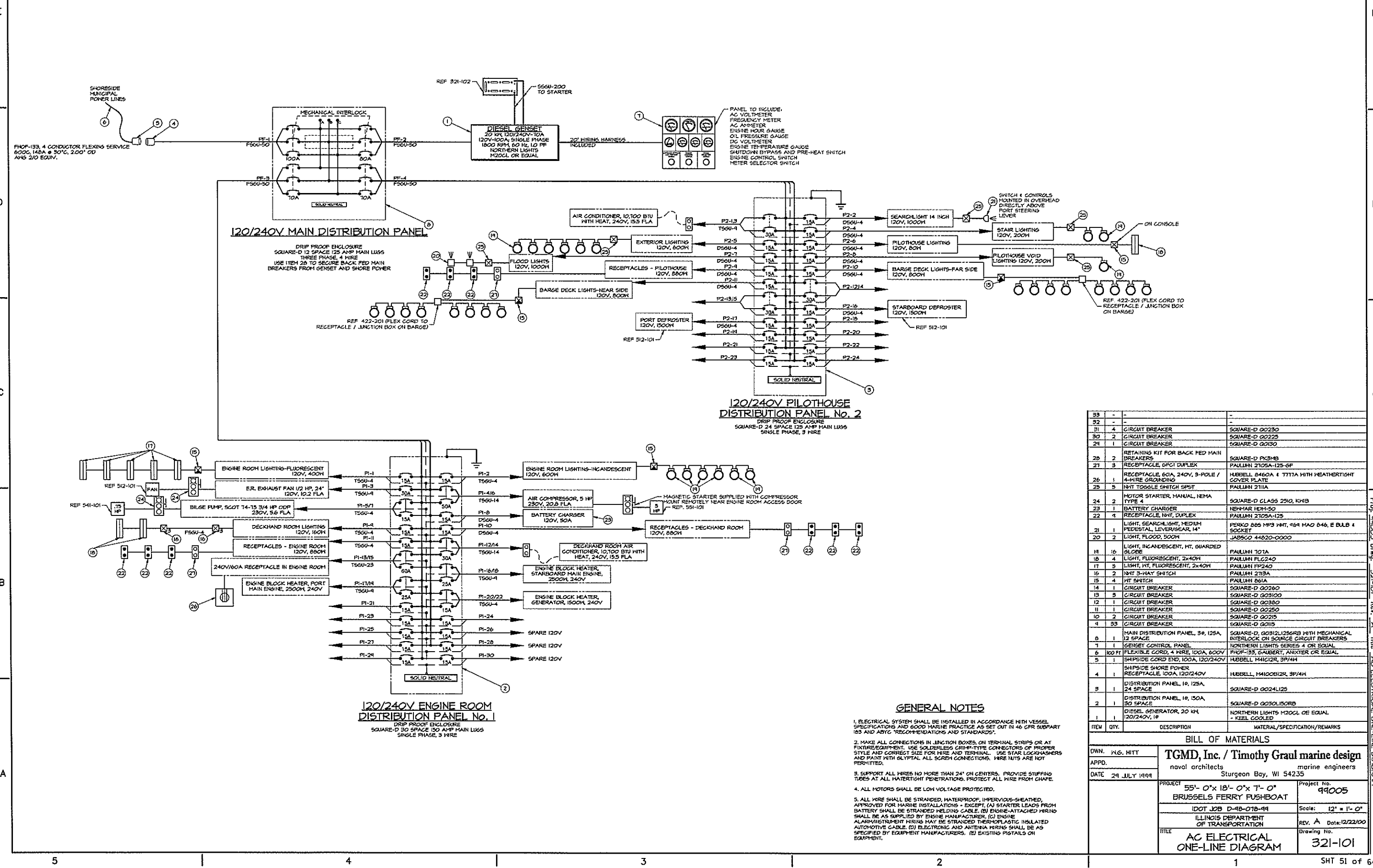


REVISIONS			
LT#	DESCRIPTION	DATE	APPROVED
-	FIRST ISSUE	07/29/99	
A	CHANGE PANEL FEED BREAKERS (100A TO 75A)	12/22/00	



QTY	DESCRIPTION	MATERIAL/SPECIFICATION/REMARKS
33	CIRCUIT BREAKER	SQUARE-D QO230
31	CIRCUIT BREAKER	SQUARE-D QO225
30	CIRCUIT BREAKER	SQUARE-D QO150
24	CIRCUIT BREAKER	SQUARE-D QO150
28	RETAINING KIT FOR BACK FED MAIN BREAKERS	SQUARE-D PK2MB
27	RECEPTACLE, GFCI DUPLEX	PAULHNI 2T05A-125-6F
26	RECEPTACLE, 60A, 240V, 3-POLE / 4-WIRE GROUNDING	HUBBELL 8460A 4 TTTTA WITH WEATHERTIGHT COVER PLATE
25	INT TOGGLE SWITCH SPST	PAULHNI 2T11A
24	MOTOR STARTER, MANUAL, NEMA TYPE 4	SQUARE-D CLASS 2310, 1041B
23	BATTERY CHARGER	NEH-MAR 1EM-50
22	RECEPTACLE, INT, DUPLEX	PAULHNI 2T05A-125
21	LIGHT, SEARCHLIGHT, MEDIUM PEDESTAL, LEVER/GEAR, 14"	PERKO 285 14"3 WHT, 16" HAD 8-46, E BULB & SOCKET
20	LIGHT, FLOOD, 500W	JABSCO 44820-0000
19	LIGHT, INCANDESCENT, HT, GUARDED GLOBE	PAULHNI 707A
18	LIGHT, FLUORESCENT, 2x40W	PAULHNI FLC240
17	LIGHT, HT FLUORESCENT, 2x40W	PAULHNI FP240
16	INT 3-WAY SWITCH	PAULHNI 2T13A
15	INT SWITCH	PAULHNI 681A
14	CIRCUIT BREAKER	SQUARE-D QO260
