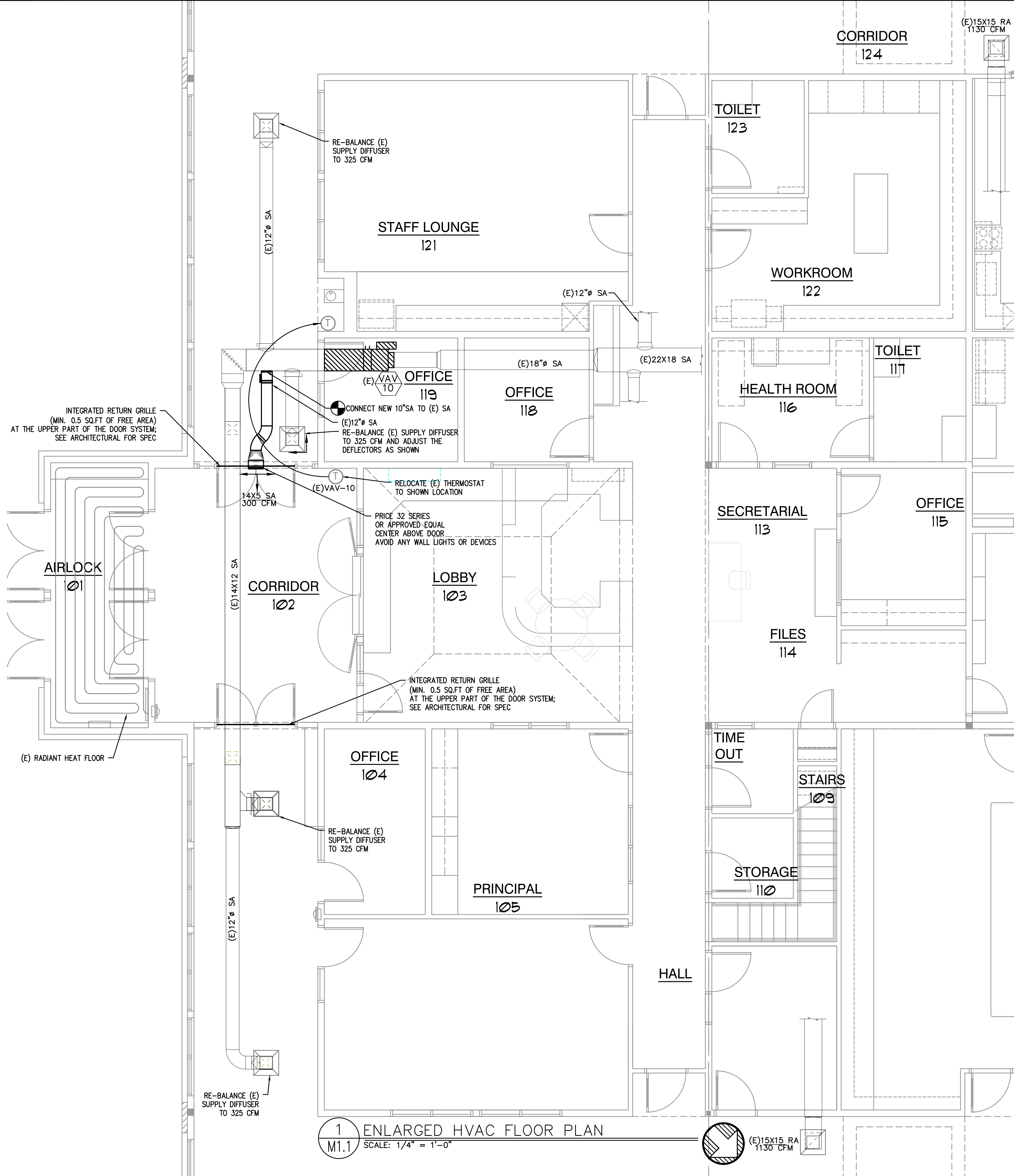


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Bend-La Pine Schools Security Upgrades  
W.E. Miller Elementary School  
300 NW Crosby Drive  
Bend, Oregon 97703  
