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REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED

NOTES:

1. INLET IS 3" PIPE (FLANGED).
2. OUTLET IS 2-1/2" 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 145 gpm (33 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: 814 lbs (369 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCX-0145-PLUS RECOMMENDED.
12. MINIMUM PIPE FROM TOWER BASIN TO TP SYSTEM IS 4" PIPE.
13. FLOODED SUCTION REQUIRED.
14. MAXIMUM BASIN SIZE 120 sq ft.

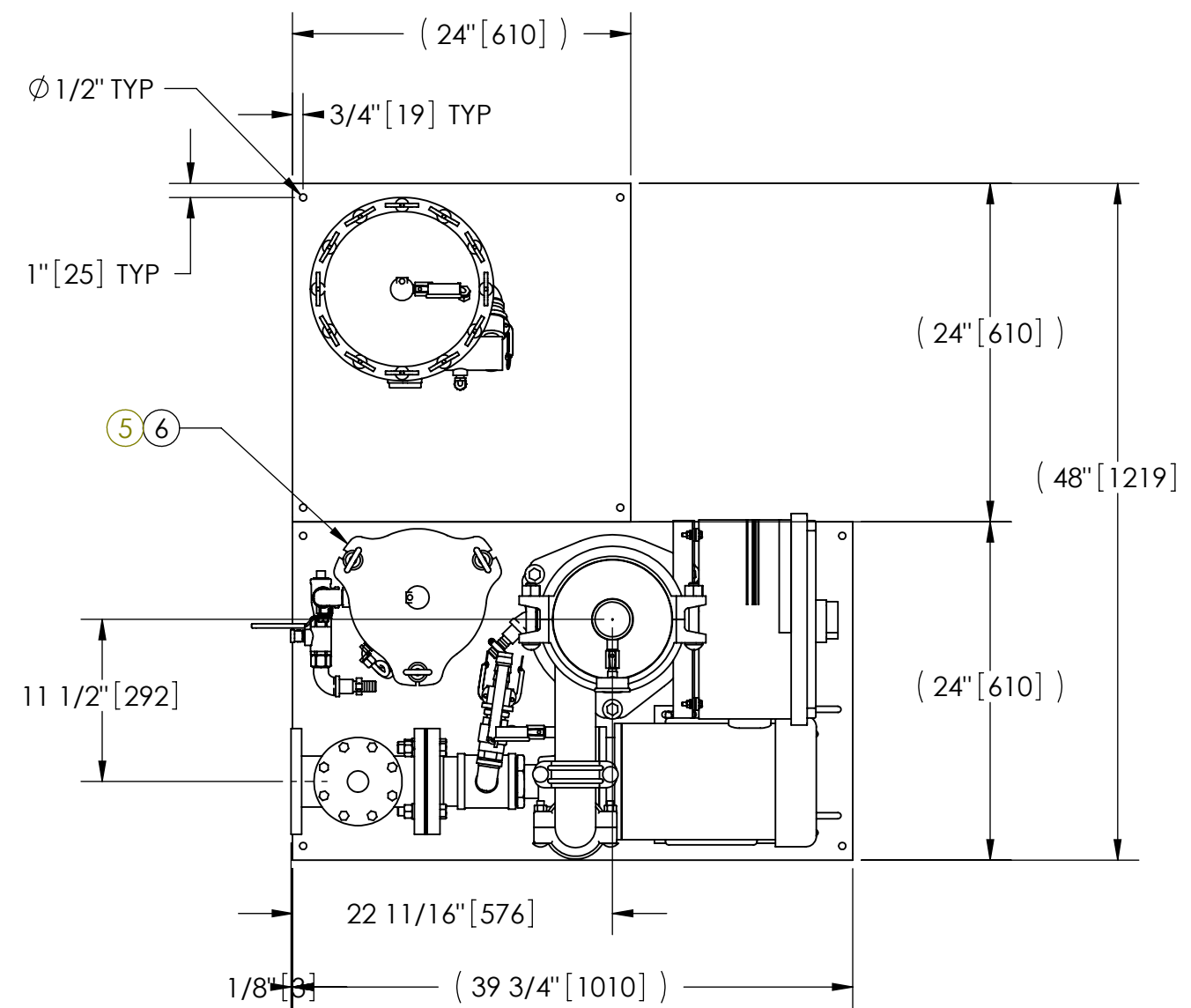
COMPONENT LIST:

- ① ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- ② SEPARATOR: HTX-0085-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 FILTER VESSEL, 2", HRF-930-MP-2-BL, 316SS. ³
- ⑨ BASKET STRAINER.

