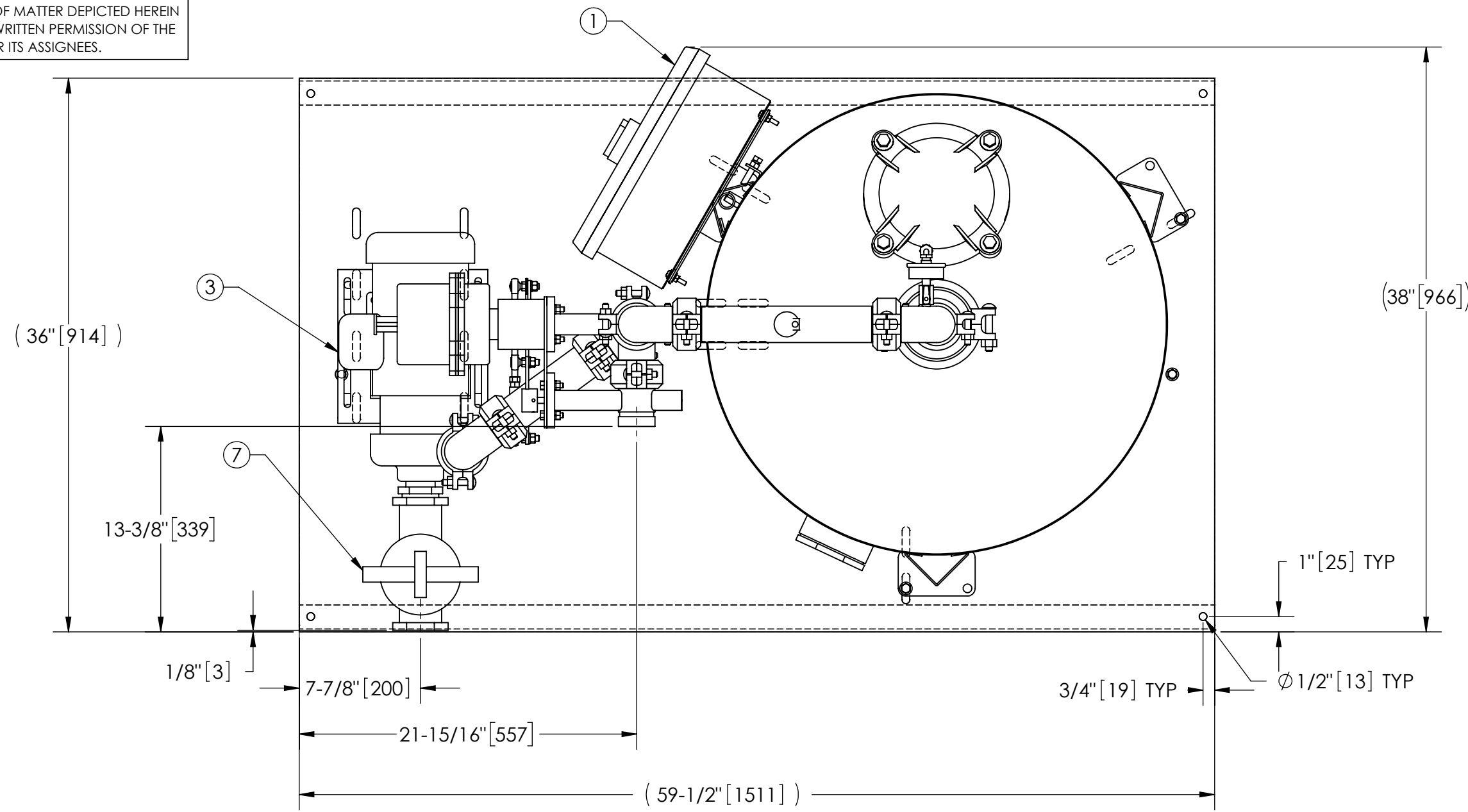


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REVISION HISTORY				
ECN	REV	DESCRIPTION	DATE	APPROVED
408	G	UPDATED TANK	11/24/20	TPF

