



**BASEMENT AND FOUNDATION PLUMBING PLAN**

SCALE: 1/8" = 1'-0" (BASE BID CONDITIONS)



- PLAN NOTES:**
- 1 REFER TO SITE PLAN FOR CONTINUATION OF PIPING.
  - 2 RISE 6" ROOF DRAIN UP IN EXTERIOR WALL SYSTEM EXTEND TO 3" MIN. BELOW GRADE. REFER TO SHEET WP101 FOR CONTINUATION OF PIPING ABOVE AND TO DETAIL VP301 FOR TYPICAL INSTALLATION OF PIPING IN EXTERIOR WALL SYSTEMS.
  - 3 RISE 6" ROOF DRAIN UP IN JANITOR ROOM OR IN WALL ON MAIN LEVEL ABOVE. REFER TO SHEET P101 FOR CONTINUATION OF PIPING ABOVE.
  - 4 RISE 6" FIRE WATER SERVICE LINE UP IN ROOM ABOVE AND CONNECT TO FIRE RISER AND ALARM VALVE. SEE LARGE SCALE PLAN BP201 FOR CONTINUATION OF PIPING ABOVE AND TO DETAIL CP502 FOR TYPICAL PIPING CONNECTIONS.
  - 5 RISE 2" COLD WATER SERVICE LINE UP IN BASEMENT LEVEL MECHANICAL-ELECTRICAL ROOM AND CONNECT TO PRESSURE REDUCING STATION. REFER TO LARGE SCALE PLAN AP201 FOR CONTINUATION OF PIPING AND TO DETAIL SP301 FOR TYPICAL PIPING CONNECTIONS TO PRTV STATION.
  - 6 NEW GAS METER PROVIDED AND INSTALLED BY LOCAL GAS COMPANY. METER TO BE SIZED FOR 3,000,000 BTU CAPACITY WITH 2.5psi DISCHARGE PRESSURE. COORDINATE METER LOCATION WITH BUILDING AND BELOW GRADE UTILITY LINES.
  - 7 RISE 2" (2 1/2" HD) GAS LINE UP WALL TO JUST BELOW MAIN LEVEL FLOOR AND RUN THRU EXTERIOR WALL AS SHOWN. COORDINATE GAS PIPING WITH BUILDING SIGN AND DOORWAY.
  - 8 RUN GAS PIPING AS HIGH AS POSSIBLE THRU STORAGE ROOM. COORDINATE WITH LIGHT FIXTURES AND BUILDING STRUCTURE.
  - 9 RISE 1-1/2" GAS LINE, 1" HOT WATER LINE, 2" SOFT WATER LINE, AND 3/4" COLD WATER LINE UP IN WALL ABOVE. REFER TO SHEET P101 FOR CONTINUATION OF GAS PIPING THRU ROOF.
  - 10 PROVIDE EMERGENCY GAS SHUT-OFF VALVE ON 1" GAS LINE. RISE 1" (2 1/2" HD) GAS LINE UP THRU FLOOR UNDER KITCHEN COOKING EQUIPMENT AND CONNECT TO PRESSURE REGULATOR ON MAIN LEVEL. REFER TO LARGE SCALE PLAN DP201 FOR CONTINUATION OF PIPING.
  - 11 RUN WATER PIPING AS HIGH AS POSSIBLE IN ROOMS WITHOUT CEILING. SUPPORT FROM STRUCTURE ABOVE IN ROOMS WITH CEILING. WATER PIPING TO BE RUN IN CEILING SPACE. COORDINATE ALL WATER PIPING WITH LIGHT FIXTURES AND BUILDING STRUCTURE.
  - 12 MAIN WATER SHUT-OFF VALVE FOR KITCHEN FIXTURES ABOVE PLACE VALVE IN READILY ACCESSIBLE LOCATION AND LABEL VALVE "KITCHEN WATER SHUT-OFF VALVE".
  - 13 RUN WASTE AND VENT PIPING FROM FIXTURES ON MAIN LEVEL AS HIGH AS POSSIBLE. MAINTAIN GRADING IN PIPING AS REQUIRED BY CODE. SUPPORT FROM STRUCTURE ABOVE AND COORDINATE WITH BUILDING STRUCTURE, LIGHT FIXTURES AND OTHER PIPING.
  - 14 RUN 4" WASTE LINE(S) BELOW BASEMENT LEVEL FLOOR.
  - 15 DROP 4" MAIN WASTE LINE FROM TOILET ROOMS DOWN IN STORAGE ROOM NEAR WALL. PROVIDE CLEAN OUT AT 12" ABOVE BASEMENT LEVEL FLOOR.
  - 16 RUN 1-1/4" SOFT WATER AND 3/4" HARD COLD WATER LINES BELOW FLOOR AS SHOWN WITH 3/4" RUBBER PIPE INSULATION. REFER TO DETAIL GP201, RISE PIPING P IN WALL ABOVE WHERE SHOWN. REFER TO SHEET P101 FOR CONTINUATION OF PIPING ON MAIN LEVEL.
  - 17 12" COLD WATER LINE (PEX PIPING) BELOW FLOOR FROM FLOOR DRAIN. RISE UP THRU FLOOR AND CONNECT TO TRAP PRIMER ABOVE. REFER TO LARGE SCALE PLANS ON SHEET P201 FOR TRAP PRIMER LOCATIONS AND TO DETAILS P1P201 AND T1P201 FOR TYPICAL PIPING CONNECTIONS.
  - 18 PROVIDE SHUT-OFF VALVE FOR EXTERNAL HOSE BIBB. VALVE TO BE LOCATED IN ACCESSIBLE LOCATION AND LABELED AS HOSE BIBB SHUT-OFF VALVE.
  - 19 REFER TO DETAIL BP201 FOR TYPICAL INSTALLATION OF RECESSED HOSE BIBB WITH VACUUM BREAKER.
  - 20 PROVIDE AND INSTALL 1000 GALLON GREASE INTERCEPTOR AND CONNECT TO 4" KITCHEN WASTE LINE. INSTALL INTERCEPTOR BELOW GRADE WITH (2) 24" ACCESS PORTS. INTERCEPTOR AND ACCESS PORTS TO BE TRAFFIC RATED. REFER TO DETAIL UP301 FOR TYPICAL INSTALLATION AND PIPING CONNECTIONS.

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**BID SET**  
**3-22-2021**

PROFESSIONAL ENGINEER  
 REGISTERED  
 STATE OF IDAHO  
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 Jan 29, 2021

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**DPW PROJECT NO. 19240**  
**IDAHO STATE UNIVERSITY**  
**ALUMNI & VISITOR CENTER**  
**POCATELLO, IDAHO**

SHEET TITLE:  
**BASEMENT AND FOUNDATION PLUMBING PLAN**

CONTRACTOR SHALL VERIFY ALL DIMENSIONS & CONDITIONS SHOWN OR IMPLIED

DRAWING SCALE APPLIES TO 34" X 44" SHEET SIZE (ANSI Z39.5)

REVISION	DATE

DRAWN BY: M JENSEN  
 CHECKED BY: D SUDWECKS  
 JOB NUMBER: 96548-13B  
 PROJECT DATE: FEBRUARY 2021  
 SHEET **P100**  
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