

- 1 - TANK & FOUNDATIONS - STRUCTURAL DESIGN & MAT'L SPECIFICATIONS BY CUST.
- 2 - THIS LEVEL RECOMMENDED FOR STARTUP ONLY & MAY REQUIRE ADJUSTMENT FOR OPTIMUM PERFORMANCE.
- 3 - EST. WEIGHTS :
 - PULP UNIT - 6,300 LBS.
 - CENTERING RING - 363 LBS.
 - TANK W/LEGS - 13,100 LBS.
 - GEAR REDUCER - 8,041 LBS.
 - OUTLET CONN. - 230 LBS.
 - TANK W/O FOUNDATION - LBS.
 - TANK LEGS - 475 LBS. EA.
 - TANK LEG SOLE PLATES - 108 LBS. EA.
 - TANK CONTENTS - 90,580 LBS. FILLED TO TOP
- 4 - MILL AIR PRESSURE - 60 PSI
- 5 - FOR TAGGING INFO. SEE ZONE
- 6 - TANK CAPACITY - 1080 CU. FT. AT OPERATING LEVEL.
TANK CAPACITY - 1450 CU. FT. AT TOP.
TANK IS SUPPLIED WITH COVER, PART NO. 000006N64.
- 7 - OPERATING CONDITIONS: TEMP. 140°F PH -7
32.5 BOSTPD AT 6% SUG. OPER. CONS. 4000# BATCH
- 8 - FURNISH - VIRGIN KRAFT /WET STRENGTH BROKE
- 9 - FOR MILL DRAWINGS SEE:
- 10 - ALL ANCHOR BOLTS AND MOTOR SUPPLIED BY CUSTOMER
- 11 - DO NOT USE OPERATING LEVEL TO CALCULATE AVAILABLE PUMP SUCTION HEAD. THE AVAILABLE HEAD MUST BE TAKEN FROM THE CENTER LINE OF THE OUTLET CONN. FLANGE, TO THE CENTER LINE OF THE PUMP SUCTION.
- 12 - CORROSION RESISTANT MATERIAL DESIGNATIONS REFER ONLY TO SURFACES IN CONTACT WITH STOCK.

REVISIONS			
ZONE	DATE	DESCRIPTION	APPROVED
A		REDRAWN ON AUTOCAD, ITEMS RENUMBERED	

GENERAL NOTES:

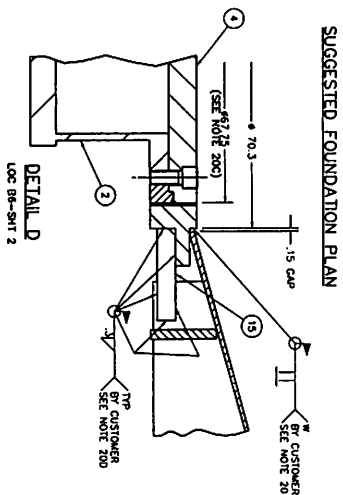
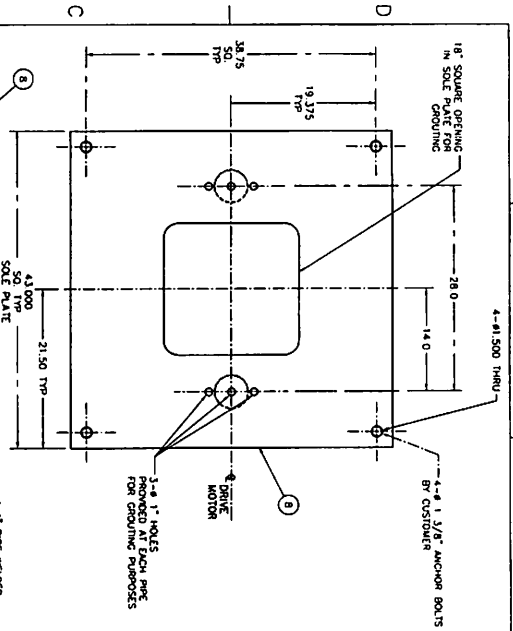
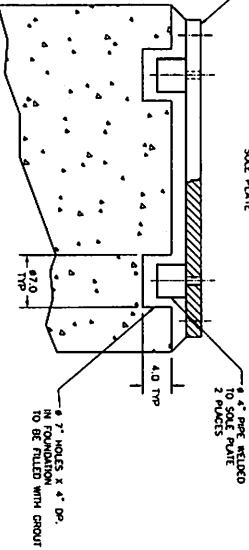
- 13 - PAINT PER GL&V E2319
- 14 - ALL FIELD WELDS BY CUSTOMER.
- 15 - CUSTOMER SUPPLIED ASSEMBLY WITH NUTS, WASHERS AND PIPE SLEEVES - 6" EXTENSION
- 16 - 500V GEAR REDUCER, REF DATA NO 25 .OL. CAPACITY = 39 GALLONS
- 17 - FALK CPLG } REDUCER HALF=4 000 DIA SHAFT, 1 000 X 500 K.W.
SIZE 1110T10 } MOTOR HALF = DIA SHAFT (SEE CERTIFICATION SHEET)
- 18. NAMEPLATES ,ITEMS 34, LOCATED 180° APART.
- 19 - MOTOR - (BY CUSTOMER)
500 HP, 1800RPM,
WITH 1.15 S.F., 145% STARTING TORQUE
- 20 - SUGGESTED TANK ERECTION PROCEDURE:
 - (A)- LEVEL AND ALIGN CENTERING RING TO PULPING UNIT SEE DETAIL "D".
 - (B)- WELD TANK SECTIONS SOLID BY STAGGERING WELDS
MAINTAIN A UNIFORM GAP BETWEEN RING AND TANK SECTIONS.
 - (C)- WELD TANK SECTIONS SOLID BY STAGGERING WELDS ALTERNATELY
AROUND TANK.CHECK CENTERING RING 67.75 DIA DIA FOR ROUNDNESS.
MEASURE IN AT LEAST TWO DIRECTIONS.DIAMETER MUST BE 67.75 +/- .05
USE CARE WHEN WELDING.
 - (D)- WELD BARS (ITEMS 15) BETWEEN CENTERING RING AND TANK AS SHOWN.
IN SECT "K"-"K" AND DETAIL "D".
 - (E)- WELD CENTERING RING TO TANK STAGGERING WELDS ALTERNATELY ACROSS THE DIA.
 - (F)- GAPS AT TANK JOINTS FOR GUST FIELD WELDS ARE SUBJECT TO TOLERANCES
FOR THIS SIZE FABRICATION UP TO THE PLATE THICKNESS EACH SIDE OF THE JOINT.
- 21 - .406 DIA. DRILL & REAM FOR FOR TAPER PINS 2 HOLES EACH.
LOCATE FROM .422 DIA. HOLES IN REDUCER MOUNTING PADS & SPACER BOTTOM MOUNTING FLANGE.

