

	ADEA 05D\(5D	AIR FLOW	OUTDOOR	COC	DLING	HEATING			ELECT	ELECTRICAL DATA		DIMENSIONS	APPROX.	REFRIGERANT	REMARKS	
AG No.	AREA SERVED	L-H (CFM)	AIR (CFM)	ТВМН	SBMH	MBH	MODEL & MANU	JFACTURER	VOLT/PH/HZ	MCA	MOP	LxWxH (IN)	WEIGHT (LBS)	TYPE	NEWARRS	
AC-1	TRAINER'S ROOM 130F	180-290	-	11.0	8.3	13	FXAQ12PVJU	DAIKIN	208/1/60	0.4	15	31 x 12 x 9	30	R-410A	WALL-MOUNTED HEAT PUMP AC UNIT.	
AC-2	OFFICE 130M	180-290	-	11.0	8.3	13	FXAQ12PVJU	DAIKIN	208/1/60	0.4	15	31 x 12 x 9	30	R-410A	WALL-MOUNTED HEAT PUMP AC UNIT.	
AC-3	OFFICE 130L	175-280	-	8.0	7.0	8	FXAQ09PVJU	DAIKIN	208/1/60	0.4	15	31 x 12 x 9	30	R-410A	WALL-MOUNTED HEAT PUMP AC UNIT.	
AC-4	EXISTING OFFICE 130B	160-260	-	7.0	5.9	7	FXAQ07PVJU	DAIKIN	208/1/60	0.4	15	31 x 12 x 9	30	R-410A	WALL-MOUNTED HEAT PUMP AC UNIT.	
AC-5	SGI 130N	470-635	-	22.0	17.9	22.0	FXFQ24PVJU	DAIKIN	208/1/60	0.5	15	33 x 33 x 9	60	R-410A	CEILING-MOUNTED HEAT PUMP AC UNIT.	
AC-6	OFFICE 128D	160-260	-	7.0	7.0	7	CTXS07LVJU	DAIKIN	208/1/60	0.4	15	31 x 12 x 9	30	R-410A	WALL-MOUNTED HEAT PUMP AC UNIT.	
AC-7	OFFICE 128C	160-260	-	7.0	7.0	7	CTXS07LVJU	DAIKIN	208/1/60	0.4	15	31 x 12 x 9	30	R-410A	WALL-MOUNTED HEAT PUMP AC UNIT.	

	OUTDOOR AIR-COOLED CONDENSING UNIT SCHEDULE (DAIKIN AS STANDARD)																
TAG No. LOCA	CATION UNIT	D COOLING OPERATING TEMP. (°F)	HEATING OPERATING TEMP. (°F)	NOMINAL COOLING (MBH)	NOMINAL HEATING (MBH)	MODEL & MANUI	FACTURER	ELECTRICAL DATA VOLT/PH/HZ	COMPRESSOR NO.	COND. FAN NO.	MCA	MOP	REFRIGERANT TYPE	UNIT DIMENSIONS WxHxD (IN)	APPROX. WEIGHT (LBS)	SEER	REMARKS
ACCU-1 ROO	ROOF AC-1 TH	U 5 14 TO 115	-4 TO 75	59.0	63.0	RXTQ60TAVJU	DAIKIN	208/1/60	1	1	29.1	35	R-410A	36 x 53 x 13	225	18.0	SEE NOTES.
ACCU-2 ROO	ROOF AC-6,	7 14 TO 115	-4 TO 75	18	18.9	2MXS18NMVJU	DAIKIN	208/1/60	1	1	15.8	20	R-410A	34 x 28 x 12	125	18.9	SEE NOTES.

REFER TO ELECTRICAL DRAWINGS 6. UNIT TO BE CONNECTED TO (E) ALC ANDOVER BMS SYSTEM.

