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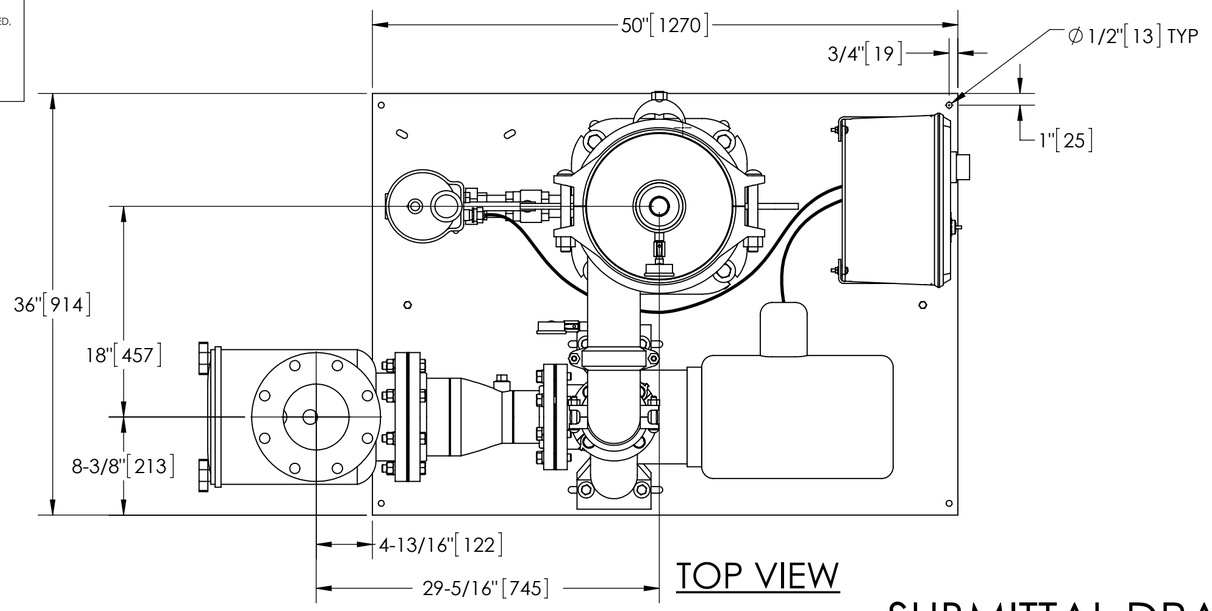
REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED



TOP VIEW

SUBMITTAL DRAWING

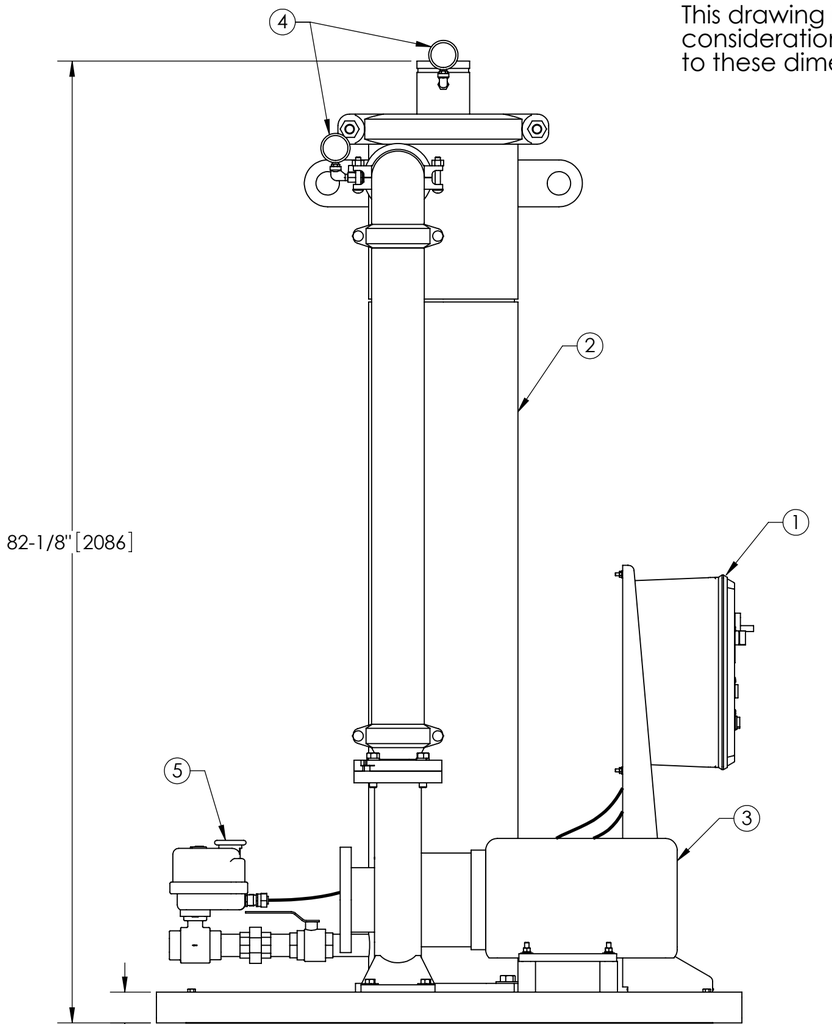
This drawing is submitted for spatial consideration only. Do not pre-plumb to these dimensions.

