



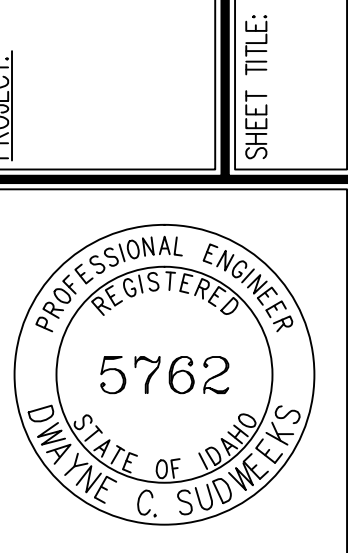
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**A NEW COMMUNITY CENTER FOR:
BYU-IDAHO VILLAGE APTS.
REXBURG, IDAHO**

PLUMBING FLOOR PLANS

PROJECT:

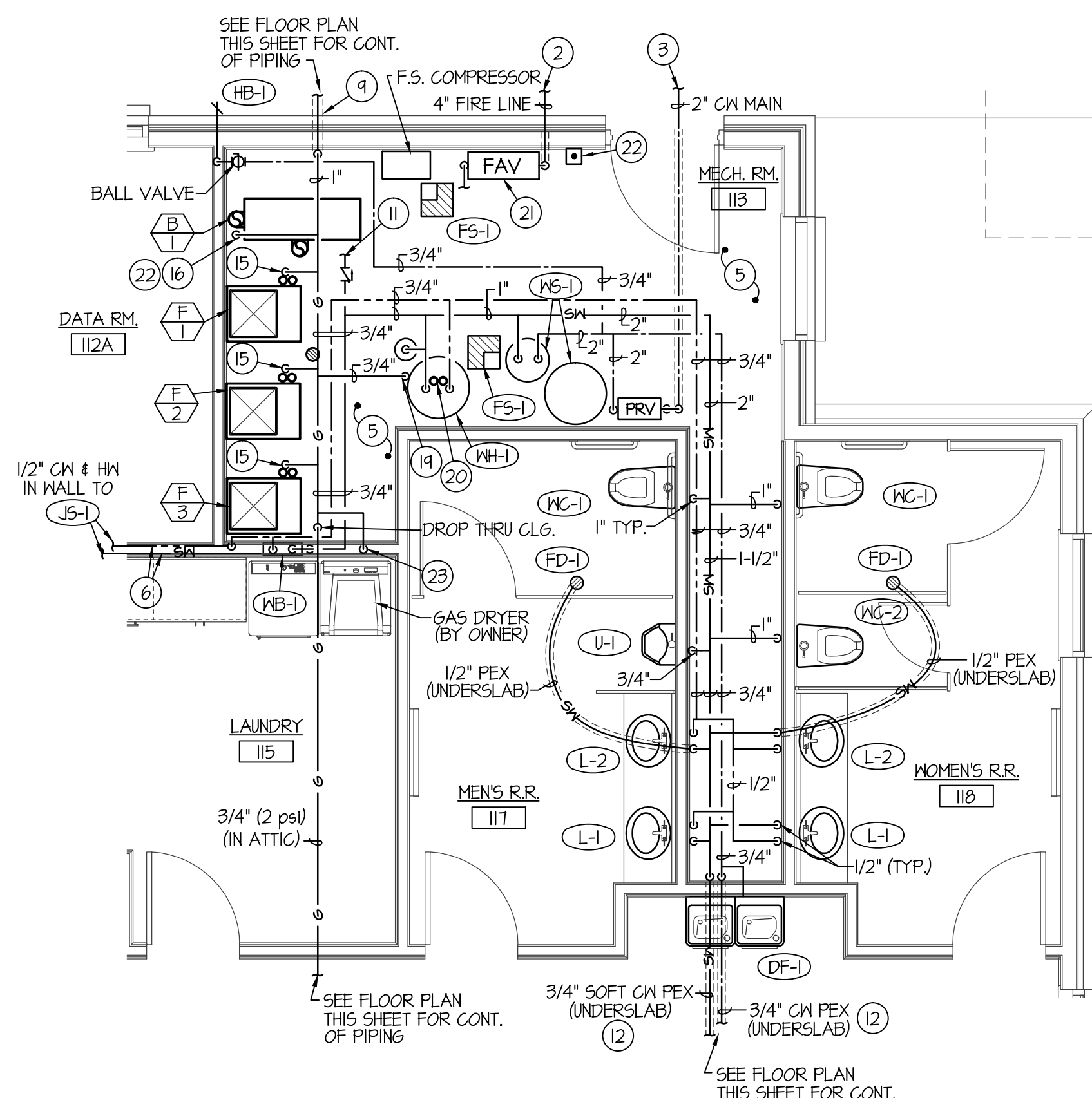


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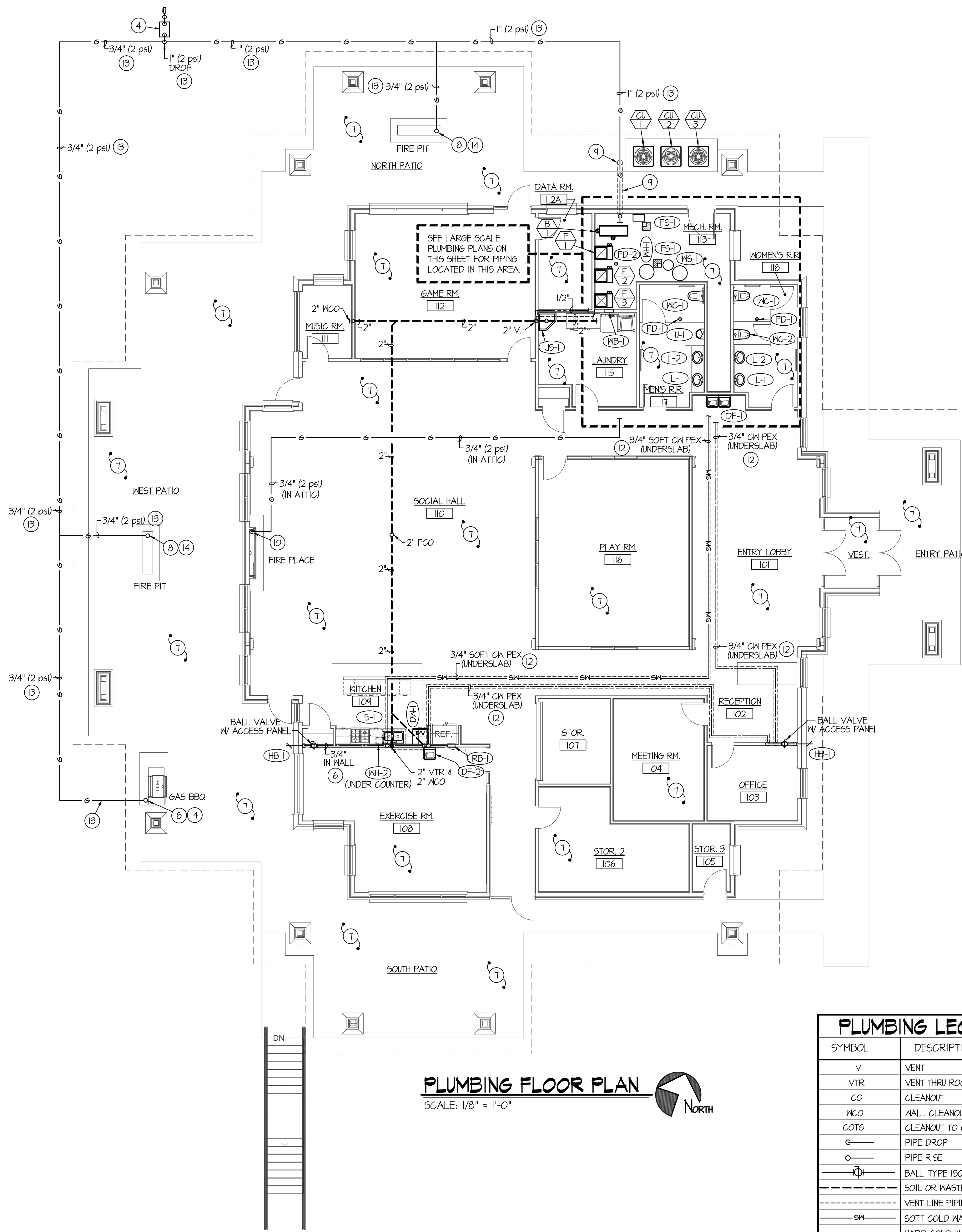
SHEET: 100
OF: THREE

