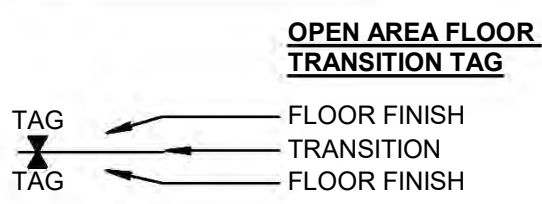
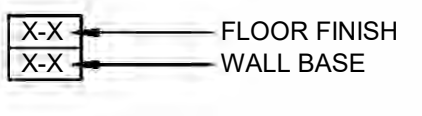


**FINISH PLAN LEGEND**

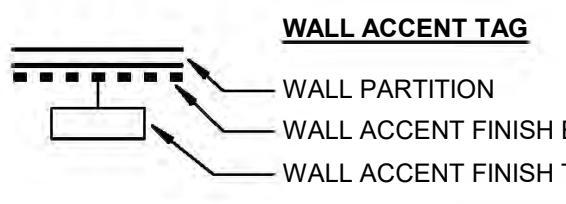
**FLOOR & WALL BASE TAG**



FLOOR TRANSITIONS IDENTIFIED ONLY WHERE FLOOR MATERIAL CHANGES OCCUR WITHIN A ROOM OR SPACE - REFERENCE ROOM FINISH TAGS FOR FINISH CHANGES BETWEEN ROOMS.



FLOOR FINISH ORIENTATION



WALL ACCENT FINISH OCCURS FLR. TO CEILING U.N.O. WHERE 'EXTENTS' LINE CONTINUES OVER DOOR/ FRAME/ WINDOW - IT IS NOT INTENDED FOR THESE ITEMS TO RECEIVE THE ACCENT FINISH. REF. FINISH SCHEDULES FOR FIELD FINISH INFORMATION.

**SPECIALTY EQUIPMENT TAG**



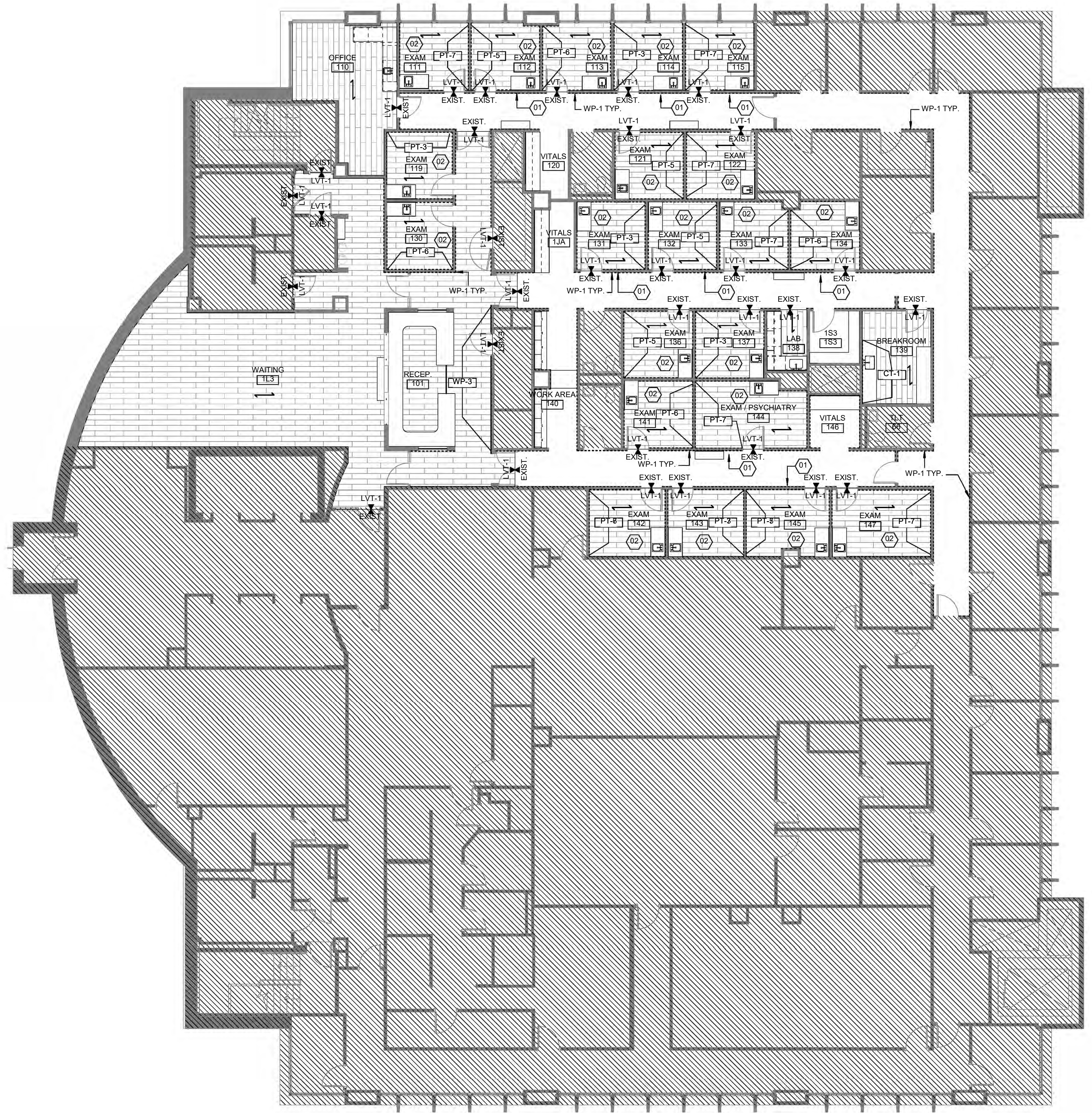
SPECIALTY EQUIPMENT FINISH TAG

**FLOOR PLAN KEYNOTES**

- 01 PATCH AND REPAIR FLOORING TO MATCH EXISTING WHERE MILLWORK WAS REMOVED
- 02 WP-2 AT ALL WALLS. MATCH WP-2 TO WALL PAINT. REFER TO FINISH SCHEDULE FOR MORE INFORMATION.

**FINISH PLAN NOTES - GENERAL**

- A. REFER TO SHEET A700 FOR INTERIORS FINISH SCHEDULE AND TRANSITION DETAILS.
- B. PROVIDE FLOOR TRANSITIONS AT CENTER OF DOOR.
- C. PROVIDE THRESHOLDS WHERE FLOOR CHANGES OCCUR. REFER TO FLOOR TRANSITION DETAILS ON SHEET A700.
- D. CONFIRM ORIENTATION OF DIRECTIONAL MATERIAL WITH ARCHITECT PRIOR TO ORDERING AND INSTALLATION.
- E. REF. INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- F. FINISH FLOORING CONTIGUES UNDER COUNTERTOPS, KNEE SPACES, TOE KICKS, VANITIES, PLUMBING FIXTURES, REMOVABLE MILLWORK, FURNITURE, AND EQUIPMENT, ETC. U.N.O.
- G. PROVIDE CONTROL JOINTS IN FLOOR TILE AND WALL TILE PER TCNA STANDARDS. SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW.
- H. HATCH PATTERN(S) ARE FOR MATERIAL GRAPHIC REPRESENTATION ONLY AND ARE NOT INDICATIVE OF PATTERN, SIZE, ORIENTATION OR INSTALLATION METHOD OF ANY FINISH PRODUCT, U.N.O.
- I. PAINT WALL ACCESS PANELS AND GRILLS TO MATCH ADJACENT SURFACES, U.N.O.
- J. PAINT CEILING ACCESS PANELS AND REGISTERS TO MATCH ADJACENT SURFACE, U.N.O.
- K. REF. PROJECT SPECIFICATIONS AND MANUFACTURER INSTALLATION SPECIFICATIONS FOR FLOOR AND WALL FINISH SUBSTRATE PREP AND INSTALLATION REQUIREMENTS.
- L. ALL DOOR FRAMES AND TRIM TO BE PAINTED PER DOOR SCHEDULE.
- M. REF. FLOOR PLANS AND PARTITION TYPES FOR MATERIAL SUBSTRATES.
- N. REF. RCP'S FOR CEILING MATERIAL INFORMATION AND FINISHES.
- O. TYPICAL WALL PAINT- PT-1 U.N.O.
- P. ALL ACCENT WALL PAINT LOCATIONS AND WALLCOVERING LOCATIONS TO HAVE LEVEL 5 FINISH TYP.
- Q. TYPICAL WALL BASE IS RB-1 U.N.O.
- R. ALL CORRIDORS TO RECEIVE WP-1 WALL PROTECTION. REFER TO FINISH SCHEDULE AND DETAIL B22A700.
- S. NEW CG-1 CORNER GUARDS THROUGHOUT PROJECT SCOPE. REFER TO FINISH SCHEDULE.



**FINISH FLOOR PLAN - LEVEL 1**  
1/8" = 1'-0" A1



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**A710**

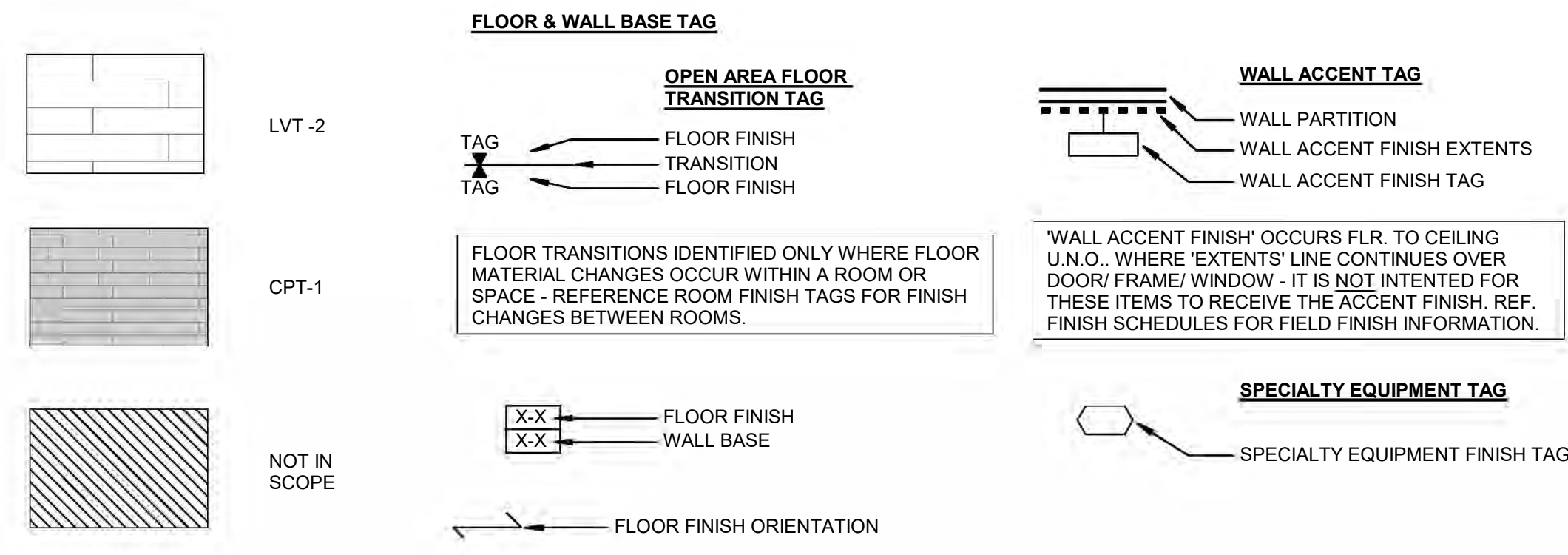
FINISH FLOOR PLAN - LEVEL 1

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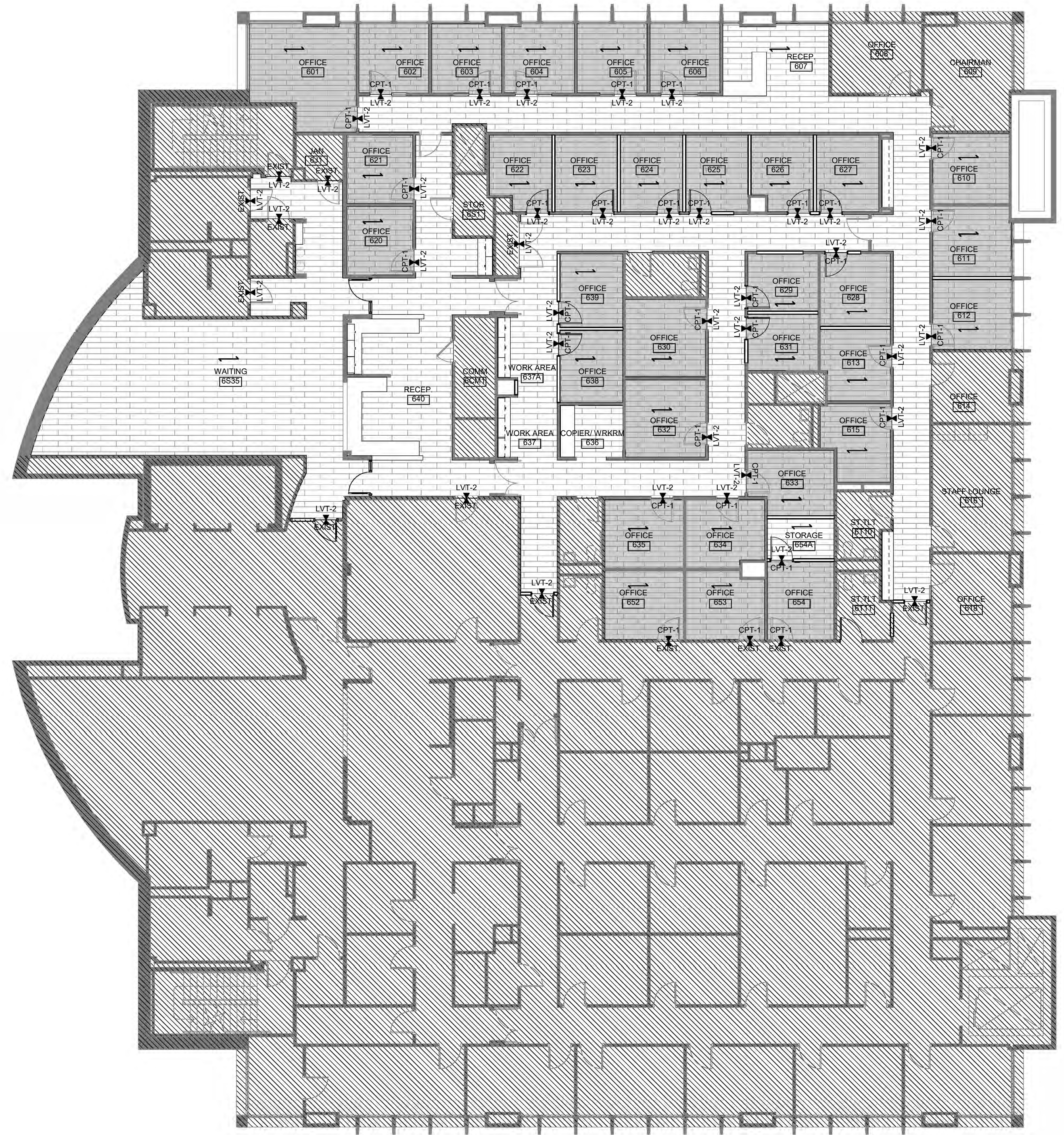
**FINISH PLAN LEGEND**



**FLOOR PLAN KEYNOTES**

**FINISH PLAN NOTES - GENERAL**

- A. REFER TO SHEET A700 FOR INTERIORS FINISH SCHEDULE AND TRANSITION DETAILS.
- B. PROVIDE FLOOR TRANSITIONS AT CENTER OF DOOR.
- C. PROVIDE THRESHOLDS WHERE FLOOR CHANGES OCCUR. REFER TO FLOOR TRANSITION DETAILS ON SHEET A700.
- D. CONFIRM ORIENTATION OF DIRECTIONAL MATERIAL WITH ARCHITECT PRIOR TO ORDERING AND INSTALLATION.
- E. REF. INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- F. FINISH FLOORING CONTIGUES UNDER COUNTERTOPS, KNEE SPACES, TOE KICKS, VANITIES, PLUMBING FIXTURES, REMOVABLE MILLWORK, FURNITURE, AND EQUIPMENT, ETC. U.N.O.
- G. PROVIDE CONTROL JOINTS IN FLOOR TILE AND WALL TILE PER TCNA STANDARDS SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW.
- H. HATCH PATTERNS ARE FOR MATERIAL GRAPHIC REPRESENTATION ONLY AND ARE NOT INDICATIVE OF PATTERN, SIZE, ORIENTATION OR INSTALLATION METHOD OF ANY FINISH PRODUCT. U.N.O.
- I. PAINT WALL ACCESS PANELS AND GRILLS TO MATCH ADJACENT SURFACES. U.N.O.
- J. PAINT CEILING ACCESS PANELS AND REGISTERS TO MATCH ADJACENT SURFACE. U.N.O.
- K. REF. PROJECT SPECIFICATIONS AND MANUFACTURER INSTALLATION SPECIFICATIONS FOR FLOOR AND WALL FINISH SUBSTRATE PREP AND INSTALLATION REQUIREMENTS.
- L. ALL DOOR FRAMES AND TRIM TO BE PAINTED PER DOOR SCHEDULE.
- M. REF. FLOOR PLANS AND PARTITION TYPES FOR MATERIAL SUBSTRATES.
- N. REF. RCP'S FOR CEILING MATERIAL INFORMATION AND FINISHES.
- O. TYPICAL WALL PAINT-PT-1 U.N.O.
- P. ALL ACCENT WALL PAINT LOCATIONS AND WALLCOVERING LOCATIONS TO HAVE LEVEL 5 FINISH TYP.
- Q. TYPICAL WALL BASE IS RB-2 U.N.O.



