

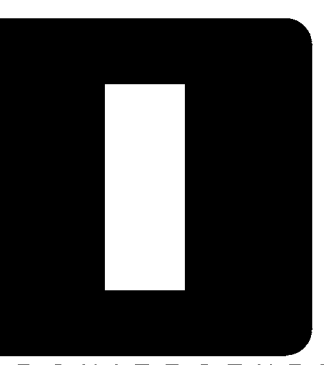
GENERAL NOTES

- A. ALL PLUMBING FIXTURES SHALL BE WATER CONSERVATION TYPE AS MANDATED BY LOCAL BLDG. DEPT.
- B. ALL WATER CLOSETS DESIGNATED AS HANDICAP SHALL BE INSTALLED SUCH THAT THE ACTUATOR IS OPERABLE FROM THE WIDE SIDE OF WATER CLOSET.
- C. PRIOR TO INSTALLATION OF SEWER AND WATER PIPING BELOW GRADE COORDINATE EXACT LOCATIONS AND DEPTHS OF BURIAL WITH CIVIL AND FOUNDATION DRAWINGS AND CORRESPONDING ENGINEERS.
- D. PRIOR TO DETAILING & INSTALLING PLUMBING AND FIRE PROTECTION PIPING COORDINATE EXACT ROUTING AND ELEVATIONS WITH MECHANICAL, ELECTRICAL AND FIRE SPRINKLER CONTRACTORS. PROVIDE WRITTEN CONFIRMATION THAT THIS COORDINATION HAS BEEN IMPLEMENTED PRIOR TO PROCEEDING WITH INSTALLATION OF PIPING.
- E. ALL PLUMBING FIXTURES SHALL HAVE A TRAP INSTALLED AND SHALL BE PROPERLY VENTED IN ORDER TO MAINTAIN THE TRAP SEAL.

PLUMBING PLAN KEYNOTES

- ① CONNECT NEW SANITARY SEWER LINE TO (E) SANITARY SEWER PROVIDED IN SHELL. CONTRACTOR TO FIELD VERIFY EXACT LOCATION, DIRECTION OF FLOW, SLOPE, AND CAPACITY FOR THE ADDED FIXTURES FROM THIS TI.
- ② CONNECT NEW GREASE WASTE LINE TO (E) GREASE WASTE LINE PROVIDED IN SHELL. CONTRACTOR TO FIELD VERIFY EXACT LOCATION, DIRECTION OF FLOW, SLOPE, AND CAPACITY FOR THE ADDED FIXTURES FROM THIS TI.
- ③ 3/4" CONDENSATE DRAIN DOWN IN WALL AND CONNECT TO LAVATORY/SINK TAILPIECE.
- ④ CONNECT NEW VENT PIPING TO (E) 3" VENT THRU ROOF.
- ⑤ NEW 4" VENT THRU ROOF.
- ⑥ NEW 3" VENT THRU ROOF.
- ⑦ ROUTE ROOT VENTS UNDER SLAB TO EACH FLOOR SINK/DRAIN.
- ⑧ PROVIDE ISLAND VENT AS SHOWN ON F2.1.
- ⑨ CONDENSATE DRAIN FROM ROOF EQUIPMENT.
- ⑩ ROUTE WATER HEATER TAP RELIEF VALVE & DRAIN TO FLOOR SINK W/ 1" AIR GAP. ALSO ROUTE FILTRATION EQUIPMENT DRAINS TO FLOOR SINK.
- ⑪ 2" VENT & 3" SANITARY SEWER DOWN TO BELOW.

