

PROJECT NOTES:

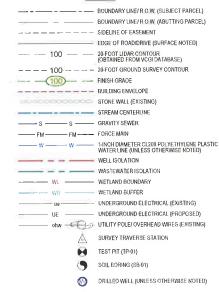
1. THIS IS NOT A BOUNDARY SURVEY. PROJECT PERIMETER LINES ARE BASED ON A PLAN. ENTITLED "LANDS OF SCOTT STROOF, LOTS 21 & 22, DUGWAY ROAD, RICHMOND, VERMONT, SUBDIVISION AMENDMENT SURVEY PLAT", BY BARNARD & GERVAIS, LLC.

- 2. THE LOCATIONS OF EXISTING PHYSICAL FEATURES ON THIS PLAN ARE BASED ON A TOPOGRAPHIC SURVEY COMPLETED BY BARWARD & GERVAIS, LLC IN NOVEMBER 2022.
- 3. THE ELEVATIONS ON THIS PLAN WITHIN THE DASHED BOUNDARIES SHOWN ARE BASED ON NAVIDBI (GEOID 12B) ESTABLISHED FROM BURNEY GRADE GHSS READINGS COLLECTED WITH A TOPCON HIPER SR GRSS RICCEIVER ADJUSTED TO VERMONT GRID ON RANGOM CONTROL POINTS USING REAL TIME KINEMATIC CORRECTIONS FROM A VIRTUAL REFERENCE STATION OF THE YT CORS NETWORK. THE ELEVATIONS ON THIS PLAN OUTSIGE THE DASHED GONDARIES SHOWN ARE LIDAR CONTOURS GITAINED FROM THE STATE OF VERMONT YOR OPEN DATA PORTAL DATABASE.
- 4. FOR CLARITY, TEXT IDENTIFYING EXISTING ITEMS IS LOWER CASE; TEXT IDENTIFYING PROPOSED ITEMS IS UPPER CASE
- 5. NO ATTEMPT HAS BEEN MADE TO LOCATE ANY UNDERGROUND UTILITIES BY BARNARO 3. NO THEMET THE CONTRACTOR WILL BE RESPONSIBLE FOR CONTACTING DIG SAFE
  TO HAVE ANY UNDERGROUND UTILITIES MARKED PRIOR TO ANY EXCAVATION OR SITE
  WORK, THE CONTRACTOR SHALL NOTIFY THE DIG SAFE NETWORK AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
- 6, THE WASTEWATER DISPOSAL SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE STATE OF VERMONT, AGENCY OF NATURAL RESOURCES, ENVIRONMENTAL PROTECTION RULES, CHAPTER I. "WASTEWATER SYSTEM AND POTABLE WATER SUPPLY RULES' EFFECTIVE APRIL 12, 2019.
- 7. THE PROPOSED DRILLED WELL SITES ARE SHOWN BASED ON THE REQUIRED ISOLATION DISTANCES TO THE PROPOSED WASTEWATER DISPOSAL SYSTEMS AND THE ASSOCIATED SYSTEM COMPONENTS. NO WARRANT IS MADE READBING THE WELL YIELD OR WATER CUALITY RELATIVE TO THE DRILLED WELL LOCATIONS SHOWN HEREON.
- 1). THE CONTRACTOR AND/OR LAND/OWNER SHALL ADHERE TO THE GUIDELINES SET FORTH IN THE STATE OF VERNONT EROSION AND SEDIMENT CONTROL HANDBOOK FOR CONSTRUCTION STEES, IT IS THE RESPONSIBILITY OF THE LAND/OWNER OR SITE CONTRACTOR TO ENSURE THESE GUIDELINES ARE FOLLOWED AND FORSIONSSCIMENT CONTROL MEASURES ARE MAINTAINED THROUGHOUT THE COURSE OF THE PROJECT.
- 12, AS SHOWN, THE PROJECT CONTAINS 23,250± SF OF NEW IMPERVIOUS SURFACE AREA,
- 13, THE PROPERTIES (LOTS 21 & 22) ARE SUBJECT TO STATE OF VERMONT ACT 250 LAND USE PERMIT #4C0557-9 AND TOWN OF RICHMOND SUBDIVISION APPROVAL #00:165



