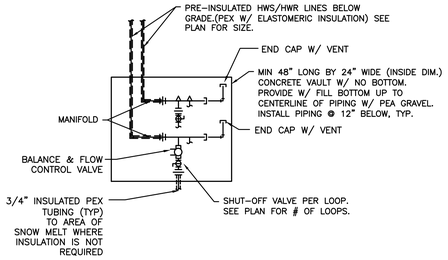
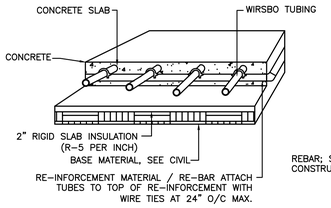
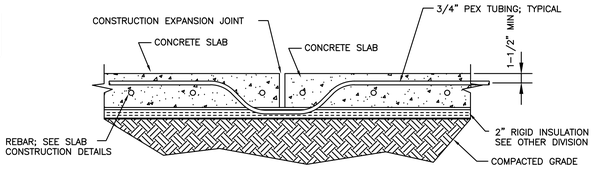


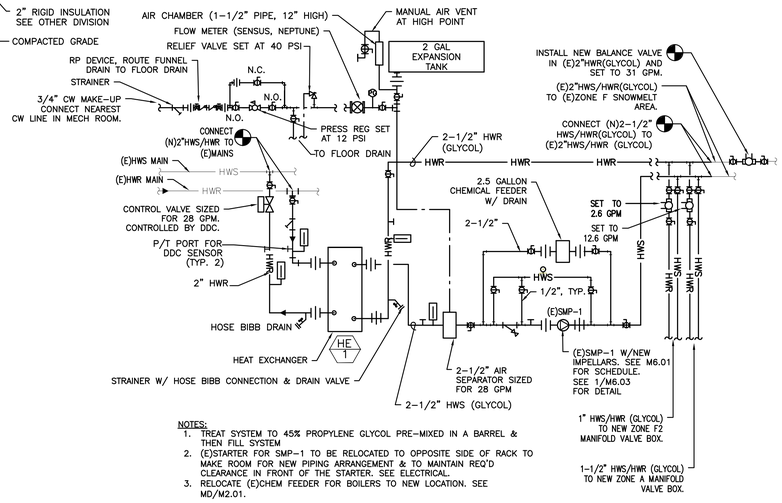
1 M6.02 SNOW MELT MANIFOLD
SCALE: DETAIL



2 M6.02 SNOW MELT UNDERSLAB PIPING DETAIL
DETAIL

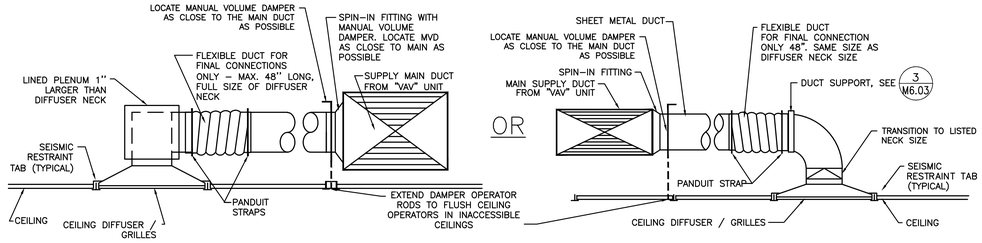


3 M6.02 SNOW MELT @ EXPANSION JOINT
SCALE: DETAIL

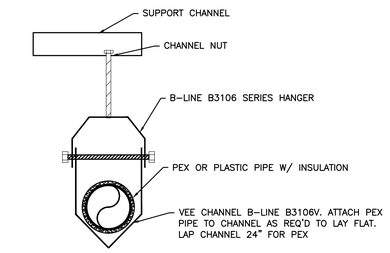


NOTES:
1. TREAT SYSTEM TO 45% PROPYLENE GLYCOL PRE-MIXED IN A BARREL & THEN FILL SYSTEM
2. (E)STARTER FOR SMP-1 TO BE RELOCATED TO OPPOSITE SIDE OF RACK TO MAKE ROOM FOR NEW PIPING ARRANGEMENT & TO MAINTAIN REQ'D CLEARANCE IN FRONT OF THE STARTER. SEE ELECTRICAL.
3. RELOCATE (E)CHEM FEEDER FOR BOILERS TO NEW LOCATION. SEE MD/M2.01.

