

CERTIFIED OUTLINE & DIMENSION DRAWING

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

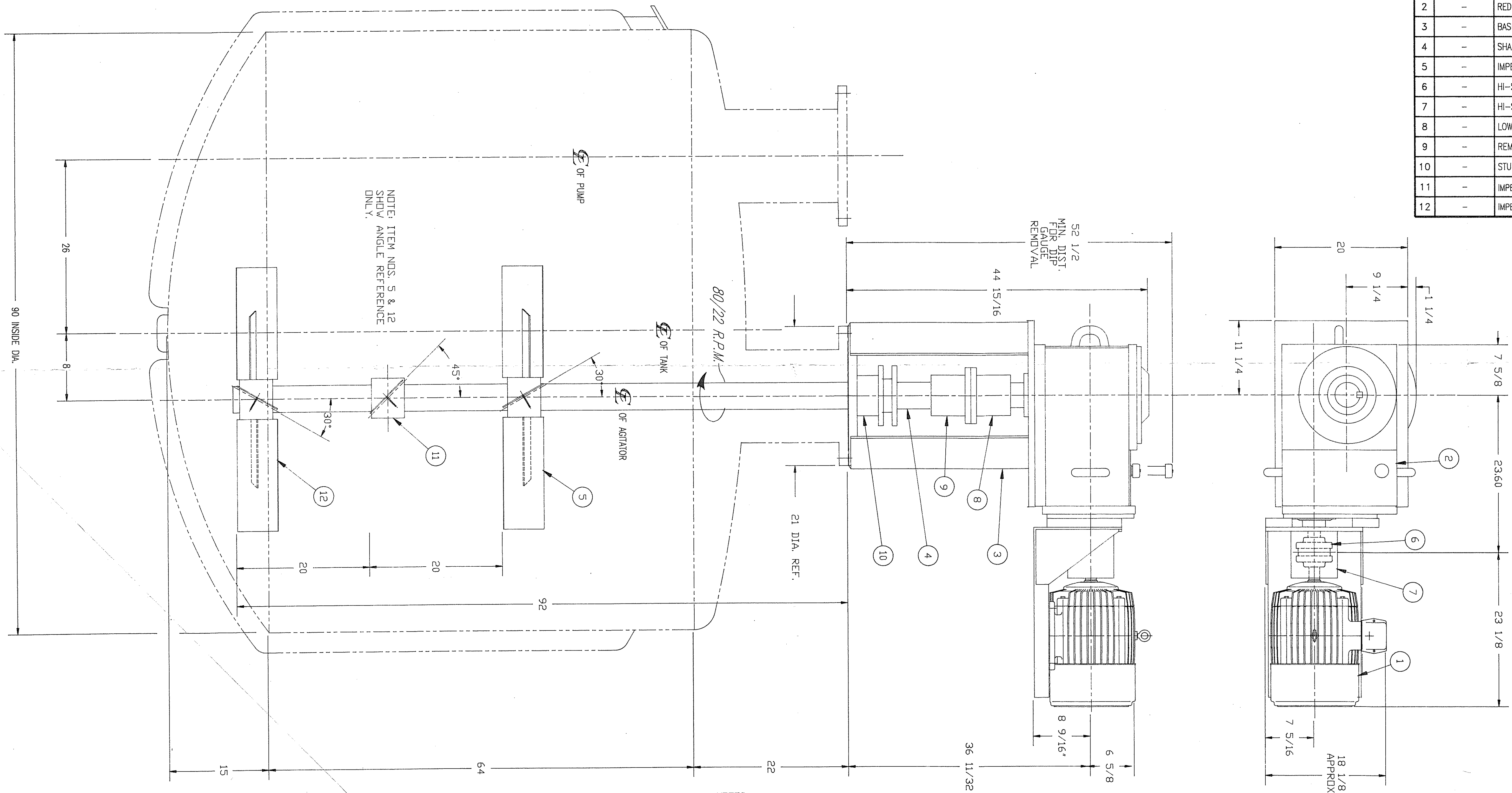
ProQuip WORK ORDER: 9049 SERIAL: 9049
QUANTITY: 1 WETTED PARTS MAT'L.: (NOTE - 5) WEIGHT: 1900 lbs.

LOAD DATA FOR MIXER SUPPORT DESIGN

VERTICAL DOWNWARD FORCE (upward force from tank pressure not included) 1900 lbs.
DYNAMIC TORQUE 23634 lbs.-in. VARYING DYNAMIC OVERTURNING MOMENT 52000 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: 40 1/2"	TAG NUMBER: C-1000-1
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ITEM	PART No.	ITEM DESCRIPTION
1	-	MOTOR- 15 HP;1800 RPM; 230 /460 V; 3 Ph; 60 Hz FRAME: 254T TYPE: TEFC (NOTE - 4)
2	-	REDUCER: QH-20
3	-	BASE: 14"-150# (ANSI) FLANGE (NOTE - 3)
4	-	SHAFT: 4" DIA.
5	-	IMPELLER: 39 1/2" DIA., AXIAL-FLOW, 2 LH BLADES
6	-	HI-SPEED COUPLING
7	-	HI-SPEED COUPLING GUARD
8	-	LOW-SPEED COUPLING - 8 3/8" DIA.
9	-	REMOVABLE COUPLING - 8 3/8" DIA.
10	-	STUFFING BOX: REF DWG #2A612901
11	-	IMPELLER: 39 1/2" DIA., AXIAL-FLOW, 2 LH BLADES
12	-	IMPELLER: 39 1/2" DIA., AXIAL-FLOW, 2 RH BLADES



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 15- HP CONSTANT TORQUE, 460 VOLT, DIGITAL DRIVE WITH RELAY CONTACT BOARD CONNECTED TO PARAMETER UNIT AT INSTALLATION BY OTHERS.
5. WETTED PARTS TYPE 316 S.S., WELDED WETTED PARTS TYPE 316L S.S.

CERTIFIED
FOR CONSTRUCTION

FOR: SOFIX CORPORATION
CHATTANOOGA, TN

REF.: PURCHASE ORDER# 91-00008

☒ Pre Certified Invoice W.O.#: 9049

BY: R. B. Bolen 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.	

15QHS20B AGITATOR AND
GENERAL TANK ARRANGEMENT

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DRAWING NUMBER
2D612900

114382 AG, TA