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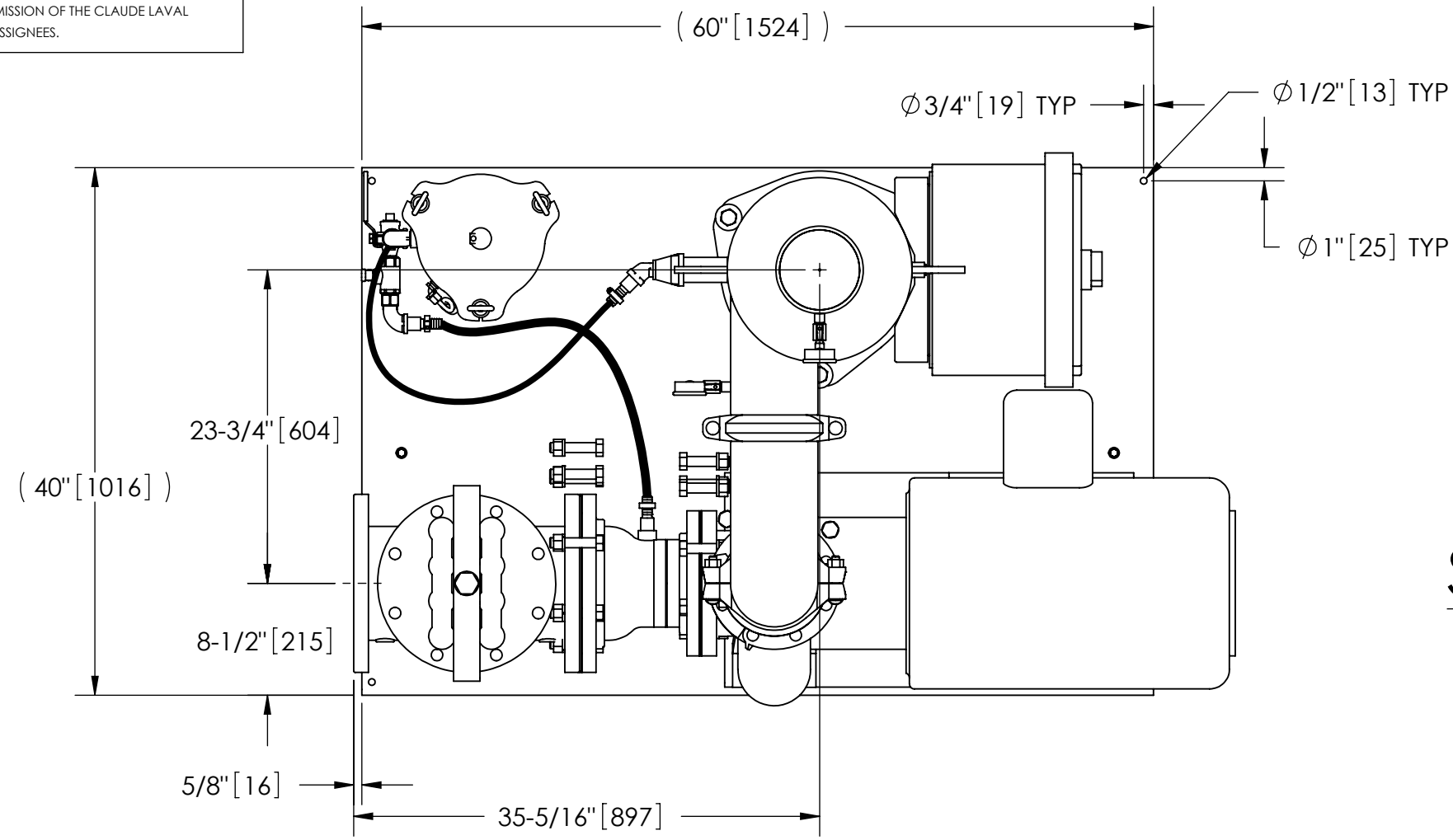
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	A	MFG UPDATE	7/9/2001	ADJ
-	B	MFG UPDATE	6/26/2006	RGM
-	C	CHG INLET/OUTLET HEIGHTS	8/29/2007	DLW
-	F	CHG. MOTOR MOUNT & NEW STY STRAINER	7/13/2012	SUB
-	G	CHANGE PUMP AND PUMP MOUNT	2/11/13	TRR

NOTES:

- INLET IS 8" PIPE (125# ANSI FLANGED).
- OUTLET IS 6" PIPE (GROOVED).
- PURGE OUTLET IS 1-1/2" PIPE.
- MAXIMUM PRESSURE: 150 psi (10.3 bar).
- MAXIMUM TEMPERATURE: 100°F (37.8°C).
- SPECIFIED FLOWRATE OF 1100 gpm (250 m³/hr).
- FINISH: AS ASSEMBLED.
- POWER REQUIREMENT: 460V, 3PH, 60Hz.
- NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
- APPROXIMATE DRY WEIGHT: 2463 lbs (1117 kg).
- INLET/OUTLET VALVE KIT, MODEL TCV-1100 RECOMMENDED.
- MINIMUM PIPE FROM TOWER BASIN TO TC SYSTEM IS 10" PIPE.
- FLOODED SUCTION REQUIRED.

