

**LIST OF SCHEDULES**

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**1.1 Air Unit Handling Schedule**

Tag	AHU-H222A	
Location	Mechanical Room	
Area Served	Electrical/Mechanical Room	
Type	Air Purification System	
Manufacturer	HAAKON	
Model		
Arrangement	Horizontally Mounted on concrete pad	
Supply Fan	2 Supply fans in system c/w 2 backdraft dampers and 2 motors	
Volume, L/s (cfm)	3540 (7500)	3540 (7500)
ESP, Pa (in.wg.)	250 (1.00)	250 (1.00)
TSP, Pa (in.wg.)	935 (3.75)	935 (3.75)
Fan Type	BAF DW	BAF DW
Fan Speed, rpm	1750	1750
Motor Power, kW (hp) each	5.6 (7.5)	5.6 (7.5)
Power Supply	575/3/60	575/3/60
Minimum Outdoor Air, L/s (cfm)	434 (920)	
DX Coil	2 Cooling coils in system, separate circuits	
Size, H x L, mm	2@ 610x2290	
Media	R407	
Face Area, m <sup>2</sup> (ft <sup>2</sup> )	2.8 (30)	
Rows	3	
Face Velocity, m/s (fpm)	2.54 (500)	
Air side P.D. Pa (in.wg.)	74.6 (0.3)	
EAT DB, °C (°F)	27 (80.6)	
EAT WB, °C (°F)	20 (68.0)	
LAT DB, °C (°F)	20 (68.0)	
LAT WB, °C (°F)	19.5 (67.1)	
Filter Section		
Type	Merv 7-2"	
Velocity m/s (fpm)	2.4 (469)	
size	8@ 610x610	
Physical Data		
Overall Length, mm	3355	
Overall Width, mm	2860	
Overall Height, mm	1615	
Overall Weight, kg	6350	
Accessories & Remarks	Motorized damper for outside air & return air, CU-H224A, CU-H225A will be connected to this system to provide cooling via DX coils. Each fan to be complete with separate motor.	

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**1.2 Exhaust Air Fan Schedule**

<b>Tag</b>	<b>EF-H226A</b>	<b>EF-H227A</b>	<b>EF-H228A</b>
Function	Electrical Room Exhaust	Crawl Space Exhaust	Generator Room Exhaust For ventilation
Location	Mechanical Room Roof	Electrical Room Wall	Generator Room North Wall
Volume, L/s (cfm)	7080 (15000)	80 (170)	945 (2000)
E.S.P. Press, Pa (in.wg.)	125 (0.5)	125 (0.5)	125 (0.5)
Fan Speed, RPM	1568	1207	1010
Motor Power, kW (hp)	5.6 (7.5)	0.2 (0.25)	0.37 (0.50)
Power Supply (V/Ph/Hz)	575/3/60	115/1/60	208/3/60
Drive	Belt	Belt	Belt
Type	Vaneaxial Power Roof Exhaust	Centrifugal Inline Fan	Side Wall Propeller
Arrangement	Arrangement 9		
Manufacturer	Northern Blower	Greenheck	Greenheck
Model	Series 7400 Design 7412 size 2700	BSQ80-4	SB-2H24-5
Control	VFD	On/Off	On/Off
Accessories & Remarks	Steel Casing with Access Door, Mounting Curb Base, Windguard (C/W Hinged Motorized Damper, Weather Hood and inlet Screen, See schedule 1.9 VFD-H226B	Galvanized Steel Housing, Access Panel, Aluminium backdraft damper, Inlet and Discharge collars, Wall Mounting bracket	Steel housing, motor side guard, Motorized damper c/w aluminium guard and louver

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**1.2 Exhaust Air Fan Schedule (Continued)**