PLAN NOTES:

- SEE CIVIL SITE PLAN FOR CONTINUATION OF 4" SEWER MAIN CONNECTING TO CITY SEWER.
- SEE CIVIL SITE PLAN FOR CONTINUATION OF 4" FIRE LINE.
- SEE CIVIL SITE PLAN FOR CONTINUATION OF 2" DOMESTIC CW MAIN CONNECTING TO CITY WATER MAIN.
- GAS METER BY LOCAL GAS COMPANY SIZED FOR 1,300,000 BTU AT 2 PSI DELIVERY PRESSURE.
- ALL WATER PIPING LOCATED IN MECHANICAL ROOM TO BE RUN AS HIGH AS POSSIBLE AT CEILING OF MECH. ROOM. NO WATER PIPING ALLOWED IN COLD ATTIC.
- RUN WATER PIPING LATERALLY IN STUD SPACE OF WALL. DO NOT RUN WATER PIPING IN COLD ATTIC SPACE.
- INSTALL COMPLETE FIRE SPRINKLER SYSTEM FOR BUILDING AS PER NFPA 13 CODE REQUIREMENTS.
- RISE 3/4" 2 PSI GAS LINE UP THRU SLAB TO SERVE GAS FIRE PIT / GAS BBQ. INSTALL 2 PSI TO OZ. REGULATOR ON 3/4" GAS LINE SIZED FOR ACTUAL BTU LOAD OF APPLIANCE SUPPLIED. CONNECT 3/4" OZ. GAS LINE TO APPLIANCE COMPLETE WITH SHUT-OFF VALVE, DIRT LEG AND FLEXIBLE CONNECTION. SEE DETAIL ON SHEET P200.
- INSTALL 1" (2 PSI) GAS LINE UNDERSLAB AND RISE UP IN MECH. ROOM TO SERVE GAS FURNACES AND BOILER AS SHOWN. INSTALL PIPE UNDERSLAB IN 4" PVC SLEEVE VENTED TO GOOSENECK EXTERIOR VENT. SEE DETAIL ON SHEET P200.
- DROP 3/4" (2 PSI) GAS LINE DOWN FROM ATTIC TO SERVE FIRE PLACE BELOW. INSTALL 2 PSI TO OZ. REGULATOR ON 3/4" GAS LINE SIZED FOR ACTUAL BTU LOAD OF APPLIANCE SUPPLIED. CONNECT 3/4" OZ. GAS LINE TO APPLIANCE COMPLETE WITH SHUT-OFF VALVE, DIRT LEG AND FLEXIBLE CONNECTION. SEE DETAIL ON SHEET P200.
- 3/4" COLD SOFT WATER MAKE-UP FOR BOILER SYSTEM WITH BACKFLOW PREVENTOR. SEE BOILER PIPING DIAGRAM ON SHEET M201.
- ALL WATER PIPING LOCATED UNDER SLAB TO BE INSULATED WITH 3/4" THICK ARMAFLEX PIPE INSULATION WITH NO JOINTS ALLOWED UNDERSLAB. SEE DETAIL ON SHEET P200.
- GAS PIPING IN THIS LOCATION TO BE BURIED UNDERGROUND COMPLETE WITH TRACER.
