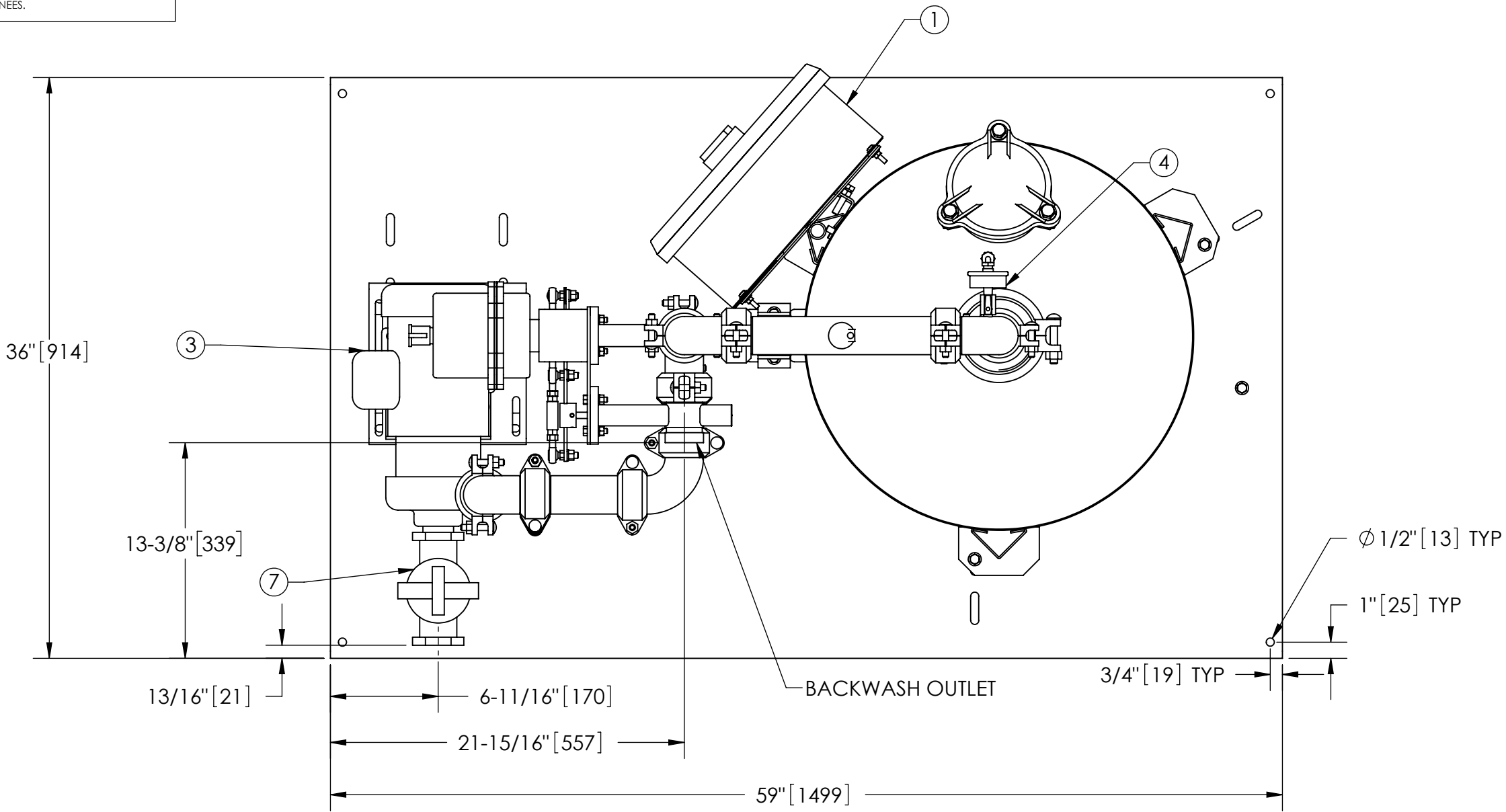


EXCEPT AS OTHERWISE PROVIDED BY CONTRACT, THIS DRAWING AND SPECIFICATIONS SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR MANUFACTURE OR SALE OF MATTER DEPICTED HEREIN WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE CLAUDE LAVAL CORPORATION, OR ITS ASSIGNEES.

REVISIONS				
ECN	REV.	DESCRIPTION	DATE	APPROVED
	A	RELEASED SUBMITTAL DRAWING	6/17/09	ADJ

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.

