

				ELEC	CTRIC E	онw ні				TE		ATER		
	TAG	SERVES	MANUFACTUER		VOLTS		INPUT (KW)		NO. O ELEMEN	NTS (DE	ISE STO G-F) (ORAGE GAL)	HEIGHT) (INCHE
	WH-1			DVE 120-12	208	3	6.0	16.7	3.0		90	119	62 1/4"	29 1/2
		ATER TO HAVE DRAIN P	AN FIT TO ROOM											
								EFFEC		NOZZ	IE			E
	TAG	MANUFACTURER-MODEL	. TYI	PE	DRIVE	CFM	SP (IN. WC.)	PLUME H (10 MPH	IEIGHT	VELOC (FPM		AX PM MA BH		R MOTO SPEEL
	EF-2 G	REENHECK VEKTOR H-10 REENHECK VEKTOR H-10	-7 HI PLUME LA	B EXHAUST	BELT BELT	710 885	3/4" 3/4"	14.9 I 15.1 I	FT.	3,35 3,11	1 2,4	323 0.4 124 0.5	8 3/4	1,760
	<u>NOTES:</u> 1. FAN SHALI	REENHECK VEKTOR H-10	UM" DRIVE LOSS	at an executive same	BELT	885	3/4"	15.11	with addition of	3,11		124 0.5		1,760
	2. FAN SELE	CTION IS SIZED FOR RED	UCED NOISE LEVE	ELS (FAN AV)	AILABLE M	IEETING F	PERFURIN	IANCE AT 6	00 GRY -	NUTALI	JEPABLE). MAXII	JMUM SU	UND PUVV
				R	EGISTI			ES - DIF	FUSE	1970	GD) SC MAX TO	TAL		
	TAG PRIC	EL	TYPE			A Strategy and a stra	IECK SIZE	FACE SIZE	CFM R	ANGE	P.D (IN.W.	C.)	AX NC .EVEL	BORDER
	S-1 SCE S-2 FRFE E-1 630	DA HI-VOLUME	EILING SUPPLY	RADIAL AIR	DIFF.	8	" DIA	24" X 24" 24" X 24" 22" X 10"	200	-275 -300 -550	0.07 0.10 0.03		19 23 27	LAY- LAY- LAY-
										PL	UMBI	NG F	IXTU	RE &
	TAG	=					FURM	ISHED I	BY		MANU	FACT	URFP	CFM
	1953-19780-3-0952511		andon de lester - manufi - manifi			and the second second		1999-1999 (1999) (1979) (1979) (1979) (1979) (1979) (1979) (1979) (1979) (1979) (1979) (1979) (1979) (1979) (19	203 - VA					
	P-1 P-2 P-3	CLASSROOM LA PREP ROOM LAE LAB CUP SINK				SINK E SINK E SINK E	DIV 117		ET DIV	/ 22	SEE S SEE S SEE S	PEC 2	24000	
	FH-1 FH-2	5'-0" FUME HOO[4'-0" FUME HOO[)			I X L	D D	NV 11 NV 11	UN		SEE S SEE S	PEC 1 PEC 1	15313 15313	295 250
	VP-1	AIR COMPRESSO VACUUM PUMP					D	IV 22 IV 22				GAST GAST	ł.	5
	A V G	COMP AIR TURR VAC TURRET NAT GAS TURRE					C	IV 22 IV 22 IV 22			SEE S SEE S SEE S	PEC 2	24000	1
	SS-1 DH-1	SAFETY STATIO DRENCH HOSE		SHOWER	2		D D	IV 22 IV 22			SEE S	PEC 2	24000 24000	
	DW	FLOOR DRAIN DISHWASHER RO UNIT					0	NV 22 WNER WNER						
	<u>NOTES:</u>	1. INTEGRAL CUI	P SINK AND (GAS, AIR	AND V/	ACUUN								
		2.WITH TRAP PR			er passing decorption are de			deducing of the second						
\pm	F6	MECHAN	ICAL SCHE	JULES										
								/\	<u> </u>	DZZLE				
							/		INC					
							ſ		_− ST	ACKABL	LE SECTI	ONS		
				MO	TOR COV	ER			_ AC	CESS P	PANEL			
					DE CLOS	ED –			- ISI		N BACK-E	DRAFT D	AMPER	
					GASKET								H ROOF	
				4'-0" M DUCT	IN STRAI	GHT —				Í F	RECOMN SEE ARC	IENDATI HITECT		AWINGS
				-									_	
					<u></u>					, ,	EXTEND	DUCT V	ERTICALI	
				(ý .	12"DIA	[[ZE SHAL	L MATCH	
					<u>NOTE</u> 1. SEI		H11 ^\"	D J11 FOR	STRUC	TURAL	ט טססן ו	TS		
						E DETAIL EXHAUST		FOR	JIKUC	IUKAL S	JUPPOR	10		

