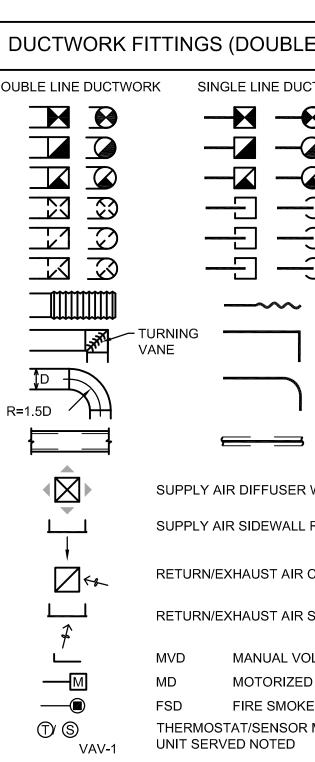
	<u>AC Table 403.3.3.1.1</u>								
System	Application	Cond. Area (SF)	Default Occ. Density # per 1000 SF	Occ. Load	Actual No.of Occ.or No. of Fixtures	CFM per Occ. or Fixture	People or Fixture Outdoor Airflow (CFM)	Area Outdoor Airflow (CFM/SF)	Area Outdo Airflo (CFM
RTU-2	Auditorium/Gym	2200	100	220	220	10	2200	0.12	264
	Mechanical/Storage	1242	0	0	0	0	0	0.06 TC	TAL RE
RTU-3	Classroom (K-8)	2500	35	88	44	10	437.5	0.12	300
								TC	DTAL RI
RTU-4	Classroom (K-8)	3250	35	114	57	5	284	0.12	390
									DTAL RI
RTU-5	Classroom (K-8)	3124	35	109	55	5	273	0.12	375
								TC	DTAL R
RTU-6	Classroom (K-8)	920	35	32	16	5	81	0.12 TC	11(
RTU-7	Classroom (K—8)	3070	35	107	54	5	268.625	0.12 TC	J 368 DTAL R
RTU-8	Classroom (K-8)	3000	35	105	53	5	262.5	0.12 TC	
RTU-9	Classroom (K-8)	915	35	32	16	5	80	0.12	11(
									DTAL RI
RTU-10	Classroom (K-8)	3150	35	110	55	5	276	0.12	378

GAS CONNECTION SCHED	ULE
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ГАG	EQUIPMENT	LOCATION	MBH	PIPE				
RTU-2	ROOFTOP AIR HANDLER	BUILDING C ROOF	350	3/4"				
RTU-3	ROOFTOP AIR HANDLER	BUILDING D ROOF	110	3/4"				
RTU-4	ROOFTOP AIR HANDLER	BUILDING E ROOF	180	3/4"				
RTU-5	ROOFTOP AIR HANDLER	BUILDING F ROOF	180	3/4"				
RTU-6	ROOFTOP AIR HANDLER	BUILDING G ROOF - NORTH	67	3/4"				
RTU-7	ROOFTOP AIR HANDLER	BUILDING G ROOF - SOUTH	180	3/4"				
RTU-8	ROOFTOP AIR HANDLER	BUILDING H ROOF - NORTH	180	3/4"				
RTU-9	ROOFTOP AIR HANDLER	BUILDING H ROOF - SOUTH	67	3/4"				
RTU-10	ROOFTOP AIR HANDLER	BUILDING B ROOF	240	3/4"				
		TOTAL	1,554	1-1/2"				
	PIPE SIZE	MBH						
	1/2"	192						
	3/4"	381						
	1"	681						
	1-1/4"	1,400						
	1-1/2"	2,090						
	2"	4,030						

DEVELOPED LENGTH.

