
























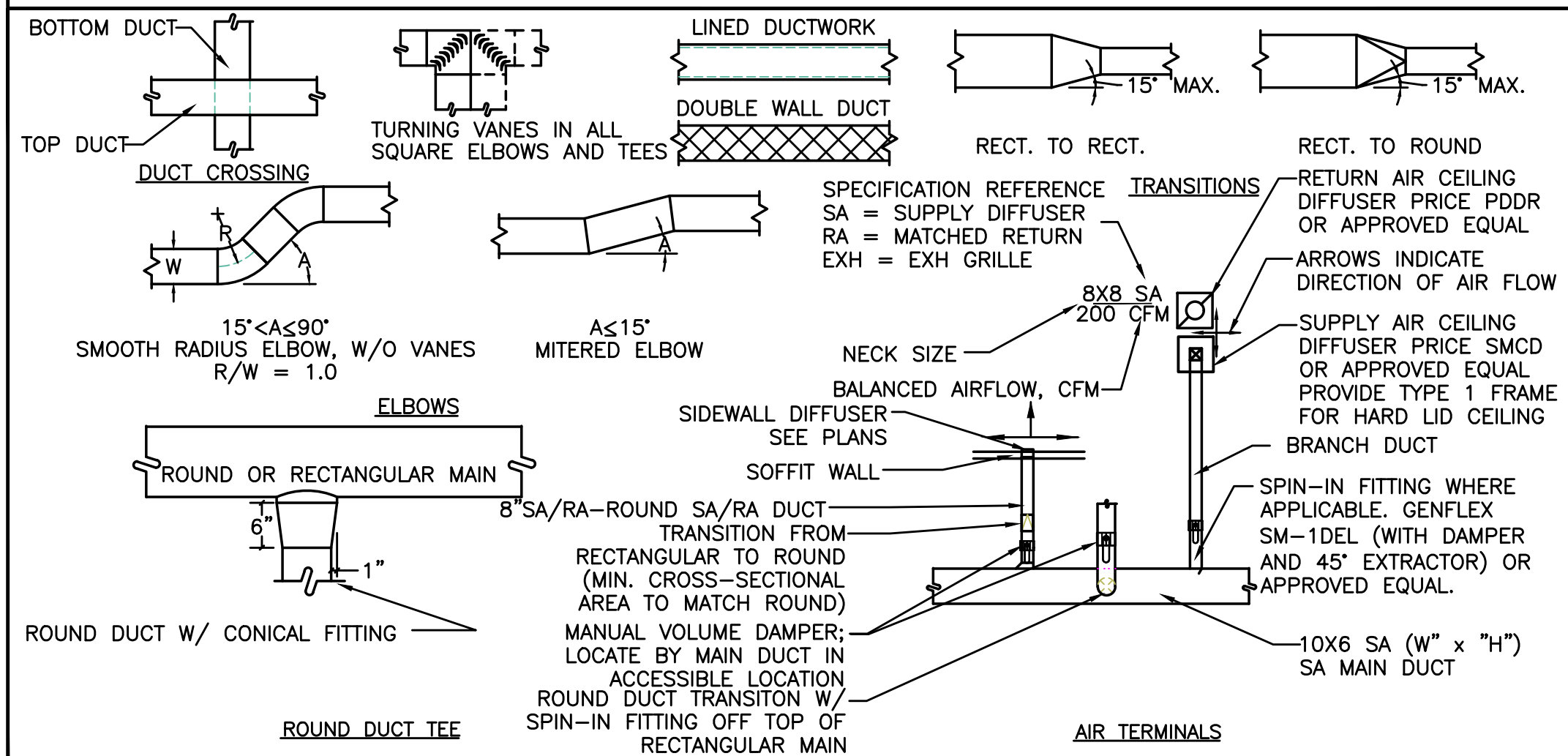


MECHANICAL LEGEND

	..... 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
	..... SUPPLY AIR DUCT UP & DOWN	FPM	..... FEET PER MINUTE
	..... RETURN AIR DUCT UP & DOWN	FPS	..... FEET PER SECOND
	..... EXHAUST OR OUTSIDE AIR DUCT UP & DOWN	FT.	..... FEET / FOOT
	..... SUPPLY AIR DUCT UP & DOWN	GA.	..... GAUGE
	..... RETURN AIR DUCT UP & DOWN	IN.	..... INCHES
	..... EXHAUST OR OUTSIDE AIR DUCT UP & DOWN	L	..... LENGTH
	..... SUPPLY AIR DUCT UP & DOWN	LBS.	..... POUNDS
	..... RETURN AIR DUCT UP & DOWN	MAX.	..... MAXIMUM
	..... EXHAUST OR OUTSIDE AIR DUCT UP & DOWN	MWH	..... THOUSANDS OF BTUs PER HOUR
	..... SUPPLY AIR DUCT UP & DOWN	MD	..... MOTORIZED DAMPER
	..... RETURN AIR DUCT UP & DOWN	MIN.	..... MINIMUM
	..... EXHAUST OR OUTSIDE AIR DUCT UP & DOWN	MVD	..... MANUAL VOLUME DAMPER
	..... SUPPLY AIR DUCT UP & DOWN	OA	..... OUTSIDE AIR
	..... RETURN AIR DUCT UP & DOWN	PSI	..... POUNDS PER SQUARE INCH
	..... EXHAUST OR OUTSIDE AIR DUCT UP & DOWN	R.A.	..... RETURN AIR
	..... SUPPLY AIR DUCT UP & DOWN	REQ'D	..... REQUIRED
	..... RETURN AIR DUCT UP & DOWN	S.A.	..... SUPPLY AIR
	..... EXHAUST OR OUTSIDE AIR DUCT UP & DOWN	TEMP.	..... TEMPERATURE
	..... SUPPLY AIR DUCT UP & DOWN	TYP.	..... TYPICAL
	..... RETURN AIR DUCT UP & DOWN	VAV	..... VARIABLE AIR VOLUME
	..... EXHAUST OR OUTSIDE AIR DUCT UP & DOWN	W	..... WIDTH