				F	AN	CC	OIL	UN	ΙΤ	SCH	IED	UL	.E			(GREENHECK AS STANDARD)	
MARK No	D. UNIT LOCATION	UNIT SIZE W x L x H	ELECTRICAL DATA VOLT-PH-HZ	HP	CFM	ESP IN	MIN OA CFM	COIL	MDU	HEATING	LAT 50	ODM	WDD	MODE MANUFA		REMARKS	
		VV X L X II	VOLT-FTI-TIZ			111	OA OI W	110110	MBH	EWT/LWT	LAIF	GPM	WPD	IVIAIVOI A		W/ WALL BOX, DUCT COLLAR, ASHARE CYCLE II	$\checkmark$
FC-1	WEST SIDE	40 x 44 x 21	208 - 3 - 60	180	1,650	1.0	1,650	2	137.4	180/160	85	14.2	3.3	TBH-16	GREENHECK	CONTROL, 3-WAY CONTROL VALVE PIPING PACKAGE, REMOTE ROOM THERMOSTAT. UNIT TO BE CONNECTED TO (E) ALC ANDOVER BMS SYSTEM	2
FC-2	EAST SIDE	30 x 40 x 21	208 - 3 - 60	120	610	0.75	610	2	52.4	180/160	87.4	5.4	7.2	TBH-08	GREENHECK	W/ WALL BOX, DUCT COLLAR, ASHARE CYCLE II CONTROL, 3-WAY CONTROL VALVE PIPING PACKAGE, REMOTE ROOM THERMOSTAT. UNIT TO BE CONNECTED TO (E) ALC ANDOVER BMS SYSTEM	

		T. ID.	FIN	ACTIVE	D.T.L.		НС	T WATE	R HEAT	ING					
TAG NO.	LOCATION	TUBE SIZE	PER FT.	ELEMENT LENGTH	BTU/ HR-FT	TIERS	MBH	EWT (°F)	LWT (°F)	GPM	MODEL & N	IANUFACTUREF	REMARKS 1		
FTR-1	TRAINER'S RM130F	3/4"	50	5'-0"	1,110	1	5.5.	180	160	0.5	JVB-F	STERLING	PROVIDE W/ WATER BRACKETS W/ HANGERS. 1,2,4,5.		
FTR-2	WOMAN'S TOILET 130H	3/4"	50	2'-0"	1,110	1	2.2	180	160	0.5	JVB-F	STERLING	PROVIDE W/ WATER BRACKETS W/ HANGERS. 1,2,3,5.		
FTR-3	MEN'S BATHROOM 130K	3/4"	50	2'-0"	1,110	1	2.2	180	160	0.5	JVB-F	STERLING	PROVIDE W/ WATER BRACKETS W/ HANGERS.1,2,3,5.		
FTR-4	OFFICE 130L	3/4"	50	5'-0"	1,110	1	5.5	180	160	0.5	JBV-F	STERLING	PROVIDE W/ WATER BRACKETS W/ HANGERS. 1,2,4,5.		
FTR-5	OFFICE 130M	3/4"	50	6'-0"	1,110	1	6.6	180	160	0.6	JBV-F	STERLING	PROVIDE W/ WATER BRACKETS W/ HANGERS. 1,2,4,5.		
FTR-6,7	SGI 130N	3/4"	50	6'-0"	1,110	1	6.6	180	160	0.6	JBV-F	STERLING	PROVIDE W/ WATER BRACKETS W/ HANGERS. 1,2,4,5.		
FTR-8	EXIST. TOILET	3/4"	50	2'-0"	1,110	1	2.2	180	160	0.5	JVB-F	STERLING	PROVIDE W/ WATER BRACKETS W/ HANGERS. 1,2,3,5.		
FTR-9	EXIST. OFFICE	3/4"	50	1'-6"	1,110	1	1.6	180	160	0.5	JVB-F	STERLING	PROVIDE W/ WATER BRACKETS W/ HANGERS. 1,2,4,5.		
FTR-10,11	GIRL'S/BOY'S BATHROOMS	3/4"	50	2'-6"	1,110	1	2.7	180	160	0.5	JVB-F	STERLING	PROVIDE W/ WATER BRACKETS W/ HANGERS. 1,2,3,5.		
FTR-12,13	OFFICE 129C/128D	3/4"	50	2'-6"	1,110	1	2.7	180	160	0.5	JVB-F	STERLING	PROVIDE W/ WATER BRACKETS W/ HANGERS. 1,2,4,5.		
FTR-14	BATHROOM 128E	3/4"	50	2'-0"	1,110	1	2.6	180	160	0.5	JVB-F	STERLING	PROVIDE W/ WATER BRACKETS W/ HANGERS. 1,2,3,5.		

NOTES:	
1. ALL FTRs SHALL BE 14" H x 5-5/16" D. THE LENGTH INDICATED IN ABOVE SCHEDULE IS ACTIVE FINNED TUBE LENGTH. THE	OVERALL LENGTH OF COVERS (ENCLOSURES) SHALL BE
WALL TO WALL OR AS INDICATED ON FLOOR PLANS.	

