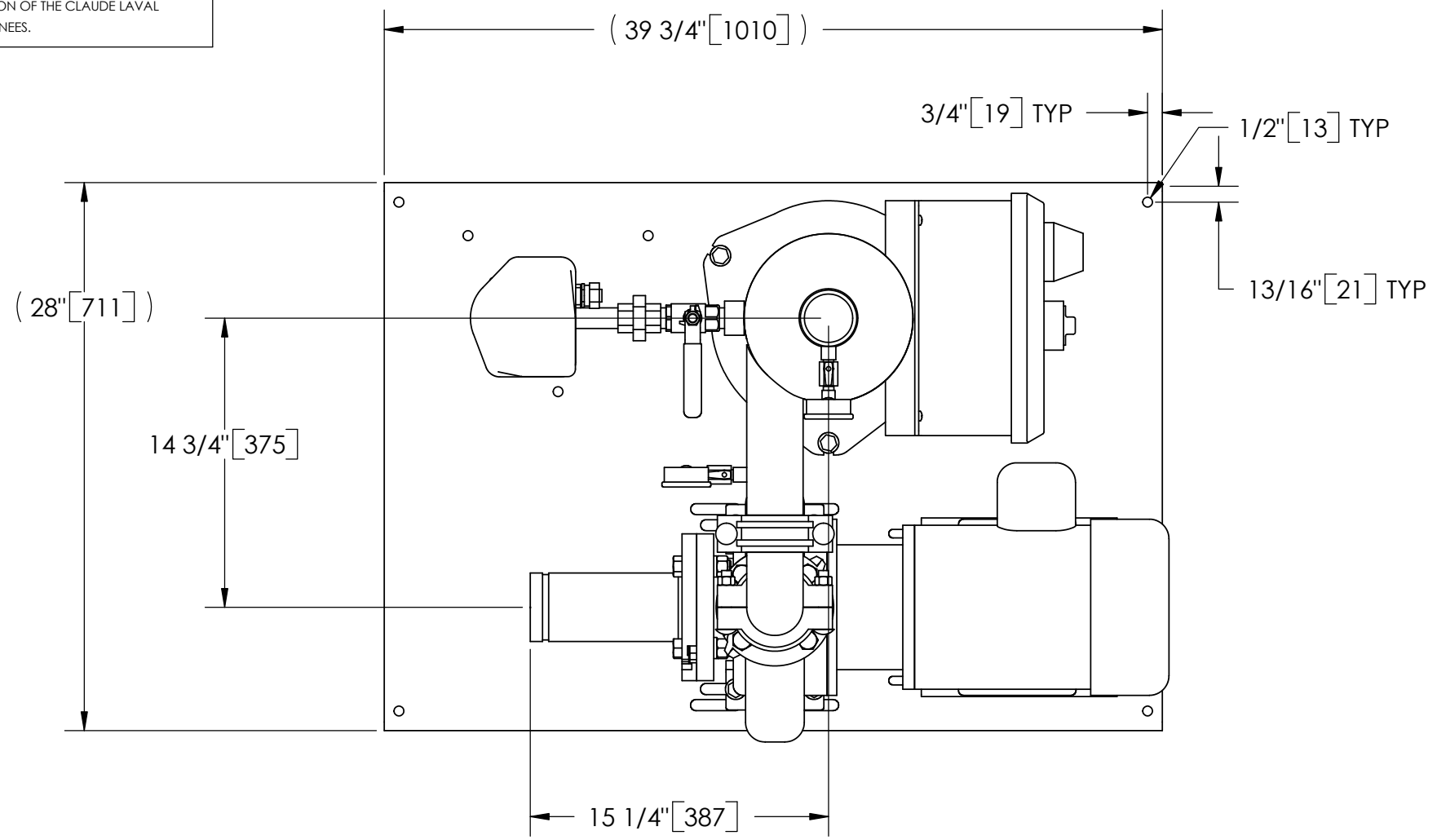


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REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
-	A	ADDED OVERLOAD	7/2/02	NAC

