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REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED

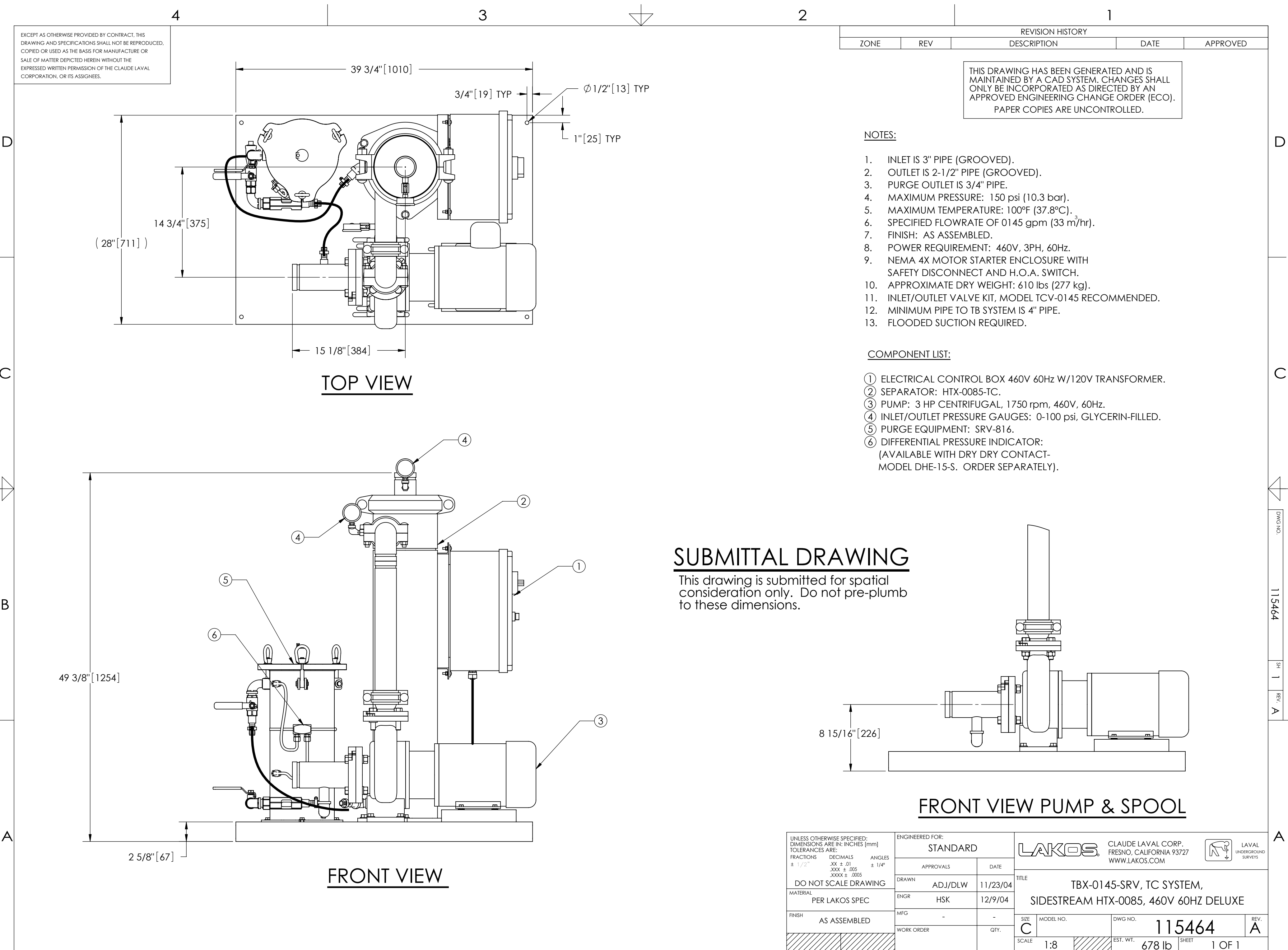
THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY AN APPROVED ENGINEERING CHANGE ORDER (ECO). PAPER COPIES ARE UNCONTROLLED.