CERTIFIED CORRECT
CUSTOMER SCHWITZER-HALLOUT INC
P.O. NO. 1740
SERIAL NO. 18708
DATE: 4-11-03 BY: J. LOUWANE

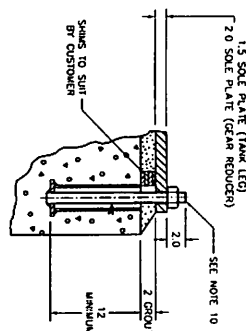
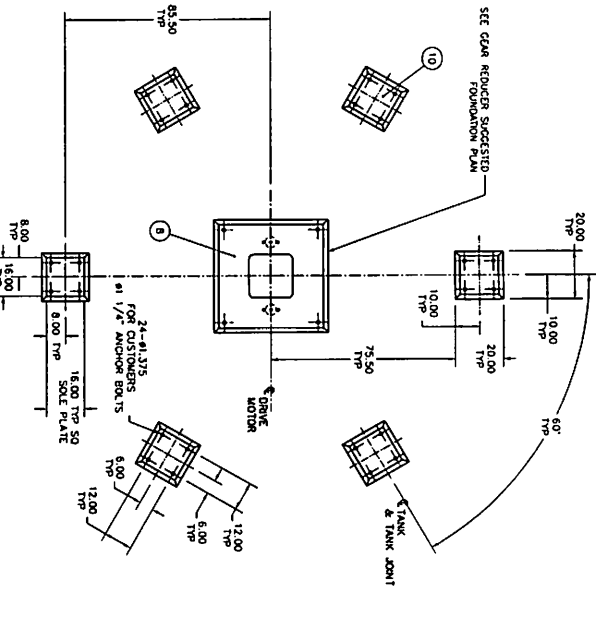
QTY	PART NO.	DESCRIPTION	MATERIAL	ITEMS	SPARE PART
1	1/16 X 12 3/4 O.D. X 10 1/2 I.D. GASKET	58201	38	Y	
12	MXS0290-1368	7/8-9 UNC X 1 1/2 LG. HEX HEAD CAP SCREW	316 ST ST	37	
1	1/16 X 20 O.D. X 15 3/4 I.D. GASKET	58201	36	Y	
16	MXS0331-1368	1"-8 UNC X 2" LG. HEX HEAD CAP SCREW	316 ST ST	35	
2	M100527-03	GLAY NAMEPLATE		34	
9	207100	LOCKWASHER- 1.25 NOM.		33	
2	B97-804033-G1	THREADED TAPER PIN W/NUT #8 X 2" LG.	STEEL	32	
4	105756	1.50-8 UNC X 5.75 LG. HEX HD CAP SCR	STEEL	31	
4	227130	1.50-8 UNC HEX NUT	STEEL	30	
9	105702	1.25-7 UNC X 3 LG. HEX HD CAP SCR	STEEL	29	
2	B97-804033-G4	PIN-TAPER W/NUT #8 X 4" LG.	STEEL	28	
4	105752	1 1/2-8 UNC X 3" LG. HEX HD CAP SCR.	STEEL	27	
1	CS4-209008	LUBE SYSTEM (B.P.)		26	
1	CS4-114010	GEAR REDUCER ARRANGEMENT (B.P.)		25	
1	BS4-312033-1	SLEEVE		24	Y
1	LATER	COUPLING-FALK 1110T10		23	
1	DS4-209007-G1	LUBE SYSTEM- 230/450V, 60 HZ		22	
1	DS4-801041-10	NAMEPLATE MOUNTING		21	
1	BS4-251006-2	ADAPTER RING		20	
1	CS4-306144-G1	MAIN SHAFT		19	
1	DS4-164028-G6	GEARSET (RATIO 4.55:1)		18	
1	BS4-199013-16	POSITIONAL ARRANGEMENT (POS 16)		17	
1	DS4-114037-G2	GEAR REDUCER		16	
8	BS4-154891-1	SHR		15	
1	000003N84-10	TANK ASSEMBLY- B SECTION		14	
8	AS4-155822-1	LEG SUPPORT		13	
8	DS4-155821-G106	TANK LEG		12	
8	BS4-155071-1	MOUNTING PLATE		11	
1	DS4-816010-3	1/8" SPACER- REDUCER		10	
1	000002N84-10	REDUCER SOLE PLATE		9	
1	LATER	COUPLING GUARD		8	
1	AI0019-120	10" KNIFE GATE VALVE		7	
1	AI0019-119	1/2" KNIFE GATE VALVE W/CYLINDER		6	
1	DS4-817050-5	STRAINER GRATE		5	
24	DS4-707024-5	DEFLAKING DISK SEGMENT		4	Y
1	DS4-707024-3	44" IMPELLER - R.H.		3	
1	DS4-121363-G5	44" BARRACUDA PULPING UNIT		2	
1				1	