**FINISH FLOOR PLAN - LEVEL 6**  
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**A711**  
FINISH FLOOR PLAN - LEVEL 6  
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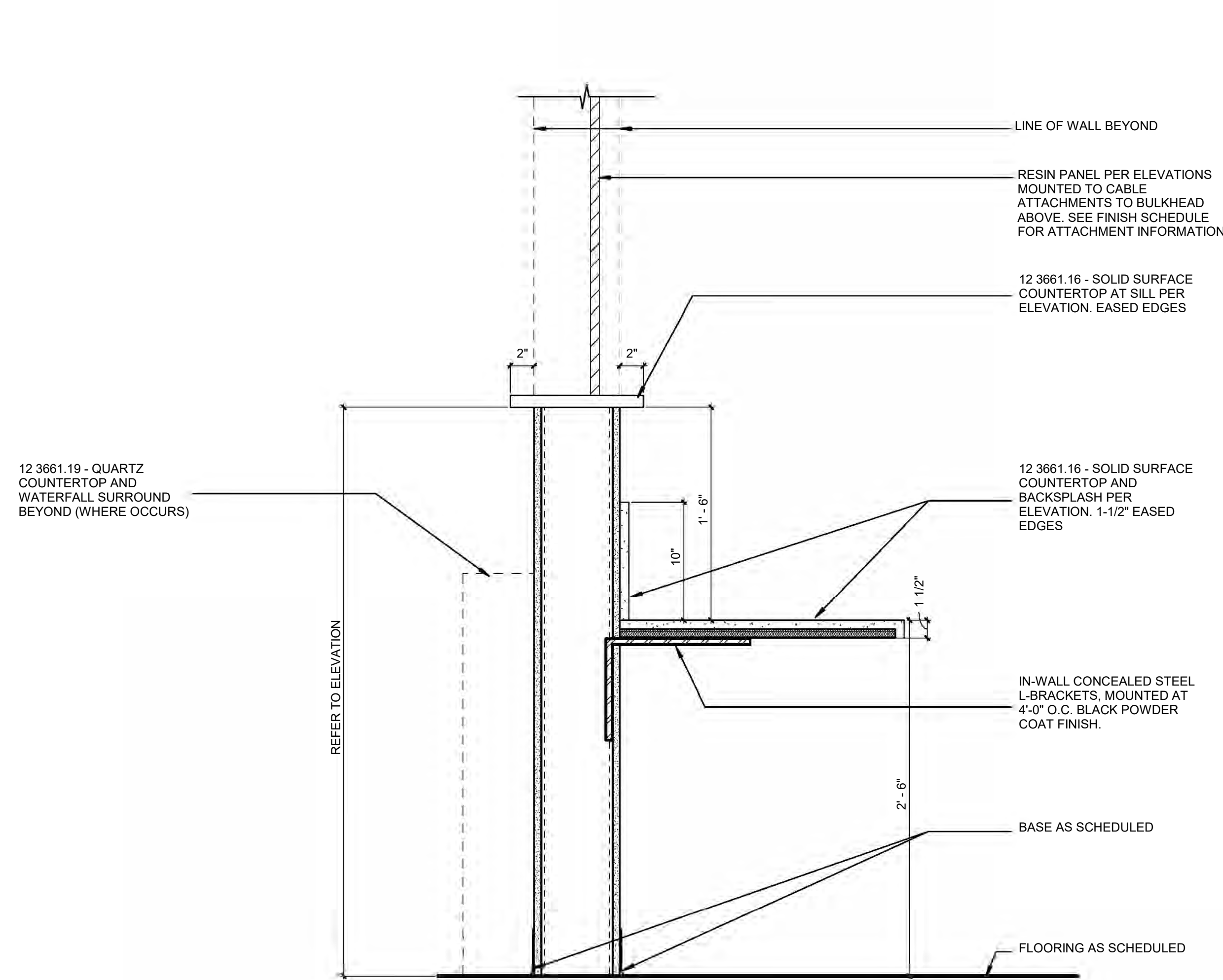
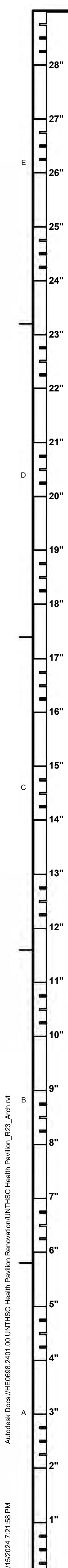
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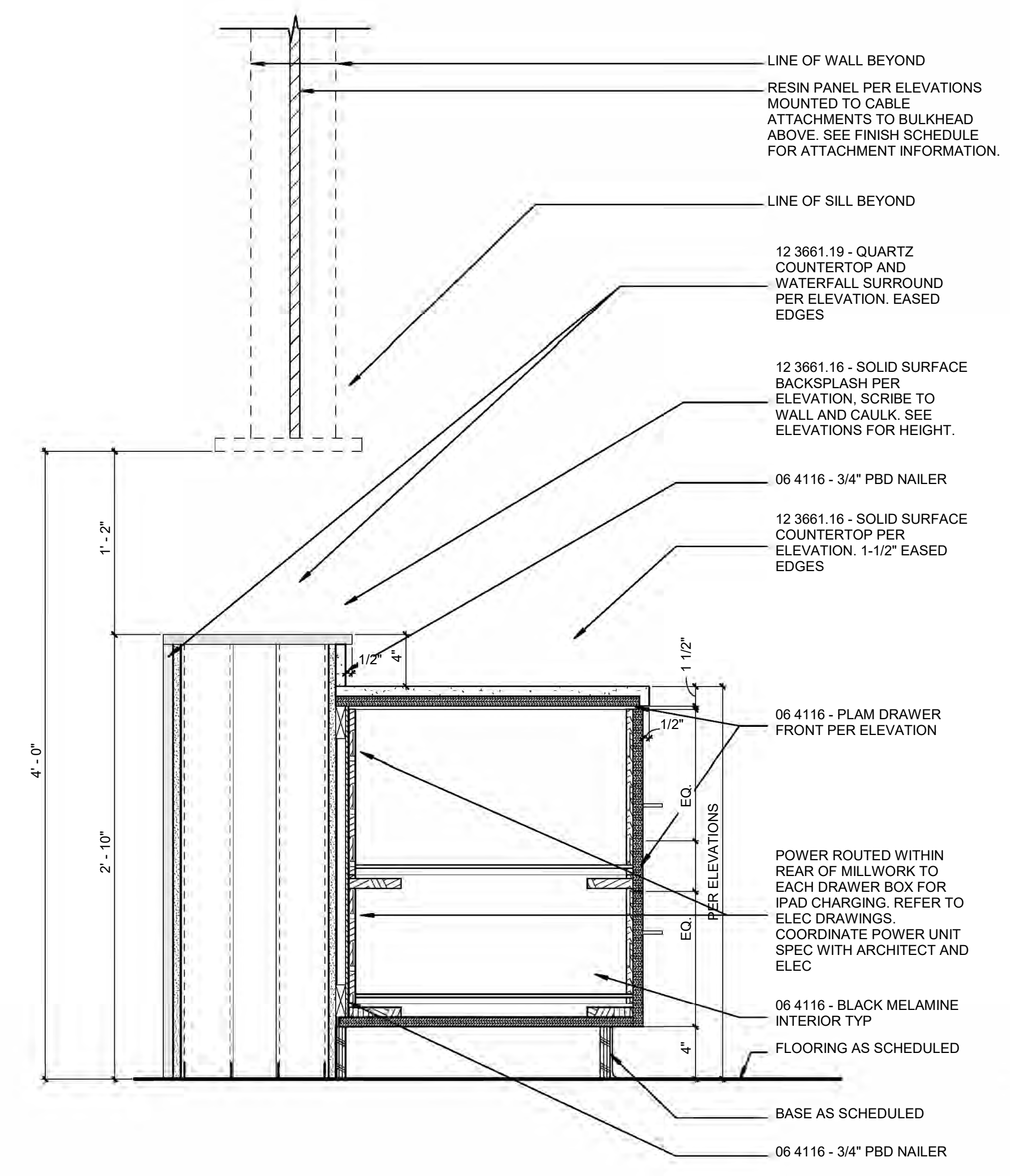
**A752**

MILLWORK DETAILS

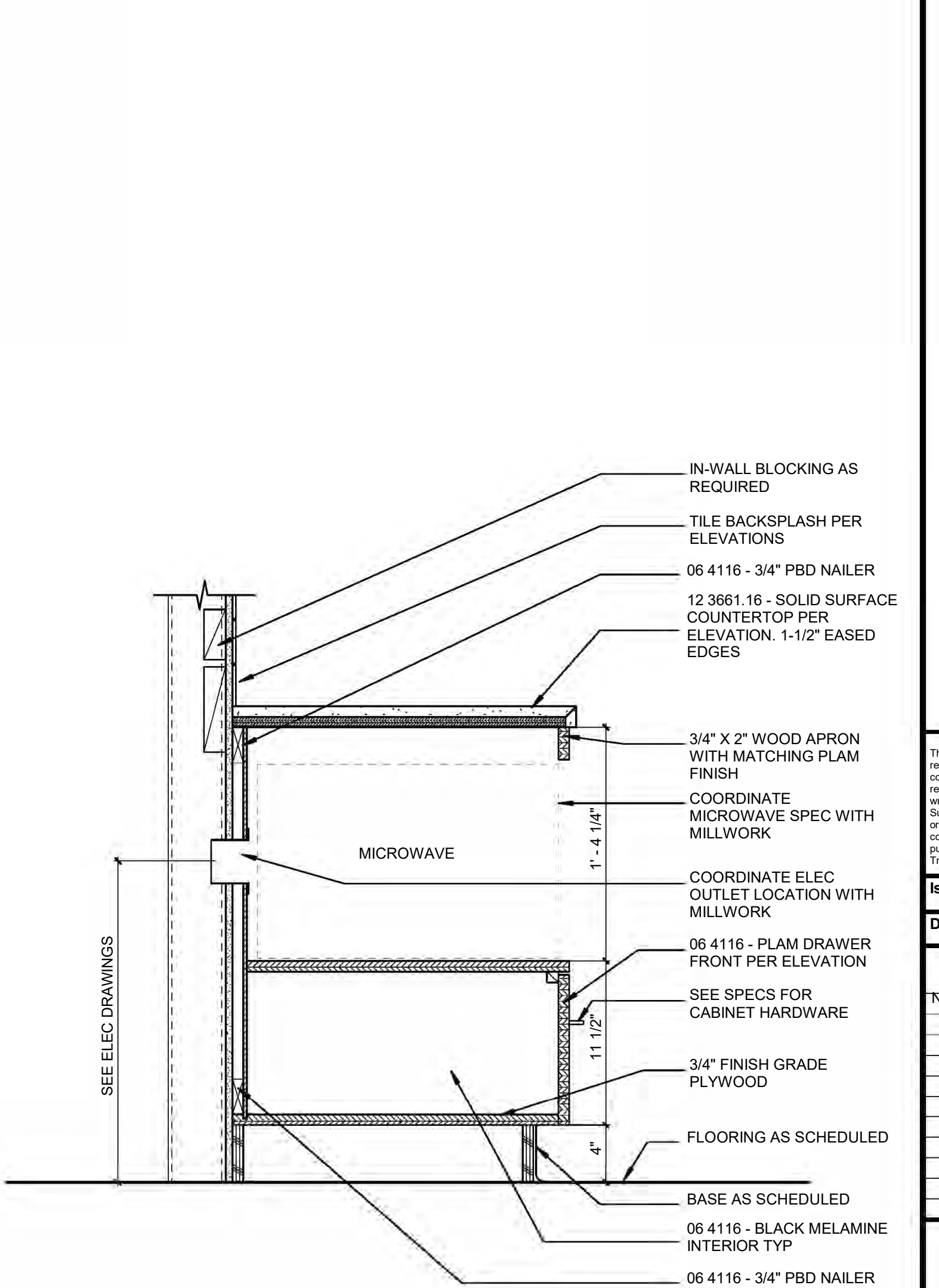
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SECTION AT RECEPTION COUNTER A3  
1 1/2" = 1'-0"



SECTION AT RECEPTION COUNTER AT TRANSACTION WINDOW A2  
1 1/2" = 1'-0"

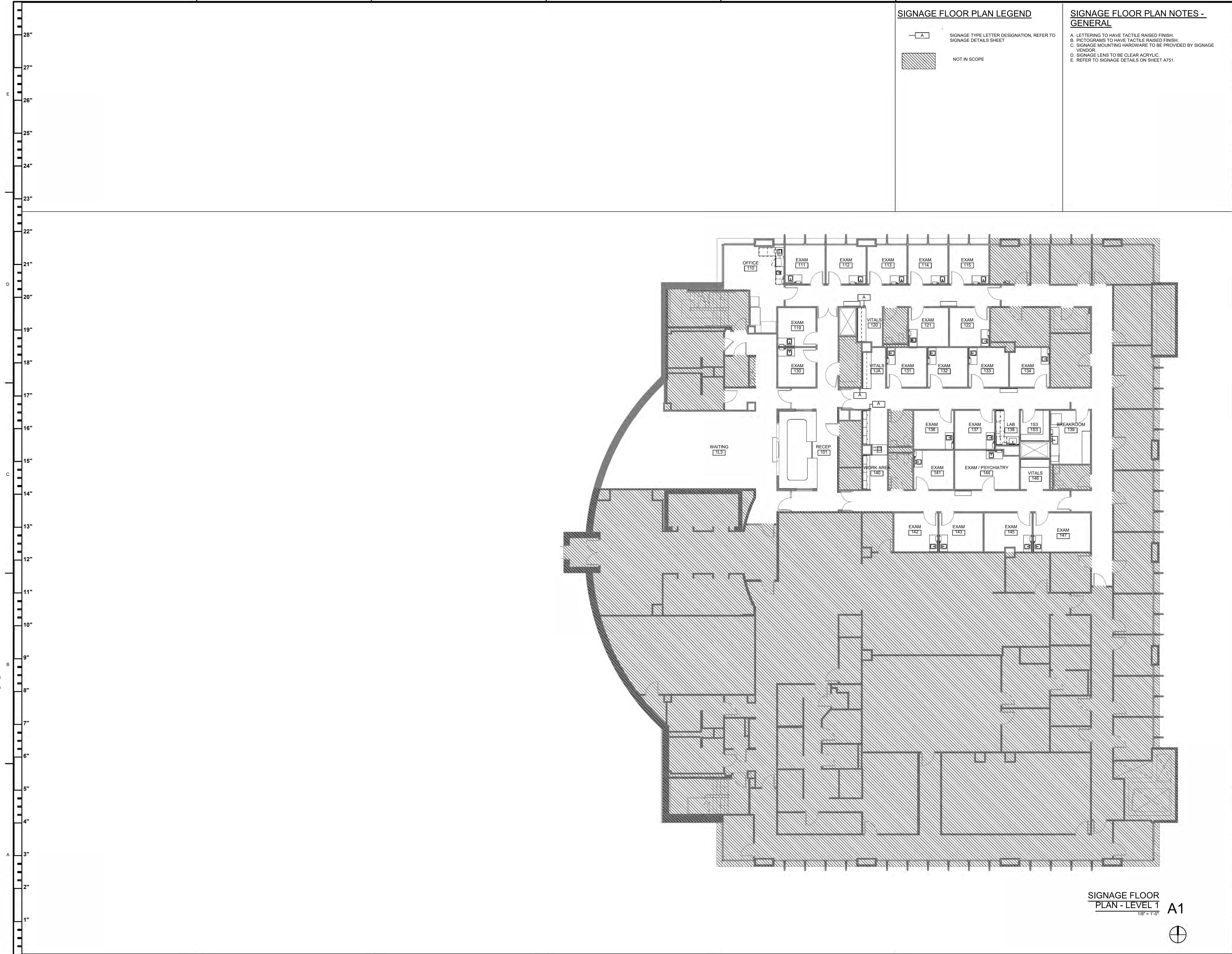


MICROWAVE BASE CABINET A1  
1 1/2" = 1'-0"

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**SIGNAGE FLOOR PLAN LEGEND**

— A — SIGNAGE TYPE LETTER DESIGNATION, REFER TO SIGNAGE DETAILS SHEET

▨ NOT IN SCOPE

**SIGNAGE FLOOR PLAN NOTES - GENERAL**

A. LETTERING TO HAVE TACTILE RAISED FINISH.  
 B. PICTOGRAMS TO HAVE TACTILE RAISED FINISH.  
 C. SIGNAGE MOUNTING HARDWARE TO BE PROVIDED BY SIGNAGE VENDOR.  
 D. SIGNAGE LENS TO BE CLEAR ACRYLIC.  
 E. REFER TO SIGNAGE DETAILS ON SHEET A751.



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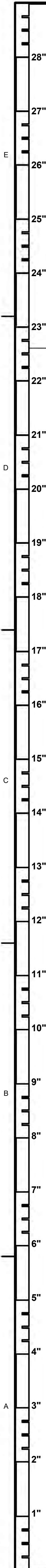
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**SIGNAGE FLOOR PLAN - LEVEL 1**  
 1/8" = 1'-0" A1

**A801**  
 SIGNAGE FLOOR PLAN - LEVEL 1  
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**SIGNAGE FLOOR PLAN LEGEND**

- A — SIGNAGE TYPE LETTER DESIGNATION, REFER TO SIGNAGE DETAILS SHEET
- [Hatched Box] NOT IN SCOPE

**SIGNAGE FLOOR PLAN NOTES - GENERAL**

- A. LETTERING TO HAVE TACTILE RAISED FINISH.
- B. PICTOGRAMS TO HAVE TACTILE RAISED FINISH.
- C. SIGNAGE MOUNTING HARDWARE TO BE PROVIDED BY SIGNAGE VENDOR.
- D. SIGNAGE LENS TO BE CLEAR ACRYLIC.
- E. REFER TO SIGNAGE DETAILS ON SHEET A751.



