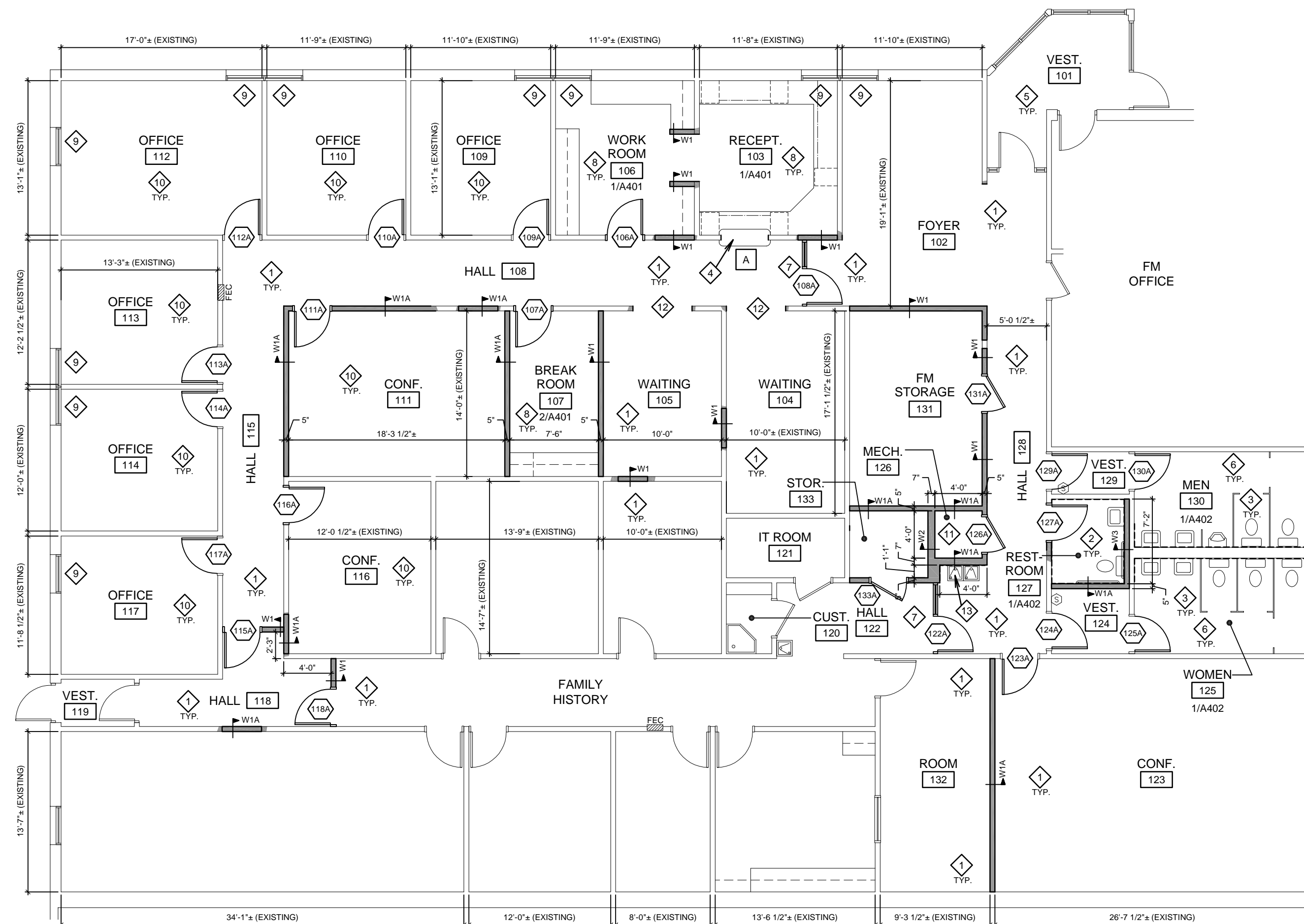


PARTIAL DEMOLITION FLOOR PLAN

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

1



PARTIAL NEW FLOOR PLAN

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

2

KEYED DEMOLITION NOTES

- 1 REMOVE EXISTING WALL OR PORTION OF WALL - COMPLETE. TYPICAL ALL WALLS SHOWN DASHED AND POCHED. COORDINATE WITH OTHER DRAWINGS.
 - 2 REMOVE EXISTING STOREFRONT DOOR, FRAME, SIDELITE(S), TRANSOM, GLAZING AND HARDWARE.
 - 3 REMOVE EXISTING DOOR, FRAME AND HARDWARE.
 - 4 REMOVE EXISTING DOOR AND SALVAGE EXISTING HARDWARE. EXISTING FRAME TO REMAIN.
 - 5 REMOVE EXISTING CASEWORK AND COUNTER TOPS.
 - 6 REMOVE EXISTING FOLDING PARTITION AND RELATED WORK.
 - 7 REMOVE EXISTING DISPLAY CABINET. SALVAGE TO FM GROUP.
 - 8 REMOVE AND SALVAGE EXISTING PLUMBING FIXTURES, TOILET PARTITIONS AND RELATED WORK. REMOVE EXISTING WALL AND FLOOR TILE AND SETTING BED AT ENTIRE ROOM.
 - 9 REMOVE EXISTING MOP SINK, WATER HEATER, SHELVING AND RELATED WORK. REMOVE OTHER FINISHES AT ENTIRE ROOM.
 - 10 REMOVE EXISTING CONCRETE FLOOR SLAB SOILS, ETC. AS REQUIRED TO PROVIDE NEW RECESSED SLAB FOR RESTROOM THIS AREA.
- REMOVE ALL EXISTING VINYL WALL COVERING AT ENTIRE ROOM.

GENERAL DEMOLITION NOTES

1. DEMOLITION DRAWINGS ARE NOT INTENDED TO BE ALL-INCLUSIVE OR TO LIMIT EXTENT OF DEMOLITION WORK REQUIRED. CONTRACTOR SHALL VISIT SITE PRIOR TO BIDDING AND COORDINATE WITH ALL TRADES AND OTHER DRAWINGS AND DOCUMENTS TO DEFINE EXTENT OF DEMOLITION WORK REQUIRED TO CARRY OUT THE INTENT OF THESE CONTRACT DRAWINGS.
2. PROTECT EXISTING FINISHES WHICH ARE TO REMAIN DURING THIS WORK.
3. OWNER HAS FIRST RIGHTS TO SALVAGE.
4. FLOOR COVERINGS: AT ALL AREAS OF NEW WORK, REMOVE EXISTING CARPET AND BASE AS REQUIRED TO ACCOMMODATE NEW WORK. OWNER WILL REMOVE REMAINDER OF CARPET, BASE AND GLUE RESIDUE AT COMPLETION OF THIS WORK. SEE FINISH SCHEDULE ON SHEET A601 AND FURNISHINGS FLOOR PLAN, SHEET F101.
5. FLOORS: REMOVE EXISTING FLOOR STRUCTURE, CONCRETE, WOOD AND FLOOR SHEATHING AS REQUIRED FOR THIS WORK.
6. CEILINGS: SEE SHEET A151.
7. WALLS, FLOORS AND CEILING STRUCTURE: REMOVE ALL WALLS, FLOORS AND CEILING STRUCTURE WHERE NEW WORK WILL OCCUR. SEE NEW FLOOR PLANS FOR LOCATION OF NEW WALLS. SEE OTHER DRAWINGS FOR AREAS WHICH WILL REQUIRE REMOVAL TO ACCOMPLISH NEW WORK.
8. VISUAL DISPLAY BOARDS, MOVIE SCREENS, EQUIPMENT, DEVICES, FIXTURES, GRILLES, SPEAKERS, CONVECTORS, COVER PLATES, HANDRAILS, BRACKETS, COAT RACKS, HOOK STRIPS, AND OTHER EXISTING WORK: WHERE NOT SHOWN TO BE REMOVED OR REPLACED WITH NEW, REMOVE AND REINSTALL EXISTING AS REQUIRED TO ACCOMMODATE NEW WORK AND FINISHES.
9. PLUMBING, MECHANICAL, H.V.A.C., FIRE SPRINKLING, ELECTRICAL, SOUND AND RELATED WORK: COORDINATE WITH NEW WORK AND OTHER DRAWINGS. SALVAGE ALL EQUIPMENT AND FIXTURES SHOWN TO BE REINSTALLED.
10. CONTRACTOR TO MAINTAIN STRUCTURAL INTEGRITY OF EXISTING STRUCTURE. PROVIDE SHORING AND TEMPORARY SUPPORT AS REQUIRED.
11. WHERE SHOWN "ZZZZZZZZ" POCHED ON PLAN, REMOVE EXISTING WALL OR PORTION OF WALL - COMPLETE. REMOVE ALL PIPING, WIRING, EQUIPMENT, AND OTHER ITEMS CONCEALED IN WALL. COORDINATE ITEMS TO BE MAINTAINED AND ABANDONED WITH ALL DISCIPLINES.

KEYED FLOOR PLAN NOTES

- 1 PATCH EXISTING WALLS AND FINISHES TO MATCH WHERE EXISTING WORK IS REMOVED OR WHERE DAMAGED OR DISTURBED BY THIS NEW WORK.
- 2 NEW 4" CONCRETE FLOOR SLAB. RECESS SLAB 2" FOR SETTING BED WHERE PAVER TILE IS TO BE INSTALLED.
- 3 REINSTALL EXISTING TOILET PARTITIONS AND PLUMBING FIXTURES. SEE SHEET A402 FOR WALL AND FLOOR TILE. REMOVE EXISTING GYPSUM BOARD AND INSTALL NEW 5/8" GLASS MAT GYPSUM TILE BACKER AT WALLS TO RECEIVE NEW TILE.
- 4 NEW WINDOW. SEE SHEET A401.
- 5 PATCH EXISTING GYPSUM BOARD AND PLASTER TO MATCH WHERE DISTURBED BY DEMOLITION WORK. (1) COAT KILZ COATING AT ENTIRE WALL AREA WHERE WALL COVERINGS ARE REMOVED. TEXTURE TO MATCH AND PAINT.
- 6 PATCH EXISTING GYPSUM BOARD AND PLASTER TO MATCH WHERE DISTURBED BY DEMOLITION WORK. (1) COAT KILZ COATING AT ENTIRE WALL AREA WHERE CERAMIC TILE IS REMOVED AND NOT REPLACED WITH NEW. TEXTURE TO MATCH AND PAINT. COORDINATE LOCATIONS WITH SHEET A402.
- 7 NEW STOREFRONT DOOR, FRAME, SIDELITE(S), TRANSOM AND GLAZING. SEE SHEET A602. INSTALL ADDITIONAL METAL WALL FRAMING AND HEADER FRAMING AND PATCH GYPSUM BOARD TO MATCH.
- 8 NEW CASEWORK AND COUNTERTOPS. SEE ENLARGED PLANS AND DETAILS, SHEET A401.
- 9 REMOVE CAULK AT EXISTING WINDOWS, REPAIR EXISTING WATER DAMAGE TO WALLS ADJACENT TO WINDOWS. RECAULK WINDOWS ENTIRE PERIMETER.
- 10 VERIFY EXISTING WALLS HAVE FULL THICK ACOUSTIC INSULATION AT ALL VOIDS. WALLS FOUND TO REQUIRE ADDITIONAL INSULATION WILL BE ADDRESSED BY CHANGE ORDER.
- 11 NEW WATER HEATER AND RELATED WORK. SEE PLUMBING DRAWINGS.
- 12 NEW HARDWOOD CASED OPENING. SEE F/A601.
- 13 NEW DRINKING FOUNTAINS AND TILE. SEE H/A402.

GENERAL FLOOR PLAN NOTES

- GENERAL NOTES:**
1. DIMENSIONS SHOWN ON PLANS ARE FROM FACE OF GYPSUM BOARD OR EXISTING WALLS UNLESS NOTED OTHERWISE.
 2. PROVIDE SOLID LOCKING IN THE WALLS AT ALL DOOR STOPS, VISUAL DISPLAY BOARDS, TOILET COMPARTMENTS, LAVATORY SUPPORTS, AND AT ALL OTHER EQUIPMENT AND ACCESSORY LOCATIONS. SEE A/A501.
 3. FOR FINISH SCHEDULE, SEE SHEET A601.
 4. FOR DOOR SCHEDULE, SEE SHEET A602.
- WALLS:**
1. WHEN EXISTING WORK IS TO REMAIN: HVAC, PLUMBING, ELECTRICAL, SOUND OR OTHER WORK WHICH IS ENCOUNTERED WITH REMOVAL OF FLOORS, WALLS OR CEILINGS, SHALL BE REROUTED TO MAINTAIN CONTINUITY.
 2. NEW WALLS ARE SHOWN "POCHED" AND "HATCHED" TYPICAL.
 3. FOR WALL TYPES, SEE SCHEDULE THIS SHEET.
- INTERIOR - PATCHING/FINISHES:**
1. PATCH AND REPAIR ALL EXISTING WORK DISTURBED BY THIS NEW WORK. WALLS, CEILINGS, FLOORS, TRIM AND OTHER WORK SHALL BE FINISHED TO MATCH EXISTING (OR NEW) FINISHES FOR SPACE.
 2. WHERE EXISTING WORK IS TO BE REPLACED, REMOVE AND REINSTALL EXISTING FIXTURES, DEVICES, CONVECTORS, GRILLES, LOUVERS, EQUIPMENT AND OTHER EXISTING WORK TO EXISTING LOCATION TO ACCOMMODATE NEW WORK.
 3. WALLS TO HAVE PAINT ARE TO BE FINISHED TO SMOOTH SURFACE (LEVEL) PRIOR TO APPLICATION OF TEXTURING AND WALL COVERING INSTALLATIONS.

- CASEWORK, PANELING, TRIM, DOORS:**
1. WOOD CASEWORK, PANELING, DOORS, JAMBS, TRIM, RAILINGS AT ALL AREAS EXCEPT MECHANICAL STORAGE AND OTHER UNFINISHED NON-PUBLIC SPACES: ALL EXISTING PAINTED WOOD WORK TO BE SANDED, PATCHED AND REPAIRED, AND PAINTED TO MATCH EXISTING COLOR. ALL EXISTING STAINED WOOD WORK TO BE LIGHTLY SANDED, PATCHED AND REPAIRED, STAIN TOUCHED UP TO MATCH EXISTING COLOR AND TWO COATS FINISH APPLIED.

- CAULKING:**
1. CAULK ALL NEW AND EXISTING DOOR, WINDOW AND STOREFRONT FRAMES ENTIRE PERIMETER AT INTERIOR AT ALL AREAS OF THIS NEW WORK. REMOVE EXISTING CAULK AND INSTALL NEW CAULK PRIOR TO PAINTING AND FINISH WORK.

- INSULATION:**
1. EXISTING OFFICES HAVE ACOUSTICAL BATT INSULATION ON TOP OF LAT-IN ACOUSTICAL TILE. INSULATION SHALL BE SALVAGED AND REINSTALLED OR MAINTAINED IN PLACE DURING CEILING REPLACEMENT.
 2. CONTRACTOR SHALL VERIFY THAT OFFICES, CONFERENCE ROOMS IN AREAS OF THIS WORK HAVE FULL THICK ACOUSTIC INSULATION AT ALL VOIDS. WALLS FOUND TO REQUIRE ADDITIONAL INSULATION WILL BE ADDRESSED BY CHANGE ORDER.
 3. AT EXISTING AREAS, REPLACE ALL DISTURBED OR REMOVED INSULATION WHICH IS OTHERWISE TO REMAIN AT WALLS AND CEILINGS TO MATCH EXISTING - FULL THICK.
 4. AT WALLS, FLOOR AND ATTIC SPACES, REINSTALL OR REPLACE WITH NEW ACOUSTIC OR THERMAL INSULATION ENCOUNTERED OR DISTURBED BY THIS WORK.

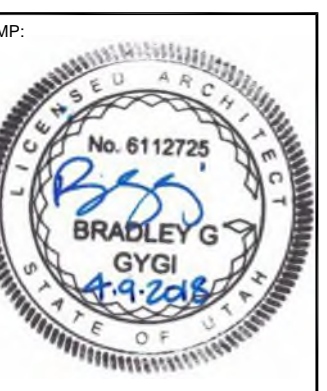
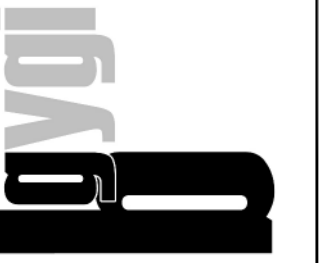
- FIRE PROTECTION:**
1. FIRE SPRINKLING: AT ALL AREAS OF NEW WORK, MODIFY EXISTING AUTOMATIC FIRE SPRINKLING SYSTEM TO PROVIDE FULL COVERAGE. SEE SPECIFICATIONS SECTION 21 1313 FOR STANDARDS.
 2. FIRE ALARM: SEE ELECTRICAL DRAWINGS FOR FIRE ALARM MODIFICATIONS AT AREAS OF NEW WORK.

- STRUCTURAL:**
1. MAINTAIN STRUCTURAL INTEGRITY OF EXISTING STRUCTURE. PROVIDE SHORING AND TEMPORARY SUPPORT AS REQUIRED.
 2. SEE STRUCTURAL DRAWINGS FOR NEW SEISMIC UPGRADES AND OTHER WORK.

- PLUMBING, MECHANICAL AND ELECTRICAL:**
1. REMOVE EXISTING FIXTURES AND DEVICES TO ACCOMMODATE OTHER TRADES DURING THIS CONSTRUCTION AND REINSTALL OR REPLACE WITH NEW AT COMPLETION OF WORK.

WALL TYPE SCHEDULE	
MARK	DESCRIPTION
W1	2x4 METAL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD EACH SIDE. (MATCH EXISTING WALL THICKNESS AT EXISTING ADJACENT WALLS)
W1A	2x4 METAL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD EACH SIDE. FULL THICK ACOUSTICAL INSULATION AT ALL VOIDS. CAULK TOP AND BOTTOM.
W2	2x6 METAL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD EACH SIDE. FULL THICK ACOUSTICAL INSULATION AT ALL VOIDS. CAULK TOP AND BOTTOM.
W3	NEW 2x4 METAL STUDS IN FRONT OF EXISTING WALL AT 16" O.C. WITH 5/8" GYPSUM BOARD ONE SIDE. FULL THICK ACOUSTICAL INSULATION AT ALL VOIDS. CAULK TOP AND BOTTOM.
TYPICAL ALL WALLS:	
1. EXTEND TOP PLATE UP 6" ABOVE CEILING AND BRACE TO STRUCTURE ABOVE. SEE DETAIL A/A101	
2. WHERE WALLS ARE TO RECEIVE CERAMIC WALL TILE, INSTALL 5/8" GLASS MAT GYPSUM TILE BACKER INSTEAD OF 5/8" GYPSUM BOARD.	

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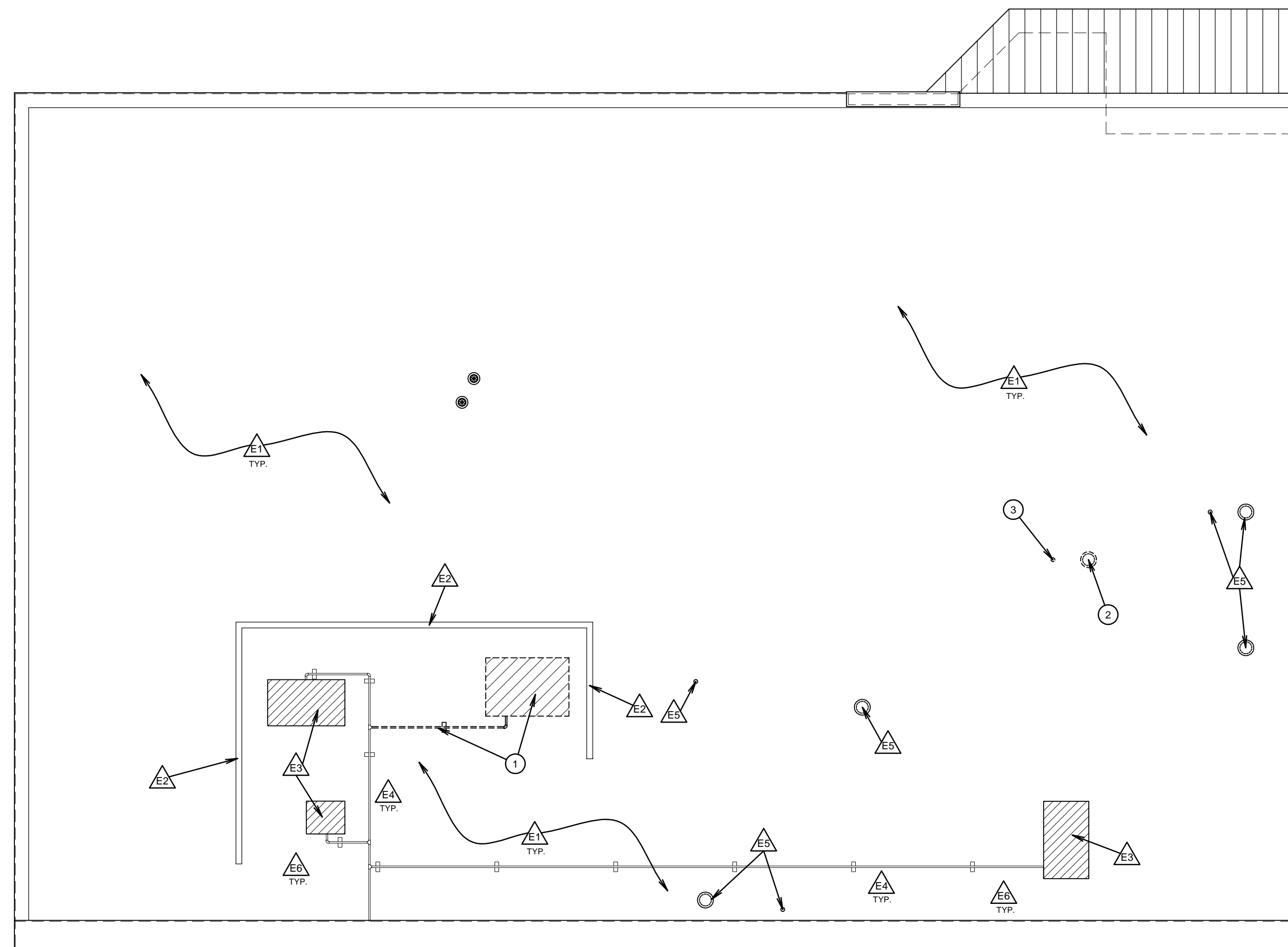
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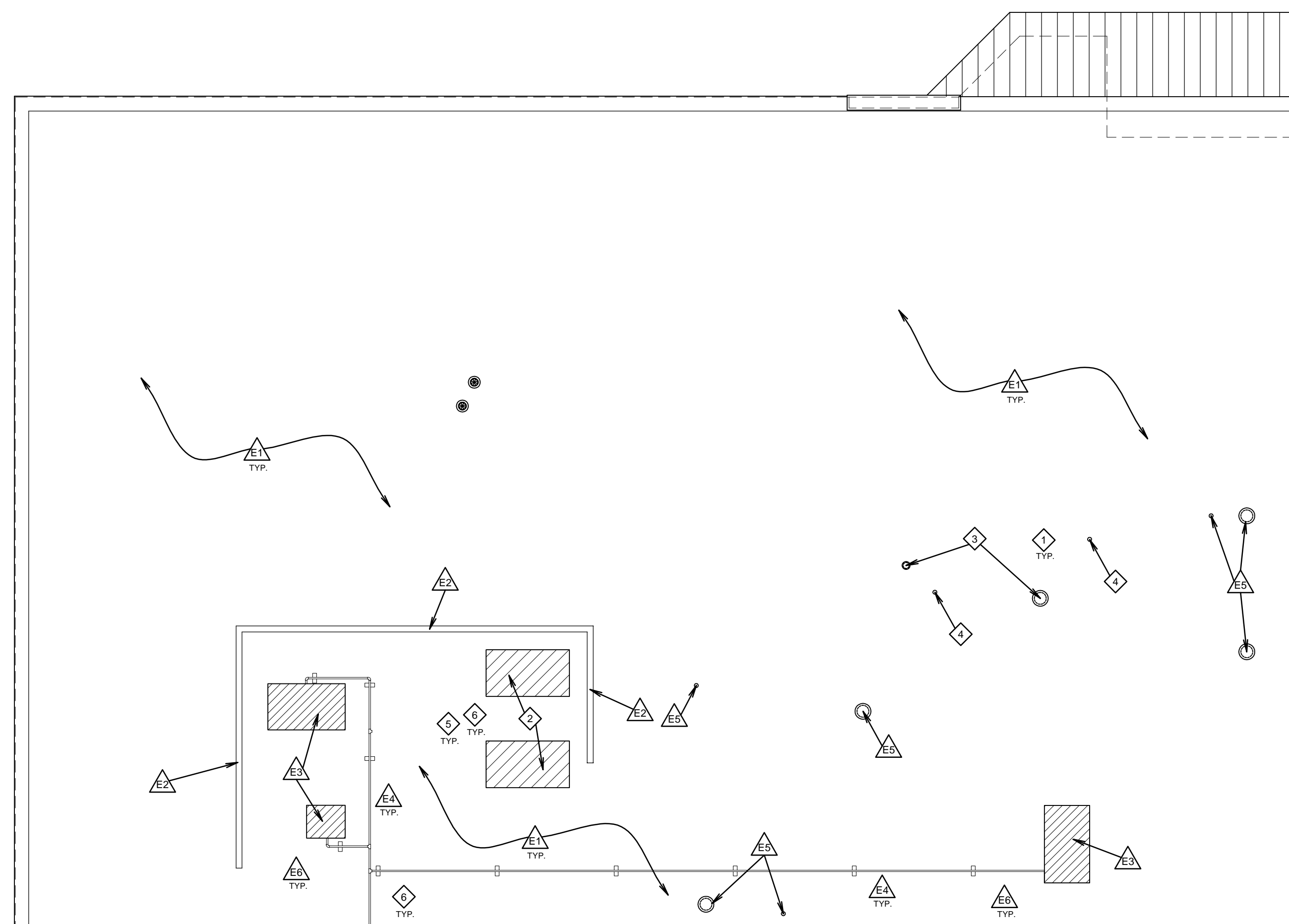
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FLOOR PLANS

SHEET:
A101



PARTIAL DEMOLITION ROOF PLAN 1

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



PARTIAL NEW ROOF PLAN 2

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

GENERAL ROOFING NOTES

- HISTORIC FINISHES:**
1. PROTECT EXISTING FINISHES WHICH ARE TO REMAIN, WITH PARTICULAR ATTENTION TO HISTORIC FINISHES AT EXTERIOR AREAS, INCLUDING MASONRY VENEER, TERRA COTTA DRIPS, VENEER PANELS, CAPS AND ORNAMENTS AND TILE MOSAIC AT EAST END OF CHAPEL.
- GENERAL:**
1. CONTRACTOR IS RESPONSIBLE TO KEEP AREAS OF ROOFING WORK FREE FROM WATER DAMAGE DURING CONSTRUCTION.
 2. ALL ROOF AREAS ARE TO BE SWEEPED CLEAN AND KEPT CLEAN DURING DEMOLITION AND INSTALLATION.
 3. SEE STRUCTURAL AND OTHER DRAWINGS FOR WORK WHICH OCCURS AT ROOF.
 4. REMOVE AND REINSTALL EXISTING WORK ON ROOF AS REQUIRED TO ACCOMMODATE NEW WORK OR ROOFING.
 5. PATCH OR REPLACE EXISTING INSULATION IN ATTIC AND CEILING SPACES TO MATCH WHERE DISTURBED OR REMOVED TO ACCOMMODATE STRUCTURAL OR OTHER WORK.
 6. ALL EXISTING PLUMBING, MECHANICAL, ELECTRICAL WORK, CONDUITS, PIPES, WIRE, DUCTS, ETC. TO REMAIN SHALL BE SECURELY ANCHORED AND FUNCTION MAINTAINED. IF NECESSARY TO ACCOMMODATE NEW WORK, REMOVE AND REINSTALL OR REROUTE EXISTING WORK TO MAINTAIN FUNCTION.
 7. REMOVE ALL EXISTING PIPE AND CONDUIT SUPPORTS. INSTALL NEW SUPPORTS AT ALL NEW AND EXISTING CONDUITS, GAS PIPES AND OTHER WORK REQUIRING SUPPORTS. SEE DETAILS A,B/A125.

- ROOF DECK:**
1. ROOFING CONTRACTOR SHALL INSPECT THE ENTIRE ROOF DECK AREA TO ENSURE THAT IT HAS BEEN PROPERLY PREPARED TO RECEIVE NEW ROOFING. DO NOT PROCEED WITH ANY WORK UNTIL THE PROBLEMS HAVE BEEN CORRECTED. AFTER COMPLETION OF DEMOLITION, SEISMIC, AND STRUCTURAL WORK, SECURE ALL EXISTING STRUCTURE AND DECKING MATERIALS PRIOR TO ROOFING.

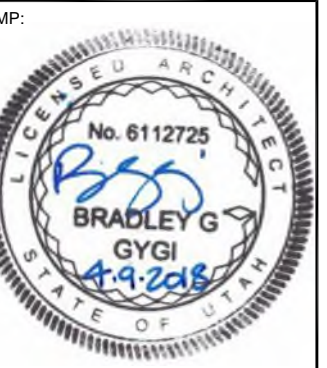
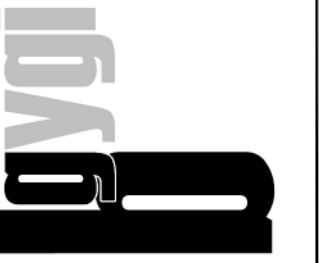
- PENETRATIONS:**
1. UNLESS SHOWN OTHERWISE, ALL EXISTING VENTS, FLUES AND OTHER PENETRATIONS TO REMAIN. FLASH WITH NEW ROOF FLASHINGS.
 2. ALL AREAS OF ROOF, WALLS AND PENETRATIONS THROUGH ROOF OR WALLS ARE TO BE FLASHED, COUNTER FLASHED AND CAPPED ACCORDING TO MINIMUM STANDARDS OF THE SMACNA MANUAL OF STANDARD PRACTICE, BUT DETAILED DRAWINGS AND SPECIFICATIONS TAKE PRECEDENCE.

KEYED ROOF NOTES

- EXISTING WORK NOTES:**
- EA1 EXISTING BUILT UP ASPHALT (BUR) SYSTEM TO REMAIN. PROTECT DURING THIS WORK. TYPICAL ALL AREAS. REMOVE ONLY TO MINIMUM EXTENT REQUIRED FOR NEW WORK AND PATCHING.
 - EA2 EXISTING SCREEN WALL AND SUPPORTS TO REMAIN.
 - EA3 EXISTING HVAC EQUIPMENT AND CURB TO REMAIN.
 - EA4 EXISTING GAS PIPING AND SUPPORTS TO REMAIN (COORDINATE WITH PLUMBING AND MECHANICAL DRAWINGS).
 - EA5 EXISTING VENT, FLUE OR OTHER PENETRATION TO REMAIN.
 - EA6 EXISTING ELECTRICAL CONDUIT AND SUPPORTS TO REMAIN. TYPICAL WHERE NOT NOTED FOR NEW WORK. COORDINATE WITH ELECTRICAL DRAWINGS).
- DEMOLITION WORK NOTES:**
- 1 REMOVE EXISTING HVAC EQUIPMENT, INCLUDING CURB, GAS PIPING, ELECTRICAL, ETC. COORDINATE EXTENT OF ANY EXISTING WORK TO REMAIN WITH PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS.
 - 2 REMOVE EXISTING FLUE AND RELATED WORK.
 - 3 REMOVE EXISTING VENT AND RELATED WORK.

- NEW WORK NOTES:**
- 1 PATCH EXISTING BUILT UP ASPHALT (BUR) ROOFING SYSTEM AS REQUIRED. NEW PENETRATIONS AND CURBS, AND WHERE EXISTING PENETRATIONS ARE REMOVED. MATCH EXISTING COVER BOARD, INSULATION, ETC. WHERE DISTURBED.
 - 2 NEW MECHANICAL EQUIPMENT. SEE MECHANICAL DRAWINGS. COORDINATE CURB SIZE WITH ACTUAL EQUIPMENT. SEE B/A122 FOR CURB AND FLASHING DETAILS. STRUCTURAL NOTE: UNITS TO BE PLACED SUCH THAT EACH UNIT IS CARRIED BY (2) EXISTING METAL ROOF JOISTS WITH ONE JOIST SPACE BETWEEN UNITS.
 - 3 NEW FLUE. SEE MECHANICAL DRAWINGS. SEE C/A122 FOR FLASHING.
 - 4 NEW VENT. SEE PLUMBING DRAWINGS. SEE D/A122 FOR FLASHING.
 - 5 NEW GAS PIPING. SEE PLUMBING AND MECHANICAL DRAWINGS FOR LOCATIONS. SEE E,F/A122 FOR PIPE SUPPORTS.
 - 6 INSTALL NEW ELECTRICAL AS REQUIRED TO ACCOMMODATE NEW HVAC EQUIPMENT. SEE ELECTRICAL DRAWINGS. SEE G/A122 FOR ROOF PENETRATION FLASHING AND E,F/A122 FOR PIPE SUPPORTS AS REQUIRED.

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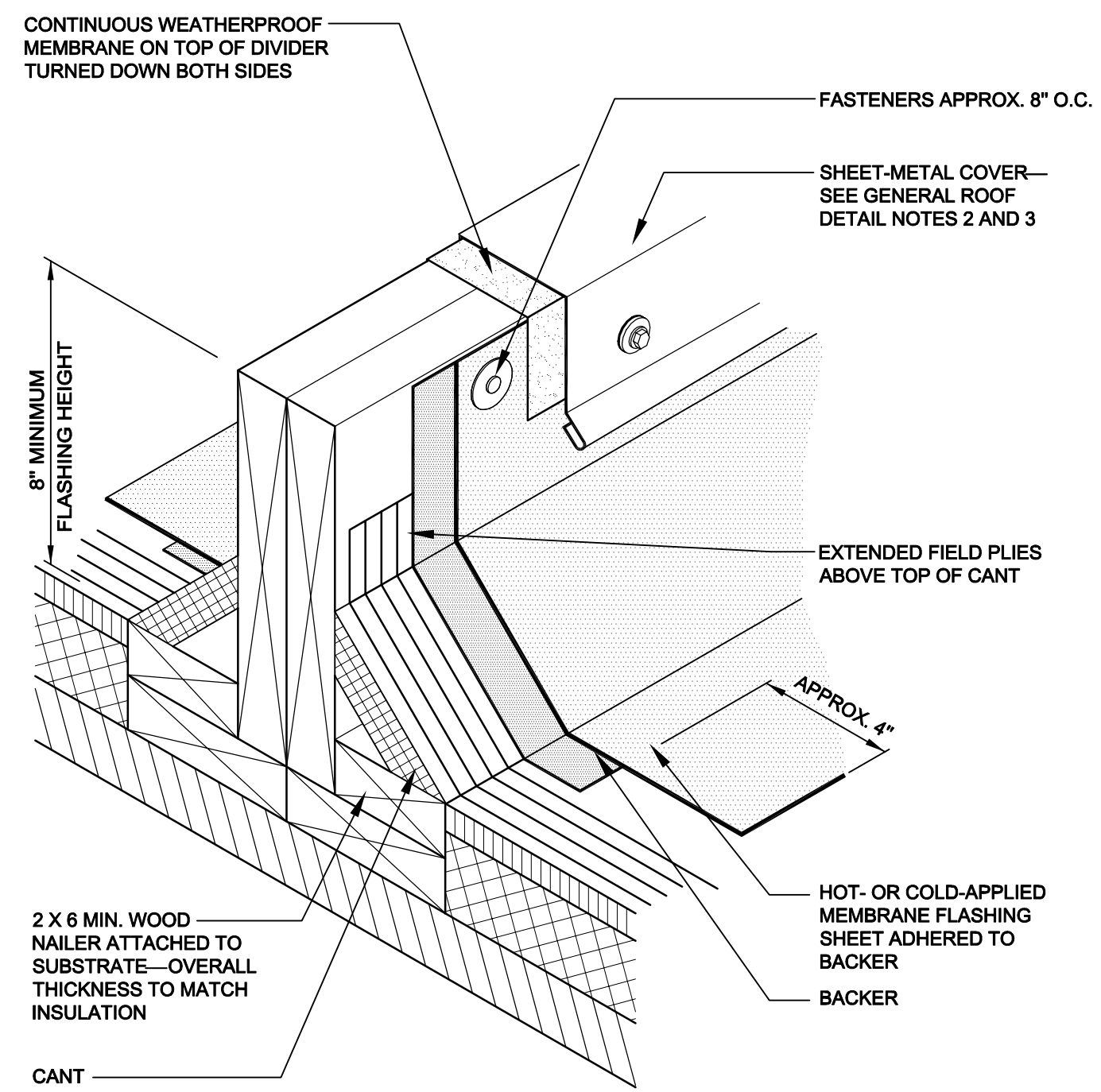
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 ROOF PLANS

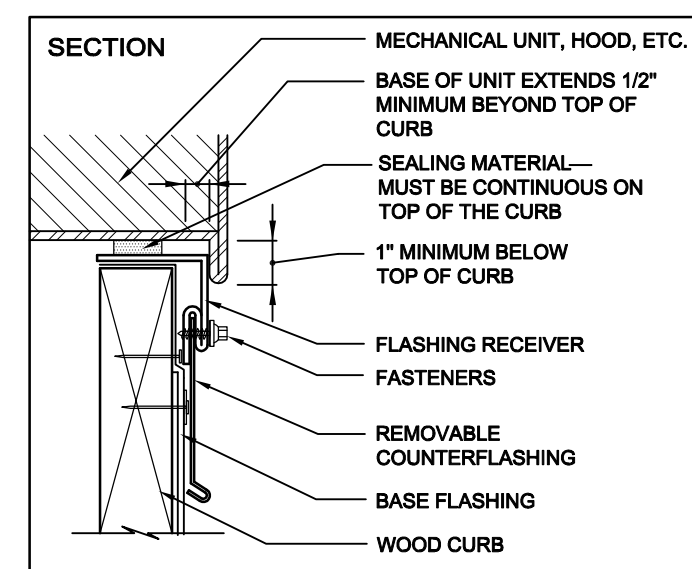
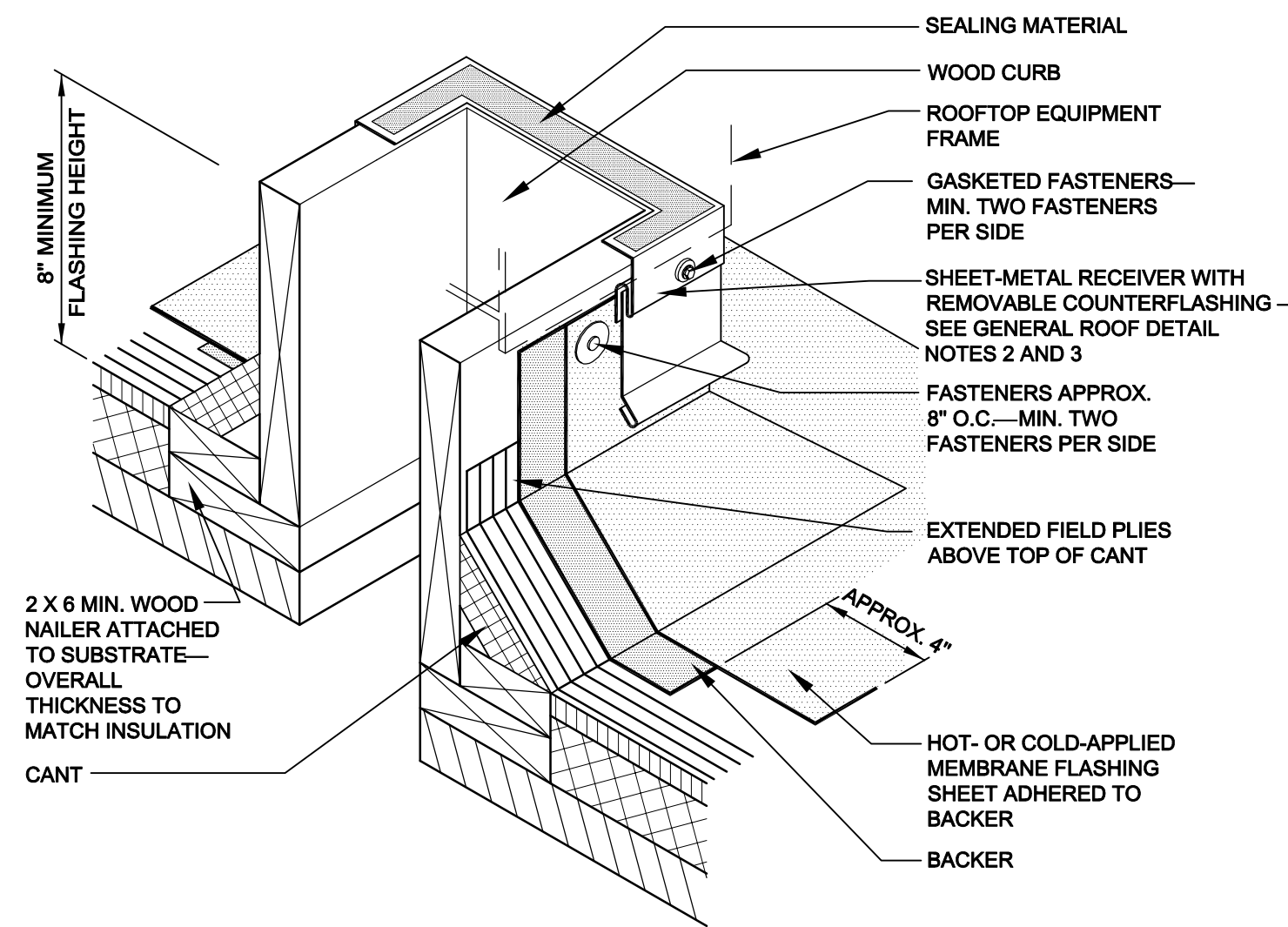
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DETAIL NOTES:
 1. AN AREA DIVIDER SHOULD NEVER RESTRICT THE FLOW OF WATER.
 2. FLASHING REQUIREMENTS ARE TYPICAL FOR BOTH SIDES OF AREA DIVIDER.

BASE FLASHING AT AREA DIVIDER
 [HOT- OR COLD-APPLIED FLASHING SYSTEMS]

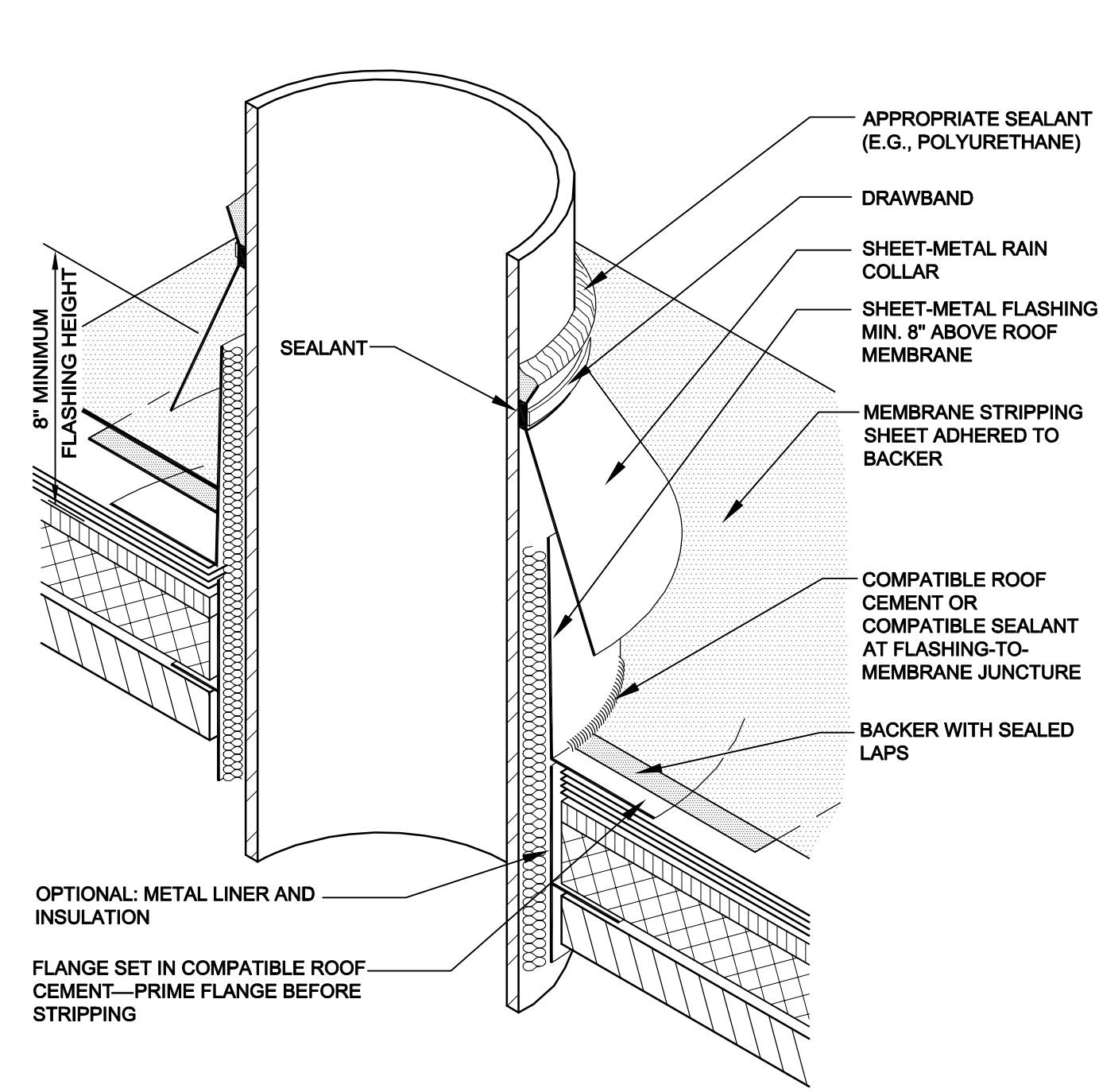
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DETAIL NOTES:
 1. THIS DETAIL IS APPLICABLE FOR HOT- OR COLD-APPLIED FLASHING SYSTEMS.
 2. DO NOT SET MECHANICAL UNITS UNTIL ROOF MEMBRANE AND FLASHING ARE INSTALLED.