COMPONENT LIST:

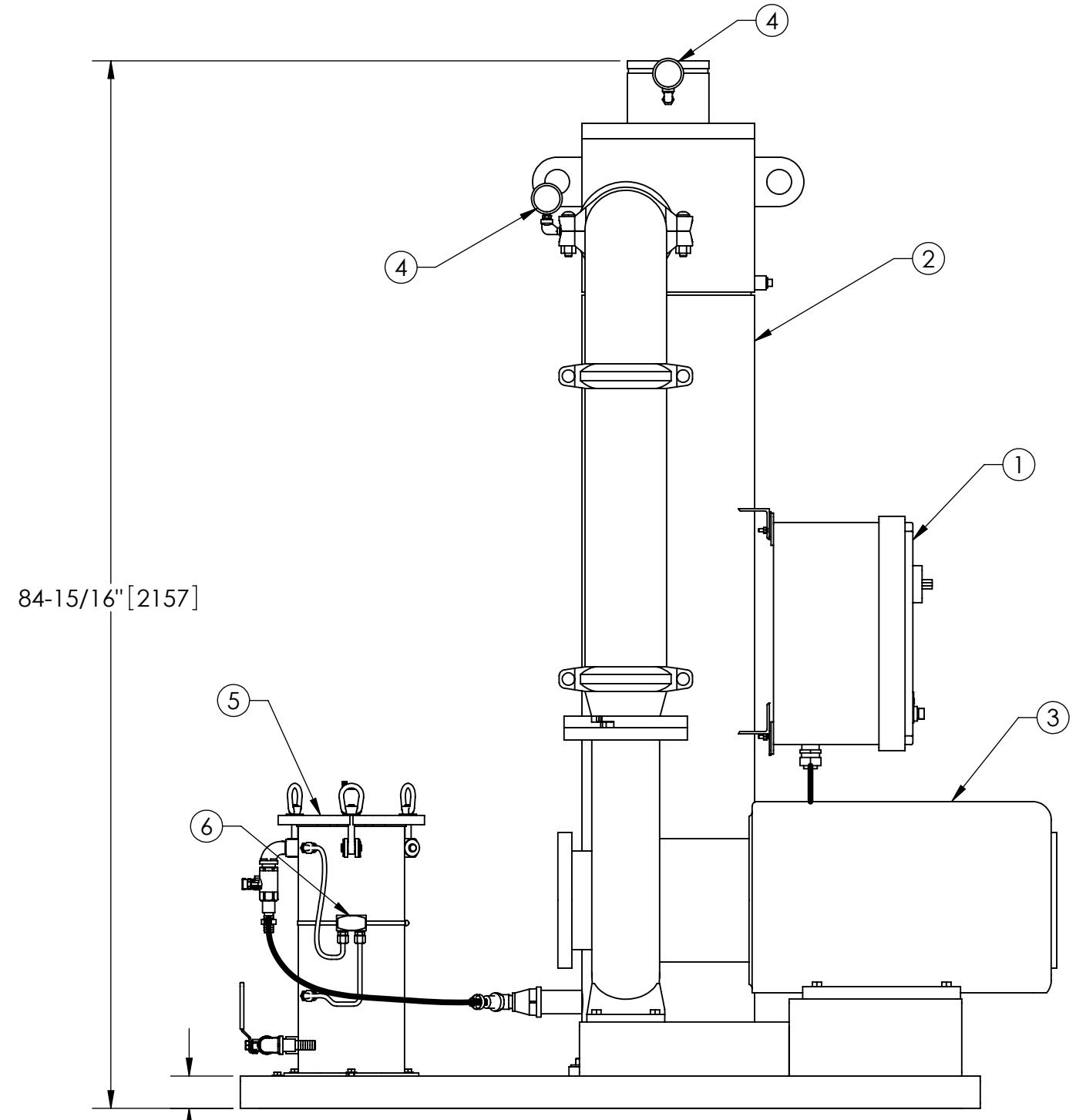
- ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- SEPARATOR: HTH-0500-TC.
- PUMP: 40 HP CENTRIFUGAL, 1800 rpm, 460V, 60Hz.
- INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
- PURGE EQUIPMENT: SRV-816.
- DIFFERENTIAL PRESSURE INDICATOR: (AVAILABLE WITH DRY CONTACT-MODEL DHE-15-S. ORDER SEPARATELY).
- BASKET STRAINER.