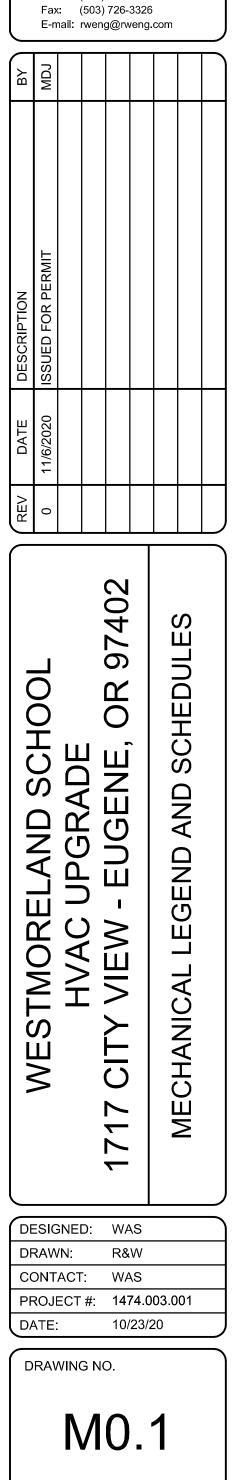


			MECHANICAL LEGE						 ND			OED PROF	
			VORK FITTIN	GS (DOUBLE/				ABE	BREVIATIONS		- Contraction	178,630	
			E DUCTWORK	SINGLE LINE DUCTY	WORK SUPPLY AIF RETURN/EX OUTSIDE AI SUPPLY AIF RETURN/EX OUTSIDE AI FLEXIBLE D SQUARE EL ACOUSTICA SHOWN ARF ACOUSTICA SHOWN ARF SHOWN ARF ACOUSTICA SHOWN ARF ACOUSTICA SHOWN ARF ACOUSTICA SHOWN ARF ACOUSTICA SHOWN ARF ACOUSTICA SHOWN ARF ACOUSTICA SHOWN ARF ACOUSTICA SHOWN ARF	R ELBOW UP HAUST AIR ELBOW R ELBOW DOWN HAUST AIR ELBOW R ELBOW DOWN UCT BOW ALLY LINED DUCT (SI E NET INSIDE) TION	UP AFF BDI BTL CFN (E) ESF EXH GPN HP MA MBH MFF (N) OSA PSI RA SA	ABOVE FIN BACKDRAF BRITISH TH CUBIC FEE EXISTING EXTERNAL EXTERNAL CUBIC FEE EXISTING EXTERNAL CUBIC FEE EXISTING EXTERNAL MALLONS F HORSEPOV MAKE-UP A HORSEPOV MAKE-UP A MANUFACT NEW OUTSIDE A POUNDS PE RETURN AII SUPPLY AIF RETURN AII SUPPLY AIF RETURN AII SUPPLY AIF	ISHED FLOOR T DAMPER ERMAL UNIT T PER MINUTE STATIC PRESSURE IR PER MINUTE VER IR ER HOUR URER IR ER SQUARE INCH R R EFERENCE CT TO EXISTING AT LOCATION, SIZE, AN NOTE IENT MARK NUMBER HEDULES ON ER/REGISTER MARK	THIS POINT. ID CONDITION.	202 202	CRECON ARE D. JON APPRES 6/30/ D.11.06 14:17:1 CONTRES 6/30/ D.11.06 14:17:1 CONTRES 6/30/ D.11.06 14:17:1 CONTRES 6/30/ D.11.06 14:17:1 CONTRES 6/30/ D.11.06 14:17:1 CONTRES 6/30/ D.11.06 14:17:1 CONTRES 6/30/ CONTRES 6/30/ D.11.06 14:17:1 CONTRES 6/30/ CONTRES 6/30/ CON	e-08'00' ENG, INC, INC, Solutions" , Suite 107 7005 5 6
										WINGS.			
	RTU	RTU			RTU	<u>RTU</u>	RTU	RTU	RTU		CRIPTION ED FOR PERMIT		
/ARK NUMBER			RTU 4 CLASSROOM	CLASSROOM	RTU 6 CLASSROOM	RTU 7 CLASSROOM	CLASSROOM	CLASSROOM	RTU 10 CLASSROOM		DESCRIPTION ISSUED FOR PERMIT		
MARK NUMBER SYSTEM	RTU 2	RTU 3	RTU 4	5				9					
MARK NUMBER SYSTEM TYPE	AUDITORIUM	CLASSROOM	CLASSROOM	5 CLASSROOM	CLASSROOM	CLASSROOM	CLASSROOM	9 CLASSROOM	CLASSROOM				
MARK NUMBER SYSTEM TYPE FAN SECTION AIRFLOW (CFM)	AUDITORIUM GAS/DX 6000	CLASSROOM GAS/DX 2400	RTU 4 CLASSROOM GAS/DX 4200	5 CLASSROOM GAS/DX 4200	CLASSROOM GAS/DX 1400	GAS/DX	GAS/DX 5000	9 CLASSROOM GAS/DX 1400	10 CLASSROOM GAS/DX 6000		DATE DESCRIPTION 11/6/2020 ISSUED FOR PERMIT		
MARK NUMBER SYSTEM TYPE FAN SECTION AIRFLOW (CFM) MIN OSA (CFM)	AUDITORIUM GAS/DX 6000 3175	RTU3CLASSROOMGAS/DX2400925	RTU 4 CLASSROOM GAS/DX 4200 845	5 CLASSROOM GAS/DX 4200 810	CLASSROOM GAS/DX 1400 240	CLASSROOM GAS/DX 5000 800	CLASSROOM GAS/DX 5000 780	9 CLASSROOM GAS/DX 1400 240	10 CLASSROOM GAS/DX 6000 820		DATE 11/6/2020		
MARK NUMBER SYSTEM TYPE FAN SECTION AIRFLOW (CFM) MIN OSA (CFM) E.S.P. ('H20)	AUDITORIUM GAS/DX 6000	RTU 3 CLASSROOM GAS/DX 2400 925 0.5	RTU 4 CLASSROOM GAS/DX 4200 845 0.5	5 CLASSROOM GAS/DX 4200 810 0.5	CLASSROOM GAS/DX 1400 240 0.5	CLASSROOM GAS/DX 5000 800 0.5	CLASSROOM GAS/DX 5000 780 0.5	9 CLASSROOM GAS/DX 1400 240 0.5	10 CLASSROOM GAS/DX 6000 820 0.5				
MIN OSA (CFM) E.S.P. ('H20) MOTOR (BHP)	RTU 2 AUDITORIUM GAS/DX 6000 3175 0.5 3	RTU 3 CLASSROOM GAS/DX 2400 925 0.5 1.17	RTU 4 CLASSROOM GAS/DX 4200 845 0.5 2.47	5 CLASSROOM GAS/DX 4200 810 0.5 2.47	CLASSROOM GAS/DX 1400 240 0.5 0.49	CLASSROOM GAS/DX 5000 800 0.5 3.82	CLASSROOM GAS/DX 5000 780 0.5 3.82	9 CLASSROOM GAS/DX 1400 240 0.5 0.49	10 CLASSROOM GAS/DX 6000 820 0.5 3.0		DATE 11/6/2020		
MARK NUMBER SYSTEM TYPE FAN SECTION AIRFLOW (CFM) MIN OSA (CFM) E.S.P. ('H20)	RTU 2 AUDITORIUM GAS/DX 6000 3175 0.5 3 731 731	RTU 3 CLASSROOM GAS/DX 2400 925 0.5 1.17 2228	RTU 4 CLASSROOM GAS/DX 4200 845 0.5	5 CLASSROOM GAS/DX 4200 810 0.5 2.47 928	CLASSROOM GAS/DX 1400 240 0.5	CLASSROOM GAS/DX 5000 800 0.5 3.82 1056	CLASSROOM GAS/DX 5000 780 0.5	9 CLASSROOM GAS/DX 1400 240 0.5 0.49 1662	10 CLASSROOM GAS/DX 6000 820 0.5		DATE 11/6/2020	02	
MARK NUMBER SYSTEM TYPE FAN SECTION AIRFLOW (CFM) MIN OSA (CFM) E.S.P. ('H20) MOTOR (BHP) FAN (RPM)	RTU 2 AUDITORIUM GAS/DX 6000 3175 0.5 3	RTU 3 CLASSROOM GAS/DX 2400 925 0.5 1.17	RTU 4 CLASSROOM GAS/DX 4200 845 0.5 2.47 928	5 CLASSROOM GAS/DX 4200 810 0.5 2.47	CLASSROOM GAS/DX 1400 240 0.5 0.49 1662	CLASSROOM GAS/DX 5000 800 0.5 3.82	CLASSROOM GAS/DX 5000 780 0.5 3.82 1056	9 CLASSROOM GAS/DX 1400 240 0.5 0.49	10 CLASSROOM GAS/DX 6000 820 0.5 3.0 731		DATE 11/6/2020	40	