<b>Tag</b>	<b>EF-H229A</b>	<b>EF-H230A</b>	<b>EF-H231A</b>
Function	Generator GN-E901A Exhaust	Generator GN-E902A Exhaust	Generator GN-E903A Exhaust
Location	Generator Room Roof	Generator Room Roof	Generator Room Roof
Volume, L/s (cfm)	3070 (6500)	3070 (6500)	3070 (6500)
E.S.P. Press, Pa (in.wg.)	125 (0.5)	125 (0.5)	125 (0.5)
Fan Speed, RPM	1541	1541	1541
Motor Power, kW (hp)	1.5 (2)	1.5 (2)	1.5 (2)
Power Supply (V/Ph/Hz)	575/3/60	575/3/60	575/3/60
Drive	Belt	Belt	Belt
Type	Vaneaxial Mushroom Roof Exhaust	Vaneaxial Mushroom Roof Exhaust	Vaneaxial Mushroom Roof Exhaust
Arrangement	Arrangement 9	Arrangement 9	Arrangement 9
Manufacturer	Northern Blower	Northern Blower	Northern Blower
Model	Series 7400 Design 7413 size 2000	Series 7400 Design 7413 size 2000	Series 7400 Design 7413 size 2000
Control	On/Off	On/Off	On/Off
Accessories & Remarks	Steel Casing with Access Door, Mounting Curb Base, Windguard (C/W Hinged Motorized Damper, Weather Hood and inlet Screen	Steel Casing with Access Door, Mounting Curb Base, Windguard (C/W Hinged Motorized Damper, Weather Hood and inlet Screen	Steel Casing with Access Door, Mounting Curb Base, Windguard (C/W Hinged Motorized Damper, Weather Hood and inlet Screen

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**1.3 Gas Fired Unit Heater Schedule**

<b>Tag</b>	<b>UH-H205A `</b>	<b>UH-H210A `</b>	<b>UH-H215A</b>
Location	Generator Room	Generator Room	Generator Room
Gas Input, kW (MBH)	35.2 (120)	35.2 (120)	35.2 (120)
Heating Output, kW (MBH)	29.2 (99.6)	29.2 (99.6)	29.2 (99.6)
Thermal Efficiency (%)	83	83	83
Fan Type	Direct Drive	Direct Drive	Direct Drive
Fan Motor Power, kW (hp)	0.56 (0.75)	0.56 (0.75)	0.56 (0.75)
Fan Motor Power Supply, V/Ph/Hz	208/1/60	208/1/60	208/1/60
Maximum Discharge Air Temp. Rise, °C (°F)	24 (75)	24 (75)	24 (75)
Minimum Discharge Air Temp. Rise, °C (°F)	7 (45)	7 (45)	7 (45)
Maximum Air Volume l/s (cfm)	967 (2049)	967 (2049)	967 (2049)
Minimum Air Volume l/s (cfm)	580 (1230)	580 (1230)	580 (1230)
Maximum Velocity m/s (fpm)	5.2 (1020)	5.2 (1020)	5.2 (1020)
Minimum Velocity m/s (fpm)	3.1 (612)	3.1 (612)	3.1 (612)
Manufacturer	Reznor	Reznor	Reznor
Model No.	UDBS-125	UDBS-125	UDBS-125
Accessories & Remarks	Sealed Junction Box, Fully Gasketed Door Panel with Safety Door Switch, Blower with Multispeed Taps and a Transformer for 24 Volt Controls	Sealed Junction Box, Fully Gasketed Door Panel with Safety Door Switch, Blower with Multispeed Taps and a Transformer for 24 Volt Controls	Sealed Junction Box, Fully Gasketed Door Panel with Safety Door Switch, Blower with Multispeed Taps and a Transformer for 24 Volt Controls

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**1.3 Gas-Fired Unit Heater Schedule (Continued)**

<b>Tag</b>	<b>UH-H216A</b>	<b>UH-H217A</b>	<b>UH-H218A</b>
Location	Generator Room	Generator Room	Electrical Room
Gas Input, kW (MBH)	35.2 (120)	35.2 (120)	30.8 (105)
Heating Output, kW (MBH)	29.2 (99.6)	29.2 (99.6)	25.6 (87.2)
Thermal Efficiency (%)	83	83	83
Fan Type	Direct Drive	Direct Drive	Direct Drive
Fan Motor Power, kW (hp)	0.56 (0.75)	0.56 (0.75)	0.56 (0.75)
Fan Motor Power Supply, V/Ph/Hz	208/1/60	208/1/60	208/1/60
Maximum Discharge Air Temp. Rise, °C (°F)	24 (75)	24 (75)	24 (75)
Minimum Discharge Air Temp. Rise, °C (°F)	7 (45)	7 (45)	7 (45)
Maximum Air Volume l/s (cfm)	967 (2049)	967 (2049)	846 (1793)
Minimum Air Volume l/s (cfm)	580 (1230)	580 (1230)	508 (1076)
Maximum Velocity m/s (fpm)	5.2 (1020)	5.2 (1020)	4.5 (892)
Minimum Velocity m/s (fpm)	3.1 (612)	3.1 (612)	2.7 (535)
Manufacturer	Reznor	Reznor	Reznor
Model No.	UDBS-125	UDBS-125	UDBS-100
Accessories & Remarks	Sealed Junction Box, Fully Gasketed Door Panel with Safety Door Switch, Blower with Multispeed Taps and a Transformer for 24 Volt Controls	Sealed Junction Box, Fully Gasketed Door Panel with Safety Door Switch, Blower with Multispeed Taps and a Transformer for 24 Volt Controls	Sealed Junction Box, Fully Gasketed Door Panel with Safety Door Switch, Blower with Multispeed Taps and a Transformer for 24 Volt Controls

