

June 17, 2026

*Ring W. Lardner, P.E.
W. Zachary Crouch, P.E.
Michael E. Wheedleton, AIA, LEED GA
Jason P. Loar, P.E.
Jamie L. Sechler, P.E.*

DNREC, Division of Water
Ground Water Discharge Section
89 Kings Highway
Dover, Delaware 19901

Attn: Mr. Derrick Caruthers
Environmental Engineer

RE: Vines Creek Crossing Section I – DNREC Temporary Holding Tank Permit
Temporary Holding Tank Permit
Sussex County, Delaware
DBF #0700C004

Dear Mr. Caruthers:

On behalf of our client, DRP Greenbough 44, LLC, we are submitting the attached application for an on-site wastewater system utilizing a temporary holding tank. The temporary holding tank relies solely on the volume of storage provided by the manholes and gravity pipes to be installed for the Section 1 collection system. The system provides adequate capacity, pumped once every two days, for 50 units.

The project is located in Vines Creek Crossing – Section I subdivision located along Pepper Road in Frankford, Delaware. At full build out, all units of Section 1 are to flow via gravity sewer to a proposed pump station located within the site. The sewer provider for the subdivision is Sussex County.

As part of our application we are enclosing the following items and information:

- DNREC application permit
- Site plan showing system with supporting volume calculations
- Sussex County No Objection Email
- Sussex County Engineering Approval Letter
- Wastewater Construction Permit
- A copy of the agreement for a licensed operator and hauler
- Specifications for the alarm system
- System storage calculations

The volume of 29,922 gallons has been calculated to exceed DNREC requirements as we are providing 3.40' of freeboard from the lowest manhole rim. The alarm for the system is to be set at an elevation of 27.13' which alerts to an 80% full system.

The design flows for the temporary holding tank are shown below:

SEWER DESIGN FLOWS		
50		EDUs
300	gpd	Avg. Daily Flow/EDU
15,000	gpd	Avg. Daily Flow (Qa)
2		Population per EDU
0.100	(Thousands)	Total Population
3.5		Ratio of Peak Flow to Daily Average Flow
10.42	gpm	Average Daily Sewer Flow (ADF/1440)
36.46	gpm	Peak Hourly Flow (Qmax)

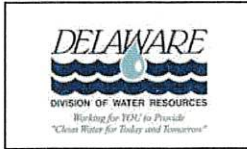
Based on the information we are providing above, we respectfully request an On-site Wastewater Permit for a Temporary Holding Tank for 50 homes.

Should you have any questions or need additional information, please feel free to contact me at 302-424-1441 or csw@dbfinc.com.

Sincerely,
DAVIS, BOWEN & FRIEDEL, INC.



Chad S. Warren, P.E.
Associate / Sr. Civil Engineer



APPLICATION - PERMIT
ON-SITE WASTEWATER SYSTEM



(Please Type or Print Legibly)

OWNER'S NAME: DRB Greenbough 44, LLC (attn. David Steele) PHONE: 302-258-7271

ADDRESS: 1285 Drummers Ln., Suite 100, Wayne, PA

PROJECT LOCATION: The Granary At Draper Farm, Milton, DE 19087

TAX/MAP #: 533-4.00-28.00

APPLICATION PREPARER: Davis, Bowen & Friedel, Inc. DNREC LICENSE #: _____

PREPARER'S ADDRESS: 1 Park Ave, Milford, DE 19963

PHONE: (302) 424-1441

I hereby affirm that the information provided on this document is accurate and complete.

Preparer's Signature: CH/SW Date: 6/24/2026

By signing this permit application, the preparer further certifies they were physically present at the site.

-SEPTIC DESIGN CRITERIA-

(Please check all boxes that apply)

System Type: (CF = Cap & Fill / FD = Full Depth)

- | | |
|--|--|
| ☐ Gravity (FD) | ☐ Permanent Holding Tank |
| ☐ Gravity (CF) | ☐ Elevated Sand Mound |
| ☐ Pressure Dose (FD) | ☐ Wisconsin At-Grade |
| ☐ Pressure Dose (CF) | ☐ Subsurface Micro Irrigation |
| ☐ Low Pressure Pipe (FD) | ☐ Peat Bio- Filter |
| ☐ Low Pressure Pipe (CF) | ☐ Other _____ |
| ☒ Temporary Holding Tank | |

- ☐ Bed or ☐ Trench
- ☐ Gravelless Chamber ☐ Stone/Gravel ☐ Tire Chips
- Sand-lined ☐ Yes ☐ No

Existing System Malfunctioning ☐ Yes ☐ No ☒ N/A

Pre-Treatment Units

- ☐ Septic Tank
- ☐ Other _____

Central Water Available ☒ Yes ☐ No

(If yes, please state Utility Name: Artesian Water Company, Inc.)

Type of Construction:

- ☐ Replacement
- ☒ New Construction
- ☐ Component Replacement
- Component: _____
- ☐ Repair to Existing System
- Reason: _____

