

FITTING SCHEDULE:

UNK	PART NUMBER	DIA.	DRILLING	FLANGE THK.	NOZZLE THK.	NOZZLE LEN.	JOINT	NOZZLE PROJ.	GUSSETS	REINFORCEMENT CO./T/W	TYPE INSTALLATION	SERVICE
A	17211	24"	-	1/2"	16"	6"	19"	6"	-	-	TYPE 2	TOP MANWAY
B	17253	6"	150#	1/2"	21"	1 1/2"	32"	6"	CONICAL	-	TYPE 1	FL
C	17252	4"	150#	1/2"	21"	8"	19"	6"	CONICAL	10" OD/12"	TYPE 1	SIDE BOTTOM DRAIN
D	17253	4"	150#	1/2"	21"	8"	32"	6"	CONICAL	10" OD/19"	TYPE 1	OVERFLOW
E	17253	4"	150#	1/2"	21"	8"	19"	6"	CONICAL	-	TYPE 2	SUCKTION
F	17253	4"	150#	3/16"	21"	12"	32"	6"	CONICAL	-	TYPE 2	VENT
G	17253	4"	150#	1/2"	21"	1 1/2"	32"	6"	CONICAL	-	TYPE 1	WATER LINE
H	17253	4"	150#	1/2"	21"	1 1/2"	32"	6"	CONICAL	-	TYPE 1	RECALIBRATION LINE
J	17253	3"	150#	1/2"	21"	1 1/2"	32"	6"	CONICAL	-	TYPE 1	ELECT TRANSDUCER

ITTING

TO PARTS LIST.

A. FRP BLIND FLANGE

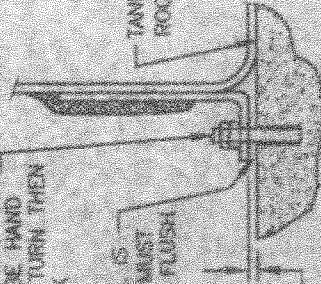
LAMINATE SEQUENCES:

FLAMMENT WOUND HORIZONTAL
25" - 2V, 2C 045 - 3W

HLJ
19" - 2V, 2M - 3M
25" - 2C 045, R/E
27" - 2V, 2C 045 - C 045, R, 2C 045
26" - 2V, 2M-2(M/R)M
33" - 2V, 2C 045 - 2(C 045, R), 2C 045
32" - 3(M/R)E, M/RN
22" - 3(M/R)M

ANCHOR BOLTS BY OTHERS
BOTTOM NUT TO BE HAND
TIGHTENED +1/4 TURN THEN
TOP NUT TO LOCK

AFTER VESSEL IS
FILLED LIQS MUST
BE SHIMMED, FLUSH



APPROX 1/2"

TYPICAL ANCHOR ASSEMBLY

DETAIL IDENTIFICATION

A - DETAIL NUMBER
B - SHEET NUMBER DETAIL IS TAKEN FROM
C - SHEET DETAIL IS SHOWN ON

35	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-
13	CUSTOM	2	-	4" X 2"	FRP COMPANION FLANGE	-	-	2-1/1	-	-	-	-
12	CUSTOM	1	-	4" X 3"	FRP COMPANION FLANGE	-	-	2-1/1	-	-	-	-
11	17001	12	12	3/8" X 3 1/2"	T-316 SS BOLT SETS	-	-	-	-	-	-	-
10	17001	12	12	1/2" X 2"	T-316 SS BOLT SETS	-	-	-	-	-	-	-
9	PURCH	1	-	-	FRP LADDER	-	-	1-1/1	-	-	-	-
8	CUSTOM	1	-	-	REINFORCEMENT RB	-	-	-	-	-	-	-
7	17213	3 PR	-	-	FRP LADDER CLIPS	-	-	-	-	-	-	-
6	17001	2	-	5/8" X 2 1/2"	T-316 SS BOLT SETS	-	-	-	-	-	-	-
5	17272	3	-	1/8" X 4"	EPDM GASKETS	-	-	-	-	-	-	-
4	-	-	-	-	OMIT	-	-	-	-	-	-	-
3	17001	2	-	1/2" X 2"	T-316 BOLT SETS	-	-	-	-	-	-	-
2	17244	3	-	-	GALV STEEL LIFTING CHANNELS	-	-	-	-	-	-	-
1	TYPE 1	4	-	-	GALV STEEL TIE BOLDS	-	-	-	-	-	-	-

QUANTITIES SHOWN FOR 1 TANK

PARTS LIST

APPROVED

APPROVED ()
() APPROVED AS NOTED
() REVISE AND RESUBMIT

CHECKING IS ONLY FOR CONFORMANCE
WITH DESIGN CONCEPT AND COMPLIANCE
WITH CONTRACT DOCUMENTS. DIMENSIONS
TO BE CONFIRMED AT THE JOB SITE.