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Stamp:



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PROJECT MANAGER:
SR

DRAWN BY:
SRWF

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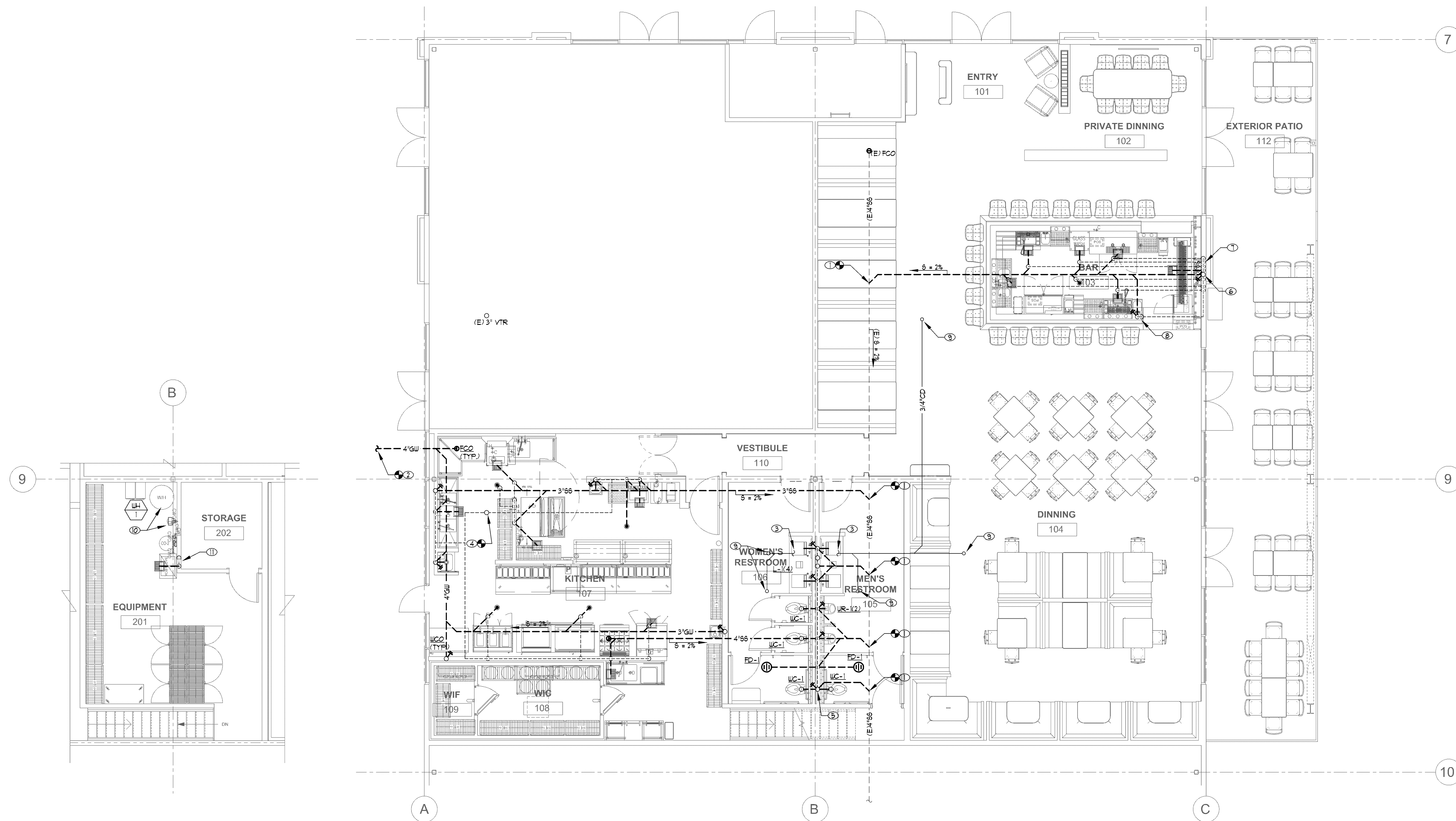
THE 908
LBX - LONG BEACH
EXCHANGE
3850 WORSHAM
BOULEVARD
SUITE 410, BUILDING R-4
Project Number:

Sheet Title:

PLUMBING
PLAN -
WASTE AND
VENT

Sheet Number:

P102



SCALE: 3/16" = 1'-0"
PLUMBING PLAN - EQUIPMENT PLATFORM

SCALE: 3/16" = 1'-0"
PLUMBING PLAN - WASTE AND VENT



PROJ: 81245.P11

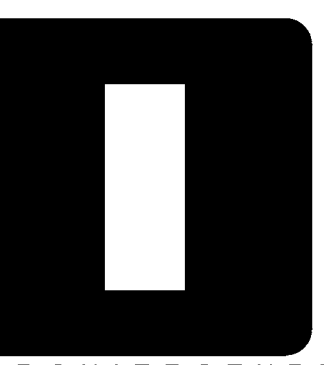
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PLUMBING PLAN KEYNOTES

- ① PROVIDE LINE SIZED TENANT SUB-METER, COORDINATE REQUIREMENTS WITH OWNER.
- ② CU, HU, HUR, SCU & G LINES UP TO EQUIPMENT ROOM ABOVE.
- ③ 12" CU LINE UP TO MAKE-UP AIR UNIT.
- ④ CONNECT NEW GAS LINE TO (E) GAS LINE PROVIDED IN SHELL.
- ⑤ SOLENOID VALVE, INTERLOCK WITH HOOD FIRE SUPPRESSION SYSTEM (ANSUL).
- ⑥ ROUTE SOIL, HU & HUR LINES AS TIGHT TO UNDERCOUNTER WALL AS POSSIBLE.
- ⑦ CONNECT NEW WATER LINE TO (E) WATER LINE PROVIDED IN SHELL.

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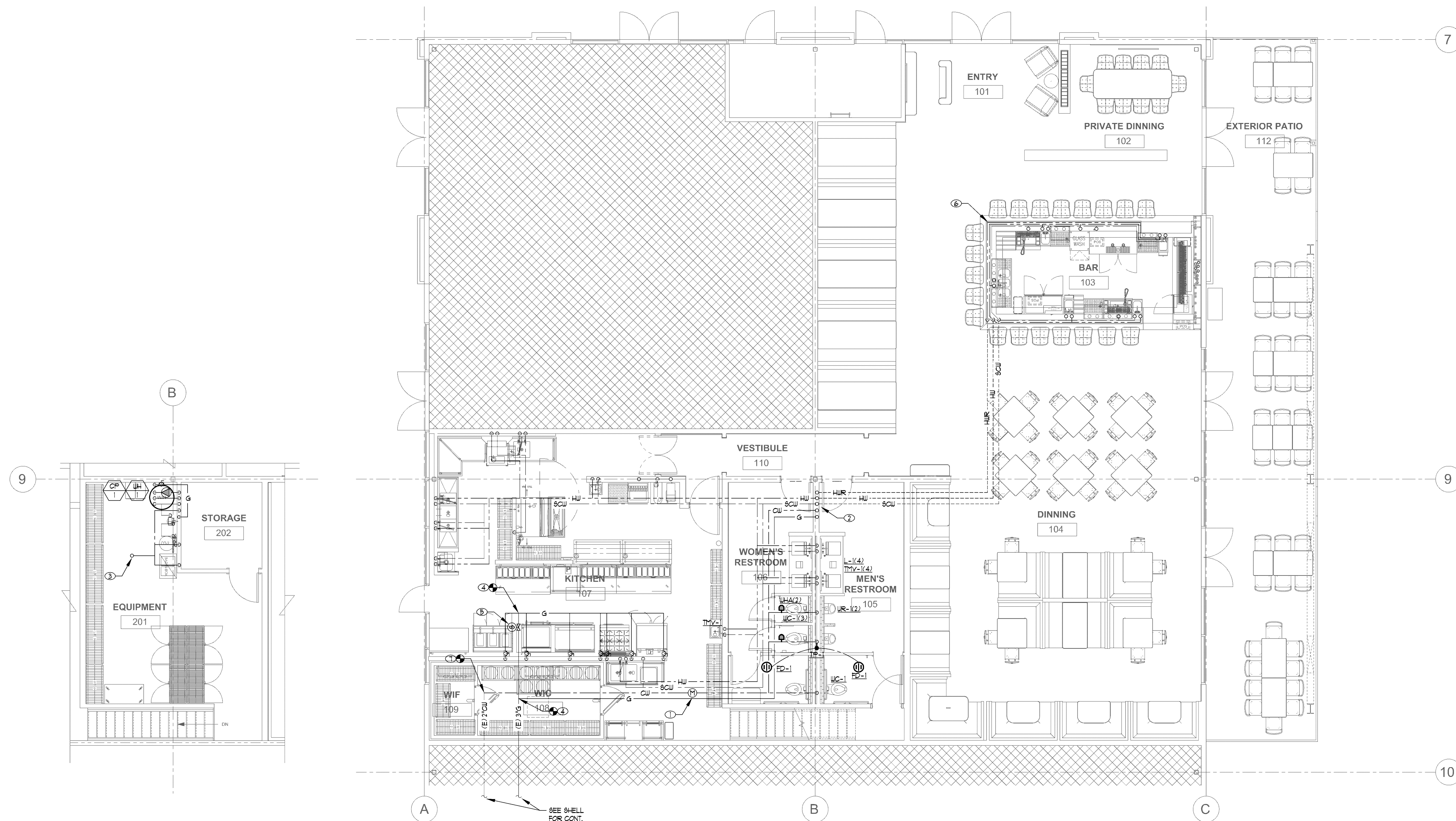
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PLUMBING PLAN -

