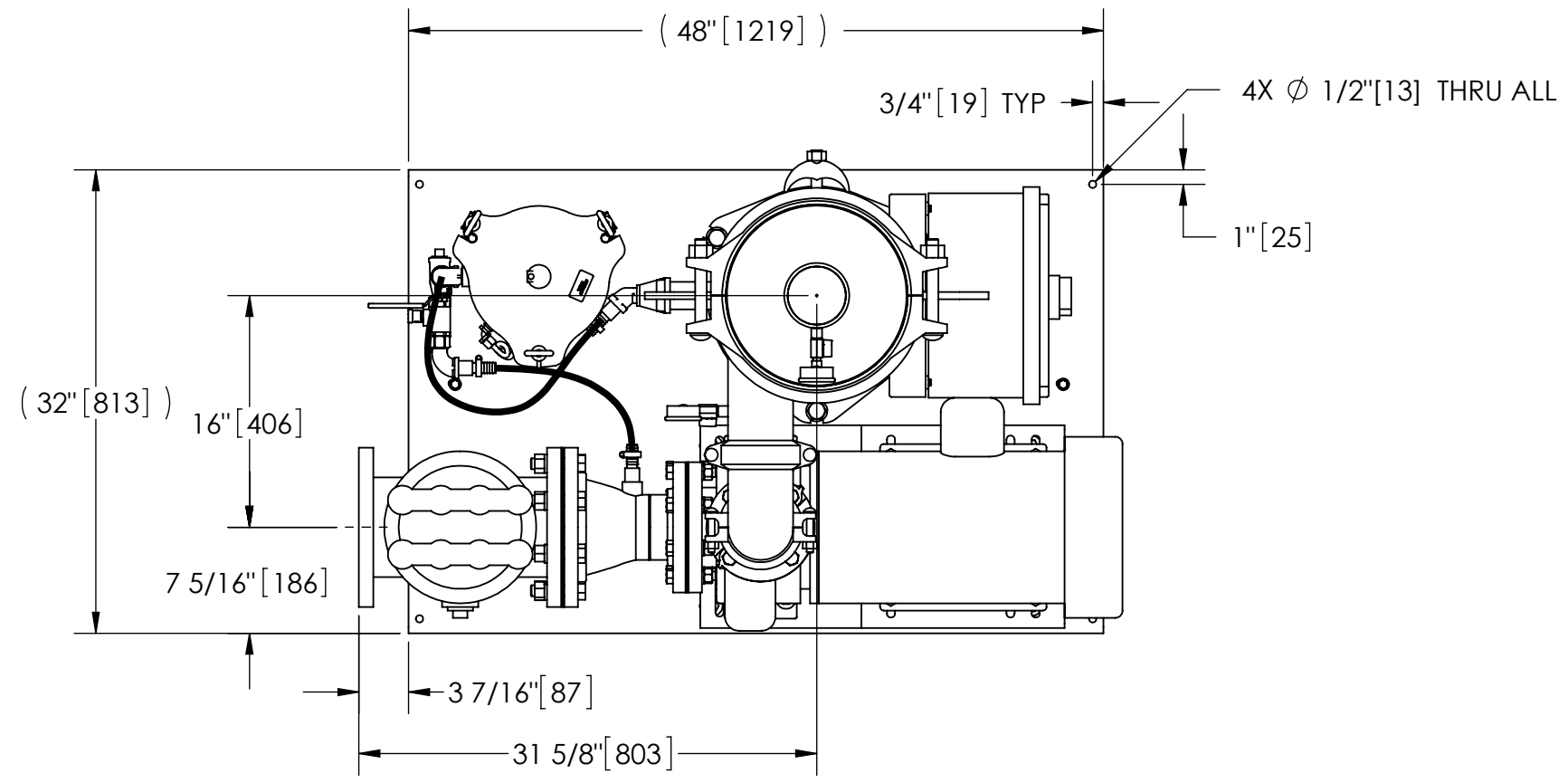


EXCEPT AS OTHERWISE PROVIDED BY CONTRACT, THIS DRAWING AND SPECIFICATIONS SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR MANUFACTURE OR SALE OF MATTER DEPICTED HEREIN WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE CLAUDE LAVAL CORPORATION, OR ITS ASSIGNEES.

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.

REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED



TOP VIEW

NOTES:

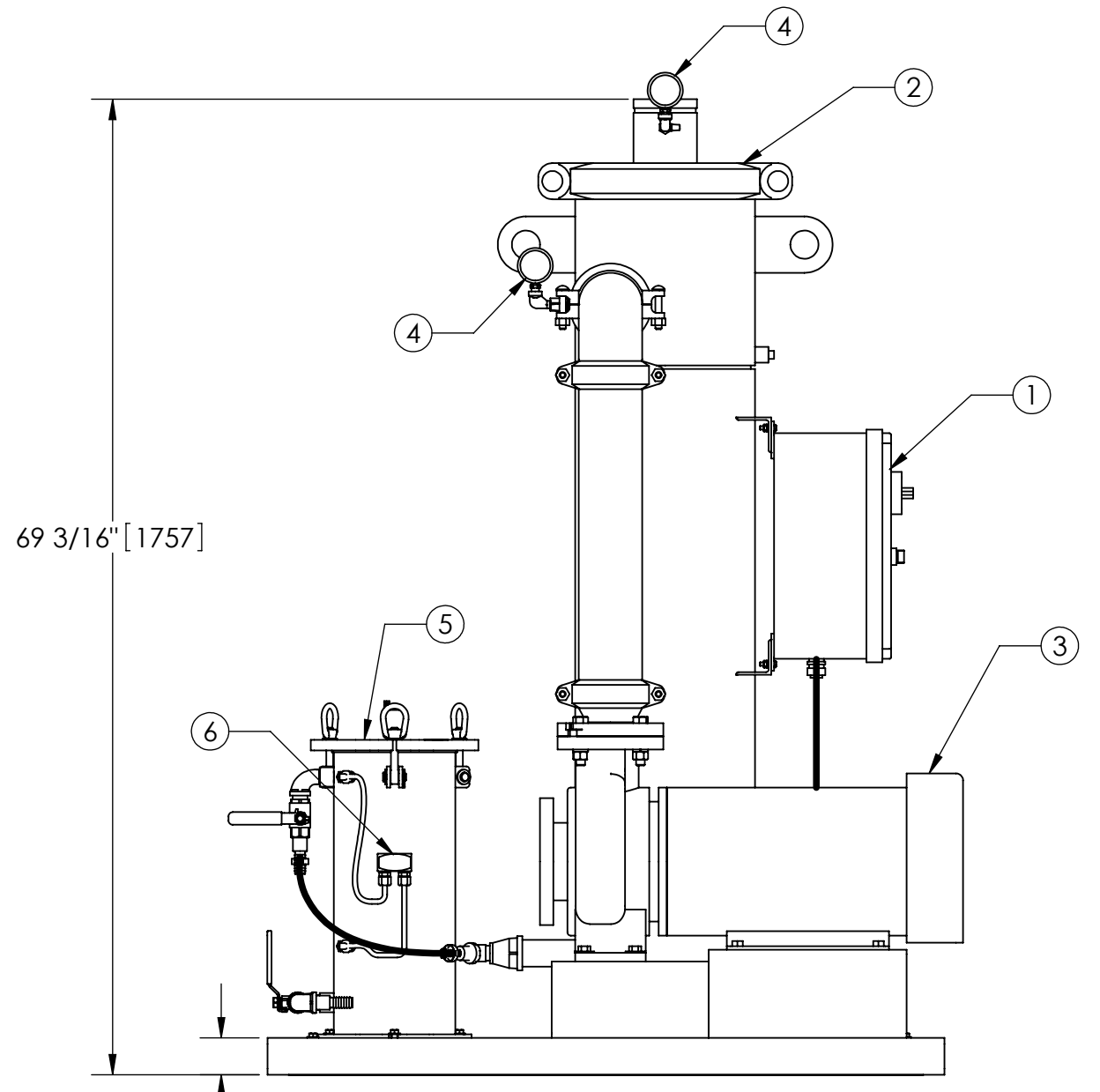
1. INLET IS 6" PIPE (125# ANSI FLANGED).
2. OUTLET IS 4" PIPE (GROOVED).
3. PURGE OUTLET IS 1-1/2" PIPE.
4. MAXIMUM PRESSURE: 150 psi (10.3 bar).
5. MAXIMUM TEMPERATURE: 100°F (37.8°C).
6. SPECIFIED FLOWRATE OF 525 gpm (119 m³/hr).
7. FINISH: AS ASSEMBLED.
8. POWER REQUIREMENT: 460V, 3PH, 60Hz.
9. NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
10. APPROXIMATE DRY WEIGHT: 1246 lbs (564 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCV-0525 RECOMMENDED.
12. MINIMUM PIPE FROM TOWER BASIN TO TC SYSTEM IS 8" PIPE.
13. FLOODED SUCTION REQUIRED.

