

Legend:

Legend table with categories: Horizon, Soil, Cementation, Basal, Structure, Penetration Resistance, Rupture Resistance, Boundaries, Water, and Limiting Depth. Includes sub-categories like Organic, Carbonates, and various soil types.

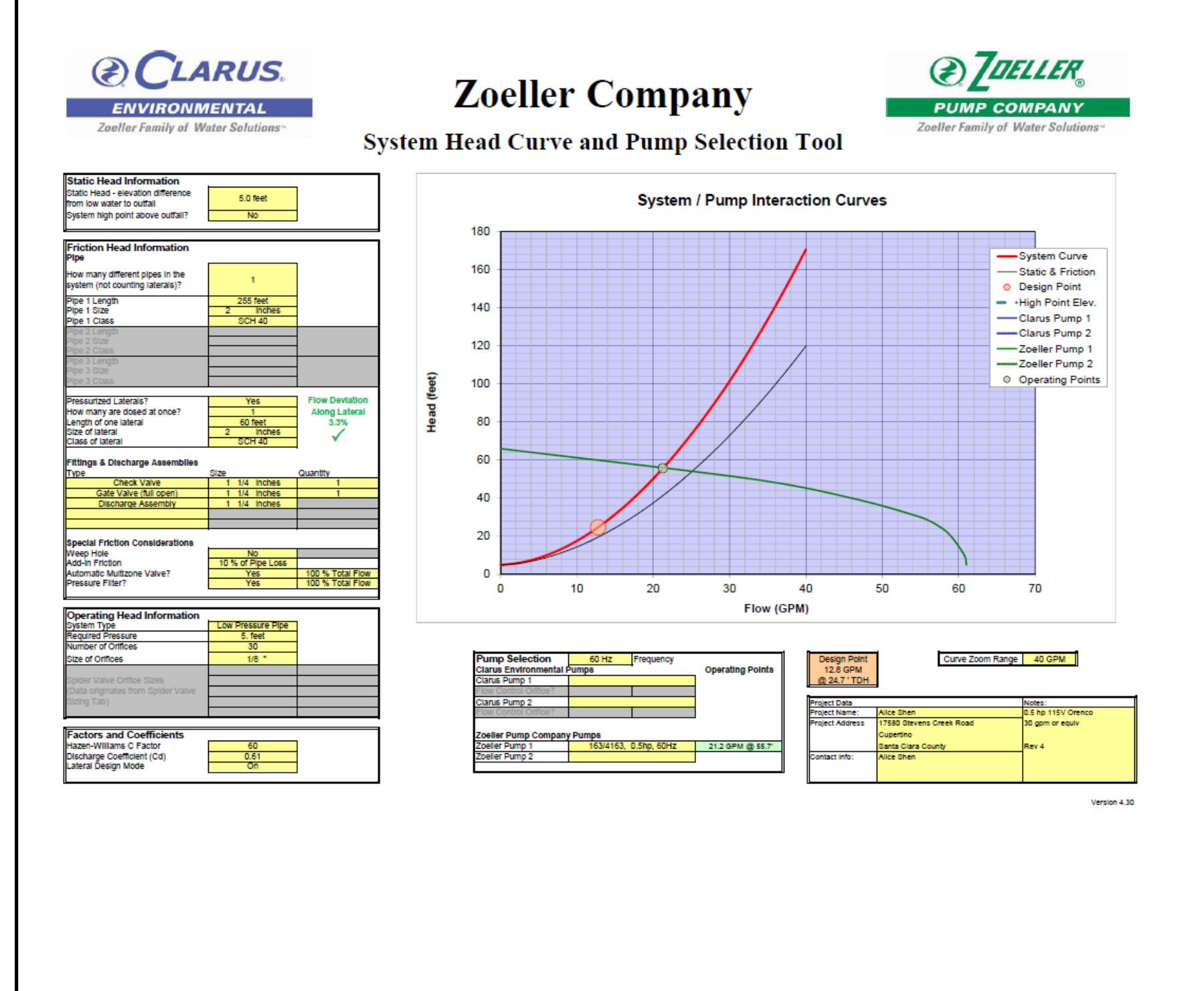
Soil Profile Log Sheet:

SOIL PROFILE LOG SHEET - (PER ASTM D 5921) table with columns for Depth, Color, Rock Fragments, Texture, Rock, Mottles, Structure, Rupture Resistance, Roots, Pores, Boundary, Water, and Limiting Depth. Includes handwritten notes and data for holes P-1 through P-6.

Perc Test Summary:

Perc Test Summary table showing test results for holes P-1 through P-6. Columns include Hole #, Depth, Start/Finish Time, Water Level, and MPI. Includes summary statistics at the bottom.