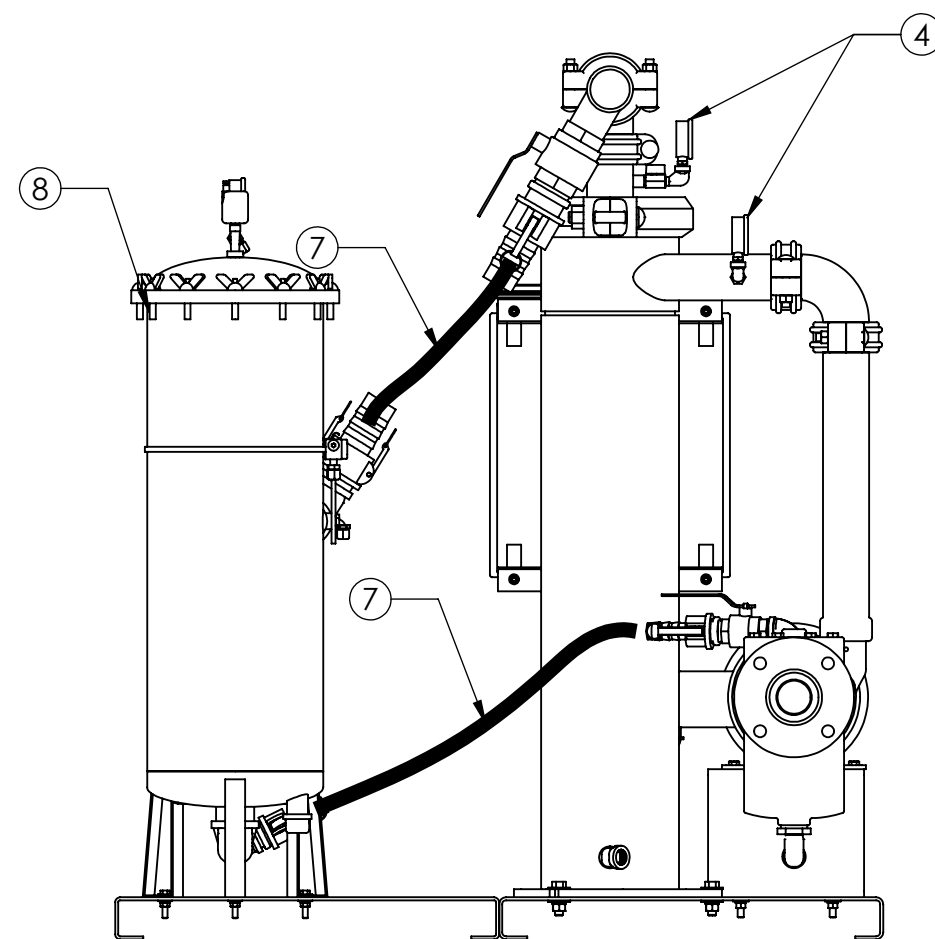
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SUBMITTAL DRAWING

