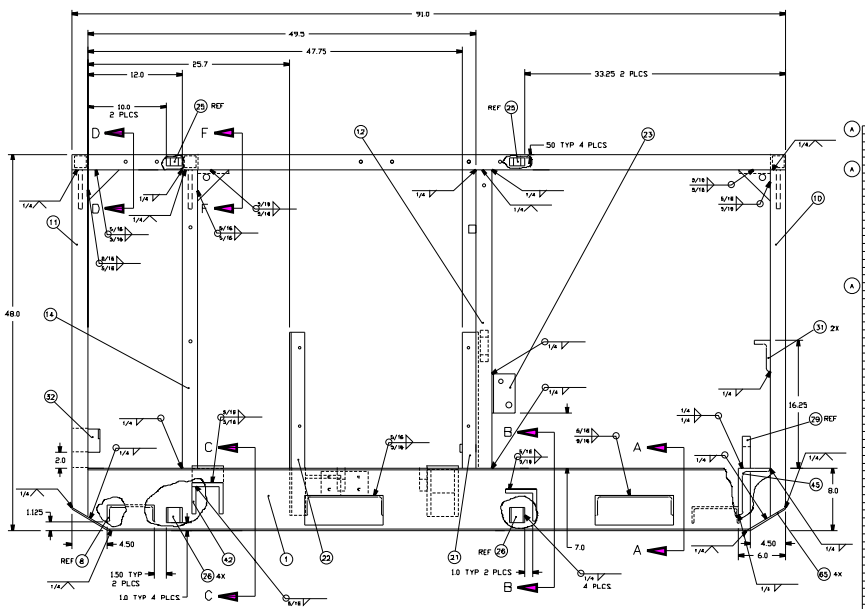
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
E-3	A	1. PART LIST, NOTES, FOR BOM ITEM #'S 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65 REF. MAKE: 82647-000-100 -AB 2. SHT 8 IN NEW 31 AND 32 ADD NOTE SHT AND LIST SHEET. 3. SHT 1 ADDED -100 -AB		
E-4				



FRONT VIEW

SHEET OF REVISION APPLICABILITY							
SHEET	REV						
1	A						
2							
3							
4							
5	A						
6	A						
7	A						
8							