PROVIDE W/ MIN. 14 GAUGE GALVANIZED STEEL FRONT COVER, 18 GA. FULL HEIGHT BACK PANEL, AIR VENT, CORNER PIECES, SPLICE PLATES, END CAPS, VALVE ENCLOSURE

COVER & WALL TO WALL COVER, WATER BRACKETS & TAMPER REGISTANT DAMPERS. ENCLOUSURE SAME GAUGE AND FINISH AS COVERS WHERE INDICATED.

3. PROVIDE DANFOSS CONTROL VALVE W/ UNIT MOUNTED DIAL-CONTROL

4. PROVIDE 2-WAY CONTROL VALVE W/ WALL MOUNTED THERMOSTAT.

5. FTR TO BE CONNECTED TO (E) ALC ANDOVER BMS SYSTEM 

AC UNIT).

2. PROVIDE W/ LOW AMBIENT CONTROL FOR ACCU-1 & 2. 3. INTERLOCK W/ RESPECTIVE AC UNITS FOR OPERATION.

			H	OT	WA	TER	CA	<b>\BI</b>	NET H	EA	TE	R SCHEDUL	.E	(TRA	NE AS STANDARD)
TAG NO.	AREA SERVED	S.A. CFM	O.A. CFM	MBH	HOT WATER	R HEATING	GPM	HP	ELECTRICAL DATA V - PH - HZ	FLA	МОР	MODEL & MANUFACTURER	DIMENSIONS (L x W x H) (IN)	APPROX. UNIT WEIGHT (LBS)	REMARKS
CH-1,2	VESTIBULES	220	-	5.0	180	160	0.5	0.22	208 - 1 - 60	1.8	15	FF MODEL E TRANE	34 x 25 x 10	100	SEE NOTES.
CH-3	CORRIDOR 130	350	50	5.3	180	160	0.5	0.22	208 - 1 - 60	1.9	15	FF MODEL C TRANE	26 x 27 x 10	100	SEE NOTES.
NOTES:		'	•			•				1	•				

PROVIDE W/ HW HEATING COIL, FACTORY INSTALLED DELUXE PIPING PACKAGE OPTION #F W/ 2-WAY MODULATING CONTROL VALVE FOR EACH UNIT.

PROVIDE W/ ECM MOTOR, FILTERS, KEYLOCK PANEL & ACCESS DOOR, & DISCONNECT SWITCH FOR EACH UNIT. B. PROVIDE W/ BOTTOM STAMPED INLET & OUTLET LOUVERS FOR CEILING-HUNG HORIZONTAL UNITS.

4 UNIT COLOR TO BE SELECTED BY OWNER. PROVIDE COLOR CHART. 5. ALL UNITS TO BE CONNECTED TO (E) ALC ANDOVER BMS SYSTEM

4. PROVIDE ONE (1) EXTRA SET OF WASHABLE FILTERS FOR EACH VIII.

5. UNITS TO BE CONNECTED TO (E) ALC ANDOVER BMS SYSSTEM. 

					H	OT V	VATI	ER L	INIT HE	ATER SC	CHEDULE (REZNOR AS STANDARD)	
TAG NO.	LOCATION	CFM	HP		тон у	WATER HEA	ATING		ELECTRICAL DATA	MODEL & MANUFACTUR	JRER REMARKS	
TAG NO.	LOCATION	CFIVI	nr nr	MBH	EWT (°F)	LWT (°F)	GPM	WPD	V - PH - HZ	WODEL & WANGFACTOR	REWARAS	^
UH-1,2	STORAGE 130E/130E	270	0.04	13	180	160	1.3	0.06	115 - 1 - 60	WS-18/24 REZNOF	PROVIDE W/ 4-WAY DIFFUSER, OSHA FAN GUARD, DISCONNECT SWITCH, TRANSFORMER, 2-WAY CONTROL VALVE & HEAVY DUTY THERMOSTAY. CONNECT TO (E) ALC ANDOVER BMS SYSTEM.	<u>Z</u> 1

					PUMP S	CHEDU	LE		
MARK No.	GPM	FT. HD.	HP	RPM	ELECTRIC DATA VOLT - PH - HZ	MODEL & MA	ANUFACTURER	REMARKS	1
P - 1	14.2	15	1/6	3300	115-1-60	SERIES PL PL-45	BELL & GOSSETT	W/ FITTINGS PER SPECIFICATION. CONNECT PUMPS TO (E) ALC ANDOVER BMS SYSTEM	}
P - 2	5.4	12	1/6	3300	115-1-60	SERIES PL PL-36	BELL & GOSSETT	W/ FITTINGS PER SPECIFICATION. CONNECT PUMPS TO (E) ALC ANDOVER BMS SYSTEM	>

