

CERTIFIED OUTLINE & DIMENSION DRAWING

CUSTOMER: SOFIX CORPORATION
LOCATION: CHATTANOOGA, TN 37415
PURCHASE ORDER: 91--00008

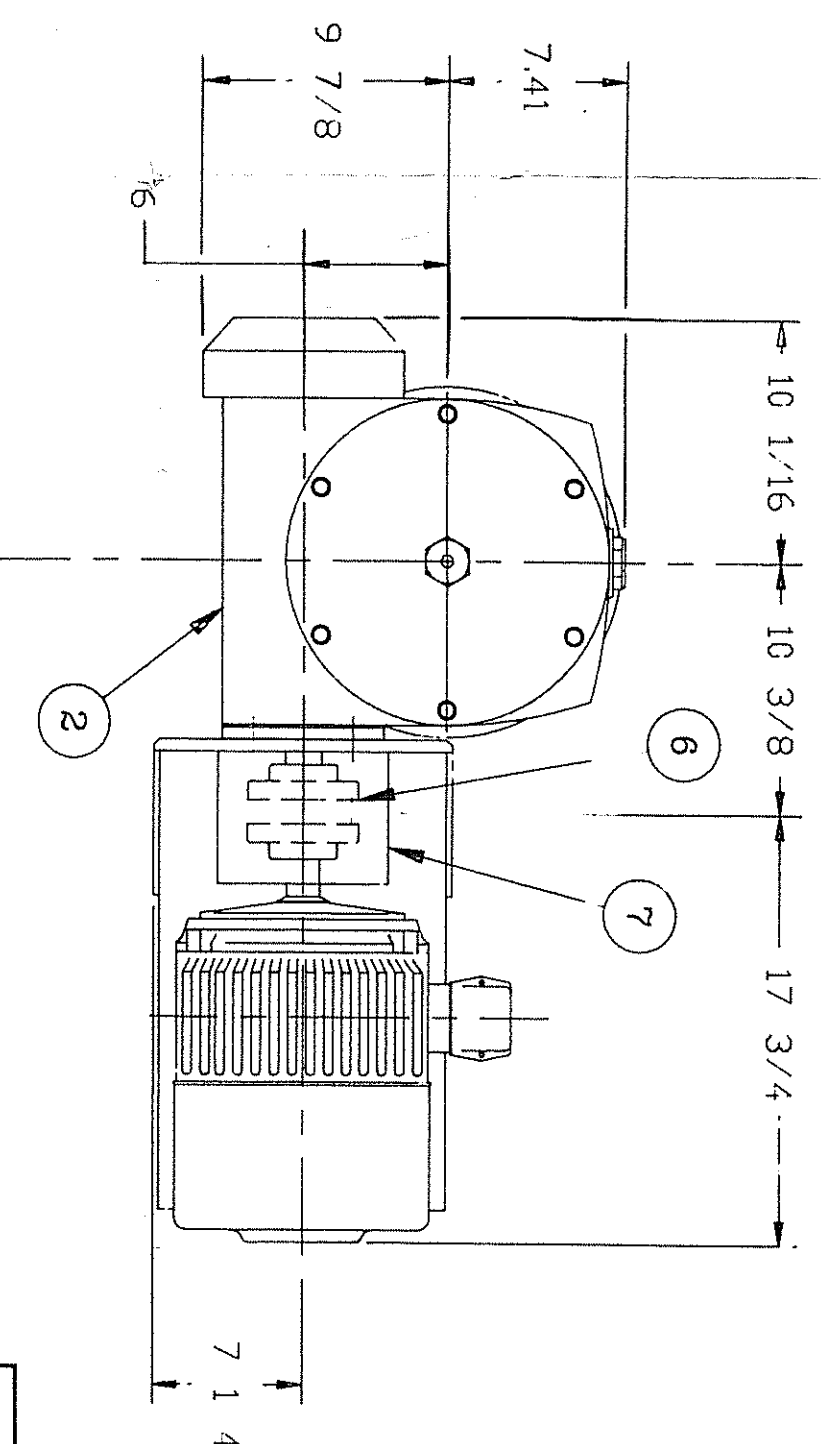
ProQuip WORK ORDER: 9064 SERIAL: 9064
QUANTITY: 1 WETTED PARTS MAT'L.: 304 S.S. WEIGHT: 1400 lbs.

