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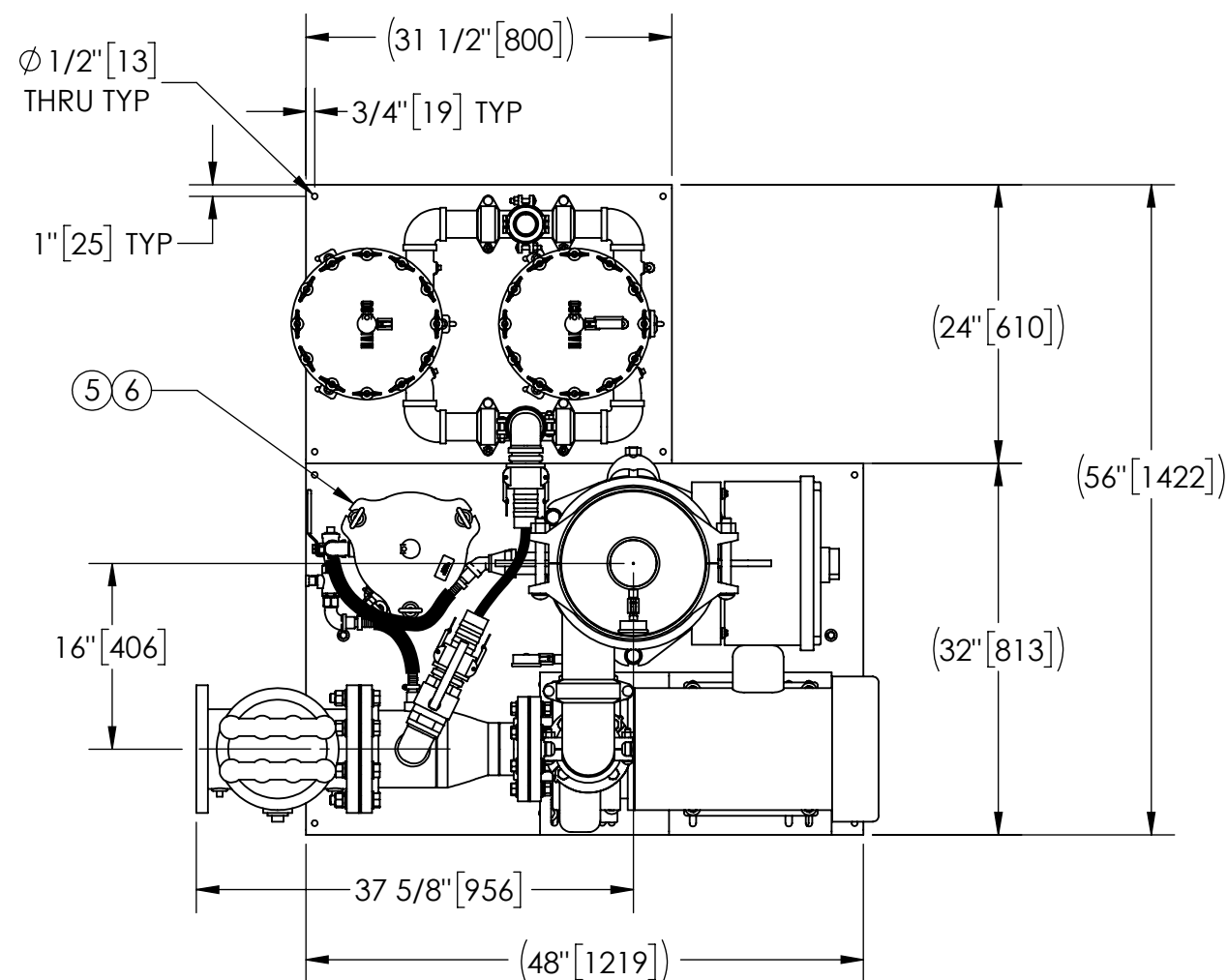
| REVISION HISTORY |     |                         |         |          |
|------------------|-----|-------------------------|---------|----------|
| ZONE             | REV | DESCRIPTION             | DATE    | APPROVED |
|                  | A   | RELEASED FOR PRODUCTION | 5/8/14  | TRR      |
|                  | B   | CHANGED PLUS SYSTEM     | 8/31/18 | BAP      |

