

APPARATUS GRAND ISLAND - NORTH HERO BRIDGE STATE OF VERMONT SHEET 3
CONTROL CUBICLE - GEN'L. ASS'Y.

DWG.	23-B-9041	SUB. 1 & 3	FINISH CHART	10052	
SYMBOL	DESCRIPTION - MATERIAL - REF. DWG. DIMENSIONS IN INCHES	STYLE NO.	PAT. NO.	REQ.	TOOL RECORD SPACE
46	TYPE CT-B TRANS. 300/5A.	1603966		2	
47	TYPE CD DISTRIBUTION TRANSF. 1PH-3W-7.5KVA 220/110-220V. 1T. 1 OF T.S.			1	
48	MAIN TERMINALS 1/2 IN.	1280077		3	1/2 DIA. HOLES
49	MOTOR TERMINALS 3/8 IN.	1280076		2	1/2 DIA. HOLES
50	CONTROL TERMINALS (25A.)	1302543		140	
51	MTG. FOR IT. 50 LINE 4 DWG. 7C-9105			2	
52	MAIN CONN. 300 IN. OF 24-0-20401A. CU. WIRE 7/16-1			1	
53	CONTROL CONN. 2500 IN. OF 10-0-10201A. CU. WIRE 7/16-1			1	
54	NAMEPLATE #43956A			1	
55	NAMEPLATE #256811X31 LINE 11-151 OF N.P. TBL. DWG. 33-A-6795			50	
56	RESISTOR FOR IT. 8 400 OHM. TUBE	180569		1	
57	MTG. FOR IT. 8 DWG. 58-0-465 COMB. 1			1	D.P. 58-0-465 COMB. 1
58	SPACE LEATHER (650W.) 100 11IN.	12-9016		2	
59	MTG. FOR IT. 50 LINE 4 DWG. 61-0-3710 50" APART			2	1/2 DIA. HOLES
60	PANEL SPACERS	976904		16	
61	TERL. BLK. HOLDER	14-7691		6	
62	MTG. FOR IT. 5. 19-20 LINE 2 DWG.			2	
63	MTG. FOR IT. 5. 21 TO 24 LINE 2 DWG. 64-0-5448			7	
64	MTG. FOR IT. 25 LINE 1			11	
65	MTG. FOR IT. 5. 889 LINE 2 DWG. 22-0-3891			3	
66	SCREWS FOR ASB. PANEL	11-6485		58	
67	SCREWS FOR STL. PANEL	11-6482		46	
68	SIDE IT. 288 DWG. 25-A-8881 (1 OF 11)			REF.	P.S. 23-B-9041 A-6R
69	TERM. BLK. 5 FT.	1156316		2	
70	WIRING DIA. 33-A-6797			REF.	
71	GEN. WIRING DWG. 33-A-6795			REF.	
72	MAIN CONN. 300 IN. OF 24-0-20401A. CU. WIRE 7/16-1			1	
73	MTG. FOR IT. 50 LINE 5 DWG. 7C-9105			1	

CONTINUED ON SHEET 4

APPARATUS GRAND ISLAND - NORTH HERO BRIDGE STATE OF VERMONT SHEET 3
CONTROL CUBICLE - GEN'L. ASS'Y.

