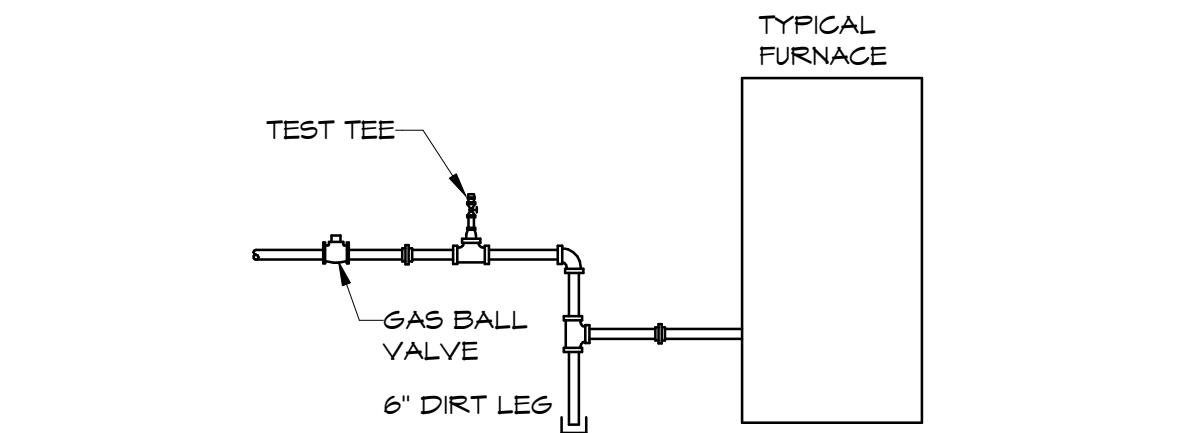


GENERAL PLUMBING NOTES

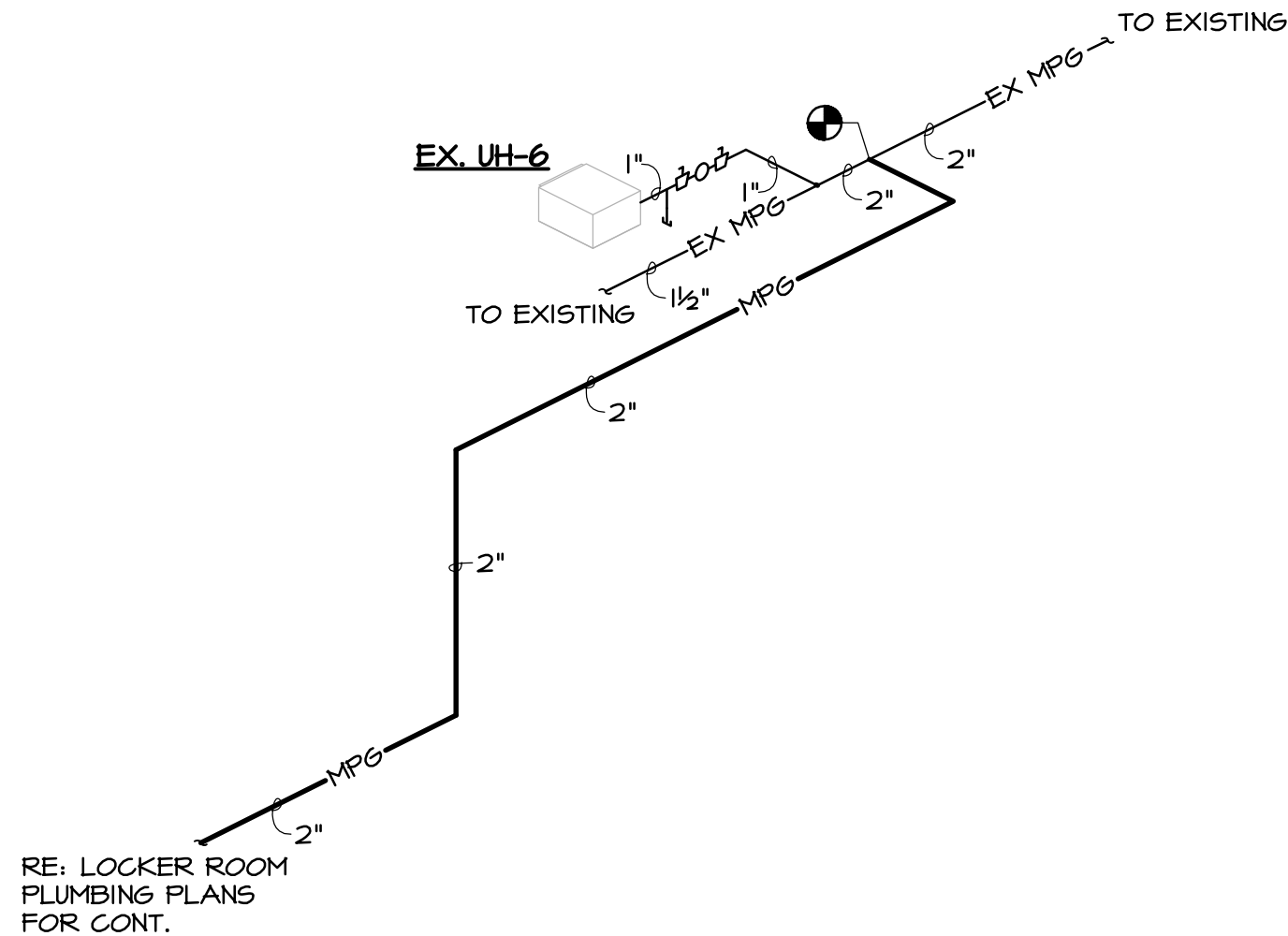
- ALL PLUMBING MATERIALS AND INSTALLATION SHALL COMPLY WITH THE ARKANSAS STATE PLUMBING CODE, LATEST EDITION.
- INSTALL ALL DOMESTIC HOT AND COLD WATER PIPING AS PER STATE AND LOCAL CODES.
- INSULATE ABOVE GRADE CONCEALED DOMESTIC HOT AND COLD WATER LINES PER SPECIFICATIONS, SECTION 15082 OR 22 07 19.
- PROVIDE MAIN DOMESTIC COLD WATER LINE BUILDING SHUT OFF VALVE AT ENTRY INTO THE BUILDING. INSTALL IN FREEZE PROOF VAULT WITH ACCESS COVER.
- INSTALL DEEP SEAL TRAPS AT ALL DRAIN CONNECTIONS.
- COORDINATE UNDER SLAB PIPING WITH COLUMNS AND FOOTINGS. REFER TO STRUCTURAL DRAWINGS.
- MINIMUM DEPTH OF COVER FOR WATER LINES IS 30 IN.
- BURY YELLOW #10 THIN COPPER TRACER WIRE IN TRENCH WITH ALL UNDER GROUND PLASTIC SERVICES. LEAVE ENDS EXPOSED FOR FUTURE LOCATION.
- PROVIDE AND INSTALL 6 IN. DIRT LEG AND GAS STOP (BALL VALVE ONLY) AT ALL EQUIPMENT GAS CONNECTIONS.
- PROVIDE GAS MAIN BUILDING SHUT OFF VALVE NEAR ENTRY TO THE BUILDING.
- ALL GAS PIPING SYSTEMS WITHIN A BUILDING AND OTHER ABOVE GROUND GAS PIPING SHALL BE ELECTRICALLY CONTINUOUS AND BONDED TO A GROUNDED ELECTRODE AS DEFINED IN N.F.P.A. 70.
- VERIFY LOCATION AND SIZE OF EXISTING SITE UTILITIES WITH UTILITY AUTHORITIES PRIOR TO CONSTRUCTION.
- ALL IMPROVEMENTS (PAVEMENTS, CURB AND GUTTER, SOD, ETC.) SHALL BE REPLACED BY GENERAL CONTRACTOR TO PRECONSTRUCTION CONDITION.
- WHERE FIRE RATED PARTITIONS OR FLOORS OCCUR, ALL FLOOR TO FLOOR AND ROOM TO ROOM PENETRATIONS SHALL BE PROPERLY FIRE SEALED WITH U.L. LISTED AND CLASSIFIED FIRE CAULK OR FIRE SEALED BY USING AN APPROVED FIRE SEAL SLEEVE METHOD WHICH MEETS U.L. REQUIREMENTS. ALL OTHER PENETRATIONS OF RATED CHASES OR WALLS SHALL BE PROPERLY FIRE SEALED AND WHERE EXTENDING THROUGH SUCH RATED SURFACE SHALL BE A RATED FIRE STOP PENETRATION. ALL FIRE STOPPING, FIRE CAULKING AND FIRE SLEEVING OR OTHER FIRE SEALING SHALL BE ACCEPTABLE BY THE LOCAL AUTHORITIES AND SHALL BEAR THE U.L. SEAL.
