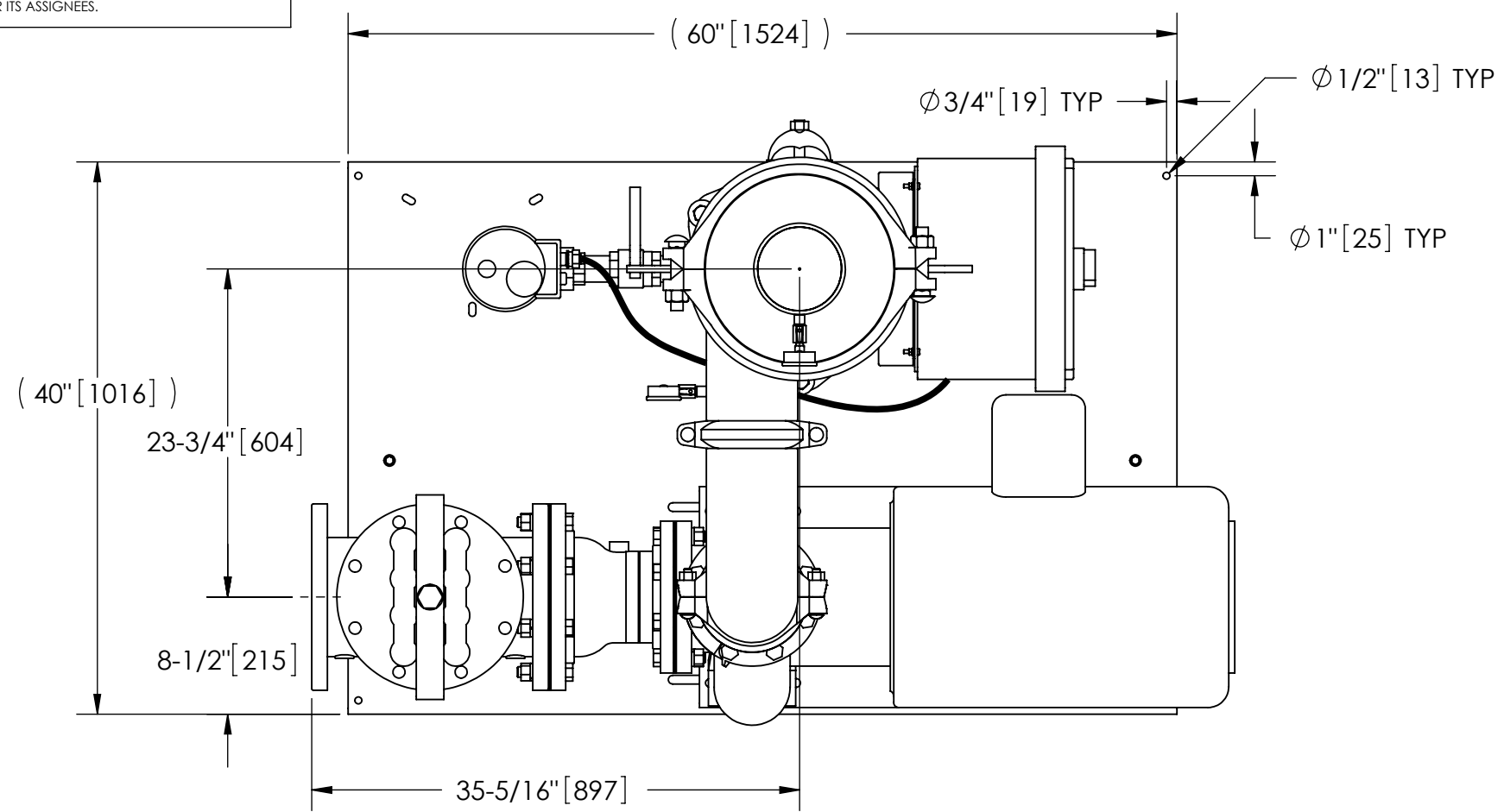


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REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
-	A	LOWERED INLET/OUTLET	8/27/2007	DLW
-	B	CHANGE PUMP AND PUMP MOUNTS	2/21/13	TRR



TOP VIEW

NOTES:

