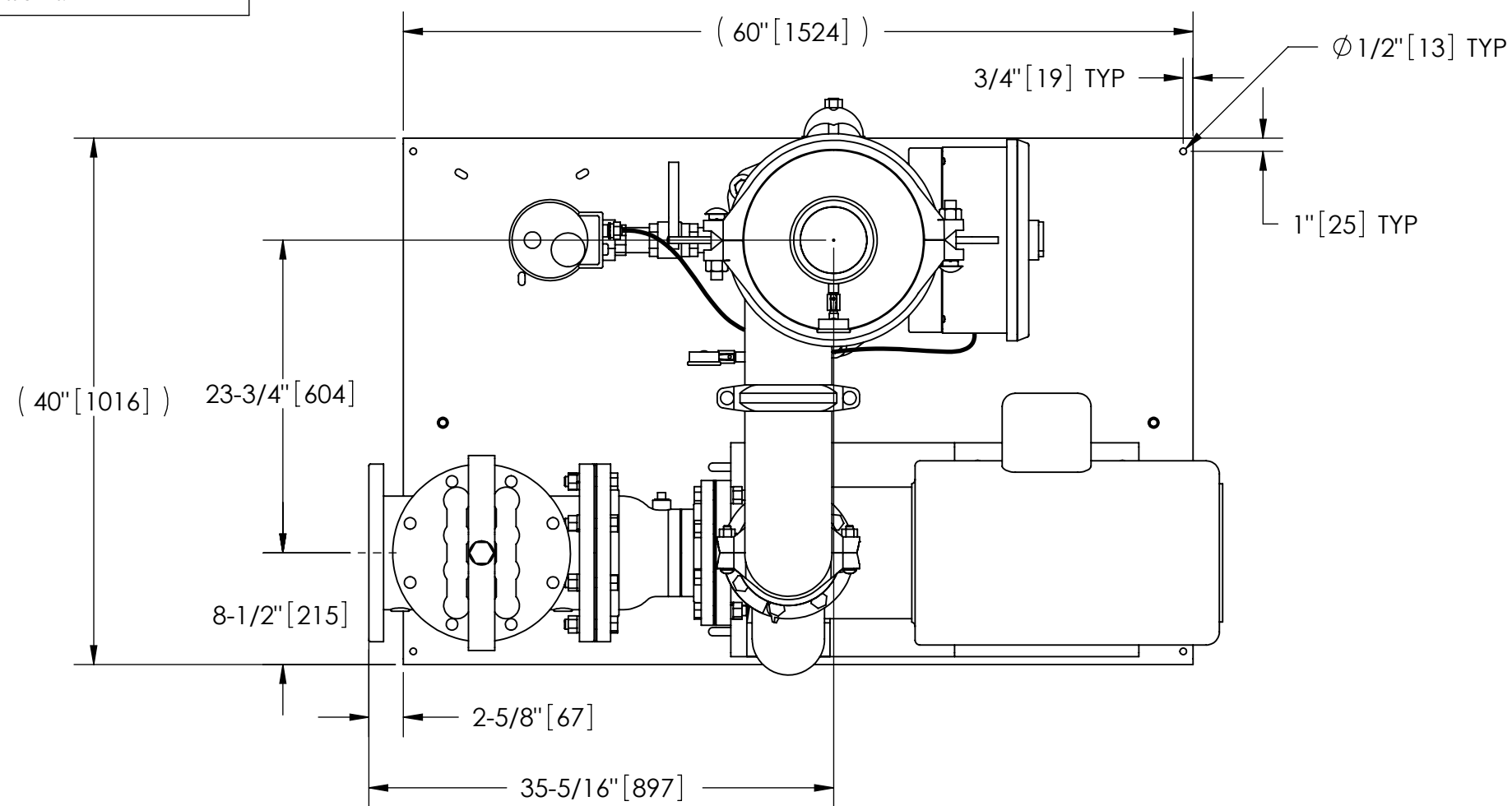


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REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	A	MFG UPDATE	6/16/2006	RGM
-	B	LOWERED INLET/OUTLET	8/27/2007	DLW
-	C	REVISED MOTOR MOUNT & NEW STY STRAINER	7/12/2012	SUB
-	D	REPLACE PUMP AND SKID	1/15/13	TRR



TOP VIEW

NOTES:

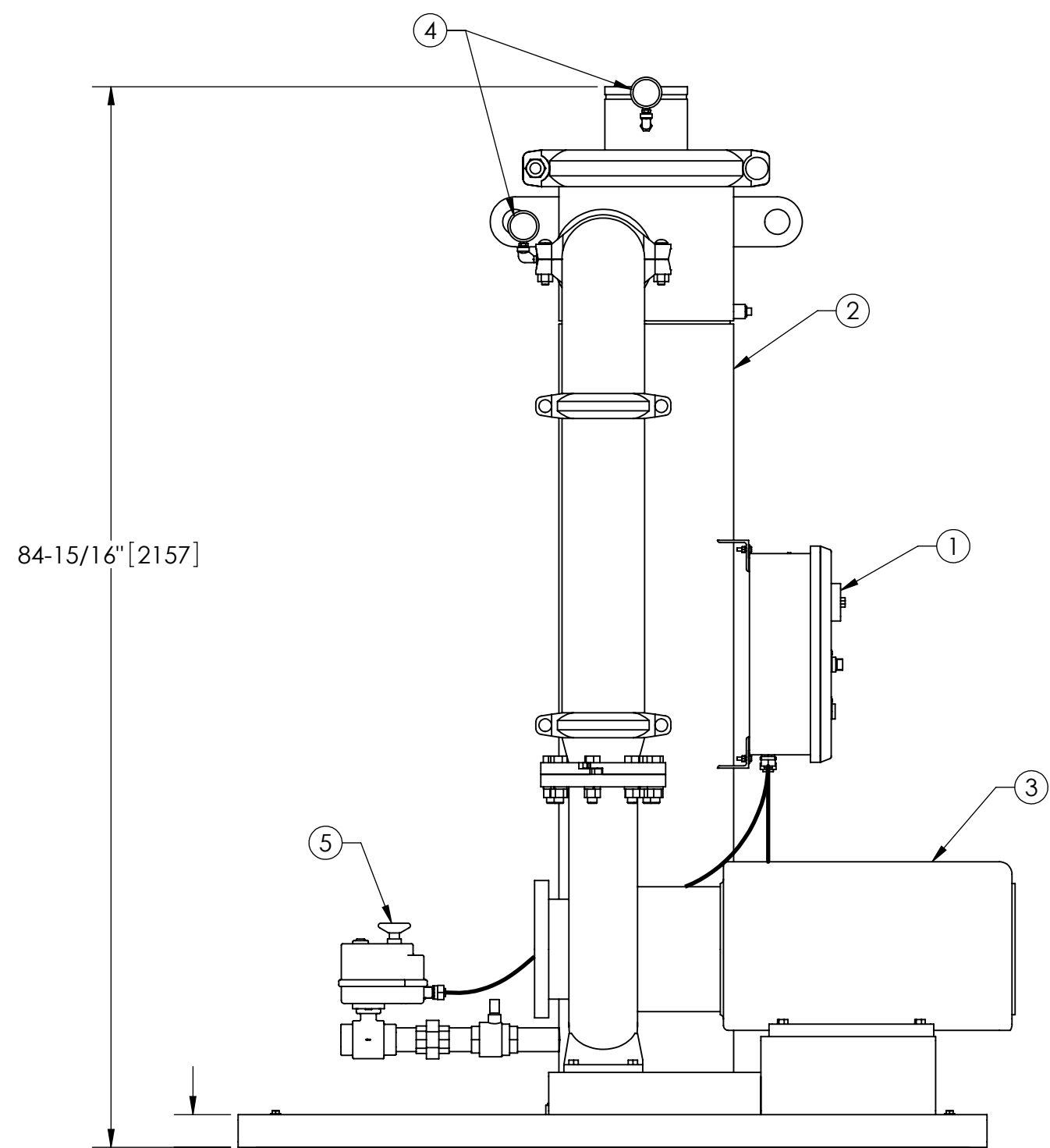
1. INLET IS 8" PIPE (125# ANSI FLANGED).
2. OUTLET IS 6" PIPE (GROOVED).
3. PURGE OUTLET IS 1-1/2" PIPE.
4. MAXIMUM PRESSURE: 150 psi (10.3 bar).
5. MAXIMUM TEMPERATURE: 100°F (37.8°C).
6. SPECIFIED FLOWRATE OF 825 gpm (187 m³/hr).
7. FINISH: AS ASSEMBLED.
8. POWER REQUIREMENT: 460V, 3PH, 60Hz.
9. NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
10. APPROXIMATE DRY WEIGHT: 2528 lbs (1147 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:

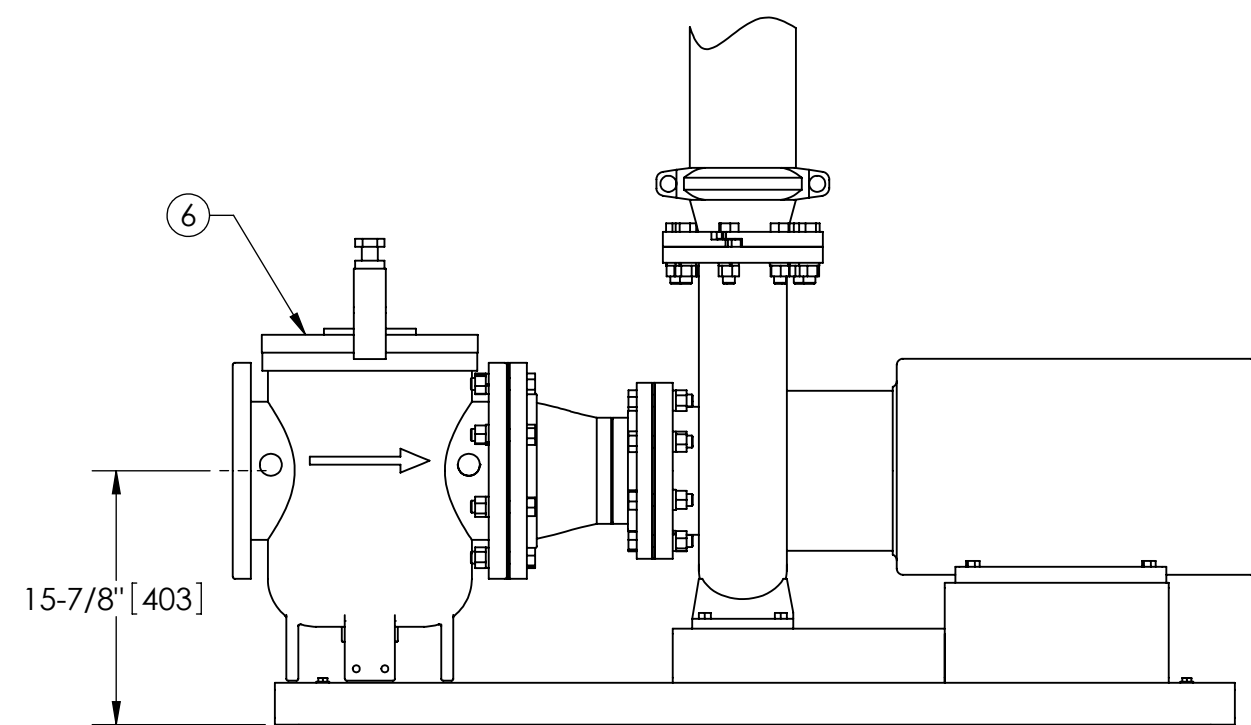
- ① ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- ② SEPARATOR: HTX-0450-TC.
- ③ PUMP: 30 HP CENTRIFUGAL, 1800 rpm, 460V, 60Hz.
- ④ INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
- ⑤ PURGE EQUIPMENT: ABV-15-120V.
- ⑥ BASKET STRAINER.

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 DECIMALS .XXX ± .005 ANGLES ± 1/4° XXX ± .005 XXXX ± .0005	ENGINEERED FOR: STANDARD	CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM	LAVAL UNDERGROUND SURVEYS
	APPROVALS		
DO NOT SCALE DRAWING	DRAWN ADJ/DLW	5/5/05	TITLE TCX-0825-ABV, TC SYSTEM, SWEEPER HTX-0450, 460V 60HZ DELUXE
MATERIAL PER LAKOS SPEC	ENGR DLW	8/27/07	SIZE C
FINISH AS ASSEMBLED	MFG -	-	MODEL NO.
	WORK ORDER	QTY.	DWG NO. 122734
			EST. WT. 2528 lb
			SHEET 1 OF 1

DWG NO. 122734
SHEET 1
REV. D