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REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	RELEASED FOR SUBMITTAL	1/15/21	ADJ
	B	UPDATE PUMP FROM B&G TO AMERICAN MARSH	5/25/21	AAM
	C	MANUFACTURING UPDATE	7/9/21	AAM

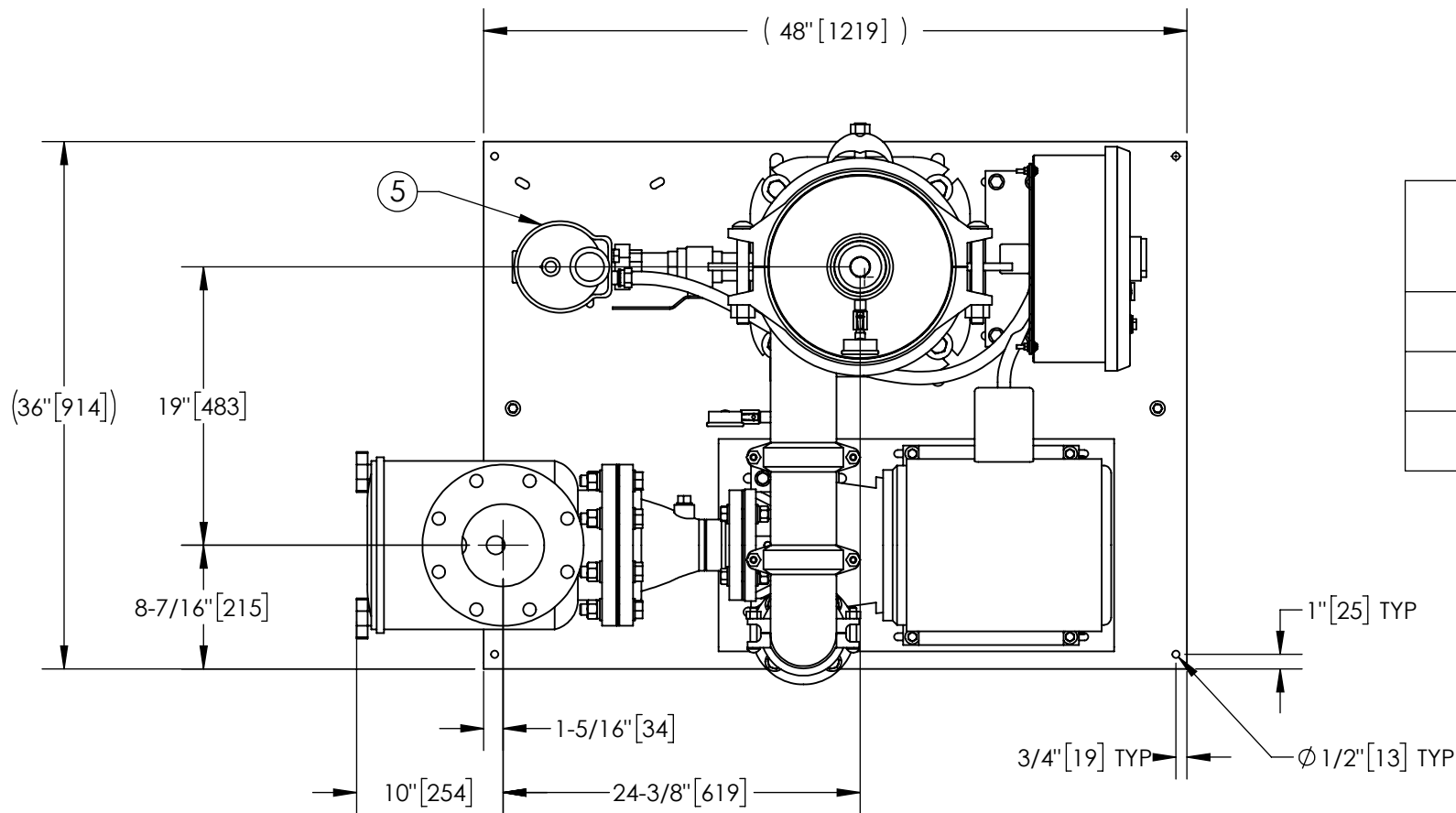
**NOTES:**

- INLET IS 6" FLANGED (125# ANSI FLANGED).
- OUTLET IS 4" PIPE (GROOVED).
- PURGE OUTLET IS 1-1/2" PIPE.
- MAXIMUM PRESSURE: 150 psi (10.3 bar).
- MAXIMUM FLUID OPERATING TEMPERATURE: 100°F (37.8°C).
- MAXIMUM AIR OPERATING TEMPERATURE: 100°F (37.8°C).
- SPECIFIED FLOW RATES:  
 BASIN SWEEPING - 310 gpm (70 m³/hr).  
 SIDE STREAM & CLOSED LOOP- 365 gpm (83 m³/hr).
- FINISH: AS ASSEMBLED.
- POWER REQUIREMENT: 3/60/208 230 460V
- NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
- APPROXIMATE DRY WEIGHT: 1244 lbs (564 kg).
- INLET/OUTLET VALVE KIT RECOMMENDED: SEE FACTORY.
- MINIMUM PIPE FROM TOWER BASIN TO TC SYSTEM IS 6" PIPE.
- FLOODED SUCTION REQUIRED.