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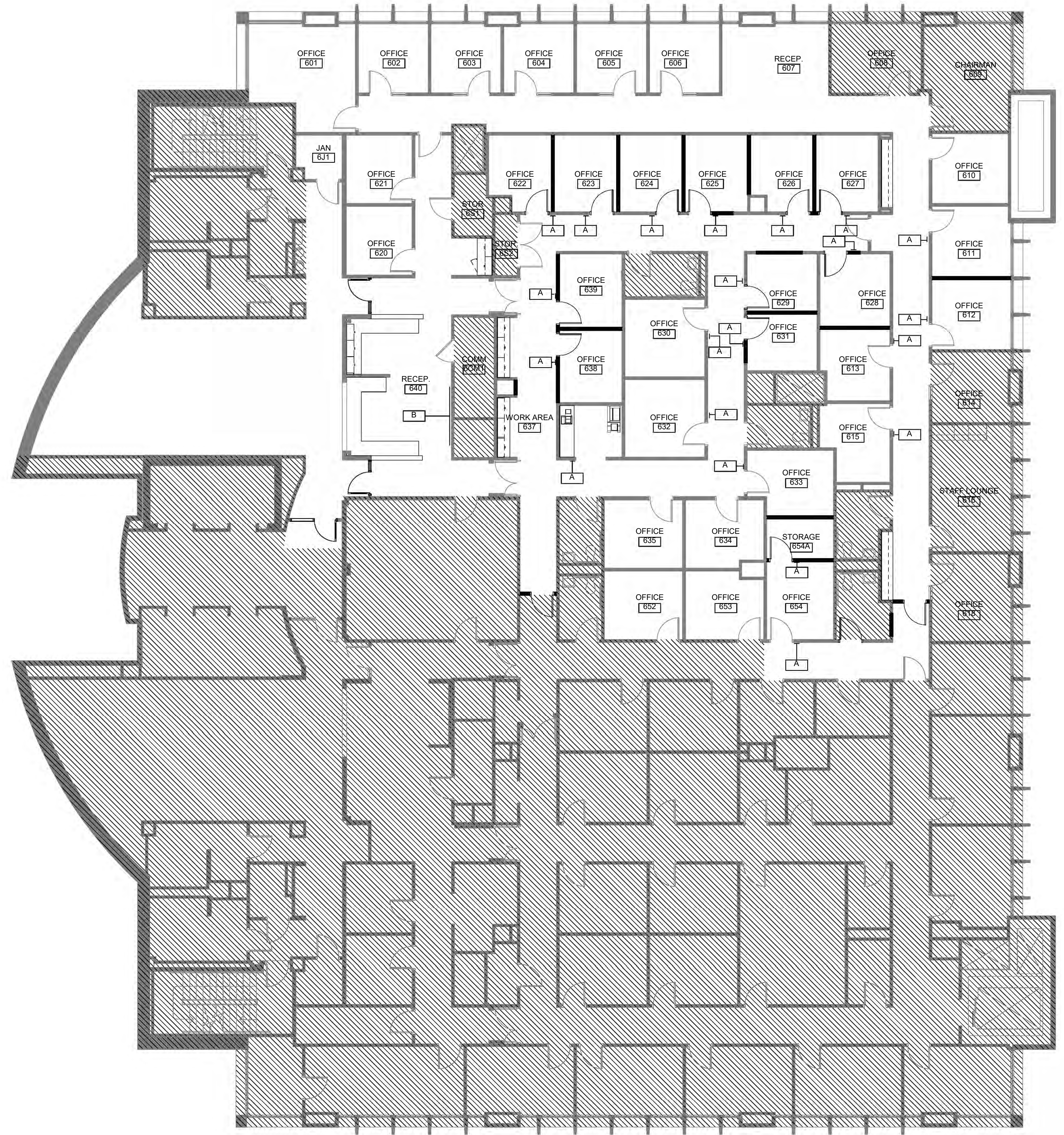


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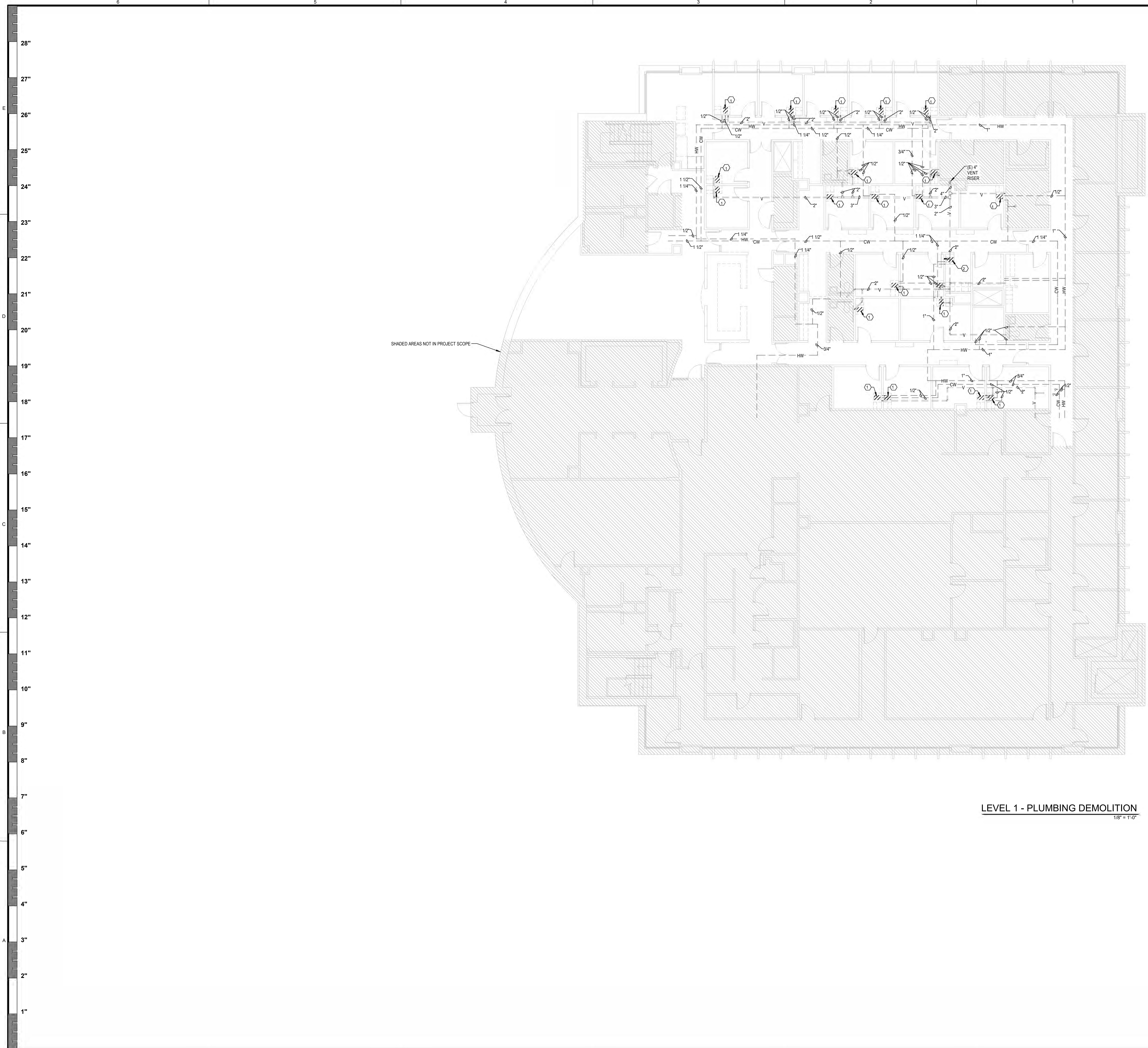
**A802**  
 SIGNAGE FLOOR PLAN - LEVEL 6  
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**SIGNAGE FLOOR PLAN - LEVEL 6**  
 1/8" = 1'-0" A1



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NOTES BY SYMBOL: " O"

- 1 REMOVE EXISTING SINK. REMOVE EXISTING UTILITIES BACK TO WALL AND PREPARE FOR FUTURE CONNECTION.
- 2 REMOVE EXISTING SINK. REMOVE (E) CW AND HW LINES BACK TO ABOVE CEILING AND PREPARE FOR FUTURE CONNECTION. REMOVE (E) W DOWN TO FLOOR AND PLUG. REMOVE (E) V BACK TO MAIN ABOVE CEILING AND PLUG.

SHEET NOTES:

- 1. REFER TO SHEET P201 FOR PLUMBING GENERAL NOTES AND LEGEND.
- 2. THIS BUILDING OUTSIDE THE PROJECT AREA WILL BE OCCUPIED DURING THE CONSTRUCTION OF THIS PROJECT. CONTRACTOR SHALL CAREFULLY COORDINATE AND SCHEDULE ANY REQUIRED SHUTDOWNS WITH THE UNIVERSITY TO MINIMIZE DISTURPTIONS TO BUILDING OCCUPANTS.

LEVEL 1 - PLUMBING DEMOLITION 1/8" = 1'-0" 1



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 BHB PROJECT # 2023.029.008

PD101

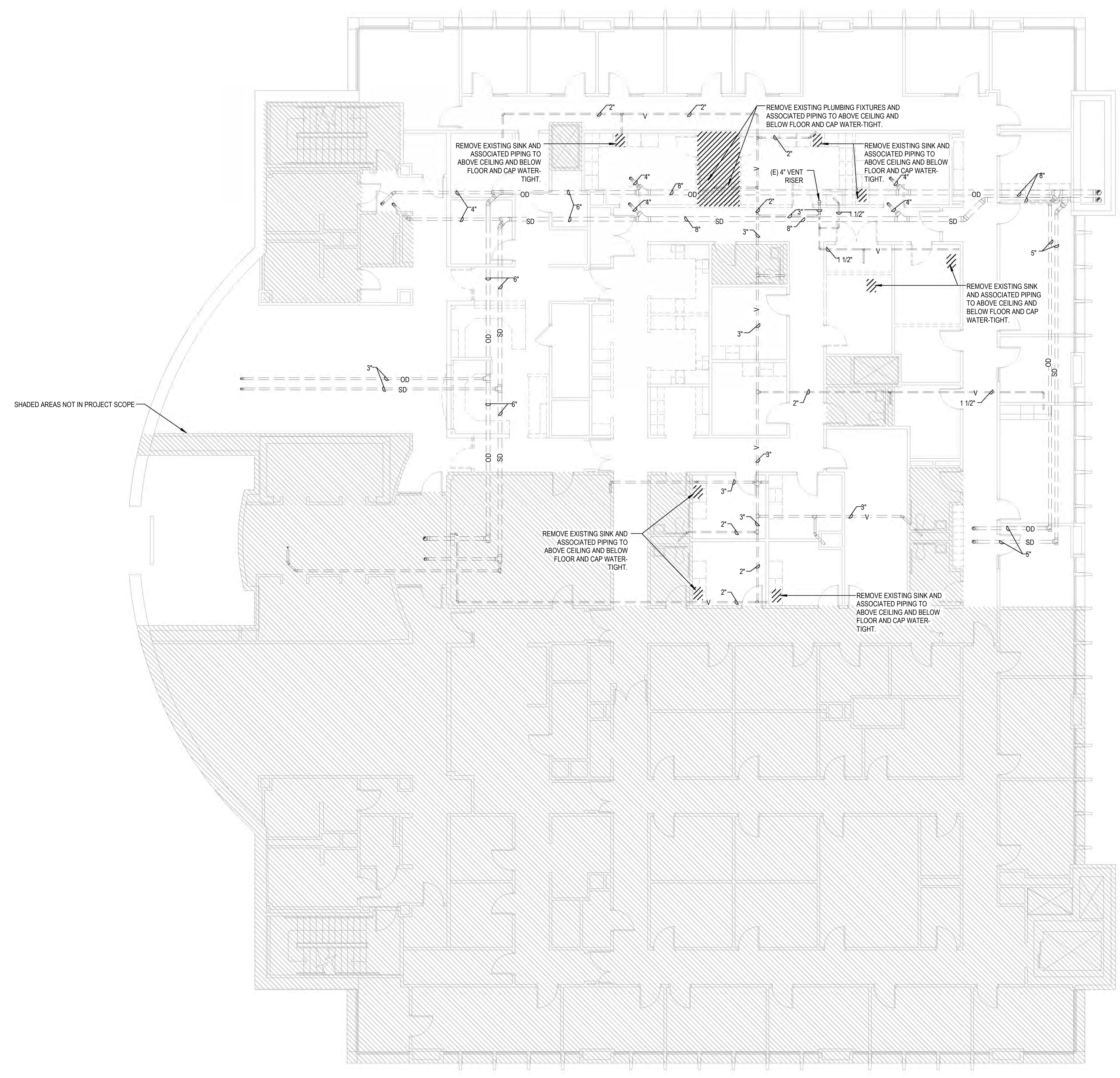
LEVEL 1 FLOOR PLAN - PLUMBING DEMOLITION

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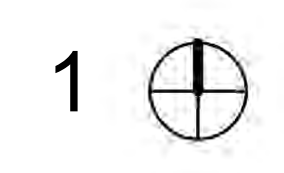
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28"  
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21"  
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17"  
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13"  
12"  
11"  
10"  
9"  
8"  
7"  
6"  
5"  
4"  
3"  
2"  
1"



SHADED AREAS NOT IN PROJECT SCOPE

LEVEL 6 - PLUMBING DEMOLITION  
1/8" = 1'-0"



- SHEET NOTES:**
1. REFER TO SHEET P201 FOR PLUMBING GENERAL NOTES AND LEGEND.
  2. THIS BUILDING OUTSIDE THE PROJECT AREA WILL BE OCCUPIED DURING THE CONSTRUCTION OF THIS PROJECT. CONTRACTOR SHALL CAREFULLY COORDINATE AND SCHEDULE ANY REQUIRED SHUTDOWNS WITH THE UNIVERSITY TO MINIMIZE DISTURPTIONS TO BUILDING OCCUPANTS.



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PD102

LEVEL 6 FLOOR PLAN - PLUMBING DEMOLITION

TreanorHL NO. HE06982401.00







BACKFLOW PREVENTER SCHEDULE				
TAG	LOCATION	SIZE	MANUFACTURER	MODEL NO.
BEZ-1	BREAKROOM 139	3/4"	WATTS	LF099-QT-S

NOTES:

- INSTALL BACKFLOW PREVENTERS IN AN ACCESSIBLE LOCATION.
- PROVIDE A MINIMUM CLEARANCE OF 24" OF FREE AREA IN FRONT OF BACKFLOW PREVENTER FOR ACCESSIBILITY.
- PROVIDE ALL BACKFLOW PREVENTERS WITH SEDIMENT STRAINER, ISOLATION VALVES, AIR GAP, AND FULL-SIZE DRAIN PIPING.
- BACKFLOW PREVENTER SHALL BE CERTIFIED AND SUBMITTED TO THE CITY OF FORT WORTH, UNTHSC, AND ALL AUTHORITIES HAVING JURISDICTION.

PLUMBING FIXTURE SCHEDULE					
TAG	FIXTURE	C	H	W	V
S-1	SINGLE COMPARTMENT SINK UNDERMOUNT, ACCESSIBLE	12"	12"	2"	2"
S-2	SINGLE COMPARTMENT SINK COUNTERTOP, ACCESSIBLE	12"	12"	2"	2"
HD-1	HUB DRAIN	-	-	SEE PLAN	2"

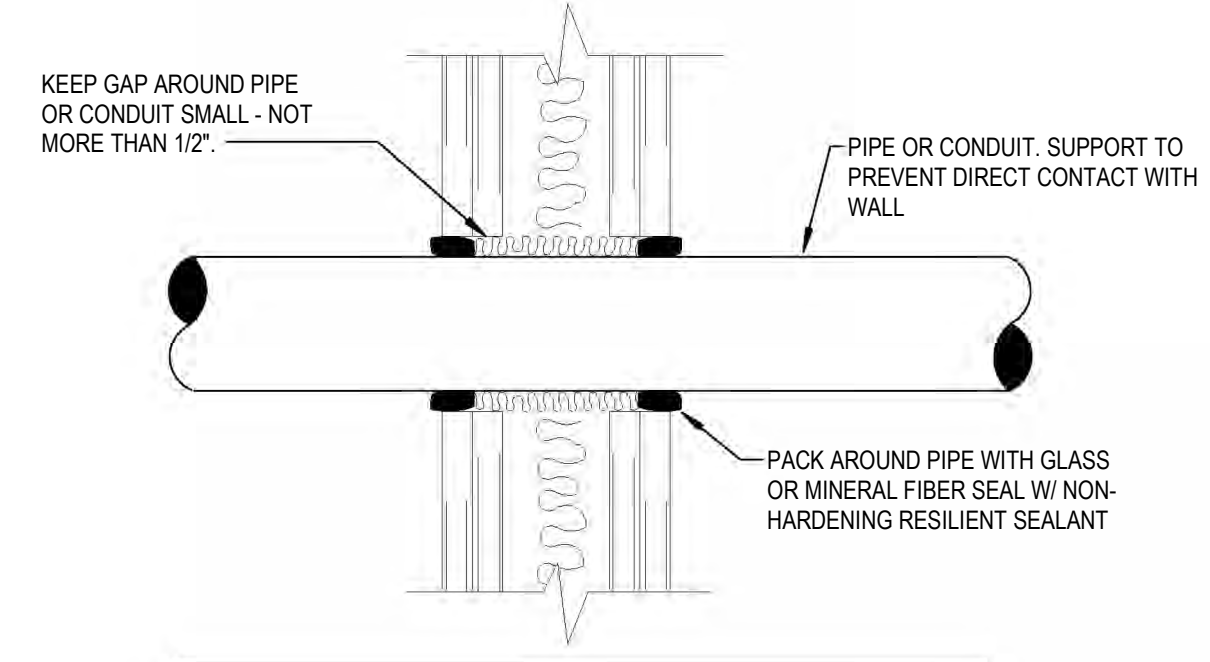
NOTES:

- ALL FIXTURES SHALL MEET LOW WATER CONSUMPTION REQUIREMENTS.
- PROVIDE STOPS AT ALL FIXTURES.
- PROVIDE A COMPLETE ELECTRONIC TRAP PRIMER SYSTEM FOR ALL HUB DRAINS AS REQUIRED BY LOCAL CODE.
- ACCESSIBLE FIXTURES SHALL BE MOUNTED AND INSTALLED PER TAS.
- FIELD VERIFY TRAP PRIMER QUANTITY AND LOCATION TO COMPLY WITH MANUFACTURERS INSTALLATION REQUIREMENTS FOR DRAINAGE PIPE SLOPING.
- PROVIDE TRUE-BRO "LAV-GUARD" INSULATION KIT FOR EXPOSED PIPING AT ALL ACCESSIBLE SINKS AND LAVS.
- REFER TO ARCHITECTURAL DRAWINGS FOR ALL TAS & ADA REQUIRED MOUNTING HEIGHTS FOR PLUMBING FIXTURES.