COMPONENT LIST:

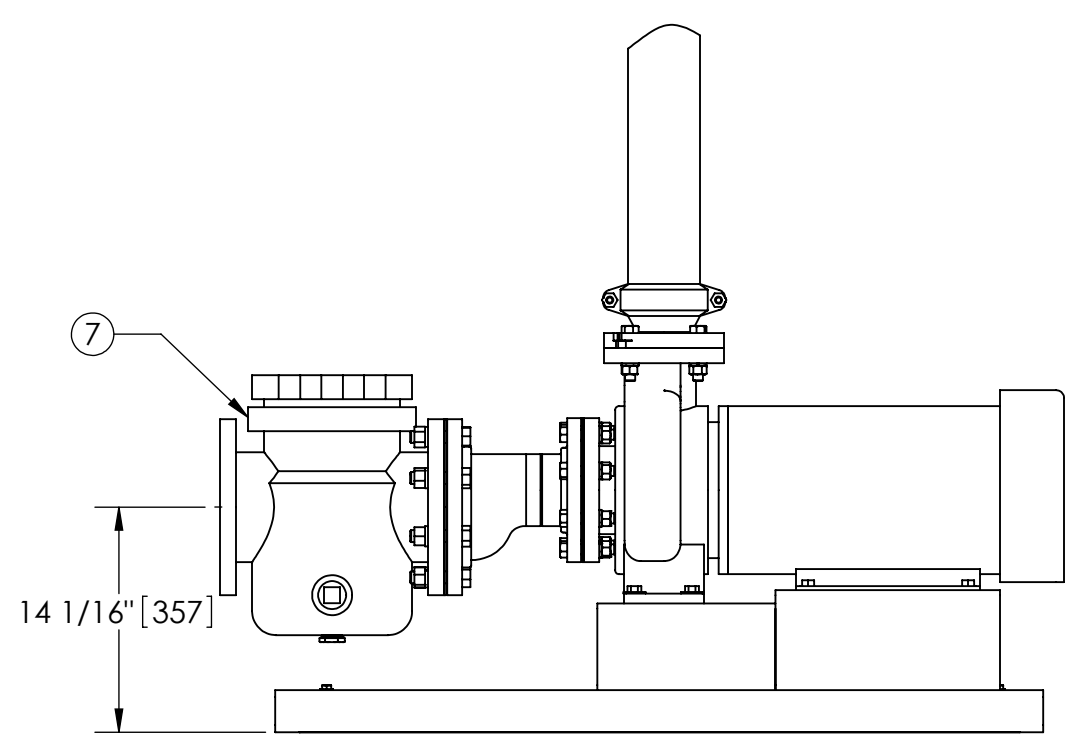
- ① ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- ② SEPARATOR: HTX-0285-TC.
- ③ PUMP: 20 HP CENTRIFUGAL, 3500 rpm, 460V, 60Hz.
- ④ INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
- ⑤ PURGE EQUIPMENT: SRV-816.
- ⑥ DIFFERENTIAL PRESSURE INDICATOR: (AVAILABLE WITH DRY CONTACT-MODEL DHE-15-S. 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: <b>STANDARD</b>		CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM	LAVAL UNDERGROUND SURVEYS
	APPROVALS	DATE		
DO NOT SCALE DRAWING	DRAWN	ADJ	5/24/05	TITLE
MATERIAL	ENGR	HSK	5/24/05	TCX-0525-SRV, TC SYSTEM, SWEEPER HTX-0285, 460V 60HZ DELUXE
FINISH	MFG	-	-	SIZE
AS ASSEMBLED	WORK ORDER	-	-	MODEL NO.
				DWG NO.
				<b>115431</b>
				SCALE
				1:12
				EST. WT.
				1246 lb
				SHEET
				1 OF 1

DWG. NO. 115431 SHEET REV. C