELECTRICAL SYSTEM.
	REMOTE ALARM INDICATING AND TEST SWITCH.
	DETECTOR, HEAT.
	DETECTOR, CARBON MONOXIDE.
	STROBE, WALL MOUNTED.
	STROBE, WALL MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, HORN/SPEAKER, WALL MOUNTED, WEATHERPROOF.
	ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, CHIME/STROBE, WALL MOUNTED, ONE ASSEMBLY.
	ALARM, HORN/STROBE WITH GUARD, WALL MOUNTED, ONE ASSEMBLY.
	ALARM, MINI HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY.
	SPEAKER, WALL MOUNTED, EVACUATION.
	SPEAKER, WALL MOUNTED, EVACUATION, COMBINATION STROBE.
	SPEAKER, WALL MOUNTED, EVACUATION, COMBINATION STROBE. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, HORN/STROBE, ONE ASSEMBLY, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, HORN, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	SPEAKER/STROBE, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	SPEAKER, CEILING MOUNTED.
	ALARM, STROBE, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	BELL, ELECTRIC, 120V FROM ELECTRICAL SYSTEM OR 24V FROM FIRE ALARM SYSTEM

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
ELECTRICAL POWER AND DISTRIBUTION	
	PANELBOARD WITH MAIN AND SUB FEED CIRCUIT BREAKER (ONE-LINE DIAGRAM).
	PANELBOARD WITH MAIN LUGS ONLY AND SURGE PROTECTION WITH CIRCUIT BREAKER (ONE-LINE DIAGRAM).
	PANELBOARD WITH SUB FEED LUGS (ONE-LINE DIAGRAM).
	PANELBOARD WITH CIRCUIT BREAKER AND SUB FEED LUGS (ONE-LINE DIAGRAM).
	CT CABINET PER UTILITY'S REQUIREMENTS (ONE-LINE DIAGRAM).
	TRANSFER SWITCH (ONE-LINE DIAGRAM).
	DIGITAL MULTIMETER (ONE-LINE DIAGRAM).
	DISCONNECT SWITCH, FUSED.
	DISCONNECT SWITCH, UNFUSED.
	STARTER, COMBINATION WITH DISCONNECT SWITCH.
	STARTER OR MOTOR CONTROLLER.
	PUSHBUTTON.
	PUSHBUTTONS, MOTOR CONTROL.
	PANELBOARD CABINET, FLUSH MOUNTED.
	PANELBOARD CABINET, SURFACE MOUNTED, 1 SECTION.
	PANELBOARD CABINET, SURFACE MOUNTED, 2 SECTION.
	DISTRIBUTION PANEL OR SWITCHBOARD.
	LIGHTING RELAY, CONTACTOR PANEL, OR DIMMING ENCLOSURE.
	SWITCH, TOGGLE MOTOR STARTER WITH OVERLOAD PROTECTION.
	TRANSFORMER (SEE ONE-LINE FOR SIZE)
	BUSWAY.
ELECTRICAL POWER AND DISTRIBUTION	
	FUSE WITH RATING (ONE-LINE DIAGRAM).
	DISCONNECT, FUSED (ONE-LINE DIAGRAM).
	DISCONNECT, NONFUSED (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER WITH SHUNT TRIP (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, MOTOR CIRCUIT PROTECTION (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, ADJUSTABLE TRIP. "AF" REPRESENTS FRAME RATING. "AT" REPRESENTS TRIP UNIT. (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, ADJUSTABLE TRIP CURVE. L=LONG TIME CURVE ADJUSTMENT, S=SHORT TIME CURVE ADJUSTMENT, I=INSTANTANEOUS CURVE ADJUSTMENT, G=GROUND FAULT ADJUSTMENT FULLY COMPLIANT WITH NEC 210.13, 215.10 AND 230.95. (ONE-LINE DIAGRAM).
	PANELBOARD WITH MAIN LUGS ONLY. BUS SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
	PANELBOARD WITH MAIN CIRCUIT BREAKER. SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
LIGHTING	
	FIXTURE IDENTIFICATION: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
	FIXTURE IDENTIFICATION: EMERGENCY LIGHTING FIXTURE WITH BATTERY PACK AND/OR GENERATOR AND/OR CENTRALIZED INVERTER AND/OR CENTRALIZED UPS CONNECTION AS INDICATED IN PLANS. (W-3E) INDICATES FIXTURE TYPE AS SCHEDULED.
	EMERGENCY.
	NIGHT LIGHT: DO NOT SWITCH.
	EGRESS DIRECTION ARROW (EXIT SIGNS).
	EXIT SIGN: SINGLE FACE; CEILING MOUNTED
	EXIT SIGN: SINGLE FACE; WALL MOUNTED
	EXIT SIGN: DOUBLE FACE; CEILING MOUNTED
	EXIT SIGN: DOUBLE FACE; WALL MOUNTED

# ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

1P	SINGLE POLE	KVAR	KILOVOLT AMPERE REACTIVE
1PH	SINGLE-PHASE	KW	KILOWATT
1WAY	ONE-WAY	KWH	KILOWATT HOUR
2C	TWO-CONDUCTOR	LEM	LIGHT EMITTING DIODE
2WAY	TWO-WAY	LFC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
3C	THREE-CONDUCTOR	LFC	LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT
3WAY	THREE-WAY	LPS	LOW PRESSURE SODIUM
4OUT	QUADRUPLE RECEPTACLE	LRA	LOCKED ROTOR AMPS
4PST	OUTLET	LRT	LIGHTING
4PST	FOUR-POLE DOUBLE THROW	LV	LOW VOLTAGE
4PST	FOUR-POLE SINGLE THROW	MATV	MASTER ANTENNA TELEVISION SYSTEM
4W	FOUR-WIRE	MAX	MAXIMUM
4WAY	FOUR-WAY	MC	METAL CLAD
A	ABOVE COUNTER	MCA	MINIMUM CIRCUIT AMPS
AC	ARMORED CABLE	MCB	MAIN CIRCUIT BREAKER
ACS	ACCESS CONTROL SYSTEM	MCC	MOTOR CONTROL CENTER
AD	AMERICANS WITH DISABILITIES ACT	MCP	MOTOR CIRCUIT PROTECTOR
ADJ	ADJACENT	MGP	MAIN DISTRIBUTION PANEL
AFB	ABOVE FINISHED FLOOR	MGR	MOTOR GENERATOR
AFG	ABOVE FINISHED GRADE	MH	MANHOLE
AI	AMPERE INTERRUPTING CAPACITY	MN	MINIMUM
ALUM	ALUMINUM	ML	MAIN LUGS ONLY
AMP	AMPERE	MOCP	MAXIMUM OVERCURRENT PROTECTION
ANN	ANNUNCIATOR	MTS	MANUAL TRANSFER SWITCH
AP	ACCESS POINT (WIRELESS DATA)	NA	NOT APPLICABLE
AS	AS REQUIRED	NC	NORMALLY CLOSED
ASC	AMPS SHORT CIRCUIT	NCE	NATIONAL ELECTRICAL CODE
AT	AUTOMATIC TRANSFER SWITCH	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
AV	AUDIO VISUAL	NFC	NATIONAL FIRE CODE
AWG	AMERICAN WIRE GAGE	NPFA	NATIONAL FIRE PROTECTION ASSOCIATION
B	BUCK-BUSTO TRANSFORMER	NL	NOT IN CONTACT
XBMR		NLT	NIGHT LIGHT
BBF	BELOW FINISHED FLOOR	NO	NORMALLY OPEN
BFG	BELOW FINISHED GRADE	NTS	NOT TO SCALE
CB	Ceilings mounted	OC	ON CENTER
CAT	CATEGORY	OC	OVER CURRENT PROTECTION
CATV	COMMUNITY ANTENNA TELEVISION	OE	OWNER ELECTRONICS
CB	CIRCUIT BREAKER	OF/CI	OWNER FURNISHED/CONTRACTOR INSTALLED
CSBA	CUSTOM COLOR AS SELECTED BY ARCHITECT	OF/CI	OWNER FURNISHED/OWNER INSTALLED
CCTV	CLOSED CIRCUIT TELEVISION	OPP	OBTAIN FROM PLANS
CF/CI	CONTRACTOR FURNISHED/CONTRACTOR INSTALLED	OD	OVERHEAD (COLING) DOOR
CF/CI	CONTRACTOR FURNISHED/OWNER INSTALLED	OL	OVERLOAD
CFBA	CUSTOM FINISH AS SELECTED BY ARCHITECT	PB	PUSHBUTTON
CI	CIRCUIT INDICATOR	PF	POWER FACTOR
CKT	CIRCUIT	PH	PHASE
CM	CONSTRUCTION MANAGER	PNL	PANEL
CND	CONDUIT	PM	PLENUM
CO	CONVENIENCE OUTLET	PAIR	PAIR
COR	CONTRACTING OFFICER'S REPRESENTATIVE	PS	POWER SUPPLY
CP	CONTROL PANEL	PT	POTENTIAL TRANSFORMER
CR	CARD READER	PTZ	PANTILT/ZOOM
CT	CURRENT TRANSFORMER	PH	PHOTO VOLTAGE
CTV	CABLE TELEVISION	QTY	QUANTITY
DBT	COPPER	R	REMOVE
dB	UNIT OF SOUND LEVEL	RCP	REFLECTED CEILING PLAN
DDA	DOUBLE POLE, DOUBLE THROW	RIG	RIGID METAL CONDUIT
DDT	THROW	RNC	RIGID NONMETALLIC CONDUIT
DS	DISCONNECT SWITCH	RO	REMOVE DOOR OPEN
E	ENHANCED	RPM	REVOLUTIONS PER MINUTE
EA	EACH	RSP	RISER PATCH PANEL
EM	EMERGENCY	RR	REMOVE AND RELOCATE
EMT	ELECTRICAL METALLIC TUBING	S	START/STOP
ENT	ELECTRIC NONMETALLIC TUBING	SCA	SHORT CIRCUIT AMPS
EPO	EMERGENCY POWER OFF	SCBA	STANDARD CIRCULATING AS SELECTED BY ARCHITECT
EQUIP	EQUIPMENT	SEC	SECURITY
ER	EQUIPMENT ROOM	SF	SQUARE FOOT (FEET)
EX	EXISTING	SFC	STANDARD FINISH AS SELECTED BY ARCHITECT
FA	FURNITURE MOUNTED	SPD	SURGE PROTECTIVE DEVICE
FA	FIRE ALARM	SPST	SINGLE POLE, DOUBLE THROW
FCA	FIRE ALARM CONTROL PANEL	SPEC	SPECIFICATION
FLP	FULL LOAD AMPS	SPC	STATION PATCH PANEL
FLM	FLEXIBLE METAL CONDUIT	SPST	SINGLE POLE, SINGLE THROW
FOB	FREIGHT ON BOARD	SW	SWITCH
FPP	FIBER PATCH PANEL	SWB	SWITCHBOARD
FVR	FULL VOLTAGE	SWGR	SWITCHGEAR
FNR	NON-REVERSING	TL	TWIST LOCK
FNR	FULL VOLTAGE REVERSING GENERATOR	TR	TELEPHONE POLE
FCFI	GROUND FAULT INTERRUPTER	TR	TWISTED PAIR
GFP	GROUND FAULT PROTECTION	TR	TELECOMMUNICATIONS ROOM
GIG	GIGA HERTZ	TTB	TELEPHONE TERMINAL BOARD
GND	GROUND	TV	TELEVISION
HD	HEAVY DUTY	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
HID	HIGH INTENSITY DISCHARGE	TY	TYPICAL
HDA	HAND-OFF-AUTOMATIC	UF	UNDERFLOOR
HP	HORSE POWER	UGND	UNDERGROUND
HPF	HIGH POWER FACTOR	U	UNINTERRUPTIBLE POWER SUPPLY
HPS	HIGH PRESSURE SODIUM	V	VOLTS
HV	HIGH VOLTAGE	V	VOLTS AMPERE
HW	HORIZONTAL WIRE MANAGEMENT	VCVF	VARIABLE FREQUENCY MOTOR D CONTROLLER
HZ	HERTZ	VIM	VIDEO INTERCOM SYSTEM
IO	INPUT/OUTPUT	VIM	VIDEO SURVEILLANCE SYSTEM
IG	ISOLATED GROUND	VVM	VERTICAL WIRE MANAGEMENT
IMC	INTERMEDIATE METAL CONDUIT	W<	WITH
INIS	INSULATED ISOLATED	W/O	WITHOUT
IR	INFRARED	WPP	WEATHERPROOF
J-BOX	JUNCTION BOX	WPP	WIRELESS PATCH PANEL
KV	KILOVOLT	XMR	TRANSFORMER
KVA	KILOVOLT AMPERE		

# 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 "NOTED" 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" MAN "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 CONTRACTORS SUBMITTALS, APPLICATIONS, AND SCHEDULES, INDICATES THE ENGINEER'S TO USE 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, OR APPLYING MATERIALS TO EXISTING STRUCTURES, 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 OPERATION. THIS INCLUDING, BUT NOT LIMITED TO, THE SAME OR 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 SYSTEMS GENERALLY REFERRED TO AS "TECHNOLOGY SYSTEMS." THESE SYSTEMS INCLUDE BUT ARE NOT NECESSARILY LIMITED TO ALL SYSTEMS WHICH UTILIZE VOLTAGES OF LESS THAN 717 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLEING SYSTEMS, ETC.