- INSTALL DOMESTIC WATER, GAS AND COMPRESSED AIR LINES TIGHT AGAINST BUILDING ROOF STRUCTURE.
- VERIFY LOCATION, INVERT AND SIZE OF ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- PROVIDE CITY APPROVED REDUCED PRESSURE BACKFLOW PREVENTERS ON ALL DOMESTIC SERVICE LINES CONNECTED TO ALL DEVICES, APPURTENANCES, APPLIANCES AND APPARATUS INTENDED TO SERVE SOME SPECIAL FUNCTION, SUCH AS STERILIZATION, DISTILLATION, PROCESSING FOR STORAGE OF FOODS OR ICE, WATER PUMPS, FILTERS, SOFTENERS, TANKS AND ALL OTHER APPLIANCES AND DEVICES THAT HANDLE OR TREAT POTABLE WATER SHALL BE PROTECTED AGAINST CONTAMINATION WITH SIMILAR BACKFLOW PREVENTER.
- CONDENSATE PIPING FROM ROOF TOP AIR CONDITIONERS SHALL BE SCHEDULE 40 P.V.C. PROVIDE CONDENSATE TRAP. ROUTE CONDENSATE LINE TO NEAREST ROOF DRAIN OR GUTTER.
- PROVIDE WEATHERPROOF PIPE FOOT WITH TWO MEMBRANE AS FLASHING AND STAINLESS STEEL CLAMPING RING FOR ALL GAS LINES PENETRATING THE ROOF.
- ALL MECHANICAL INSTALLATIONS SHALL CONFORM TO THE LATEST ACCEPTABLE ARKANSAS STATE MECHANICAL CODE.
- ALL WATER AND SEWER LINE MATERIALS AND INSTALLATION METHODS SHALL BE IN ACCORDANCE WITH THE CITY OF CENTERTON STANDARD SPECIFICATION FOR PUBLIC WORK CONSTRUCTION AS WELL AS THE ARKANSAS STATE PLUMBING CODE.
- MECHANICAL CONTRACTOR SHALL REFER TO THE FOOD SERVICE DRAWINGS AND PROVIDE ALL REQUIRED MECHANICAL FOOD SERVICE EQUIPMENT CONNECTIONS.
- HORIZONTAL BRANCHES SHALL CONNECT TO HORIZONTAL STACK OFFSETS AND TO THE BASES OF STACKS AT A POINT LOCATED NOT LESS THAN 10 PIPE DIAMETERS DOWNSTREAM FROM THE STACK.
- CONTRACTOR SHALL PROVIDE "AS BUILT" DRAWINGS OF ALL PLUMBING AND PIPING SYSTEMS UPON COMPLETION OF THE PROJECT.
- THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE DRAWINGS, THE BUILDING SITE, AND OTHER INFORMATION PRESENTED FOR THE CONSTRUCTION OF THIS PROJECT. IF CONTRACTOR HAS QUESTIONS REGARDING ASSEMBLIES OR LAYOUTS WITH THE PROJECT HE SHALL MAKE THEM KNOWN TO THE ENGINEER IN WRITING PRIOR TO BIDDING THE PROJECT. CLAIMS MADE SUBSEQUENT TO THE BID WILL NOT BE ACCEPTED IF IT IS DETERMINED THAT PROPER FAMILIARIZATION COULD HAVE AVOIDED SUCH CLAIM.
