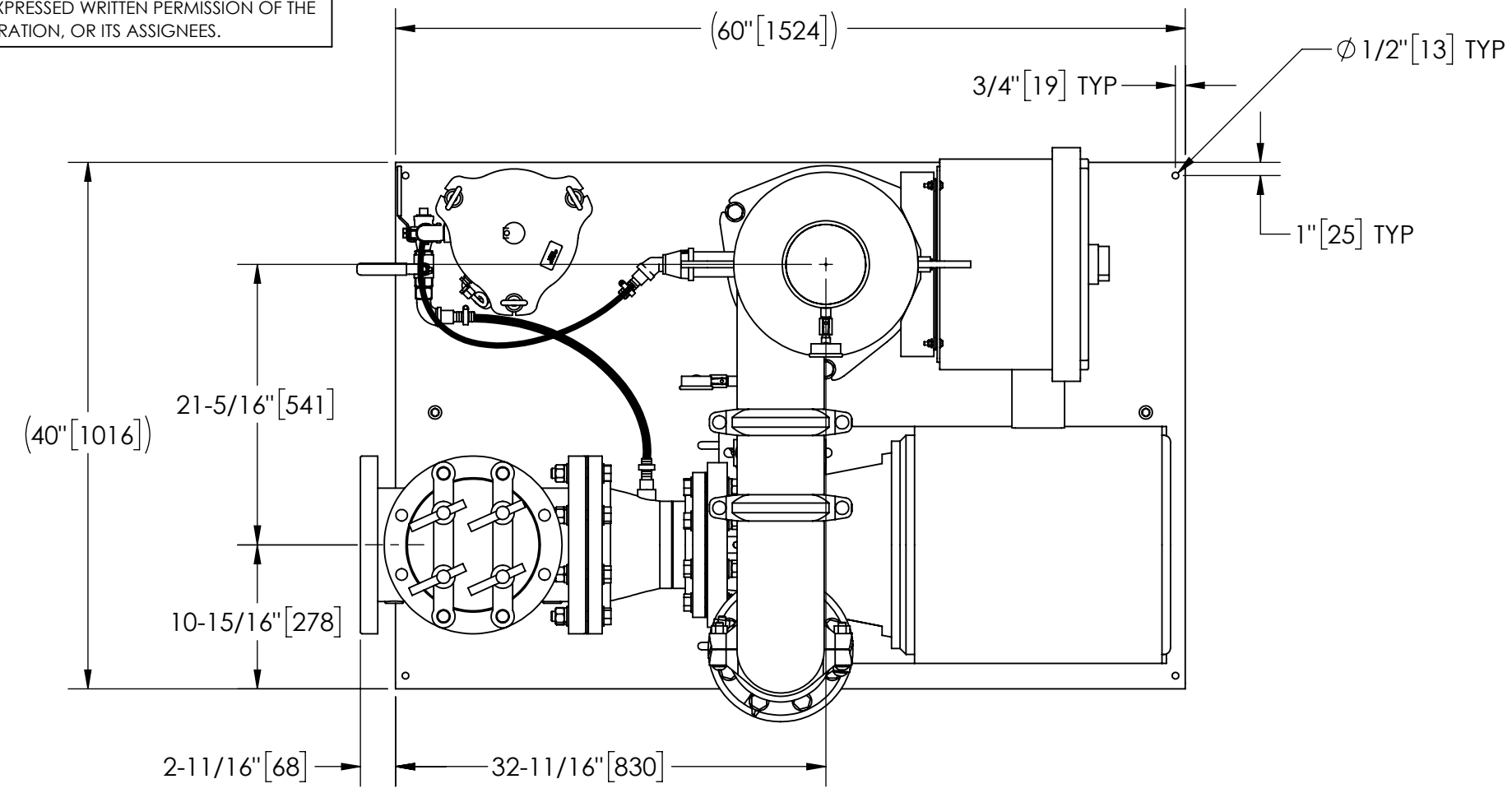


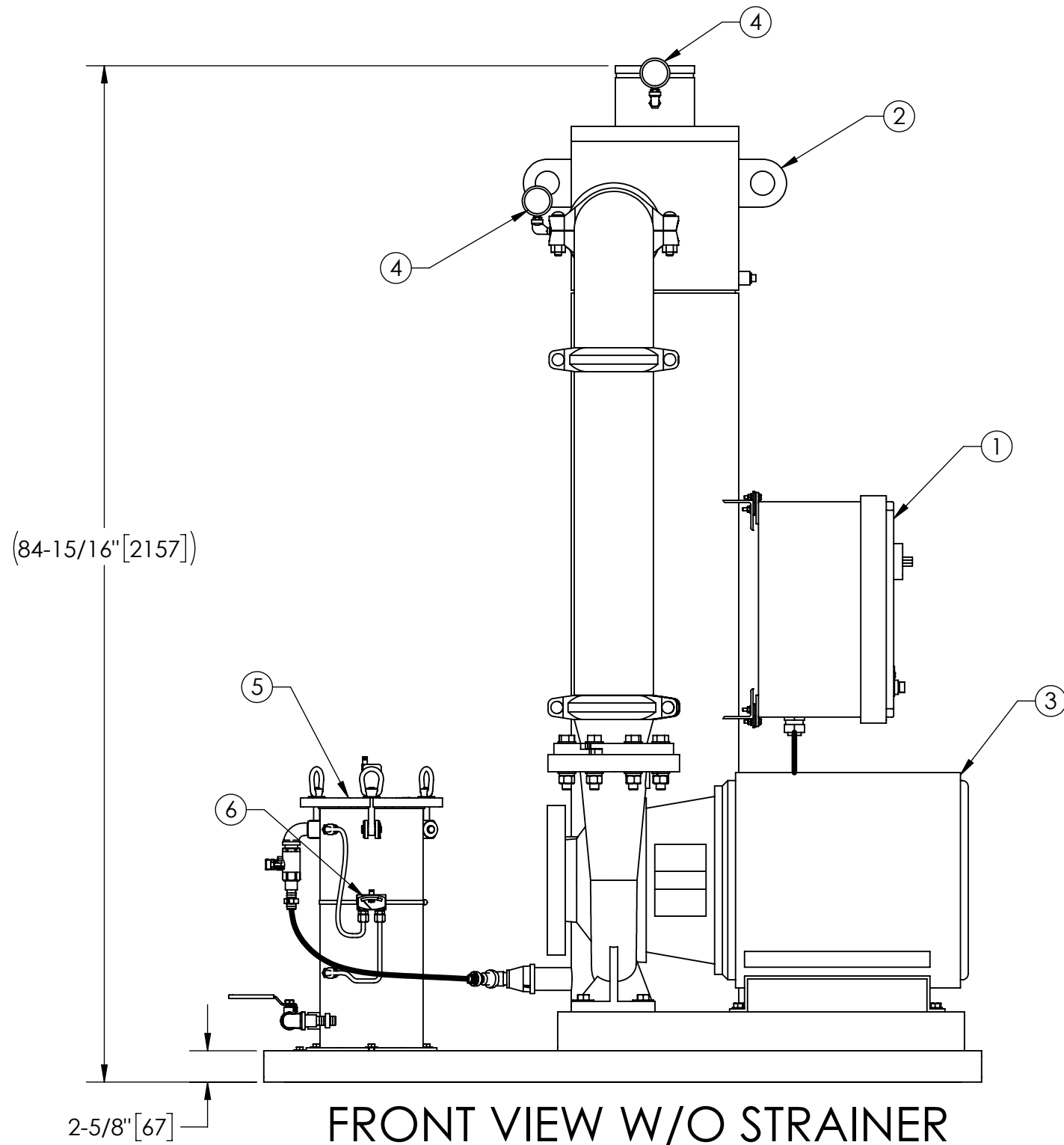
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REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	F	CHG. MOTOR MOUNT & NEW STY STRAINER	7/13/2012	SUB
-	G	CHANGE PUMP AND PUMP MOUNT	2/11/13	TRR
	H	REVISED CURRENT STD	4/15/2016	ADJ
	J	UPDATED BOLTS LENGTHS	6/7/2017	TRR
	K	UPDATE SYSTEM AND CHNG PUMP AMP TO XYLEM	2/25/2020	TRR



