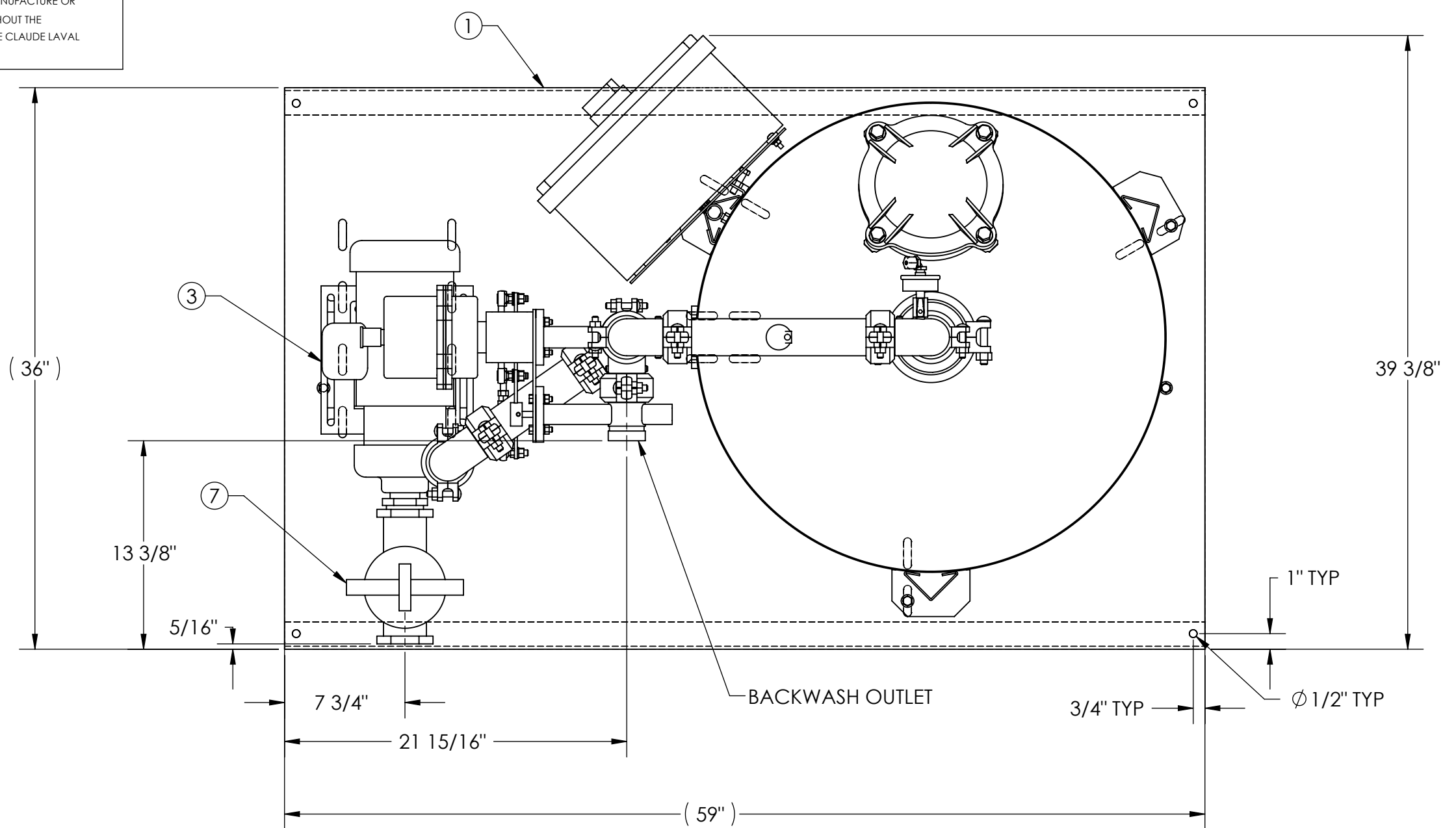


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REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED

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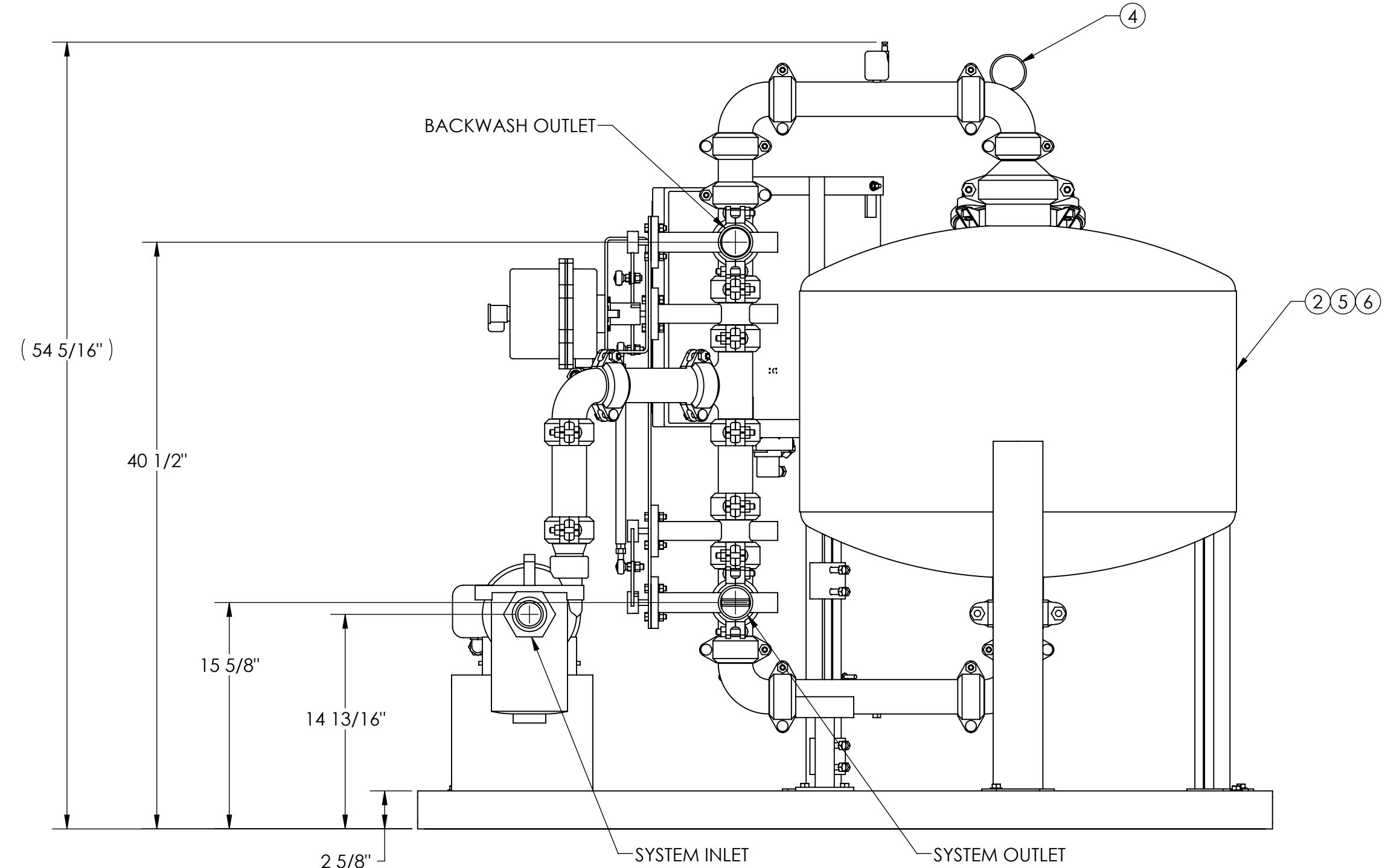


**NOTES:**

- INLET IS 2" PIPE (NPT).
- OUTLET IS 2" PIPE (GROOVED).
- BACKWASH IS 2" PIPE (GROOVED).
- MAXIMUM PRESSURE: 100 psi (6.9 bar).
- MAXIMUM TEMPERATURE: 100°F (37.8°C).
- SPECIFIED MAXIMUM FLOWRATE OF 110 gpm (25 m<sup>3</sup>/hr).
- SPECIFIED MINIMUM BACKWASH FLOWRATE OF 73 gpm (17 m<sup>3</sup>/hr).
- FINISH: AS ASSEMBLED.
- POWER REQUIREMENT: 460V, 3PH, 60Hz.
- NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT, H.O.A. SWITCH, 24 HR BACKWASH TIMER, AND BACKWASH CYCLE TIMER.
- APPROXIMATE DRY WEIGHT (INCLUDING 500 lbs SAND): 1088 lbs (494 kg).
- MINIMUM PIPE SIZE TO STS SYSTEM IS 2-1/2" PIPE.
- FLOODED SUCTION REQUIRED.

**COMPONENT LIST:**

- ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- MEDIA TANK: 30" DIAMETER STAINLESS STEEL FILTER.
- PUMP: 2 HP CENTRIFUGAL, 3500 rpm, TEFC, 460V, 60Hz, CAST IRON.
- INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
- MEDIA: 10 MICRON AT 95% EFFICIENCY - STANDARD  
5 MICRON AT 90% EFFICIENCY - OPTIONAL
- UNDERDRAIN: S/40 PVC HEADER, PVC INTERNALLY SLOTTED WELL SCREEN.
- BASKET STRAINER, CAST IRON.



**SUBMITTAL DRAWING**

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

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		
DO NOT SCALE DRAWING		APPROVALS	DATE	TITLE				
MATERIAL		DRAWN	2/3/06	STS-30-110-A-S, SS MEDIA SYSTEM, SYSTEM BW, AUTO, 460V 60HZ				
FINISH		ENGR	-	SIZE		MODEL NO.	DWG NO.	REV.
AS ASSEMBLED		MFG	-	C			117978	E
		WORK ORDER	-	SCALE		EST. WT.	SHEET	
				1:8		588 lb	1 OF 1	

DWG NO. 117978  
SHEET 1  
REV. E