# GENERAL ELECTRICAL NOTES

CLARIFICATION METHODS: AT THE TIME OF BIDDING, BIDDERS SHALL FAMILIARIZE THEMSELVES WITH THE DRAWINGS AND SPECIFICATIONS. ANY QUESTIONS, MISUNDERSTANDINGS AND CONFLICTS, DELAYS, DISCREPANCIES, PRODUCTS, CANNOT BE DISCLOSED OR DISCREPANCIES DISCLOSED BETWEEN THE EQUIPMENT SUPPLIED AND THE INTENT OR FUNCTION OF THE EQUIPMENT, ETC., SHALL BE SUBMITTED TO THE ARCHITECT 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.

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 AND TIMES FOR RECEIVING AND 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.

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.

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.

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

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.

ELECTRICAL SHEET INDEX	
EE001	ELECTRICAL COVER SHEET
EE003	TELECOM SCHEDULES AND NOTES
EE004	AUXILIARY SCHEDULES AND NOTES
EE501	ELECTRICAL DETAILS
EE701	TYPICAL MOUNTING DETAILS
EDL101	LEVEL 2 CEILING DEMOLITION PLAN
EDL101	LEVEL 2 ELECTRICAL DEMOLITION PLAN
EP100	LEVEL 2 OVERALL POWER PLAN
EP101	LEVEL 2 POWER PLAN
EP501	TELECOM DETAILS
EP501	TELECOM CONDUIT & CABLE RISER DIAGRAM
EL601	LEVEL 2 LIGHTING PLAN
EL601	INTERIOR LIGHTING FIXTURE SCHEDULE
EY101	LEVEL 2 AUXILIARY PLAN
EY600	AUXILIARY DETAILS & RISERS



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

DATA PATCH CORD SCHEDULE		
(CATEGORY 6A F/UTP CABLES W/ RJ-45 CONNECTORS)		
LENGTH (FEET)	COLOR	QUANTITY
5	BLUE	50% OF TOTAL PORTS IN TDR'S
7	BLUE	40% OF TOTAL PORTS IN TDR'S
10	BLUE	5% OF TOTAL PORTS IN TDR'S
15	BLUE	5% OF TOTAL PORTS IN TDR'S

EQUIPMENT/CABLE LIST		
THE ITEMS INDICATED BELOW SHALL NOT BE CONSTRUED AS A "BILL OF MATERIALS". THIS LIST IDENTIFIES ITEMS OF SIGNIFICANCE USED DURING THE DESIGN OF THE CABLING INSTALLATION. WHERE THE ITEMS INDICATED ARE ONE PORTION OF AN ASSEMBLY, THE ENTIRE ASSEMBLY SHALL BE PROVIDED UNLESS OTHERWISE SPECIFIED. PROVIDE ALL MISCELLANEOUS HARDWARE AND SUPPORTS, WHICH MAY NOT BE LISTED HERE, FOR A COMPLETE INSTALLATION. COMPARE CATALOG NUMBERS WITH DESCRIPTIONS AND NOTIFY ENGINEER OF DISCREPANCIES PRIOR TO BID. IF CATALOG NUMBERS DO NOT MATCH DESCRIPTIONS, THE DESCRIPTIONS TAKE PRECEDENCE. PROVIDE COMPLETE SUBMITTAL FOR APPROVAL PRIOR TO PURCHASING ANY EQUIPMENT OR CABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.		
SYMBOL	ITEM DESCRIPTION	ACCEPTABLE TYPES
	STATION CABLE - CATEGORY 6A F/UTP, RISER RATED, BLUE, DATA	SIEMON 9A6R4-A5-06-R1A
	STATION CABLE - CATEGORY 6A F/UTP, PLENUM RATED, BLUE, DATA	SIEMON 9A6P4-A5-06-R1A
▽	VOICE OUTLET, SINGLE GANG FACEPLATE, WHITE W/ WALL HUNG PHONE MOUNTING STUDS, ONE POSITION W/ CATEGORY 6A INSERT	SIEMON MX-WP-Z6AS-SS
▽	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	BLANK INSERT, WHITE	SIEMON MX-BL-02
▽	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
	NOTE: FOR FLOOR BOX APPLICATIONS ONLY, USE DECORA FRAME	SIEMON MX-D42-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	BLANK INSERT, WHITE	SIEMON MX-BL-02
4 ▼	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
SEC Y	DATA OUTLET, SURFACE MOUNT BOX, WHITE, 1 POSITION (SEC=SECURITY DEVICE)	SIEMON MX-SM21-02
	CATEGORY 6A JACK - SECURITY, BLUE	SIEMON Z6A-S06
	PATCH CABLE, CATEGORY 6A SHIELDED, BLUE, 5 FOOT	SIEMON SP6A-S05-06
	PATCH CABLE, CATEGORY 6A SHIELDED, BLUE, 7 FOOT	SIEMON SP6A-S07-06
	PATCH CABLE, CATEGORY 6A SHIELDED, BLUE, 10 FOOT	SIEMON SP6A-S10-06
	PATCH CABLE, CATEGORY 6A SHIELDED, BLUE, 15 FOOT	SIEMON SP6A-S15-06
⦿	FIRE-RATED SLEEVES (2"x2" FOR ROOM PENETRATIONS, 4"x4" FOR J-HOOK PATHWAYS)	STI EZ PATH, HILT
⦿	SMOKE/ ACOUSTICAL-RATED SLEEVES (2"x2" FOR ROOM PENETRATIONS, 4"x4" FOR J-HOOK PATHWAYS)	STI EZ PATH, HILT
—J—J—J—	TRIPLE-TREE J-HOOKS	CADDY CAT64HPSWM3

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

GENERAL TELECOM NOTES



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

























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NJRA Project # 25224.00  
Construction Documents Oct. 15, 2025

TELECOM  
SCHEDULES  
AND NOTES

EE003



SYMBOL SCHEDULE			
SYMBOL	DESCRIPTION	ROUGH-IN REQUIREMENTS	NOTES
	ACCESS CONTROL SYSTEM HEAD END	SEE EY651	
	CARD READER	4SQ J-BOX AT 40" AFF; 1" CONDUIT TO ACS	
	CARD READER MULLION MOUNTED	AT 40" AFF; 1" CONDUIT TO ACS	
	CARD READER POE	4SQ J-BOX AT 40" AFF; 1" CONDUIT TO ACS	
	CARD READER WITH KEYPAD	4SQ J-BOX AT 40" AFF; 1" CONDUIT TO ACS	
	BIOMETRIC CARD READER	4SQ J-BOX AT 40" AFF; 1" CONDUIT TO ACS	
	CARD READER EXIT AND LOCK DEVICE	AT 40" AFF; MOUNTED TO DOOR; 1" CONDUIT TO ACS	
	WIRELESS CARD READER		
	SURVEILLANCE CAMERA	SEE CAMERA SCHEDULE EE00X	CAT 6
	DUAL-IMAGER CAMERA	SEE CAMERA SCHEDULE EE00X	CAT 6
	MULTI-IMAGER CAMERA	SEE CAMERA SCHEDULE EE00X	CAT 6
	PANORAMIC 360/180 CAMERA	SEE CAMERA SCHEDULE EE00X	CAT 6
	PTZ MULTI-IMAGER CAMERA	SEE CAMERA SCHEDULE EE00X	CAT 6
	DOOR LOCK TYPE [M] - MAG LOCK [L] - LEVER SET LOCK [NO LETTER] - GENERIC LOCK [T] - ELECTRIC TRANSFER HINGE [S] - ELECTRIC STRIKE LOCK [C] - CRASH BAR LOCK [O] - OPERATOR LOCK	SEE DOOR ROUGH IN DETAIL EY551	
	DOOR CONTACT INDICATOR	SEE DOOR ROUGH IN DETAIL EY551	
	REQUEST TO EXIT DEVICE [M] - MOTION REX [L] - LEVER SET REX [NO LETTER] - GENERIC REX [C] - CRASH BAR REX [D] - DELAYED EGRESS REX	SEE DOOR ROUGH IN DETAIL EY551	
	INTERCOM STATION	4SQ J-BOX AT 18" AFF; 1" CONDUIT TO TR	CAT 6
	INTERCOM MASTER STATION	4SQ J-BOX AT 18" AFF; 1" CONDUIT TO TR	CAT 6
	MOTION DETECTOR - CEILING MOUNTED		
	MOTION DETECTOR - WALL MOUNTED		
	SIREN		
	PANIC BUTTON	NO ROUGH IN REQUIRED, MOUNT UNDER DESK, COORDINATE EXACT LOCATION WITH OWNER	
	RECEIVER FOR WIRELESS PANIC ALARM	1 GANG BOX, CEILING MOUNTED, 3/4" CONDUIT	CAT 6
	SHARED SERVICES FLOOR BOX FOR ELECTRICAL AND SECURITY CONTACTS	2 GANG FOR ELECTRICAL, 1 GANG FOR SECURITY CONTACTS (FLUSH MOUNT) 1" CONDUIT TO ACS	3 PAIR 18 AWG
	REMOTE DOOR OPENING BUTTON	COORDINATE ROUGH IN BOX WITH LOCATION, 3/4" CONDUIT	1 PAIR 18 AWG
	55" MONITOR FOR VIDEO SURVEILLANCE AND SECURITY, PROVIDE WITH ARTICULATING WALL MOUNT	CHIEF PAC525, PROVIDE WITH POWER IN ONE SIDE AND DATA IN OTHER SIDE, PROVIDE 1-1/4" C TO 4-11/16 BOX AT AFF FOR MONITOR CABLE PASS THROUGH	HDMI OR DISPLAY PORT TO LOCAL WORKSTATION

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



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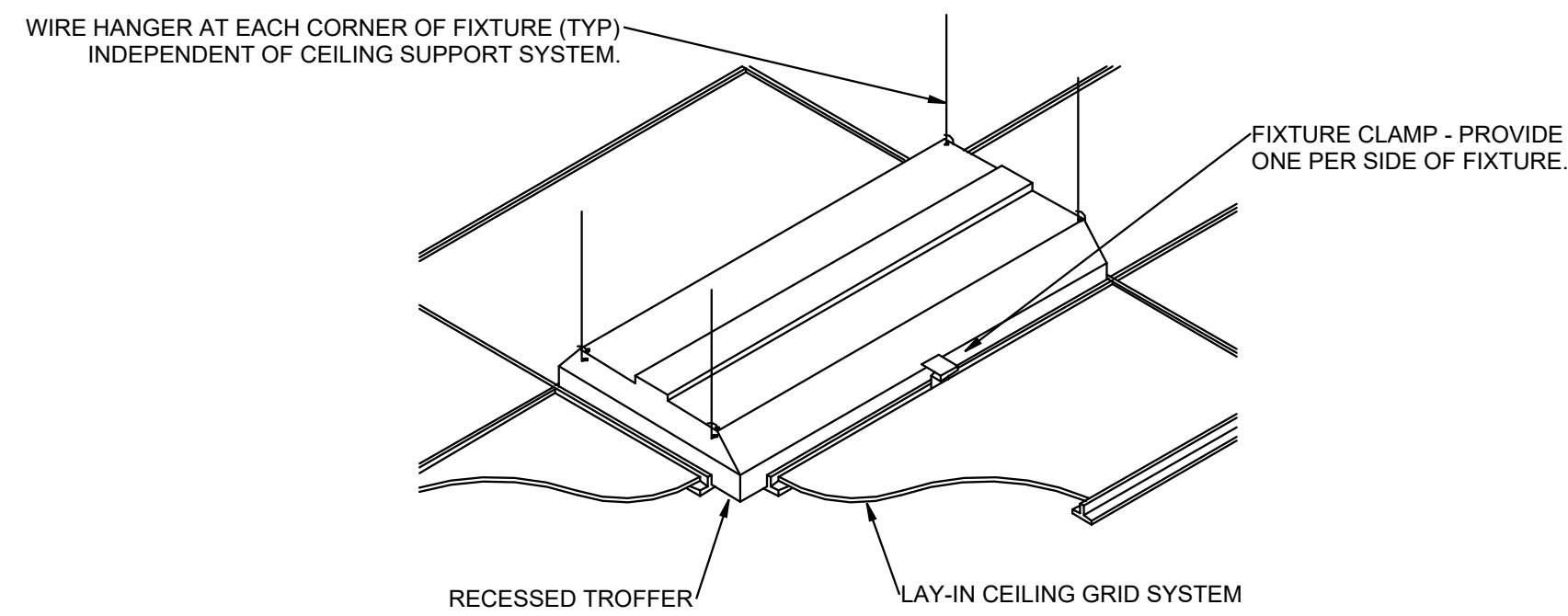
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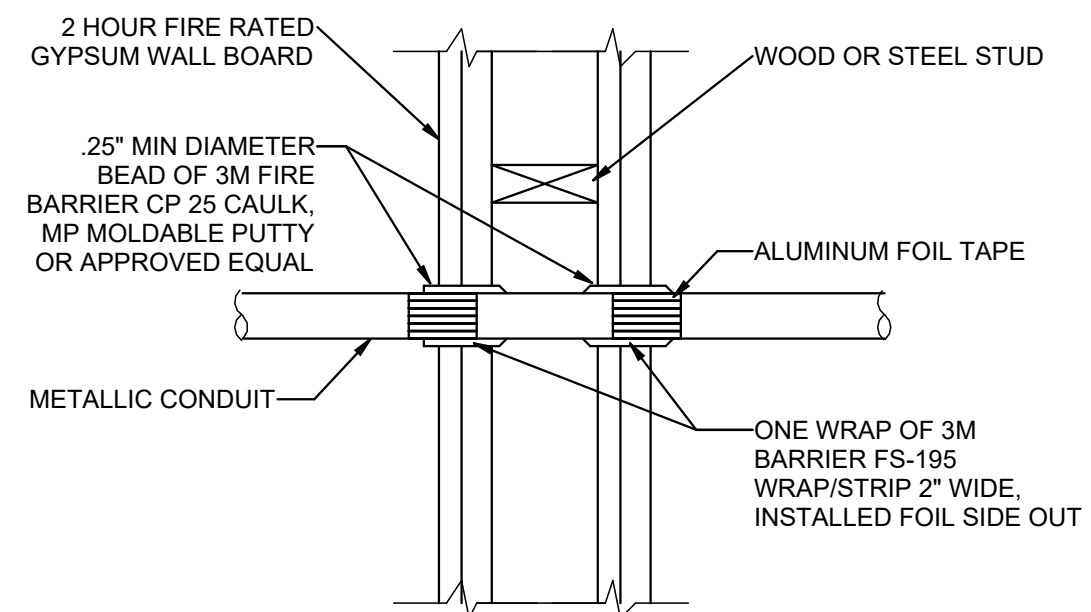