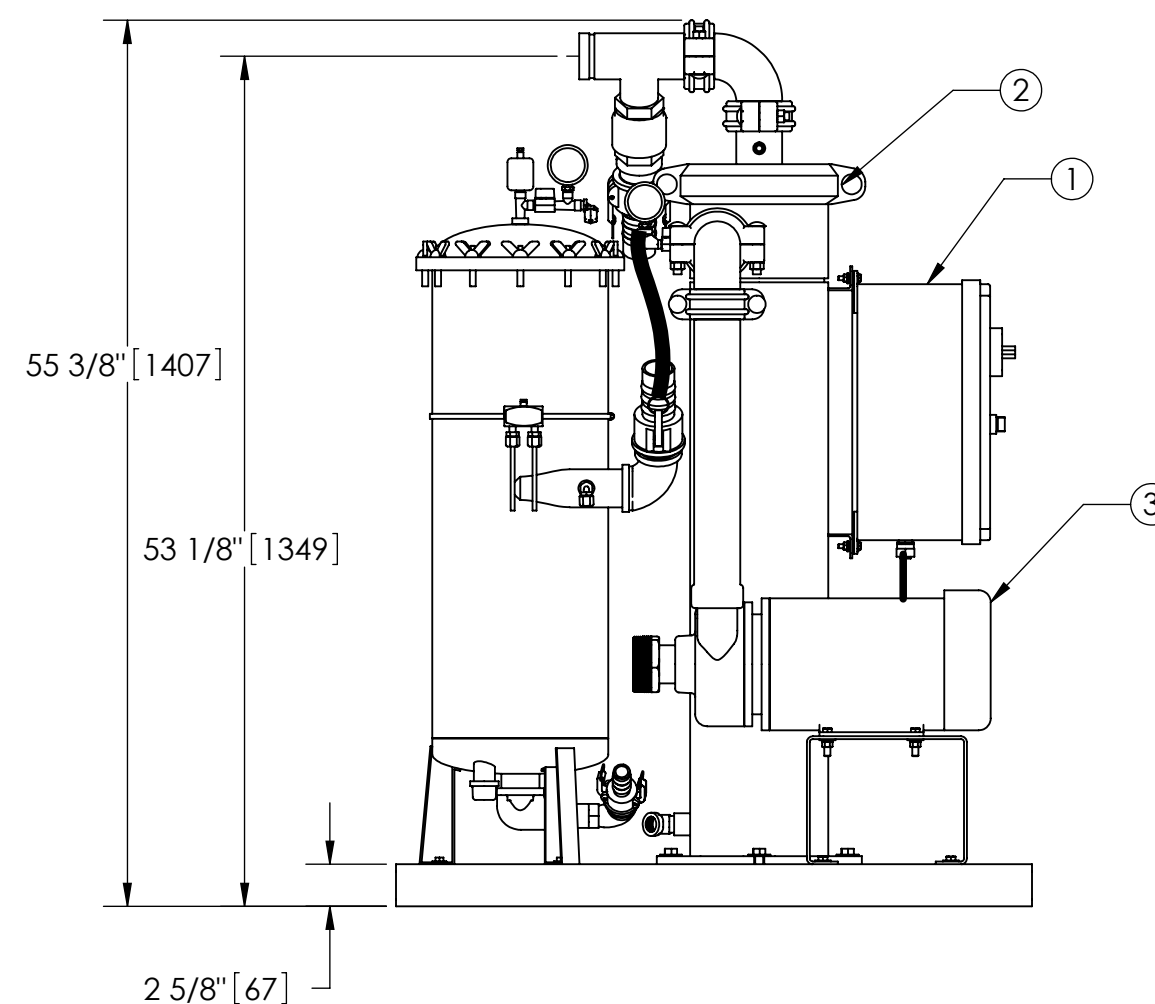
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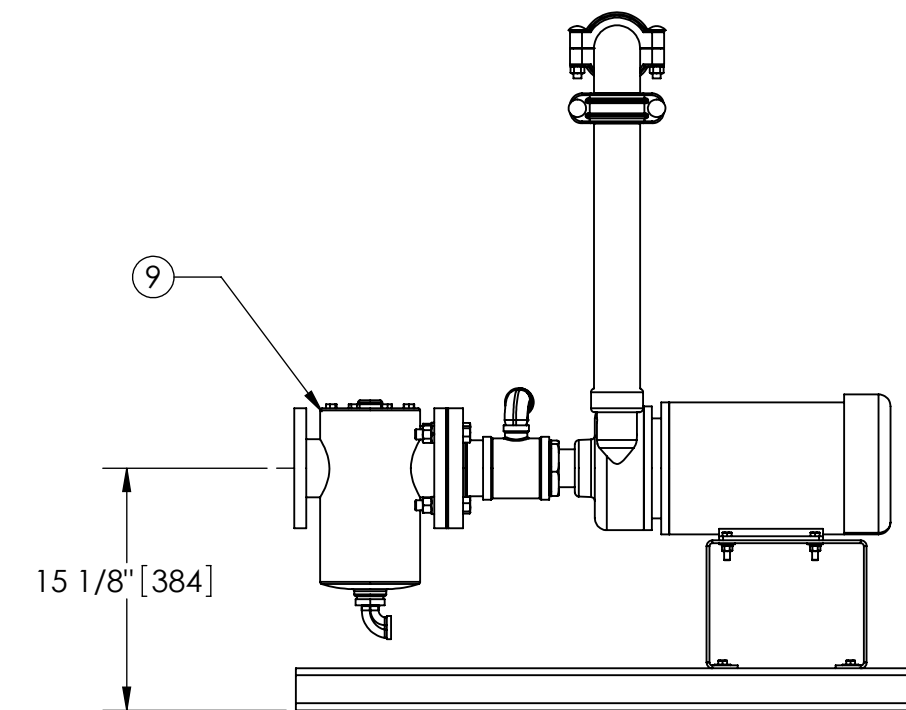
TOP VIEW



SIDE VIEW W/O SRV



FRONT VIEW W/O STRAINER/SRV



FRONT VIEW PUMP/STRAINER

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: INCHES [mm] TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± 1/2" .XX ± .01 ± 1/4"		ENGINEERED FOR: STANDARD		CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM		LAVAL UNDERGROUND SURVEYS	
DO NOT SCALE DRAWING		APPROVALS	DATE	TITLE			
MATERIAL SEE PARTS LIST		DRAWN	ADJ	2/22/05		TPX-0145-SRV, TCX SYSTEM, SWEEPER HTX-0085, 460V 60HZ PLUS	
FINISH AS ASSEMBLED		ENGR	-	-		SIZE	MODEL NO.
		MFG	-	-		DWG NO.	123373
		WORK ORDER	-	-		SCALE	1:12
						EST. WT.	757 lbs
						SHEET	1 OF 1

DWG NO. 123373
SH 1
REV -