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NOTES:

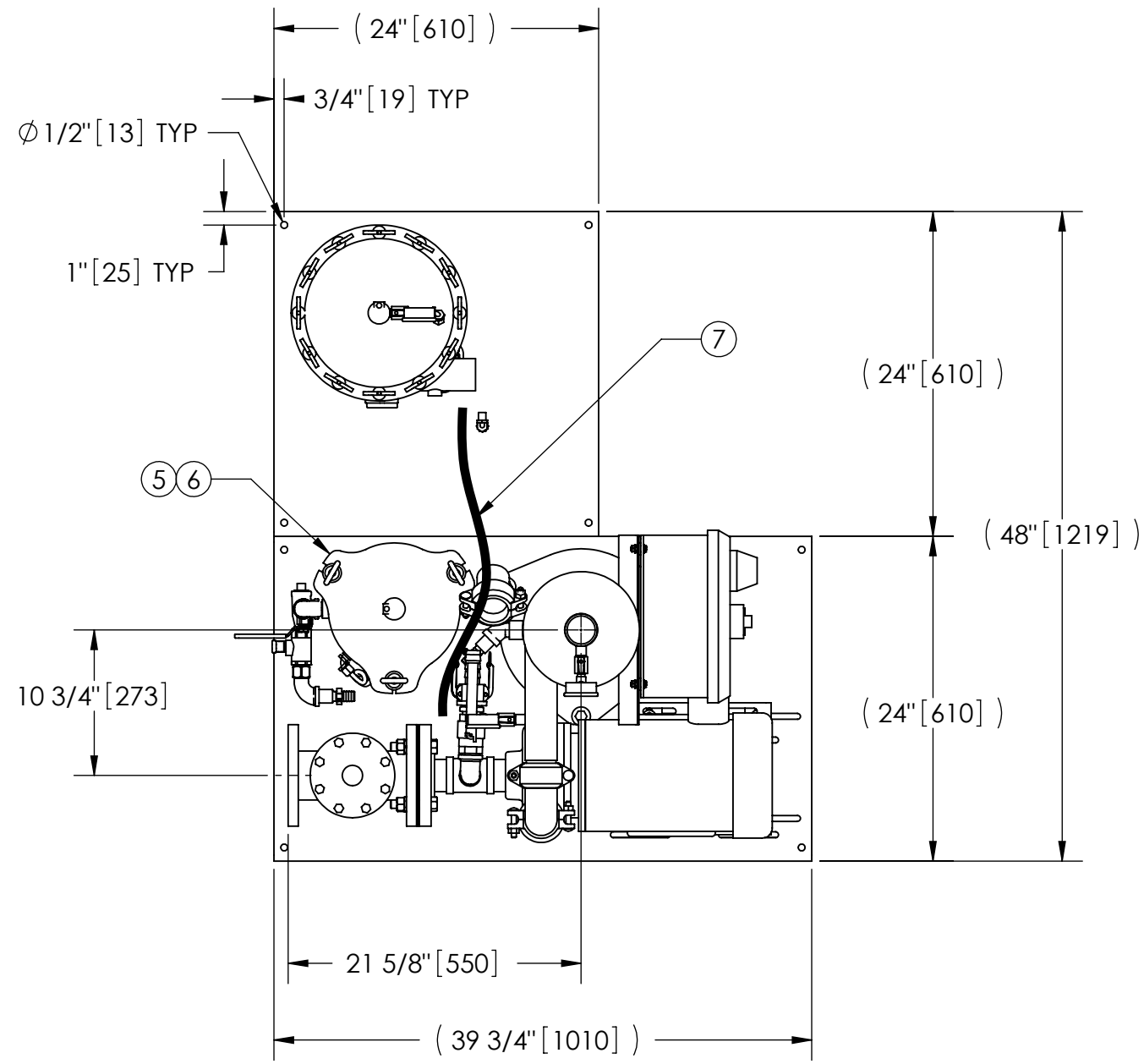
1. INLET IS 3" PIPE (125# ANSI FLANGED).
2. OUTLET IS 2" PIPE (GROOVED).
3. PURGE OUTLET IS 3/4" PIPE.
4. MAXIMUM PRESSURE: 100 psi (6.9 bar).
5. MAXIMUM TEMPERATURE: 100°F (37.8°C).
6. SPECIFIED FLOWRATE OF 100 gpm (23 m³/hr).
7. FINISH: AS ASSEMBLED.
8. POWER REQUIREMENT: 460V, 3PH, 60Hz.
9. NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
10. APPROXIMATE DRY WEIGHT: 685 lbs (310 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCV-0100-PLUS RECOMMENDED.
12. MINIMUM PIPE FROM TOWER BASIN TO TP SYSTEM IS 3" PIPE.
13. FLOODED SUCTION REQUIRED.
14. MAXIMUM BASIN SIZE 80 sq ft.

