

City Of Bend Approval Stamp:

KEYED NOTES:

1. 18X18 EXHAUST UP THRU (E)PENERATION AND CONNECT TO (R)ELIEF HEAD ON ROOF.
2. BALANCE (E)GRILLE TO AIRFLOW SHOWN.
3. 16X4 RA IN WALL TO LOW RA GRILLE.
4. 12X4 RA IN WALL TO 12X6 LOW RA GRILLE @ 6" A.F.F. BALANCE GRILLE TO 150 CFM.
5. 18X12 RA IN CHASE TO 18X18 LOW RA GRILLE, 1200 CFM. INSTALL @ 6" A.F.F.
6. 18X12 RA IN CHASE TO 10X20 LOW RA GRILLE @ 6" A.F.F. BALANCE TO 500CFM.
7. SEE SHEET M2.028 FOR HW PIPING DETAIL IN MECHANICAL ROOM.
8. SEE 8/0.303 FOR DETAIL.
9. SEE 9/AM.03 FOR DETAIL.
10. LINEAR SLOOT DIFFUSER, (4)" SLOT WITH 10" INLET, PRICE SUB SERIES OR APPROVED EQUAL.
11. 2-POSITION CONTROL DAMPER TO CLOSE UPON ACTIVATION OF EXHAUST FAN IN RESPECTIVE SCIENCE CLASSROOM.
12. 18X18 EXH DUCT UP THRU ROOF TO NEW RELIEF HEAD ON ROOF. SEE 9/AM.02 FOR DETAIL.
13. PROVIDE 1" MINIMUM FOR FUTURE COOLING COIL. PROVIDE MINIMUM 30" OF STRAIGHT DUCT RUN PRIOR TO THE COIL.
14. 2-POSITION CONTROL DAMPER TO OPERATE WITH ASSOCIATED EXH FAN INSULATE DUCTWORK DOWNSTREAM OF THE DAMPER TO OUTSIDE.
15. 12" @SA
500CFM
16. 12X4 DN IN WALL TO 12X6 LOW RA GRILLE @ 6" A.F. BALANCE GRILLE TO 180 CFM.
17. HAV DAMP TO OPEN TO PROVIDE MINIMUM AIRFLOW UPON ACTIVATION OF RESPECTIVE EXHAUST FAN IN SCIENCE CLASSROOM.
18. 6" @SA
100CFM
19. CONNECT TO (E)DUCTWORK.
20. CONNECT (N)RA DUCT TO (E)EXH PLENUM.
21. EXH DUCT TO OPEN TO EXH ELBOWS, OPEN TO ATTC FOR COMBUSTION AIR.

GENERAL NOTES:

1. WHERE THE PENETRATION AT THE CORRIDOR WALL IS A THROUGH-PENETRATION, INSTALL MINIMUM OF 26 GA SHEETMETAL AND PROTECT OPENINGS PER UL1479, SEE DETAIL ON SHEET M6.03.
2. SEE M2.02B FOR T-STAT, CO2 SENSORS, AND LOCATION OF WALL SWITCHES FOR EXHAUST FANS AND CEILING FANS.

1 MECHANICAL FLOOR PLAN – BUILDING E

M2 02A SCALE: 1/8"=1'-0"

2 MECHANICAL ROOM DETAIL

M202A SCALE: 1/8"=1'-0'

PERMIT SET

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

1501 NE Neff Road,
Bend OR 97701

BLRB architects

Drawing Title:

MECHANICAL FLOOR
PLAN - BUILDING E

Date : _____

Drawn By :

Revised Date:

Project No. _____

Stamm

rest No

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M2.02A

RUBB ARCHITECTS P.S.