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**1.3 Gas Fired Unit Heater Schedule (Continued)**

<b>Tag</b>	<b>UH-H219A</b>
Location	Electrical Room
Gas Input, kW (MBH)	30.8 (105)
Heating Output, kW (MBH)	25.6 (87.2)
Thermal Efficiency (%)	83
Fan Type	Direct Drive
Fan Motor Power, kW (hp)	0.56 (0.75)
Fan Motor Power Supply, V/Ph/Hz	208/1/60
Maximum Discharge Air Temp. Rise, °C (°F)	24 (75)
Minimum Discharge Air Temp. Rise, °C (°F)	7 (45)
Maximum Air Volume l/s (cfm)	846 (1793)
Minimum Air Volume l/s (cfm)	508 (1076)
Maximum Velocity m/s (fpm)	4.5 (892)
Minimum Velocity m/s (fpm)	2.7 (535)
Manufacturer	Reznor
Model No.	UDBS-100
Accessories & Remarks	Sealed Junction Box, Fully Gasketed Door Panel with Safety Door Switch, Blower with Multispeed Taps and a Transformer for 24 Volt Controls

- Notes:
1. All selections based on maximum 14" W.C. gas inlet pressure to appliance.
  2. All units shall come with thermostat mounting bracket for installing thermostat directly onto unit. Reznor option CM3.
  3. All units shall come with a vertical vent terminal and concentric adapter. Reznor option CC2
  4. Generator Room units shall come with type 409 stainless steel heat exchanger.
  5. Electrical Room units shall come with titanium stabilized aluminized steel heat exchanger.

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**1.4 Electric Unit Heater Schedule**

Tag	UH-H219A
Location	Crawl Space
Type	Electric Forced Air
Capacity, kW (MBH)	5 (17.1)
Temp. Rise °C (°F)	22 (40)
Air Flow, L/s (cfm)	227 (480)
Motor Speed, RPM	1550
Motor Power, W (hp)	0.037 (0.05)
Power Supply, V/ph/Hz	600/3/60
Manufacturer	Reznor
Model	EGE
Accessories	Complete with: <ul style="list-style-type: none"> <li>• Wall Bracket</li> <li>• Thermostat Kit (5°C to 38°C)</li> </ul>

**1.5 Pump Schedule**

Tag	SMP-H235A	SMP-H235B
Service	Sump System	Sump System
Location	Crawl Space Sump Pit	Crawl Space Sump Pit
Type	Submersible	Submersible
Impeller	Stainless Steel	Stainless Steel
Casing	Stainless Steel	Stainless Steel
Medium Pumped	Water	Water
Capacity, L/s (USgpm)	1.26 (20)	1.26 (20)
Total Head, kPa (ft wg.)	45 (15)	45 (15)
Maximum Operating Temp., °C (°F)	21 (70)	21 (70)
Pump Speed, RPM	1635	1635
Suction/Discharge Sizes, mm	50 female NPT	50 female NPT
Motor Power, kW (hp)	0.37 (0.5)	0.37 (0.5)
Power Supply, V/ph/Hz	115/1/60	115/1/60
Manufacturer	Grundfos	Grundfos
Model	AP12	AP12
Accessories & Remarks	Duplex Control Panel	

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**1.6 Air Cooled Condensing Unit Schedule**