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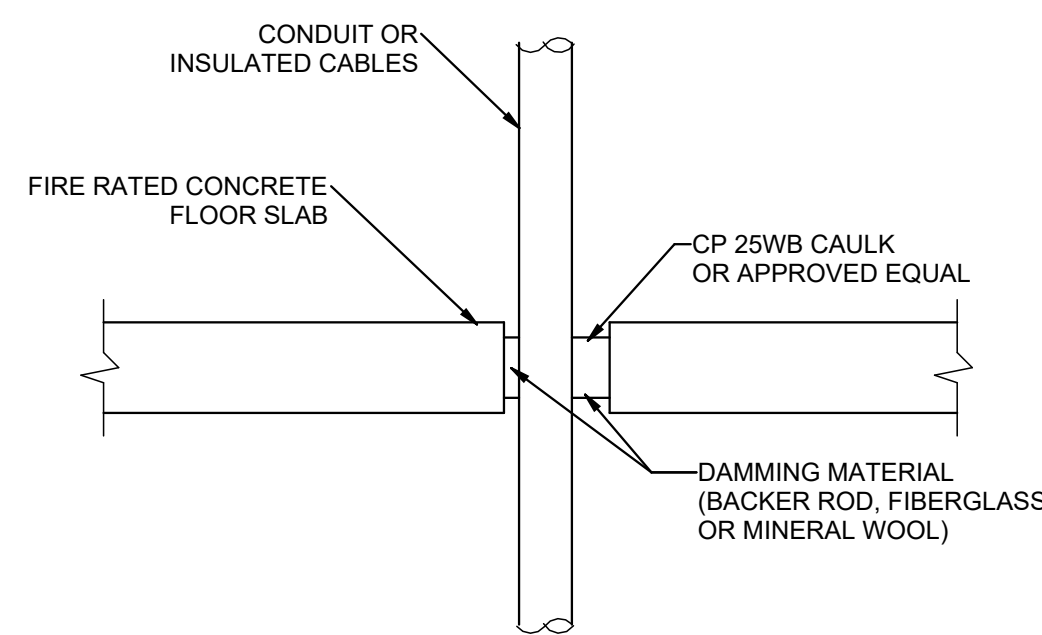
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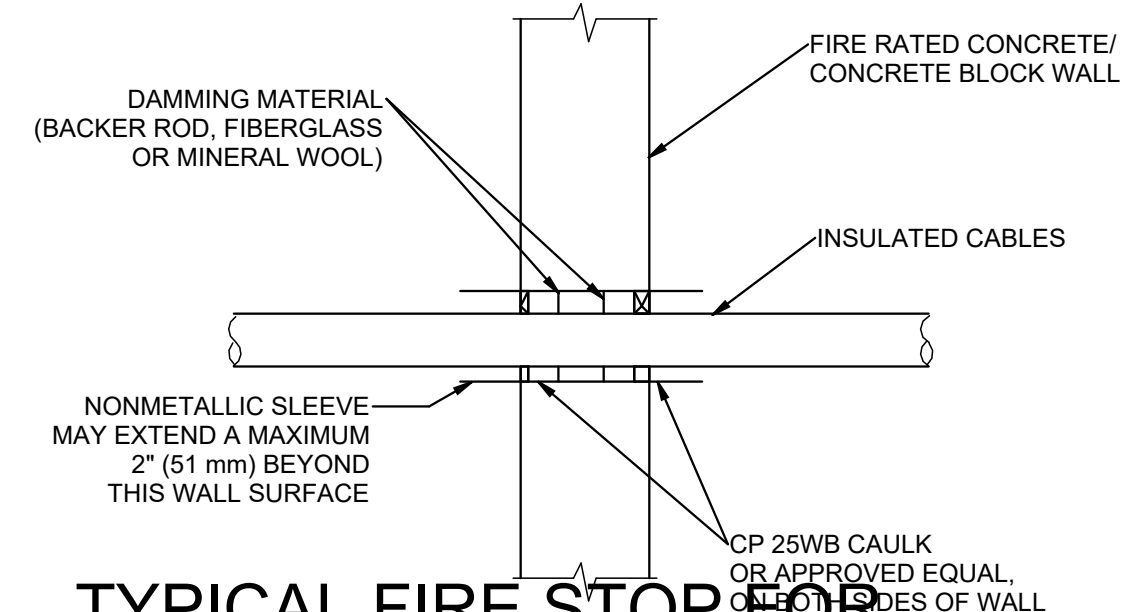
7 RECESSED FIXTURE MOUNTING DETAIL  
SCALE: NTS



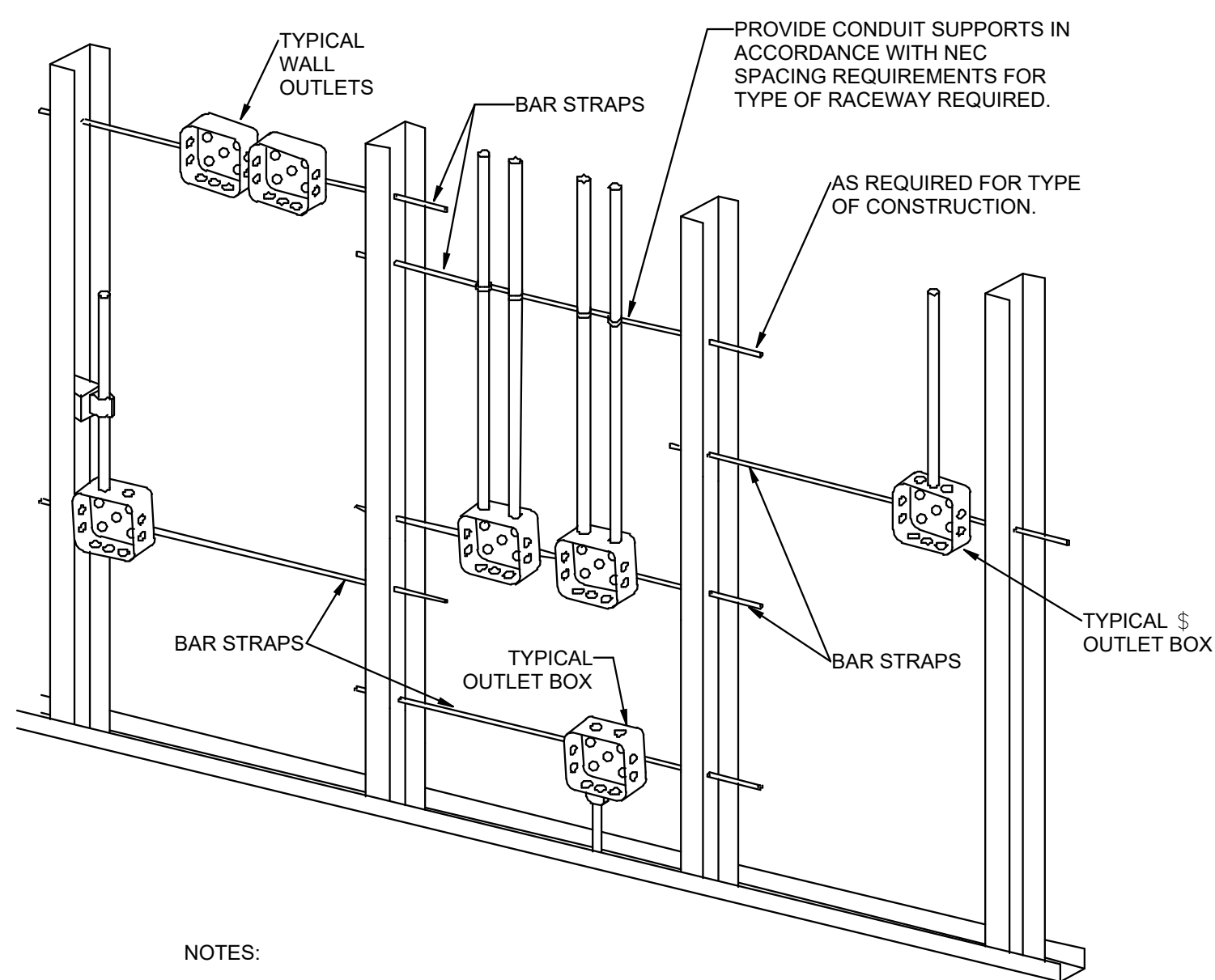
4 FIRE STOP FOR METAL CONDUIT THROUGH GYPSUM WALL BOARD  
SCALE: NTS