- MECHANICAL CONTRACTOR SHALL COORDINATE INSTALLATION PLUMBING SITE UTILITIES WITH SITE WORK OF OTHER TRADES. IN INSTANCES WHERE COORDINATION REQUIRES DEVIATION FROM PLANS MECHANICAL CONTRACTOR SHALL NOTIFY ENGINEER OF PROPOSED CHANGES.
- COMPLY WITH STATE OF ARKANSAS ADOPTED ADA ACCESSIBLE GUIDELINES IN REGARD TO ACCESSIBLE FEATURES.
- PROVIDE DRIP PAN FOR ENTIRE LENGTH OF PIPE WHERE PIPE MUST BE INSTALLED ABOVE ELECTRICAL EQUIPMENT.
- DO NOT ROUTE GROUPS OF CONDUIT, PIPES, AND SLEEVES ABOVE FOOTINGS UNLESS NOTED TO DO SO. IF CONFLICT OCCURS, CONSULT ARCHITECT/ENGINEER.
- LIMIT WIDTH OF CONDUIT, PIPES AND SLEEVES NOT TO EXCEED 3 FEET IN WIDTH AS IT PASSES UNDER WALL FOOTING. AS MUCH AS POSSIBLE, ALIGN THE ITEMS PERPENDICULAR TO THE FOOTING AS IT PASSES BELOW FOOTING.
- PROVIDE A MINIMUM SPACING OF 2 FEET BETWEEN CONDUIT OR PIPE GROUPS AS ITEMS PASS UNDER FOOTINGS.
- DO NOT ROUTE CONDUITS, PIPE OR SLEEVES UNDER COLUMN FOOTINGS OR PAD FOOTINGS.
- MECHANICAL CONTRACTOR MUST REVIEW ALL ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF PLUMBING FIXTURES, ROOF, OVERFLOW AND FLOOR DRAINS. IF PLUMBING FIXTURES OR DRAINS ARE SHOWN ON THE ARCHITECTURAL DRAWINGS THEY MUST BE INCLUDED IN THE CONTRACT EVEN IF NOT SHOWN ON THE MECHANICAL DRAWINGS.
- WHERE THE BUILDING SEWER IS INSTALLED WITHIN 10 FEET OF THE WATER SERVICE THE WATER SERVICE PIPE SHALL BE A MINIMUM OF 12 INCHES ABOVE THE TOP OF THE HIGHEST POINT OF THE SEWER. REQUIRED SEPARATION DISTANCE SHALL NOT APPLY WHERE A WATER SERVICE PIPE CROSSES A SEWER PIPE IS SLEEVED 10 FEET HORIZONTALLY FROM THE SEWER PIPE CENTERLINE ON BOTH SIDES OF SUCH PIPE CROSSINGS.
- DO NOT SCALE DIRECTLY FROM THE PLUMBING DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONAL INFORMATION.
- ALL PLUMBING SANITARY WASTE AND VENT PIPING INSTALLED IN FIRE RATED WALLS OR PLENUM RETURN AIR SYSTEMS SHALL BE CAST IRON. REFER TO ARCHITECTURAL PLANS FOR LIFE SAFETY INFORMATION.