DWG.	23-B-9041	SUB. 1 & 3	FINISH CHART	10052	
SYMBOL	DESCRIPTION - MATERIAL - REF. DWG. DIMENSIONS IN INCHES	STYLE NO.	PAT. NO.	REQ.	TOOL RECORD SPACE
1	CABINET LIN. 1 DWG. 35-A-2084			1	
2	PANEL 1 1/2X16X40 1/2 1/2 DEV. EB.	15		1	23-B-9041 A-2
3	PANEL 1 1/2X28X40 1/2 1/2 DEV. EB.	15		1	23-B-9041 A-3
4	PANEL 1 1/2X28X28 P.S. 185421	15		1	23-B-9041 A-4
5	PANEL 1 1/2X32X40	15		1	23-B-9041 A-5
6	COVER IT. 5 DWG. 35-A-4084			REF.	P.S. 23-B-9041 A-6
7	COVER IT. 5 DWG. 35-A-4084			REF.	FIG. 23-B-9041 A-7
8	TYPE AB BREAKER K FRAME 3 P. 225A. 250V. WITH 1/2 HP		MAIN LINE	1	D.P. FIG. 23-B-9041 A-8
9	TYPE AB BREAKER K FRAME 3 P. 125A. 250V.	1310877		2	
10	STUDS FOR IT. 8 & 9 1/2X3 1/4	1241345		18	
11	SCREWS FOR IT. 8 & 9	1241361		18	
12	NR-350 CONTACTOR	1490470		4	D.P. 21-D-2105
13	COIL FOR IT. 12 220V. 60CY.	1490646		4	
14	L-60 INTLK. (M) FOR IT. 12 LINE 5			4	
15	L-60 INTLK. (B) FOR IT. 12 LINE 6			4	
16	N-28 MECH. INTLK. FOR IT. 12 COMB. 1			4	
17	RVSR OVERLOAD RELAY 2P. AUTO RESET	841350		2	D.P. FIG. 11-D-2240-1020
18	COIL FOR IT. 17(1) AMP. COIL DET. STUD	744752		4	D.P. 67-66712
19	TYPE AB BREAKER E FRAME 2P. 25A. 250V.	999085	CONTROL	1	D.P. FIG. 42 DWG.
20	TYPE AB BREAKER E FRAME 2P. 50A. 250V.	999086	LIGHTING	1	D.P. 31-A-6248
21	TYPE AB BREAKER E FRAME 3P. 25A. 250V.	999024	BRAKE	2	D.P. FIG. 43 DWG.
22	TYPE AB BREAKER E FRAME 3P. 25A. 250V.	999024	GATE	2	D.P. 31-A-6448
23	TYPE AB BREAKER E FRAME 3P. 50A. 250V.	999025	W. BRAKE	2	D.P. FIG. 43 DWG.
24	TYPE AB BREAKER E FRAME 3P. 50A. 250V.	999025	LOCK	1	D.P. 31-A-6448
25	TYPE AB BREAKER E FRAME 1P. 10A. 250V.	999002	LIGHTING	11	D.P. FIG. 41 DWG. 31-A-6448
26	STUDS FOR IT. 19-25			REF.	(PART OF IT. 42-43 OF REF.)
27	FUSE 3A. 250V.	17154		6	D.P. 48-C-8201
28	FUSE HOLDER	1115238		12	
29	TYPE CP REVERSE PHASE RELAY 220V. 60CY.	1056286		1	D.P. 63-D-301-01-3
30	RESISTOR FOR IT. 29	1056286		REF.	D.P. PER FIG. 42
31	N-130 CONTACTOR WITH 220V. COIL	1577230	BRAKES	4	D.P. 22-D-7876

CONTINUED ON SHEET 2

APPARATUS GRAND ISLAND - NORTH HERO BRIDGE STATE OF VERMONT SHEET 4
CONTROL CUBICLE - GEN'L. ASS'Y.

DWG.	23-B-9041	SUB. 1 & 3	FINISH CHART	10052
LINE NO.	DESCRIPTION	ITEMS THIS DWG.	RLC.	
1	CONTROL CUBICLE COMPL.	1 TO 73	1	

FINISH - INSIDE & OUTSIDE - CNECCAT ZINC CHROMATE PRIMER, YELLOW, PLUS TWO COATS LIGHT GREY (MACH. TOOL) LACQUER.
* PUR. FR. EAGLE SIGNAL CORP. MOLINE, ILL.
* ORDERED BY ENG. ON INTERWORKS REQ.

APPARATUS GRAND ISLAND - NORTH HERO BRIDGE STATE OF VERMONT SHEET 4
CONTROL CUBICLE - GEN'L. ASS'Y.

DWG.	23-B-9041	SUB. 1 & 3	FINISH CHART	10052	
SYMBOL	DESCRIPTION - MATERIAL - REF. DWG. DIMENSIONS IN INCHES	STYLE NO.	PAT. NO.	REQ.	TOOL RECORD SPACE
32	L-51 INTLK. (B) FOR IT. 31	1314885		4	
33	N-130 REVER. LINE STARTER WITH 220V. COIL	1578110	GATES	2	D.P. 14-C-8670
34	L-51 INTLK. (B) FOR IT. 33	1314885		4	
35	HEATER FOR IT. 33 (2.6 AMPS)	966478		4	
36	N-130 REVER. LINE STARTER WITH 220V. COIL	1578110	LOCK	1	D.P. 14-C-8670
37	L-51 INTLK. (B) FOR IT. 36	1314885		4	
38	HEATER FOR IT. 36 (19.5 AMPS)	966478		4	
39	N-220 CONTACTOR WITH 220V. COIL	1578793	LV SEATING	4	D.P. 23-D-5875
40	L-50 INTLK. (M) FOR IT. 39	1314880		4	
41	N-040 CONTACTOR WITH 220V. COIL	1578094	TRAFFIC	1	D.P. 23-D-5947
42	L-50 INTLK. (B) FOR IT. 41	1314881		4	
43	TYPE AM TIMING RELAY (T.D. WHEN W-HERG. TEST)	1502493		1	D.P. 18-U-9745
44	TYPE 700 PHOTO-ELECTRIC CONTROLLER		NAVIG. LIGHTS	1	
45	TYPE 10-11 SIGNAL LIGHT FLASHER RELAY 220V.			1	D.P. PER FIG. 71

WESTINGHOUSE ELECTRIC CORPORATION
TITLE GRAND ISLAND - NORTH HERO BRIDGE STATE OF VERMONT CONTROL CUBICLE - GEN'L. ASSY ON 33-A-6795
DIMENSIONS IN INCHES - SCALE BILL OF MATERIAL
DFTM: P. BECKER 11/15/50 APPD: E. Thomas 11/15/50
CHKD: A.C.S. 11/15/50 APPD: 11/15/50
DIV. & PLANT LOCATION BUFFALO DIVISIONS, BUFFALO, N. Y., U.S.A.
ENG. DEPT. FORM NO. 18167-B