MARK NUMBER SYSTEM TYPE FAN SECTION AIRFLOW (CFM) MIN OSA (CFM) E.S.P. ('H20) MOTOR (BHP) FAN (RPM) WHEEL TYPE	RTU 2 AUDITORIUM GAS/DX 6000 3175 0.5 3 731 FC	RTU 3 CLASSROOM GAS/DX 2400 925 0.5 1.17 2228 FC	RTU 4 CLASSROOM GAS/DX 4200 845 0.5 2.47 928 FC	5 CLASSROOM GAS/DX 4200 810 0.5 2.47 928 FC	CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC	CLASSROOM GAS/DX 5000 800 0.5 3.82 1056 FC	CLASSROOM GAS/DX 5000 780 0.5 3.82 1056 FC	9 CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC	10 CLASSROOM GAS/DX 6000 820 0.5 3.0 731 FC		REV DATE 0 11/6/2020	97402	
MARK NUMBER SYSTEM TYPE FAN SECTION AIRFLOW (CFM) MIN OSA (CFM) E.S.P. ('H20) MOTOR (BHP) FAN (RPM) WHEEL TYPE INTAKE DIRECTION DISCHARGE DIRECTION	RTU AUDITORIUM GAS/DX 6000 3175 0.5 3 731 FC HORIZONTAL	RTU 3 CLASSROOM GAS/DX 2400 925 0.5 1.17 2228 FC HORIZONTAL	RTU CLASSROOM GAS/DX 4200 845 0.5 2.47 928 FC VERTICAL	5 CLASSROOM GAS/DX 4200 810 0.5 2.47 928 FC VERTICAL	CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC HORIZONTAL	CLASSROOM GAS/DX 5000 800 0.5 3.82 1056 FC VERTICAL	CLASSROOM GAS/DX 5000 780 0.5 3.82 1056 FC VERTICAL	9 CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC VERTICAL	10 CLASSROOM GAS/DX 6000 820 0.5 3.0 731 FC VERTICAL		REV DATE 0 11/6/2020	9740	DULES
MARK NUMBER SYSTEM TYPE FAN SECTION AIRFLOW (CFM) MIN OSA (CFM) E.S.P. ('H20) MOTOR (BHP) FAN (RPM) WHEEL TYPE INTAKE DIRECTION DISCHARGE DIRECTION	RTU AUDITORIUM GAS/DX 6000 3175 0.5 3 731 FC HORIZONTAL	RTU 3 CLASSROOM GAS/DX 2400 925 0.5 1.17 2228 FC HORIZONTAL	RTU CLASSROOM GAS/DX 4200 845 0.5 2.47 928 FC VERTICAL	5 CLASSROOM GAS/DX 4200 810 0.5 2.47 928 FC VERTICAL	CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC HORIZONTAL	CLASSROOM GAS/DX 5000 800 0.5 3.82 1056 FC VERTICAL	CLASSROOM GAS/DX 5000 780 0.5 3.82 1056 FC VERTICAL	9 CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC VERTICAL	10 CLASSROOM GAS/DX 6000 820 0.5 3.0 731 FC VERTICAL		REV DATE 0 11/6/2020	740	IEDULES
MARK NUMBER SYSTEM TYPE FAN SECTION AIRFLOW (CFM) MIN OSA (CFM) E.S.P. ('H20) MOTOR (BHP) FAN (RPM) WHEEL TYPE INTAKE DIRECTION DISCHARGE DIRECTION HEATING FUEL TYPE INPUT (MBH)	RTU AUDITORIUM GAS/DX 6000 3175 0.5 3 731 FC HORIZONTAL HORIZONTAL NAT. GAS 350	RTU 3 CLASSROOM GAS/DX 2400 925 0.5 1.17 2228 FC HORIZONTAL HORIZONTAL NAT. GAS 110	RTU CLASSROOM GAS/DX 4200 845 0.5 2.47 928 FC VERTICAL HORIZONTAL	5 CLASSROOM GAS/DX 4200 810 0.5 2.47 928 FC VERTICAL HORIZONTAL NAT. GAS 180	CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC HORIZONTAL HORIZONTAL NAT. GAS 67	CLASSROOM GAS/DX 5000 800 0.5 3.82 1056 FC VERTICAL HORIZONTAL HORIZONTAL 180	CLASSROOM GAS/DX 5000 780 0.5 3.82 1056 FC VERTICAL HORIZONTAL NAT. GAS 180	9 CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC VERTICAL HORIZONTAL	10 CLASSROOM GAS/DX 6000 820 0.5 3.0 731 FC VERTICAL HORIZONTAL NAT. GAS 240		HOOL 0 11/6/2020	, OR 9740	CHEDULES
MARK NUMBER SYSTEM TYPE FAN SECTION AIRFLOW (CFM) MIN OSA (CFM) E.S.P. ('H20) MOTOR (BHP) FAN (RPM) WHEEL TYPE INTAKE DIRECTION DISCHARGE DIRECTION HEATING FUEL TYPE INPUT (MBH) OUTPUT (MBH)	RTU AUDITORIUM GAS/DX 6000 3175 0.5 3 731 FC HORIZONTAL HORIZONTAL NAT. GAS 350 280	RTU 3 CLASSROOM GAS/DX 2400 925 0.5 1.17 2228 FC HORIZONTAL HORIZONTAL NAT. GAS 110 88	RTU CLASSROOM GAS/DX 4200 845 0.5 2.47 928 FC VERTICAL HORIZONTAL	5 CLASSROOM GAS/DX 4200 810 0.5 2.47 928 FC VERTICAL HORIZONTAL NAT. GAS 180 148	CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC HORIZONTAL HORIZONTAL NAT. GAS 67 54	CLASSROOM GAS/DX 5000 800 0.5 3.82 1056 FC VERTICAL HORIZONTAL NAT. GAS 180 148	CLASSROOM GAS/DX 5000 780 0.5 3.82 1056 FC VERTICAL HORIZONTAL NAT. GAS 180 148	9 CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC VERTICAL HORIZONTAL NAT. GAS 67 54	10 CLASSROOM GAS/DX 6000 820 0.5 3.0 731 FC VERTICAL HORIZONTAL NAT. GAS 240 195		CHOOL REV DATE 0 11/6/2020	, OR 9740) SCHEDULES
