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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 1100 gpm (250 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: 3635 lbs (1649 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCX-1100-PLUS RECOMMENDED.
12. MINIMUM PIPE FROM TOWER BASIN TO TP SYSTEM IS 10" PIPE.
13. FLOODED SUCTION REQUIRED.
14. MAXIMUM BASIN SIZE 1000 sq ft.

COMPONENT LIST:

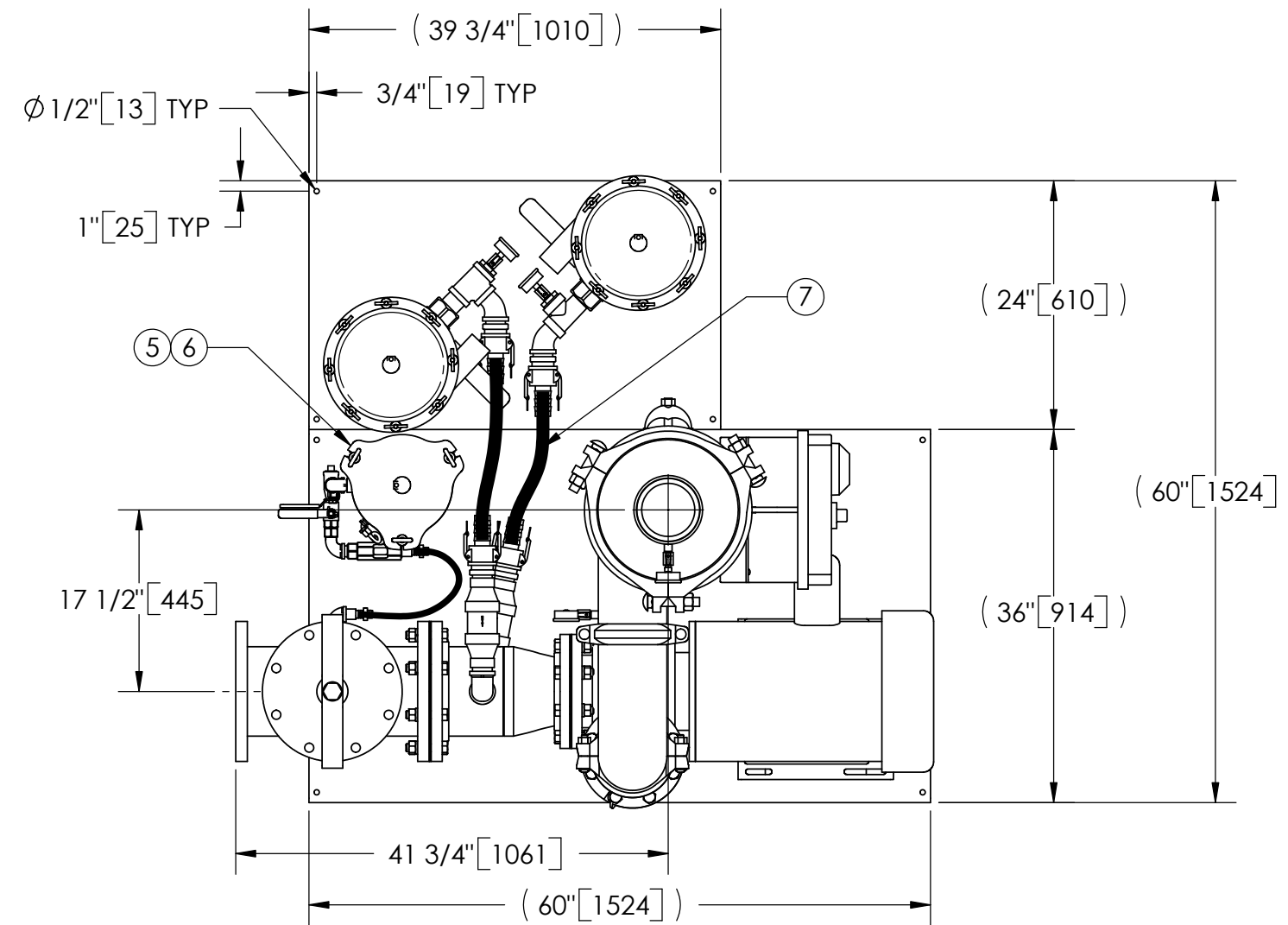
- ① ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- ② SEPARATOR: HTX-0500-TC.
- ③ PUMP: 40 HP CENTRIFUGAL, 3500 rpm, 460V, 60Hz.
- ④ INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
- ⑤ PURGE EQUIPMENT: SRV-816.
- ⑥ DIFFERENTIAL PRESSURE INDICATOR: (AVAILABLE WITH DRY DRY CONTACT-MODEL DHE-15-S. ORDER SEPARATELY).
- ⑦ HOSE ATTACHED IN FIELD WITH QUICK DISCONNECT COUPLINGS.
- ⑧ 316SS, .35 MICRON FILTER @ 100 gpm (22.7 m³/hr).
- ⑨ BASKET STRAINER.

REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED

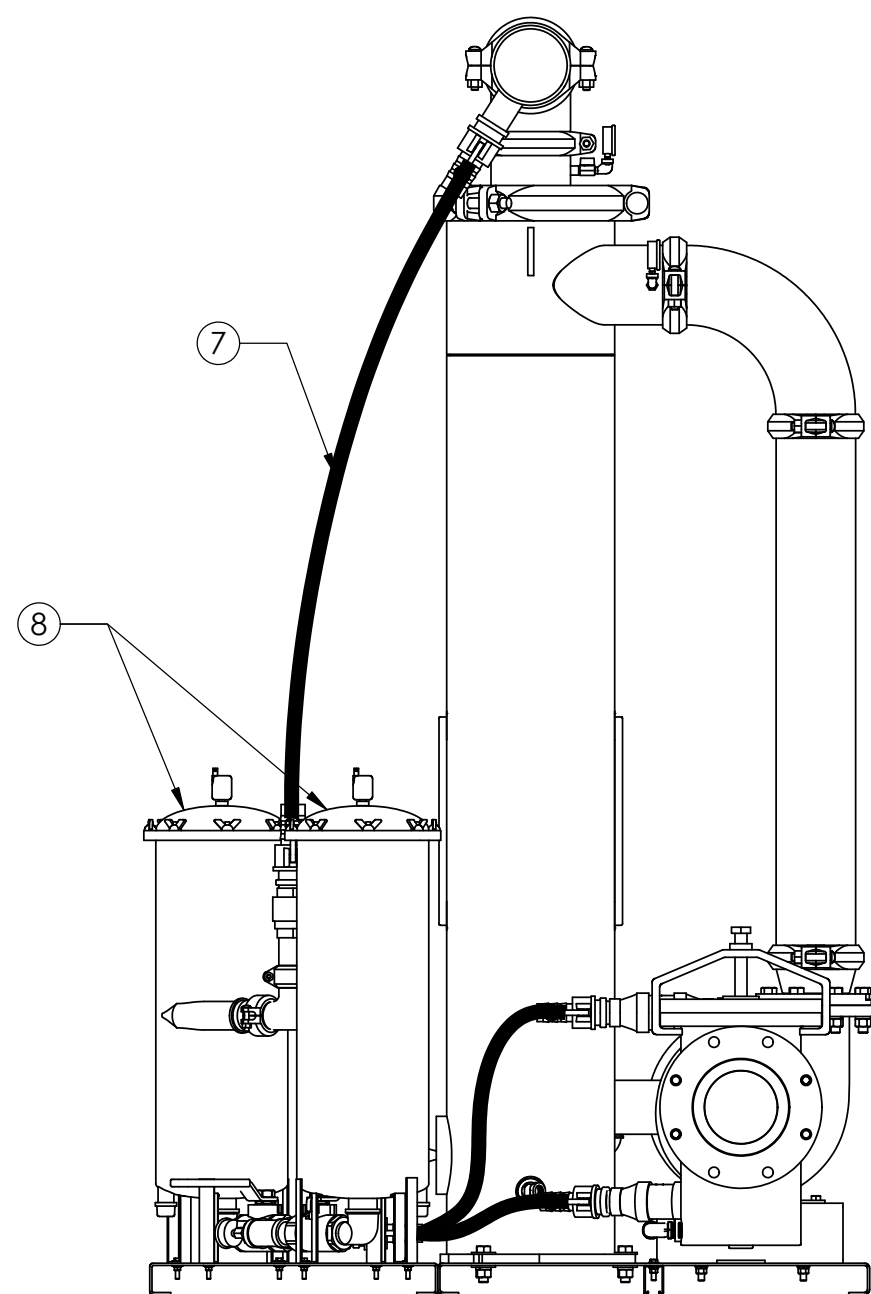
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SUBMITTAL DRAWING