BY LY

DATE 6-26-95

GRAND TRAVERSE CONSTRUCTION CM INC.

2-1/1

2-1/1

1-1/1

2

5/8" X 2 1/2"

T-316 SS BOLT SETS

1/8" X 4"

EPDM GASKETS

OMIT

1/2" X 2"

T-316 BOLT SETS

GALV STEEL LIFTING CHANNELS

GALV STEEL TIE BOLDS

DESCRIPTION

QTY

REQD

SHE

A-B/C

QUANTITIES SHOWN FOR 1 TANK

PARTS LIST

APPROVED

TANKINETICS
FRP AND EPOXY RESIN PLASTIC EQUIPMENT

EQUIPMENT DESIGNATION

FRP SODIUM HYPOCHLORITE STORAGE TANK

MANUFACTURING INFORMATION

CUSTOMER P.O. # A-25891

CUSTOMER EQ. #

TANKINETICS # 1908-02

DATE OF MFG. MAY 95

SERVICE SODIUM HYPOCHLORITE

MAX CONCENTRATION 15%

DESIGN INFORMATION

PRESS. ATMOS

TEMP. 150 °F

SPECIFIC GRAVITY 1.2

WIND SPEED 100 MPH

ZONE 1

CUSTOMER

WARES & SON, INC.

TANK SPECIFICATIONS

CAPACITY 8,200 GALS.

EST. EMPTY WEIGHT 1,800 LBS.

EST. FULL WEIGHT 83,925 LBS.

CONSTRUCTION INFORMATION

LINER RESIN NETRON 322L W/ BPO / DMA CURE

SURFACE VEL. 1 PLY C VEL

LINER CONST. 90 MIL CHOP

STRUCT. MFG. SHELL: F.W. 80"W.A.

STRUCT. RESIN NETRON 322L

EXT. SURFACE WHITE POLYESTER GEL COAT

TANKINETICS INC. P.O. BOX 894 VANDERBILT, ARKANSAS 72916 744-4994

NO. REQ'D

DESIGN CODE

ASTM D3299 A

ADDITIONAL

POST CURE REQUIRED

N/A

HYDROTEST

N/A

WITNESS

STANDARD QA

OTHER

CUSTOMER INSPECTION: CONTACT QUALITY ASSURANCE MGR. TANKINETICS, INC.

UNLESS OTHERWISE NOTED:

- * ALL BOLT HOLES SHALL STRADDLE TANK CENTER LINES.
- * FLANGES SIZE 20" AND SMALLER ARE DRILLED IN ACCORDANCE WITH ANSI B16.5 STANDARD FOR 150 LB. STEEL FLANGES.
- * FLANGES SIZE 24" AND LARGER ARE DRILLED IN ACCORDANCE WITH ANSI B16.1 STANDARD FOR 125 LB. CAST IRON FLANGES.
- * GUSSET PLATES ARE ATTACHED WITH 3 MAT EACH SIDE.
- * A FLANGE SPACER MUST BE USED WHEN BOLTING A FLAT FACE FRP FLANGE TO A RAISED FACE FLANGE.
- * ALL NOZZLE PROJECTIONS ARE MEASURED FROM INSIDE SURFACE OF VESSEL TO FLANGE FACE.

FOR CUSTOMER FILES

APPROVED FOR FABRICATION MAY 23 1995

TANKINETICS
FRP AND EPOXY RESIN PLASTIC EQUIPMENT

SODIUM HYPOCHLORITE TANK

FDV 10'-0" ID X 14'-0"

1908

WARES & SON, INC.

3/23/95

DUF

19080201

TRAVERSE WASTE W. T. PLANT

D-95-1908-02 0