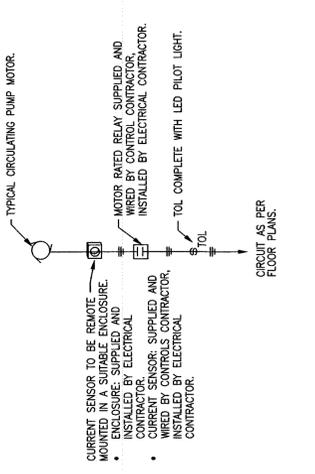


HEAT TRACING SCHEDULE

HEATING CABLE DESIGNATION	PIPE DESIGNATION	LOCATION	PIPE SIZE / TYPE	PIPE LENGTH	MAINTAINING TEMPER.	MIN. AMBIENT TEMPERATURE	HEATING CABLE LENGTH	PANEL	VOLTAGE	LOAD	FEEDER SIZE	HEATING CABLE	CONTROL PANEL	POWER CONNECTION KIT	END SEAL	HEAT TRACE RATIO	LABEL	ALUMINUM TAPE	COMMENTS	
DOW-HT1	DOMESTIC COLD WATER	MARGINAL WHARF NORTH TUNNEL	103mm HDPE	86m	4C	-29C	105m	PANEL DD, CCT# 2, 4 CIRCUIT BREAKER 30A, 2P	208V	1.6KW	P73	SELF REGULATED	PANEL HTCP1	DOW-PK1	DOW-ES1	ONE (1)	YES	AS REQUIRED		
DOW-HT2	DOMESTIC COLD WATER	MARGINAL WHARF SOUTH TUNNEL	103mm HDPE	103m	4C	-29C	115m	PANEL DD, CCT# 6, 8 CIRCUIT BREAKER 30A, 2P	208V	1.89KW	WIRE SIZE 2#6 + #8 BOND IN 27 PVC CONDUIT	SELF REGULATED	PANEL HTCP1	DOW-PK2	DOW-ES2	ONE (1)	YES	AS REQUIRED		
DOW-HT3	DOMESTIC COLD WATER	MARGINAL WHARF SOUTH TUNNEL	53 mm HDPE	87m	4C	-29C	115m	PANEL DD, CCT# 10, 12 CIRCUIT BREAKER 30A, 2P	208V	1.75KW	WIRE SIZE 2#6 + #8 BOND IN 27 PVC CONDUIT	SELF REGULATED	PANEL HTCP1	DOW-PK3	DOW-ES3	ONE (1)	YES	AS REQUIRED		
DOW-HT4	DOMESTIC COLD WATER	FINGER WHARF SOUTH TUNNEL	53 mm HDPE	76m	4C	-29C	81m	PANEL DD, CCT# 14, 16 CIRCUIT BREAKER 30A, 2P	208V	1.52KW	WIRE SIZE 2#6 + #8 BOND IN 27 PVC CONDUIT	SELF REGULATED	PANEL HTCP1	DOW-PK4	DOW-ES4	ONE (1)	YES	AS REQUIRED		
DOW-HT5	DOMESTIC COLD WATER	FINGER WHARF SOUTH TUNNEL	53 mm HDPE	80m	4C	-29C	97m	PANEL DD, CCT# 18, 20 CIRCUIT BREAKER 30A, 2P	208V	1.59KW	WIRE SIZE 2#6 + #8 BOND IN 27 PVC CONDUIT	SELF REGULATED	PANEL HTCP1	DOW-PK5	DOW-ES5	ONE (1)	YES	AS REQUIRED		
DOW-HT6	DOMESTIC COLD WATER	FINGER WHARF SOUTH TUNNEL	53 mm HDPE	61m	4C	-29C	85m	PANEL DD, CCT# 1, 3 CIRCUIT BREAKER 30A, 2P	208V	1.24KW	WIRE SIZE 2#6 + #8 BOND IN 27 PVC CONDUIT	SELF REGULATED	PANEL HTCP2	DOW-PK6	DOW-ES6	ONE (1)	YES	AS REQUIRED		
DOW-HT7	DOMESTIC COLD WATER	FINGER WHARF NORTH TUNNEL	53 mm HDPE	78m	4C	-29C	81m	PANEL DD, CCT# 5, 7 CIRCUIT BREAKER 30A, 2P	208V	1.55KW	P78	SELF REGULATED	PANEL HTCP1	DOW-PK7	DOW-ES7	ONE (1)	YES	AS REQUIRED		
DOW-HT8	DOMESTIC COLD WATER	FINGER WHARF NORTH TUNNEL	53 mm HDPE	82m	4C	-29C	98m	PANEL DD, CCT# 9, 11 CIRCUIT BREAKER 30A, 2P	208V	1.63KW	WIRE SIZE 2#6 + #8 BOND IN 27 PVC CONDUIT	SELF REGULATED	PANEL HTCP2	DOW-PK8	DOW-ES8	ONE (1)	YES	AS REQUIRED		
DOW-HT9	DOMESTIC COLD WATER	FINGER WHARF NORTH TUNNEL	53 mm HDPE	65m	4C	-29C	85m	PANEL DD, CCT# 13, 15 CIRCUIT BREAKER 30A, 2P	208V	1.28KW	WIRE SIZE 2#6 + #8 BOND IN 27 PVC CONDUIT	SELF REGULATED	PANEL HTCP2	DOW-PK9	DOW-ES9	ONE (1)	YES	AS REQUIRED		