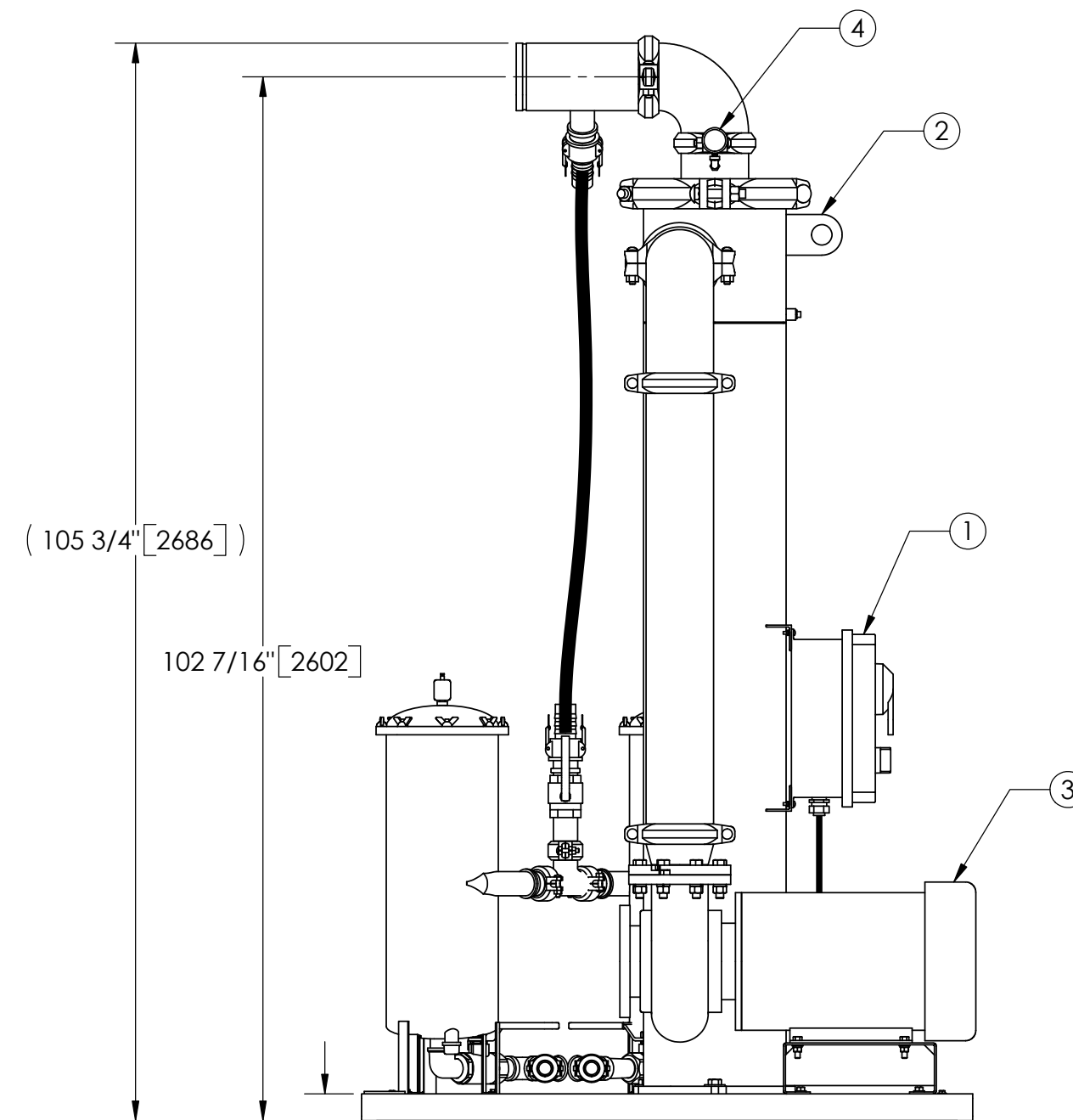
This drawing is submitted for spatial consideration only. Do not pre-plumb to these dimensions.