WATER AND GAS

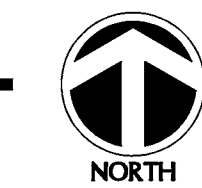
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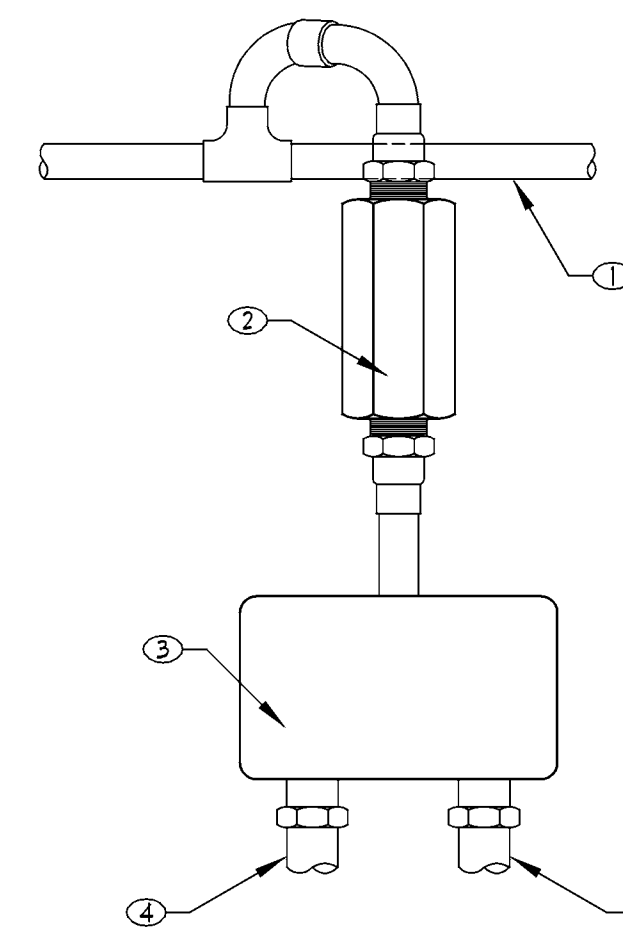


PLUMBING PLAN - EQUIPMENT
SCALE: 3/16" = 1'-0"
PLATFORM

PLUMBING PLAN - WATER AND GAS
SCALE: 3/16" = 1'-0"