BASE FLASHING AT WOOD CURB
 [HOT- OR COLD-APPLIED FLASHING SYSTEMS]

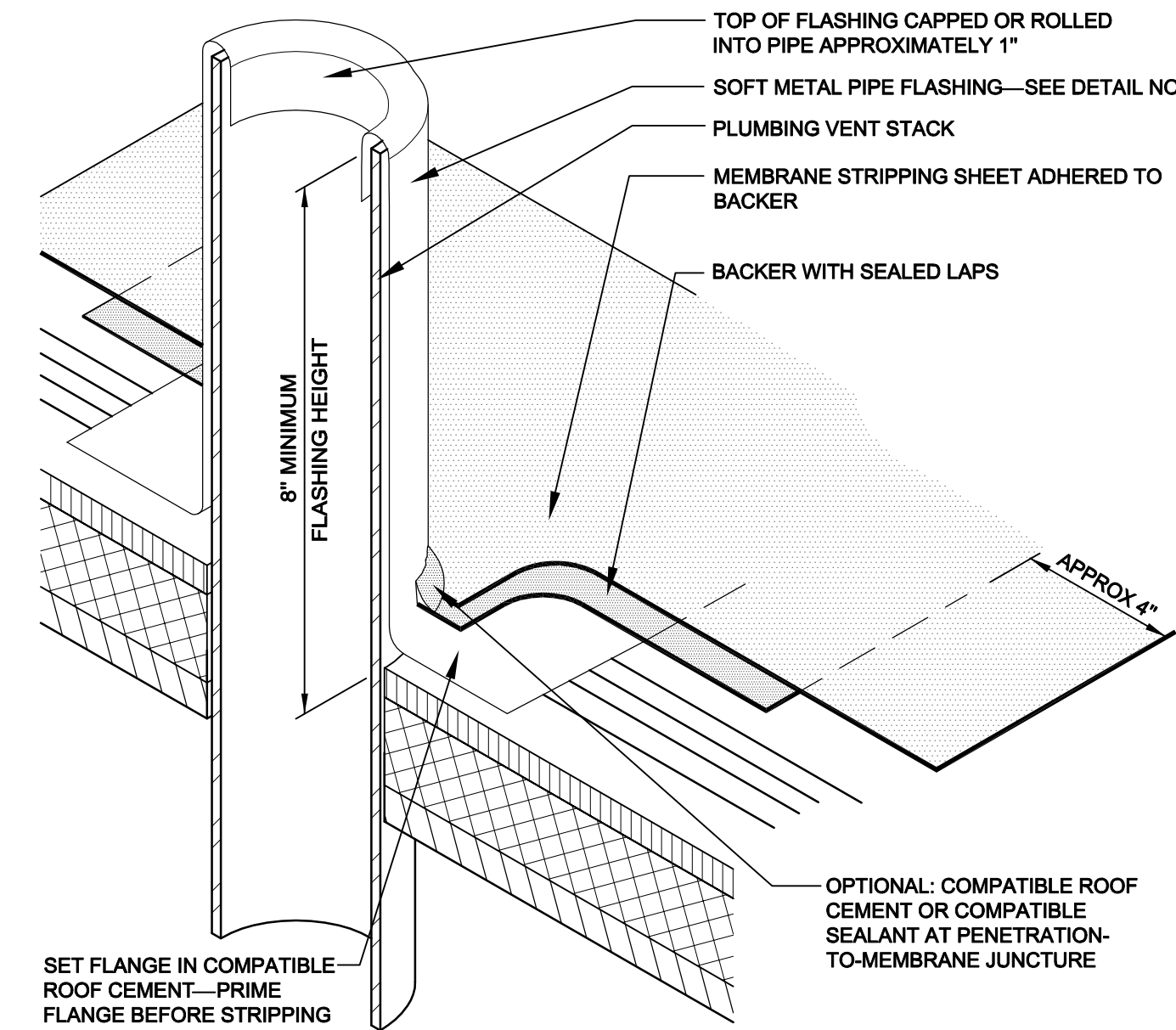
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DETAIL NOTES:
 1. THIS DETAIL ALLOWS THE OPENING TO BE COMPLETED BEFORE THE STACK IS PLACED.
 2. THE CLEARANCE NECESSARY BETWEEN THE OPTIONAL INSULATION AND METAL LINER AND THE STACK WILL DEPEND ON THE TEMPERATURE OF THE MATERIAL HANDLED BY THE STACK.

SHEET METAL STACK VENT (HOT OR COLD)
 [HOT- OR COLD-APPLIED FLASHING SYSTEMS]

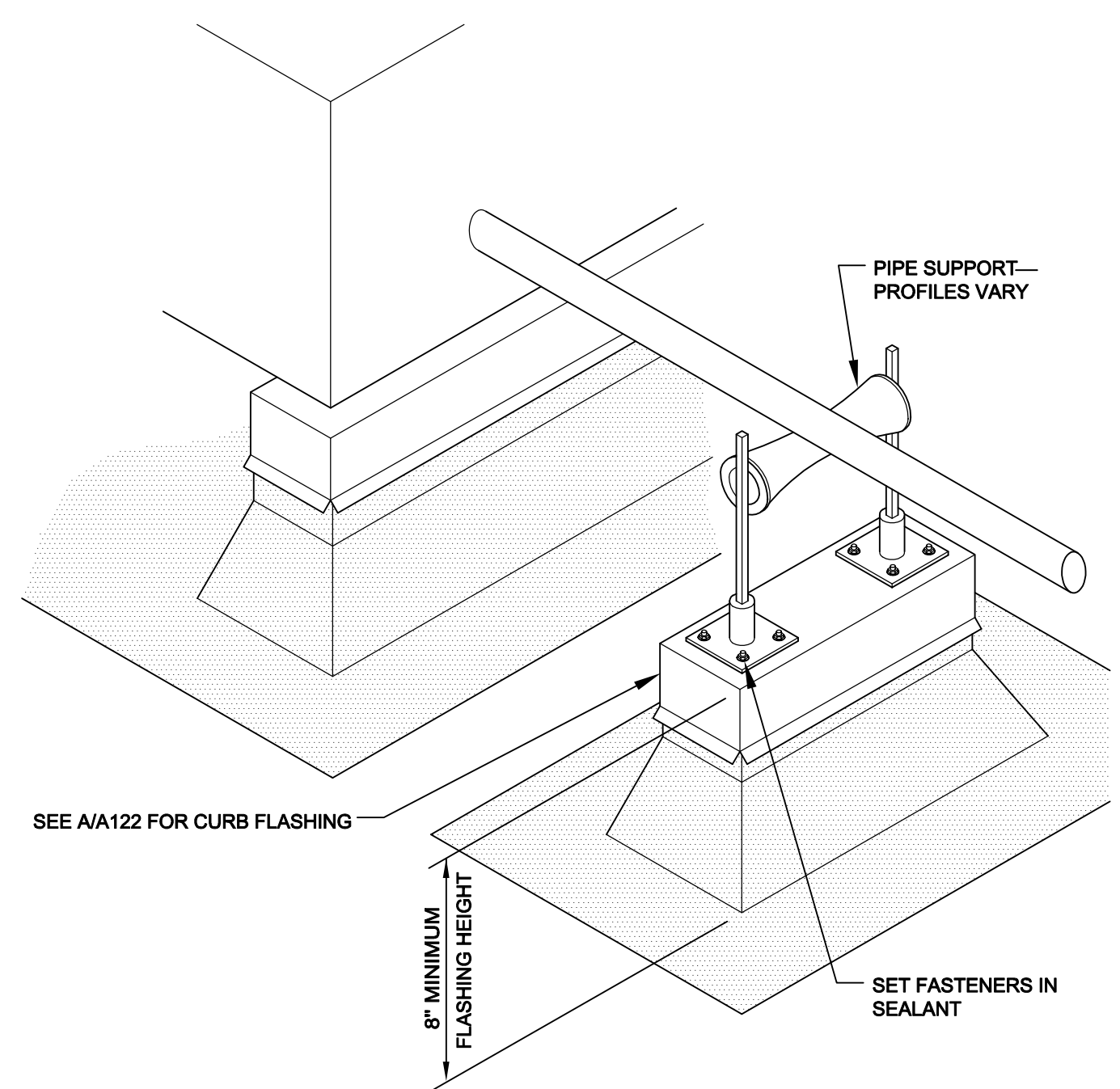
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DETAIL NOTES:
 1. SOFT METAL PIPE FLASHING:
 -SHEET LEAD: MINIMUM OF 2 1/2 LB. PER SQUARE FOOT OR
 -SHEET COPPER: MINIMUM 16 OZ.
 2. IF USING COPPER FLASHING OVER AN IRON OR STEEL PIPE, INSERT A SEPARATOR SHEET (E.G., ASPHALT-SATURATED ROOFING FELT) WRAPPED AROUND PIPE TO SEPARATE THE COPPER FLASHING FROM DIRECT CONTACT WITH PIPE TO REDUCE GALVANIC ACTION.
 3. VENT STACKS AND OTHER PIPES SHOULD HAVE A MINIMUM OF 12 INCHES OF CLEARANCE ON ALL SIDES FROM WALLS, CURBS AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING. SEE THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

PLUMBING VENT
 [HOT- OR COLD-APPLIED FLASHING SYSTEMS]

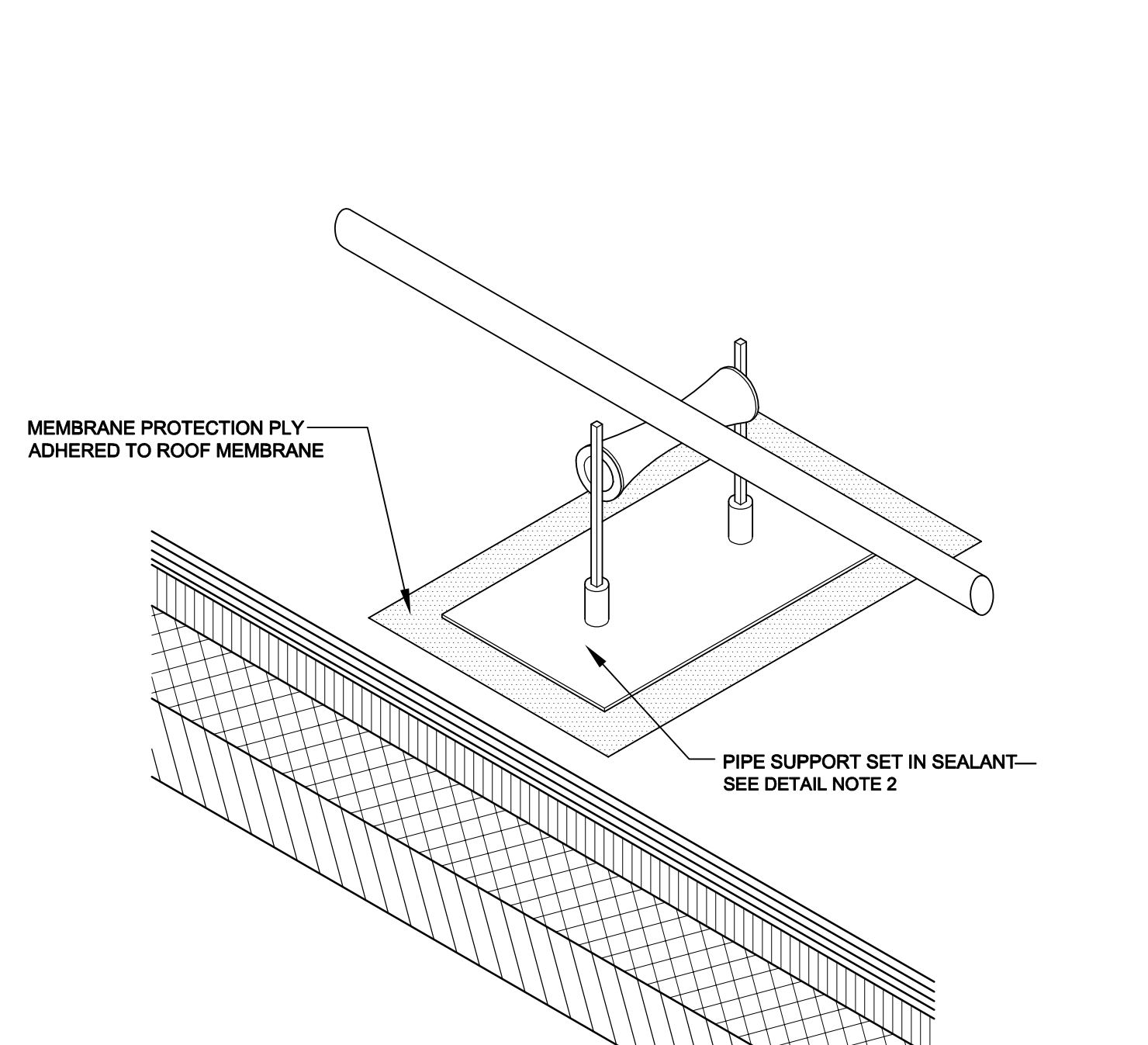
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DETAIL NOTES:
 1. THIS DETAIL IS DESIGNED TO ELIMINATE ROOF DAMAGE DUE TO EXPANSION AND CONTRACTION OF PIPES. PIPE SUPPORT PROFILES VARY.

PIPE SUPPORT CURB
 [HOT- OR COLD-APPLIED FLASHING SYSTEMS]

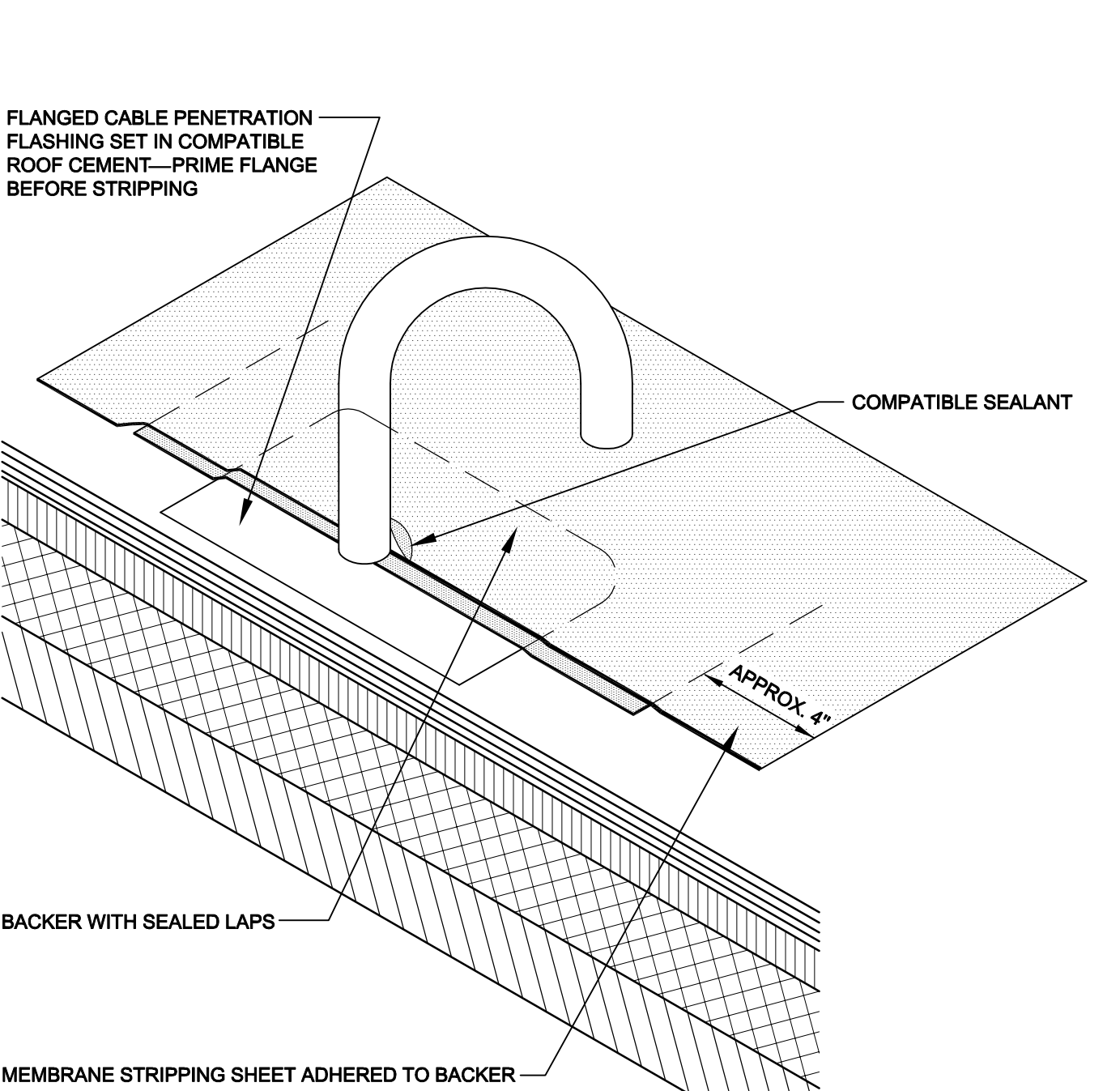
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DETAIL NOTES:
 1. THIS DETAIL IS DESIGNED TO ELIMINATE ROOF DAMAGE DUE TO EXPANSION AND CONTRACTION OF PIPES.
 2. PIPE SUPPORT PROFILES VARY. REFER TO THE MANUFACTURER FOR LOAD CAPACITY AND RECOMMENDED SPACING OF SUPPORTS.

PIPE SUPPORT
 [HOT- OR COLD-APPLIED FLASHING SYSTEMS]

SCALE: NONE The NRCA Roofing Manual: Membrane Roof Systems—2015 **F** BUR-22A



DETAIL NOTES:
 1. DETAIL DEPICTS THE WEATHERPROOFING PROTECTION AND DOES NOT REPRESENT ELECTRICAL DESIGN.

PIPE SUPPORT
 [HOT- OR COLD-APPLIED FLASHING SYSTEMS]

SCALE: NONE The NRCA Roofing Manual: Membrane Roof Systems—2015 **G** BUR-23

GENERAL NOTES FOR ROOFING DETAILS:
 1. REFER TO ROOF PLAN, SHEET A121 AND MEMBRANE ROOFING SPECIFICATION(S) IN SECTIONS 07 5000 FOR MEMBRANE TYPE AND THICKNESS, AND COVER BOARD, TAPERED INSULATION AND FIRE GUARD BOARD THICKNESSES AND REQUIREMENTS.
 2. REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING, CONDENSATION AND AIR LEAKAGE CONTROL, AND REROOFING FOR DESIGN, JOINERY AND SECUREMENT OPTIONS FOR COPINGS, FASCIA CAPS, GRAVEL STOPS, PERIMETER EDGE METAL, COUNTER FLASHINGS, COVERS, PENETRATION POCKETS, SCUPPERS, EXPANSION JOINT COVERS AND SHEET METAL HOODS.
 3. REFER TO THE NRCA Roofing Manual: Membrane Roof Systems—2015, INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

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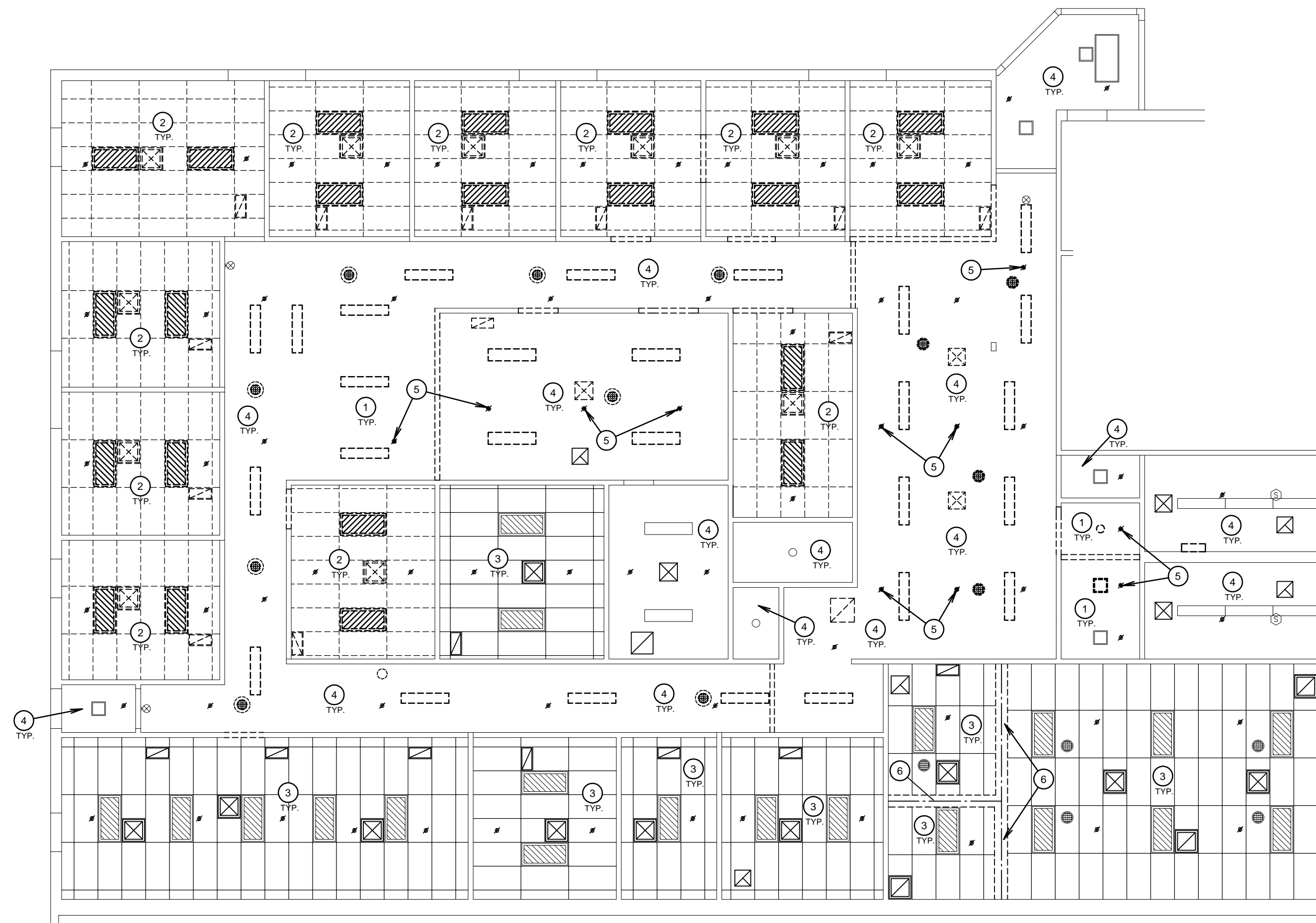
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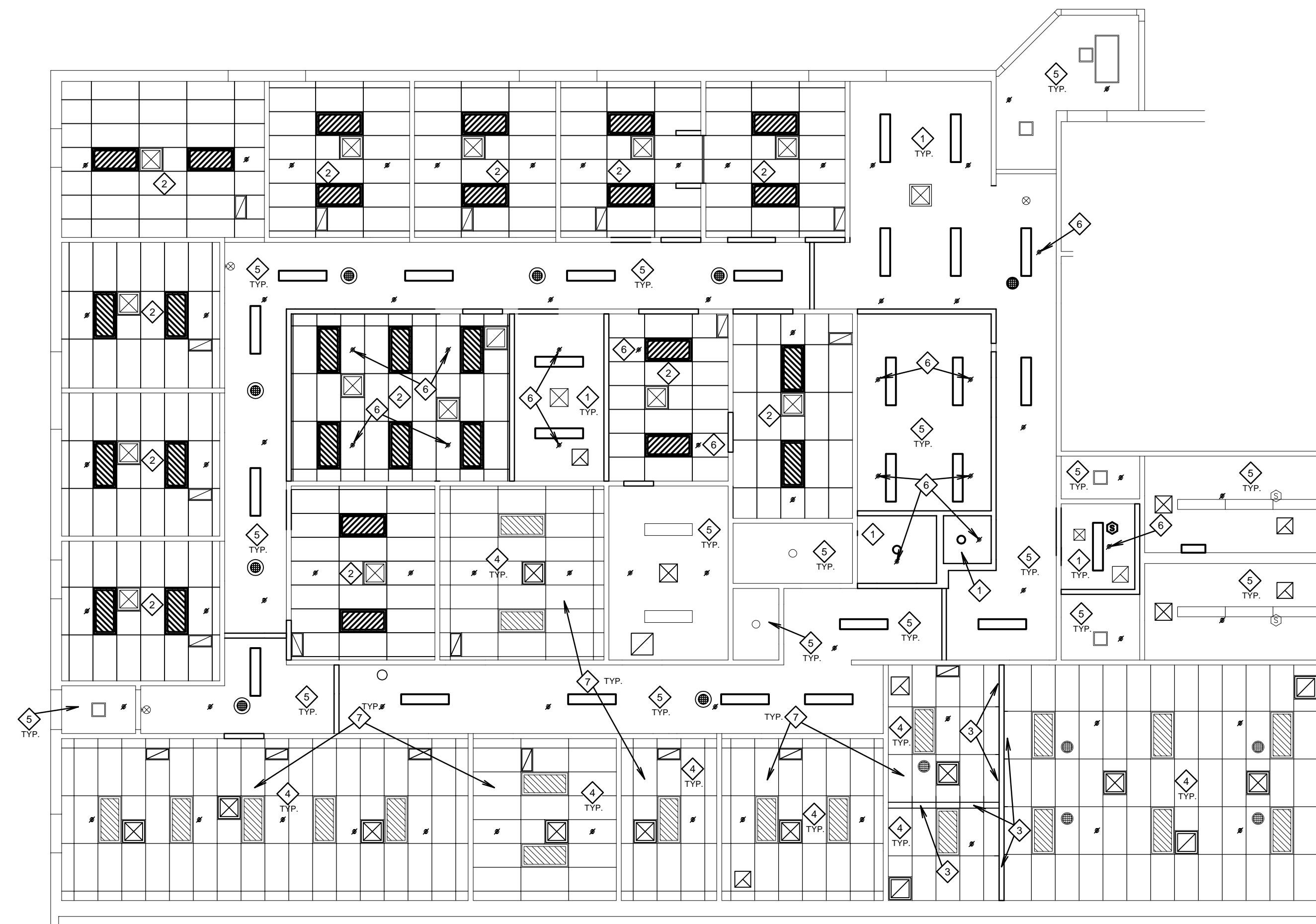
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PARTIAL DEMOLITION REFLECTED CEILING PLAN

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

1



PARTIAL NEW REFLECTED CEILING PLAN

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

2

LEGEND	
LIGHT FIXTURES	
SMOKE DETECTORS	
MECHANICAL AIR GRILLES	
AUDIO SPEAKERS	
FOLDING PANEL PARTITIONS	
CEILING ACCESS DOORS	

GENERAL CEILING DEMOLITION NOTES

1. PROTECT EXISTING FINISHES WHICH ARE TO REMAIN.
2. REMOVE CEILING MATERIALS, FRAMING, BACKER BOARD, TRIM, EQUIPMENT, OR OTHER ITEMS TO PROVIDE ACCESS TO PERFORM OTHER WORK OR TO ACCOMMODATE NEW WORK. COORDINATE WITH OTHER DRAWINGS AND ALL TRADES.
3. REMOVE FIXTURES, SPEAKERS, GRILLES, LOUVERS, EQUIPMENT, DEVICES AND OTHER WORK AS REQUIRED TO ACCOMMODATE NEW CEILING WORK OR OTHER RELATED NEW WORK AND ACCESS TO ACCOMPLISH NEW WORK.
4. SALVAGE AND STORE ITEMS ARE TO BE REUSED AND RE-INSTALLED.
5. REMOVE ALL EXISTING CEILING TILE WHERE SHOWN TO RECEIVE NEW TILE. SALVAGE FOR RE-USE OR PATCHING AS REQUIRED.
6. REMOVE CEILING MATERIALS, FRAMING, BACKER BOARD, TRIM, EQUIPMENT, OR OTHER ITEMS TO PROVIDE ACCESS TO PERFORM OTHER WORK OR TO ACCOMMODATE NEW WORK. COORDINATE WITH OTHER DRAWINGS AND ALL TRADES.
7. REMOVE DETERIORATED OR DAMAGED BACKER BOARD OR BACKING NOT TO REMAIN BEHIND CEILING TILE.
8. SEE ELECTRICAL, MECHANICAL AND OTHER DRAWINGS FOR LIGHT FIXTURES, HVAC EQUIPMENT, GRILLES, ETC. TO BE REMOVED.

KEYED CEILING DEMOLITION NOTES

- 1 REMOVE EXISTING GYPSUM BOARD, SUSPENSION SYSTEM, FURRING AND OTHER ASSOCIATED WORK.
- 2 REMOVE EXISTING SUSPENDED CEILING GRID, LAY-IN TILE AND RELATED WORK. SEE MECHANICAL, ELECTRICAL AND AV DRAWINGS FOR NOTES REGARDING WORK MOUNTED IN EXISTING CEILINGS. NOTE THAT OFFICES HAVE EXISTING ACOUSTICAL BATT INSULATION ABOVE WHICH IS TO REMAIN OR BE SALVAGED AND REINSTALLED.
- 3 EXISTING 24"x48" SUSPENDED SYSTEM WITH LAY-IN ACOUSTICAL CEILING TILE TO REMAIN.
- 4 EXISTING PAINTED GYPSUM BOARD TO REMAIN.
- 5 EXISTING FIRE SPRINKLER HEAD TO BE REMOVED TO ACCOMMODATE NEW LAYOUT.
- 6 REMOVE EXISTING FOLDING PARTITION HEADER TRACK, SUPPORT EXISTING SUSPENDED CEILING GRID.

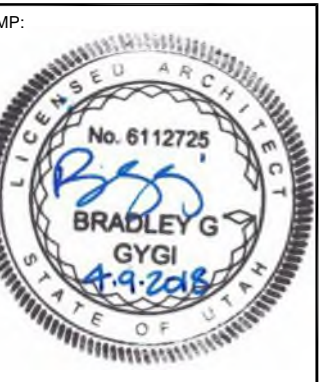
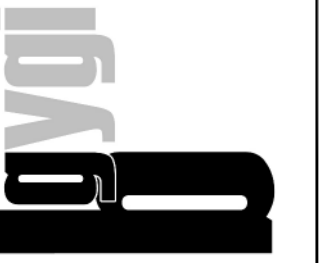
GENERAL CEILING NOTES

- EXISTING WORK:**
1. VERIFY LOCATION OF ALL EXISTING PIPING, WIRING, DUCT WORK AND OTHER EXISTING WORK IN EXISTING FRAMING AND ATTIC SPACES AND COORDINATE WITH NEW WORK.
 2. FILL HOLES AND PATCH CEILING WHERE EXISTING LIGHT FIXTURES, GRILLES, DIFFUSERS, FURRING OR OTHER WORK IS REMOVED OR WHERE NEW WORK DOES NOT COVER EXISTING OPENINGS COMPLETELY.
 3. REMOVE AND REINSTALL EXISTING LIGHT FIXTURES, GRILLES, DIFFUSERS, SPEAKERS AND OTHER EXISTING WORK AS REQUIRED TO ACCOMMODATE NEW WORK.
- ALL AREAS:**
1. SEE ELECTRICAL, MECHANICAL AND OTHER DRAWINGS FOR LIGHT FIXTURES, HVAC EQUIPMENT, FIRE SPRINKLING, GRILLES, ETC. TO BE REMOVED AND REINSTALLED OR REPLACED WITH NEW.
 2. BLOCK ALL NEW UNSUPPORTED GYPSUM BOARD PANEL EDGES WITH 2x4 FLAT AND METAL "Z" CLIPS EACH END (BENT CLIP AS REQUIRED) AT WOOD TRUSS FRAMING.
- NEW SUSPENDED ACOUSTICAL PANEL CEILINGS:**
1. BLOCK ALL NEW UNSUPPORTED GYPSUM BOARD PANEL EDGES WITH 2x4 FLAT AND METAL "Z" CLIPS EACH END (BENT CLIP AS REQUIRED) AT WOOD TRUSS FRAMING.
 2. AT SUSPENDED CEILINGS, PROVIDE SEISMIC BRACING AS REQUIRED BY BUILDING CODE. SEE DETAILS A,B,C,D/A152. APPLIES TO AREAS LARGER THAN 1,200 SQUARE FEET.
 3. FOR MOUNTING OF SPEAKERS IN CORRIDOR CEILINGS, SEE F/A152.
 4. FOR MOUNTING OF RECESSED LIGHT FIXTURES IN CORRIDORS, SEE E,F/A152.
 5. FOR EXPANSION JOINTS, SEE G/A152.
- NEW SUSPENDED GYPSUM BOARD & ACOUSTICAL TILE CEILINGS:**
1. AT SUSPENDED CEILINGS, PROVIDE SEISMIC BRACING AS REQUIRED BY BUILDING CODE. SEE DETAILS H,J,K/A152. APPLIES TO AREAS LARGER THAN 1,200 SQUARE FEET.
 2. FOR MOUNTING OF SPEAKERS AND LIGHT FIXTURES IN CEILINGS, SEE L/A152.

KEYED CEILING NOTES

- 1 CEILING SUSPENSION SYSTEM WITH 5/8" GYPSUM BOARD. TEXTURE TO MATCH EXISTING AND PAINT.
- 2 24" x 48" SUSPENDED SYSTEM WITH LAY-IN ACOUSTICAL CEILING TILE.
- 3 24" x 48" SUSPENDED SYSTEM WITH LAY-IN ACOUSTICAL CEILING TILE. TIE INTO EXISTING GRID SYSTEM. REPLACE SMALLER TILES WITH SALVAGED EXISTING TILE FROM ROOMS WHERE EXISTING TILE AND GRID ARE REPLACED.
- 4 EXISTING 24" x 48" SUSPENDED SYSTEM WITH LAY-IN ACOUSTICAL CEILING TILE TO REMAIN.
- 5 EXISTING PAINTED GYPSUM BOARD TO REMAIN. PATCH TO MATCH WHERE DISTURBED BY NEW WORK AND WHERE EXISTING WORK IS REMOVED, PAINT.
- 6 NEW FIRE SPRINKLER HEAD IN NEW LOCATION. TIE IN TO EXISTING SYSTEM.
- 7 REMOVE AND REINSTALL EXISTING LAY-IN CEILING TILE AND GRID AS REQUIRED TO ACCOMMODATE HVAC WORK AT THIS AREA - TYPICAL.

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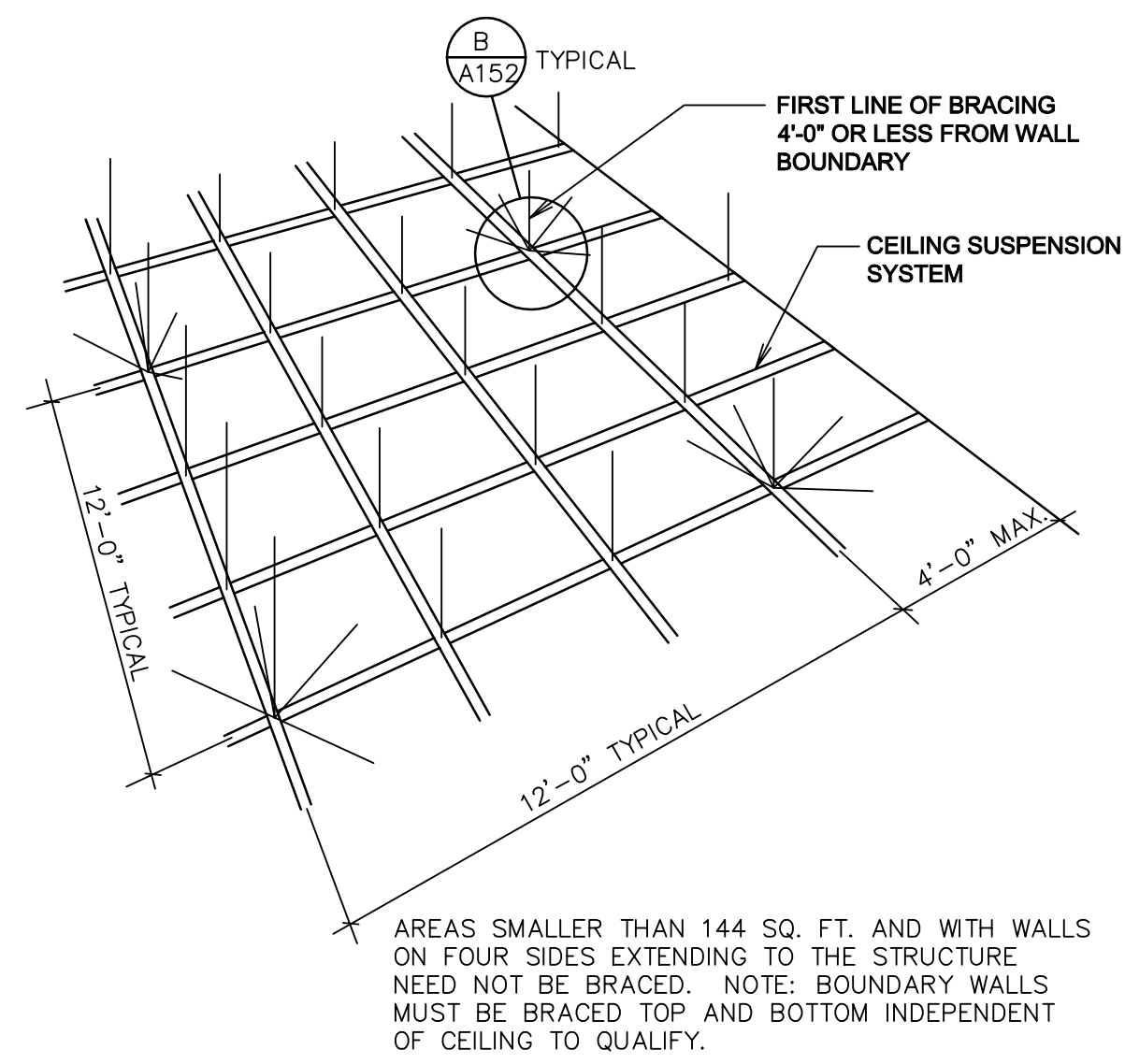
PROJECT FOR:
 THE CHURCH OF
JESUS CHRIST
 OF LATTER-DAY SAINTS

PROJECT NUMBER:
 5261066-18010106
 DATE:
 9 APR 2018
 PROPERTY NUMBER:
 5261066

DRAWN BY:
 BGG
 CHECKED:
 BGG

SHEET TITLE:
**REFLECTED
 CEILING PLANS**

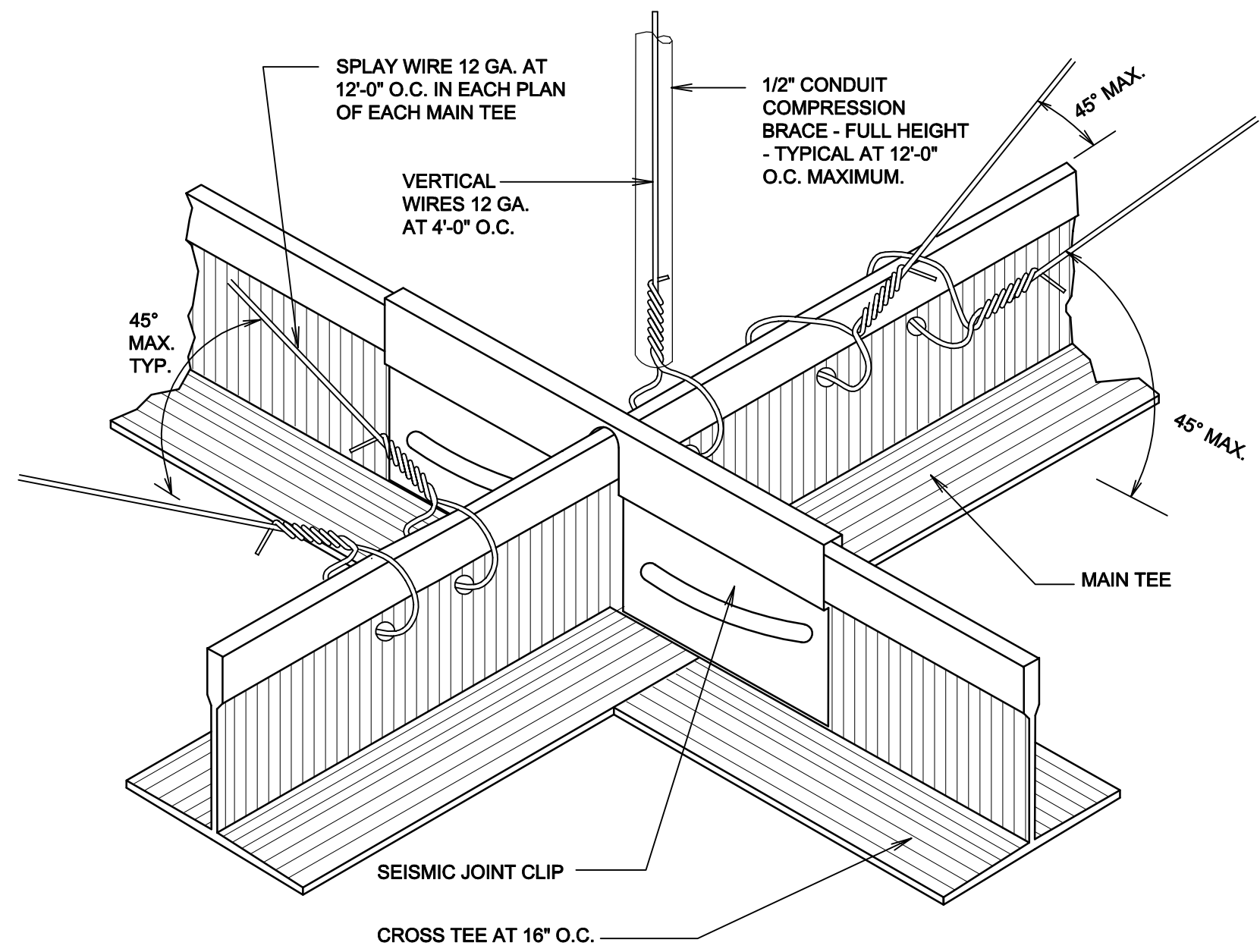
SHEET:
A151



ACOUSTICAL PANEL CEILING SUSPENSION SEISMIC BRACING DETAIL

SCALE: NONE

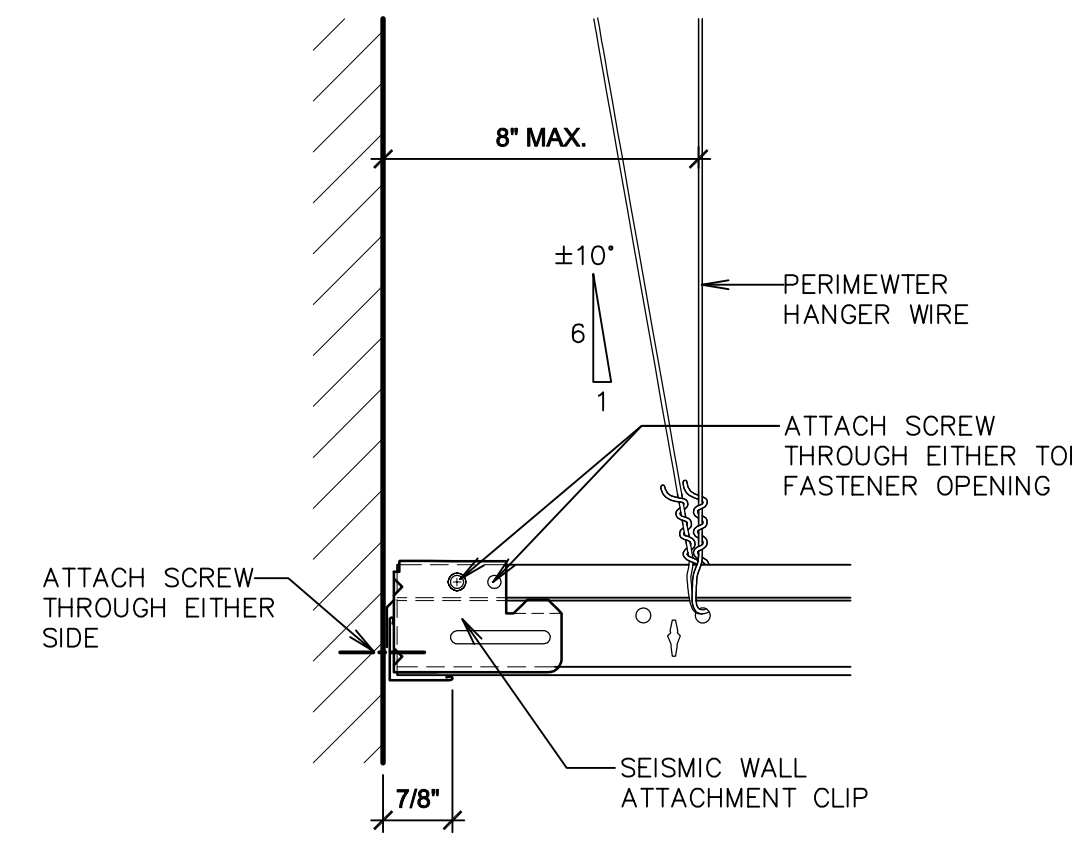
A



ACOUSTICAL PANEL CEILING SUSPENSION SEISMIC BRACING DETAIL

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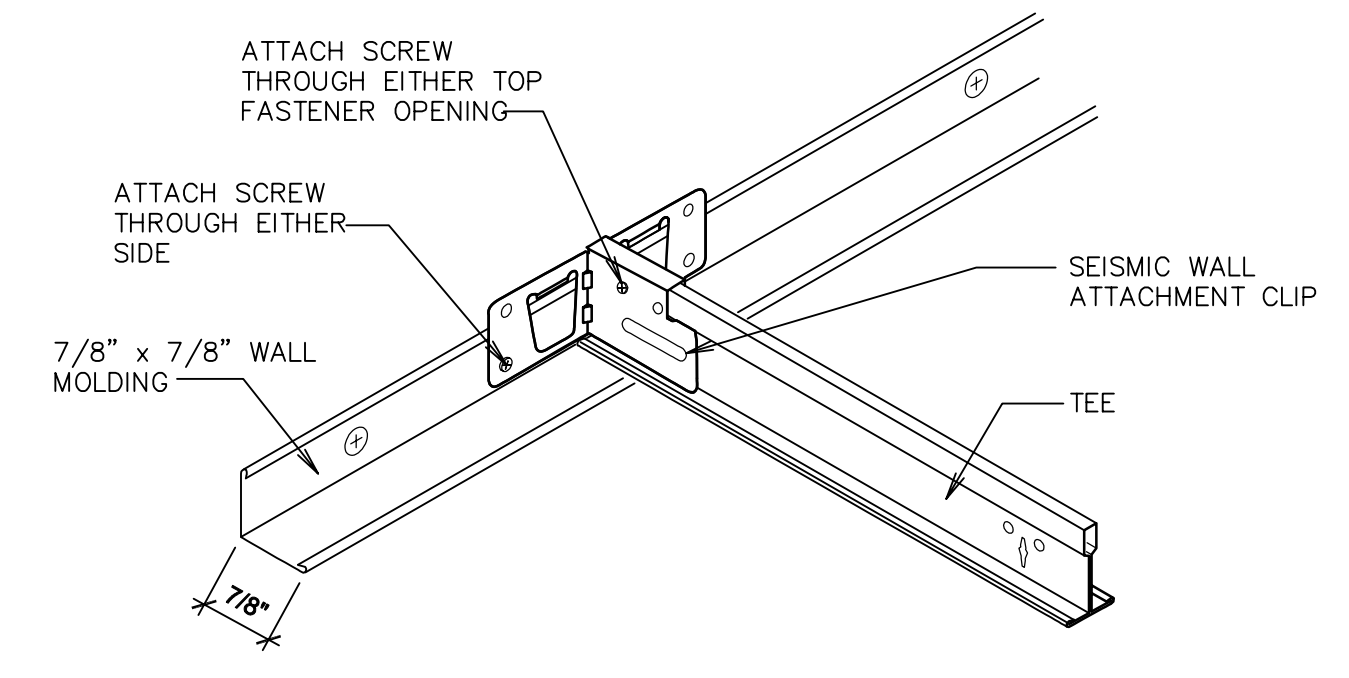
B