COMPONENT LIST:

- ① ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- ② SEPARATOR: ILB-0200-TC.
- ③ PUMP: 5 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 @ 20 gpm (4.5 m³/hr).
- ⑨ BASKET STRAINER.

REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED

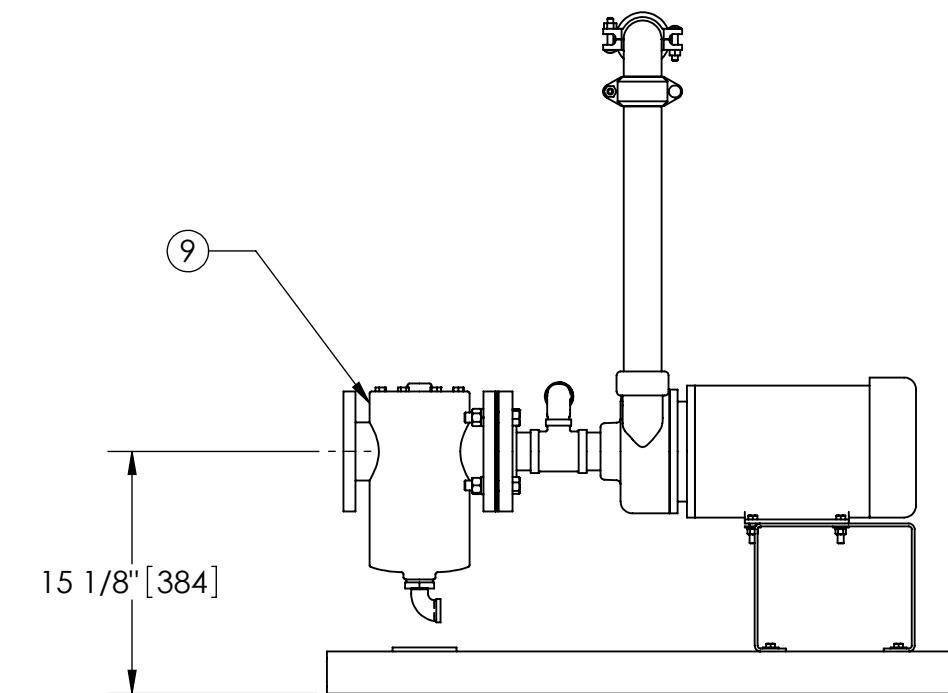
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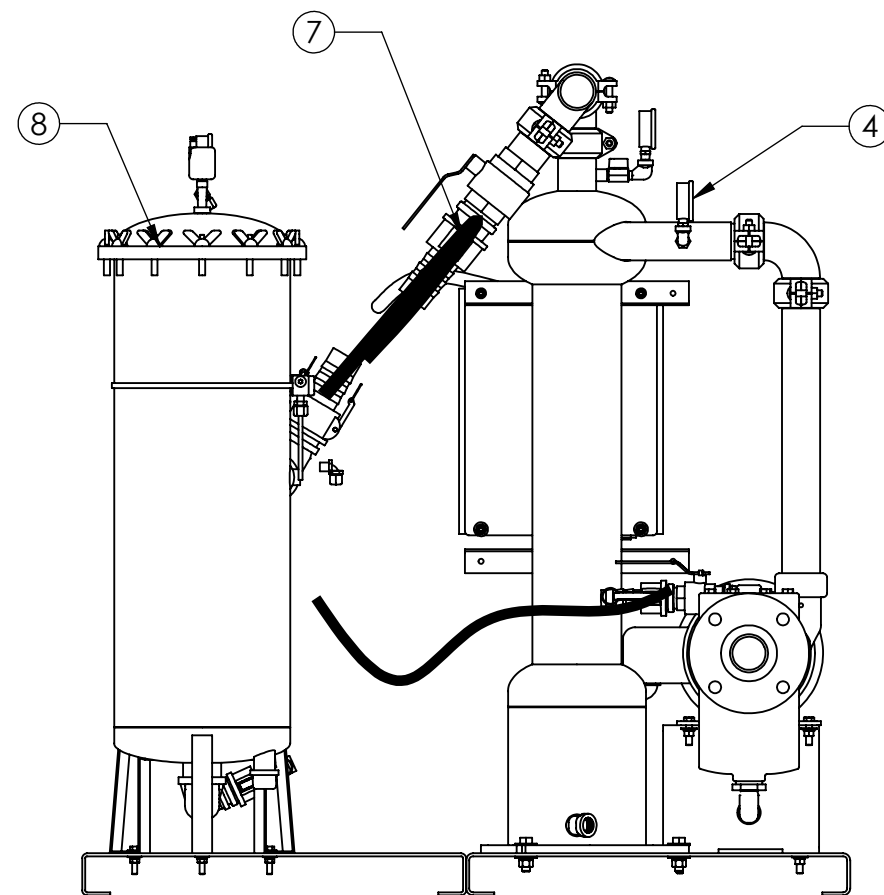
TOP VIEW

