

	MAKEUP AIR UNIT SCHEDULE														
			SA	AIRFLOW	MIN				GAS HEATING	MODULATING	GAS HEATING				
EQUIPMENT	AREA	HEAT/COOL	DISCHARGE	HIGH/LOW	ESP	MOTOR	MCA	MOCP	AIR TEMP	TURNDOWN	CAPACTITY (MBH)	FILTER			
TAG	DESCRIPTION	TYPE	LOCATION	(CFM)	("WC)	ENCLOSURE	(A)	(A)	EAT (F) / LAT (F)	RATIO	INPUT / OUTPUT	TYPE / SIZE / EFFCIENCY	V/PH/HZ	BASIS OF DESIGN	NOTES
MAU-21.810	GRIT DUMP ROOM	NATURAL GAS	TOP	5600/2800	1	TEFC	12.6	15	10 / 70	15:1	422 / 342	MERV 8 / 2 INCH / 35%	480/3/60	ENGINEERED AIR DJS60V	1,2,3,4,5,6,7
MAU-21.820	GRIT WASHROOM	NATURAL GAS	TOP	8000/4000	1	TEFC	16.5	25	10 / 70	15:1	562 / 453	MERV 8 / 2 INCH / 35%	480/3/60	ENGINEERED AIR DJS60V	1,2,3,4,5,6,7

LEGEND:

- 1) REFER TO P&ID SHEETS AND SECTIONS 15763 AND 15936 FOR CONTROL REQUIREMENTS.
- 2) PROVIDE INTEGRAL SMOKE DETECTOR WITH UNIT MOUNTED ON SUPPLY AIR SIDE. SMOKE DETECTOR SHALL BE POWERED BY MAU. REFER TO SECTION 15936.
- 3) SUPPLY FANS TO BE VFD BELT DRIVEN AIRFOIL FANS WITH PILLOW BLOCK BEARINGS.
- 4) UNIT CABINET AND BASE ALL ALUMINUM CONSTRUCTION.
- 5) PROVIDE SINGLE POINT POWER CONNECTION AND NON-FUSED NEMA 4X DISCONNECT SWITCH.
- 6) SIZE UNIT TO ACCOUNT FOR ELEVATION BASED ON SITE CONDITIONS.
- 7) VERTICAL STYLE UNIT WITH SIDE INTAKE AND TOP DISCHARGE

					С	ONDITIONIN	G SCHEDULE									1
			ESP AT		COOLING DATA		HEATING DATA				BASIS					
EQUIPMENT	AREA	AIRFLOW	MAX CFM	ENT AIR	TOTAL/SENSIBLE	LAT	ENT AIR	LAT	TOTAL	ELECTRICAL DATA			LUAI	A	OF	
TAG	DESCRIPTION	(CFM)	("WC)	DB/WB (°F)	CAP (MBH)	(°F)	DB (°F)	(°F)	CAP (MBH)	VOLTS	VOLTS PH HZ MCA MOCP			MOCP	DESIGN	NOTES
AHU-21.880	ELECTRICAL/BATHROOM	1485	0.8	80 / 67	42.0 / 34.0	PER MFG	70	PER MFG	31.4	208	1	60	5.63	-	MITSUBISHI PVA-A42AA7	1, 2, 3, 4, 5, 6, 7
HP-21.880	ELECTRICAL/BATHROOM	-	-	95 / 75	-	-	17	-	-	208	1	60	25	31	MITSUBISHI PUZ-A42NKA7-BS	8,9

LEGEND:

- 1) AIR HANDLING UNIT MOUNTED ON MANUFACTURER FLOOR STAND.
- 2) BOTTOM RETURN CONNECTION.
- 3) TOP SUPPLY DISCHARGE CONNECTION.
- 4) MANUFACTURER PROVIDED WIRED THERMOSTAT FOR SYSTEM CONTROL.
- 5) LOW AMBIENT COOLING.
- 6) PROVIDE MANUFACTURER CONDENSATE LIFT PUMP ACCESSORY.
- 7) DISCONNECT PROVIDED BY ELECTRICAL CONTRACTOR. REFER TO ELECTRICAL SPECIFICATIONS FOR DETAILS.
- 8) HEAT PUMP UNIT GRADE MOUNTED ON EQUIPMENT SLAB.
- 9) PROVIDE CORROSION RESISTANT FINISH ON PANELS AND COIL SUITABLE FOR MARINE ENVIRONMENT.

