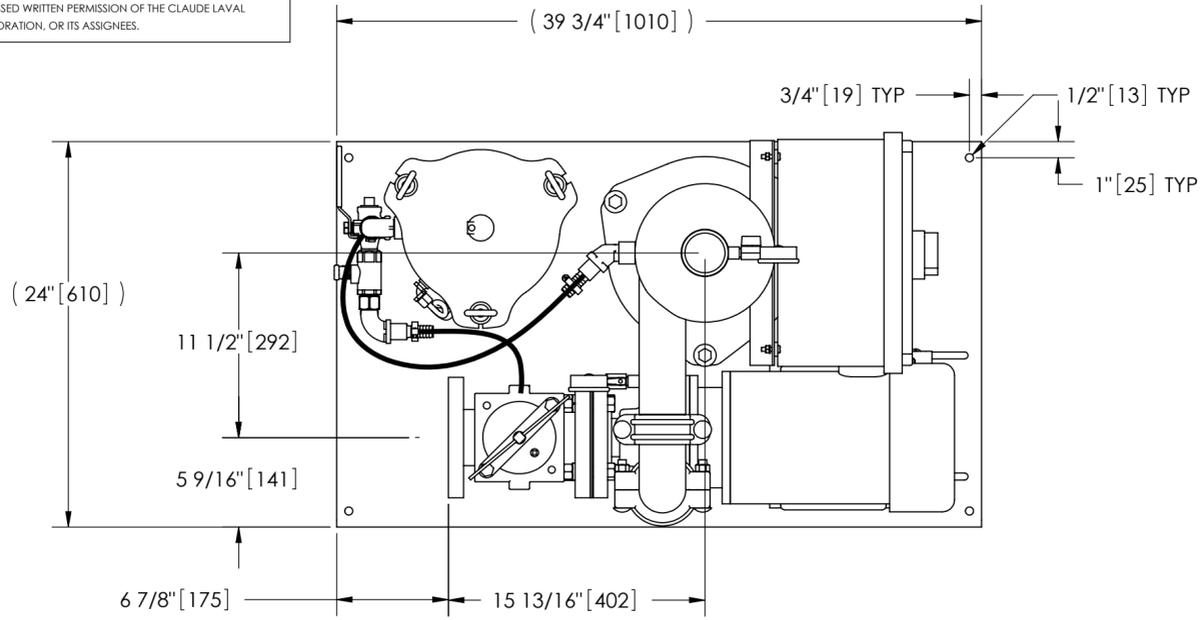


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| REVISION HISTORY |     |             |      |          |
|------------------|-----|-------------|------|----------|
| ZONE             | REV | DESCRIPTION | DATE | APPROVED |
|                  |     |             |      |          |



TOP VIEW

NOTES:

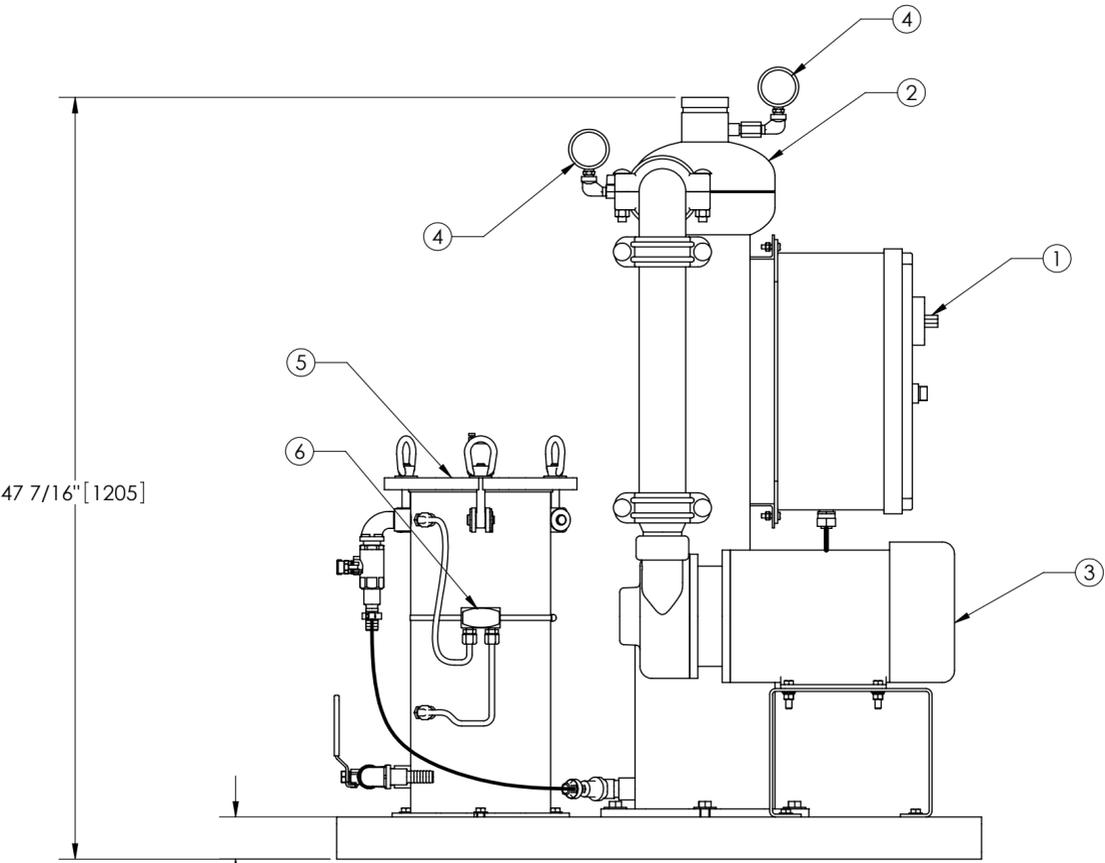
- INLET IS 3" (76) PIPE (125# ANSI FLANGED).
- OUTLET IS 2-1/2" (63.5) PIPE (GROOVED).
- PURGE OUTLET IS 3/4" (19) PIPE.
- MAXIMUM PRESSURE: 150 psi (10.3 bar).
- MAXIMUM TEMPERATURE: 100°F (37.8°C).
- SPECIFIED FLOWRATE OF 145 gpm (33 m<sup>3</sup>/hr).
- FINISH: AS ASSEMBLED.
- POWER REQUIREMENT: 460V, 3PH, 60Hz.
- NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
- APPROXIMATE DRY WEIGHT: 446 lbs (207 kg).
- <PARA >INLET/OUTLET VALVE KIT, MODEL TCV-0145 RECOMMENDED.
- MINIMUM PIPE FROM TOWER BASIN TO TC SYSTEM IS 4" PIPE.
- FLOODED SUCTION REQUIRED.

