

City Of Bend Approval Stamp:

- KEYED NOTES:
1. SCIENCE CLASSROOM EMERGENCY GSA SHUT-OFF. SEE 6/P6.01 FOR DETAIL.
2. 1/2" CW/HW DN IN WALL AND 1/2" GDN IN WALL AND UNDERSLAB TO ISLAND FIXTURE.
3. 3/4" GDN IN WALL TO CABINET SPACE.
4. 3/4" CW/HW DN IN WALL TO CABINET SPACE.
5. 3/4" CW & HW 1/2" HWR DN IN WALL TO CABINET SPACE.
6. AUTO BALANCE VALVE, SIZED FOR 0.5 GPM.
7. CONNECT (N1)-1/2" A/E TO (E).
8. CONNECT (N2)-A/E TO (E).
9. CONNECT 1-1/2" CW/HW 3/4" GDN TO (E) [EJGALVANIZED PIPING]
10. CONNECT (N1)-1/2" GDN TO (E)PRV. PIPE THREE EXISTING WALL ABOVE GRADE AND CLOSE TO MECH FLOOR ELEVATION.
11. CONNECT (E)3/4" GDN TO NEW 1-1/2" GDN.
12. SEE 2/P6.01 FOR ISLAND FIXTURE INSTALLATION DETAIL.
13. 1/2" GAS (CSST) FROM BELOW SLAB.
14. 1/2" CW TO REFRIGERATOR.
15. PROVIDE (1) GAS SHUT-OFF, ON EACH SIDE OF STUDENT SINK. SEE ARCHITECTURAL.
16. 1/2" GAS TO MANUAL SHUT-OFF VALVE. SEE 2/P6.01.

GAS PIPING CALCULATION:

LOAD:

BUNSEN BURNERS @ 1200 BTUH EACH
5 PER CLASSROOM = 6,000 BTUH PER CLASSROOM
TOTAL LOAD FROM BUNSEN BURNERS = 3 CLASSROOMS X 6,000 BTUH
= 18,000 BTUH

TOTAL BUILDING LOAD:	
EXISTING WATER HEATER :	160,000 BTUH
EXISTING UNIT HEATER:	30,000 BTUH
BUNSEN BURNERS:	18,000 BTUH
TOTAL	208,000 BTUH

TOTAL DEVELOPED PIPE LENGTH = 220 FT

PER OMSC TABLE C 402.4(1) @ ≤ 2 PSI, 0.3" W.C. P.D., MIN PIPE SIZE = 1-1/2"

1 PLUMBING FLOOR PLAN – BUILDING E

(P2 01) SCALE: 1/8"=1'-0"

**PERMIT & CONSTRUCTION
SET**

**PILOT BUTTE MIDDLE
SCHOOL - BLDGS E&F**

1501 NE Neff Road,
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BLRB architects

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Drawing Title:

PLUMBING FLOOR PLAN
- BUILDING E

Date : 02.19.2018

Drawn By :	TB
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Revised Date

Project No.	17.34B
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Stamp

Sheet No.

REGISTERED PROFESSIONAL
ENGINEER
17884
OREGON
JULY 25, 1995
SCOTT W. MILLER
EXPIRES: 31DEC18

P2.01

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