FAN SCHEDULE

MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	AIR FLOW		TSP		FAN										MOTOR ELECTRICAL						CONTROL SEQUENCE	REMARKS
				CFM	[L/s]	IN	[Pa]	TYPE	WHEEL	CLASS	ARRANGEMENT, ROTATION, AND DISCHARGE	DIAMETER IN	DIAMETER [mm]	MIN % EFF	DRIVE	FAN MAX RPM	NOMINAL POWER BHP	NOMINAL POWER HP	NOMINAL POWER [kW]	PHASE	VOLT	RPM	SPEED CONTROL		
1-SF1	MECH RM 178	AREA A	1-AHU1	6120	[2890]	4.1	[1100]	DOUBLE WIDTH DOUBLE INLET	AF	2	ARR 3, CW ROTATION, VERT DISCHARGE	16	[400]	65%	BELT	2861	6.02	7.5	[6]	3	208	1750	VARIABLE		---
1-SF2	MECH RM 149	AREA B	1-AHU2	7210	[3400]	4	[1000]	DOUBLE WIDTH DOUBLE INLET	AF	2	ARR 3, CW ROTATION, VERT DISCHARGE	16	[400]	80%	BELT	2884	7.56	10	[8]	3	208	1750	VARIABLE		---
1-SF3	MECH RM 146	AREA C	1-AHU3	4810	[2260]	4.2	[1100]	DOUBLE WIDTH DOUBLE INLET	AF	2	ARR 3, CW ROTATION, VERT DISCHARGE	15	[380]	82%	BELT	2846	5.13	7.5	[6]	3	208	1750	VARIABLE		---
1-SF1	MECH RM 178	AREA A	1-AHU1	4150	[2310]	1.5	[380]	DOUBLE WIDTH DOUBLE INLET	AF	1	ARR 3, CW ROTATION, VERT DISCHARGE	16	[400]	57%	BELT	1784	1.81	3	[2]	3	208	1750	VARIABLE		---
1-SF2	MECH RM 149	AREA B	1-AHU2	6385	[3300]	1.5	[380]	DOUBLE WIDTH DOUBLE INLET	AF	1	ARR 3, CW ROTATION, VERT DISCHARGE	20	[500]	59%	BELT	1384	2.72	5	[4]	3	208	1750	VARIABLE		---
1-SF3	MECH RM 146	AREA C	1-AHU3	4140	[2300]	1.5	[380]	DOUBLE WIDTH DOUBLE INLET	AF	1	ARR 3, CW ROTATION, VERT DISCHARGE	16	[400]	57%	BELT	1779	1.8	3	[2]	3	208	1750	VARIABLE		---
1-EF1	ROOF	AREA A	TOILET EXHAUST	1970	[930]	0.5	[130]	DOWNBLAST CENTRIFUGAL	BI	1	N/A	13.5	[340]	39%	BELT	1489	0.47	0.5	[ ]	1	115	1750	CONSTANT	PROVIDE BACKDRAFT DAMPER, ROOF CURB, & DISCONNECT.	
1-EF2	ROOF	AREA B	LAUNDRY EXHAUST	380	[170]	0.25	[63]	DOWNBLAST CENTRIFUGAL	BI	1	N/A	10	[250]	24%	BELT	1126	0.07	0.167	[ ]	1	115	1750	CONSTANT	PROVIDE BACKDRAFT DAMPER, ROOF CURB, & DISCONNECT.	
1-EF3	ROOF	AREA B	TOILET EXHAUST	625	[300]	0.5	[130]	DOWNBLAST CENTRIFUGAL	BI	1	N/A	10	[250]	39%	BELT	1782	0.2	0.25	[ ]	1	115	1750	CONSTANT	PROVIDE BACKDRAFT DAMPER, ROOF CURB, & DISCONNECT.	
1-EF4	ROOF	AREA C	TOILET EXHAUST	670	[320]	0.5	[130]	DOWNBLAST CENTRIFUGAL	BI	1	N/A	10	[250]	39%	BELT	1782	0.14	0.17	[ ]	1	115	1750	CONSTANT	PROVIDE BACKDRAFT DAMPER, ROOF CURB, & DISCONNECT.	
1-EF5	ROOF	AREA B	1-HD1	750	[360]	0.75	[190]	UPBLAST CENTRIFUGAL	BI	1	N/A	12	[300]	-	BELT	1531	-	0.25	[ ]	1	115	1750	CONSTANT	PROVIDE HINGED TOP, VENTED ROOF CURB, GREASE BOX, & DISCONNECT. ULI LISTED FAN.	
1-EF6	ROOF	AREA B	1-HD2	750	[360]	0.75	[190]	UPBLAST CENTRIFUGAL	BI	1	N/A	12	[300]	-	BELT	1531	-	0.25	[ ]	1	115	1750	CONSTANT	PROVIDE HINGED TOP, VENTED ROOF CURB, GREASE BOX, & DISCONNECT. ULI LISTED FAN.	
1-SF4	ROOF	AREA B	1-HD1	600	[280]	0.25	[63]	DOUBLE WIDTH DOUBLE INLET	FC	1	VERT DISCHARGE	7	[180]	-	BELT	1654	-	0.25	[ ]	1	115	1750	CONSTANT	PROVIDE ROOF CURB & DISCONNECT.	
1-SF5	ROOF	AREA B	1-HD2	600	[280]	0.25	[63]	DOUBLE WIDTH DOUBLE INLET	FC	1	VERT DISCHARGE	7	[180]	-	BELT	1654	-	0.25	[ ]	1	115	1750	CONSTANT	PROVIDE ROOF CURB & DISCONNECT.	

NOTE
ALL SELECTIONS ARE BASED ON AN ALTITUDE OF 1,260 FT.

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TAGGART ARCHITECTS

FAN SCHEDULE

Renovate Leroy Pond Army Reserve Center for Mental Health Residential Rehabilitation Treatment/ Police Training

Owner

DATE
10/12/15

PROJECT NUMBER
564-341

ADD-M2