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SOUTH VALLEY WATER RECLAMATION FACILITY	VERIFY SCAL
PROJECT 5	BAR IS ONE INCH ORIGINAL DRAWII
EQUIPMENT SCHEDULES 1	IF NOT ONE INCH THIS SHEET, ADJU SCALES ACCORDIN

GH-02 SHEET NO. JUST DINGLY 150 OF 159

10548A.10

DRAWING NO.

PROJECT NO. 10548A10 FILE NAME: 10548A10GH02.dgn

	FAN SCHEDULE											
				MIN							BASIS	
EQUIPMENT	AREA	FAN	AIRFLOW	ESP	FAN			MOTOR		DRIVE	OF	
TAG	SERVED	TYPE	(CFM)	(" WC)	RPM	HP	RPM	V/HZ/Ph	ENCLOSURE	TYPE	DESIGN	NOTES
EF-21.870	BATHROOM	TYPE 5	91	0.153	900	N/A	N/A	115 / 60 / 1	ODP	DIRECT	GREENHECK SP-A90	-
EF-21.850	GRIT WASHROOM	TYPE 2	3,000	0.75	1283	1.00	1725	460 / 60 / 3	TEFC	BELT	GREENHECK CUBE-180HP	1,2,3,4,5,6,7,8,9
EF-21.860	GRIT WASHROOM	TYPE 2	3,000	0.75	1283	1.00	1725	460 / 60 / 3	TEFC	BELT	GREENHECK CUBE-180HP	1,2,3,4,5,6,7,8,9
EF-21.830	GRIT DUMPSTER ROOM	TYPE 14	4,300	0.6	1653	1.50	1725	460 / 60 / 3	TEFC	BELT	GREENHECK CWB-180HP	1,2,3,4,5,6,7,8,9
EF-21.840	GRIT DUMPSTER ROOM	TYPE 14	4,300	0.6	1653	1.50	1725	460 / 60 / 3	TEFC	BELT	GREENHECK CWB-180HP	1,2,3,4,5,6,7,8,9

- 1) PROVIDE BIRD SCREEN.
- 2) PROVIDE BACKDRAFT DAMPER, COUNTERBALANCED FOR MINIMUM PRESSURE LOSS.
- 3) PROVIDE ADJUSTABLE BELT SHEAVES.
- 4) PROVIDE VIBRATION ISOLATORS.
- 5) PROVIDE TEFC MOTOR ENCLOSURE.
- 6) ELECTRICAL CONTRACTOR TO PROVIDE NEMA TYPE 4X EXTERIOR DISCONNECT SWITCH.
- 7) PROVIDE 120V CONTROL VOLTAGE TYPE 2 THERMOSTAT AS SPECIFIED IN SECTION 15936.
- 8) REFER TO P&ID SHEETS AND SECTION 15936 FOR FAN CONTROLS.
- 9) FAN SHALL BE VFD DRIVEN. VFD SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. REFER TO SPECIFICATION SECTION 16262.

	FOUL AIR FAN SCHEDULE														
				ESP AT											
EQUIPMENT	AREA	FAN	AIRFLOW	MAX CFM	FAN	FAN	FAN DIAM			MOTOR			DRIVE		
TAG	SERVED	TYPE	(CFM)	(" WC)	RPM	BHP	(INCHES)	HP	RPM	V/PH/HZ	ENCLOSURE	SONES	TYPE	BASIS OF DESIGN	NOTES
FAB-21.500	GRIT HANDLING FACILITY	FRP FUME EXHAUSTER	3,000	14	3258	9.29	18.00	15	1725	460/3/60	TEFC	37	BELT	NYB FE 182 HP	1,2,3,4,5

LEGEND:

- 1) PROVIDE FLEXIBLE CONNECTION (FL-3) AT FAN INLET AND OUTLET.
- 2) FAN MOUNTED ON MANUFACTURER SPRING VIBRATION ISOLATOR RAILS.
- 3) PROVIDE TEFC MOTOR ENCLOSURE AND WIRING SUITABLE FOR NEC CLASS 1, DIV. 2 RATED SPACE.
- 4) FAN SHALL BE VFD DRIVEN. VFD SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. REFER TO SPECIFICATION SECTION 16262.
- 5) DISCONNECT PROVIDED BY ELECTRICAL CONTRACTOR. REFER TO ELECTRICAL SPECIFICATIONS.

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Ccarollo®

South Valley
WATER RECLAMATION FACILITY
7495 South 1300 West West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION FACILITY
PROJECT 5
EQUIPMENT SCHEDULES 2

VERIFY SCALES 10548A.10 DRAWING NO. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

GH-03 SHEET NO.

PROJECT NO. 10548A10 FILE NAME: 10548A10GH03.dgn















