



Clermont County Public Health

Prevent. Promote. Protect.

September 17, 2026

Re: Submitting Septic Rehab Bids

Dear Installer,

All itemized bids for Septic Rehab jobs must be returned to CCPH. Bids can be emailed to kstapleton@clermontcountyohio.gov, faxed to 513-732-7936, or mailed/dropped off to our office at 2275 Bauer Road, Batavia, OH 45103.

This job is funded by Ohio EPA's Water Pollution Control Loan Fund (WPCLF) and will require a performance bond if you are the low bidder. The cost of the bond is not an allowable cost according to OEPA guidance. **Please do not itemize the cost of the performance bond in your bid.**

After the work passes final inspection and the homeowner is satisfied with the work, you must submit a final invoice, a notarized contractor's affidavit, and a waiver of all liens. Payment requests will be processed as soon as they are received, and payment will be made in approximately one to two weeks.

If you have any questions about the grant job process or requirements, please call or email me.

Sincerely,

Katrina Stapleton
513-732-7601
kstapleton@clermontcountyohio.gov

Job description for septic remediation at: Lauren Callahan
3283 N Campbell Road
Bethel, OH 45106
(513) 404-0327

- Application (paid by homeowner) and Permit to Install (\$674.00) fees
- Confirm all household plumbing is tied into the septic system; plumbing permit required if fixtures need to be connected (\$95.00)
- Septic electrical permit (\$35.35) and inspection will be required
- Schedule a preconstruction conference before any work is completed.
- Maintain as-built.
- Use Clermont County Installation Manual for guidance
- All components of the septic system must maintain a 10' isolation distance from property lines.
- Install new building sewer using schedule 40 PVC pipe into pretreatment system. **Maintain a minimum of 1 % fall.**
- Install new ODH-approved pretreatment unit with UV or equivalent. Install a 1,000-gallon dosing tank if not integrated into the pretreatment unit.
- All tanks must pass an in-field watertight test.
- Install 8" SDR-35 dewatering/observation well in tank excavation.
- Install Type B (modified mound) structure designed for a 2-bedroom home. The structure's basal area is 15' x 94', with 4" of sand, as described in a separate attachment.
- Install 1.5" force main piping from dosing tank/pump basin to mound.
- All piping must be freeze protected and inspected prior to being covered.
- Install observation ports and lateral cleanout valve boxes in accordance with Clermont County General Health District's Installation Manual
- Use approved geotextile fabric.
- Install gradient drain around the perimeter of the mound with a pump basin.
- Final cover over mound should be 6-10 inches. Incorporate sand into cover to aid in air transfer. Topsoil over the mound should not exceed a 3 to 1 slope.
- Perform system start-up, checking distal heights and flow rate.
- Verify all components of the pretreatment unit are operating properly.
- Verify settings in the control panel are set properly. Check audible and visual alarms.
- Pump, crush, and fill the existing septic tank. Provide documentation/photos.
- Grade, seed, and straw areas disturbed by construction
- Remove all construction debris and surplus material from the property and leave the property in a neat and broom-clean condition upon completion of work