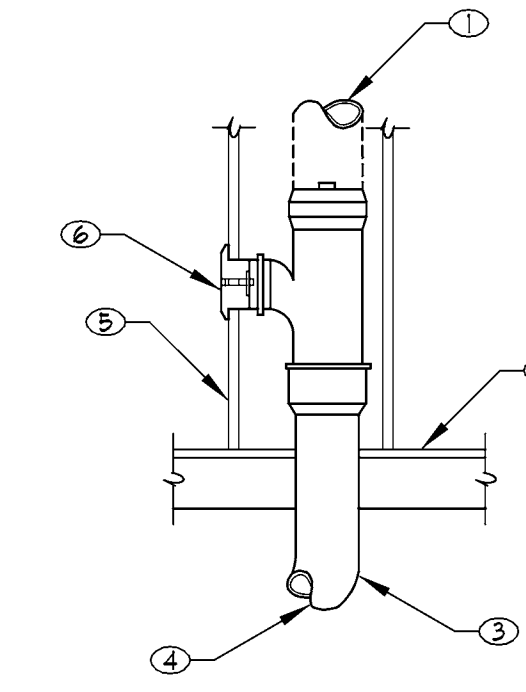


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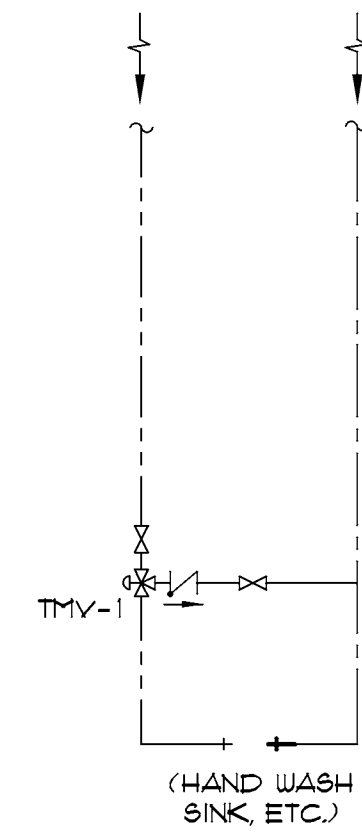
- ① REFER TO PLANS FOR SIZE AND LOCATION
- ② PRECISION PLUMBING PRODUCTS TRAP PRIMER VALVE
- ③ DISTRIBUTION UNIT WHERE REQUIRED
- ④ TO FLOOR DRAIN TRAP

06 TRAP PRIMER
TP01-01 09104 NO SCALE

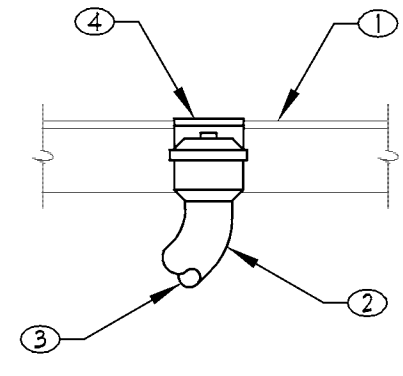


- ① MAY EXTEND AS WASTE OR VENT
- ② FLOOR LINE
- ③ 1/8 BEND
- ④ SEE PLANS FOR CONTINUATION
- ⑤ WALL
- ⑥ CHROME WALL COVER AND SCREW

