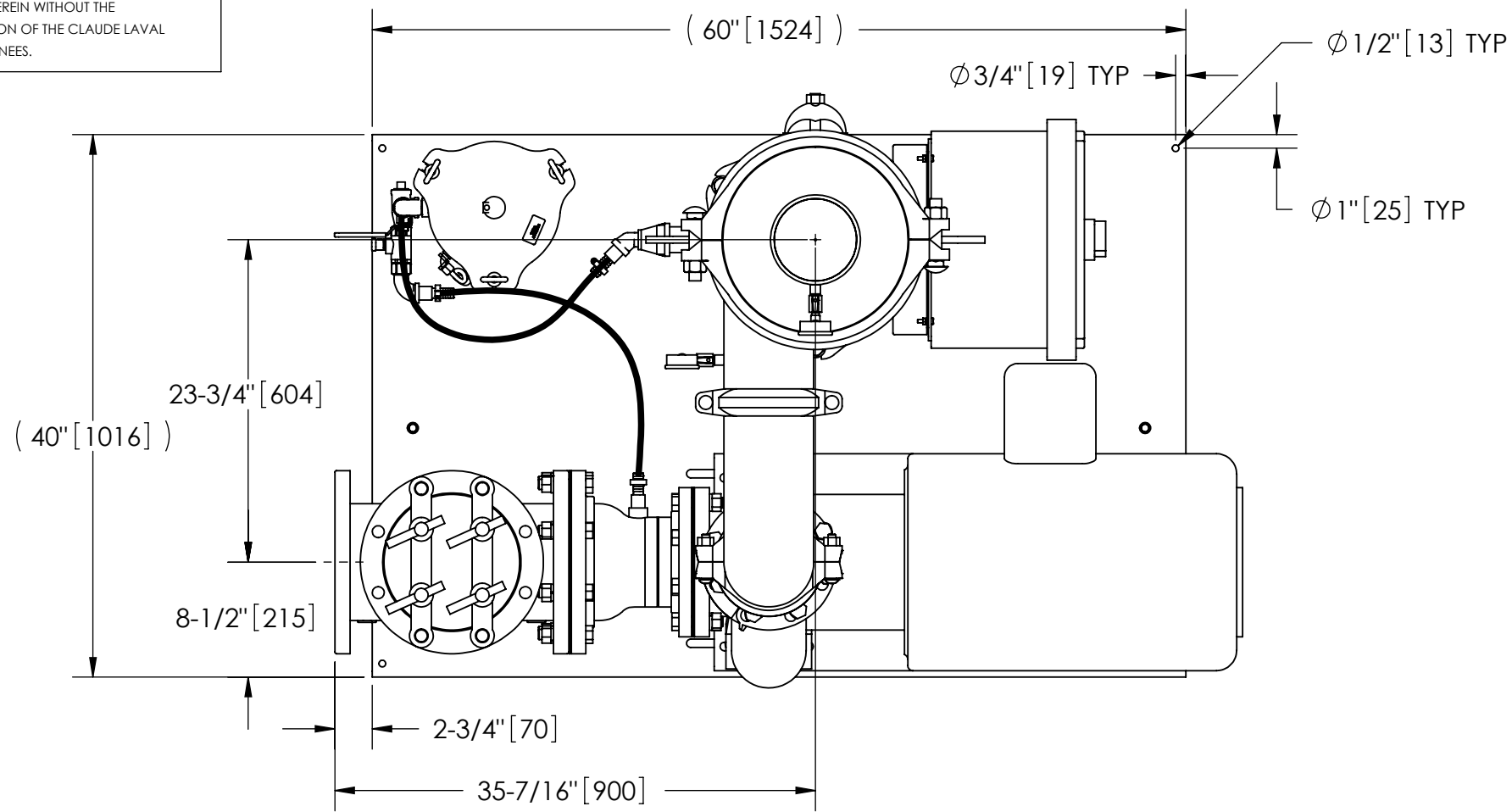


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| REVISIONS | | | | |
|-----------|------|--|-----------|----------|
| ZONE | REV. | DESCRIPTION | DATE | APPROVED |
| - | A-E | MFG UPDATE | 2/27/2007 | ADJ |
| - | F | LOWERED INLET/OUTLET | 8/27/2007 | DLW |
| - | K | REVISED MOTOR MOUNT & NEW STY STRAINER | 7/13/2012 | SUB |
| - | L | CAHNGE PUMP AND ADD NEW PUMP MOUNTS | 2/11/13 | TRR |



TOP VIEW

NOTES:

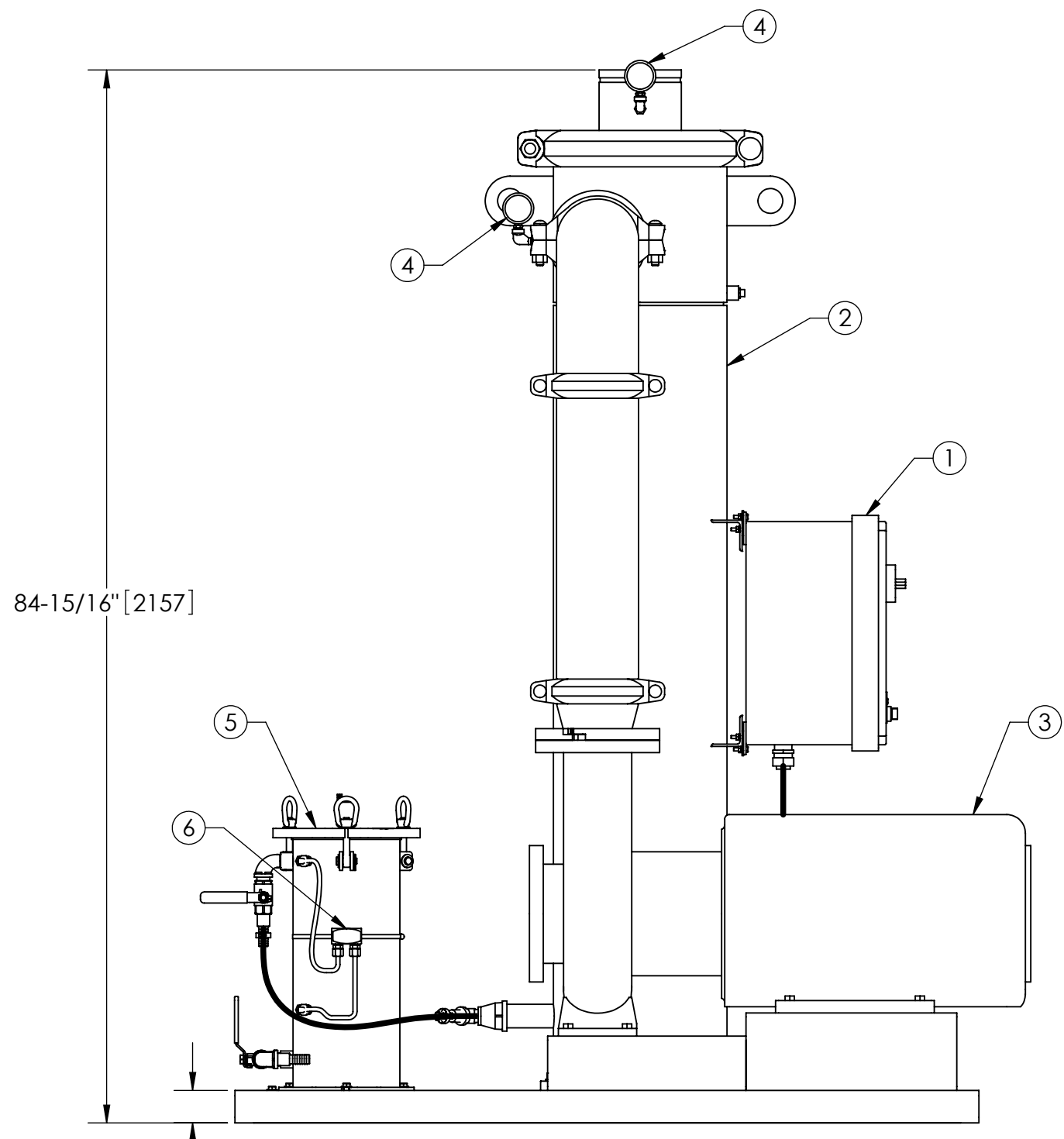
1. INLET IS 8" PIPE (125# ANSI FLANGED).
2. OUTLET IS 6" PIPE (GROOVED).
3. PURGE OUTLET IS 1-1/2" PIPE.
4. MAXIMUM PRESSURE: 150 psi (10.3 bar).
5. MAXIMUM TEMPERATURE: 100°F (37.8°C).
6. SPECIFIED FLOWRATE OF 1100 gpm (250 m³/hr).
7. FINISH: AS ASSEMBLED.
8. POWER REQUIREMENT: 460V, 3PH, 60Hz.
9. NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
10. APPROXIMATE DRY WEIGHT: 2511 lbs (1039 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCV-1100 RECOMMENDED.
12. MINIMUM PIPE FROM TOWER BASIN TO TC SYSTEM IS 10" PIPE.
13. FLOODED SUCTION REQUIRED.