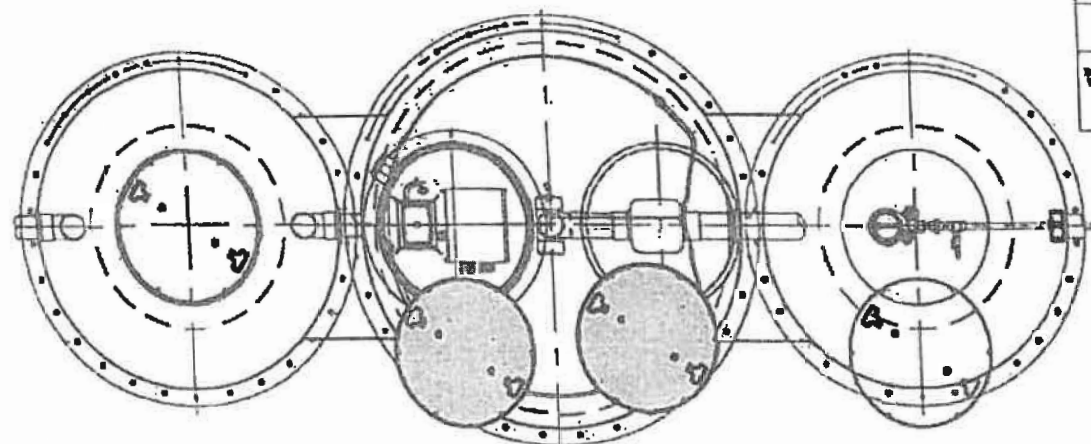
Bids due October 19, 2026



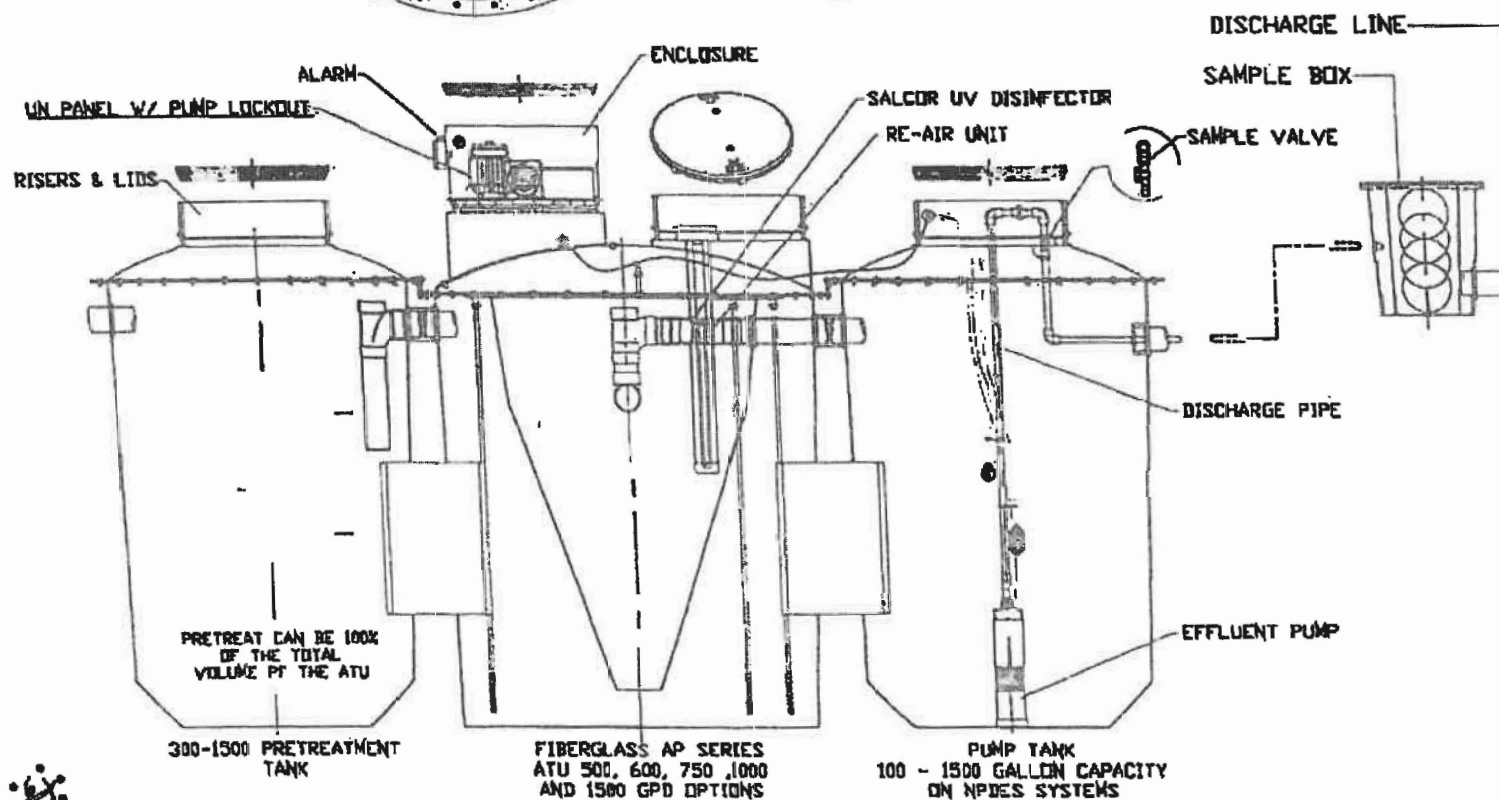
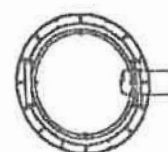
As Built drawing requirements:

- Legible and signed by installer with a statement “Installed in accordance with OAC 3701-29 Sewage Treatment Rules”
- Distances from system components having horizontal isolation distance requirements (Property lines, easements, driveways, ponds etc)
- A designated benchmark identified at the site
- Plan view of installed components including identification of specific products (e.g. brand name of tanks, pretreatment device), length of piping segments, grade shots to verify proper fall, elevations to document aggregate depth (e.g. existing grade at mound, top sand, top laterals, top gravel)
- List of materials to include make and model of tanks/pretreatment device, specifications and lengths of installed piping, aggregate types and tonnages, and compliance with system start up procedures.
- Other documentation as needed

THIS DRAWING IS THE SOLE PROPERTY OF AK/HA MANUFACTURING LLC



APPROVAL CHART							
APPROVED	DATE	BY	FOR	TEST	DATE	BY	FOR
AK/HA	11-15-13	AK/HA	11-15-13	AK/HA	11-15-13	AK/HA	11-15-13



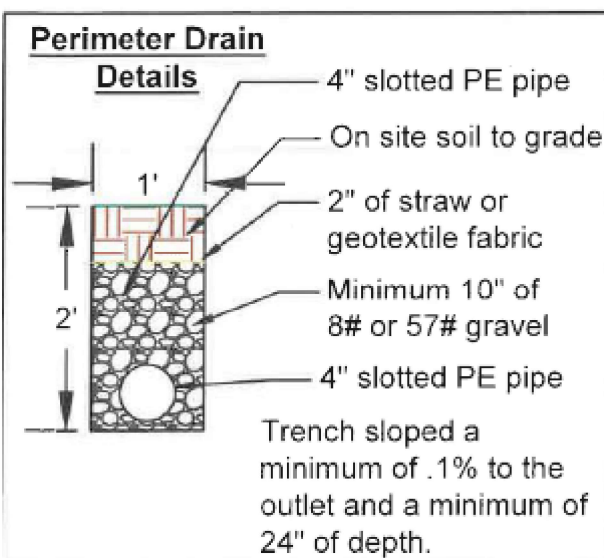
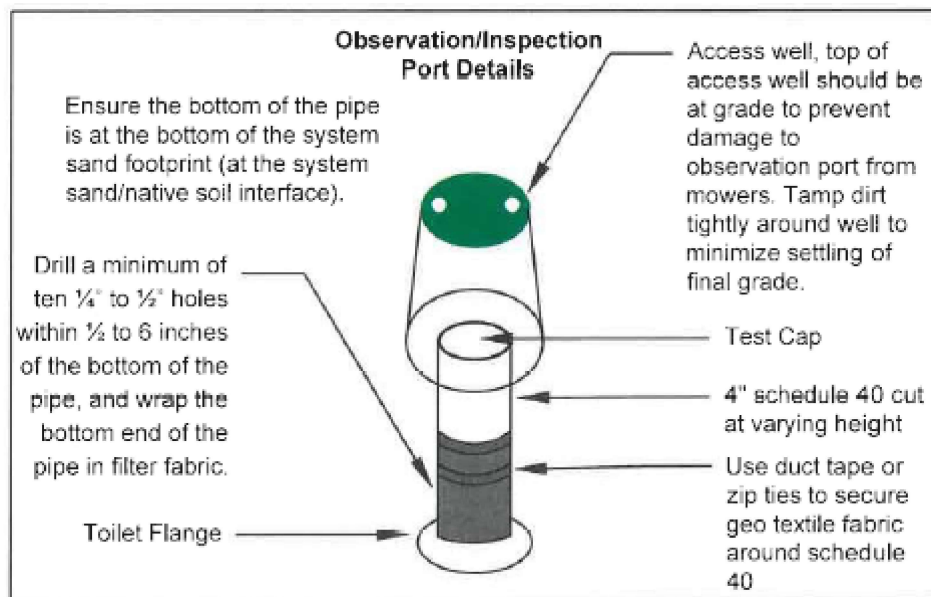
FIBERGLASS AP SERIES SNG-SALCOR UV W/ PUMP LOCKOUT