DETAIL - HOOD EXHAUST FAN

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S)	NOTES
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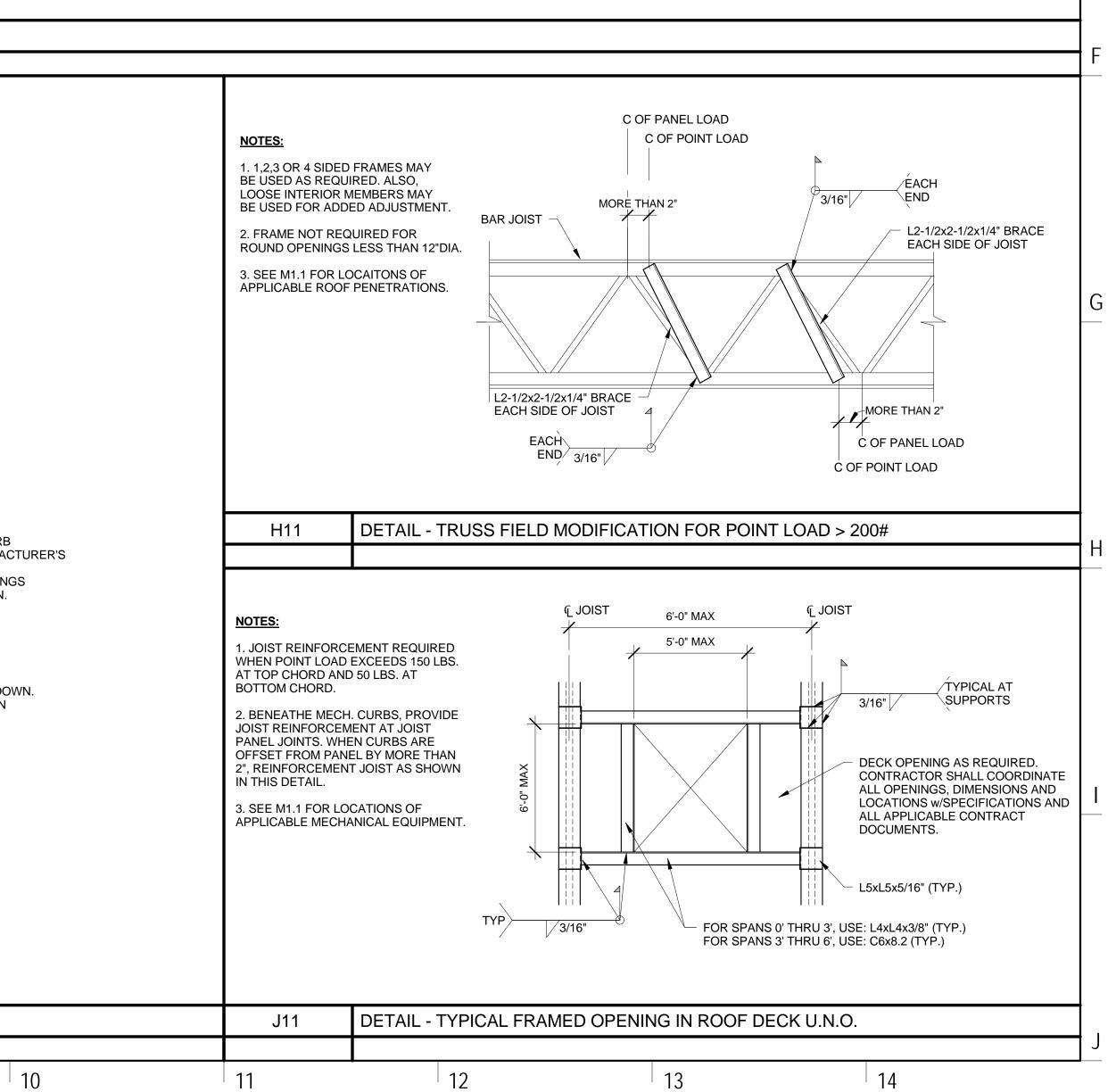
ELE	ECTRICAL							
R D	STARTER FURN BY	DISC. SWITCH FURN BY	VOLTS/ PH	WEIGHT (LBS.)	DAMPER	SOUND POWER		
С	DIV 26	FAN. MFR.	208/3/60	370	GRAVITY	65 dBA, 76 LwA		
C	DIV 26	FAN, MFR.	208/3/60	370	GRAVITY	66 dBA, 78 LwA		
C	DIV 26	FAN, MFR.	208/3/60	370	GRAVITY	66 dBA, 78 LwA		

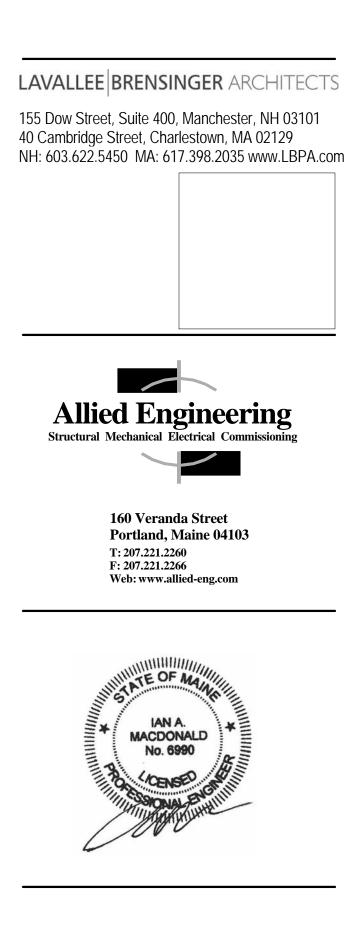
OWER AS INDICATED.

