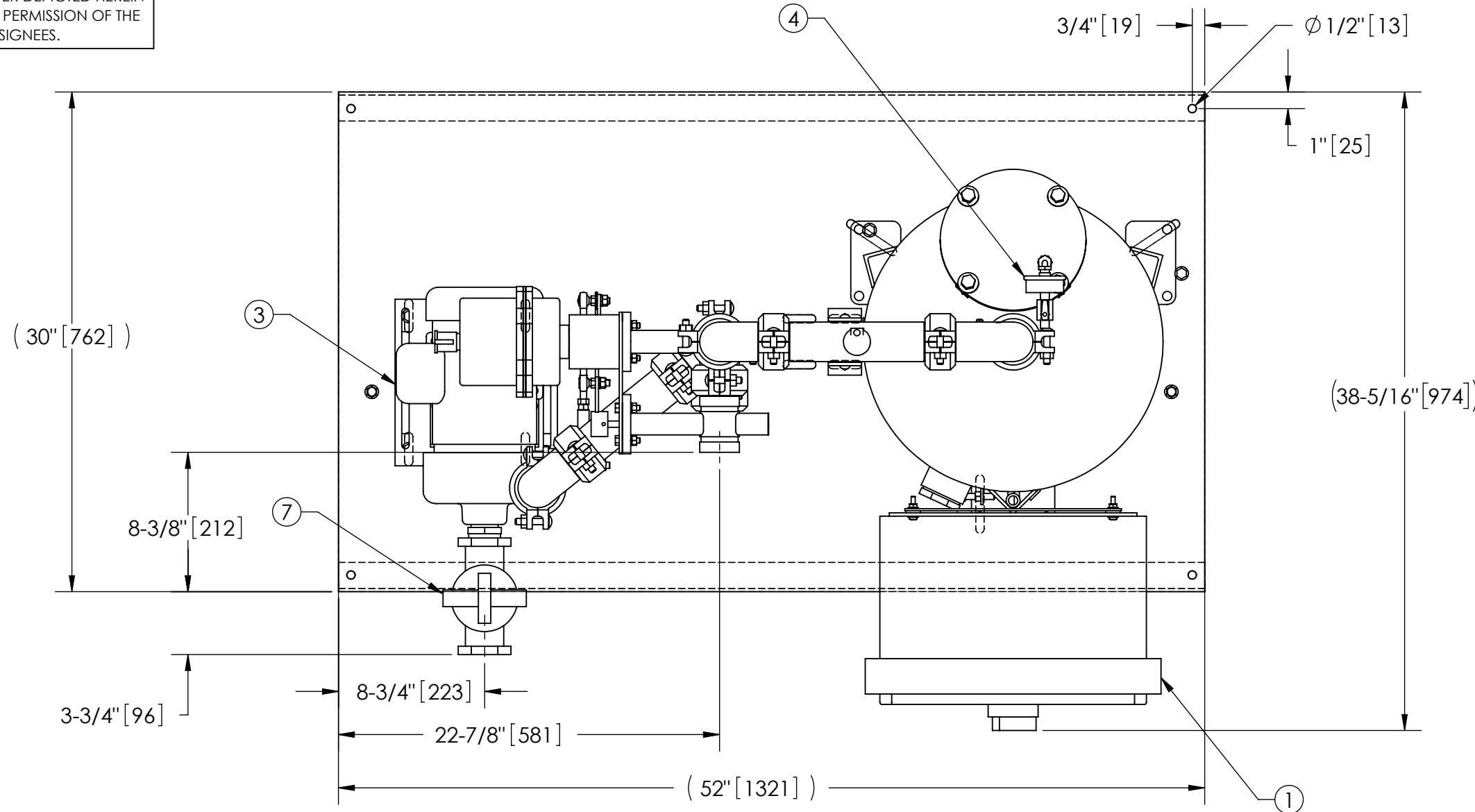


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REVISION HISTORY				
ECN	REV	DESCRIPTION	DATE	APPROVED
408	C	UPDATED TANK	5/20/21	TPF