PLUMBING KEYED NOTES

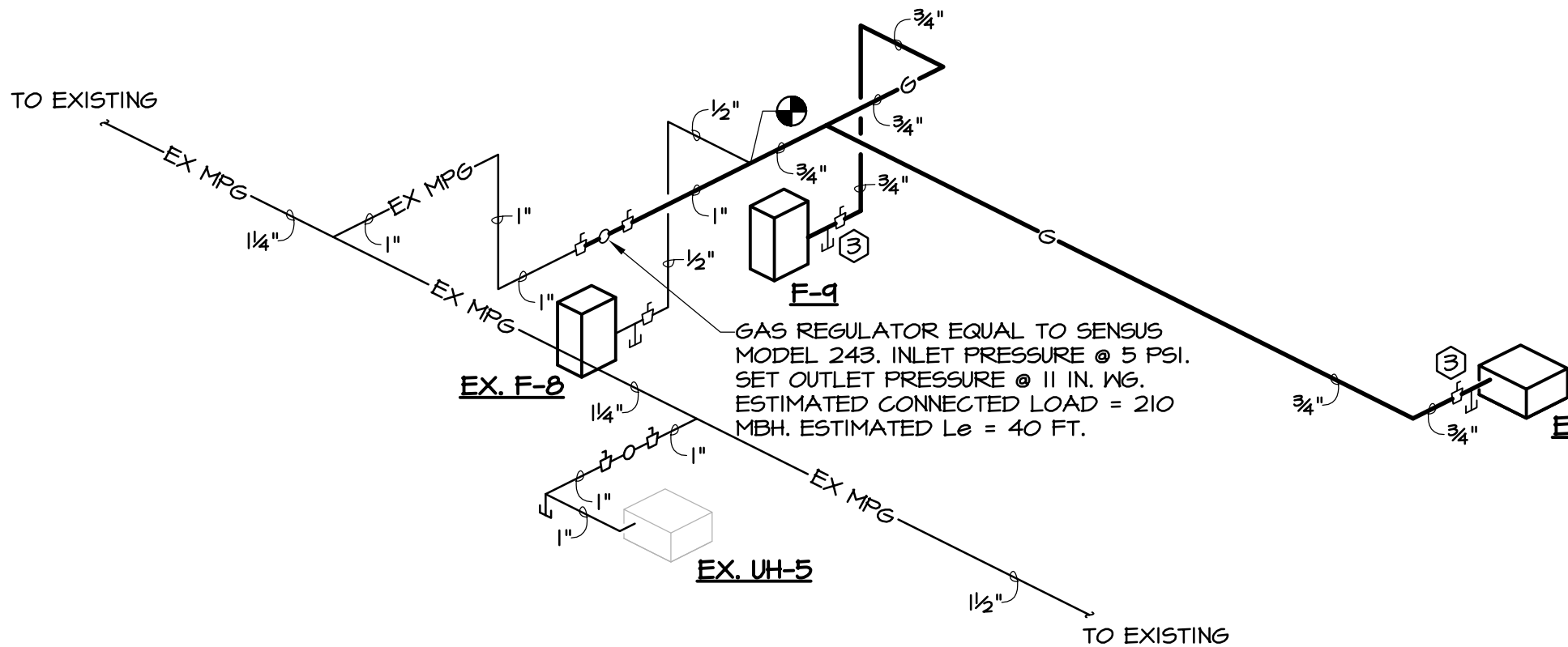
- INSTALL AN APPROVED TRAP GUARD PRODUCT THAT CONFORMS TO NSF-14, CSA B602-99 AND CSA B79-94.
- COORDINATE UNDERSLAB PIPING WITH STRUCTURAL FOOTINGS. REFER TO STRUCTURAL PLANS FOR LOCATIONS AND SIZES OF FOOTINGS.
- PROVIDE AND INSTALL 6 INCH DIRT LEG AND GAS STOP (BALL VALVE ONLY) AT ALL EQUIPMENT GAS CONNECTIONS. REFER TO DETAIL 1/P1.1.
- MECHANICAL CONTRACTOR SHALL NOT INSTALL ANY WATER LINES ABOVE ELECTRICAL PANELS. REFER TO ELECTRICAL PLANS FOR PANEL LOCATIONS.
- IDENTIFY OUTDOOR UNDERGROUND LINES WITH CONTINUOUS STRIP OF PLASTIC UTILITY MARKER. TAPE SHOULD STATE AT REGULAR INTERVALS: "CAUTION (STATE UTILITY) PIPE BELOW". INSTALL TAPE ONE FOOT DIRECTLY ABOVE PIPE BEFORE BACKFILLING TO GRADE.



1 TYPICAL GAS CONNECTION NTS



2 GAS RISER 1 NTS



3 GAS RISER 2 NTS

NOTE:  
REFER TO SHEET P1.1 FOR PLUMBING NOTES, LEGEND, DETAILS, & RISERS.  
REFER TO SHEETS P2.0 & P2.1 FOR PLUMBING PLANS.

PLUMBING LEGEND

-----	SANITARY WASTE PIPING
-----EX SS-----	EXISTING SANITARY WASTE PIPING
-----	GREASE SANITARY WASTE PIPING
-----EX GR-----	EXISTING GREASE SANITARY WASTE PIPING
-----	VENT PIPING
-----	EXISTING VENT PIPING
-----	COLD WATER PIPING
-----EX CW-----	EXISTING COLD WATER PIPING
-----EX HW-----	EXISTING HOT WATER PIPING
-----EX HWR-----	EXISTING HOT WATER RETURN PIPING
-----EX HWR-----	EXISTING HOT WATER RETURN PIPING
-----MPG-----	MEDIUM PRESSURE GAS PIPING (5 PSIG)
-----G-----	LOW PRESSURE GAS PIPING (11 IN. W.C.)
-----EX MPG-----	EXISTING MEDIUM PRESSURE GAS PIPING
-----EX G-----	EXISTING LOW PRESSURE GAS PIPING
-----CD-----	CONDENSATE DRAIN PIPING
-----RD-----	ROOF DRAIN PIPING
-----EX RD-----	EXISTING ROOF DRAIN PIPING
-----OFD-----	OVER FLOW DRAIN PIPING
-----SD-----	STORM DRAIN PIPING
-----EX FL-----	EXISTING FIRE LINE
-----EX FDC-----	EXISTING FIRE DEPARTMENT CONNECTION
-----	PIPING TO BE REMOVED
-----	BALL VALVE
-----	CHECK VALVE
-----	PRESSURE REDUCING VALVE
-----	GAS REGULATOR EQUAL TO EQUI-METER 243
-----	GAS BALL VALVE
-----	CONNECTION POINT
-----	FIXTURES TO BE REMOVED
-----	WATER HAMMER ARRESTOR (SIZE PER MANUFACTURER'S RECOMMENDED FIXTURE UNIT CAPACITY)
1	REFER TO KEYED NOTES
P-1	PLUMBING FIXTURE NUMBER (REFER TO PLUMBING FIXTURE SCHEDULE)
COTG	CLEAN OUT TO GRADE
FD	FLOOR DRAIN
FS	FLOOR SINK
FPHB	FREEZE PROOF HOSE BIB
HB	HOSE BIB
ADA	ACCESSIBLE
HD	HUB DRAIN
WCO	WALL CLEAN OUT
WH	WATER HEATER
SS	SANITARY SEWER
RD	ROOF DRAIN