Pump Curve:



Construction Notes:

DESIGN SUMMARY- Pretreatment to PD
SETTLING TANK
Septic Tank: [N]1500 gallon two compartment septic tank, risers and lids
Dosing Tank: [N] 810 gallon single compartment dosing tank, riser
DESIGN SUMMARY
design flows: 150 gallons per day, 1 Br
soil application rate (SAR): 1.2 gpd / square feet
absorption area: 125 sf
trench dimensions: 60 ft L X 24 inches W X 42 in D] x2
INSPECTION SCHEDULE
All construction inspections shall be scheduled with both the designer and the Santa Clara County Department of Environmental Health -SCCDEH specialist at least 48 ho advance.

substitutions or modifications will require the prior approval by the designer and SCCDEH.
WATERTIGHT TESTING REQUIRED & SITE GRADING
Septic tank for primary residence will be subject to water tight verification. Access risers and water tight lids and secure fasteners are required for all tank openings. The septic tank shall be installed with 12 inches of soil cover and excess soil to mound over the tank. The risers shall extend to 4 inches above the finished ground surface with the grade sloped away from the lids and higher than the surrounding grade.
SITE PREPARATION
The ground must be verified to be sufficiently dry and that soil compaction will not occur. Prior to the start of construction, site conditions for soil moisture, field markings and construction staking is subject to verification by the designer and SCCDEH.

MAINTENANCE AND MONITORING
The homeowner shall comply with any agreement for maintenance between the property owner and a local service provider. An annual operating permit is a condition of the final construction approval.
SITE DRAINAGE CONSIDERATIONS
Any surface water run-off and roof drainage from down spouts from the residence must be connected to a sub drain and diverted away from the tanks and dispersal areas.
POST CONSTRUCTION MONITORING
Any potential saturation or flooding during periods of excessive rainfall shall be monitored and mitigated as required. Inspect the performance wells to verify the absence of effluent.
PRIMARY AND RESERVE AREA CONSTRUCTED
SCCDEH requires the installation of a 200% system including the reserve area. This plan includes the specifications for both the primary and reserve system and the sizing is based on the soil morphology and texture.

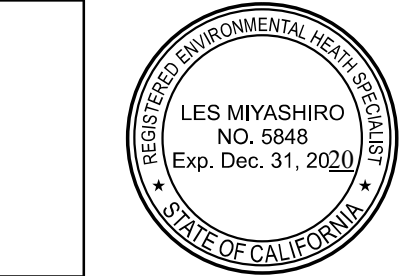
Table PD-3. Shallow Pressure Distribution System Management Requirements. Table with columns: Work, Frequency. Includes inspection, maintenance, water monitoring & sampling, and reporting tasks.

ADDITIONAL WELL REQUIREMENTS PER 3/6/2019 EMAIL
- A 100' annular seal will be required, condition of well permit
- Auto-chlorination must be included as part of the water system, condition of well permit
- The OWTS tightline is to be double-sleeved throughout the 50' well arc.
- In addition to the 100' well arc, a 50' sub-arc is to be included to highlight minimum setbacks.



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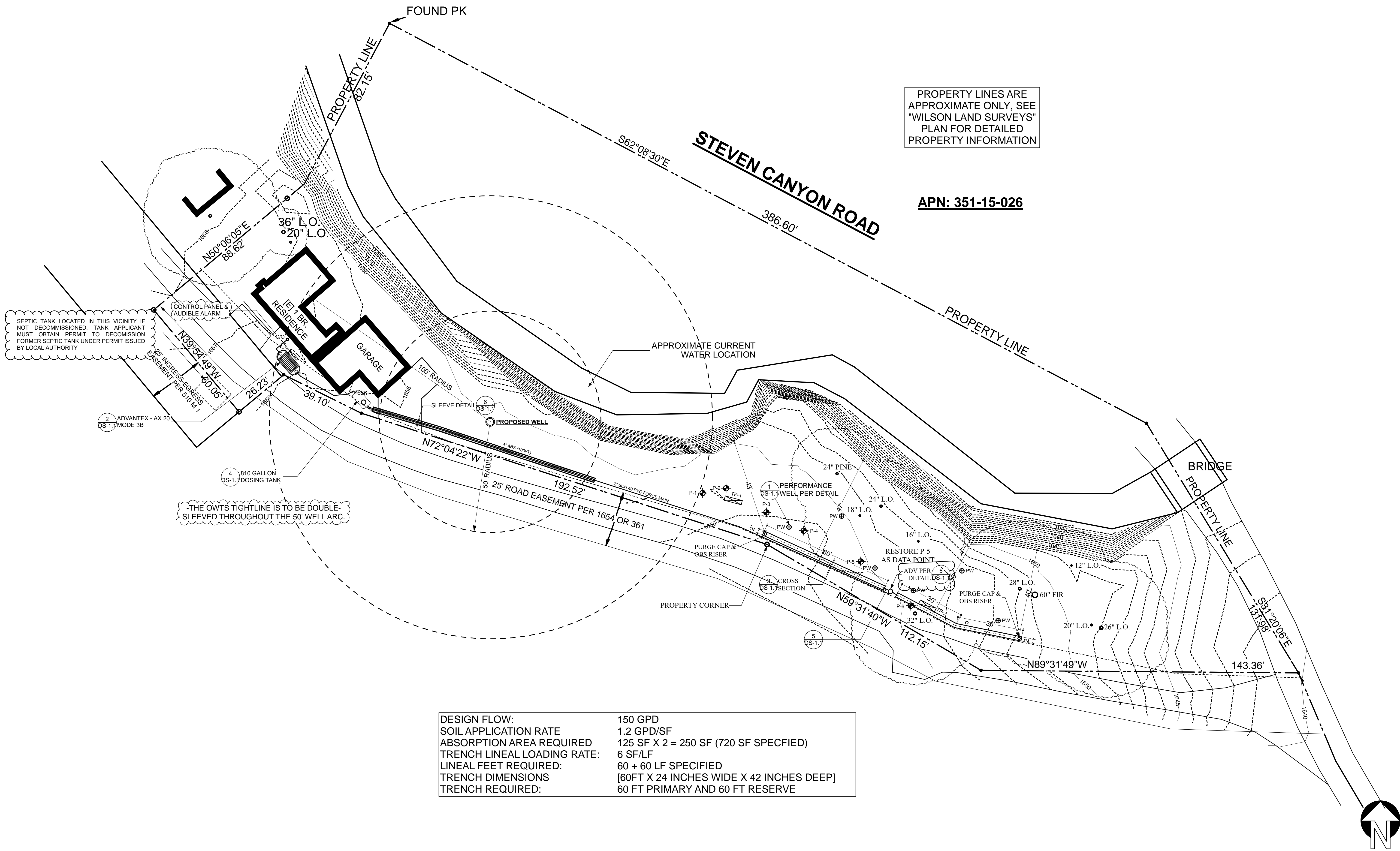
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Data Sheet

