

Condensing Unit #	M/N	COOLING CAPACITY	POWER SUPPLY	AMPS	MOP	Room #	Cooling Load	INDOOR UNIT	CAPACITY	SENSIBLE	PIPE SIZE	Total Est Length (must be less than 83' for each run and total of less than 231')	
CU-1	4MXS36NMVJU	38000	208-230/60/1	17.5	20	401	8640	FCU-1-401	FTXS12LVJU	12000	9250	1/4 3/8	67
						502	4800	FCU-1-502	FTXS09LVJU	90000	8100	1/4 3/8	57
						601	8640	FCU-1-601	FTXS12LVJU	12000	9250	1/4 3/8	45
						702	5053	FCU-1-702	FTXS09LVJU	90000	8100	1/4 3/8	22
CU-2	4MXS36NMVJU	38000	208-230/60/1	17.5	20	402	4800	FCU-2-402	FTXS09LVJU	90000	8100	1/4 3/8	71
						501	8640	FCU-2-501	FTXS12LVJU	12000	9250	1/4 3/8	59
						602	4800	FCU-2-602	FTXS09LVJU	90000	8100	1/4 3/8	43
						701	10400	FCU-2-701	FTXS12LVJU	12000	9250	1/4 3/8	39
CU-3	4MXS36NMVJU	38000	208-230/60/1	17.5	20	403	5888	FCU-3-403	FTXS09LVJU	90000	8100	1/4 3/8	70
						503	5888	FCU-3-503	FTXS09LVJU	90000	8100	1/4 3/8	56
						603	5888	FCU-3-603	FTXS09LVJU	90000	8100	1/4 3/8	42
						704	11158	FCU-3-704	FTXS12LVJU	12000	9250	1/4 3/8	34
CU-4	4MXS36NMVJU	38000	208-230/60/1	17.5	20	404	9086	FCU-4-403	FTXS12LVJU	12000	9250	1/4 3/8	67
						504	9086	FCU-4-504	FTXS12LVJU	12000	9250	1/4 3/8	53
						604	9086	FCU-4-604	FTXS12LVJU	12000	9250	1/4 3/8	39
						703	6198	FCU-4-703	FTXS09LVJU	90000	8100	1/4 3/8	37
CU-5	4MXS36NMVJU	38000	208-230/60/1	17.5	20	405	9880	FCU-5-405	FTXS12LVJU	12000	9250	1/4 3/8	79
						506	5488	FCU-5-506	FTXS09LVJU	90000	8100	1/4 3/8	58
						605	9880	FCU-5-605	FTXS12LVJU	12000	9250	1/4 3/8	51
						706	5777	FCU-5-706	FTXS09LVJU	90000	8100	1/4 3/8	33
CU-6	4MXS36NMVJU	38000	208-230/60/1	17.5	20	406	5488	FCU-6-406	FTXS09LVJU	90000	8100	1/4 3/8	80
						505	9880	FCU-6-505	FTXS12LVJU	12000	9250	1/4 3/8	73
						606	5488	FCU-6-606	FTXS09LVJU	90000	8100	1/4 3/8	52
						705	10400	FCU-6-705	FTXS12LVJU	12000	9250	1/4 3/8	45
CU-7	4MXS36NMVJU	38000	208-230/60/1	17.5	20	407	5260	FCU-7-407	FTXS09LVJU	90000	8100	1/4 3/8	69
						507	5260	FCU-7-507	FTXS09LVJU	90000	8100	1/4 3/8	55
						607	5260	FCU-7-607	FTXS09LVJU	90000	8100	1/4 3/8	41
						707	5537	FCU-7-707	FTXS09LVJU	90000	8100	1/4 3/8	27
CU-8	RXS12LVJU	13800	208-230/60/1	8.8	15	DATA		FCU-7-DATA	FTXS12LVJU	12000	9250	1/4 3/8	50

FAN PERFORMANCE SCHEDULE													
TAG	AIRFLOW (CFM)	TSP (INWG)	NOISE (SONES)	RPM	DRIVE	ELECTRICAL REQUIREMENTS					BASIS OF DESIGN - GREENHECK		
						HP	BHP	WATTS	AMPS	V/PH/Hz	SERVICE	ARRANGEMENT	MODEL
EF-1	200	0.4	5.6	1300	DIRECT	1/30	0.03	-	-	120/1/60	BATHROOMS	DOWNBLAST	G-085-G

PROVIDE FANS WITH SPEED CONTROLLER

GAS WATER HEATER PERFORMANCE SCHEDULE													
TAG	STORAGE (GALS)	INPUT (MBH)	WPD (FT.WG)	RECOVERY 100°F RISE (GPH)	WORKING PRESSURE (PSIG)	INLET CW TEMP (DEG F)	OUTLET HW TEMP (DEG F)	ELECTRICAL REQUIREMENTS			BASIS OF DESIGN - BRADFORD WHITE		
								AMPS	WATTS	V/PH/Hz	SERVICE	FUEL	MODEL
GUH-1	100	250	-	294	150.0	50.0	140.0	25	-	120/1/60	DOM HW	NAT GAS	EF-100T-250-3N
GUH-2	100	250	-	294	150.0	50.0	140.0	25	-	120/1/60	DOM HW	NAT GAS	EF-100T-250-3N

