

STAMP:

**CHUBBUCK  
POLICE STATION**

**CITY OF  
CHUBBUCK**

CONSULTANT:

DESCRIPTION

MARK DATE

JOB NO.: 18040.01  
DATE: 03/26/21  
DRAWN BY: SR  
CHECKED BY: DCS

PHASE: PERMIT DWGS.

**PLUMBING  
FLOOR  
PLANS**

SHEET NO.

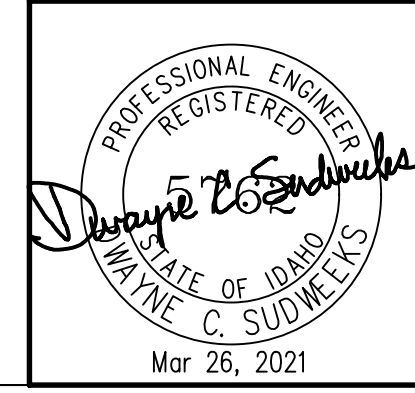
**P1.1**

**PLAN NOTES:**

- INSTALL NEW PLUMBING FIXTURE WHERE EXISTING WAS REMOVED. MODIFY ROUGH-IN AS REQUIRED. PROVIDE NEW BALL STOP VALVE(S) FOR HOT AND COLD WATER, AND NEW TAILPIECE WITH P-TRAP AS REQUIRED FOR INDIVIDUAL FIXTURE TYPE.
- SEE CIVIL SITE PLAN FOR CONTINUATION OF 6" FIRE LINE AND 2" DOMESTIC CW MAIN.
- WATER PRESSURE REDUCING VALVE ASSEMBLY. SEE DETAIL ON SHEET P2.0
- FIRE RISER VALVE ASSEMBLY. SEE DETAIL ON SHEET P2.1
- INSTALL COMPLETE FIRE SPRINKLER SYSTEM THROUGHOUT THE ENTIRE BUILDING COMPLETE WITH PIPING AND HEADS AS PER NFPA13 CODE REQUIREMENTS.
- CONNECT NEW WASTE LINE TO EXISTING WASTE LINE UNDER SLAB. FIELD VERIFY EXACT LOCATION OF EXISTING UNDERSLAB WASTE LINE.
- CONNECT NEW WASTE LINE FROM FIXTURE(S) TO EXISTING WASTE PIPING LOCATED UNDERSLAB. FIELD VERIFY LOCATION OF EXISTING WASTE LINE.
- CONNECT NEW VENT PIPING TO EXISTING VENT PIPING LOCATED ABOVE CEILING. FIELD VERIFY EXACT LOCATION OF EXISTING VENT PIPING.
- PLUMBING CONTRACTOR TO COORDINATE WITH GEN. CONTRACTOR FOR SAWCUTTING OF EXISTING CONCRETE SLAB TO INSTALL NEW WASTE, VENT AND WATER PIPING IN BUILDING.
- CONNECT NEW 3/4" HW LINE TO EXISTING HW LINE SERVING TOILET ROOM LAVATORIES. FIELD VERIFY EXACT LOCATION OF EXISTING HW PIPING.
- CONNECT NEW 1-1/2" CW LINE TO EXISTING CW LINE SERVING TOILET ROOM FIXTURES COMPLETE WITH SHUT-OFF VALVE IN MECH. ROOM. FIELD VERIFY EXACT LOCATION OF EXISTING PIPING.
- RISE 3" Ø FLUES FROM WATER HEATER UP THRU ROOF TO VERTICAL VENT TERMINATION ASSEMBLY. SEE DETAIL ON SHEET P2.0.
- RECONNECT EXISTING GAS PIPING TO NEW FURNACE.
- RECONNECT EXISTING CONDENSATE DRAIN LINES SERVING FURNACE AND DX COOLING COIL TO NEW FURNACE AND DX COOLING COILS. MODIFY EXISTING PIPING AS REQUIRED.
- GAS METER BY LOCAL GAS COMPANY SIZED FOR 1,285,000 BTU AT 2 PSI DELIVERY PRESSURE.
- RISE 1-1/4" (2 PSI) GAS LINE UP FROM METER EXPOSED ON WALL THRU ROOF.
- ALL GAS PIPING LOCATED ON ROOF TO BE SUPPORTED USING ERICO PIPE PIER SUPPORTS OR APPROVED EQUAL AT 10'-0" ON CENTER.
- DROP 3/4" (2 PSI) GAS LINE DOWN THRU ROOF AND CONNECT TO WATER HEATER. SEAL ROOF PENETRATION WEATHERTIGHT. INSTALL 2 PSI TO OZ. REGULATOR SIZED FOR ACTUAL BTU LOAD OF WATER HEATER PROVIDED AND VENT TO THE EXTERIOR AS RECD. CONNECT 3/4" (OZ) GAS LINE TO WATER HEATER COMPLETE WITH SHUT-OFF VALVE, FLEXIBLE CONNECTION AND DIRT LEG. SEE DETAIL ON SHEET P2.0.
- RUN NEW 3/4" (2 PSI) GAS LINE COMPLETE WITH 2 PSI TO OZ. REGULATOR SIZED FOR BTU LOAD OF UNIT PROVIDED. CONNECT NEW 3/4" (OZ) GAS LINE TO ROOFTOP UNIT AND CONNECT. INSTALL SHUT-OFF VALVE, FLEXIBLE CONNECTION AND DIRT LEG. SEE DETAIL ON SHEET P2.0
- INSTALL 2 PSI TO OZ. REGULATOR ON 3/4" (2 PSI) GAS LINE ON ROOF SERVING FURNACES F-1, F-2 AND F-3 LOCATED IN MEZZANINE BELOW. SIZE REGULATOR FOR TOTAL BTU LOAD OF ALL (3) FURNACES PROVIDED.
- DROP 1-1/2" (OZ.) GAS LINE DOWN THRU ROOF AND CONNECT TO EXISTING 1-1/2" (OZ) GAS LINE SERVING FURNACES F-1 THRU F-3 IN MEZZANINE. FIELD VERIFY LOCATION OF EXISTING PIPING. SEAL ROOF PENETRATION WEATHERTIGHT.
- SEE CIVIL SITE PLAN FOR CONT. OF 2" UNDERGROUND ROOF DRAIN PIPING.
- RUN 2" ROOF DRAIN AND 2" ROOF OVERFLOW DRAIN AS HIGH AS POSSIBLE INTO EXISTING STORAGE 104 AND DROP PIPING EXPOSED ON WALL AS SHOWN. INSTALL DS-1 DOWNSPOUT ON OVERFLOW DRAIN AT 18" A.F.F. AND DROP 2" ROOF DRAIN LINE DN. THRU SLAB AND OUT THRU EXTERIOR OF FOUNDATION WALL AS SHOWN. CORE DRILL SLAB AND FOUNDATION WALL AS REQUIRED TO INSTALL NEW 2" ROOF DRAIN PIPING.
- INSTALL 1/2" BACKFLOW PREVENTOR ON 1/2" CW LINE SERVING FUME HOOD. PIPE DRAIN FROM BACKFLOW PREVENTOR TO NEAREST SINK SIDE OF P-TRAP USING DISHWASHER CONNECTION.