01 WALL CLEANOUT (WCO)
CO1-01 09104 NO SCALE

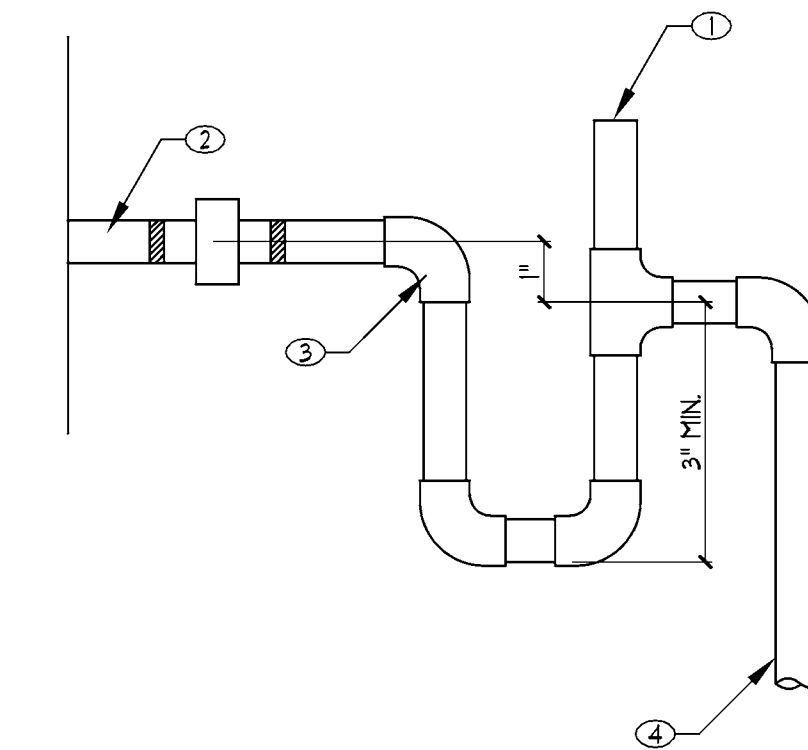


07 THERMOSTATIC MIXING VALVE DIAGRAM
M01-08 16013 NO SCALE



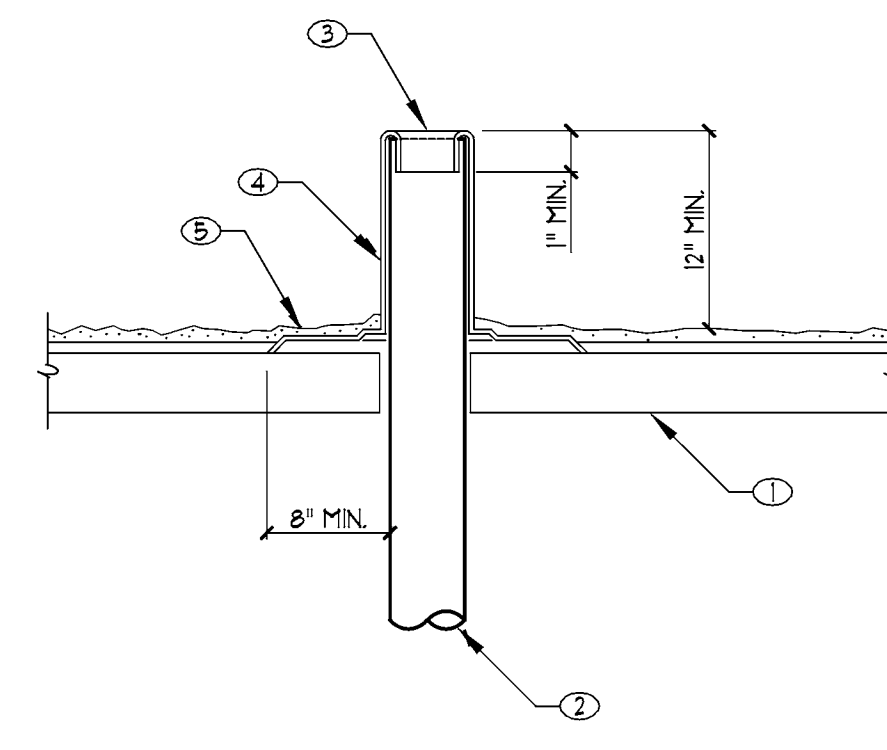
- ① FLOOR LINE
- ② 1/8 BEND
- ③ BALANCE OF PIPING SAME AS COTG
- ④ CLEANOUT AND ACCESS COVER TOP OF COVER TO BE FLUSH WITH TOP OF FLOOR

