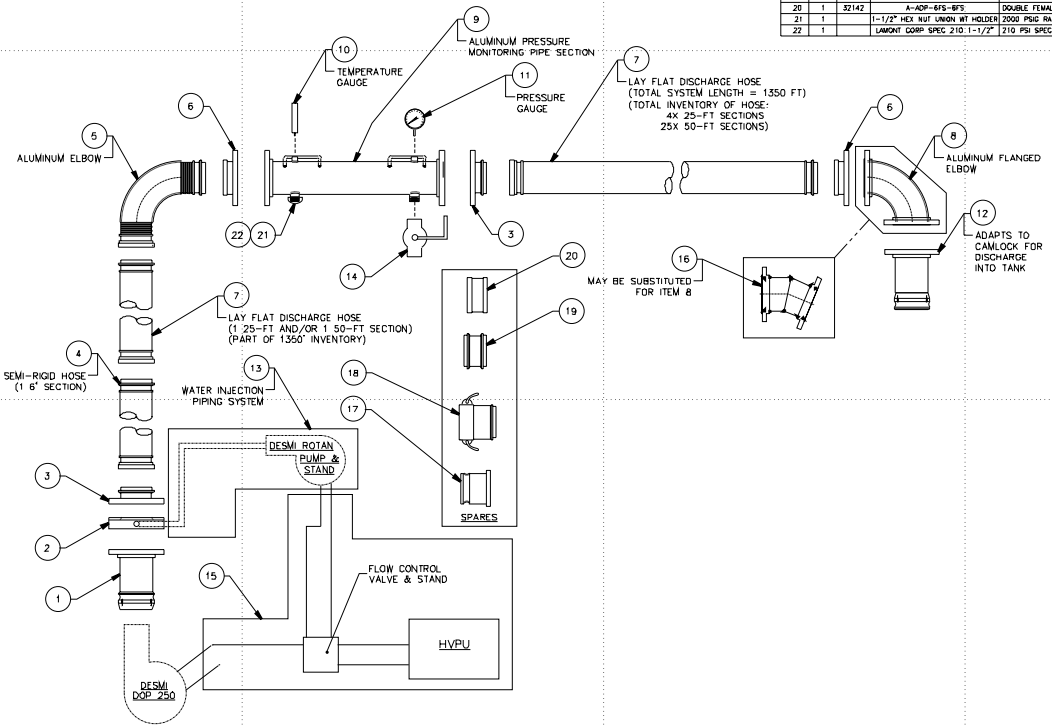
NOTE:

1. SYSTEM ALLOWABLE SAFE WORKING PRESSURE IS 150 PSIG FROM PUMP TO DISCHARGE ELBOW.
2. HOSE PROCURED ON A PER SYSTEM REQUIREMENT BASIS.

PARTS LIST

FIND NO	QTY REQD	CAGE CODE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL OR NOTE
1	1	53711	177011	DESMI DISCHARGE FLANGE (DESMI TO ANSI 150# FLG)	AL
2	1	53711	177001	H20 INJECTION ANNULUS FLANGE	VARIOUS
3	3	32142	A-ADP-6F-6MS	FLANGE TO MALE SPLIT CLAMP	AL
4	2	53711	177007	SEMI-RIGID HOSE SECTION	VARIOUS
5	1	53711	177003	HYDRASEARCH LONG RADIUS ELBOW	AL
6	3	32142	A-ADP-6FS-6F	FEMALE SPLIT CLAMP TO FLANGE	AL
7	AR	53711	177008	PRODUCT LAY FLAT DISCHARGE HOSE	NOTE 2
8	1	53711	177004	ANSI FLANGE LONG RADIUS ELBOW	VARIOUS
9	1	53711	177005	PRESSURE MONITORING PIPE	VARIOUS
10	1	15806	MODEL J-SF ABBEON	TEMPERATURE GAUGE, MODEL J, 0-200°, 4" STEM, 1/2 NPT	SST
11	1	15806	PMI0C1, 1/2 NPT, A, P20	PRESSURE GAUGE, 0-200 PSI, W/4" DIAL	SST
12	1	53711	177009	CAMLOCK DISCHARGE FLANGE	VARIOUS
13	1	53711	177010	WATER INJECTION PIPING SYSTEM	VARIOUS
14	1		DIXON VALVE CO. SSLBV150	BALL VALVE, 1-1/2", LOCKING HANDLE	BRASS
15	1	53711	177012	HYDRAULIC POWER SUPPLY SYSTEM	VARIOUS
16	1	53711	177006	22.5° ANSI FLANGED ELBOW	VARIOUS
17	2	32142	A-ADP-6FS-6CMG	MALE CAMLOCK TO FEMALE HYDRASEARCH	AL
18	2	32142	A-ADP-6CCS-6MS	FEMALE CAMLOCK TO MALE HYDRASEACH	AL
19	1	32142	A-ADP-6MS-6MS	DOUBLE MALE HYDRASEARCH ADAPTOR	AL
20	1	32142	A-ADP-6FS-6FS	DOUBLE FEMALE HYDRASEARCH ADAPTOR	AL
21	1		1-1/2" HEX NUT UNION INT HOLDER	2000 PSIG RATED HOLDER, SS/IN - SS/OUT	AL
22	1		LAMONT CORP SPEC 210 1-1/2"	210 PSI SPEC. RUPTURE DISC	AL



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES: DIM OE-S-18 ANG OE-S-19

GPC - A JOINT VENTURE
WILLIAMSBURG, VA
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CONSULTANTS

DEPARTMENT OF THE NAVY
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WASHINGTON, D.C. 20362

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23185

NAVSEA DWG NO.
7022708

U. S. COAST GUARD
OCEAN ENGINEERING DIV.
WASHINGTON, DC

USCG. COMDT G-SEC-2
2100 2ND STREET SW
WASHINGTON, DC 20593-0001

ISSUE

MARK	DATE	DESCRIPTION

REFER TO NAVSEA DWG FOR REVISIONS

A/E PROJECT NO. N00024-96-D-4107
CAD FILE NAME: Z177002D01.DWG
DESIGNED BY: C. MOFFATT 1/28/00
DRAWN BY: R. NAZARETH 1/28/00
EDITED BY:
CHECKED BY: C. MOFFATT 1/28/00

SCALE: PLOT SCALE: 1=1

SHEET TITLE

VISCOUS OIL PUMPING SYSTEM
G-SEC-2C
WASHINGTON DC
PRODUCT PIPING LAYOUT

ASSEMBLY

REVIEWED BY: PCN	REVIEWED BY: BS	REVIEWED BY: RNL
PROJECT ENG	BRANCH CHIEF	G-SEC-2

W.P. LAYNE, CAPT. USCG — CHIEF, CML ENG
03/15/01 — DATE

PROJECT NUMBER
DRAWING NUMBER 177002
DISCIPLINE/SHT NO Z177002D01
SHEET 1 OF 1