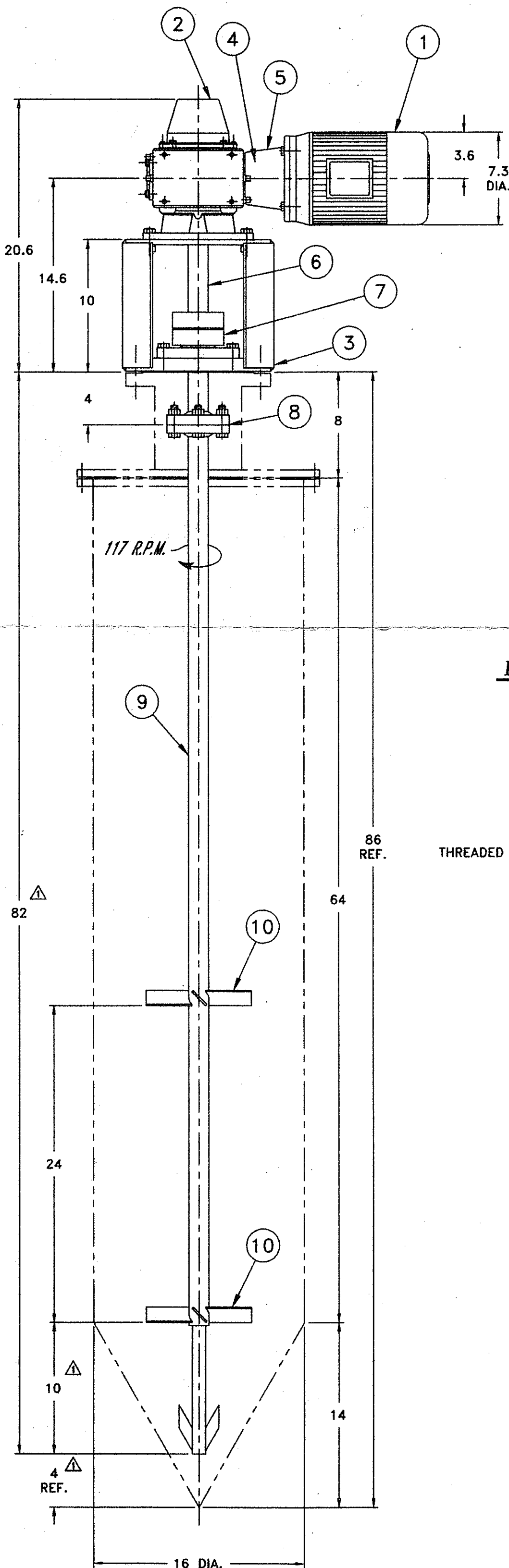
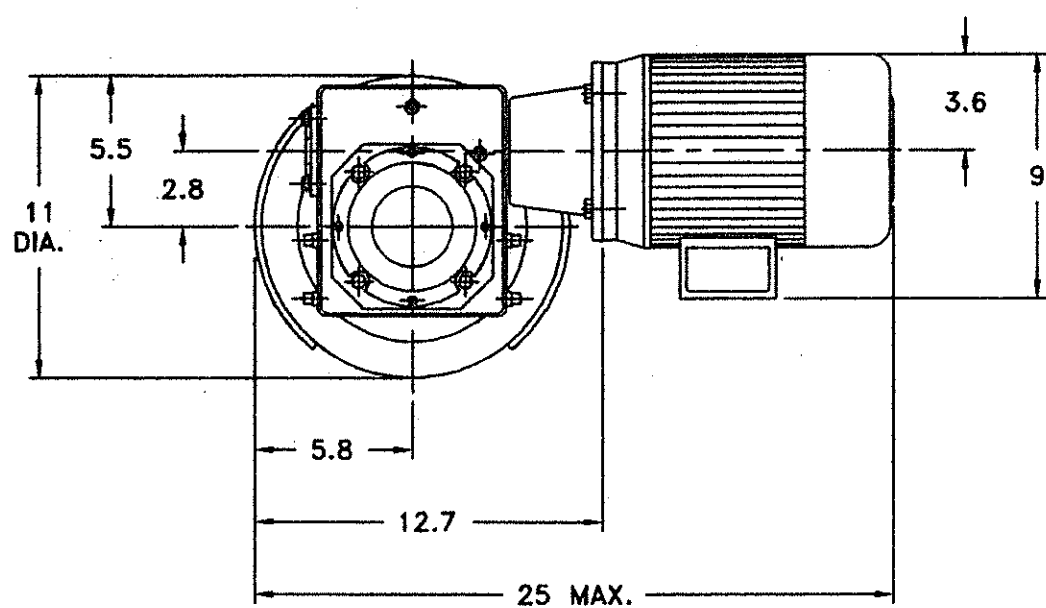