☐ Authorization to Use Existing System

Permit #: _____

Present Condition: _____

Structure to be connected: _____

of Bedrooms: _____

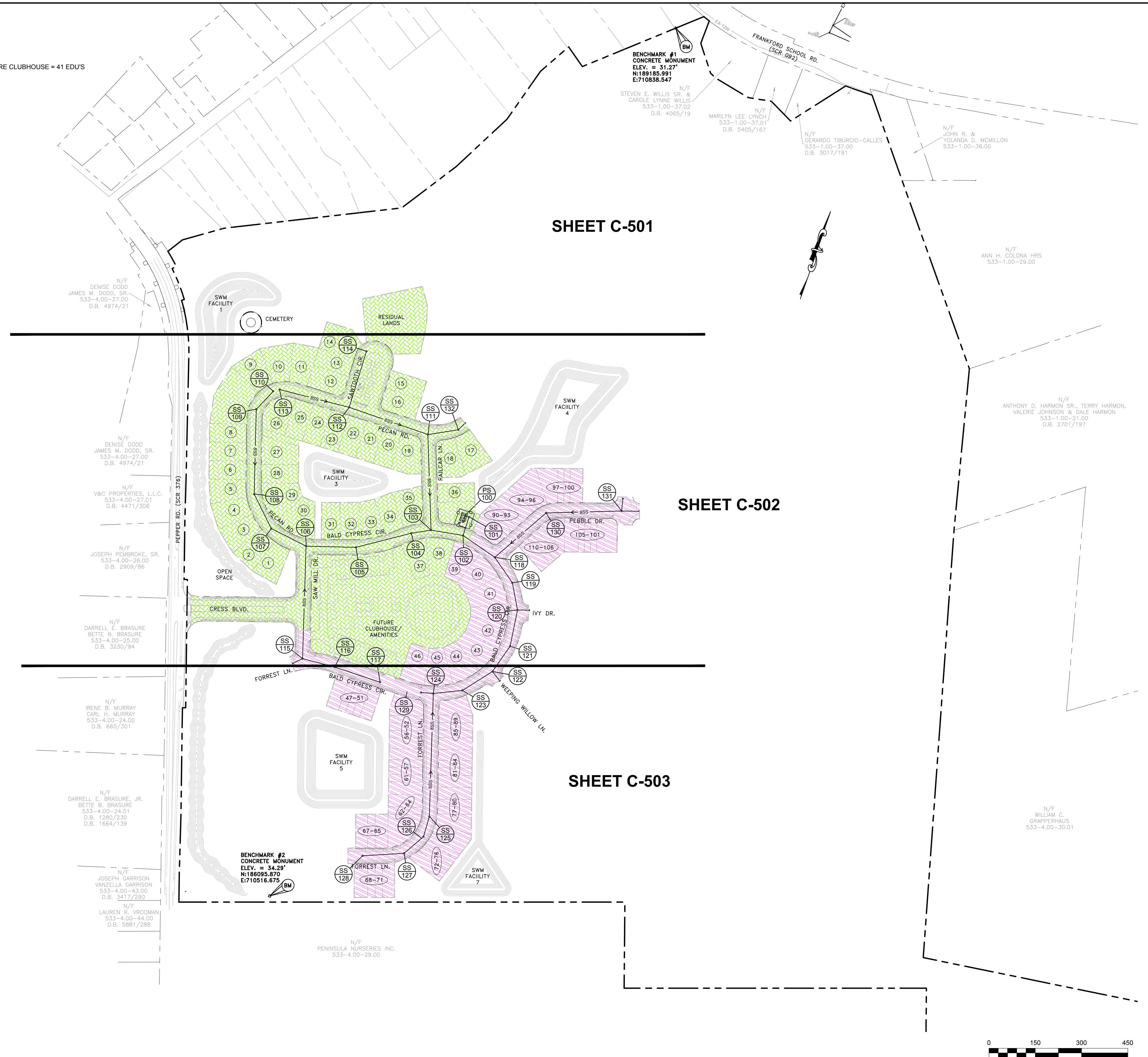
Avg. Percolation Rate: _____

Gallons Per Day Flow: _____

Minimum Sq. Ft. Rcq'd: _____

Sq. Ft. Proposed: _____

PHASE 2 - LOTS 39-110 = 72 EDU'S



dbf **DAVIS BOWEN & FRIEDEL, INC.**
ARCHITECTS • ENGINEERS • SURVEYORS

EASTON, MARYLAND 410.770.4744
MILFORD, DELAWARE 302.424.1441
SALISBURY, MARYLAND 410.343.9091

VINES CREEK CROSSING
SECTION I
PEPPER RD. (SCR 376) & FRANKFORD SCHOOL RD. (SCR 092)
TOWN OF FRANKFORD, SUSSEX COUNTY, DELAWARE

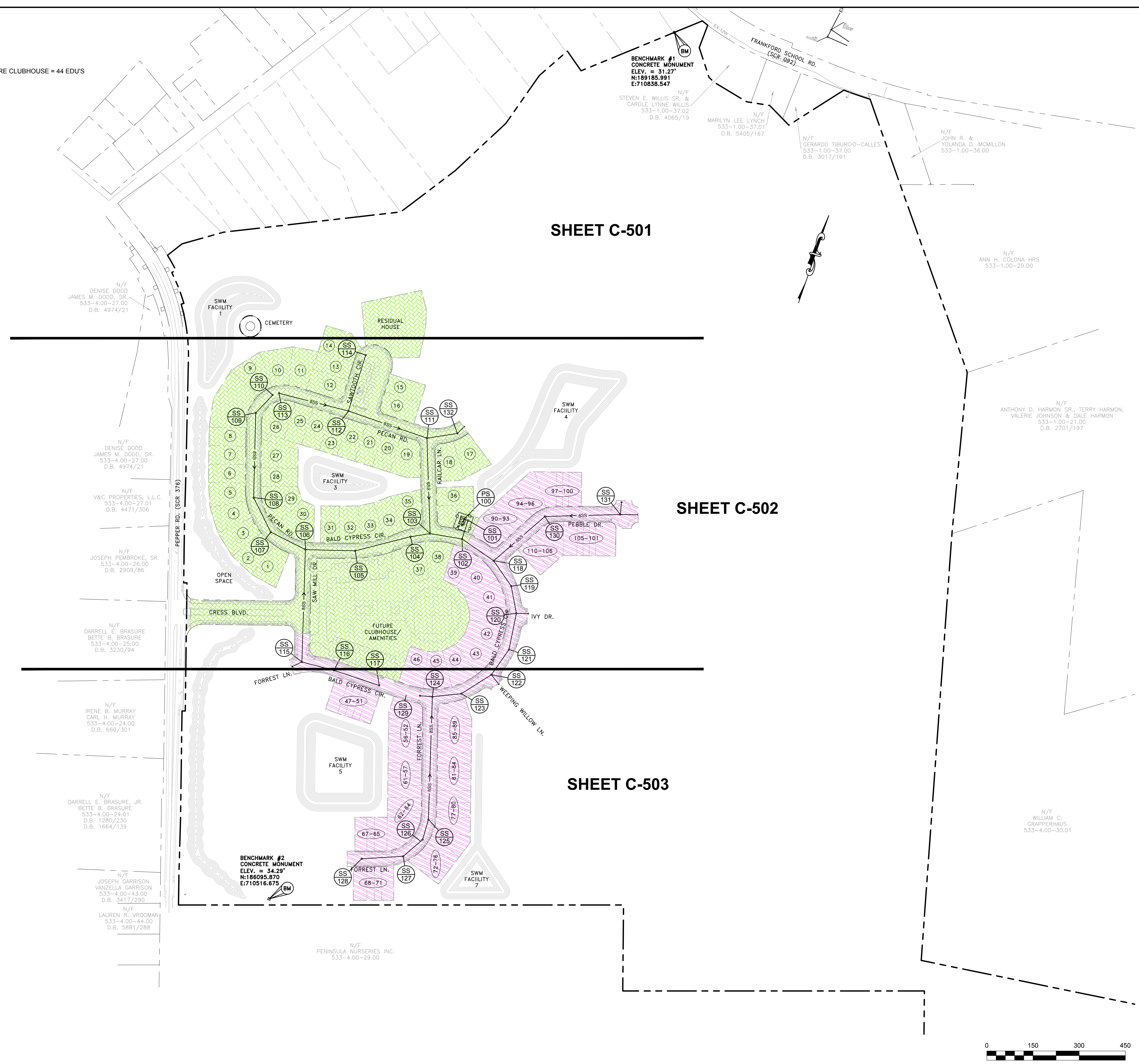
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DATE:	JUNE 2024
SCALE:	1"=150'
By:	DJR
No.:	0700C004

