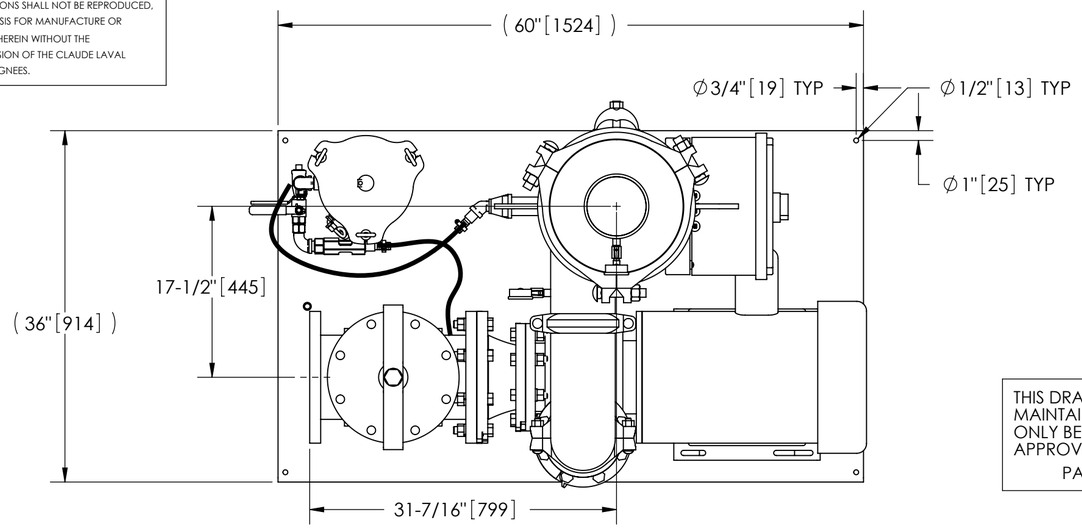
EXCEPT AS OTHERWISE PROVIDED BY CONTRACT, THIS DRAWING AND SPECIFICATIONS SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR MANUFACTURE OR SALE OF MATTER DEPICTED HEREIN WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE CLAUDE LAVAL CORPORATION, OR ITS ASSIGNEES.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	A-E	MFG UPDATE	2/27/2007	ADJ
-	F	LOWERED INLET/OUTLET	8/27/2007	DLW



TOP VIEW

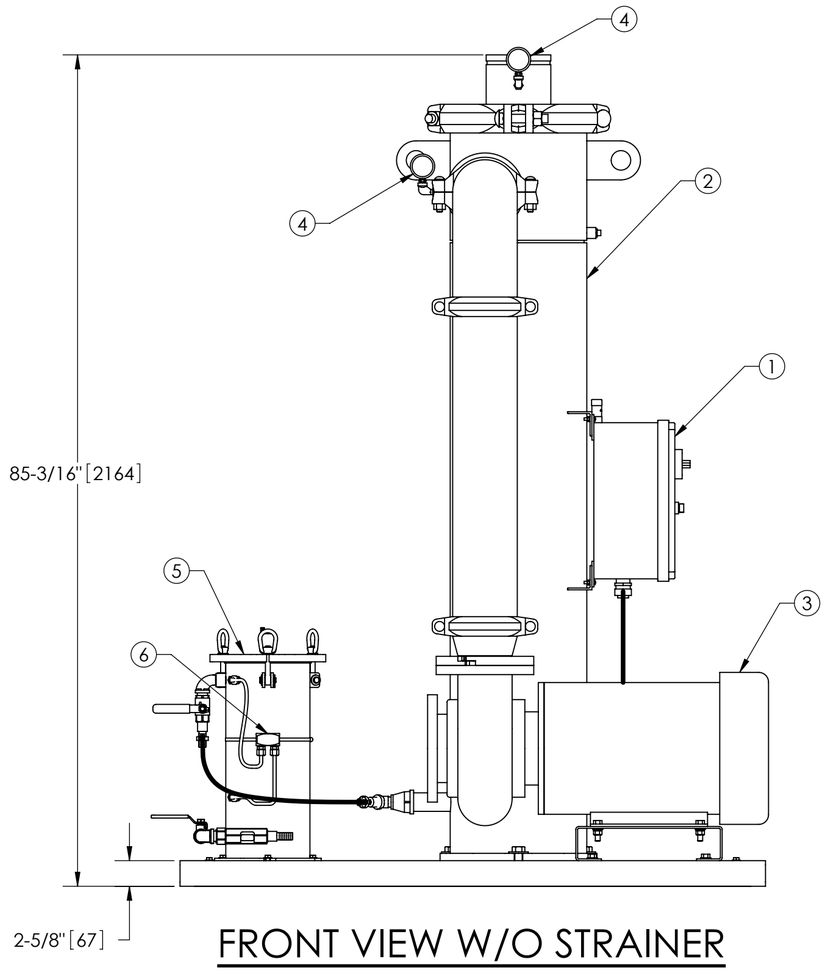
THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY AN APPROVED ENGINEERING CHANGE ORDER (ECO).
PAPER COPIES ARE UNCONTROLLED.

