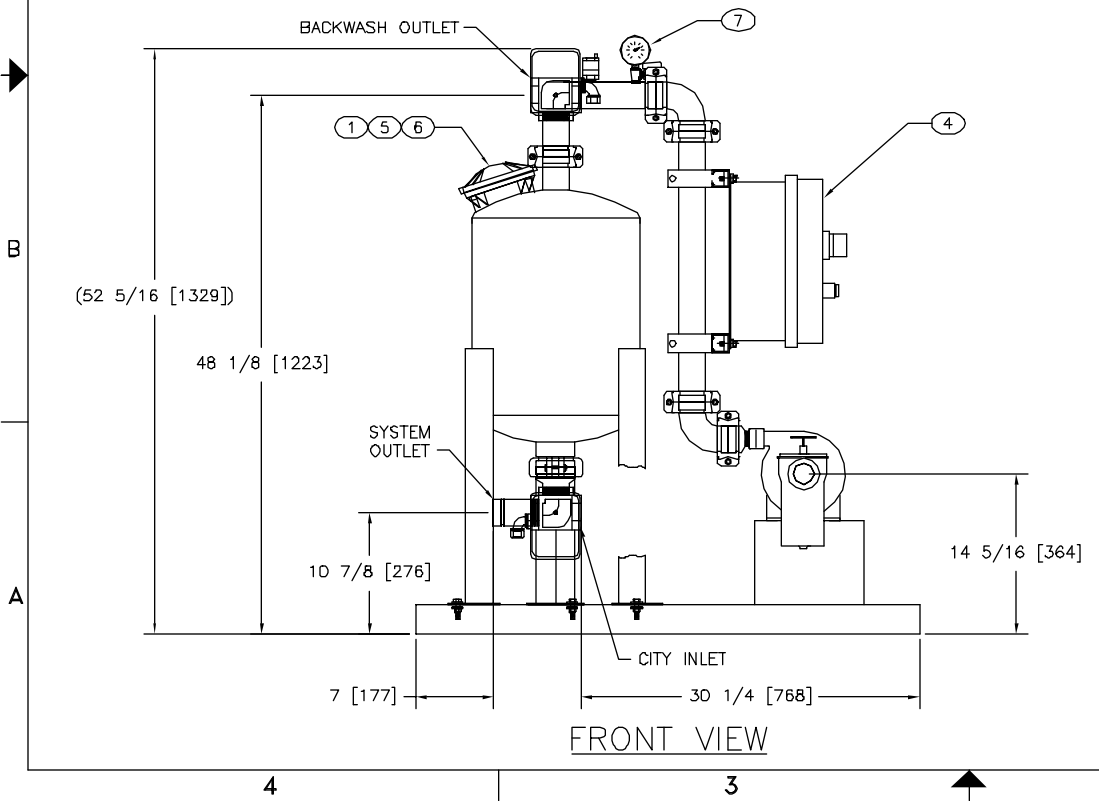
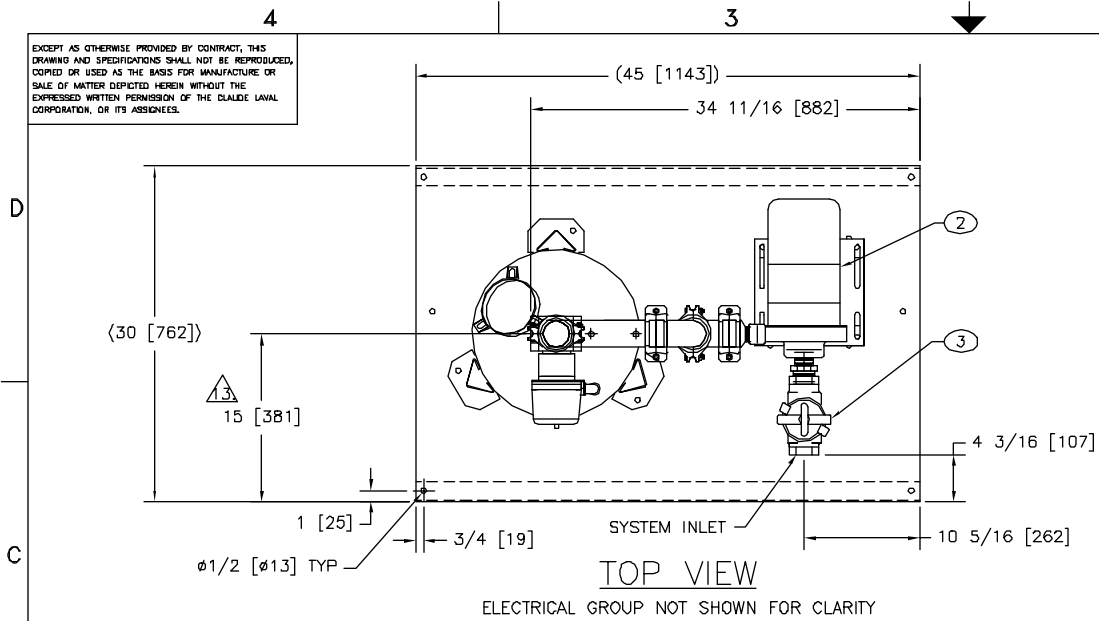


