

EXCEPT AS OTHERWISE PROVIDED BY CONTRACT, THIS DRAWING AND SPECIFICATIONS SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR MANUFACTURE OR SALE OF MATTER DEPICTED HEREIN WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE CLAUDE LAVAL CORPORATION, OR ITS ASSIGNEES.

**NOTES:**

1. INLET IS 6" PIPE (125# ANSI FLANGED).
2. OUTLET IS 4" PIPE (GROOVED).
3. PURGE OUTLET IS 1-1/2" PIPE.
4. MAXIMUM PRESSURE: 150 psi (10.3 bar).
5. MAXIMUM TEMPERATURE: 100°F (37.8°C).
6. SPECIFIED FLOWRATE OF 400 gpm (91 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: 1285 lbs (583 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCY-0400-PLUS RECOMMENDED.
12. MINIMUM PIPE FROM TOWER BASIN TO TP SYSTEM IS 6" PIPE.
13. FLOODED SUCTION REQUIRED.
14. MAXIMUM BASIN SIZE 350 sq ft.

**COMPONENT LIST:**

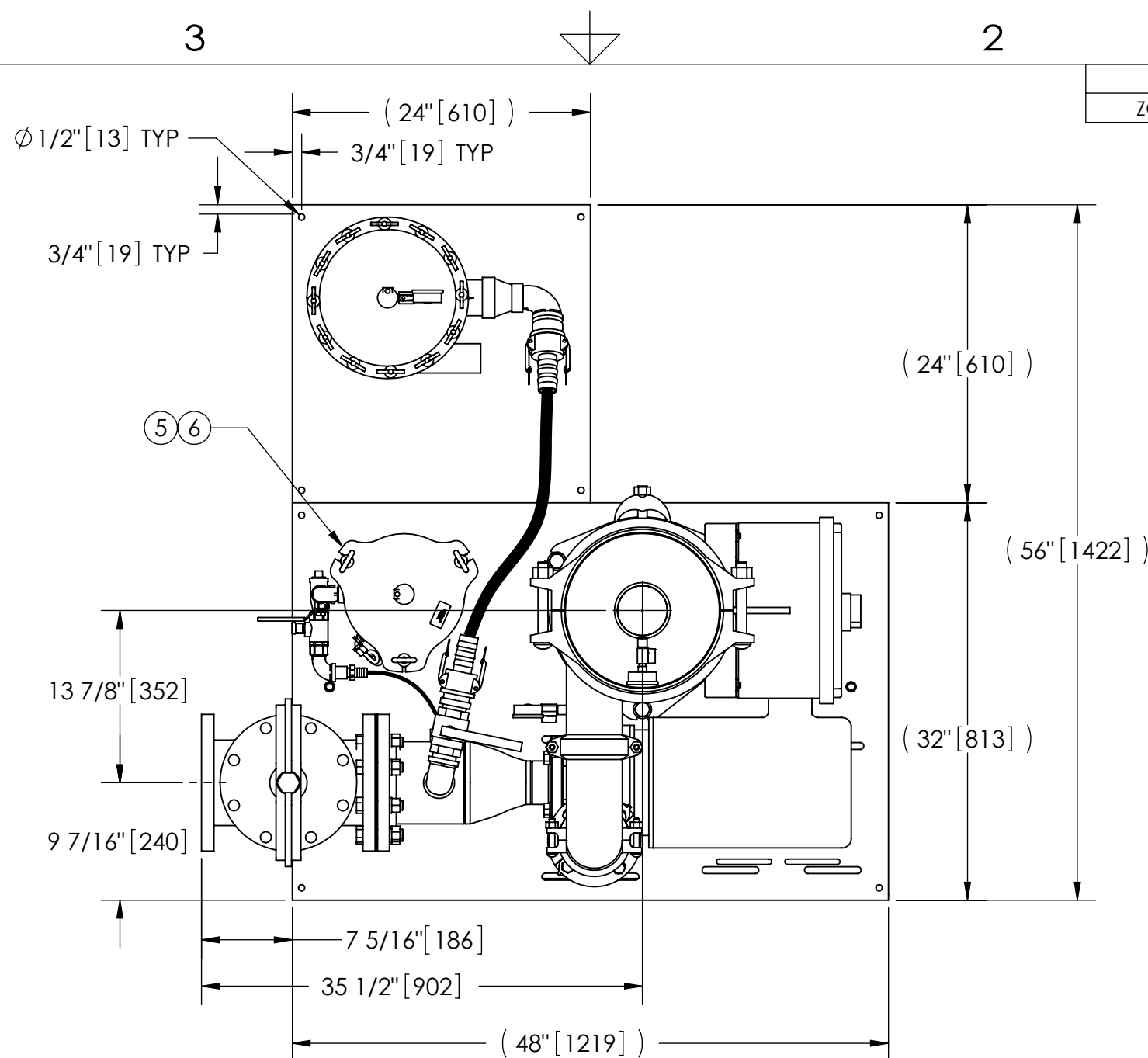
- ① ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- ② SEPARATOR: HTX-0285-TC.
- ③ PUMP: 15 HP CENTRIFUGAL, 3500 rpm, 460V, 60Hz.
- ④ INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
- ⑤ PURGE EQUIPMENT: SRV-816.
- ⑥ DIFFERENTIAL PRESSURE INDICATOR: (AVAILABLE WITH DRY CONTACT-MODEL DHE-15-S. ORDER SEPARATELY).
- ⑦ HOSE ATTACHED IN FIELD WITH QUICK DISCONNECT COUPLINGS.
- ⑧ FILTER VESSEL, 2" HRF-930-MP-2-BL, 304SS
- ⑨ BASKET STRAINER.

REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED

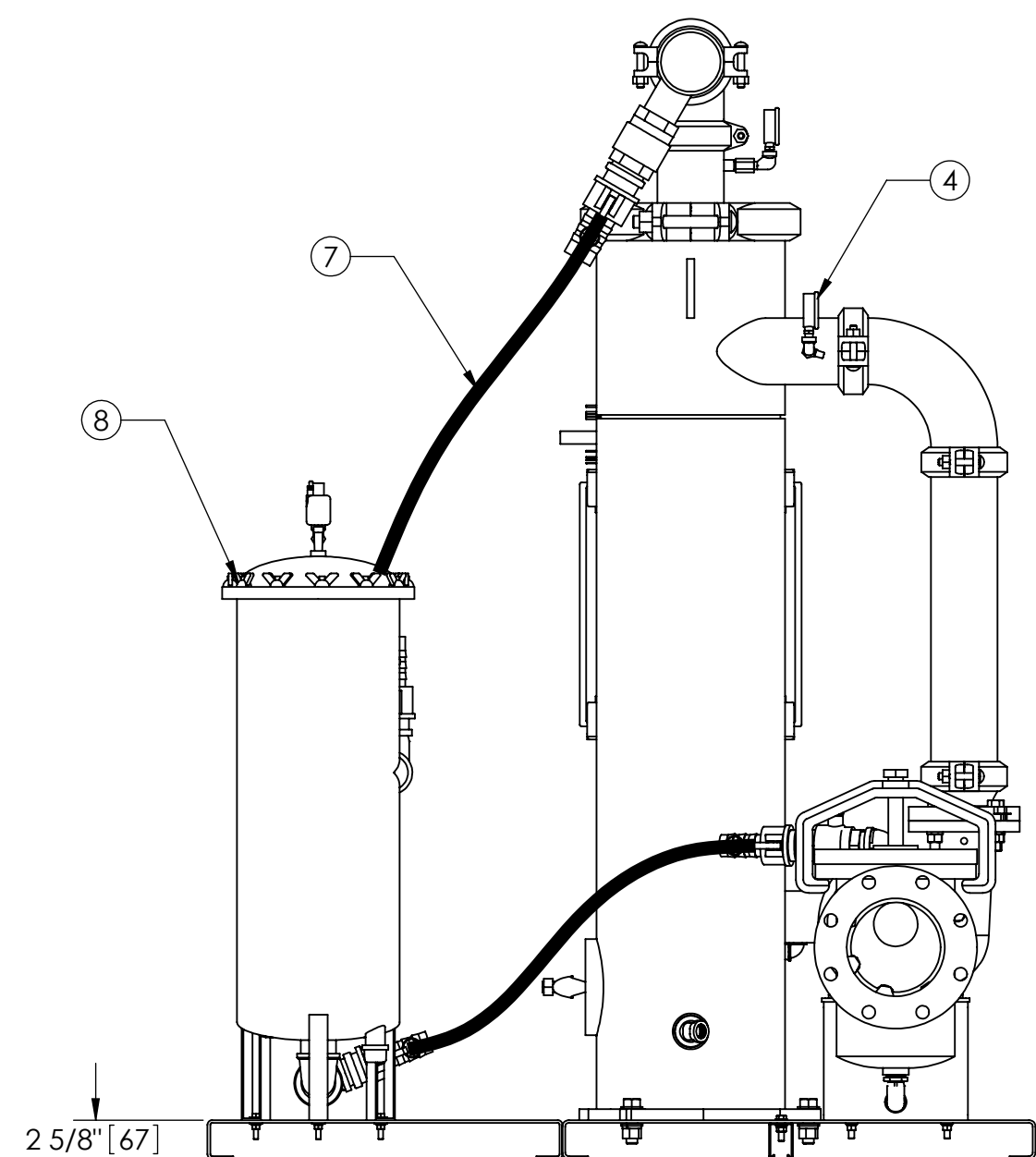
THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY AN APPROVED ENGINEERING CHANGE ORDER (ECO). PAPER COPIES ARE UNCONTROLLED.