1 BEDROOM RESIDENTIAL
REMODEL & RESTORATION

REVISIONS table with columns: Revision #, Date, Description. Includes revision dates from 02/13/2019 to 04/12/2019. Also includes Project #18-13, Scale: NOTED, Date: 2019-04-11, and Page 1 of 3.



PROPERTY LINES ARE APPROXIMATE ONLY, SEE "WILSON LAND SURVEYS" PLAN FOR DETAILED PROPERTY INFORMATION

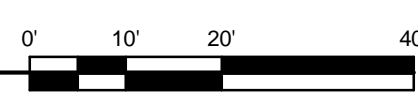
APN: 351-15-026

SEPTIC TANK LOCATED IN THIS VICINITY IF NOT DECOMMISSIONED, TANK APPLICANT MUST OBTAIN PERMIT TO DECOMMISSION FORMER SEPTIC TANK UNDER PERMIT ISSUED BY LOCAL AUTHORITY

THE OWTS TIGHTLINE IS TO BE DOUBLE-SLEEVED THROUGHOUT THE 50' WELL ARC.

DESIGN FLOW:	150 GPD
SOIL APPLICATION RATE	1.2 GPD/SF
ABSORPTION AREA REQUIRED	125 SF X 2 = 250 SF (720 SF SPECIFIED)
TRENCH LINEAL LOADING RATE:	6 SF/LF
LINEAL FEET REQUIRED:	60 + 60 LF SPECIFIED
TRENCH DIMENSIONS	[60FT X 24 INCHES WIDE X 42 INCHES DEEP]
TRENCH REQUIRED:	60 FT PRIMARY AND 60 FT RESERVE

Site Plan
Scale: 1" = 20'



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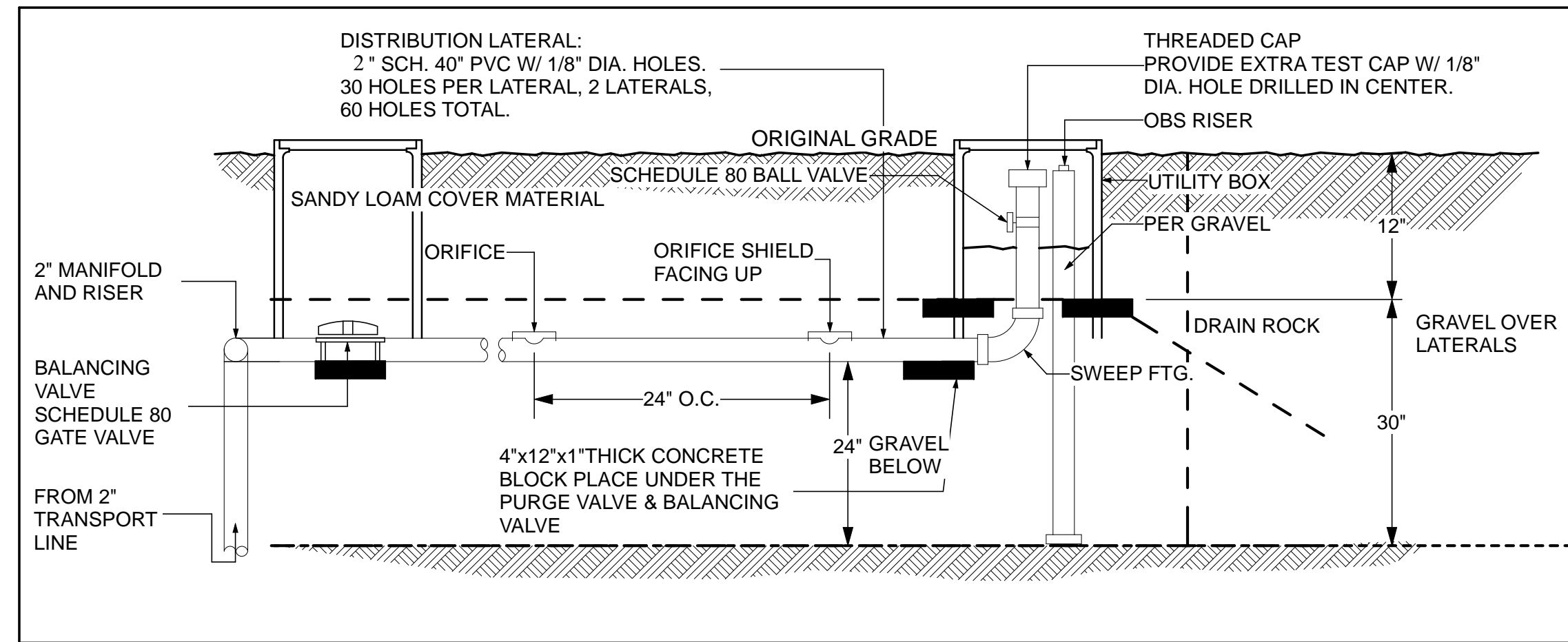


