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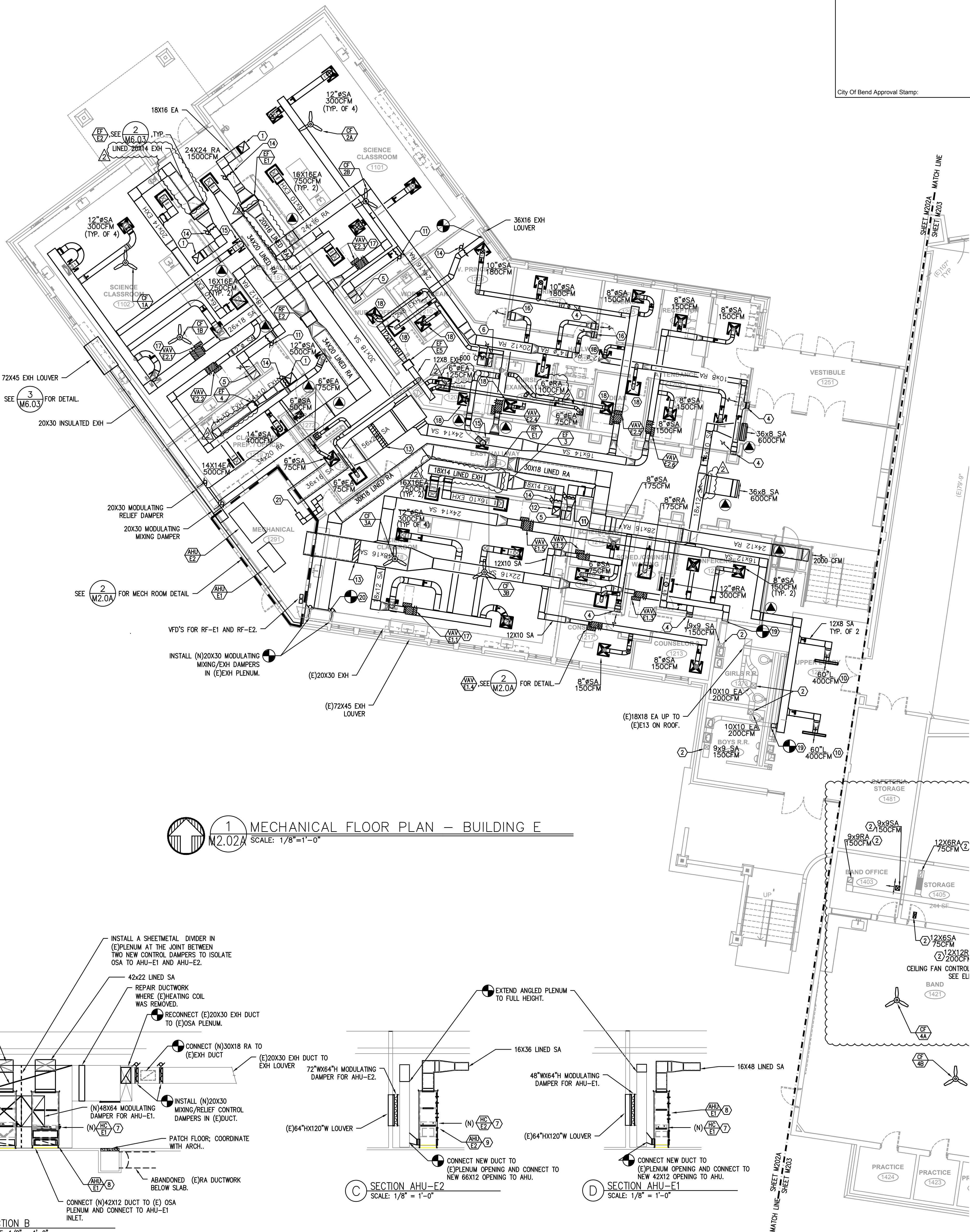
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