SEWER OVERVIEW & LIFTING PLAN

No.: **C-500**

PHASE 2 - LOTS 39-110 = 72 EDU'S



**DAVIS
BOWEN &
FRIEDEL, INC.**

ARCHITECTS • ENGINEERS • SURVEYORS

SALESBURG, MARYLAND
410.543.9091

ANLPOD, DELAWARE
302.424.1441

EASTON, MARYLAND
410.770.4744

**VINES CREEK CROSSING
SECTION I
PEPPER RD. (SCR 376) & FRANKFORD SCHOOL RD. (SCR 092)
TOWN OF FRANKFORD, SUSSEX COUNTY, DELAWARE**

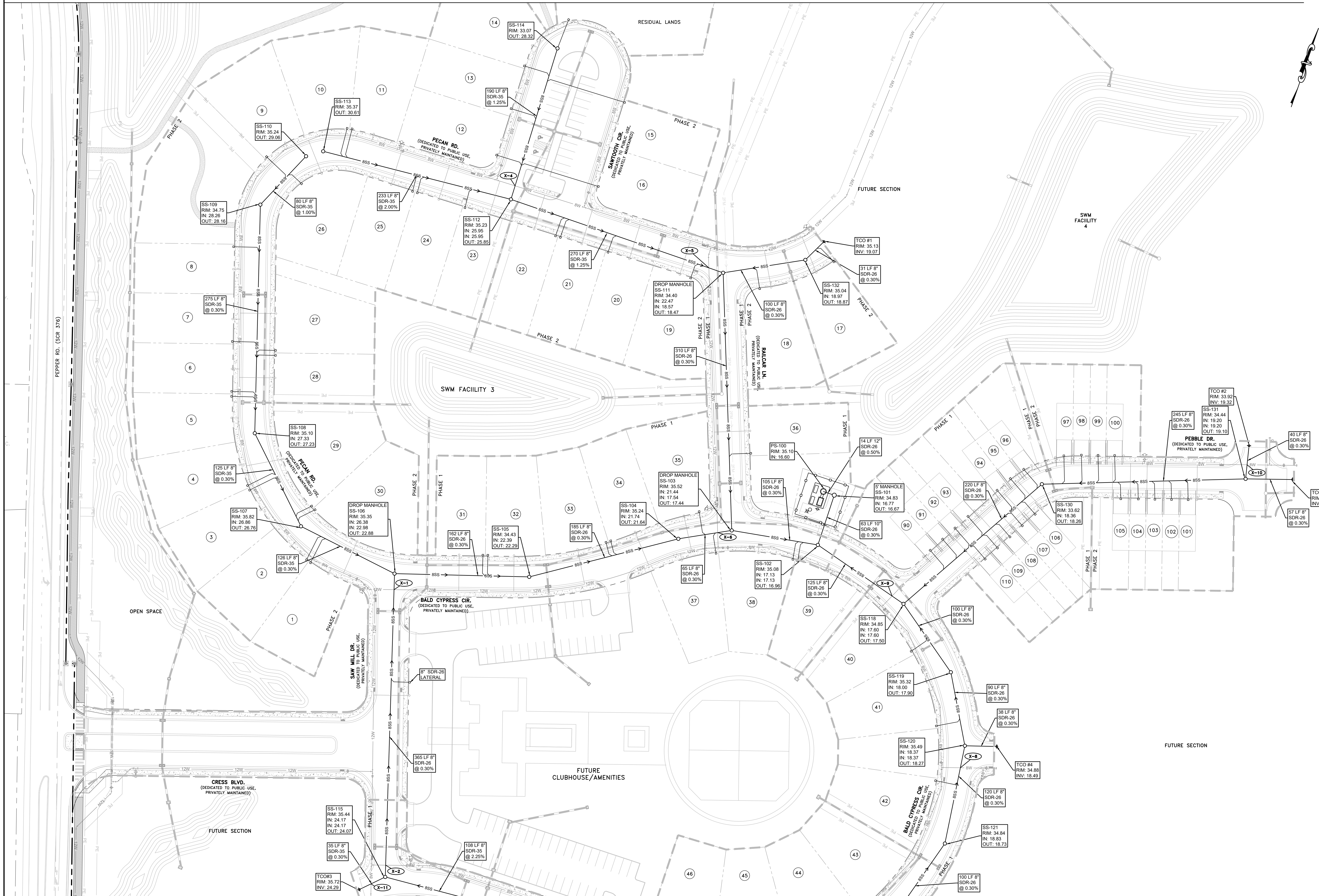
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Date:	JUNE 2024
Scale:	1"=150'
Drawn By:	DJR
Proj. No.:	0700C004

