

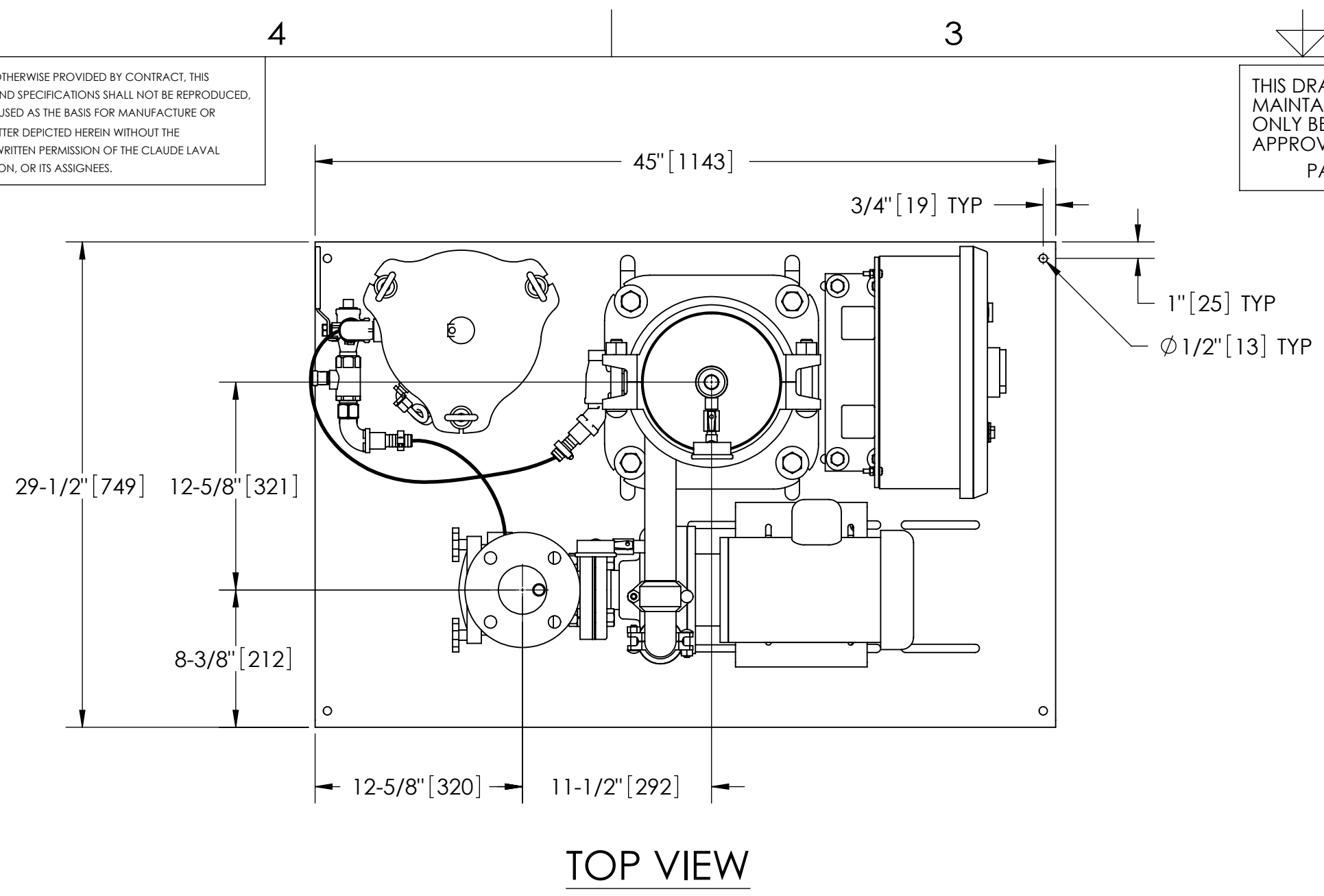
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REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED

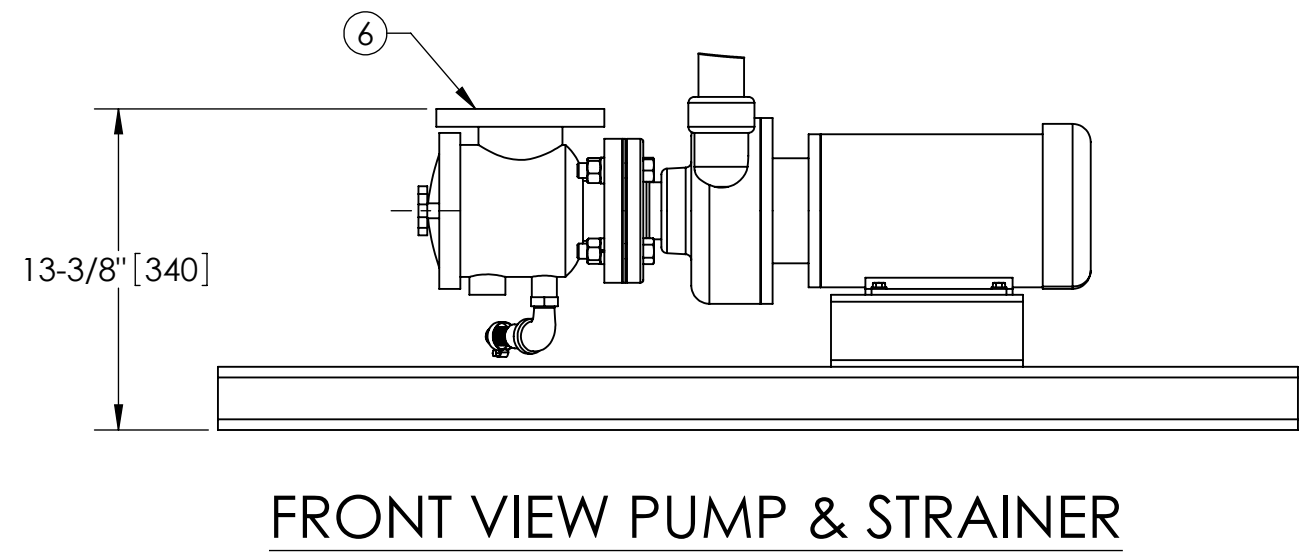
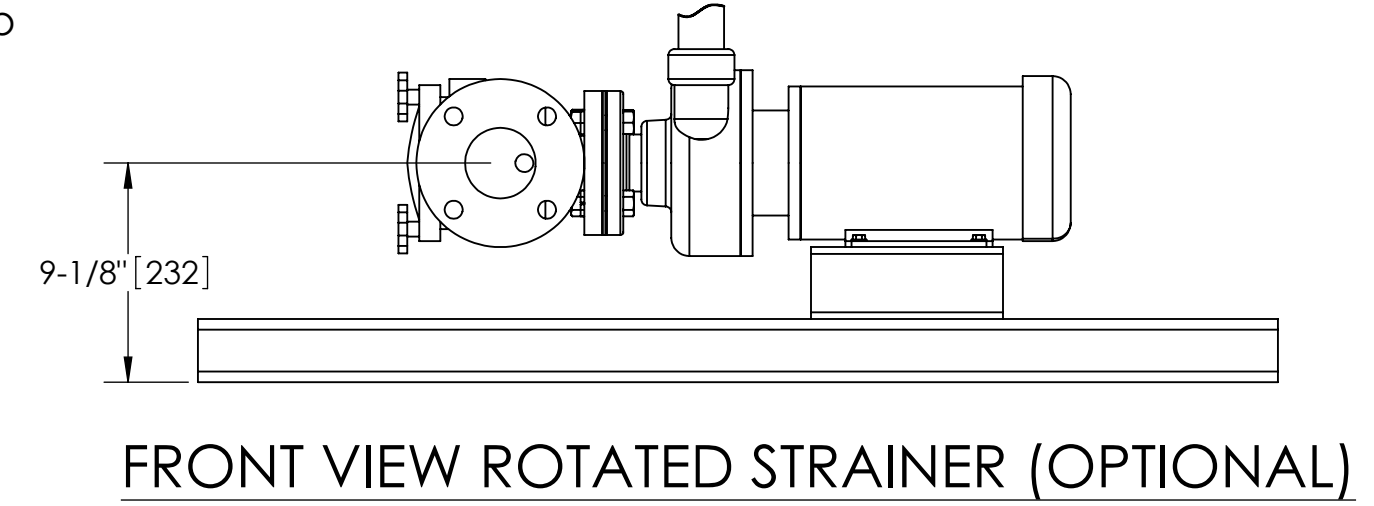
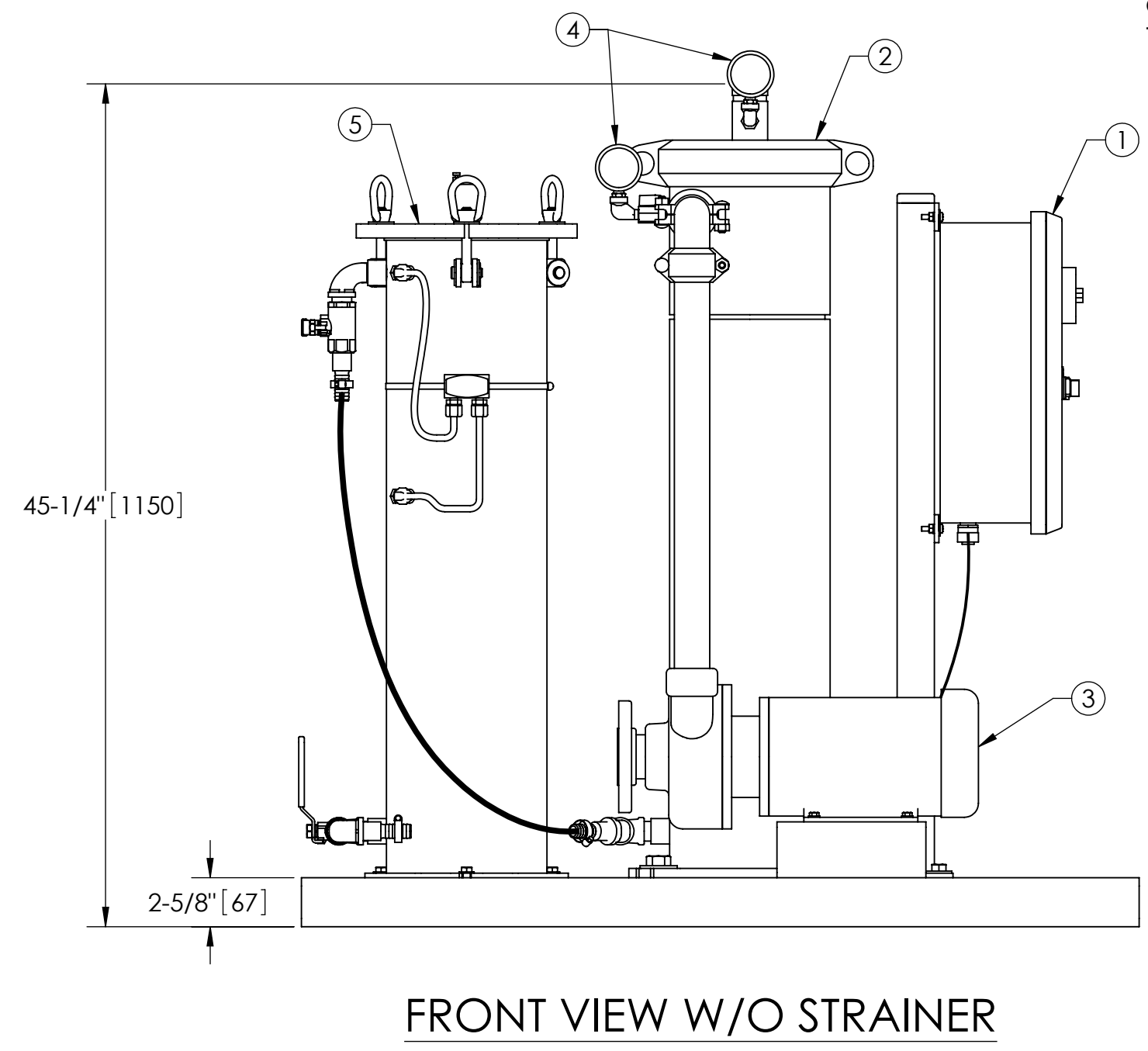
- NOTES:**
- INLET IS 2-1/2" PIPE (125# ANSI FLANGED).
  - OUTLET IS 1-1/2" PIPE (GROOVED).
  - PURGE OUTLET IS 3/4" PIPE.
  - MAXIMUM PRESSURE: 150 psi (10.3 bar).
  - MAX FLUID OPERATING TEMPERATURE: 100°F (37.8°C).
  - SPECIFIED FLOW RATES:  
 BASIN SWEEPING- 80 gpm (18 m³/hr).  
 SIDE STREAM & CLOSED LOOP- 95 gpm (22 m³/hr).
  - FINISH: AS ASSEMBLED.
  - POWER REQUIREMENT: 208V/230V/460V, 3PH, 60Hz. (CUSTOMER SPECIFIED)
  - NEMA 4X MOTOR STARTER ENCLOSURE WITH
  - SAFETY DISCONNECT AND H.O.A. SWITCH.
  - APPROXIMATE DRY WEIGHT: 613 lbs (279 kg).
  - INLET/OUTLET VALVE KIT RECOMMENDED: SEE FACTORY.
  - MINIMUM PIPE FROM TOWER BASIN TO TC SYSTEM IS 2-1/2" PIPE.
  - FLOODED SUCTION REQUIRED.

- COMPONENT LIST:**
- ELECTRICAL CONTROL BOX 208V/230V/460V 60Hz W/120V TRANSFORMER.
  - SEPARATOR: eHTX-0040-TC.
  - PUMP: 2 HP CENTRIFUGAL, 3600 rpm, 208V/230V/460V, 60Hz.
  - INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
  - PURGE EQUIPMENT: SRV-833.
  - STRAINER, SUCTION DIFFUSER.



**SUBMITTAL DRAWING**

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



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>LAKOS</b> CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM		LAVAL UNDERGROUND SURVEYS		
	STANDARD					APPROVALS	DATE
	DO NOT SCALE DRAWING	DRAWN				ADJ/CAG	11/12/12
	MATERIAL	ENGR				-	-
FINISH	MFG	-	-	TITLE	eTCX-0080-SRV, TC SYSTEM		
AS ASSEMBLED	WORK ORDER	-	-	HI EFFICIENCY eHTX-0040, 3/60/208, 230, 460V			
				SCALE	C 1:8		
				MODEL NO.			
				DWG NO.	135302		
				REV.	A		
				EST. WT.	613 lb		
				SHEET	1 OF 1		

DWG. NO. 135302  
 SHEET A  
 REV. A