1160 SW Simpson Ave. - Suite 100 - Bend, Oregon 97702  
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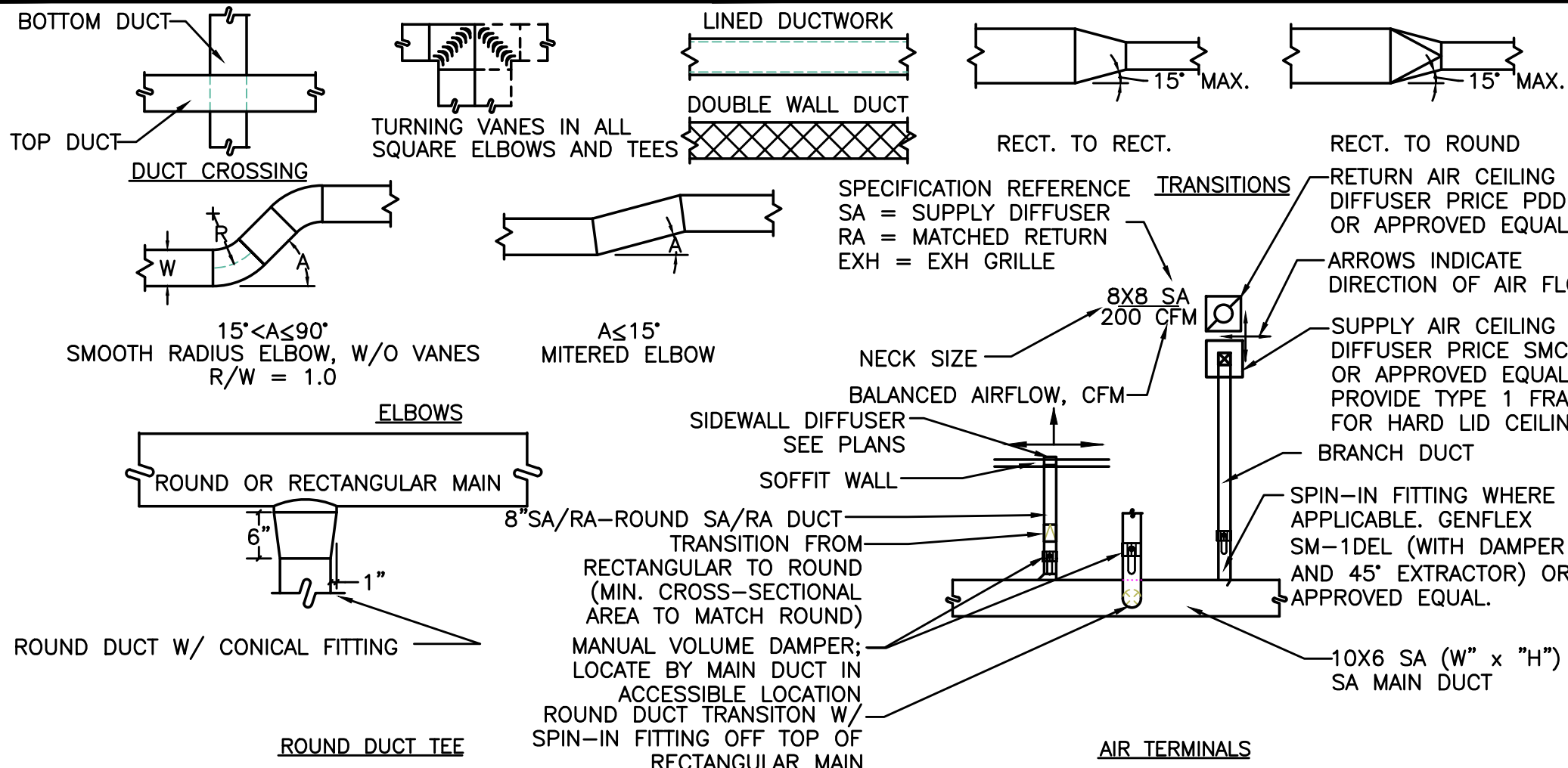
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## MECHANICAL LEGEND