SEWER OVERVIEW & PHASING PLAN

wg.No.:
C-500

MATCHLINE (SEE SHEET C-503)



**VINES CREEK CROSSING
SECTION I**

[illegible]

Date:	JUNE 2024
Scale:	1"=50'
Dwn.By:	DJR
Proj.No.:	0700C004

SEWER PLAN

Dwg.No.:

C-502



SWM FACILITY 7

C-503

Chad S. Warren

From: Keith Bryan <kbryan@sussexcountyde.gov>
Sent: Thursday, June 18, 2026 6:12 AM
To: Chad S. Warren; Alexander Kansak
Cc: John J. Ashman; Scott Penner; Mitch Bramble
Subject: RE: Vines Creek Crossing - Section I

Chad,

That is correct the county has no objection, also the contractor must jet and video all the lines used for the pump and haul just before the pump station is operational.

Thanks, Keith

From: Chad S. Warren <csw@dbfinc.com>
Sent: Wednesday, June 17, 2026 4:09 PM
To: Keith Bryan <kbryan@sussexcountyde.gov>; Alexander Kansak <alexander.kansak@sussexcountyde.gov>
Cc: John J. Ashman <jashman@sussexcountyde.gov>
Subject: RE: Vines Creek Crossing - Section I

CAUTION: This email originated from outside of the organization. Do not click links, open attachments, or reply unless you recognize the sender and know the content is safe. Contact the IT Helpdesk if you need assistance.

Keith,

Yes, that is correct and I will be sure to provide the permit once we receive it. So am I correct in stating that Sussex County has no objection to allowing us to perform this pump and haul?

Thanks,

Chad S. Warren, P.E.

Associate | Senior Civil Engineer
Department of Land Development
Davis, Bowen & Friedel, Inc.
Office: 302-424-1441 | Fax: 302-424-0430

From: Keith Bryan <kbryan@sussexcountyde.gov>
Sent: Wednesday, June 17, 2026 3:58 PM
To: Alexander Kansak <alexander.kansak@sussexcountyde.gov>; Chad S. Warren <csw@dbfinc.com>
Cc: John J. Ashman <jashman@sussexcountyde.gov>
Subject: RE: Vines Creek Crossing - Section I

Chad,

If you're requesting a pump and haul permit using our sewer manholes and gravity lines as a holding tank, I'll need a copy of the permit when DNREC approves it with all the conditions.

Thanks, Keith

From: Alexander Kansak <alexander.kansak@sussexcountyde.gov>
Sent: Wednesday, June 17, 2026 3:52 PM
To: Chad S. Warren <csw@dbfinc.com>
Cc: Keith Bryan <kbryan@sussexcountyde.gov>; John J. Ashman <jashman@sussexcountyde.gov>
Subject: RE: Vines Creek Crossing - Section I

Chad,

If you have an actual tank and are not using the pipes for storage this might be okay. I've CC'ed Keith Bryan to see if he has any additional requirements or input.

Alex

From: Chad S. Warren <csw@dbfinc.com>
Sent: Wednesday, June 17, 2026 3:31 PM
To: Alexander Kansak <alexander.kansak@sussexcountyde.gov>
Subject: Vines Creek Crossing - Section I

CAUTION: This email originated from outside of the organization. Do not click links, open attachments, or reply unless you recognize the sender and know the content is safe. Contact the IT Helpdesk if you need assistance.

Alexander,

We are requesting a confirmation of no objection to submit for a temporary holding tank (pump and haul) to DNREC for Vines Creek Crossing Section 1, Phase 1 while the onsite pump station is being constructed. The installation of the Phase 1 sewer system provides capacity for 28 homes, pumped every other day. Please let me know if any additional information is needed to approve this request, if not then a confirmation via email is sufficient for us to provide to DNREC. A site plan of the portion of the proposed system to be installed and used as the temporary holding tank storage is attached.

Thanks,

Chad S. Warren, P.E.

Associate | Senior Civil Engineer
Department of Land Development

Davis, Bowen & Friedel, Inc.

Email: csw@dbfinc.com
Office: 302-424-1441 | Fax: 302-424-0430
1 Park Ave., Milford, DE 19963
dbfinc.com | [Facebook](#) | [LinkedIn](#) | [Instagram](#) | [Twitter](#) | [Youtube](#)



ENGINEERING DEPARTMENT

JOHN J. ASHMAN
DIRECTOR OF UTILITY PLANNING & DESIGN REVIEW

(302) 855-7370 T
(302) 854-5391 F
jashman@sussexcountype.gov



Sussex County

DELAWARE
sussexcountype.gov
MIKE HARMER, P.E.
SUSSEX COUNTY ENGINEER

March 07, 2025

Mr. Jamie L. Sechler, P.E.
Davis, Bowen, & Friedel, Inc.
1 Park Avenue
Milford, DE 19963

**RE: VINES CREEK CROSSING
DAGSBORO / FRANKFORD SANITARY SEWER DISTRICT
SUSSEX COUNTY TAX MAP NUMBERS 533-1.00-28, 533-4.00-28.00, & 28.01
CLASS-1
AGREEMENT No. 1250**

Dear Mr. Sechler,

The above referenced project was approved on March 06, 2025 and one (1) set of the approved plans are enclosed. This approval is valid for three (3) years, unless prior to expiration of that three (3) year period, a time extension is requested and approved by the Department. Plans granted an extension beyond the three (3) year period will be required to meet updated standards and specifications.

Also, it is your responsibility to secure approvals and/or permits that may be required by other regulatory agencies.

Please contact Mr. Keith Bryan of this Division to initiate pre-construction procedures for sanitary sewer.

Should you have any questions, please do not hesitate to contact me.