REC-HT1	RECIRCULATING COLD WATER	MARGINAL WHARF SOUTH TUNNEL	25mm HDPE	101m	4C	-29C	103m	PANEL DD, CCT# 17, 19 CIRCUIT BREAKER 30A, 2P	208V	2.02KW	P74	SELF REGULATED	PANEL HTCP1	REC-PK1	REC-ES1	ONE (1)	YES	AS REQUIRED		
REC-HT2	RECIRCULATING COLD WATER	MARGINAL WHARF SOUTH TUNNEL	25mm HDPE	101m	4C	-29C	104m	PANEL DD, CCT# 21, 23 CIRCUIT BREAKER 30A, 2P	208V	2.02KW	WIRE SIZE 2#6 + #8 BOND IN 27 PVC CONDUIT	SELF REGULATED	PANEL HTCP2	REC-PK2	REC-ES2	ONE (1)	YES	AS REQUIRED		
REC-HT3	RECIRCULATING COLD WATER	MARGINAL WHARF NORTH TUNNEL	25mm HDPE	96m	4C	-29C	98m	PANEL DD, CCT# 25, 27 CIRCUIT BREAKER 30A, 2P	208V	1.93KW	WIRE SIZE 2#6 + #8 BOND IN 27 PVC CONDUIT	SELF REGULATED	PANEL HTCP2	REC-PK3	REC-ES3	ONE (1)	YES	AS REQUIRED		
REC-HT4	RECIRCULATING COLD WATER	FINGER WHARF SOUTH TUNNEL	25mm HDPE	91.5m	4C	-29C	99m	PANEL DD, CCT# 28, 30, 32 CIRCUIT BREAKER 30A, 2P	208V	1.83KW	WIRE SIZE 2#6 + #8 BOND IN 27 PVC CONDUIT	SELF REGULATED	PANEL HTCP2	REC-PK4	REC-ES4	ONE (1)	YES	AS REQUIRED		
REC-HT5	RECIRCULATING COLD WATER	FINGER WHARF SOUTH TUNNEL	25mm HDPE	91.5m	4C	-29C	98m	PANEL DD, CCT# 30, 32 CIRCUIT BREAKER 30A, 2P	208V	1.83KW	WIRE SIZE 2#6 + #8 BOND IN 27 PVC CONDUIT	SELF REGULATED	PANEL HTCP2	REC-PK5	REC-ES5	ONE (1)	YES	AS REQUIRED		
REC-HT6	RECIRCULATING COLD WATER	MARGINAL WHARF NORTH TUNNEL	25mm HDPE	97m	4C	-29C	99m	PANEL DD, CCT# 34, 36 CIRCUIT BREAKER 30A, 2P	208V	1.95KW	WIRE SIZE 2#6 + #8 BOND IN 27 PVC CONDUIT	SELF REGULATED	PANEL HTCP2	REC-PK6	REC-ES6	ONE (1)	YES	AS REQUIRED		
REC-HT7	RECIRCULATING COLD WATER	FINGER WHARF NORTH TUNNEL	25mm HDPE	94m	4C	-29C	97m	PANEL DD, CCT# 38, 40 CIRCUIT BREAKER 30A, 2P	208V	1.87KW	WIRE SIZE 2#6 + #8 BOND IN 27 PVC CONDUIT	SELF REGULATED	PANEL HTCP2	REC-PK7	REC-ES7	ONE (1)	YES	AS REQUIRED		
REC-HT8	RECIRCULATING COLD WATER	FINGER WHARF NORTH TUNNEL	25mm HDPE	94m	4C	-29C	97m	PANEL DD, CCT# 42, 44 CIRCUIT BREAKER 30A, 2P	208V	1.87KW	WIRE SIZE 2#6 + #8 BOND IN 27 PVC CONDUIT	SELF REGULATED	PANEL HTCP2	REC-PK8	REC-ES8	ONE (1)	YES	AS REQUIRED		
HT10	EXISTING FIRE WATER	FINGER WHARF SOUTH TUNNEL						PANEL DD, CCT# 25, 27 CIRCUIT BREAKER 30A, 2P	208V				PANEL HTCP1					EXISTING HEAT TRACING SYSTEMS TO REMAIN		
HT11	EXISTING FIRE WATER	FINGER WHARF SOUTH TUNNEL						PANEL DD, CCT# 29, 31 CIRCUIT BREAKER 30A, 2P	208V				PANEL HTCP1						EXISTING HEAT TRACING SYSTEMS TO REMAIN	
