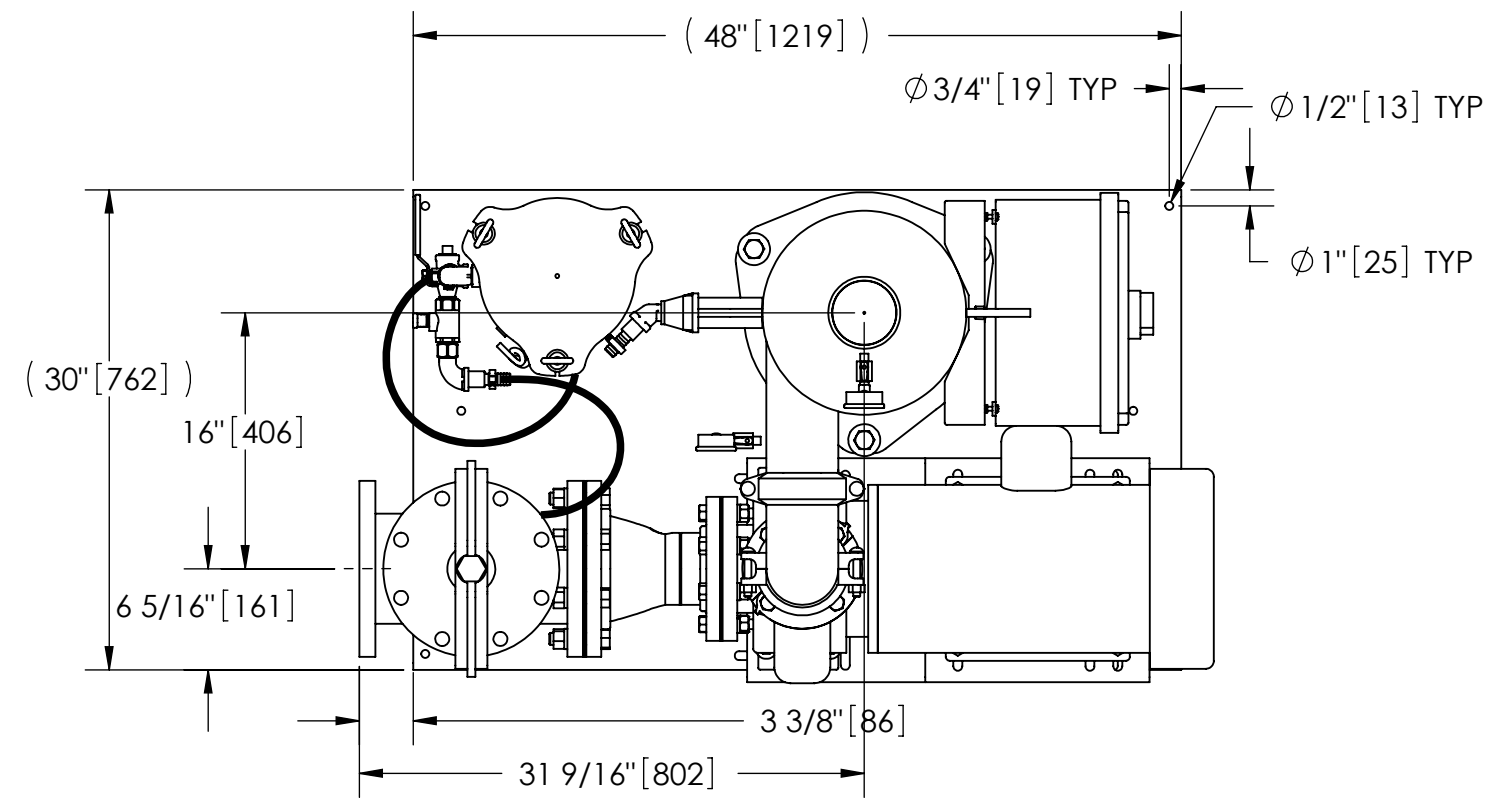


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| REVISION HISTORY |     |             |      |          |
|------------------|-----|-------------|------|----------|
| ZONE             | REV | DESCRIPTION | DATE | APPROVED |