**Project Location Map** Not to Scale

#### LEGEND



DESCRIPTION DATE REVISIONS BARNARD & Land Surveying Water & Wastewater Environmental Consulting BARNARD & PROJECT NO

SIGNATURE

JASON S. BARNARD

LOTS 21 & 22 SUBDIVISION AMENDMENT

SCOTT STRODE

DUGWAY ROAD, RICHMOND, VERMONT

LOTS 21 & 22 **OVERALL SITE PLAN** 

THESE PLANS WITH LATEST REVISIONS SHOULD ONLY BE USED FOR THE PURPOSE SHOWN BELOW: PRELIMINARY DRAFT FINAL STATE REVIEW

S-1 SHEET 1 OF 9

21315

SCALE: 1" = 300'

SURVEY: AW, OL, DW

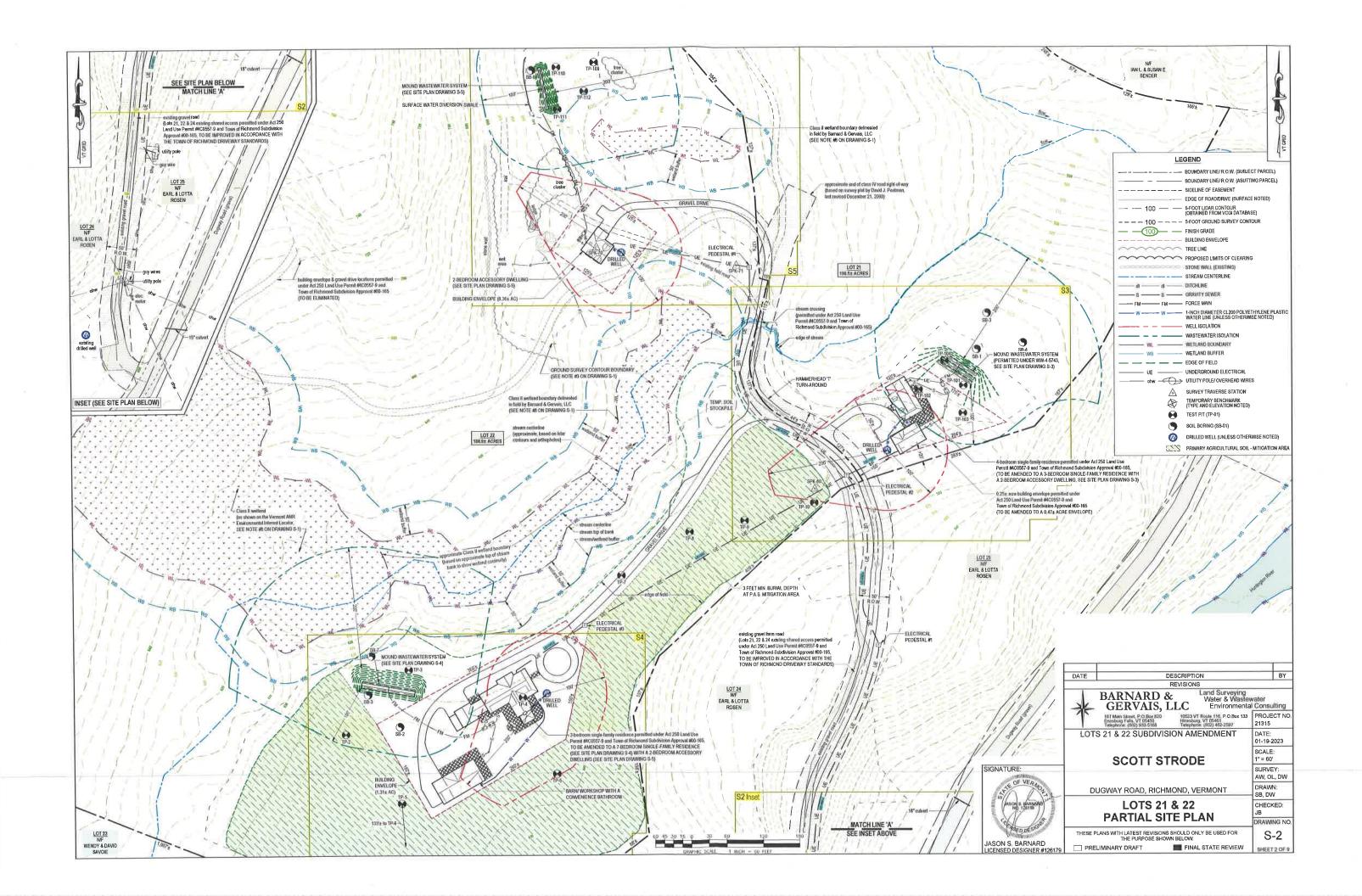
DRAWN:

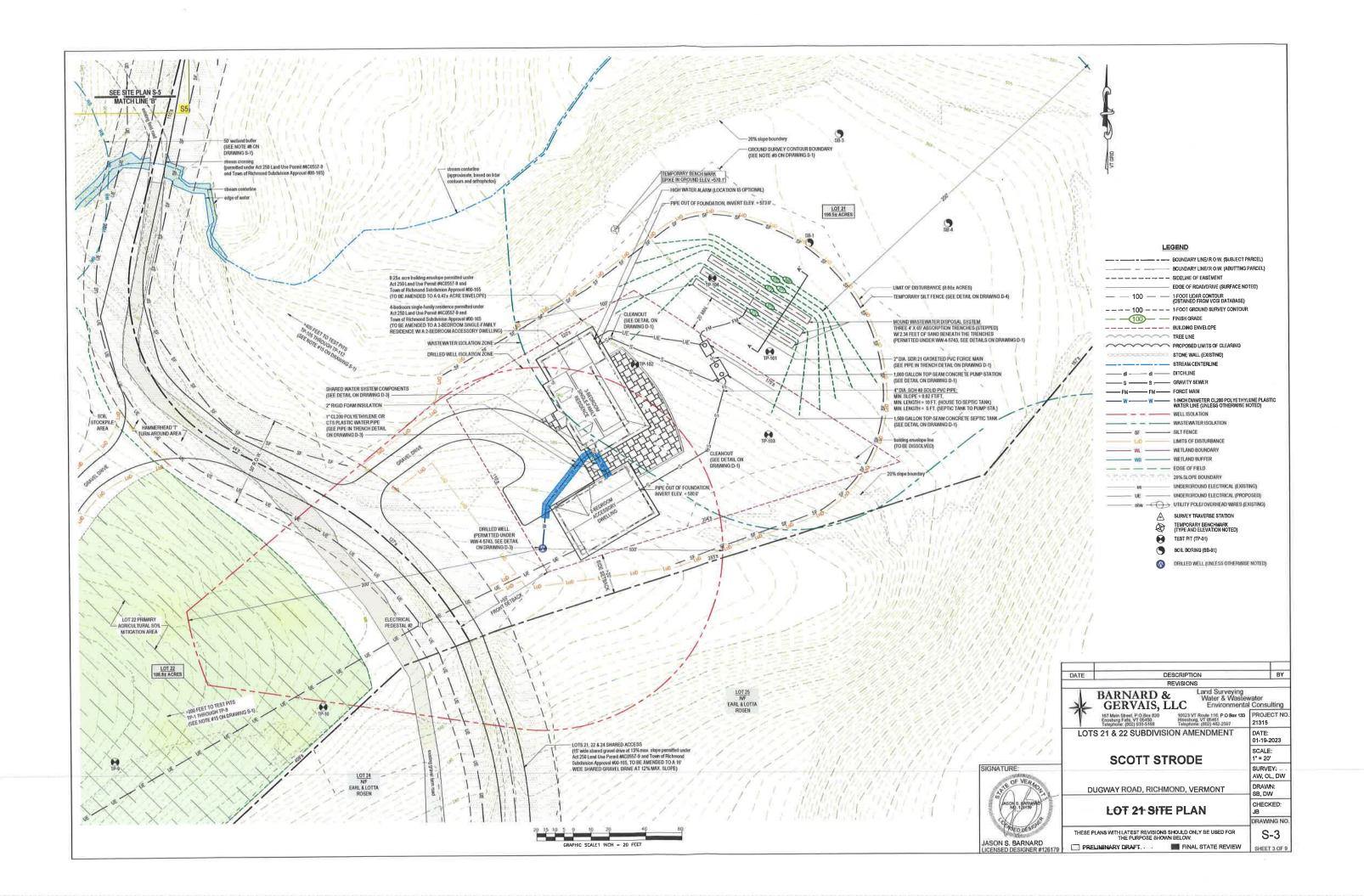
SB, DW