## SUBMITTAL DRAWING

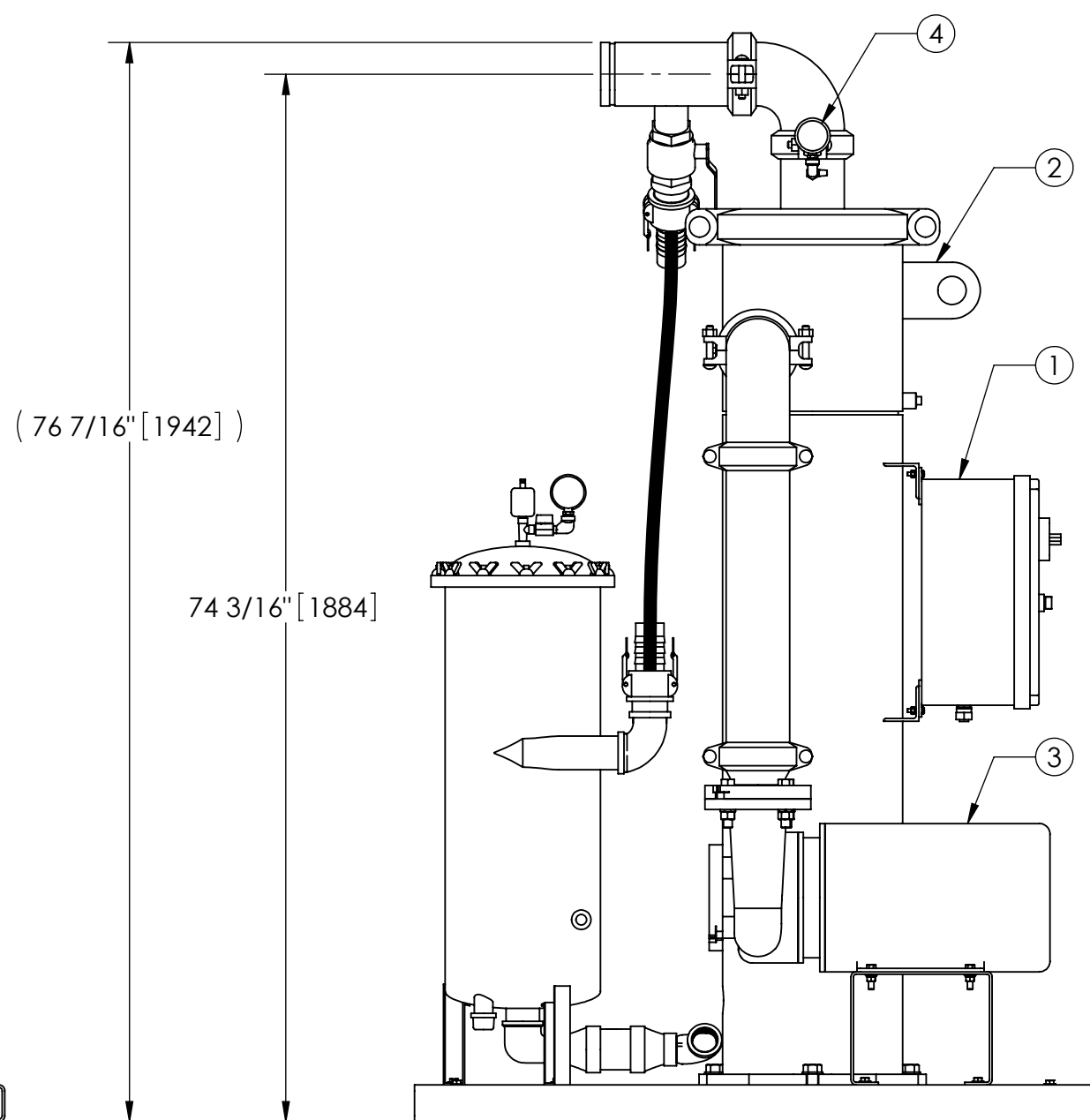
This drawing is submitted for spatial consideration only. Do not pre-plumb to these dimensions.