Site Plan

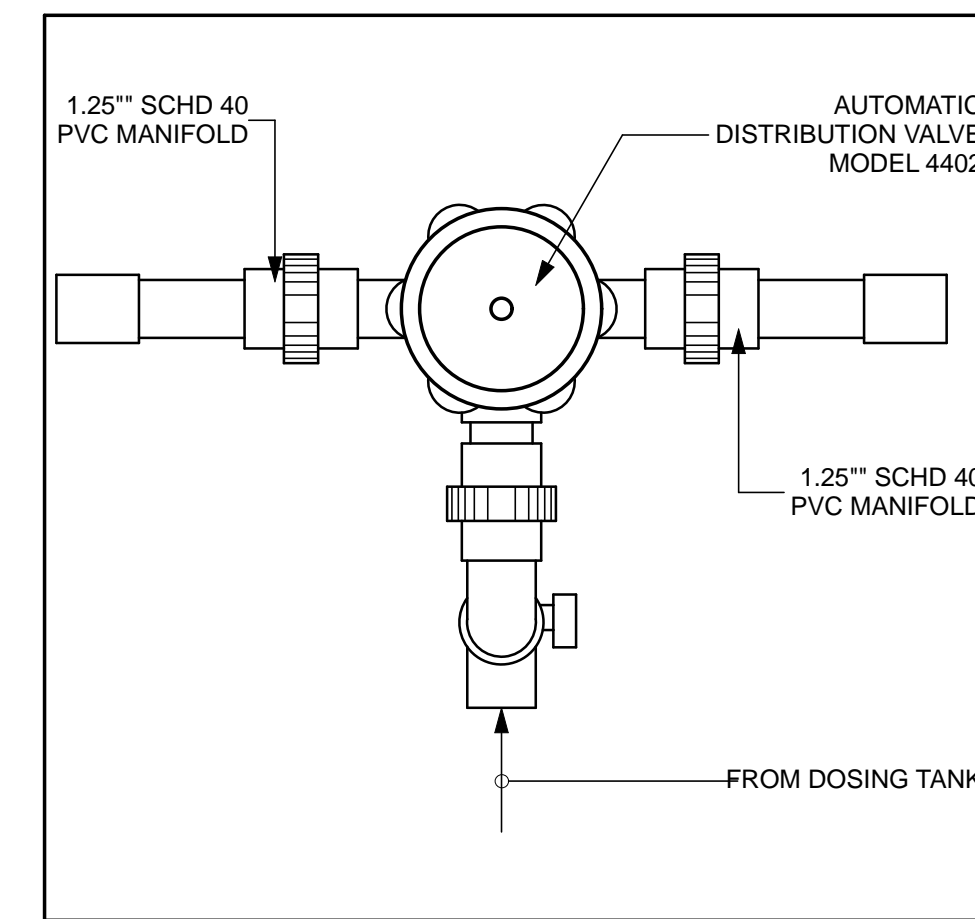
1 BEDROOM RESIDENTIAL
REMODEL & RESTORATION

