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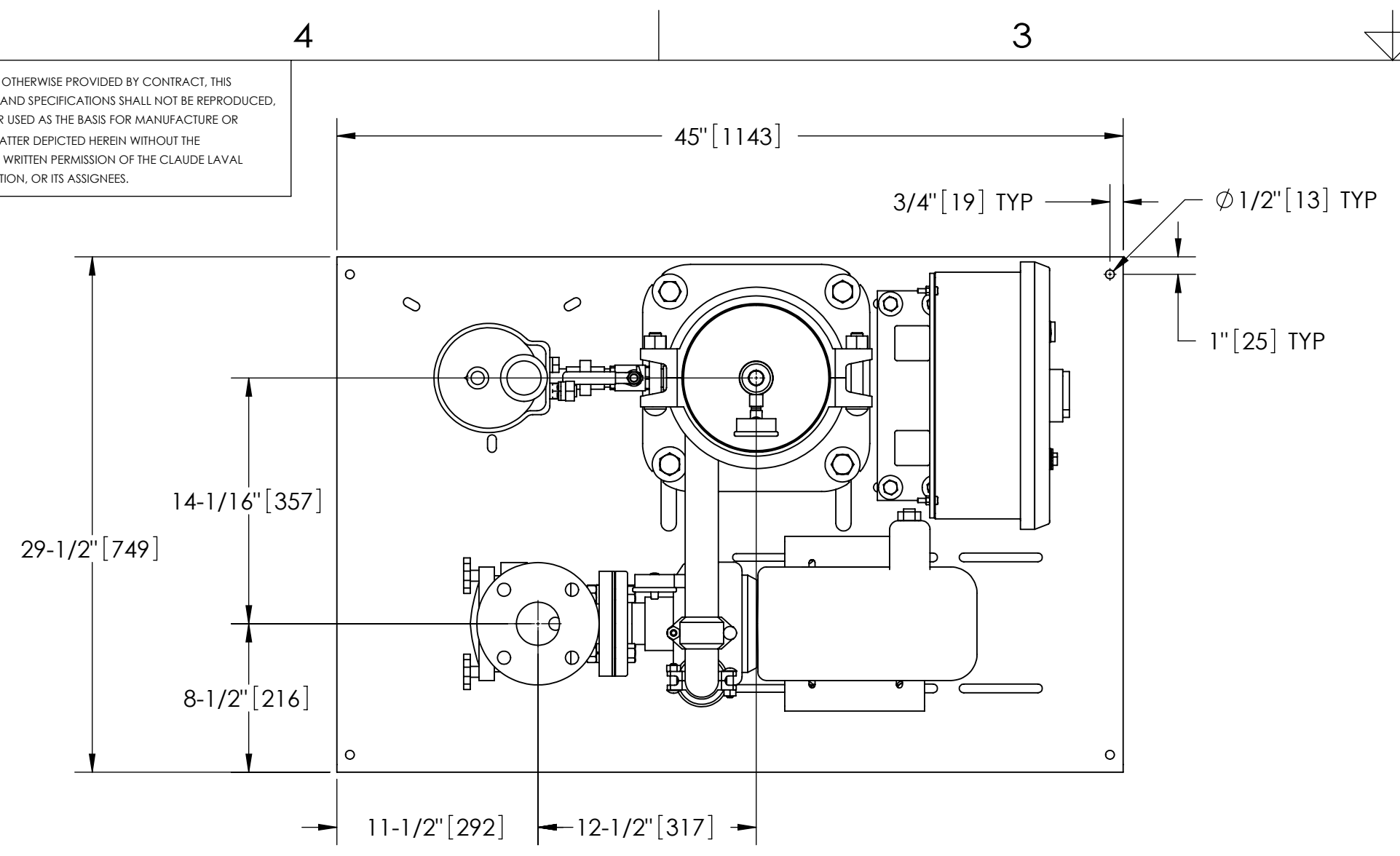
REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED

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).
- MAXIMUM 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: 492 lbs (223 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:

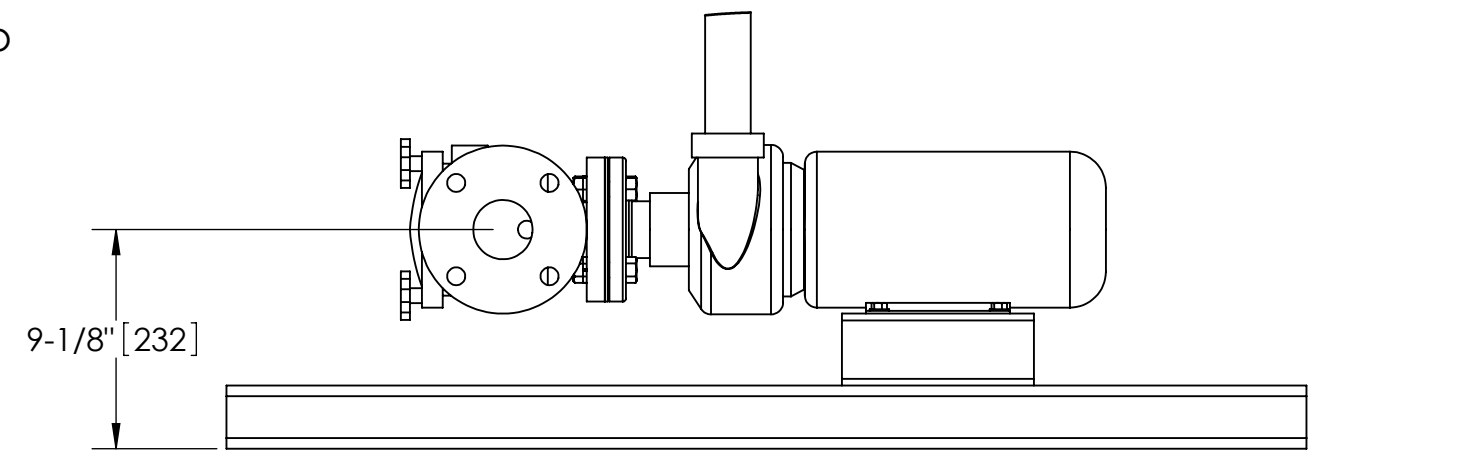
- ELECTRICAL CONTROL BOX 208V/230V/460V, 60Hz W/120V TRANSFORMER.
- SEPARATOR: eHTX-0040-V.
- PUMP: 2 HP CENTRIFUGAL, 3600 rpm, 208V/230V/460V, 60Hz.
- INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
- PURGE EQUIPMENT: EFS-07-120V.
- STRAINER, SUCTION DIFFUSER.



