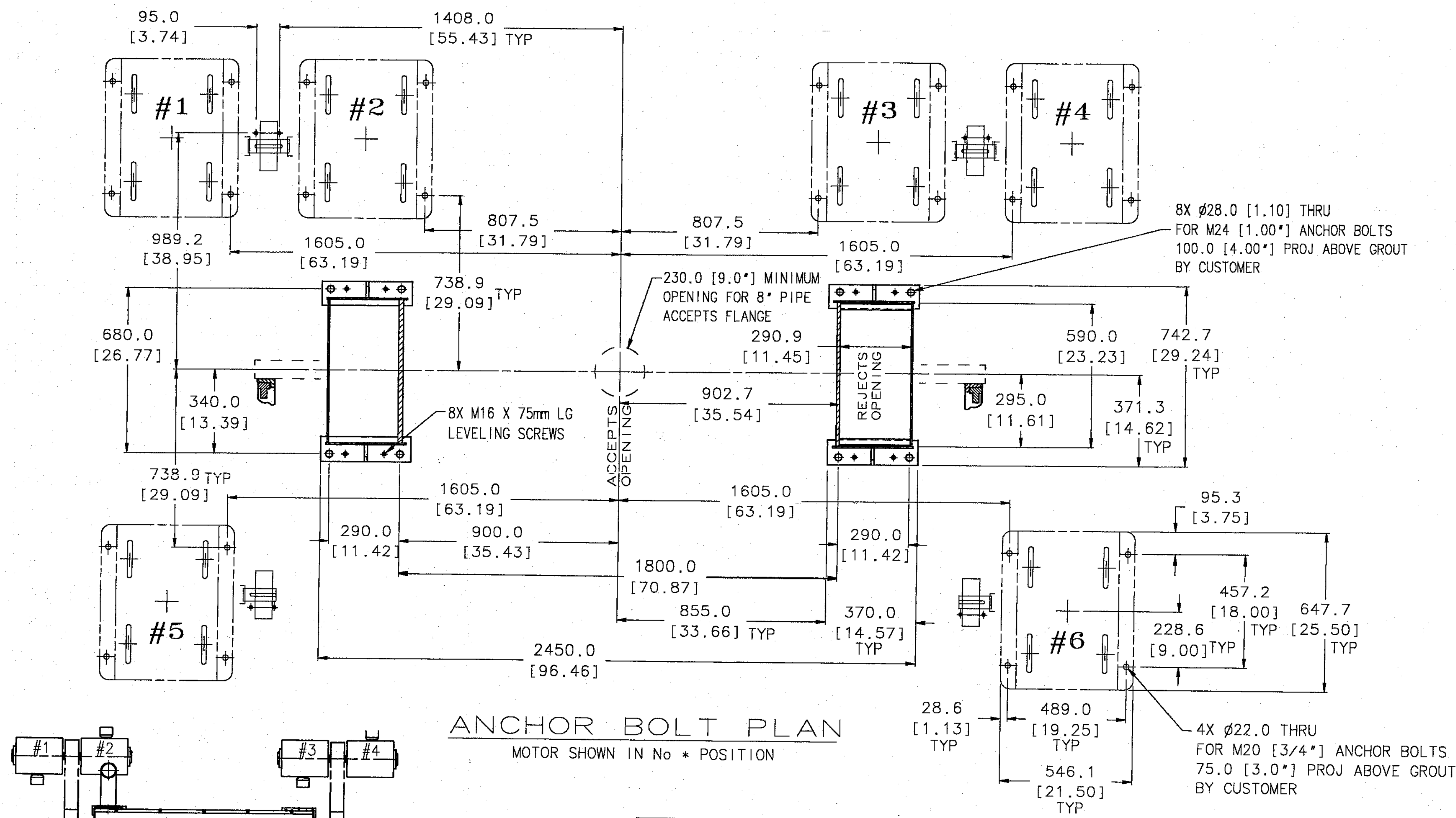
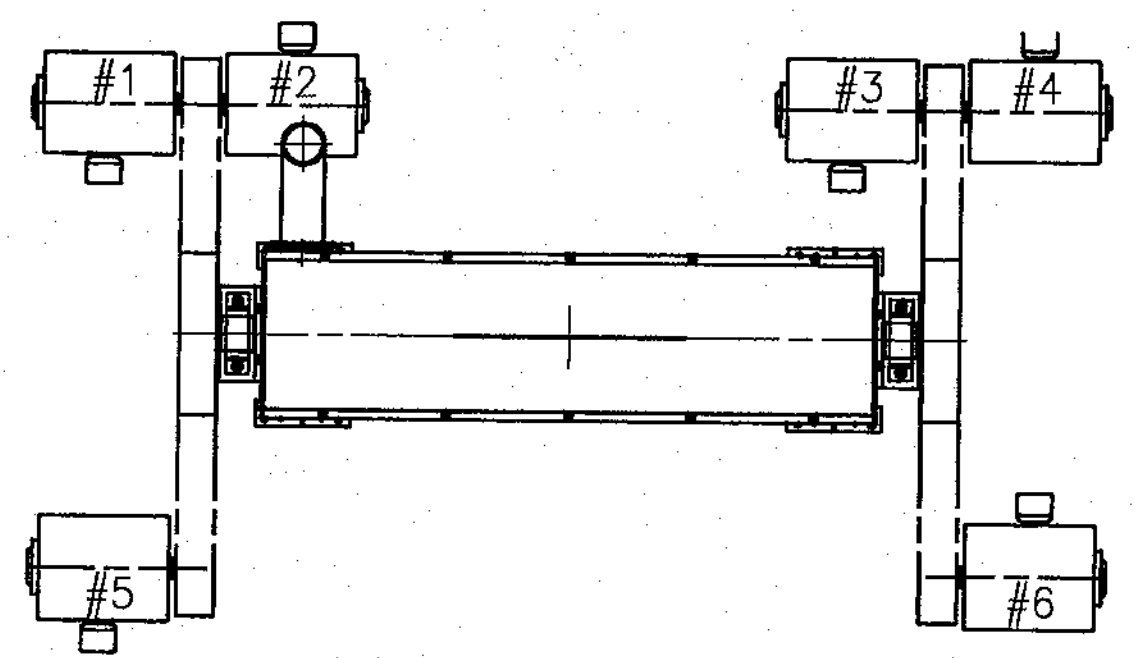