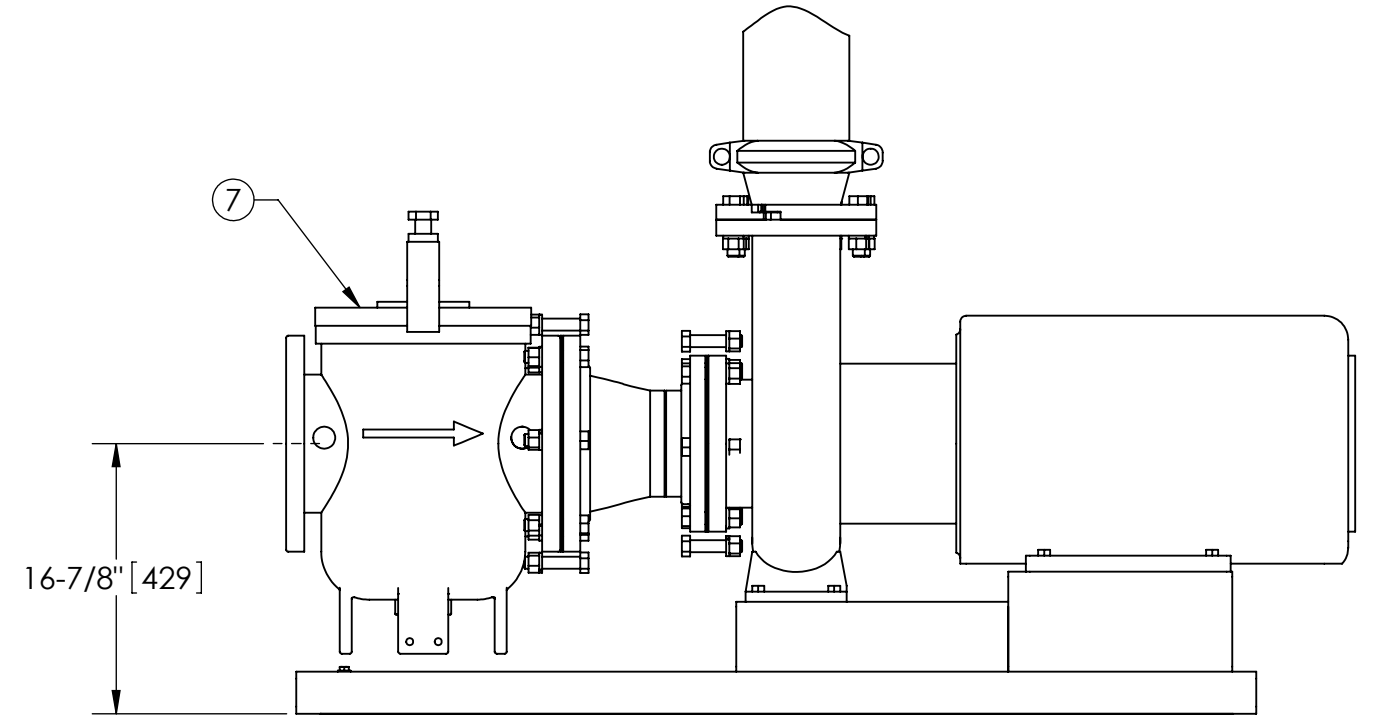
TOP VIEW

SUBMITTAL DRAWING

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



FRONT VIEW W/O STRAINER



FRONT VIEW PUMP & STRAINER

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: INCHES (mm) TOLERANCES ARE: FRACTIONS DECIMALS ANGLES $\pm 1/2"$.XX $\pm .01$ $\pm 1/4"$ XXX $\pm .005$ XXXX $\pm .0005$	ENGINEERED FOR: 33691-3-11		LAKOS. CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM		LAKOS SURVEYS
	APPROVALS	DATE	TITLE TCI-1100-SRV, TC SYSTEM, SWEEPER HTH-0500, 460V 60HZ STD		
DO NOT SCALE DRAWING	DRAWN SGF/DLW	11/15/04	SIZE C		
MATERIAL PER LAKOS SPEC	ENGR DLW	8/29/07	MODEL NO.	DWG NO. 115424	REV. G
FINISH AS ASSEMBLED	MFG -	-	SCALE 1:12	EST. WT. 2463 lb	SHEET 1 OF 1
	WORK ORDER	QTY.			

DWG NO. 115424 SHEET 1 REV. G