ACOUSTICAL PANEL CEILING SEISMIC CLIP AT WALL

SCALE: NONE

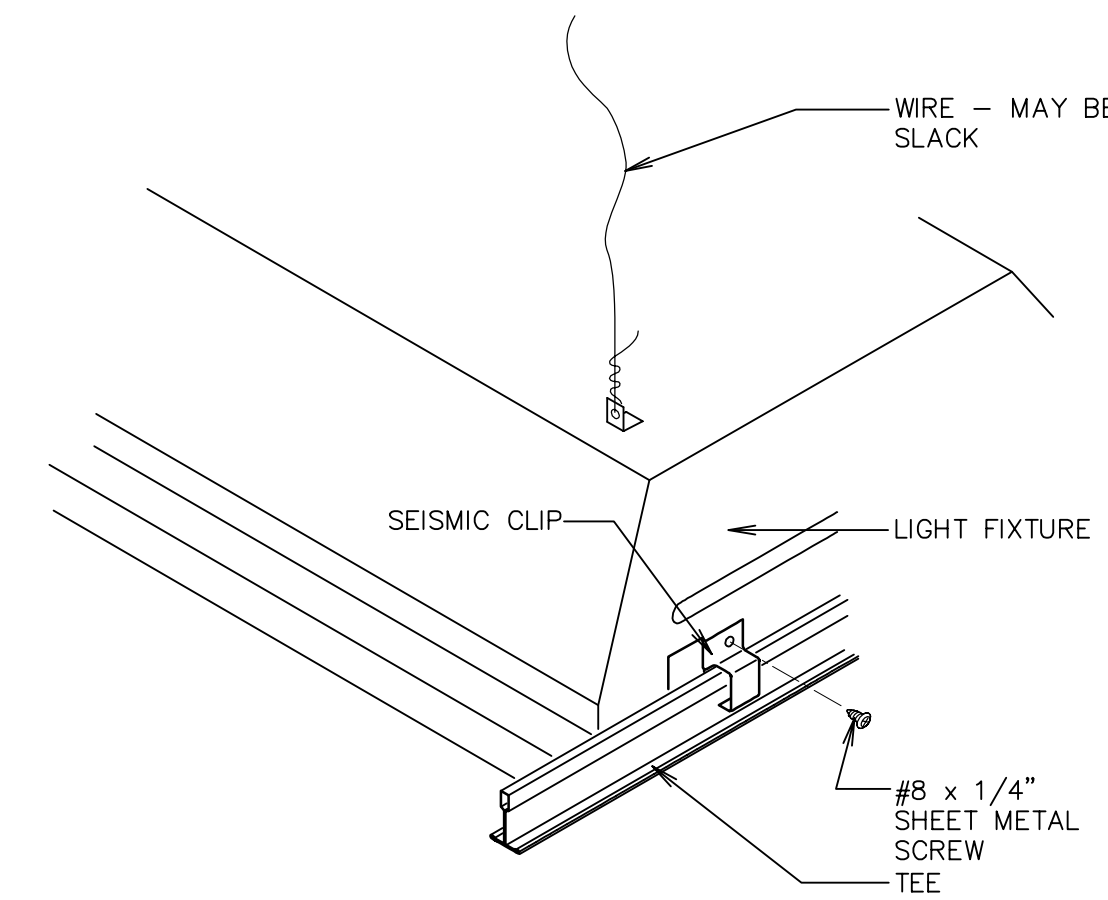
C



ACOUSTICAL PANEL CEILING SEISMIC CLIP AT WALL

SCALE: NONE

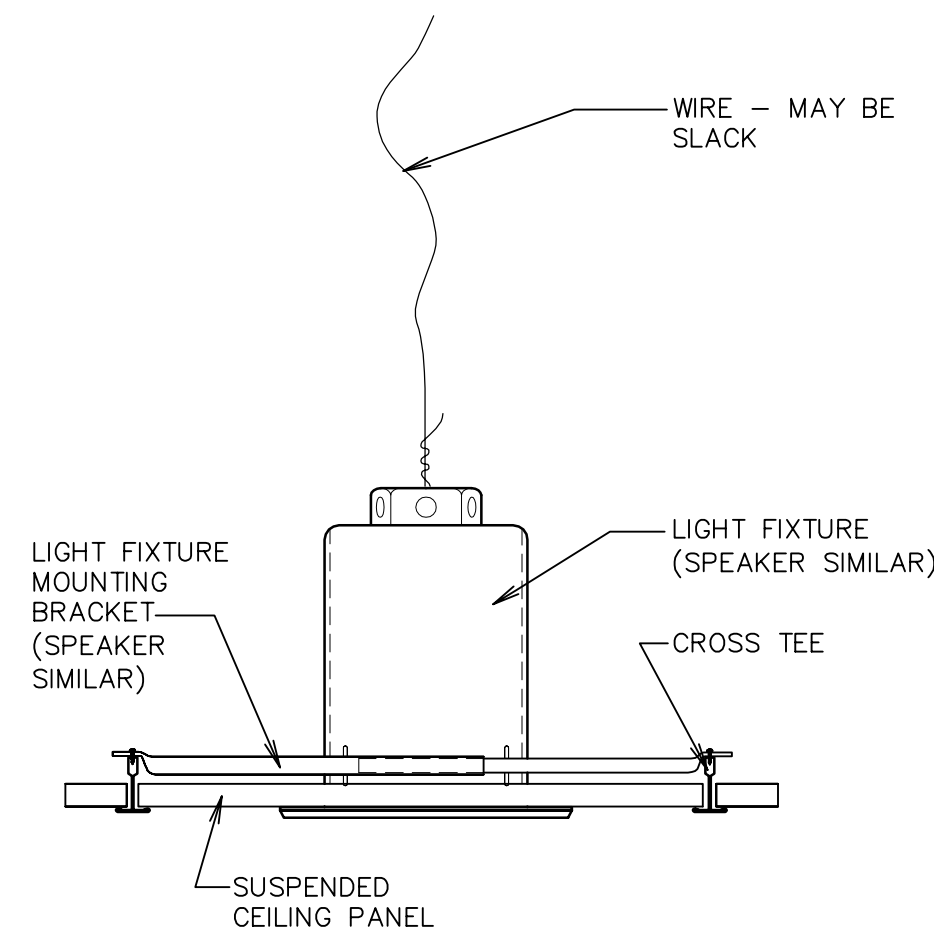
D



ACOUSTICAL PANEL CEILING RECESSED LIGHT FIXTURE

SCALE: NONE

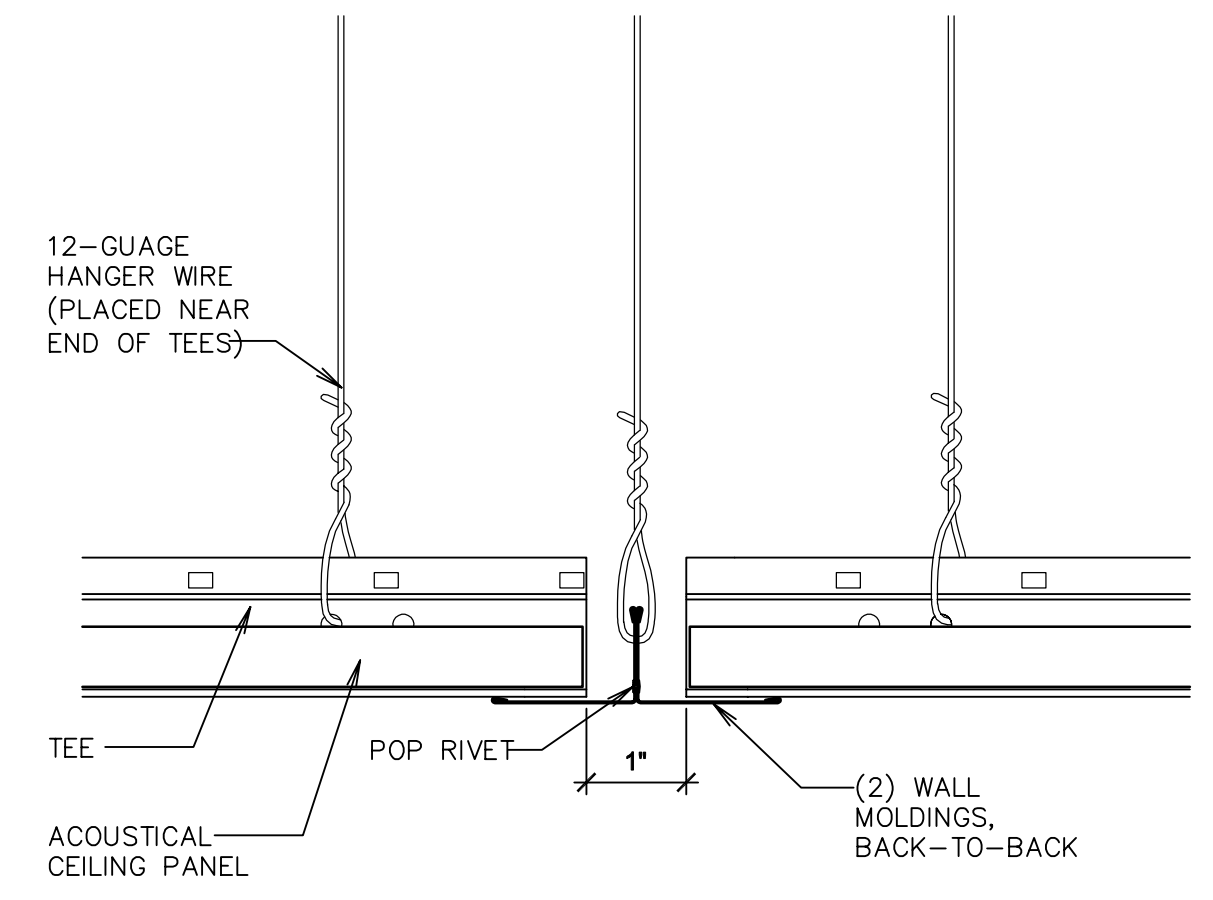
E



ACOUSTICAL PANEL CEILING RECESSED LIGHT FIXTURE / SPEAKER

SCALE: NONE

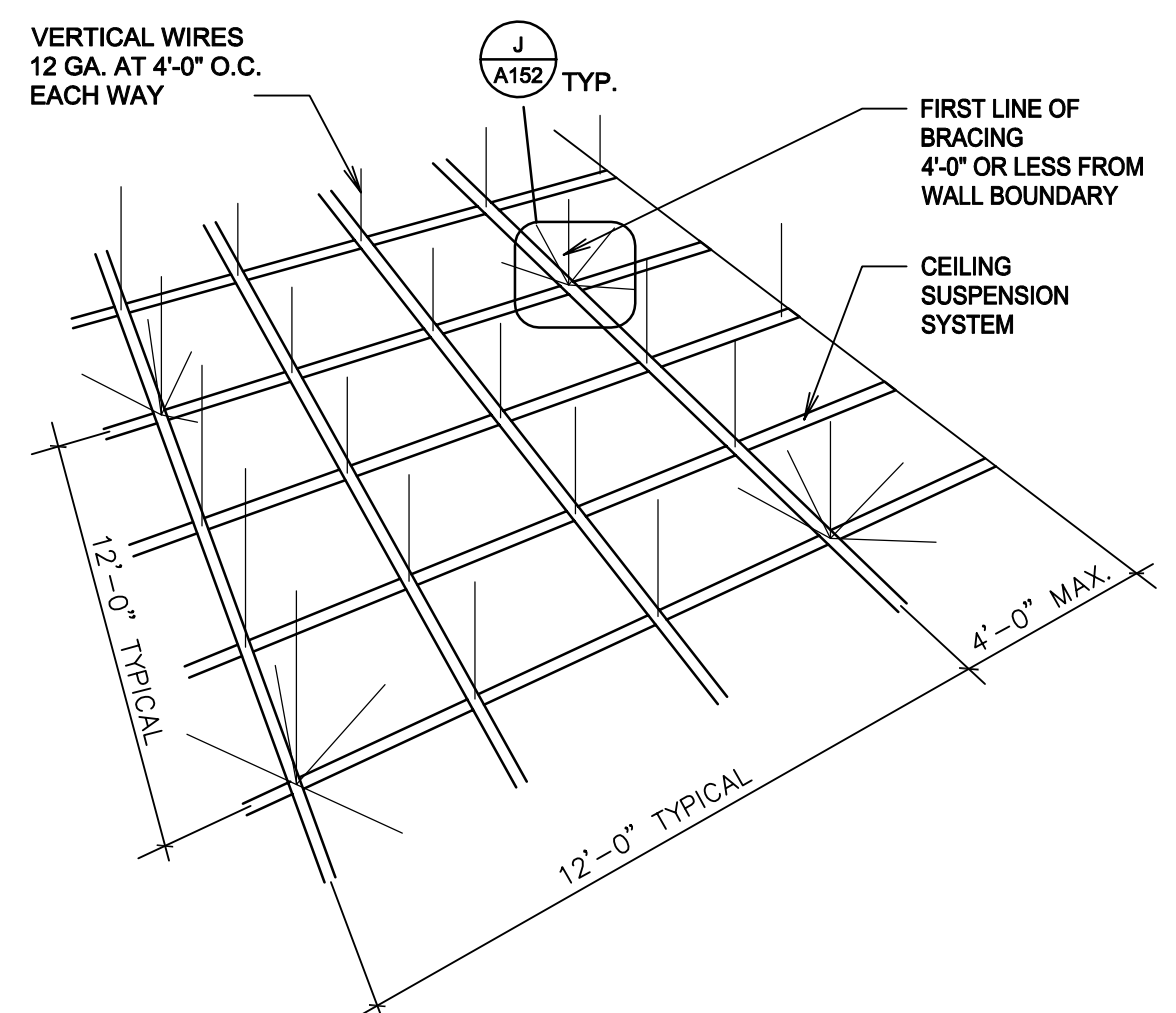
F



ACOUSTICAL PANEL CEILING EXPANSION JOINT

SCALE: NONE

G

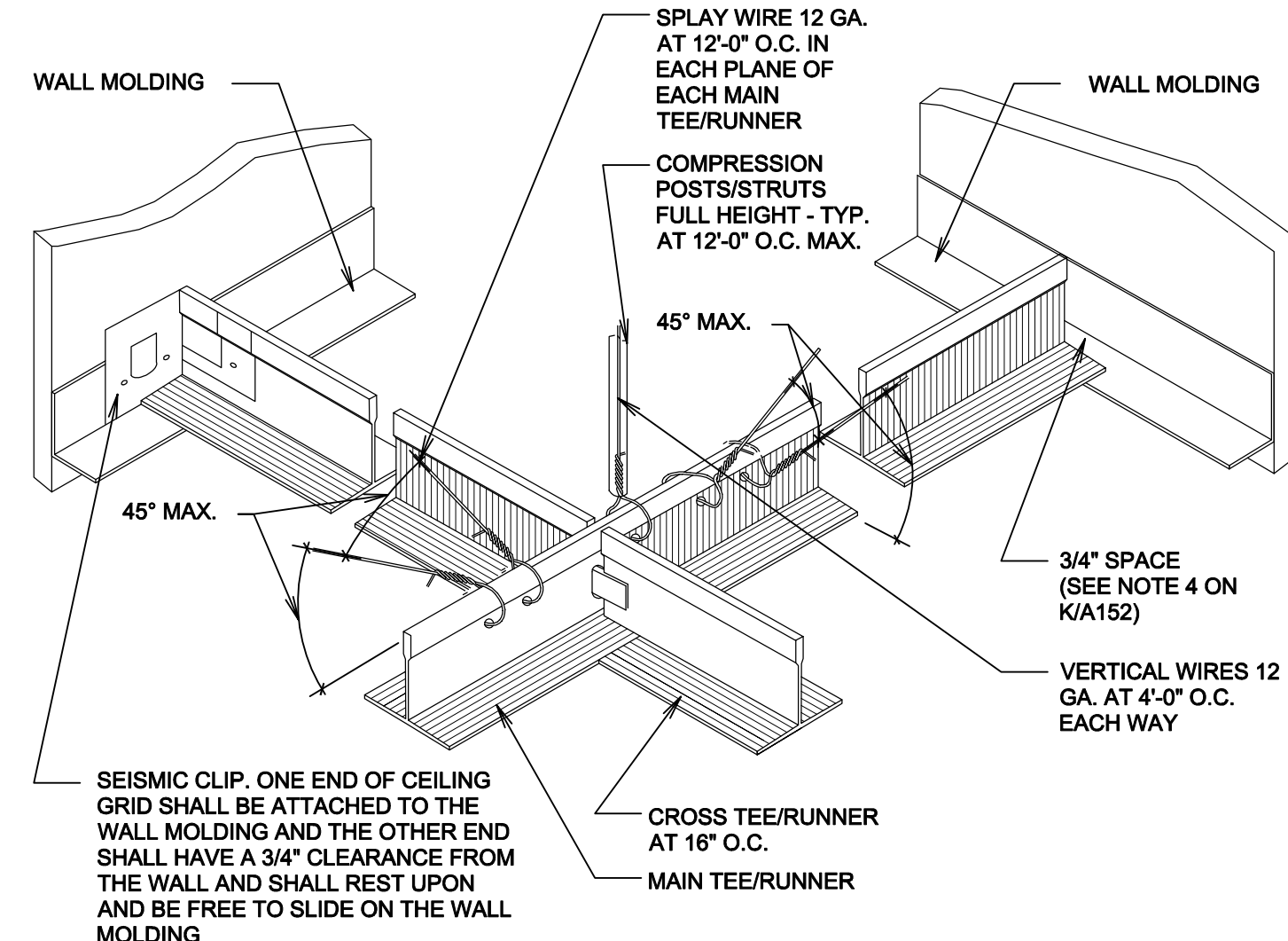


GYPSUM BOARD CEILING SUSPENSION SYSTEM DETAIL

SCALE: N.T.S.

H

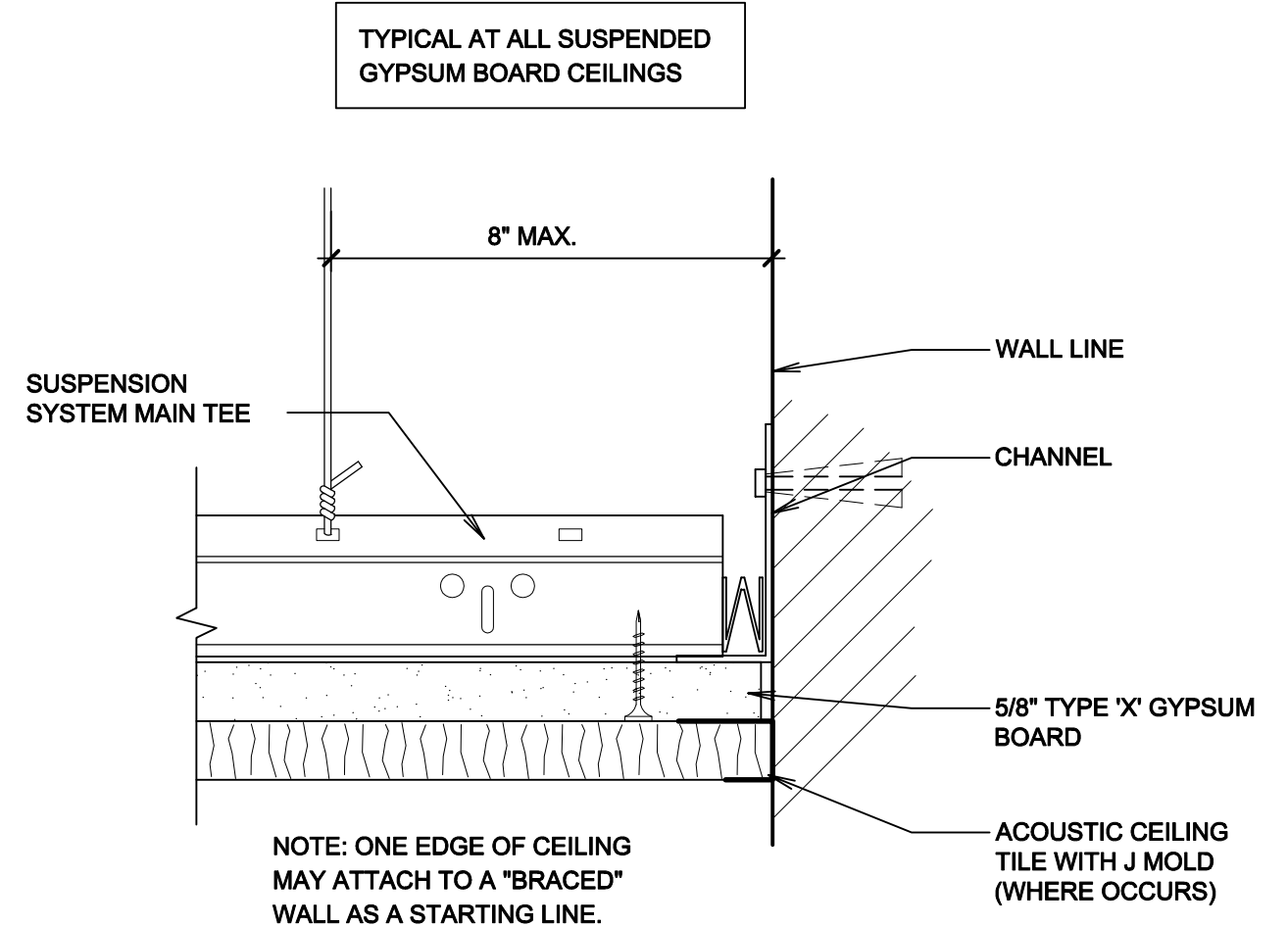
- NOTES:**
1. SPAY WIRE BRACING AND COMPRESSION POSTS/STRUTS ARE ONLY REQUIRED IN SEISMIC DESIGN CATEGORIES D, E, F.
 2. AREAS SMALLER THAN 1000 SQ. FT. AND WITH WALLS ON FOUR SIDES EXTENDING TO THE STRUCTURE NEED NOT HAVE SPAY WIRE REINFORCING. BOUNDARY WALLS MUST BE BRACED TOP AND BOTTOM INDEPENDENT OF CEILING TO QUALIFY.
 3. SEISMIC CLIP IS REQUIRED IN SEISMIC DESIGN CATEGORIES D, E AND F.
 4. THE 2" HORIZONTAL LEG ON WALL MOLDING IS REQUIRED ONLY IN SEISMIC DESIGN CATEGORIES D, E AND F. WITH ICC-ES EVALUATION REPORT, A 7/8" LEG WOULD BE ACCEPTABLE WITH PROPER SEISMIC CLIP.



GYPSUM BOARD CEILING SEISMIC BRACING DETAIL

SCALE: N.T.S.

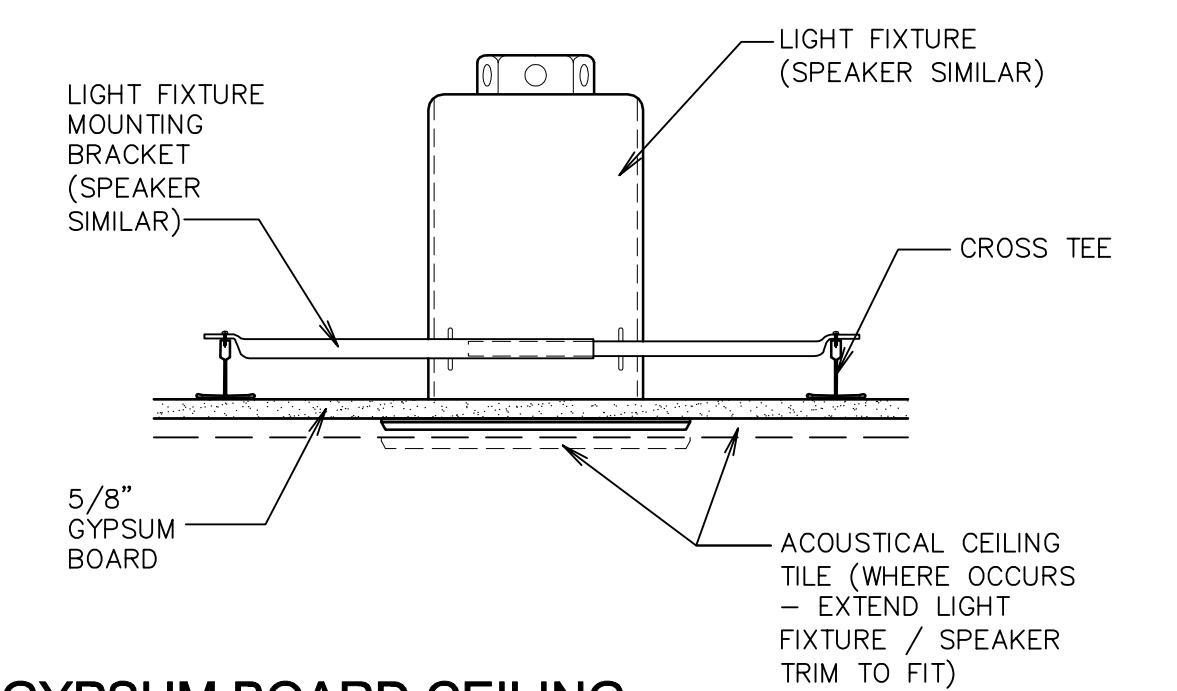
J



GYPSUM BOARD CEILING PERIMETER WALL ANGLE DETAIL

NO SCALE

K

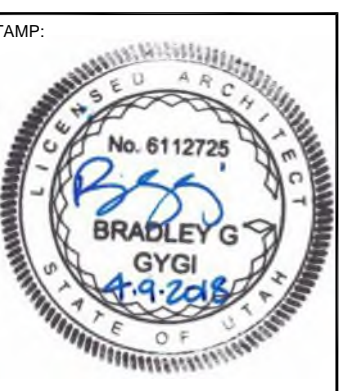
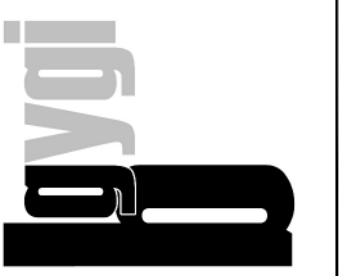


GYPSUM BOARD CEILING RECESSED LIGHT FIXTURE / SPEAKER

NO SCALE

L

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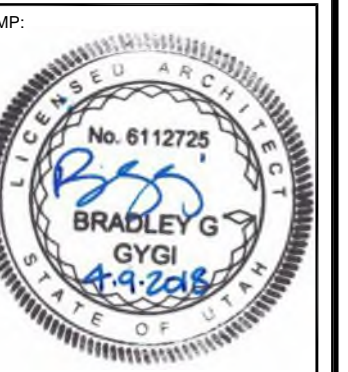
PROJECT FOR:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

PROJECT NUMBER: 5261066-18010106
 DATE: 9 APR 2018
 PROPERTY NUMBER: 5261066

DRAWN BY: BGG CHECKED: BGG

SHEET TITLE:
CEILING DETAILS

SHEET:
A152



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 SANDY, UT 84071

PROJECT FOR:
 THE CHURCH OF
JESUS CHRIST
 OF LATTER-DAY SAINTS

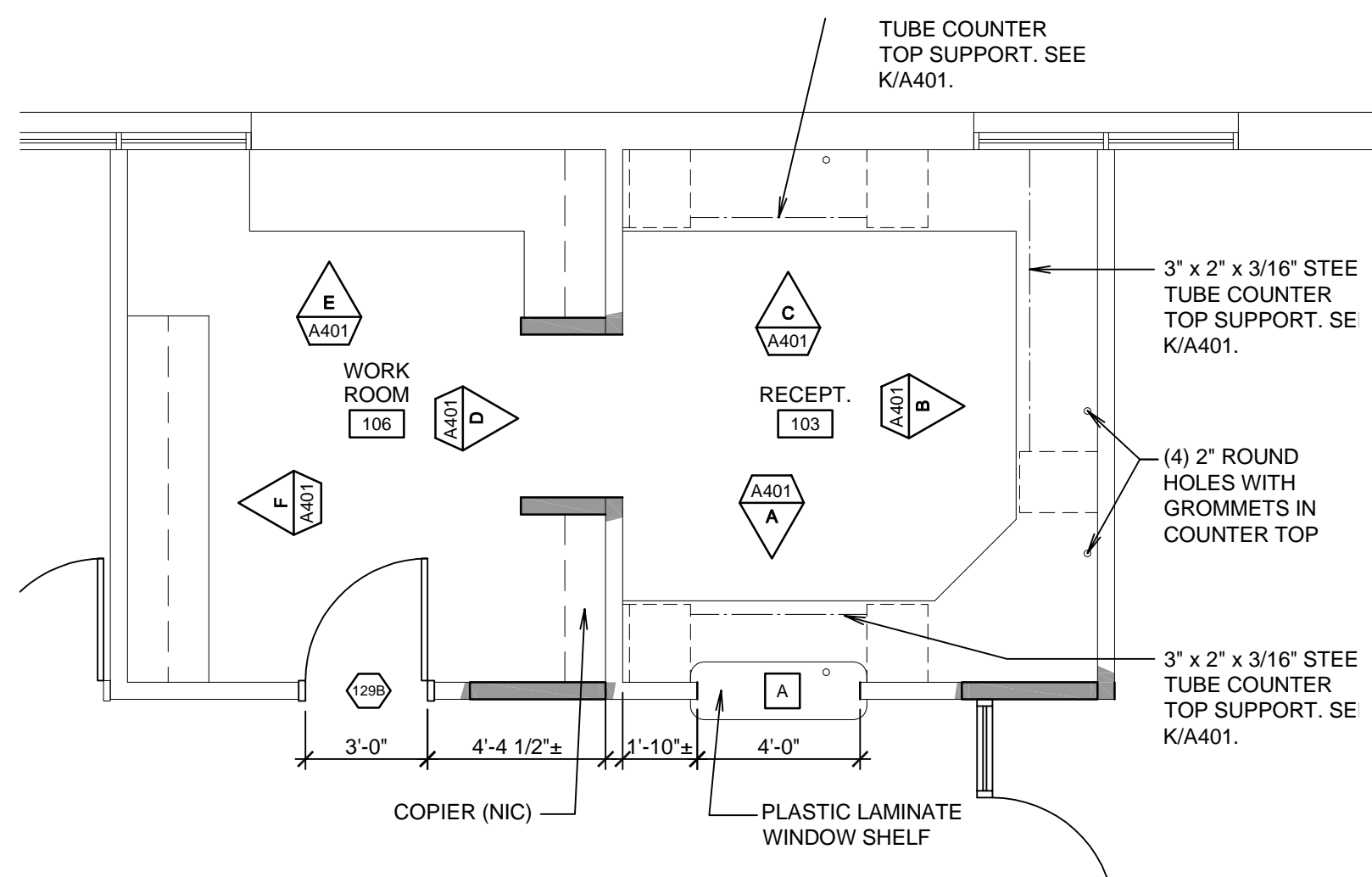
PROJECT NUMBER:
 5261066-18010106
 DATE:
 9 APR 2018
 PROPERTY NUMBER:
 5261066

DRAWN BY:
 BGG
 CHECKED:
 BGG

SHEET TITLE:
ENLARGED RECEPTION, WORK ROOM AND BREAK ROOM

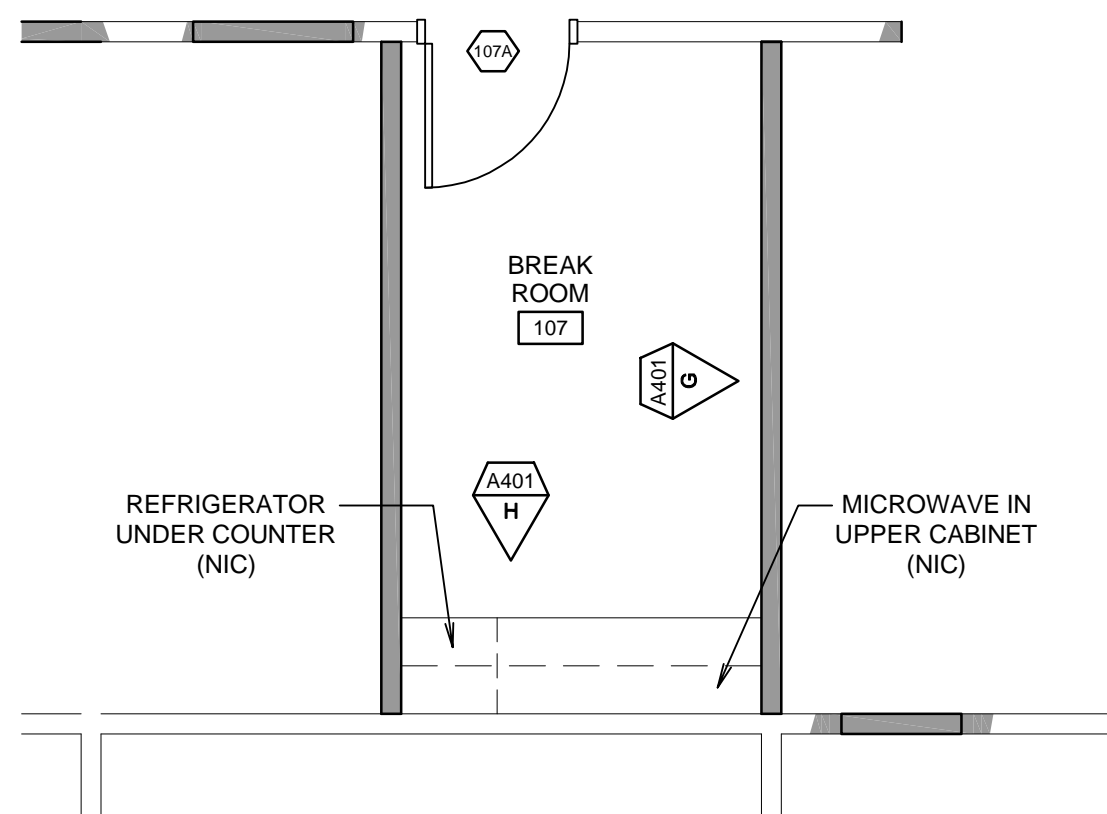
SHEET:

A401



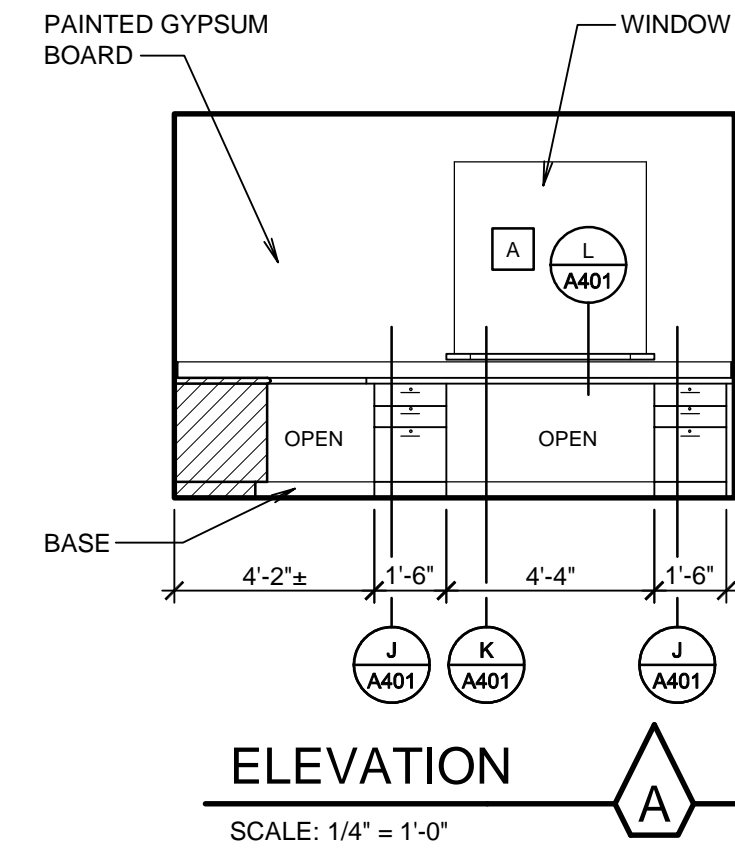
ENLARGED FLOOR PLAN RECEPTION 103 AND WORK ROOM 106
 SCALE: 1/4" = 1'-0"

1

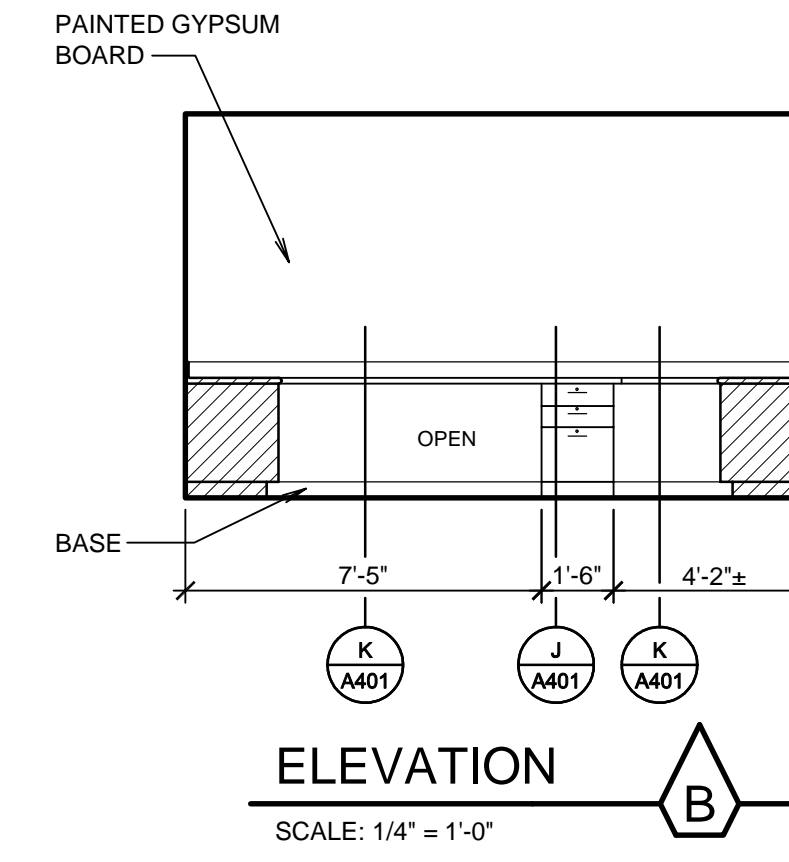


ENLARGED FLOOR PLAN BREAK ROOM 107
 SCALE: 1/4" = 1'-0"

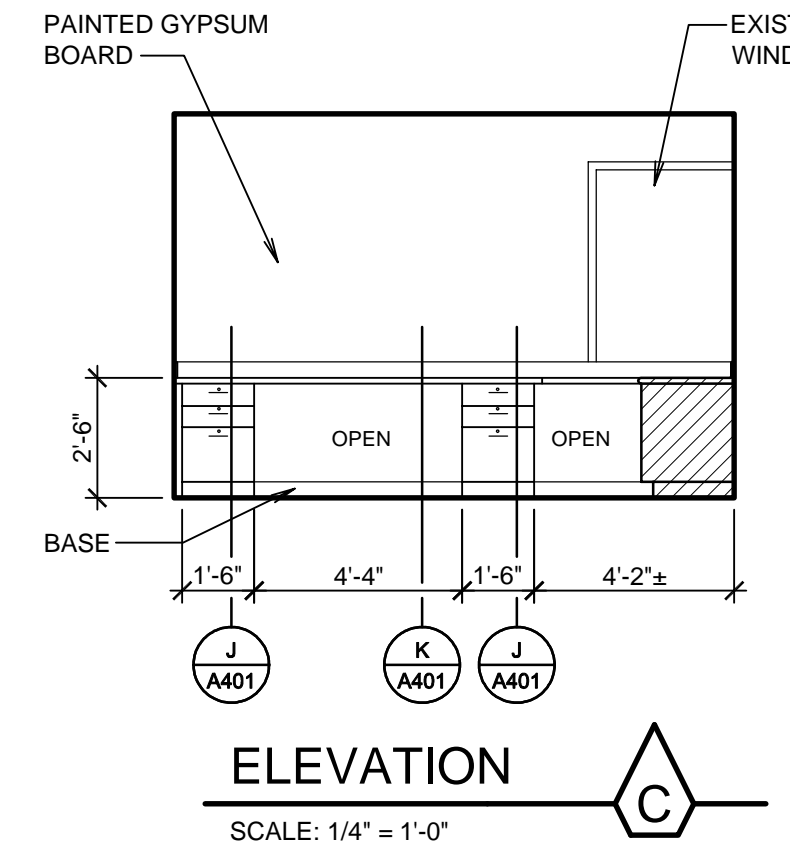
2



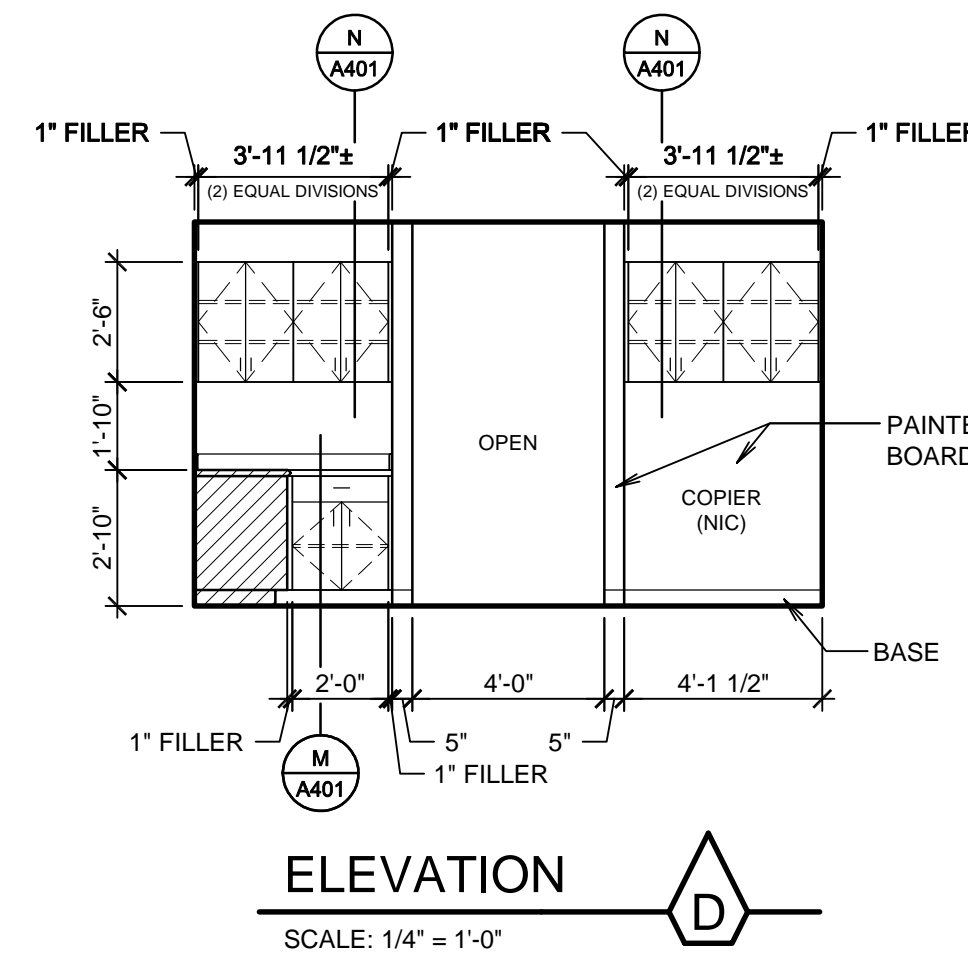
ELEVATION A
 SCALE: 1/4" = 1'-0"