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BWHS - DEN Remodel  
1355 GAMBLE ROAD, CENTERTON, ARKANSAS

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NEW  
ISSUE DATE:  
04/06/2026

PROJECT NO:  
2421

REVISION DATES

PLUMBING NOTES,  
LEGEND, DETAILS, &  
RISERS  
S H E E T

P1.1

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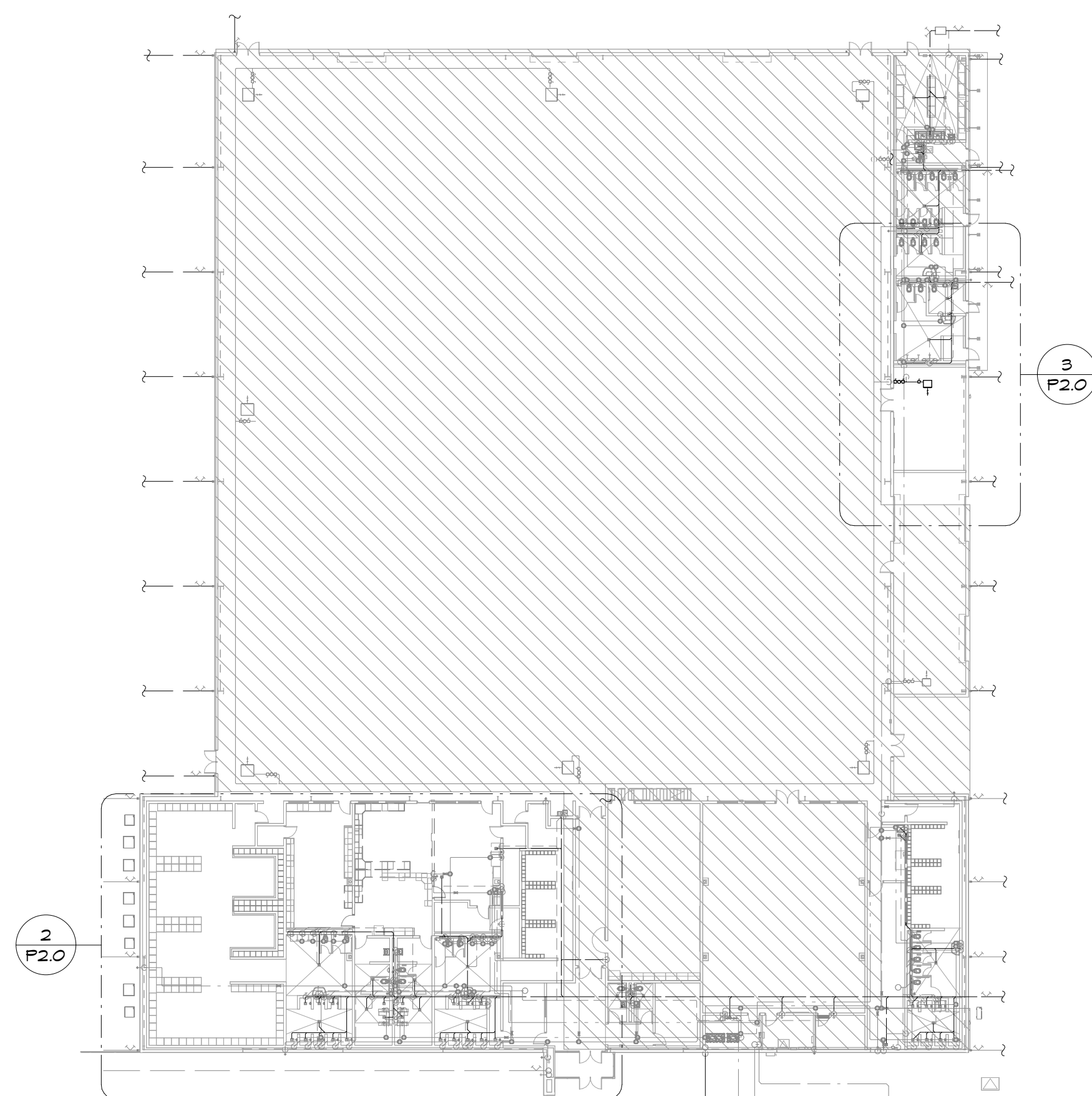
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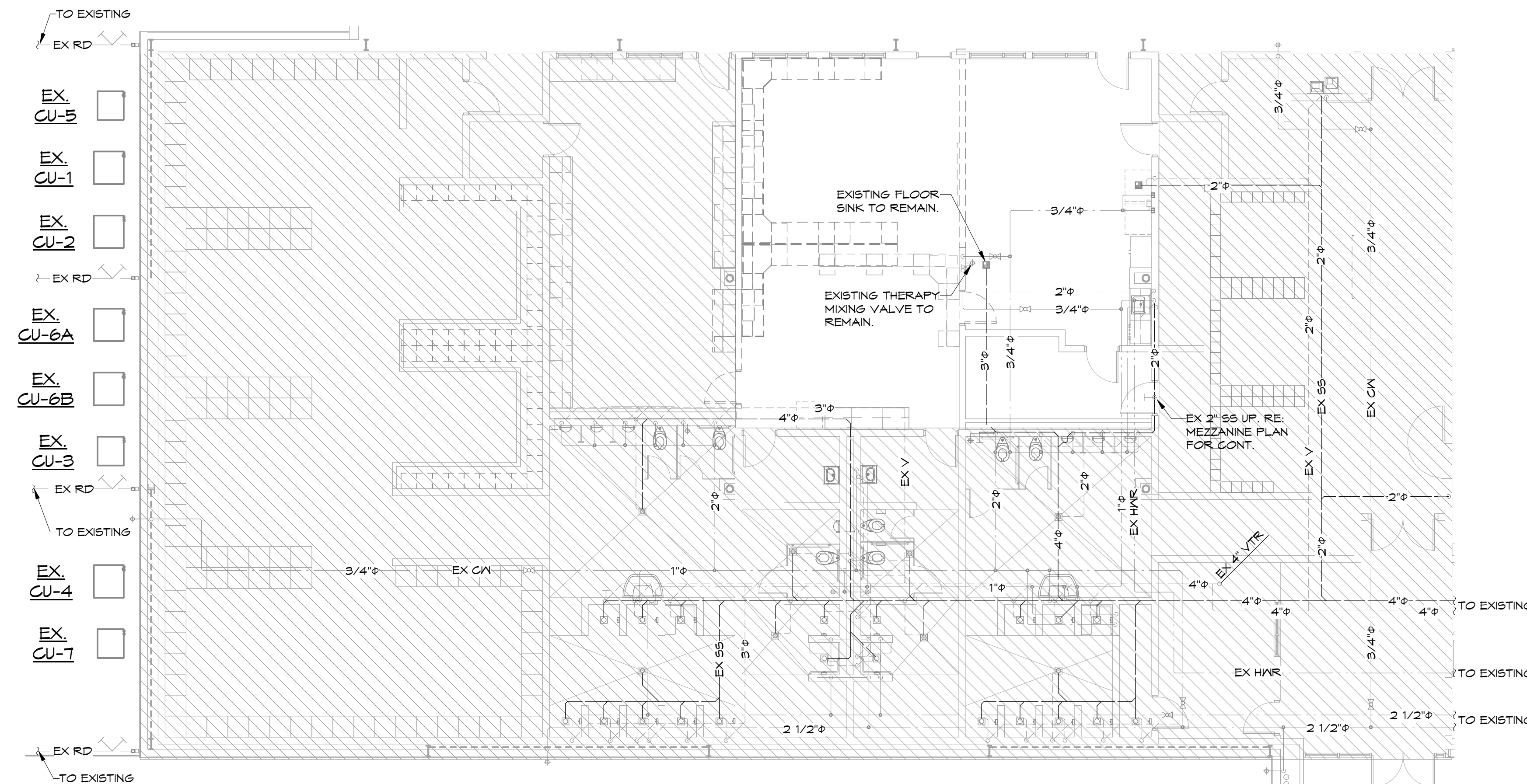
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REVISION DATES