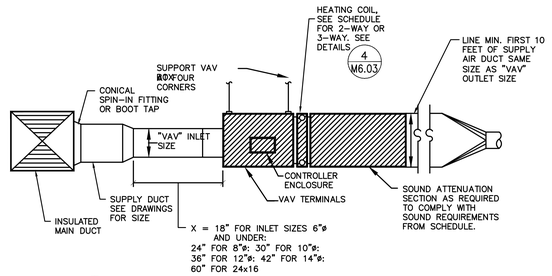
4 M6.02 HEAT EXCHANGER PIPING DIAGRAM FOR SNOWMELT SYSTEM
NTS



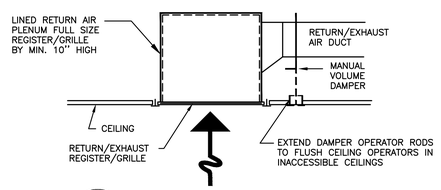
5 M6.02 SUPPLY AIR DIFFUSER/GRILLE
SCALE: DETAIL



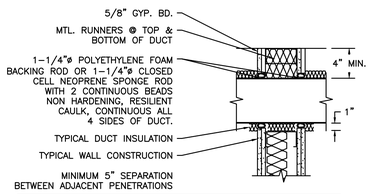
6 M6.02 PEX SUPPORT DETAIL
SCALE: DETAIL



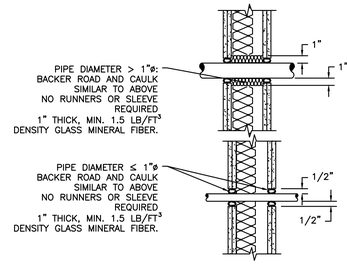
7 M6.02 TYPICAL VAV BOX DETAIL
NTS



8 M6.02 RETURN AIR DIFFUSER/GRILLE
SCALE: DETAIL



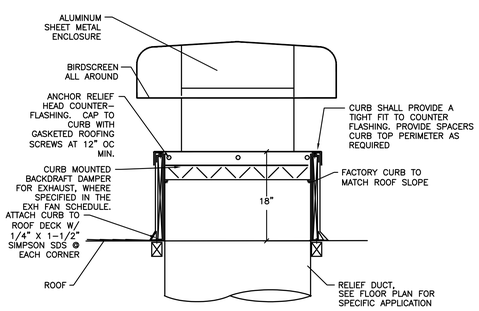
DUCT PENETRATION OF DRYWALL CONSTRUCTION



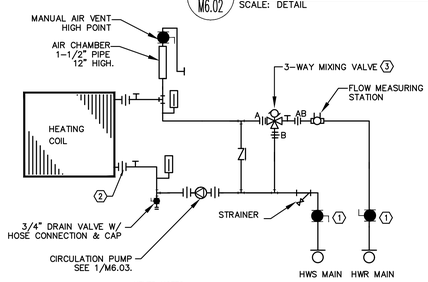
PIPE/CONDUIT PENETRATION DRYWALL CONSTRUCTION
TO BE APPLIED TO WALLS WITH STC ≥ 49

SEE ARCHITECTURAL DRAWINGS FOR ACOUSTICALLY IMPORTANT WALLS (WALL TYPES). SEAL PENETRATIONS IN THOSE WALLS PER THESE DETAILS

11 M6.02 ACCOUSTICAL DUCT PENETRATION
SCALE: DETAIL



9 M6.02 RELIEF HEAD
SCALE: DETAIL



KEYED NOTES:
1 - PROVIDE BUTTERFLY VALVES FOR PIPING 2-1/2" AND LARGER, AND BALL VALVES FOR PIPING 2" AND SMALLER.
2 - UNION OR FLANGE (TYP.) PROVIDE DIELECTRIC UNION BETWEEN DISSIMILAR PIPING MATERIAL.
3 - NORMAL POSITION TO PROVIDE FULL HEATING.

10 M6.02 PREAHEAT COIL- THREE WAY NON-FREEZE
NTS

City Of Bend Approval Stamp:

#	Date	Description
		Revision Schedule

PERMIT SET

PILOT BUTTE MIDDLE SCHOOL - BLDGS E&F
1501 NE Neff Road,
Bend OR 97701

BLRB architects

Drawing Title:
MECHANICAL DETAILS

Date :	Drawn By :
02.09.2018	INITIALS
Revised Date :	Project No.
	17.34B

Stamp

REGISTERED PROFESSIONAL ENGINEER
17889
JULY 25, 1997
SCOTT W. MILLER
EXPIRES: 31DEC18

Sheet No.
M6.02

BLRB ARCHITECTS, P.S.