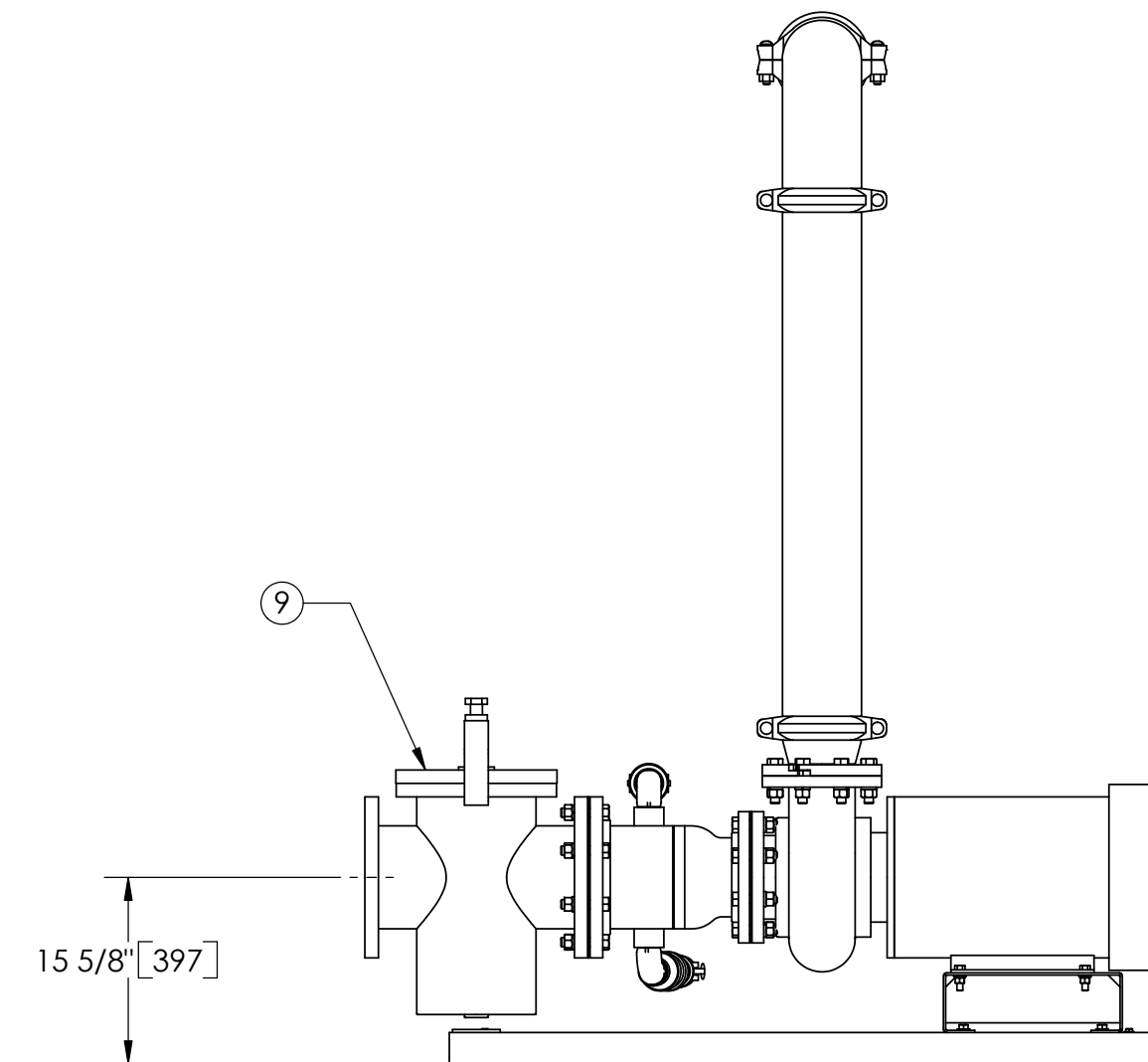
TOP VIEW



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: STANDARD		CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM		LAVAL UNDERGROUND SURVEYS	
DO NOT SCALE DRAWING		APPROVALS	DATE	TITLE TPX-1100-SRV, TCX SYSTEM .35 MICRON, SWEEPER HTX-0500, 460V 60HZ PLUS			
MATERIAL	SEE PARTS LIST	DRAWN	ENGR	DATE	SIZE	MODEL NO.	DWG NO.
FINISH	AS ASSEMBLED	HSK	ADJ	2/16/05	C		123379
		WORK ORDER		3/17/05	SCALE	EST. WT.	SHEET
					1:16		1 OF 1

DWG. NO. 123379

REV. 1