TOP VIEW



FRONT VIEW W/O STRAINER

SUBMITTAL DRAWING

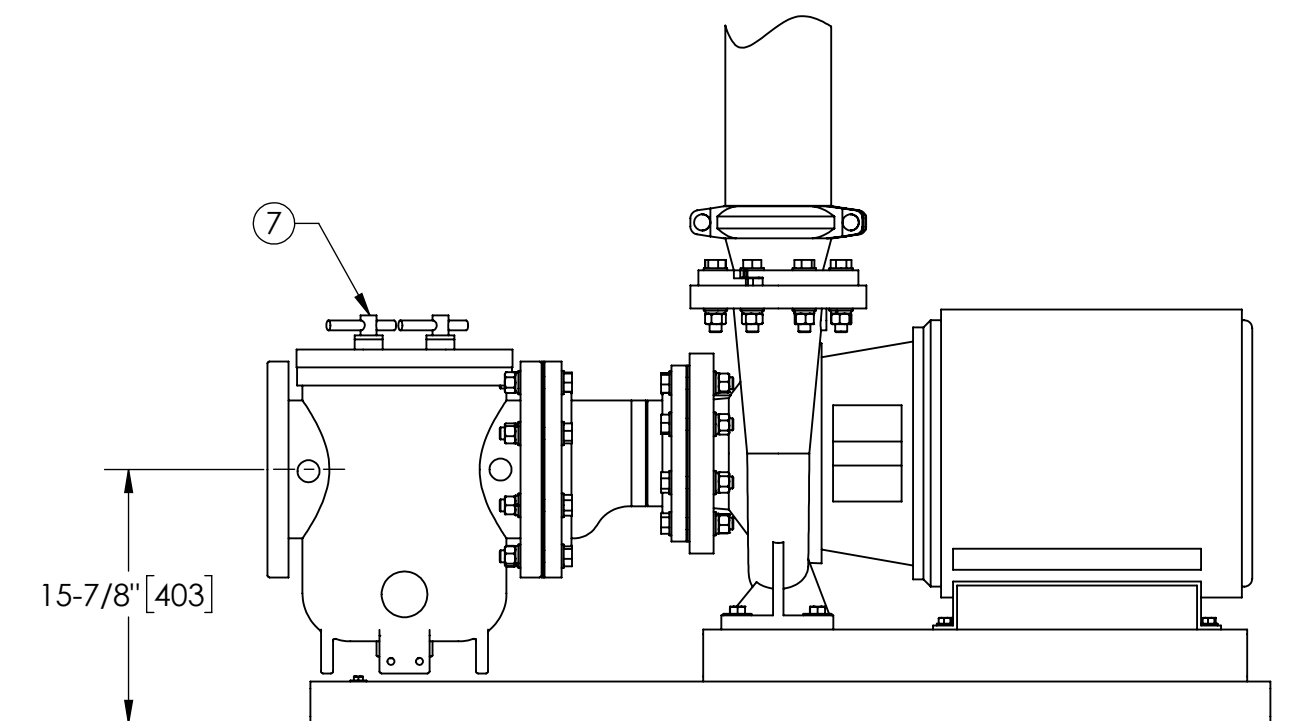
This drawing is submitted for spatial consideration only. Do not pre-plumb to these dimensions.

NOTES:

- INLET IS 8" PIPE (125# ANSI FLANGED).
- OUTLET IS 6" PIPE (GROOVED).
- PURGE OUTLET IS 1-1/2" PIPE.
- MAXIMUM PRESSURE: 150 psi (10.3 bar).
- MAXIMUM TEMPERATURE: 100°F (37.8°C).
- SPECIFIED FLOWRATE OF 1100 gpm (250 m³/hr).
- FINISH: AS ASSEMBLED.
- POWER REQUIREMENT: 460V, 3PH, 60Hz.
- NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
- APPROXIMATE DRY WEIGHT: 2163 lbs (981 kg).
- INLET/OUTLET VALVE KIT, MODEL TCV-1100 RECOMMENDED.
- MINIMUM PIPE FROM TOWER BASIN TO TC SYSTEM IS 10" PIPE.
- FLOODED SUCTION REQUIRED.

COMPONENT LIST:

- ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- SEPARATOR: HTH-0500-TC.
- PUMP: 40 HP CENTRIFUGAL, 1800 rpm, 460V, 60Hz.
- INLET/OUTLET PRESSURE GAUGES: 0-160 psi, GLYCERIN-FILLED.
- PURGE EQUIPMENT: SRV-816.
- DIFFERENTIAL PRESSURE INDICATOR: (AVAILABLE WITH DRY CONTACT-MODEL DHE-15-S. ORDER SEPARATELY).
- BASKET STRAINER.



FRONT VIEW PUMP & STRAINER

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: INCHES (mm) TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± 1" .XX ± .01 ± 1/4° .XXX ± .005 .XXXX ± .0005		ENGINEERED FOR: STANDARD			
DO NOT SCALE DRAWING		APPROVALS	DATE		
MATERIAL PER LAKOS SPEC		DRAWN DLW	11/15/04	TITLE TCI-1100-SRV, TC SYSTEM SWEEPER HTH-0500 3/60/460V	
FINISH AS ASSEMBLED		ENGR DLW	8/29/07		
SCALE 1:12		REVIEW -	-	SIZE C	MODEL NO.
EST. WT. 2163 lb		WORK ORDER	QTY.	DWG NO. 115424	REV. K
SHEET 1 OF 2					

DWG NO.

115424

SHT

1

REV.

K

A