SPLIT SYSTEM DX OUTDOOR UNITS

TAG	DX COOLING DATA			DX HEATING DATA			OUTDOOR FAN DATA		COMPRESSOR DATA			UNIT ELECTRICAL DATA					UNIT DIMENSIONS				MANUFACTURER	MODEL
	CAPACITY BTU/HR.	AMBIENT TEMP. DEG. F	EER @ ARI	CAPACITY BTU/HR.	COND. DEG. F	COP @ ARI	NO.	H.P. (EA)	NO.	RLA (EA.)	LRA (EA.)	# CONN	MCA	MOCP (FUSE)	VOLT	PH	INCHES L	INCHES W	INCHES H	MAX. WEIGHT LBS		
HTP-24101	182,000	115	10.9	106,000	34	2.2	2	0.5	2	13.2	94.9	1	32.9	45.0	460	3	88	34	39	740	TRANE	TTA180
ACCU-24102	148,000	115	11.0	NA	NA	NA	1	1.0	2	11.3	75.0	1	28.1	35.0	460	3	51	38	39	427	TRANE	TTA150

VARIABLE AIR VOLUME TERMINAL UNITS

TAG	ROOM NUMBER	LOCATION	VAV UNIT TYPE	PRIMARY AIR DATA						ELECTRIC HEATING COIL DATA				UNIT ELECTRICAL DATA			WEIGHT	MANUFACTURER	MODEL NO.	APPLICABLE REMARKS
				COOLING		HEATING	SUPPLY	UNIT	INLET	AIR SIDE				NO.	VOLT	PH				
				MAXIMUM CFM	MINIMUM CFM	MINIMUM CFM	TEMP. DEG. F	DELTA P IN. WG.	SIZE IN. DIA.	HEATING CAPACITY kW	COIL EAT DEG. F	COIL LAT DEG F	CONTROL TYPE	OF CONN.			LBS			
VAV-24101	10108	HALL / RECEPTION	SINGLE DUCT	860	260	380	55	0.1	8	5	55	96.41	SINGLE STAGE	1	460	3	38	TRANE	VCEF08	A,B,C,D,E
VAV-24102	10102	CONTROL ROOM	SINGLE DUCT	1080	320	330	55	0.03	10	4.5	55	97.92	SINGLE STAGE	1	460	3	46	TRANE	VCEF10	A,B,C,D,E
VAV-24103	10103	CONFERENCE ROOM	SINGLE DUCT	660	230	230	55	0.06	8	2.5	55	89.21	SINGLE STAGE	1	460	3	38	TRANE	VCEF08	A,B,C,D,E
VAV-24104	10105	OFFICE	SINGLE DUCT	180	60	108	55	0.01	4	1	55	84.14	SINGLE STAGE	1	460	3	38	TRANE	VCEF04	A,B,C,D,E
VAV-24105	10106	BREAKROOM	SINGLE DUCT	440	180	210	55	0.18	6	2.5	55	92.47	SINGLE STAGE	1	460	3	38	TRANE	VCEF06	A,B,C,D,E
VAV-24106	10111	SAMPLE RECEIVING ROOM	SINGLE DUCT	500	150	150	55	0.23	6	1	55	75.89	SINGLE STAGE	1	460	3	38	TRANE	VCEF06	A,B,C,D,E
VAV-24107	10110	COMMUNICATIONS ROOM	SINGLE DUCT	1480	440	NA	55	0.01	12	NONE	NA	NA		1			27	TRANE	VCCF12	A,B

REMARKS:
- A: PROVIDE 1/2" MATTE FACED INSULATION
- B: PROVIDE DIRECT DIGITAL CONTROL
- C: PROVIDE DISCONNECT SWITCH
- D: PROVIDE POWER FUSE
- E: PROVIDE MAGNETIC CONTACTORS

WALL MOUNT AIR CONDITIONER

SYMBOL	LOCATION	INDOOR FAN DATA						DX COOLING DATA					COMPRESSOR DATA						CONDENSER FAN DATA					UNIT ELECTRICAL DATA					UNIT DIMENSIONS				MANUFACTURER	MODEL	REMARKS
		SUPPLY AIR CFM	OUTSIDE AIR CFM	EXTERNAL STATIC P IN W.G.	HP	VOLT	PH	TOTAL BTU/H	SENS. BTU/H	EAT DEG. F DB	EAT DEG. F WB	AMBIENT TEMP. DEG. F	NO.	STEPS	RLA (EA)	LRA (EA)	VOLT	PH	NO.	H.P. (EA)	VOLT	PH	CFM (TOTAL)	#CONN.	MCA	MOCP (FUSE)	VOLT	PH	INCHES H	INCHES W	INCHES D	MAX WEIGHT LBS			
AC-24101	FWPS ELECTRICAL ROOM	1,850	35	0.2	1/2	230	1	57,000	45,600	80	67	95	1	1	7.4	49.5	460	3	1	1/3	230	1	2,800	1	13.3	20	460	3	86	45	23	565	MARVAIR	AVP60ACD	B,C,D,E,F,G,H,I

REMARKS:
- A: FACTORY INSTALLED DISCONNECT
- B: DARK BRONZE FINISH
- C: EXTREME DUTY PACKAGE
- D: FACTORY INSTALLED ECONOMIZER
- E: ECONOMIZER DAMPER CONTROL
- F: DIRTY FILTER INDICATOR
- G: 30" X 10" SUPPLY GRILLE
- H: 30" X 16" RETURN GRILLE
- I: DIGITAL THERMOSTAT - SINGLE STAGE