02 FLOOR CLEANOUT (FCO)
CO1-03 09104 NO SCALE



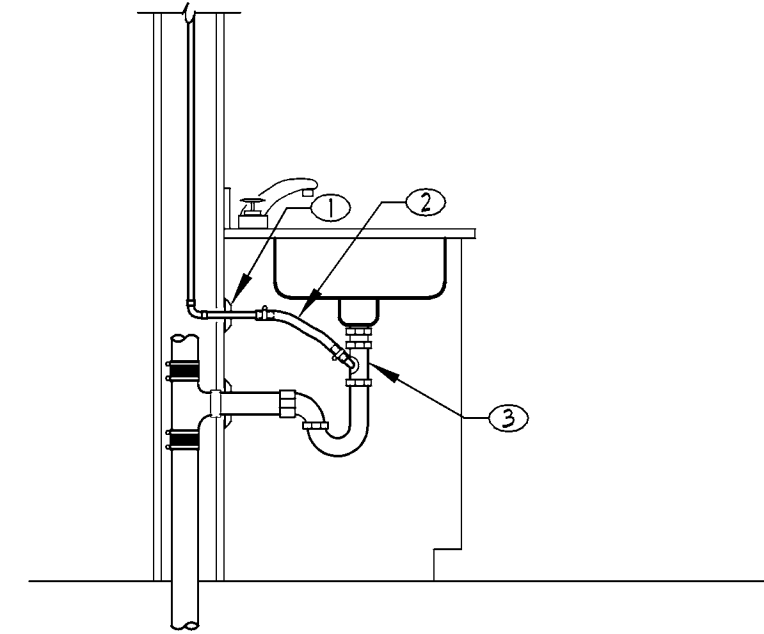
- ① VENT OPEN TO ATMOSPHERE
- ② SIZE TO MATCH UNIT OUTLET SIZE
- ③ COUPLING
- ④ TERMINATE PER PLANS

