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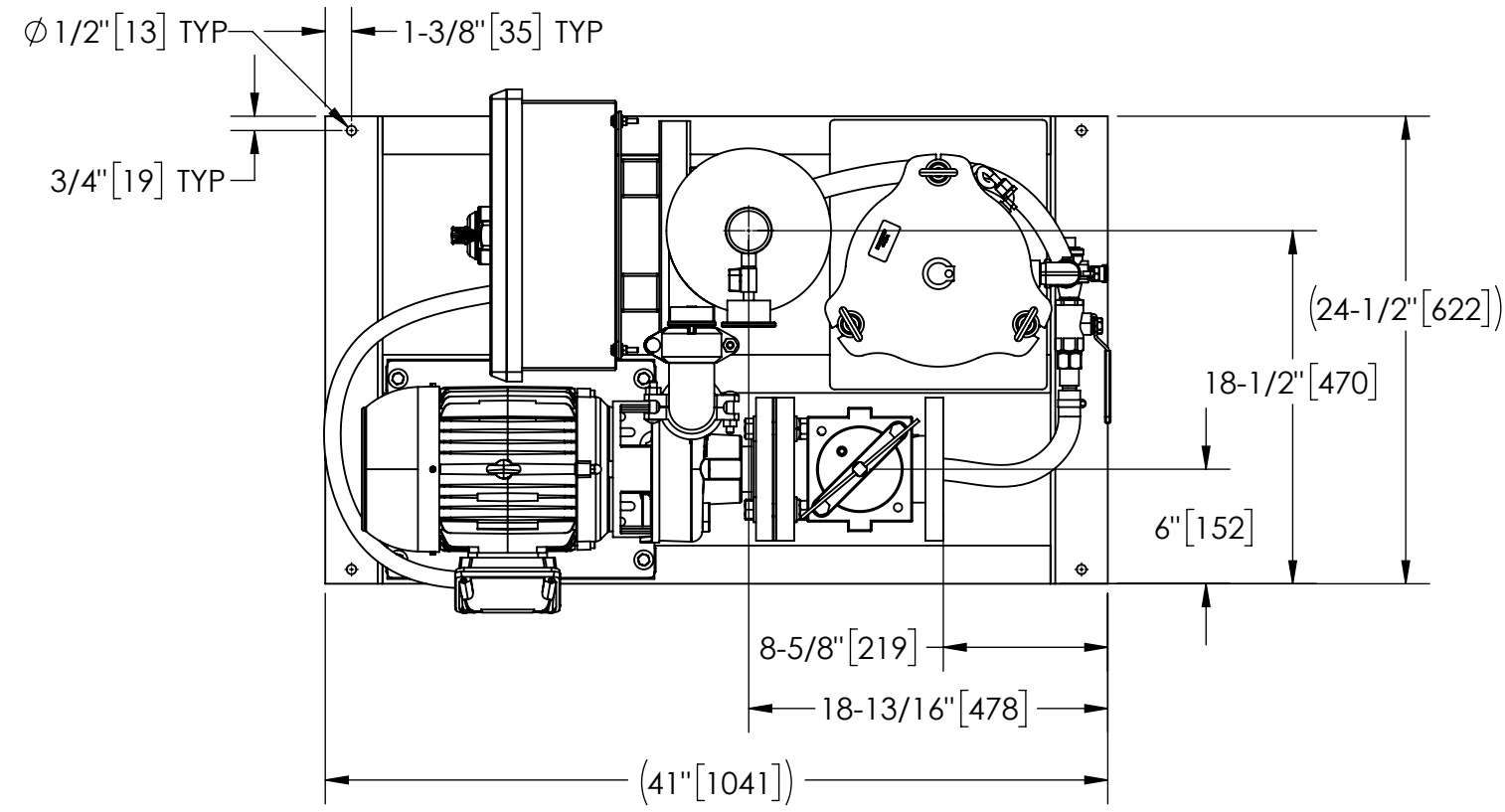