5 TYPICAL FIRE STOP FOR CABLES/CONDUIT THROUGH CONCRETE FLOORING  
SCALE: NTS

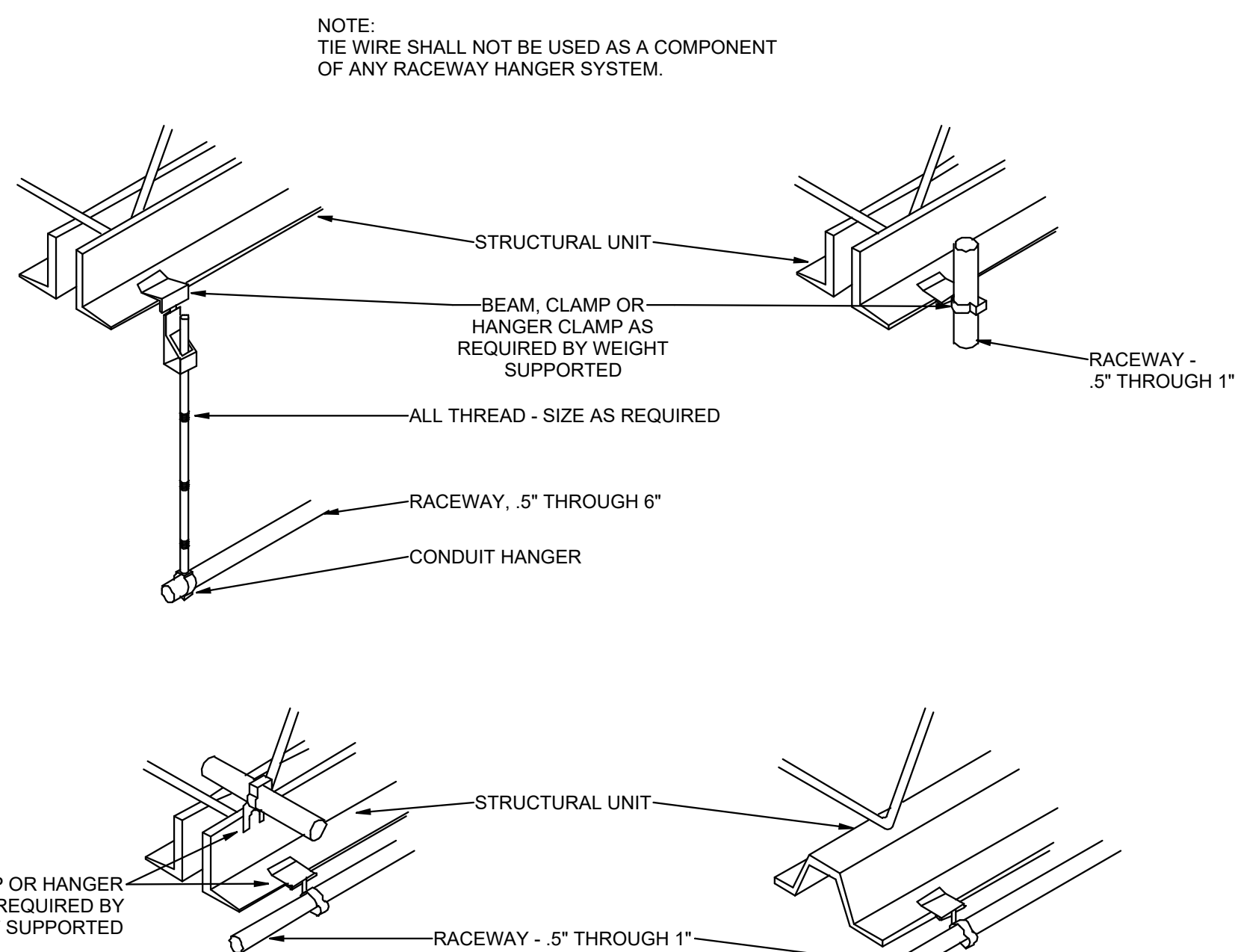


6 TYPICAL FIRE STOP FOR CABLES/CONDUIT THROUGH CONCRETE WALLS  
SCALE: NTS

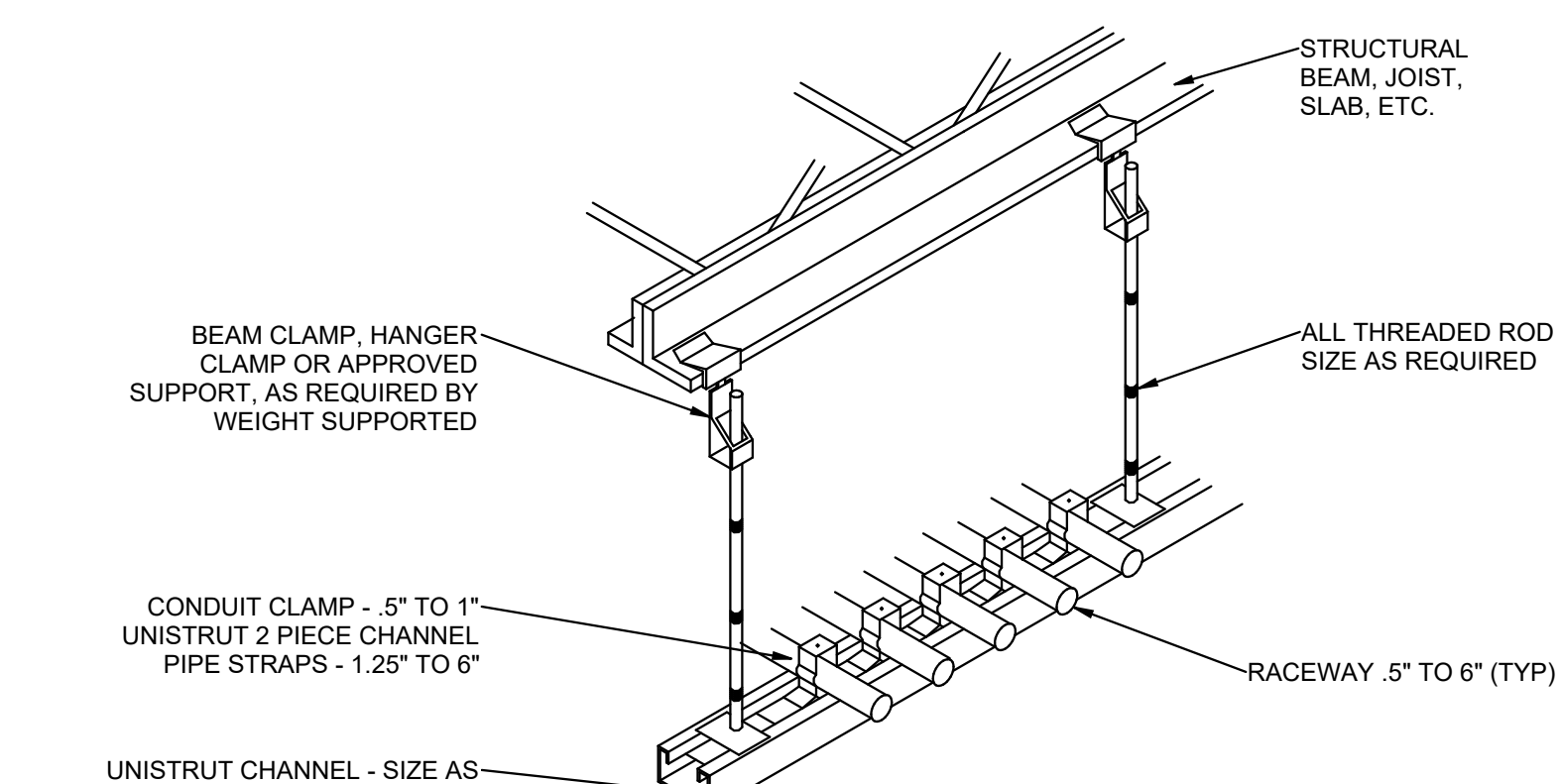


- NOTES:
1. TYPICAL FOR WOOD AND METAL STUD ROUGH-IN.
  2. PLASTER RINGS NOT SHOWN.
  3. LOCATE ALL OUTLET BOXES IN ACCORDANCE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND WITH ALL APPLICABLE SHOP DRAWINGS.
  4. IN ACCORDANCE WITH IBC 714.3.2 EXCEPTION 1, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS 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.

1 TYPICAL ROUGH-IN REQUIREMENTS DETAIL  
SCALE: NTS



2 TYPICAL RACEWAY SUPPORT METHODS DETAIL  
SCALE: NTS



3 TYPICAL CONDUIT RACK DETAIL  
SCALE: NTS



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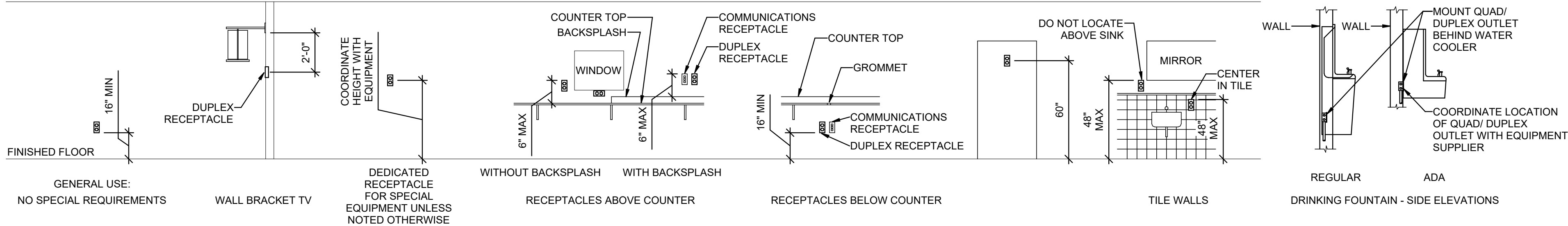
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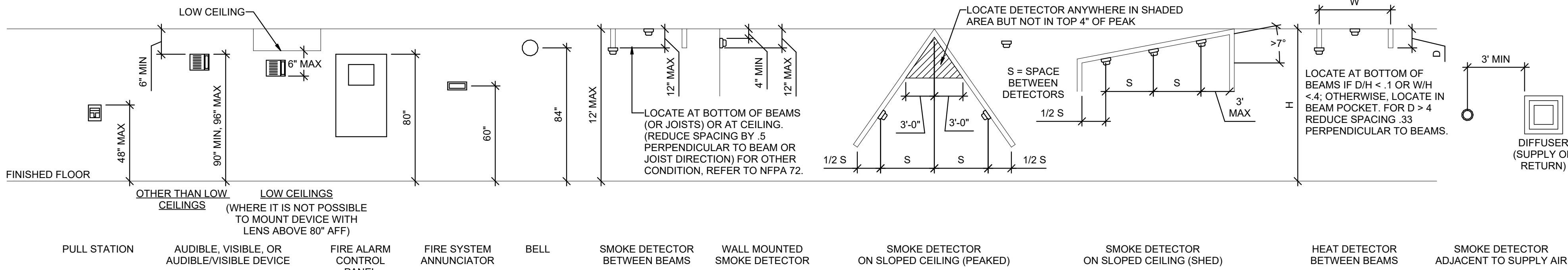
ELECTRICAL  
DETAILS

EE501

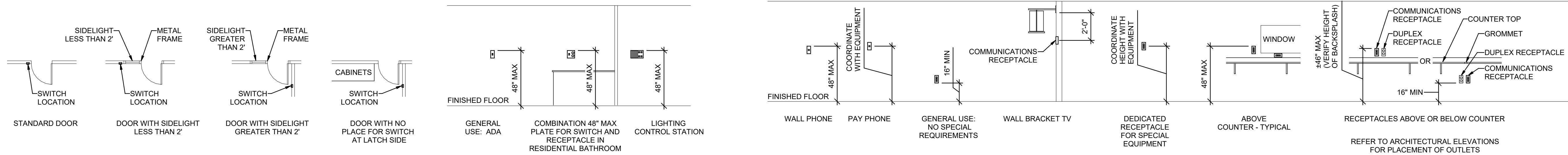




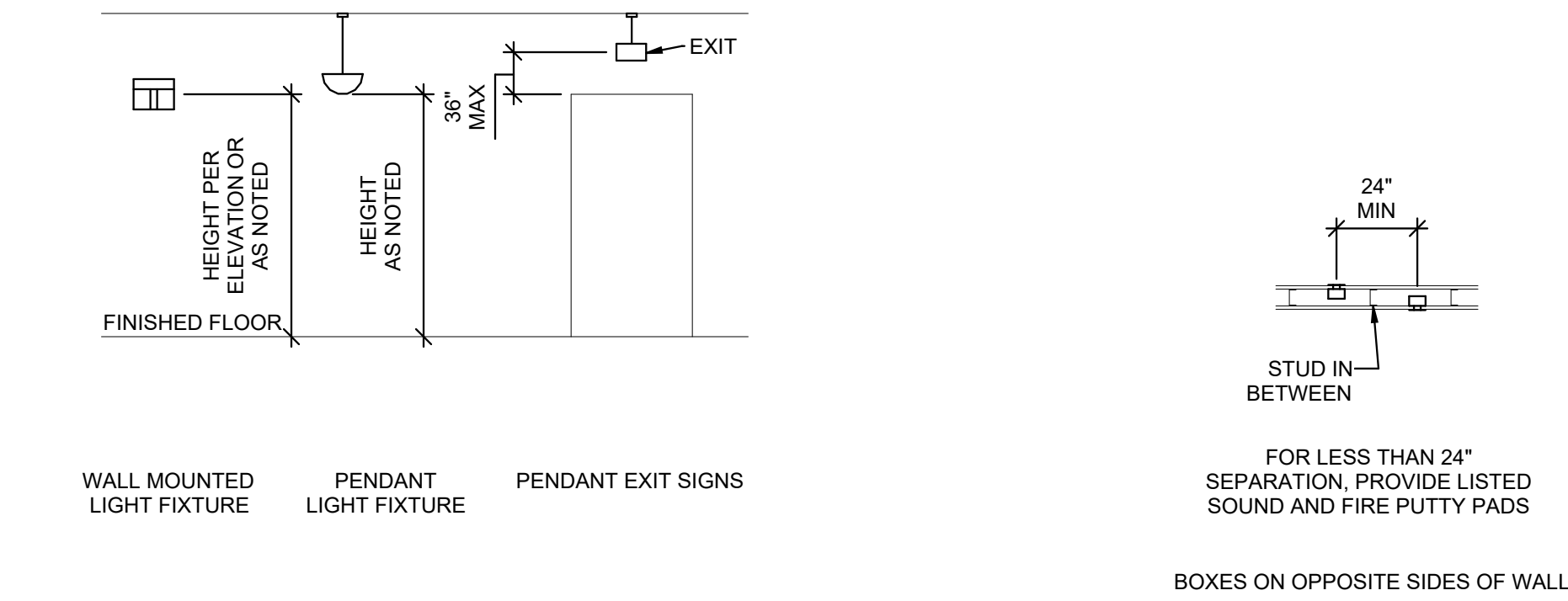
7 RECEPTACLE MOUNTING DETAILS  
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6 FIRE ALARM MOUNTING DETAILS  
SCALE: NTS