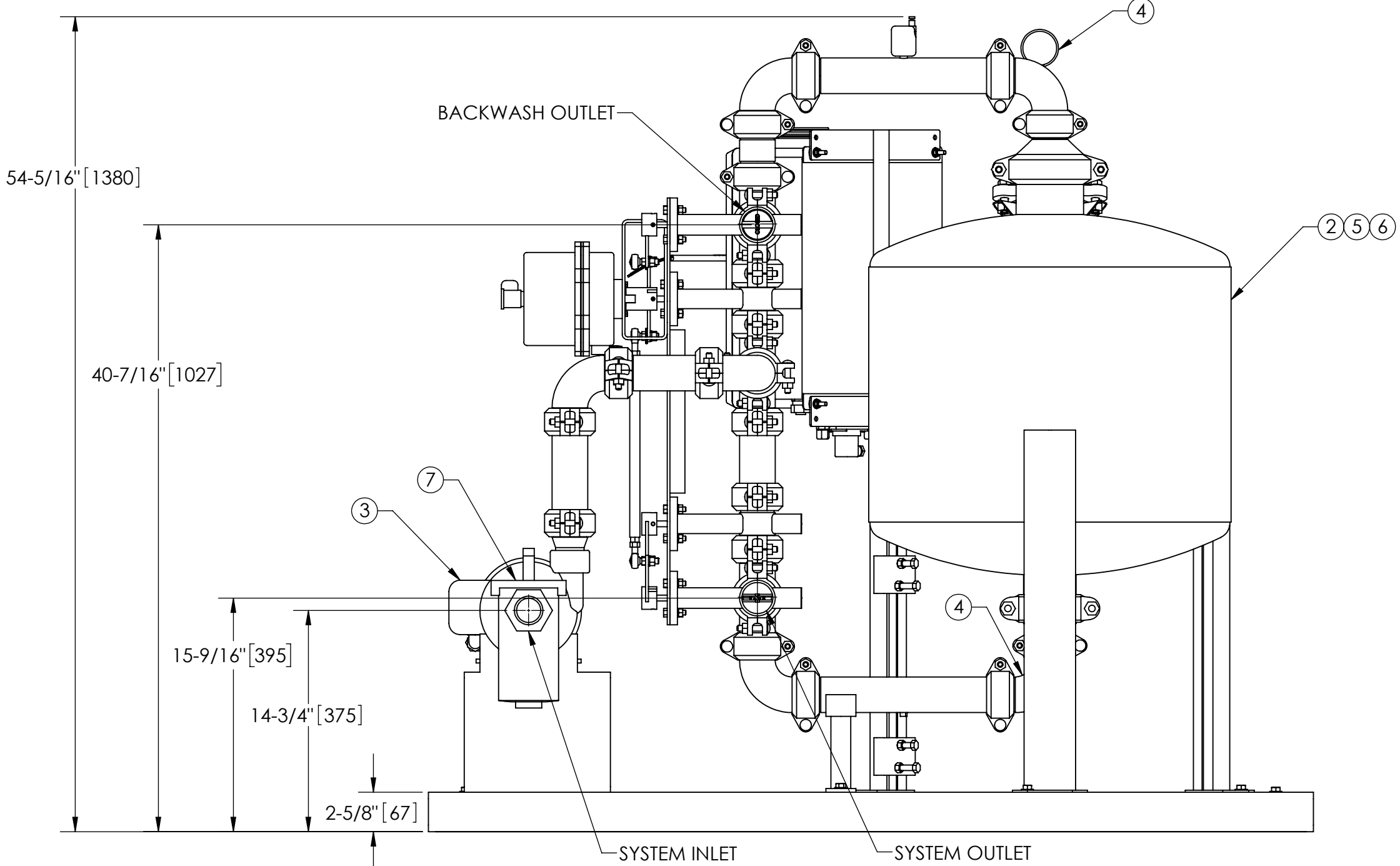


NOTES:

1. INLET IS 1-1/2" PIPE (NPT).
2. OUTLET IS 2" PIPE (GROOVED).
3. BACKWASH IS 2" PIPE (GROOVED).
4. MAXIMUM PRESSURE: 100 psi (6.9 bar).
5. MAXIMUM TEMPERATURE: 100°F (37.8°C).
6. SPECIFIED MAXIMUM FLOWRATE OF 75 gpm (17 m³/hr).
7. SPECIFIED MINIMUM BACKWASH FLOWRATE OF 40 gpm (9 m³/hr).
8. FINISH: AS ASSEMBLED.
9. POWER REQUIREMENT: 208V, 3PH, 60Hz.
10. NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT, H.O.A. SWITCH, 24 HR BACKWASH TIMER, AND BACKWASH CYCLE TIMER.
11. APPROXIMATE DRY WEIGHT (INCLUDING 450 lbs SAND): 1024 lbs (464 kg).
12. MINIMUM PIPE SIZE TO STS SYSTEM IS 2-1/2" PIPE.
13. FLOODED SUCTION REQUIRED.

COMPONENT LIST:

1. ELECTRICAL CONTROL BOX 208V 60Hz W/120V TRANSFORMER.
2. MEDIA TANK: 24" DIAMETER STAINLESS STEEL FILTER.
3. PUMP: 1.5 HP CENTRIFUGAL, 3500 rpm, TEFC, 208V, 60Hz, CAST IRON.
4. INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
5. MEDIA: 10 MICRON AT 95% EFFICIENCY - STANDARD  
5 MICRON AT 90% EFFICIENCY - OPTIONAL
6. UNDERDRAIN: S/40 PVC HEADER, PVC INTERNALLY SLOTTED WELL SCREEN.
7. 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" .XX ± .01 ± 1/4" .XXX ± .005 .XXXX ± .0005		ENGINEERED FOR: <b>STS-208V</b>		CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM		LAVAL UNDERGROUND SURVEYS	
DO NOT SCALE DRAWING		APPROVALS	DATE	TITLE			
MATERIAL PER LAKOS SPEC.		ENGR	-	STS-24-075-A-S/208V, SS MEDIA SYSTEM, SYSTEM BW, AUTO, 3/60/208V			
FINISH AS ASSEMBLED		MFG	-	SIZE	MODEL NO.	DWG NO.	REV.
		WORK ORDER	QTY.	C		130469	A
				SCALE	1:8	EST. WT.	574 lb
						SHEET	1 OF 1

DWG. NO. 130469 REV. A