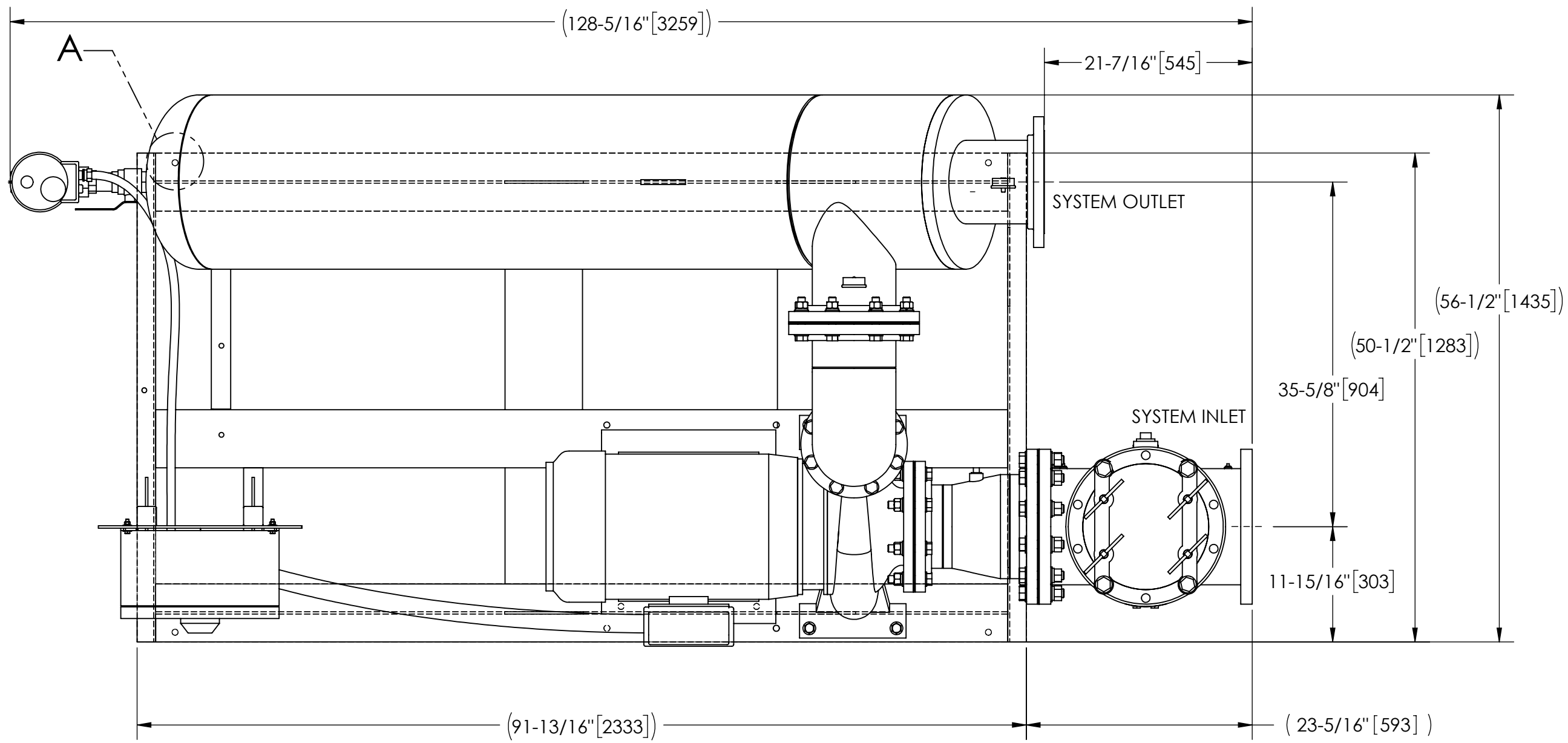


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| REVISIONS |      |                        |           |          |
|-----------|------|------------------------|-----------|----------|
| ZONE      | REV. | DESCRIPTION            | DATE      | APPROVED |
|           | 01   | RELEASED FOR SUBMITTAL | 9/14/2022 | AAM      |