REVISIONS	
R2	02/13/2019
R3	03/17/2019
R4	04/12/2019

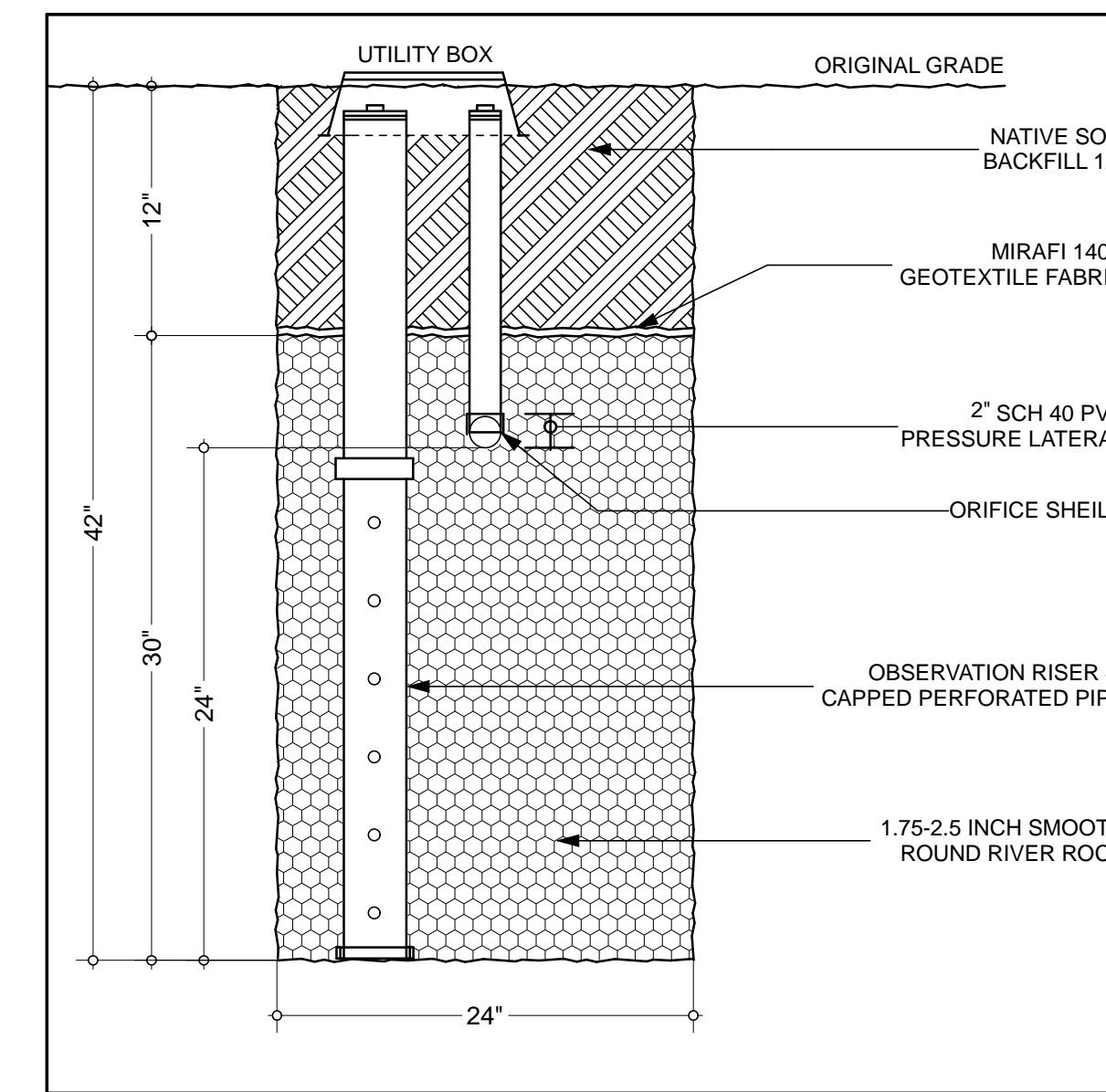
PROJ #18-13
SCALE: NOTED
2019-04-11
2 of 3