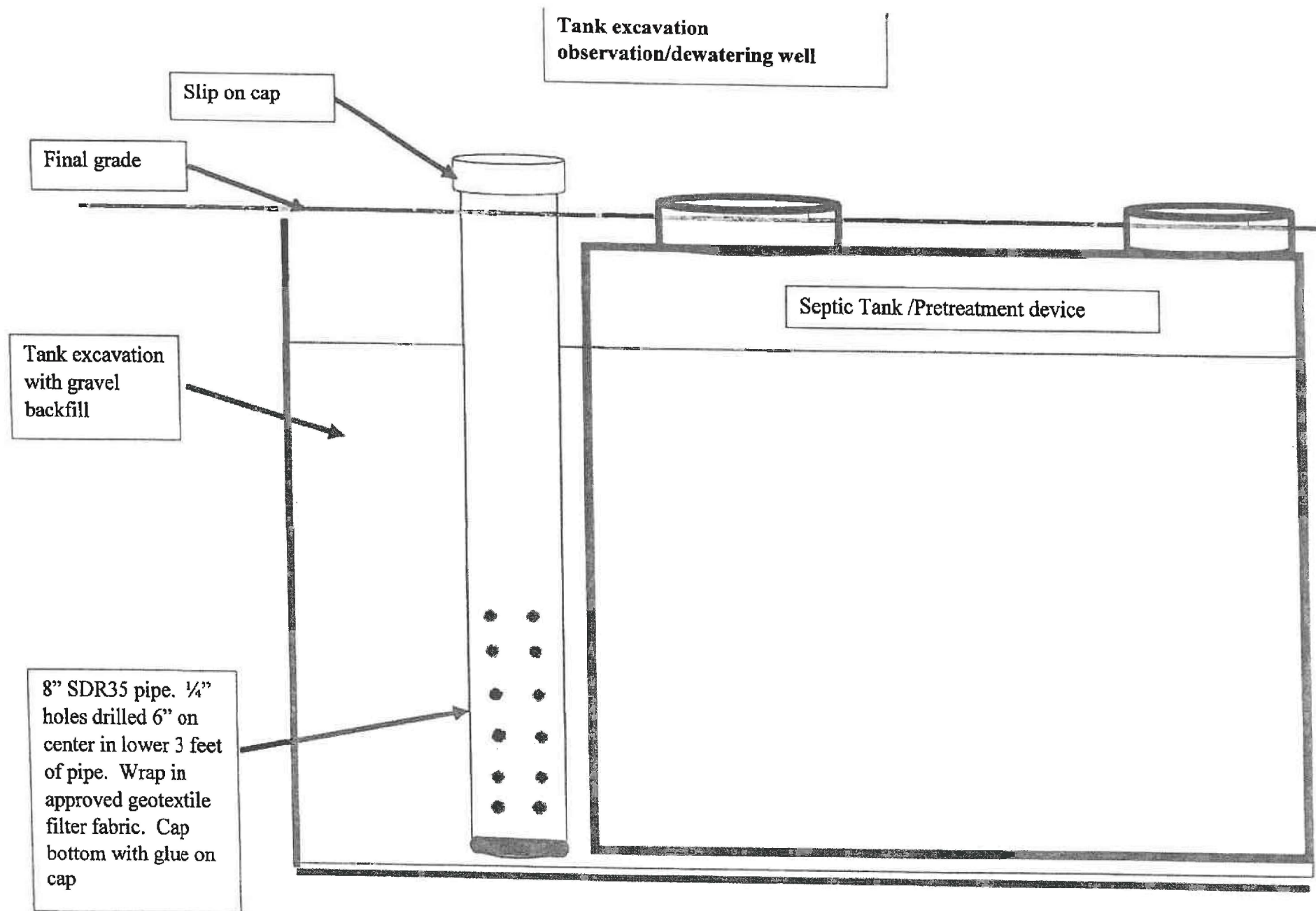
DATE:

3/18/13

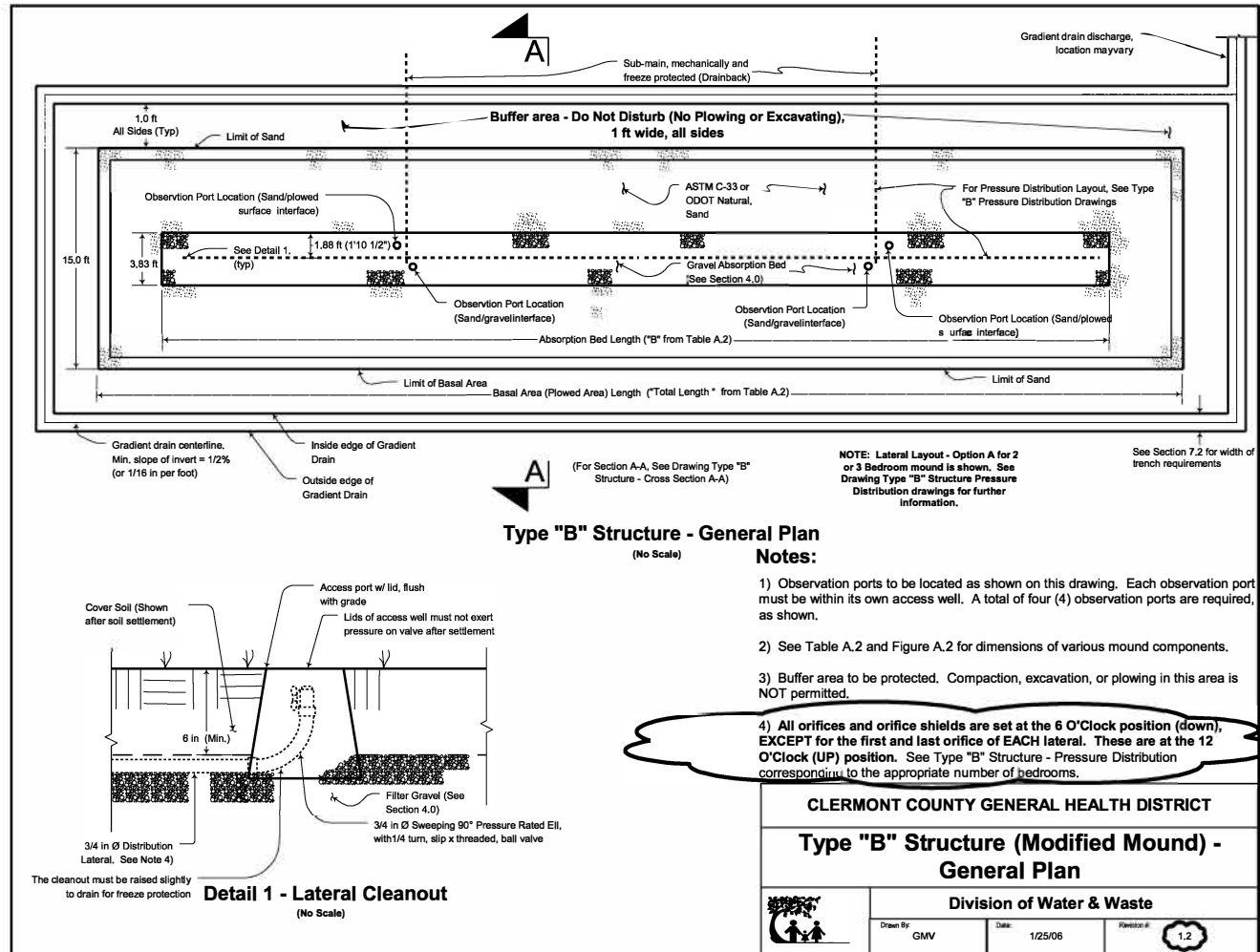
DESIGNED BY:

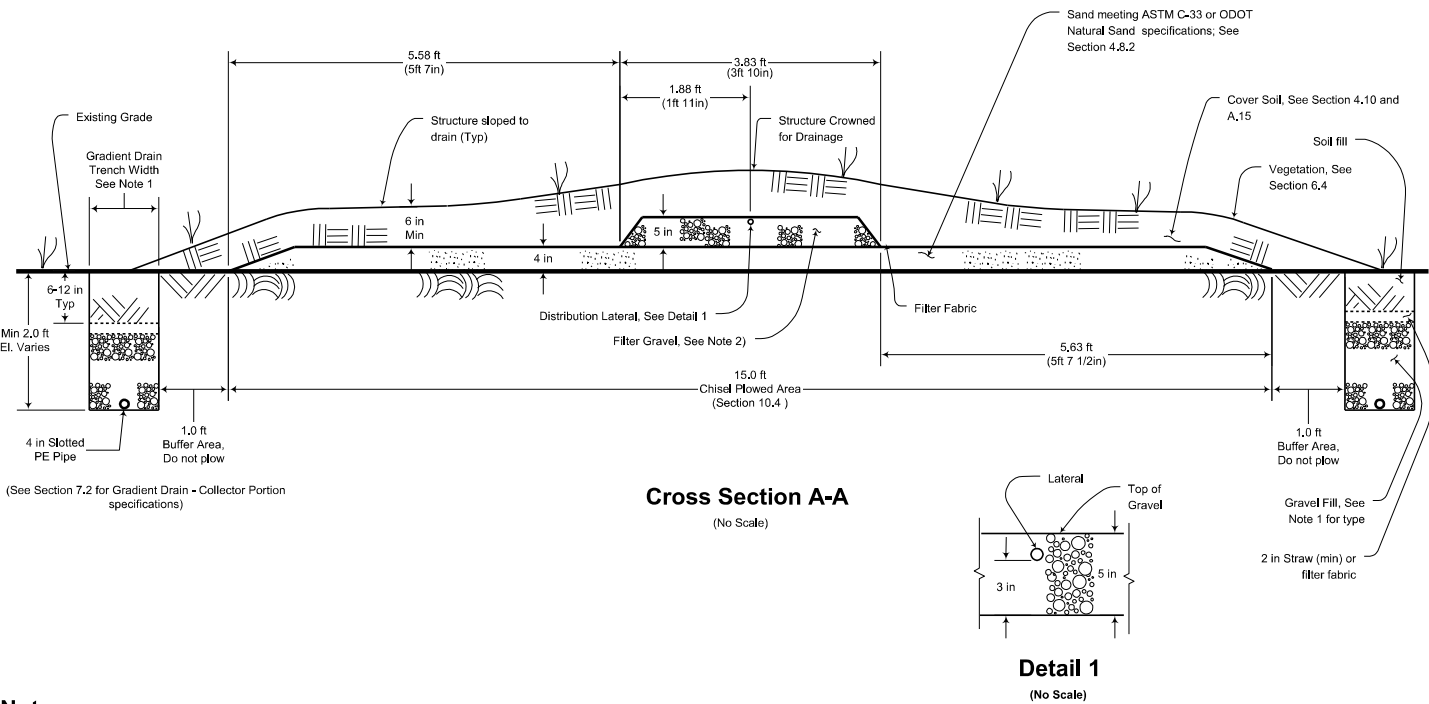
A.DAVIS





Not to Scale

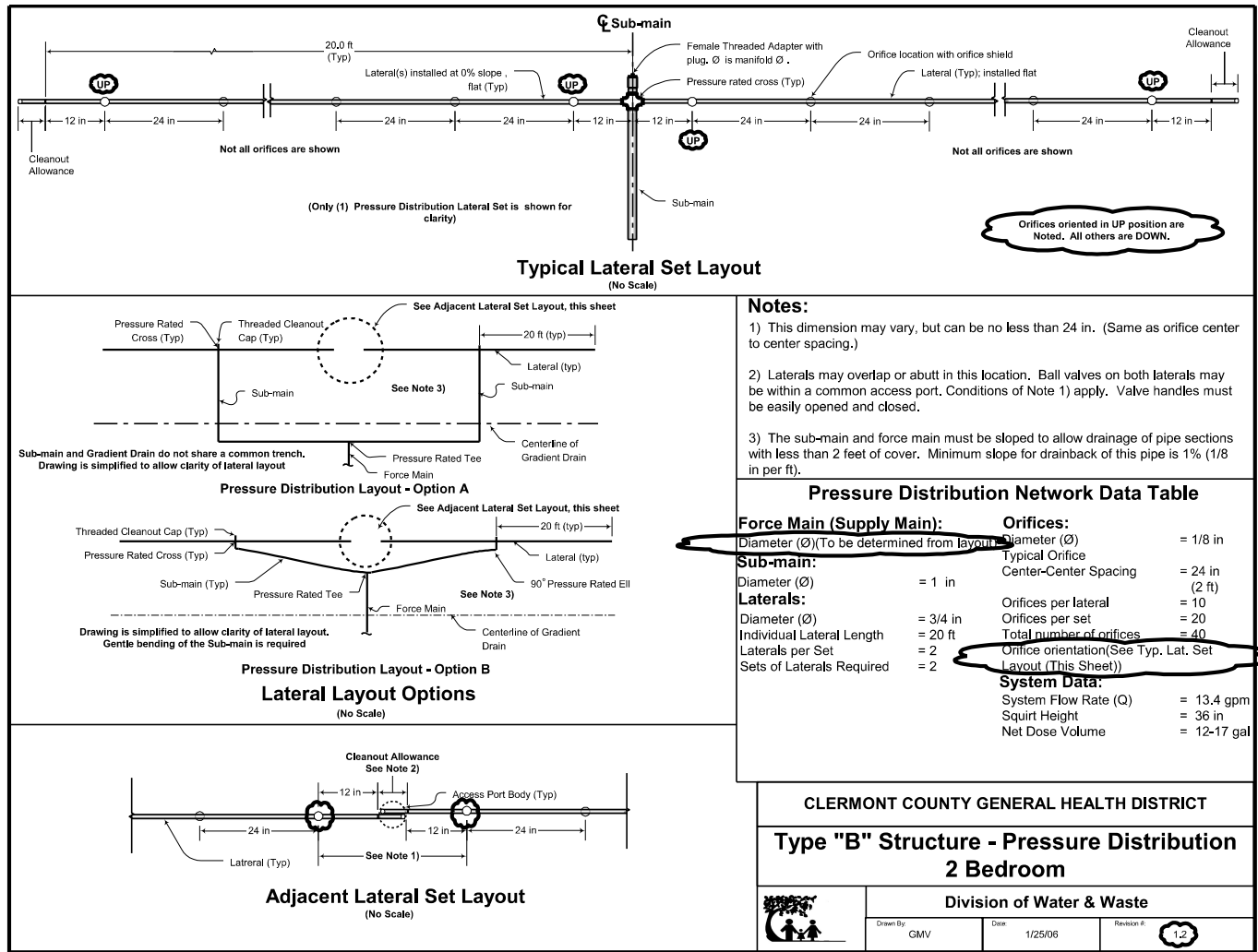




Notes:

- 1) The required aggregate backfill varies with the width of the excavated trench. See Section 7.2 for requirements. For aggregate specifications, See Section(s) 4.5, 4.6 or 4.7. If aggregate specified in Section 4.7 is used, then the requirements of Section 4.9 apply. This section requires special marking to allow for confirmation of pipe slope.
- 2) The specified aggregate(s) in this component are summarized in Table 4.1. See Sections 4.5, 4.6 or 4.7 for individual aggregate type specifications.
- 3) The Sub-main and force main must be sloped to allow drainback to the point where two (2) feet of cover over the force main is maintained. The minimum slope for drainback of these pipes is 1% (1/8 in per ft).

CLERMONT COUNTY GENERAL HEALTH DISTRICT			
Type "B" Structure (Modified Mound) Cross Section A-A			
Division of Water & Waste			
	Drawn By:	Date:	Revision #:
	GMV	12/27/04	1.1





Zoeller Company

System Head Curve and Pump Selection Tool

Static Head Information	
Static Head - elevation difference from low water to outfall	
System high point above outfall?	No

Friction Head Information	
Pipe	
How many different pipes in the system (not counting laterals)?	2
Pipe 1 Length	75 feet
Pipe 1 Size	1 1/2 inches
Pipe 1 Class	SCH 40
Pipe 2 Length	50 feet
Pipe 2 Size	1 1/2 inches
Pipe 2 Class	SCH 40
Pipe 3 Length	
Pipe 3 Size	
Pipe 3 Class	

Pressurized Laterals?	Yes
How many are dosed at once?	4
Length of one lateral	20 feet
Size of lateral	3/4 inches
Class of lateral	SCH 40