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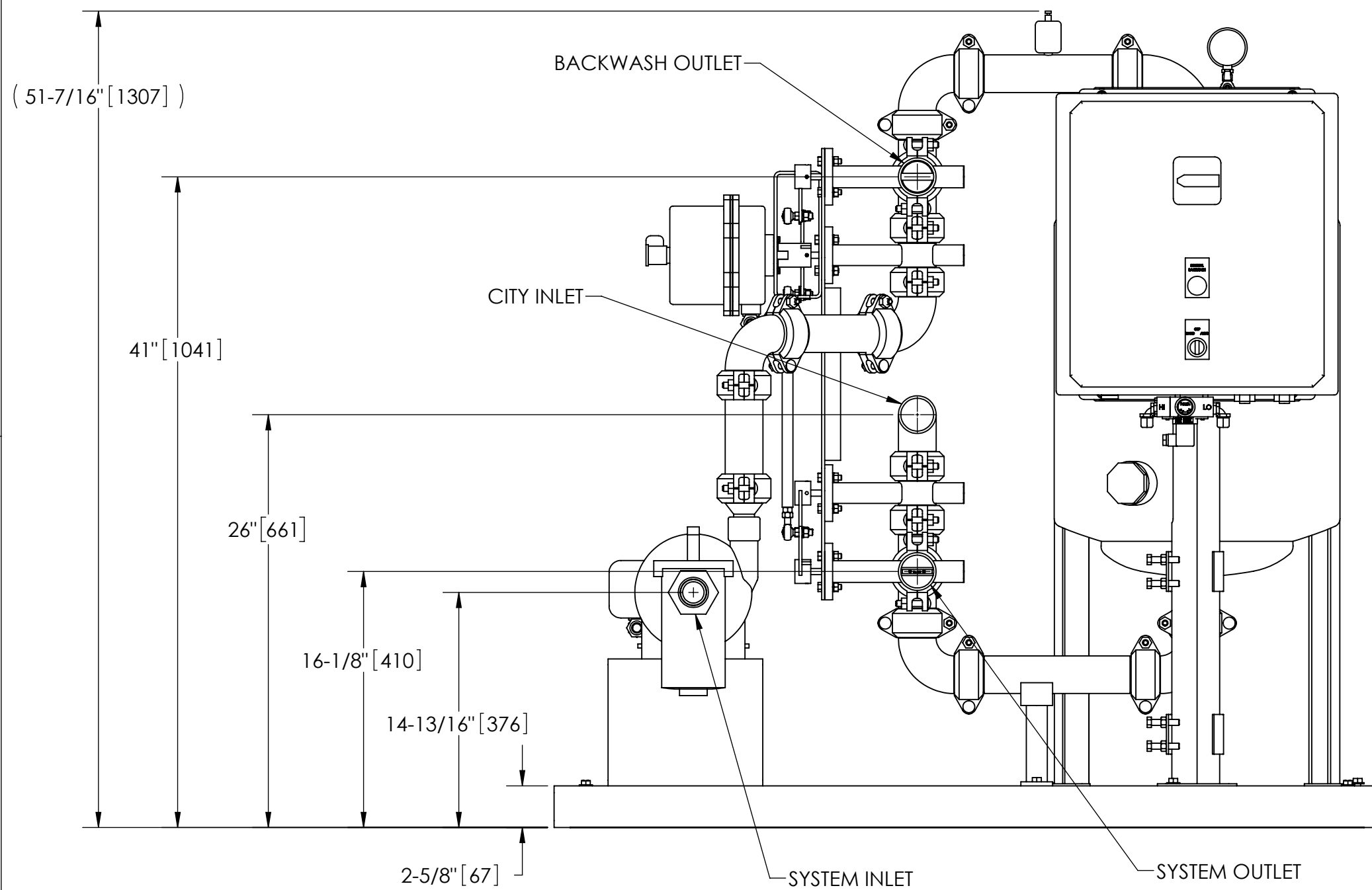


NOTES:

- INLET IS 1-1/2" 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 45 gpm (10 m³/hr).
- SPECIFIED MINIMUM BACKWASH FLOWRATE OF 27 gpm (6 m³/hr).
- FINISH: AS ASSEMBLED.
- POWER REQUIREMENT: 3/60/208V.
- NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT, PLC, H.O.A. SWITCH, 24 HR BACKWASH TIMER, AND BACKWASH CYCLE TIMER.
- APPROXIMATE DRY WEIGHT (INCLUDING 80 lbs GRAVEL & 200 lbs SAND): 729 lbs (331 kg).
- MINIMUM PIPE SIZE TO STS SYSTEM IS 1-1/2" PIPE.
- FLOODED SUCTION REQUIRED.

COMPONENT LIST:

- ELECTRICAL CONTROL BOX 208V, 3PH, 60Hz W/120V TRANSFORMER.
- MEDIA TANK: 18" DIAMETER STAINLESS STEEL FILTER.
- PUMP: 1 HP CENTRIFUGAL, 3500 rpm, TEFC, 208V, 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: 208V			
DO NOT SCALE DRAWING		APPROVALS	DATE	TITLE	
MATERIAL PER LAKOS SPEC		DRAWN ADJ	6/10/08	STS-18-045-A-C/208V, SS MEDIA SYSTEM	
FINISH AS ASSEMBLED		ENGR ADJ	6/10/08	CITY BW, AUTO, 3/60/208V	
SCALE 1:8		REVIEW -	-	SIZE C	MODEL NO.
		WORK ORDER	QTY.	DWG NO. 129414	REV. C
				EST. WT. 449 lb	SHEET 1 OF 1

DWG NO. 129414  
SHEET 1  
REV. C