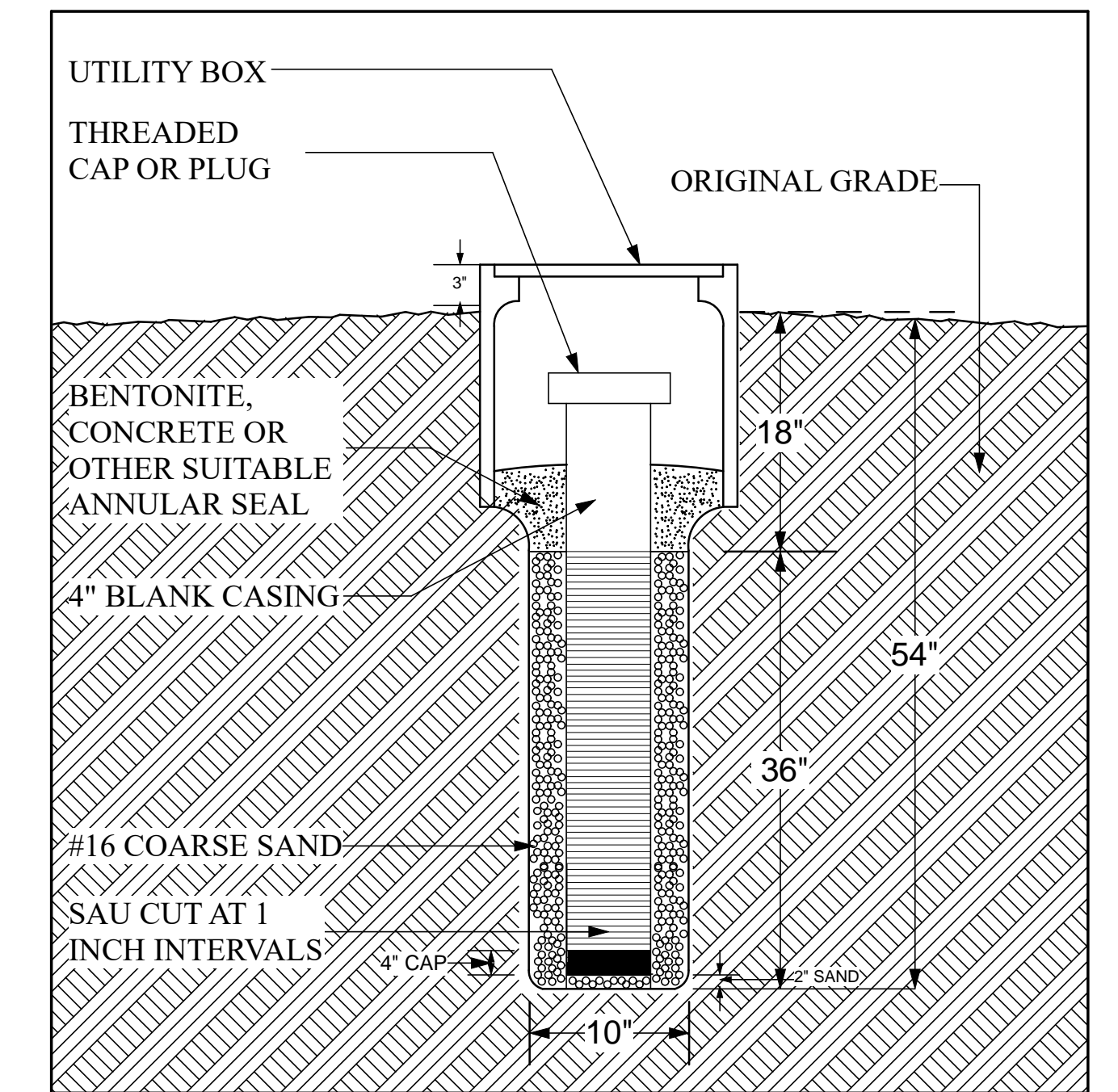
5 PD TRENCH X-SECTION VIEW
 DP-1.1 SCALE 1" = 1'-0"



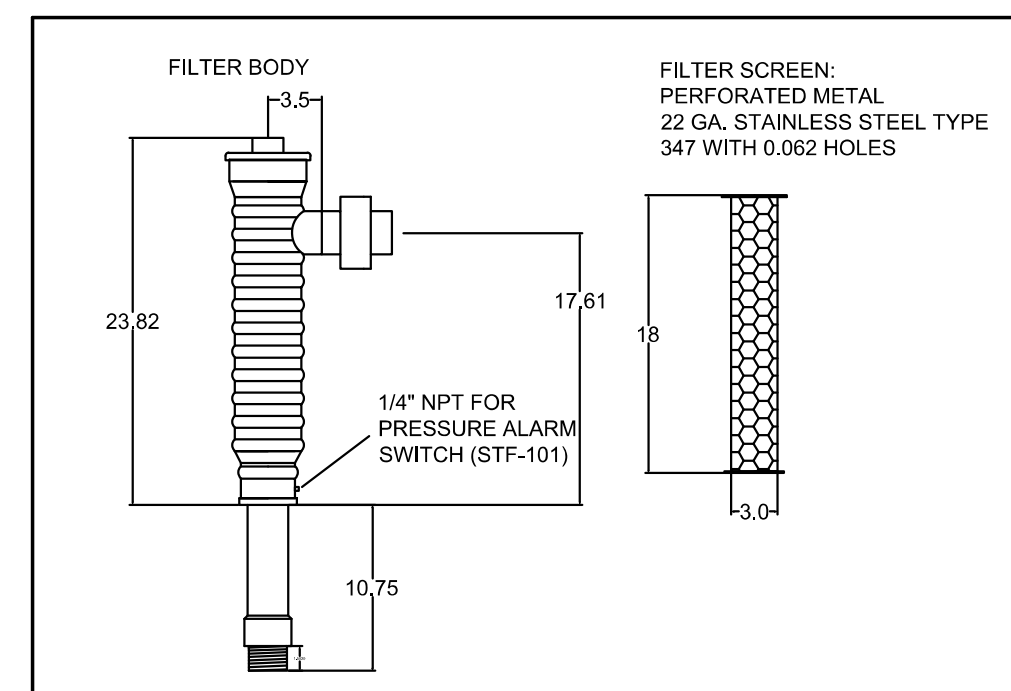
6 AUTOMATIC DISTRIBUTING VALVE - MODEL 4402
 DP-1.1 NOT TO SCALE