PLUMBING DEMO PLANS  
SHEET  
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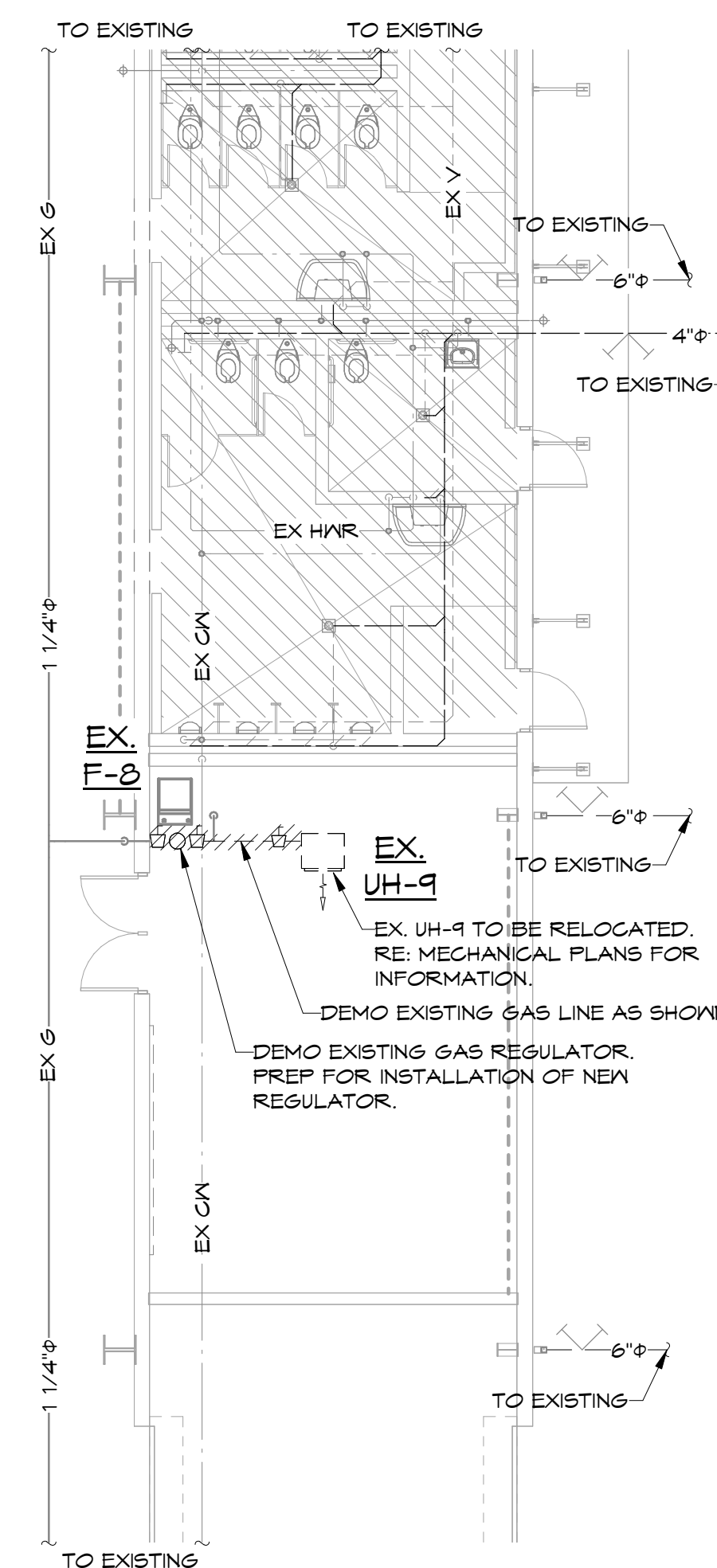
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**1 OVERALL FIRST FLOOR PLUMBING DEMO PLAN**  
1/32" = 1'-0"