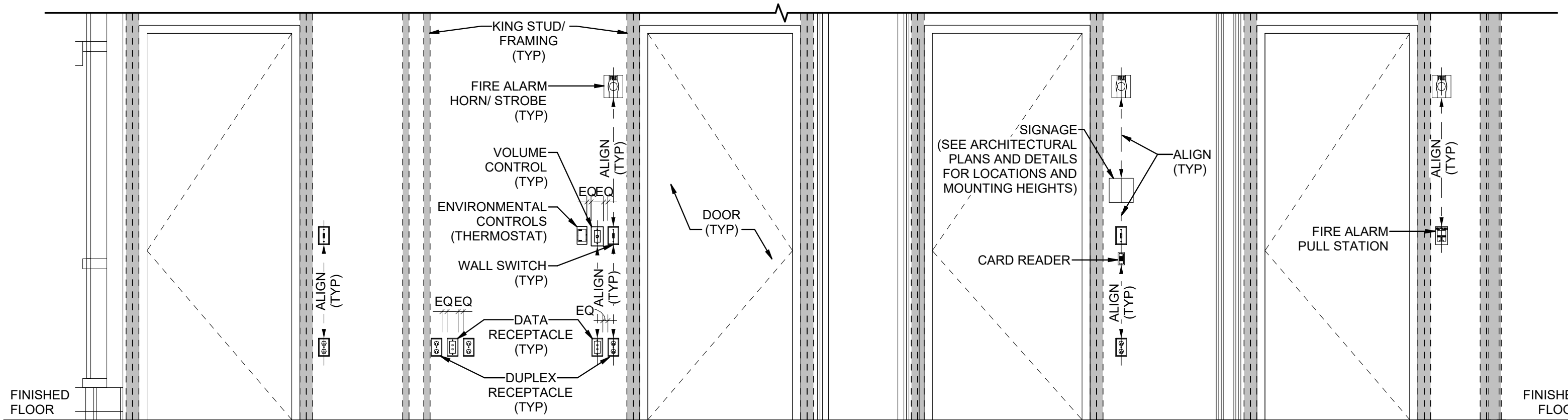
4 SWITCH MOUNTING DETAILS  
SCALE: NTS



1 LIGHTING MOUNTING DETAILS  
SCALE: NTS

2 BOX MOUNTING DETAILS  
SCALE: NTS

3 TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL  
SCALE: NTS



## GENERAL SHEET NOTES

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

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10/15/2025

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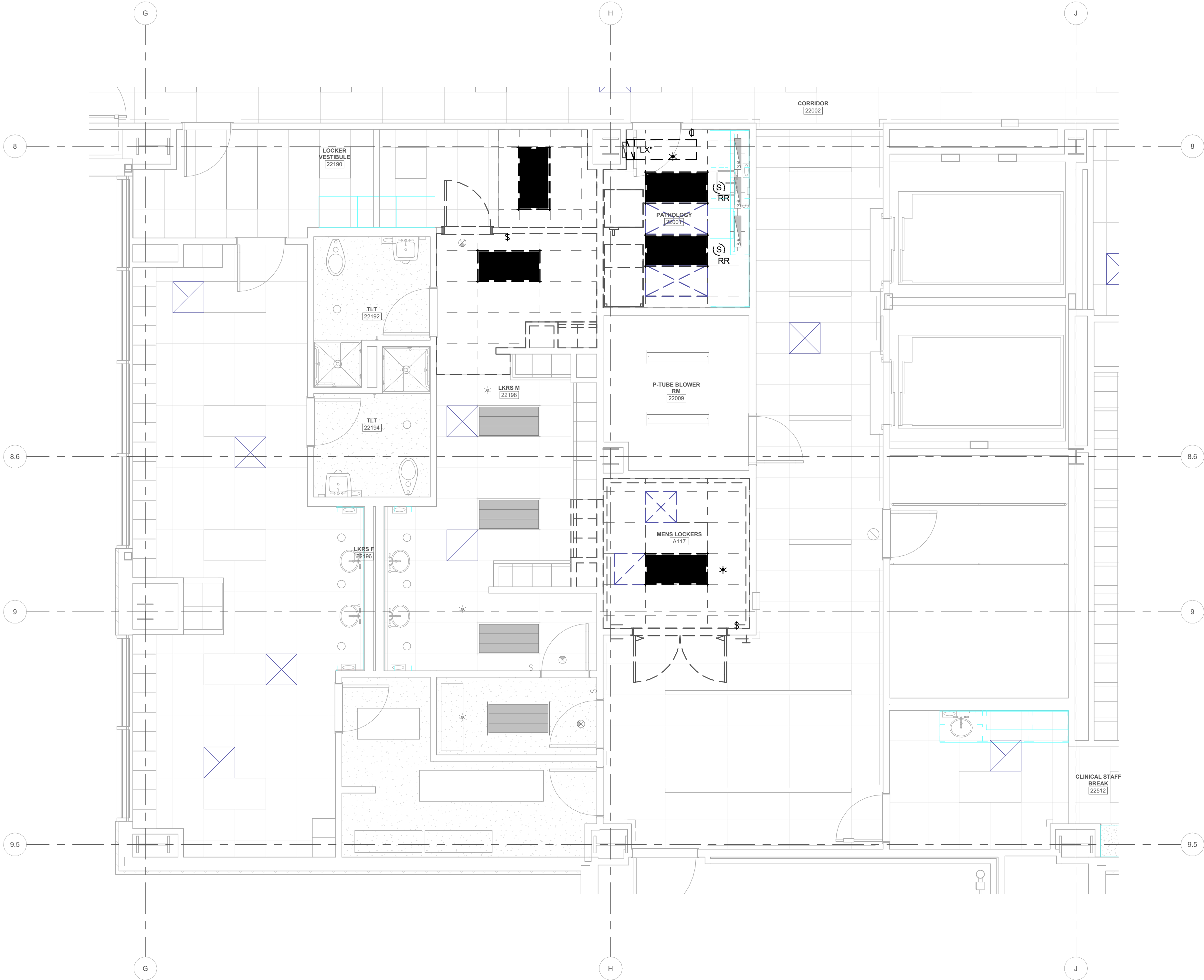
TYPICAL  
MOUNTING  
DETAILS

EE701



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**1** LEVEL 2 CEILING DEMOLITION PLAN  
SCALE: 1/4" = 1'-0"

**GENERAL SHEET NOTES**

- 1 UNLESS NOTED OTHERWISE REMOVE ALL LIGHTING FIXTURES DEVICES AND EQUIPMENT SHOWN DASHED. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD OF ORIGIN OR TO FIRST ACTIVE DEVICE THAT REMAINS.
- 2 SALVAGE ALL LIGHT FIXTURES, TWIST-LOCK RECEPTACLES AND WALLPLATES, CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.
- 3 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.
- 4 PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.
- 5 REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, RE-ROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.
- 6 REMOVE ALL FIRE ALARM DEVICES WHERE EXISTING WALLS AND CEILINGS ARE BEING REMOVED, WITH ASSOCIATED CONDUIT AND WIRING. EXISTING FIRE ALARM DEVICES AND SYSTEM NOT INDICATED FOR REMOVAL SHALL REMAIN ACTIVE THROUGHOUT DEMOLITION AND CONSTRUCTION UNTIL THE NEW SYSTEM IS TESTED AND OPERATIONAL. MAINTAIN ALL CLASS A FIRE ALARM INITIATING AND INDICATING LOOPS WHERE EXISTING DEVICES ARE REMOVED.
- 7 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.
- 8 DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.
- 9 REFER TO ARCHITECTURAL DRAWINGS FOR REMOVAL OF MOTORS, CONDUIT, CONDUCTOR AND CONTROL WIRING ASSOCIATED WITH EXISTING MOTORIZED DOORS, PARTITIONS AND LIGHTING.
- 10 REMOVE FEEDERS FOR ALL DEMOLISHED PANELS, DISCONNECTS, ETC. BACK TO SOURCE
- 11 ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.
- 12 CONTRACTOR TO TRACE AND LABEL ALL EXISTING LOADS TO REMAIN, THAT ARE CURRENTLY FED FROM PANELS THAT ARE BEING DEMOLISHED IN THIS PHASE. THESE LOADS TO BE RE-FED FROM NEW PANELS IN NEXT PHASE.

**SHEET KEYNOTES**



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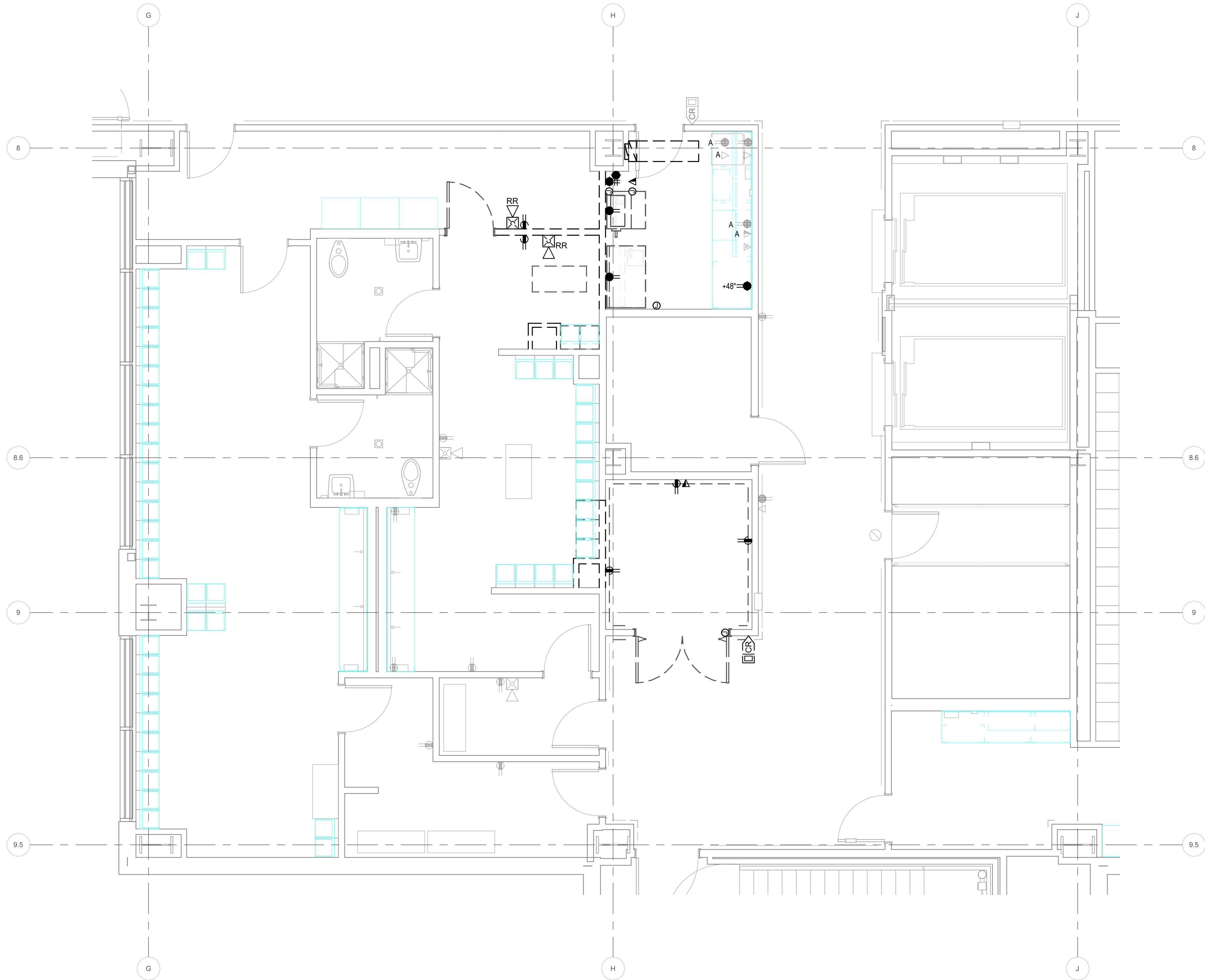
**LEVEL 2  
CEILING  
DEMOLITION  
PLAN**

**EDL101**



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1 LEVEL 2 ELECTRICAL DEMOLITION PLAN  
SCALE: 1/4" = 1'-0"

## GENERAL SHEET NOTES

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## SHEET KEYNOTES



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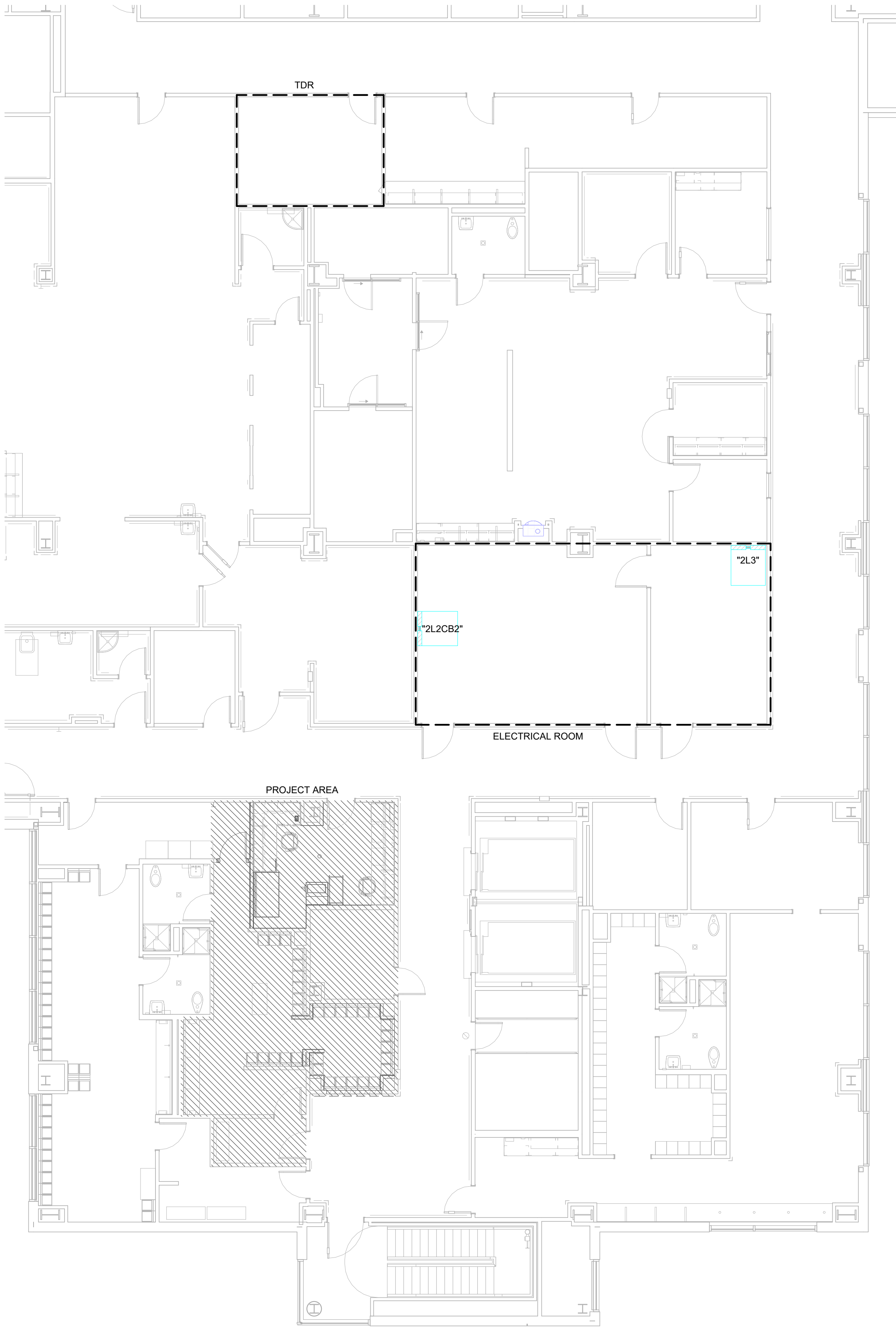
LEVEL 2  
ELECTRICAL  
DEMOLITION  
PLAN