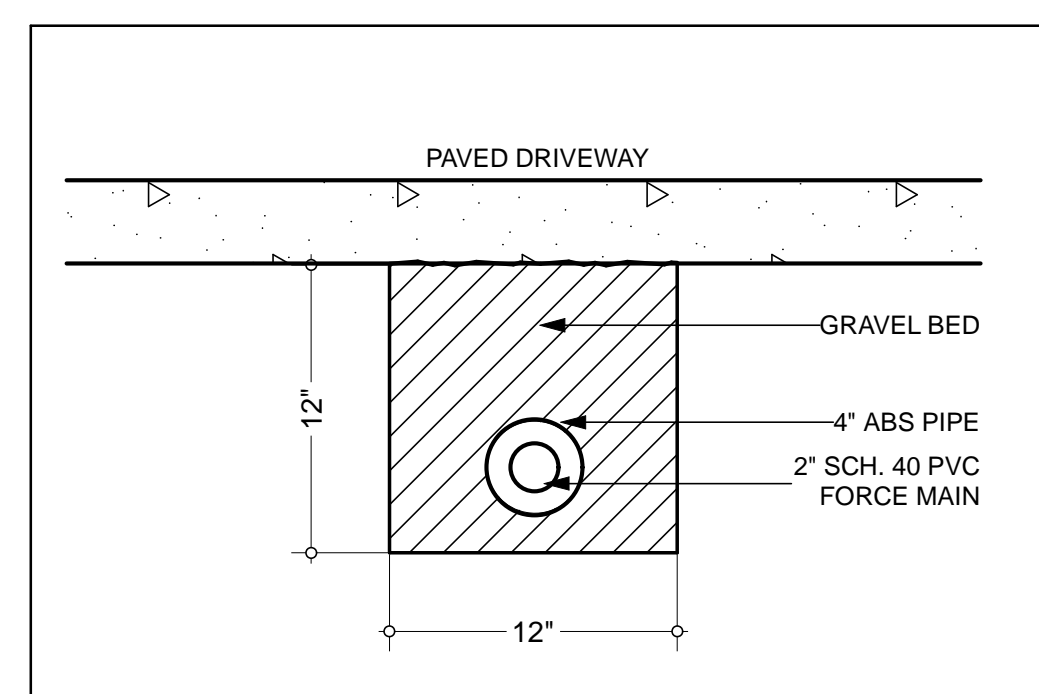
3 TRENCH X-SECTION
 DP-1.1 SCALE: 1/2" = 1'-0"