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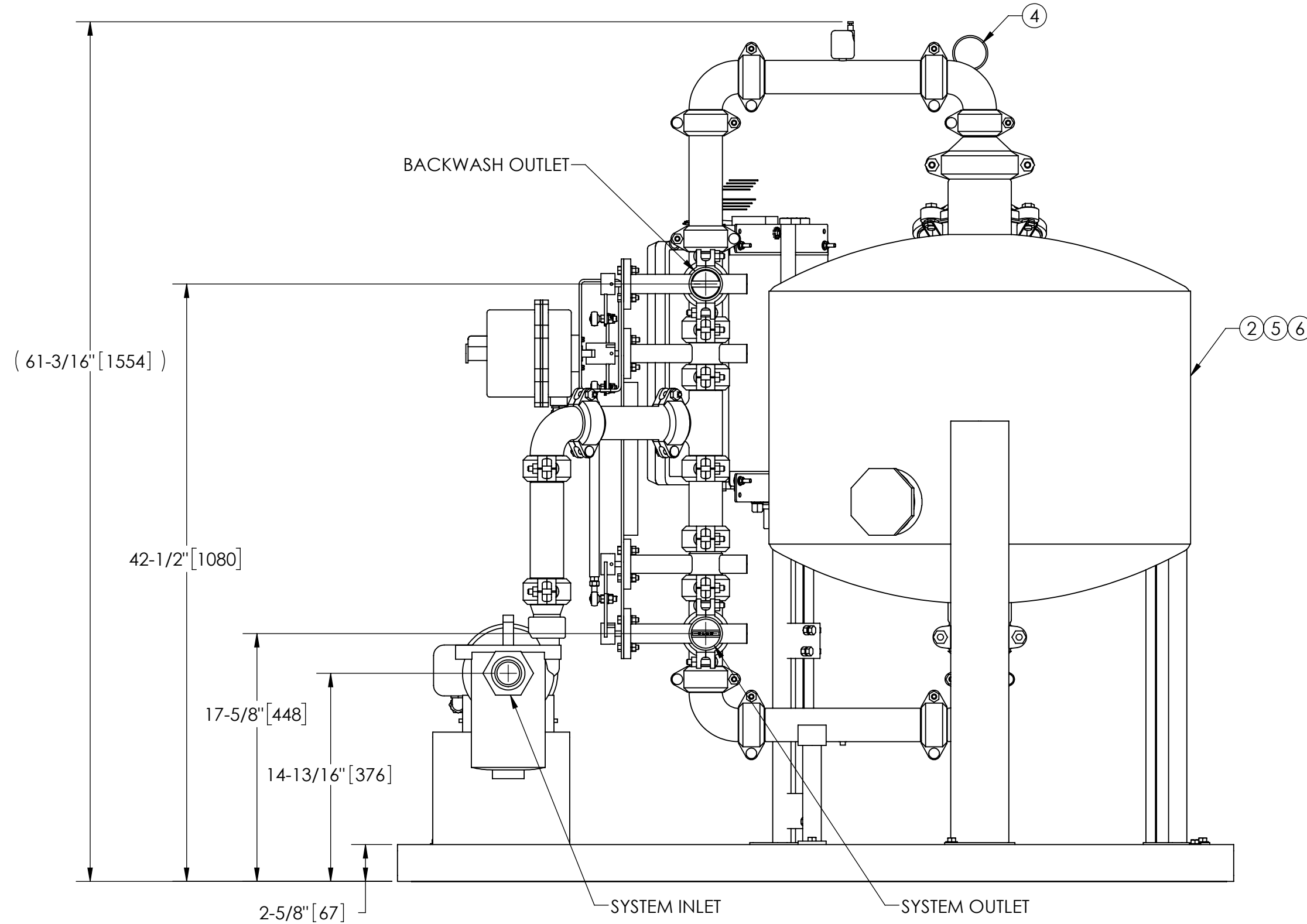


NOTES:

- 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 m³/hr).
- SPECIFIED MINIMUM BACKWASH FLOWRATE OF 73 gpm (17 m³/hr).
- FINISH: AS ASSEMBLED.
- POWER REQUIREMENT: 3/60/460V.
- NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT, H.O.A. SWITCH, 24 HR BACKWASH TIMER, AND BACKWASH CYCLE TIMER.
- APPROXIMATE DRY WEIGHT (INCLUDING 160 lbs GRAVEL & 500 lbs SAND): 1339 lbs (607 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: STAINLESS STEEL UNDERDRAIN, STAINLESS STEEL ELEMENTS W/ V-SHAPED SLOTS.
- 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>STANDARD</b>			
DO NOT SCALE DRAWING		APPROVALS	DATE	TITLE	
MATERIAL PER LAKOS SPEC		DRAWN ADJ/DLW	4/11/06	STS-30-110-A-S, SS MEDIA SYSTEM, SYSTEM BW, AUTO, 460V 60HZ	
FINISH AS ASSEMBLED		ENGR	-	SIZE C	MODEL NO.
WORK ORDER		REVIEW	-	DWG NO.	117978
		QTY.	-	EST. WT.	679 lb
				SHEET	1 OF 1

DWG NO. 117978 SHEET 1 REV. G