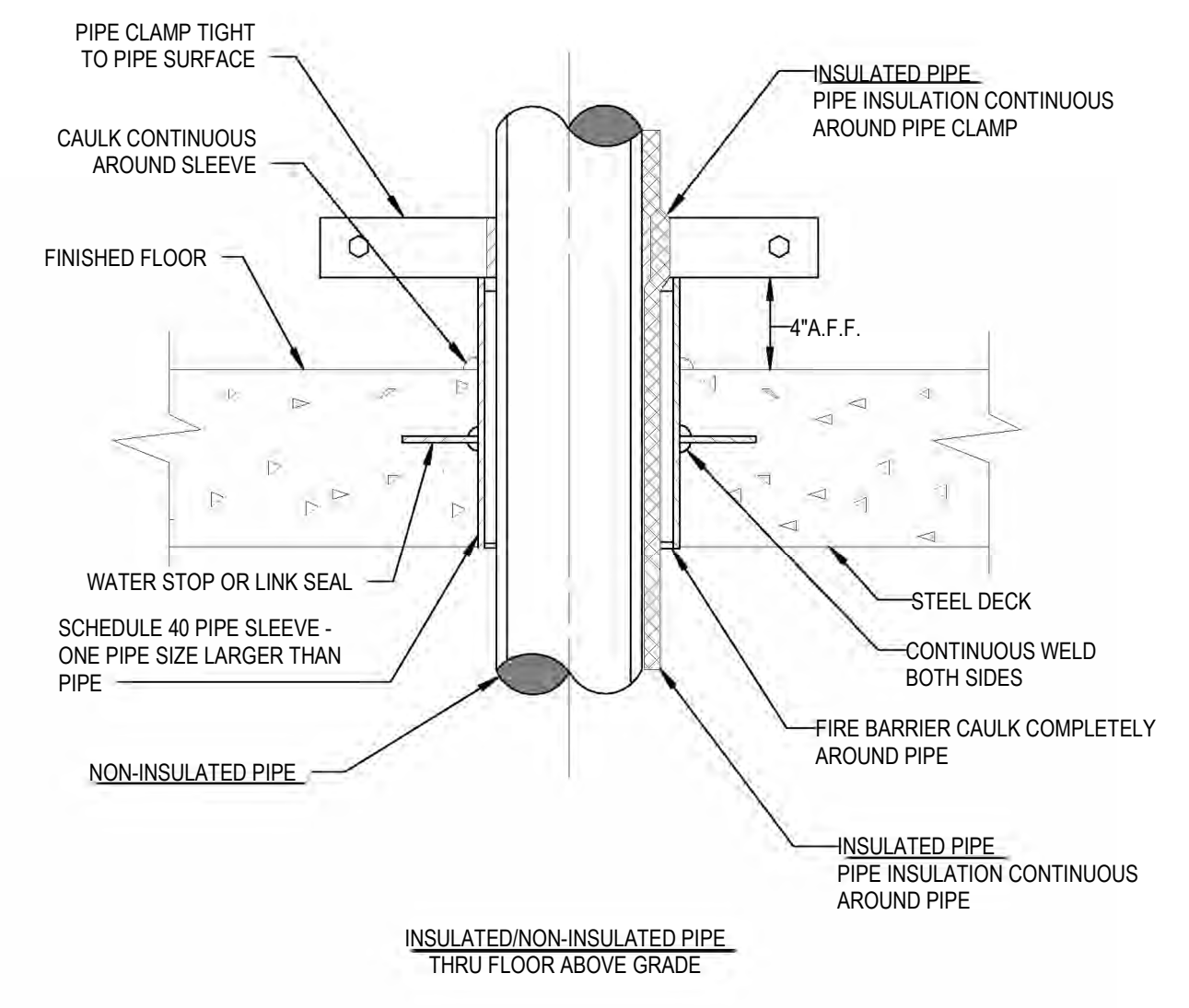
- ### PLUMBING GENERAL NOTES
- FURNISH AND INSTALL ALL MATERIALS AND LABOR REQUIRED TO PROVIDE AND OPERABLE PLUMBING SYSTEMS WITH ALL ITEMS AND APURTENANCES NECESSARY, EVEN THOUGH NOT SPECIFICALLY CALLED OUT.
  - ALL WORK AND/OR MATERIAL SHALL BE INSTALLED BY A LICENSED CONTRACTOR.
  - ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS SPECIFICATIONS AND THE CODES AND ORDINANCES, THE HIGHEST STANDARD SHALL APPLY. THE PLUMBING CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO THE OWNER.
  - CROSS-CONNECTIONS OF ANY FIXTURE, DEVICE OR CONSTRUCTION WHICH WILL PERMIT BACKFLOW CONNECTIONS BETWEEN A WATER DISTRIBUTION SYSTEM AND ANY PART OF THE DRAINAGE SYSTEM SHALL NOT BE INSTALLED.
  - PLUMBING FIXTURES SHALL BE AS SCHEDULED. ALL HANDICAP FIXTURE INSTALLATIONS SHALL BE IN COMPLIANCE WITH ADA AND TAS (TAS ACCESSIBILITY STANDARDS). CONFIRM EXACT LOCATIONS OF ALL PLUMBING FIXTURES WITH ARCHITECT PRIOR TO INSTALLATION. ALL FIXTURES SHALL BE COMPLETE WITH ALL NECESSARY TRIM. ALL EXPOSED METAL PARTS SHALL BE CHROME PLATED BRASS.
  - CONFIRM ROUGH-IN REQUIREMENTS FOR ALL EQUIPMENT PRIOR TO INSTALLATION.
  - COORDINATE EXACT ROUTING OF ALL WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION OF WORK.
  - PROVIDE ELECTRONIC TRAP PRIMERS ALL HUB DRAINS.
  - PROVIDE FACTORY MANUFACTURED WATER HAMMER ARRESTORS WHERE REQUIRED AND/OR INDICATED ON THE DRAWINGS.
  - CONTRACTOR SHALL CONFIRM DEPTHS OF EXISTING SEWER LINES AND CONFIRM ADEQUACY FOR CONNECTION OF NEW SYSTEM. THE ENGINEER SHALL BE NOTIFIED IF THE REQUIRED SLOPES CAN NOT BE MAINTAINED. PRIOR TO INSTALLATION OF ANY NEW PIPING.
  - ALL WATER PASSING THROUGH CONCRETE FLOOR SLABS SHALL BE COMPLETELY ISOLATED FROM THE CONCRETE BY ENCASEMENT IN 1/2" THICK FLEXIBLE FOAM PLASTIC INSULATION FROM WELL BELOW THE BOTTOM OF THE CONCRETE SLAB UP TO TWO INCHES ABOVE THE SLAB.
  - ALL EXPOSED PASSING THROUGH FLOORS, CEILINGS OR WALLS SHALL BE PROVIDED WITH APPROVED PLATES OF SUFFICIENT DIAMETER TO COVER THE SLEEVE OPENING AND FIT SNUGLY AROUND THE PIPE.
  - THIS CONTRACTOR SHALL FURNISH ALL SUPPORTS REQUIRED FOR HIS EQUIPMENT AND MATERIAL. ALL HORIZONTAL RUNS OF PIPING SHALL BE SUPPORTED BY PIPE HANGERS SPACED NOT MORE THAN 10 FEET APART FOR PIPES 1-1/4" AND LARGER, AND 8' FOR PIPES SMALLER THAN 1-1/4". AND AT EACH JOINT FOR SOIL OR WASTE PIPE. ADDITIONAL SUPPORTS SHALL BE PROVIDED WHERE REQUIRED TO PREVENT SAGGING. HANGERS FOR COPPER PIPE SHALL HAVE NYLON INSULATED BUSHINGS OR PIPE SHALL BE WRAPPED WITH 15# FELT.
  - CLEANOUTS BE PROVIDED WHERE INDICATED ON THE DRAWINGS, OR WHERE REQUIRED, TO PROVIDE ACCESS TO ALL LINES AND AT HORIZONTAL RUN AT INTERVALS NOT EXCEEDING 80 FEET IN ALL SOIL, WASTE AND DRAIN LINES. CLEANOUTS SHALL BE SAME AS PIPE EXCEPT CLEANOUTS LARGER THAN 4" WILL NOT BE REQUIRED.
  - DO NOT INSTALL PVC PIPING IN ANY RETURN AIR PLENUMS.

### PLUMBING LEGEND

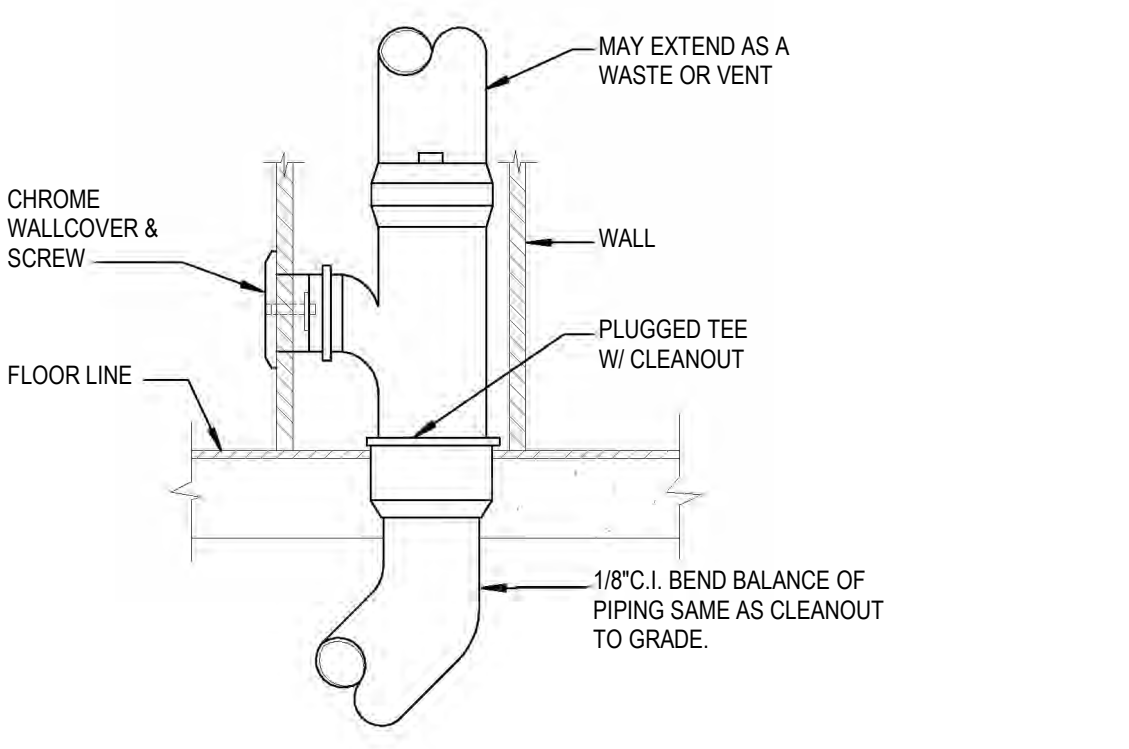
—	COLD WATER (CW)	—	CAP END OF LINE
—	HOT WATER (110°F HW)	—	RISER DOWN
—	HOT WATER RETURN	—	RISER UP
140°	HOT WATER (140°F HW)	—	PIPE ANCHOR
180°	HOT WATER (180°F HW)	—	PLUG CLEANOUT
—	WASTE (SANITARY SEWER)	—	VALVE IN VERTICAL
—	SD STORM DRAIN	—	FLEXIBLE CONNECTION
—	OD OVERFLOW DRAIN	—	DIRECTION OF FLOW
—	AW ACID WASTE	—	DIRECTION OF PITCH (DOWN)
—	GW GREASE WASTE	—	HOSE BIBB
—	CD CONDENSATE DRAIN	—	FLOOR DRAIN
—	VENT	—	FLOOR SINK (FULL OR HALF GRATE AS SPECIFIED)
—	AV ACID VENT	—	ROOF DRAIN
—	G GAS	—	OVER FLOW DRAIN
—	GATE VALVE	—	HUB DRAIN
—	BALL VALVE	—	TRENCH DRAIN
—	CHECK VALVE	—	FIRE RISER
—	BALANCE VALVE	—	PETE'S PLUG (P/T PORT)
—	MOTORIZED SHUTOFF VALVE	—	GAUGE COCK
—	MODULATING CONTROL VALVE	—	GAUGE
—	THREE-WAY MODULATING CONTROL VALVE	—	THERMOMETER
—	BUTTERFLY VALVE	—	PIPE WELL
—	STRAINER	—	THERMOMETER WELL
—	PLUG VALVE	—	CONNECT TO EXISTING
—	GAS PRESSURE REGULATOR	—	CO CLEANOUT
—	UNION	—	FOO FLOOR CLEANOUT
—	CA COMPRESSED AIR	—	WCO WALL CLEANOUT
—	VAC VACUUM	—	GCO GRADE CLEANOUT
—	A AIR	—	DGCO DOUBLE GRADE CLEANOUT
—	O OXYGEN	—	EWC ELECTRIC WATER COOLER
—	N NITROGEN	—	NFHW NON-FREEZE WALL HYDRANT
—	NO NITROUS OXIDE	—	WHA WATER HAMMER ARRESTOR
—	VAC (E) VACUUM	—	VTR VENT THRU ROOF
—	A (E) AIR	—	AVTR ACID VENT THRU ROOF
—	O (E) OXYGEN	—	SD STORM DRAIN
—	N (E) NITROGEN	—	W WASTE
—	NO (E) NITROUS OXIDE	—	DS DOWNSPOUT
—	F FIRE PROTECTION PIPE	—	AFF ABOVE FINISHED FLOOR
—	EXISTING UTILITY	—	EA EACH
—	ITEM TO BE REMOVED	—	IE INVERT ELEVATION
—		—	(E) EXISTING



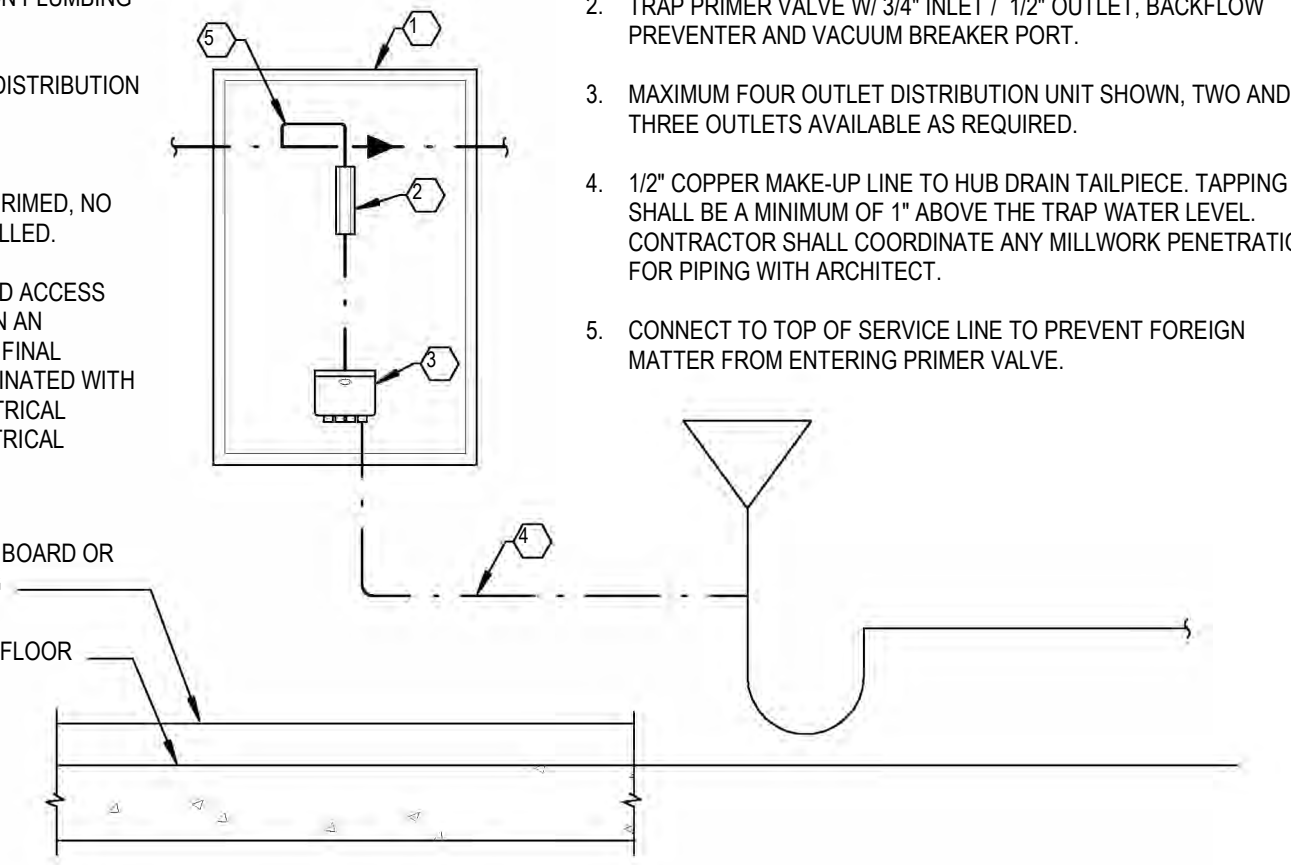
PIPE PENETRATING DRYWALL 1  
NOT TO SCALE



PIPE FLOOR SLEEVE DETAIL 2  
NOT TO SCALE



WALL CLEANOUT DETAIL 3  
NOT TO SCALE



TRAP PRIMER VALVE DETAIL 4  
NOT TO SCALE

### NOTES:

- TYPICAL FOR ALL TRAP PRIMERS FOR THIS PROJECT.
- ALL NEW HUB DRAINS SHALL BE PROVIDED WITH AN ELECTRONIC TRAP PRIMER EQUAL TO PRECISION PLUMBING PRODUCTS MODEL PT-4.
- INSTALL TRAP PRIMER AND DISTRIBUTION UNIT PER MANUFACTURERS INSTRUCTIONS.
- WHERE ONLY ONE TRAP IS PRIMED, NO DISTRIBUTION UNIT IS INSTALLED.
- TRAP PRIMER ASSEMBLY AND ACCESS PANEL SHALL BE LOCATED IN AN ACCESSIBLE LOCATION AND FINAL LOCATION SHALL BE COORDINATED WITH ARCHITECT. CONFIRM ELECTRICAL REQUIREMENTS WITH ELECTRICAL CONTRACTOR.

### NOTES BY SYMBOL: "C"

- ACCESS PANEL SHALL BE LARGE ENOUGH TO RENDER WORKER ACCESS TO THE INSTALLATION. TRAP PRIMER ASSEMBLY AND ACCESS PANEL SHALL BE LOCATED IN AN ACCESSIBLE LOCATION. FIELD VERIFY FINAL LOCATION TO PROVIDE ADEQUATE MAINTENANCE ACCESSIBILITY AND FOR TRAP PRIMER PIPING TO SLOPE TO DRAIN FIXTURES. CONTRACTOR SHALL COORDINATE ANY MILLWORK PENETRATIONS FOR PIPING WITH ARCHITECT.
- TRAP PRIMER VALVE W/ 3/4" INLET / 1/2" OUTLET, BACKFLOW PREVENTER AND VACUUM BREAKER PORT.
- MAXIMUM FOUR OUTLET DISTRIBUTION UNIT SHOWN, TWO AND THREE OUTLETS AVAILABLE AS REQUIRED.
- 1/2" COPPER MAKE-UP LINE TO HUB DRAIN TALLIED. TAPPING SHALL BE A MINIMUM OF 1" ABOVE THE TRAP WATER LEVEL. CONTRACTOR SHALL COORDINATE ANY MILLWORK PENETRATIONS FOR PIPING WITH ARCHITECT.
- CONNECT TO TOP OF SERVICE LINE TO PREVENT FOREIGN MATTER FROM ENTERING PRIMER VALVE.