COMPONENT LIST:

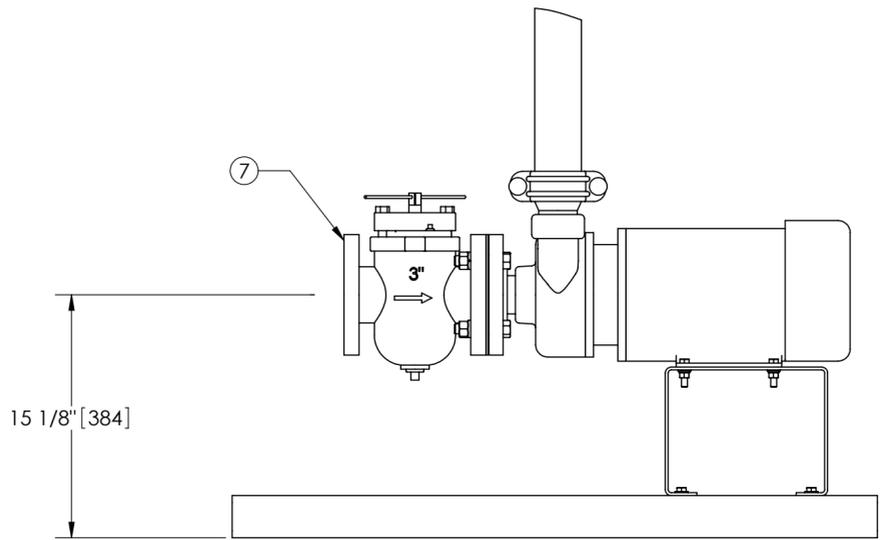
- ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- SEPARATOR: ILB-0250-TC.
- PUMP: 5 HP CENTRIFUGAL, 3500 rpm, 460V, 60Hz.
- INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
- PURGE EQUIPMENT: SRV-816.
- DIFFERENTIAL PRESSURE INDICATOR: (AVAILABLE WITH DRY CONTACT-MODEL DHE-15-S. ORDER SEPARATELY).
- BASKET STRAINER.

SUBMITTAL DRAWING

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



FRONT VIEW W/O STRAINER



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 UNDERGROUND SURVEYS |        |
| DO NOT SCALE DRAWING   | APPROVALS  | DATE                               | TITLE |   | TCI-0145-SRV, TC SYSTEM,<br>SWEEPER ILB-0250, 460V 60HZ STD |                           |        |
| MATERIAL<br>PER LAKOS SPEC   | ENGR       | 11/23/04                           | DRAWN | SGF/DLW   | SIZE  |                           |        |
| FINISH<br>AS ASSEMBLED   | MFG        | 12/9/04                            | ENGR  | HSK   | MODEL NO.   | DWG NO.                   | REV.   |
|  | WORK ORDER |                                    |       |   | C   | 115418                    | E      |
|  |            |                                    |       |   | SCALE   | EST. WT.                  | SHEET  |
|  |            |                                    |       |   | 1:8   | 446 lb                    | 1 OF 1 |

DWG. NO. 115418 SHEET 1 REV. E