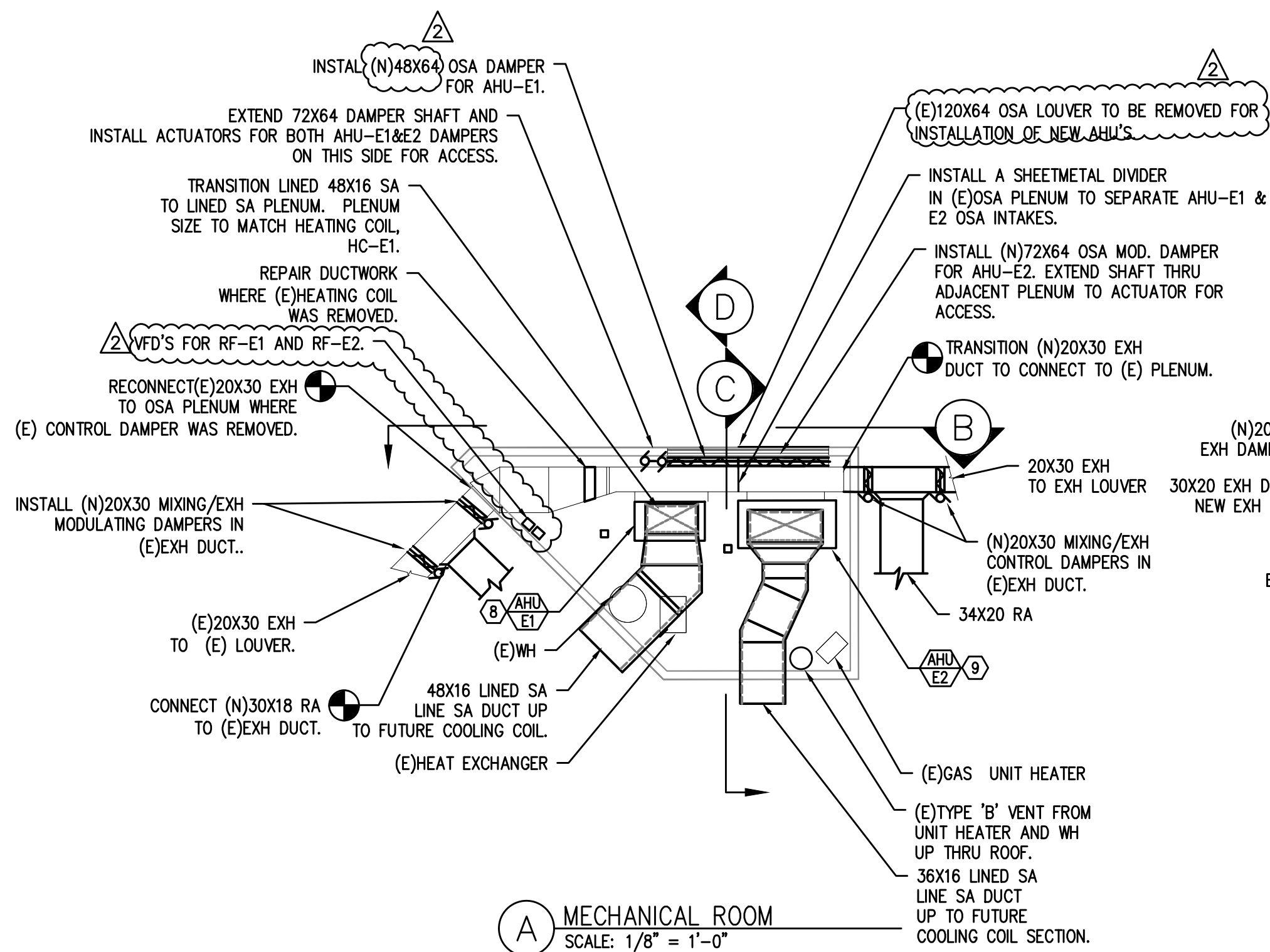
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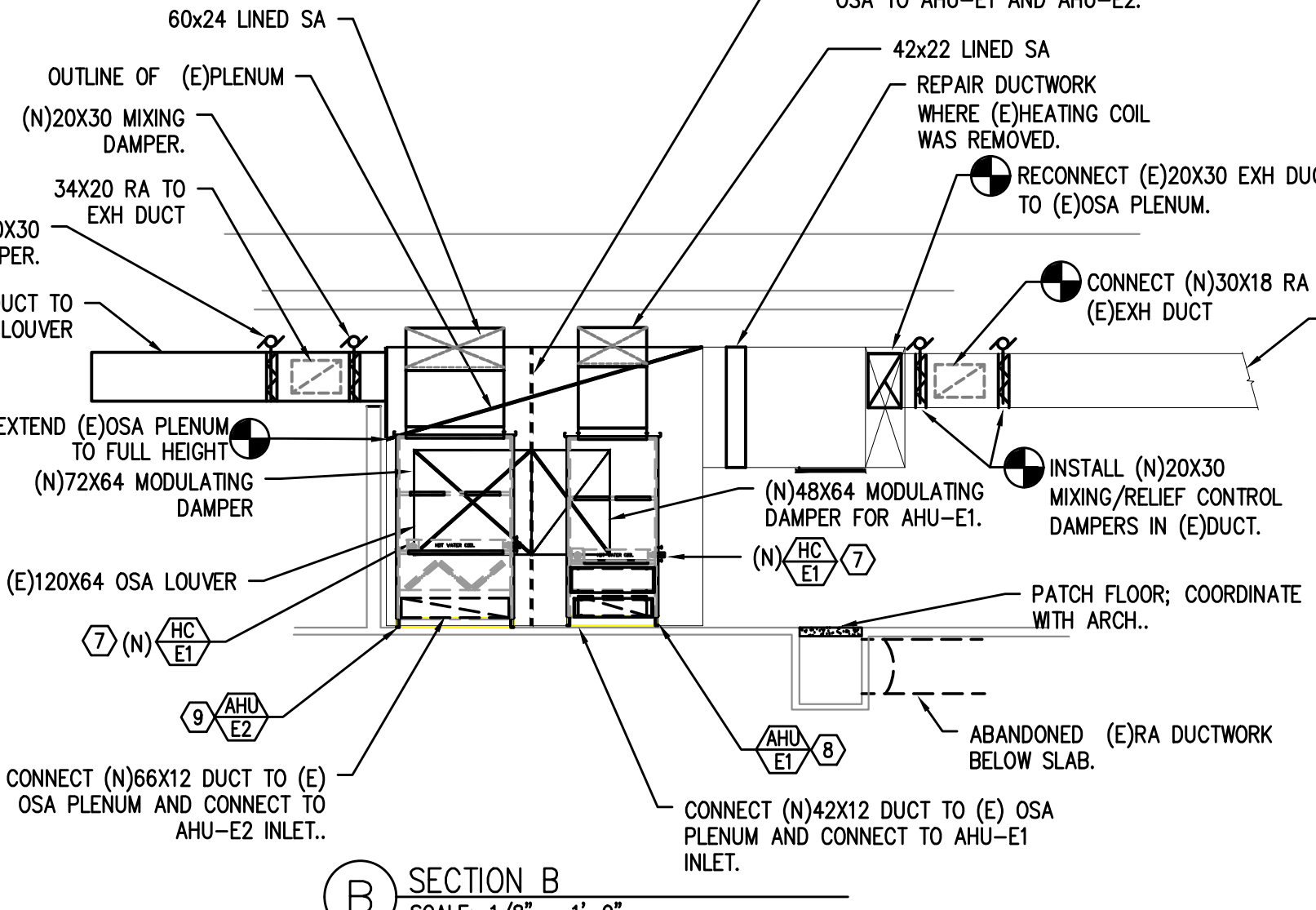
City Of Bend Approval Stamp:



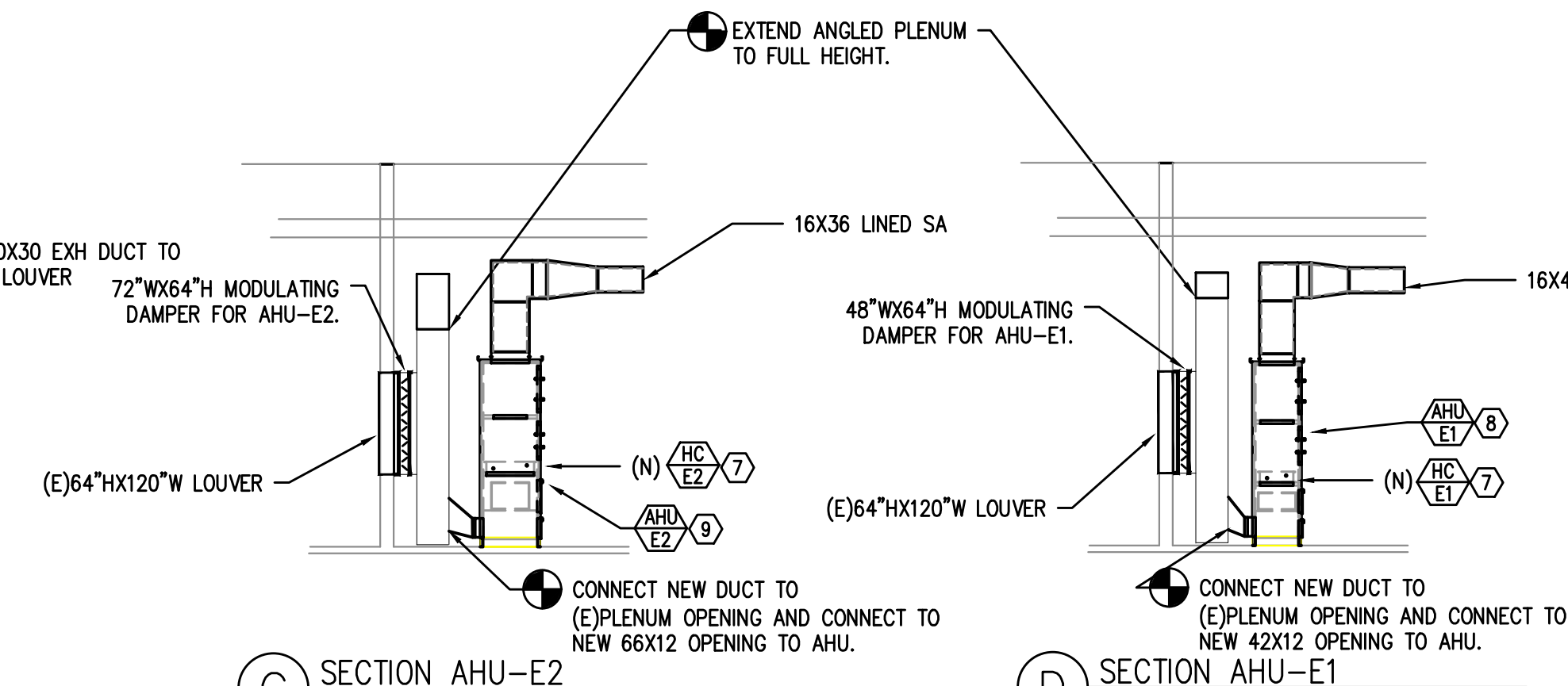
1 MECHANICAL FLOOR PLAN - BUILDING E
SCALE: 1/8"=1'-0"