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P201

PLUMBING SCHEDULES AND DETAILS

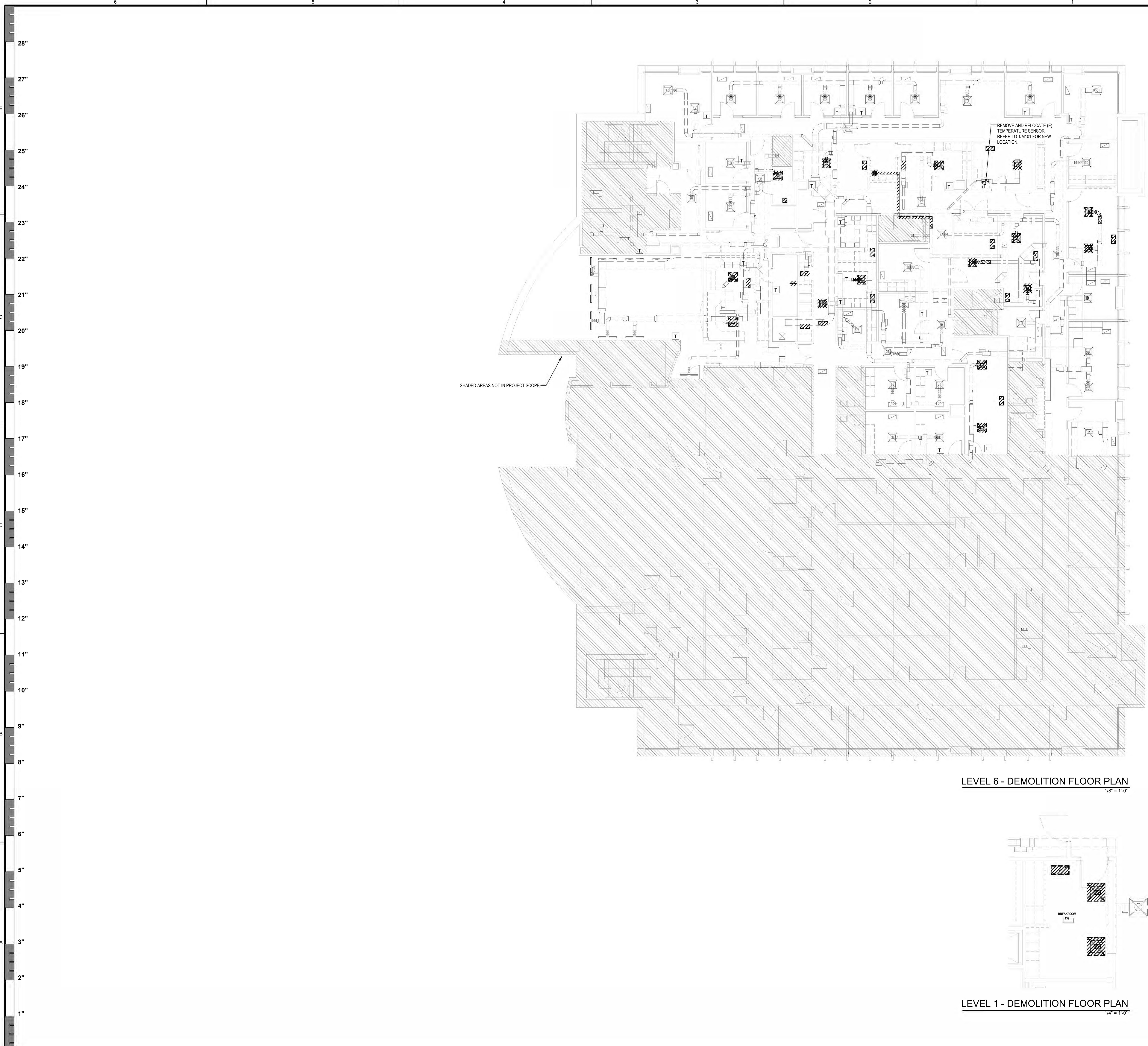


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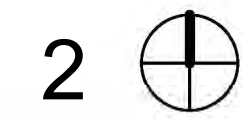
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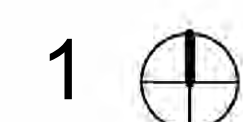
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LEVEL 6 - DEMOLITION FLOOR PLAN  
1/8" = 1'-0"



LEVEL 1 - DEMOLITION FLOOR PLAN  
1/4" = 1'-0"



- SHEET NOTES:**
1. CONTRACTOR SHALL REMOVE ALL DUCTWORK, AIR DEVICES, AND DAMPERS AS SHOWN. CONTRACTOR SHALL PREPARE ALL DUCTWORK TO REMAIN FOR FUTURE CONNECTION AND CAP AIR-TIGHT WHERE REQUIRED. ALL DUCTWORK THAT IS NO LONGER TO BE USED SHALL BE REMOVED. NO ABANDONED DUCTWORK IS ALLOWED.
  2. ALL EXISTING DUCTWORK TO REMAIN SHALL BE CLEANED AND PRESSURE TESTED.
  3. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL EXISTING PIPING AND DUCTWORK AND NOTIFY THE DESIGN TEAM IF THERE ARE ANY CONFLICTS WITH NEW WALL LOCATIONS PRIOR TO COMMENCING WORK.
  4. REFER TO SHEET M201 FOR MECHANICAL GENERAL NOTES AND LEGEND.
  5. THIS BUILDING OUTSIDE THE PROJECT AREA WILL BE OCCUPIED DURING THE CONSTRUCTION OF THIS PROJECT. CONTRACTOR SHALL CAREFULLY COORDINATE AND SCHEDULE ANY REQUIRED SHUTDOWNS WITH THE UNIVERSITY TO MINIMIZE DISRUPTIONS TO BUILDING OCCUPANTS.



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**MD101**

LEVEL 1 & 6 FLOOR PLAN - MECHANICAL DEMOLITION

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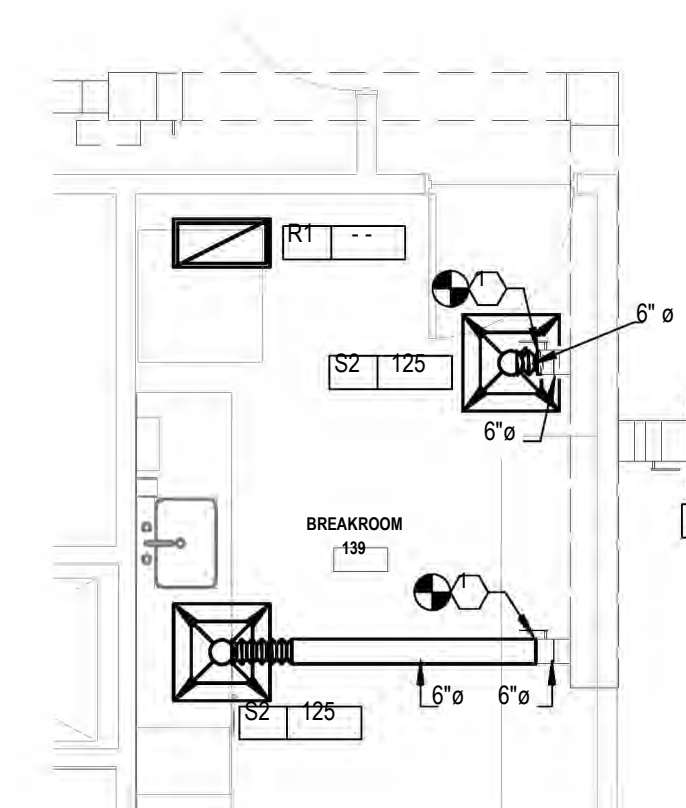


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2"  
1"



LEVEL 6 - FLOOR PLAN 2



LEVEL 1 - MECHANICAL 1

- SHEET NOTES:**
- REFER TO SHEET M201 FOR MECHANICAL GENERAL NOTES AND LEGEND.
  - ALL EXISTING DUCTWORK TO REMAIN SHALL BE CLEANED AND PRESSURE TESTED.
  - REFER TO ARCHITECTURAL DRAWINGS FOR FIRE AND SMOKE RATED PARTITIONS AND ASSOCIATED REQUIREMENTS.
  - CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL EXISTING PIPING AND DUCTWORK AND NOTIFY THE DESIGN TEAM IF THERE ARE ANY CONFLICTS WITH NEW WALL LOCATIONS PRIOR TO COMMENCING WORK.
  - THIS BUILDING OUTSIDE THE PROJECT AREA WILL BE OCCUPIED DURING THE CONSTRUCTION OF THIS PROJECT. CONTRACTOR SHALL CAREFULLY COORDINATE AND SCHEDULE ANY REQUIRED SHUTDOWNS WITH THE UNIVERSITY TO MINIMIZE DISTURBANCES TO BUILDING OCCUPANTS.
  - CONTRACTOR SHALL CLEAN AND RE-INSTALL ALL EXISTING AIR DEVICES WITHIN THE PROJECT AREA THAT ARE INDICATED TO BE RE-USED TO A LIKE-NEW CONDITION. CONTRACTOR SHALL NOTIFY THE DESIGN TEAM AND OWNER IF ANY AIR DEVICES DO NOT APPEAR TO BE IN GOOD CONDITION.

- NOTES BY SYMBOL:**
- CONNECT NEW DUCTWORK TO EXISTING DUCT AND CONTINUE AS SHOWN ABOVE CEILING.
  - INSTALL TRANSFER DUCT ABOVE CEILING WITH FULL SIZE ELBOW AT EACH END WITHOUT TURNING VANES. DUCTWORK SHALL BE LINED WITH 1-1/2" THICK ACUSTICAL LINING (MINIMUM INSTALLED R-VALUE = R-6).
  - RELOCATE EXISTING TEMPERATURE SENSOR TO THIS LOCATION.



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M101

LEVEL 1 & 6 FLOOR PLAN - MECHANICAL

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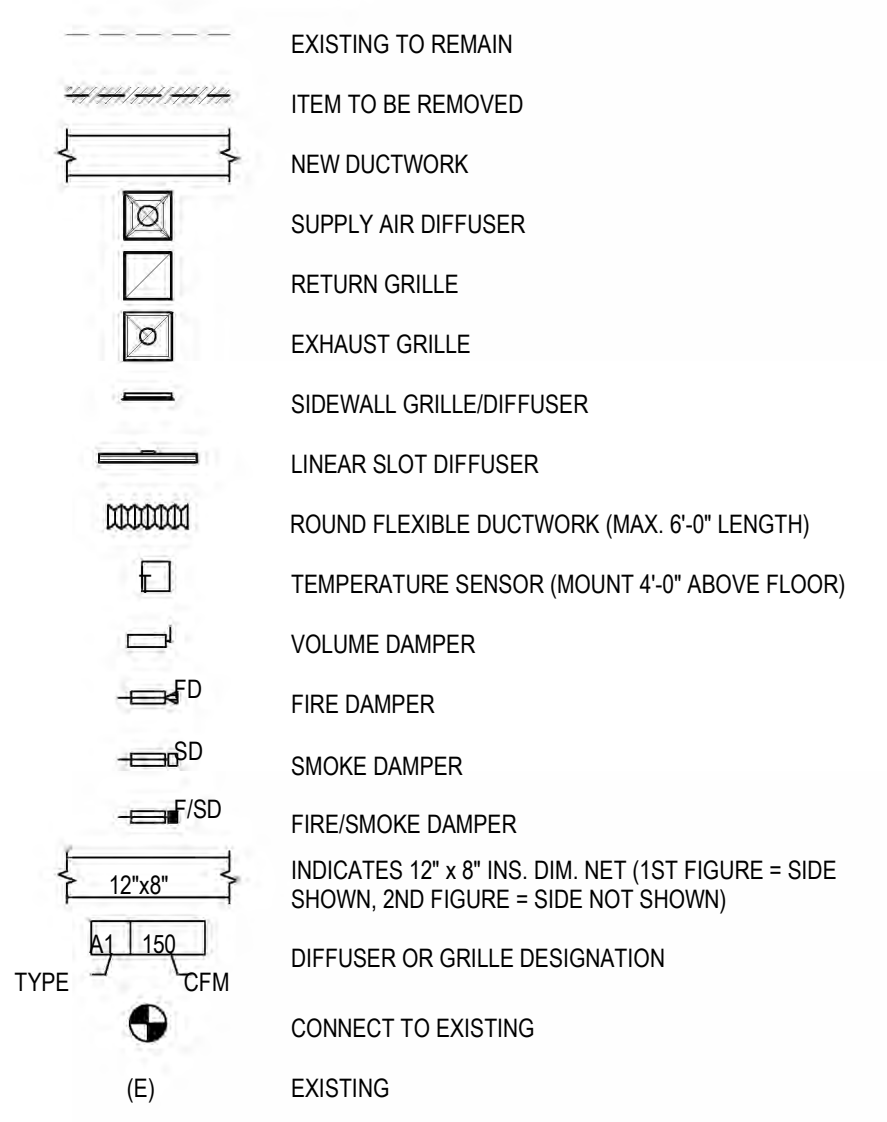
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MECHANICAL SCHEDULES AND DETAILS

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### HVAC LEGEND



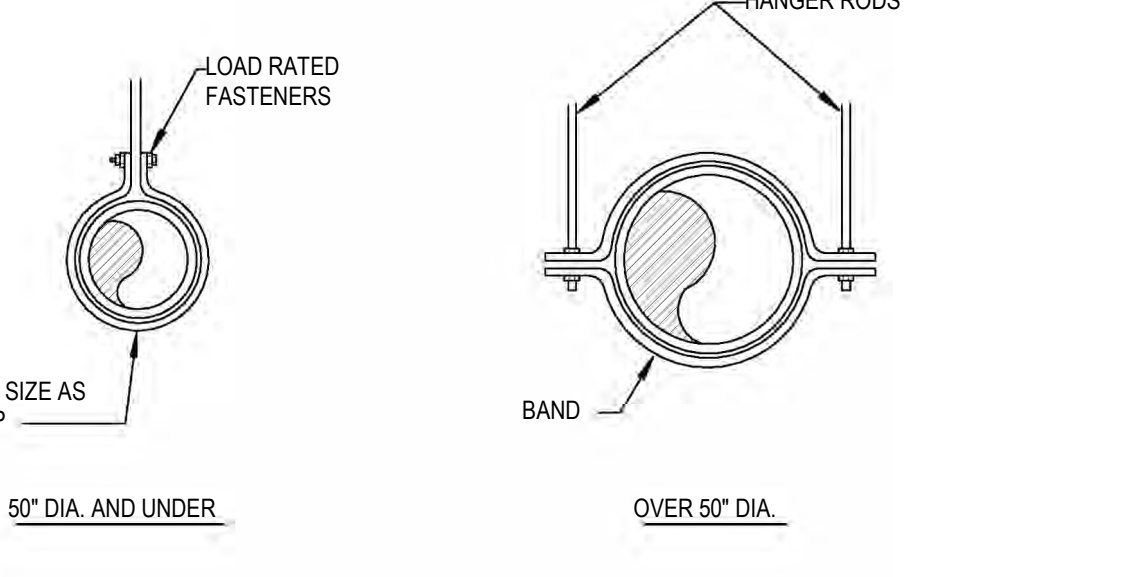
### HVAC GENERAL NOTES

- FURNISH AND INSTALL ALL MATERIALS AND LABOR REQUIRED TO PROVIDE COMPLETE AND OPERABLE HVAC SYSTEMS WITH ALL ITEMS AND APPURTENANCES NECESSARY EVEN THOUGH NOT SPECIFICALLY IDENTIFIED.
- ALL WORK AND/OR MATERIALS SHALL BE INSTALLED BY A LICENSED CONTRACTOR AND SHALL CONFORM TO ALL APPLICABLE NATIONAL AND LOCAL BUILDING AND MECHANICAL CODES.
- ALL DUCTWORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH SMACNA STANDARDS. INSTALL TURNING VANES IN ALL DUCTWORK ELBOWS.
- ALL INTERIOR DUCTS SHALL BE CONSTRUCTED WITH G-90 OR BETTER GALVANIZED STEEL (ASTM A 653A 653M LFG, CHEM TREAT. DUCT EXPOSED TO HIGH HUMIDITY CONDITIONS (I.E. MOISTURE LADEN EXHAUSTS NOT SPECIFIED TO BE STAINLESS STEEL) SHALL BE G-90 OR BETTER GALVANIZED STEEL LFG, CHEM TREAT.
- COORDINATE EXACT ROUTING OF ALL WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION OF WORK.
- MECHANICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF AIR DEVICES AND ROUTINGS OF DUCTWORK WITH REFLECTED CEILING PLANS AND ELECTRICAL LIGHTING LAYOUT.
- ALL SUPPLY AND RETURN AIR DUCTWORK SHALL BE INSULATED WITH 2" THICK, 0.75 LB/CF (MINIMUM) FSK WRAP INSULATION (MINIMUM INSTALLED R-VALUE R-6). FOR DUCTWORK WITH INTERNAL LINER, WRAP INSULATION MAY BE OMITTED.
- FLEXIBLE DUCTWORK RUNOUTS SHALL BE LIMITED TO 6'-0" EXTENDED LENGTH. FLEXIBLE DUCTWORK SHALL BE EQUAL TO ATCO #36. FLEXIBLE DUCTS, BOTH SUPPLY AND RETURN, SHALL HAVE INSULATION WITH A MINIMUM R-VALUE OF 6.0, PER IECC. DUCT SHALL HAVE A CONTINUOUS FLEXIBLE FIBERGLASS SHEATH WITH UL APPROVED METALIZED POLYESTER BARRIER JACKET.
- ALL DUCT DIMENSIONS SHOWN ARE NET CLEAR INSIDE DIMENSIONS.
- MOUNT ALL TEMPERATURE SENSORS 4'-0" ABOVE FLOOR (TYPICAL).
- FOR ALL VOLUME DAMPERS LOCATED A HARD CEILING, PROVIDE AND INSTALL A WORM GEAR REMOTE VOLUME DAMPER REGULATOR. INSTALL KEY ACCESS IN THE CEILING DIRECTLY BELOW THE DAMPER AND PAINT CAP TO MATCH CEILING.
- DO NOT ROUTE ANY DUCTWORK OR PIPING OVER ELECTRICAL PANELS OR I.T. SERVERS.
- THE MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE OWNER'S TESTING AND AGENCY TO TEST AND BALANCE THE HVAC SYSTEMS. SYSTEMS SHALL BE BALANCED PER SPECIFICATION REQUIREMENTS. THE CONTRACTOR SHALL PLACE ALL SYSTEMS AND EQUIPMENT INTO FULL OPERATION FOR TESTING AND BALANCING. ONE COPY OF THE FINAL TEST AND BALANCE REPORT WITH THE AABC NATIONAL PERFORMANCE GUARANTY SHALL BE SENT DIRECTLY TO THE ENGINEER OF RECORD. PROVIDE FIVE (5) ADDITIONAL COPIES TO THE CONTRACTOR.
- FLEXIBLE DUCTS SHALL BE SECURED TO THE MAIN SUPPLY HEADER WITH STEEL STRAPS.
- EACH BRANCH DUCT SHALL BE PROVIDED WITH A MANUAL VOLUME BALANCING DAMPER. ALL MANUAL VOLUME BALANCING DAMPERS SHALL BE PROVIDED WITH ORANGE RIBBON ON THE HANDLE FOR TEST AND BALANCING.