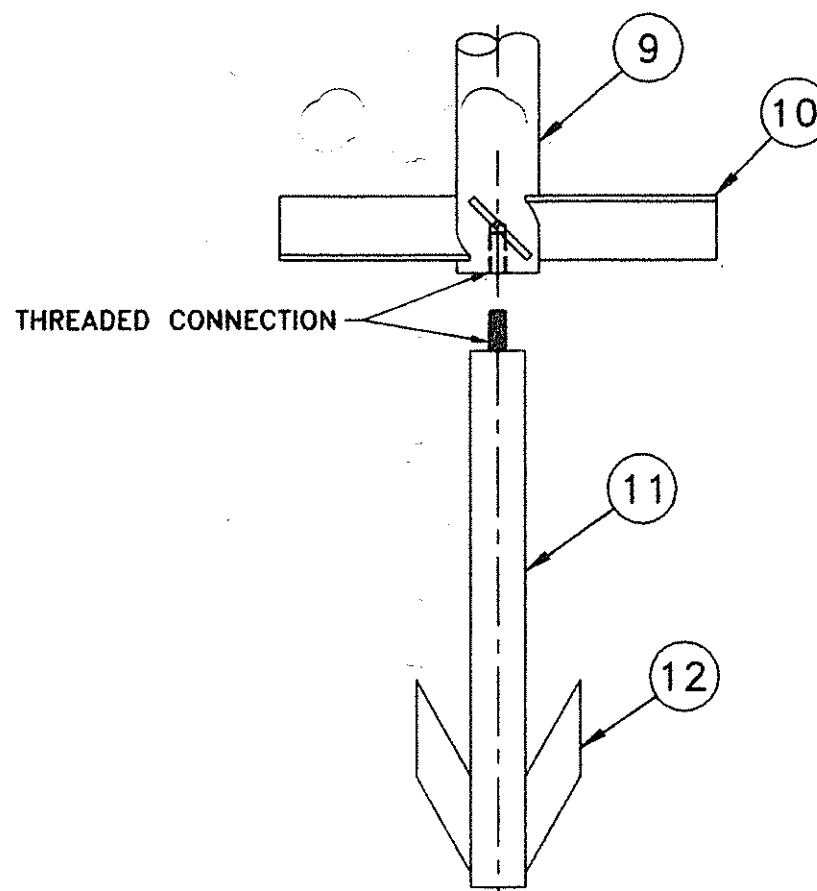
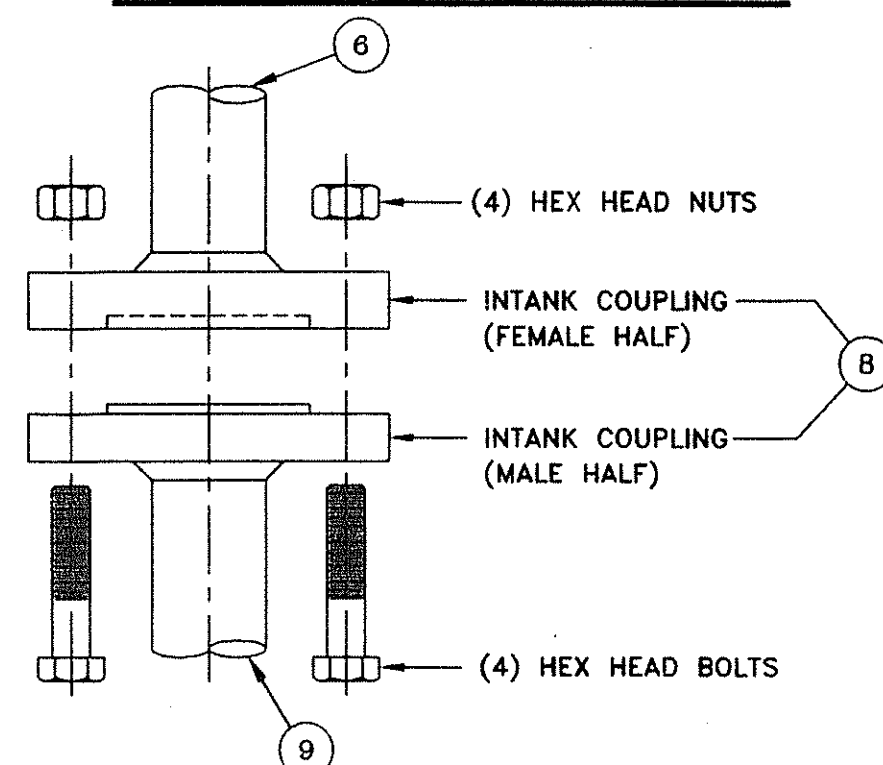