**COMPONENT LIST:**

- ① ELECTRICAL CONTROL BOX 3/60/208 230 460V W/120V TRANSFORMER.
- ② SEPARATOR: eHTX-0140-V.
- ③ PUMP: 7.5 HP B&G, CENTRIFUGAL, 1750 rpm, 3/60/208 230 460V.
- ④ INLET/OUTLET PRESSURE GAUGES: 0-160 psi, GLYCERIN-FILLED.
- ⑤ PURGE EQUIPMENT: EFS-15-120V.
- ⑥ STRAINER SUCTION DIFFUSER.

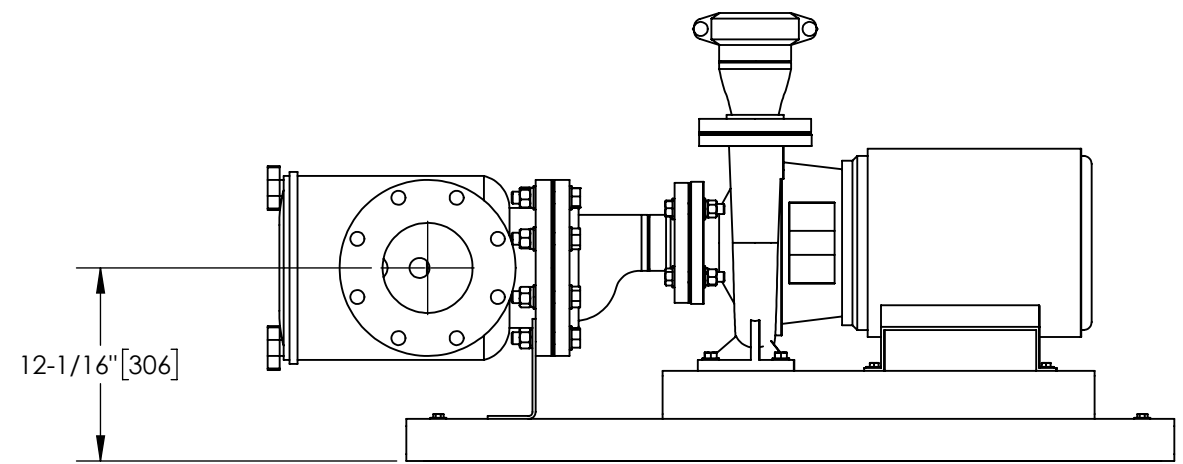
System Part Numbers	Electrical Box	Power Requirements
184848-208V	184629	3/60/208V
184848-230V	184633	3/60/230V
184848-460V	129026	3/60/460V