DER TYPE	BLOW
AY-IN	4-WAY, ADJUSTABLE
AY-IN	SEE NOTE ON PLANS, ADJUSTABLE
AY-IN	

ENERAL	ITEM	MUA-1
	MFR	TRANE
	MODEL	HORIZON
		OA-2GD-144
	MIN EER	11.0
LECTRICAL	VOLTS-PH-HZ	208/3/60
		60.9/ 80A
	DISCONNECT SW. FURN BY	RTU MFR
	SUPPLY SMOKE DETECTOR FURN BY	RTU MFR
	SD WIRED TO FIRE ALARM BY	DIV 26
ILTER SECTION	SUPPLY FILTERS	MERV-8 & ALUMINUM
	EXHAUST FILTERS	MERV 8
UPPLY FAN	TYPE	DIRECT DRIVE W/ VFC
	FULL SA FLOW, 100%OA CFM	2,235
	MIN. SA FLOW, 100% OA	1,595
	NIGHT SETBACK SA FLOW, 0% OA CFM	2,235
	ESP, in.wc.	1.0"
	MOTOR HP	1.36
AMPERS	TYPE	RA / OA MODULATING
AS HEAT EXCHANGER	10 seetile date	STAINLESS STEEL
	EAT, deg-F.	87 / 74
	LAT, deg-F. (MAX. TEMP.)	55.5 / 54.6
	MBTUH (OUTPUT) MAX.	240
	MBTUH (INPUT) MAX.	300
	EXCHANGER	INDIRECT FIRED
	GAS TYPE	NATURAL
	HEATING TURNDOWN	20 TO 1 MODULATING
	MIN GAS INLET PRESSURE	7" WC
	MAX GAS INLET PRESSURE	14" WC
X COOLING COIL	OUTSIDE AIR TEMP, °F	95
	ENT. AIR DB/WB	87 / 74
	LVG. AIR DB/WB	55.5 / 54.6
	ТМВТИН	146.2
	SMBTUH	77.9
	H.G. REHEAT, LAT, DB°F/WB°F	76.7 / 62.6
ONDENSING SECTION		DIGITAL SCROLL
	COMP QTY (EA.)	2
VERALL DIMENSIONS	LENGTH	160"
	WIDTH	74"
	HEIGHT	67"
	CURBHEIGHT	24"
	OVERALL HEIGHT	91"
	OPERATING WEIGHT (LBS)	2,800
		2,000

100	S.P. (IN.	DUCT			NOTES							
55	W.C.)	CONN	CW W/STOP	HW W/STOP	тw	NAT GAS W/STOP	COMP AIR	VAC	INDIRECT WASTE	VENT	WASTE	NOTES
1			3/8"	3/8"				2 2		1-1/2"	1-1/2"	
1			3/8"	3/8"				5	8	1-1/2"	1-1/2"	
1			1/2"							1-1/2"	1-1/2"	
	0.07"	8"	1/2"			1/2"	1/2"	1/2"		1-1/2"	1-1/2"	NOTE 1
	0.07"	8"	1/2"			1/2"	1/2"	1/2"		1-1/2"	1-1/2"	NOTE 1
				~							-	50 PSIG
			12	4				0	0		21 B	19" Hg
	2		1.: .)				1/2"	2				1/2" CA BRANCH PIPE
1								1/2"				1/2" VAC BRANCH PIPE
						1/2"						1/2" NG BRANCH PIPE
			1"	1"	1-1/4"							TMV-2
			1/2"	1/2"	1/2"						e -	TMV-3
			1/2"	4	,			0	0	1-1/2"	th th	NOTE 2
				1/2"					1-1/2"			AIR GAP CONNECTION
			1/2"						1/2"			SEE DETAIL C1/P5.0





Owner

PAYSON-SMITH HALL CHEMISTRY LAB RENOVATION

96 Falmouth Street, Portland ME 04101

NO.	DESCRIPTION	DATE
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CONTENT:
MECHANICAL DETAILS AND SCHEDULES
DRAWN BY: Author
PROJECT NO: 14-075-00
DATE: 01/09/2015
REVISED:
SCALE: AS NOTED
M5.0
Project Phase
BID DOCUMENTS
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