SUBMITTAL DRAWING

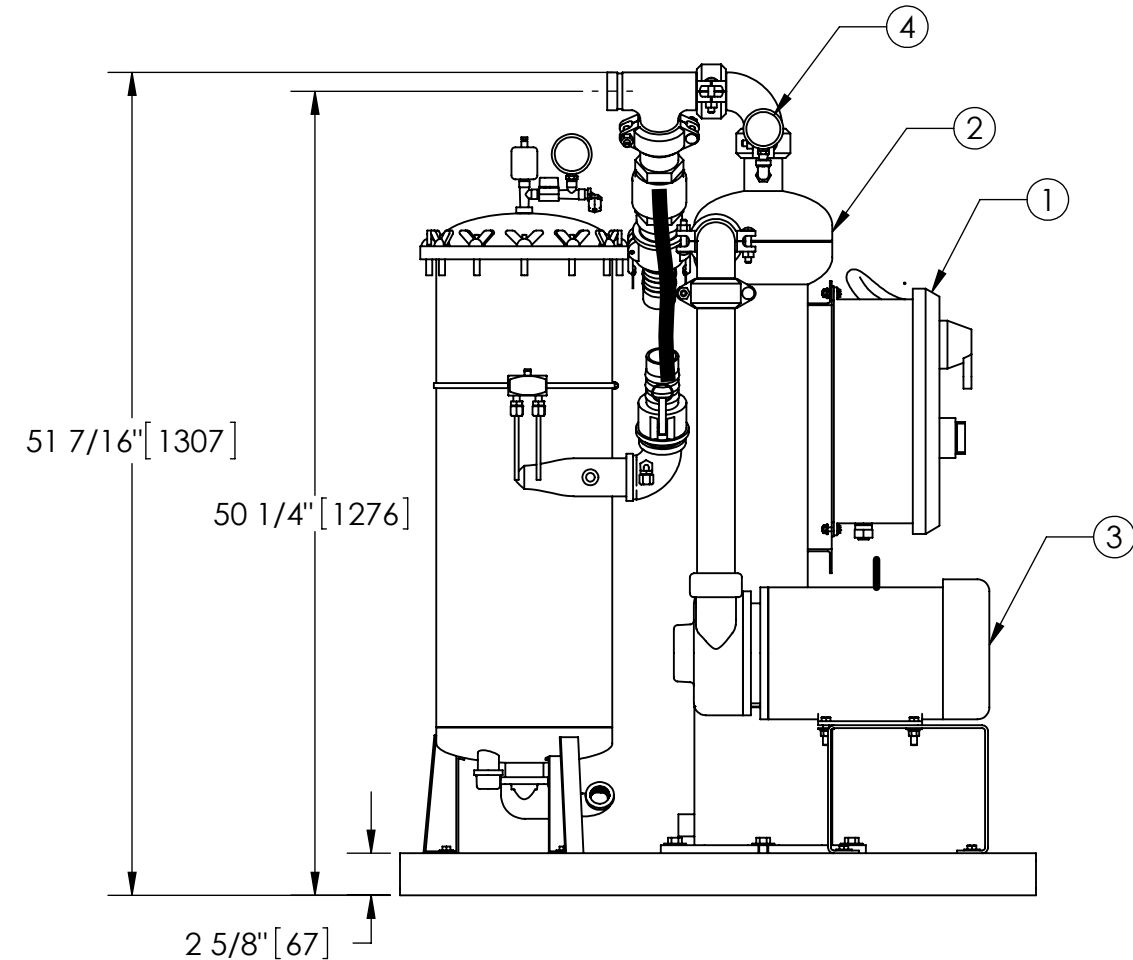
This drawing is submitted for spatial consideration only. Do not pre-plumb to these dimensions.



FRONT VIEW PUMP/STRAINER



SIDE VIEW W/O SRV



FRONT VIEW W/O STRAINER/SRV

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			
MATERIAL PER LAKOS SPEC		DRAWN HSK	2/15/05	TPI-0100-SRV, TCI SYSTEM .35 MICRON, SWEEPER ILB-0200, 460V 60HZ PLUS			
FINISH AS ASSEMBLED		ENGR DLW	2/22/05	SIZE C	MODEL NO.	DWG NO. 123481	REV. -
WORK ORDER		MFG -	QTY.	SCALE 1:12	EST. WT.	SHEET 1 OF 1	

DWG NO. 123481 SH 1 REV -