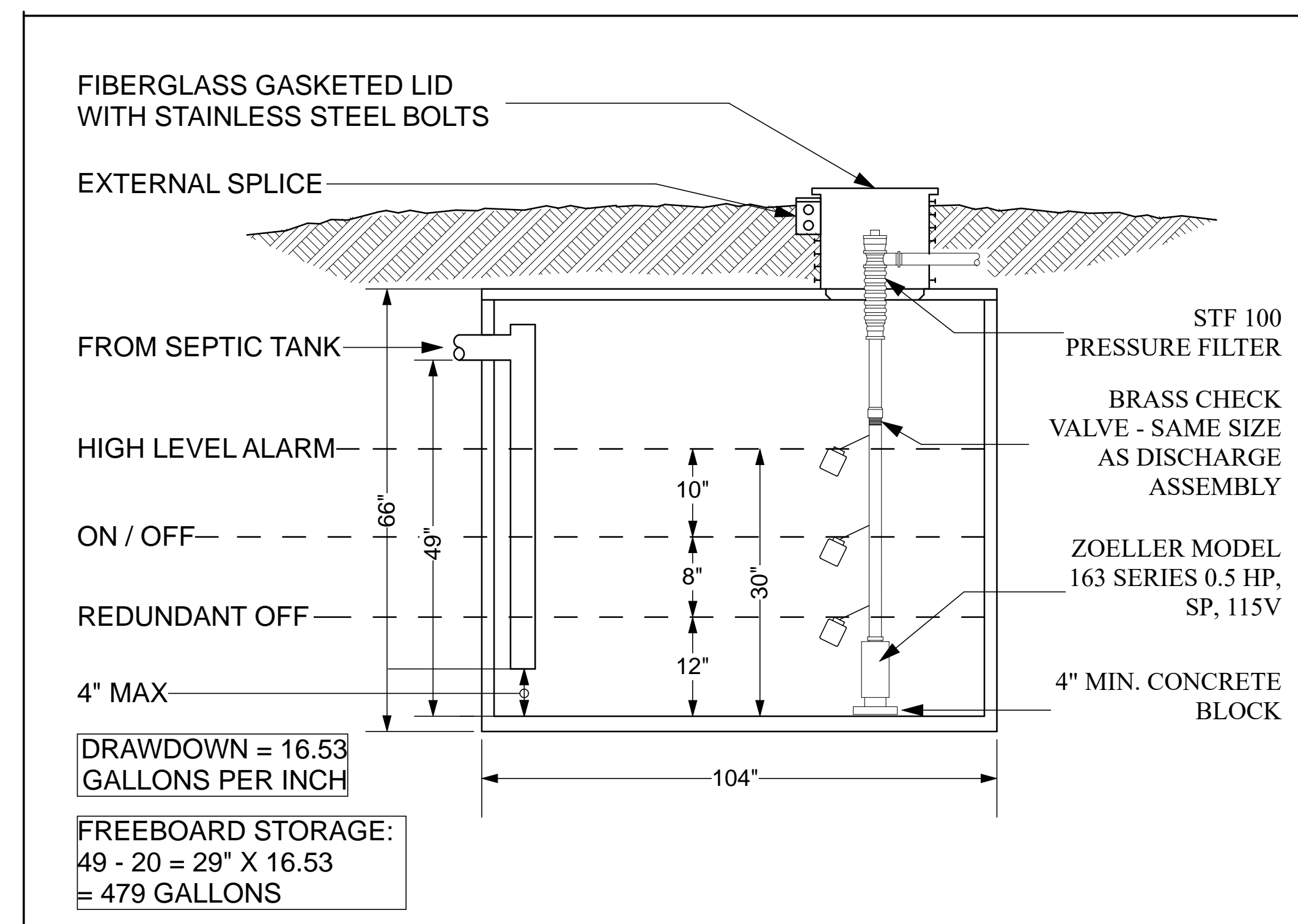
1 PERFORMANCE WELL
 DS-1.1 NOT TO SCALE



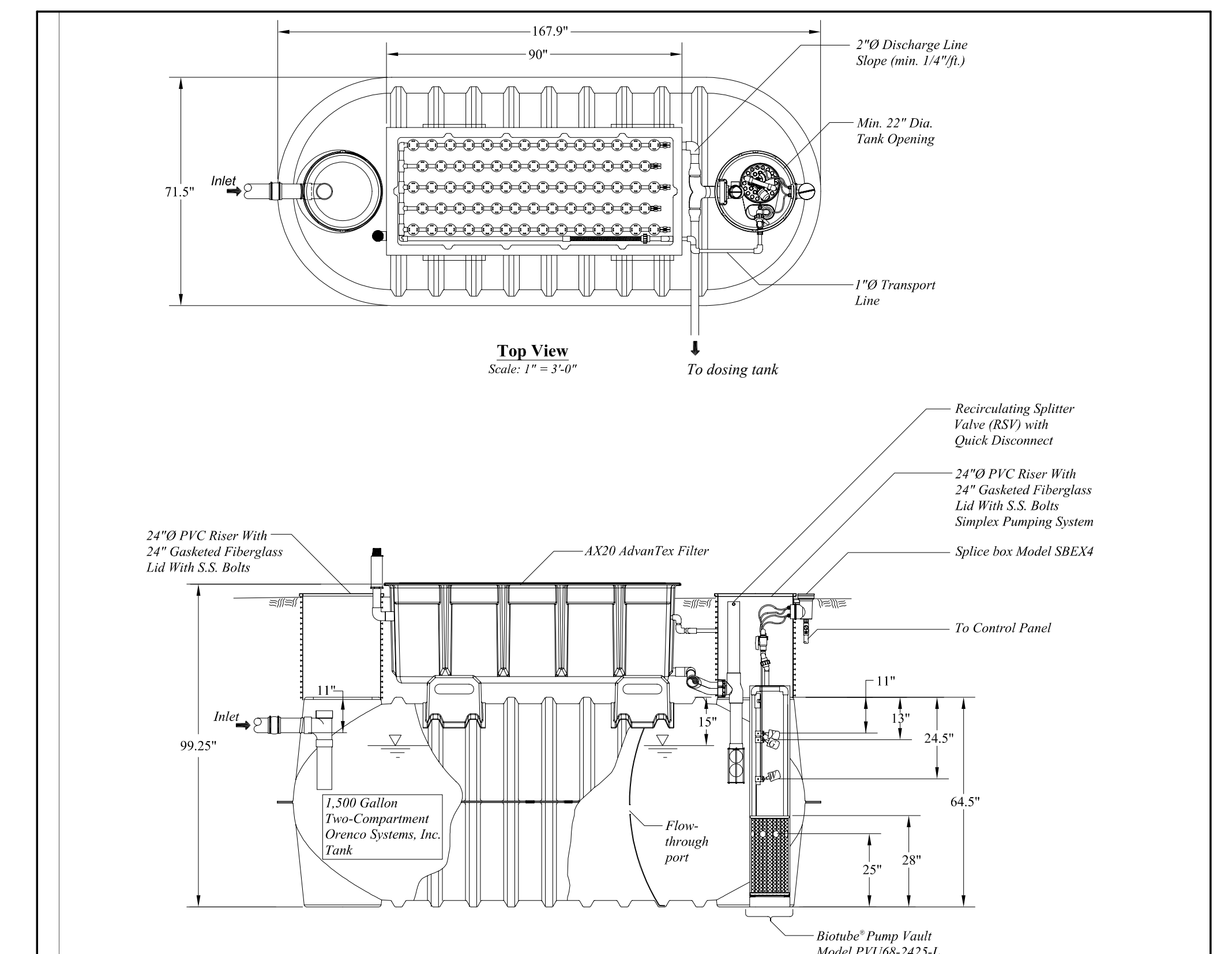
STF 100 PRESSURE FILTER
 DP-1.1



6 SLEEVE DETAIL
 DP-1.1 NOT TO SCALE



4 810 GALLON SELVAGE DOSING TANK
 DP-1.1 NOT TO SCALE



2 ADVANTEX-AX20 MODE 3B W/ FIBERGLASS TANK
 DS-1.1 NOT TO SCALE