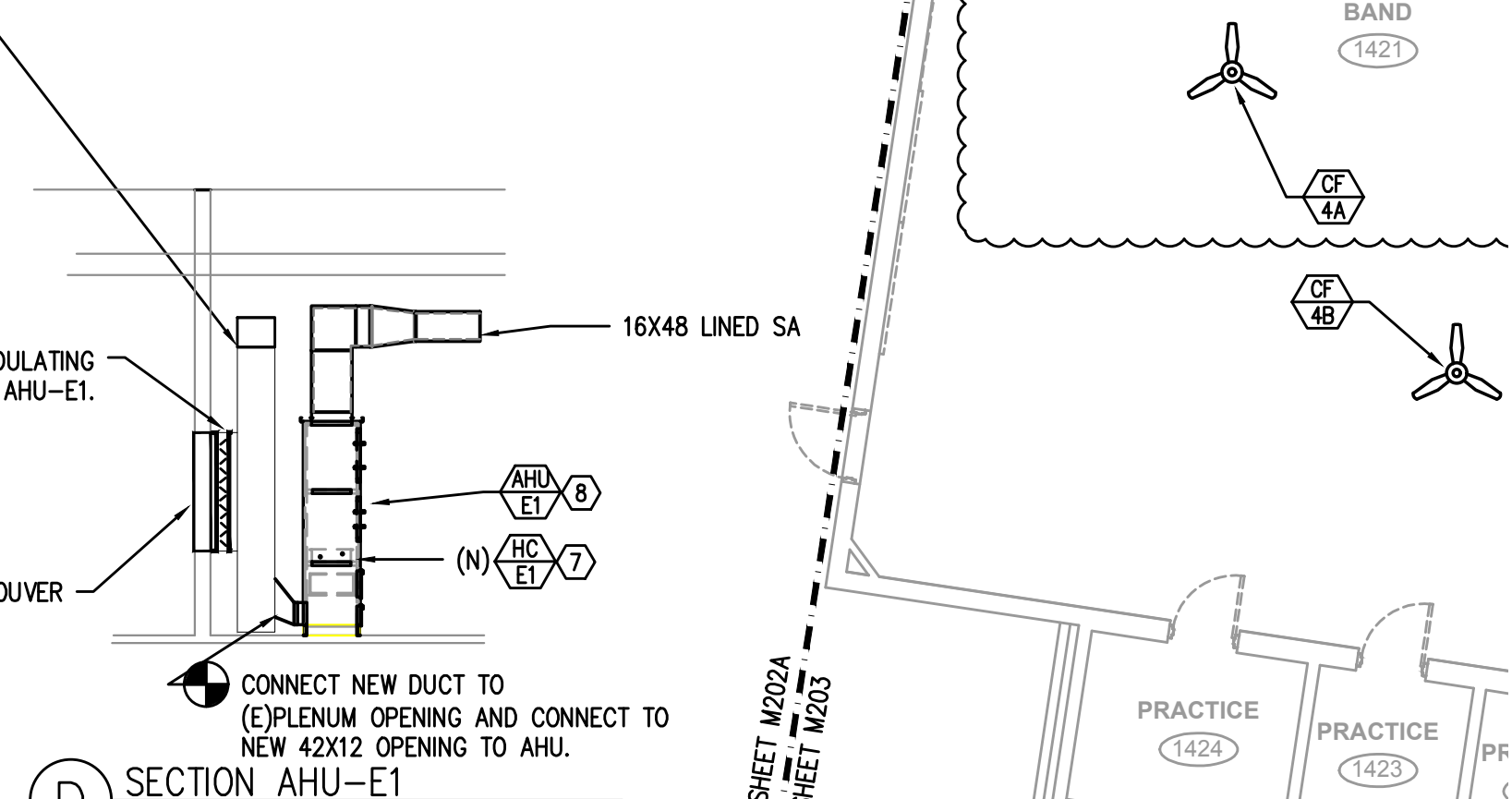
A MECHANICAL ROOM
SCALE: 1/8" = 1'-0"