MARK NUMBER SYSTEM TYPE FAN SECTION AIRFLOW (CFM) MIN OSA (CFM) E.S.P. ('H20) MOTOR (BHP) FAN (RPM) WHEEL TYPE INTAKE DIRECTION DISCHARGE DIRECTION HEATING FUEL TYPE INPUT (MBH) OUTPUT (MBH) MIN. EFF. (AFUE %)	RTU AUDITORIUM GAS/DX 6000 3175 0.5 3 731 FC HORIZONTAL HORIZONTAL NAT. GAS 350	RTU 3 CLASSROOM GAS/DX 2400 925 0.5 1.17 2228 FC HORIZONTAL HORIZONTAL NAT. GAS 110	RTU CLASSROOM GAS/DX 4200 845 0.5 2.47 928 FC VERTICAL HORIZONTAL	5 CLASSROOM GAS/DX 4200 810 0.5 2.47 928 FC VERTICAL HORIZONTAL NAT. GAS 180	CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC HORIZONTAL HORIZONTAL NAT. GAS 67	CLASSROOM GAS/DX 5000 800 0.5 3.82 1056 FC VERTICAL HORIZONTAL HORIZONTAL 180	CLASSROOM GAS/DX 5000 780 0.5 3.82 1056 FC VERTICAL HORIZONTAL NAT. GAS 180	9 CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC VERTICAL HORIZONTAL NAT. GAS 67	10 CLASSROOM GAS/DX 6000 820 0.5 3.0 731 FC VERTICAL HORIZONTAL NAT. GAS 240		SCHOOL 0 11/6/2020	ADE ENE, OR 9740	
MARK NUMBER SYSTEM TYPE FAN SECTION AIRFLOW (CFM) MIN OSA (CFM) E.S.P. ('H20) MOTOR (BHP) FAN (RPM) WHEEL TYPE INTAKE DIRECTION DISCHARGE DIRECTION HEATING FUEL TYPE INPUT (MBH) OUTPUT (MBH) MIN. EFF. (AFUE %)	RTU AUDITORIUM GAS/DX 6000 3175 0.5 3 731 FC HORIZONTAL HORIZONTAL NAT. GAS 350 280 80	RTU 3 CLASSROOM GAS/DX 2400 925 0.5 1.17 2228 FC HORIZONTAL HORIZONTAL NAT. GAS 110 88 80	RTU CLASSROOM GAS/DX 4200 845 0.5 2.47 928 FC VERTICAL HORIZONTAL NAT. GAS 180 148 80	5 CLASSROOM GAS/DX 4200 810 0.5 2.47 928 FC VERTICAL HORIZONTAL NAT. GAS 180 148 80	CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC HORIZONTAL HORIZONTAL NAT. GAS 67 54 80	CLASSROOM GAS/DX 5000 800 0.5 3.82 1056 FC VERTICAL HORIZONTAL NAT. GAS 180 148 80	CLASSROOM GAS/DX 5000 780 0.5 3.82 1056 FC VERTICAL HORIZONTAL NAT. GAS 180 148 80	9 CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC VERTICAL HORIZONTAL NAT. GAS 67 54 80	10 CLASSROOM GAS/DX 6000 820 0.5 3.0 731 FC VERTICAL HORIZONTAL NAT. GAS 240 195 80		D SCHOOL	RADE GENE, OR 9740	AND
MARK NUMBER SYSTEM TYPE FAN SECTION AIRFLOW (CFM) MIN OSA (CFM) E.S.P. ('H20) MOTOR (BHP) FAN (RPM) WHEEL TYPE INTAKE DIRECTION DISCHARGE DIRECTION HEATING FUEL TYPE INPUT (MBH) OUTPUT (MBH) MIN. EFF. (AFUE %) COOLING ENT AIR (DB/WB °F)	RTU AUDITORIUM GAS/DX 6000 3175 0.5 3 731 FC HORIZONTAL HORIZONTAL NAT. GAS 350 280 80	RTU 3 CLASSROOM GAS/DX 2400 925 0.5 1.17 2228 FC HORIZONTAL HORIZONTAL NAT. GAS 110 88 80	RTU CLASSROOM GAS/DX 4200 845 0.5 2.47 928 FC VERTICAL HORIZONTAL NAT. GAS 180 148 80	5 CLASSROOM GAS/DX 4200 810 0.5 2.47 928 FC VERTICAL HORIZONTAL NAT. GAS 180 148 80 78/65	CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC HORIZONTAL HORIZONTAL NAT. GAS 67 54 80 78/65	CLASSROOM GAS/DX 5000 800 0.5 3.82 1056 FC VERTICAL HORIZONTAL HORIZONTAL NAT. GAS 180 148 80	CLASSROOM GAS/DX 5000 780 0.5 3.82 1056 FC VERTICAL HORIZONTAL NAT. GAS 180 148 80 78/65	9 CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC VERTICAL HORIZONTAL NAT. GAS 67 54 80 79/65	10 CLASSROOM GAS/DX 6000 820 0.5 3.0 731 FC VERTICAL HORIZONTAL NAT. GAS 240 195 80 78/65		ND SCHOOL	GRADE UGENE, OR 9740	AND
MARK NUMBER SYSTEM TYPE FAN SECTION AIRFLOW (CFM) MIN OSA (CFM) E.S.P. ('H20) MOTOR (BHP) FAN (RPM) WHEEL TYPE INTAKE DIRECTION DISCHARGE DIRECTION HEATING FUEL TYPE INPUT (MBH) OUTPUT (MBH) OUTPUT (MBH) MIN. EFF. (AFUE %) COOLING ENT AIR (DB/WB °F) SENSIBLE (MBH)	RTU AUDITORIUM GAS/DX 6000 3175 0.5 3 731 FC HORIZONTAL HORIZONTAL NAT. GAS 350 280 80	RTU 3 CLASSROOM GAS/DX 2400 925 0.5 1.17 2228 FC HORIZONTAL HORIZONTAL NAT. GAS 110 88 80	RTU CLASSROOM GAS/DX 4200 845 0.5 2.47 928 FC VERTICAL HORIZONTAL NAT. GAS 180 148 80	5 CLASSROOM GAS/DX 4200 810 0.5 2.47 928 FC VERTICAL HORIZONTAL NAT. GAS 180 148 80	CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC HORIZONTAL HORIZONTAL NAT. GAS 67 54 80	CLASSROOM GAS/DX 5000 800 0.5 3.82 1056 FC VERTICAL HORIZONTAL NAT. GAS 180 148 80	CLASSROOM GAS/DX 5000 780 0.5 3.82 1056 FC VERTICAL HORIZONTAL NAT. GAS 180 148 80	9 CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC VERTICAL HORIZONTAL NAT. GAS 67 54 80	10 CLASSROOM GAS/DX 6000 820 0.5 3.0 731 FC VERTICAL HORIZONTAL NAT. GAS 240 195 80		LAND SCHOOL	RADE GENE, OR 9740	AND