HT2-1	EXISTING FIRE WATER	FINGER WHARF SOUTH TUNNEL						PANEL DD, CCT# 33, 35 CIRCUIT BREAKER 30A, 2P	208V				PANEL HTCP2						EXISTING HEAT TRACING SYSTEMS TO REMAIN	
HT9	EXISTING ROOM HEATER	BACKFLOW PREVENTER ROOM						PANEL DD, CCT# 37, 39 CIRCUIT BREAKER 15A, 2P	208V				PANEL HTCP1						EXISTING HEAT TRACING SYSTEMS TO REMAIN	



**SCHMATIC -- RECIRCULATING PUMPS P1&P2**  
SCALE: NTS

Branch:	255A, 208/120 V, 3ph, 4W
Location:	WARF ELEC. BLD.
Type:	CSA Type 1
Rating:	255A, 208/120 V, 3ph, 4W
No. Brk. Description	Load Phase Load Description Brk. No.
1 30A2P	Heating circuit DOW-HT8 1 A 0.915 30A2P 4
2 30A2P	Heating circuit DOW-HT7 2 B 0.915 30A2P 4
3 30A2P	Heating circuit DOW-HT7 3 C 0.915 30A2P 4
4 30A2P	Heating circuit DOW-HT7 4 A 0.915 30A2P 4
5 30A2P	Heating circuit DOW-HT7 5 B 0.915 30A2P 4
6 30A2P	Heating circuit DOW-HT7 6 C 0.915 30A2P 4
7 30A2P	Heating circuit DOW-HT7 7 A 0.915 30A2P 4
8 30A2P	Heating circuit DOW-HT7 8 B 0.915 30A2P 4
9 30A2P	Heating circuit DOW-HT7 9 C 0.915 30A2P 4
10 30A2P	Heating circuit DOW-HT7 10 A 0.915 30A2P 4
11 30A2P	Heating circuit DOW-HT7 11 B 0.915 30A2P 4
12 30A2P	Heating circuit DOW-HT7 12 C 0.915 30A2P 4
13 30A2P	Heating circuit DOW-HT7 13 A 0.915 30A2P 4
14 30A2P	Heating circuit DOW-HT7 14 B 0.915 30A2P 4
15 30A2P	Heating circuit DOW-HT7 15 C 0.915 30A2P 4
16 30A2P	Heating circuit DOW-HT7 16 A 0.915 30A2P 4
17 30A2P	Heating circuit DOW-HT7 17 B 0.915 30A2P 4
18 30A2P	Heating circuit DOW-HT7 18 C 0.915 30A2P 4
19 30A2P	Heating circuit DOW-HT7 19 A 0.915 30A2P 4
20 30A2P	Heating circuit DOW-HT7 20 B 0.915 30A2P 4
21 30A2P	Heating circuit DOW-HT7 21 C 0.915 30A2P 4
22 30A2P	Heating circuit DOW-HT7 22 A 0.915 30A2P 4
23 30A2P	Heating circuit DOW-HT7 23 B 0.915 30A2P 4
24 30A2P	Heating circuit DOW-HT7 24 C 0.915 30A2P 4
25 30A2P	Heating circuit DOW-HT7 25 A 0.915 30A2P 4
26 30A2P	Heating circuit DOW-HT7 26 B 0.915 30A2P 4
27 30A2P	Heating circuit DOW-HT7 27 C 0.915 30A2P 4
28 30A2P	Heating circuit DOW-HT7 28 A 0.915 30A2P 4
29 30A2P	Heating circuit DOW-HT7 29 B 0.915 30A2P 4
30 30A2P	Heating circuit DOW-HT7 30 C 0.915 30A2P 4
31 30A2P	Heating circuit DOW-HT7 31 A 0.915 30A2P 4
32 30A2P	Heating circuit DOW-HT7 32 B 0.915 30A2P 4
33 30A2P	Heating circuit DOW-HT7 33 C 0.915 30A2P 4
34 30A2P	Heating circuit DOW-HT7 34 A 0.915 30A2P 4
35 30A2P	Heating circuit DOW-HT7 35 B 0.915 30A2P 4
36 30A2P	Heating circuit DOW-HT7 36 C 0.915 30A2P 4
37 30A2P	Heating circuit DOW-HT7 37 A 0.915 30A2P 4
38 30A2P	Heating circuit DOW-HT7 38 B 0.915 30A2P 4
