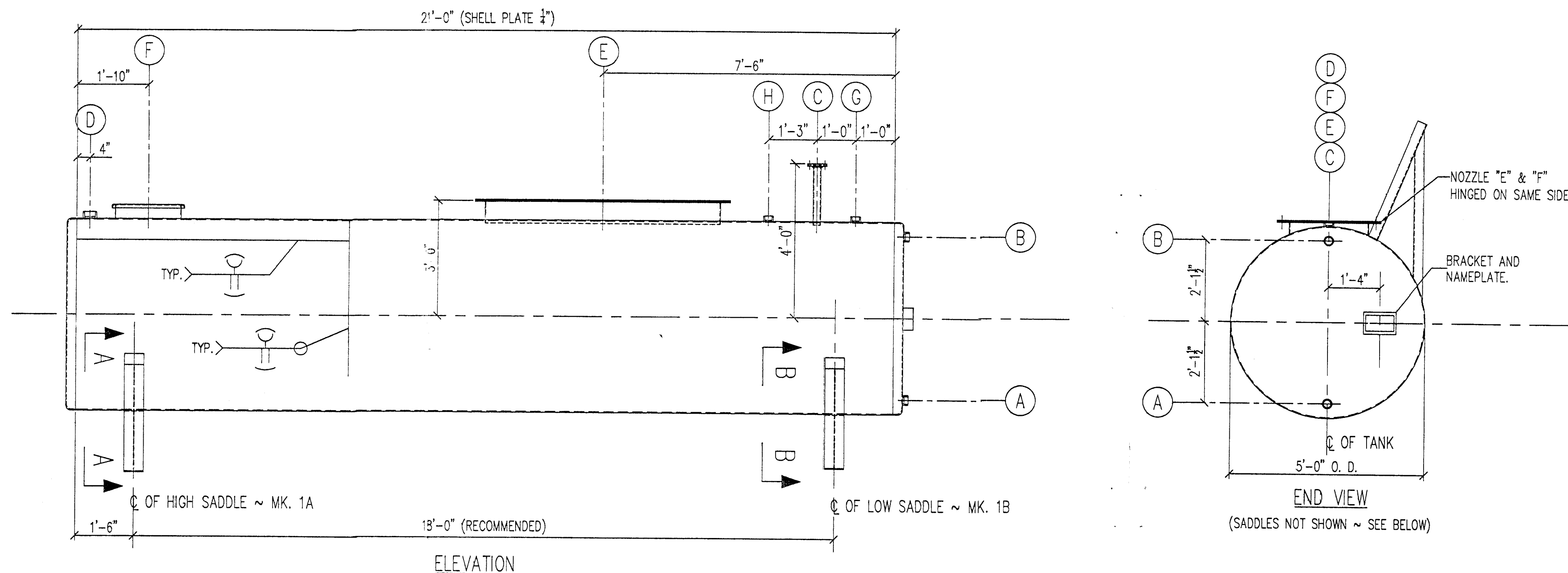




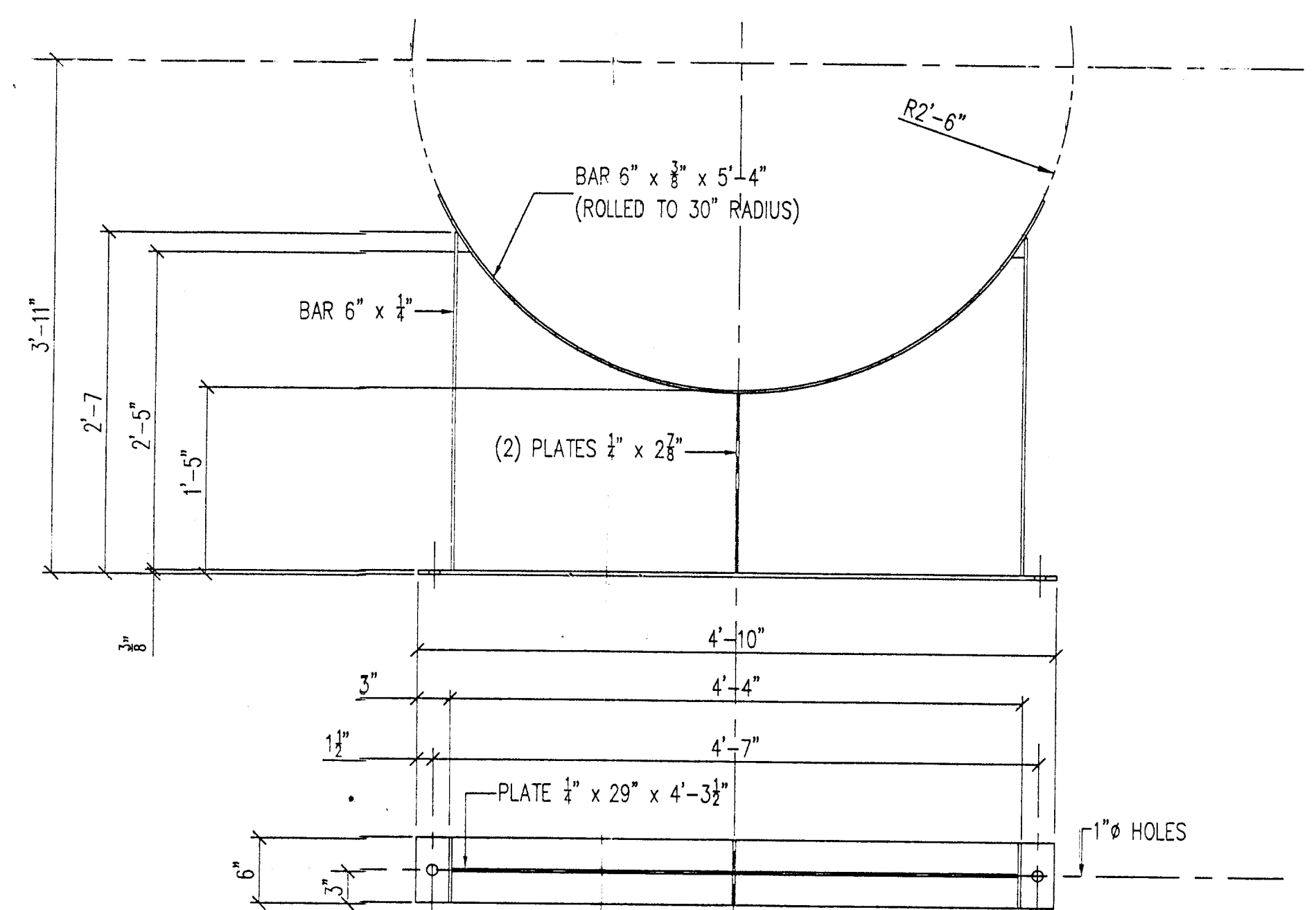
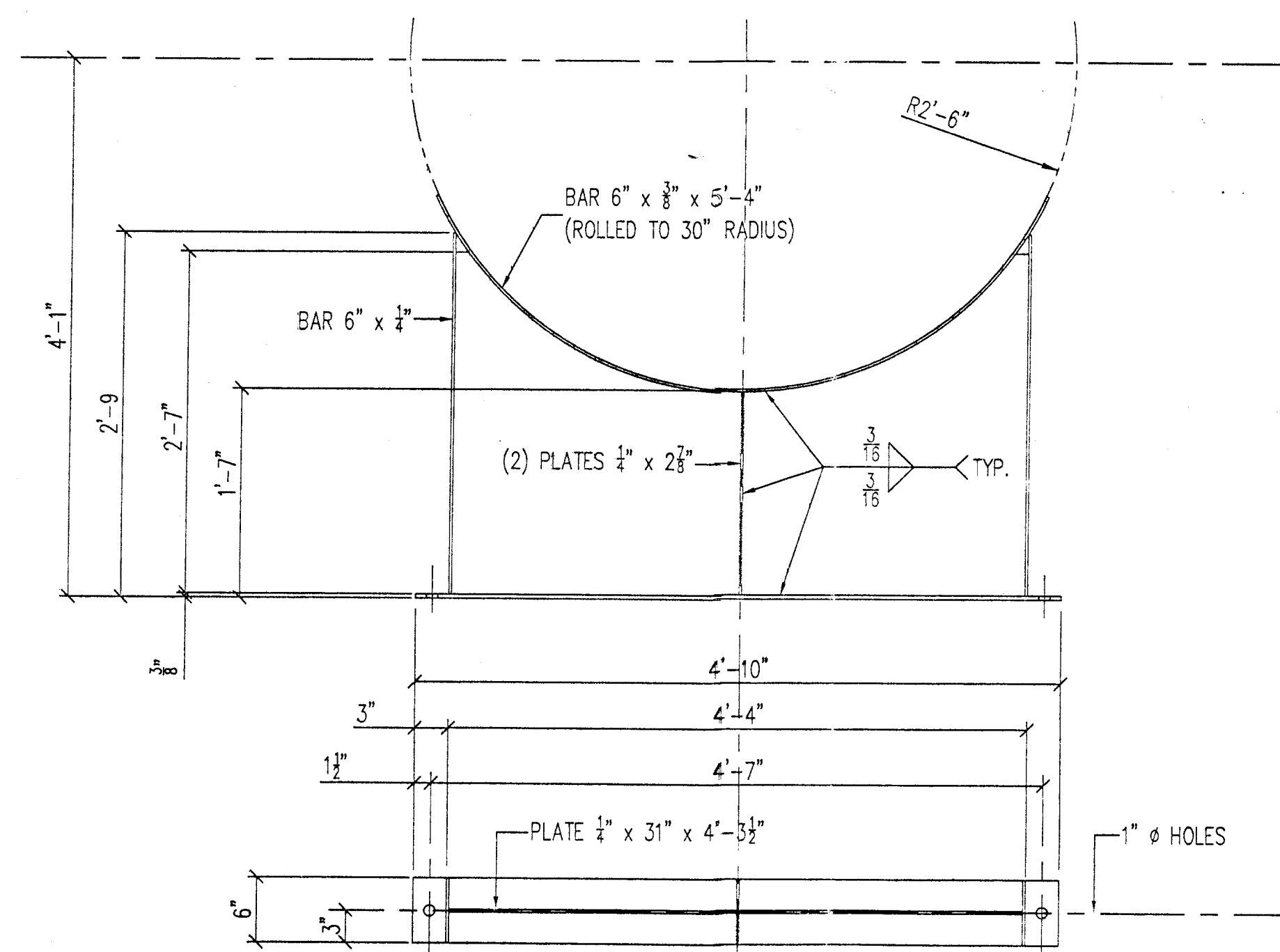
NOZZLE SCHEDULE				
MARK	QTY.	PIPE SIZE & SCHEDULE	FLANGE & FACING	COMMENTS
A	ONE	2" - 3000# HALF COUPLING THREADED		GAGE FITTING
B	ONE	2" - 3000# HALF COUPLING THREADED		GAGE FITTING
C	ONE	2" SCH. 80S	R. F., SLIP-ON	W/FLAME ARRESTER - WHESSOE VAREC 5400-2-6 PER DWG. D-99085-02.
D	ONE	3" - 3000# HALF COUPLING THREADED		X
E	ONE	24" x 72" NECK = 1/2" THK.	FLG. = 1/2" COVER = 1/2"	HINGED HATCH W/ GASKET AND BOLTING. PER DWG. D-99085-02.
F	ONE	20" DIA NECK = 6" HIGH	MFG'S STD.	HINGED MANHOLE W/ VITON GASKET ~ KNAPPCO LE20" MODLE ~ LE-4440-6
G	ONE	2" - 3000# HALF COUPLING THREADED		FITTING
H	ONE	2" - 3000# HALF COUPLING THREADED		FITTING