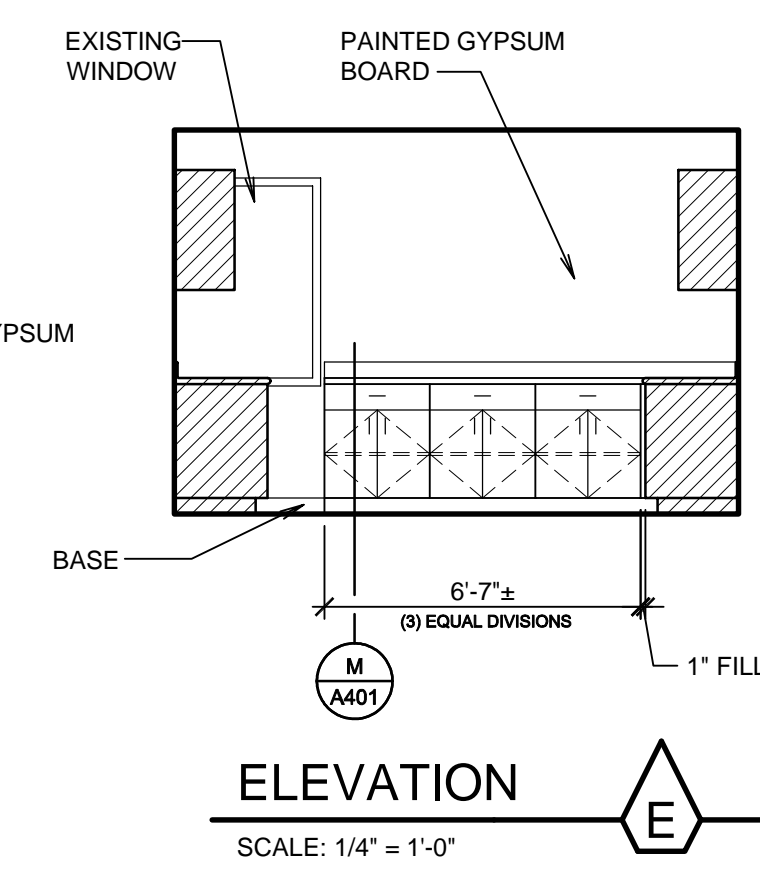
ELEVATION B
 SCALE: 1/4" = 1'-0"



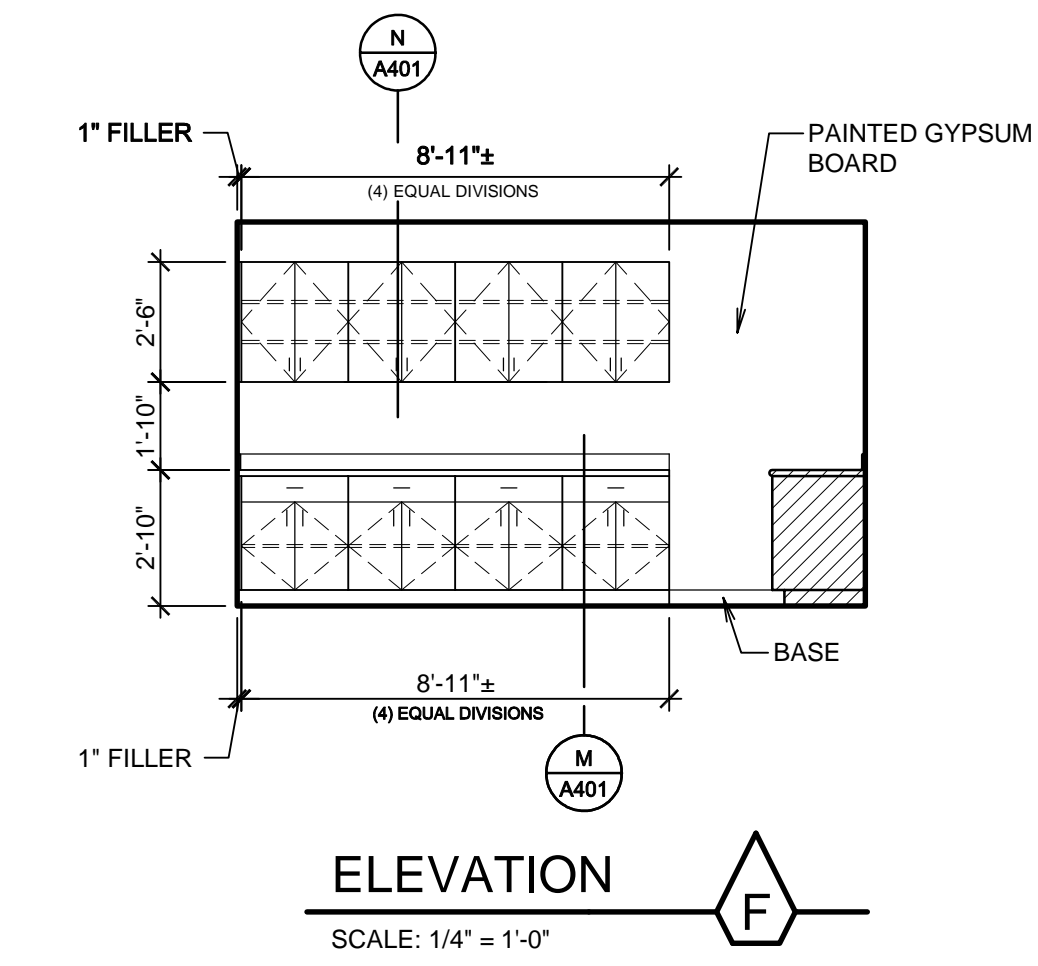
ELEVATION C
 SCALE: 1/4" = 1'-0"



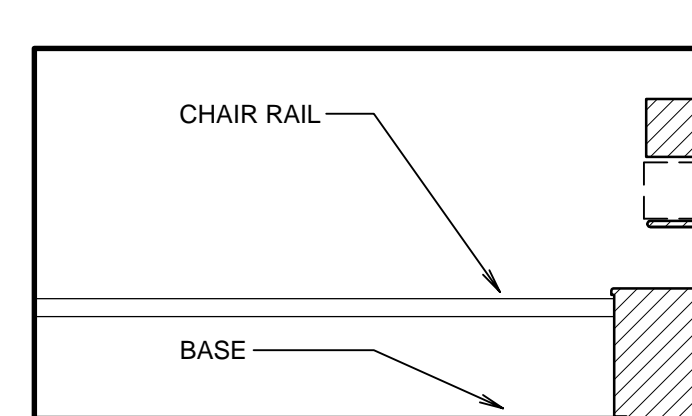
ELEVATION D
 SCALE: 1/4" = 1'-0"



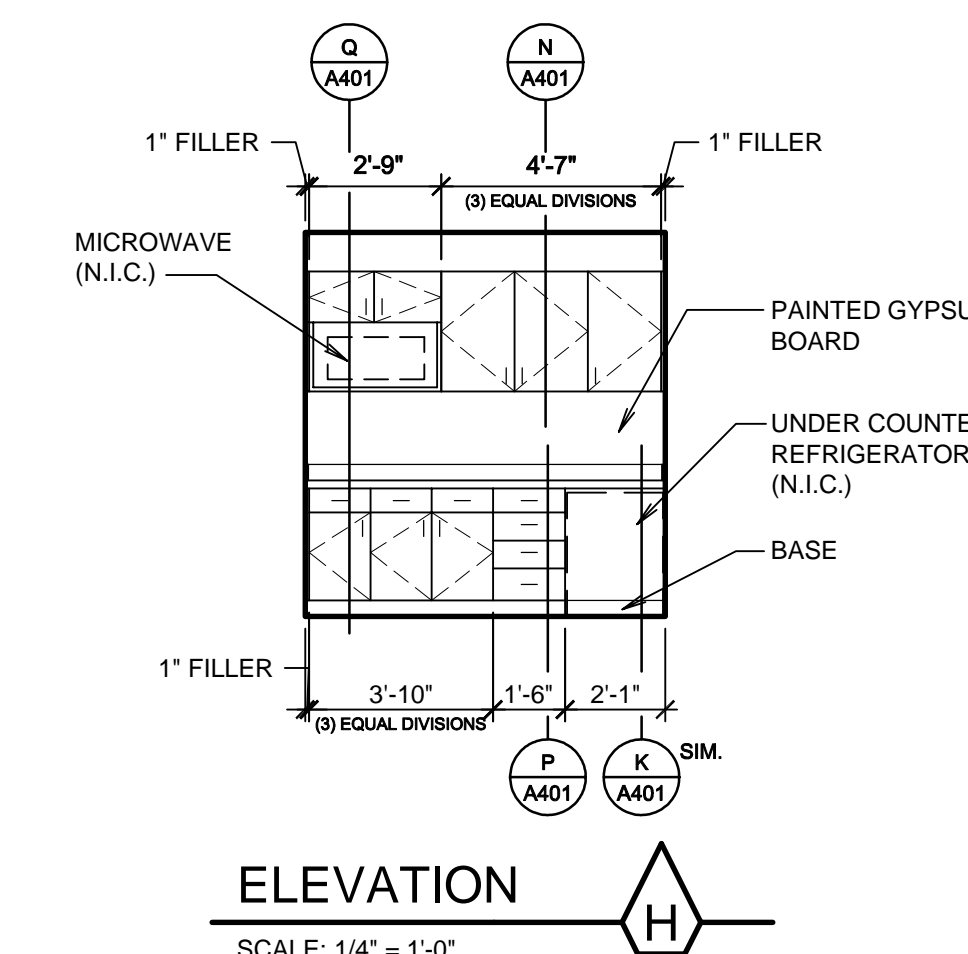
ELEVATION E
 SCALE: 1/4" = 1'-0"



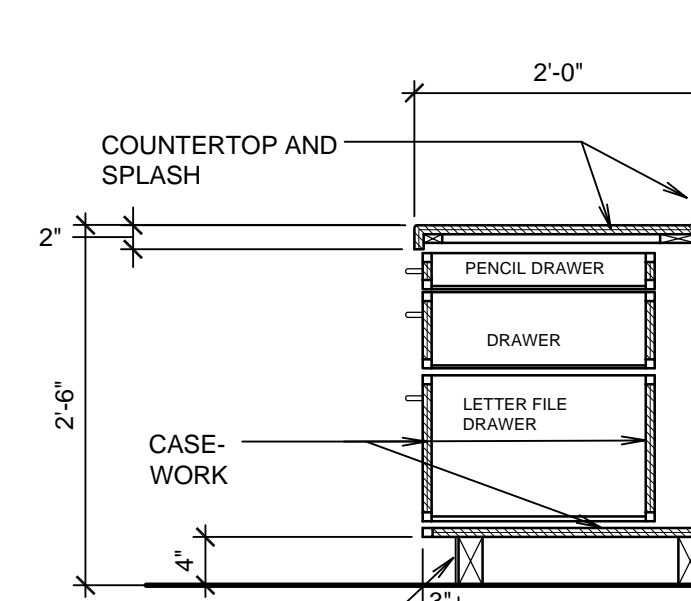
ELEVATION F
 SCALE: 1/4" = 1'-0"



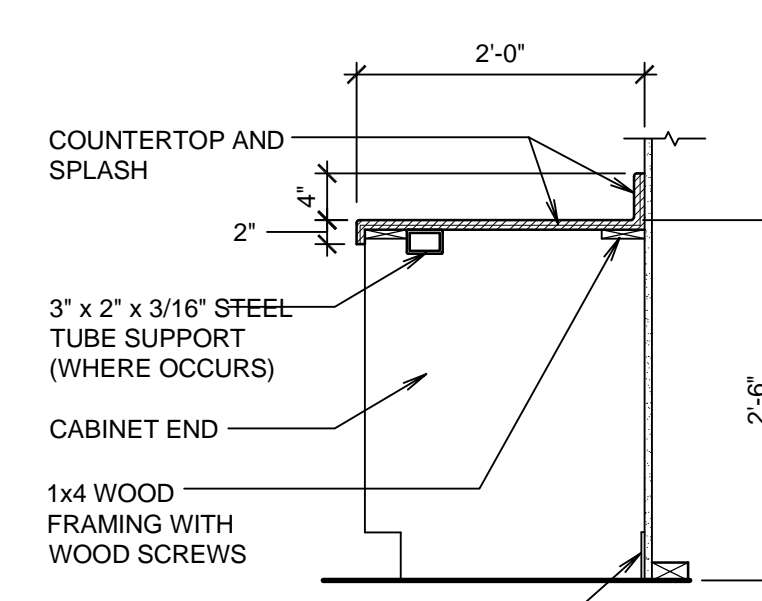
ELEVATION G
 SCALE: 1/4" = 1'-0"



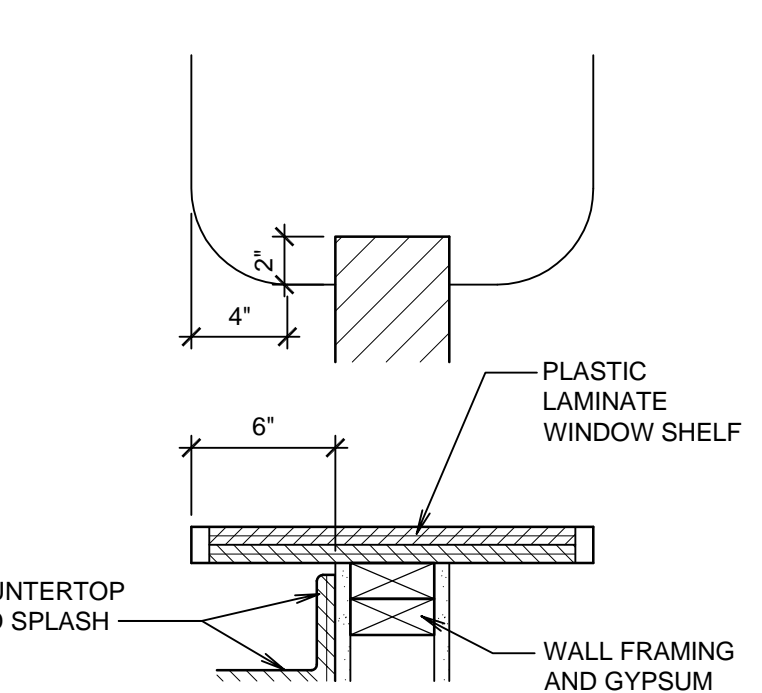
ELEVATION H
 SCALE: 1/4" = 1'-0"



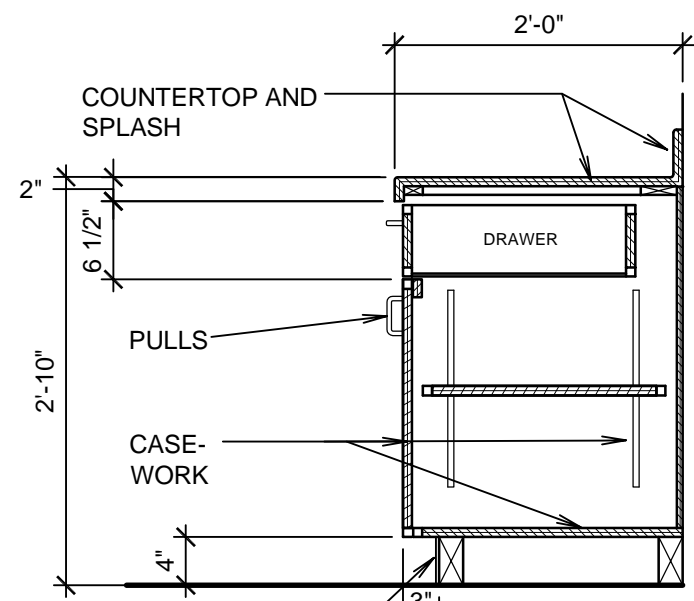
CABINET SECTION J
 SCALE: 3/4" = 1'-0"



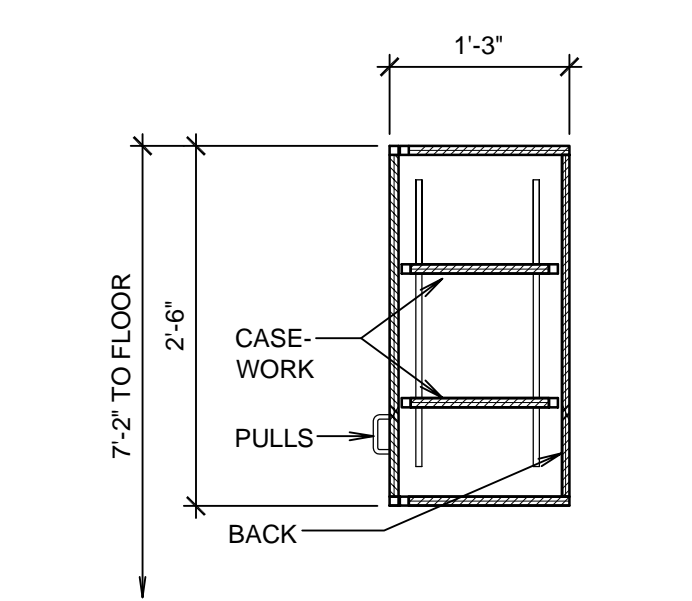
CABINET SECTION K
 SCALE: 3/4" = 1'-0"



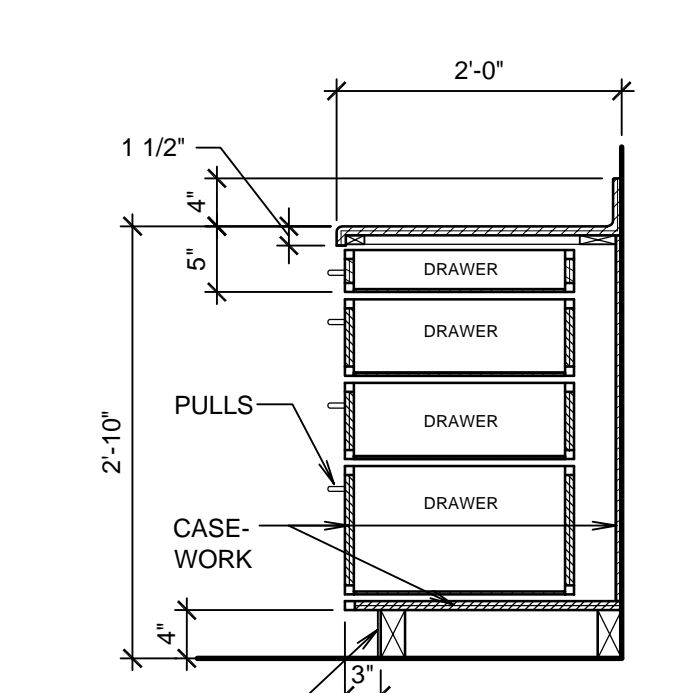
WINDOW DETAIL L
 SCALE: 3/4" = 1'-0"



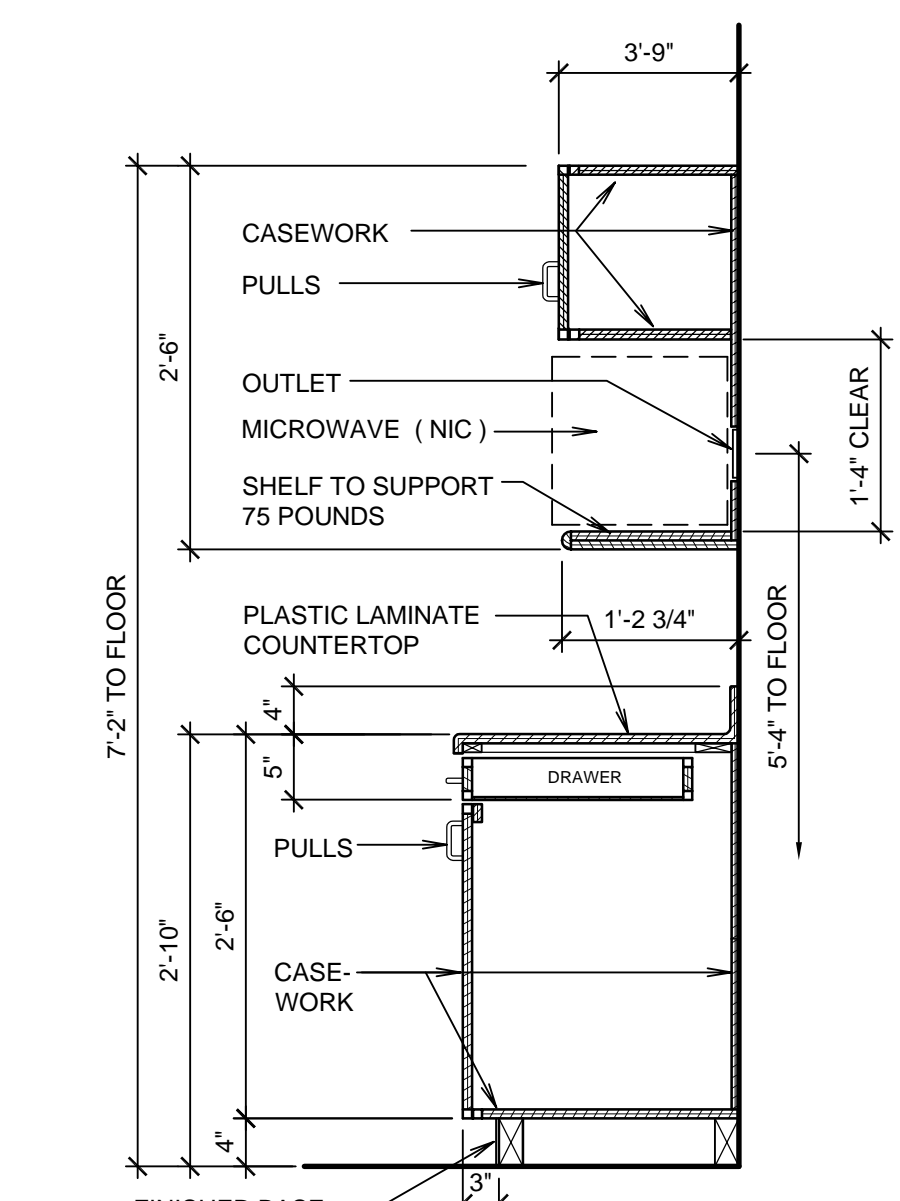
CABINET SECTION M
 SCALE: 3/4" = 1'-0"



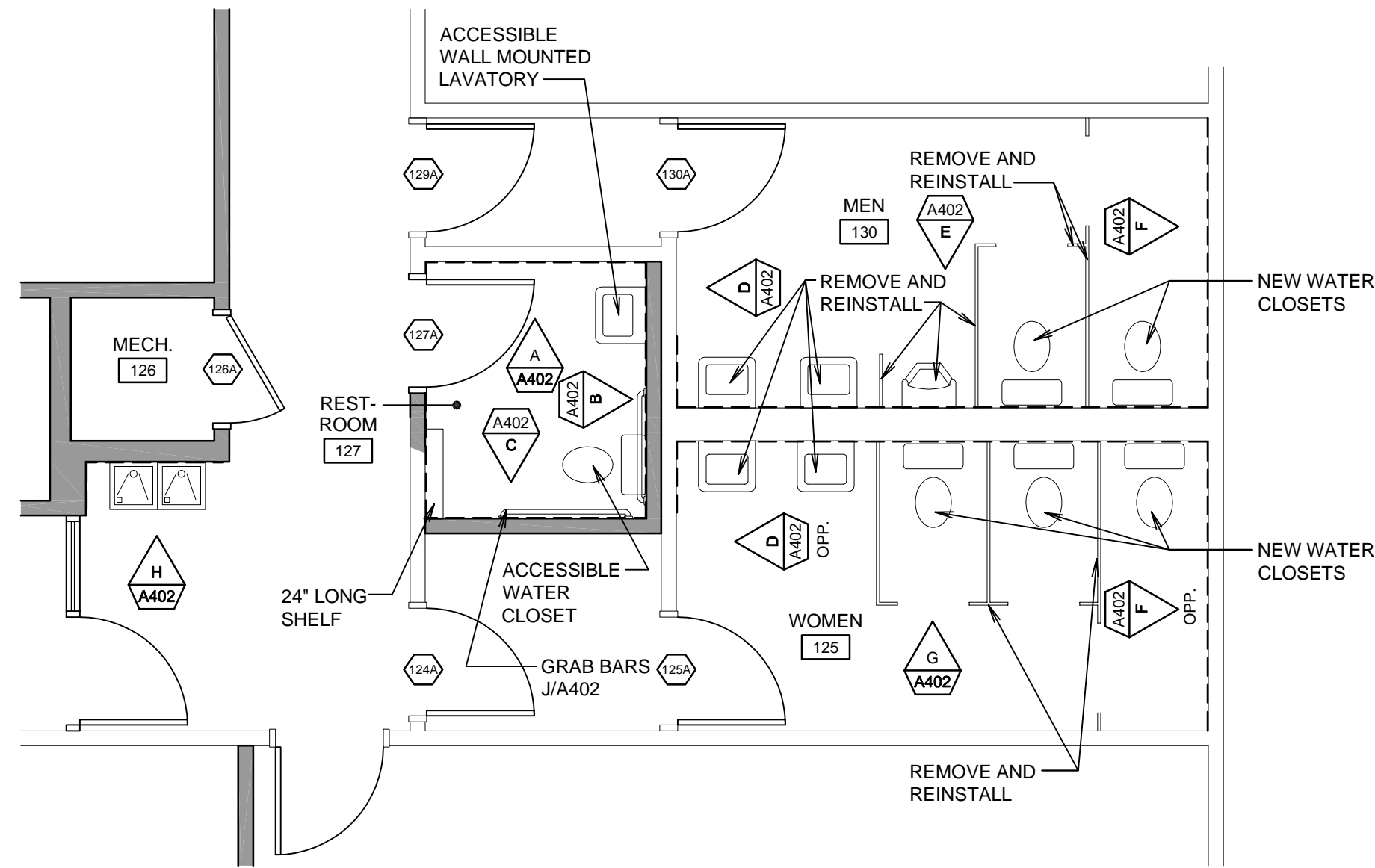
CABINET SECTION N
 SCALE: 3/4" = 1'-0"



CABINET SECTION P
 SCALE: 3/4" = 1'-0"



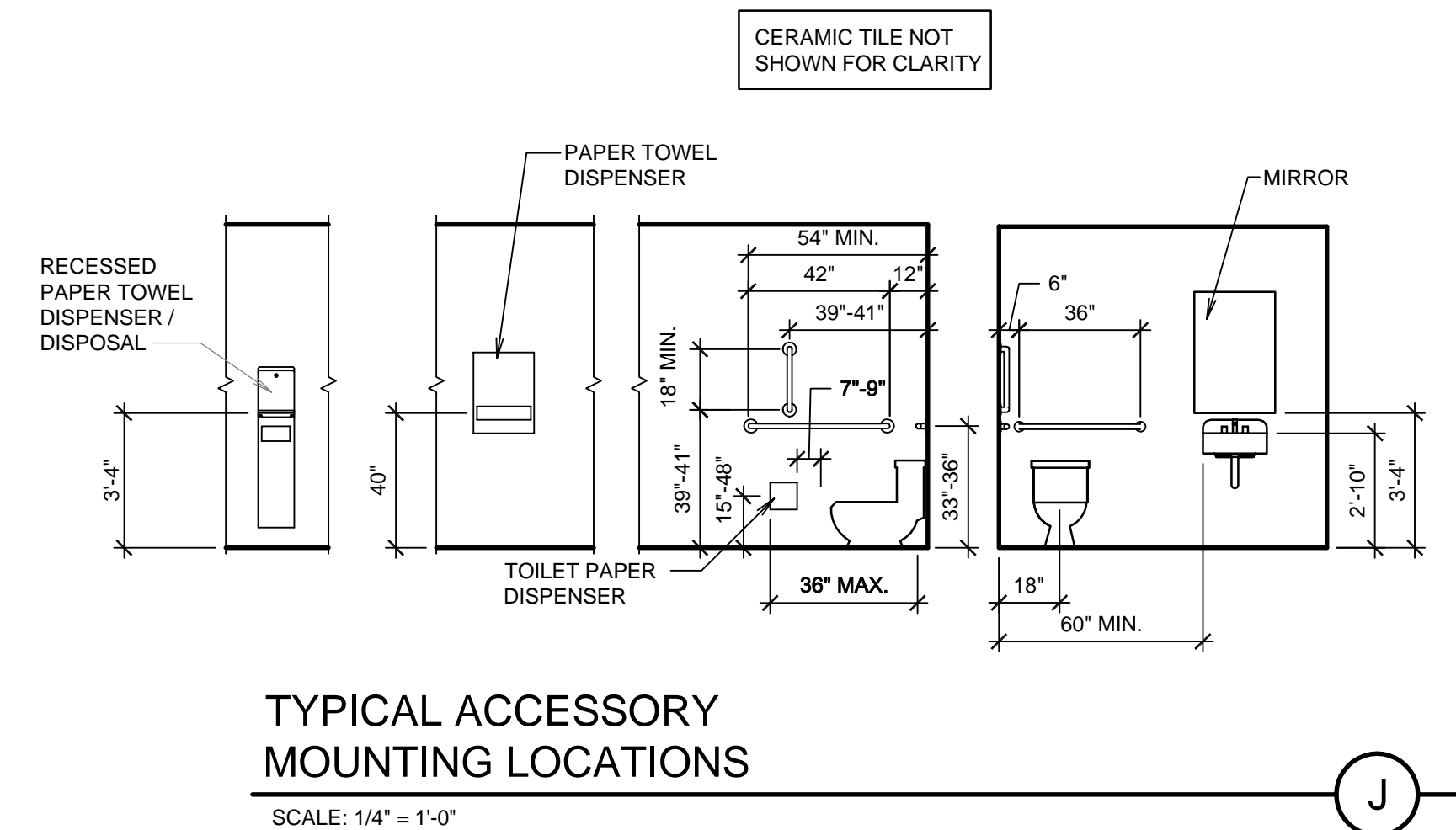
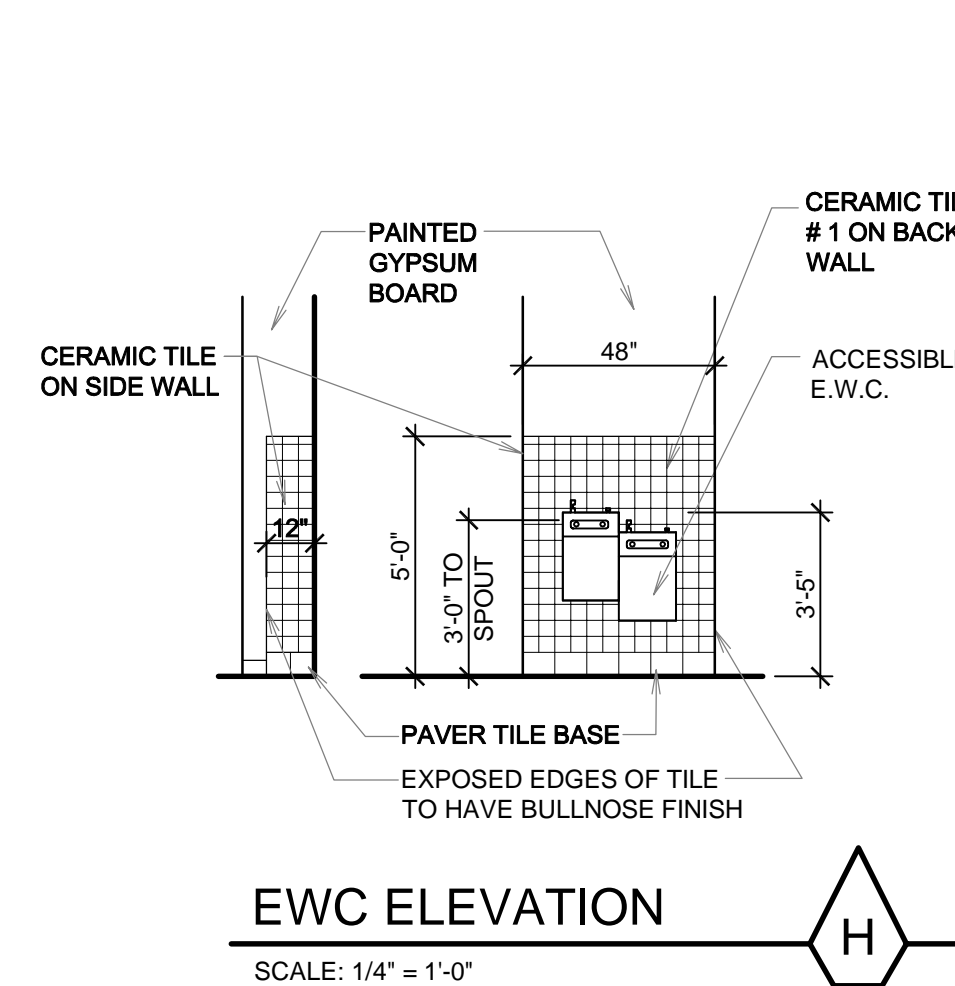
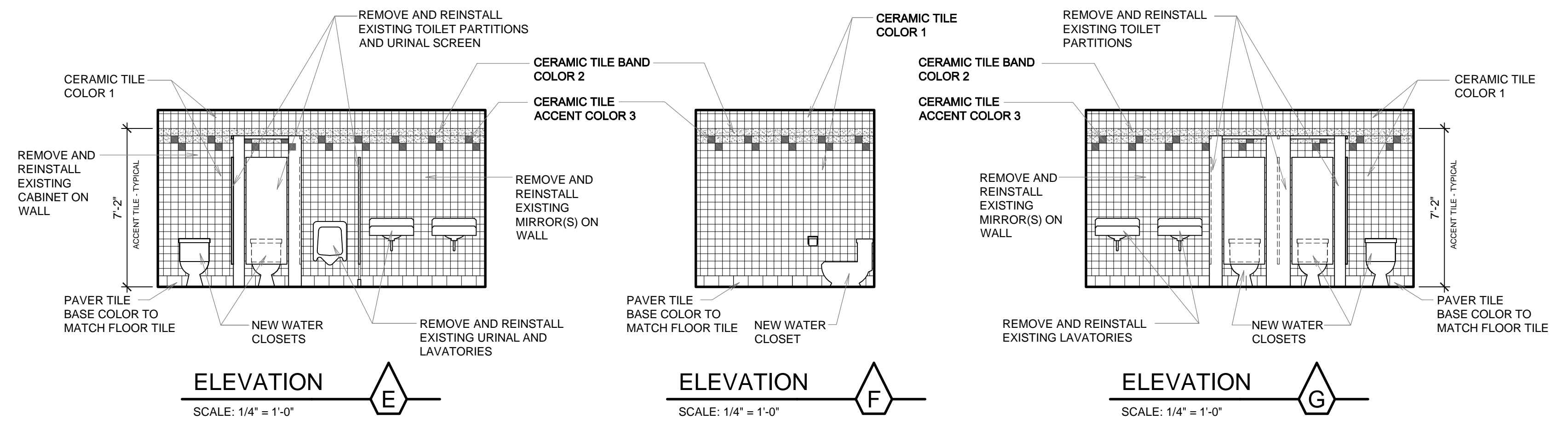
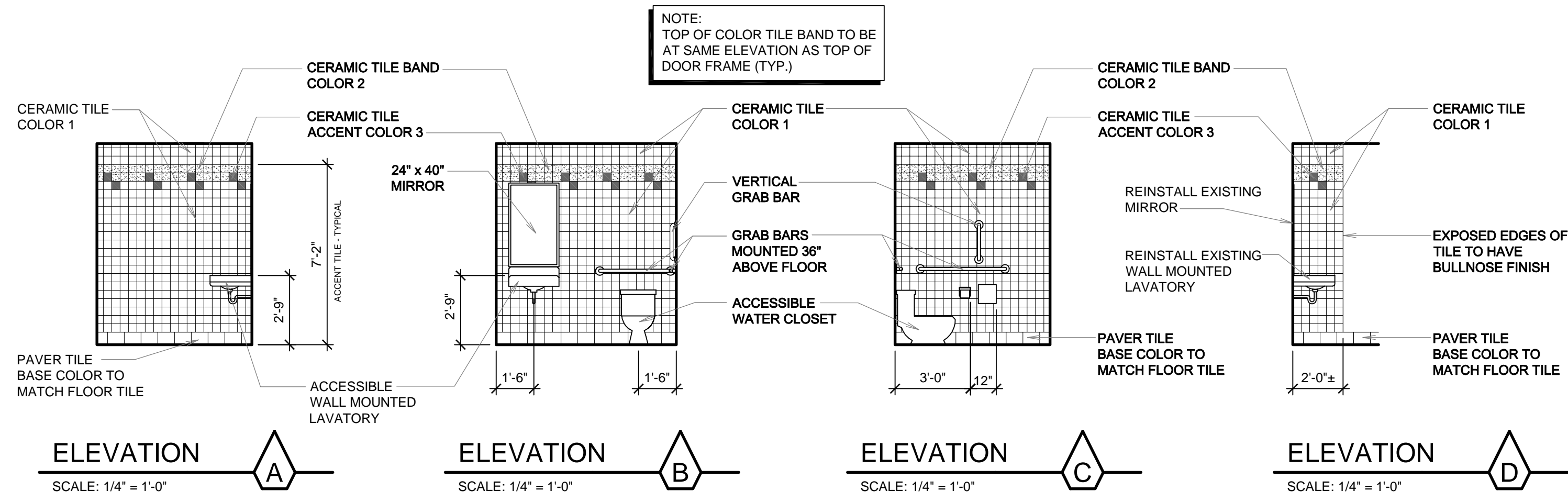
CABINET SECTION Q
 SCALE: 3/4" = 1'-0"



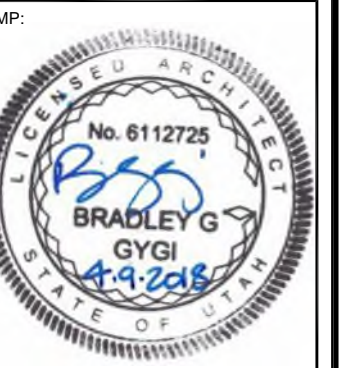
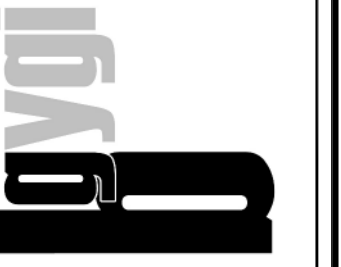
**ENLARGED FLOOR PLAN
RESTROOMS AND MECHANICAL 126**

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

1



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615 EAST 8400 SOUTH
SANDY, UT 84071

PROJECT FOR:
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OF LATTER-DAY SAINTS

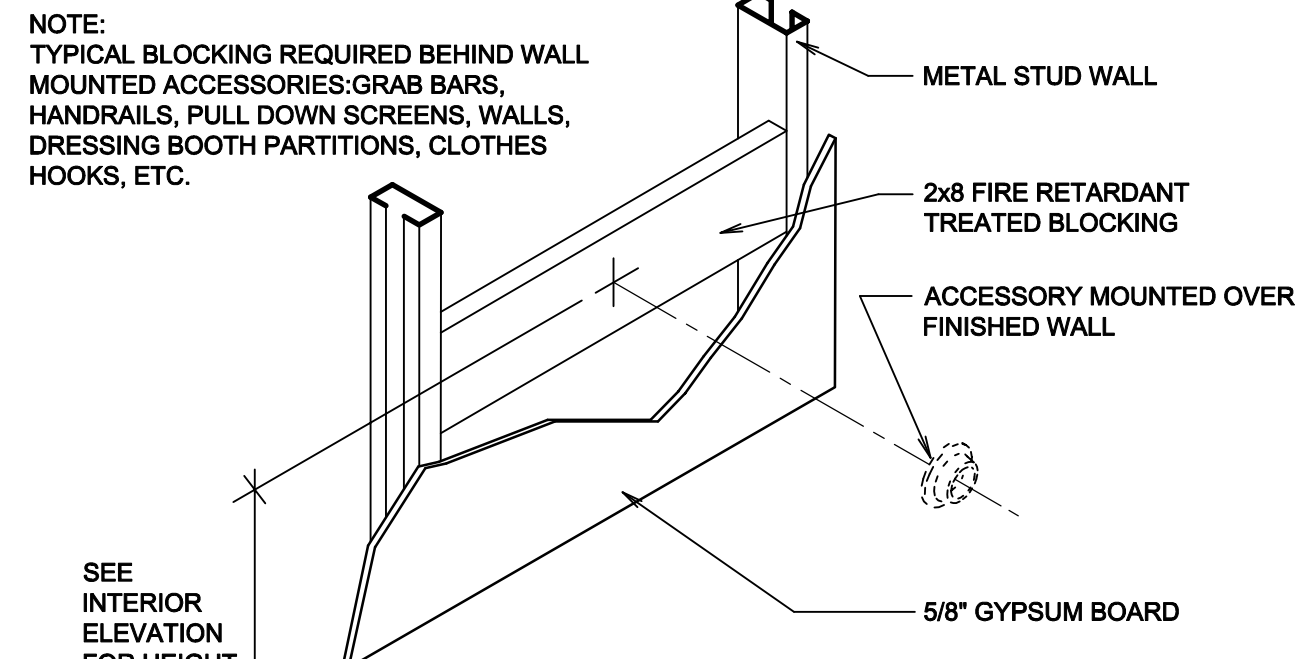
PROJECT NUMBER:
5261066-18010106
DATE:
9 APR 2018
PROPERTY NUMBER:
5261066

DRAWN BY:
BGG
CHECKED:
BGG

SHEET TITLE:
ENLARGED
RESTROOMS

SHEET:

A402

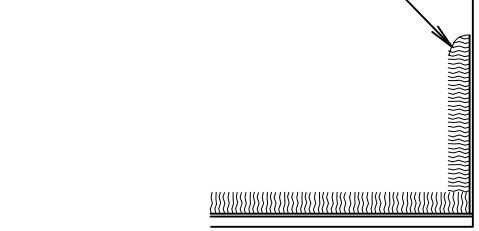


ACCESSORY MOUNTING

NO SCALE

A

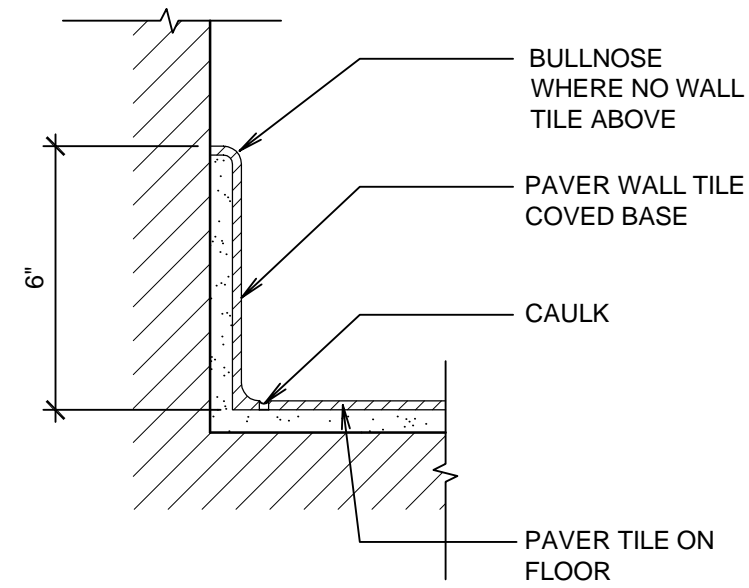
CARPET BASE W/ SELF EDGING



CARPET BASE

SCALE: 3" = 1'-0"

B



TYPICAL TILE BASE

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

C

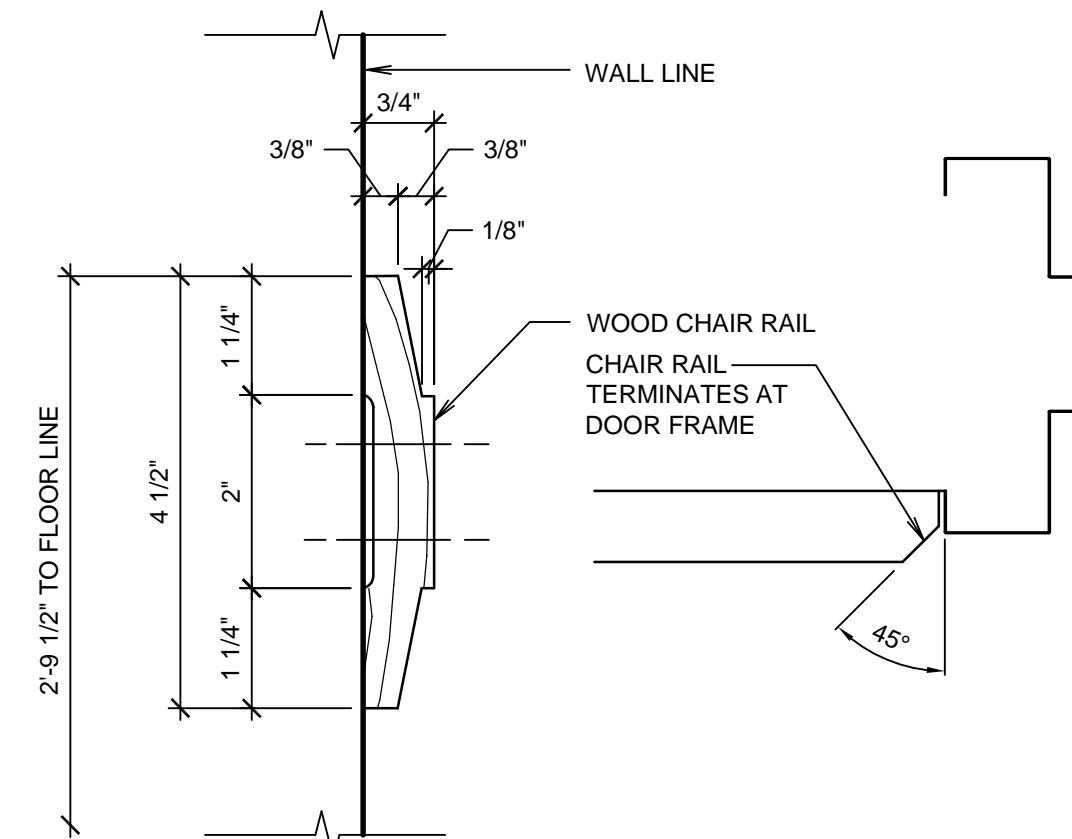
4" RUBBER BASE



RUBBER BASE

SCALE: 3" = 1'-0"

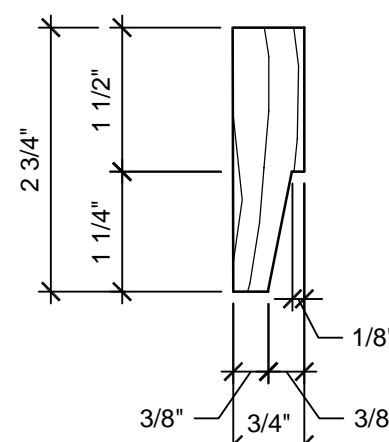
D



CHAIR RAIL

SCALE: 6" = 1'-0"

D

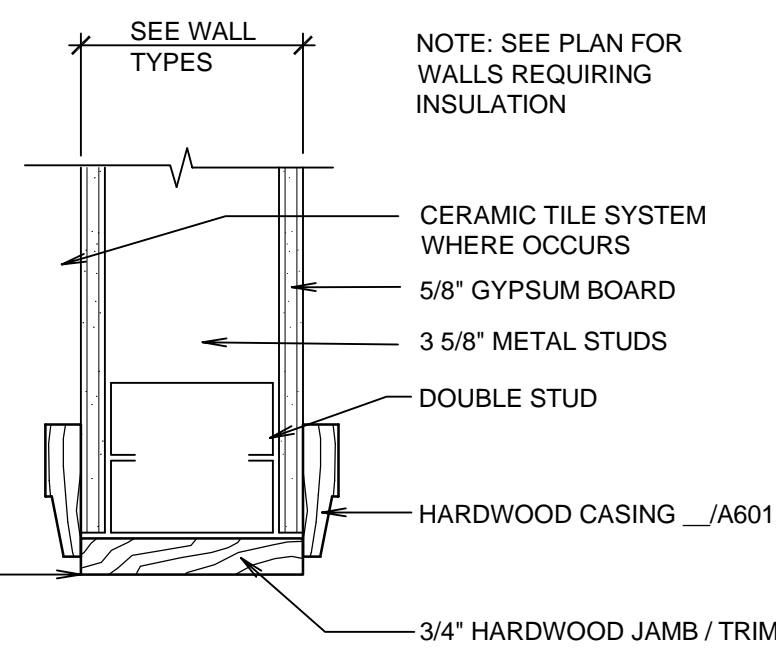


HARDWOOD CASING

SCALE: 6" = 1'-0"

E

ELEVATION OF BOTTOM OF TRIM TO BE 7'-0" AFF TO MATCH TOP OF EXISTING DOOR HEIGHT IN ADJACENT AREAS.



