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**NOTES:**

1. INLET IS 8" PIPE (125# ANSI FLANGED).
2. OUTLET IS 6" PIPE (GROOVED).
3. PURGE OUTLET IS 1-1/2" PIPE.
4. MAXIMUM PRESSURE: 100 psi (6.9 bar).
5. MAXIMUM TEMPERATURE: 100°F (37.8°C).
6. SPECIFIED FLOWRATE OF 825 gpm (187 m³/hr).
7. FINISH: AS ASSEMBLED.
8. POWER REQUIREMENT: 460V, 3PH, 60Hz.
9. NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
10. APPROXIMATE DRY WEIGHT: 2535 lbs (1150 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCY-0825-PLUS RECOMMENDED.
12. MINIMUM PIPE FROM TOWER BASIN TO TP SYSTEM IS 8" PIPE.
13. FLOODED SUCTION REQUIRED.
14. MAXIMUM BASIN SIZE 725 sq ft.

**COMPONENT LIST:**

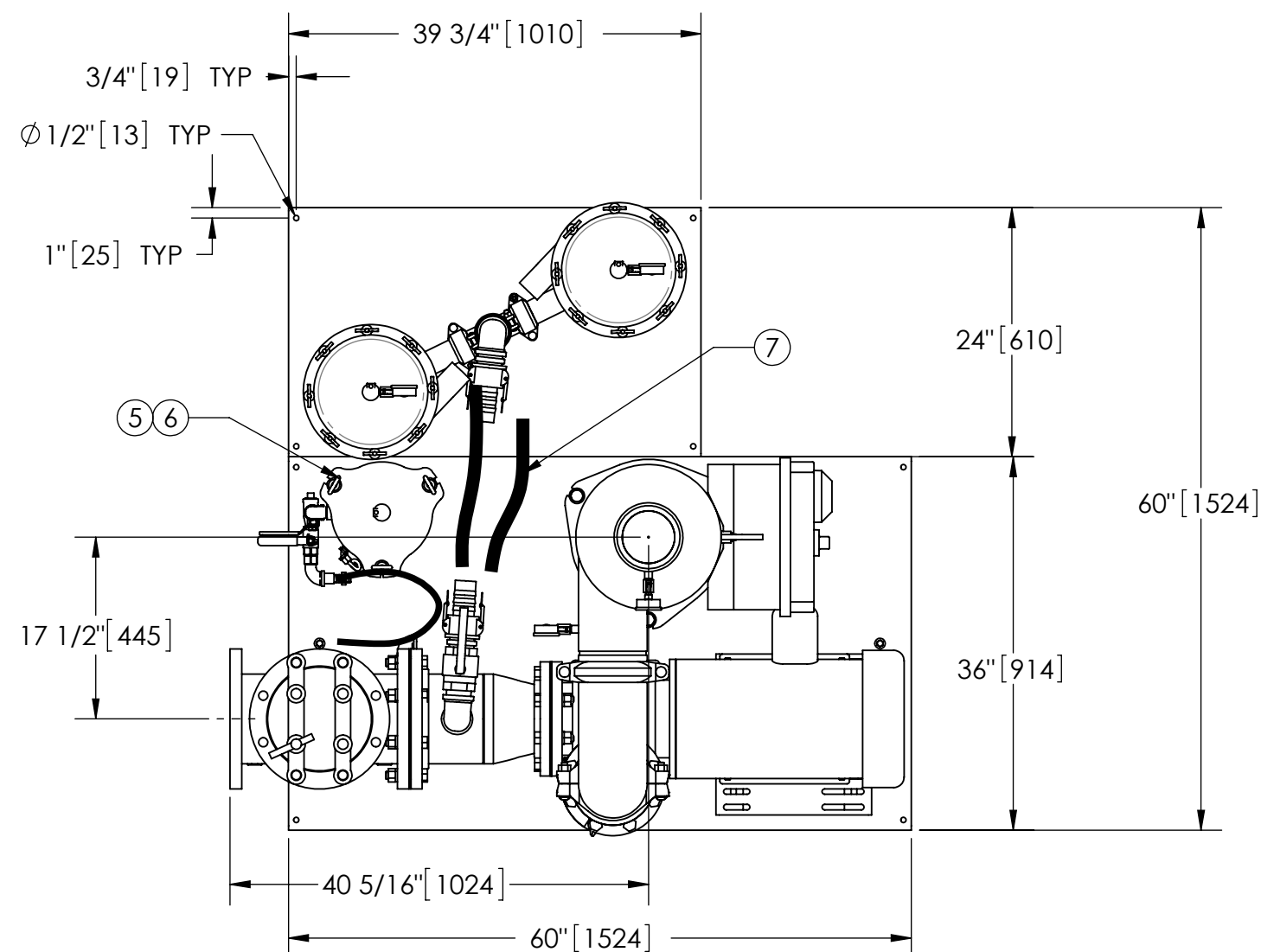
- ① ELECTRICAL CONTROL BOX 460V 60Hz W/115V TRANSFORMER.
- ② SEPARATOR: HTH-0450-TC.
- ③ PUMP: 30 HP CENTRIFUGAL, 3500 rpm, 460V, 60Hz.
- ④ INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
- ⑤ PURGE EQUIPMENT: SRV-816.
- ⑥ DIFFERENTIAL PRESSURE INDICATOR: (AVAILABLE WITH DRY DRY CONTACT-MODEL DHE-15-S. ORDER SEPARATELY).
- ⑦ HOSE ATTACHED IN FIELD WITH QUICK DISCONNECT COUPLINGS.
- ⑧ 2X 316SS, .35 MICRON FILTERS @ 100 gpm TOTAL.
- ⑨ BASKET STRAINER.

REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED

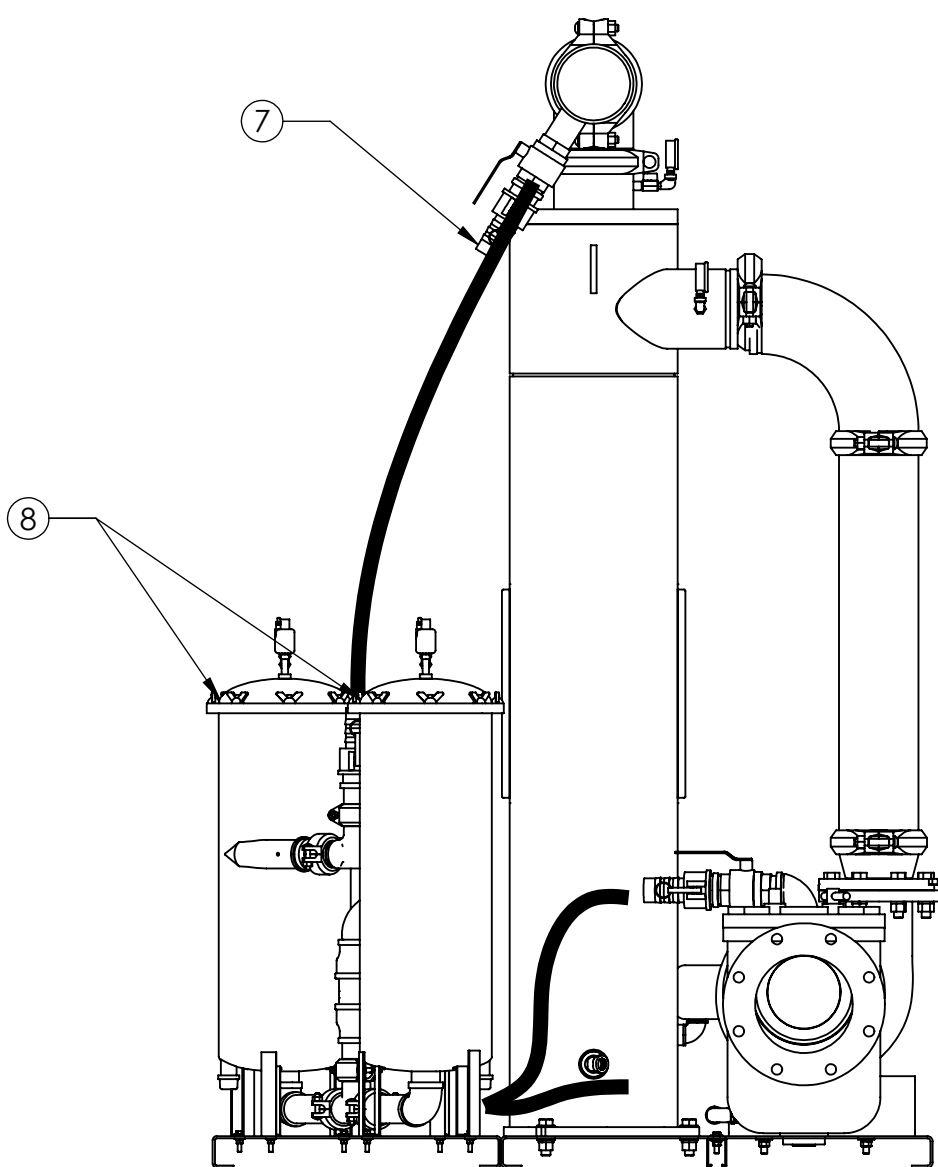
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**SUBMITTAL DRAWING**