Tag	CU-H224A	CU-H225A
Service	Electrical/Mechanical	Electrical/Mechanical
Location	Mechanical Room Roof	Mechanical Room Roof
Manufacturer	Aaon	Aaon
Model	CA-10	CA-10
Capacity, kW (MBH)	39.4 (134.3)	39.4 (134.3)
Efficiency – EER (COP)	12.34 (3.7)	12.34 (3.7)
Number of Condensing Fans	1	1
Fan & Motor - RPM	1050	1050
Number of Compressor	2	2
Compressors Type	Scroll	Scroll
Refrigerant Type	R407 or R410	R407 or R410
Electrical Load - FLA/MCA/MOP	15.9/17.6/20	15.9/17.6/20
Electrical Supply (V/ph/Hz)	575/3/60	575/3/60
Unit Depth – mm (in)	1106 (43.5)	1106 (43.5)
Unit Length – mm (in)	1961 (77.2)	1961 (77.2)
Unit Width – mm (in)	1112 (43.75)	1112 (43.75)
Shipping Weight kg (lbs)	208 (459)	208 (459)
Accessories & Remarks	C/W hail guards and hot gas bypass	C/W hail guards and hot gas bypass

**1.7 Diffusers Schedule**

Tag	Manufacturer Model No.	Border/Frame	Core	Module Size (mm)	Neck Size (mm)	Finish	Fastening	Options	Remarks
SA-1	E.H. Price 600	32 mm Frame		N/A	See Drawings	3	Counter-sunk		

- Finishes:
- |                           |  |
|---------------------------|--|
| 1. Off-white baked enamel | 4. Brushed finish and clear acrylic coat |
| 2. Aluminum baked enamel  | 5. White baked enamel                    |
| 3. Aluminum prime coat    | 6. White powder coat                     |

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**1.8 Louver Schedule**

Tag	Manufacturer Model No.	Frame	Core	Size – mm (in) Width x Height	Cap. – l/s (cfm)	Vel. – m/s (fpm)	ΔP – Pa (in)	Frame Size	Finishes	Options
LV-A	CB605X	Drainable	Drainable	See Drawings	See Drawings	4.3 (850)	(0.15)	130 mm	1	1, 2,4,5
LV-B	CB605X	Drainable	Drainable	See Drawings	See Drawings	7.6 (1500)	(0.15)	130 mm	1	1, 2,4,5

Finishes: 1. PPG Duranar XL colour UC52061XL Concord Blue Metallic.

Options: 1. Extruded Aluminium 4. Continuous Blade  
 2. Aluminium insect screen 5. Nominal 53% free area  
 3. Aluminium bird screen

Notes: 1. LV-A louvers are for air intake into building.  
 2. LV-B louvers are for air exhaust out of building.  
 3. Louvers shall appear continuous from wall opening to wall opening. Refer to Mechanical Drawing WG-H0120 and Architectural Drawing WG-B0301.

**1.9 Gravity Hood Schedule**

Tag	GRH-H232A
Service	Relief
Location	Electrical Room
Volume – l/s (cfm)	7080 (15000)
Static Press – Pa (in.wg)	99.5 (0.40)
Throat Size – mm (in)	915x1220 (36x48)
Throat Area - m <sup>2</sup> (ft <sup>2</sup> )	1.1 (12)
Curb Cap – mm (in)	1120x1420 (44x56)
Hood Dimensions	
Width - mm (in)	1475 (58)
Length - mm (in)	1525 (60)
Height - mm (in)	485 (19)
Manufacturer	Greenheck
Model No.	Fabra Hood FHR
Options	1, 2, 3, 4

Finishes: 1. Back draft damper 3. Galvanized steel bird screen  
 2. Roof curb 4. Fibreglass hood insulation

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**1.10 Variable Frequency Drive Schedule**

<b>Tag</b>	<b>VFD-H222C</b>	<b>VFD-H222D</b>	<b>VFD-H226B</b>
Service	AHU-H222A	AHU-H222A	EF-H226A
Driven Motor, kW (hp)	7.5	7.5	7.5
Power Supply, V/ph/Hz	575/3/60	575/3/60	575/3/60
Manufacturer	See Division 16	See Division 16	See Division 16
Model No.	See Division 16	See Division 16	See Division 16

**1.11 Motorized Damper Schedule**

<b>Tag</b>	<b>MD-H201A</b>	<b>MD-H206A</b>	<b>MD-H211A</b>
Service	Generator Air Inlet	Generator Air Inlet	Generator Air Inlet
Location	Generator Room South Wall	Generator Room South Wall	Generator Room South Wall
Damper size mm (in)	1220x1220 (48x48)	1220x1220 (48x48)	1220x1220 (48x48)
Number of dampers	12	12	12
Model	9000 Series	9000 Series	9000 Series
Manufacturer	TAMCO	TAMCO	TAMCO
Actuator	Belimo AF120-S	Belimo AF120-S	Belimo AF120-S
Number of actuators	12	12	12
Accessories & Remarks	Outside air damper with 6 Horizontal Jackshafts for generator GN-E901A	Outside air damper with 6 Horizontal Jackshafts for generator GN-E902A	Outside air damper with 6 Horizontal Jackshafts for generator GN-E903A