LOAD DATA FOR MIXER SUPPORT DESIGN

VERTICAL DOWNWARD FORCE (upward force from tank pressure not included) 1400 lbs.
DYNAMIC TORQUE: 6023 lbs.-in. VARYING DYNAMIC OVERTURNING MOMENT 22000 lbs.-in.
Mixer support design must consider both mechanical strength and rigidity. Support must be stiff enough to avoid perceptible drive movement while mixer is operating.
TANK, BAFFLES, AND SUPPORTS ARE NOT FURNISHED BY ProQuip.

MINIMUM TANK OPENING: 16" DIA	TAG NUMBER: C-9000-1
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ITEM	PART No.	ITEM DESCRIPTION
1	-	MOTOR - 7 1/2 HP; 1800 RPM; 230/460 V; 3 Ph; 60 Hz FRAME: 213T TYPE: TEFC (NOTE - 4)
2	-	REDUCER: TG-30
3	-	BASE: 10"-150# (ANSI) FLANGE (NOTE - 3)
4	-	SHAFT: 3" DIA.
5	-	IMPELLER: 51" DIA., FOAM BREAKER, 2 BLADES
6	-	HI-SPEED COUPLING
7	-	HI-SPEED COUPLING GUARD
8	-	LOW-SPEED COUPLING - 7" DIA.
9	-	REMOVABLE COUPLING - 7" DIA.
10	-	MECHANICAL SEAL: DURA, SINGLE, MSS
11	-	DUST SHIELD: SEE REF. DWG #2A614401
12	-	VAPOR SEAL: SEE REF. DWG #2A614401
13	-	IN-TANK COUPLING - 7 1/2" DIA.
14	-	SEAL SHAFT: 3" DIA.
15	-	IMPELLER: 50" DIA., HI-FLOW, 3 BLADES
16	-	IMPELLER: 30" DIA., HI-FLOW, 3 BLADES
17	-	IMPELLER: 18" DIA., RADIAL FLOW, 2 BLADES



CERTIFIED
FOR CONSTRUCTION
FOR: SOFIX CORPORATION
CHATTANOOGA, TN
REF.: PURCHASE ORDER# 91-00008
TruGreen Inc. W.O.#: 9064
BY: R. [Signature] DATE: 8/12/91

[illegible]

ProQuip, Inc. 850 E. Highland Rd.
Macedonia, Ohio 44056
216/468-1850

TOLERANCES UNLESS OTHERWISE SPECIFIED:		SCALE	NTS	BY	D.P.SCHAAR
FRACTIONS $\pm 1/32"$	2 PLACE DECIMAL $\pm .01"$			CK'D.	
3 PLACE DECIMAL $\pm .005"$	ANGLES $\pm 30'(1/2^\circ)$	DATE	8 MAY 91	APP'D.	

ZGU30B AGITATOR AND
GENERAL TANK ARRANGEMENT

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DRAWING NUMBER 2D614400

114397 AGITATOR

NOTES:

1. DIMENSIONS ARE FOR REFERENCES ONLY AND ARE SUBJECT TO CHANGE WITHOUT NOTICE UNLESS CERTIFIED FOR CONSTRUCTION BY THAT OF ProQuip, Inc.
2. ALL DIMENSIONS SHOWN ARE IN INCHES.
3. MOUNTING FLANGE HOLES STRADDLE CENTER LINES.
4. SUPPLIED BY U.S. MOTORS AND POWERED BY MITSUBISHI AC DRIVE SUPPLIED BY PLANT ENGINEERING CONSULTANTS. MITSUBISHI DRIVES ARE 7 1/2 - HPP CONSTANT TORQUE, 460 VOLT, DIGITAL DRIVE WITH RELAY CONTACT BOARD CONNECTED TO PARAMETER UNIT AT INSTALLATION BY OTHERS.
5. TURBINES ADJUSTABLE IN 3" INCREMENTS.
6. SPLIT HUB - FRICTION DRIVE ADJUSTABLE TO SUIT LIQUID LEVEL.

