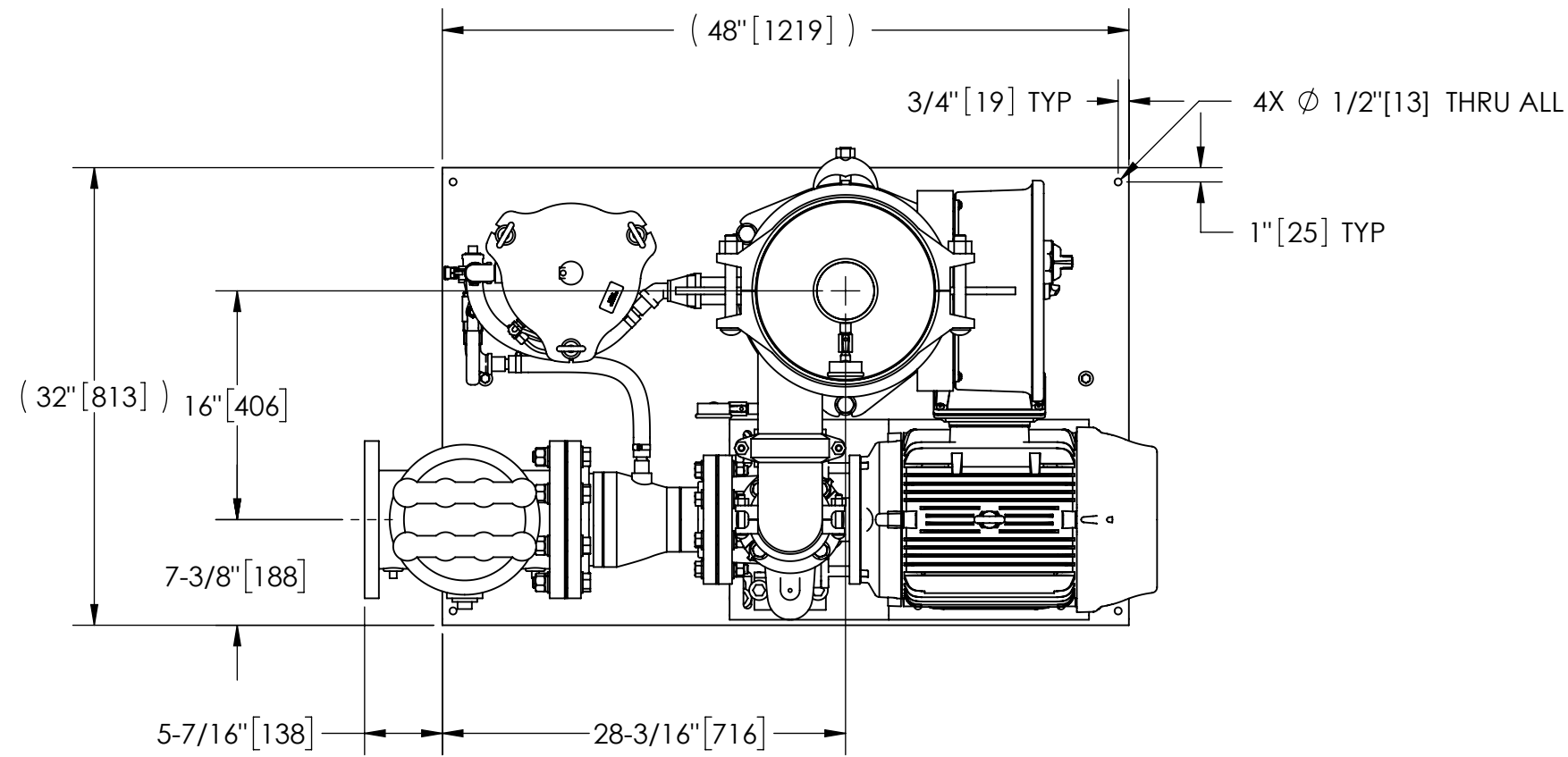


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REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	F	UPDATE TO CURRENT STANDARDS	7/11/2024	AAM
	G	UPDATE PANEL AND NOTE 12	8/13/24	AAM