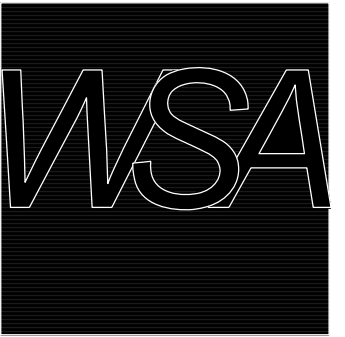
PLUMBING FIXTURE CONNECTION SCHEDULE					
TAG	DESCRIPTION	SAN	VENT	CW	HW
P-1	FLOOR MOUNTED TT UC	3"	2"	1/2"	-
P-1A	ADA FLOOR MOUNTED TT UC	3"	2"	1/2"	-
P-2	LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"
P-2A	ADA LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"
P-3	TUB/SHOWER	2"	1-1/2"	1/2"	1/2"
P-3A	36"x36" SHOWER	2"	1-1/2"	1/2"	1/2"
P-3B	ADA TUB/SHOWER	2"	1-1/2"	1/2"	1/2"
P-4	SINGLE BOWL SS SINK	1-1/2"	1-1/2"	1/2"	1/2"
P-4A	DOUBLE BOWL SS SINK	1-1/2"	1-1/2"	1/2"	1/2"
P-4B	ADA DOUBLE BOWL SS SINK	1-1/2"	1-1/2"	1/2"	1/2"
P-5	WASHING MACHINE CONNECTION	2"	1-1/2"	1/2"	1/2"
P-6	MOP BASIN	3"	2"	3/4"	3/4"
FD-1	FLOOR DRAIN (w/TRAP PRIMER)	3"	2"	1/2"	-
FPB	FREEZE PROOF HOSE BIBB	-	-	3/4"	-

- MINIMUM SIZE OF BELOW SLAB SANITARY & VENT PIPING SHALL BE 2".  
- TRAP PRIMERS SHALL BE SERVED BY THE NEAREST FIXTURE.  
- TRAP PRIMER CONNECTION

AIR DEVICE PERFORMANCE SCHEDULE									
TAG	PANEL SIZE (IN)	NECK SIZE (IN)	AIRFLOW (CFM)	SPLOSS (INWG)	THROW (L)	Nc	BASIS OF DESIGN - METALAIRE		
							DUCT CONN (IN)	PATTERN	MODEL
(A)	-	12x10	600	0.05	-	25	SEE DWGS	SEE DWGS	H4002
(AA)	-	8x8	100	0.05	-	30	SEE DWGS	1/2", 35"	RHD
(BB)	-	12x8	300	0.05	-	30	SEE DWGS	1/2", 35"	RHD

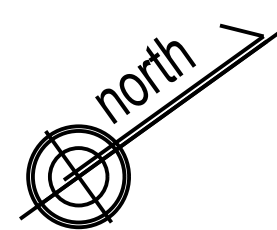
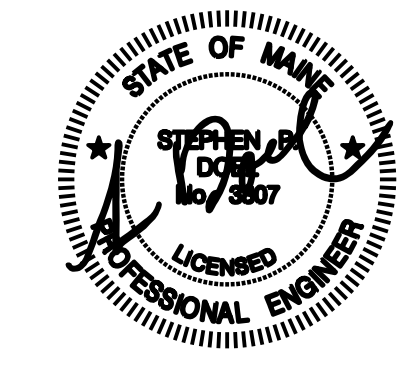
FIN TUBE PERFORMANCE SCHEDULE										
TAG	OUTPUT (MBH/FT)	FLOW RATE (GPM)	MOUNT'G HEIGHT (IN)	ENCLOSURE HEIGHT (IN)	ELEMENT LENGTH (FT)	ENCLOSURE LENGTH (FT)	BASIS OF DESIGN - STERLING			
							TUBE SIZE (IN)	FINS/FOOT	VALVE TAG	MODEL
FTR-1	0.62	10	0	9-1/8"	-	-	3/4"	60	V-1	PETITE9

- ELEMENT LENGTH SHALL BE AS REQUIRED TO MEET LOAD INDICATED ON DRAWINGS.  
- ENCLOSURE LENGTH SHALL BE ELEMENT LENGTH PLUS 12" OR WALL TO WALL.



Winton Scott Architects  
5 Milk Street  
Portland, Maine 04101  
207 774 4811  
www.wintonscott.com

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MECHANICAL  
SCHEDULES

1/4" = 1'-0"

M 3.2

MARCH 30, 2016