		1					1	
NOTES:	UNIT .	TO BE F	JRNISHED	W/CONTRO	OL OPTION	K (P	ROPOR ⁻	TIONAL).

LINIT		FAN			FAN M					COOLING COIL					MAX. PRESSURE DROP HEATING COIL (HOT WATER)										MANUFACTURER	VIBRATION	N ISOLATION				
UNIT NO. TYPE	TYPE	AIRFLOW (CFM)	E.S.P. (IN.WG)	SIZE (HP)	MAX. SPEED (RPM)	ELE DA V	CT. TA PH.	TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	WATER FLOW (GPM)	% GLYCOL	EWT (°F)	LWT (°F)	MIN. No. of ROWS	EAT DB(°F)	EAT WB(*F)	LAT DB (°F)	LAT WB (°F)	AIR (IN. H ₂ O)	WATER (FT)	CAPACITY (MBH)	WATER FLOW (GPM)	% GLYCOL	EWT (°F)	LWT (°F)	EAT (°F)	LAT (AS STANDARD)	TYPE	DEFLEC. (IN.)	REMARKS	STARTER TYPE
FCU-1	HORIZONTAL	420	0.25	1/6	1350	120	1	9,700	9,700	1.8	40	44	56	4	75	62.5	56.4	56.2	0.07	1.9	_	1.8	40	140	120	60	120 ENVIRO-TEC HLP-40	-	_	234	INTEGRAL
FCU-2	VERTICAL CONCEALED	525	0.10	2@1/6	1350	120	1	11,700	11,000	2.1	40	44	56	4	75	62.5	55.7	55.5	0.12	2.7	-	2.1	40	140	120	60	120 ENVIRO-TEC VFC-50			146	INTEGRAL
FCU-3	VERTICAL CONCEALED	680	0.0	248W		120	1	19,150	14,200	4.1	40	44	56	2	75	62.5	_	_	INTERNAL	10.3	32,800	4.1	40	140	120	70	114 WHALEN WFC-800			34	INTEGRAL
FCU-4	HORIZONTAL	1125	0.25	2@1/6	1350	120	1	12,900	12,900	2.4	40	44	56	4	68	56.5	57.4	52.2	0.18	3.4	_	2.4	40	140	120	60	120 ENVIRO-TEC HLP-60			24	INTEGRAL
FCU-5	VERTICAL CONCEALED	450	0.10	1/6	1350	120	1	8,700	8,700	1.6	40	44	56	4	75	62.5	57.2	56.5	0.08	1.6	_	1.6	40	140	120	60	120 ENVIRO-TEC VFC-40			134	INTEGRAL

1 CUSTOM ENCLOSURE BY ARCHITECT.

SELECTION BASED ON MEDIUM FAN SPEED.

⑤ PROVIDE VARIABLE SPEED SWITCH WIRED TO HIGH SPEED TAP/LEG FOR INFINITE SPPEED ADJUST.

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2	HI-STATIC	FAN	MOTOR.	

(4) HEATING AND COOLING CAPACITIES ARE MAXIMUM AT CONDITIONS LISTED. REFER TO PLANS FOR INDIVIDUAL FCU CAPACITIES REQUIRED.

6 SELECTION BASED ON LOW FAN SPEED.

FI	N TUB	E RA	DIATI	ON	(F)	ΓR)										
TAG No.	MANUFACTURER and MODEL No.	TYPE	ELEMENTS (QTY.)	TUBE SIZE	TUBE MATERIAL		NS MATERIAL	FINS/FT	ENCLOSURE HEIGHT (IN.)	INSTALLED HEIGHT (IN.)	CAPACITY (BTU/FT)	EWT (°F)	LWT (°F)	FLOW RATE (GPM)	GLYCOL %	REMARKS
FTR-1	VULCAN DS	SLOPE TOP	1	3/4"	CU	4 1/4" SQ	AL	48	18	22	500	140	120	1	40	-
FTR-2	VULCAN BARE ELEMENT	BARE ELEMENT	2-4-¾"C-C	3/4"	CU	4 1/4" SQ	AL	40	2	2	800	140	120	1	40	3
FTR-3	VULCAN DS	SLOPE TOP	2-12°C-C	3/4"	CU	4 1/4" SQ	AL	48	24"	28"	750	140	120	1	40	