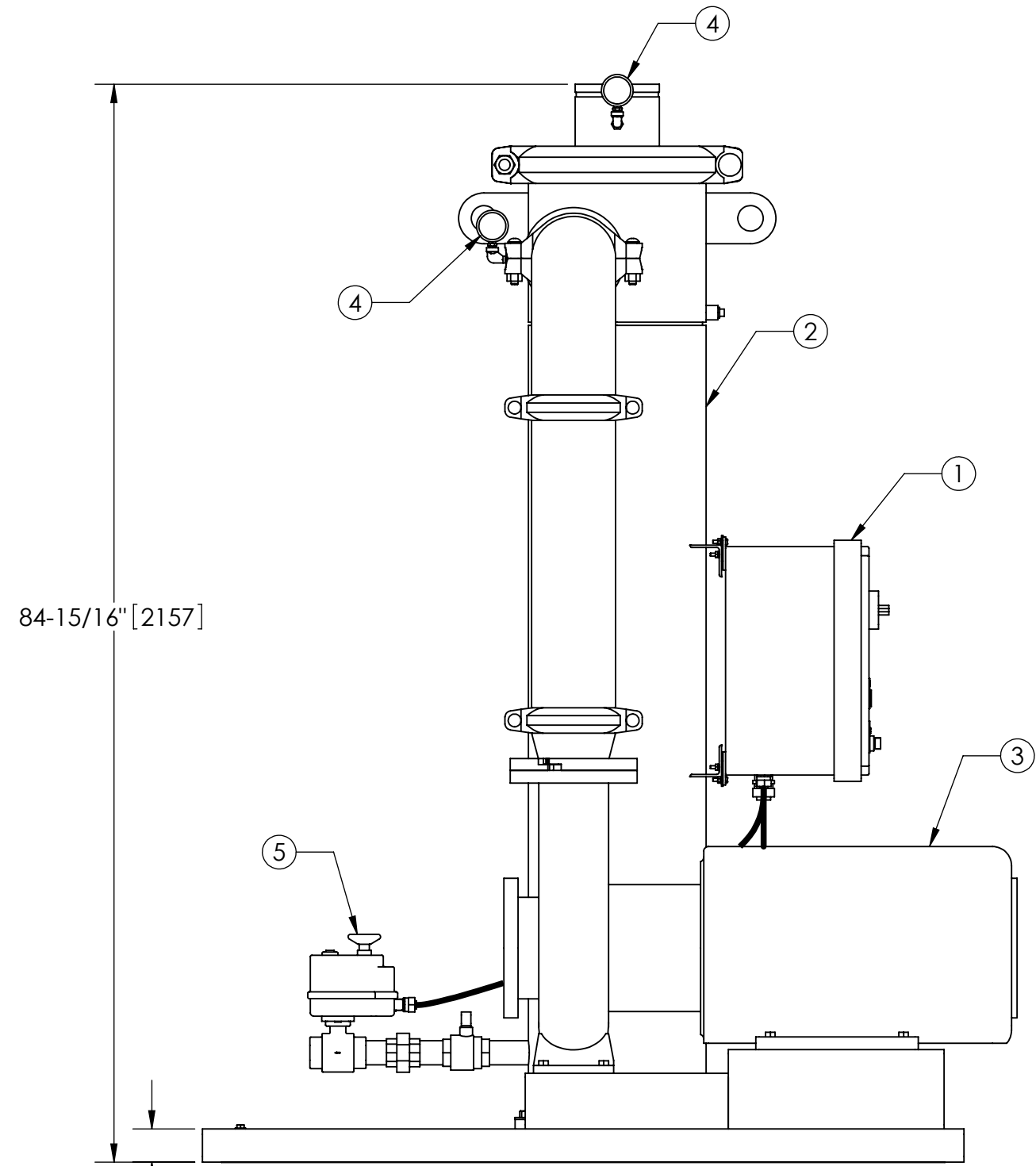
1. INLET IS 8" PIPE (125# ANSI FLANGED).
2. OUTLET IS 6" PIPE (GROOVED).
3. PURGE OUTLET IS 1-1/2" PIPE.
4. MAXIMUM PRESSURE: 150 psi (10.3 bar).
5. MAXIMUM TEMPERATURE: 100°F (37.8°C).
6. SPECIFIED FLOWRATE OF 1100 gpm (250 m³/hr).
7. FINISH: AS ASSEMBLED.
8. POWER REQUIREMENT: 460V, 3PH, 60Hz.
9. NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
10. APPROXIMATE DRY WEIGHT: 2489 lbs (1129 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:

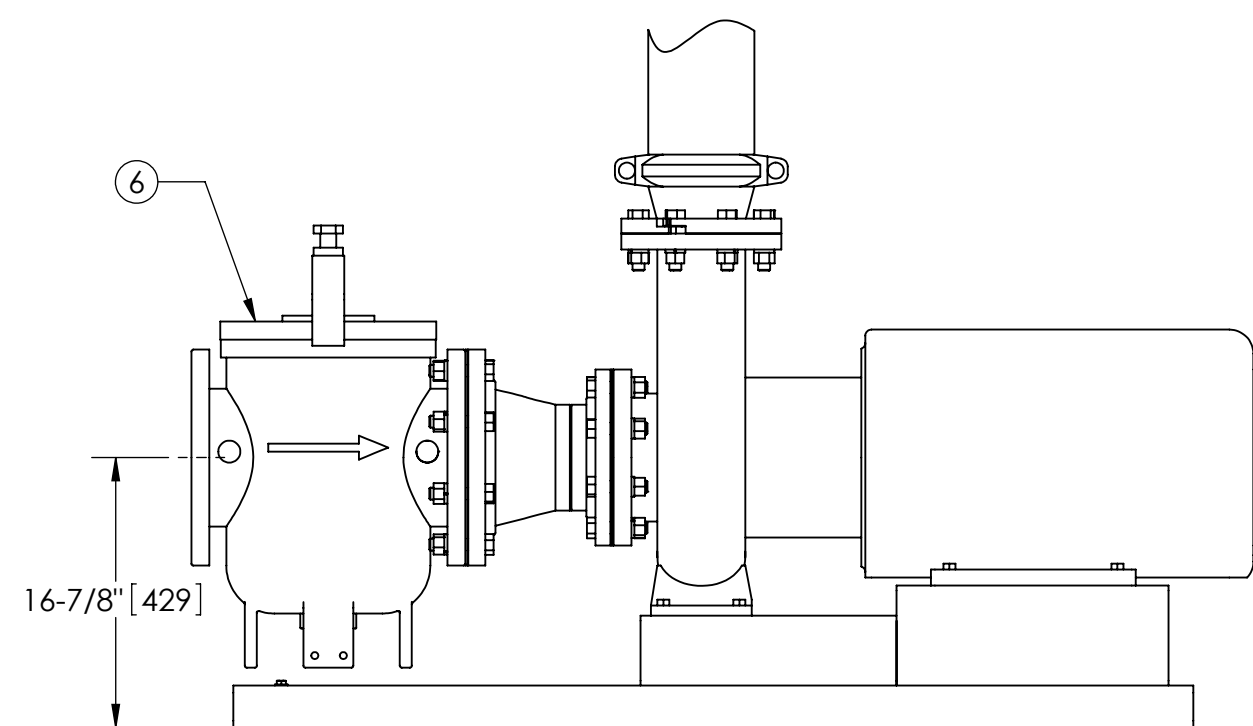
- ① ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- ② SEPARATOR: HTX-0500-TC.
- ③ PUMP: 40 HP CENTRIFUGAL, 1800 rpm, 460V, 60Hz.
- ④ INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
- ⑤ PURGE EQUIPMENT: ABV-15-120V.
- ⑥ BASKET STRAINER.

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 .XX ± .01 ± 1/4" DECIMALS .XXX ± .005 ANGLES ± .0005	ENGINEERED FOR: <b>STANDARD</b>		CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM	LAVAL UNDERGROUND SURVEYS
	APPROVALS	DATE		
DO NOT SCALE DRAWING	DRAWN HSK	5/23/05	TITLE TCX-1100-ABV, TC SYSTEM, SWEEPER HTX-0500, 460V 60HZ DELUXE	
MATERIAL PER LAKOS SPEC	ENGR DLW	8/27/07	SIZE C	MODEL NO.
FINISH AS ASSEMBLED	MFG -	-	DWG NO. 122735	REV. B
	WORK ORDER	QTY.	SCALE 1:12	EST. WT. 2489 lb
			SHEET 1 OF 1	

DWG. NO. 122735 SHEET 1 REV. B