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### AIR DISTRIBUTION SCHEDULE

MARK	MANUFACTURER	MODEL	TYPE	FACE SIZE	NECK SIZE	FINISH	MOUNTING	NOTES
A	TITUS	TMS	SUPPLY	24x24	10" DIA.	ALUMINUM	LAY-IN	
B	TITUS	TMS	SUPPLY	12x12	6" DIA.	ALUMINUM	SURFACE	
C	TITUS	DL	SUPPLY	9x6	9x6	ALUMINUM	DUCT	
D	TITUS	50F	RETURN	24x24	24x24	ALUMINUM	LAY-IN	
E	TITUS	350R	RETURN	16x16	16x16	ALUMINUM	WALL - SURFACE	

### ELECTRIC HEATER SCHEDULE

MARK	MANUFACTURER	MODEL	CONFIGURATION	DUCT SIZE		CFM	HEATING SECTION		ELECTRICAL		UNIT WT (LBS)	NOTES
				WIDTH	HEIGHT		CAPACITY (KW)	STAGES	VOLTS/HZ/PH	FLA		
UH-1	QMARK	GFR1500T2	WALL MOUNT	17	7.75	45	0.375	1	120/1/60	3.1	11	(1)

NOTES:  
(1) INCLUDE BUILT-IN THERMOSTAT

### GAS UNIT HEATER SCHEDULE

MARK	MANUFACTURER	MODEL	HEATING INPUT MBH	EFFICIENCY	THERMAL OUTPUT MBH	AIR CFM	VENT DIA.	GAS CONN.	MOTOR HP	FLA	VOLT/PHASE	APPROX. WEIGHT	NOTES
UH-2	REZNOR	B	25	80%	15.2	410	4"	1/2"	1/6	2.9	120 / 1	193 LBS.	(1)(2)

NOTES:  
(1) PROVIDE 24 V THERMOSTAT.  
(2) NATURAL GAS

### LOUVER SCHEDULE

MARK	MANUFACTURER	MODEL	AIRFLOW (CFM)	MAX. A.P.D. (InWC)	SIZE (W"xH")	MIN. FREE AREA (SQ. FT.)	TYPE	MATERIAL	SERVICE	NOTES
L-1	RUSKIN	L375D	140	0.06	12x12	0.4	STATIONARY	ALUMINUM	OUTSIDE AIR	(1)

NOTES:  
(1) PROVIDE FACTORY PRIME. PAINT TO MATCH ADJACENT SURFACE.

### FAN SCHEDULE

MARK	MANUFACTURER	MODEL	CFM	E.S.P. (In WC)	MOTOR HP / RPM	FAN RPM	VOLT/PHASE	DRIVE	AREA SERVED	WEIGHT (LBS.)	TYPE	NOTES
EF-1	PENN-BARRY	ZEPHYR ZT	50	0.125"	48 W	1200	120/1	DIRECT	TOILET		CEILING MOUNT	(1)(2)

NOTES:  
(1) PROVIDE SOLID STATE SPEED CONTROL.  
(2) INTERLOCK FAN OPERATION WITH LIGHT.

### SPLIT SYSTEM SCHEDULE

FURNACE UNIT MARK		F-1
GENERAL DATA		
	ELEVATION (FT)	5420
	ROOMS SERVED	ELECTRICAL ROOM
	TYPE	UPFLOW
	TRANE MODEL NO.	TUX2B080A9422A
SUPPLY FAN DATA		
	AIRFLOW ACFM	1200
	F.L. AMPS	15.0
COOLING COIL DATA		
	TRANE MODEL NO.	4TXCC037BC3HCA
	COOLING CAPACITY, BTUH	37,000
	REFRIGERANT	R-410A
	REFRIGERANT CHARGE, LBS	
UNIT DATA		
	WIDTH, INCHES	17.5
	LENGTH, INCHES	28
	HEIGHT, INCHES	40
	WEIGHT, LBS.	170
NOTES:		(1)(3)(4)
CONDENSING UNIT MARK		CU-1
GENERAL DATA		
	TYPE	AIR-COOLED
	TRANE MODEL NO.	4TTR5036E1000A
	COOLING CAPACITY, BTUH	36,000
	AMBIENT AIR TEMPERATURE, °F	95
	SEER	15
ELECTRICAL DATA		
	VOLTS / PHASE	208 / 1
	MCA	19
	MOCP	30
UNIT DATA		
	WIDTH, INCHES	37
	LENGTH, INCHES	34
	HEIGHT, INCHES	37
	WEIGHT, LBS.	228
NOTES:		(2)(5)

NOTES:  
(1) COIL HEIGHT IS 22.6 INCHES.  
(2) PROVIDE 6" CONCRETE HOUSEKEEPING PAD.  
(3) PROVIDE WIRED THERMOSTAT/CONTROLLER TRANE MODEL PCONT900A.  
(4) ROUTE CONDENSATE TO FLOOR DRAIN. REFER TO FLOOR PLAN.  
(5) REFER TO MANUFACTURER INSTALLATION MANUAL FOR MINIMUM DISTANCE TO LOCATE FROM WALL.

REVISIONS		
NO.	DATE	DESCRIPTION
1	10/28/2011	ISSUED FOR DESIGN TEAM MEETING
2	11/11/2011	ISSUED FOR REVIEW
3	11/23/2011	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (EQUIP. MAINT. & STOR. BLDG.)
4	01/09/2012	ISSUED FOR CONSTRUCTION PER PPRBD BUILDING PERMIT #H3002 (EQUIP. MAINT. & STG. BLDG.)

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MECHANICAL SCHEDULES		
HAROLD D. THOMPSON REGIONAL WATER RECLAMATION FACILITY LOWER FOUNTAIN METROPOLITAN SEWAGE DISPOSAL DISTRICT		
DRAWN _____ DRS DESIGNED _____ DRS CHECKED _____ CF DATE _____ NOV 2011 PROJECT NO. _____ 20166.415 GMS FILE NO. _____ 2599	GMS, INC. CONSULTING ENGINEERS 611 N. WEBER, SUITE 300 COLORADO SPRINGS, COLORADO 80903	SHEET <b>MEM-2</b> OF —