EDP101



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1 LEVEL 2 OVERALL POWER PLAN  
SCALE: 1/8" = 1'-0"



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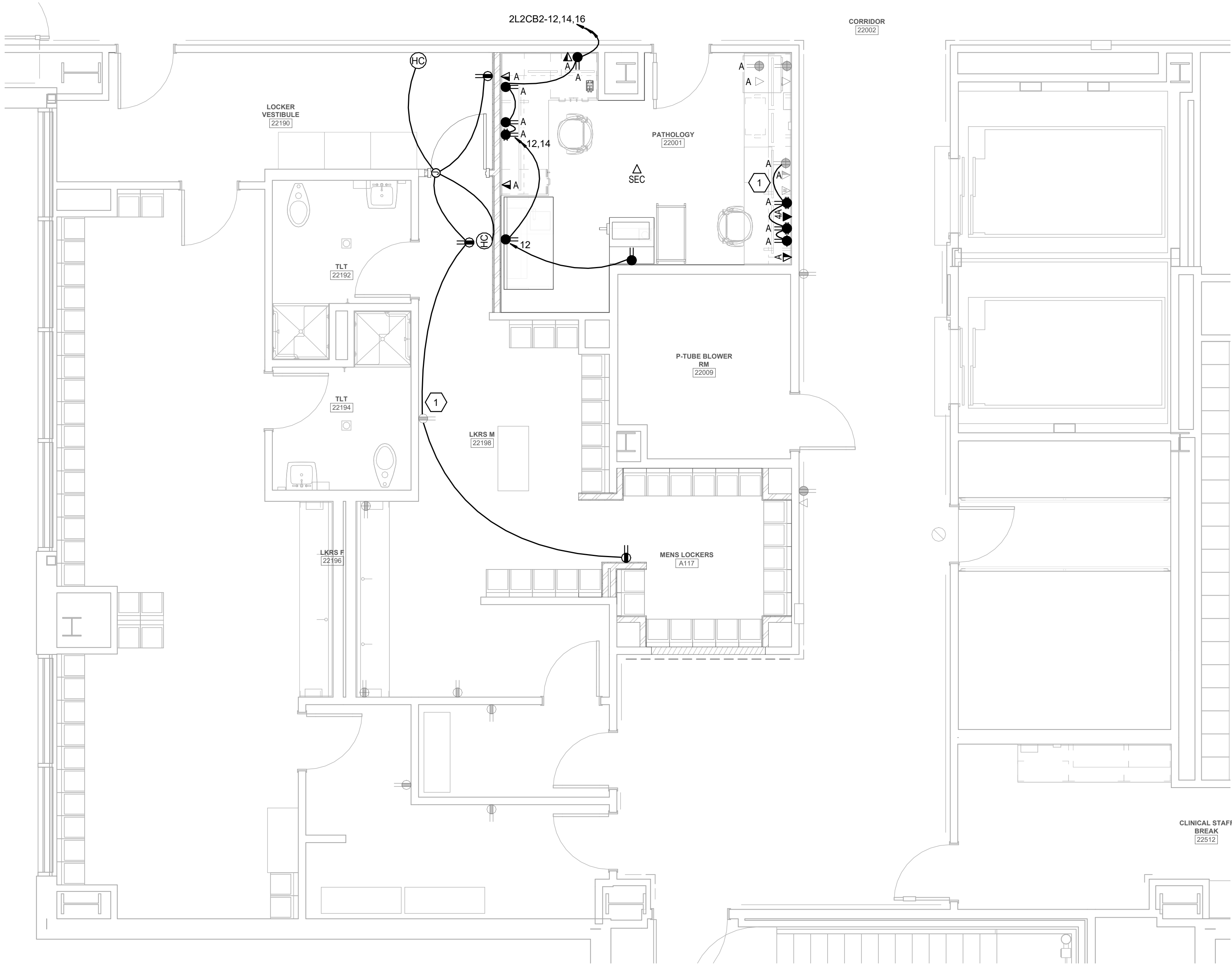
LEVEL 2  
OVERALL  
POWER PLAN

EP100



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1 LEVEL 2 POWER PLAN  
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

- 1 PROVIDE DEDICATED NEUTRALS FOR ALL BRANCH CIRCUITS.
- 2 ALL RECEPTCLES WITHIN 6' OF THE EDGE OF A SINK SHALL BE GFCI PROTECTED.
- 3 ALL WIRING IN PATIENT CARE AREAS SHALL MEET THE REQUIREMENTS OF NEC 517.13.
- 4 PROVIDE NEW TYPED PANEL SCHEDULES FOR ALL PANELS AFFECTED BY THE PROJECT.

SHEET KEYNOTES

- 1 CONNECT TO EXISTING 120V POWER CIRCUIT



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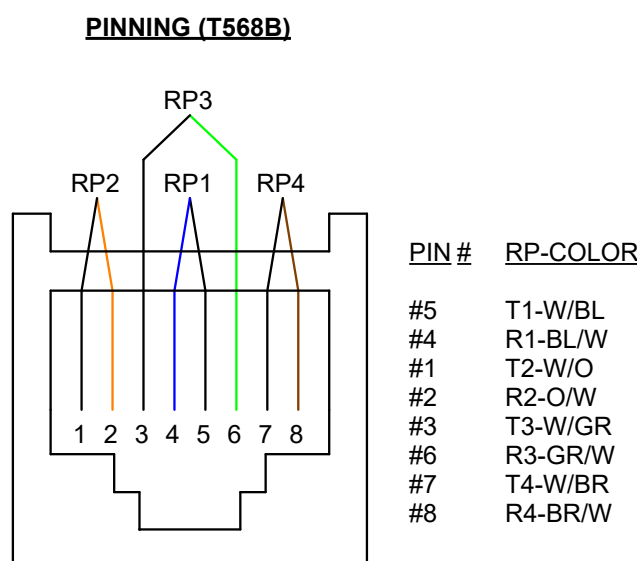
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POWER PLAN

EP101



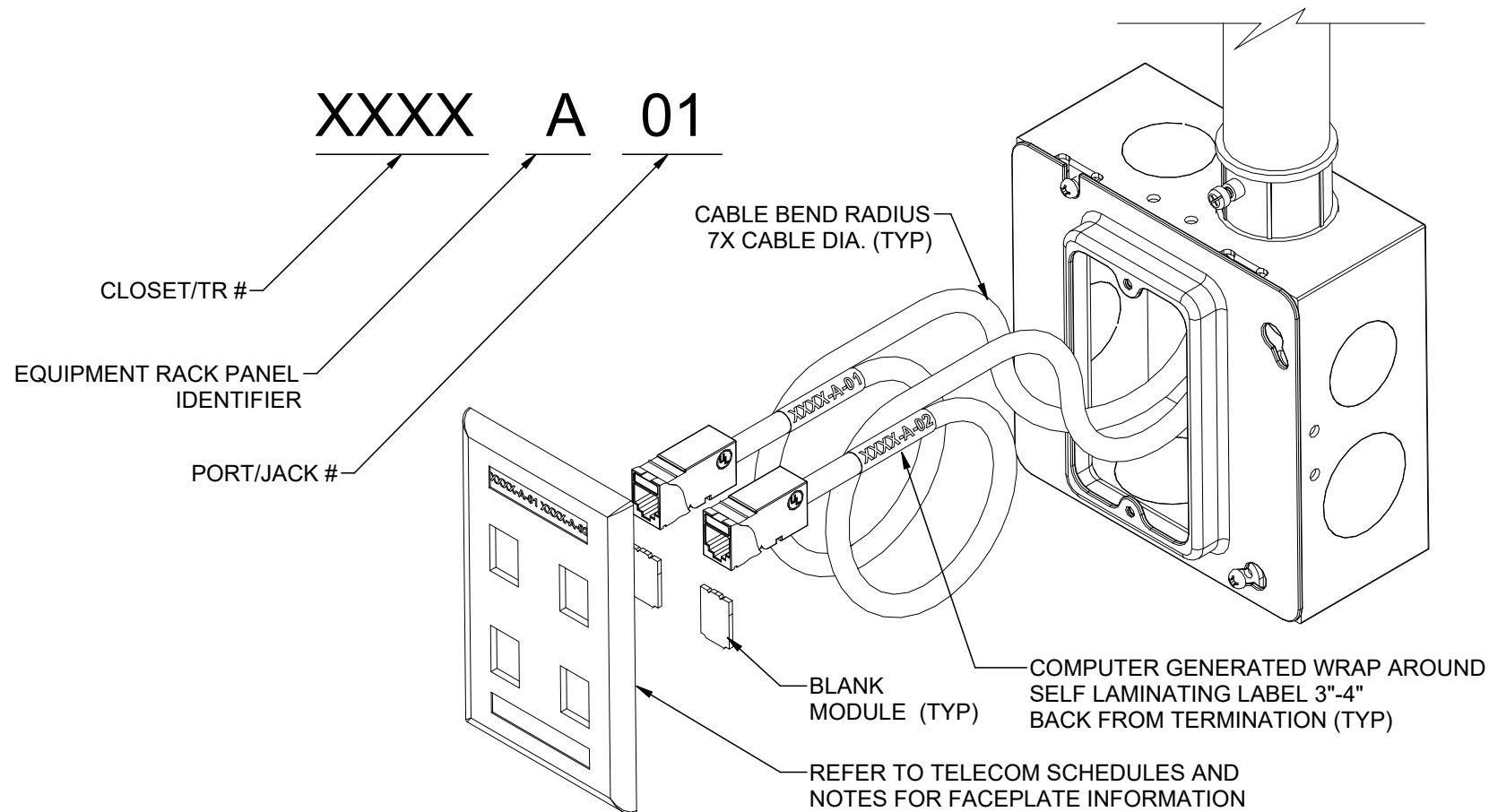
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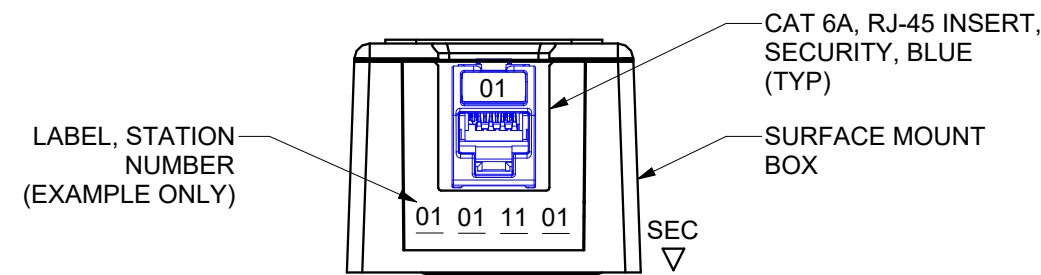
**5 TYPICAL VOICE/DATA OUTLET PINNING DETAIL**

SCALE: NTS



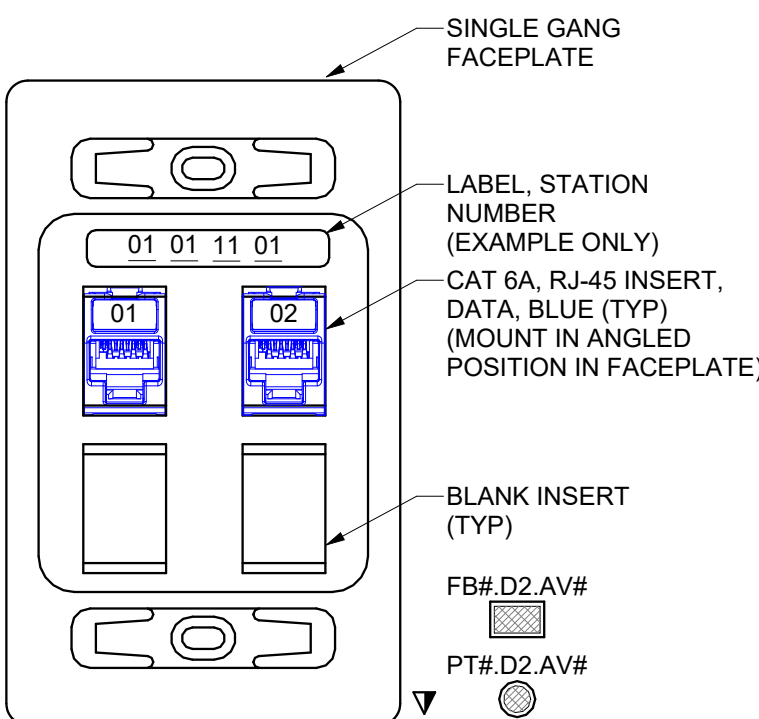
**1 TYPICAL CABLE IDENTIFICATION WRAP AROUND DETAIL**