08 CONDENSATE TRAP
CO01-04 16018 NO SCALE



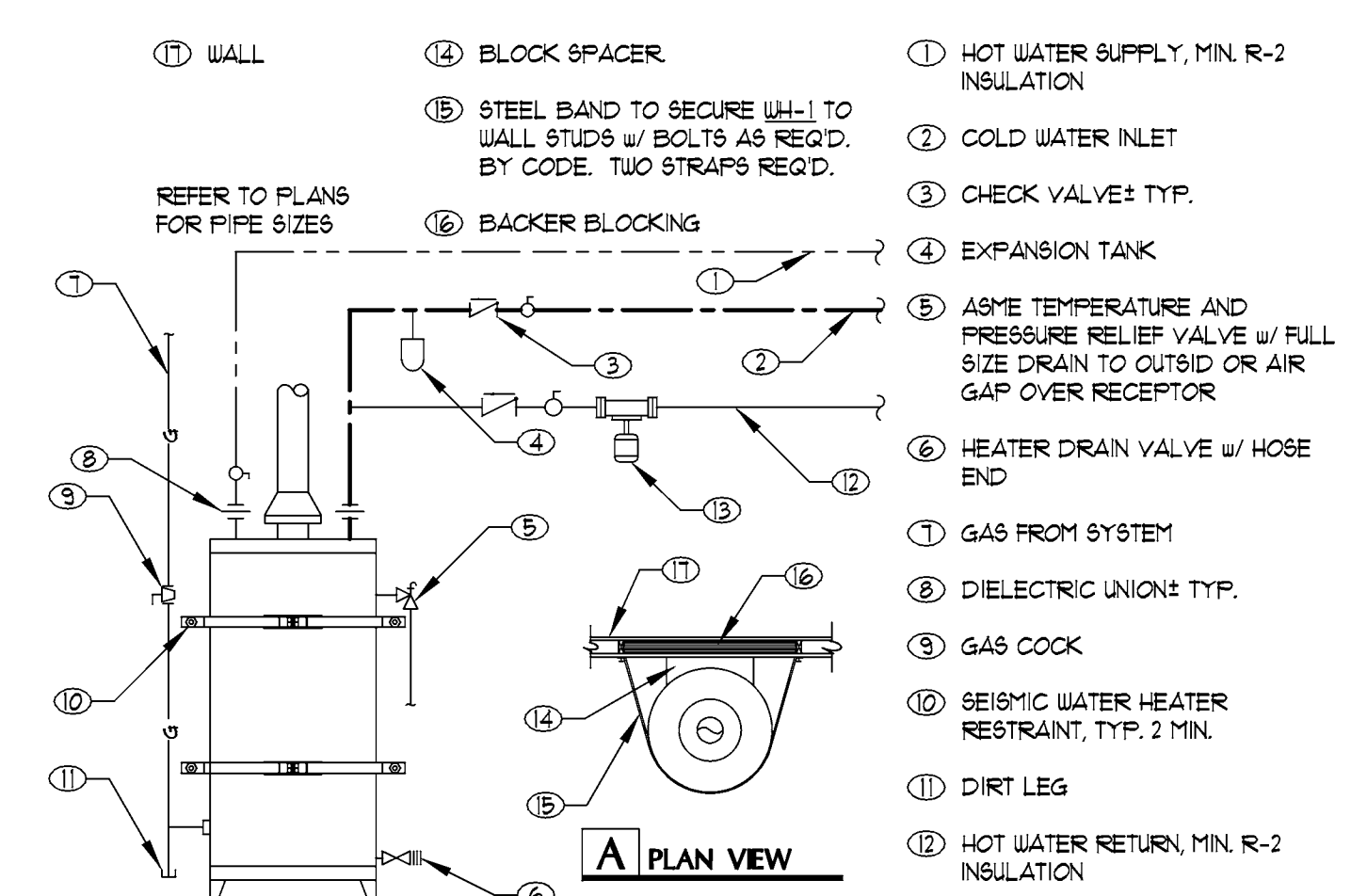
- ① SEE ARCHITECTURAL DETAILS FOR ROOF CONSTRUCTION
- ② VENT PIPE THRU ROOF. SEE PLUMBING ROOF PLANS FOR SIZE
- ③ TURN FLASHING DN INTO VENT PIPE
- ④ 6 LB. SHEET LEAD FLASHING
- ⑤ ROOF OVER BASE

03 VENT THROUGH ROOF
D01-06 09104 NO SCALE



- ① ESCUTCHEON
- ② COND. SLOPE TO DRAIN
- ③ COND. CONNECTS TO TAIL PIECE WITH SLIP JOINT FITTING BELOW COUNTER

04 CONDENSATE TO LAVATORY
CO01-02 09104 NO SCALE



- ① WALL
- ② BLOCK SPACER
- ③ STEEL BAND TO SECURE WALL TO WALL STUDS w/ BOLTS AS REQ'D. BY CODE. TWO STRAPS REQ'D.
- ④ REFER TO PLANS FOR PIPE SIZES
- ⑤ BACKER BLOCKING
- ⑥ HOT WATER SUPPLY, MIN. R-2 INSULATION
- ⑦ COLD WATER INLET
- ⑧ CHECK VALVE TYP.
- ⑨ EXPANSION TANK
- ⑩ ASME TEMPERATURE AND PRESSURE RELIEF VALVE w/ FULL SIZE DRAIN TO OUTSIDE OR AIR GAP OVER RECEPTOR
- ⑪ HEATER DRAIN VALVE w/ HOSE END
- ⑫ GAS FROM SYSTEM
- ⑬ DIELECTRIC UNION TYP.
- ⑭ GAS COCK
- ⑮ SEISMIC WATER HEATER RESTRAINT, TYP. 2 MIN.
- ⑯ DIRT LEG
- ⑰ HOT WATER RETURN, MIN. R-2 INSULATION
- ⑱ HOT WATER CIRCULATION PUMP

05 GAS WATER HEATER w/RECIRCULATION PUMP
H001-04 09104 NO SCALE

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WRIGHT engineers

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PLUMBING
DETAILS

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