**2 FIRST FLOOR PLUMBING DEMO PLAN - AREA A**  
1/8" = 1'-0"



**3 FIRST FLOOR PLUMBING DEMO PLAN - AREA B**  
1/8" = 1'-0"

NOTE:  
REFER TO SHEET P1.1 FOR PLUMBING NOTES, LEGEND, DETAILS, & RISERS.  
REFER TO SHEETS P2.0 & P2.1 FOR PLUMBING PLANS.



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PROJECT NO.  
**2421**  
REVISION DATES

PLUMBING PLANS  
SHEET  
**P2.1**

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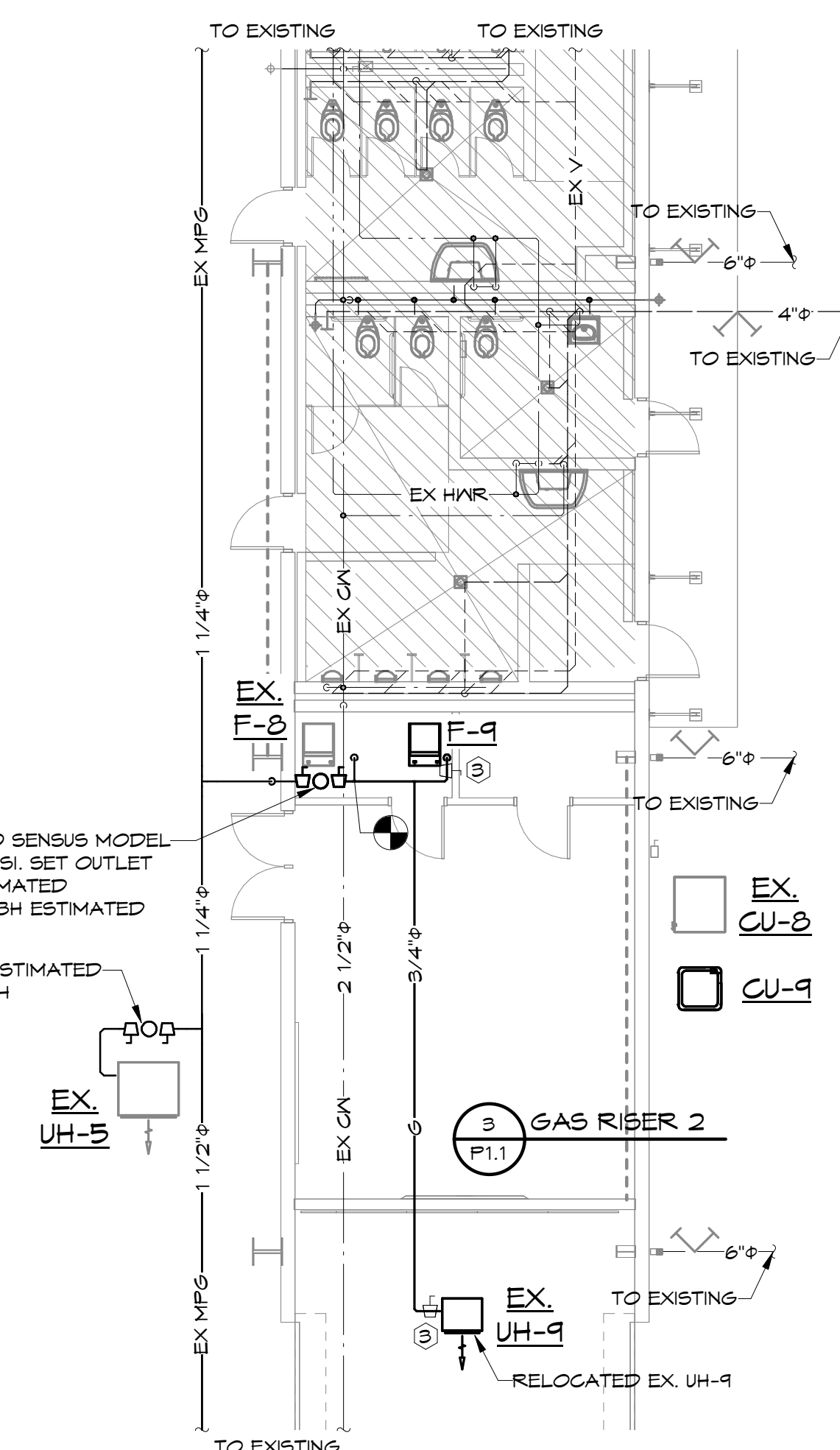
### 3 FIRST FLOOR PLUMBING PLAN - AREA B