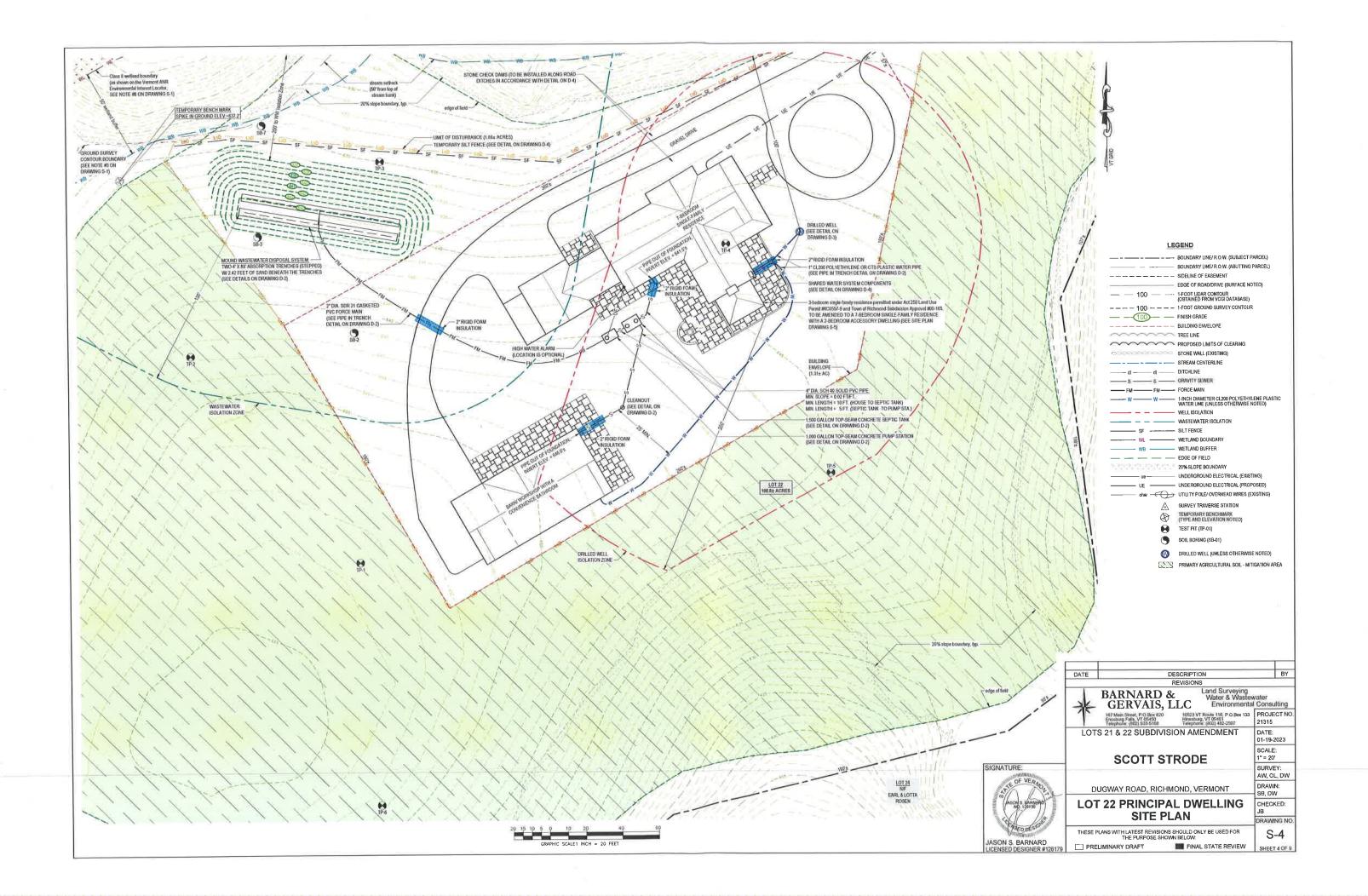
CHECKED:

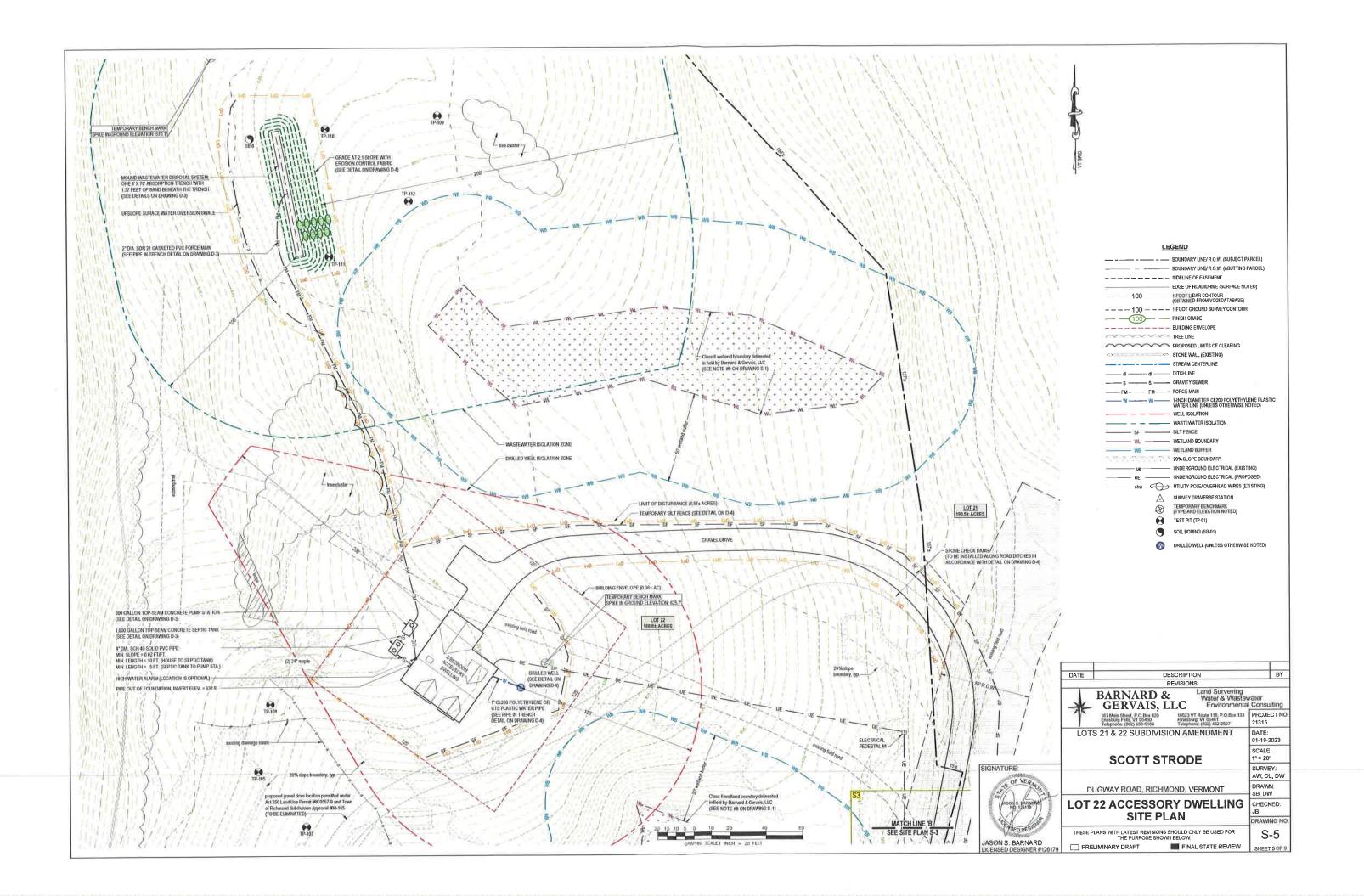
DRAWING NO.