SCALE: NTS



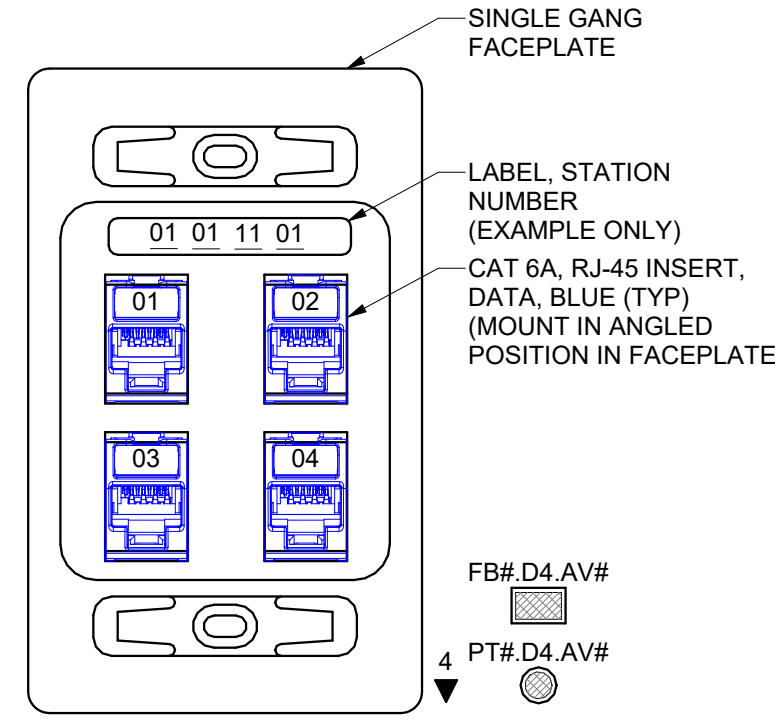
**6 TYPICAL 1-PORT CAMERA DATA OUTLET**

SCALE: NTS



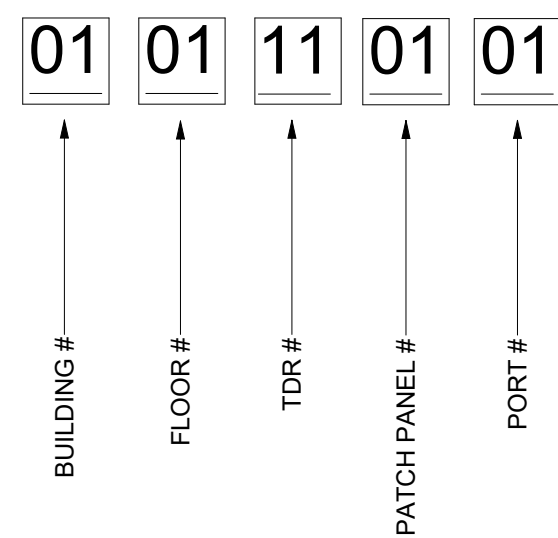
**2 TYPICAL 2-PORT WALL DATA OUTLET**

SCALE: NTS



**3 TYPICAL 4-PORT WALL DATA OUTLET**

SCALE: NTS



**4 TYPICAL CABLE ID EXAMPLE DETAIL**

SCALE: NTS



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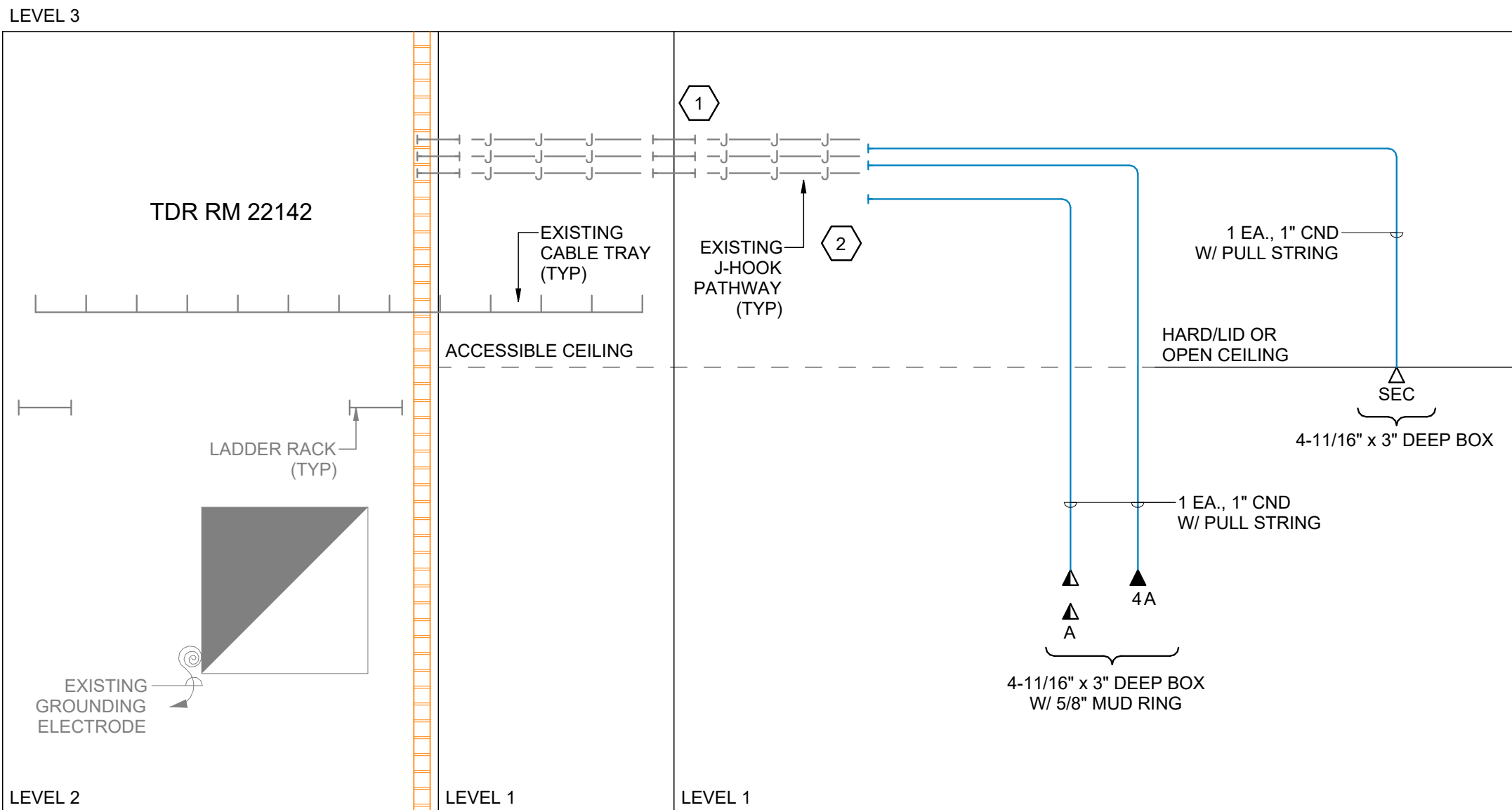
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TELECOM  
DETAILS

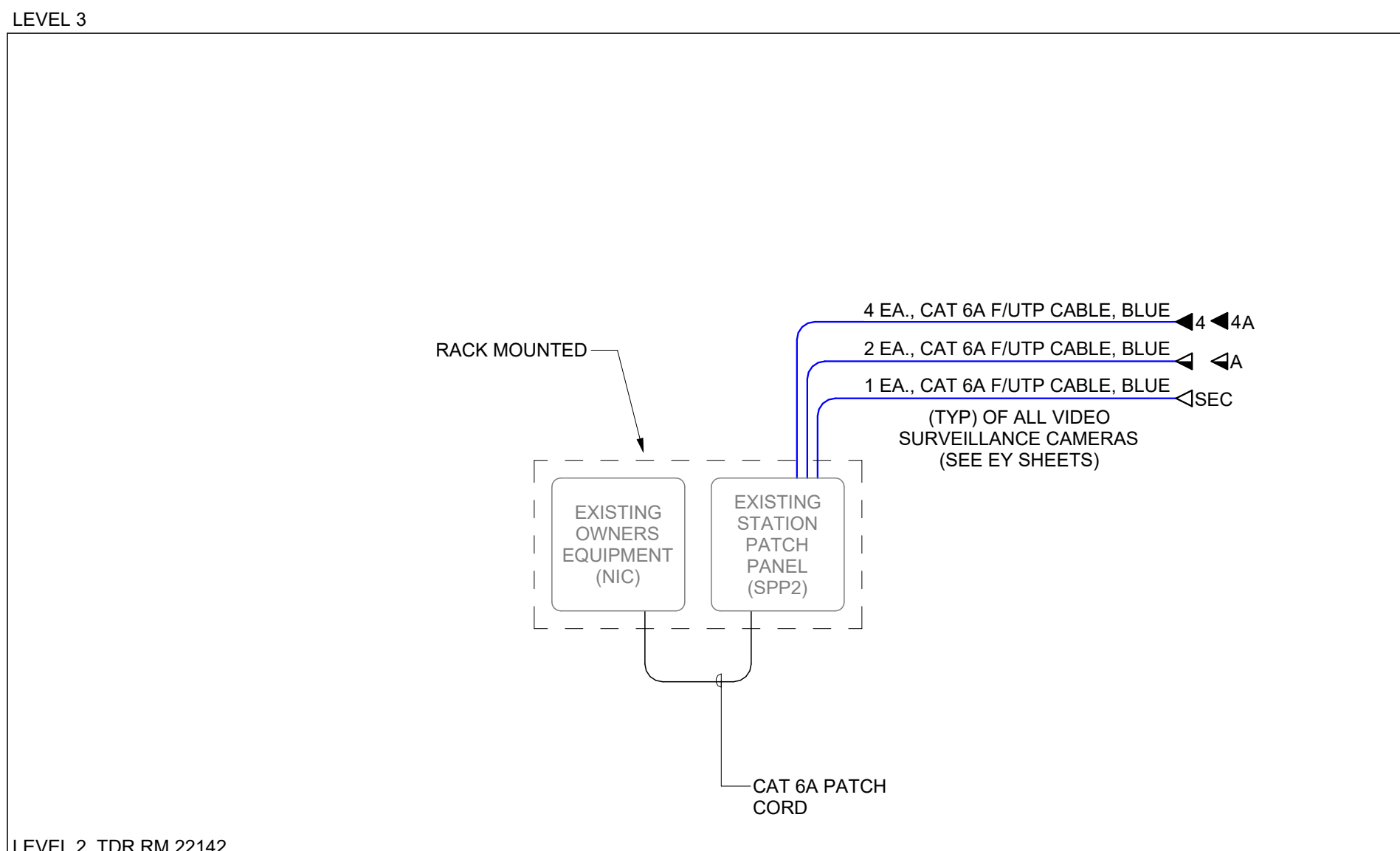
EP551



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1 TELECOM CONDUIT RISER DIAGRAM  
SCALE: NTS



2 TELECOM CABLE RISER DIAGRAM  
SCALE: NTS

GENERAL SHEET NOTES

- 1 PROVIDE PROTECTIVE BUSHING ON THE END OF ALL CONDUIT RUNS.
- 2 IN LOCATIONS WHERE CONDUIT IS STUBBED INTO THE CEILING SPACE, THE USE OF J-HOOKS IS REQUIRED TO CARRY THE CABLE BACK TO CABLE TRAY. MAXIMUM SPACING OF J-HOOKS IS 60". ENSURE NO MORE THAN 6" OF SAG AT THE LOWEST POINT OF THE CABLE. IF SAG IS GREATER THAN 6" ADD ADDITIONAL J-HOOKS FOR SUPPORT.
- 3 A SINGLE BEND CANNOT BE GREATER THAN 90 DEGREES.
- 4 NO MORE THAN 180 DEGREE IN BENDS IS ALLOWED WITH PROVIDING AN ACCESSIBLE PULL BOX. PULL BOX MUST BE IN AN ACCESSIBLE CEILING SPACE FOR ONGOING SUPPORT AND MAINTENANCE.
- 5 A SINGLE CONDUIT FOR HORIZONTAL CABLE CANNOT RUN MORE THAN 100' CONTINUOUSLY WITHOUT A PULL BOX OR AN ACCESSIBLE PULL POINT.
- 6 TELECOMMUNICATIONS CONDUIT SHOULD NOT RUN OVER OR ADJACENT TO BOILERS, INCINERATORS, HOT WATER LINES, OR STEAM LINES.
- 7 ALL CONDUIT MUST BE SEALED PROPERLY AFTER CABLE INSTALLATION TO ENSURE ANY RATED WALL ASSEMBLIES ARE RETURNED TO THE ORIGINAL WALL RATING.
- 8 TELECOMMUNICATIONS WORK AREA OUTLET SHOULD BE LOCATED WITHIN 3' OF AN ELECTRICAL OUTLET AND INSTALLED AT THE SAME ELEVATION.
- 9 THE DAISY CHAINING OF TELECOMMUNICATIONS BOXES IS NOT ALLOWED. ALL CONDUIT RUNS MUST BE DEDICATED TO ONE OUTLET LOCATION.
- 10 ALL CONDUITS INSTALLED FOR THE USE OF BACKBONE CABLE MUST USE LONG SWEEPS.
- 11 VERTICAL SLEEVES MUST EXTEND A MINIMUM OF 3" ABOVE THE FINISHED FLOOR BUT NO MORE THAN 8" ABOVE THE FINISHED FLOOR.
- 12 VERTICAL SLEEVES MUST BE COORDINATED WITH THE ENLARGE TELECOM VIEWS TO ENSURE PROPER CIRCULATION SPACE IS GIVEN.
- 13 VERTICAL SLEEVES SHOULD BE ADJACENT TO THE WALL AND IN A CORNER WHERE AT ALL POSSIBLE TO ALLOW FOR PROPER CABLE RACKING. NO MORE THAN TWO ROWS OF SLEEVES ARE ALLOWED.
- 14 VERTICALLY MOUNTED LADDER RACK IS REQUIRED TO SUPPORT CABLE. CABLE SHOULD BE SUPPORTED IN A VERTICAL POSITION TO ENSURE CABLE DOES NOT SLIP.
- 15 ALL VERTICAL SLEEVES MUST BE PROPERLY SEALED AFTER USE.
- 16 ALL CONDUIT SHOULD HAVE A PULL CORD INSTALLED WITH A MINIMUM TEST RATING OF 200 LBS.
- 17 AFTER CONDUIT INSTALLATION CONDUITS SHOULD BE LEFT CLEAN, DRY, AND UNOBSTRUCTED. REAMED AND FITTED WITH BUSHINGS, CAPPED FOR PROTECTION, AND LABELED FOR IDENTIFICATION.
- 18 ALL CABLE TRAY INSTALLATION MUST UTILIZE TRAPEZE MOUNTING. NO CENTER HUNG SUPPORTS WILL BE ALLOWED. NO WALL MOUNTS WILL BE ALLOWED. IF TRAPEZE SUPPORTS CANNOT BE USED, A REQUEST MUST BE SUBMITTED TO ALLOW ALTERNATE MOUNTING METHODS.
- 19 ALL CABLE TRAY MUST BE SEISMICALLY BRACED.
- 20 ALL CABLE TRAY THAT PENETRATES A RATED WALL ASSEMBLY MUST BE SEALED TO RETURN THE WALL TO ITS ORIGINAL RATING.