TANK DATA	
DESIGNED AND FABRICATED PER:	NONE CODE
NUMBER OF TANKS REQ'D.:	ONE
NOMINAL CAPACITY:	3,000 GAL. (U.S.)
DESIGN PRESSURE:	ATMOSPHERIC
WIND VELOCITY:	N/A
PLATE STRESS:	20,000 P.S.I.
RADIOGRAPHY:	NONE
JOINT EFFICIENCY:	80%
SEISMIC ZONE:	ZONE 0
TANK CONTENTS:	TOLUENE
TANK CONTENTS:	XYLENE
TANK CONTENTS:	ETHANOL
SPECIFIC GRAVITY:	0.86 TOLUENE
SPECIFIC GRAVITY:	0.865 XYLENE
SPECIFIC GRAVITY:	0.7942 ETHANOL
OPERATING PRESSURE:	ATMOSPHERIC
OPERATING TEMPERATURE:	AMBIENT
CORROSION ALLOWANCE:	NONE

SPECIFIC HEAD DATA	
HEAD TYPE:	FLAT - FLANGED
NOMINAL THICKNESS:	1/4"
MATERIAL:	A-240, TYPE 316 S/S
HEAD DIA.:	60" O.D.
KNUCLE RADIUS:	1 1/2"
STRAIGHT FLANGE:	1 1/2"

NOTES:

1. NOZZLES TO HAVE FLANGE BOLT HOLES STRADDLE MAIN CENTERLINES.
2. REPADS ARE NOT REQUIRED.
3. REMOVE ALL SLAG AND WELD SPATTER GRIND IF NECESSARY.
4. FLAME ARRESTER FOR NOZZLE "C" SHALL BE SHIPPED LOOSE.
5. TWO (2) SHOP STD. LIFTING LUGS (316 S/S).
6. SEE DWG. NO'S. D-99085-02 FOR NAMEPLATE.
7. ALL NOZZLES TO BE PROTECTED FOR SHIPMENT.



DATE:	10-14-99
CUST:	3P
SHOP:	3P

MATERIAL OF CONSTRUCTION (UNLESS OTHERWISE NOTED)	
PLATE:	ASTM A-240, TYPE 316 S/S
SHAPES:	A-240, TYPE 316 S/S
PIPE:	A312, TYPE 316 S/S
FLANGES:	A182, TYPE 316 S/S
COUPLINGS:	A182, TYPE 316 S/S
GASKETS:	VITON FILLED/TEFLON ENVELOPE
BOLTING:	TYPE 316 S/S

INTERIOR FINISH:
NONE.

EXTERIOR FINISH:
CLEAN MILL FINISH.

RELEASED TO FIELD	RELEASED FOR FABRICATION	APPROVAL RECEIVED	ISSUED FOR APPROVAL	CHECKED	DRAWING	STATUS	BY	DATE	REV.	DESCRIPTION	DATE
	RSU 11-12-99	RSU 11-11-99	RSU 10-14-99	RSU 10-11-99	ROW 9-28-99						
			2	1						NOZZLE "E" WAS HINGED ON OPP. SIDE	5-26-00
										PER APPROVAL DATED 1-11-99	11-11-99
										ADDED NOZZLES "G" & "H"	

TAMPA TANK, INC.
TAMPA, FLORIDA

ARRANGEMENT AND DETAILS OF
HORIZONTAL STORAGE TANK
60" DIA. x 21'-0" (3,000 GALLON)

CUSTOMER: PERMA-FIX ENVIRONMENTAL SERVICES
1940 N. W. 67th PLACE
GAINESVILLE, FLORIDA 32653
JOB SITE: PERMA-FIX ENVIRONMENTAL SERVICES
1940 N. W. 67th PLACE
GAINESVILLE, ALACHUA COUNTY, FLORIDA 32653

CUSTOMER'S P.O. NO.:	P 14363 B
FIELD WORK NUMBER	-
CONTRACT NUMBER	TH - 99085
SHEET NUMBER	1 OF 1
DRAWING NO.:	D-99085-01

DAVID E. NEWLIN, P.E.
515 Hidden Lake Drive
Brandon, Florida 33511
Fla. Reg. No. 31431