- PROVIDE PUSH BUTTON GAS SOLENOID SHUT-OFF VALVE AND INTERLOCK (2) EXTERIOR FIRE PIT SHUT-OFF VALVES AND (1) GAS FIRED BBQ SHUT-OFF VALVE.
- DROP 3/4" (2 PSI) GAS LINE DOWN TO SERVE FURNACE BELOW. INSTALL 2 PSI TO OZ. REGULATOR ON 3/4" GAS LINE SIZED FOR ACTUAL BTU LOAD OF FURNACE SUPPLIED. CONNECT 3/4" OZ. GAS LINE TO FURNACE COMPLETE WITH SHUT-OFF VALVE, DIRT LEG AND FLEXIBLE CONNECTION. SEE DETAIL ON SHEET P200.
- DROP 1" (2 PSI) GAS LINE DOWN TO SERVE BOILER BELOW. INSTALL 2 PSI TO OZ. REGULATOR ON 3/4" GAS LINE SIZED FOR ACTUAL BTU LOAD OF FURNACE SUPPLIED. CONNECT 1-1/4" OZ. GAS LINE TO FURNACE COMPLETE WITH SHUT-OFF VALVE, DIRT LEG AND FLEXIBLE CONNECTION. SEE DETAIL ON SHEET P200.
- RUN 3/4" CONDENSATE DRAIN LINE FROM FURNACE AND DX COOLING COIL TO FLOOR DRAIN WITH AIRGAP.
- RUN 3/4" CONDENSATE DRAIN LINE FROM BOILER TO FLOOR SINK COMPLETE WITH AIR GAP.
- DROP 3/4" (2 PSI) GAS LINE DOWN TO SERVE WATER HEATER BELOW. INSTALL 2 PSI TO OZ. REGULATOR ON 3/4" GAS LINE SIZED FOR ACTUAL BTU LOAD OF UNIT SUPPLIED. CONNECT 3/4" OZ. GAS LINE TO WATER HEATER COMPLETE WITH SHUT-OFF VALVE, DIRT LEG AND FLEXIBLE CONNECTION. SEE DETAIL ON SHEET P200.
- RISE (2) 3" FLIES UP THRU ROOF TO VERTICAL VENT TERMINATION ASSEMBLY. SEAL ROOF PENETRATION WEATHERTIGHT. SEE WATER HEATER DETAIL ON SHEET P200.
- 4" FIRE RISER ASSEMBLY. SEE DETAIL ON SHEET P201.
- INSTALL EMERGENCY GAS SOLENOID VALVE ON 1-1/4" GAS LINE SERVING BOILER AND INTERLOCK WITH EMERGENCY PUSH-BUTTON SWITCH ON WALL NEXT TO DOOR.
- DROP 3/4" (2 PSI) GAS LINE DOWN TO SERVE GAS DRYER. INSTALL 2 PSI TO OZ. REGULATOR ON 3/4" GAS LINE SIZED FOR ACTUAL BTU LOAD OF DRYER SUPPLIED. CONNECT 3/4" OZ. GAS LINE TO DRYER COMPLETE WITH SHUT-OFF VALVE, DIRT LEG AND FLEXIBLE CONNECTION. SEE DETAIL ON SHEET P200.