Sincerely,

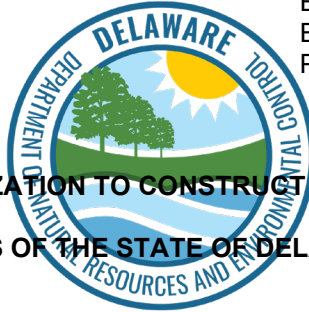
SUSSEX COUNTY ENGINEERING DEPARTMENT

Alexander H. Kansak
Engineering Technician II

cc: Mr. Keith Bryan, w/1 enclosures
SCED Field File, w/1 enclosures
Owner/Developer: Bobby Horsey, Double H. Development, LLC, w/o enclosures



COUNTY ADMINISTRATIVE OFFICES
2 THE CIRCLE | PO BOX 589
GEORGETOWN, DELAWARE 19947



**AUTHORIZATION TO CONSTRUCT UNDER THE
LAWS OF THE STATE OF DELAWARE**

PART I

1. In compliance with the provisions of 7 Del. C., §6003,

**Sussex County Council
PO Box 589
Georgetown, DE 19947**

and

**Double H. Development, LLC
28107 Beaver Dam Branch Road
Laurel, DE 19956**

are authorized, jointly and individually, to construct facilities consisting of the following:

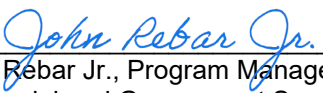
Approximately four thousand nine hundred and sixty-five linear feet (4,965 LF) of eight inch (8") diameter gravity sewer main, seventy-seven linear feet (77 LF) of ten inch (10") diameter gravity sewer main, two thousand eight hundred sixty-six linear feet (2,866 LF) of four inch (4") diameter sanitary sewer force main, thirty-two (32) gravity manholes, one (1) submersible pump station and related appurtenances to serve 110 dwellings in Phase 1 of the Vines Creek Crossing residential development. The project is located approximately 1000' southwest of the intersection of Pepper Road and Thatcher Street, east of Pepper Road, Sussex County, Delaware.

The subject project will be constructed in accordance with plans and specifications as described below and limitations, requirements and other conditions set forth in Parts I, II and III hereof.

2. The plans, specifications, municipality standards and other documents submitted with the construction permit application consist of the following, which are incorporated by reference and made part of this authorization:

Thirty-one (31) drawings** prepared by Davis, Bowen & Friedel, Inc., titled "Vines Creek Crossing Section I", dated 2-12-25, signed and stamped by Jamie L. Sechler, P.E. and the current Sussex County Engineering Standards, Specifications and Details.

**Drawings include:
Sheet C-001 – Title
Sheet C-002 – Legend



John J. Rebar Jr., Program Manager II
Commercial and Government Services Section
State of Delaware Department of Natural Resources
and Environmental Control

06/23/25

Date Signed

Sheet C-003 – General Notes
Sheet C-200 – Horizontal Control Plan
Sheet C-201 – Road Plan & Profiles Overview
Sheets C-202 to C-207 – Road Plan & Profiles
Sheet C-220 - Intersections
Sheets C-221 and C-222 – Intersections & Details
Sheet C-300 – Grading Overview
Sheets C-301 to C-303 – Grading Plan
Sheet C-401 – Sediment and Stormwater Coversheet General Notes
Sheet C-402 – Pre Construction Site Stormwater Management Plan
Sheet C-403 – Construction Site Stormwater Phasing
Sheet C-404 – Overall Construction Site Stormwater Management Plan
Sheets C-405 to C-407 – Construction Site Stormwater Management Plan
Sheets C-408 to C-411 – Construction Site Details and Notes
Sheets C-412 and C-413 – Post Construction Stormwater Management Plan, SWM Facility 1
Sheets C-414 and C-415 – Post Construction Stormwater Management Plan, SWM Facility 2
Sheets C-416 and C-417 – Post Construction Stormwater Management Plan, SWM Facility 3
Sheets C-418 and C-419 – Post Construction Stormwater Management Plan, SWM Facility 4
Sheets C-420 and C-421 – Post Construction Stormwater Management Plan, SWM Facility 5
Sheet C-500 – Sewer Overview Phasing Plan
Sheets C-501 to C-503 – Sewer Plan
Sheets C-504 to C-506 – Sewer Profiles
Sheet C-507 – Sewer Details
Sheet C-530 – Water Overview
Sheets C-531 to C-534 – Water Plan
Sheets C-535 to C-538 – Water Profiles
Sheet C-539 – Water Details
Sheet L-101 – Landscape Overview
Sheet V-101 – Record Title
Sheet V-102 – Boundary Plan
Sheet V-103 – Record Overview
Sheets V-104 to V-110 – Record Plan
Sheet V-111 – Record Details

Nineteen (19) drawings** prepared by Davis, Bowen & Friedel, Inc., titled "Vines Creek Crossing Construction Plans for Sewage Pump Station", dated 6-12-25, signed and stamped by Sharon K. Cruz, P.E. and the current Sussex County Engineering Standards, Specifications and Details.

Sheet C-001 – Title
Sheet C-002 – Legend
Sheet C-003 – General Notes
Sheet C-101 – Pump Station Site Plan
Sheet C-102 – Pump Station Elevation Plans & Details
Sheet C-103 – Pump Station Plan View
Sheets C-104 to C-106 – Details
Sheets C-401 to C-403 – Stormwater Management Details
Sheets C-501 and C-502 – Pump Station & Forcemain
Sheet C-503 – Forcemain Profiles
Sheet E-101 – Pump Station Site Plan – Electrical
Sheet E-201 – Electrical Details
Sheet E-301 – Single Line Diagram & Schedules
Sheet E-401 – Electrical Diagrams, Schedules & Details

3. The liquid waste will be discharged through an existing wastewater collection and transmission system to the South Coastal Wastewater Treatment Facility, which discharges treated wastewater to the Atlantic Ocean, in accordance with NPDES Permit No. DE 0050008.

A. Effluent Limitations on Pollutants Attributable to Industrial Users

The use of the constructed facility is conditioned on meeting all applicable pretreatment

standards under 40 CFR, Part 403, or toxic pollutant discharge limitations under Section 307(a) of the Clean Water Act of 1977, PL 95-217.