**NOTES:**

1. INLET IS 6" PIPE (NPT/125# ANSI FLANGED).
2. OUTLET IS 4" PIPE (GROOVED).
3. PURGE OUTLET IS 1-1/2" PIPE.
4. MAXIMUM PRESSURE: 100 psi (6.9 bar).
5. MAXIMUM TEMPERATURE: 100°F (37.8°C).
6. SPECIFIED FLOWRATE OF 525 gpm (119 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: 2210 lbs (1002 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCX-0525-PLUS RECOMMENDED.
12. MINIMUM PIPE FROM TOWER BASIN TO TP SYSTEM IS 8" PIPE.
13. FLOODED SUCTION REQUIRED.
14. MAXIMUM BASIN SIZE 425 sq ft.

**COMPONENT LIST:**

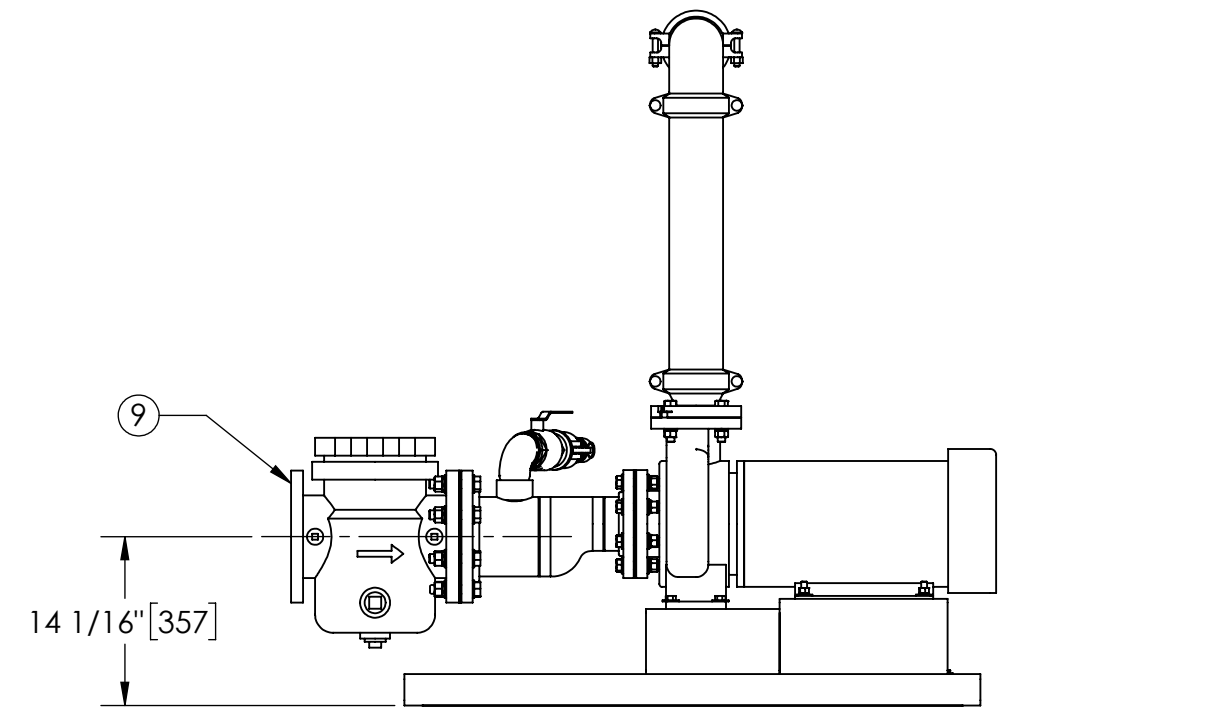
- ① ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- ② SEPARATOR: HTH-0285-TC.
- ③ PUMP: 20 HP CENTRIFUGAL, 1750 rpm, 460V, 60Hz.
- ④ INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
- ⑤ PURGE EQUIPMENT: SRV-816.
- ⑥ DIFFERENTIAL PRESSURE INDICATOR: (AVAILABLE WITH DRY DRY CONTACT-MODEL DHE-15-S. ORDER SEPARATELY).
- ⑦ HOSE ATTACHED IN FIELD WITH QUICK DISCONNECT COUPLINGS.
- ⑧ 316SS, .35 MICRON FILTER @ 100 gpm (22.7 m<sup>3</sup>/hr).
- ⑨ BASKET STRAINER.