COMPONENT LIST:

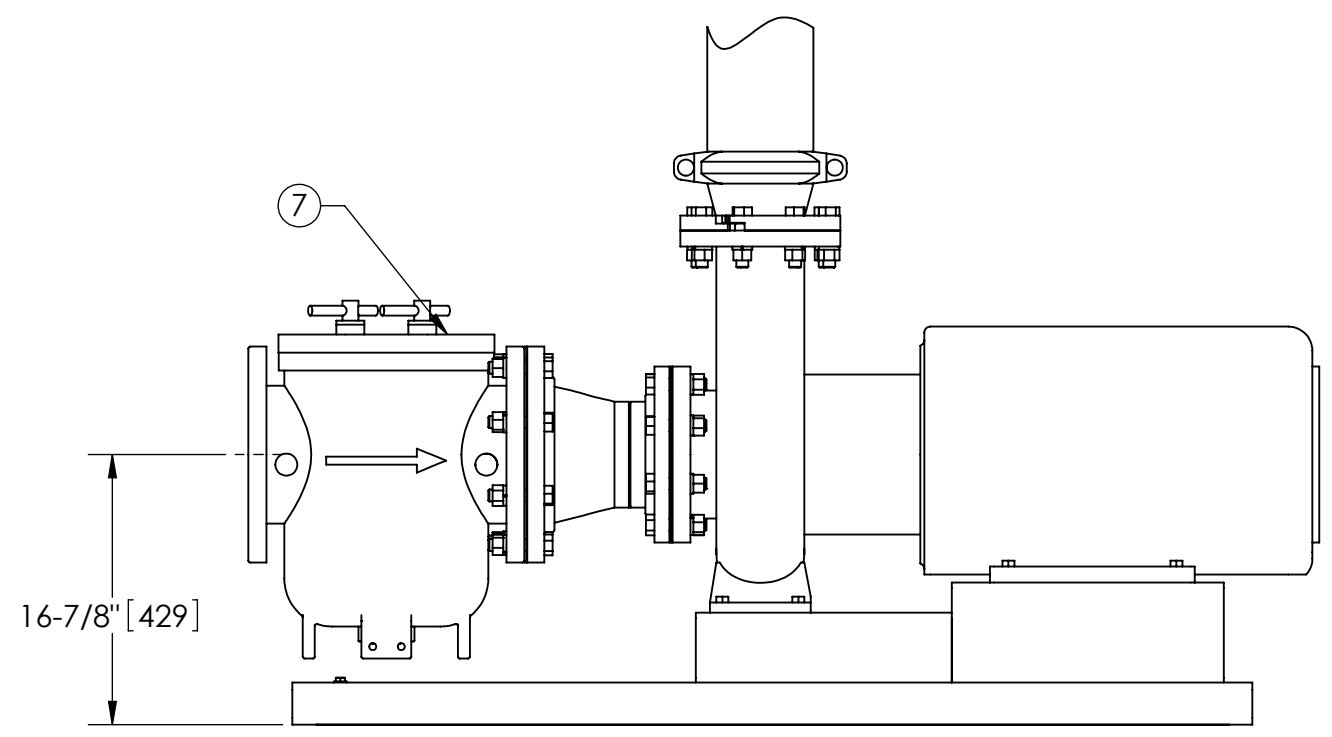
- 1 ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
- 2 SEPARATOR: HTX-0500-TC.
- 3 PUMP: 40 HP CENTRIFUGAL, 1800 rpm, 460V, 60Hz.
- 4 INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
- 5 PURGE EQUIPMENT: SRV-81 6.
- 6 DIFFERENTIAL PRESSURE INDICATOR: (AVAILABLE WITH DRY CONTACT-MODEL DHE-15-S. ORDER SEPARATELY).
- 7 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: DIMENSIONS ARE IN: INCHES (mm) TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± 1/2" .XX ± .01 ± 1/4" .XXX ± .005 .XXXX ± .0005 | ENGINEERED FOR: STANDARD | | CLAUDE LAVAL CORP. FRESNO, CALIFORNIA 93727 WWW.LAKOS.COM LAVAL UNDERGROUND SURVEYS |
| | APPROVALS | DATE | |
| DO NOT SCALE DRAWING | DRAWN SDF/HSK | 5/23/05 | TITLE TCX-1100-SRV, TC SYSTEM, SWEEPER HTX-0500, 460V 60HZ DELUXE |
| MATERIAL PER LAKOS SPEC | ENGR DLW | 8/27/07 | SIZE C |
| FINISH AS ASSEMBLED | MFG - | - | MODEL NO. |
| | WORK ORDER | QTY. | DWG NO. 115433 |
| | | | EST. WT. 2511 lb |
| | | | SHEET 1 OF 1 |

DWG. NO. 115433 SHEET 1 REV. L