<b>Tag</b>	<b>MD-H202A</b>	<b>MD-H207A</b>	<b>MD-H212A</b>
Service	Generator Air Return	Generator Air Return	Generator Air Return
Location	Generator Discharge Chamber Wall	Generator Discharge Chamber Wall	Generator Discharge Chamber Wall
Damper size mm (in)	1525x1220 (60x48)	1525x1220 (60x48)	1525x1220 (60x48)
Number of dampers	4	4	4
Model	9000 Series	9000 Series	9000 Series
Manufacturer	TAMCO	TAMCO	TAMCO
Actuator	Belimo AF120-S	Belimo AF120-S	Belimo AF120-S
Number of actuators	4	4	4
Accessories & Remarks	Return air damper for generator GN-E901A	Return air damper for generator GN-E902A	Return air damper for generator GN-E903A

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**1.11 Motorized Damper Schedule (Continued)**

<b>Tag</b>	<b>MD-H203A</b>	<b>MD-H208A</b>	<b>MD-H213A</b>
Service	Generator Air Exhaust	Generator Air Exhaust	Generator Air Exhaust
Location	Generator Room North Wall	Generator Room North Wall	Generator Room North Wall
Damper size mm (in)	1525x1525 (60x60)	1525x1525 (60x60)	1525x1525 (60x60)
Number of dampers	4	4	4
Model	9000 Series	9000 Series	9000 Series
Manufacturer	TAMCO	TAMCO	TAMCO
Actuator	Belimo AF120-S	Belimo AF120-S	Belimo AF120-S
Number of actuators	4	4	4
Accessories & Remarks	Exhaust air damper for generator GN-E901A	Exhaust air damper for generator GN-E902A	Exhaust air damper for generator GN-E903A

<b>Tag</b>	<b>MD-H220A</b>	<b>MD-H 232A</b>	
Service	Generator Air Inlet	Relief Air	
Location	Generator Room South Wall @ Top of Door	Below GRM-H232A	
Damper size mm (in)	915x610 (36x24)	915 x 1220 (36 x 48)	
Number of dampers	1	1	
Model	9000 Series	9000 Series	
Manufacturer	TAMCO	TAMCO	
Actuator	Belimo AF120-S	Belimo AF120-S	
Number of actuators	1	1	
Accessories & Remarks	Outside air damper for generator room ventilation		

**1.12 Emergency Potable Eyewash Schedule**

<b>Tag</b>	<b>EEW-H238A</b>	<b>EEW-H238B</b>	<b>EEW-H238C</b>
Service	Electrical Room	Electrical Room	Electrical Room
Location	Electrical Room	Electrical Room	Electrical Room
Type	Potable eye wash unit	Potable eye wash unit	Potable eye wash unit
Manufacturer	Haws	Haws	Haws
Model No.	7500EB	7500EB	7500EB
Accessories & Remarks	9082 bacteriostatic water preservative additive	9082 bacteriostatic water preservative additive	9082 bacteriostatic water preservative additive

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**1.13 Piping Transition Sump Schedule**

Tag	PTS-H234A	PTS-H234B
Service	Feed to diesel fuel pump	Diesel fuel supply
Location	Generator Room	Between 2 Fuel Storage tanks
Type	Above-grade / below grade piping transition sump	Above-grade / below grade piping transition sump
Manufacturer	OPW Inc.	OPW Inc.
Model No.	PISCES PST 4630	PISCES PST 4630
Accessories & Remarks	Complete with: <ul style="list-style-type: none"> <li>• Conical Seal Entry Fittings</li> <li>• Backfill Guards</li> <li>• Height Extender</li> </ul>	Complete with: <ul style="list-style-type: none"> <li>• Conical Seal Entry Fittings</li> <li>• Backfill Guards</li> <li>• Height Extender</li> </ul>

