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REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED

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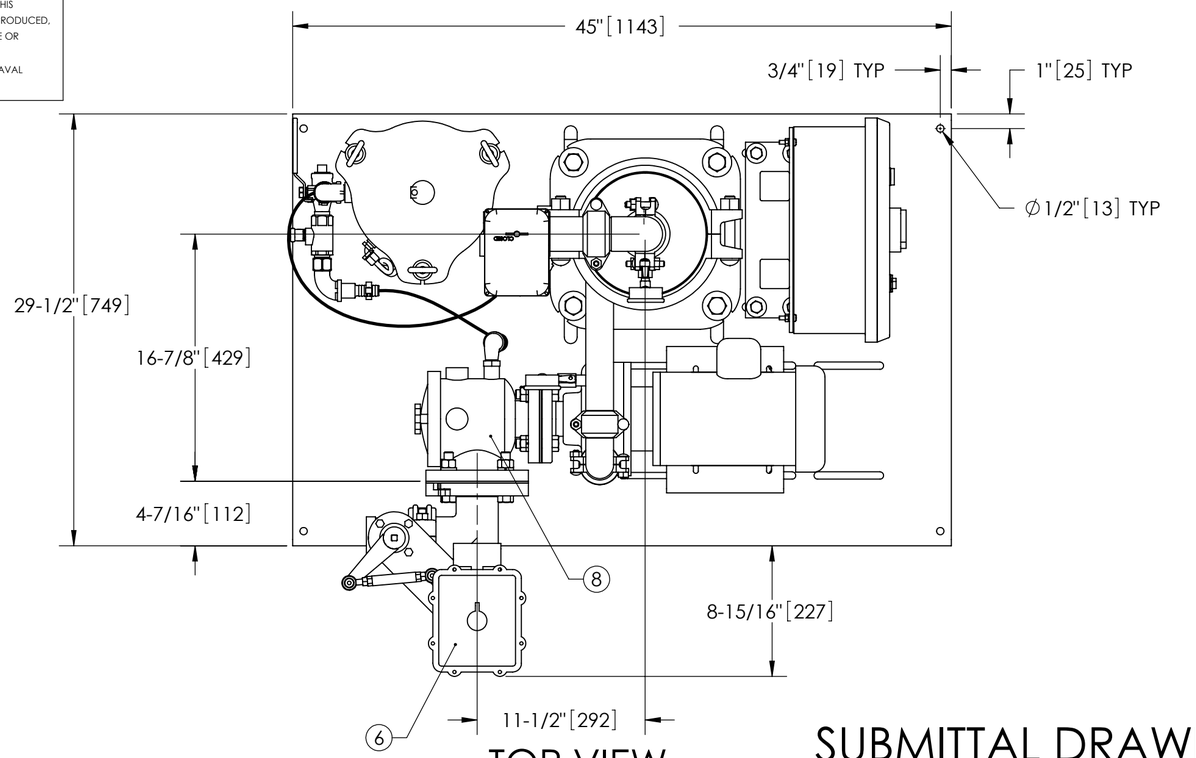


TOP VIEW

SUBMITTAL DRAWING

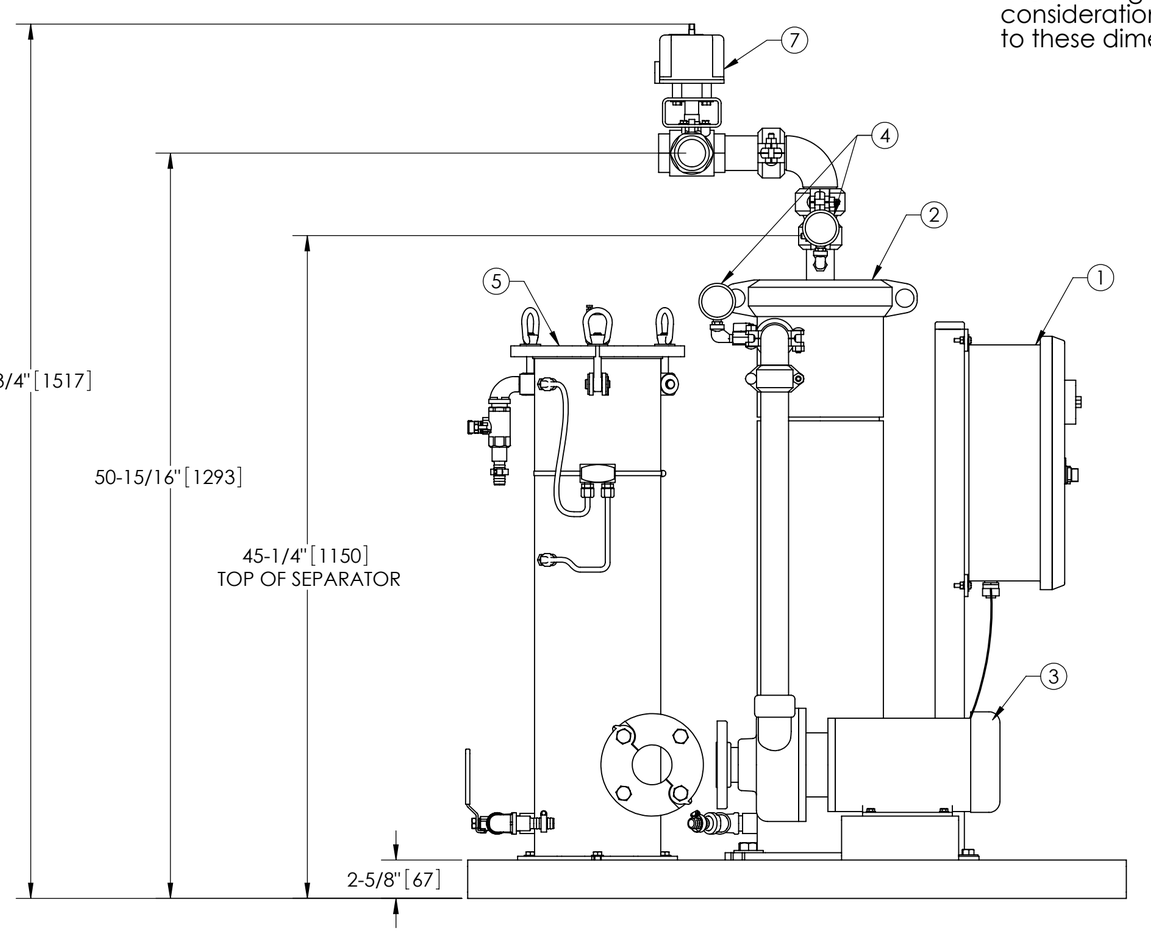
This drawing is submitted for spatial consideration only. Do not pre-plumb to these dimensions.