### AIR DEVICE SCHEDULE

TAG	DESCRIPTION	OPPOSED BLADE DAMPER	FINISH	MANUFACTURER	MODEL NO.
S1	12"x12" SQ. LOUVERED FACE CEILING DIFFUSER 8" NECK	YES	B12 WHITE	PRICE	SCD
S2	24"x24" SQ. LOUVERED FACE CEILING DIFFUSER 8" NECK	YES	B12 WHITE	PRICE	SCD
S3	24"x24" SQ. LOUVERED FACE CEILING DIFFUSER 8" NECK	YES	B12 WHITE	PRICE	SCD
R1	12"x24" PERFORATED FACE CEILING GRILLE 10"x22" NECK	NO	B12 WHITE	PRICE	PODR
R2	24"x24" PERFORATED FACE CEILING GRILLE 22"x22" NECK	NO	B12 WHITE	PRICE	PODR

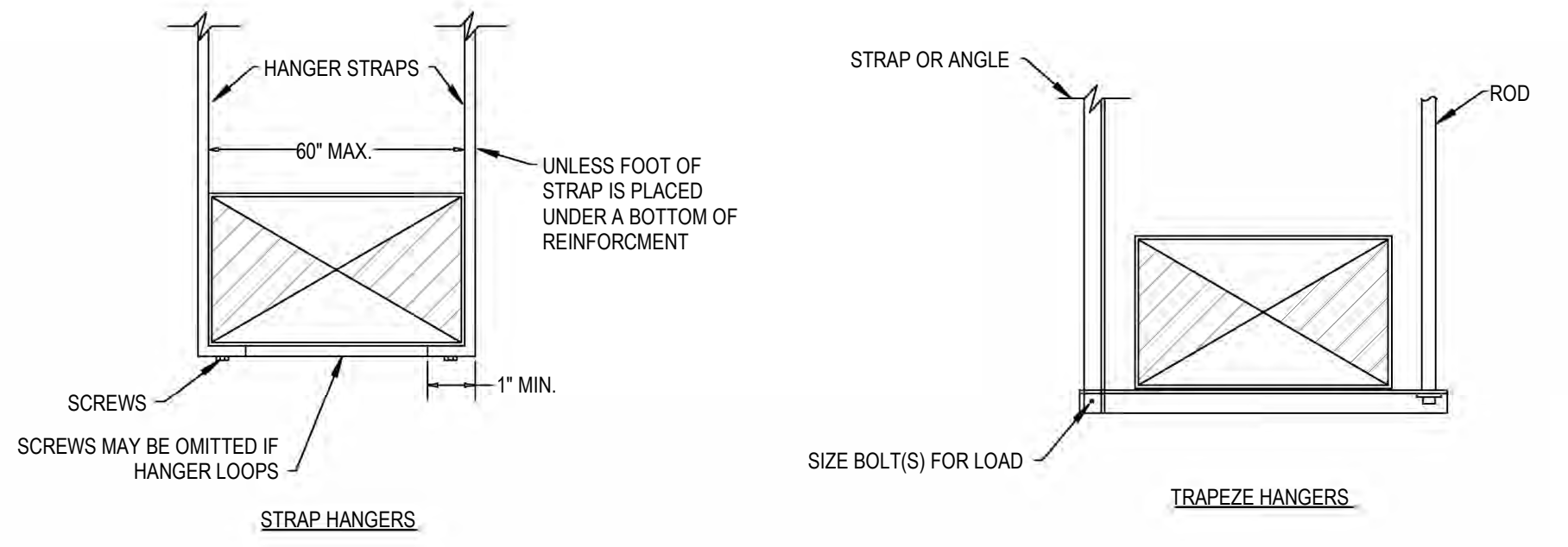
- NOTES:
- ALL SUPPLY DIFFUSERS LISTED AS LOUVERED FACE TYPE SHALL BE (4) CONE LOUVER TYPE.
  - REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
  - ALL AIR DEVICES INSTALLED IN GYP BOARD, PLASTER, OR OTHER HARD CEILING SHALL HAVE A SEPARATE MOUNTING FRAME.



### HANGER STRAPS OR RODS

MAX. DUCT DIA.	HANGER	MAX. LOAD LBS.	MAX. SPACING FT.
26"	ONE 1" X 22 GA STRAP	260	12
36"	ONE 1" X 18 GA STRAP	420	12
50"	ONE 1" X 16 GA STRAP	700	12
60"	TWO 3/8" DIA. RODS	1320	12
84"	TWO 1/2" DIA. RODS	2500	12

NOTES:  
1. TABULATED DATA FROM SMACNA ALLOWS FOR DUCT REINFORCING AND INSULATION, BUT NO EXTERNAL LOAD.



### RECTANGULAR DUCT HANGERS MINIMUM SIZE

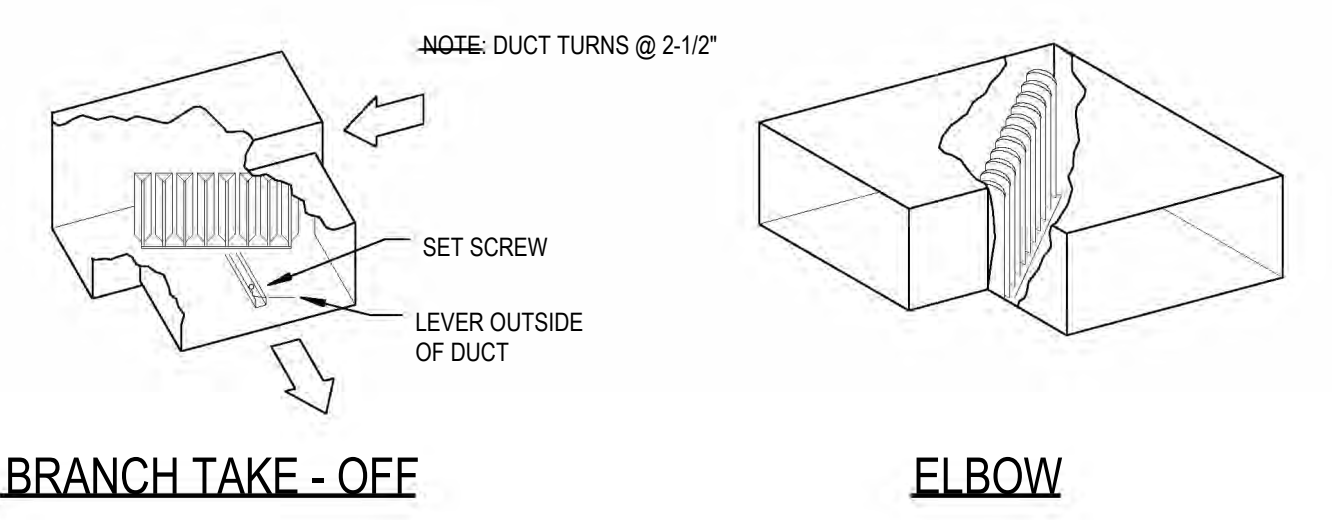
MAXIMUM HALF OF DUCT PERIMETER	PAIR AT 10 FT. SPACING		PAIR AT 8 FT. SPACING		PAIR AT 5 FT. SPACING		PAIR AT 4 FT. SPACING	
	STRAP	WIRE/ROD	STRAP	WIRE/ROD	STRAP	WIRE/ROD	STRAP	WIRE/ROD
P12-30"	1" X 22 GA.	10 GA. (135")	1" X 22 GA.	10 GA. (135")	1" X 22 GA.	12 GA. (106")	1" X 22 GA.	10 GA. (135")
P12-72"	1" X 18 GA.	3/8"	1" X 20 GA.	1/4"	1" X 22 GA.	1/4"	1" X 22 GA.	1/4"
P12-96"	1" X 16 GA.	3/8"	1" X 18 GA.	3/8"	1" X 20 GA.	3/8"	1" X 22 GA.	1/4"
P12-120"	1-1/2" X 16 GA.	1/2"	1" X 16 GA.	3/8"	1" X 18 GA.	3/8"	1" X 20 GA.	1/4"
P12-168"	1-1/2" X 16 GA.	1/2"	1-1/2" X 16 GA.	1/2"	1" X 16 GA.	3/8"	1" X 18 GA.	3/8"
P12-192"	NOT GIVEN	1/2"	1-1/2" X 16 GA.	1/2"	1" X 16 GA.	3/8"	1" X 16 GA.	3/8"

WHEN STRAPS ARE LAP JOINED USE THESE MINIMUM FASTENERS:

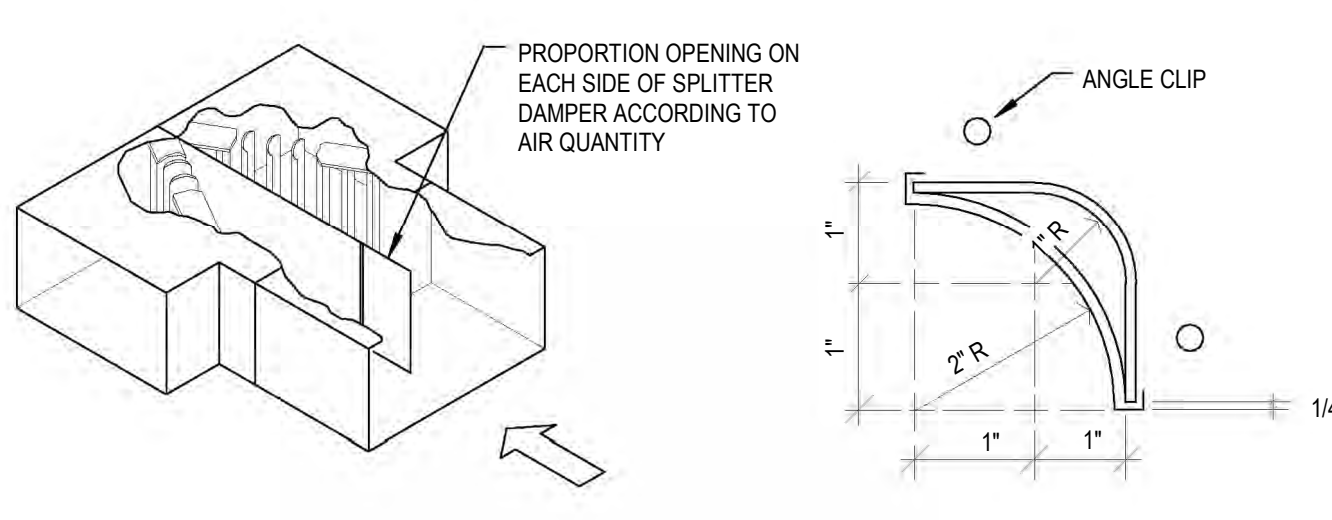
STRAP	WIRE OR ROD (DIA.)	
1" X 18, 20, 22 GA. - TWO #10 OR ONE 1/4" BOLT	1" X 22 GA. - 260 LBS	0.106" - 80 LBS
1" X 16GA. - TWO 1/4" DIA.	1" X 20 GA. - 320 LBS	0.135" - 120 LBS
1-1/2" X 16 GA. - TWO 3/8" DIA.	1" X 18 GA. - 420 LBS	0.162" - 160 LBS
PLACE FASTENERS IN SERIES, NOT SIDE BY SIDE.	1" X 16 GA. - 700 LBS	1/4" - 270 LBS
	1-1/2" X 16 GA. - 1100 LBS	3/8" - 690 LBS
		1/2" - 1250 LBS
		5/8" - 2000 LBS
		3/4" - 3000 LBS

- NOTES:
- REFER TO LATEST EDITION OF SMACNA HVAC DUCT CONSTRUCTION STANDARDS FOR ADDITIONAL DETAIL. DUCT HANGERS SHALL MEET THIS STANDARD.
  - DIMENSIONS OTHER THAN GAGE ARE IN INCHES.
  - TABLES ALLOW FOR DUCT WEIGHT, 1 LB./SF INSULATION WEIGHT AND NORMAL REINFORCEMENT AND TRAPEZE WEIGHT, BUT NO EXTERNAL LOADS!
  - STRAPS ARE GALVANIZED STEEL. OTHER MATERIALS ARE UNCOATED STEEL.
  - ALLOWABLE LOADS FOR P12 ASSUME THAT DUCTS ARE 16 GA MAXIMUM, EXCEPT THAT WHEN MAXIMUM DUCT DIMENSION (W) IS OVER 60" THEN P12 MAXIMUM IS 1.25 W.
  - 12, 10, OR 8 GA WIRE IS STEEL OF BLACK ANNEALED, BRIGHT BASIC, OR GALVANIZED TYPE.

### RECTANGULAR DUCT HANGERS

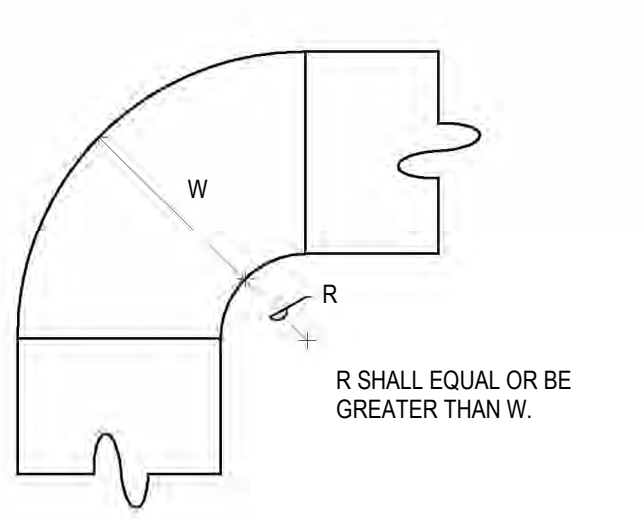
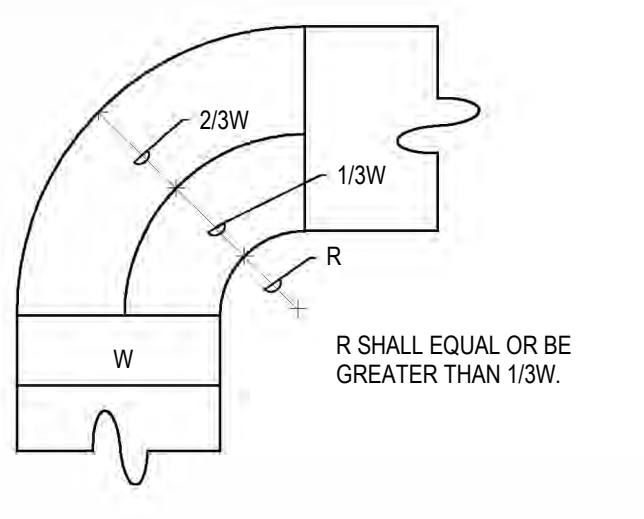
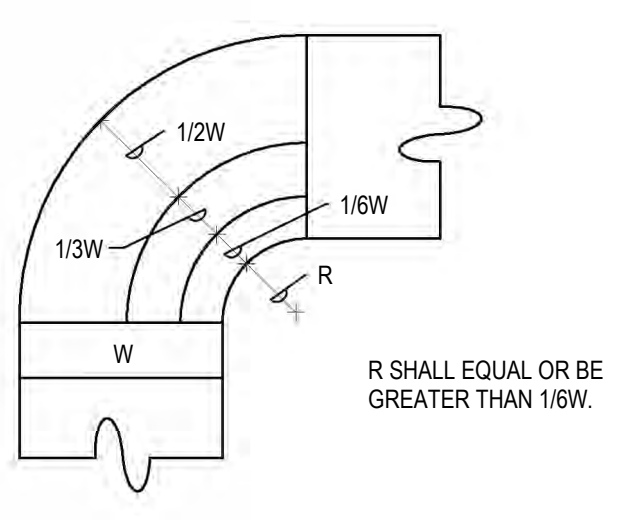


BRANCH TAKE - OFF ELBOW



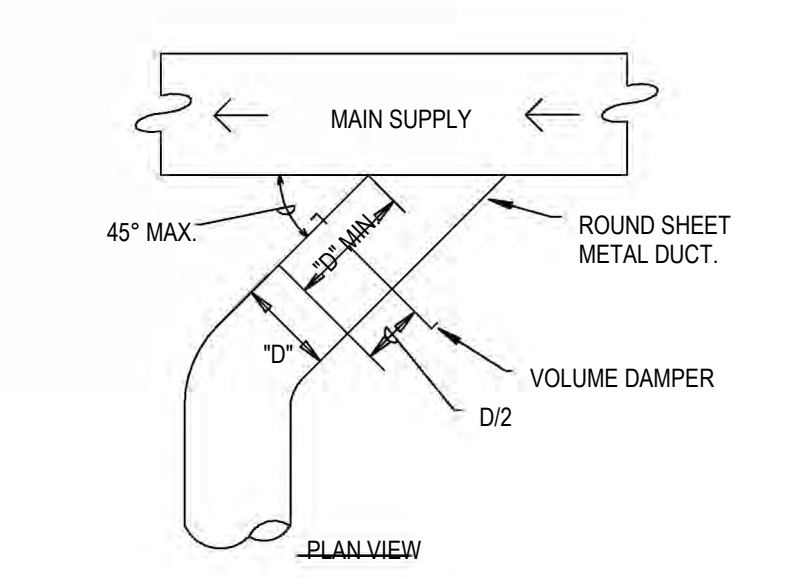
SPLITTER DAMPER TURNING VANE

### DUCT CONSTRUCTION DETAILS

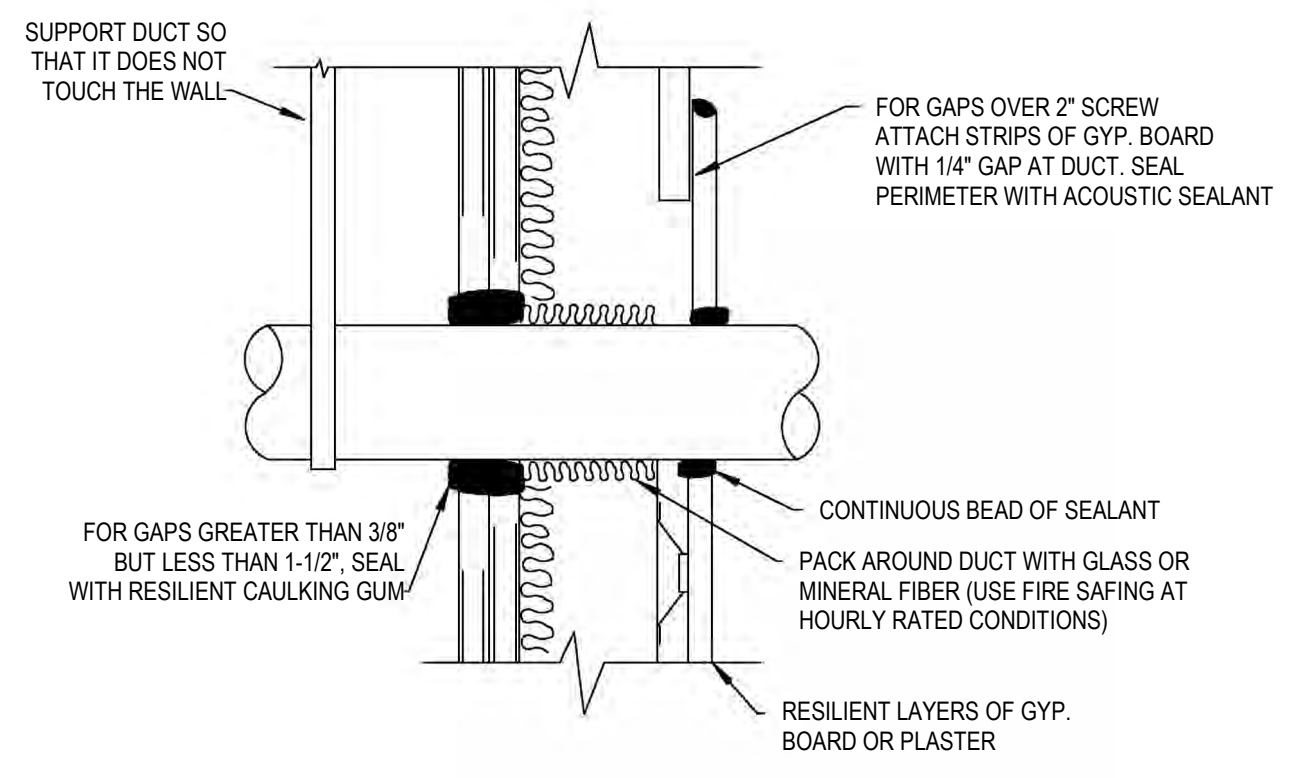
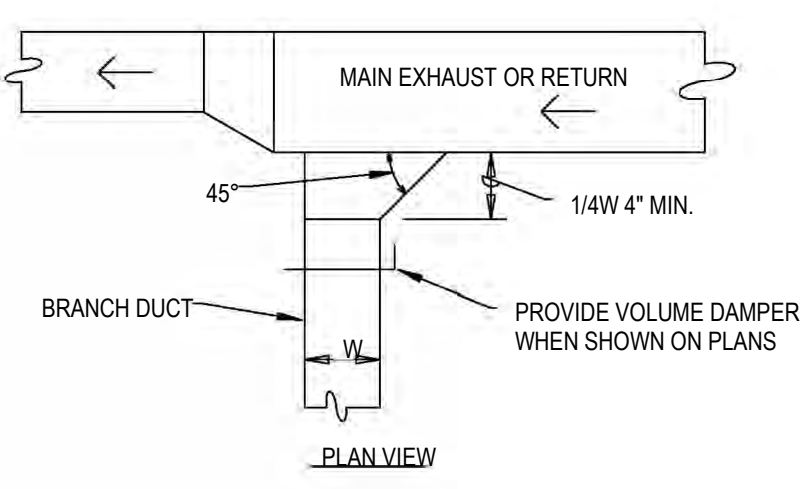


- NOTES:
- THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE MADE ROUND.
  - ALL STANDARD RADIUS ELBOWS SHOWN ON PLANS MAY BE MADE SHORT RADIUS ELBOWS. ALL SHORT RADIUS ELBOWS SHALL HAVE VANES. VANES SHALL BE CONSTRUCTED, SUPPORTED AND FASTENED AS RECOMMENDED BY SMACNA.

