

Norwalk Building 43

Norwalk, California

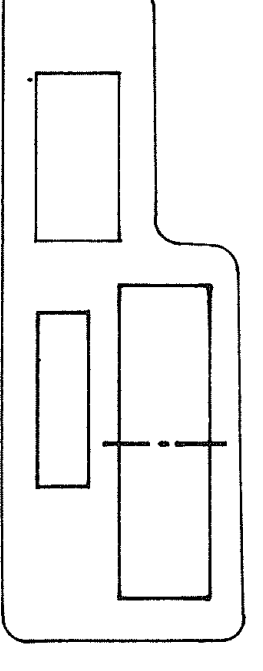
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Approved for the Owner By _____
Approved for the Architect By _____
Drawn By _____ Job Number _____
Checked By _____ Date _____

Revisions
No. Revision Indicated Date
1 35000 F002 STD 10/19/81
2 325000000 9/18/82
3 ADDENDUM # 113 4/22/83

BECHTEL
JOB NO. 845-0880
ME 12458
No. 12458
Date 12/1/81
12/1/81



SCHEDULE SHEET NO.2

SCALE: NONE

HVAC-19

SELF CONTAINED A.C. UNIT

S.C. UNIT No.	LOCATION & SERVICE	FAN SECTION			COOLING COILS			FILTERS		COMPRESSOR	CONDENSER		VOLTAGE	MODEL No.	REMARKS
		EXT. SP. IN H ₂ O	MOTOR HP	No. OF FAN	BTU/HR. SENSIBLE HEAT	No. OF COILS	ENT. AIR °F	W.B. °F	% EFF.		C.P.M. WATER °F	ENT. WORKING PRESS. PSI	F.O. PSI		
SC-1 TO SC-3	SWMT. SWITCH GEAR ROOM	3	3	2	94,000	4	80	67	36.5	P-42	54	55	14.0	450	UPRIST W/REAR REF. E TOP 2 IN MIN.
SC-1 & SC-2	SWMT. SWITCH	12000	1.50	2	252,000	3/3, 200	2	80	67	45.0%	50.3	55	14.0	450	UPRIST W/REAR REF. E TOP 2 IN MIN.

VARIABLE VOLUME BOXES

CFM RANGE	UNIT SIZE NO.	INLET DIA. INCH	MIN. LENGTH INCH	MODEL No.
100 - 1200	4	10.5	13.0	7105 SERIES
201 - 300	5	5		EV - 3000
301 - 400	6	6		
401 - 550	7	7	12.10	
551 - 750	8	8		
751 - 900	9	9	14.12	10.0"
901 - 1200	10	10		
1201 - 1750	12	12	16.15	
1751 - 2400	14	14	20.17	

CONSTANT VOLUME REGULATORS (mmas 51)

C.V.R. MODEL No.	LOCATION	C.V.R. SIZE MAX CFM	NO. REQD.	MIN. FEET OF ACUSTIC LINING DOWNSTREAM OF C.V.R.
ESV-2000	SEE PLANS	4	200	SEE PLANS 13.10
		5	300	
		6	400	
		7	500	
		8	550	
		9	700	
		10	900	
		12	1000	10.0"
		14	2800	

PUMPS

PUMP LOCATION	SERVICE	(WEINMAN AS STANDARD)			MOTOR	PUMP TYPE & SIZE	MAXIMUM OPERATING H ₂ O TEMPERATURE °F			TYPE OF SEAL	REMARKS	VIBRATION ISOLATION SPEC. SPIN DEL. (NO)
		CFM	TOTAL TRAP SIZE W.D. x L. FEET	SEC. PRESS. TYPE			MIN. °F	MAX. °F	MAX. °F			
P-10 REF. PLAUT	CHILLED WATER	1100	125	80	.83	41/8	50	1750	511-181	90	175	22.3
P-11 REF. PLAUT	CUMULUS WATER	1250	120	60	.75	641	75	1750	641-182	100	175	22.3
P-12 REF. PLAUT	FUEL OIL	30	140	—	—	1.4	3/4	1150	313A-104	55	125	18.5
P-13 REF. PLAUT	TELUIT COLD WATER	300	125	50	.75	12.9	20	1750	313A-101	100	175	22.3

SOUND TRAPS

ST No. OR TYPE	LOCATION	SERVICE	CFM	TOTAL TRAP SIZE W.D. x L. FEET	SEC. PRESS. TYPE	Q. NO. OF TRAPS	REMARKS
ST-1	DRY EXHAUST CORN	SUPPLY FAN SUCTON	16,800	5 x 6 x 5	B	10	2
ST-2		SUPPLY FAN SUCTON	16,800	4 x 3 x 5	B	10	2
ST-3		RETURN FAN SUCTON	11,000	4 x 3 x 5	B	10	2
ST-4		RETURN FAN SUCTON	11,000	4 x 3 x 5	B	10	2
ST-5	DRY EXHAUST CORN	SUPPLY FAN SUCTON	27,000	5 x 4 x 5	B	10	2
ST-6		RETURN FAN SUCTON	24,000	4 x 4 x 5	B	15	2
ST-7		SUPPLY FAN SUCTON	26,500	5 x 4 x 5	B	10	2
ST-8	DRY EXHAUST CORN	SUPPLY FAN SUCTON	26,500	5 x 4 x 5	B	10	2
ST-9		SUCTON	22,500	4 x 4 x 5	B	11	10
ST-10		SUCTON	22,500	4 x 4 x 5	B	11	10
ST-11		SUCTON	22,500	4 x 4 x 5	B	11	10
ST-12		SUCTON	22,500	4 x 4 x 5	B	11	10
ST-13	DRY EXHAUST CORN	SUPPLY FAN SUCTON	29,500	5 x 4 x 5	B	10	2
ST-14		SUCTON	29,500	5 x 4 x 5	B	10	2
ST-15		SUCTON	29,500	5 x 4 x 5	B	10	2
ST-16		SUCTON	29,500	5 x 4 x 5	B	10	2
ST-17	DRY EXHAUST CORN	SUPPLY FAN SUCTON	29,500	5 x 4 x 5	B	10	2
ST-18		SUCTON	29,500	5 x 4 x 5	B	10	2
ST-19		SUCTON	29,500	5 x 4 x 5	B	10	2
ST-20		SUCTON	29,500	5 x 4 x 5	B	10	2
ST-21	DRY EXHAUST CORN	SUPPLY FAN SUCTON	29,500	5 x 4 x 5	B	10	2
ST-22		SUCTON	29,500	5 x 4 x 5	B	10	2
ST-23	DRY EXHAUST CORN	SUPPLY FAN SUCTON	29,500	5 x 4 x 5	B	10	2
ST-24		SUCTON	29,500	5 x 4 x 5	B	10	2

COOLING TOWER FILTER

No.	LOCATION	SERVICE	SPM	IN. IN.	HP	VOLT	PHASE	MODEL No.	MEDIA
CTF-1	WEST HOUSE	COOLING TOWER	65	30"	1 1/2	460	3	WMP-30-A	SAND
CTF-2			65	30"	1 1/2	460	3	WMP-30-A	