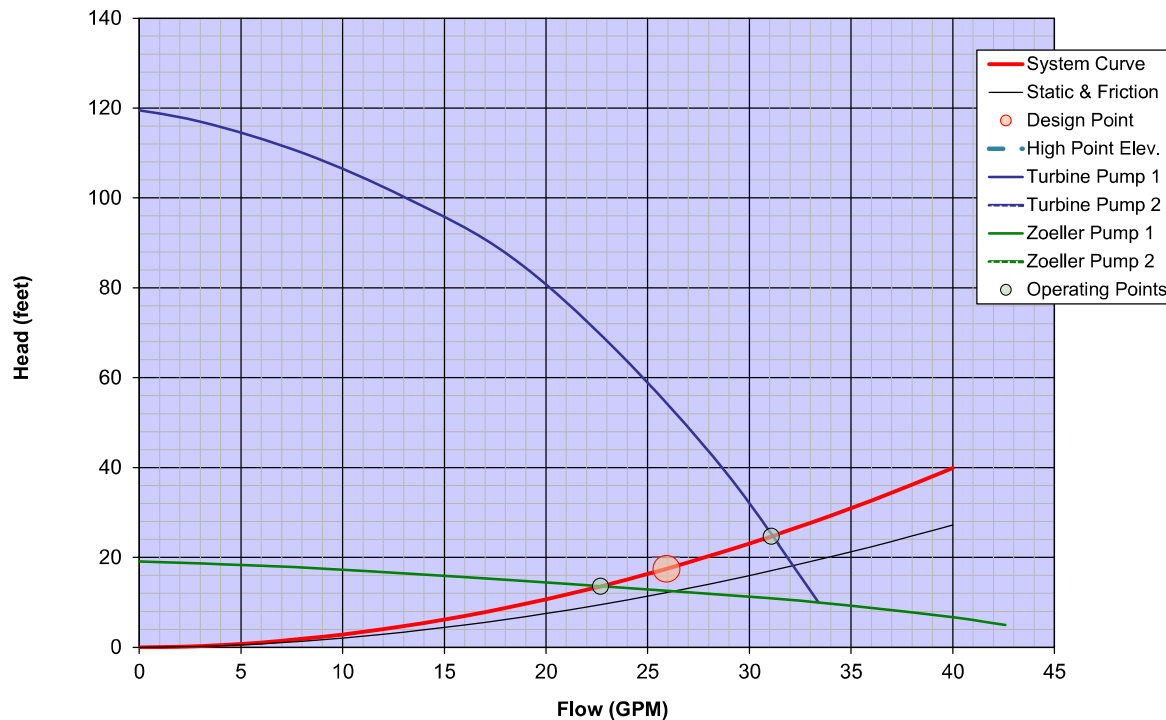
Fittings & Discharge Assemblies			
Type	Size	Quantity	Flow
90 Elbow	1 1/2 inches	6	100 %
45 Elbow	1 1/2 inches	2	100 %
Tee (through flow)	1 1/2 inches	1	100 %
Gate Valve (full open)	1 1/2 inches	1	100 %
Check Valve	1 inches	1	100 %

Special Friction Considerations	
Weep Hole	Yes
Add-In Friction	15 % of Pipe Loss
Automatic Multizone Valve?	No
Pressure Filter?	No

Operating Head Information	
System Type	Low Pressure Pipe
Required Pressure	5. feet
Number of Orifices	60
Size of Orifices	1/8 "
Spider Valve Orifice Sizes (Data originates from Spider Valve Sizing Tab)	

Factors and Coefficients	
Hazen-Williams C Factor	130
Discharge Coefficient (Cd)	0.61
Lateral Design Mode	Off

System / Pump Interaction Curves



NOTE: THE DISPLAYED PUMP CURVES HAVE BEEN ADJUSTED TO ACCOUNT FOR THE EFFECT OF THE WEEP HOLE

Pump Selection	60 Hz	Frequency
Zoeller Turbine Effluent Pumps		
Turbine Pump 1	5032-0006, 27gpm, 0.5hp	Operating Points
Flow Control Orifice?	No	
Turbine Pump 2		
Flow Control Orifice?		
Zoeller Centrifugal and Progressing Cavity Pumps		
Zoeller Pump 1	53/55/57/59, 0.3hp, 60Hz	22.7 GPM @ 13.6'
Zoeller Pump 2		

Design Point
25.9 GPM
@ 17.5 ' TDH

Curve Zoom Range
40 GPM

Project Data	Notes:
Project Name:	
Project Address	
Contact Info:	