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:**

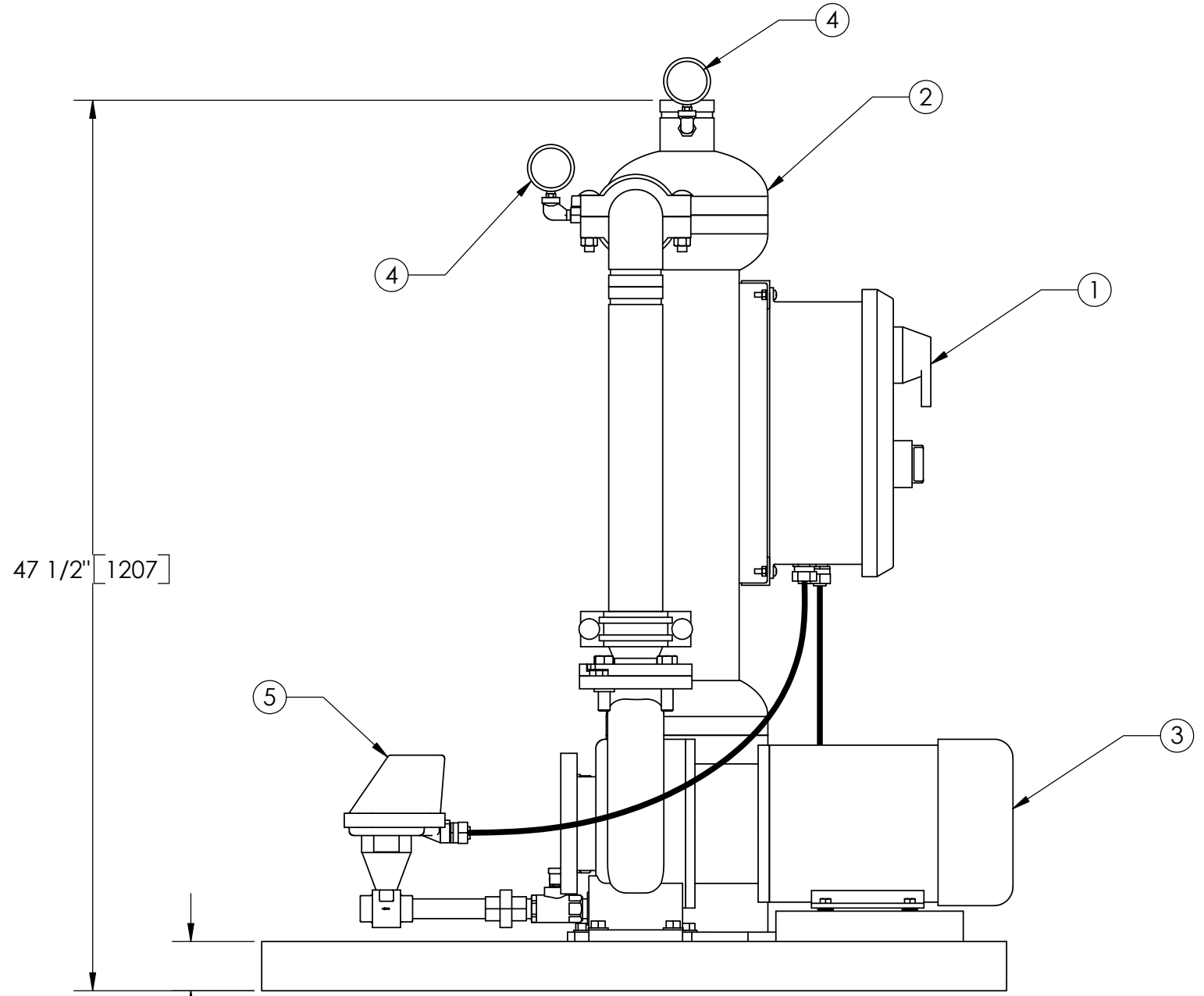
1. INLET IS 3" PIPE (GROOVED).
2. OUTLET IS 2-1/2" PIPE (GROOVED).
3. PURGE OUTLET IS 3/4" PIPE.
4. MAXIMUM PRESSURE: 150 psi (10.3 bar).
5. MAXIMUM TEMPERATURE: 100°F (37.8°C).
6. SPECIFIED FLOWRATE OF 0145 gpm (33 m<sup>3</sup>/hr).
7. FINISH: AS ASSEMBLED.
8. POWER REQUIREMENT: 460V, 3PH, 60Hz.
9. NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
10. APPROXIMATE DRY WEIGHT: 449 lbs (204 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCV-0145 RECOMMENDED.
12. MINIMUM PIPE TO TB SYSTEM IS 4" PIPE.
13. FLOODED SUCTION REQUIRED.