**TOP VIEW**

**SUBMITTAL DRAWING**

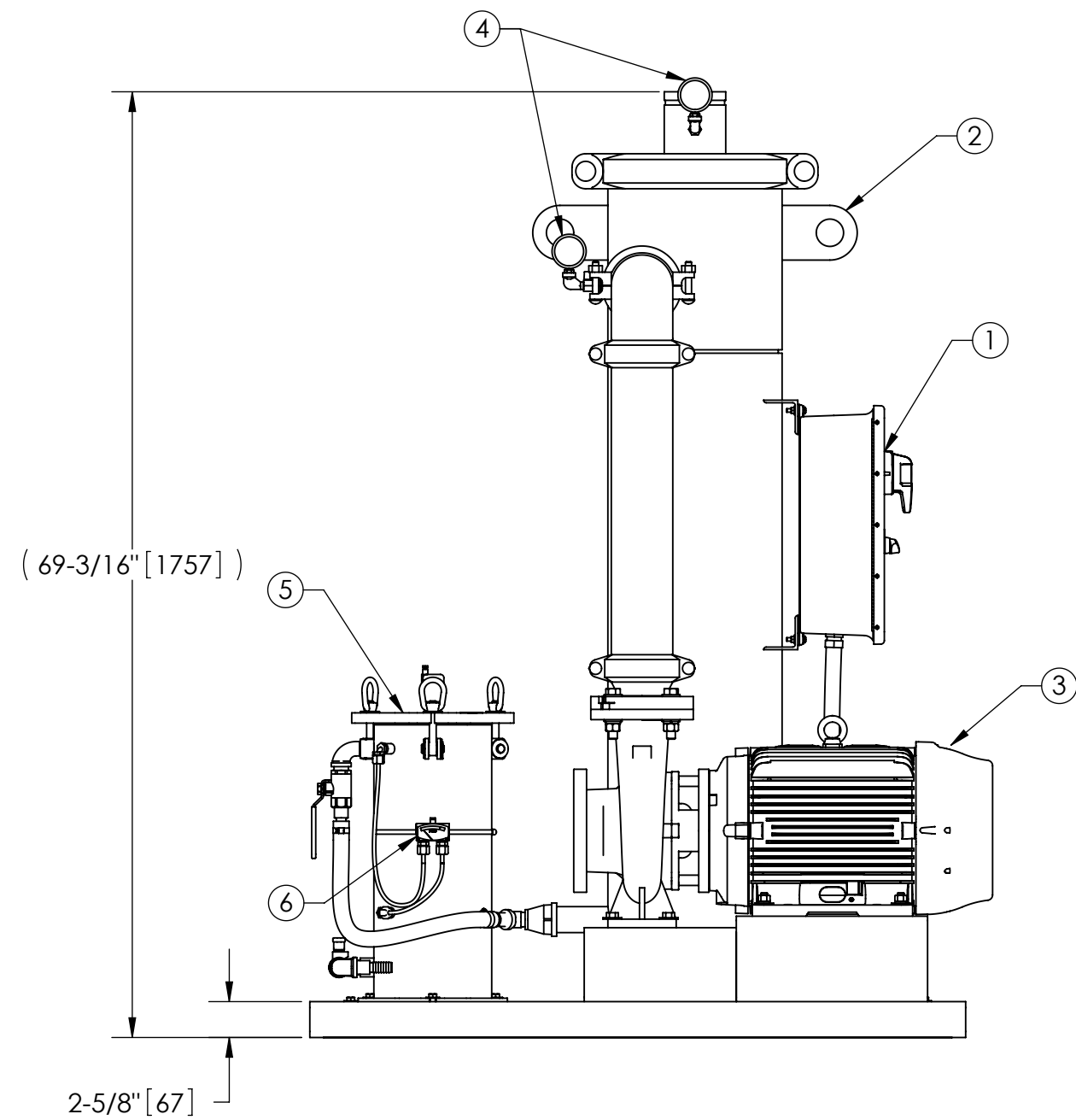
This drawing is submitted for spatial consideration only. Do not pre-plumb to these dimensions.