**2.1 Air Handling Unit Schedule**

Tag	AHU-H242A
Location	Inlet Building
Area Served	Inlet Building
Type	In door
Manufacturer	McQuay
Model	CAH008FVAC
Supply Fan	
Tag	SF-1
Volume ( <i>cfm</i> )( <i>L/S</i> )	(3700) (1750)
ESP ( <i>in.wg.</i> )( <i>Pa</i> )	(1.00) (249)
Fan Type	Centrifugal
Fan Speed (rpm)	1087
Motor Power ( <i>HP</i> )( <i>KW</i> )	(3.0) (2.2)
Power Supply	575/60/3
Return Fan	/
Tag	
Volume ( <i>cfm</i> )( <i>L/S</i> )	
ESP ( <i>in.wg.</i> )( <i>Pa</i> )	
Fan Type	
Speed (rpm)	
Motor Power ( <i>HP</i> )( <i>KW</i> )	
Power Supply	
Minimum Outdoor Air (cfm)	1000

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**2.1 Air Handling Unit Schedule (Continued)**

Heating Section	
Type	Electric
Heating Output <i>KW (MBH)</i>	61 (208)
Temperature rise °C (°F)	27.5 (49.5)
DX Coil	/
Tag	
Size, H x L <i>mm (in)</i>	
Face Area <i>m<sup>2</sup> (ft<sup>2</sup>)</i>	
Rows / FPI	
Face Velocity <i>m/s (fpm)</i>	
Air side P.D. <i>Pa (in.wg)</i>	
Clg. Capacity <i>KW (ton)</i>	
EAT DB/WB °C (°F)	
LAT DB/WB °C (°F)	
Condensing Unit	
No. of Cond. Fans	
Cond. Fan Power <i>KW (HP)</i>	
No. of Compressors	
Power Supply	
Minimum Circuit Ampacity	69
Arrangement	
Supply Outlet	Top
Return Inlet	End
Outdoor Air Inlet	Top
Relief Air Outlet	-
Physical Data	
Overall Length <i>mm (in)</i>	4775 (188)
Overall Width <i>mm (in)</i>	1473 (58)
Overall Height <i>mm (in)</i>	864 (34)
Overall Weight <i>kg (lb)</i>	914 (2015)

**LIST OF SCHEDULES**

**2.2 Pump Schedule**

Tag	P-T410A	P-T420A
Function	Weeping Tile Sump	Weeping Tile Sump
Location	Sump Pump Building	Sump Pump Building
Type	Submersible	Submersible
Impeller mm (in)	111 (4.37)	111 (4.37)
Casing	Stainless steel	Stainless steel
Medium Pumped	Seepage	Seepage
Design Pressure kPa (psi)	-	-
Maximum Operating Temp. °C (°F)	-	-
RPM	3450	3450
Design Flow Rate l/s (USgpm)	7.5 (119)	7.5 (119)
Discharge Head M (ft/pi)	9.8 (32)	9.8 (32)
Discharge Size mm (in.)	50 (2)	50 (2)
Motor Power kW (HP)	1.1 (1-1/2)	1.1 (1-1/2)
Power Supply (V/ph/Hz)	575/3/60	575/3/60
Manufacturer	Barnes	Barnes
Pump Model	2SEV-1552L	2SEV-1552L
Control Panel Model	DB-5035D	DB-5035D
Accessories	7.6 M power cord, Suspended mechanical float switch c/w bracket	7.6 M power cord, Suspended mechanical float switch c/w bracket

**2.3 Grilles, Registers and Diffusers Schedule**

Tag	Manufacturer Model No.	Border /Frame	Core	Module Size (mm)	Neck Size (mm)	Finish	Fastening	Options	Remarks
S-1	E.H. Price RCD series		Adjustable	See Drwgs	See Drwgs	5	Counter-sunk screw		
R-1	E.H. Price 82 series		Egg-crate	See Drwgs	See Drwgs	2	Counter-sunk screw		

- Finishes:
- |                           |  |
|---------------------------|--|
| 1. Off-white baked enamel | 4. Brushed finish and clear acrylic coat |
| 2. Aluminum baked enamel  | 5. White baked enamel                    |
| 3. Aluminum prime coat    | 6. White powder coat                     |

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**2.4 Louver Schedule**

Tag	Manufacturer Model No.	Frame	Core	Size – mm (in) Width x Height	Cap. – l/s (cfm)	Vel. – m/s (fpm)	ΔP – Pa (in)	Fast.	Finishes	Options
L-1	Airolite 638C1006X		Storm-proof	See Dwgs.	See Dwgs.	214 (700)	25 (.1)	Mtg angle	2	1,2
L-2	Airolite 609B6X		Storm-proof	See Dwgs.	See Dwgs.	245 (800)	25 (.1)	Mtg angle	2	1,2