**GENERAL NOTES:**

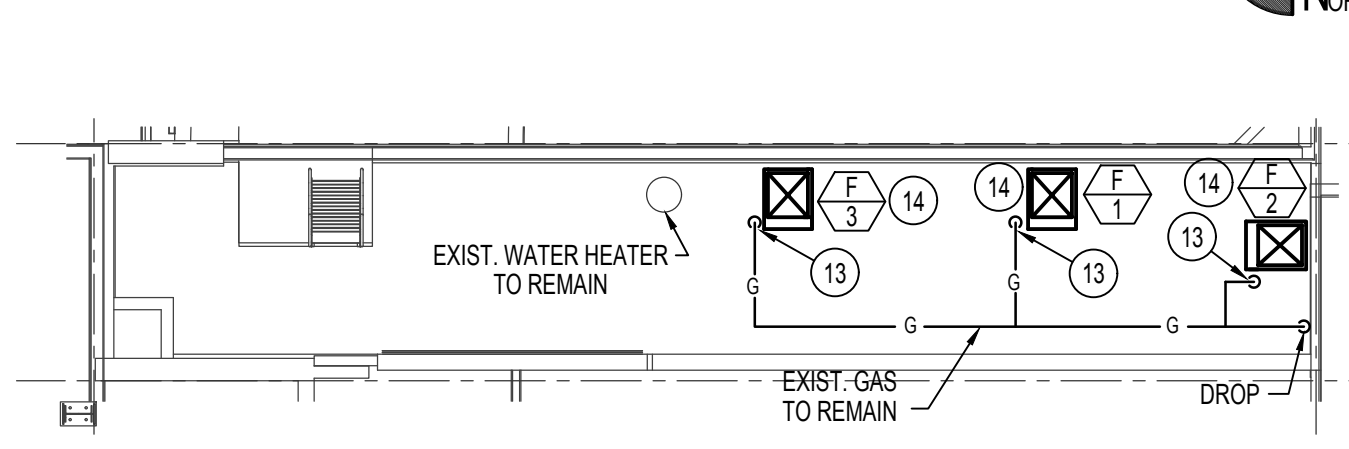
- A- THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONNECTIONS ON THE JOB SITE. ALL WORK SHALL BE EXECUTED FROM MEASUREMENTS TAKEN AT THE SITE.
- B- THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO INSURE PROPER CODE CLEARANCES FOR ELECTRICAL AND MECHANICAL ACCESS WHEN INSTALLING ANY EQUIPMENT SUPPLIED BY THE MECHANICAL CONTRACTOR.
- C- IT IS CRITICAL THAT THIS CONTRACTOR COORDINATE EQUIPMENT LOCATIONS WITH PIPING, DUCTWORK, ELECTRICAL CONDUIT AND BUILDING STRUCTURE TO INSURE CODE COMPLIANCE.
- D- CEILING DIFFUSERS ARE SHOWN IN APPROXIMATE LOCATIONS. REFER TO LIGHTING PLANS AND REFLECTED CEILING PLAN FOR EXACT LOCATIONS.
- E- DUCT DIMENSIONS CALLED OUT ON DRAWINGS ARE INSIDE FREE AREA DIMENSIONS. ACOUSTICAL DUCT LINER ARE TO BE ADDED TO OVERALL MEASUREMENTS.
- F- ALL DUCTWORK AND PIPING WHICH PASSES THRU FIRE RATED WALLS TO BE FIRE STOPPED WITH APPROVED FOAM OR SEALANT. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURERS.