CASED OPENING TYPICAL HEAD / JAMB SIM.

SCALE: 3" = 1'-0"

F

FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING	CEILING HEIGHT	SPECIAL TRIM OR EQUIPMENT
MAIN LEVEL							
101	VESTIBULE	F5	B2	W3	C5	8'-0"	
102	FOYER	F1	B1	W1,W6	C1	8'-0"	S2
103	RECEPTION	F1	B1	W1	C2	8'-0"	S6
104	WAITING	F1	B1	W1	C2	8'-0"	S2,S3
105	WAITING	F1	B1	W1	C2	8'-0"	S2,S3
106	WORK ROOM	F1	B1	W1	C2	8'-0"	S6
107	BREAK ROOM	F1	B1	W1	C1	8'-0"	S2,S6,S8,S9
108	HALL	F1	B1	W1	C5	8'-0"	S2,S3
109	OFFICE	F1	B1	W1	C2	8'-0"	S2
110	OFFICE	F1	B1	W1	C2	8'-0"	S2
111	CONFERENCE ROOM	F1	B1	W1	C2	8'-0"	S2
112	OFFICE	F1	B1	W1	C2	8'-0"	S2
113	OFFICE	F1	B1	W1	C2	8'-0"	S2
114	OFFICE	F1	B1	W1	C2	8'-0"	S2
115	HALL	F1	B1	W1	C5	8'-0"	S2
116	CONFERENCE ROOM	F1	B1	W1	C2	8'-0"	S2
117	OFFICE	F1	B1	W1	C2	8'-0"	S2
118	HALL	F1	B1	W1	C5	8'-0"	
119	VESTIBULE	F2	B2	W1	C5	8'-0"	
120	CUSTODIAN	F6	B5	W7	C5	8'-0"	
121	IT ROOM	F6	B5	W7	C5	8'-0"	
122	HALL	F1	B1	W1	C5	8'-0"	S10
123	CONFERENCE ROOM	F1	B1	W1,W6	C3,C4	8'-0"	S2
124	VESTIBULE	F1	B1	W1	C5	8'-0"	
125	WOMEN	F3	B3	W4,W5	C5	8'-0"	S4,S5,S7
126	MECHANICAL	F4	B4	W2	C1	8'-0"	
127	RESTROOM	F3	B3	W5	C1	8'-0"	S4,S5
128	HALL	F1	B1	W1,W6	C5	8'-0"	S1,S2
129	VESTIBULE	F1	B1	W1	C5	8'-0"	
130	MEN	F3	B3	W4,W5	C5	8'-0"	S4,S5,S7
131	FM STORAGE	F1	B1	W1,W6	C5	8'-0"	S2
132	ROOM	F1	B1	W1,W6	C3,C4	8'-0"	S2
133	STORAGE	F1	B1	W1,W6	C1	8'-0"	S2

F FLOOR

- F1 CARPET
- F2 CARPET TILE
- F3 PAVER TILE
- F4 CONCRETE - PAINT.
- F5 EXISTING CARPET TILE - PROTECT
- F6 EXISTING TO REMAIN

B BASE

- B1 CARPET. SEE B/A601.
- B2 NEW CARPET TO MATCH CARPET TILE
- B3 COVED PAVER TILE. SEE C/A601.
- B4 4" RUBBER (VINYL NOT ACCEPTABLE). SEE D/A601.
- B5 EXISTING TO REMAIN

W WALLS

- W1 NEW OR EXISTING GYPSUM BOARD - SMOOTH FINISH AND PAINTED
- W2 NEW OR EXISTING GYPSUM BOARD - TEXTURED AND PAINTED
- W3 PATCH EXISTING GYPSUM BOARD AND PLASTER TO MATCH WHERE DISTURBED BY DEMOLITION WORK. (1) COAT KILZ COATING AT ENTIRE WALL AREA WHERE WALL COVERINGS ARE REMOVED. SMOOTH TEXTURE TO MATCH AND PAINT.
- W4 PATCH EXISTING GYPSUM BOARD AND PLASTER TO MATCH WHERE DISTURBED BY DEMOLITION WORK. (1) COAT KILZ COATING AT ENTIRE WALL AREA WHERE CERAMIC TILE IS REMOVED AND NOT REPLACED WITH NEW. TEXTURE TO MATCH AND PAINT. COORDINATE LOCATIONS WITH SHEET A402.
- W5 CERAMIC TILE ON GLASS AT GYPSUM TILE BACKER
- W6 SISAL WAINSCOT WITH WOOD WAINSCOT TRIM (D/A601). REMOVE EXISTING WHERE OCCURS.
- W7 EXISTING TO REMAIN. PATCH TO MATCH WHERE DISTURBED.

C CEILING

- C1 CEILING SUSPENSION SYSTEM WITH 5/8" GYPSUM BOARD. TEXTURE TO MATCH EXISTING AND PAINT.
- C2 24" x 48" SUSPENDED SYSTEM WITH LAY-IN ACOUSTICAL CEILING TILE.
- C3 24" x 48" SUSPENDED SYSTEM WITH LAY-IN ACOUSTICAL CEILING TILE. TIE INTO EXISTING GRID SYSTEM. REPLACE SMALLER TILES WITH SALVAGED EXISTING TILE FROM ROOMS WHERE EXISTING TILE AND GRID ARE REPLACED.
- C4 EXISTING 24" x 48" SUSPENDED SYSTEM WITH LAY-IN ACOUSTICAL CEILING TILE TO REMAIN.
- C5 EXISTING PAINTED GYPSUM BOARD TO REMAIN. PATCH TO MATCH WHERE DISTURBED BY NEW WORK AND WHERE EXISTING WORK IS REMOVED. PAINT.

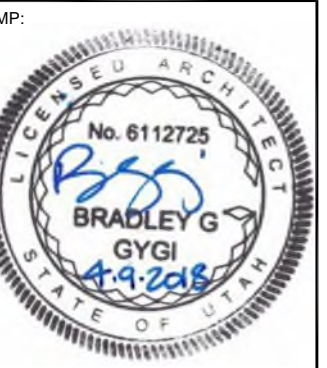
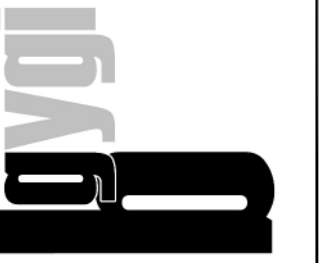
S SPECIAL TRIM OR EQUIPMENT

- S1 E.W.C. (ELECTRIC WATER COOLER)
- S2 CHAIR RAIL - D/A601
- S3 HARDWOOD CASINGS E/A601 AND JAMB F/A601
- S4 GRAB BARS AND RESTROOM ACCESSORIES - SEE J/A402
- S5 MIRROR(S)
- S6 BUILT-IN CABINETS AND COUNTERTOPS
- S7 REMOVE AND REINSTALL EXISTING TOILET COMPARTMENTS
- S8 MICROWAVE (NIC)
- S9 REFRIGERATOR (NIC)
- S10 EXISTING WATER COOLER AND TILE TO REMAIN

GENERAL FINISH NOTES:

1. AT AREAS ADJACENT TO NEW WORK, WHERE NOT SHOWN TO BE REPLACED WITH NEW, REMOVE AND REINSTALL ALL EXISTING SIGNS, VISUAL DISPLAY BOARDS, ELECTRICAL COVER PLATES, HVAC GRILLES, HANDRAILS, ETC. TO ACCOMMODATE NEW PAINTING WORK. TYPICAL AT ALL AREAS OF NEW WORK.
2. PROTECT EXISTING FINISHES WHICH ARE TO REMAIN THROUGHOUT THE CONSTRUCTION PERIOD, INCLUDING CEILING TILE, HARDWOOD FLOORS, CASEWORK, WOOD TRIM AND OTHER WORK.

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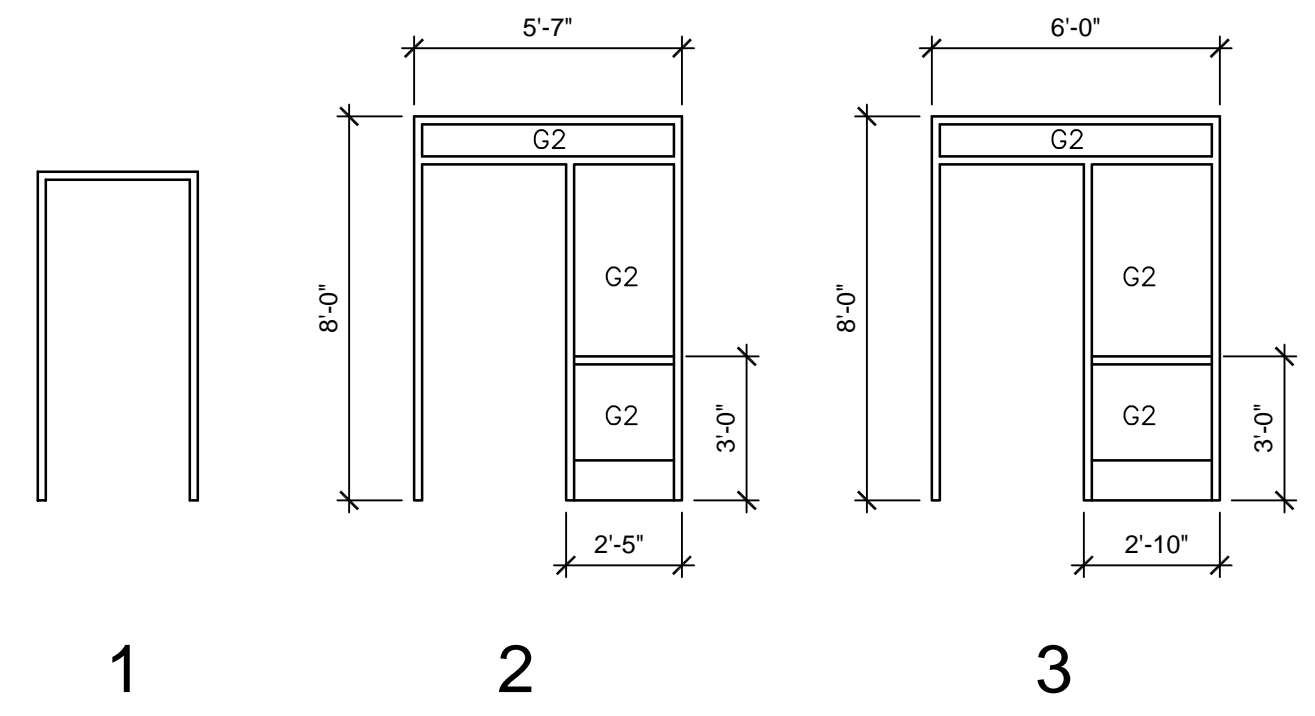
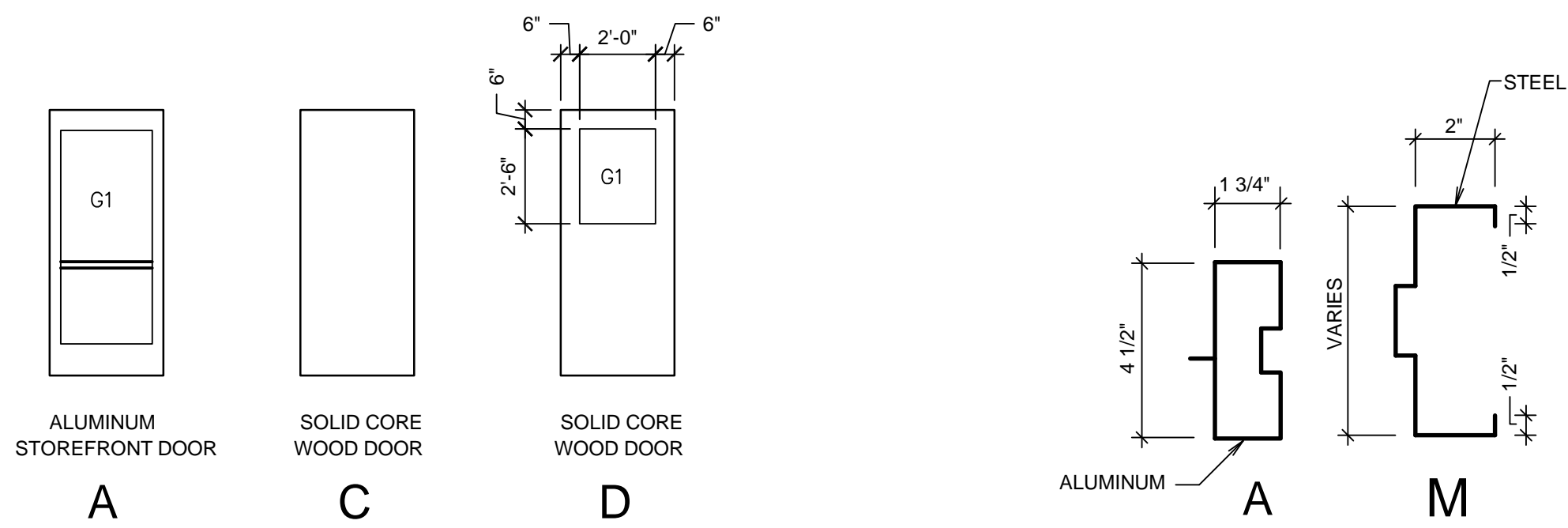
PROJECT FOR:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

PROJECT NUMBER:
5261066-18010106
DATE:
9 APR 2018
PROPERTY NUMBER:
5261066

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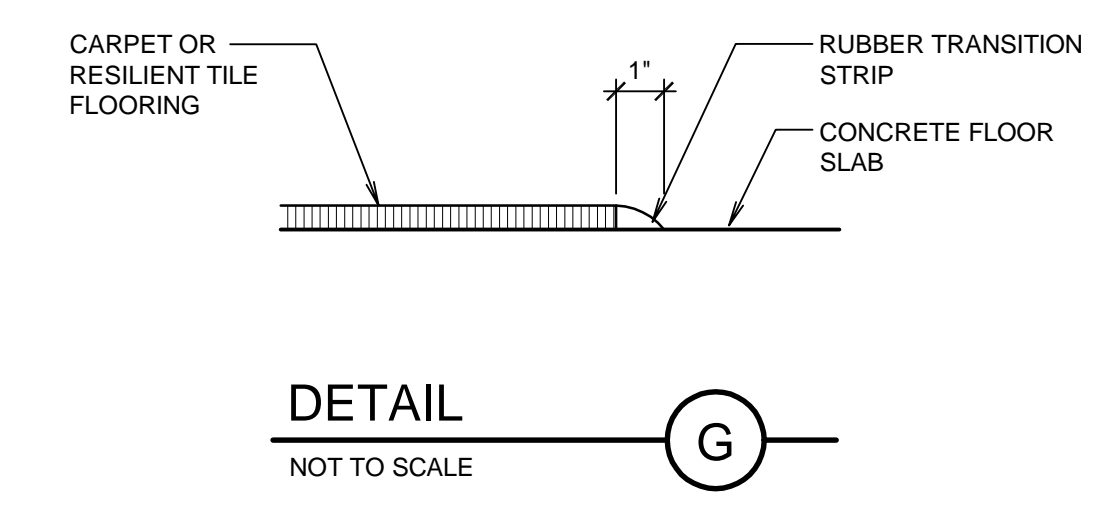
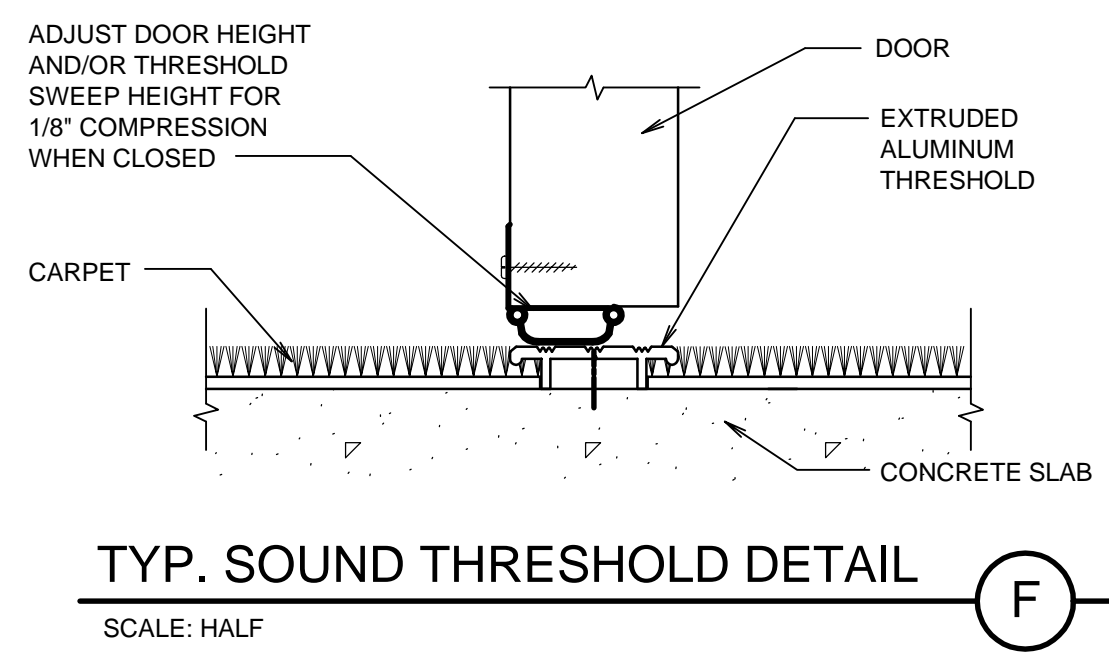
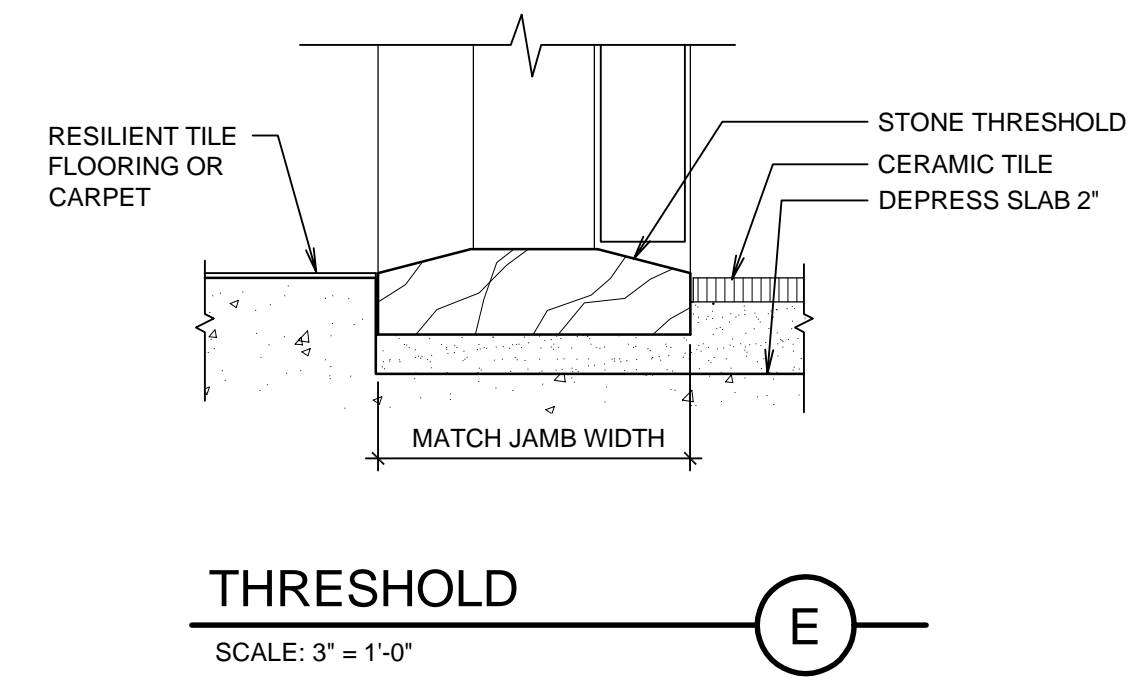
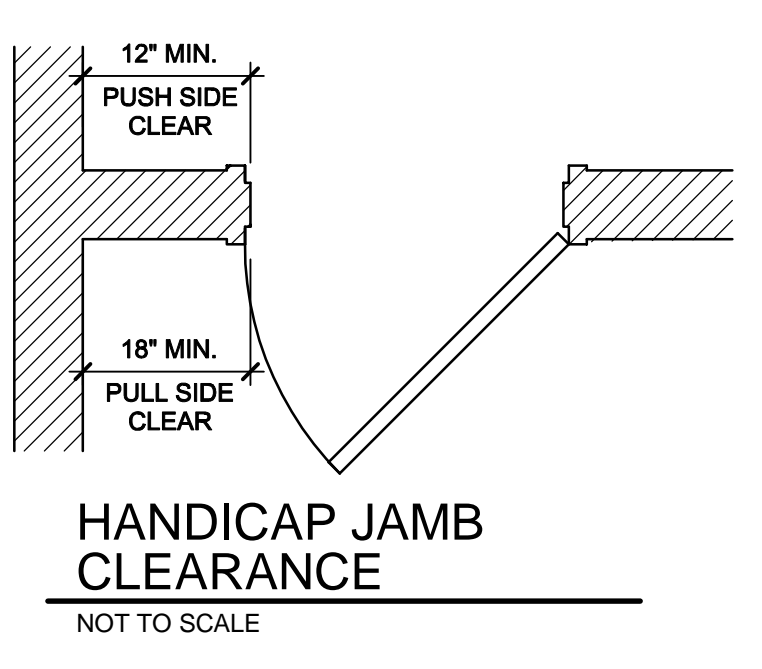
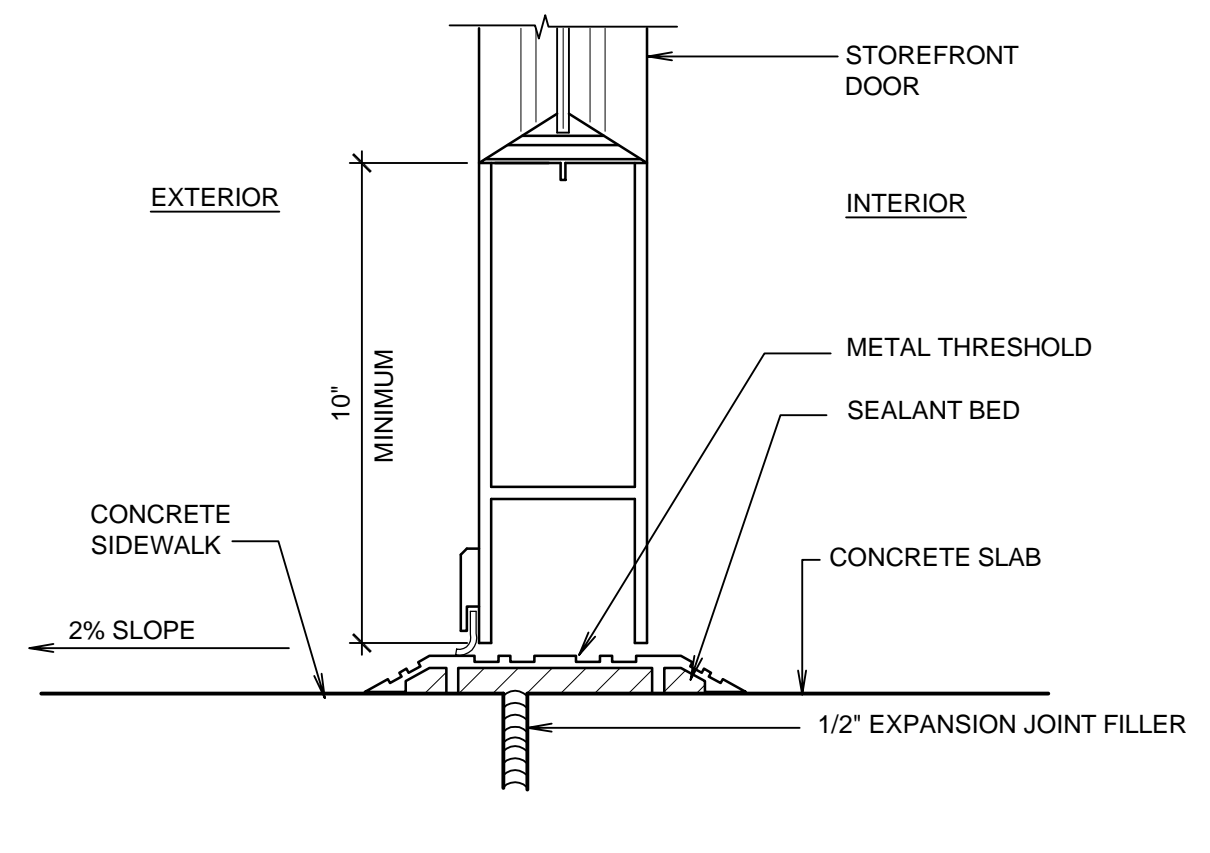
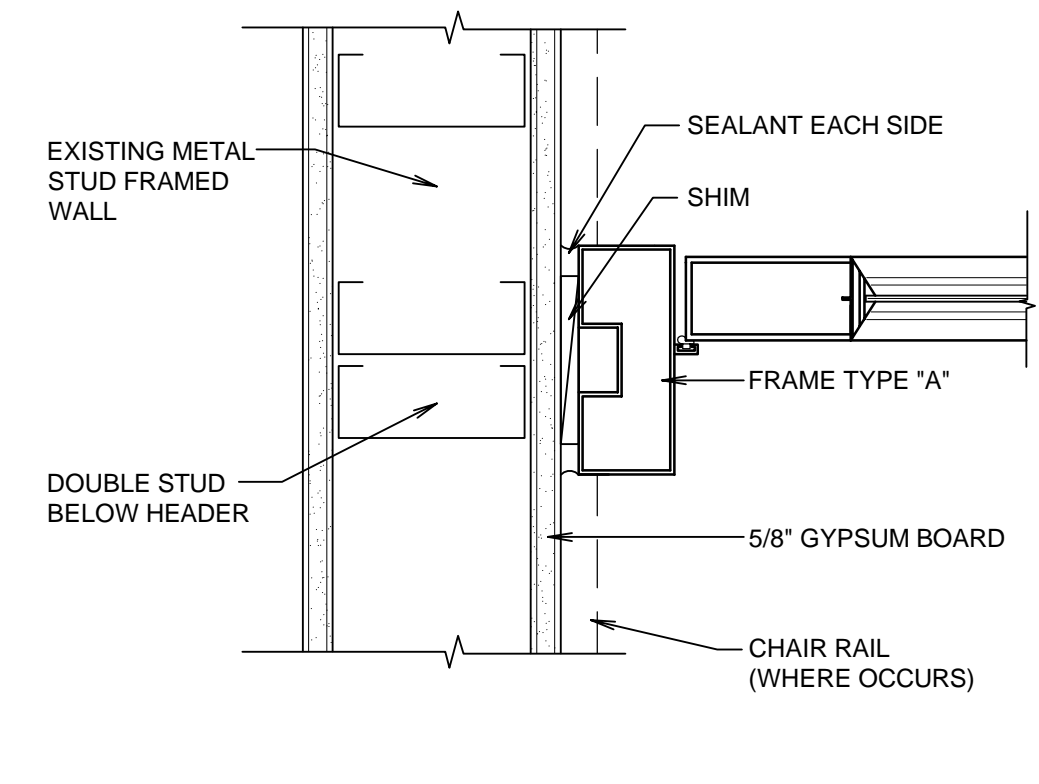
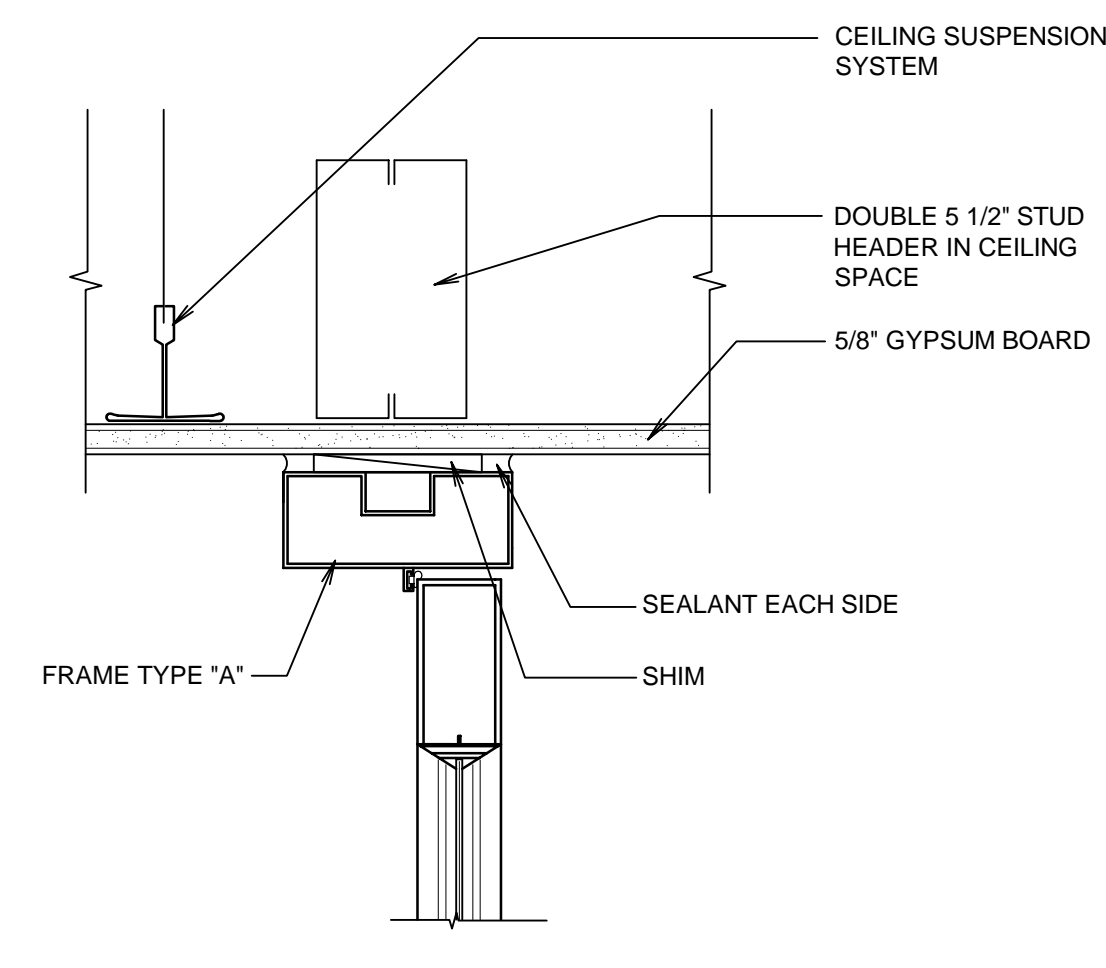
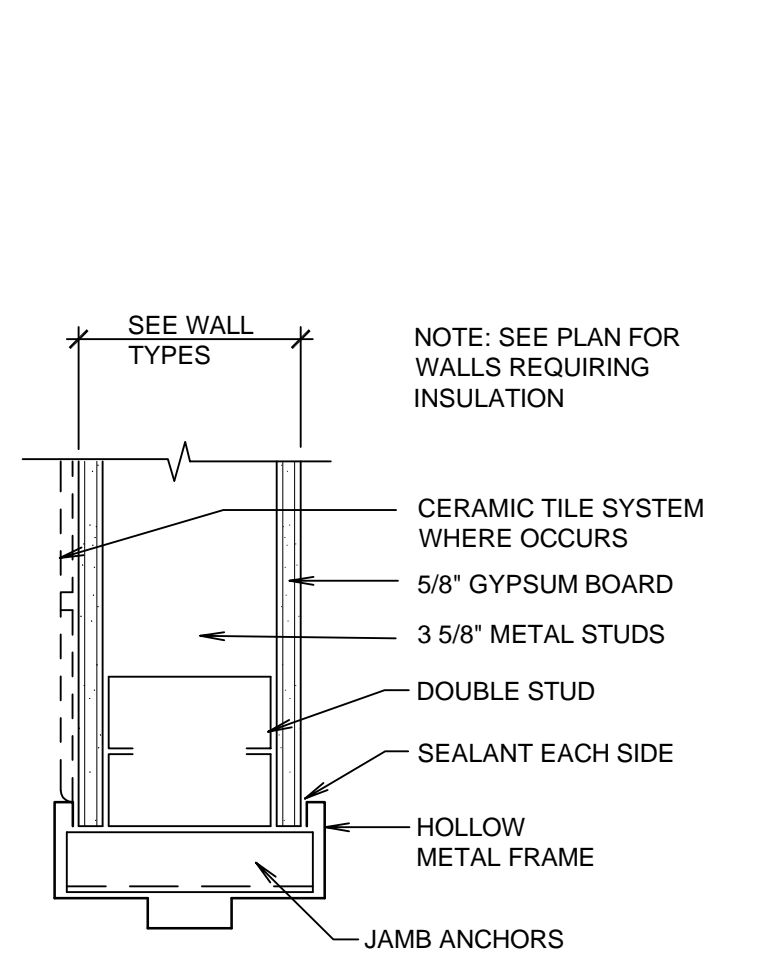
SHEET TITLE:
FINISH SCHEDULE AND DETAILS

SHEET:
A601



DOOR SCHEDULE													
MARK	ROOM	DOOR				DETAILS				HARDWARE GROUP	THRESHOLD	REMARKS	
		TYPE	SINGLE	DOUBLE	SIZE	GLASS	PROFILE	FRAME TYPE	FRAME				FRAME
										HEAD	JAMB		
MAIN LEVEL													
106A	106	C	•	S1		M	1	A/A602	A/A602 (SIM)	24			
107A	107	D	•	S1	G1	M	1	A/A602	A/A602 (SIM)	20			
108A	108	A	•	S1	G2	A	2	B/A602	C/A602	ST1		R1	
109A	109	C	•	S2				EXISTING	EXISTING	26	T3	R2	
110A	110	C	•	S2				EXISTING	EXISTING	26	T3	R2	
111A	111	D	•	S1	G1	M	1	A/A602	A/A602 (SIM)	20	T3		
112A	112	C	•	S2				EXISTING	EXISTING	26	T3	R2	
113A	113	C	•	S2				EXISTING	EXISTING	26	T3	R2	
114A	114	C	•	S2				EXISTING	EXISTING	26	T3	R2	
115A	115	C	•	S1		M	1	A/A602	A/A602 (SIM)	30B			
116A	116	D	•	S1	G1	M	1	A/A602	A/A602 (SIM)	20	T3		
117A	117	C	•	S2				EXISTING	EXISTING	26	T3	R2	
118A	118	C	•	S1		M	1	A/A602	A/A602 (SIM)	30B			
122A	122	A	•	S1	G2	A	3	B/A602	C/A602	ST1		R1	
123A	123	D	•	S2				EXISTING	EXISTING	20		R3	
124A	124	C	•	S2				EXISTING	EXISTING	28		R2	
125A	125	C	•	S2				EXISTING	EXISTING	28	T2	R2	
126A	126	C	•	S1		M	1	A/A602	A/A602 (SIM)	22A	T4		
127A	127	C	•	S1		M	1	A/A602	A/A602 (SIM)	32	T2		
129A	129	C	•	S2				EXISTING	EXISTING	28		R2	
130A	130	C	•	S2				EXISTING	EXISTING	28	T2	R2	
131A	131	C	•	S1		M	1	A/A602	A/A602 (SIM)	22			
133A	131	C	•	S1		M	1	A/A602	A/A602 (SIM)	22			

DESCRIPTION	
DOOR TYPES	GENERAL NOTES:
A ALUMINUM STOREFRONT DOOR	A. DUE TO MULTIPLE USE, SOME OF THE DETAILS REFERRED TO ON THE DOOR SCHEDULE ARE REVERSED AND/OR TURNED FROM THE DIRECTION SHOWN ON THE FLOOR PLAN. THE GENERAL INTENT OF DETAILS SHALL IN ALL CASES BE FOLLOWED AND THE ARCHITECT CONSULTED SHOULD QUESTIONS ARISE.
C 1 3/4" WOOD DOOR	B. DOORS TO BE SET TO CLEAR FINISHED FLOOR SURFACE BY 1/2" (CUT EXISTING DOORS WHERE NECESSARY).
D 1 3/4" WOOD DOOR WITH LITE	C. FIELD VERIFY ALL DOOR OPENINGS FOR SIZE OF FRAMES AND DOORS.
S SIZE	
S1 3'-0" x 7'-0" x 1 3/4"	
S2 3'-0" x 7'-0" x 1 3/4" (MATCH EXISTING)	
G GLASS	
G1 1/4" TEMPERED PLATE (SINGLE GLAZE)	
G2 1/4" TEMPERED PLATE (SINGLE GLAZE) WITH FROSTED SURFACE	
T THRESHOLD	
T1 METAL THRESHOLD - SEE D/A602	
T2 STONE THRESHOLD - SEE E/A602	
T3 ACOUSTICAL THRESHOLD - SEE E/A602	
T4 CARPET TRANSITION STRIP - SEE G/A602	
R REMARKS	
R1 WITH GLASS SIDELITE AND TRANSOM	
R2 NEW DOOR AND HARDWARE IN EXISTING METAL FRAME.	
R3 NEW DOOR AND HARDWARE IN EXISTING METAL FRAME. MODIFY EXISTING FRAME FOR NEW DOOR SWING DIRECTION.	



