



REVISION			
LTR	DESCRIPTION	DATE	APPD
24			

QTY	PART NO.	DESCRIPTION	MATERIAL/SOURCE	ITEM NO.
1	100-94	BASE ASSY.		38
1		PHASE LOCK MOTOR	SABINA 1750RPM	37
1		FLEXALIGN COUPLING	WALDRON 1W #148610 7/8 x 7/8	36
1		SHAFT	7/8 DIA. DRILL ROD	35
2		PILLOW BLOCK	FAFNIR #R45-7/8	34
1		SPROCKET	BOSTON 41B14 (24-TEETH)	33
1	D10808	TURNING SECTION		32
1	D10753	SCREEN BARREL		31

QTY	PART NO.	DESCRIPTION	MATERIAL/SOURCE	ITEM NO.
1	D10751	CONTRACTION CONE		30
1	D10754	STRAIGHT THRU SECT		29
1		90° SHORT RAD. EL.		28
1		SILENT VALVE		27
1		FLOWMETER ADAPTER		26
1		TURBINE FLOWMETER		25
1	100-50-2	PULSE VALVE ASSY		24
1	100-23	RESERVOIR ASSY		23
1	100-50-1	PULSE VALVE ASSY		22
1	100-36	PULSE VALVE HSG		21
1		CONTRACTION CONE		20
1	100-24	R.H. FLEX JOINT		19
2		FLOWMETER		17
1		L.H. FLEX JOINT		16

QTY	PART NO.	DESCRIPTION	MATERIAL/SOURCE OF SUPPLY	ITEM NO.
1	100-28	UPSTREAM FLOW SECT		15
1	100-25	CAGE		14
1	E10755	ECCENTRIC DRIVE ASSY		13
1	R10756	EXTERNAL BALANCE ASSY		12
1	B10756	SPROCKET	BOSTON 41B14 (24-TEETH)	11
1	B10757	AIR COUPLING		10
1	B10757	COUPLING	THOMAS STYLE CE SIZE 75	9
2	B10755	SPLIT COUPLING		7
1	B10756	COUPLING		6
1	B10755	MAGNETIC PICK-UP		5
1		SLIP RING ASSY	FABRICAST TYPE 1186, TYPE B, 51C1B	4
1	D10754	GEAR DRIVE ASSY	VI-STAR MODEL 6401, RATIO 2:1	3
1		FLEXALIGN COUPLING	WALDRON 1W 1 1/2 x 1 1/2 BORES	2
1		MOTOR		1

(REDUCED)

NOTES: 1. REMOVE ALL BURRS AND SHARP EDGES.

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES TOLERANCE ON DECIMALS .005 ANGULAR ± .1° SURF ± .005 TOLERANCE ON FRACTIONS ± 1/32 MACHINE FINISH 12/		DESIGN CAL	DATE	APPROVED	DATE	APPROVED	DATE
CUSTOMER		SCALE 1/4"	WT.	ORIG. NO.	SHEET	OF	

Fig. 2.3. The Dynamic Pump Test Facility after the addition of the Rotor Force Test Facility.