RADIAL IMPELLER ASSEMBLY



INTANK COUPLING ASSEMBLY



CERTIFIED OUTLINE & DIMENSION DRAWING

CUSTOMER: SOFIX CORPORATION
LOCATION: CHATTANOOGA, TN
PURCHASE ORDER No. P97-0168

ProQuip WORK ORDER: 13120 SERIAL: 13120
QUANTITY: (1) WETTED PARTS MAT'L: 304 S.S. WEIGHT: 220 lbs.

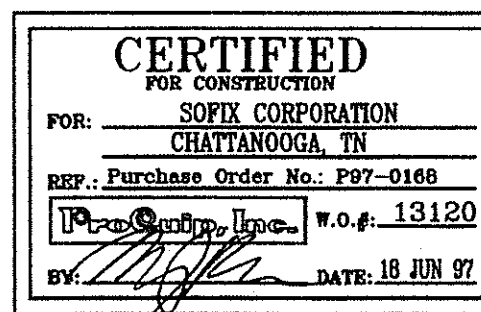
LOAD DATA FOR MIXER SUPPORT DESIGN
VERTICAL DOWNWARD FORCE: 220 lbs.
DYNAMIC TORQUE: 1,1700 lbs-in.
VARYING DYNAMIC OVERTURNING MOMENT 3,000 lbs-in.
MIXER SUPPORT DESIGN MUST CONSIDER BOTH MECHANICAL STRENGTH AND RIGIDITY. SUPPORT MUST BE STIFF ENOUGH TO AVOID PERCEPTABLE DRIVE MOVEMENT WHILE MIXER IS OPERATING TANK, BAFFLES, AND SUPPORTS ARE NOT FURNISHED BY ProQuip.

MINIMUM TANK OPENING: (NOTE-1)

ITEM	PART No.	ITEM DESCRIPTION
1		MOTOR - 1 HP; 1800 RPM; 230/460 V; 3 Ph; 60 Hz
		FRAME: 143TC TYPE: (NOTE-2)
2		REDUCER: JL-15
3		BASE: 6"-150 LB. (RF) ANSI FLANGE (NOTE-3)
4		HIGH SPEED COUPLING
5		HIGH SPEED COUPLING GUARD
6		SEAL SHAFT: 1.5 DIA.
7		MECHANICAL SEAL: DURA, SPLIT, MSS
8		INTANK COUPLING: 4.8 DIA.
9		LOWER SHAFT: 1.5 DIA.
10		IMPELLER: 8 DIA., AXIAL-FLOW, (4) BLADE
11		BOTTOM SHAFT: 1" DIA.
12		IMPELLER: 3 DIA., RADIAL-FLOW, (2) BLADE

GENERAL NOTES:

- MINIMUM TANK OPENING: 9 DIA. TO ALLOW PASSAGE OF THE LARGEST WELDED WETTED PART INTO THE VESSEL.
- MOTOR TYPE: CL-1, GR-D, DIV-1, ENERGY EFFICIENT.
- MOUNTING FLANGE DETAILS:
ANSI SIZE: 6"-150 LB.
OUTSIDE DIAMETER: 11
BOLT CIRCLE: 9.5
No. OF HOLES: 8
BOLT HOLE DIA.: .88
MOUNTING FLANGE HOLES STRADDLE MIXER CENTERLINES.
MOUNTING FLANGE FASTENERS SUPPLIED BY OTHERS.
- ITEMS NO. 9 & 10 ARE A ONE-PIECE, ALL-WELDED CONSTRUCTION.
- ITEM NO. 11 & 12 ARE A ONE-PIECE, ALL-WELDED CONSTRUCTION THAT SCREWS INTO ITEM No. 9.



1	D.P.SCHAAR	18 JUN 97	ADDED ITEMS No. 11 & 12
CHK'D BY	REV. BY	DATE	DESCRIPTION OF CHANGE
ProQuip, Inc. 850 E. Highland Rd. Macedonia, Ohio 44056 216/468-1850			
SCALE NTS		BY David P. Schaar	REV.
DATE 11 JUN 97		CHK'D.	APP'D.
100JLU15 AGITATOR AND GENERAL TANK ARRANGEMENT TAG ITEM: TOLUENE CONCENTRATOR			
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			REV. 1