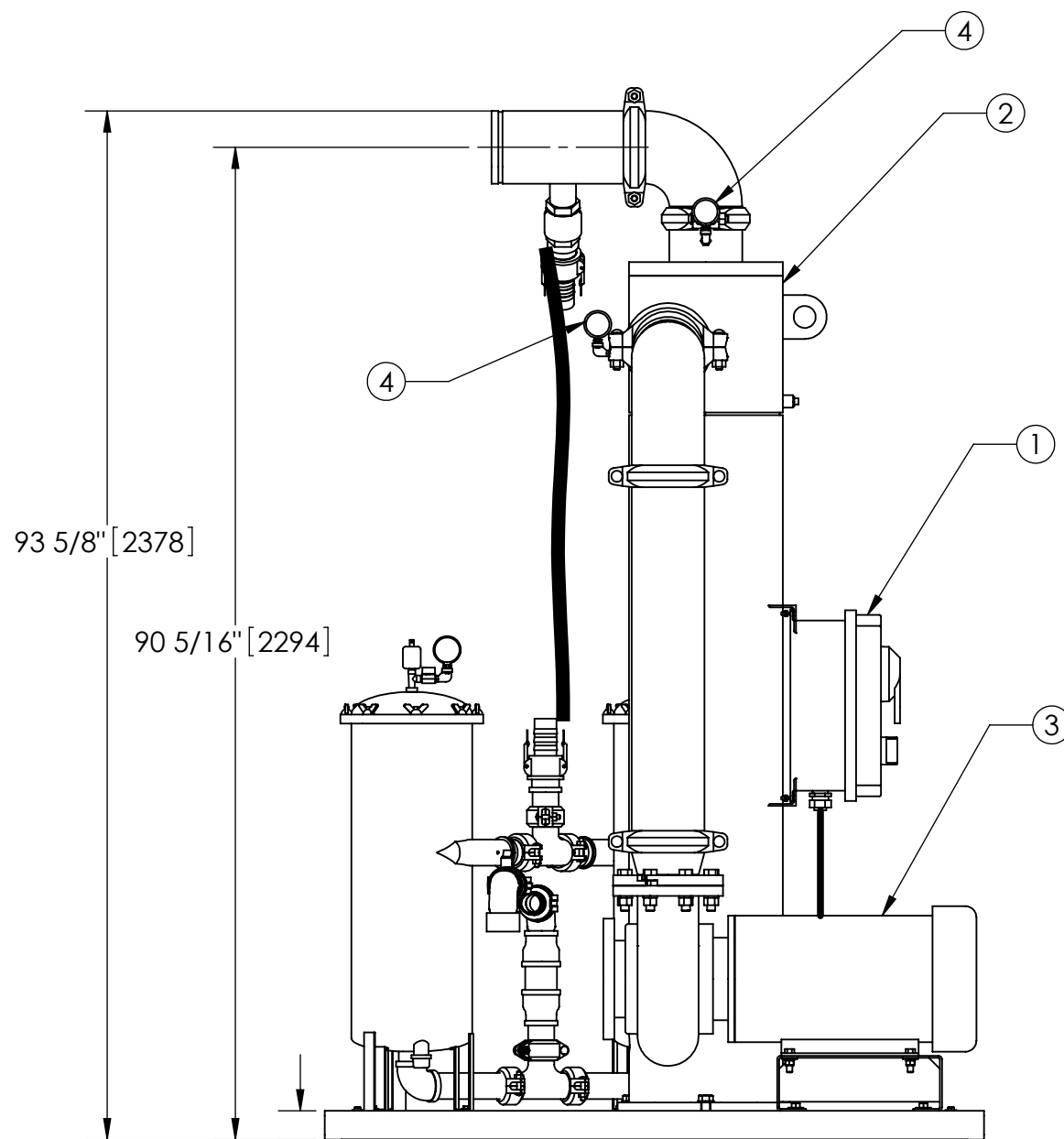
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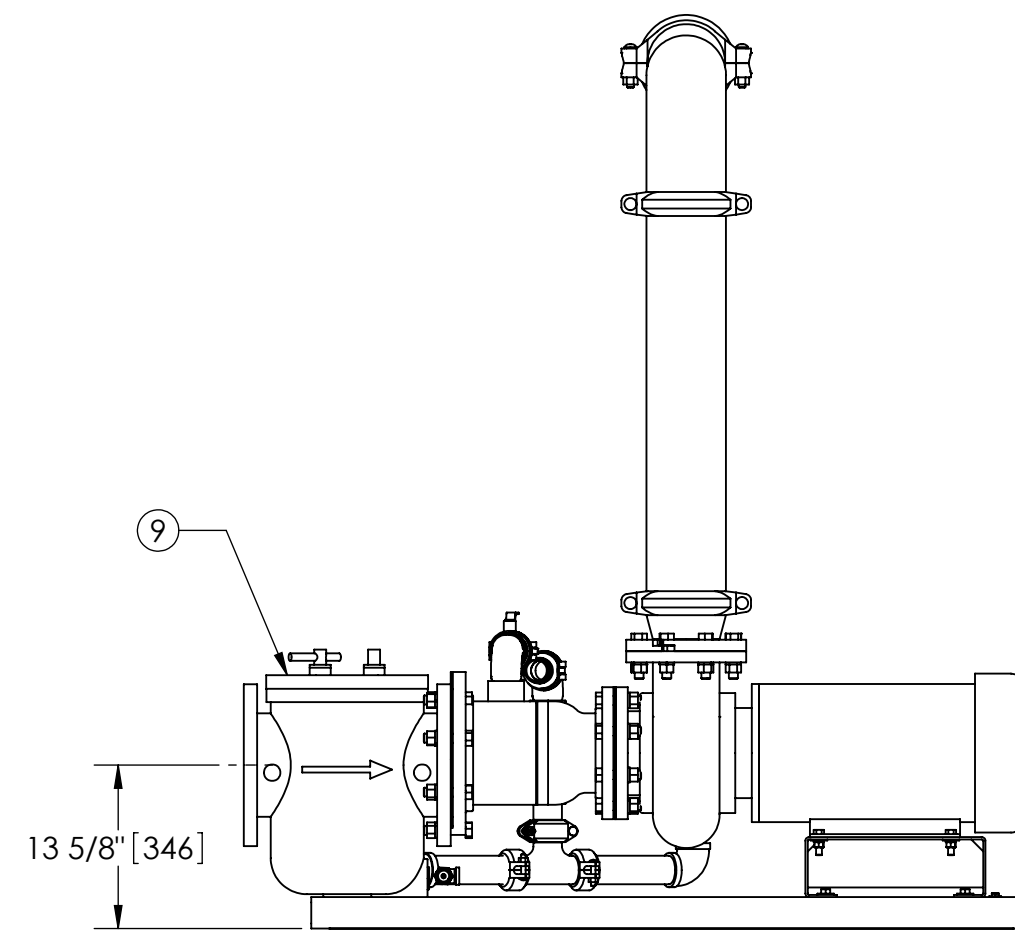
**TOP VIEW**



**SIDE VIEW W/O SRV**



**FRONT VIEW W/O STRAINER/SRV**



**FRONT VIEW PUMP/SPOOL/STRAINER**

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: INCHES [mm] TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± 1/2" .XX ± .01 ± 1/4" XXX ± .005 XXXX ± .0005		ENGINEERED FOR: <b>STANDARD</b>		CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM	
DO NOT SCALE DRAWING	APPROVALS	DATE	TITLE		
MATERIAL	DRAWN DLW	2/11/05	TPI-0825-SRV, TCI SYSTEM .35 MICRON, SWEEPER HTH-0450, 460V 60HZ PLUS		
FINISH	ENGR ADJ	2/11/05	SIZE	MODEL NO.	DWG NO.
AS ASSEMBLED	MFG -	-	C		123487
	WORK ORDER	QTY.	SCALE	EST. WT.	SHEET
			1:16		1 OF 1

DWG NO. 123487 SH 1 REV -