13	CIRCUIT BREAKER	SQUARE-D QO3100
12	CIRCUIT BREAKER	SQUARE-D QO380
11	CIRCUIT BREAKER	SQUARE-D QO250
10	CIRCUIT BREAKER	SQUARE-D QO215
9	CIRCUIT BREAKER	SQUARE-D QO115
8	MAIN DISTRIBUTION PANEL, 30, 125A, 12 SPACE	SQUARE-D, G0812L256R3 WITH MECHANICAL INTERLOCK ON SOURCE CIRCUIT BREAKERS
7	GENSET CONTROL PANEL	NORTHERN LIGHTS SERIES 4 OR EQUAL
6	100 FT FLEXIBLE CORD, 4 WIRE, 100A, 600V	PHOF-35, GAUBERT, ANXITER OR EQUAL
5	SHIPSIDE SHORE POWER RECEPTACLE, 100A, 120/240V	HUBBELL 1M1G12R, 3P/4W
4	DISTRIBUTION PANEL, 10, 125A, 24 SPACE	SQUARE-D QO24L125
3	DISTRIBUTION PANEL, 10, 150A, 30 SPACE	SQUARE-D QO30L150B
2	DIESEL GENERATOR, 20 KW, 120/240V, 10	NORTHERN LIGHTS M20GL OR EQUAL - KEEL COOLED

BILL OF MATERIALS			
OWN.	H.G. HITT	TGMD, Inc. / Timothy Graul marine design naval architects Sturgeon Bay, WI 54235	
APPD.			
DATE	24 JULY 1999	PROJECT	55'-0"x 18'-0"x 7'-0" BRUSSELS FERRY FUSHBOAT
		PROJECT No.	99005
		IDOT JOB	D-48-07B-11
		Scale:	12" = 1'-0"
		ILLINOIS DEPARTMENT OF TRANSPORTATION	REV. A Date: 12/22/00
		TITLE	AC ELECTRICAL ONE-LINE DIAGRAM
		Drawing No.	321-101

Proj. 99005 DWG. 321-101 Rev. A Title AC ELECTRICAL ONE-LINE DIAGRAM