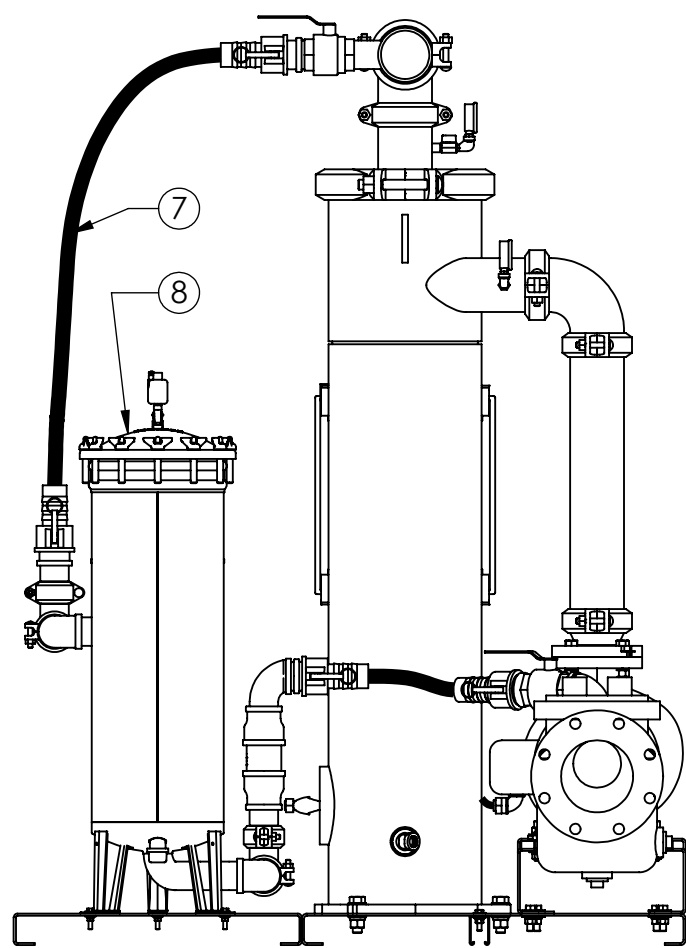
**TOP VIEW**

**SUBMITTAL DRAWING**

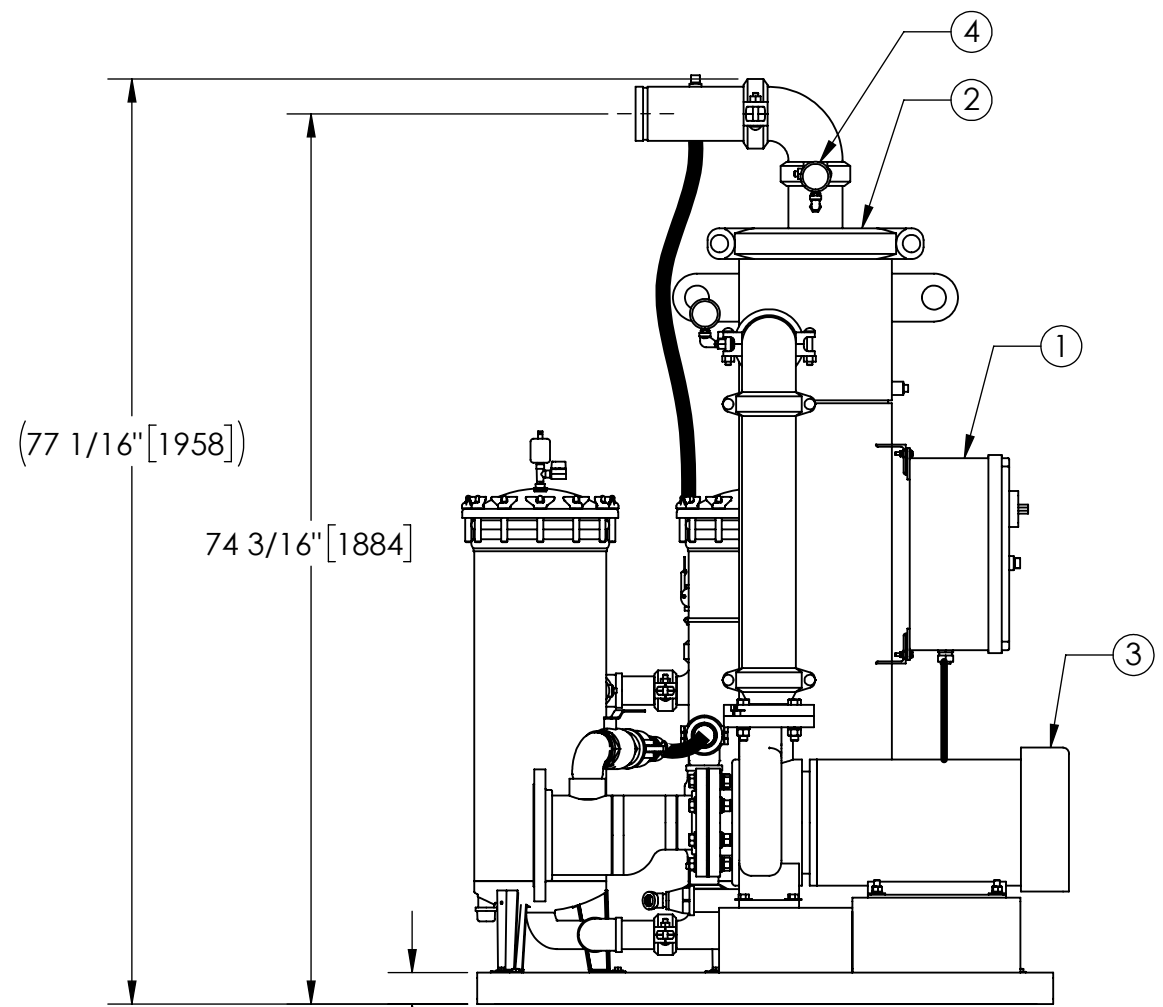
This drawing is submitted for spatial consideration only. Do not pre-plumb to these dimensions.



**FRONT VIEW PUMP/SPOOL/STRAINER**



**SIDE VIEW W/O SRV**



**FRONT VIEW W/O STRAINER/SRV**

|  |                |                                    |      |   |  |
|--|----------------|------------------------------------|------|---|--|
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN: INCHES [mm]<br>TOLERANCES ARE:<br>FRACTIONS DECIMALS ANGLES<br>± 1/2" .XX ± .01 ± 1/4"<br>XXX ± .005<br>XXXX ± .0005 |                | ENGINEERED FOR:<br><b>STANDARD</b> |      | CLAUDE LAVAL CORP.<br>FRESNO, CALIFORNIA 93727<br>WWW.LAKOS.COM |  |
| DO NOT SCALE DRAWING   |                | APPROVALS                          | DATE |   |  |
| MATERIAL   | PER LAKOS SPEC | DRAWN                              | ADJ  | 3/19/05   | TITLE  |
| FINISH   | AS ASSEMBLED   | ENGR                               | -    | -   | TPX-0525-SRV, TCX SYSTEM .35 MICRON,<br>SWEEPER HTH-0285, 460V 60HZ PLUS |
|  |                | REVIEW                             | -    | -   | SIZE   |
|  |                | WORK ORDER                         | -    | -   | MODEL NO.  |
|  |                |                                    |      |   | DWG NO.  |
|  |                |                                    |      |   | <b>123377</b>  |
|  |                |                                    |      |   | REV.   |
|  |                |                                    |      |   | <b>B</b>   |
|  |                |                                    |      |   | SCALE  |
|  |                |                                    |      |   | 1:16   |
|  |                |                                    |      |   | EST. WT.   |
|  |                |                                    |      |   | SHEET  |
|  |                |                                    |      |   | 1 OF 1   |

DWG NO. 123377  
 SH 1  
 REV B