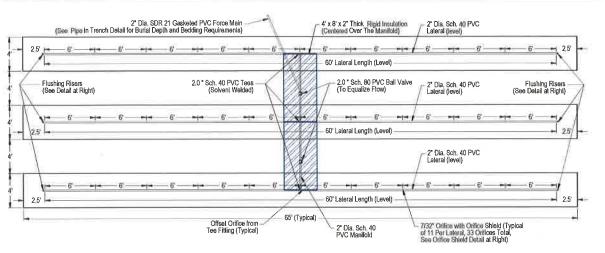
01-19-2023











# STEPPED MOUND WASTEWATER DISPOSAL SYSTEM PLAN VIEW

SCALE: 1-INCH = 5-FFFT

2" DIA, SCH 40 PVC LATERAL 7/32" ORIFICE (TYP.)-SLOTTED PVC ORIFICE SHIELD

# **ORIFICE SHIELD DETAIL**



SECTION

OLYLOK RISI COMPLETED

LIQUID LEVEL

OUTLET INV. ELEV. = 576.75'±

POLYLOK PL-525 EFFLUENT FILTER (OR EQUAL)

INLET INV ELEV. = 577.0'±

62-1/2"

NOTES:

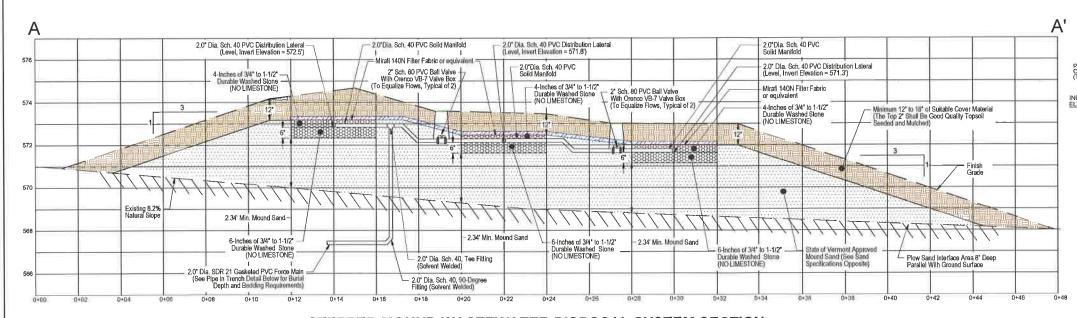
1. SEPTIC TANK SHALL BE SET LEVEL ON A MINIMUM OF SIX INCHES OF COMPACTED GRANULAR BASE COMPACTED GRANULAR BASE REQUIRED.

2. AN INLET THE BAFFLE IS REQUIRED.

3. IFWATER-PROOF BOOTED CONNECTIONS ARE NOT USED, ALL PIPE PENETRATIONS SHALL BE SEALE WITH A "WATER PILUS" NON-SHRIK HYDRAULIC CEMENT.