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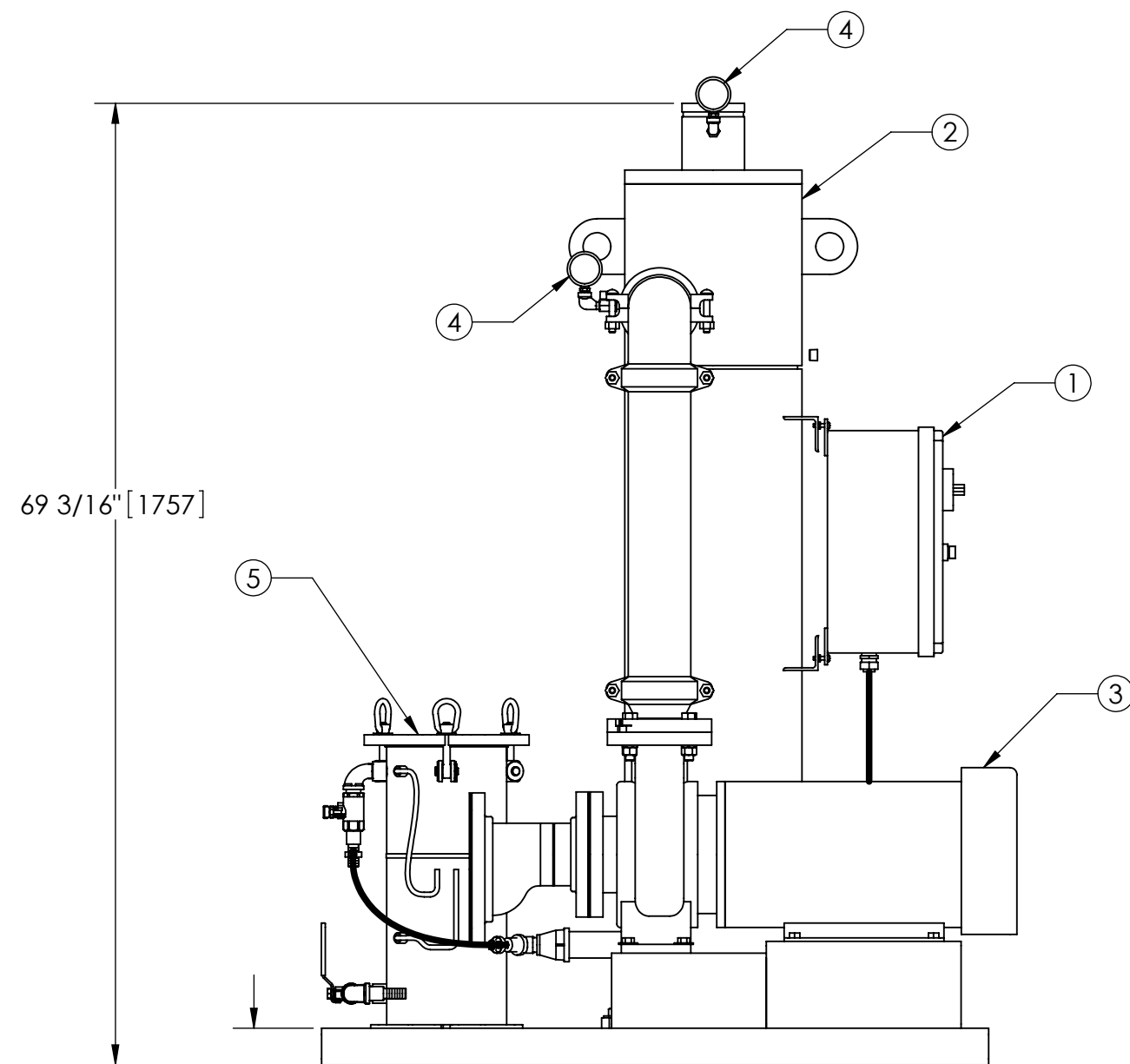
TOP VIEW

NOTES:

1. INLET IS 6" PIPE (125# ANSI FLANGED).
2. OUTLET IS 4" PIPE (GROOVED).
3. PURGE OUTLET IS 1-1/2" PIPE.
4. MAXIMUM PRESSURE: 150 psi (10.3 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: 1683 lbs (763 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCV-0525 RECOMMENDED.
12. MINIMUM PIPE FROM TOWER BASIN TO TC SYSTEM IS 8" PIPE.
13. FLOODED SUCTION REQUIRED.

