

CERTIFIED
FOR CONSTRUCTION

FOR: SOFIX CORPORATION
CHATTANOOGA, TN

REF.: PURCHASE ORDER# 91-00008

ProQuip, Inc. W.O.#: 9050

BY: *K. Boller* DATE: 8/12/91

CERTIFIED OUTLINE & DIMENSION DRAWING

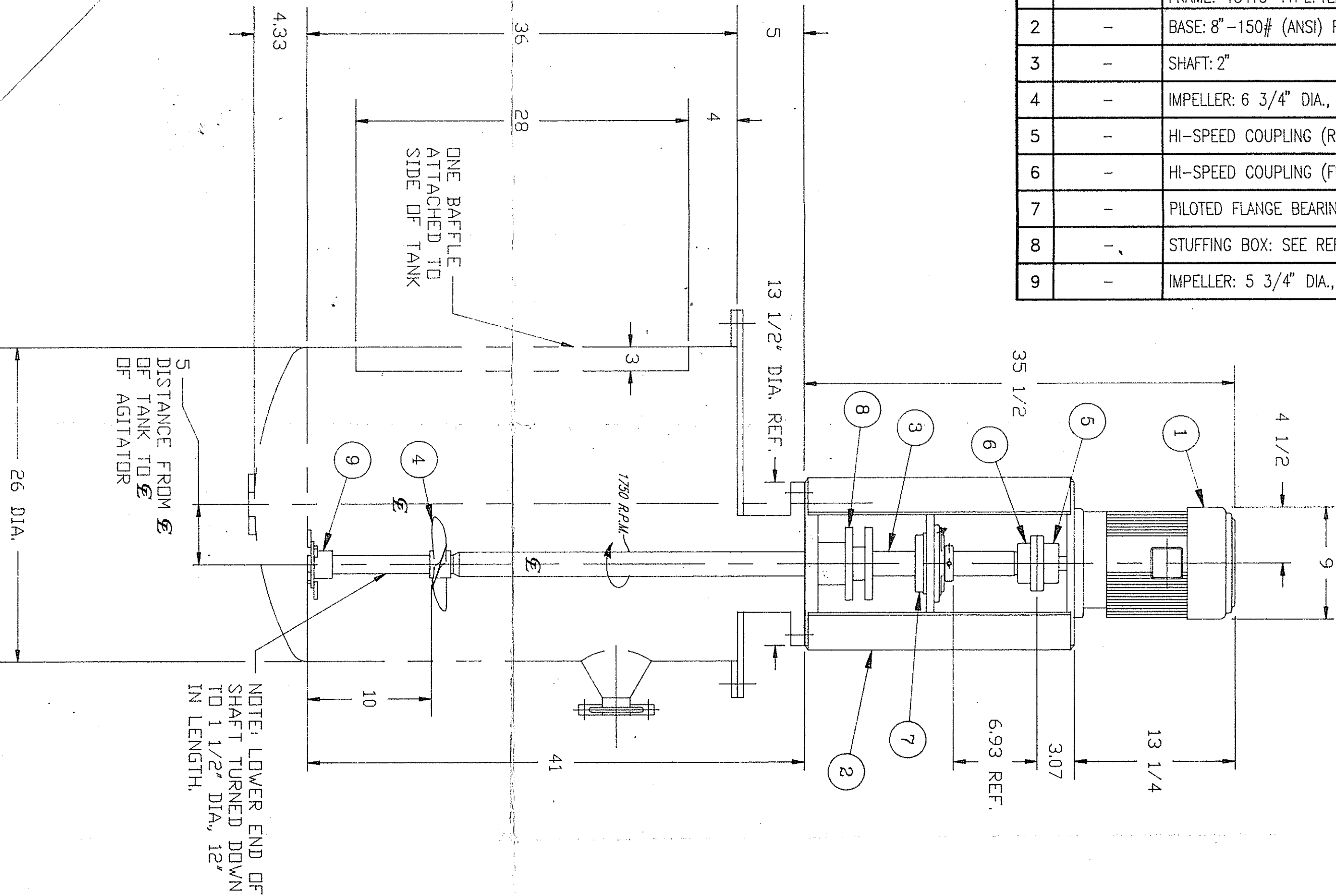
CUSTOMER: SOFIX CORPORATION
LOCATION: CHATTANOOGA, TN
PURCHASE ORDER: 91-00008

ProQuip WORK ORDER: 9050 SERIAL: 9050
QUANTITY: 1 WETTED PARTS MAT'L.: (NOTE - 4) WEIGHT: 400 lbs.

LOAD DATA FOR MIXER SUPPORT DESIGN
VERTICAL DOWNWARD FORCE (upward force from tank pressure not included) 400 lbs.
DYNAMIC TORQUE: 380 lbs-in. VARYING DYNAMIC OVERTURNING MOMENT 3000 lbs-in.
Mixer support design must consider both mechanical strength and rigidity. Support must be stiff enough to avoid perceptable drive movement while mixer is operating.
TANK, BAFFLES, AND SUPPORTS ARE NOT FURNISHED BY ProQuip.

MINIMUM TANK OPENING: 7" DIA. TAG NUMBER: C1011

ITEM	PART No.	ITEM DESCRIPTION
1	-	MOTOR- 5 HP;1800RPM; 230/460 V; 3 Ph; 60 Hz FRAME: 184TC TYPE: TEFC (U.S.MOTOR)
2	-	BASE: 8"-150# (ANSI) FLANGE
3	-	SHAFT: 2"
4	-	IMPELLER: 6 3/4" DIA., PROP, (3) BLADE
5	-	HI-SPEED COUPLING (RIGID HALF)
6	-	HI-SPEED COUPLING (FLEX HALF)
7	-	PILOTED FLANGE BEARING
8	-	STUFFING BOX: SEE REF DWG #2A613001
9	-	IMPELLER: 5 3/4" DIA., BAR TURBINE, (6) BLADE



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.
- WETTED PARTS TYPE 316 S.S., WELDED WETTED PARTS TYPE 316L S.S.

REV.	BY	DATE	DESCRIPTION OF CHANGE
1	J.P.SCHAAR	22 JUL 91	REVISED DRAWINGS PER RETURNED APPROVALS

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

TOLERANCES UNLESS OTHERWISE SPECIFIED:
FRACTIONS ± 1/32" 2 PLACE DECIMAL ± .01"
3 PLACE DECIMAL ± .005" ANGLES ± 30° (1/2°)

SCALE NTS
DATE 23 MAY 91

BY D.P.SCHAAR
CHK'D.
APP'D.

5PDS-1 AGITATOR AND
GENERAL TANK ARRANGEMENT

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DRAWING NUMBER
2C613000

114404 AGITATOR