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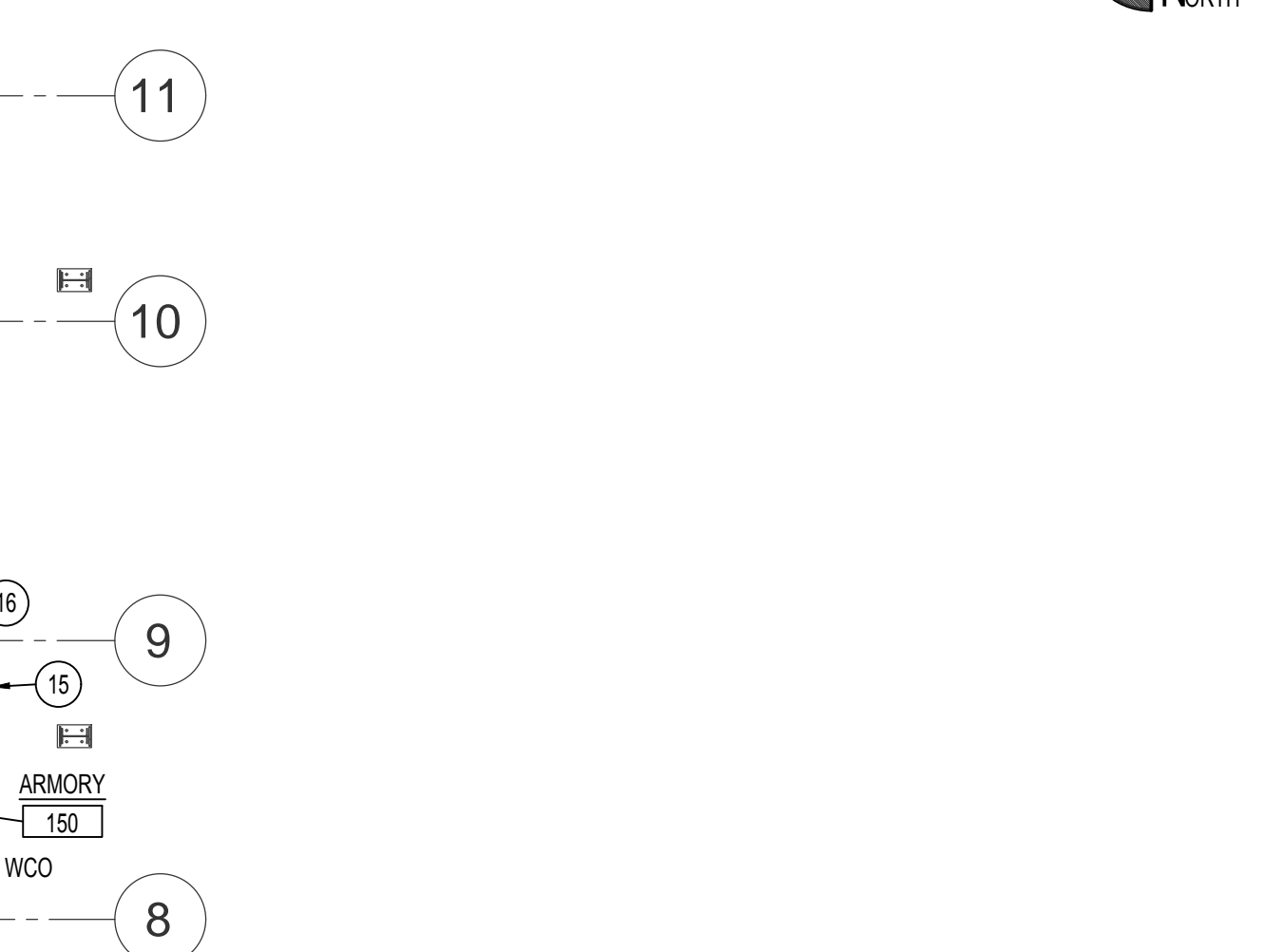
**BASEMENT PLUMBING PLAN**