MARK NUMBER SYSTEM TYPE FAN SECTION AIRFLOW (CFM) MIN OSA (CFM) E.S.P. ('H20) MOTOR (BHP) FAN (RPM) WHEEL TYPE INTAKE DIRECTION DISCHARGE DIRECTION HEATING FUEL TYPE INPUT (MBH) OUTPUT (MBH) MIN. EFF. (AFUE %) COOLING ENT AIR (DB/WB °F)	RTU AUDITORIUM GAS/DX 6000 3175 0.5 3 731 FC HORIZONTAL HORIZONTAL NAT. GAS 350 280 80 84/66 154	RTU CLASSROOM GAS/DX 2400 925 0.5 1.17 2228 FC HORIZONTAL HORIZONTAL NAT. GAS 110 88 80 78/65 54	RTU CLASSROOM GAS/DX 4200 845 0.5 2.47 928 FC VERTICAL HORIZONTAL NAT. GAS 180 148 80 79/65 96	5 CLASSROOM GAS/DX 4200 810 0.5 2.47 928 FC VERTICAL HORIZONTAL NAT. GAS 180 148 80 78/65 100	CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC HORIZONTAL HORIZONTAL NAT. GAS 67 54 80 78/65 34	CLASSROOM GAS/DX 5000 800 0.5 3.82 1056 FC VERTICAL HORIZONTAL HORIZONTAL NAT. GAS 180 148 80 78/65 98	CLASSROOM GAS/DX 5000 780 0.5 3.82 1056 FC VERTICAL HORIZONTAL HORIZONTAL NAT. GAS 180 148 80 78/65 98	9 CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC VERTICAL HORIZONTAL NAT. GAS 67 54 80 79/65 34	10 CLASSROOM GAS/DX 6000 820 0.5 3.0 731 FC VERTICAL HORIZONTAL NAT. GAS 240 195 80 78/65 130		ELAND SCHOOL	: UPGRADE - EUGENE, OR 9740	AND
MARK NUMBER SYSTEM TYPE FAN SECTION AIRFLOW (CFM) MIN OSA (CFM) E.S.P. ('H20) MOTOR (BHP) FAN (RPM) WHEEL TYPE INTAKE DIRECTION DISCHARGE DIRECTION HEATING FUEL TYPE INPUT (MBH) OUTPUT (MBH) OUTPUT (MBH) MIN. EFF. (AFUE %) COOLING ENT AIR (DB/WB °F) SENSIBLE (MBH) TOTAL (MBH)	RTU AUDITORIUM GAS/DX 6000 3175 0.5 3 731 FC HORIZONTAL HORIZONTAL NAT. GAS 350 280 80 154 175	RTU CLASSROOM GAS/DX 2400 925 0.5 1.17 2228 FC HORIZONTAL HORIZONTAL NAT. GAS 110 88 80 78/65 54 68	RTU CLASSROOM GAS/DX 4200 845 0.5 2.47 928 FC VERTICAL HORIZONTAL NAT. GAS 180 148 80 79/65 96 135	5 CLASSROOM GAS/DX 4200 810 0.5 2.47 928 FC VERTICAL HORIZONTAL 148 80 78/65 100 123	CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC HORIZONTAL HORIZONTAL NAT. GAS 67 54 80 78/65 34 46	CLASSROOM GAS/DX 5000 800 0.5 3.82 1056 FC VERTICAL HORIZONTAL HORIZONTAL 148 80 148 80 78/65 98 134	CLASSROOM GAS/DX 5000 780 0.5 3.82 1056 FC VERTICAL HORIZONTAL HORIZONTAL 148 80 78/65 98 134	9 CLASSROOM GAS/DX 1400 240 0.5 0.49 1662 FC VERTICAL HORIZONTAL NAT. GAS 67 54 80 79/65 34 46	10 CLASSROOM GAS/DX 6000 820 0.5 3.0 731 FC VERTICAL HORIZONTAL NAT. GAS 240 195 80 78/65 130 171		RELAND SCHOOL	AC UPGRADE W - EUGENE, OR 9740	
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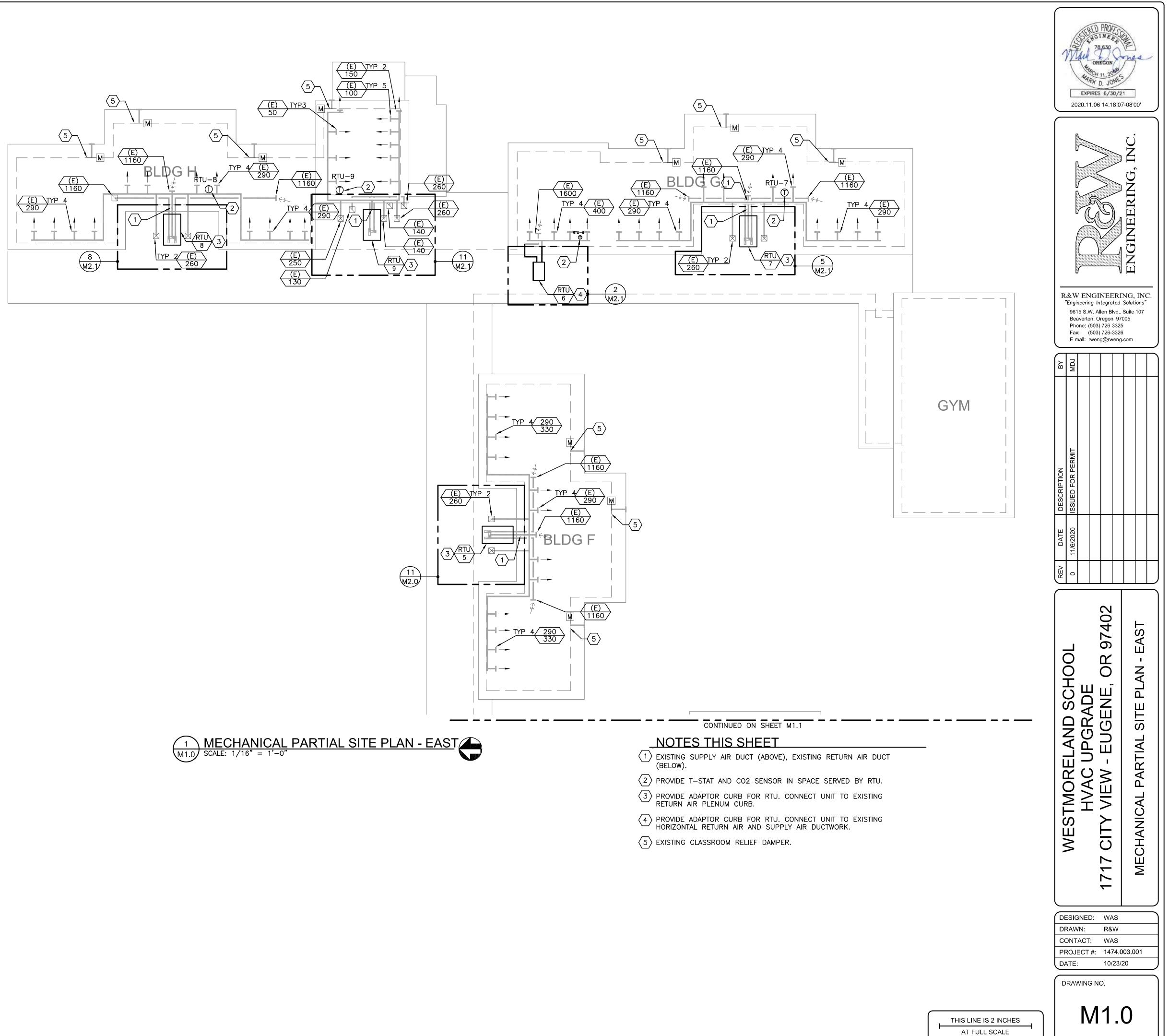
ea	Exhaust	Exhaust	Req'd	Req'd
oor	Airflow	Airflow	Exhaust	OSA
ow M)	Rate (CFM/SF)	Rate	(CFM)	(CFM)
M)	(CFM/SF)	(CFM/FX)		
4				0464
4		_		2464
5	_	_	_	75
	TC	DTAL REQ'D	OSA CFM	2539
REQ'D	OSA CFM	IN BREATH	ING ZONE	3173
	TOTAL	REQ'D EXH	IAUST CFM	_
	TOT	AL PROVIDE	D OSA CFM	3175
		DCV MINIMU		423
				120
~	TOTALT			770
0	_		_	738
		DTAL REQ'D		738
REQ'D	OSA CFM	IN BREATH	IING ZONE	922
	TOTAL	REQ'D EXH	AUST CFM	-
	TOT	AL PROVIDE	D OSA CFM	925
	[DCV MINIMU	M OSA CFM	375
				_
0				- 674
0			-	674
		DTAL REQ'D		674
REQ'D	OSA CFM	IN BREATH	IING ZONE	843
	TOTAL	REQ'D EXH	AUST CFM	-
	TOT	AL PROVIDE	D OSA CFM	845
	[DCV MINIMU	M OSA CFM	488
	TOTAL PR		HAUST CEM	_
5	_			648
5				
		DTAL REQ'D		648
REQ'D		IN BREATH		810
	TOTAL	REQ'D EXH	IAUST CFM	_
	TOT	AL PROVIDE	D OSA CFM	810
	[DCV MINIMU	M OSA CFM	469
	TOTAL PR	OVIDED EXH	AUST CFM	-
0	-		-	191
	TC	DTAL REQ'D	OSA CFM	191
REQ'D	OSA CFM	IN BREATH	HING ZONE	239
	TOTAL	REQ'D EXH	IAUST CFM	_
	TOT	AL PROVIDE	D OSA CFM	240
		DCV MINIMU		138
	TOTAL PR		HAUST CFM	-
8	_	_	_	637
	TC	TAL REQ'D	OSA CFM	637
REQ'D		IN BREATH		796
		REQ'D EXH		_
		AL PROVIDE		800
				461
	TOTAL PR		HAUST CFM	-
0				623
EQ'D				623
		IN BREATH		778
		AL PROVIDE		780
				450
0	_	_	_	190
•	TC	DTAL REQ'D	OSA CFM	190
EQ'D		IN BREATH		237
		REQ'D EXH		_
	тот	AL PROVIDE	D OSA CFM	240
		DCV MINIMU	M OSA CFM	137
	TOTAL PR	OVIDED EXH	HAUST CFM	-
8	_	_	-	654
		DTAL REQ'D		654
REQ'D		IN BREATH		817
		REQ'D EXH		-
				820
				473
	TUTAL PR		HAUST CFM	-