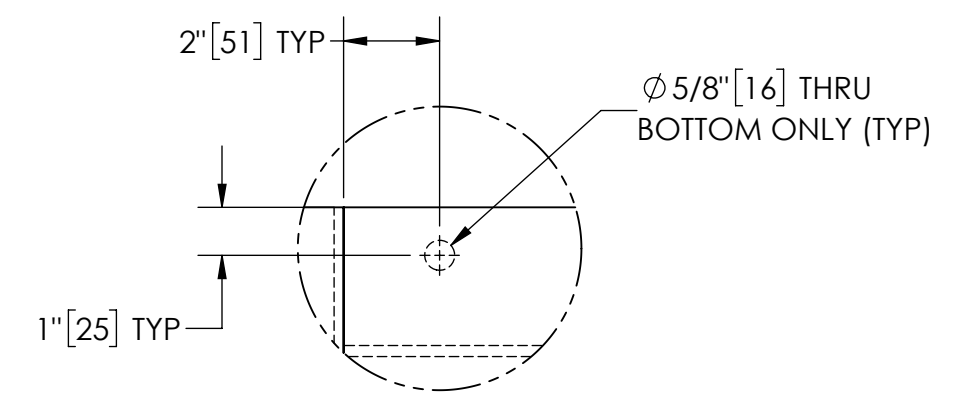
**TOP VIEW**

**NOTES:**

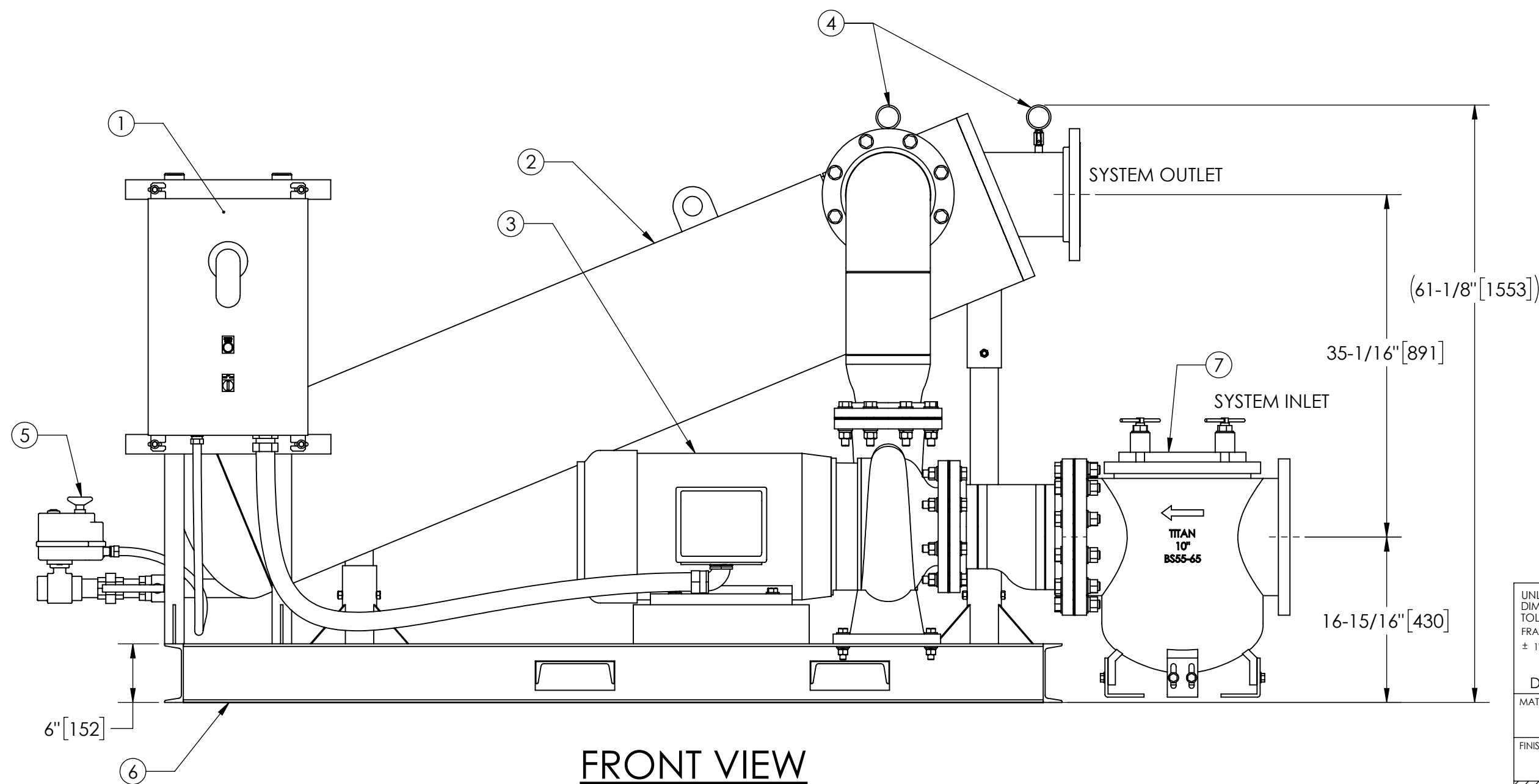
1. INLET IS 10" PIPE (125# ANSI FLANGED).
2. OUTLET IS 8" PIPE (150# ANSI FLANGED).
3. PURGE OUTLET IS 1-1/2" PIPE.
4. MAXIMUM PRESSURE: 150 psi (10.3 bar).
5. MAXIMUM FLUID TEMPERATURE: 100°F (37.8°C).
6. MAXIMUM AMBIENT TEMPERATURE: 100°F (37.8°C).
7. SPECIFIED FLOWRATE OF 1670 gpm (379 m³/hr).
8. FINISH: AS ASSEMBLED.
9. POWER REQUIREMENT: 3/60/460V.
10. APPROXIMATE DRY WEIGHT: 3078 lbs (1396 kg).
11. MINIMUM PIPE FROM TOWER BASIN TO TC SYSTEM IS 12" PIPE.
12. FLOODED SUCTION REQUIRED.

