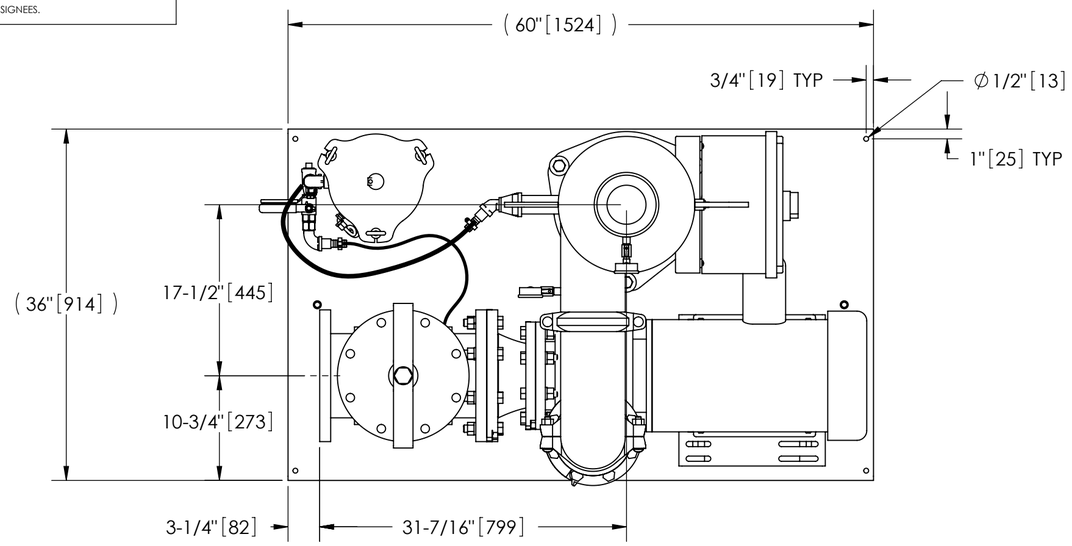
EXCEPT AS OTHERWISE PROVIDED BY CONTRACT, THIS DRAWING AND SPECIFICATIONS SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR MANUFACTURE OR SALE OF MATTER DEPICTED HEREIN WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE CLAUDE LAVAL CORPORATION, OR ITS ASSIGNEES.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	A	MFG UPDATE	6/9/2006	RGM
-	B	INLET/OUTLET HEIGHTS CHANGED	8/27/2007	DLW

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.



TOP VIEW

SUBMITTAL DRAWING

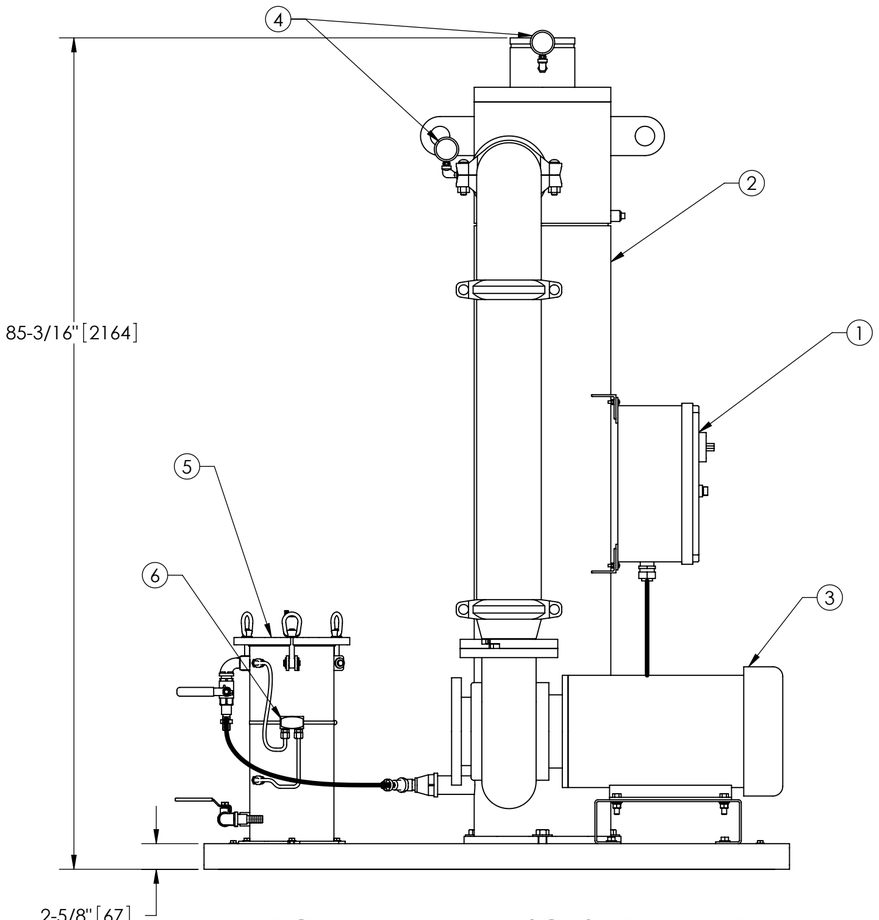
This drawing is submitted for spatial consideration only. Do not pre-plumb to these dimensions.