NOTES:

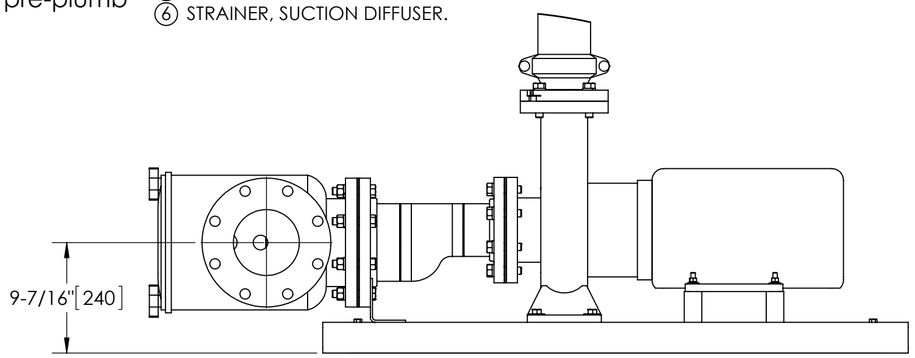
1. INLET IS 6" PIPE (125# ANSI FLANGED).
2. OUTLET IS 4" PIPE (GROOVED).
3. PURGE OUTLET IS 1-1/2" PIPE.
4. MAXIMUM PRESSURE: 150 psi (10.3 bar).
5. MAX FLUID OPERATING TEMPERATURE: 100ºF (37.8ºC).
6. SPECIFIED FLOW RATES:
   BASIN SWEEPING- 410 gpm (93 m³/hr).
   SIDE STREAM & CLOSED LOOP- 500 gpm (114 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: 1618 lbs (734 kg).
11. INLET/OUTLET VALVE KIT RECOMMENDED: SEE FACTORY.
12. MINIMUM PIPE FROM TOWER BASIN TO TC SYSTEM IS 6" PIPE.
13. FLOODED SUCTION REQUIRED.

COMPONENT LIST:

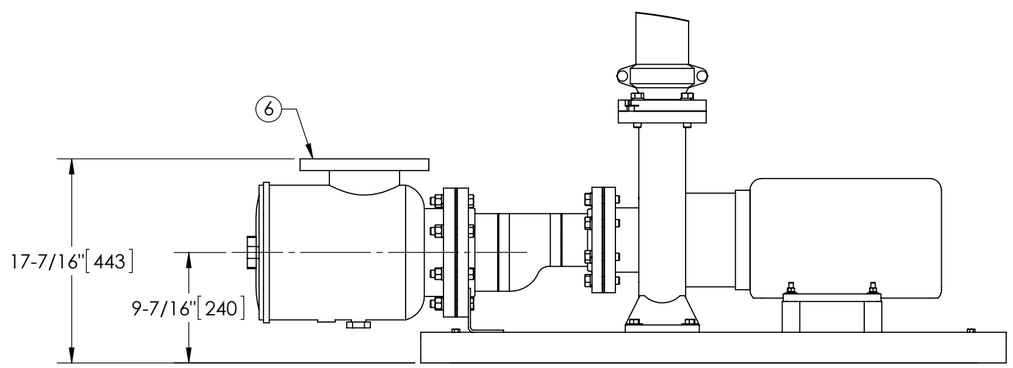
① ELECTRICAL CONTROL BOX 208V/230V/460V, 60Hz W/120V TRANSFORMER.
② SEPARATOR: eHTX-0185-V.
③ PUMP: 10 HP CENTRIFUGAL, 1800 rpm, 208V/230V/460V, 60Hz.
④ INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
⑤ PURGE EQUIPMENT: EFS-15-120V.
⑥ STRAINER, SUCTION DIFFUSER.



FRONT VIEW W/O STRAINER



FRONT VIEW ROTATED STRAINER (OPTIONAL)



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° DO NOT SCALE DRAWING	ENGINEERED FOR: STANDARD	CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM	
MATERIAL: PER LAKOS SPEC	APPROVALS / DATE	TITLE: eTCX-0410-EFS, TC SYSTEM HI EFFICIENCY eHTX-0185, 3/60/208, 230, 460V	
FINISH: AS ASSEMBLED	DRAWN: TRR 12/10/12	SIZE: C	MODEL NO.:
	ENGR: - -	DWG NO.: 135309	REV.: D
	MFG: - -	SCALE: 1:10	EST. WT.: 1618 lb
	WORK ORDER: QTY.	SHEET: 1 OF 1	

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).
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DWG NO. 135309 SH REV. D