UNLESS OTHERWISE SPECIFIED INCHES		NEXT ASSY.	
THIS DRAWING CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION, IS THE PROPERTY OF GLAY, AND IS LOANED TO THE RECIPIENT IN CONFIDENCE. THE RECIPIENT OR RECIPIENTS AND THEIR EMPLOYEES SHALL NOT DISCLOSE OR REPRODUCE THIS INFORMATION IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF GLAY. IT IS THE POLICY OF GLAY TO PROTECT ITS PROPRIETARY INFORMATION AND TO MAINTAIN THE CONFIDENTIALITY OF ITS TRADE SECRET INFORMATION. ANY VIOLATION OF THIS POLICY WILL BE CAUSE FOR IMMEDIATE TERMINATION OF EMPLOYMENT AND PROSECUTION TO THE FULL EXTENT OF THE LAW.		DRAWN DATE W. JENNESS 3/4/03 CHECKED DATE W. JENNESS 3/4/03 APPROVED DATE B. HEPLER 3/28/03	
REVISIONS		DRAWING NO. 000001N64	
REVISIONS		COPYRIGHT 2003 GLAY INC.	

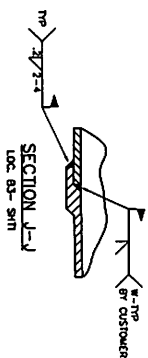




SUGGESTED FOUNDATION PLAN

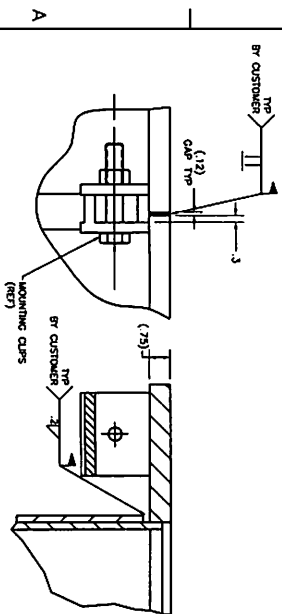


SUGGESTED ANCHOR BOLT ARRANGEMENT
(FOR TANK LEGS AND GEAR REDUCER SOLE PLATES)

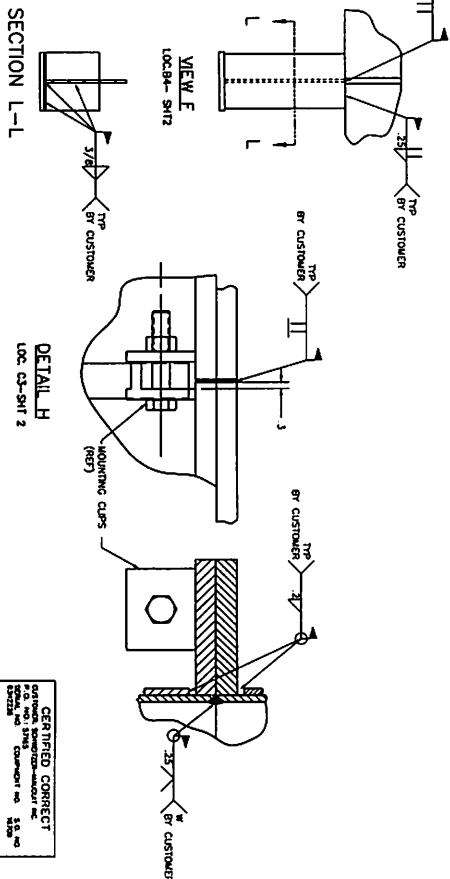


SECTION J-1
LOC. 83- SMH

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DETAIL N
LOC CS-SH17 2



DETAIL H
LOC. C3-SHT 2

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REV	DATE	BY
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ALTERNATING
DIMENSIONS BY

ITEM	PART NO. OR SIZE	MATL.	DESCRIPTION	GROUP & QTY.
1				1
2				2
3				3
4				4
5				5
6				6
7				7
8				8
9				9
10				10



UNLESS OTHERWISE SPECIFIED:	
1. DIMENSIONS ARE IN INCHES	
2. DIMENSIONS ARE IN MILLIMETERS	
3. DIMENSIONS ARE IN METERS	
4. DIMENSIONS ARE IN FEET	
5. DIMENSIONS ARE IN KILOMETERS	
6. DIMENSIONS ARE IN MILES	
7. DIMENSIONS ARE IN KILOMETERS	
8. DIMENSIONS ARE IN METERS	
9. DIMENSIONS ARE IN FEET	
10. DIMENSIONS ARE IN KILOMETERS	

154-121363