**COMPONENT LIST:**

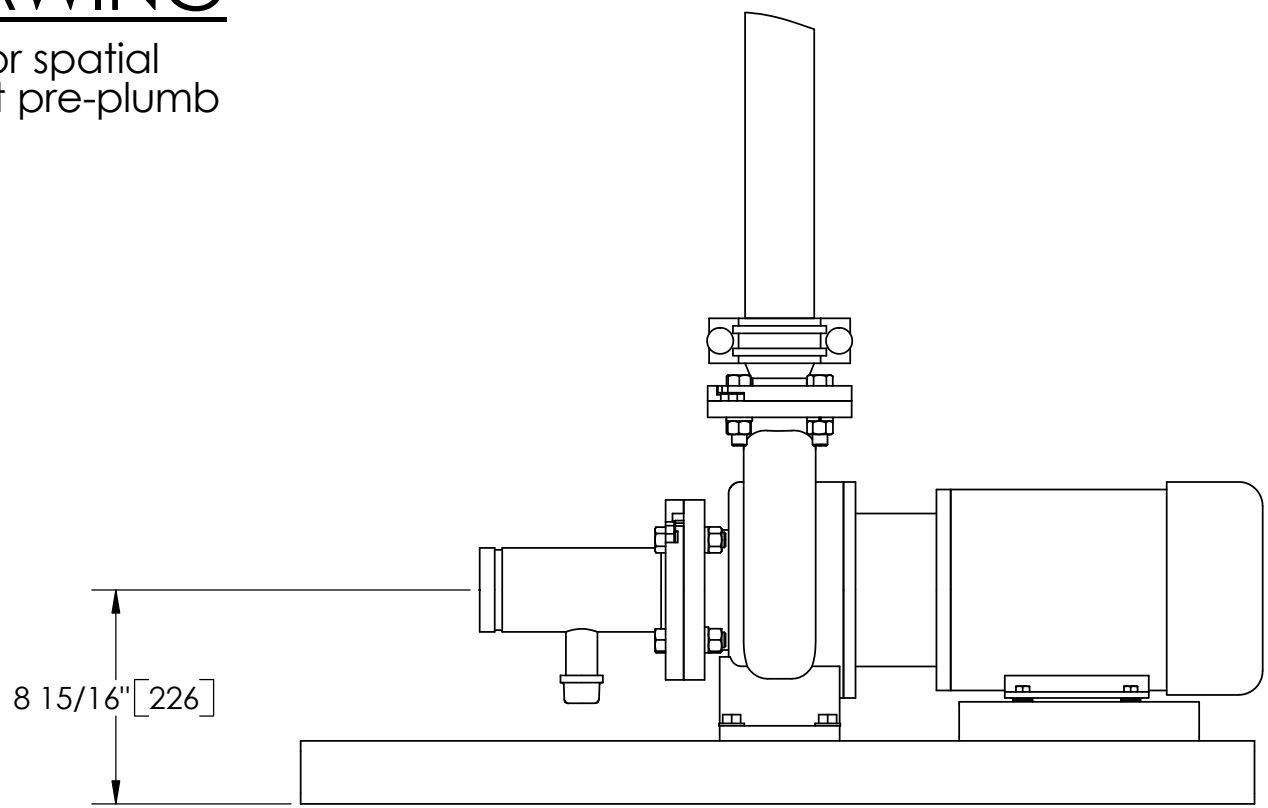
- ① ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- ② SEPARATOR: ILB-0250-TC.
- ③ PUMP: 3 HP CENTRIFUGAL, 1750 rpm, 460V, 60Hz.
- ④ INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
- ⑤ PURGE EQUIPMENT: CMBV-07-120V.

**SUBMITTAL DRAWING**

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



**FRONT VIEW W/O SPOOL**



**FRONT VIEW PUMP & SPOOL**

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: INCHES (mm) TOLERANCES ARE: FRACTIONS .XX ± .01 ± 1/4" DECIMALS .XXX ± .005 ANGLES ± 1/4"	ENGINEERED FOR: <b>STANDARD</b>		CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM	LAVAL UNDERGROUND SURVEYS
	APPROVALS	DATE		
DO NOT SCALE DRAWING	DRAWN GMB/DLW	1/3/05	TITLE TBI-0145-CMBV, TC SYSTEM, SIDESTREAM ILB-0250, 460V 60HZ STD	
MATERIAL PER LAKOS SPEC	ENGR HSK	12/9/04	SIZE C	MODEL NO.
FINISH AS ASSEMBLED	MFG -	-	DWG NO. <b>115473</b>	REV. A
	WORK ORDER	QTY.	SCALE 1:8	EST. WT. 449 lb
			SHEET 1 OF 1	

DWG NO. 115473 SH 1 REV. A