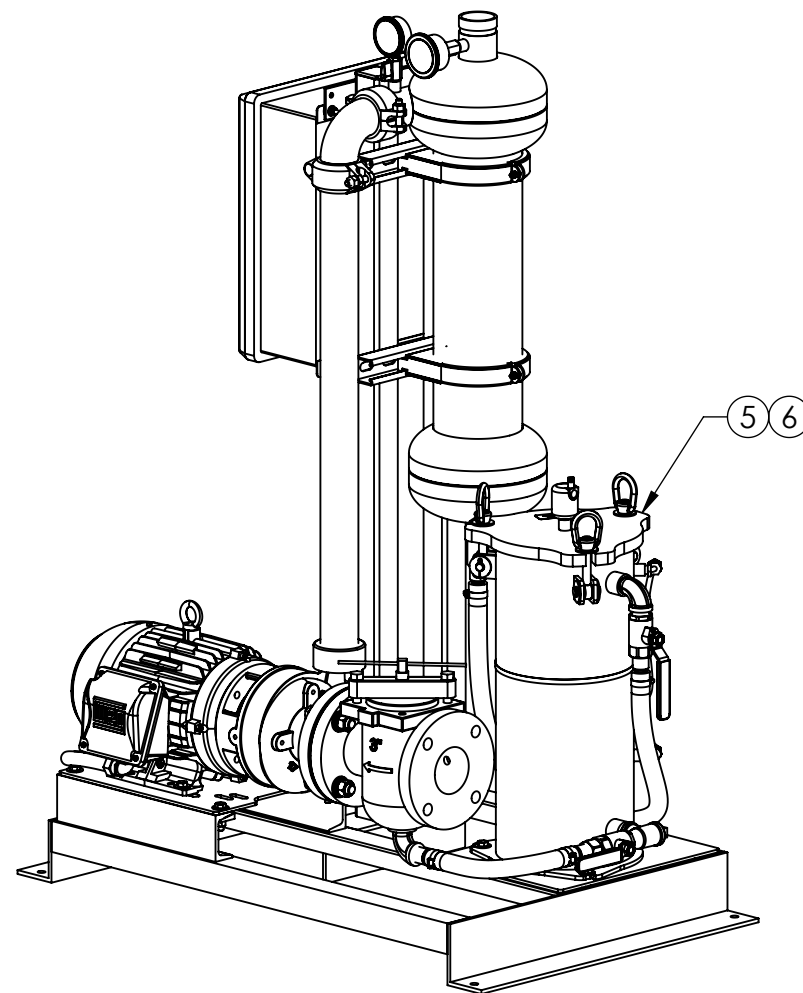
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED

NOTES:

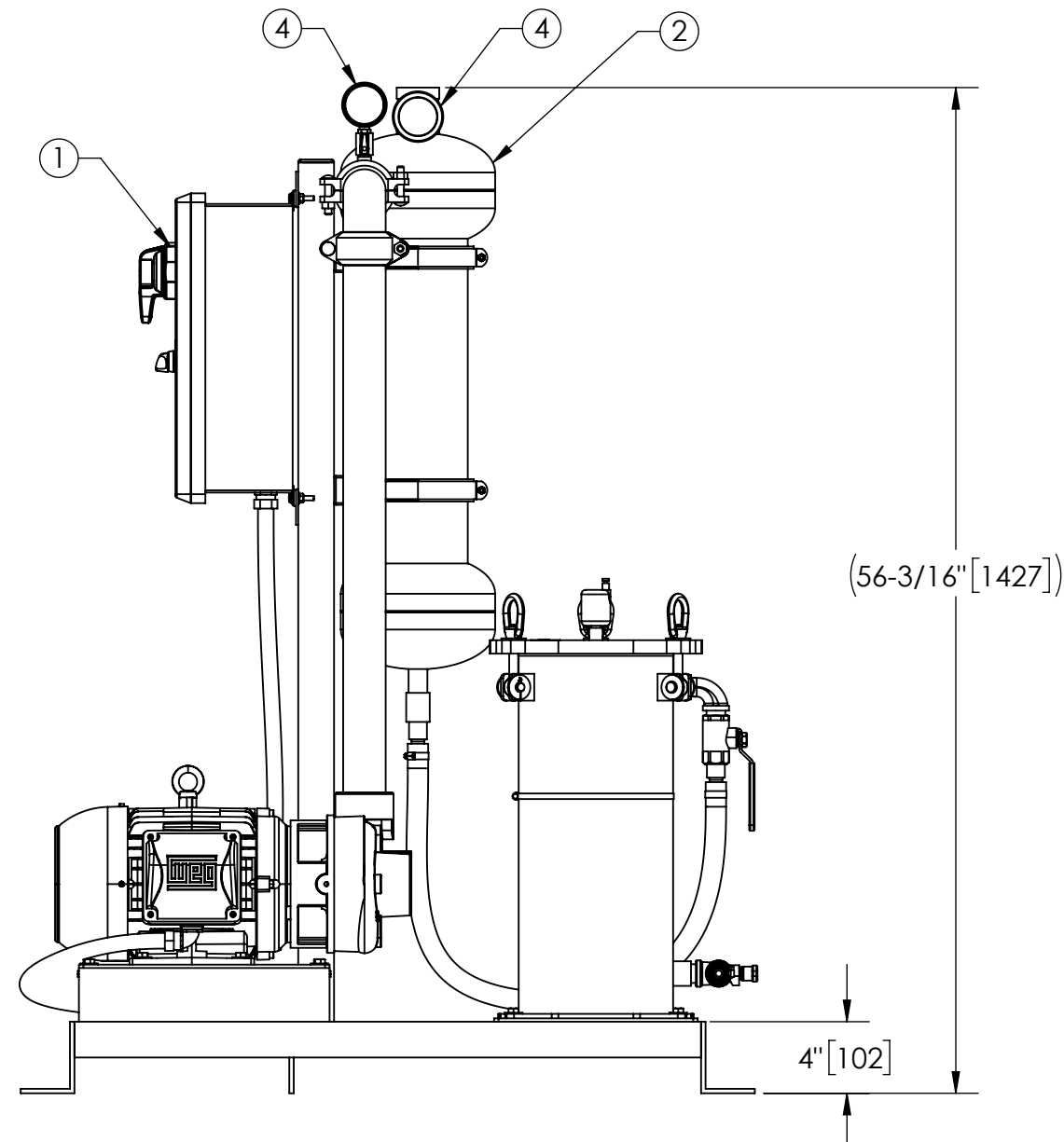
1. INLET IS 3" PIPE (125# ANSI FLANGED).
2. OUTLET IS 2" PIPE (GROOVED).
3. PURGE OUTLET IS 3/4" NPT.
4. MAXIMUM PRESSURE: 150 psi (10.3 bar).
5. MAXIMUM FLUID TEMPERATURE: 140°F (60°C).
6. SPECIFIED FLOWRATE OF 100 gpm (23 m³/hr).
7. FINISH: AS ASSEMBLED.
8. POWER REQUIREMENT: 3/60/460V.
9. NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
10. APPROXIMATE DRY WEIGHT: 451 lbs (205 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCV-0100 RECOMMENDED.
12. MINIMUM PIPE FROM TOWER BASIN TO TC SYSTEM IS 3" PIPE.
13. FLOODED SUCTION REQUIRED.

