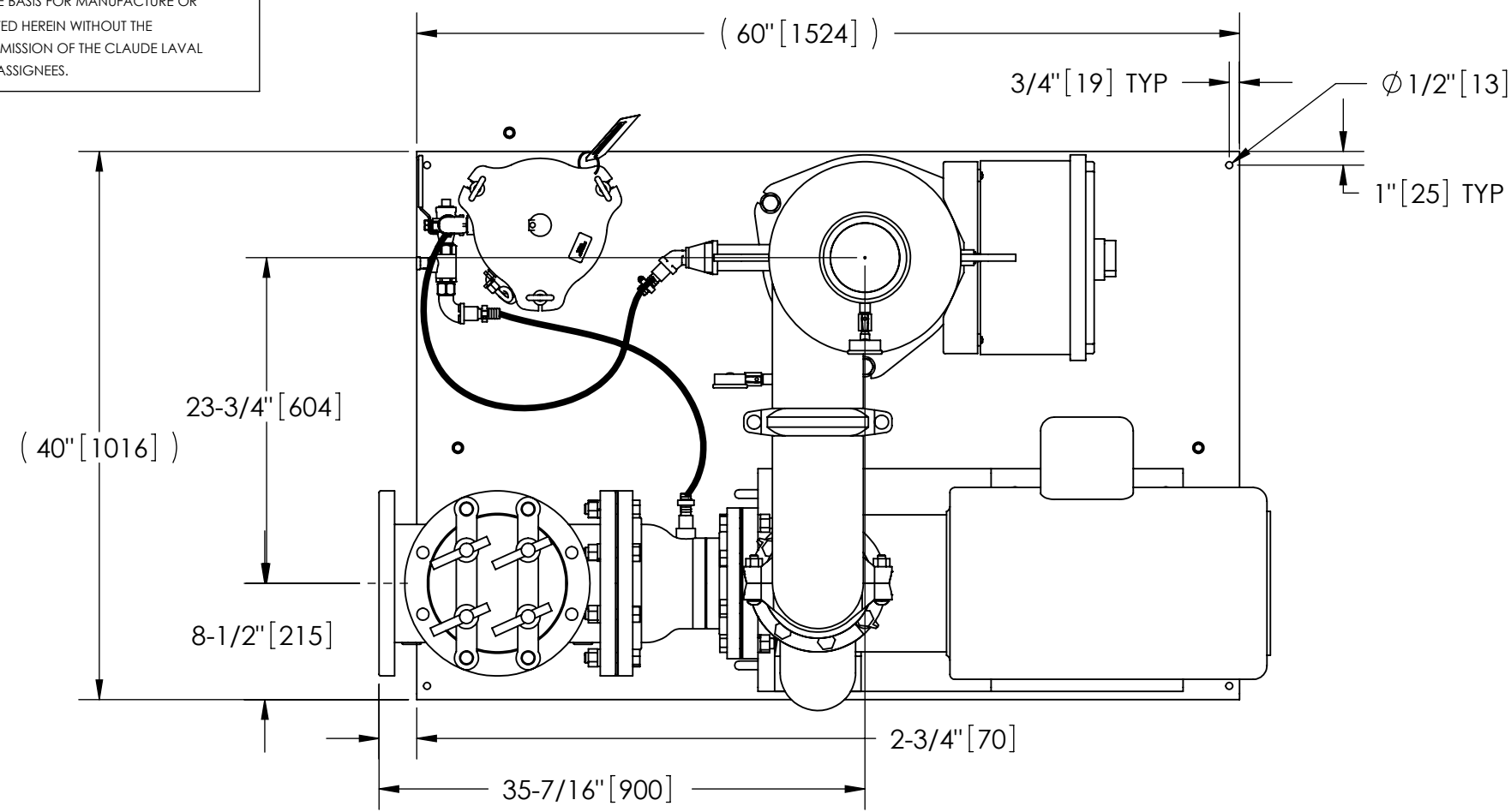


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REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	A	MFG UPDATE	6/9/2006	RGM
-	B	INLET/OUTLET HEIGHTS CHANGED	8/27/2007	DLW
	F	CHANGE PUMP MOUNT & STRAINER	7/12/2012	SUB
	G	REPLACE PUMP AND SKID	1/15/13	TRR

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

NOTES:

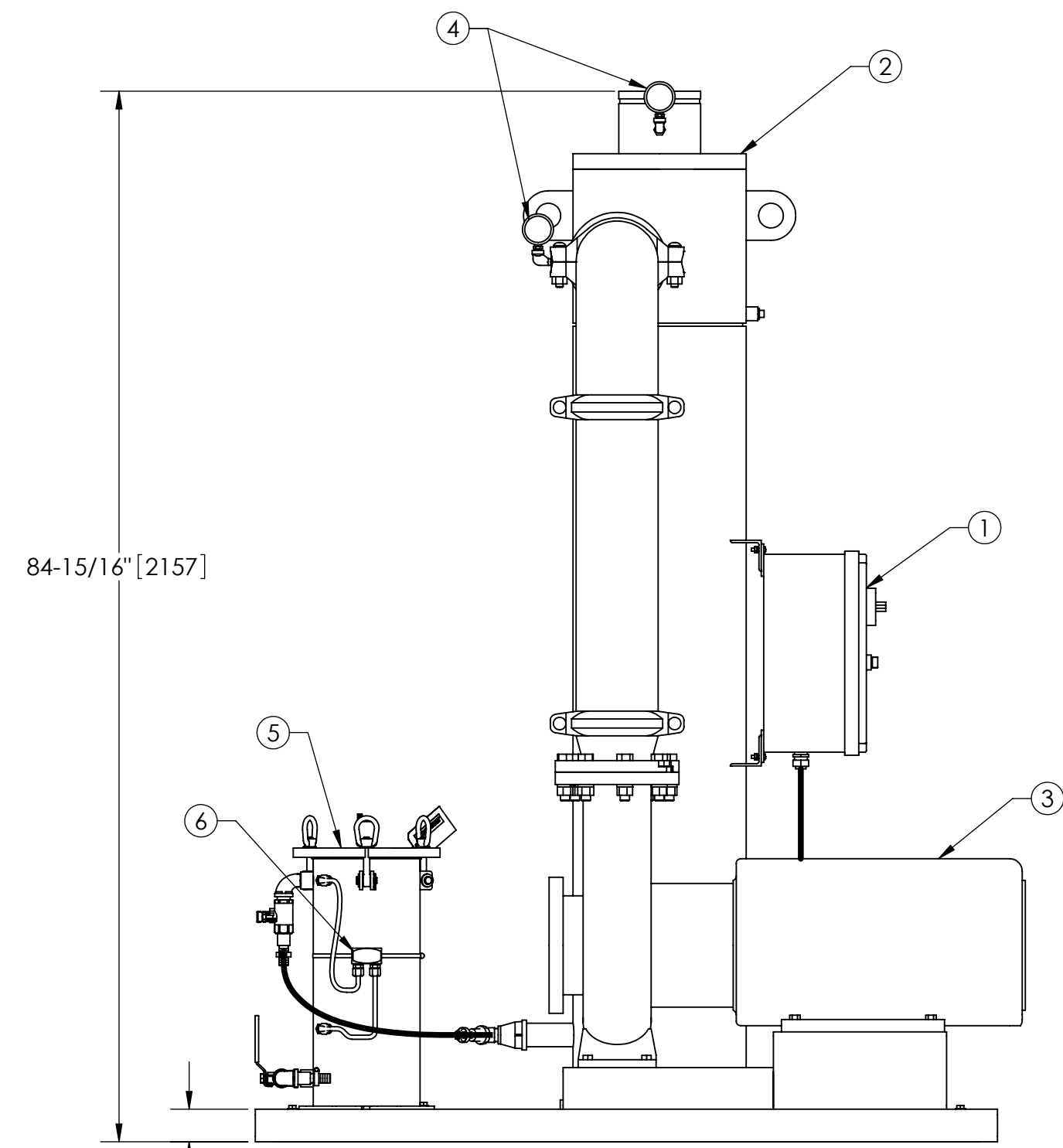
1. INLET IS 8" PIPE (125# ANSI FLANGED).
2. OUTLET IS 6" PIPE (GROOVED).
3. PURGE OUTLET IS 1-1/2" PIPE.
4. MAXIMUM PRESSURE: 150 psi (10.3 bar).
5. MAXIMUM TEMPERATURE: 100°F (37.8°C).
6. SPECIFIED FLOWRATE OF 825 gpm (187 m³/hr).
7. FINISH: AS ASSEMBLED.
8. POWER REQUIREMENT: 460V, 3PH, 60Hz.
9. NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
10. APPROXIMATE DRY WEIGHT: 2411 lbs (1095 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:

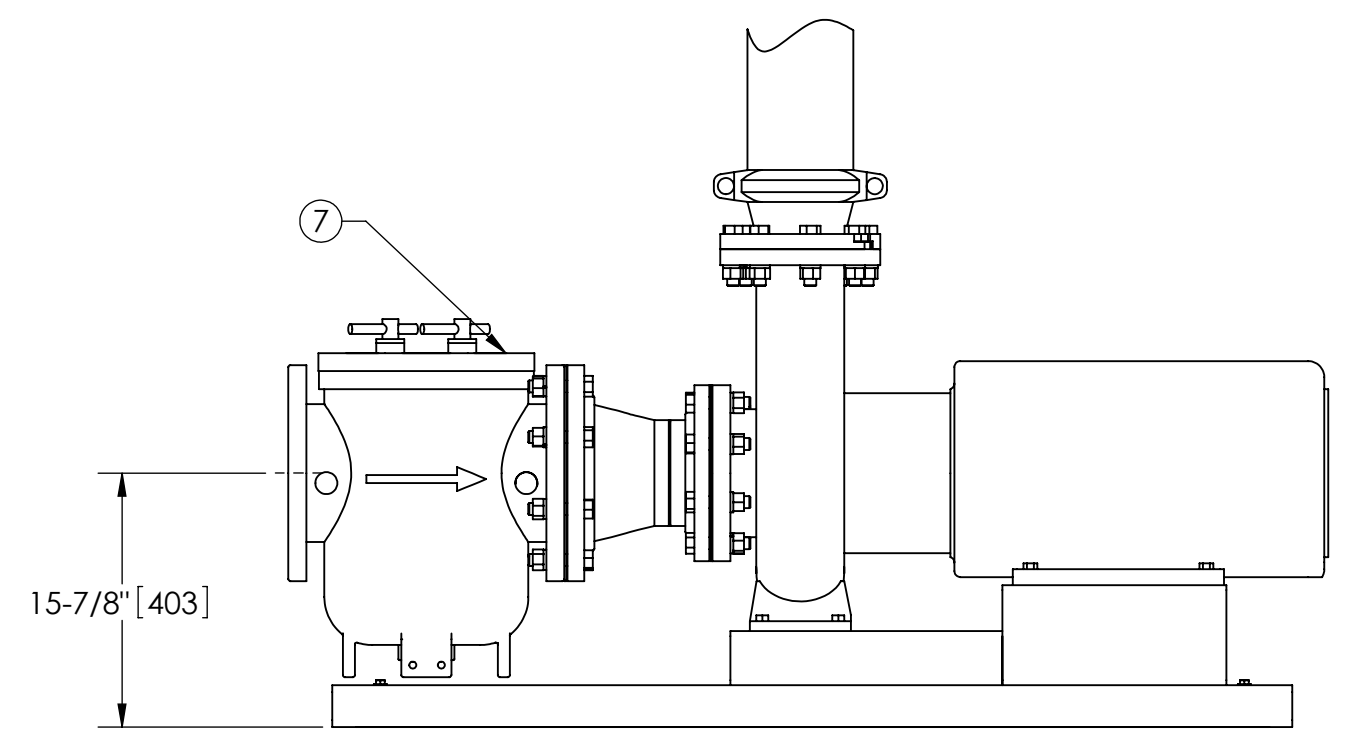
- 1 ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- 2 SEPARATOR: HTH-0450-TC.
- 3 PUMP: 30 HP CENTRIFUGAL, 1800 rpm, 460V, 60Hz/PE.
- 4 INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
- 5 PURGE EQUIPMENT: SRV-816.
- 6 DIFFERENTIAL PRESSURE INDICATOR: (AVAILABLE WITH DRY CONTACT-MODEL DHE-15-S. ORDER SEPARATELY).
- 7 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 DECIMALS ANGLES ± 1/2" .XX ± .01 ± 1/4" .XXX ± .005 .XXXX ± .0005	ENGINEERED FOR: 31115-1-09	LAKOS. CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM		LAKOS. CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM	LVAL UNDERGROUND SURVEYS
	APPROVALS	DATE	TITLE		
DO NOT SCALE DRAWING	DRAWN SGF/DLW	4/29/05	TCI-0825-SRV, TC SYSTEM, SWEEPER HTH-0450, 460V 60HZ STD	SIZE C	MODEL NO.
MATERIAL PER LAKOS SPEC	ENGR DLW	8/27/07			
FINISH AS ASSEMBLED	MFG -	-	EST. WT. 2411 lb	SHEET 1 OF 1	
	WORK ORDER	QTY.			
			SCALE 1:12		

DWG NO. 115423
SHEET REV. G