	..... SUPPLY AIR DUCT UP & DOWN	WB	..... WET BULB
	..... RETURN AIR DUCT UP & DOWN	Ø	..... DIAMETER
	..... TEMPERATURE SENSOR		
	..... NOTE		
	..... EQUIPMENT DESIGNATOR		
	..... FIRE DAMPER		
	..... FIRE / SMOKE DAMPER		
	..... SMOKE DAMPER		
	..... CAP EXISTING DUCT		
		-----	DEMOLISH, (R) RELOCATE
		-----	(E) EXISTING
		-----	NEW WORK
		-----	(HWS) HEATING WATER SUPPLY
		-----	(HWR) HEATING WATER RETURN
		-----	(HWRR) HEATING WATER REVERSE RETURN

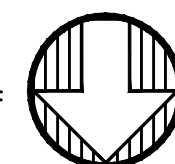
AIR DISTRIBUTION DETAILS



GENERAL NOTES:

1. SEE ARCHITECTURAL CONSTRUCTION DOCUMENTS FOR AREA OF WORK.
2. PROVIDE SPRINKLER HEADS AS REQUIRED IN LOBBY AND CORRIDOR; RELOCATE EXISTING SPRINKLER HEADS IN CORRIDOR AS REQUIRED;
3. 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.
4. COORDINATE CEILING DIFFUSER LOCATION WITH ELECTRICAL, LOW VOLTAGE AND FIRE PROTECTION DISCIPLINES.
5. 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.

1 ENLARGED HVAC FLOOR PLAN
M1.1 SCALE: 1/4" = 1'-0"



B B T

A R C H I T E C T S

1160 sw Simpson Ave. - Suite 100 - Bend, Oregon 97702
t 541.382.5535 | f 541.389.8033

Bend-La Pine Schools SECURITY UPGRADES
Pine Ridge Elementary School
19840 Hollygrape Street
Bend, Oregon 97702

ISSUED:	DATE:
PERMIT SET / BID SET	02/14/18
CONFORMANCE SET	03/28/18
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