FIND NO	QTY REQD	CHGS CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL OR NOTE
67	1	OWNHS	-48	BRACKET, UPPER PUMP HANDLE	
66	AR			3" x 1/4" FLATBAR	8061-16
65	4	OWNHS	-47	PLATE, END	
64	1	OWNHS	-46	BLOCK, LEFT PANEL SUPPORT	
63	AR			2" X 1/4" FLATBAR	8061-16
62	AR			1/2" x 5" FLATBAR	8061-16
61	AR			4" x 4" x 1/2" ANGLE	8061-16
60	AR			1/2" X 5" FLAT BAR	8061-16
59	AR			1 1/2" X 1 1/2" X 1/4" ANGLE	8061-16
58	AR			1" x 3" FLAT BAR	8061-16
57	AR			1" x 4" FLAT BAR	8061-16
56	AR			1/8" PLATE	8061-16
55	AR			1" x 2" FLAT BAR	8061-16
54	AR			3" x 4" x 1/4" ANGLE	8061-16
53	AR			2" x 2" x 1/4" ANGLE	8061-16
52	AR			1/2" x 3" FLAT BAR	8061-16
51	AR			3" x 3" x 1/4" SQ TUBE	8061-16
50	AR			6" CHANNEL 4.48 LBS PER FT	8061-16
49	AR			4" x 4" x 1/2" ANGLE	8061-16
48	AR			10" CHANNEL 5.278 LBS PER FT	8061-16
47	AR			2" x 4" x 1/4" ANGLE	8061-16
46	AR			8" CHANNEL 8.484 LBS PER FT	8061-16
45	1	OWNHS	-45	SUPPORT, QUICK DISCONNECT	
44	1	OWNHS	-44	BRACE, RIGHT PANEL SUPPORT	
43	1	OWNHS	-43	BRACE, LEFT PANEL SUPPORT	
42	1	OWNHS	-42	BRACE, FRONT ENGINE MOUNT	
41	1	OWNHS	-41	PLATE, HAND PUMP MOUNTING	
40	1	OWNHS	-40	PLATE, RELIEF VALVE MOUNTING	
39	1	OWNHS	-39	PLATE, FRONT ACCUMULATOR MOUNTING	
38	1	OWNHS	-38	PLATE, REAR ACCUMULATOR MOUNTING	
37	1	OWNHS	-37	BRACKET, UPPER PUMP HANDLE WELDMENT	
36	1	OWNHS	-36	BRACKET, LOWER PUMP HANDLE	
35	1	OWNHS	-35	SUPPORT, TOP LEFT OIL COOLER	
34	1	OWNHS	-34	SUPPORT, TOP RIGHT OIL COOLER	
33	1	OWNHS	-33	SUPPORT, BOTTOM LEFT OIL COOLER	
32	1	OWNHS	-32	SUPPORT, BOTTOM RIGHT OIL COOLER	
31	2	OWNHS	-31	SUPPORT, RESERVOIR	
30	2	OWNHS	-30	BRACKET, FLOW METER	
29	1	OWNHS	-29	BRACKET, QUICK DISCONNECT	
28	4	OWNHS	-28	TUBE, SPACERS	
27	4	OWNHS	-27	BLOCK, SPACERS	
26	1	OWNHS	-26	BRACKET, ACCUMULATOR FILTER	
25	1	OWNHS	-25	BRACKET, FUEL VALVE	
24	1	OWNHS	-24	SUPPORT, LEFT PANEL	
23	1	OWNHS	-23	SUPPORT, RIGHT PANEL	
22	1	OWNHS	-22	SUPPORT, LEFT PANEL	
21	1	OWNHS	-21	SUPPORT, RIGHT PANEL	
20	2	OWNHS	-20	HORIZONTAL TUBE	
19	1	OWNHS	-19	HORIZONTAL TUBE	
18	2	OWNHS	-18	HORIZONTAL TUBE	
17	8	OWNHS	-17	GUSSET, SUPPORT	
16	4	OWNHS	-16	GUSSET, HOLDOWN	
15	4	OWNHS	-15	GUSSET, LIFTING	
14	1	OWNHS	-14	VERTICAL TUBE	
13	1	OWNHS	-13	VERTICAL TUBE	
12	2	OWNHS	-12	VERTICAL TUBE	
11	1	OWNHS	-11	VERTICAL TUBE	
10	2	OWNHS	-10	VERTICAL TUBE	
9	1	OWNHS	-9	SUPPORT, FILTER	
8	1	OWNHS	-8	SUPPORT, RADIATOR	
7	1	OWNHS	-7	SUPPORT, FRONT ENGINE	
6	1	OWNHS	-6	SUPPORT, REAR ENGINE	
5	2	OWNHS	-5	RUNNER, FORKLIFT	
4	1	OWNHS	-4	PLATE, LEFT END	
3	1	OWNHS	-3	PLATE, RIGHT END	
2	1	OWNHS	-2	SHD, REAR	
1	1	OWNHS	-1	SHD, FRONT	

PARTS LIST

HIGHSTAR INDUSTRIAL TECHNOLOGIES
3301-A BALLARD AVENUE, PORTSMOUTH, VA 23701

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND REMOVE ALL BURRS AND SHARP EDGES

± DECIMAL ± FR DECIMAL ± FR DECIMAL ANGLE
± .05 ± .02 ± .016 ± 2°

FINISH: BURR AND SHARP EDGES REMOVED TO 1/32 MAX.
FINISH: PER SPEC
MATERIAL: PER SPEC
PROCESS: ±1/16

DESIGNED	L MURPHY	
DRAWN	G BUSCH	
TRACED		
CHECKED	L MURPHY	
ENGINEER		
APPROVED BY	GARY VAN NOLDEN	
SIZE	CODE IDENT NO.	REV
A	82647-100	
DATE	2-10-97	
MATERIAL	N/A	

U.S. COAST GUARD HEADQUARTERS
CIVIL ENGINEERING

MODEL 82647CG HVPU
FRAME ASSEMBLY

TYPE	JOB CODE	DRAWING NO	REV
F	OMWHO	826010CG	A

SCALE: 1"=4" SHEET 1 OF 8 CADD