39 30A2P	Heating circuit DOW-HT7 39 C 0.915 30A2P 4
40 30A2P	Heating circuit DOW-HT7 40 A 0.915 30A2P 4
41 30A2P	Heating circuit DOW-HT7 41 B 0.915 30A2P 4
42 30A2P	Heating circuit DOW-HT7 42 C 0.915 30A2P 4
43 30A2P	Heating circuit DOW-HT7 43 A 0.915 30A2P 4
44 30A2P	Heating circuit DOW-HT7 44 B 0.915 30A2P 4
45 30A2P	Heating circuit DOW-HT7 45 C 0.915 30A2P 4
46 30A2P	Heating circuit DOW-HT7 46 A 0.915 30A2P 4
47 30A2P	Heating circuit DOW-HT7 47 B 0.915 30A2P 4
48 30A2P	Heating circuit DOW-HT7 48 C 0.915 30A2P 4
49 30A2P	Heating circuit DOW-HT7 49 A 0.915 30A2P 4
50 30A2P	Heating circuit DOW-HT7 50 B 0.915 30A2P 4
51 30A2P	Heating circuit DOW-HT7 51 C 0.915 30A2P 4
52 30A2P	Heating circuit DOW-HT7 52 A 0.915 30A2P 4
53 30A2P	Heating circuit DOW-HT7 53 B 0.915 30A2P 4
54 30A2P	Heating circuit DOW-HT7 54 C 0.915 30A2P 4
55 30A2P	Heating circuit DOW-HT7 55 A 0.915 30A2P 4
56 30A2P	Heating circuit DOW-HT7 56 B 0.915 30A2P 4
57 30A2P	Heating circuit DOW-HT7 57 C 0.915 30A2P 4
58 30A2P	Heating circuit DOW-HT7 58 A 0.915 30A2P 4
59 30A2P	Heating circuit DOW-HT7 59 B 0.915 30A2P 4
60 30A2P	Heating circuit DOW-HT7 60 C 0.915 30A2P 4
61 30A2P	Heating circuit DOW-HT7 61 A 0.915 30A2P 4
62 30A2P	Heating circuit DOW-HT7 62 B 0.915 30A2P 4
63 30A2P	Heating circuit DOW-HT7 63 C 0.915 30A2P 4
64 30A2P	Heating circuit DOW-HT7 64 A 0.915 30A2P 4
65 30A2P	Heating circuit DOW-HT7 65 B 0.915 30A2P 4
66 30A2P	Heating circuit DOW-HT7 66 C 0.915 30A2P 4
67 30A2P	Heating circuit DOW-HT7 67 A 0.915 30A2P 4
68 30A2P	Heating circuit DOW-HT7 68 B 0.915 30A2P 4
69 30A2P	Heating circuit DOW-HT7 69 C 0.915 30A2P 4
70 30A2P	Heating circuit DOW-HT7 70 A 0.915 30A2P 4
71 30A2P	Heating circuit DOW-HT7 71 B 0.915 30A2P 4
72 30A2P	Heating circuit DOW-HT7 72 C 0.915 30A2P 4
73 30A2P	Heating circuit DOW-HT7 73 A 0.915 30A2P 4
74 30A2P	Heating circuit DOW-HT7 74 B 0.915 30A2P 4
75 30A2P	Heating circuit DOW-HT7 75 C 0.915 30A2P 4
76 30A2P	Heating circuit DOW-HT7 76 A 0.915 30A2P 4
77 30A2P	Heating circuit DOW-HT7 77 B 0.915 30A2P 4
78 30A2P	Heating circuit DOW-HT7 78 C 0.915 30A2P 4
79 30A2P	Heating circuit DOW-HT7 79 A 0.915 30A2P 4
80 30A2P	Heating circuit DOW-HT7 80 B 0.915 30A2P 4
81 30A2P	Heating circuit DOW-HT7 81 C 0.915 30A2P 4
82 30A2P	Heating circuit DOW-HT7 82 A 0.915 30A2P 4
83 30A2P	Heating circuit DOW-HT7 83 B 0.915 30A2P 4
84 30A2P	Heating circuit DOW-HT7 84 C 0.915 30A2P 4
85 30A2P	Heating circuit DOW-HT7 85 A 0.915 30A2P 4