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 SANDY, UTAH

PROJECT FOR:
 THE CHURCH OF
 JESUS CHRIST
 OF LATTER-DAY SAINTS

PROJECT NUMBER: 5261066-18010106
DATE: 9 APR 2018
PROPERTY NUMBER: 5261066

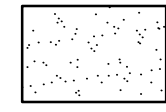
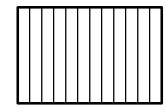
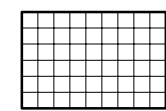
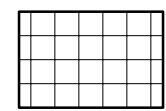
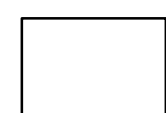
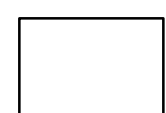
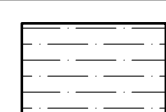
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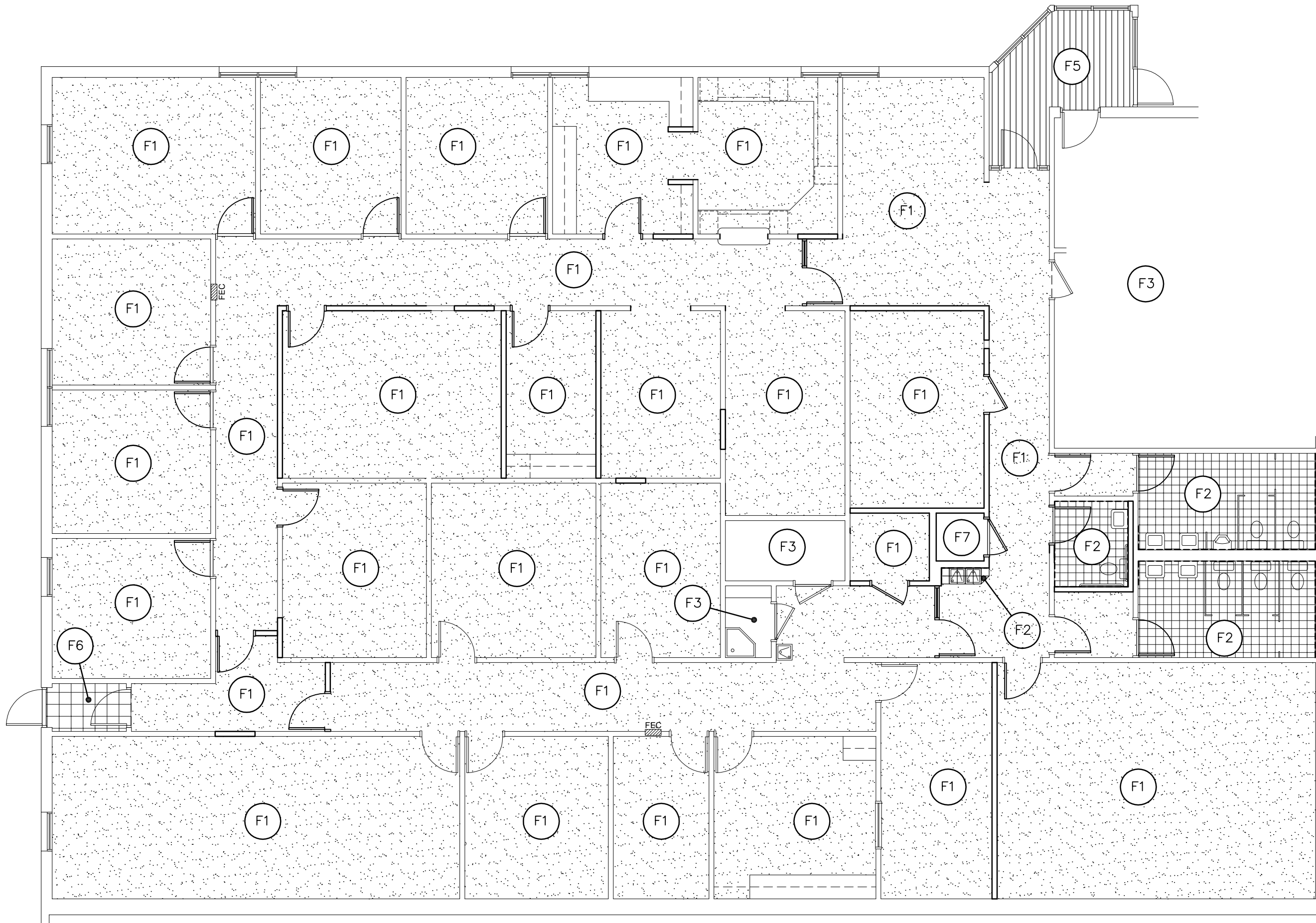
SHEET TITLE:
DOOR SCHEDULE AND DETAILS

SHEET:
A602

FURNISHINGS AND EQUIPMENT SCHEDULE						
NOTE: FOR OTHER OWNER FURNISHED, OWNER INSTALLED ITEMS REFER TO SHEETS A1.3, F3.1, AND F3.2. SEE DIVISION 01 REQUIREMENTS AND INSTRUCTIONS CONCERNING OWNER FURNISHED ITEMS.						
ITEM	FURNISHED BY	INSTALLED BY	BRAND	STYLE OR TYPE	COLOR	REMARKS
CARPET	OWNER	OWNER	SEE DIV. 09			CONTRACTOR TO PROVIDE FLOOR PREPARATION
MODULAR FURNITURE	OWNER	OWNER				
ROOM SIGNAGE	OWNER	CONTRACTOR	SEE DIV. 10	SEE SHEET F201		
FIRE EXTINGUISHERS						EXISTING TO REMAIN
SECURITY	OWNER	OWNER				
MICROWAVE	OWNER	CONTRACTOR		SEE SHEET A401		
REFRIGERATOR	OWNER	OWNER				

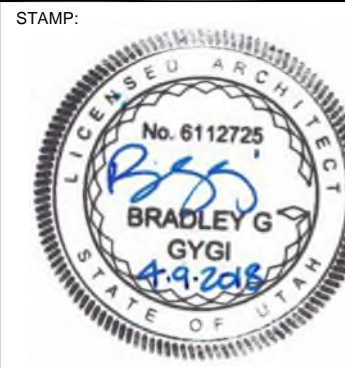
OFFICE FURNITURE
EQUIPMENT/FURNITURE VENDOR TO PROVIDE FINISHED LAYOUT DRAWINGS

FLOOR FINISHES LEGEND			
	F1 CARPET		F5 EXISTING CARPET TILE
	F2 PAVER TILE		F6 CARPET TILE
	F3 EXISTING TO REMAIN		F7 CONCRETE - PAINTED
	F4 NOT USED		



FLOOR FINISHES PLAN
SCALE: 1/8" = 1'-0"

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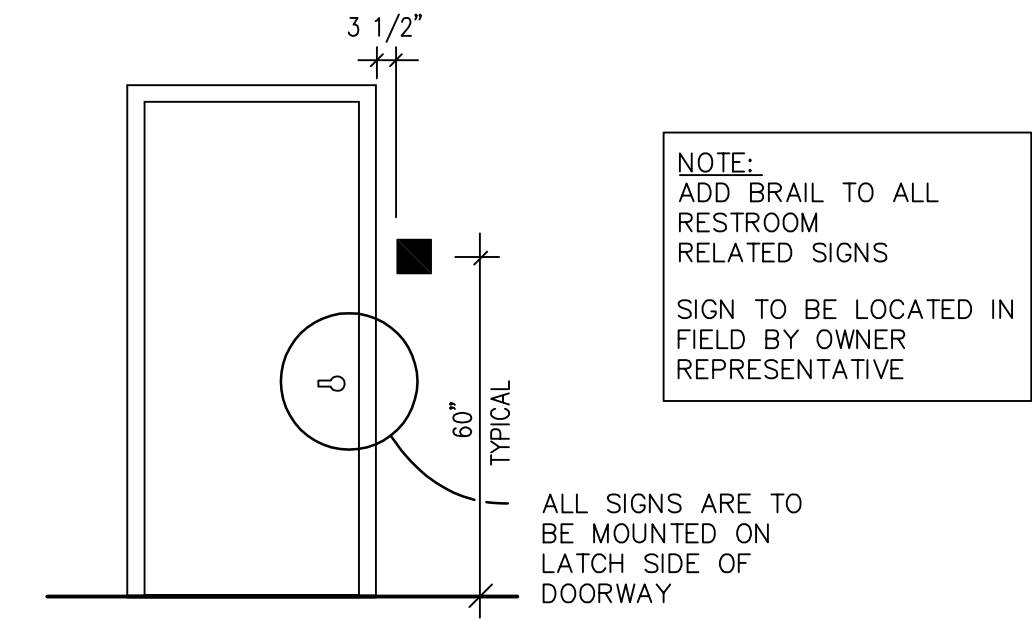
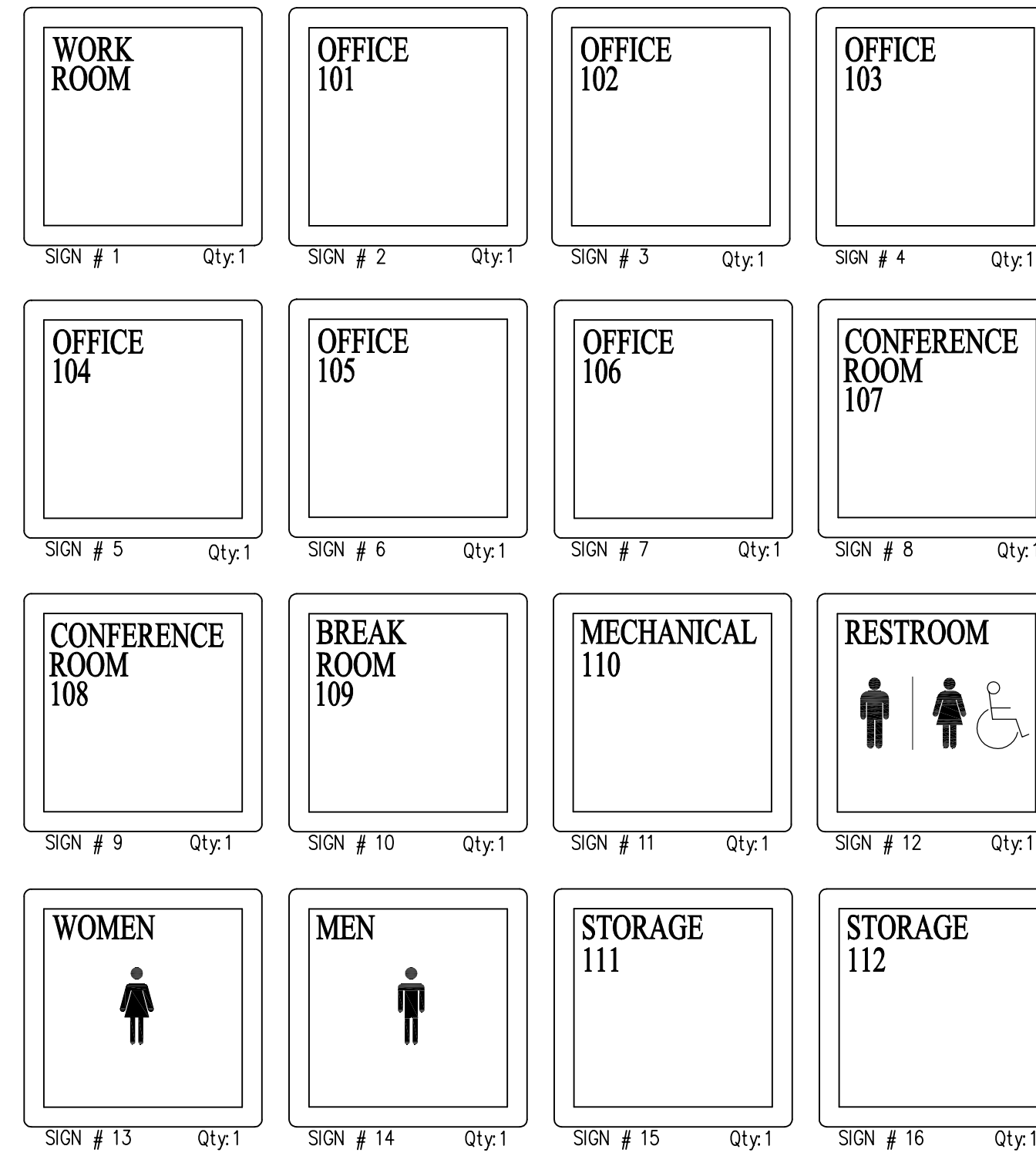
PROJECT FOR:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

PROJECT NUMBER:
5261066-18010106
DATE:
9 APR 2018
PROPERTY NUMBER:
5261066

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SHEET TITLE:
FLOOR FINISH
PLAN

SHEET:
F101



B SIGN INSTALLATION ELEVATION
NO SCALE

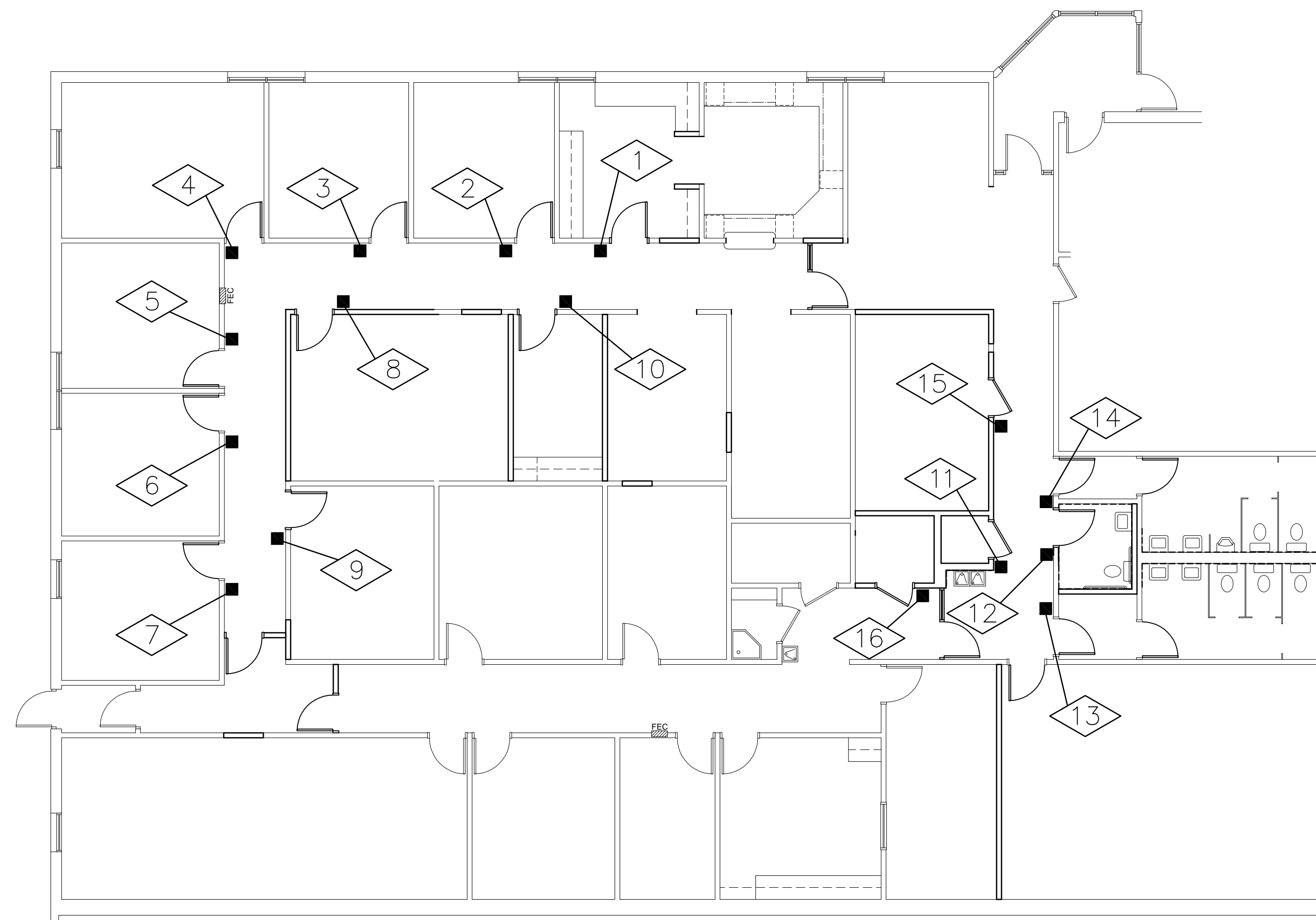
Doors to Remain Unlocked During Business Hours

SIGN #18 Qty: 1
ALUMINUM SIGN - RED BORDER/LETTER WITH WHITE BACKGROUND

GENERAL NOTES

ALL SIGNS ARE PROVIDED BY OWNER EXCEPT WHERE NOTED.
ARTWORK TO BE PROVIDED BY THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS GRAPHICS DIVISION TO:
DESERET MANUFACTURING
1680 SOUTH INDUSTRIAL ROAD
SALT LAKE CITY, UTAH 84104
DESERET MANUFACTURING TO FABRICATE AND DELIVER TO PROJECT MANAGER.

A SIGN ELEVATIONS
NO SCALE

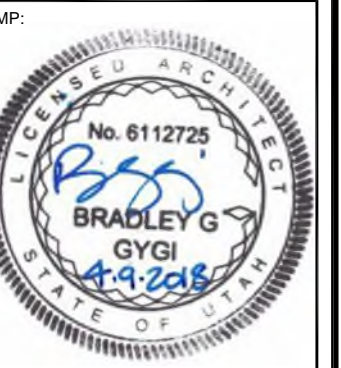
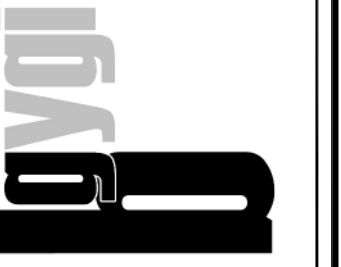


ROOM SIGNAGE PLAN

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

1

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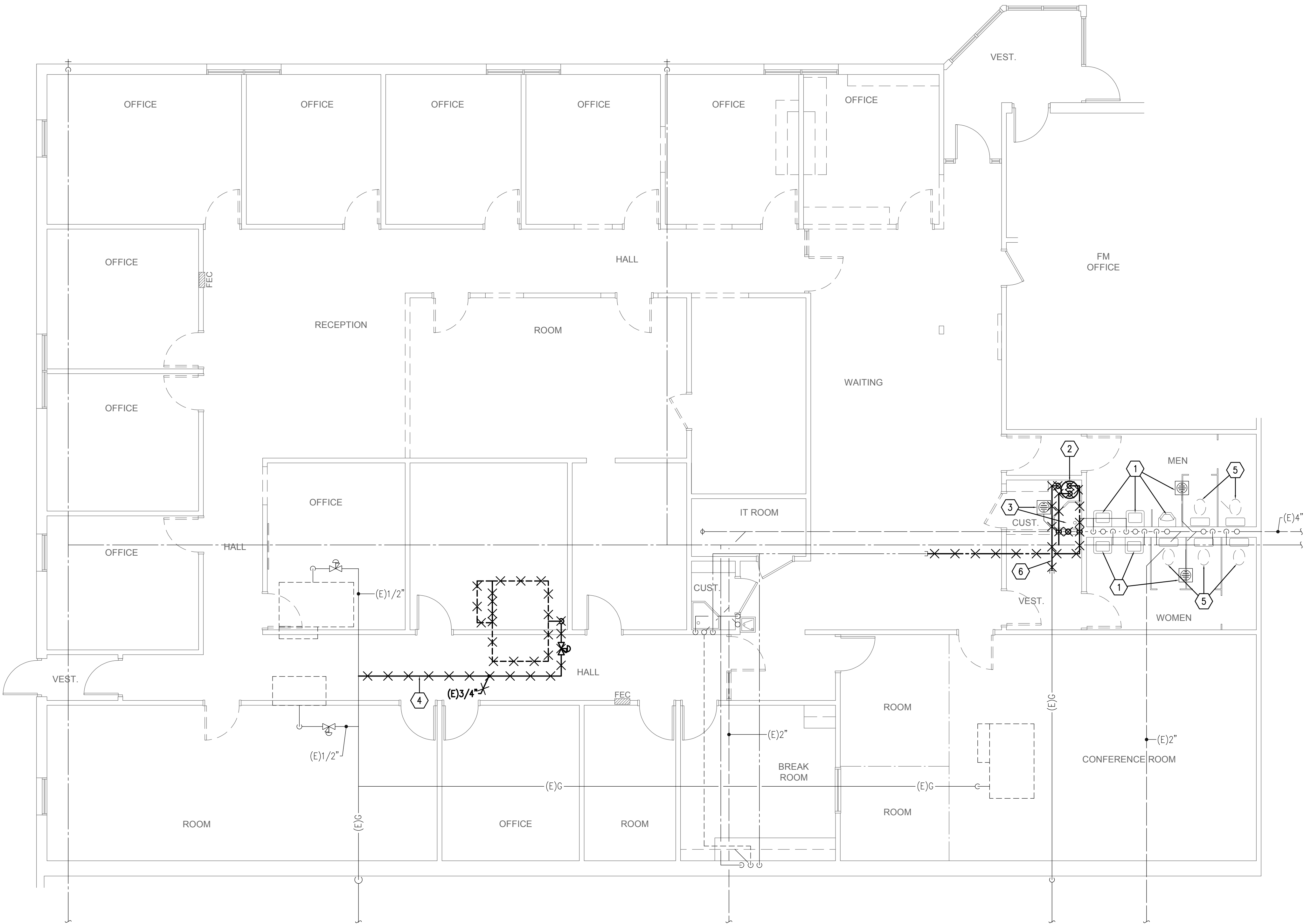
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SHEET TITLE:
ROOM
SIGNAGE PLAN
AND DETAILS

SHEET:
F201

RELOCATE/OR REMOVE AND REINSTALL, ANY PIPING OR PLUMBING FIXTURES OR DEVICES WHICH ARE ENCOUNTERED DURING DEMOLITION WHICH CONFLICT WITH THE NEW CONSTRUCTION OR WHICH ARE TO ACCOMMODATE THE NEW CONSTRUCTION. THE PIPING, DEVICES, OR FIXTURES ARE TO BE RELOCATED TO ACCOMMODATE THE NEW CONSTRUCTION AND SERVICE SHALL BE MAINTAINED FOR ITS FUNCTION. REMOVE DEVICE COVERS OR FIXTURES WHICH CONFLICT WITH THE NEW CONSTRUCTION AND REINSTALL THE SAME AFTER OTHER TRADES HAVE COMPLETED THEIR WORK.

L E G E N D			
SYMBOL OR ABBREVIATION	MEANING	SYMBOL OR ABBREVIATION	MEANING
HOT WATER LINE	— — — — —	EXISTING PIPE TO BE REMOVED	× × × × ×
GAS	— G —	WALL CLEANOUT	WCO
COLD WATER LINE	— — — — —	CLEANOUT	CO
VENT LINE	- - - - -	FLOOR CLEANOUT	FCO
WASTE LINE	— — — — —	BALL VALVE	⊕
VENT THRU ROOF	VTR	UNION	— — —
		EXISTING FIXTURE TO BE REMOVED	⊗



- GENERAL NOTES**
- IF CONTRACTOR ENCOUNTERS MATERIAL THAT MAY CONTAIN ASBESTOS, HE SHALL IMMEDIATELY STOP WORK IN THIS AREA AND NOTIFY OWNER.
 - EXISTING PIPE LOCATIONS AND PIPE SIZES SHOWN HAVE BEEN TAKEN FROM EXISTING DRAWINGS. CONTRACTOR IS TO FIELD DETERMINE EXACT SIZE, ELEVATION AND LOCATION OF EXISTING PIPING INSIDE THE BUILDING AT SPECIFIED CONNECTION POINTS PRIOR TO STARTING ANY WORK.
 - SAW CUT OR CORE DRILL ALL NEW PENETRATIONS THROUGH EXISTING MASONRY CONSTRUCTION.
 - PATCH AND REPAIR ALL EXISTING SURFACES DAMAGED BY NEW CONSTRUCTION TO MATCH EXISTING.
 - DEMOLITION - GENERAL:
 - REMOVE ALL RELATED PIPING AND APPURTENANCES.
 - REMOVE BRANCH PIPING COMPLETELY AND CAP IN MAIN.
 - PATCH AND REPAIR ALL EXISTING SURFACES (WALL, ROOF, FLOOR, CEILING, ETC.) TO MATCH EXISTING.
 - REMODEL - GENERAL:
 - CONCEAL ALL PIPING EQUIPMENT, AND APPURTENANCES UNLESS OTHERWISE NOTED.
 - REMOVE EXISTING SURFACES (WALL, ROOF, FLOOR, CEILING, ETC.) AS REQUIRED AND REPLACE TO MATCH EXISTING.
 - REFER TO MECHANICAL SHEETS FOR ANY ADDITIONAL WORK.
 - ALL PLUMBING SHALL COMPLY WITH THE MOST STRINGENT OF APPLICABLE CODES, ORDINANCES OR THE SPECIFICATIONS.
 - ALL FIXTURES SHALL BE PROPERLY VENTED TO THE ATMOSPHERE.
 - PROTECT ALL PLUMBING PIPING WHICH IS TO REMAIN DURING ALL CONSTRUCTION ACTIVITIES.

- KEYED NOTES**
- REMOVE AND STORE EXISTING PLUMBING FIXTURES FOR RE-INSTALLATION AFTER RE-TILE WORK. PROTECT ALL PLUMBING PIPING ROUGH-IN'S DURING CONSTRUCTION.
 - REMOVE EXISTING GAS-FIRED WATER HEATER FOR REPLACEMENT AND RE-LOCATION. REMOVE DOMESTIC WATER BRANCH PIPING BACK TO MAINS OR AS SHOWN AND CAP.
 - REMOVE EXISTING PLUMBING FIXTURE. REMOVE RELATED WASTE, VENT, AND SUPPLY PIPING BACK TO MAINS. REFER TO NEW PLUMBING PLANS FOR NEW PIPING CONNECTIONS. FIELD VERIFY ALL EXISTING LOCATIONS.
 - REMOVE EXISTING BRANCH GAS PIPING ON ROOF BACK TO MAIN AND CAP.
 - REMOVE EXISTING WATER CLOSET FOR REPLACEMENT.
 - REMOVE EXISTING BRANCH GAS ABOVE CEILING AS SHOWN FOR EXTENSION TO NEW GAS-FIRED WATER HEATER LOCATION.

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gygi

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 LICENSED PROFESSIONAL ENGINEER
 No. 190991
 BENJAMIN L. DAVIS
 STATE OF UTAH

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 615 EAST 8400 SOUTH
 SANDY, UTAH

PROJECT FOR:
 THE CHURCH OF
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 OF LATTER-DAY SAINTS

PROJECT NUMBER: 5261066-18010106
DATE: 12 APR 2018
PROPERTY NUMBER: 5261066
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SHEET TITLE:
**PLUMBING
 DEMOLITION
 PLAN**

SHEET:
PD101

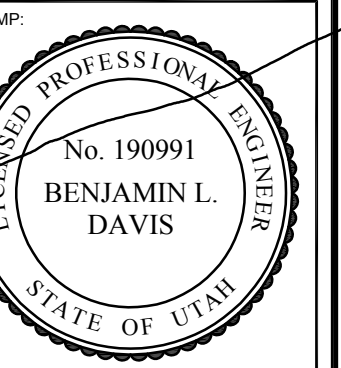
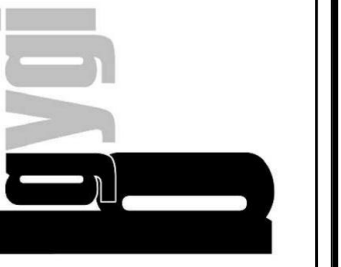
PLUMBING DEMOLITION PLAN 1
 SCALE: 3/16" = 1'-0"
 0' 4' 12'

VAN BOERUM & FRANK ASSOCIATES, INC.
 CONSULTING ENGINEERS
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 330 South 300 East 801.530.3148 T
 Salt Lake City, UT 84111 801.530.3150 F
 VBFA Project Number: 18129

KEYED NOTES

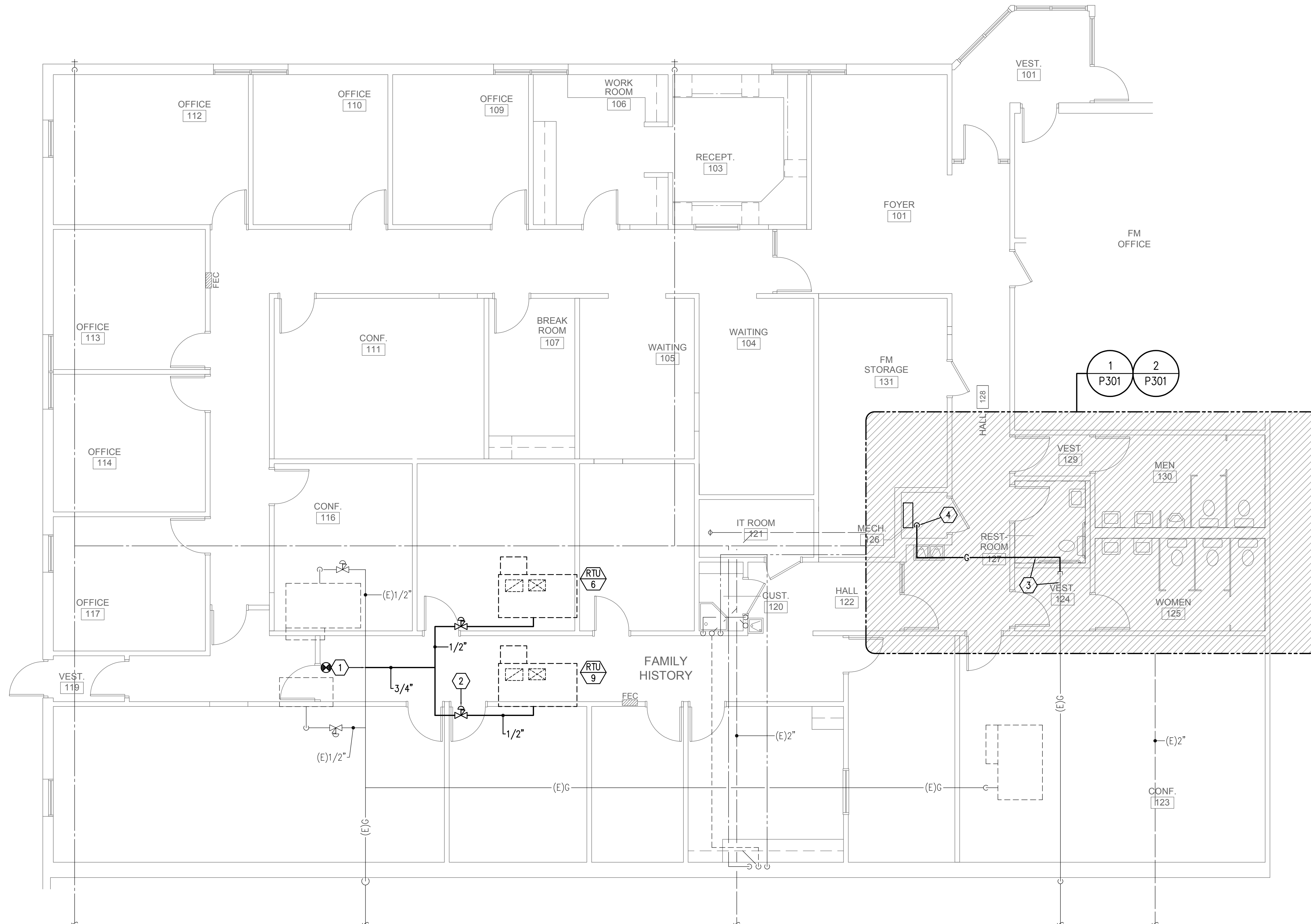
- CONNECT NEW 3/4" GAS LINE TO EXISTING ON ROOF AND ROUTE TO NEW RTU'S.
- NEW GAS REGULATOR (2 PSI TO 4 OZ.), TYPICAL.
- EXTEND EXISTING 1/2" (2 PSI) GAS BRANCH PIPING ABOVE CEILING TO NEW WATER HEATER LOCATION.
- DROP 1/2" GAS BRANCH PIPING DOWN TO NEW WATER HEATER. PROVIDE 2 PSI TO 4 OZ. PRESSURE REGULATOR.

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615 EAST 8400 SOUTH
SANDY, UTAH

PROJECT FOR:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS



PLUMBING PLAN

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



1

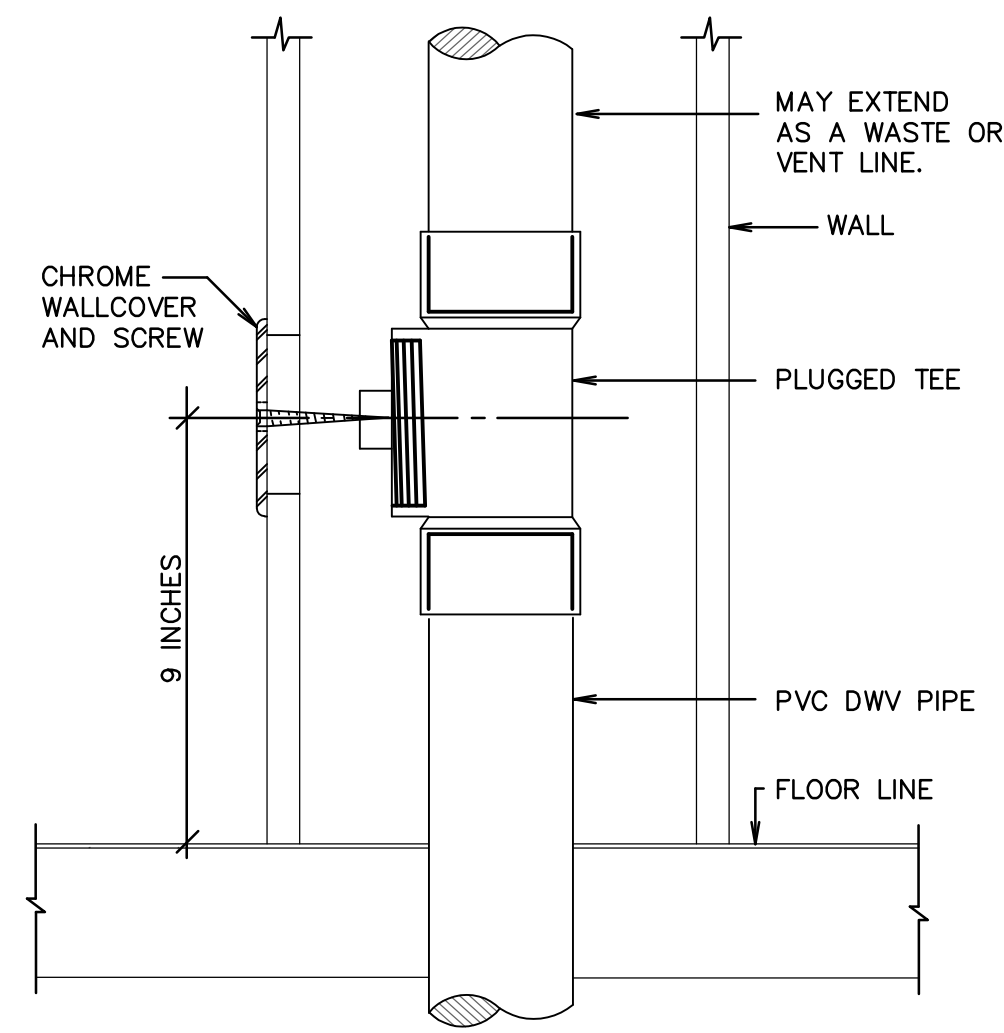
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VBFA Project Number: 18129

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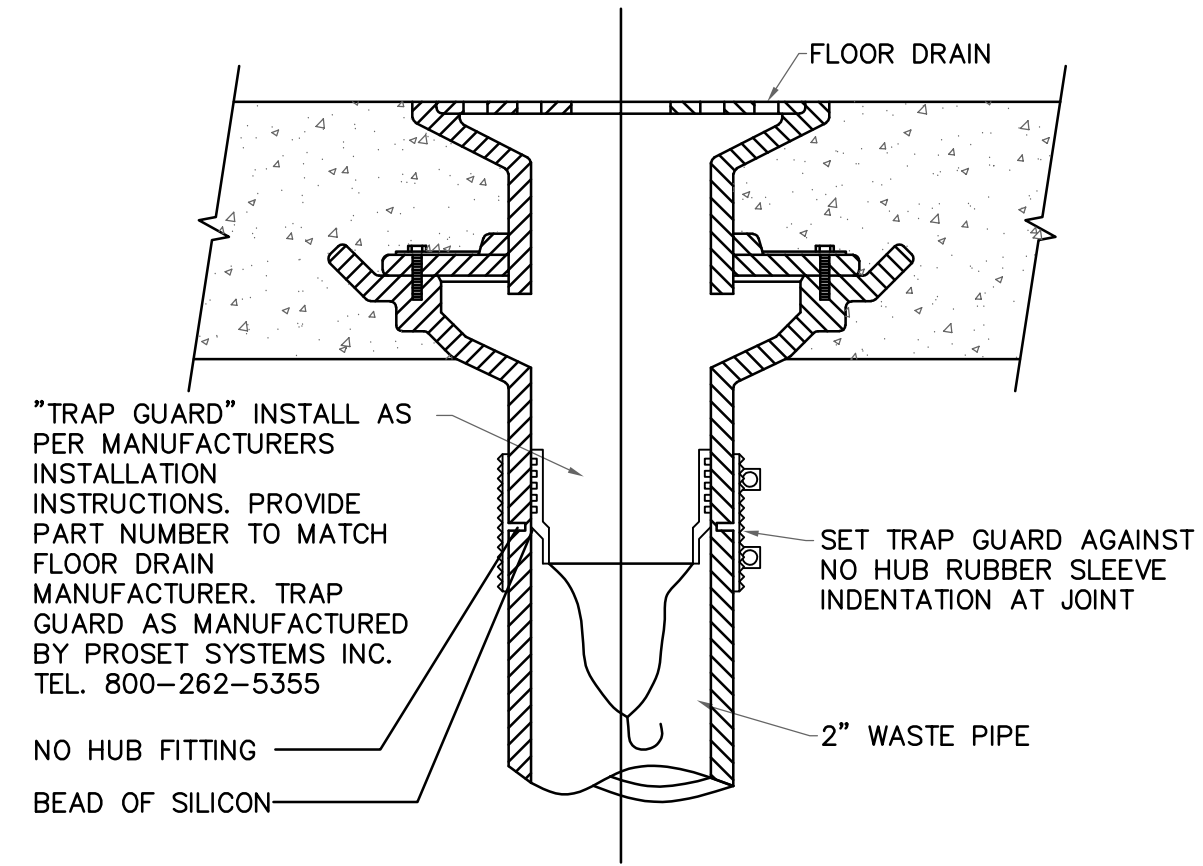
SHEET TITLE:
PLUMBING
PLANS

SHEET:

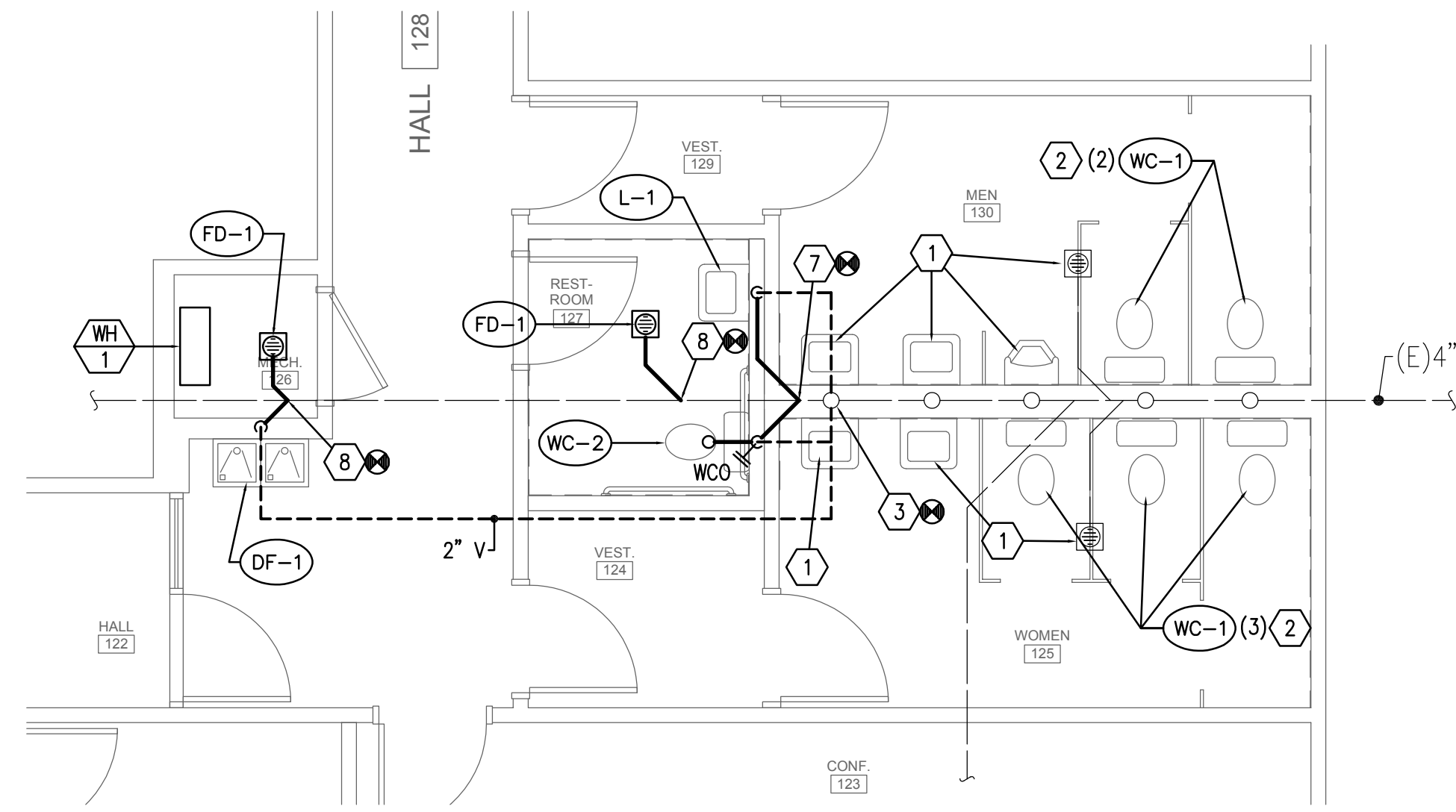
P101



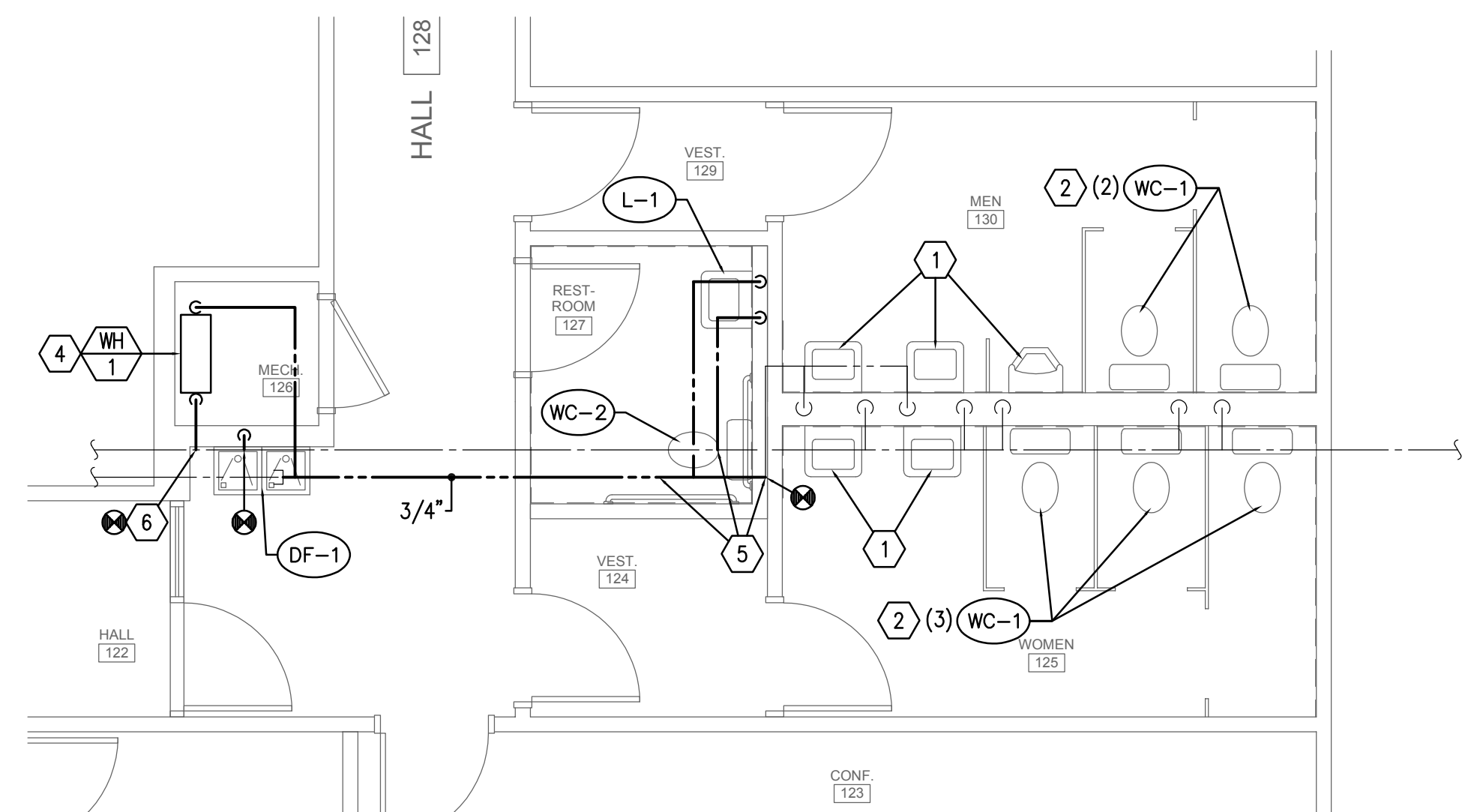
B WALL CLEANOUT DETAIL
SCALE: NONE



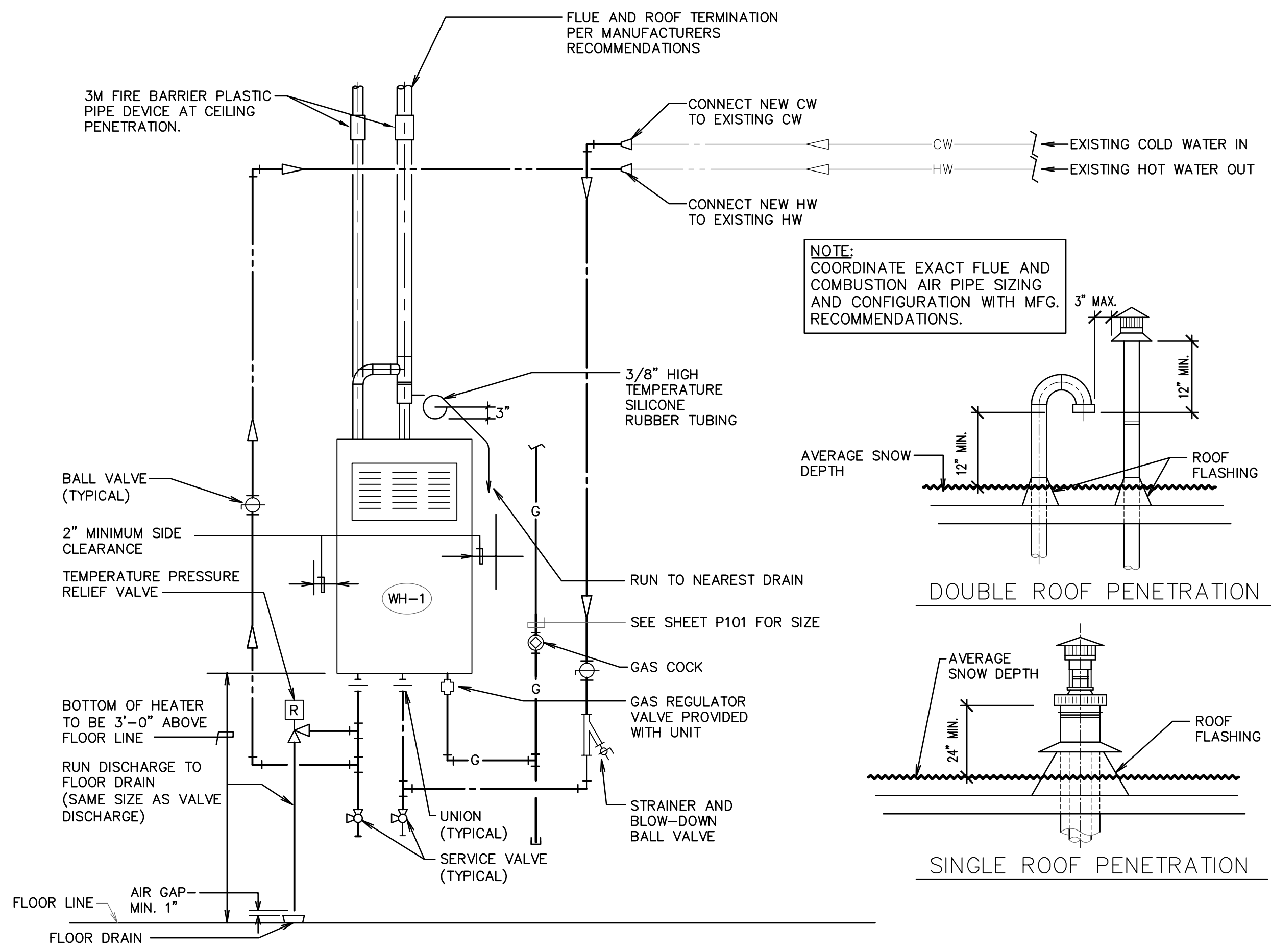
C TRAP GUARD TRAP SEAL DETAIL
SCALE: NONE



1 LARGE SCALE PLUMBING PLAN - WASTE AND VENT
SCALE: 1/4" = 1'-0"



2 LARGE SCALE PLUMBING PLAN - DOMESTIC WATER
SCALE: 1/4" = 1'-0"



A TANKLESS WATER HEATER PIPING DETAIL AND VENTING PENETRATION DETAILS
SCALE: NONE

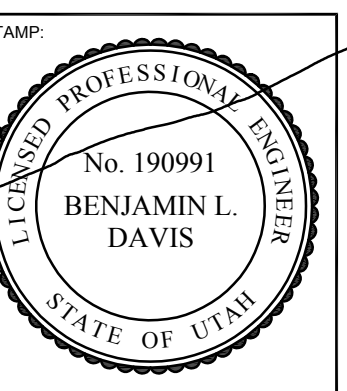
PLUMBING FIXTURE SCHEDULE							
MARK	FIXTURE	PIPE SIZE					REMARKS
		TRAP	WASTE	VENT	C.W.	H.W.	
L-1	LAVATORY	1-1/4"	1-1/4"	1-1/2"	1/2"	1/2"	SEE ARCHITECTURAL ELEVATIONS ①
FD-1	FLOOR DRAIN	2"	2"	2"	-	-	WITH DEEP SEAL P-TRAP AND TRAP SEAL. SEE DETAIL C/P301
WC-1	WATER CLOSET	INT.	4"	2"	1/2"	-	FLUSH TANK, HET (HIGH EFFICIENCY TOILET)
WC-2	WATER CLOSET	INT.	4"	2"	1/2"	-	FLUSH TANK, 18" RIM HEIGHT (ADA APPROVED), HET
WH-1	WATER HEATER	-	-	-	3/4"	3/4"	GAS FIRED, 100,000 BTU/HR. INPUT, SET DISCHARGE AT 110° F, DIRECT VENT, INSTANTANEOUS TYPE. SEE SPECIFICATIONS.
DF-1	DRINKING FOUNTAIN	1-1/2"	1-1/2"	1-1/2"	1/2"	-	ELECTRIC BI-LEVEL (ADA APPROVED)

① WHEN MOUNTED PER ARCHITECTURAL ELEVATIONS, ADA ACCESSIBILITY REQUIREMENTS ARE SATISFIED.