SHEET KEYNOTES

- 1 CONTRACTOR TO PROVIDE SLEEVES THROUGH ALL WALLS FOR CABLE PATHWAYS. ALL FIRE-RATED WALLS REQUIRE A FIRE-RATED SLEEVE. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. ALL SMOKE/NON-RATED WALLS REQUIRE A CONDUIT SLEEVE WITH BUSHINGS AND ARE REQUIRED TO BE SEALED WITH FIRE-RATED CAULK AND PUTTY. CONTRACTOR TO DETERMINE FINAL NUMBER OF SLEEVES FOR PENETRATIONS THROUGH WALLS.
- 2 CONTRACTOR TO STUB CONDUIT INTO ACCESSIBLE CEILING SPACE. FROM CONDUIT STUB, PROVIDE J-HOOK PATHWAY FOR REQUIRED CABLES TO CABLE TRAY. MAXIMUM SPACING OF J-HOOK TO BE 48" ON-CENTER.

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JASON B. WORTHEN  
STATE OF UTAH  
10/15/2025

Intermountain Health  
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TELECOM  
CONDUIT &  
CABLE RISER  
DIAGRAM

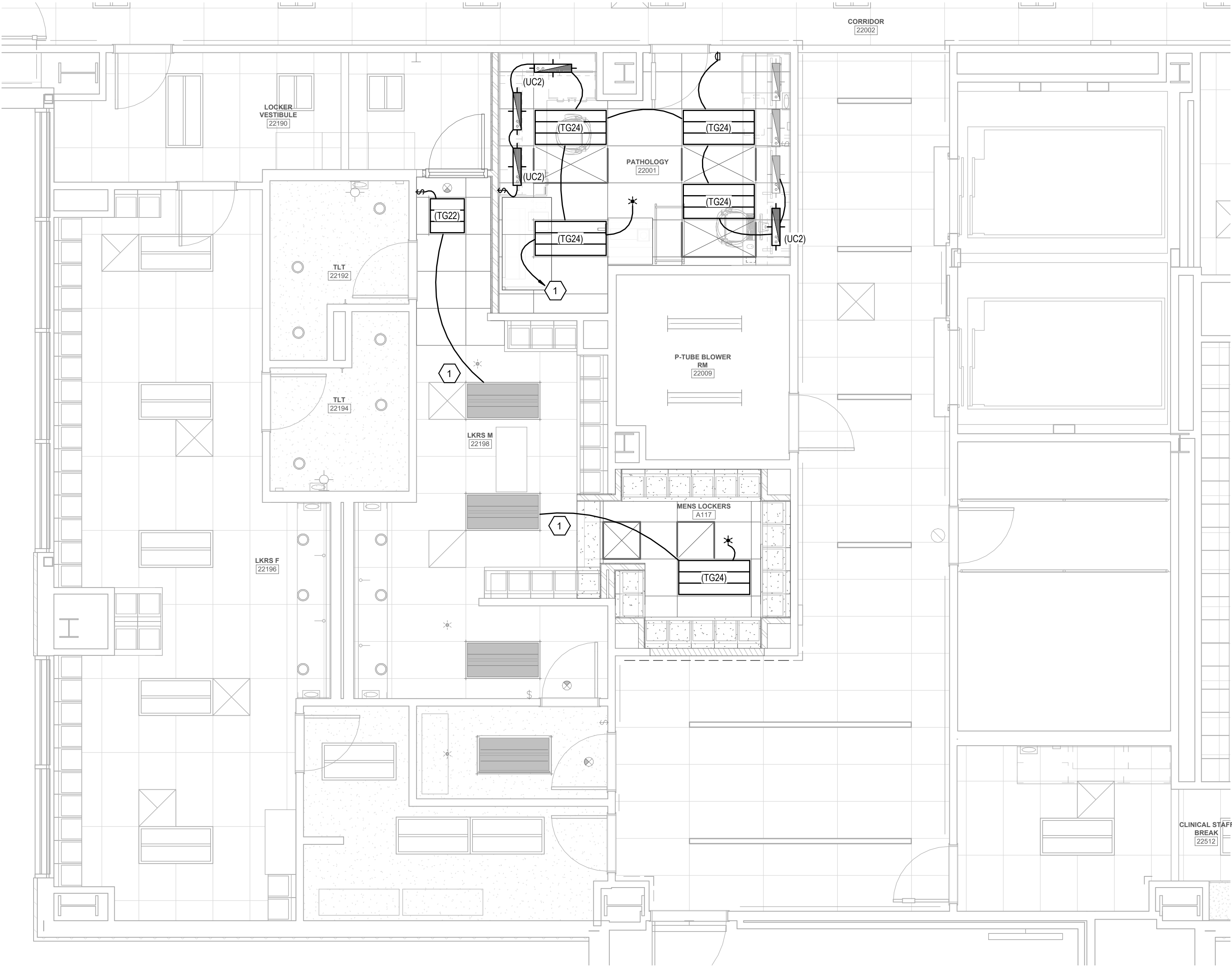
EP650

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1 LEVEL 2 LIGHTING PLAN  
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

SHEET KEYNOTES

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

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LEVEL 2  
LIGHTING  
PLAN

EL101





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INTERIOR  
LIGHTING  
FIXTURE  
SCHEDULE

EL601

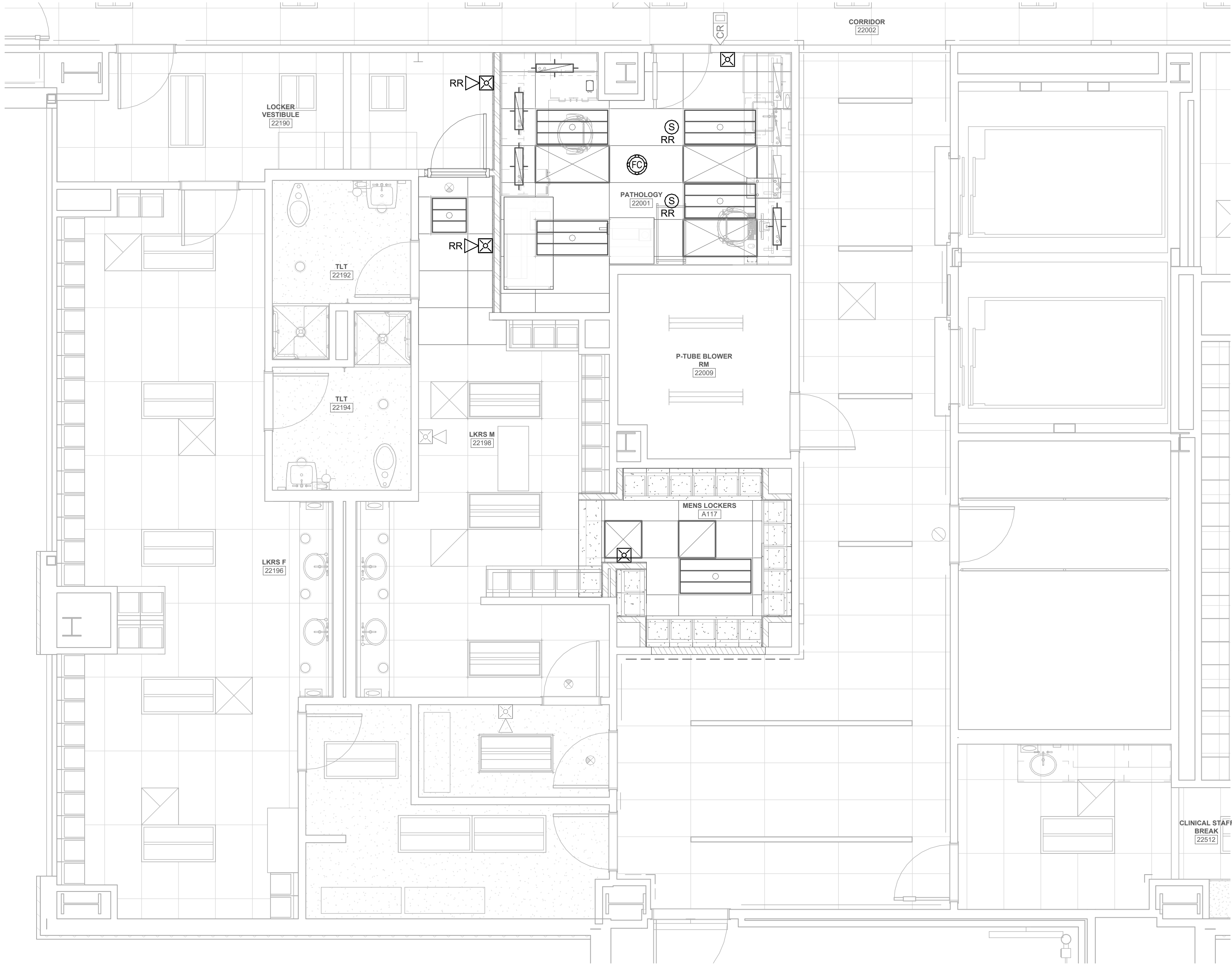
INTERIOR LIGHTING FIXTURE SCHEDULE

GENERAL NOTES

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

ID	DESCRIPTION	SIZE (NOMINAL)	DELIVERED DIRECT LUMENS	LUMINAIRE		COLOR TEMP	CRI	DRIVER			MANUFACTURER (CATALOG SERIES)
				DELIVERED INDIRECT LUMENS				TYPE	VOLTAGE	WATTS	
(TG22)	DESCRIPTION: 2' X 2' LED TROFFER, ACRYLIC STINE CENTER, ANTIMICROBIAL, GRID LAY-IN MOUNTING: CEILING, RECESSED FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 2' - 0" WIDTH: 2' - 0" DEPTH: -	3,400			3500K		0-10V DIMMING (1%)	120/277	40	ADEO (AD22A-35MO-G1-UNV-1D-W-AM)
(TG24)	DESCRIPTION: 2' X 4' LED TROFFER, ACRYLIC STINE CENTER, ANTIMICROBIAL, GRID LAY-IN MOUNTING: CEILING, RECESSED FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 4' - 0" WIDTH: 2' - 0" DEPTH: -	4,300			3500K		0-10V DIMMING (1%)	120/277	50	ADEO (AD24A-CL4300-35-G1-UNV-1D-W-AM)
(UC2)	DESCRIPTION: 2' LED UNDERCABINET LIGHT MOUNTING: SURFACE FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 2' - 0" WIDTH: - DEPTH: -	600			3500K		NO DIMMING	120/277	8	STARMED (MUS2-HA-L135-A-UN)





GENERAL SHEET NOTES

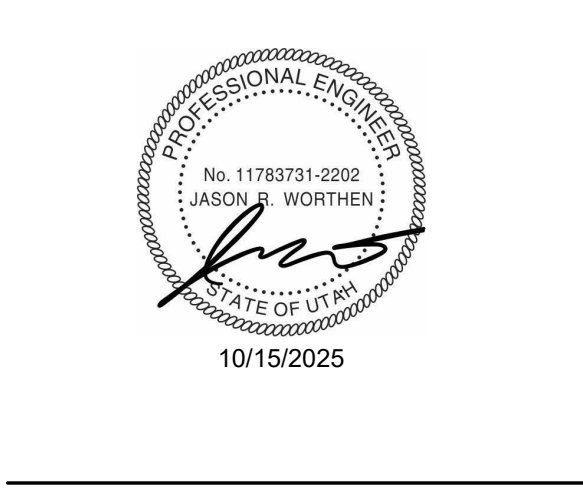
SHEET KEYNOTES

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LEVEL 2  
AUXILIARY  
PLAN

EY101



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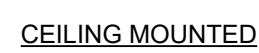
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## AUXILIARY DETAILS & RISERS

# EY 650



# 1 CCTV ROUGH-IN RISER DIAGRAM



## CEILING MOUNTED CAMERA MOUNTING DETAIL