NOTES:

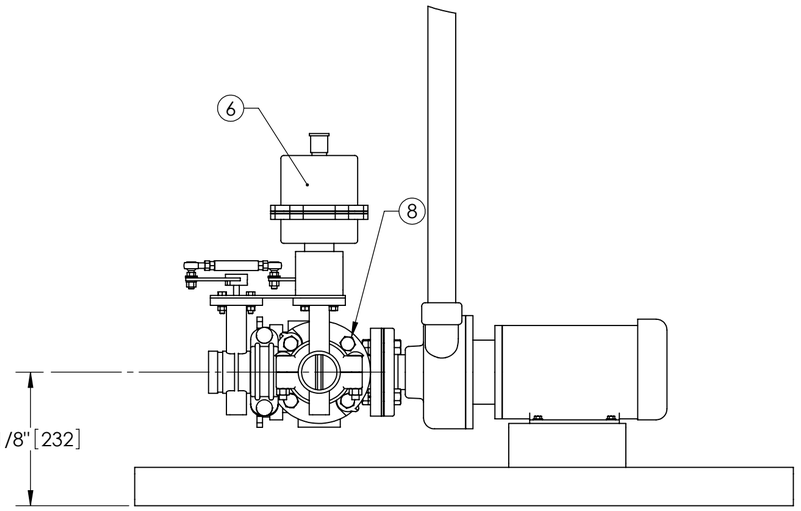
1. INLET IS 2-1/2" PIPE (125# ANSI FLANGED).
2. OUTLET IS 1-1/2" PIPE (GROOVED).
3. PURGE OUTLET IS 3/4" PIPE.
4. MAXIMUM PRESSURE: 150 psi (10.3 bar).
5. MAX FLUID OPERATING TEMPERATURE: 100°F (37.8°C).
6. SPECIFIED FLOW RATES:
   BASIN SWEEPING- 80 gpm (18 m³/hr).
   SIDE STREAM & CLOSED LOOP- 95 gpm (22 m³/hr).
7. FINISH: AS ASSEMBLED.
8. POWER REQUIREMENT: 208V/230V/460V, 3PH, 60Hz. (CUSTOMER SPECIFIED)
9. NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
10. APPROXIMATE DRY WEIGHT: 707 lbs (321 kg).
11. INLET/OUTLET VALVE KIT RECOMMENDED. SEE FACTORY.
12. MINIMUM PIPE FROM TOWER BASIN TO TC SYSTEM IS 2-1/2" PIPE.
13. FLOODED SUCTION REQUIRED.

COMPONENT LIST:

① ELECTRICAL CONTROL BOX: 3/60/208, 230, 460V, W/120V TRANSFORMER.
② SEPARATOR: eHTX-0040-V.
③ PUMP: 2 HP CENTRIFUGAL, 3600 rpm, 208V/230V/460V, 60Hz.
④ INLET/OUTLET PRESSURE GAUGES: 0-160 psi, GLYCERIN-FILLED.
⑤ PURGE EQUIPMENT: SRV-833.
⑥ INLET SWITCHING VALVE ASM.
⑦ OUTLET SWITCHING VALVE ASM.
⑧ STRAINER, SUCTION DIFFUSER.



FRONT VIEW W/O STRAINER



FRONT VIEW PUMP & STRAINER

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: INCHES [mm] TOLERANCES ARE: FRACTIONS ± 1/2" DECIMALS .XX ± .01 .XXX ± .005 .XXXX ± .0005 ANGLES ± 1/4°	ENGINEERED FOR: STANDARD	CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM	LAVAL UNDERGROUND SURVEYS
DO NOT SCALE DRAWING	APPROVALS / DRAWN ADJ/CAG / DATE 11/12/12	TITLE: eTCX-0080-SRV/2TWR, TC SYSTEM HI EFFICIENCY eHTX-0040, 3/60/208, 230, 460V	
MATERIAL: PER LAKOS SPEC	ENGR - / -		
FINISH: AS ASSEMBLED	MFG - / -	SIZE C · MODEL NO. · DWG NO. 135310 · REV. A	
	WORK ORDER / QTY.	SCALE 1:8 · EST. WT. 707 lb · SHEET 1 OF 1	

DWG NO. 135310 SH REV. A