KEYED NOTES

1. REINSTALL EXISTING PLUMBING FIXTURE.
2. NEW PLUMBING FIXTURE. RECONNECT TO EXISTING WASTE, VENT AND SUPPLY.
3. CONNECT NEW VENTING TO EXISTING VTR. FIELD VERIFY EXACT LOCATION.
4. INSTALL NEW GAS-FIRED INSTANTANEOUS WATER HEATER. REFER TO DETAIL A/P301.
5. ROUTE 3/4" HW MAIN PIPING BACK TO NEW WATER HEATER LOCATION. RE-CONNECT ALL EXISTING BRANCH PIPES.
6. PROVIDE NEW 3/4" CW BRANCH PIPE TO NEW WATER HEATER LOCATION.
7. CONNECT NEW FIXTURE WASTE TO EXISTING 4" WASTE LINE. EXTEND EXISTING 4" WASTE PIPING IF REQUIRED.
8. CONNECT NEW FIXTURE WASTE TO EXISTING WASTE LINE.

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PROJECT FOR:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

PROJECT NUMBER:
5261066-18010106
DATE:
12 APR 2018
PROPERTY NUMBER:
5261066

SHEET TITLE:
LARGE SCALE PLUMBING PLANS

P301

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RELOCATE OR REMOVE AND REINSTALL, DUCTS, PIPING, GRILLES, DAMPERS, LOUVERS, FIXTURES, OR ANY OTHER MECHANICAL EQUIPMENT OR DEVICES WHICH ARE ENCOUNTERED DURING DEMOLITION WHICH CONFLICT WITH THE NEW CONSTRUCTION OR WHICH ARE TO ACCOMMODATE THE NEW CONSTRUCTION. ANY EQUIPMENT, PIPING, GRILLES, DAMPERS, LOUVERS, OR FIXTURES TO REMAIN SHALL BE REINSTALLED AT THE COMPLETION OF THIS WORK.

LEGEND

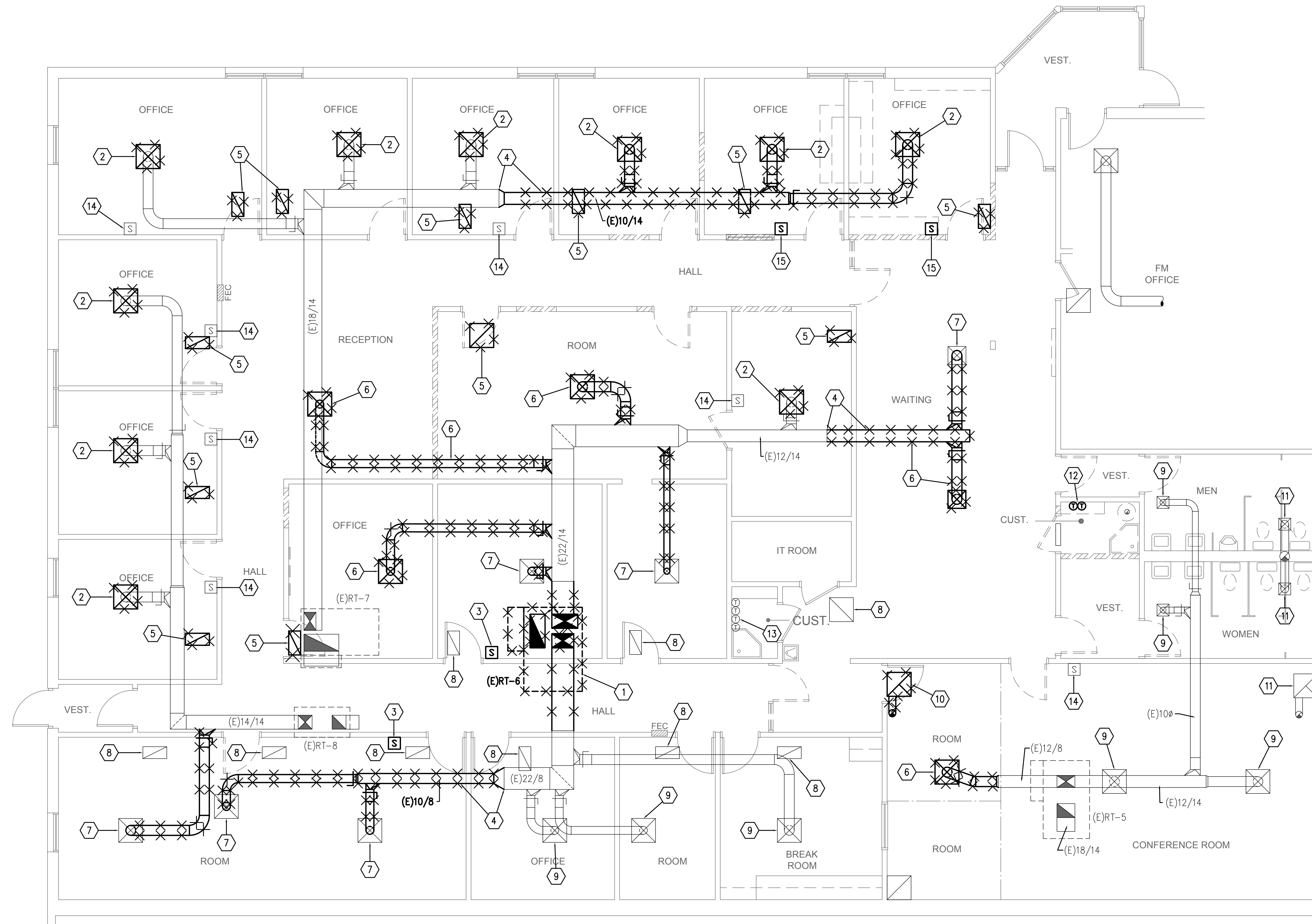
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SINGLE THICKNESS TURNING VANES		MANUAL VOLUME DAMPER
	DUCT TRANSITION		EXISTING DUCT TO BE REMOVED
	ACCESS DOOR		EXISTING DUCT TO REMAIN
		SA	SUPPLY AIR
		RA	RETURN AIR
		OA	OUTSIDE AIR

GENERAL NOTES

- EXISTING DUCTWORK AND EQUIPMENT SHOWN FOR CONTRACTOR'S REFERENCE. FIELD DETERMINE EXACT SIZE, ELEVATION, AND LOCATION OF EXISTING ITEMS, INCLUDING THEIR RELATIONSHIP WITH INTENDED WORK PRIOR TO STARTING ANY WORK.
- PATCH AND REPAIR ALL EXISTING SURFACES DAMAGED BY NEW CONSTRUCTION TO MATCH EXISTING.
- SAW CUT OR CORE DRILL ALL NEW PENETRATIONS THROUGH EXISTING MASONRY CONSTRUCTION.
- IF CONTRACTOR ENCOUNTERS MATERIAL THAT MAY CONTAIN ASBESTOS, HE SHALL IMMEDIATELY STOP WORK IN THIS AREA AND NOTIFY THE OWNER.
- DEMOLITION - GENERAL:
 - REMOVAL OF EQUIPMENT, PIPING, OR DUCTWORK TO INCLUDE REMOVAL OF ALL RELATED APPURTENANCES SUCH AS WIRING, CONDUIT, SUPPORTS, ETC. AND MODIFICATIONS REQUIRED FOR A COMPLETE OPERATING SYSTEM.
 - REMOVE BRANCH CONDUIT AND WIRING COMPLETELY. TERMINATE AT JUNCTION BOX.
 - PATCH AND REPAIR ALL EXISTING SURFACES (WALL, ROOF, FLOOR, CEILING, ETC.) TO MATCH EXISTING.
- REMODEL - GENERAL:
 - ALL NEW CONDUIT, PIPING, DUCT, EQUIPMENT, AND APPURTENANCES TO BE CONCEALED UNLESS OTHERWISE NOTED.
 - EXISTING SURFACES (WALL, ROOF, FLOOR, CEILING, ETC.) TO BE REMOVED AS REQUIRED AND REPLACE TO MATCH EXISTING.

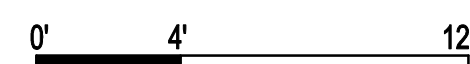
KEYED NOTES

- REMOVE EXISTING 7.5 TON RTU FOR REPLACEMENT. SALVAGE EXISTING UNIT BACK TO OWNER IN WORKING CONDITION. REMOVE MAIN SUPPLY DUCT TO EXTENT SHOWN. REMOVE EXISTING MAIN RETURN AIR IN ITS ENTIRETY.
- REMOVE EXISTING SUPPLY DIFFUSER FOR REPLACEMENT.
- REMOVE EXISTING REMOTE SENSOR FOR REPLACEMENT. MAY BE RE-USED AT OTHER EXISTING SYSTEMS IF NEEDED.
- REMOVE EXISTING SUPPLY DUCT SYSTEM, INCLUDING BRANCH DUCTS BACK TO THIS POINT FOR REPLACEMENT.
- EXISTING RETURN AIR GRILLE, INCLUDING SOUND BOOT ABOVE CEILING TO BE REMOVED, STORED, AND RE-INSTALLED AT NEW CEILING.
- REMOVE EXISTING BRANCH SUPPLY DUCT, INCLUDING SUPPLY DIFFUSER, BACK TO MAIN SUPPLY DUCT AND CAP.
- EXISTING SUPPLY DIFFUSER TO REMAIN FOR NEW BRANCH DUCT CONNECTION. REMOVE EXISTING BRANCH SUPPLY DUCT BACK TO MAIN SUPPLY DUCT AND CAP.
- EXISTING CEILING RETURN AIR GRILLE AND ASSOCIATED SOUND BOOT TO REMAIN.
- EXISTING CEILING SUPPLY DIFFUSER TO REMAIN.
- REMOVE EXISTING CEILING EXHAUST FAN IN ITS ENTIRETY. ROOF PENETRATION TO REMAIN FOR RECONNECTION.
- EXHAUST FAN SYSTEM TO REMAIN.
- REMOVE EXISTING SYSTEM THERMOSTATS FOR RELOCATION.
- EXISTING SYSTEM THERMOSTATS TO REMAIN AT THIS LOCATION.
- EXISTING REMOTE SENSOR TO REMAIN.
- REMOVE EXISTING REMOTE SENSOR FOR RELOCATION.



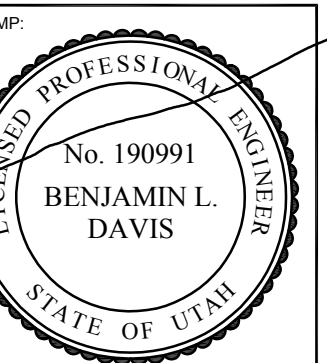
MECHANICAL DEMOLITION PLAN

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



1

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PROJECT FOR:
 THE CHURCH OF
JESUS CHRIST
 OF LATTER-DAY SAINTS

PROJECT NUMBER:
 5261066-18010106
 DATE:
 12 APR 2018
 PROPERTY NUMBER:
 5261066

DRAWN BY: CHECKED:

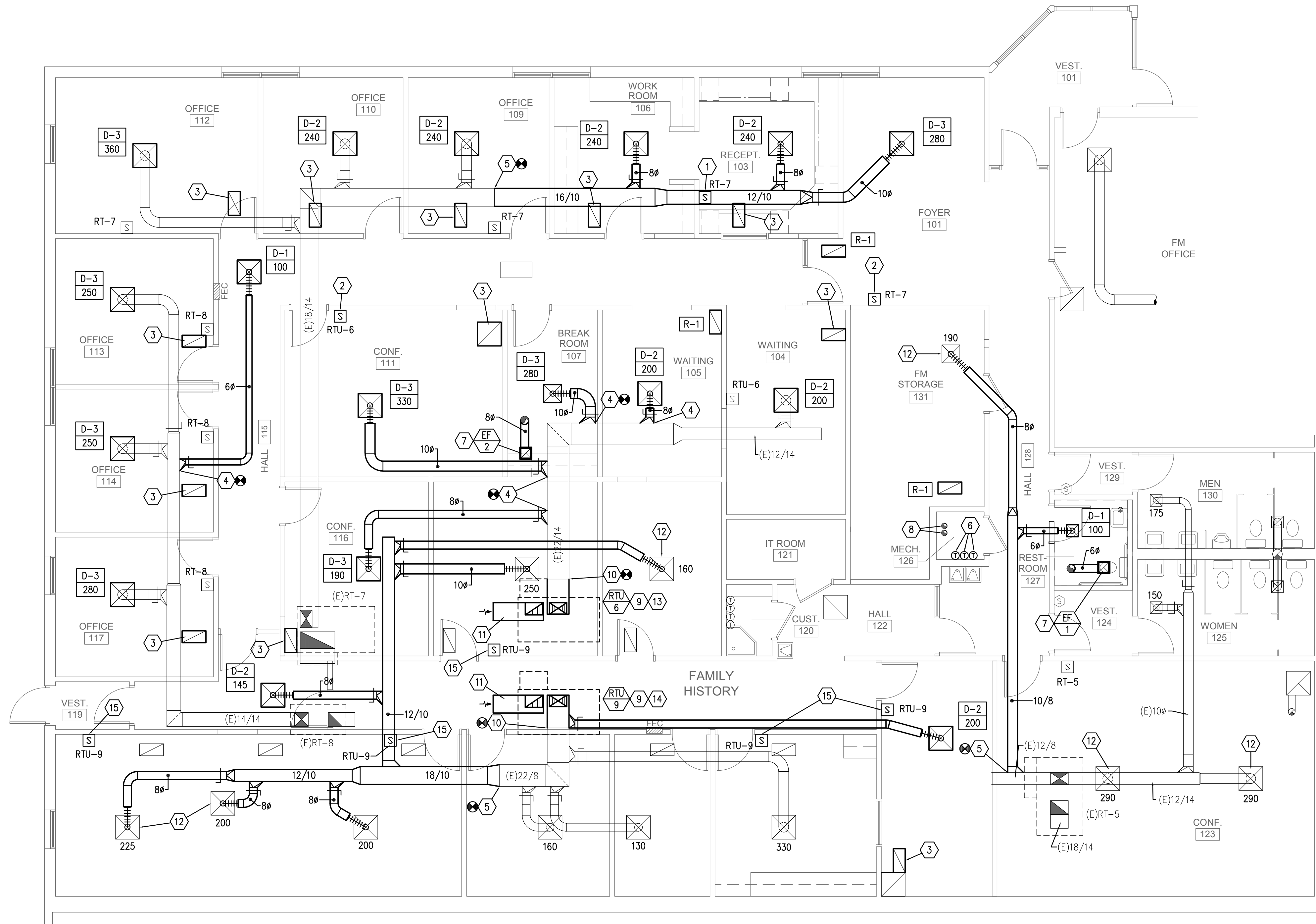
SHEET TITLE:
MECHANICAL DEMOLITION PLAN

SHEET:
MD101

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LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
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	DUCT TRANSITION		EXISTING DUCT TO BE REMOVED
	ACCESS DOOR		EXISTING DUCT TO REMAIN
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 - EXISTING SURFACES (WALL, ROOF, FLOOR, CEILING, ETC.) TO BE REMOVED AS REQUIRED AND REPLACE TO MATCH EXISTING.

KEYED NOTES

- RE-INSTALL PUSH BUTTON REMOTE SENSOR AT THIS LOCATION EXTEND EXISTING WIRING.
- RE-INSTALL BLANK FACE SENSOR AT THIS LOCATION. EXTEND EXISTING WIRING.
- RE-INSTALL EXISTING RETURN AIR GRILLE AND SOUND BOOT.
- CONNECT NEW BRANCH DUCT TO EXISTING MAIN SUPPLY DUCT. PROVIDE HIGH EFFICIENCY TAKE-OFF.
- CONNECT NEW SUPPLY AIR DUCT TO EXISTING. TRANSITION AS REQUIRED.
- RELOCATE (2) EXISTING THERMOSTATS TO THIS LOCATION. LOCATE NEW THERMOSTAT (RT-9) AT THIS LOCATION. EXTEND EXISTING SENSOR WIRING.
- INSTALL NEW CEILING EXHAUST FAN. ROUTE EXHAUST DUCT UP THROUGH ROOF WITH GOOSENECK DISCHARGE. SEAL ROOF PENETRATION WATER TIGHT. EXISTING EXHAUST PENETRATION MAY BE RE-USED FOR EF-1.
- PVC VENT AND COMBUSTION AIR FOR NEW SEALED COMBUSTION WATER HEATER. REFER TO DETAIL A/P301.
- INSTALL NEW ROOFTOP UNIT ON NEW ROOF CURB. FIELD VERIFY EXACT LOCATION WITH EXISTING STRUCTURE AND UNIT SUPPLIED.
- CONNECT NEW MAIN SUPPLY DUCT FROM RTU SUPPLY DISCHARGE TO EXISTING MAIN SUPPLY AIR DUCT. TRANSITION AS REQUIRED.
- INSTALL LINED RETURN AIR SOUND BOOT FROM NEW RTU INTAKE CONNECTION INTO RETURN AIR PLENUM. FULL SIZE OF RTU OPENING.
- RE-BALANCE EXISTING SUPPLY DIFFUSER TO SUPPLY VOLUME NOTED. TYPICAL AT ALL LOCATIONS.
- RE-CONNECT EXISTING THERMOSTAT CONTROL RT-6 TO NEW ROOFTOP UNIT.
- PROVIDE NEW THERMOSTAT CONTROL TO NEW ROOFTOP UNIT. REFER TO SHEET M701.
- NEW REMOTE SENSOR FOR NEW ZONE (RTU-9). REFER TO SHEET M701.

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LICENSED PROFESSIONAL ENGINEER
No. 190991
BENJAMIN L. DAVIS
STATE OF UTAH

PROJECT FOR:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

SAT FAMILY SERVICES
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SANDY, UTAH

PROJECT NUMBER: 5261066-18010106
DATE: 12 APR 2018
PROPERTY NUMBER: 5261066
DRAWN BY: BGG
CHECKED: BGG
SHEET TITLE: MECHANICAL PLANS
SHEET: M101

MECHANICAL PLAN

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

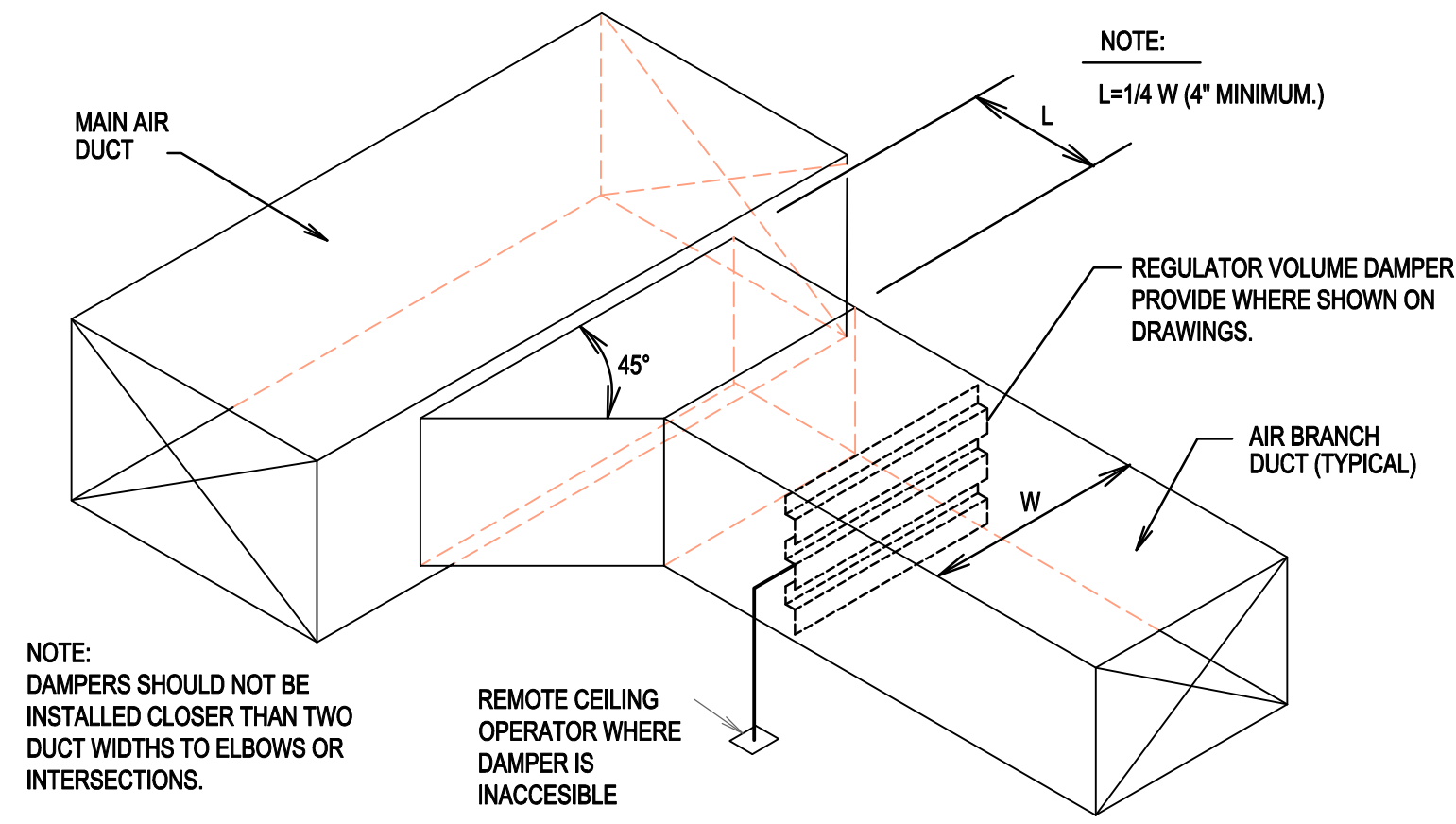
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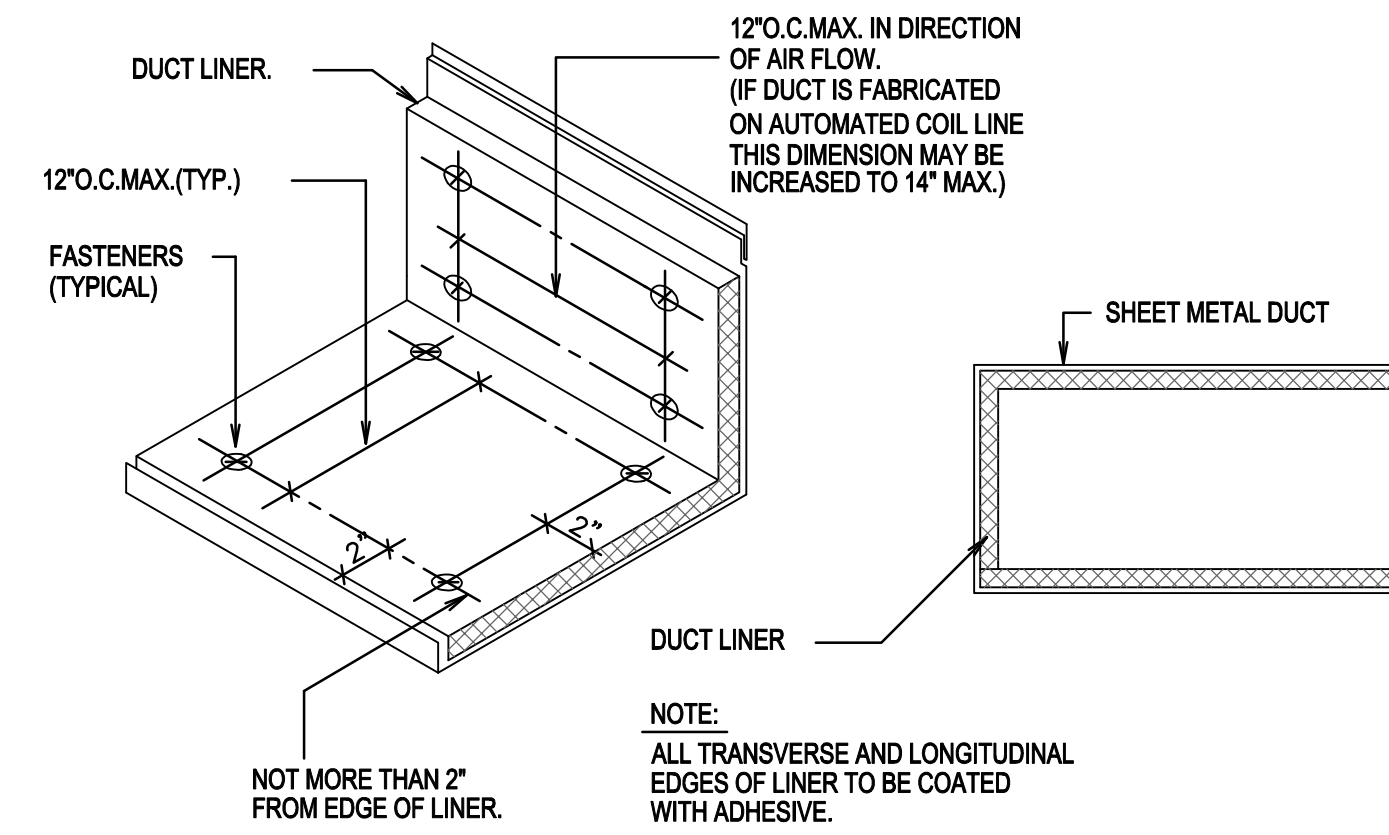
A SUPPLY OR RETURN AIR DUCT BRANCH CONNECTION DETAIL
M501 NO SCALE

DIMENSION OF LONGEST SIDE, INCHES	SHEET METAL GAGE (ALL FOUR SIDES)	MINIMUM REINFORCING ANGLE SIZE AND MAXIMUM LONGITUDINAL SPACING BETWEEN TRANSVERSE JOINTS &/OR INTERMEDIATE REINFORCING	TRANSVERSE REINFORCING (1)				
			AT JOINTS				
			MIN. H. IN.	DRIVE SLIP	HEMMED S SLIP	ALTERNAT BAR SLIP	REINFORCED BAR SLIP
	RECOM-MENDED GAGE	RECOM-MENDED GAGE	RECOM-MENDED GAGE	RECOM-MENDED GAGE			
UP THRU 12	26	NONE REQUIRED	1	26	26	24	24
13 - 18	24	NONE REQUIRED	1	24	24	24	24
19 - 30	24	1"x1"x1/8" @ 60 IN	1	-	24	24	24
31 - 36	22	1"x1"x1/8" @ 60 IN	1	-	-	22	22

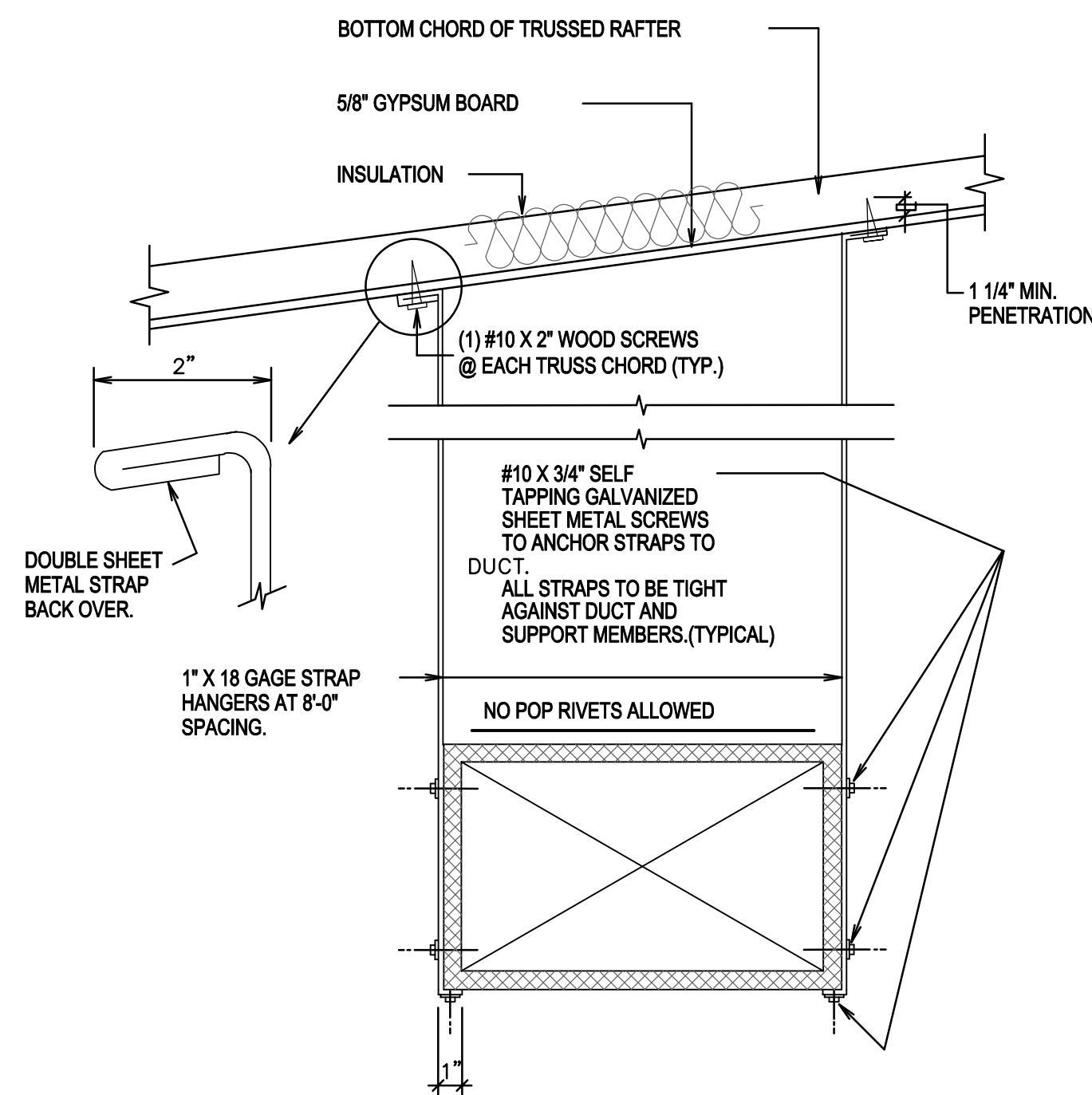
(1) TRANSVERSE REINFORCING SIZE IS DETERMINED BY DIMENSION OF SIDE TO WHICH ANGLE IS APPLIED.

(2) LONGITUDINAL JOINTS TO BE PITTSBURG OR SNAP LOCK TYPE.

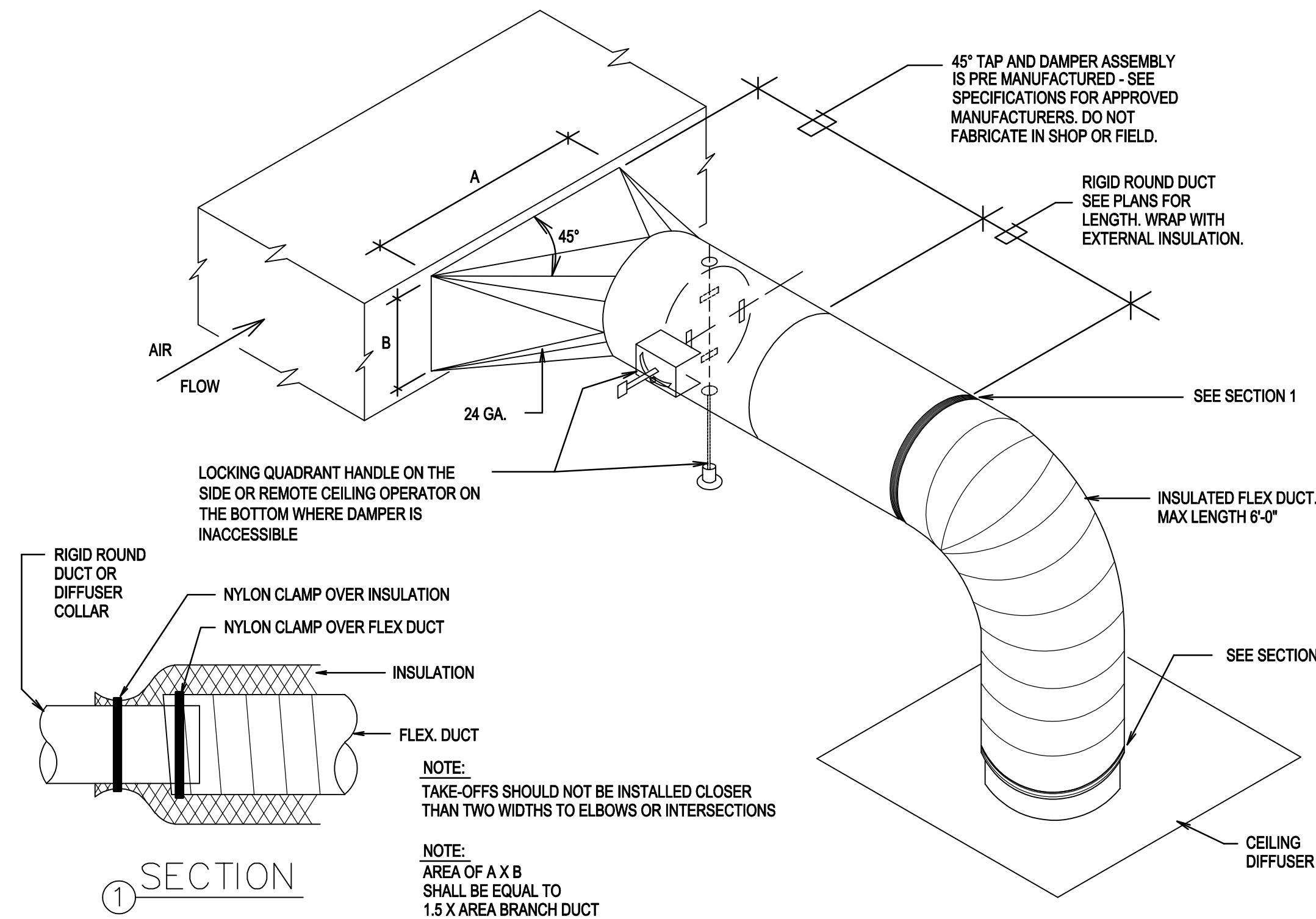
B DUCT CONSTRUCTION DETAIL
M501 NO SCALE



C DUCT LINER DETAIL
M501 NO SCALE

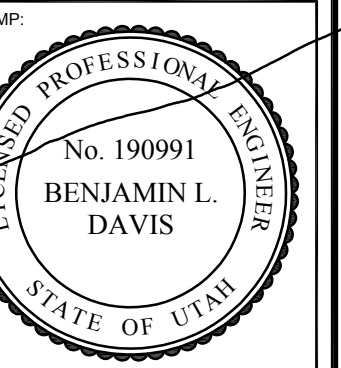
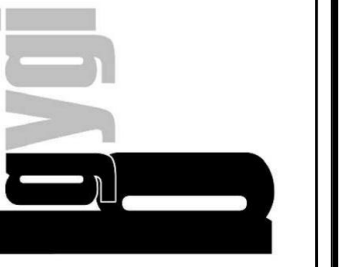


D DUCT STRAP HANGER DETAIL
M501 NO SCALE



E SQUARE TO ROUND TAKE-OFF DETAIL
M501 NO SCALE

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DRAWN BY: BGG
CHECKED: BGG

SHEET TITLE:
**MECHANICAL
DETAILS**

SHEET:
M501

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ROOFTOP UNIT SCHEDULE																				
MARK	TYPE	MIN. NOMINAL SIZE (TONS)	MINIMUM A.C.F.M.	EXT. S.P. IN. W.G.	HEATING CAPACITY			A R I C O O L I N G C A P A C I T Y						F A N		MIN. CIRCUIT AMPS	MOCP	MINIMUM OUTSIDE AIR A.C.F.M.	NAT. GAS CONNECTION SIZE	NOTES
					INPUT	OUTPUT	AMBIENT	MIN. REQ'D. CAP.		EAT		LAT		MINIMUM H.P.	RPM					
								TOT.MBH	SEN.MBH	DB °F	WB °F	DB °F	WB °F							
RTU 6	PACKAGED GAS FIRED	5.0	2000	0.6	61.5	50	98	52.7	49.9	86.3	65.2	59.1	55.7	1.5	1205	38.7	50	290	1/2"	1, 2, 3, 4,
RTU 9	PACKAGED GAS FIRED	3.0	1200	0.6	41	32.8	98	27.3	22.3	84.2	63.7	57.4	54.1	1.5	975	29.6	40	210	1/2"	1, 2, 3, 5

- NOTES:
- CAPACITIES AT 4500' ELEVATION.
 - DRY BULB ECONOMIZER AND HOOD.
 - PROVIDE 12" ROOF CURB.
 - UNIT TO BE YORK ZE060N07 COMPLETE 1-STAGE COOLING, 2-STAGE HEATING, AND LOW AMBIENT COOLING CONTROLS.
 - UNIT TO BE YORK ZE036H05 COMPLETE WITH 1-STAGE COOLING, 1-STAGE HEATING, AND LOW AMBIENT COOLING CONTROLS.

DIFFUSER SCHEDULE									
MARK	C.F.M. RANGE	DIFFUSER SIZE	NECK CONN.	BLOW	PATTERN	AIR DIST./SIDE			
						A (%)	B (%)		
D-1	60-120	6x6	6"ø	4 WAY		25	25		
D-2	125-240	9x9	8"ø	4 WAY		25	25		
D-3	245-360	12x12	10"ø	4 WAY		25	25		

REGISTER, LOUVER & GRILLE SCHEDULE					
MARK	T Y P E	SERVICE	CFM RANGE	NOMINAL SIZE	REMARKS
R-1	CEILING MOUNTED	RA	100-360	12x24	

REGISTER, LOUVER AND DIFFUSER SCHEDULE NOTES:

- MAXIMUM NC=25 @ MAXIMUM CFM NOTED.
- SHALL BE TITUS TDC TYPE 3 OR EQUAL BY OTHER APPROVED MANUFACTURERS.
- SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS.
- FINISH SHALL BE OFF-WHITE BAKED ENAMEL.
- COMPLETE WITH ACOUSTICAL SOUND BOOT TO MATCH EXISTING SOUND BOOTS.
- PROVIDE SURFACE MOUNT OR LAY-IN FRAME FOR CEILING TYPE. FIELD VERIFY.

NOTES:

- THE MECHANICAL CONTRACTOR SHALL VERIFY MOTOR VOLTAGES WITH THE ELECTRICAL DRAWINGS BEFORE ORDERING MOTORIZED EQUIPMENT & CONTROLS. MOTOR NAME PLATE VOLTAGE SHALL BE NEMA STANDARD 200 VOLT FOR 208 VOLT THREE PHASE SYSTEM AND SHALL BE NEMA STANDARD 230 VOLT FOR 240 VOLT THREE PHASE OR SINGLE PHASE SYSTEM. STARTER HEATERS INSTALLED SHALL BE COORDINATED WITH THE NAME PLATE DATA.
- S.C.F.M. LISTED IS STANDARD AIR. A.C.F.M. IS ACTUAL SITE CFM.

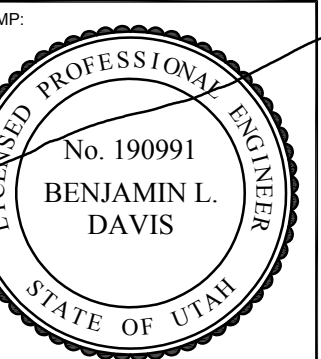
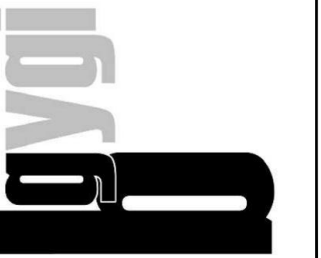
EXHAUST FAN SCHEDULE					
MARK	SERVES ROOM	MIN. S.C.F.M.	STATIC PRESSURE IN. W.G.	MIN. HP/WATTS	REMARKS
EF 1	RESTROOM	70	0.2	81 W	
EF 2	BREAK ROOM	150	0.2	166 W	

- VOLTAGE IS 115/1PHASE/60
- CEILING EXHAUST FAN COMPLETE WITH BACKDRAFT DAMPER.
- CONTROLS: 0-60 MINUTE WALL TIMER BY DIV. 26.
- CONTROLS: INTERLOCK WITH LIGHTS BY DIV. 26.

NOTES:

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PROJECT FOR:
 THE CHURCH OF
JESUS CHRIST
 OF LATTER-DAY SAINTS

PROJECT NUMBER: 5261066-18010106
DATE: 12 APR 2018
PROPERTY NUMBER: 5261066

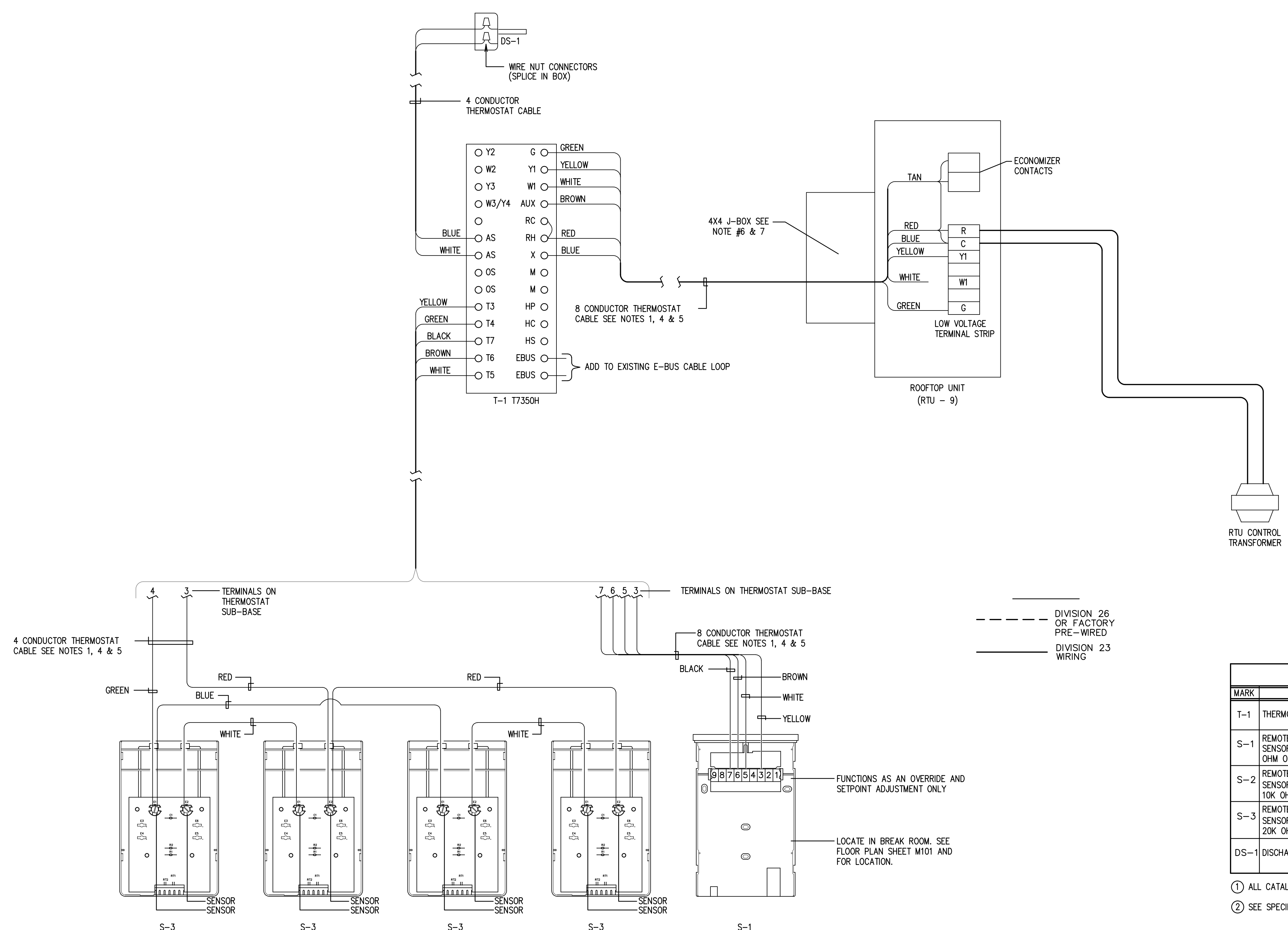
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SHEET TITLE:

LARGE SCALE
 MECHANICAL
 PLAN AND
 EQUIPMENT
 SCHEDULES

SHEET:

M601



NOTES:

1. THERMOSTAT CABLE- 4, 8 OR 12 CONDUCTOR- 18 AWG SOLID COPPER WIRE INSULATED WITH HIGH DENSITY POLYETHYLENE. CONDUCTORS PARALLEL, ENCLOSED IN BROWN PVC JACKET. (NO 22 AWG CABLE ALLOWED).
2. IF COMPRESSOR UNITS HAVE THEIR OWN POWER SUPPLY IT MAY BE NECESSARY TO ADD ADDITIONAL RELAYS IN COMPRESSOR UNIT TO PROPERLY INTERFACE CONTROLS.
3. USE WIRE NUT CONNECTORS FOR SPLICING CONDUCTORS IN SPECIFIED LOCATIONS. AND TYTON TYPE CRIMP CONNECTORS FOR TERMINAL CONNECTIONS. NO TERMINAL CONNECTORS REQUIRED AT THERMOSTAT OR SENSOR.
4. DO NOT RUN ANY OTHER WIRING IN THIS CONDUIT EXCEPT THERMOSTAT CABLE.
5. DO NOT SPLICE WIRE IN RUNS FROM SENSOR TO THERMOSTAT, THERMOSTAT TO FURNACE, AND THERMOSTAT TO DISCHARGE AIR SENSOR.
6. PROVIDE CHASE NIPPLE W/PLASTIC BUSHING WHEN ATTACHING J-BOX TO EQUIPMENT.
7. PROVIDE CABLE CLAMP SO THAT CABLES CANNOT BE PULLED OUT OF J-BOX.
8. CONDUIT TO BE 1/2" UNLESS OTHERWISE NOTED. ALL WIRING IS TO BE ROUTED IN CONDUIT.