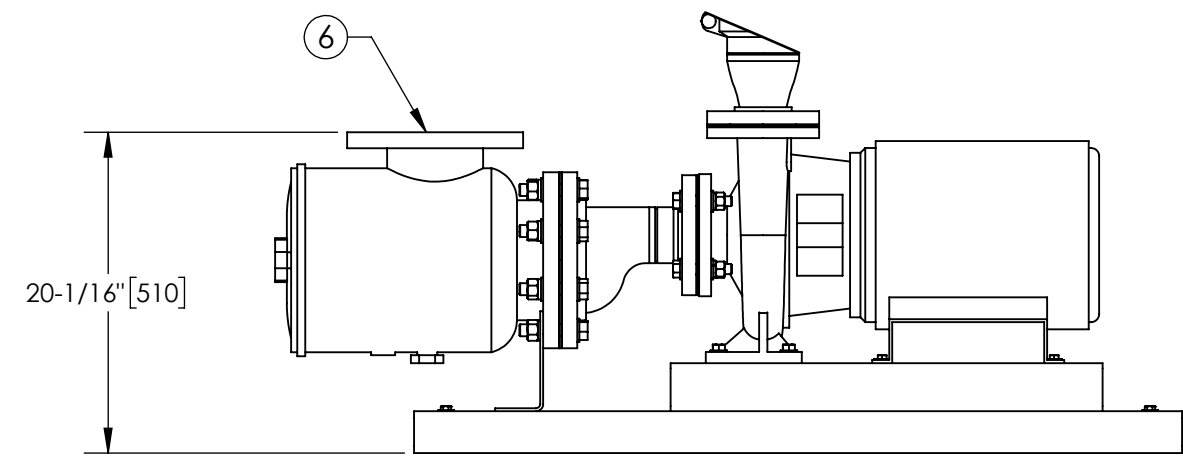
**TOP VIEW**

**SUBMITTAL DRAWING**

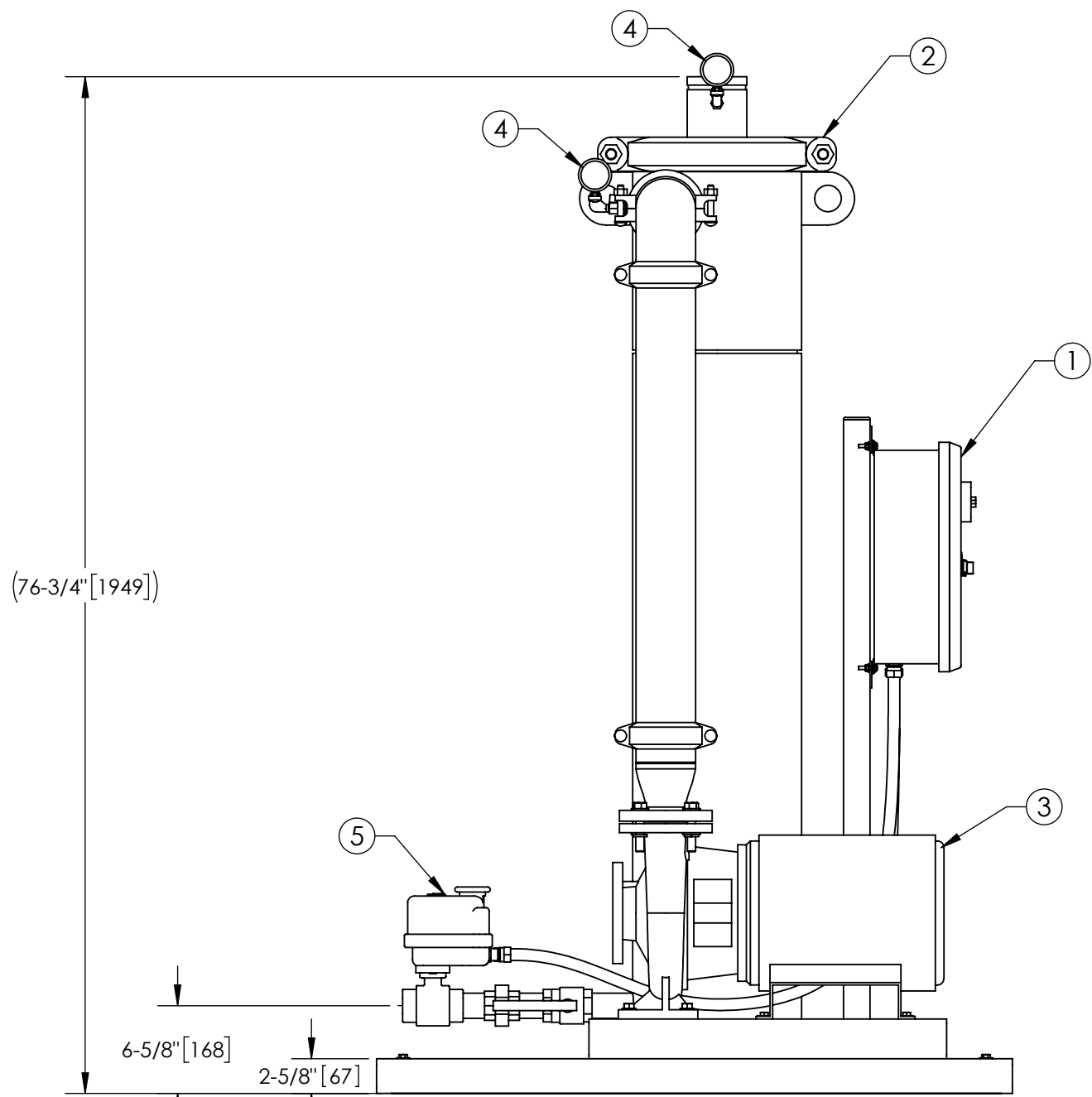
This drawing is submitted for spatial consideration only. Do not pre-plumb to these dimensions.




**FRONT VIEW ROTATED STRAINER (OPTIONAL)**



**FRONT VIEW PUMP & STRAINER**



**FRONT VIEW W/O 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	TITLE	
MATERIAL PER LAKOS SPEC		ENGR	-	eTCX-0310-EFS/ACP1 TC SYSTEM	
FINISH AS ASSEMBLED		REVIEW	-	HI EFF SWEEPER eHTX-0140 3/60/208 230 460V	
WORK ORDER		QTY.	-	SIZE C	MODEL NO.
				SCALE 1:8	DWG NO. 184848
					EST. WT. 1244 lb
					SHEET 1 OF 1

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DWG NO. 184848  
 SHEET 11  
 REV. C