SHEET INDEX

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M1.1 M2.0	- - -	MECHANICAL LEGEND AND SCHEDULES MECHANICAL PARTIAL SITE PLAN - EAST MECHANICAL PARTIAL SITE PLAN - WEST ENLARGED PLAN / SECTIONS ENLARGED PLAN / SECTIONS
		ENLARGED PLAN / SECTIONS AND DETAILS

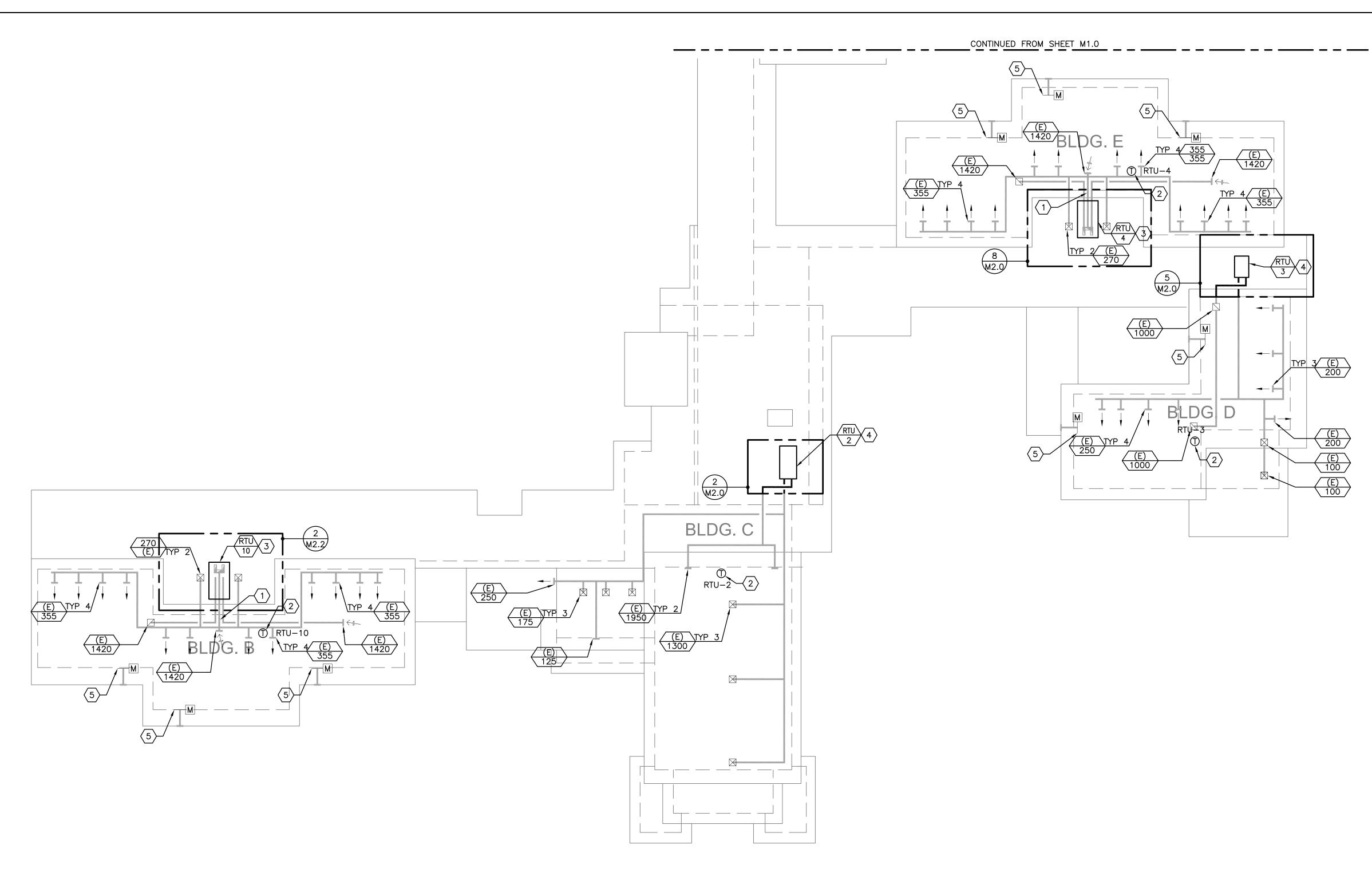


SHEET 1 OF 6



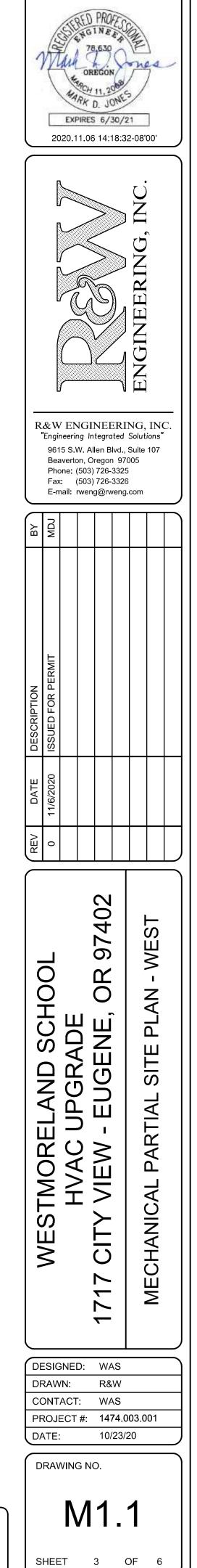
IF IT DOES NOT MEASURE 2 INCHES, SCALE ACCORDINGLY

SHEET 2 OF 6



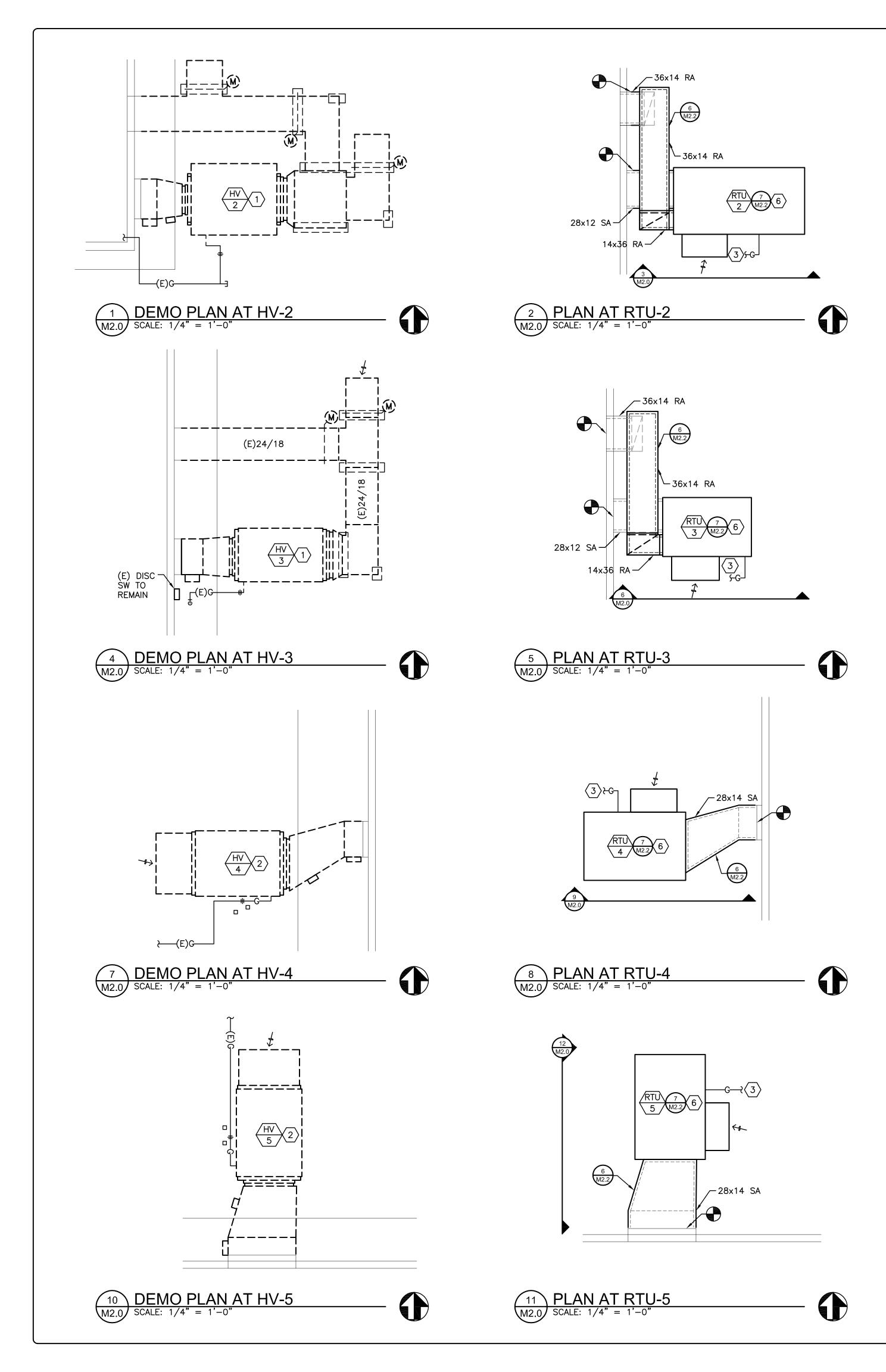
1 MECHANICAL PARTIAL SITE PLAN - WEST

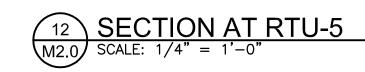
NOTES THIS SHEET (1) EXISTING SUPPLY AIR DUCT (ABOVE), EXISTING RETURN AIR DUCT (BELOW). $\langle 2 \rangle$ provide T-stat and CO2 sensor in space served by RTU. See specifications. (3) PROVIDE ADAPTOR CURB FOR RTU. CONNECT UNIT TO EXISTING RETURN AIR PLENUM CURB. PROVIDE ADAPTOR CURB FOR RTU. CONNECT UNIT TO EXISTINGHORIZONTAL RETURN AIR AND SUPPLY AIR DUCTWORK $\langle 5 \rangle$ EXISTING CLASSROOM RELIEF DAMPER.