CONTROL EQUIPMENT					
MARK	DESCRIPTION	CAT. NO.(1)	MARK	DESCRIPTION	CAT. NO.(1)
T-1	THERMOSTAT	T7350H1009			
S-1	REMOTE TEMPERATURE SENSOR SELECTABLE 10K OHM OR 20K OHM	T7771A1005			
S-2	REMOTE TEMPERATURE SENSOR (BLANK FACE) 10K OHM	TR21-A			
S-3	REMOTE TEMPERATURE SENSOR (BLANK FACE) 20K OHM	TR21			
DS-1	DISCHARGE AIR SENSOR	C7041B2005			

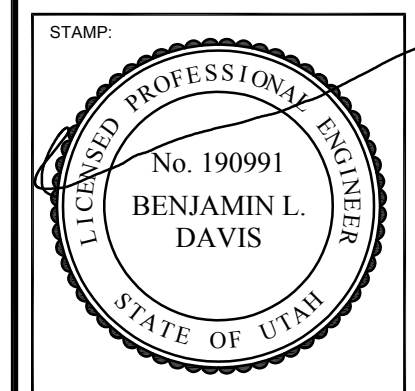
- ① ALL CATALOG NUMBERS SHOWN ARE HONEYWELL UNLESS NOTED OTHERWISE.
- ② SEE SPECIFICATIONS

GENERAL NOTE:
 EXISTING CONTROLS ARE BEING UPDATED TO WORK WITH NEW AND EXISTING HVAC SYSTEMS. DIAGRAMS SHOWN ARE FOR CONTRACTORS REFERENCE AND MAY NOT SHOW EXACT CONDITIONS. CONTRACTOR SHOULD VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING AND/OR STARTING CONTROL WORK. EXIST. EQUIPMENT, CONDUIT, AND WIRING MAY BE RE-USED IF THEY COMPLY WITH NEW REQUIREMENTS. REMOVE ALL UNUSED EQUIPMENT, CONDUIT, AND WIRING.

SYSTEM RTU-9 (FOUR SENSOR AVERAGING W/REMOTE OVERRIDE)

NEW FAMILY HISTORY SYSTEM WIRING DIAGRAM
 SYSTEM: RTU-9

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 SANDY UT
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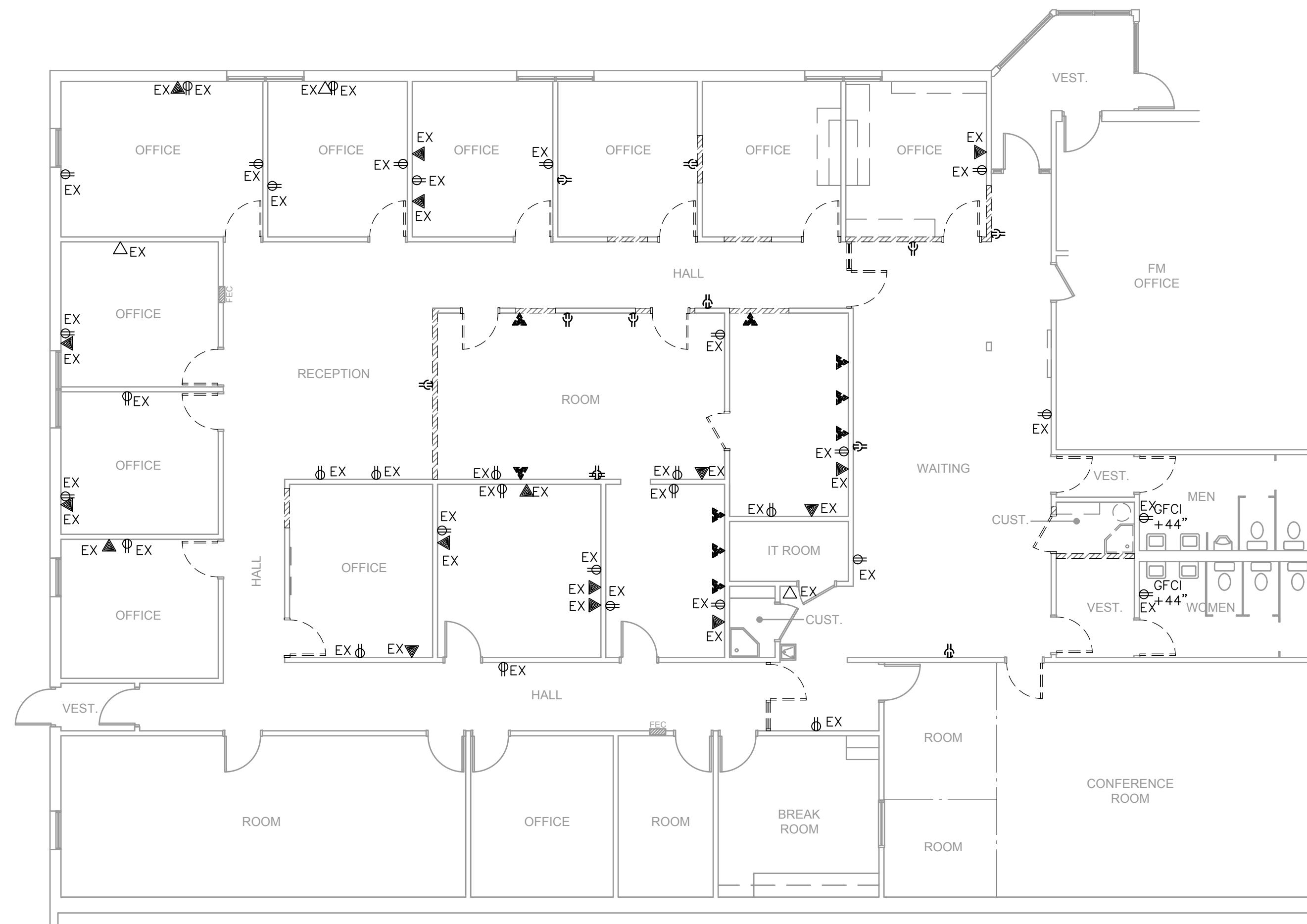
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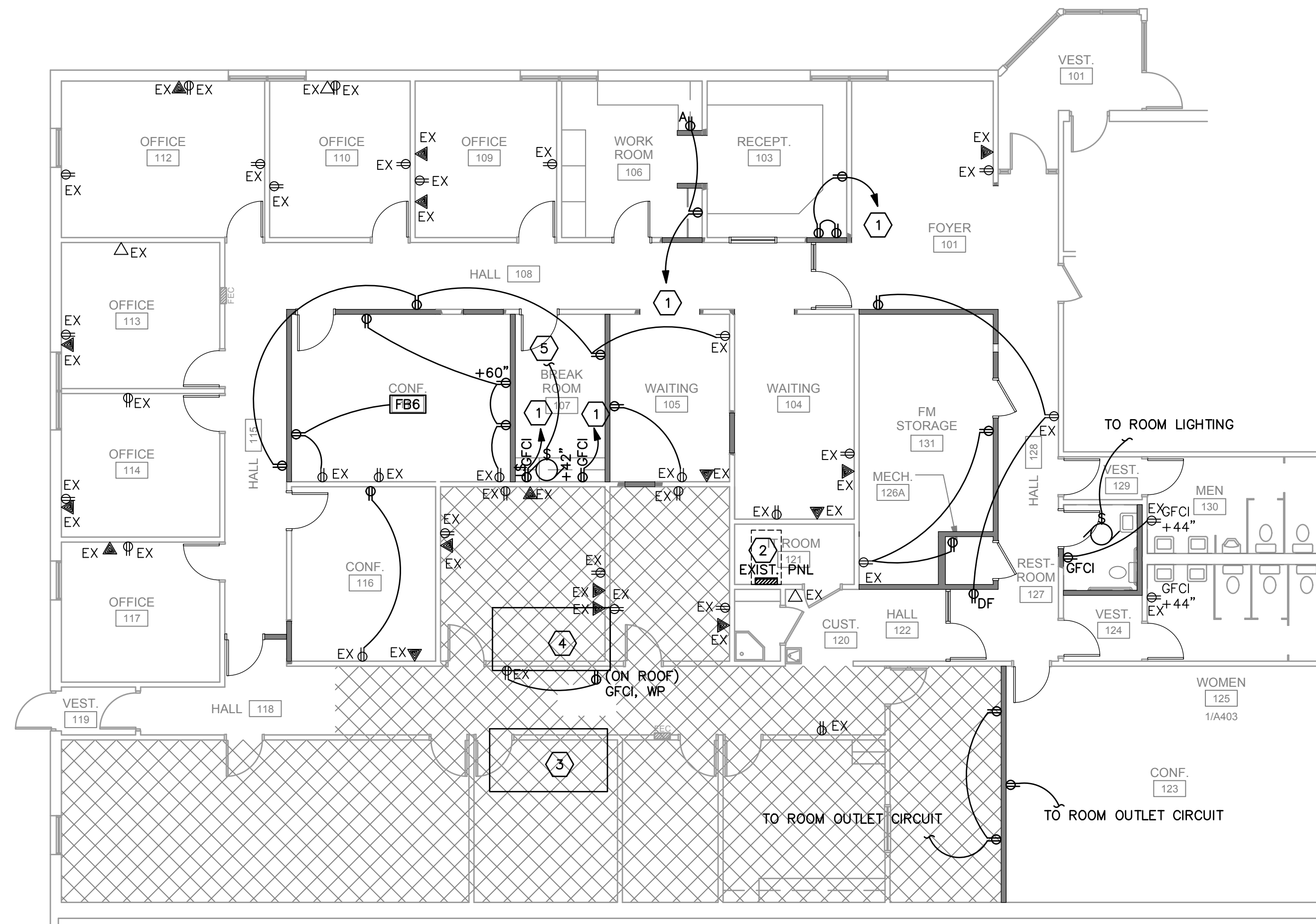
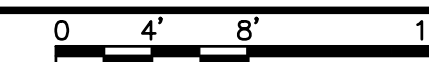
SHEET TITLE:
AUTOMATIC TEMPERATURE CONTROL WIRING AND EQUIPMENT SCHEDULE

SHEET:
M701

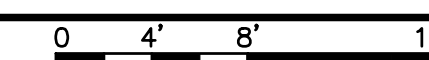
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 VBFA Project Number: 18129



1 PARTIAL DEMOLITION POWER PLAN
SCALE: 1/8" = 1'-0"



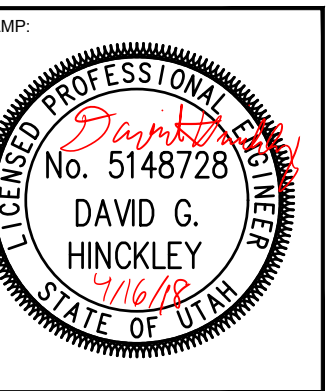
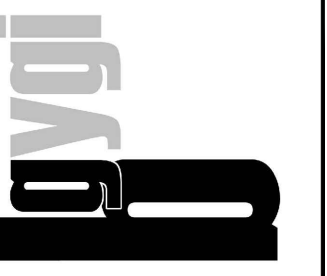
2 PARTIAL NEW POWER PLAN
SCALE: 1/8" = 1'-0"



SHEET KEYNOTES

1. PROVIDE SPARE 20/1 BREAKER IN EXISTING PANEL AND CIRCUIT TO THIS BREAKER.
2. REMOVE EXISTING 60/3 BREAKER IN PANEL. INSTALL NEW 50/3 BREAKER AND 40/3 BREAKER. ON ROOF, PROVIDE 60/3 FUSED DISCONNECT WITH 50A FUSES AND 60/3 FUSED DISCONNECT WITH 40A FUSES WITHIN SITE OF NEW ROOF TOP EQUIPMENT. IF THERE ARE INSUFFICIENT BREAKERS FOR WHAT IS SHOWN TO BE RUN TO NEW CIRCUITS, CHANGE 60/3 BREAKER TO 80/3 BREAKER. RUN 3#3,#8GR,1.25"C TO GUTTER WITH ILSCO LUGS ON ROOF AND TAP OFF TO FEED TWO DISCONNECTS, ONE WITH 50A FUSES AND ONE WITH 40A FUSES. DISCONNECTS TO FEED NEW ROOF TOP UNITS WITH 3#6,#10GR,1"C FOR RTU-6 AND 3#8,#10GR,1"C FOR RTU-9.
3. PROVIDE CONNECTIONS TO ROOF TOP UNIT RTU-9 PER SHEET KEYNOTE #2.
4. PROVIDE CONNECTIONS TO ROOF TOP UNIT RTU-6 PER SHEET KEYNOTE #2.
5. FOR BREAK ROOM EXHAUST FAN PROVIDE 0-60 MINUTE TIMER SWITCH ON WALL AS SHOWN ABOVE COUNTER. CIRCUIT EXHAUST FAN TO SAME CIRCUIT AS BREAK ROOM FRIDGE OUTLET SHOWN.

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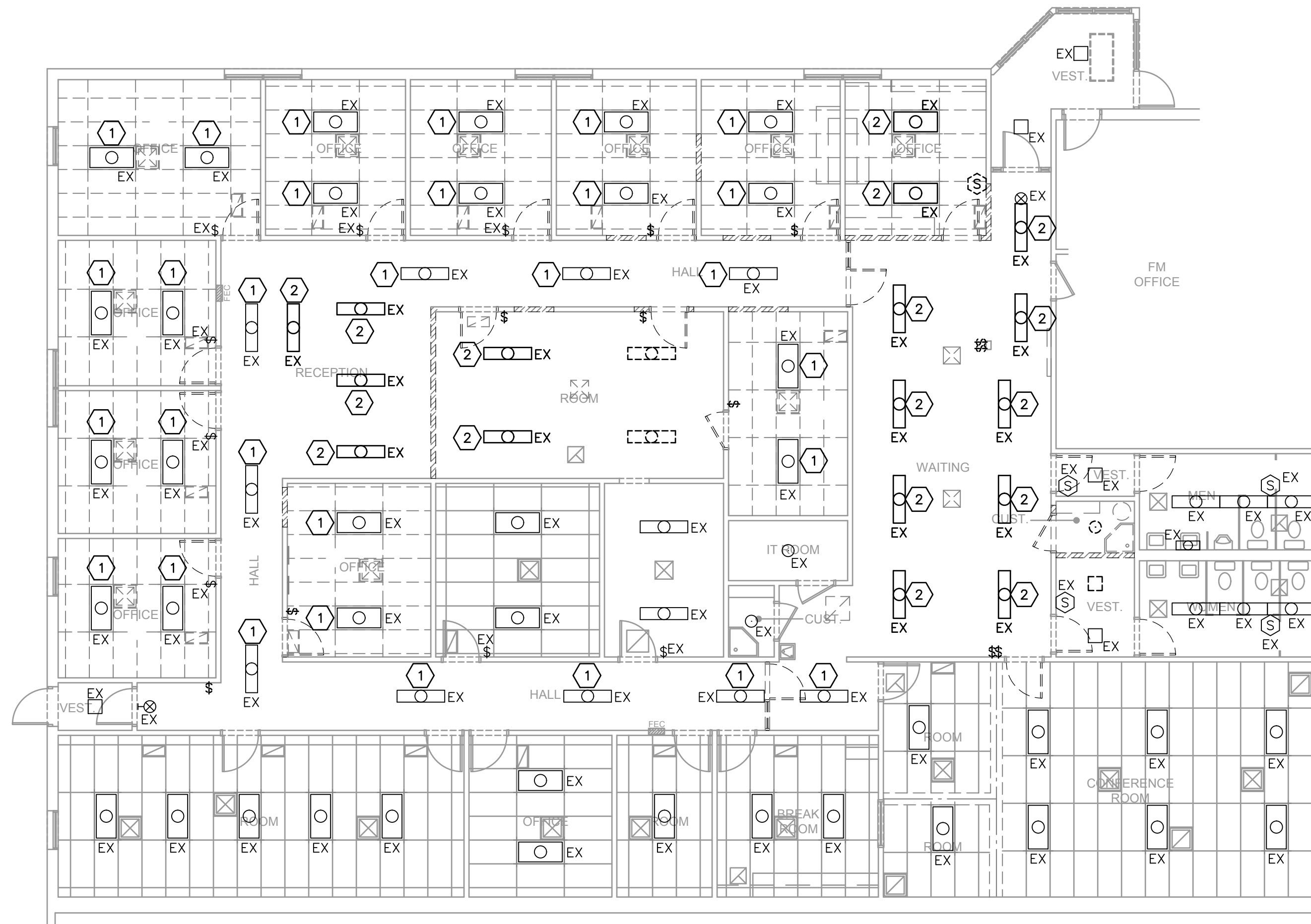
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SHEET TITLE:
POWER PLANS

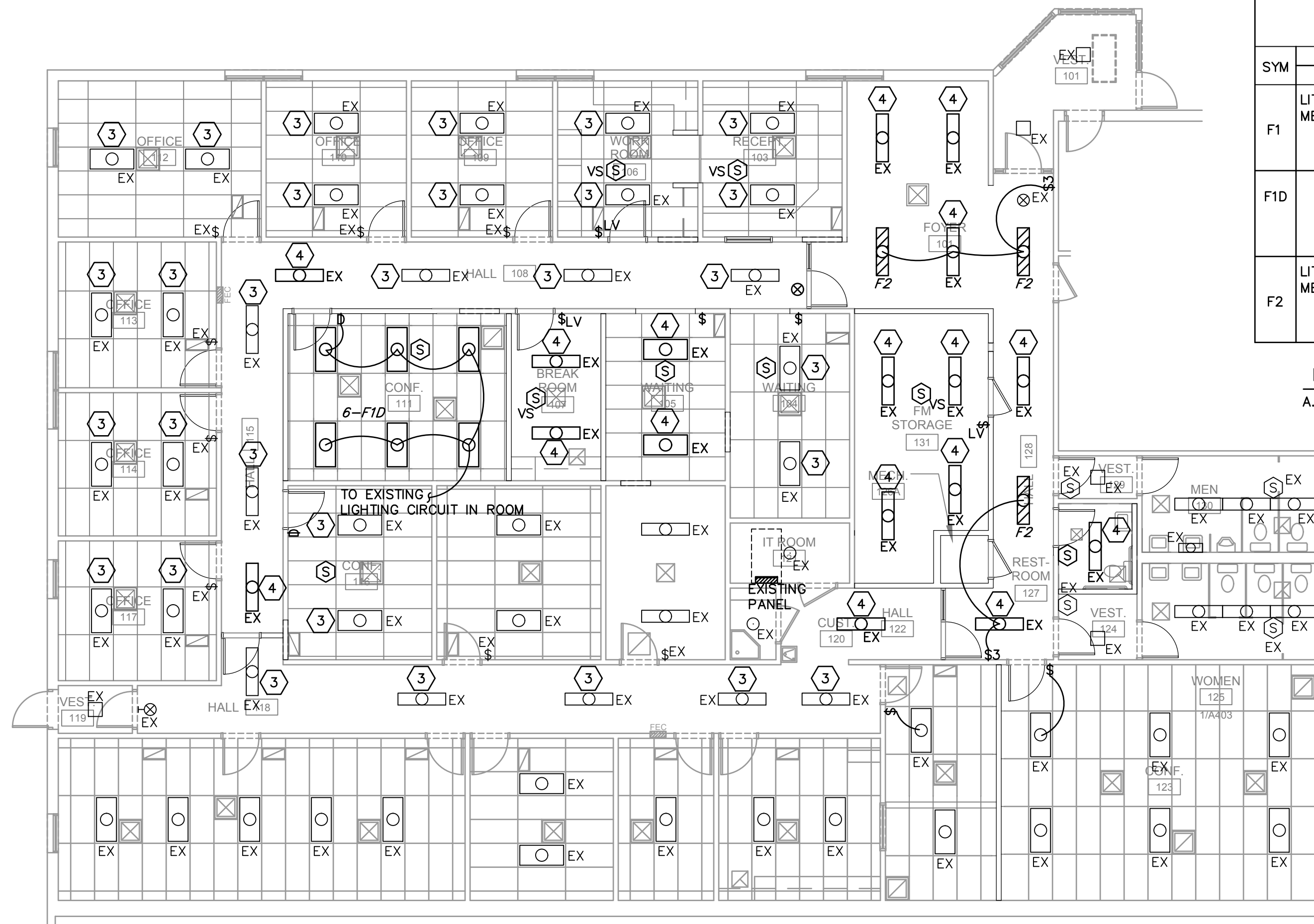
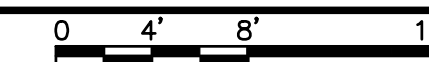
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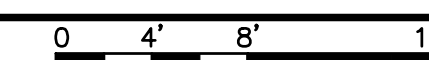
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1 PARTIAL DEMOLITION LIGHTING PLAN
SCALE: 1/8" = 1'-0"



2 PARTIAL NEW LIGHTING PLAN
SCALE: 1/8" = 1'-0"



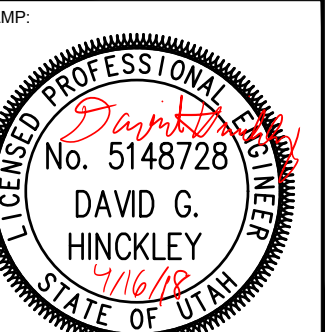
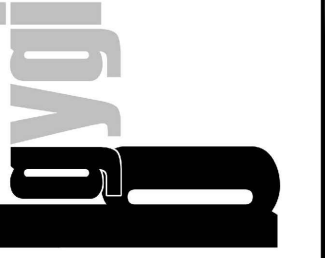
FIXTURE SCHEDULE						
SYM	NAME	MANUFACTURER	FIX VA	LAMP TYPE	MOUNTING	REMARKS
F1	LITHONIA METALUX	2SP8G-332-A12125-120-1/3GEB 2GC8-332-A125-120-EB81	98	3-F32 T8 3500K	LAY-IN	3 LAMP TROFFER NOTE A
F1D				LED	LAY-IN	LED, 4800 LUMEN VERSION OF F1 WITH DIMMING
F2	LITHONIA METALUX	LB232-120-GEB WS-232A-120-EB81	66	2-F32 T8 3500K	SURFACE	2 LAMP WRAPAROUND NOTE A

LIGHTING FIXTURES GENERAL NOTES:
A. SHADED FIXTURES SHALL BE PROVIDED WITH EMERGENCY BATTERY PACKS.

SHEET KEYNOTES

1. REMOVE EXISTING LIGHT FIXTURE AND RE-INSTALL ON NEW CEILING IN SAME LOCATION.
2. REMOVE EXISTING LIGHT FIXTURE AND RE-INSTALL IN NEW LOCATION.
3. RE-INSTALLED EXISTING LIGHT FIXTURE IN SAME LOCATION.
4. RE-INSTALLED EXISTING LIGHT FIXTURE IN NEW LOCATION.

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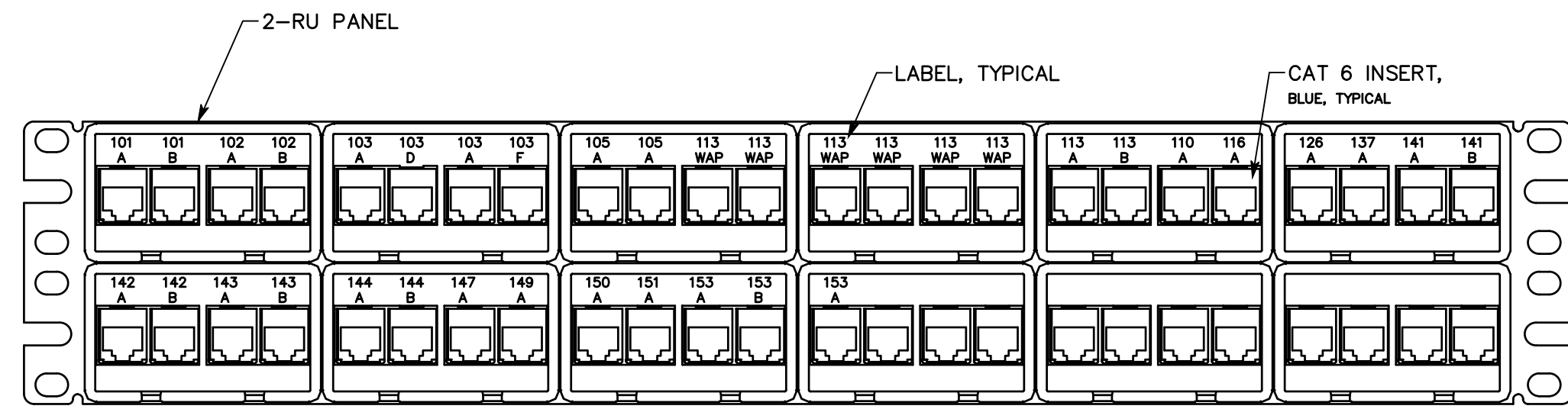
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**LIGHTING
PLANS**

SHEET:

E151



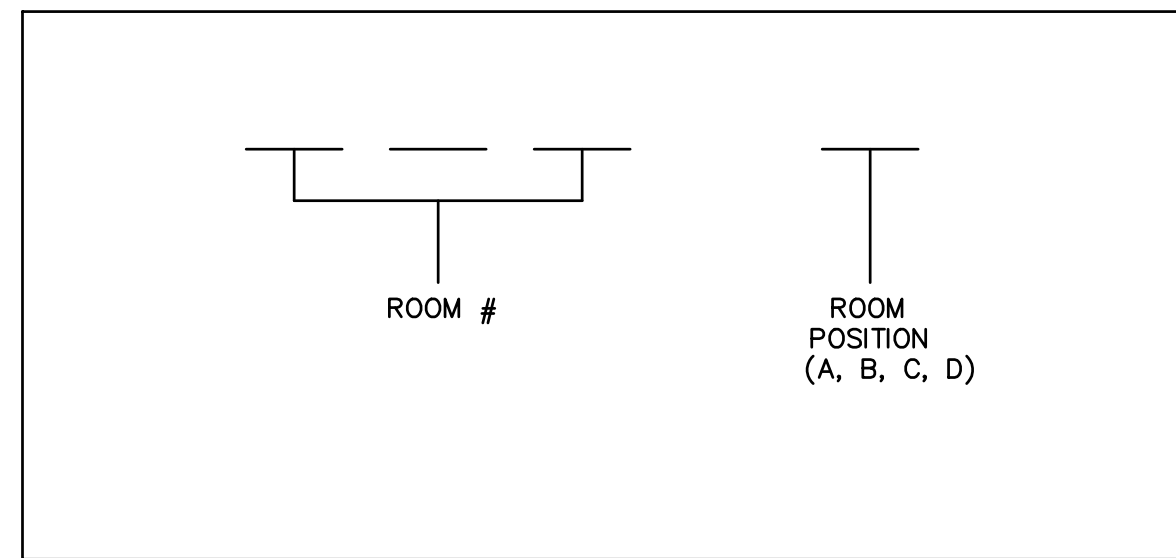
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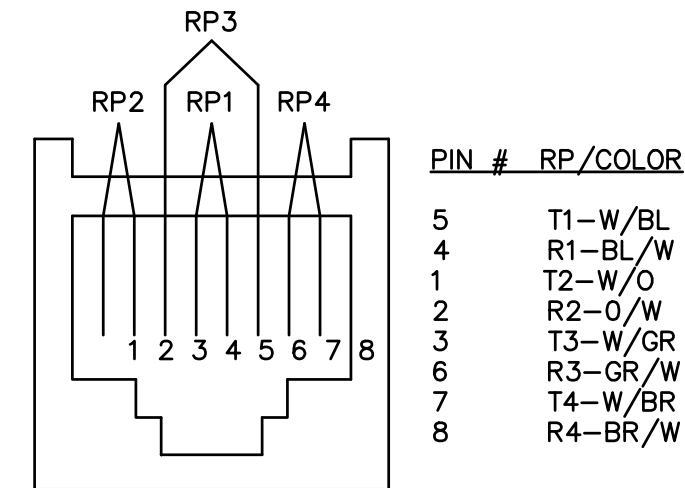
1-RU PANEL = 1 RACK UNIT (1.75")

NOTE:
NUMBER SHOWN IS CONCEPTUAL. FINAL LABELING FOR PATCH PANEL AND OUTLETS SHALL MATCH SIGNAGE POSTED FOR ROOMS.

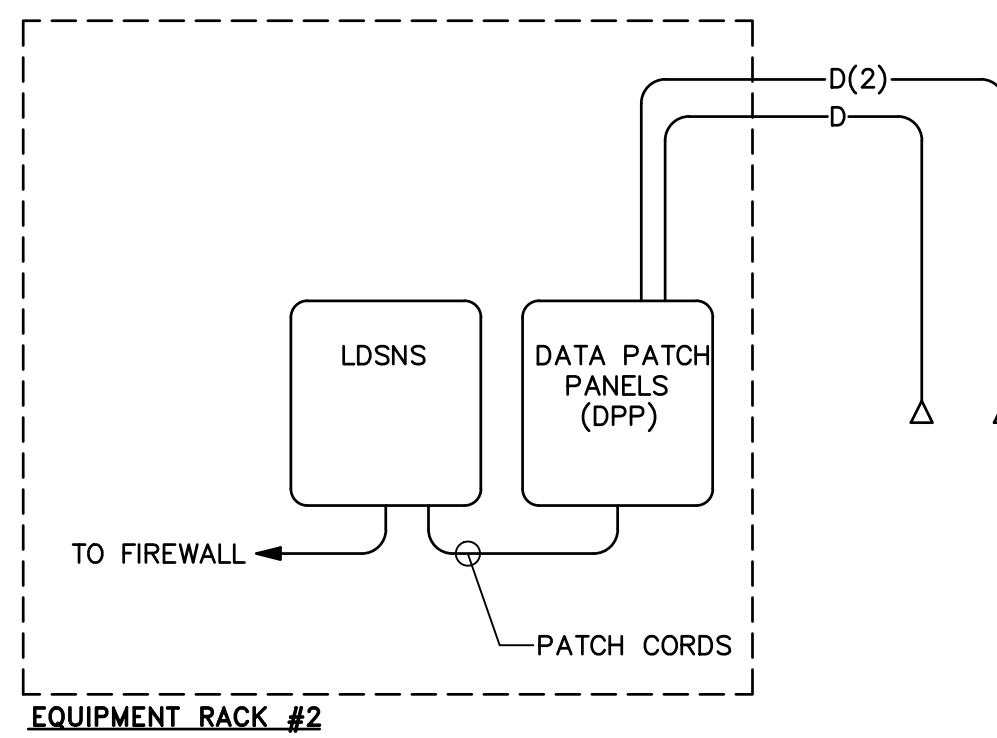
5 PATCH PANEL DETAIL, 48-PORT, TYPICAL
NO SCALE



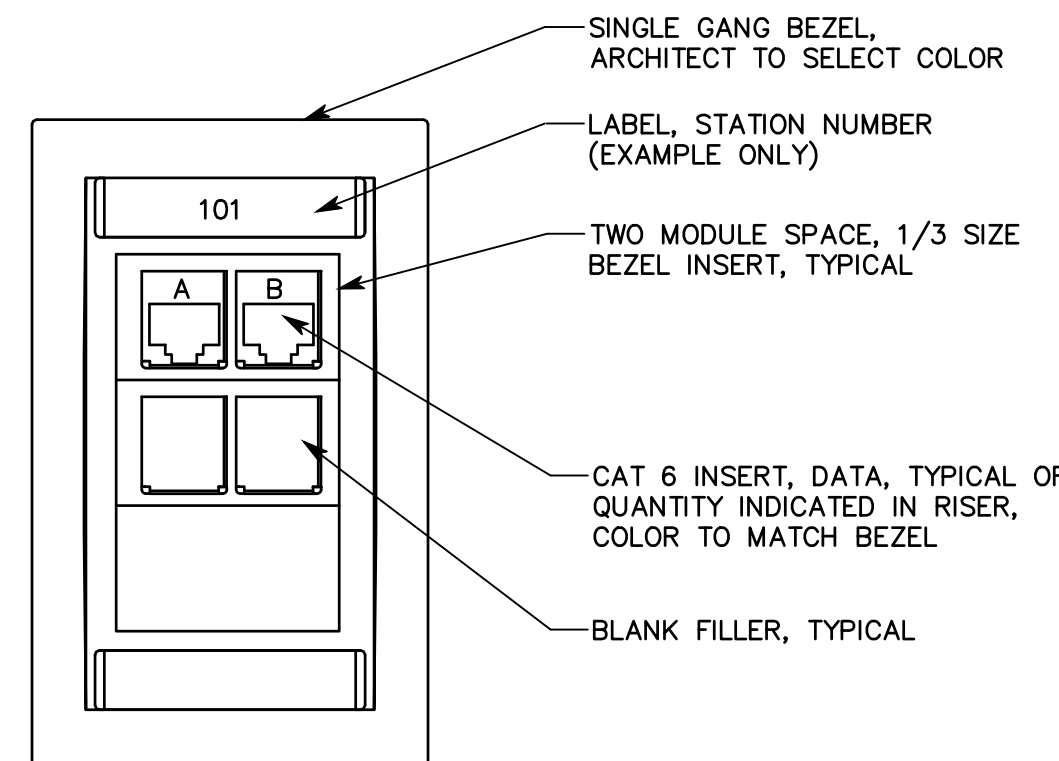
2 CABLE LABEL DETAIL
NO SCALE



3 OUTLET PINNING DETAIL
NO SCALE



6 DATA RISER DIAGRAM
NO SCALE



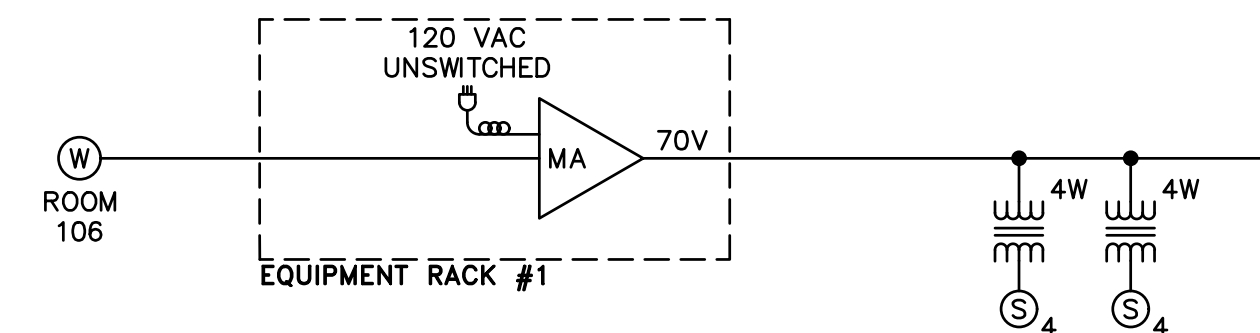
4 TYP VOICE-DATA OUTLET
NO SCALE

VOICE-DATA SYSTEM EQUIPMENT/CABLE LIST

THE FOLLOWING IS A PARTIAL LIST OF MATERIALS FOR THE DATA/PHONE SYSTEM. REFER TO SPECIFICATION 27.1501 FOR FULL REQUIREMENTS. VERIFY ALL PART NUMBERS WITH MANUFACTURER'S CATALOG NUMBERS AND NOTIFY CONSULTANT OF DISCREPANCIES PRIOR TO BIDDING. FURNISH MISCELLANEOUS HARDWARE NOT LISTED TO PROVIDE A COMPLETE SYSTEM.

SYM	DESCRIPTION	ACCEPTABLE TYPES
DPP	PATCH PANEL, DATA, 48-PORT W/ CAT 6 INSERT, BLUE (QUANTITIES OF PORTS AS REQUIRED +25%)	SEE SPECIFICATION 271501
D(#)	STATION CABLE, DATA-CAT 6, DATA, BLUE JACKET (#) INDICATES NUMBER OF CABLES IF MORE THAN ONE	SEE SPECIFICATION 271501
▽	DATA OUTLET SINGLE GANG BEZEL	SEE SPECIFICATION 271501
	BEZEL INSERTS	SEE SPECIFICATION 271501
	CAT 6 JACK-DATA (1)	SEE SPECIFICATION 271501
	3" DEEP DOUBLE GANG BOX MOUNTED AT ELECTRICAL OUTLET HEIGHT WITH SINGLE GANG PLASTER RING, OR USE EXISTING BOX	
▽	VOICE-DATA OUTLET SINGLE GANG BEZEL	SEE SPECIFICATION 271501
	BEZEL INSERTS	SEE SPECIFICATION 271501
	CAT 6 JACK-DATA (2)	SEE SPECIFICATION 271501
	3" DEEP DOUBLE GANG BOX MOUNTED AT ELECTRICAL OUTLET HEIGHT WITH SINGLE GANG PLASTER RING, OR USE EXISTING BOX	
	COPPER CAT 6 PATCH CABLES	SEE SPECIFICATION 271501
	CAT 6 J-HOOKS	CADDY CAT32234
HWM	HORIZONTAL WIRE MANAGER HORIZONTAL WIRE MANAGER SHALL NOT HAVE A DEPTH OF MORE THAN 3"	SEE SPECIFICATION 271501
LDSNS (IEA)	NETWORK SWITCH, LDS STANDARD (IEA-IS FOR INTERNET ENABLED APPLIANCES)	OWNER FURNISHED-CONTRACTOR INSTALLED
	RACK MOUNT SHELF	MIDDLE ATLANTIC

NOTE: ALL PATCH PANELS AND ACCESSORIES SHALL BE BLACK IN COLOR



7 AUDIO RISER DIAGRAM
NO SCALE

SOUND SYSTEM EQUIPMENT LIST

SYM	DESCRIPTION	QTY	ACCEPTABLE TYPES
W	SOUND SYSTEM INPUT	1	EMTECH MSC-W 3 RU
▽	3" DEEP, SINGLE GANG BOX MOUNTED ABOVE COUNTER	1	
□	SOUND/DATA EQUIPMENT RACK, EXISTING	0	
S4	4" LOUDSPEAKER	0FF	ATLAS SOUND FC104T72 LOWELL JR410-1470 ELECTRO-VOICE 205-4T
MA	MIXER AMPLIFIER	1	TOA BG-203S W/ RACK KIT W/ EMTECH SMG-100 MODULE
L(x)	LINE LEVEL CABLE, (X) INDICATES NUMBER OF CABLES, IF MORE THAN ONE	A/R	BELDEN 9451 WEST PENN 454 LIBERTY 22-1P-EZ OR AS APPROVED BY CONSULTANT
S(x)	SPEAKER CABLE, (X) INDICATES NUMBER OF CABLES, IF MORE THAN ONE	A/R	BELDEN 8471 WEST PENN 225 LIBERTY 16-2C-GRY OR AS APPROVED BY CONSULTANT

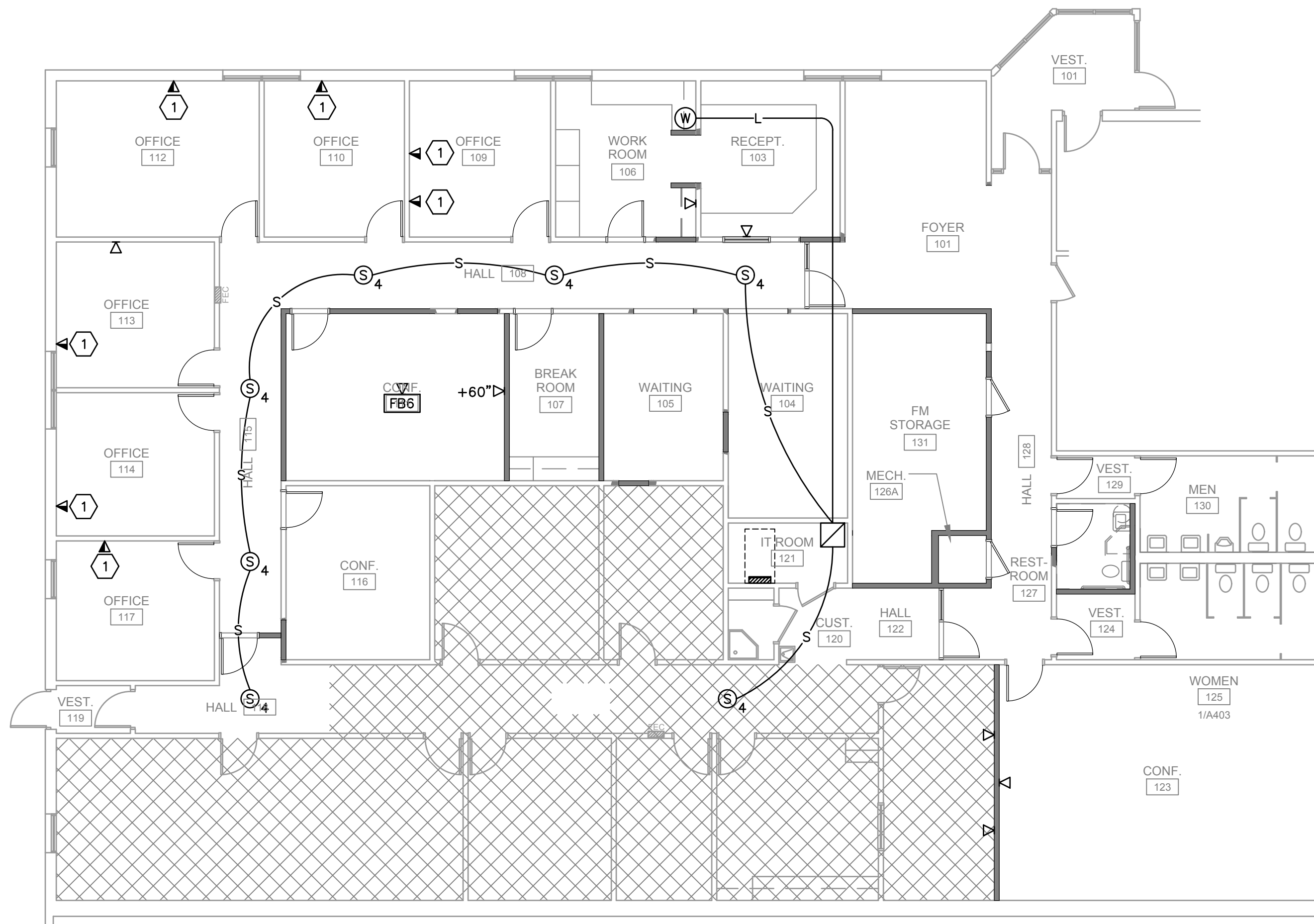
MANUFACTURER'S NAMES AND TELEPHONE NUMBERS ARE LISTED IN THE SPECIFICATIONS
A/R = AS REQUIRED

GENERAL PROJECT NOTES

- EACH VOICE AND DATA OUTLET SHALL HAVE A MINIMUM 1" CONDUIT FORM OUTLET TO EQUIPMENT RACK. INSTALLER IS TO BE FAMILIAR WITH AND COMPLY WITH THE ANSI/TIA/EIA569-C STANDARDS.
- INSTALL EACH CABLE TYPE IN A SEPARATE CONDUIT.
- REFER TO DRAWINGS FOR EXACT NUMBER OF COMPONENTS USED IF NOT SPECIFIED IN EQUIPMENT LIST.
- ALL CONDUITS, WITH OR WITHOUT CABLES SHALL HAVE A PULL STRING.
- LABEL ALL CONDUITS WITH DESTINATION.
- RACEWAY SHALL BE FURNISHED AND INSTALLED BY DIVISION 26. CABLING IS FURNISHED AND INSTALLED BY DIVISION 27. RACEWAY, CABLING, AND TERMINATIONS SHALL BE ACCORDING TO 271501.

SHEET KEYNOTES

- INSTALL NEW DUAL DATA/PHONE JACK IN EXISTING JUNCTION BOX.

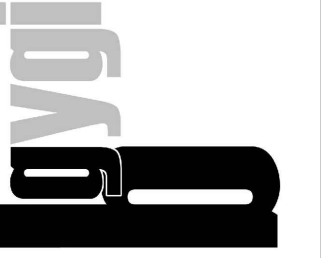


1 PARTIAL NEW TECHNOLOGY SYSTEMS
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