- Finishes:
- |                 |                             |
|-----------------|-----------------------------|
| 1. Baked enamel | 3. Duranar XL               |
| 2. Duranar      | 4. Match adjacent panelling |

- Options:
- |                           |                          |
|---------------------------|--------------------------|
| 1. Formed metal sill      | 3. Aluminum bird screen  |
| 3. Aluminum insect screen | 4. Removable access door |

**2.5 Gravity Hood Schedule**

Tag	GRH-H232A
Service	Intake
Location	Inlet Building
Volume – l/s (cfm)	1595 (3380)
Static Press – Pa (in.wg.)	29.9 (0.12)
Throat Size – mm (in)	350 x 1050 (14 x 42)
Throat Area - m <sup>2</sup> (ft <sup>2</sup> )	.38 (4.08)
Curb Cap – mm (in)	550 x 1250 (22 x 50)
Hood Dimensions	
Width - mm (in)	737 (29)
Length - mm (in)	1525 (60)
Height - mm (in)	406 (16)
Manufacturer	Greenheck
Model No.	Fabra Hood
Options	2, 3, 4

- Options:
- |                      |                                 |
|----------------------|---------------------------------|
| 1. Back draft damper | 3. Galvanized steel bird screen |
| 2. Roof curb         | 4. Fibreglass hood insulation   |

- Note:
1. Roof curb shall be constructed out of non-combustible products.
  2. Heat Tracing to be installed on birdscreen for frost protection. Refer to Section 15705 – Heat Tracing for details.

**LIST OF SCHEDULES**

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**2.6 Motorized Damper Schedule**

<b>Tag</b>	<b>MD-H-244A</b>
Service	Generator Air Exhaust
Location	Inlet Building West Wall
Damper size mm (in)	1050 x 900 (42 x 36)
Number of dampers	1
Model	9000 Series
Manufacturer	TAMCO
Actuator	Belimo AF120-S
Number of Actuators	1
Accessories and Remarks	Exhaust air damper for AHU-H-242A

**LIST OF SCHEDULES**

**3.1 Pump Schedule**

Tag	P-T301A	P-T302A
Service	Sump System	Sump System
Location	Cell 1 Treated Water Valve Chamber	Cell 3 Treated Water Valve Chamber
Type	Submersible	Submersible
Impeller	Two Vane	Two Vane
Casing	Cast Iron	Cast Iron
Medium Pumped	Water	Water
Capacity, L/s (USgpm)	1.6 (25)	2.8 (45)
Total Head, kPa (ft wg.)	59.7 (20)	134.4 (45)
Maximum Operating Temp., °C (°F)	21 (70)	21 (70)
Pump Speed, RPM	1550	3450
Discharge Sizes	1½" NPT	2" NPT
Motor Power, kW (hp)	0.25 (1/3)	0.37 (1/2)
Power Supply, V/ph/Hz	120/1/60	120/1/60
Manufacturer	Myers	Myers
Model	ME3H-11p	ME505-11
Accessories & Remarks		Complete with: <ul style="list-style-type: none"> <li>• WL20P1S0 Float</li> </ul>

**3.2 Electric Unit Heater Schedule**

Tag	UH-T301A	UH-T302A
Location	Cell 1 Treated Water Valve Chamber	Cell 3 Treated Water Valve Chamber
Type	Electric Forced Air	Electric Forced Air
Capacity, kW (MBH)	5 (17.1)	5 (17.1)
Temp. Rise, C° (°F)	59.7 (20)	134.4 (45)
Air Flow, L/s (cfm)	227 (480)	227 (480)
Motor Speed, RPM	1550	1550
Motor Power, W (hp)	0.037 (0.05)	0.037 (0.05)
Power Supply, V/ph/Hz	600/3/60	600/3/60
Manufacturer	Reznor	Reznor
Model	EGE	EGE
Accessories & Remarks	Complete with: <ul style="list-style-type: none"> <li>• Wall Bracket</li> <li>• Thermostat Kit (5°C to 38°C)</li> </ul>	Complete with: <ul style="list-style-type: none"> <li>• Wall Bracket</li> <li>• Thermostat Kit (5°C to 38°C)</li> </ul>

**END OF SECTION**