**NOTES:**

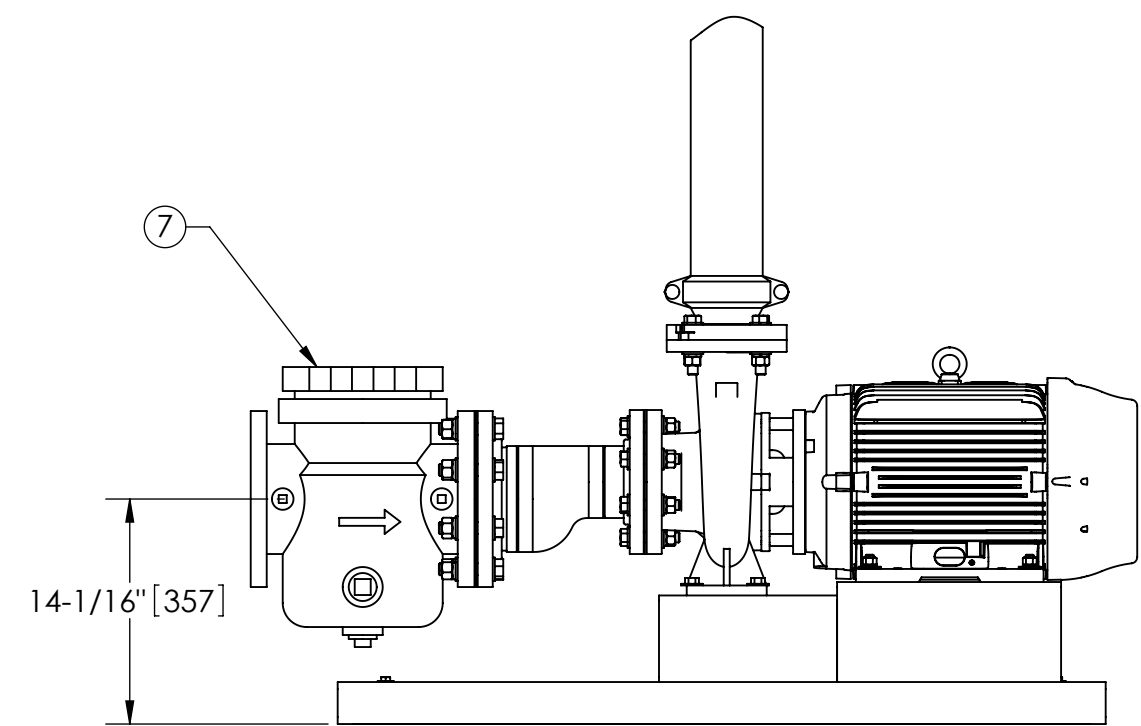
1. INLET IS 6" PIPE (125# ANSI FLANGED).
2. OUTLET IS 4" PIPE (GROOVED).
3. PURGE OUTLET IS 1-1/2" PIPE.
4. MAXIMUM PRESSURE: 150 psi (10.3 bar).
5. MAXIMUM FLUID TEMPERATURE: 140°F (60°C).
6. SPECIFIED FLOWRATE OF 525 gpm (119 m³/hr).
7. FINISH: AS ASSEMBLED.
8. POWER REQUIREMENT: 3/60/460V.
9. NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
10. APPROXIMATE DRY WEIGHT: 1302 lbs (590 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCX-0525 RECOMMENDED.
12. MINIMUM PIPE FROM TOWER BASIN TO TC SYSTEM IS 6" PIPE.
13. FLOODED SUCTION REQUIRED.

**COMPONENT LIST:**

- ① ELECTRICAL CONTROL BOX: 3/60/460V, W/120V TRANSFORMER.
- ② SEPARATOR: HTX-0285-TC.
- ③ PUMP: 20 HP, CENTRIFUGAL, TEFC, 3500 rpm, 3/60/460V.
- ④ INLET/OUTLET PRESSURE GAUGES: 0-160 psi, GLYCERIN-FILLED.
- ⑤ PURGE EQUIPMENT: SRV-816.
- ⑥ DIFFERENTIAL PRESSURE INDICATOR: (AVAILABLE WITH DRY CONTACT-MODEL DEC-100. ORDER SEPARATELY).
- ⑦ BASKET STRAINER.



**FRONT VIEW  
STRAINER HIDDEN**



**FRONT VIEW  
PUMP & STRAINER**

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: INCHES [mm] TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± 1" .XX ± .01 ± 1/4" .XXX ± .005 .XXXX ± .0005	ENGINEERED FOR: <b>STANDARD</b>					
	APPROVALS	DATE				
DO NOT SCALE DRAWING	DRAWN ADJ	5/24/05	TITLE TCX-0525-SRV, TC SYSTEM, SWEEPER HTX-0285, 3/60/460V			
MATERIAL PER LAKOS SPEC	ENGR HSK	5/24/05				
FINISH AS ASSEMBLED	REVIEW -	-	SIZE C	MODEL NO.	DWG NO. <b>115431</b>	REV. G
	WORK ORDER	QTY.	SCALE 1:12	EST. WT. 1302 lb	SHEET 1 OF 1	

DWG. NO. 115431 SHEET 1 REV. G