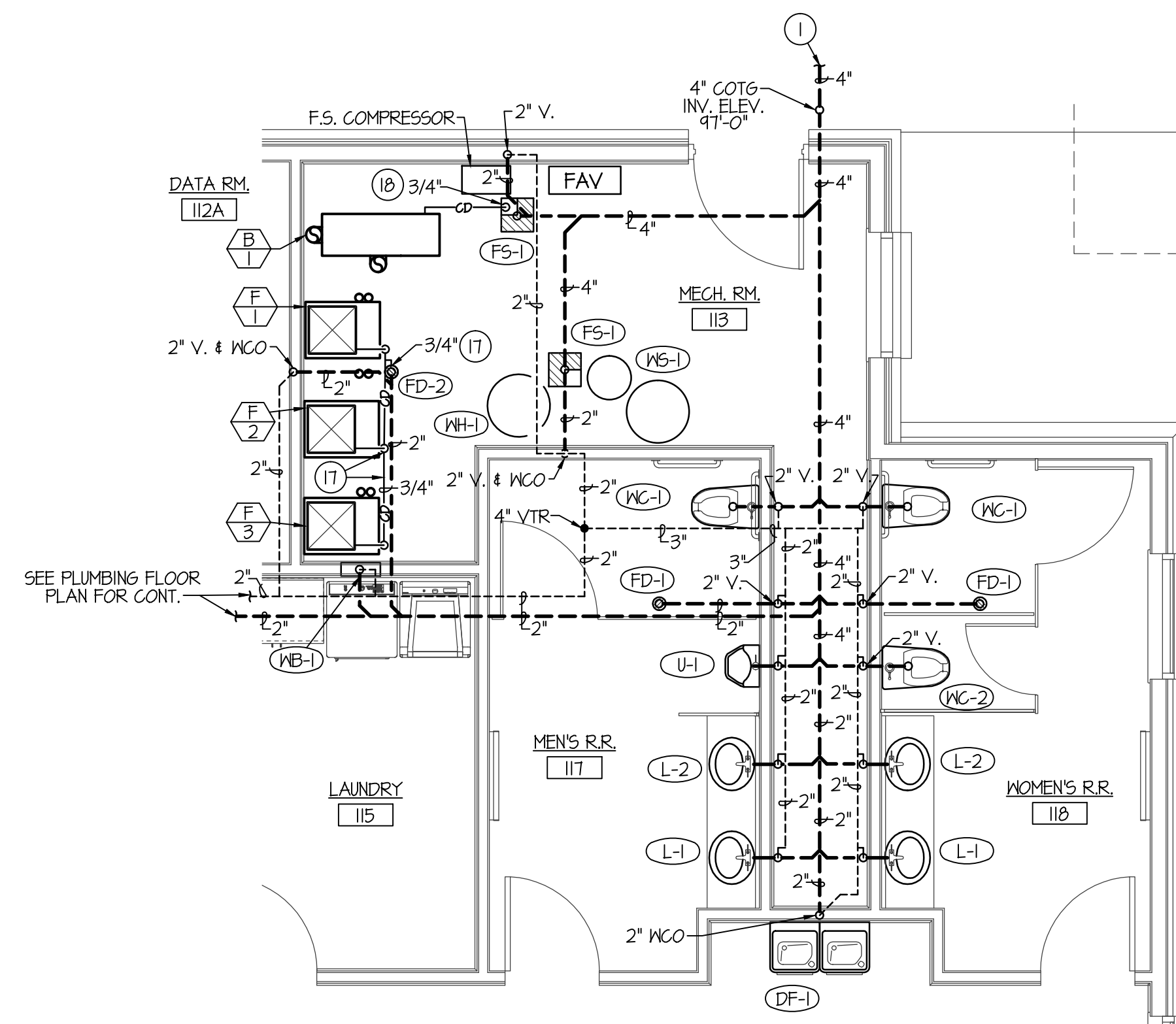


**LARGE SCALE TOILET ROOM
WATER & GAS PIPING FLOOR PLAN**
SCALE: 1/4" = 1'-0"
North



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

PLUMBING LEGEND	
SYMBOL	DESCRIPTION
V	VENT
VTR	VENT THRU ROOF
CO	CLEANOUT
MCO	WALL CLEANOUT
COTG	CLEANOUT TO GRADE
—	PIPE DROP
—	PIPE RISE
—	BALL TYPE ISOLATION VALVE
---	SOIL OR WASTE PIPING
---	VENT LINE PIPING
---	SOFT COLD WATER PIPING
---	HARD COLD WATER PIPING
---	DOMESTIC HOT WATER PIPING
---	GAS PIPING
---	CONDENSATE DRAIN PIPING



**LARGE SCALE TOILET ROOM
WASTE & VENT PIPING FLOOR PLAN**
SCALE: 1/4" = 1'-0"
North

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