86 30A2P	Heating circuit DOW-HT7 86 B 0.915 30A2P 4
87 30A2P	Heating circuit DOW-HT7 87 C 0.915 30A2P 4
88 30A2P	Heating circuit DOW-HT7 88 A 0.915 30A2P 4
89 30A2P	Heating circuit DOW-HT7 89 B 0.915 30A2P 4
90 30A2P	Heating circuit DOW-HT7 90 C 0.915 30A2P 4
91 30A2P	Heating circuit DOW-HT7 91 A 0.915 30A2P 4
92 30A2P	Heating circuit DOW-HT7 92 B 0.915 30A2P 4
93 30A2P	Heating circuit DOW-HT7 93 C 0.915 30A2P 4
94 30A2P	Heating circuit DOW-HT7 94 A 0.915 30A2P 4
95 30A2P	Heating circuit DOW-HT7 95 B 0.915 30A2P 4
96 30A2P	Heating circuit DOW-HT7 96 C 0.915 30A2P 4
97 30A2P	Heating circuit DOW-HT7 97 A 0.915 30A2P 4
98 30A2P	Heating circuit DOW-HT7 98 B 0.915 30A2P 4
99 30A2P	Heating circuit DOW-HT7 99 C 0.915 30A2P 4
100 30A2P	Heating circuit DOW-HT7 100 A 0.915 30A2P 4
101 30A2P	Heating circuit DOW-HT7 101 B 0.915 30A2P 4
102 30A2P	Heating circuit DOW-HT7 102 C 0.915 30A2P 4
103 30A2P	Heating circuit DOW-HT7 103 A 0.915 30A2P 4
104 30A2P	Heating circuit DOW-HT7 104 B 0.915 30A2P 4
105 30A2P	Heating circuit DOW-HT7 105 C 0.915 30A2P 4
106 30A2P	Heating circuit DOW-HT7 106 A 0.915 30A2P 4
107 30A2P	Heating circuit DOW-HT7 107 B 0.915 30A2P 4
108 30A2P	Heating circuit DOW-HT7 108 C 0.915 30A2P 4
109 30A2P	Heating circuit DOW-HT7 109 A 0.915 30A2P 4
110 30A2P	Heating circuit DOW-HT7 110 B 0.915 30A2P 4
111 30A2P	Heating circuit DOW-HT7 111 C 0.915 30A2P 4
112 30A2P	Heating circuit DOW-HT7 112 A 0.915 30A2P 4
113 30A2P	Heating circuit DOW-HT7 113 B 0.915 30A2P 4
114 30A2P	Heating circuit DOW-HT7 114 C 0.915 30A2P 4
115 30A2P	Heating circuit DOW-HT7 115 A 0.915 30A2P 4
116 30A2P	Heating circuit DOW-HT7 116 B 0.915 30A2P 4
117 30A2P	Heating circuit DOW-HT7 117 C 0.915 30A2P 4
118 30A2P	Heating circuit DOW-HT7 118 A 0.915 30A2P 4
119 30A2P	Heating circuit DOW-HT7 119 B 0.915 30A2P 4
120 30A2P	Heating circuit DOW-HT7 120 C 0.915 30A2P 4
121 30A2P	Heating circuit DOW-HT7 121 A 0.915 30A2P 4
122 30A2P	Heating circuit DOW-HT7 122 B 0.915 30A2P 4
123 30A2P	Heating circuit DOW-HT7 123 C 0.915 30A2P 4
124 30A2P	Heating circuit DOW-HT7 124 A 0.915 30A2P 4
125 30A2P	Heating circuit DOW-HT7 125 B 0.915 30A2P 4
126 30A2P	Heating circuit DOW-HT7 126 C 0.915 30A2P 4
127 30A2P	Heating circuit DOW-HT7 127 A 0.915 30A2P 4
128 30A2P	Heating circuit DOW-HT7 128 B 0.915 30A2P 4
129 30A2P	Heating circuit DOW-HT7 129 C 0.915 30A2P 4
130 30A2P	Heating circuit DOW-HT7 130 A 0.915 30A2P 4
131 30A2P	Heating circuit DOW-HT7 131 B 0.915 30A2P 4</