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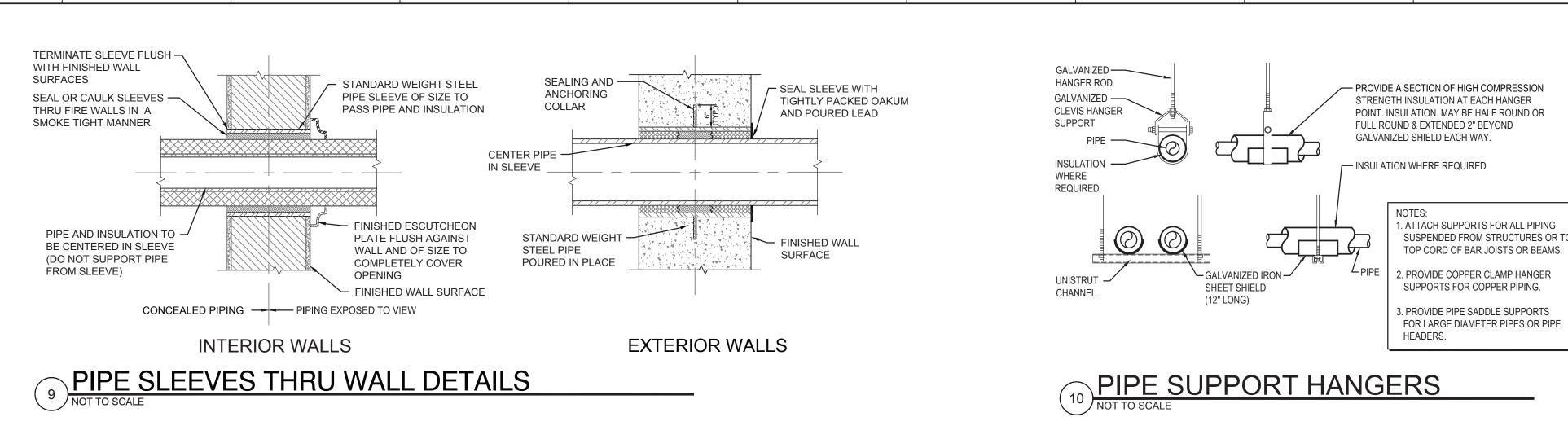
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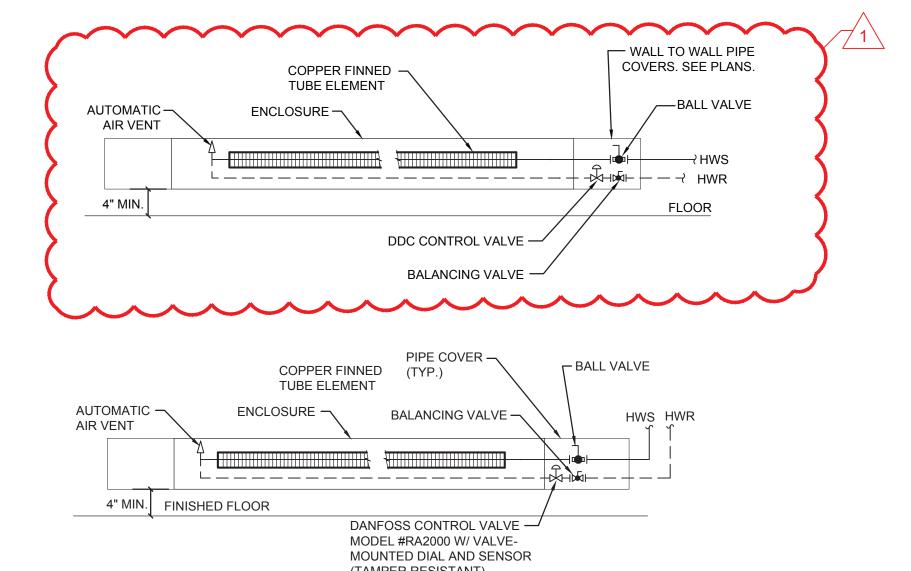