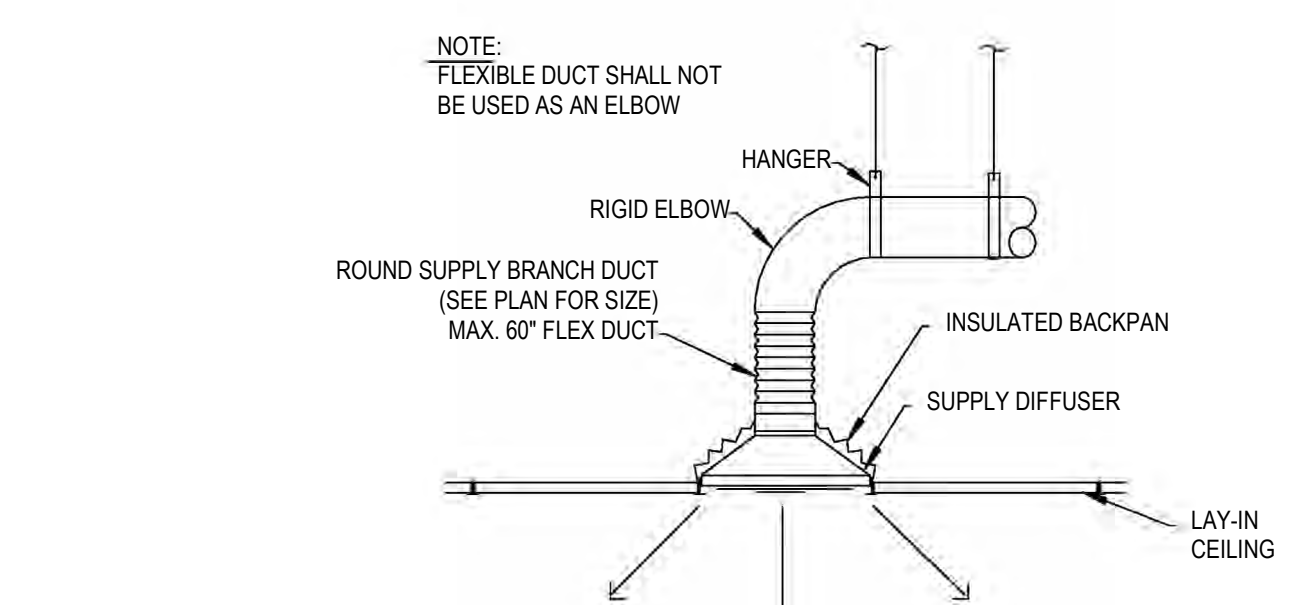
### RADIUS ELBOW DUCT DETAIL



### BRANCH DUCT TAKE-OFF DETAIL



### DUCT PENETRATION DETAIL STUD WALL - SEVERAL CONDITIONS



### TYPICAL DIFFUSER INSTALLATION

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2"  
1"

**SHEET NOTES:**

1. FIRE ALARM DEVICES INDICATED ON PLANS ARE SHOWN FOR DIAGRAMMATIC PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR DESIGNING, FURNISHING, AND INSTALLING THE SYSTEM TO COMPLY WITH ALL STATE, ADA, TAS, NEC AND NFPA CODES AND REQUIREMENTS IN ADDITION TO THOSE OF THE CITY OF FORT WORTH.
2. NOT ALL DEVICES IN OUT OF SCOPE AREAS ARE SHOWN.
3. THE EXISTING NOTIFIER FIRE ALARM SYSTEM WILL BE EXTENDED TO SERVE ALL AREAS OF THE RENOVATION. ADDITIONAL POWER SUPPLIES, BATTERIES AND VOICE AMPLIFIERS WILL BE INSTALLED AS REQUIRED TO SUPPORT NEW DEVICES AS REQUIRED. THE MODIFIED SYSTEM SHALL BE REPROGRAMMED TO INCORPORATE THE NEW DEVICES AND TESTED TO DEMONSTRATE PROPER OPERATION.
4. ALL NEW FIRE ALARM DEVICES WITHIN THE RENOVATED AREAS SHALL BE NEW CEILING MOUNTED DEVICES.
5. FOR ANY FIRE ALARM DEVICES THAT ARE REMOVED FROM THEIR CURRENT LOCATION, THESE FIRE ALARM DEVICES SHALL NOT BE RE-INSTALLED.

ELECTRICAL SYMBOL LIST	
SYMBOL	DESCRIPTION
	RELAY MODULE
	FIRE ALARM PULL STATION
	FIRE ALARM STROBEHORN UNIT
	FIRE ALARM STROBE ONLY
	CEILING MTD SMOKE DETECTOR
E	INDICATES EXISTING DEVICE OR EQUIPMENT TO REMAIN
ER	INDICATES EXISTING DEVICE OR EQUIPMENT TO BE REMOVED



LEVEL 1 - FIRE ALARM DEMOLITION 1



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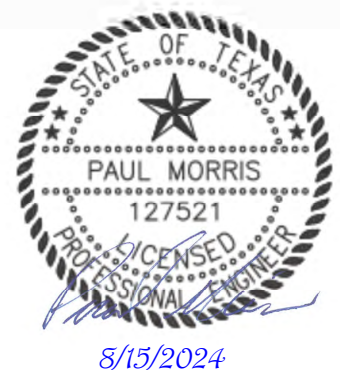
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TBPELS Firm #44, #10011300, #10011302, #10194146  
BHB PROJECT # 2023.029.008

**FDA101**  
LEVEL 1 FLOOR PLAN -  
FIRE ALARM DEMOLITION  
TreanorHL NO. HE0696.2301.00





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FDA102

LEVEL 6 FLOOR PLAN -  
FIRE ALARM DEMOLITION

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LEVEL 6 - FIRE ALARM DEMOLITION 1

SHEET NOTES:

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ELECTRICAL SYMBOL LIST	
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E	INDICATES EXISTING DEVICE OR EQUIPMENT TO REMAIN
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**SHEET NOTES:**

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LEVEL 1 - FIRE ALARM 1



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**FA101**  
 LEVEL 1 FLOOR PLAN -  
 FIRE ALARM

TreanorHL NO. HE0696.2301.00



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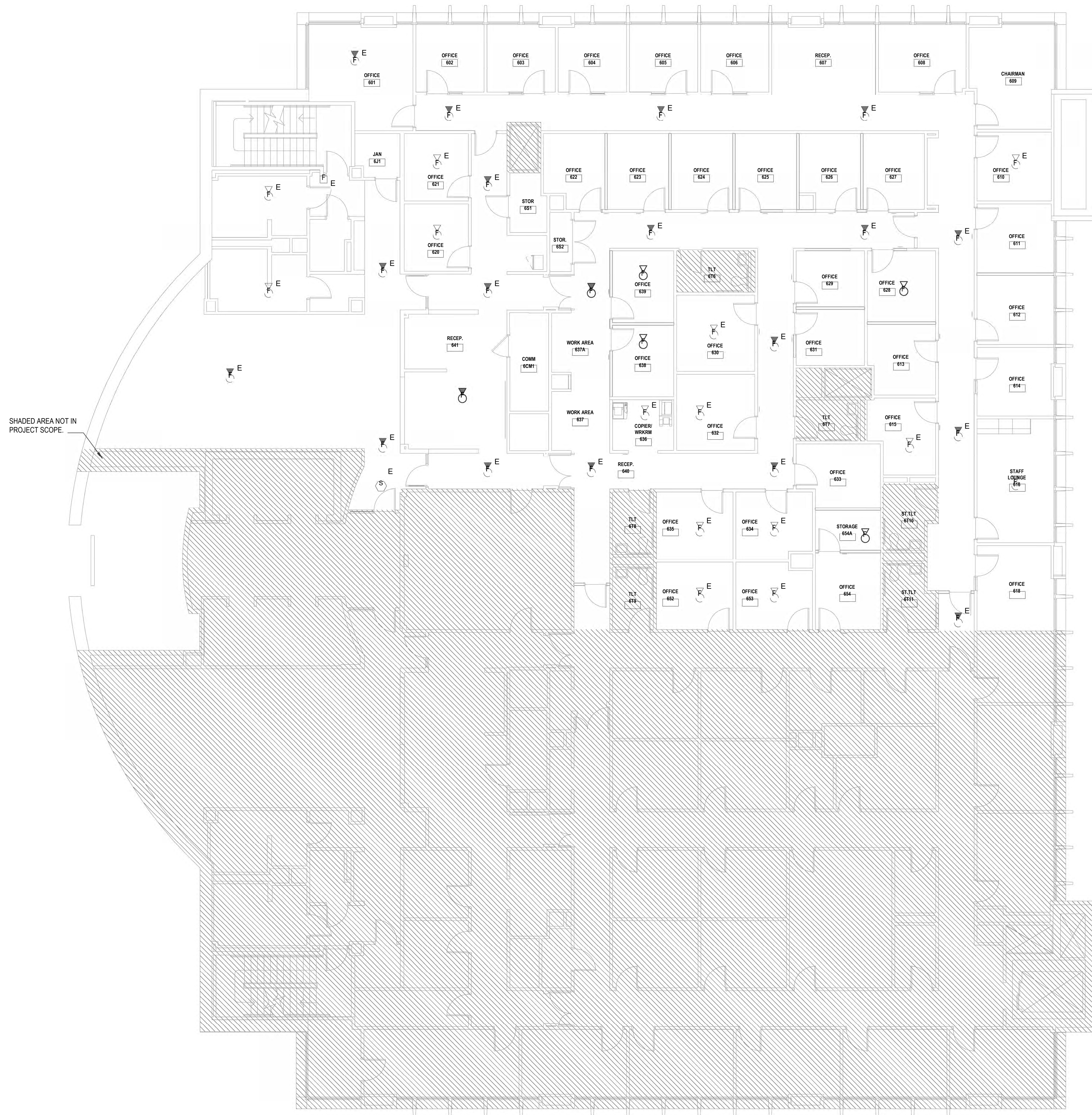
**SHEET NOTES:**

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**ELECTRICAL SYMBOL LIST**

SYMBOL	DESCRIPTION
	RELAY MODULE
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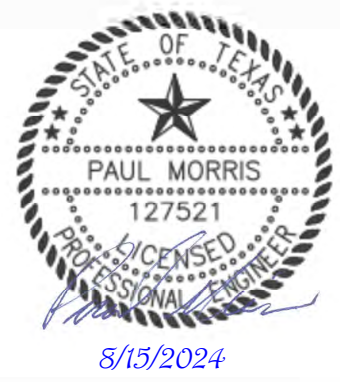
SHADED AREA NOT IN PROJECT SCOPE



LEVEL 6 - FIRE ALARM

1/8" = 1'-0"

1



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LEVEL 6 FLOOR PLAN - FIRE ALARM

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FP101

LEVEL 1 FLOOR PLAN - FIRE PROTECTION

TreanorHL NO. HE0695.2301.00

### FIRE PROTECTION LEGEND

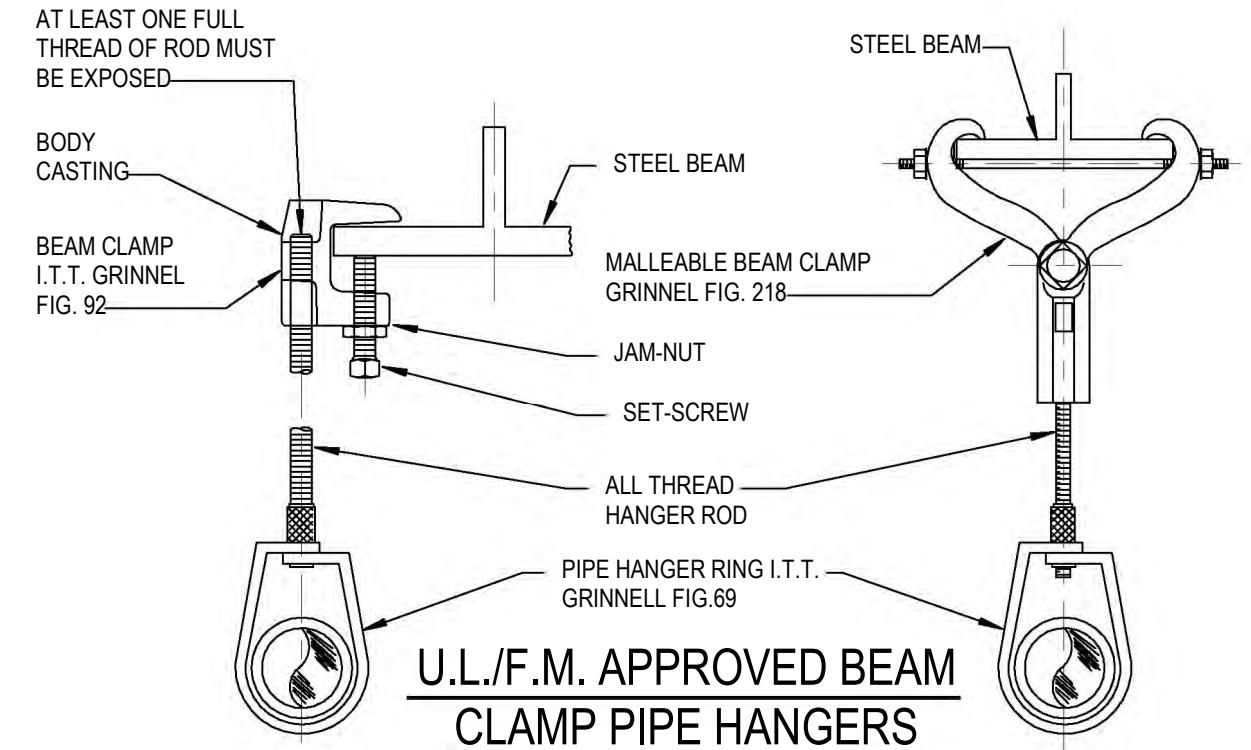
- AREA NOT IN PROJECT SCOPE
- MODIFY EXISTING SPRINKLER SYSTEM TO SERVE PROJECT RENOVATION AREA

### FIRE PROTECTION GENERAL NOTES

- THE WORK COVERED UNDER THIS SECTION CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND PERFORMING ALL OPERATIONS IN CONNECTION WITH MODIFYING THE EXISTING FIRE PROTECTION SYSTEM TO PROVIDE A COMPLETE, HYDRAULICALLY DESIGNED, WET AUTOMATIC FIRE SPRINKLER SYSTEM AS SPECIFIED, FOR THE ENTIRE RENOVATED PROJECT AREA. THE WORK SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
  - COMPLETE DESIGN AND WORKING DRAWINGS MEETING APPLICABLE REQUIREMENTS.
  - SPRINKLER HEADS, (WET PIPE)
  - PIPING
  - VALVES
- THE FIRE PROTECTION SYSTEM SHALL MEET ALL APPLICABLE REQUIREMENTS OF THE UNIVERSITY OF NORTH TEXAS SYSTEM AND CITY FIRE DEPARTMENT. THE SYSTEM SHALL COMPLY WITH ALL APPLICABLE CITY AND NATIONAL CODES AND ORDINANCES, AND THE CODES, ORDINANCES AND REGULATIONS OF ALL OTHER RULING AUTHORITIES HAVING JURISDICTION, INCLUDING, BUT NOT LIMITED TO: NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS
- NFPA 14, STANDPIPE
- CONTRACTOR SHALL ARRANGE SPRINKLER HEADS REFERENCED TO ROOM CENTERLINES AND AXES TO ESTABLISH A PATTERN COMPLEMENTARY TO THE FINISHED CEILING. COORDINATE EXACT HEAD LOCATION AND PIPE ROUTING WITH THE ARCHITECT PRIOR TO INSTALLATION.
- SPRINKLER PIPING SHALL BE CONCEALED TO THE EXTENT POSSIBLE IN ALL BUT STRICTLY MECHANICAL UTILITY AREAS. ALL LAYOUTS OF SPRINKLER PIPING SHALL BE REVIEWED BY AND COORDINATED WITH THE ARCHITECT. FINAL APPROVAL OF PIPING LAYOUT, HEAD PLACEMENT, ETC. SHALL BE BY ARCHITECT. ALL EXPOSED PIPING AND FITTINGS SHALL BE PAINTED TO MATCH ADJACENT WALL OR CEILING SURFACE AS DIRECTED BY THE ARCHITECT.
- SPRINKLER HEADS SHALL BE FULLY RECESSED IN AREAS WITH FINISHED CEILINGS WHERE PIPING CAN BE CONCEALED. POP-OFF COVERS SHALL BE PAINTED TO MATCH FINISHED CEILING PAINT COLORS. SPRINKLER HEADS IN UTILITY OR MECHANICAL AREAS SHALL BE STANDARD CHROME FINISH. SIDE WALL, PENDANT OR UPRIGHT HEADS AS REQUIRED.
- ALL THREADED PIPING SHALL BE SCHEDULE 40 BLACK STEEL, NO EXCEPTIONS.
- FURNISH AND INSTALL ALL VALVES AND ACCESSORIES REQUIRED BY AUTHORITY HAVING JURISDICTION.
- SYSTEM TEST AND DRAIN VALVES SHALL BE COORDINATED WITH THE OWNER BY SPECIFICALLY CALLING TO THE OWNER'S ATTENTION THE LOCATION OF THESE SYSTEMS.
- SYSTEM SHALL BE THOROUGHLY CLEANED BY FLUSHING OUT WITH WATER UNTIL IT IS FREE FROM SAND, OIL, OR OTHER FOREIGN MATTER, PRIOR TO THE INSTALLATION OF HEADS AND ORIFICES.
- UPON AWARD OF THE CONTRACT FOR THE FIRE PROTECTION SYSTEM, THE CONTRACTOR SHALL PREPARE PRELIMINARY DRAWINGS AND SECURE THE APPROVAL OF THE OWNER AND ARCHITECT. ON APPROVAL OF THE OWNER AND ARCHITECT, THE CONTRACTOR SHALL PREPARE DETAILED WORKING DRAWINGS FOR THE SYSTEM AND SECURE THE APPROVALS OF THE LOCAL FIRE MARSHAL, THE OWNER'S INSURANCE CARRIER, AND ANY OTHER APPROVALS REQUIRED. A COPY OF THE APPROVAL LETTERS SHALL BE DELIVERED TO THE ARCHITECT PRIOR TO COMMENCING WORK.
- UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PREPARE A LETTER OF GUARANTEE, WHICH SHALL GUARANTEE THE WORK AGAINST DEFECTS IN MATERIALS AND INSTALLATION AS OUTLINED UNDER THE GENERAL CONDITIONS, SECURE THE APPROVAL OR SEAL OF THE STATE RATING BUREAU AND PROVIDE THIS DOCUMENT TO THE ARCHITECT AND THE OWNER.
- THE FIRE PROTECTION PIPING SYSTEM SHALL BE HYDRAULICALLY CALCULATED BASED UPON 90 PERCENT RESIDUAL PRESSURE AVAILABLE, AS CONFIRMED BY A CONTRACTOR-PROVIDED FLOW TEST AT SITE. THE BUILDING DESIGN HAZARD SHALL BE AS INDICATED ON THE PLANS. THE HYDRAULIC CALCULATIONS SHALL BE BASED UPON THE REQUIREMENTS OF NFPA 13, SPRINKLER SYSTEMS DESIGN CRITERIA FOR THE REQUIRED HAZARD.
- THE ARCHITECT SHALL HAVE THE FINAL AUTHORITY OVER ROUTING OF SPRINKLER RISER PIPING, SPRINKLER HEAD LOCATIONS, ETC. THE DESIGN OF THE AUTOMATIC FIRE SPRINKLER SYSTEM SHALL BE CAREFULLY COORDINATED WITH THE ARCHITECT PRIOR TO SUBMISSION OF SHOP DRAWINGS AND SYSTEM INSTALLATION.
- THE USE OF UL LISTED FLEXIBLE TYPE HEAD ASSEMBLIES ARE PERMITTED. ANY FLEXIBLE HEAD ASSEMBLIES USED SHALL BE FACTORY PRE-ASSEMBLED EQUAL TO ANVIL FLEX-HEAD. FIELD ASSEMBLED FLEXIBLE HEAD ASSEMBLIES ARE NOT ALLOWED.
- FIRE PLANS SHOWING ALL SPRINKLER HEAD LOCATIONS SHALL BE DESIGNED BY THE RESPECTIVE, LICENSED CONTRACTOR. REFER TO SPECIFICATIONS FOR MORE INFORMATION AND REQUIREMENTS. CONTRACTOR IS RESPONSIBLE FOR DESIGNING, FURNISHING, AND INSTALLING THE SYSTEM TO COMPLY WITH ALL STATE, ADA, TAS, NEC, AND NFPA CODES AND REQUIREMENTS IN ADDITION TO THOSE OF THE CITY OF FORT WORTH.

