

CERTIFIED OUTLINE & DIMENSION DRAWING

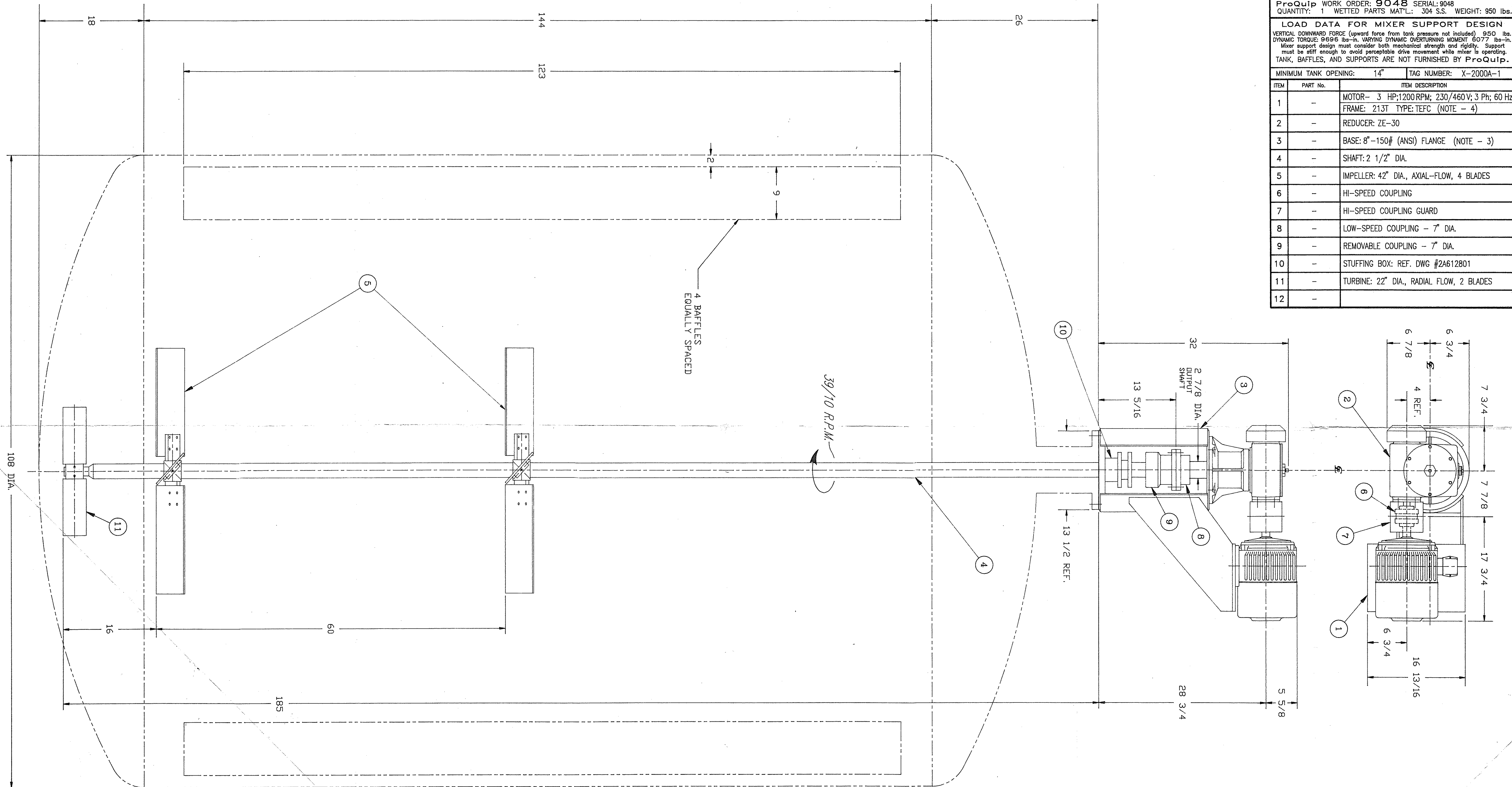
CUSTOMER: SOFIX CORPORATION
LOCATION: CHATTANOOGA, TN 37415
PURCHASE ORDER: 91-00008

ProQuip WORK ORDER: 9048 SERIAL: 9048
QUANTITY: 1 WETTED PARTS MAT'L: 304 S.S. WEIGHT: 950 lbs.

LOAD DATA FOR MIXER SUPPORT DESIGN
VERTICAL DOWNWARD FORCE (upward force from tank pressure not included) 950 lbs.
DYNAMIC TORQUE: 9696 lbs-in. VARYING DYNAMIC OVERTURNING MOMENT 6077 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: 14" TAG NUMBER: X-2000A-1

ITEM	PART No.	ITEM DESCRIPTION
1	-	MOTOR- 3 HP;1200 RPM; 230/460 V; 3 Ph; 60 Hz
2	-	FRAME: 213T TYPE: TEFC (NOTE - 4)
3	-	REDUCER: ZE-30
4	-	BASE: 8"-150# (ANSI) FLANGE (NOTE - 3)
5	-	SHAFT: 2 1/2" DIA.
6	-	IMPELLER: 42" DIA., AXIAL-FLOW, 4 BLADES
7	-	HI-SPEED COUPLING
8	-	HI-SPEED COUPLING GUARD
9	-	LOW-SPEED COUPLING - 7" DIA.
10	-	REMOVABLE COUPLING - 7" DIA.
11	-	STUFFING BOX: REF. DWG #2A612801
12	-	TURBINE: 22" DIA., RADIAL FLOW, 2 BLADES



NOTES:

- DIMENSIONS ARE FOR REFERENCES ONLY AND ARE SUBJECT TO CHANGE WITHOUT NOTICE UNLESS CERTIFIED FOR CONSTRUCTION BY THAT OF ProQuip, Inc.
- ALL DIMENSIONS SHOWN ARE IN INCHES.
- MOUNTING FLANGE HOLES STRADDLE CENTER LINES.
- SUPPLIED BY U.S. MOTORS AND POWERED BY MITSUBISHI AC DRIVE SUPPLIED BY PLANT ENGINEERING CONSULTANTS. MITSUBISHI DRIVES ARE 3 - HP CONSTANT TORQUE, 460 VOLT, DIGITAL DRIVE WITH RELAY CONTACT BOARD CONNECTED TO PARAMETER UNIT AT INSTALLATION BY OTHERS.

CERTIFIED FOR CONSTRUCTION	
FOR: SOFIX CORPORATION	CHATTANOOGA, TN
REF: PURCHASE ORDER# 91-00008	W.O.#: 9048
BY: <i>K. Becker</i>	DATE: 8/12/91

ProQuip, Inc. 850 E. Highland Rd. Macedonia, Ohio 44056 216/468-1850	
TOLERANCES UNLESS OTHERWISE SPECIFIED: FRACTIONS ± 1/32" 3 PLACE DECIMAL ± .005"	SCALE: 2 PLACE DECIMAL ± .01" ANGLES ± 30° (1/2") DATE: 8 MAY 91 BY: D.P.SCHAAR CKD: APP'D:
3ZES30 AGITATOR AND GENERAL TANK ARRANGEMENT	
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1 D.P.SCHAAR 22 JUL 91 REV. BY: DATE: DESCRIPTION OF CHANGE:	REVISED DRAWINGS PER RETURNED APPROVALS DRAWING NUMBER: 20612800

114403 AGITATOR