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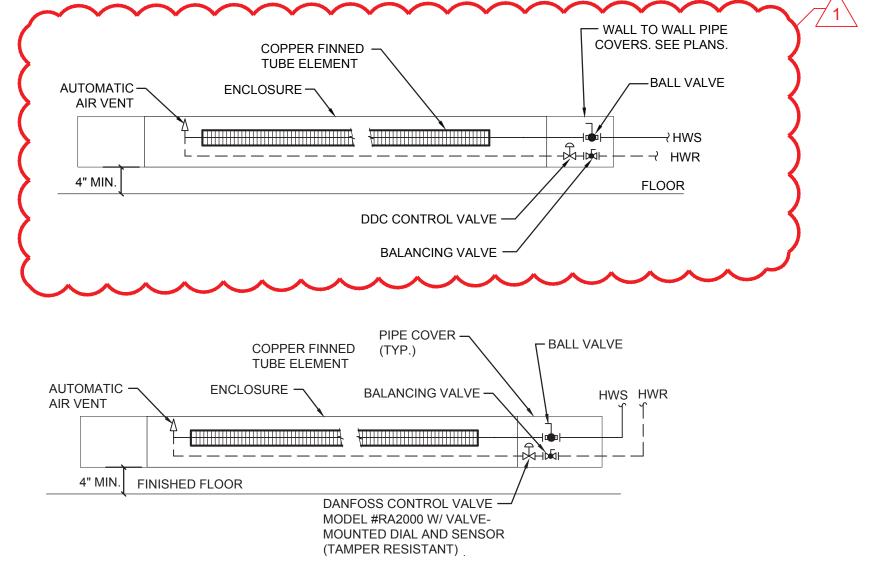
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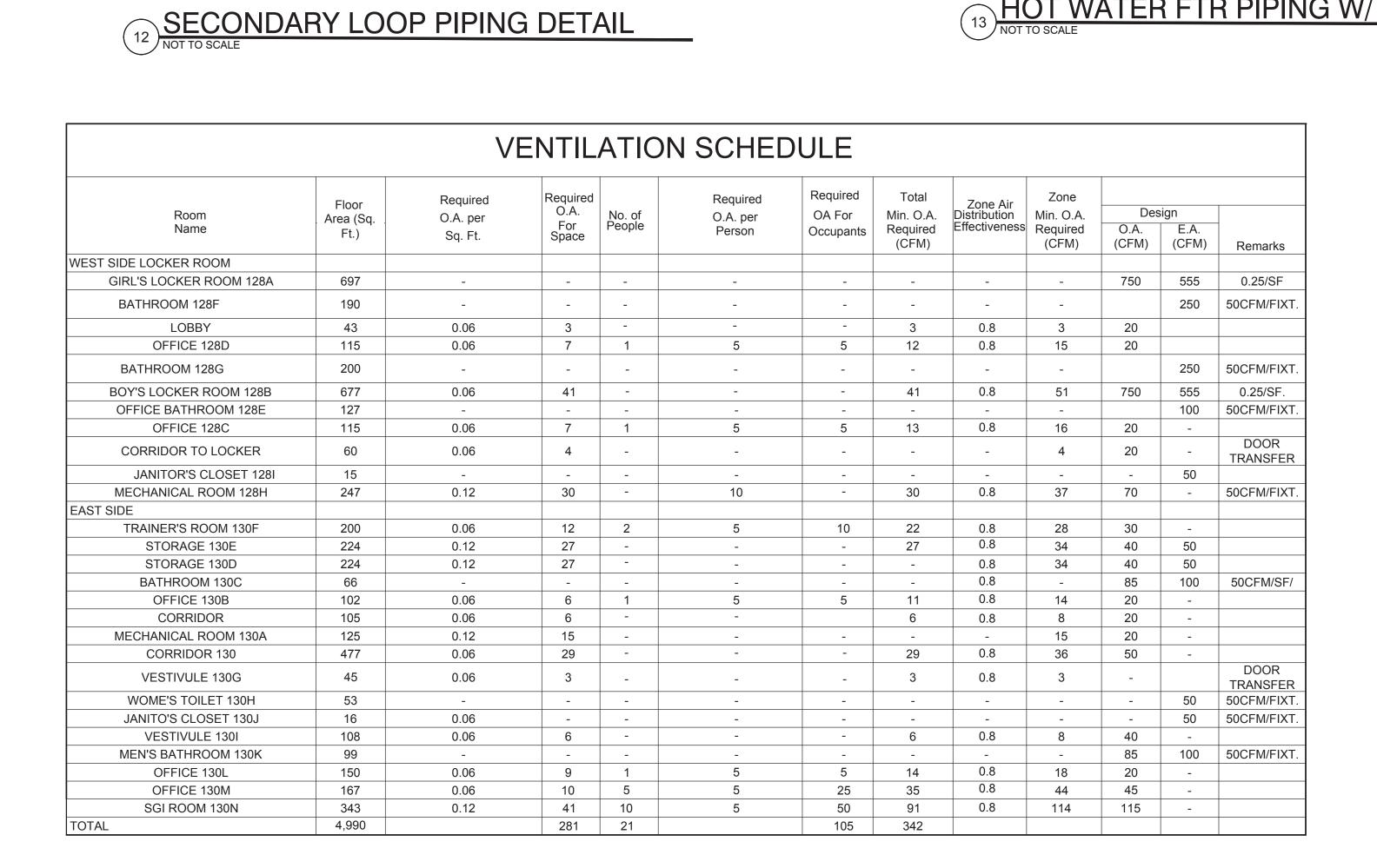