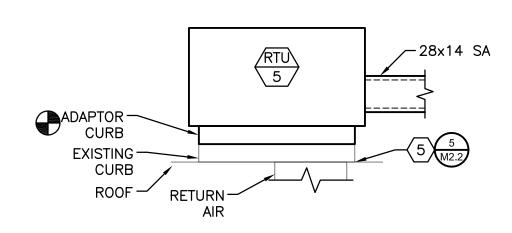


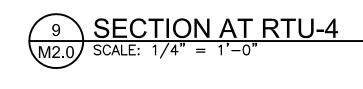
THIS LINE IS 2 INCHES AT FULL SCALE

IF IT DOES NOT MEASURE 2 INCHES, SCALE ACCORDINGLY

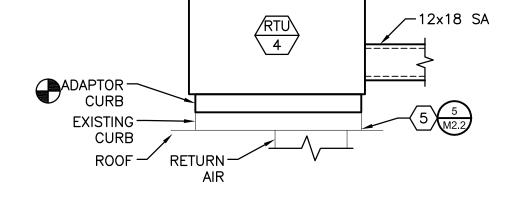


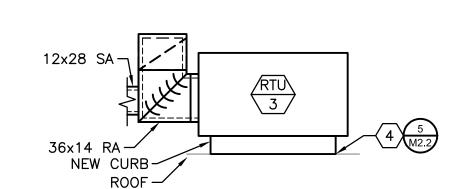


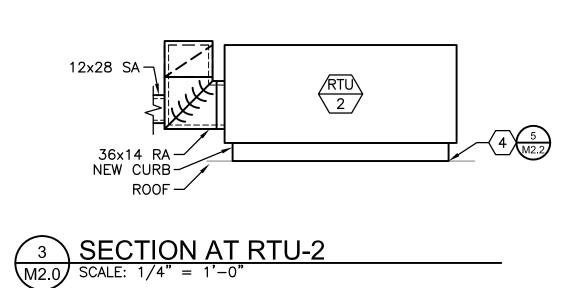




6 SECTION AT RTU-3 M2.0 SCALE: 1/4" = 1'-0"

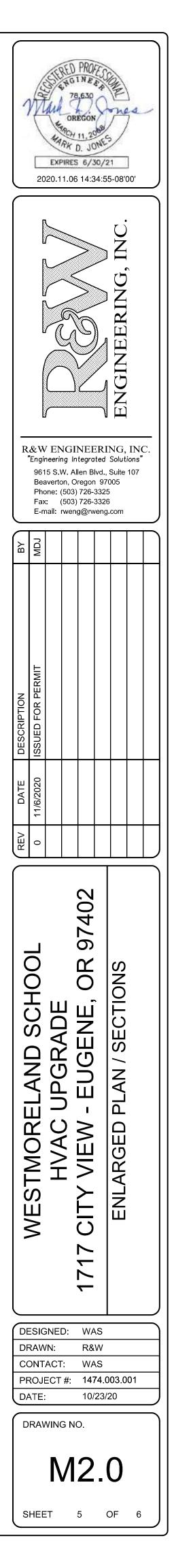


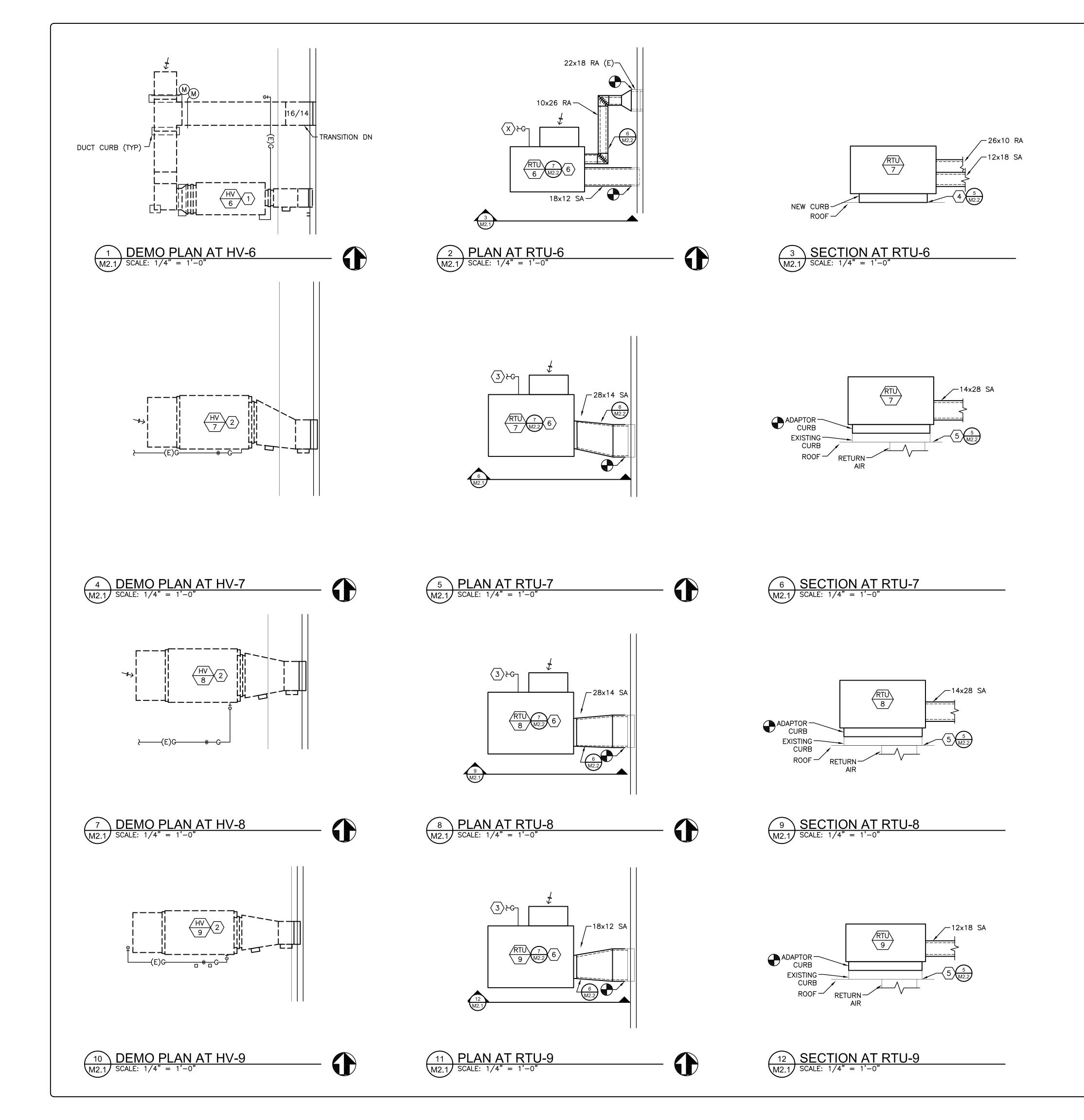




NOTES THIS SHEET

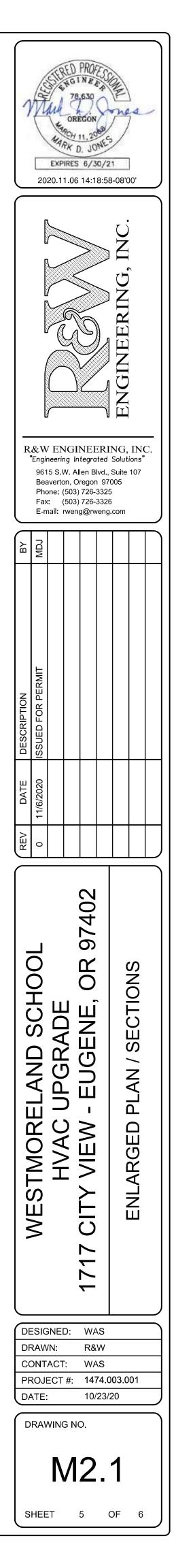
- 1 REMOVE EXISTING HV, DUCTWORK, DUCT SUPPORTS, CONTROLS, AND CURB. CAP EXISTING GAS PIPING AND DUCTWORK FOR RECONNECTION TO NEW. PATCH AND MATCH ROOF TO MATCH EXISTING. WORK WITH ESD TO VERIFY ANY WORK ON ROOFING DOES NOT VOID A WARRANTY.
- REMOVE EXISTING HV, DUCTWORK, AND CONTROLS. CAP EXISTING GAS PIPING AND DUCTWORK FOR RECONNECTION TO NEW. EXISTING CURB TO REMAIN IN PLACE.
- $\langle 3 \rangle$ RECONNECT GAS PIPING TO EXISTING.
- $\langle 4 \rangle$ provide new roof curb.
- 5 PROVIDE ROOF ADAPTOR CURB FOR RTU. CONNECT TO EXISTING RA PLENUM CURB.
- 6 NEW ROOFTOP UNIT. RECONNECT TO EXISTING DUCTWORK. TRANSITION DUCT TO EXISTING CONNECTIONS AS REQUIRED.