SO. D. 5. 926
1
D. 1
IT. 1
1. 50 10.5 926
2. 1/2 WAS 1/25 REC.
3. 727 WERE NOT DM.
4. 1/2 WAS 1/25 REC.
5. 1/2 WAS 1/25 REC.
6. 1/2 WAS 1/25 REC.
7. 1/2 WAS 1/25 REC.
8. 1/2 WAS 1/25 REC.
9. 1/2 WAS 1/25 REC.
10. 1/2 WAS 1/25 REC.
11. 1/2 WAS 1/25 REC.
12. 1/2 WAS 1/25 REC.
13. 1/2 WAS 1/25 REC.
14. 1/2 WAS 1/25 REC.
15. 1/2 WAS 1/25 REC.
16. 1/2 WAS 1/25 REC.
17. 1/2 WAS 1/25 REC.
18. 1/2 WAS 1/25 REC.
19. 1/2 WAS 1/25 REC.
20. 1/2 WAS 1/25 REC.
21. 1/2 WAS 1/25 REC.
22. 1/2 WAS 1/25 REC.
23. 1/2 WAS 1/25 REC.
24. 1/2 WAS 1/25 REC.
25. 1/2 WAS 1/25 REC.
26. 1/2 WAS 1/25 REC.
27. 1/2 WAS 1/25 REC.
28. 1/2 WAS 1/25 REC.
29. 1/2 WAS 1/25 REC.
30. 1/2 WAS 1/25 REC.
31. 1/2 WAS 1/25 REC.
32. 1/2 WAS 1/25 REC.
33. 1/2 WAS 1/25 REC.
34. 1/2 WAS 1/25 REC.
35. 1/2 WAS 1/25 REC.
36. 1/2 WAS 1/25 REC.
37. 1/2 WAS 1/25 REC.
38. 1/2 WAS 1/25 REC.
39. 1/2 WAS 1/25 REC.
40. 1/2 WAS 1/25 REC.
41. 1/2 WAS 1/25 REC.
42. 1/2 WAS 1/25 REC.
43. 1/2 WAS 1/25 REC.
44. 1/2 WAS 1/25 REC.
45. 1/2 WAS 1/25 REC.
46. 1/2 WAS 1/25 REC.
47. 1/2 WAS 1/25 REC.
48. 1/2 WAS 1/25 REC.
49. 1/2 WAS 1/25 REC.
50. 1/2 WAS 1/25 REC.
51. 1/2 WAS 1/25 REC.
52. 1/2 WAS 1/25 REC.
53. 1/2 WAS 1/25 REC.
54. 1/2 WAS 1/25 REC.
55. 1/2 WAS 1/25 REC.
56. 1/2 WAS 1/25 REC.
57. 1/2 WAS 1/25 REC.
58. 1/2 WAS 1/25 REC.
59. 1/2 WAS 1/25 REC.
60. 1/2 WAS 1/25 REC.
61. 1/2 WAS 1/25 REC.
62. 1/2 WAS 1/25 REC.
63. 1/2 WAS 1/25 REC.
64. 1/2 WAS 1/25 REC.
65. 1/2 WAS 1/25 REC.
66. 1/2 WAS 1/25 REC.
67. 1/2 WAS 1/25 REC.
68. 1/2 WAS 1/25 REC.
69. 1/2 WAS 1/25 REC.
70. 1/2 WAS 1/25 REC.
71. 1/2 WAS 1/25 REC.
72. 1/2 WAS 1/25 REC.
73. 1/2 WAS 1/25 REC.
74. 1/2 WAS 1/25 REC.
75. 1/2 WAS 1/25 REC.
76. 1/2 WAS 1/25 REC.
77. 1/2 WAS 1/25 REC.
78. 1/2 WAS 1/25 REC.
79. 1/2 WAS 1/25 REC.
80. 1/2 WAS 1/25 REC.
81. 1/2 WAS 1/25 REC.
82. 1/2 WAS 1/25 REC.
83. 1/2 WAS 1/25 REC.
84. 1/2 WAS 1/25 REC.
85. 1/2 WAS 1/25 REC.
86. 1/2 WAS 1/25 REC.
87. 1/2 WAS 1/25 REC.
88. 1/2 WAS 1/25 REC.
89. 1/2 WAS 1/25 REC.
90. 1/2 WAS 1/25 REC.
91. 1/2 WAS 1/25 REC.
92. 1/2 WAS 1/25 REC.
93. 1/2 WAS 1/25 REC.
94. 1/2 WAS 1/25 REC.
95. 1/2 WAS 1/25 REC.
96. 1/2 WAS 1/25 REC.
97. 1/2 WAS 1/25 REC.
98. 1/2 WAS 1/25 REC.
99. 1/2 WAS 1/25 REC.
100. 1/2 WAS 1/25 REC.