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 1100 gpm (250 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: 1839lbs (836 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCV-1100 RECOMMENDED.
12. MINIMUM PIPE FROM TOWER BASIN TO TC SYSTEM IS 10" PIPE.
13. FLOODED SUCTION REQUIRED.

COMPONENT LIST:

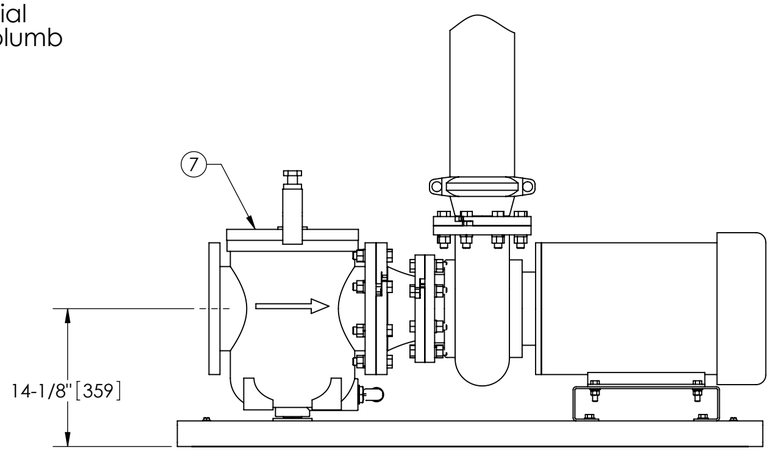
1. ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
2. SEPARATOR: HTX-0500-TC.
3. PUMP: 40 HP CENTRIFUGAL, 3500 rpm, 460V, 60Hz.
4. INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
5. PURGE EQUIPMENT: SRV-816.
6. DIFFERENTIAL PRESSURE INDICATOR: (AVAILABLE WITH DRY DRY CONTACT- MODEL DHE-15-S. ORDER SEPARATELY).
7. BASKET STRAINER.



FRONT VIEW W/O STRAINER

SUBMITTAL DRAWING

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



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	LAKOS CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM — LAVAL UNDERGROUND SURVEYS	
MATERIAL: PER LAKOS SPEC	APPROVALS / DATE	TITLE: TCX-1100-SRV, TC SYSTEM, SWEEPER HTX-0500, 460V 60HZ DELUXE	
FINISH: AS ASSEMBLED	DRAWN: SDF/HSK — 5/23/05	SIZE: C	MODEL NO.
	ENGR: DLW — 8/27/07	DWG NO.: 115433	REV.: F
	MFG: - — -	SCALE: 1:12	EST. WT.: 1839 lb
	WORK ORDER — QTY.	SHEET: 1 OF 1	

DWG NO. 115433 SH REV. F