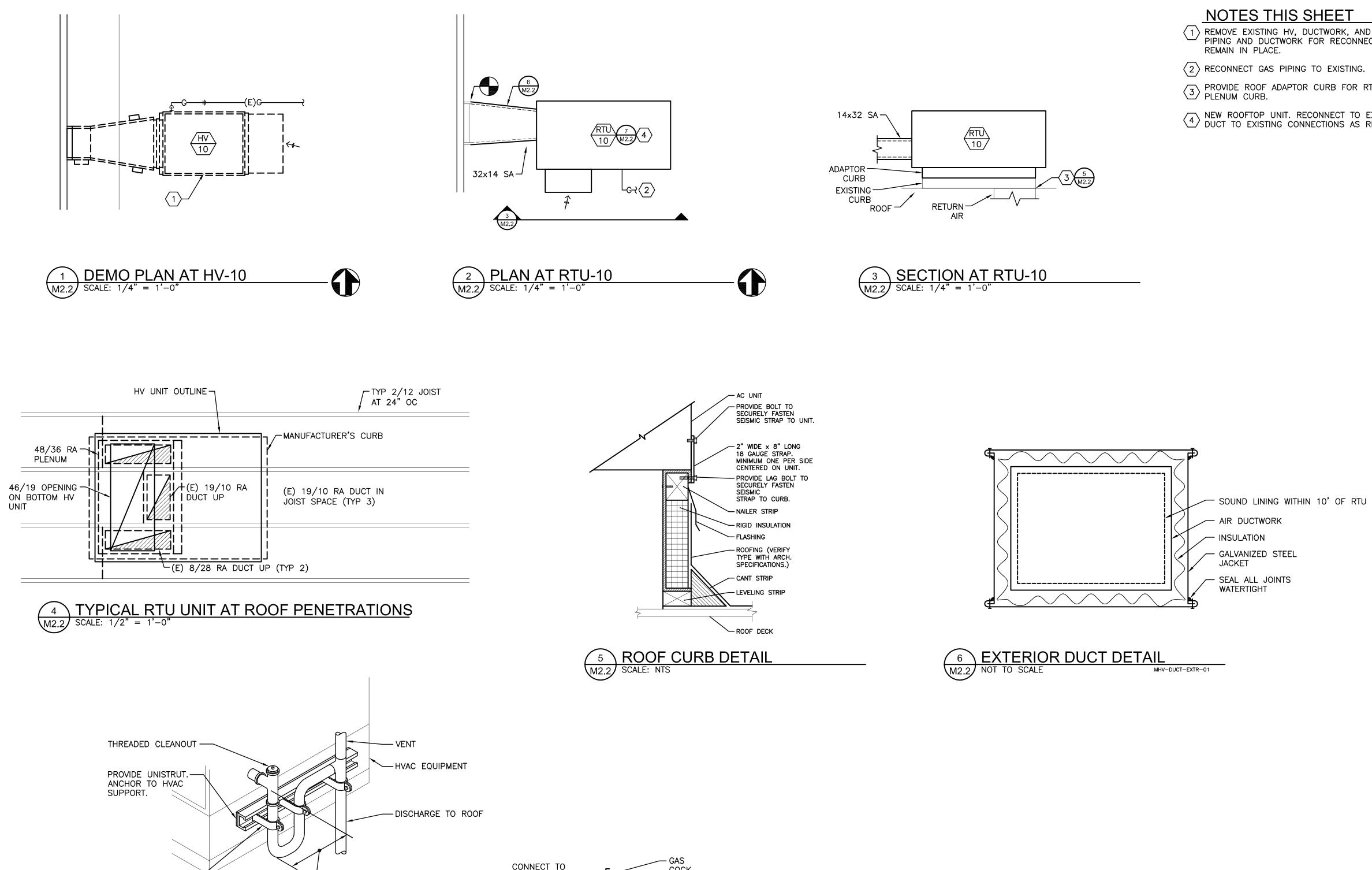


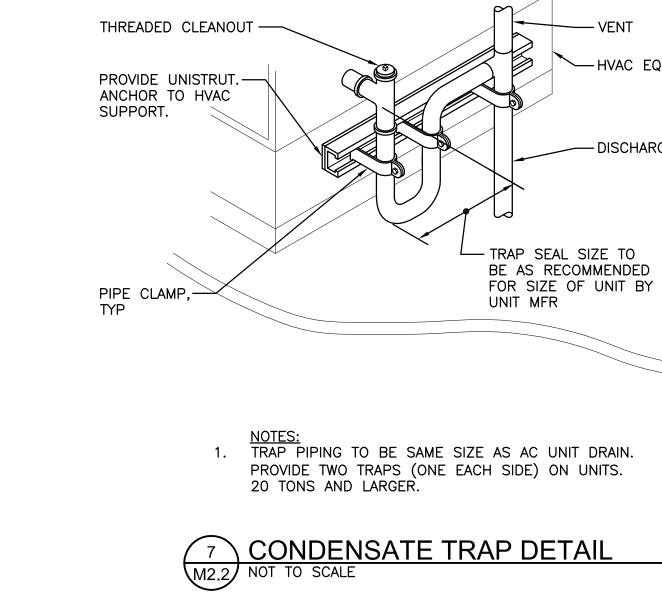


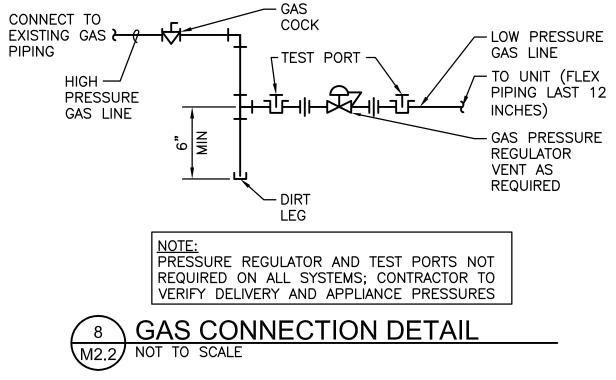
NOTES THIS SHEET

- 1 REMOVE EXISTING HV, DUCTWORK, DUCT SUPPORTS, CONTROLS, AND CURB. CAP EXISTING GAS PIPING AND DUCTWORK FOR RECONNECTION TO NEW. PATCH AND MATCH ROOF TO MATCH EXISTING. WORK WITH ESD TO VERIFY ANY WORK ON ROOFING DOES NOT VOID A WARRANTY.
- 2 REMOVE EXISTING HV, DUCTWORK, AND CONTROLS. CAP EXISTING GAS PIPING AND DUCTWORK FOR RECONNECTION TO NEW. EXISTING CURB TO REMAIN IN PLACE.
- $\langle 3 \rangle$ RECONNECT GAS PIPING TO EXISTING.
- $\langle 4 \rangle$ PROVIDE NEW ROOF CURB.
- 5 PROVIDE ROOF ADAPTOR CURB FOR RTU. CONNECT TO EXISTING RA PLENUM CURB.
- 6 NEW ROOFTOP UNIT. RECONNECT TO EXISTING DUCTWORK. TRANSITION DUCT TO EXISTING CONNECTIONS AS REQUIRED.









NOTES THIS SHEET

- 1 REMOVE EXISTING HV, DUCTWORK, AND CONTROLS. CAP EXISTING GAS PIPING AND DUCTWORK FOR RECONNECTION TO NEW. EXISTING CURB TO REMAIN IN PLACE.
- $\langle 2 \rangle$ RECONNECT GAS PIPING TO EXISTING.
- 3 PROVIDE ROOF ADAPTOR CURB FOR RTU. CONNECT TO EXISTING RA
- A NEW ROOFTOP UNIT. RECONNECT TO EXISTING DUCTWORK. TRANSITION DUCT TO EXISTING CONNECTIONS AS REQUIRED.

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