	SUPPLY AIR DIFFUSER	AFF	ABOVE FINISH FLOOR
	RETURN AIR DIFFUSER	AHU	AIR HANDLING UNIT
	EXHAUST AIR DIFFUSER	BOG	BOTTOM OF GRILLE
	DIRECTIONAL AIR FLOW	BTU	BRITISH THERMAL UNITS
	MANUAL VOLUME DAMPER	CFM	CUBIC FEET PER MINUTE
	SUPPLY AIR DUCT UP & DOWN	CONN.	CONNECTION
	RETURN AIR DUCT UP & DOWN	CONT.	CONTINUATION
	EXHAUST OR OUTSIDE AIR DUCT UP & DOWN	EXH	EXHAUST AIR
	VAV TERMINAL UNIT W/ REHEAT COIL	FPM	FEET PER MINUTE
	CONNECT TO EXISTING	FPS	FEET PER SECOND
	TEMPERATURE SENSOR	FT.	FEET / FOOT
	NOTE	GA.	GAUGE
	EQUIPMENT DESIGNATOR	IN.	INCHES
	FIRE DAMPER	L	LENGTH
	FIRE / SMOKE DAMPER	LBS.	POUNDS
	SMOKE DAMPER	MAX.	MAXIMUM
	CAP EXISTING DUCT	MBH	THOUSANDS OF BTUs PER HOUR
		MD	MOTORIZED DAMPER
		MIN.	MINIMUM
		MVD	MANUAL VOLUME DAMPER
		OA	OUTSIDE AIR
		PSI	POUNDS PER SQUARE INCH
		R.A.	RETURN AIR
		REQ'D	REQUIRED
		S.A.	SUPPLY AIR
		TEMP.	TEMPERATURE
		TYP.	TYPICAL
		VAV	VARIABLE AIR VOLUME
		W	WIDTH
		WB	WET BULB
		Ø	DIAMETER
			DEMOLISH, (R) RELOCATE
			(E) EXISTING
			NEW WORK
			(HWS) HEATING WATER SUPPLY
			(HWR) HEATING WATER RETURN
			(HWRR) HEATING WATER REVERSE RETURN

## AIR DISTRIBUTION DETAILS



### GENERAL NOTES:

- SEE ARCHITECTURAL CONSTRUCTION DOCUMENTS FOR AREA OF WORK.
- PROVIDE SPRINKLER HEADS AS REQUIRED IN LOBBY AND CORRIDOR; RELOCATE EXISTING SPRINKLER HEADS IN CORRIDOR AS REQUIRED;
- CONTRACTOR TO KEEP RECORD OF NEW SYSTEM INSTALLED AS WELL AS EXISTING TO REMAIN, AND ITEMS DISCOVERED OR ENCOUNTERED ON SITE THAT WERE NOT SHOWN ON THE PLANS. THESE INCLUDE SYSTEMS, DUCTWORK, PIPE, ETC THAT DO NOT AFFECT OR ARE NOT PART OF THE PROJECT SCOPE, BUT ARE WITHIN THE BOUNDARIES OF THE PROJECT SCOPE. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS THAT ACCURATELY REFLECT THE CONDITIONS WITHIN THE BOUNDARY OF THE PROJECT SCOPE AT THE END OF THE PROJECT.
- COORDINATE CEILING DIFFUSER LOCATION WITH ELECTRICAL, LOW VOLTAGE AND FIRE PROTECTION DISCIPLINES.
- ALL SHOWN EXISTING DUCTWORK, DIFFUSERS, EQUIPMENT AND CAPACITIES ARE GATHERED FROM VARIOUS AS BUILTS AND SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY SIZE AND LOCATION PRIOR TO COMMENCING WORK.

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**Bend-La Pine Schools SECURITY UPGRADES**  
**W.E. Miller Elementary School**  
300 NW Crosby Drive  
Bend, Oregon 97703

ISSUED:	DATE:
PERMIT SET / BID SET	02/14/18
CONFORMANCE SET	03/28/18
APR-05	05/15/18
APR-11	06/08/18
AS-BUILT	09/04/18

JOB NUMBER:	1708
DRAWN BY:	EVK
CHECKED BY:	JVB

SHEET TITLE  
ENLARGED  
HVAC  
FLOOR PLAN

SHEET NUMBER  
**M1.1**