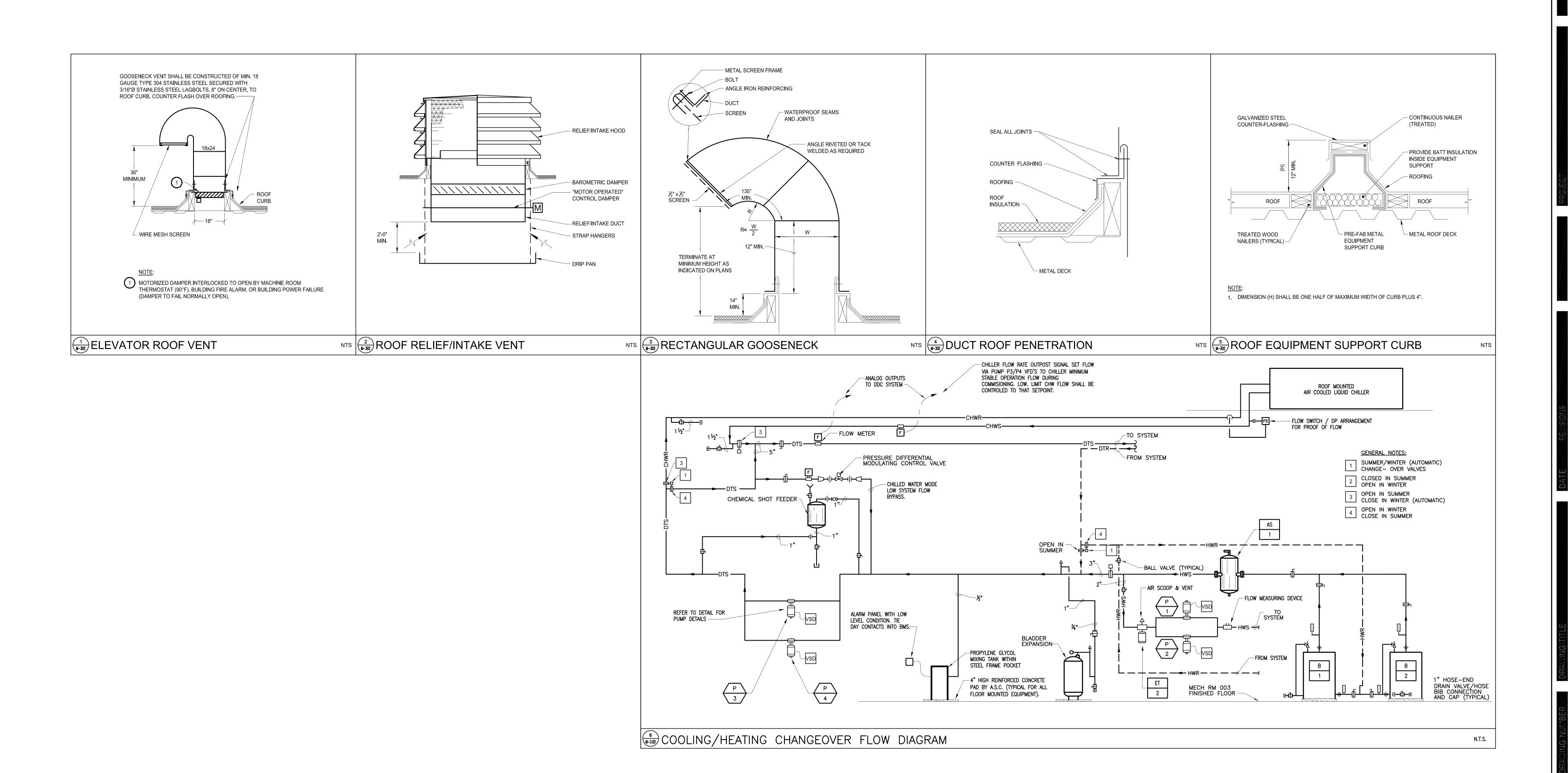
NOTES: 1 FLOW RATE BASED ON 0.10 GPM/930 BTUH. SEE PLANS. ACTUAL FLOW RATE NOT LESS THAN 0.5 GPM FOR ANY ROOM AND TO ASSURE 0.3 FPS (MINIMUM) VELOCITY IN 3/4" TUBE.

3 PROVIDE FLOOR MOUNTED STEEL SUPPORT.

2 CUSTOM ENCLOSURE BY ASC. SEE ARCH PLANS.

UNI	t heate	ER-CA	BINE	T (UN	IT	HE	ATE	ER	H(TC	WA	ΓER	? (UH	/CUH)				
UNIT LOCATION TYPE	TYPE	CAPACITY OUTPUT	AIR- FLOW	AIR EAT	LAT	MO HP	TOR RPM	ELEC.	DATA PH.	WATER	WA GLYCOL	TER EWT	LWT	P.D.	MANUFACTURER MODEL NUMBER	TYPE DEFLEC. (IN.)		REMARKS	START TYP	
	MENT DA (DOZ)	HODIZONEN	(MBH)	(CFM)	(°F)	LAT (°F)				1 11.	(GPM)	%	(°F)	(°F)	(FT)	(AS STANDARD) VULCAN	1			
UH-1 UH-2	MECH. RM (B07) PENTHOUSE (R02)	HORIZONTAL	27.4 50.2	1,100 2,000	60	83.1 83.3	1/20	_	120 120	1	5.3 9.6	40 40	140	120	0.23	HV-72 VULCAN	_	_	1	INTEGRA
CUH-1	ENTRY VEST (G11)	VERTICAL	17.4	345	60	107	1/10	_	120	1	2.5	40	140	120	0.41	HV−132 VULCAN RWI−1130	_	_	2 RECESSED, INVERTED	INTEGRA
CUH-2	STAIR-02 (ST-02)	VERTICAL	17.4	345	60	107	1/10	_	120	1	2.5	40	140	120	0.41	VULCAN RWI-1130			2 RECESSED, INVERTED	INTEGR

NOTES: 1 SELECTION BASED ON 40% PROPYLENE GLYCOL. 2 SELECTION BASED ON LOW FAN SPEED.



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CP 227a02CP (from files received on 07/11/07)
B — Roof (from files received on 07/09/07)
(from files received on 07/05/07)

ARCHITECTURAL FILES WERE UPDATED ON 07/18/07 227aRoof (from files received on 07/18/07)
ARCHITECTURAL FILES WERE UPDATED ON 07/18/07 227aRoof (from files received on 07/18/07)
ARCHITECTURAL FILES WERE UPDATED ON 07/11/07 227a01CP 227a02CP (from files received on 07/0 ARCHITECTURAL FILES WERE UPDATED ON 07/09/07 227a00B — Roof (from files received on 07/0 ARCHITECTURAL FILES WERE UPDATED ON 07/05/07 227a1B (from files received on 07/05/07)
ARCHITECTURAL FILES WERE UPDATED ON 07/05/07 227a1B (from files received on 06/27/07)

DIAGRAN

M3.02

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