ANCHOR BOLT PLAN
MOTOR SHOWN IN No * POSITION

MOTOR LOCATION	ITEM No 4
POSITION No 1	4002992
POSITION No 2	4002202
POSITION No 3	4002939
POSITION No 4	4002983
POSITION No 5	4002983
POSITION No 6	4002992



MOTOR OPTIONS

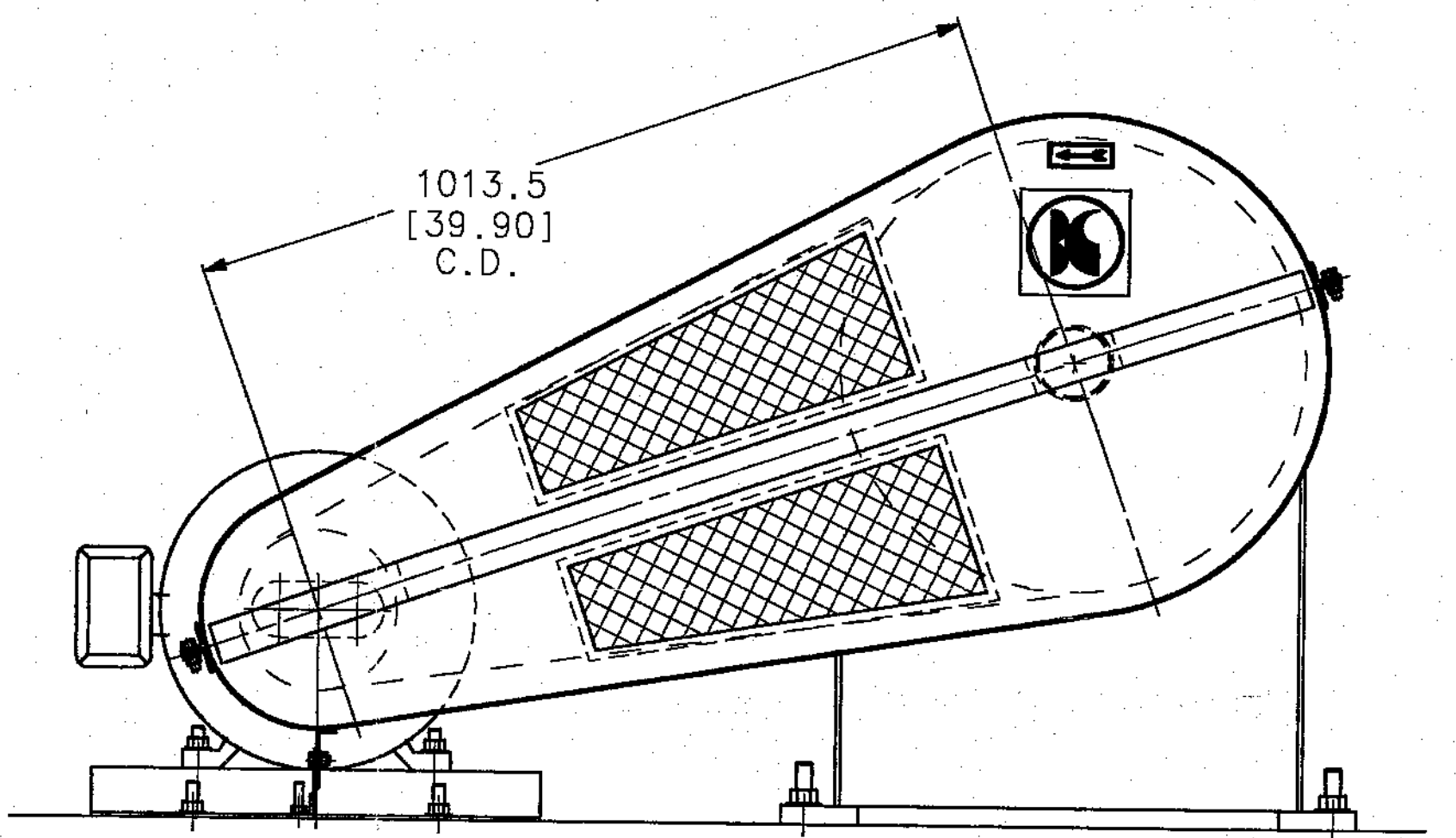
NOTES:

- EXPANSION BRG (ITEM 23) IS TO BE LOCATED AT MOTOR END
- SET ROTOR/SCREEN PLATE BAR CLEARANCE TO BE 2 [.080]-2.5 [.100] MAX., REPLACE BLADES AS REQUIRED
- ALL CONNECTING PIPE FLANGES MUST BE FIELD FITTED IN PLACE BY CUSTOMER.
- DRY WEIGHT = 1364 kg [3000 lbs]
OPERATING WEIGHT = 1840kg [4050 lbs]
- MAX. WATER CONNECTION = 3.15 ltr/sec [50 GPM]
- MAX = 37 kW [50 HP]

- SCREEN LOADS
ROTOR AND SHEAVES
 $\text{kg-mm}^2 = \text{[#-FT}^2\text{]}$
= 6.36 150
- MAX BELT PULL = 306 kgs [675 lbs]
- ALL AUXILIARY PIPING, FLOW BOX, AND VALVING TO BE SUPPLIED BY CUSTOMER
- PIN BEARINGS, ITEMS 15 & 23 AT FINAL ASSEMBLY

CUSTOMER NOTICE
A MOTOR DIMENSION SHEET/DRAWING MUST BE RETURNED WITH THIS APPROVAL DRAWING TO ENABLE BLACK CLAWSON TO COMPLETE ENGINEERING. FAILURE TO DO SO COULD AFFECT EQUIPMENT DELIVERY.

FOR APPROVAL ONLY
DO NOT USE FOR CONSTRUCTION PURPOSES
CUSTOMER- US GYPSUM CO.
MILL JACKSONVILLE, FL.
CUSTOMER ORDER 22522617
SHARTLE ORDER 4871991
SERIAL NUMBER 97-US30-124
THE BLACK CLAWSON CO.
SHARTLE DIV.
MIDDLETOWN, OHIO
DATE 2-5-97
RETURN APPROVED DRAWING WITHIN TEN DAYS
FAILURE TO DO SO WILL AFFECT DELIVERY
APPROVED BY _____
DATE _____