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



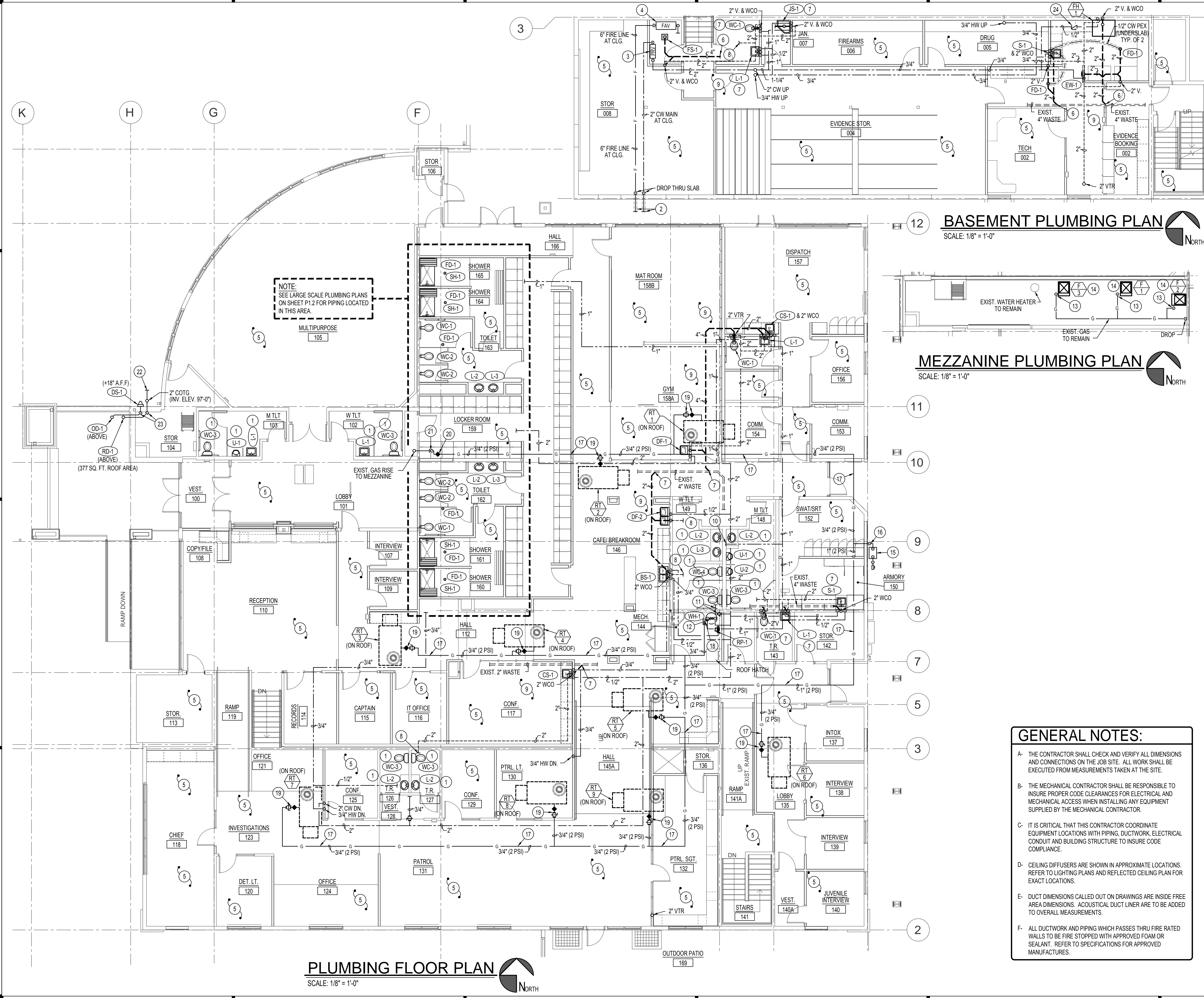
**MEZZANINE PLUMBING PLAN**

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



**PLUMBING FLOOR PLAN**

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



NOTE:  
SEE LARGE SCALE PLUMBING PLANS  
ON SHEET P1.2 FOR PIPING LOCATED  
IN THIS AREA.

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