B. Flow and Usage Limitations

This permit authorizes a daily average discharge of N/A gallons*. The flow in the system shall be measured at least every N/A.

The estimated average daily discharge for the pump station and force main is 154,000 GPD, which is based on approximately 584 dwellings to interconnect at 250 GPD/EDU. The gravity sewer main is based on approximately 110 dwellings from Phase 1 of the Vines Creek Crossing Community.

* This permit authorizes only the construction of the wastewater collection and conveyance facilities referenced herein.

C. Monitoring and Reporting (When Required)

1. Representative sampling of the volume and nature of the monitored discharge shall be conducted at the request of the Division of Water.

2. Reporting

Monitoring results shall be reported to the:
Delaware Department of Natural Resources and Environmental Control
Division of Water, Commercial and Government Services Section
89 Kings Highway
Dover, DE 19901
302-739-9946

3. Definitions

- a. "Daily average flow" means the total flow during a calendar month divided by the number of days in the month that the facility was operating.
- b. "Daily maximum flow" means the highest total flow during any calendar day.
- c. "Daily Peak Flow" means the flow which can be safely transported within the sewage system without causing an overflow or a backup into the building(s) or residence(s).
- d. "Bypass" means the intentional diversion of wastes from any portion of a treatment facility.
- e. "Measured flow" means any method of liquid volume measurement, the accuracy of which has been previously demonstrated in engineering practice, or for which a relationship to absolute volume has been obtained.
- f. "Estimate" means a value to be based on a technical evaluation of the sources contributing to the discharge including, but not limited to, pump capabilities, water meters and batch discharge volumes.

4. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. The date, exact place and time of sampling or measurement;
- b. The person(s) who performed the sampling and/or measurement;
- c. The date(s) and time(s) analysis was performed;
- d. The individual(s) who performed each analysis;
- e. The analytical technique(s) or method(s) used;
- f. The results of each analysis; and
- g. Appropriate quality assurance information.

5. Records Retention

All records and information resulting from the monitoring activities required by this permit, including all records of analyses performed, all records of instrument calibration and maintenance and all charts from continuous monitoring instruments, shall be retained for three (3) years. This period of retention shall be extended automatically during the course of any unresolved litigation regarding the regulated activity or regarding control standards applicable to the permittee, or as requested by the Department.

6. Test Procedures

Test procedures for the analysis of pollutants shall conform to the applicable test procedures identified in 40 CFR, Part 136, unless otherwise specified in this permit.

END OF PART I

PART II

A. Management Requirements

1. Duty to Comply

The permittee must comply with the terms and conditions of this permit. Failure to do so constitutes a violation of this permit, which is grounds for enforcement and the imposition of penalties as provided in 7 Del.C., Chapter 60, grounds for permit termination or loss of authorization to discharge or operate pursuant to this permit, grounds for permit revocation and reissuance or permit modification, or denial of a permit renewal application.

2. Notification

a. Changes in Authorized Activities

The permittee shall notify the Department of any proposed change in the activity authorized herein, of any proposed substantive change in the operation of the facility or facilities authorized herein, or of any anticipated facility expansions, production increases, or process modifications. Notification is required only when such alteration, addition or change may justify the inclusion of conditions that are absent or different from those specified in this permit. This includes, for example, the construction of additional wastewater collection, transmission or treatment facilities and changes which will result in new, different, or increased discharges of pollutants. Following such notice, the Department may require the submission of a new permit application and this permit may be reopened and modified to address the proposed changes.

b. Noncompliance

If, for any reason, the permittee does not comply with or will be unable to comply with any limitation specified in this permit, the permittee shall provide the Department with the following information, in writing, within five (5) days of becoming aware of such condition:

A description of the discharge and cause of noncompliance; and

The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.

3. Facilities Operation

The permittee shall, at all times, maintain in good working order and operate as efficiently as possible all collection and treatment facilities and systems (and related appurtenances) installed or used by the permittee to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance includes, but is not limited to, effective management, adequate operator staffing and training and adequate laboratory process controls, including appropriate quality assurance procedures.

4. Adverse Impact

The permittee shall take all reasonable steps to minimize any adverse impact to waters of the State resulting from noncompliance with this permit, including such accelerated or

additional monitoring as necessary to determine the nature and extent of the noncomplying discharge.

5. Bypassing

Any bypass or intentional diversion of waste streams from the facilities authorized by this permit, or any portion thereof, is prohibited, except (i) where unavoidable to prevent loss of human life, personal injury or severe property damage, or (ii) where excessive storm drainage or run-off would damage any facilities necessary for compliance with the effluent limitations and prohibitions of this permit. The permittee shall promptly notify the Department, in writing, of each such diversion or bypass.

6. Removed Substances

Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewater shall be disposed of in a manner such as to prevent any pollutant from such materials from entering the surface water or groundwater.

B. Responsibilities

1. Within 90 days following the completion of construction, the permittee shall submit to the Department an "as-built" set of plans of the facility or facilities constructed, bearing the seal and signature of a licensed Professional Engineer registered in the State of Delaware.

2. Right of Entry

The permittee shall allow the Secretary of the Department of Natural Resources and Environmental Control, or his authorized representative(s), upon the presentation of credentials:

- a. To enter upon the permittee's premises for inspection of any records, flow measurements, construction or other activity authorized by this permit or any condition required under the terms of this permit; and
- b. At reasonable times, to have access to and to copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and
- c. To sample any discharge.

3. Transferability

This permit is transferable with the Department's consent, provided that an intention to transfer accompanied by a copy of the permit is provided to the Department, signed by both the transferor and the transferee at least ten (10) days prior to the actual transfer.

4. Availability of Reports

All reports submitted with the application and those reports required under the terms of this permit shall be available for public inspection at the offices of the Department of Natural Resources and Environmental Control. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in 7 Del. C., §6013. Any person who causes or contributes to the discharge of a pollutant into State waters either in excess of any conditions specified in this permit or in absence

of a specific permit condition shall report such an incident to the Department required under 7 Del. C. §6028.