VIEW FROM INLET

ITEM No.	DRAWING No. PART No.	QTY	MATERIAL	DESCRIPTION
1	1017415	1	CARBON STL	SHEAVE- 5V SECT, 3 GR, TYPE QD- 9.75 DIA
2	1015731	1	CARBON STL	BUSHING- SF TYPE QD, 2 3/8 BORE W/ 5/8 X 3/16 KW
3	1019417	1	RUBBER	V-BELT - MATCHED SET OF 3 - 5VX-1250 C.D.-38.9
4	SEE CHART	1	CARBON STL	GUARD, BELT
5	1017425	1	CARBON STL	SHEAVE- 5V SECT, 3 GR, TYPE QD- 18.7 DIA
6	1503562	1	CARBON STL	BUSHING- E TYPE QD, 75mm BORE W/ 20m x 6mm KW
7	BY CUSTOMER	REF	*****	MOTOR- 50HP, 1200 RPM, 365T FRAME
8	1022201	2	EPM	O-RING - .275 SECT DIA, UNS #425, 4 1/2 ID X 5 OD
9	1043205	6	18-8 STN STL	HEX HEAD CAP SCREW- M8-6g X 20 LG
10	1076805	6	18-8 STN STL	WASHER, PLAIN- M8
11	1076312	8	18-8 STN STL	HEX HEAD CAP SCREW- M16-6g X 75 LG
12	1043410	18	18-8 STN STL	HEX HEAD CAP SCREW- M12-6g X 40 LG
13	1076807	18	18-8 STN STL	WASHER, PLAIN- M12
14	4002198	1	316L STN STL	COVER, TOP
15	2002261	1	*****	BEARING, PILLOW BLOCK- SKF #SAF22517 (NON-EXPANSION)
16	1076382	4	18-8 STN STL	HEX HEAD CAP SCREW- M20-6g X 75 LG
17	1076809	4	18-8 STN STL	WASHER, PLAIN- M20
18	2002425	2	316 STN STL	SHIM PACK
19	1043307	18	18-8 STN STL	HEX HEAD CAP SCREW- M10-6g X 25 LG
20	4002197	1	316L STN STL	BASE
21	4002193	1	*****	ASSEMBLY- PAINT AND NAMEPLATE
22	1010404	1	316 STN STL	PIPE PLUG, SQUARE HD- 1/2 NPT
23	2002280	1	*****	BEARING, PILLOW BLOCK- SKF #SAF22517 (EXPANSION)
24	4002195	1	316L STN STL	COVER, SHAFT
25	2002450	1	PLEXI-GLAS H	COVER, INSPECTION
26	2002448	1	EPDM	GASKET
27	1076756	6	18-8 STN STL	HEAVY HEX FULL NUT- M10-6H
28	1076806	18	18-8 STN STL	WASHER, PLAIN- M10
29	1505854	1	*****	BASE, ADJUSTABLE MOTOR- DODGE #122104 STYLE B
30	2002469	1	CARBON STL	BRACKET, SUPPORT
31	4002198	1	316L STN STL	ASSEMBLY- ROTOR
32	1043309	10	18-8 STN STL	HEX HEAD CAP SCREW- M10-6g X 30 LG
33	1505972	2	NEOPRENE	GASKET, HOUSE DESIGN
34	4002199-007	1	316L STN STL	CYLINDER- SCREEN WITH 3.18 MM [.125"] HOLES
35	1043305	3	18-8 STN STL	HEX HEAD CAP SCREW- M10-6g X 20 LG
36	2002452	1	316L STN STL	GATE, SLIDE
37	4002203	1	TYGON	ASSEMBLY- SHOWER
38	1505843	4	NITRILE	SEAL, SINGLE LIP SPLIT- GARLOCK #23-7213
39	4002731	2	UHMW	PLATE, RETAINING
40	4003102	2	316L STN STL	BRACKET, SIDE ANGLE
41	2007381	2	316L STN STL	PLATE, RETAINING
42	2007407	2	316L STN STL	PLATE, RETAINING
43	1503283	4	316L STN STL	M12H10 TAPER PIN

C.A.D. DRAWING DO NOT UPDATE MANUALLY		SEE SHEET No 1	
DIMENSIONS ARE IN M.M. UNLESS OTHERWISE SPECIFIED		REVISION	
STANDARD TOLERANCES UNLESS OTHERWISE SPECIFIED		ZONE	
METRIC		DATE	
WHOLE NUMBER		BY	
ONE PLACE DECIMAL		CHKD	
TWO PLACE DECIMAL		APPD	
THREE PLACE DECIMAL		BY	
ANGULAR		BY	
THESE LIMITS DO NOT APPLY TO ASSEMBLY OR FOUNDATION DRAWINGS		BY	
ORDER No. 4871991	REF DRG No. 4003261-3	SUPERSEDES	
SERIAL No. 97-US30-0124	USED ON	SUPERSEDED BY	
CUSTOMER US GYPSUM CO.	WEIGHT	PATTERN No.	
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In addition, you agree that the modification of the equipment relating to this print/document without the prior consent of The Black Clawson Company, which causes or contributes to a defect on such equipment shall nullify The Black Clawson Company of its warranty obligations and to the extent that such unauthorized modification contributes directly or indirectly, to an injury to any person or damages property, you hereby agree to indemnify and hold The Black Clawson Company harmless from any liability or claim resulting therefrom.			
TITLE ASSEMBLY- FOR MODEL 30 ULTRASORTER W/ STN. STL. COVER		SCALE	
DRAWN WJ HAHN		DATE 02-04-97	
CHECKED		DATE	
APPROVED		DATE	
686 DRG. No. 48719910-3		REV 0	
SHEET 3 OF 3		BCC	