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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
-	A	UPDATED FLOW RATES	7/2/03	NAC
-	B	NEW VALVES AND LAYOUT	11/10/03	NAC

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" (FNPT).
2. OUTLET IS 2" (GROOVED).
3. BACKWASH IS 2" (FNPT).
4. MAXIMUM PRESSURE: 100 psi (6.9 bar).
5. MAXIMUM TEMPERATURE: 100°F (37.8°C).
6. SPECIFIED MAXIMUM FLOWRATE OF 25 gpm (6 m<sup>3</sup>/hr).
7. SPECIFIED MINIMUM BACKWASH FLOW RATE OF 18 gpm (4 m<sup>3</sup>/hr).
8. POWER REQUIREMENT: 460V, 3PH, 60HZ
9. NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT, H.O.A. SWITCH, 24 HR BACKWASH TIMER AND BACKWASH CYCLE TIMER.
10. APPROXIMATE DRY WEIGHT: 385 lbs (175 kg).
11. MINIMUM PIPE SIZE TO STS SYSTEM INLET IS 2".
12. FLOODED SUCTION REQUIRED.
13. DIM APPLICABLE TO BOTH OUTLET & BACKWASH DRAIN.
14. FINISHED: AS ASSEMBLED

- ① MEDIA TANK: 15" DIAMETER STAINLESS STEEL FILTER.
- ② PUMP: 1/2 HP CENTRIFUGAL, CAST IRON, TEFC, 3500 rpm.
- ③ STRAINER: CAST IRON BASKET STRAINER.
- ④ ELECTRICAL CONTROL BOX: 460V 60HZ W/115V TRANSFORMER.
- 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 INLET/OUTLET PRESSURE GAUGES: 0-100 PSI, GLYCERIN-FILLED.

**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" ± .005 ± 1/4" DO NOT SCALE DRAWING	DESIGNED FOR: STANDARD	LAKOS CLAUDE LAVAL CORP. 1365 N. CLOVIS AVE. FRESNO, CALIFORNIA 93727	LAKOS UNDERDRAIN SUPPORTS
	APPROVALS		
MATERIAL SEE LAKOS SPEC	DRAWN NAC	4/8/02	TITLE STS-15-025-A-C, SS MEDIA SYSTEM CITY BW, AUTO, 460V 60HZ
FINISH AS ASSEMBLED	REVISED 12/8/03	SIZE C	MODEL NO. 117973
WORK ORDER	QTY.	SCALE 1/8"	SHEET 1 OF 1

DWG NO. 117973  
REV. 1  
REV. B  
A