HOT WATER FTR PIPING W/ CONTROL VALVES DETAIL

NOT TO SCALE





NOTES:

3-WAY DDC CONTROL VALVE ——

BALANCING VALVE

STOP VALVE

STRAINER W/ PRESSURE GAUGE

RE: SPECIFICATIONS

MANUAL AIR VENT

WITH PLUG (TYPICAL)

CIRCULATING PUMP

1. INSULATE ALL PIPING, VALVES, FITTINGS AND ACCESSORIES.

- UNION (TYPICAL)

FULL SIZE

BY-PASS LINE

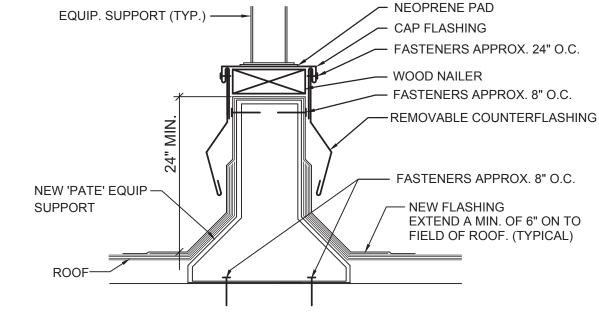
COIL DRAIN WITH HOSE

**END CONNECTION & CAP** 

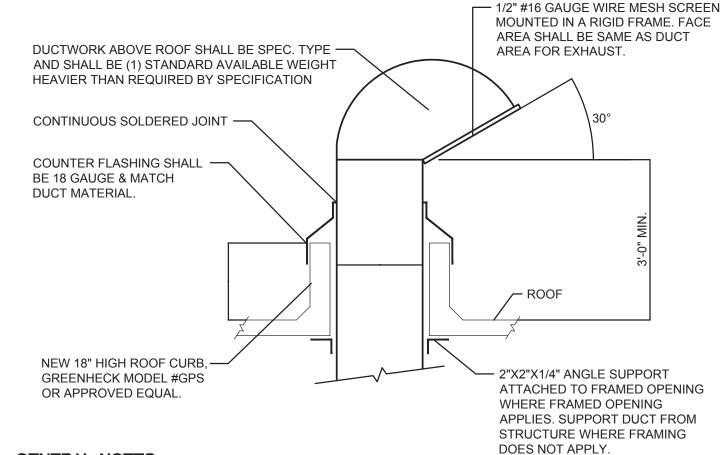
2. INSTALL TEST PLUGS IN EASILY ACCESSIBLE LOCATIONS

WITH MINIMUM OF 12" CLEARANCE IN FRONT.

INSTALL NEW CURB PERPENDICULAR TO STEEL PLATES OF ROOF DECK. PROVIDE CRICKET IN ROOF TO DIVERT ROOF WATER AROUND CURBS



## EQUIPMENT SUPPORT DETAIL



## GENERAL NOTES:

- 1. ALL ROOFING ASSOCIATED WITH MECHANICAL WORK IS TO BE BY MECHANICAL CONTRACTOR. THIS INCLUDES CUTTING OF DECK, BLOCKING, CURBS, SUPPORTS ANGLES AND ROOFING PATCH BACK, FLASHING, ETC. (SEE DRAWING A2.03)
- MECHANICAL CONTRACTOR WILL HIRE A ROOFING SUBCONTRACTOR WHO IS CERTIFIED WITH THE EXISTING ROOF MANUFACTURER IN ORDER TO MAINTAIN THE EXISTING WARRANTY.

## GOSSENECK VENT DETAIL NOT TO SCALE

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1/22/21

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