**COMPONENT LIST:**

- ① ELECTRICAL CONTROL BOX 3/60/460V, W/120V TRANSFORMER.
- ② SEPARATOR: HTH-0810-L/FLG.
- ③ PUMP: 50 HP, 1800 RPM, END SUCTION CENTRIFUGAL, 3/60/460V.
- ④ INLET/OUTLET PRESSURE GAUGES: 0-160 psi, GLYCERIN-FILLED.
- ⑤ PURGE EQUIPMENT: ABV-15-120V.
- ⑥ SKID: CARBON STEEL, LAKOS BLACK.
- ⑦ BASKET STRAINER 10"




**DETAIL A**  
SCALE 1:4



**FRONT VIEW**

**SUBMITTAL DRAWING**

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

|  |  |                                    |         |   |                    |
|--|--|------------------------------------|---------|---|--------------------|
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN: INCHES (mm)<br>TOLERANCES ARE:<br>FRACTIONS DECIMALS ANGLES<br>± 1" .XX ± .01 ± 1/4"<br>XXX ± .005<br>XXXX ± .0005 |  | ENGINEERED FOR:<br><b>STANDARD</b> |         |  |                    |
| DO NOT SCALE DRAWING   |  | APPROVALS                          | DATE    | TITLE   |                    |
| MATERIAL PER LAKOS SPEC  |  | DRAWN AAM                          | 9/12/22 | TCI-1670-ABV/L, TC SYSTEM,<br>SWEEPER HTH-0810-L/FLG, 3/60/460V                       |                    |
| FINISH AS ASSEMBLED  |  | ENGR -                             | -       | SIZE C  | MODEL NO.          |
|  |  | REVIEW -                           | -       | SCALE 1:12  | DWG NO. 131546-460 |
|  |  | WORK ORDER                         | QTY.    | EST. WT. 3078 lb  | SHEET 1 OF 1       |

DWG. NO. 131546-460 SHEET 1 REV. 01