5. Permit Modification

This permit may be modified, suspended or revoked in whole or in part during its term for cause including, but not limited to, the following:

- a. Violation of any term or condition of this permit;
- b. Obtaining this permit by misrepresentation or failure to fully disclose all relevant facts;
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized activity; or
- d. Information that the permitted activity poses a threat to human health or welfare, or to the environment.

6. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject to under 7 Del. C., Chapter 60.

7. State Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation.

8. Property Rights

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

9. Severability

The provisions of this permit are severable. If any provision of this permit is held invalid, or if the application of any provision of this permit to any circumstances is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

END OF PART II

PART III

A. Special Conditions

1. This permit authorizes only the construction of the wastewater facilities and related work referenced herein.
2. If well pointing is required during construction, the wells must be installed by a licensed well driller, and a permit to construct such wells must first be obtained from the Well Permits Branch of the Water Supply Section.
3. All construction shall be in agreement with plans and specifications submitted under this project and approved by the Department of Natural Resources and Environmental Control.
4. All construction shall be in accordance with Ten States Standards and other applicable local utility construction specifications and standards.
5. Connections or additions to the proposed system, other than those proposed on the plans, will not be allowed without prior approval from the Department.

END OF PART III



P.O. Box 123 · Milton · DE 19968
1.888.637.1517 · 302.684.4221 · Fax: 302.684.1850

www.cleandelaware.com

PUMP AND HAUL SEWAGE MAINTENANCE CONTRACT

PROPERTY OWNER: DRP Greenbough 44, LLC BILLING ADDRESS:
1285 Drummers Ln, Suite 100 Double H Development, LLC
Wayne, PA 19087 28107 Beaver dam Branch Rd.
Laurel, DE 19956

TELEPHONE: 302-875-1896 TAX MAP NUMBER: 5-33 4.00 28.03

PROPERTY LOCATION: Bald Cypress Circle
Vines Creek Crossing
Frankford, DE 19945
Sussex County

HOLDING TANK SIZE: 29,922 gallons DISPOSAL SITE: Clean Delaware, LLC
Route 30
Milton, DE 19968

CONTRACT EXPIRES: March 31, 2027

TERMS OF CONTRACT:

1. Pumping frequency will be such that the waste level is maintained to prevent overflowing.
2. Property owners will notify waste hauler when holding tank is 75% full and request that the tank be pumped within 1-2 working days. The facility should be checked weekly to ensure available capacity.
3. Duration of contract is one year or that part of, until expiration date.
4. Equipment availability with a variety of vacuum pump trucks 4000-to-7000-gallon capacity.
5. Emergency response will be within 4 hours.

Gerry Desmond

Clean Delaware, LLC

6-19-26

Date

Property Owner/Agent

Date

Environmental Pumping + Complete Septic Service
Grease Trap Pumping + Portable Toilet Rentals
Residential + Commercial + Industrial

TANK ALERT® SOLAR ALARM SYSTEM

Versatile, Indoor or Outdoor Solar Powered Liquid Level Alarm System

This innovative alarm system monitors liquid levels in lift pump chambers, sump pump basins, holding tanks, sewage, agricultural, and other water applications.

The Tank Alert® Solar indoor/outdoor alarm can serve as a high or low level alarm depending on the float switch model used.

The Tank Alert® Solar alarm utilizes a solar panel with battery backup for easy installation and operation. It's a simple, idea solution for seasonal homes, cabins in remote locations, or for retrofitting existing systems. Install the solar panel in direct sunlight for the alarm to operate properly.

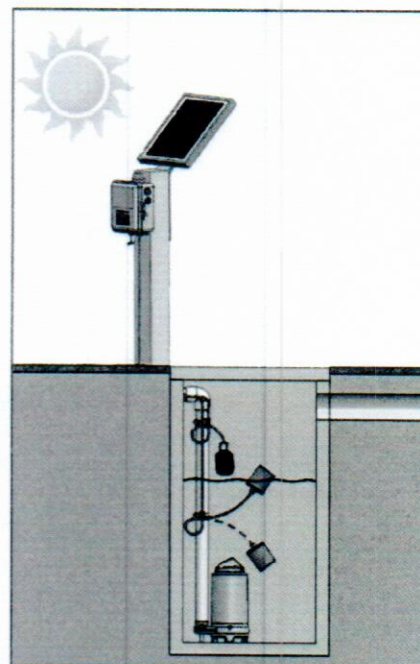
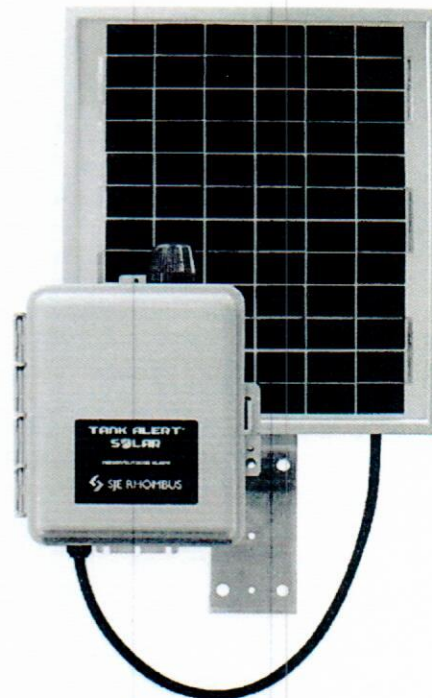
The alarm horn sounds and the red LED beacon illuminates when a potentially threatening liquid level condition occurs. The horn can be silenced, but the alarm light remains on until the condition is remedied. Once the condition is cleared, the alarm will automatically reset.