DUCT MOUNTED AIR FILTERS

SYMBOL	AIR DELIVERY DATA		FILTER DATA						HOUSING DATA					MANUFACTURER	MODEL	REMARKS
	AIRFLOW CFM	MAXIMUM FACE VEL. FPM	MERV RATING	TYPE	MATERIAL	DEPTH	RESISTANCE (CLEAN) IN. W.G.	RESISTANCE (FINAL) IN. W.G.	MATERIAL	UNIT DIMENSIONS INCHES L	UNIT DIMENSIONS INCHES W	UNIT DIMENSIONS INCHES H				
AF-1	30,000	375	8	DP40	PLEATED	4"	0.18	1.00	16 GA STEEL	7	120	96		AIRGUARD	FLAT BANK HOUSING	A,B,C,D,E
AF-2	30,000	375	8	DP40	PLEATED	4"	0.18	1.00	16 GA STEEL	7	120	96		AIRGUARD	FLAT BANK HOUSING	A,B,C,D,E
AF-3	5,900	492	8	DP40	PLEATED	4"	0.18	1.00	16 GA STEEL	7	48	36		AIRGUARD	FLAT BANK HOUSING	A,B,C,D,F
AF-4	5,900	492	8	DP40	PLEATED	4"	0.18	1.00	16 GA STEEL	7	36	48		AIRGUARD	FLAT BANK HOUSING	A,B,C,D,F
AF-5	3,400	378	8	DP40	PLEATED	4"	0.18	1.00	16 GA STEEL	7	36	36		AIRGUARD	FLAT BANK HOUSING	A,B,C,D,F
AF-6	4,800	400	8	DP40	PLEATED	4"	0.18	1.00	16 GA STEEL	7	36	48		AIRGUARD	FLAT BANK HOUSING	A,B,C,D,F
AF-7	24,000	500	8	DP40	PLEATED	4"	0.18	1.00	16 GA STEEL	7	96	72		AIRGUARD	FLAT BANK HOUSING	A,B,C,D,F
AF-8	6,500	406	8	DP40	PLEATED	4"	0.18	1.00	16 GA STEEL	7	48	48		AIRGUARD	FLAT BANK HOUSING	A,B,C,D,F
AF-9	6,500	406	8	DP40	PLEATED	4"	0.18	1.00	16 GA STEEL	7	48	48		AIRGUARD	FLAT BANK HOUSING	A,B,C,D,F

REMARKS:
- A: DUCT FLANGE ADAPTORS
- B: INSULATED DOUBLE WALL CABINET CONSTRUCTION
- C: INTEGRAL STATIC PRESSURE TAPS
- D: ACCESS DOORS BOTH SIDES OF HOUSING
- E: SUPPORT LEGS
- F: HANGER BRACKETS

ROOF MOUNTED AIR RELIEF / EXHAUST VENTS

SYMBOL	SERVICE	TYPE	CFM	MAX. DELTA P IN. W.G.	THROAT DIMENSIONS IN. X IN.	MANUFACTURER	MODEL	APPLICABLE REMARKS
RV-1	MECH RM	RELIEF	11,800	0.036	54 X 78	COOK	GR	A,B
RV-2	ADMIN AREA	RELIEF	4,810	0.019	36 X 48	COOK	GR	A,B
RV-3	RESTROOMS	EXHAUST	390	0.038	12.5 DIA	COOK	PR	A,B
RV-4	ELECT RM	RELIEF	6,700	0.031	48 X 54	COOK	GR	A,B
RV-5	SHOP	RELIEF	3,400	0.032	36 X 36	COOK	GR	A,B
RV-6	RO PROCESS	RELIEF	15,000	0.039	54 X 90	COOK	GR	A,B
RV-7	RO PROCESS	RELIEF	15,000	0.039	54 X 90	COOK	GR	A,B
RV-8	RO PROCESS	RELIEF	15,000	0.039	54 X 90	COOK	GR	A,B
RV-9	RO PROCESS	RELIEF	15,000	0.039	54 X 90	COOK	GR	A,B
RV-10	CHEM AREA	EXHAUST	4,800	0.035	36 X 36	COOK	GR	A
RV-11	CHEM AREA	RELIEF	12,000	0.026	54 X 96	COOK	GR	A,B
RV-12	CHEM AREA	RELIEF	12,000	0.026	54 X 96	COOK	GR	A,B

REMARKS:
- A: HINGED BASE
- B: BACKDRAFT DAMPER

REGISTERED PROFESSIONAL ENGINEER CARMEN G. DUNN No. 30654 Exp. 6-30-10 MECHANICAL STATE OF CALIFORNIA

DATE: 10/05/09

SYMBOL	DESCRIPTIONS	DATE	APPROVAL

REVISIONS

EASTERN MUNICIPAL WATER DISTRICT
PERRIS II DESALINATION FACILITY
PERRIS, CALIFORNIA

EQUIPMENT SCHEDULES

DESIGNED BY: K WELP
DRAWN BY: S HOSTETLER
CHECKED BY: B GIFFORD

U.S. ARMY ENGINEER DISTRICT
LOS ANGELES
CORPS OF ENGINEERS

CH2MHILL

SUBMITTED BY:
ART JUNG, P.E.
CHIEF, DESIGN BRANCH

CADD FILE NAME: PDFm603d.dgn
SPEC. NO.: NOT APPLICABLE
L.A. DISTRICT FILE NO. XXX-XXXX

SHEET H-13

NDM-SCO-EMWD USACE PERRIS II/ PDFm603d.dgn PLOT DATE: 2/19/2010 PLOT TIME: 11:05:07 AM