COMPONENT LIST

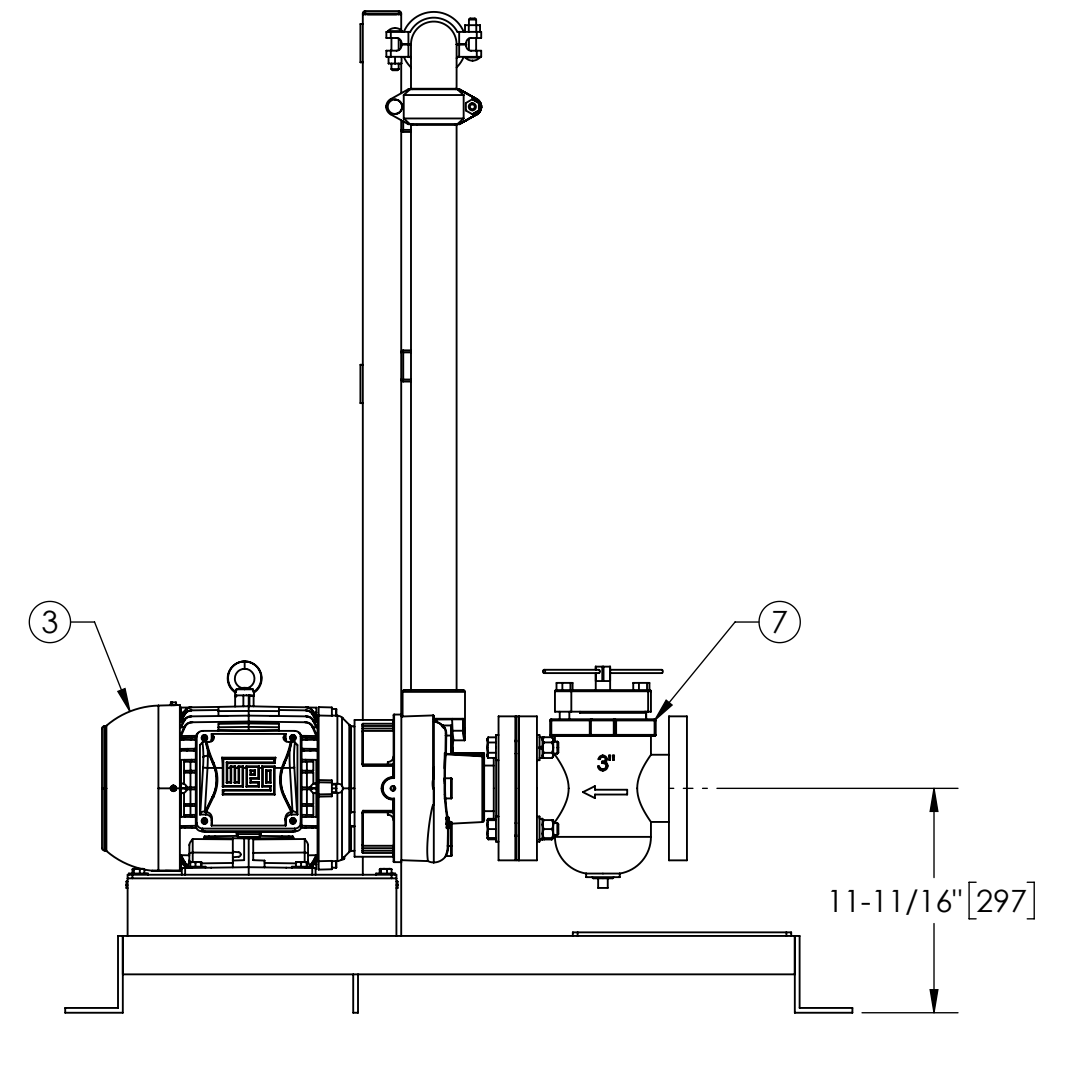
- ① ELECTRICAL CONTROL BOX: 3/60/460V, W/120V TRANSFORMER.
- ② SEPARATOR: ILB-0200.
- ③ PUMP: 5 HP, CENTRIFUGAL, TEFC, 3500 rpm, 3/60/460V.
- ④ INLET/OUTLET PRESSURE GAUGES: 0-160 psi, GLYCERIN-FILLED.
- ⑤ PURGE EQUIPMENT: SRV-816.
- ⑥ DIFFERENTIAL PRESSURE INDICATOR: (AVAILABLE WITH DRY CONTACT MODEL DEC-100. ORDER SEPARATELY).
- ⑦ BASKET STRAINER.



TOP VIEW



FRONT VIEW
STRAINER HIDDEN



FRONT VIEW
PUMP & STRAINER

CONCEPTUAL DRAWING

This drawing is submitted for spatial & illustrative purposes only. Do not pre-plumb to these dimensions. Submittal drawings available upon request.

SYSTEM MODELS	
POWER REQUIREMENT	SYSTEM PART NO.
3/60/208V	187688-208
3/60/230V	187688-230
3/60/460V	187688-460
3/60/575V	187688-575
OTHER	SEE FACTORY

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: INCHES (mm) TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± 1" .XX ± .01 ± 1/4" XXX ± .005 XXXX ± .0005		ENGINEERED FOR: STANDARD			
DO NOT SCALE DRAWING	APPROVALS	DATE	TITLE		
MATERIAL PER LAKOS SPEC	DRAWN AAM	2/1/24	TCI-0100-SRV/CS SKID, TC SYSTEM, SWEEPER ILB-0200, 3/60/460V		
FINISH AS ASSEMBLED	ENGR -	-	SIZE C	MODEL NO.	DWG NO. 187688
	REVIEW -	-	SCALE 1:10	EST. WT. 451 lb	REV. A
	WORK ORDER	QTY.		SHEET 1 OF 1	

DWG NO. 187688

SHT 1 REV. A