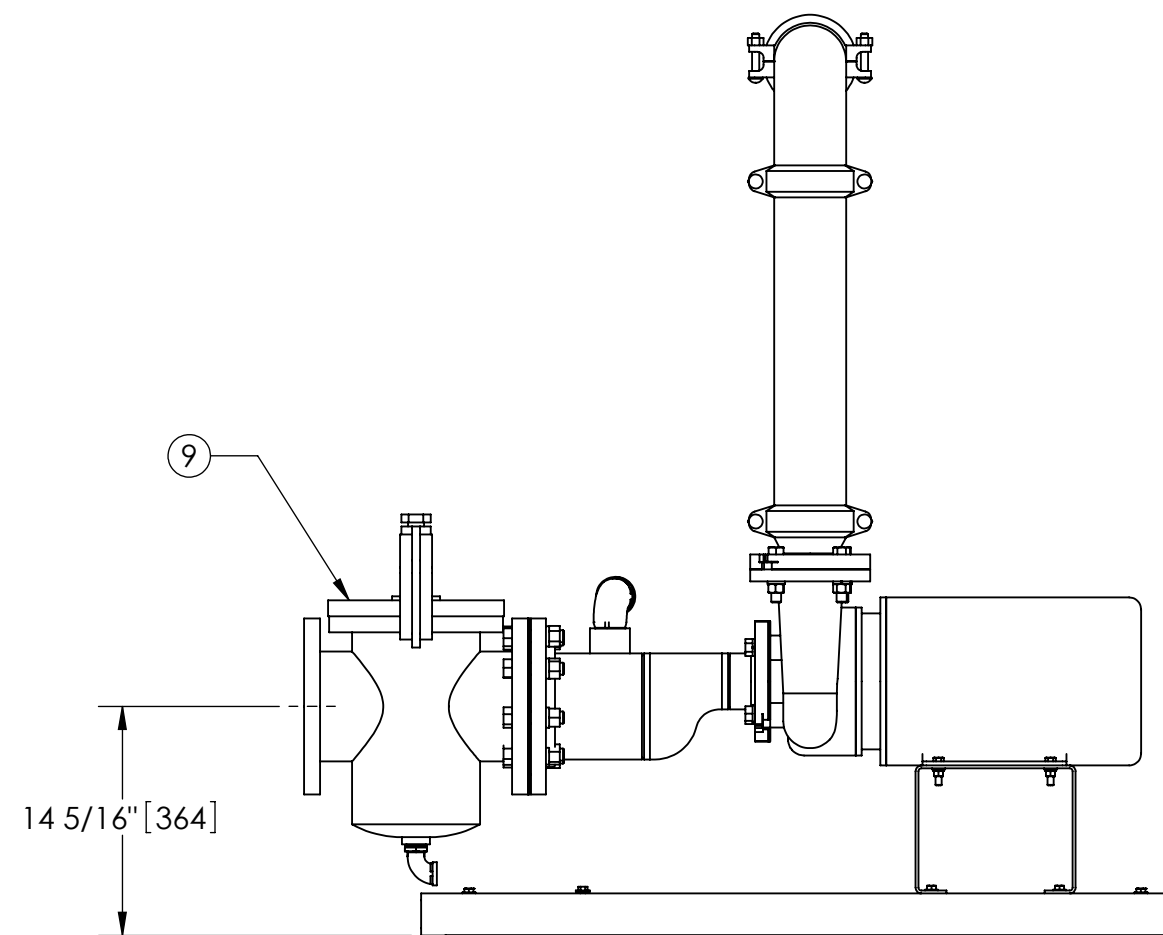
**TOP VIEW**



**SIDE VIEW W/O SRV**



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



**FRONT VIEW PUMP/STRAINER/SPOOL**

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: INCHES (mm) TOLERANCES ARE: FRACTIONS .XX ± .01 ANGLES ± 1/4° DECIMALS .XXX ± .005 ASSEMBLY .XXX ± .0005		ENGINEERED FOR: <b>STANDARD</b>		CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM	
DO NOT SCALE DRAWING		APPROVALS	DATE	TITLE	
MATERIAL	PER LAKOS SPEC	DRAWN	HSK	2/15/05	TPX-0400-SRV, TCX SYSTEM HRF-930 VESSEL, SWEEPER HTX-0285, 460V 60HZ PLUS
FINISH	AS ASSEMBLED	ENGR	HK	12/15/05	
		MFG	-	-	SIZE
		WORK ORDER			MODEL NO.
					DWG NO.
					<b>123376</b>
					REV.
					<b>01</b>
		SCALE	1:12	EST. WT.	1285 lb
				SHEET	1 OF 1

DWG. NO. 123376 SHEET 1 REV. 01