NOTES:

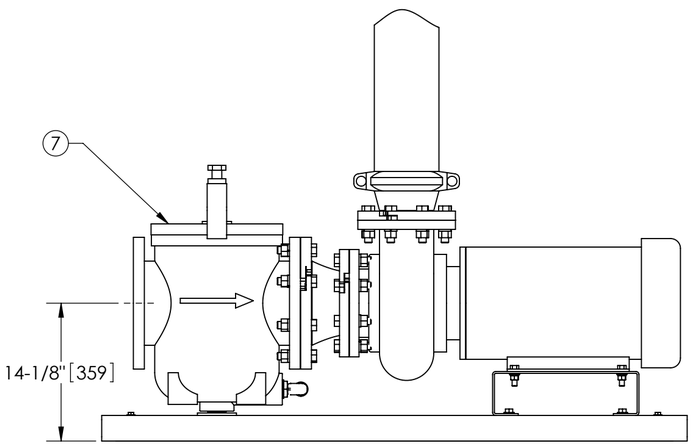
1. INLET IS 8" PIPE (125# ANSI FLANGED).
2. OUTLET IS 6" PIPE (GROOVED).
3. PURGE OUTLET IS 1-1/2" PIPE.
4. MAXIMUM PRESSURE: 150 psi (10.3 bar).
5. MAXIMUM TEMPERATURE: 100°F (37.8°C).
6. SPECIFIED FLOWRATE OF 825 gpm (187 m^3/hr).
7. FINISH: AS ASSEMBLED.
8. POWER REQUIREMENT: 460V, 3PH, 60Hz.
9. NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
10. APPROXIMATE DRY WEIGHT: 1727 lbs (785 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCV-0825 RECOMMENDED.
12. MINIMUM PIPE FROM TOWER BASIN TO TC SYSTEM IS 8" PIPE.
13. FLOODED SUCTION REQUIRED.

COMPONENT LIST:

1. ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
2. SEPARATOR: HTH-0450-TC.
3. PUMP: 30 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 DRY CONTACT- MODEL DHE-15-S. ORDER SEPARATELY).
7. BASKET STRAINER.



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	LAKOS CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM	LAVAL UNDERGROUND SURVEYS
DO NOT SCALE DRAWING	APPROVALS / DATE	TITLE: TCI-0825-SRV, TC SYSTEM, SWEEPER HTH-0450, 460V 60HZ STD	
MATERIAL: PER LAKOS SPEC	DRAWN: SGF/DLW 4/29/05		
FINISH: AS ASSEMBLED	ENGR: DLW 8/27/07	SIZE: C	MODEL NO.
	MFG: - -	DWG NO.: 115423	REV.: B
	WORK ORDER / QTY.	SCALE: 1:12	EST. WT.: 1727 lb SHEET: 1 OF 1

DWG NO. 115423 SH REV. B