B SECTION B
SCALE: 1/8" = 1'-0"



C SECTION AHU-E2
SCALE: 1/8" = 1'-0"



D SECTION AHU-E1
SCALE: 1/8" = 1'-0"

2 MECHANICAL ROOM DETAIL
SCALE: 1/8"=1'-0"

- KEYED NOTES:
1. 18X16 EXHAUST THRU (E)PENETRATION AND CONNECT TO (E)RELIEF 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 18X48 LOW RA GRILLE, 1200 CFM. INSTALL @ 6" A.F.F.
 6. 16X8 RA DN IN CHASE TO 10X20 LOW RA GRILLE @ 6" A.F.F. BALANCE TO 500CFM.
 7. SEE SHEET M2.02B FOR HW PIPING DETAIL IN MECHANICAL ROOM.
 8. SEE 8/M6.03 FOR DETAIL.
 9. SEE 8/M6.03 FOR DETAIL.
 10. LINEAR SLOT DIFFUSER (4)" SLOT WITH 10" INLET. PRICE SDB 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/M6.02 FOR DETAIL.
 13. PROVIDE SLEEVE 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 RA DN IN WALL TO 12X6 LOW RA GRILLE @ 6" A.F. BALANCE GRILLE TO 180 CFM.
 17. VAV DAMPER TO OPEN TO 100% COOLING 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. 9X9 LINED DUCT WITH MIN. 3 ELBOWS, OPEN TO ATTIC 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.

#	Date	Description
3	3/15/18	PLAN REVIEW COMMENTS
2	3/13/18	ADDENDUM 1
1	2/19/18	DISTRICT REVIEW COMMENTS
#	Date	Description
Revision Schedule		

PERMIT & CONSTRUCTION SET

PILOT BUTTE MIDDLE SCHOOL - BLDGS E&F

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Bend OR 97701

BLRB architects

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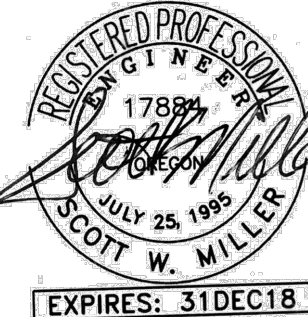
Drawing Title:

MECHANICAL FLOOR PLAN - BUILDING E

Date : 02.19.2018 Drawn By : TB

Revised Date : Project No. 17.34B

Stamp Sheet No.



M2.02A

BLRB ARCHITECTS, P.S.