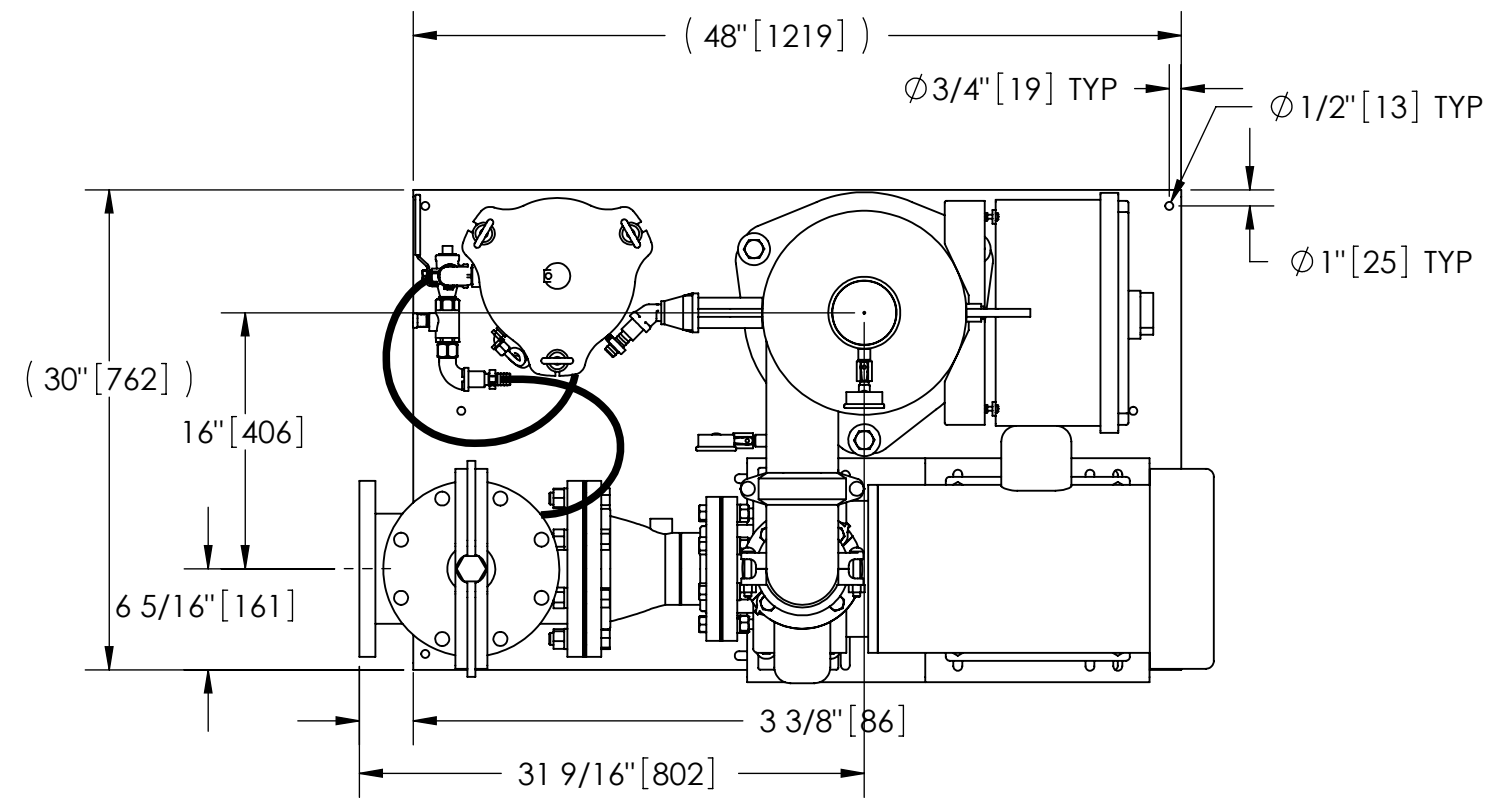


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REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED

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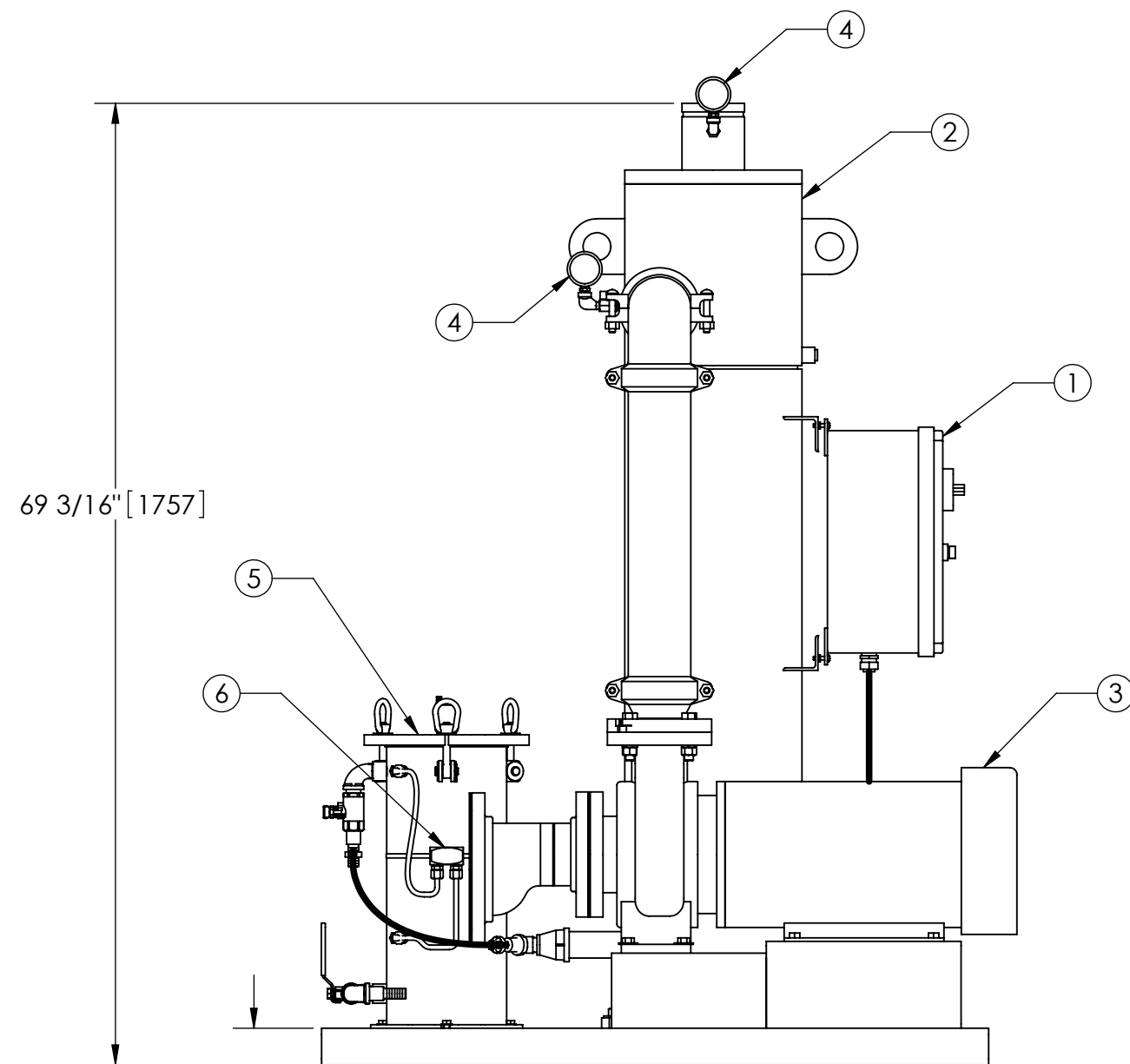
TOP VIEW

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: 1195 lbs (542 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:

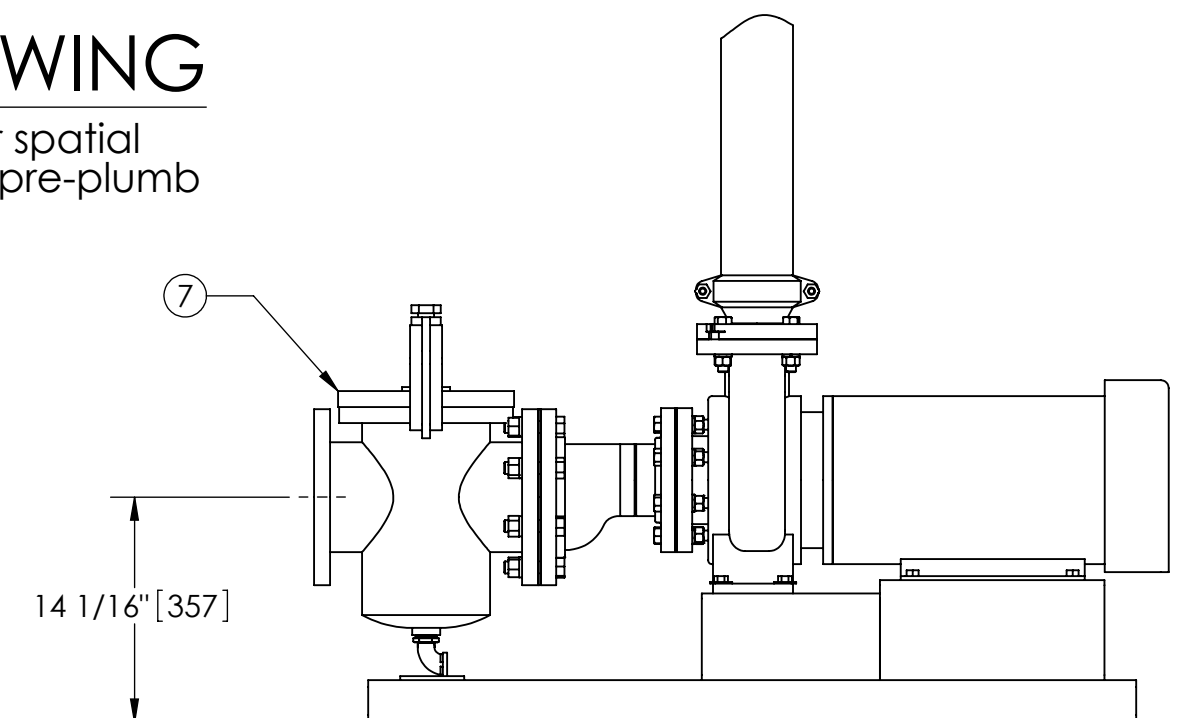
- ① ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- ② SEPARATOR: HTH-0285-TC.
- ③ PUMP: 20 HP CENTRIFUGAL, 3500 rpm, 460V, 60Hz.
- ④ INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
- ⑤ PURGE EQUIPMENT: SRV-816.
- ⑥ DIFFERENTIAL PRESSURE INDICATOR: (AVAILABLE WITH DRY DRY CONTACT-MODEL DHE-15-S. ORDER SEPARATELY).
- ⑦ BASKET STRAINER.



FRONT VIEW W/O STRAINER

SUBMITTAL DRAWING

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



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: STANDARD	LAKOS. CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM		LAVAL UNDERGROUND SURVEYS		
	APPROVALS	DATE	TITLE			
DO NOT SCALE DRAWING	DRAWN SGF/ADJ	5/24/05	TCI-0525-SRV, TC SYSTEM, SWEEPER HTH-0285, 460V 60HZ STD			
MATERIAL PER LAKOS SPEC	ENGR HSK	5/24/05				
FINISH AS ASSEMBLED	MFG -	-	SIZE C	MODEL NO.	DWG NO. 115422	REV. C
	WORK ORDER	QTY.	SCALE 1:12	EST. WT. 1195 lb	SHEET 1 OF 1	

DWG NO.

115422

SH

REV. C

A