FEATURES

- NEMA 4X enclosure rated for indoor/outdoor use
- Alarm is powered by rechargeable battery via 12VDC, 10 watt solar panel (includes mounting bracket and 10 feet (3 meters) of 18/2 cable)
- (2) Lithium Ion batteries provide backup power
- (2) liquid-tight round cable connectors (RCC-8)
- Main power on/off switch
- Green power on LED indicator
- Amber battery charging LED indicator
- Red reverse battery polarity LED indicator
- Alarm will operate for up to 72 hours with no sun if not in alarm or up to 24 hours with no sun if in alarm
- Automatic alarm reset, test/silence push button switch
- Alarm horn sounds at 85 decibels at 10 feet (3 meters)
- Integral mounting tabs for easy installation
- Integral padlockable latch for added safety
- Two-year limited warranty on alarm package (including float and solar panel)
- One-year limited warranty on the Lithium-Ion batteries

OPTIONS

- Alternate float switch models for high or low liquid level warning



Must be installed in location with adequate sunlight for solar charging. Unit in full alarm without any solar charging will run for approximately 24 hours.

Idle unit without any solar charging will run for approximately 5 days.



TANK ALERT® SOLAR - Versatile, indoor or outdoor solar powered alarm system.

Part #	Description	Shipping Weight
1052473	TA Solar Alarm, w/ 20ft SJE SignalMaster® High level, 10W Solar Panel	9.00 lbs.
1052474	TA Solar Alarm, w/ 20ft SJE SignalMaster® Low level, 10W Solar Panel	9.00 lbs.
1052475	TA Solar Alarm, No Float, 10W Solar Panel	7.50 lbs.

CONTROL SWITCH OPTIONS

The Tank Alert® Solar alarm system comes standard with a 20 foot SJE SignalMaster® control switch with mounting clamp. Other lengths and floats switches available. See control switch section of the catalog. To determine the price of alarm with an alternate float, add the price of the part number with "no float" to the price of the float switch.

SPECIFICATIONS

VOLTAGE: 12 VDC (solar panel)

ALARM ENCLOSURE: 8 x 6 x 4 inch (20.32 x 15.24 x 10.16 cm), indoor-outdoor, weatherproof, thermoplastic meets NEMA 4X water-tight standard

ALARM HORN: 85 decibels at 10 feet (3 meters), meets NEMA 4X water-tight standard as installed by factory

ALARM BEACON: meets NEMA 4X water-tight standard as installed by factory

TEST/SILENCE SWITCH: certified to IP66 and IP68 standards

FLOAT SWITCH: SJE SignalMaster® control switch with mounting clamp

CABLE: 20 feet (6.096 meters), flexible 18 gauge, 2 conductor (UL) SJOW, water-resistant (CPE)

FLOAT: 2.74 inch diameter x 4.83 inch long (7 x 12.3 cm), high impact, corrosion resistant polypropylene housing for use in sewage and non-potable water up to 140°F (60°C)

SOLAR PANEL: 10W, 12VDC

SOLAR PANEL DIMENSIONS: 14.06 x 11.89 x 1.18 in (35.71 x 30.20 x 3 cm)

BATTERIES: 3.7 VDC, Lithium-Ion rechargeable

SIZE: 18650, 3000mAh

Vines Creek Crossing Temporary Holding Tank Calculations

Pipe storage			
pipe #	length (ft)	dia. (in)	storage (gal)
103	105	8	274.02
104	65	8	169.63
105	185	8	482.79
106	162	8	422.77
107	126	8	328.82
108	125	8	326.21
109	275	8	717.66
110	80	8	208.78
111	310	8	809.00
112	270	8	704.62
113	233	8	0.00
114	190	8	495.84
115	365	8	952.54
116	108	8	281.85
117	155	8	0.00
118	125	8	326.21
119	100	8	260.97
120	90	8	234.87
121	120	8	313.16
122	100	8	260.97
123	115	8	300.11
124	95	8	247.92
125	400	8	1043.88
126	67	8	174.85
127	83	8	216.60
128	135	8	352.31
129	40	8	0.00
130	220	8	574.13
131	245	8	639.37
132	100	8	260.97

Total pipe storage (gal) 11380.85 12153.81

Manhole storage					
manhole #	dia. (ft)	rim	sump	storage height	storage (gal)
SS-102	4	35.08	16.96	12.71	1194.09
SS-103	5	35.52	17.44	12.23	1795.30
SS-104	4	35.24	21.64	8.03	754.41
SS-105	4	34.43	22.29	7.38	693.34
SS-106	5	35.35	22.88	6.79	996.74
SS-107	4	35.82	26.76	2.91	273.39
SS-108	4	35.10	27.23	2.44	229.24
SS-109	4	34.75	28.16	1.51	141.86
SS-110	4	35.24	29.06	0.61	57.31
SS-111	5	34.40	18.47	11.2	1644.10
SS-112	4	35.23	25.85	3.82	358.88
SS-113	4	35.37	30.61	0	0.00
SS-114	4	33.07	28.32	1.35	126.83
SS-115	4	35.44	24.07	5.6	526.11
SS-116	4	34.99	26.60	3.07	288.42
SS-117	4	35.86	29.80	0	0.00
SS-118	4	34.85	17.50	12.17	1143.36
SS-119	4	35.32	17.90	11.77	1105.78
SS-120	4	35.49	18.27	11.4	1071.02
SS-121	4	34.84	18.73	10.94	1027.80
SS-122	5	35.74	25.73	3.94	578.37
SS-123	4	35.74	25.73	3.94	370.16
SS-124	5	36.44	26.11	3.56	522.59
SS-125	4	36.48	27.41	2.26	212.32
SS-126	4	36.43	27.71	1.96	184.14
SS-127	4	35.98	28.06	1.61	151.26
SS-128	4	35.32	29.51	0.16	15.03
SS-129	4	36.59	32.01	0	0.00
SS-130	4	33.62	18.26	11.41	1071.96
SS-131	4	34.44	19.10	10.57	993.04
SS-132	4	35.04	18.87	10.8	1014.65

total manhole storage 18541.50

total manhole & pipe (gal) 29922.35

total storage (edu) 99.74

allowable # of units at the above pump out frequency 50

freeboard (ft)	3.4
gallons/edu	300
days between pump outs	2

lowest manhole rim 33.07

peak storage elevation 29.67

80% full alarm elevation 27.13