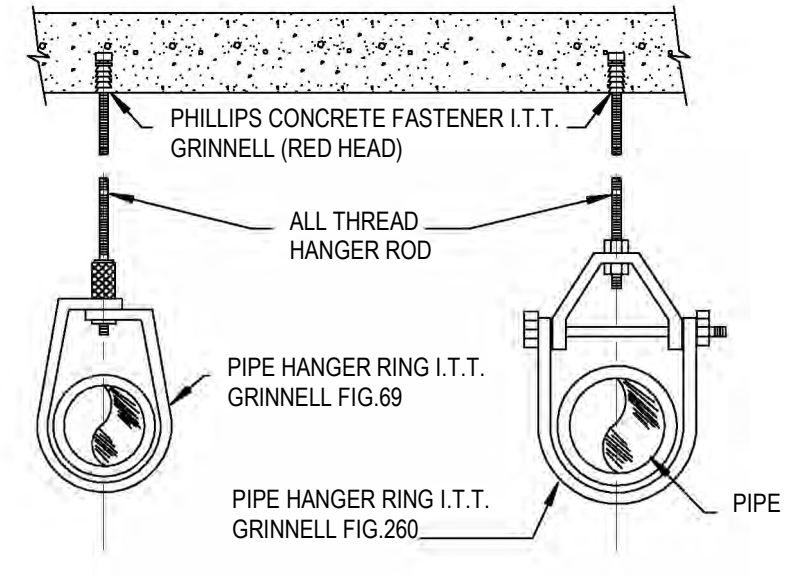
### SHEET NOTES:

- THIS BUILDING OUTSIDE THE PROJECT AREA WILL BE OCCUPIED DURING THE CONSTRUCTION OF THIS PROJECT. CONTRACTOR SHALL CAREFULLY COORDINATE AND SCHEDULE ANY REQUIRED SHUTDOWNS WITH THE UNIVERSITY TO MINIMIZE DISTURPTIONS TO BUILDING OCCUPANTS.



NOTES:  
TT CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS WITH STRUCTURAL ENGINEER AND EXISTING STRUCTURAL CONDITIONS PRIOR TO INSTALLATION.

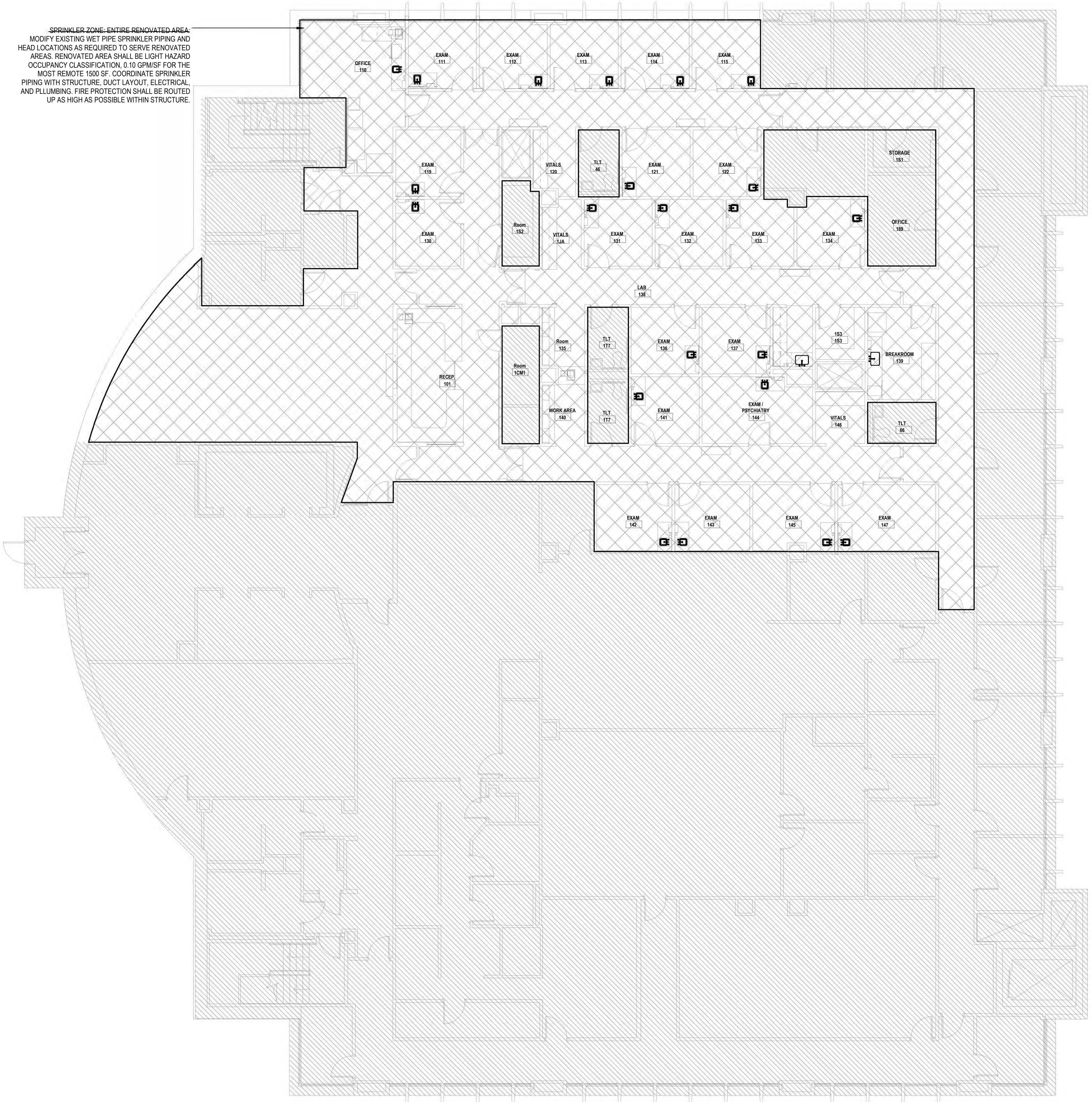
BEAM CLAMP HANGER 2 NOT TO SCALE



PIPES 3" & SMALLER PIPES 4" & LARGER  
NOTES:  
TT CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS WITH STRUCTURAL ENGINEER AND EXISTING STRUCTURAL CONDITIONS PRIOR TO INSTALLATION.

CONCRETE INSERT HANGER 3 NOT TO SCALE

SPRINKLER ZONE - ENTIRE RENOVATED AREA. MODIFY EXISTING WET PIPE SPRINKLER PIPING AND HEAD LOCATIONS AS REQUIRED TO SERVE RENOVATED AREAS. RENOVATED AREA SHALL BE LIGHT HAZARD OCCUPANCY CLASSIFICATION, 0.10 GPM/SF FOR THE MOST REMOTE 1500 SF. COORDINATE SPRINKLER PIPING WITH STRUCTURE, DUCT LAYOUT, ELECTRICAL AND PLUMBING. FIRE PROTECTION SHALL BE ROUTED UP AS HIGH AS POSSIBLE WITHIN STRUCTURE.



LEVEL 1 - FIRE PROTECTION 1 1/8" = 1'-0"



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BHB PROJECT # 2023.029.008

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LEVEL 6 FLOOR PLAN - FIRE PROTECTION

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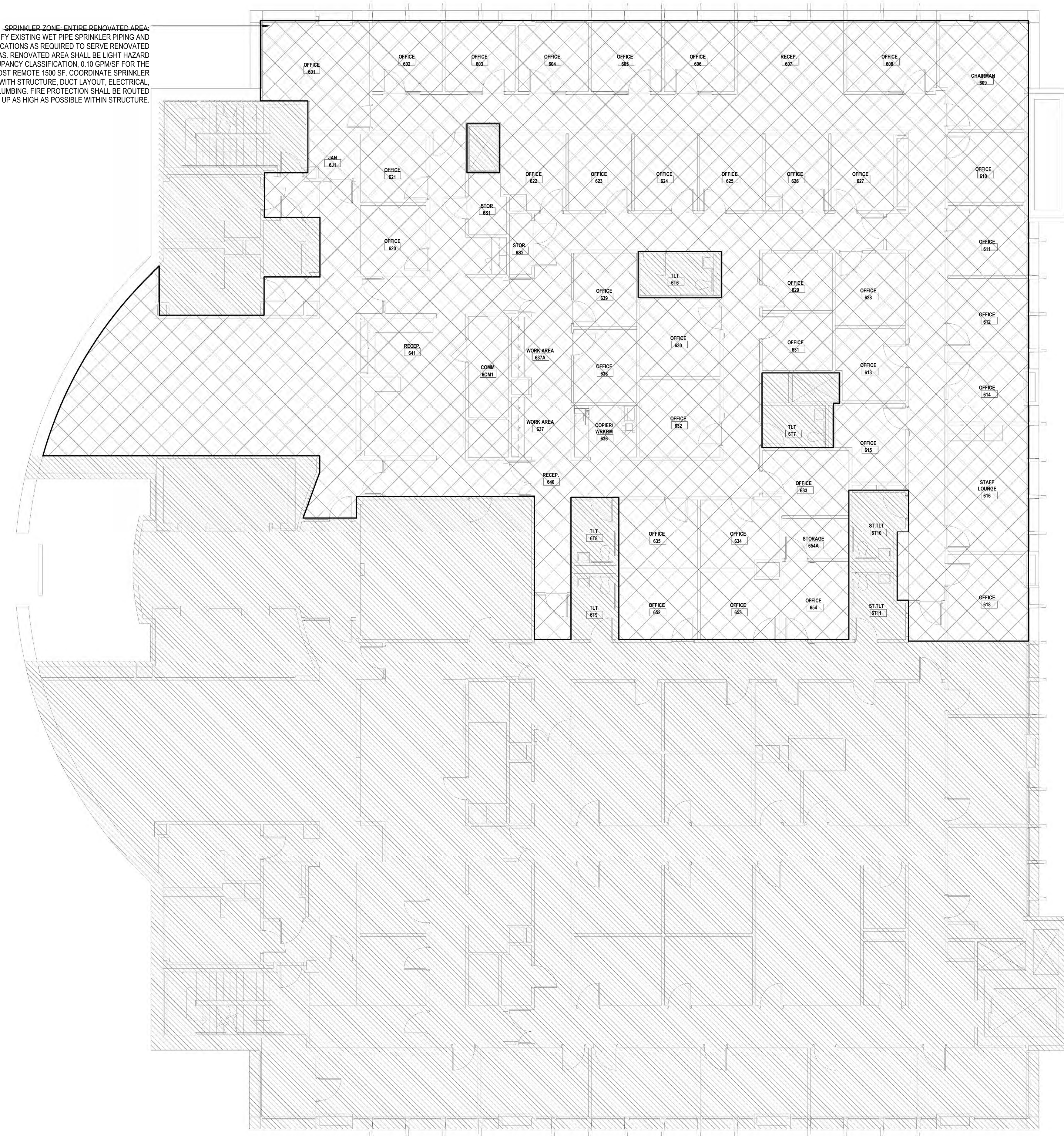
FIRE PROTECTION LEGEND

- AREA NOT IN PROJECT SCOPE
- MODIFY EXISTING SPRINKLER SYSTEM TO SERVE PROJECT RENOVATION AREA

SHEET NOTES:

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- REFER TO SHEET FP101 FOR FIRE PROTECTION GENERAL NOTES.

SPRINKLER ZONE-ENTIRE RENOVATED AREA. MODIFY EXISTING WET PIPE SPRINKLER PIPING AND HEAD LOCATIONS AS REQUIRED TO SERVE RENOVATED AREAS. RENOVATED AREA SHALL BE LIGHT HAZARD OCCUPANCY CLASSIFICATION, 0.10 GPM/SF FOR THE MOST REMOTE 1500 SF. COORDINATE SPRINKLER PIPING WITH STRUCTURE, DUCT LAYOUT, ELECTRICAL AND PLUMBING. FIRE PROTECTION SHALL BE ROUTED UP AS HIGH AS POSSIBLE WITHIN STRUCTURE.



LEVEL 6 - FIRE PROTECTION

1/8" = 1'-0"



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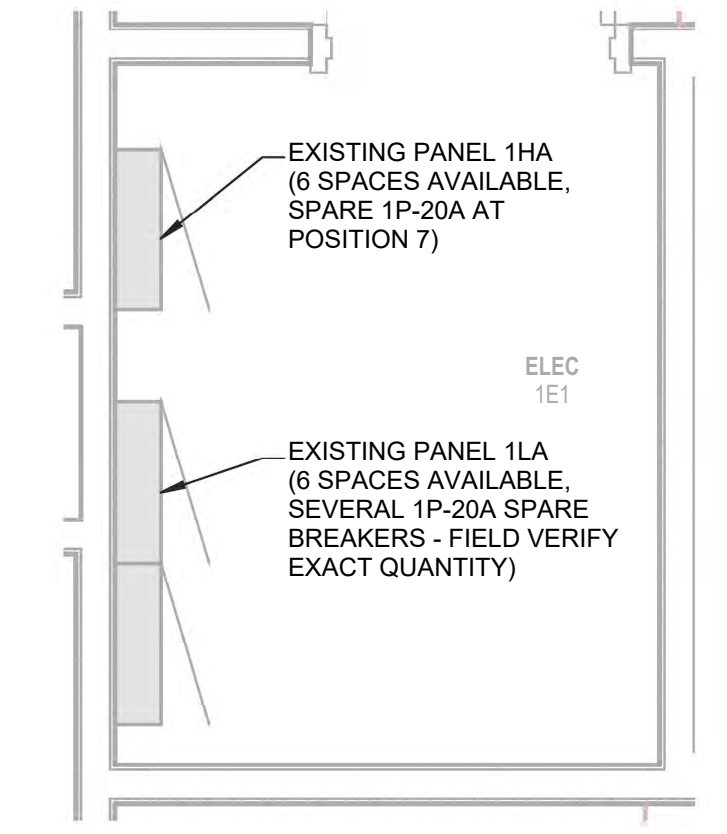
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DEMOLITION FLOOR PLAN - LEVEL 1 - POWER 1  
3/16" = 1'-0"

**GENERAL NOTES**

1. REMOVE ALL WIRING DEVICES (SHOWN BOLD) AND BRANCH CIRCUIT CONDUIT/WIRING WITHIN WALLS BEING REMOVED (SHOWN DASHED) IN THE RENOVATION AREA. REFER TO ARCHITECTURAL FOR EXACT LIMITS OF WORK.
2. ANY WIRING DEVICE AND ASSOCIATED COVER PLATE IN WALLS THAT ARE WITHIN THE AREA OF RENOVATION (SHOWN SOLID) AND ARE TO REMAIN (SHOWN HALF-TONED), SHALL BE REPLACED WITH A NEW WIRING DEVICE AND COVER PLATE TO MATCH NEW INSTALLATIONS.
3. REMOVE ALL ABANDONED OR UNUSED CONDUIT/WIRING ABOVE CEILING AREA.
4. EXISTING CONDITIONS ARE BASED ON INFORMATION PROVIDED BY SITE SURVEY AND PREVIOUS RECORD DRAWINGS. HOWEVER, IT IS NOT INTENDED TO BE AN EXACT REPRESENTATION OF ACTUAL CONDITIONS. CONTRACTOR SHALL VISIT JOB SITE PRIOR TO BIDDING TO ASCERTAIN EXISTING CONDITIONS AND SHALL NOTIFY ENGINEER/ARCHITECT OF ANY DISCREPANCIES PRIOR TO START OF WORK. ALL DEVICES MAY NOT BE SHOWN.
5. REFER TO NEW POWER SHEETS FOR ADDITIONAL INFORMATION.
6. EXISTING DEVICE MOUNTING HEIGHTS ARE TO BE ASSUMED AT 18" UNLESS NOTED OTHERWISE.



LEVEL 1 - ELECTRICAL ROOM 2  
1/2" = 1'-0"

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 www.treanorhl.com

**Preston L. Clever**  
 PRESTON L. CLEVER  
 124961  
 08-15-2024

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NO	DESCRIPTION	DATE

ED101

DEMOLITION FLOOR PLAN - LEVEL 1 - POWER

Treanorhl, NO. 0688.2401.0

**YE**  
 YAGGI ENGINEERING, INC.  
 6840 INTERSTATE 20 WEST, SUITE 270  
 ARLINGTON, TEXAS 76017  
 817-483-2373 FAX: 817-483-4233  
 TEXAS REGISTRATION NO. F-6622  
 YE PROJECT NO. 2427.00