1/8" = 1'-0"



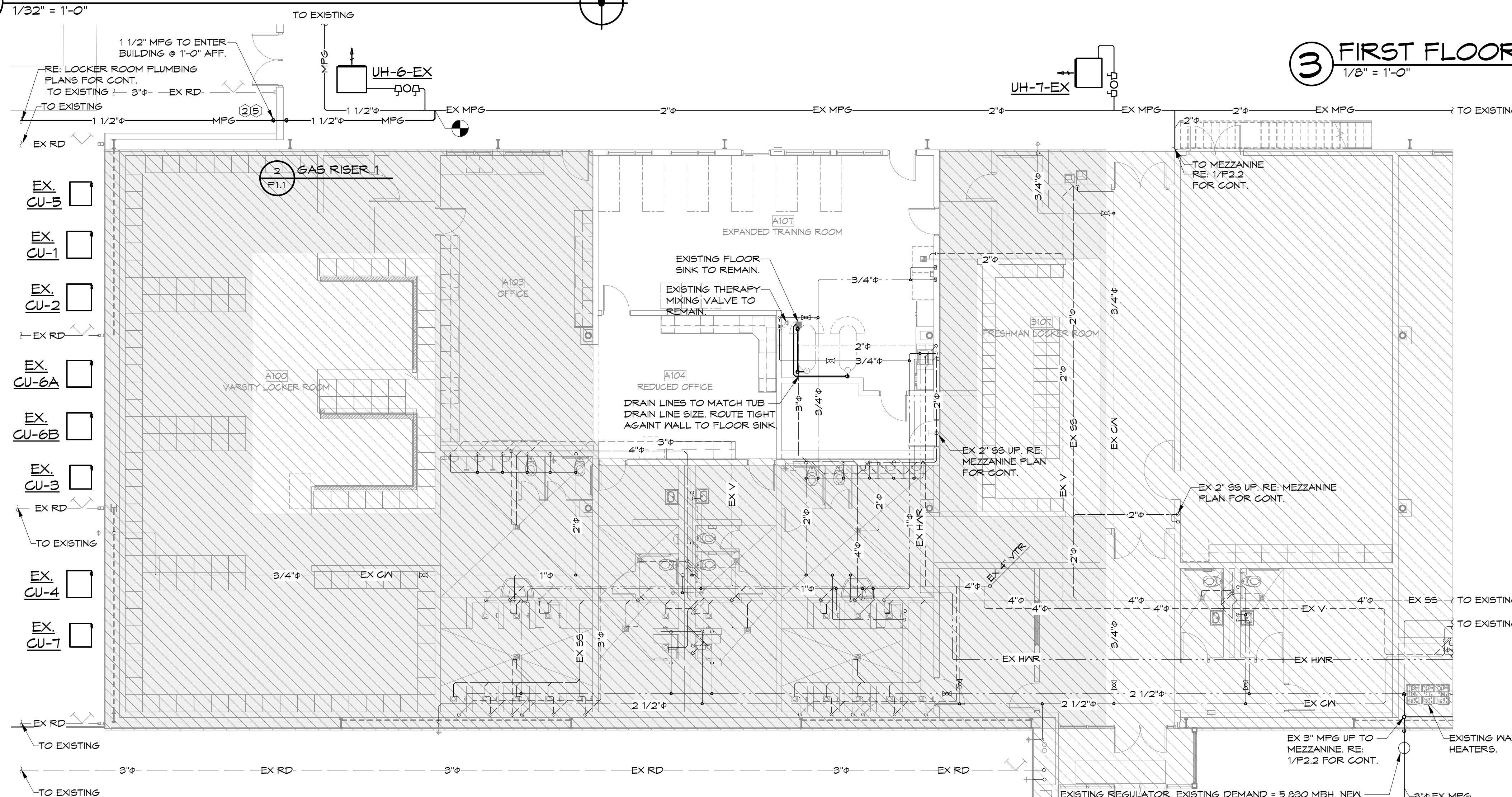
GAS REGULATOR EQUAL TO SENSUS MODEL  
249. INLET PRESSURE @ 5 PSI. SET OUTLET  
PRESSURE @ 11 IN. WG. ESTIMATED  
CONNECTED LOAD = 210 MBH ESTIMATED  
Le = 40 FT.

EXISTING GAS REGULATOR. ESTIMATED  
CONNECTED LOAD = 350 MBH  
ESTIMATED Le = 10 FT.



### 1 OVERALL FIRST FLOOR PLUMBING PLAN

1/32" = 1'-0"



### 2 FIRST FLOOR PLUMBING PLAN - AREA A

1/8" = 1'-0"

