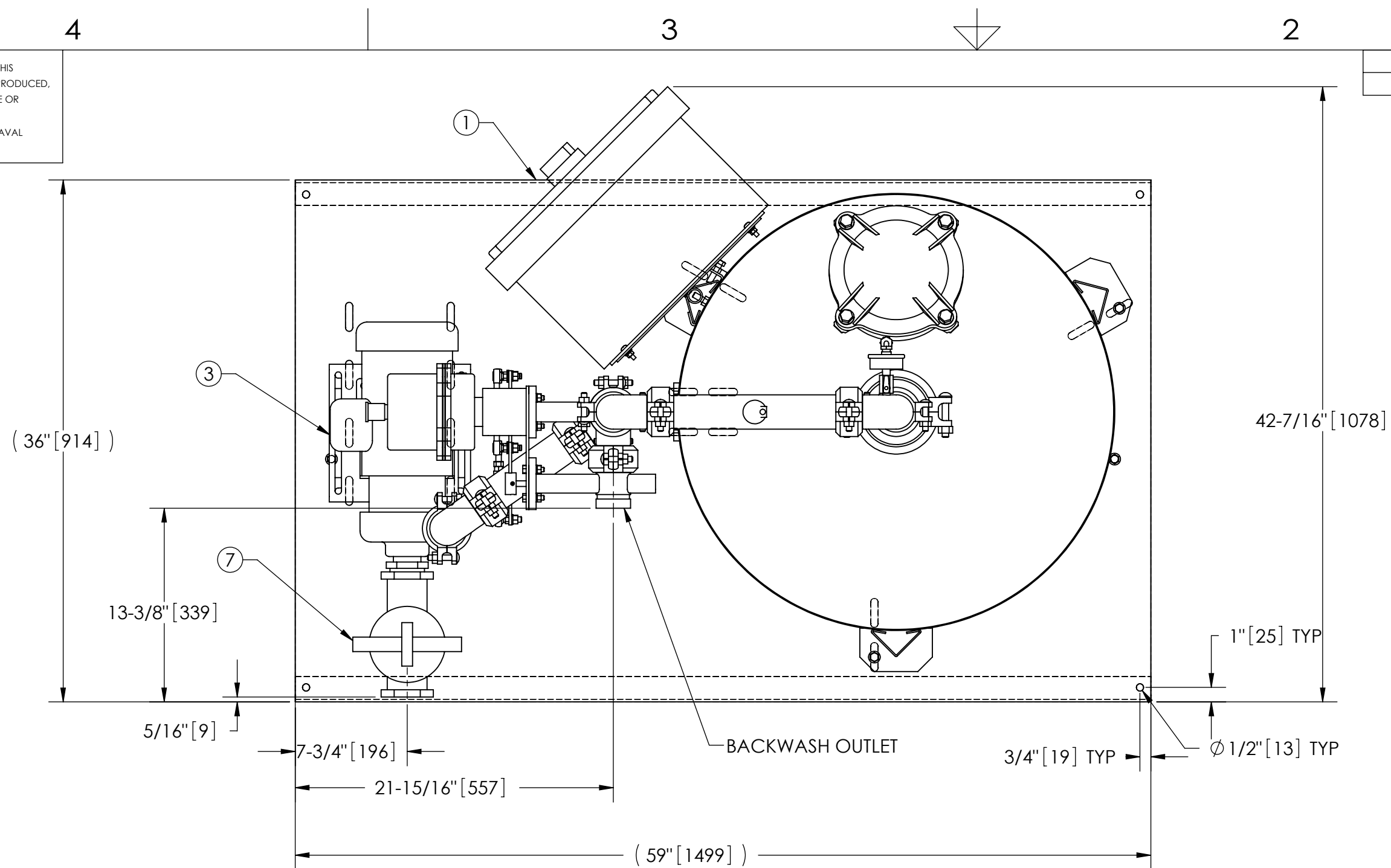


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REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED

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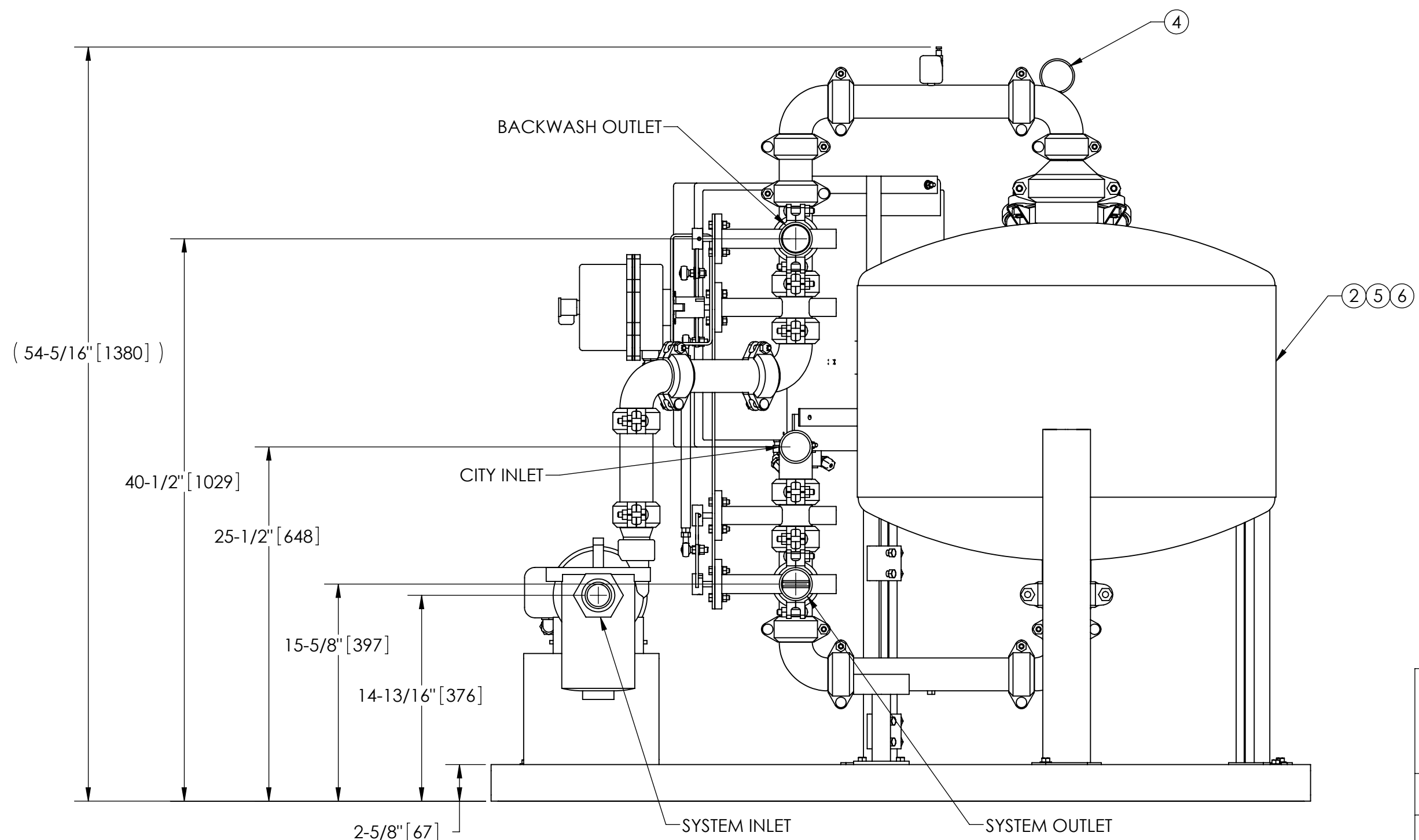


NOTES:

1. INLET IS 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 110 gpm (25 m³/hr).
7. SPECIFIED MINIMUM BACKWASH FLOWRATE OF 73 gpm (17 m³/hr).
8. FINISH: AS ASSEMBLED.
9. POWER REQUIREMENT: 460V, 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 500 lbs SAND): 1121 lbs (508 kg).
12. MINIMUM PIPE SIZE TO STS SYSTEM IS 2-1/2" PIPE.
13. FLOODED SUCTION REQUIRED.

COMPONENT LIST:

- 1 ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- 2 MEDIA TANK: 30" DIAMETER STAINLESS STEEL FILTER.
- 3 PUMP: 2 HP CENTRIFUGAL, 3500 rpm, TEFC, 460V, 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: 3/40 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 ± 1/2" .XX ± .01 ± 1/4" XXX ± .005 XXXX ± .0005		ENGINEERED FOR: STANDARD		CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM		LAVAL UNDERGROUND SURVEYS		
DO NOT SCALE DRAWING		APPROVALS	DATE	TITLE				
MATERIAL		DRAWN	6/13/08	STS-30-110-A-C, SS MEDIA SYSTEM, CITY BW, AUTO, 460V 60HZ				
FINISH		ENGR	-	SIZE		MODEL NO.	DWG NO.	REV.
AS ASSEMBLED		MFG	-	C			117945	01
		WORK ORDER	-	SCALE		EST. WT.	SHEET	
				1:8		621 lb	1 OF 1	

DWG NO. 117945 SHEET 1 REV. 01