COMPONENT LIST:

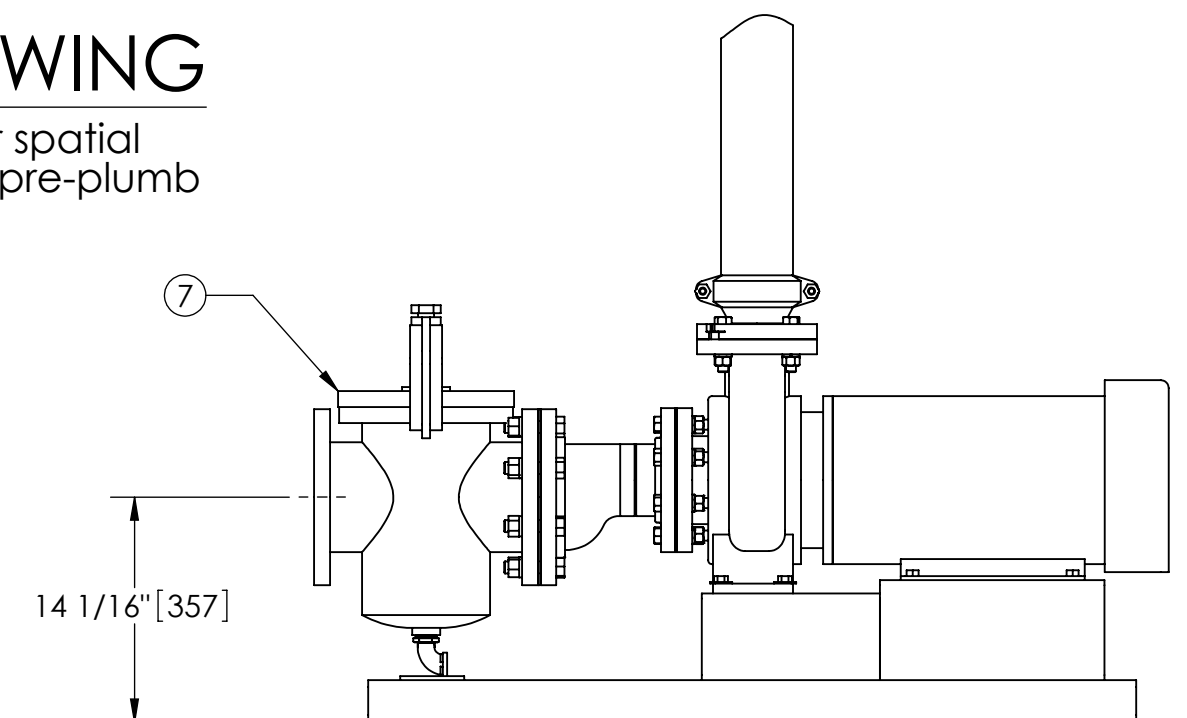
- ① ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- ② SEPARATOR: HTH-0285-TC.
- ③ PUMP: 20 HP CENTRIFUGAL, 3500 rpm, 460V, 60Hz.
- ④ INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
- ⑤ PURGE EQUIPMENT: SRV-816.
- ⑥ DIFFERENTIAL PRESSURE INDICATOR: (AVAILABLE WITH DRY DRY CONTACT-MODEL DHE-15-S. ORDER SEPARATELY).
- ⑦ BASKET STRAINER.



FRONT VIEW W/O STRAINER

SUBMITTAL DRAWING

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



FRONT VIEW PUMP & STRAINER

|  |                                    |         |   |   |
|--|------------------------------------|---------|---|---|
| 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 | LAVAL<br>UNDERGROUND<br>SURVEYS                             |
|  | APPROVALS                          | DATE    |   |   |
| DO NOT SCALE DRAWING   | DRAWN                              | SGF/ADJ | 5/24/05   | TITLE   |
| MATERIAL   | ENGR                               | HSK     | 5/24/05   | TCI-0525-SRV, TC SYSTEM,<br>SWEEPER HTH-0285, 460V 60HZ STD |
| FINISH   | MFG                                | -       | -   | SIZE  |
| AS ASSEMBLED   | WORK ORDER                         | -       | -   | MODEL NO.   |
|  |                                    |         |   | DWG NO.   |
|  |                                    |         |   | <b>115422</b>   |
|  |                                    |         |   | REV.  |
|  |                                    |         |   | <b>C</b>  |
|  |                                    |         |   | SCALE   |
|  |                                    |         |   | 1:12  |
|  |                                    |         |   | EST. WT.  |
|  |                                    |         |   | 1180 lb   |
|  |                                    |         |   | SHEET   |
|  |                                    |         |   | 1 OF 1  |

DWG NO.

115422

SH

REV. C

A