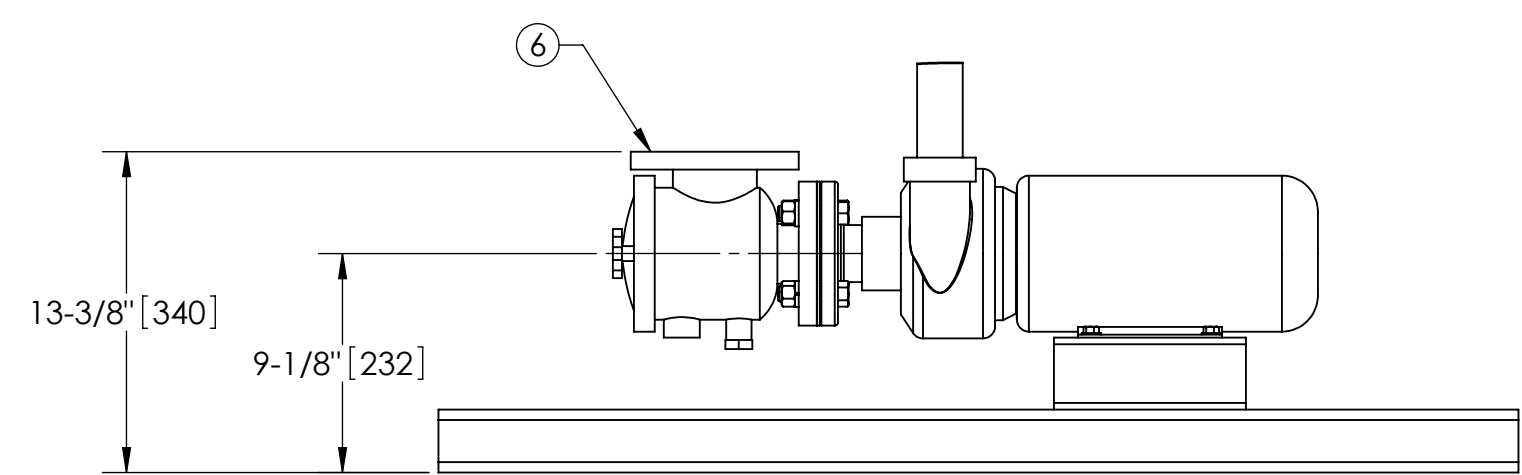
TOP VIEW

SUBMITTAL DRAWING

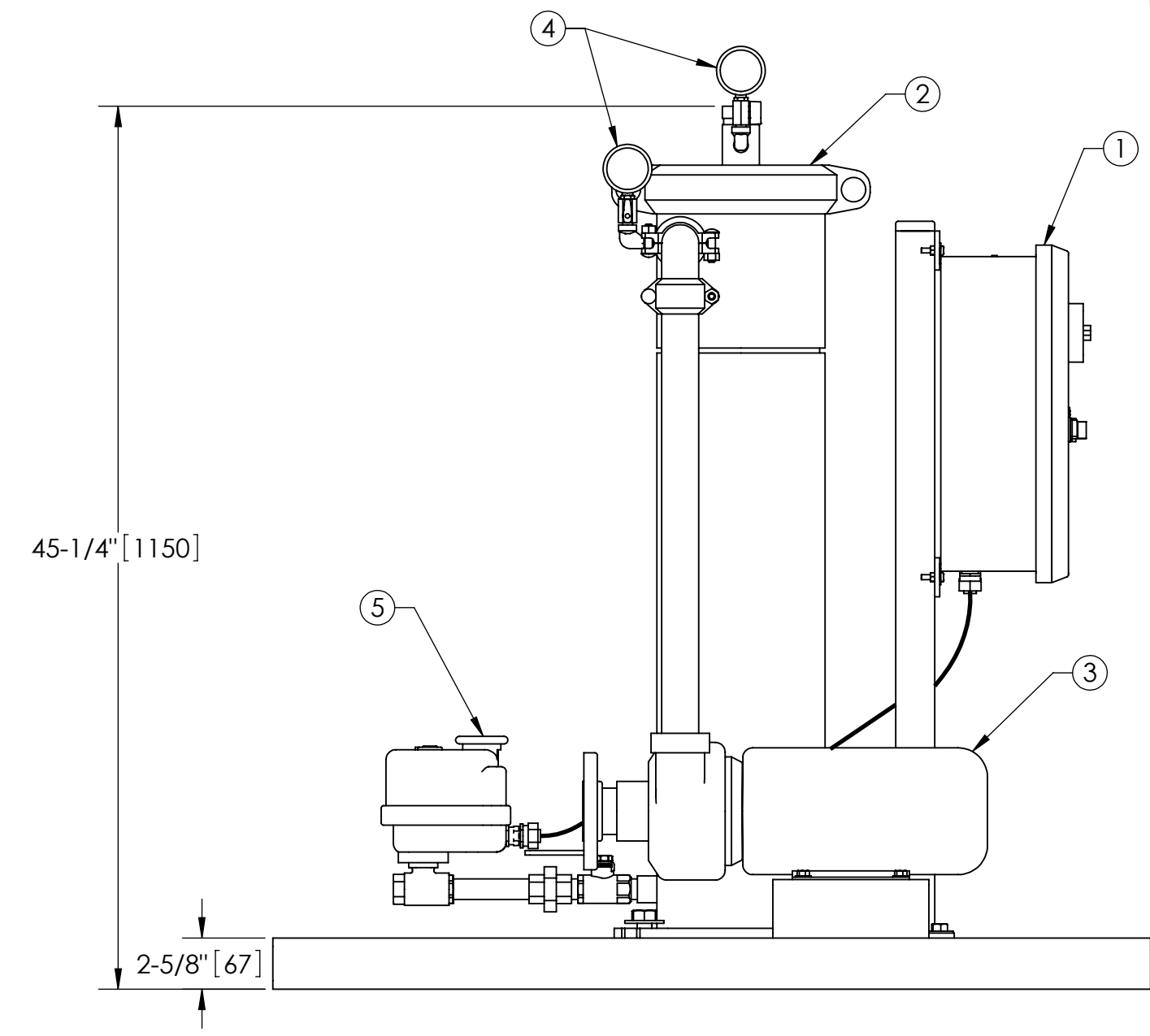
This drawing is submitted for spatial consideration only. Do not pre-plumb to these dimensions.



FRONT VIEW ROTATED STRAINER (STRAINER)



FRONT VIEW PUMP & STRAINER



FRONT VIEW W/O STRAINER

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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 TRR	12/7/12	eTCX-0080-EFS, TC SYSTEM			
FINISH AS ASSEMBLED		ENGR -	-	HI EFFICIENCY eHTX-0040, 3/60/208, 230, 460V			
SCALE 1:8		MFG -	-	SIZE C	MODEL NO.	DWG NO. 135305	REV. 01
		WORK ORDER	QTY.	EST. WT. 492 lb	SHEET 1 OF 1		

DWG. NO. 135305 SHEET REV. 01