**NOTES:**

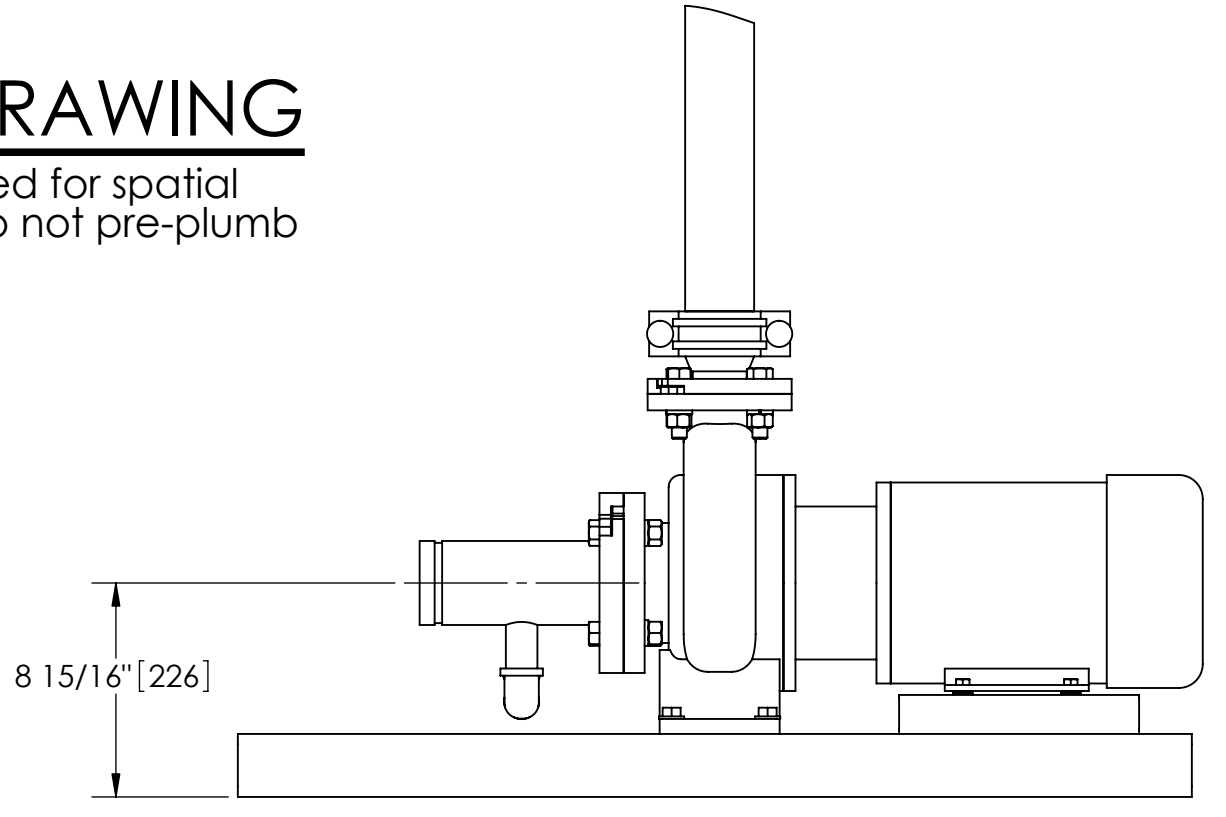
1. INLET IS 3" PIPE (GROOVED).
2. OUTLET IS 2-1/2" PIPE (GROOVED).
3. PURGE OUTLET IS 3/4" PIPE.
4. MAXIMUM PRESSURE: 150 psi (10.3 bar).
5. MAXIMUM TEMPERATURE: 100°F (37.8°C).
6. SPECIFIED FLOWRATE OF 0145 gpm (33 m<sup>3</sup>/hr).
7. FINISH: AS ASSEMBLED.
8. POWER REQUIREMENT: 460V, 3PH, 60Hz.
9. NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
10. APPROXIMATE DRY WEIGHT: 610 lbs (277 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCV-0145 RECOMMENDED.
12. MINIMUM PIPE TO TB SYSTEM IS 4" PIPE.
13. FLOODED SUCTION REQUIRED.

**COMPONENT LIST:**

- ① ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- ② SEPARATOR: HTX-0085-TC.
- ③ PUMP: 3 HP CENTRIFUGAL, 1750 rpm, 460V, 60Hz.
- ④ INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
- ⑤ PURGE EQUIPMENT: SRV-816.
- ⑥ DIFFERENTIAL PRESSURE INDICATOR: (AVAILABLE WITH DRY DRY CONTACT-MODEL DHE-15-S. ORDER SEPARATELY).



**SUBMITTAL DRAWING**  
 This drawing is submitted for spatial consideration only. Do not pre-plumb to these dimensions.



**FRONT VIEW PUMP & SPOOL**

<small>UNLESS OTHERWISE SPECIFIED:          DIMENSIONS ARE IN: INCHES (mm)          TOLERANCES ARE:          FRACTIONS DECIMALS ANGLES  <math>\pm 1/2"</math> .XX <math>\pm .01</math> <math>\pm 1/4^\circ</math>          .XXX <math>\pm .005</math>          .XXXX <math>\pm .0005</math></small>	ENGINEERED FOR: <b>STANDARD</b>		<b>LAKOS</b> CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM			
	APPROVALS	DATE	TITLE			
	DO NOT SCALE DRAWING	DRAWN ADJ/DLW	11/23/04	TBX-0145-SRV, TC SYSTEM, SIDESTREAM HTX-0085, 460V 60HZ DELUXE		
	MATERIAL PER LAKOS SPEC	ENGR HSK	12/9/04	SIZE C	MODEL NO.	DWG NO. 115464
FINISH AS ASSEMBLED	MFG -	-	SCALE 1:8	EST. WT. 678 lb	SHEET 1 OF 1	