4. EFFILUENT FILTER ACCESS SHALL BE COMPLETED FLUSH WITH FINISH GRADE.

### 1,500 GALLON TOP-SEAM CONCRETE SEPTIC TANK



#### STEPPED MOUND WASTEWATER DISPOSAL SYSTEM SECTION

# WASTEWATER DISPOSAL SYSTEM CONSTRUCTION AND MAINTENANCE NOTES

- WASTEWATER DISPOSAL SYSTEM LOCATION SHALL BI STAKED OUT BY THE DESIGNER PRIOR TO START OF CONSTRUCTION
- ATTACHED MOUND SYSTEM CONSTRUCTION INSTRUCTIONS SHALL BE FOLLOWED DURING THE INSTALLATION OF THE REPLACEMENT MOUND-TYPE WASTEWATER SYSTEM.
- THE DESIGNER SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE FOR A PRESSURE TEST OF THE MOUND SYSTEM PRESSURE DISTRIBUTION NETWORK.
- WASTEWATER SYSTEM FINISH GRADES WILL VARY WITH NATURAL TOPOGRAPHY PRIORITY IS TO MAINTAIN 3 ON 1 MOUND TOE SLOPES
- THE SEPTIC TANK AND PUMP STATION SHOULD BE INSPECTED ANNUALLY AND PUMPED OUT AT LEAST EVERY THREE (3) YEARS OR AS NECESSARY TO PREVENT SOLIDS FROM CARRYING OVER TO THE DISPOSAL SYSTEM.
- FOLLOWING THE MOUND WASTEWATER SYSTEM INSTALLATION, FINISH GRADE SHALL BE SEEDED AND MULCHED WITH A CONSERVATION GRASS SEED MIX.

#### STATE OF VERMONT MOUND SAND SPECIFICATIONS

(c) Fill Material: The fill material from the natural soil plowed surface to the top of the trench or bed shall be clean washed silics sand meeting one of the following sieve requirements:

(1). Sieve Number 3/8 40 60 100 200	Opening (mm) 9,500 0,420 0,240 0,149 0,074	Percent Passing, by Weight 85-100 25-75 0-30 0-10 0-5
(2). Sieve Number 4 8 16 30 50 100	Opening (mm) 4.750 2.380 1.190 0.590 0.297 0.149	Percent Passing, by Weight 95-100 80-100 50-85 25-60 10-30 2-10
(3) Sieve Number 3/8 40 200	Opening (mm) 9.500 0.420 0.074	Percent Passing, by Weight 85-100 30-50 0-5

The material must meet the specifications 1, 2, or 3 above. Interpolation of analyses is not permitted. Fill material 2 is ASTM Specification C-33 and is intended for manufactured material.

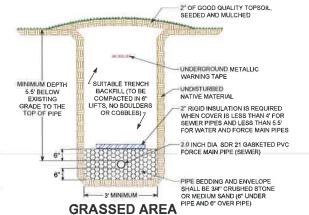
#### BOX (OR EQUAL) 4" PVC COUPLER WITH 4" PVC 45-DEGREE 4" X 4" PVC ELL FITTING (SOLVENT WELDED) WYE FITTIN (SOLVENT WELDED) BUILDING SEWER PIPE SECTION NOTES: SECTION 1. A CLEANOUT IS REQUIRED AT EACH HORIZONTAL CHANGE IN DIRECTION NOT

GREATER THAN 45-DEGREES AND A MINIMUM OF EVERY 100 LINEAR FEET OF BUILDING SEWER. BOILDING SEWER.

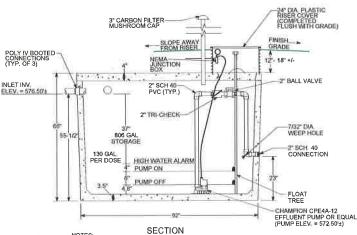
2. CLEANOUTS SHALL BE COMPLETED FLUSH WITH FINISH GRADE.

3. THE CONTRACTOR IS RESPONSIBLE FOR COLLECTING TIES TO THE CLEANOUT.

> **BUILDING SEWER CLEANOUT DETAIL**



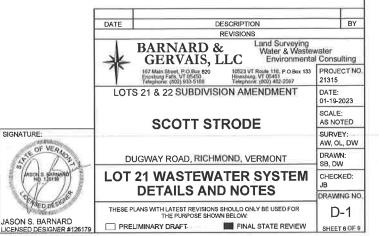
PIPE IN TRENCH DETAIL

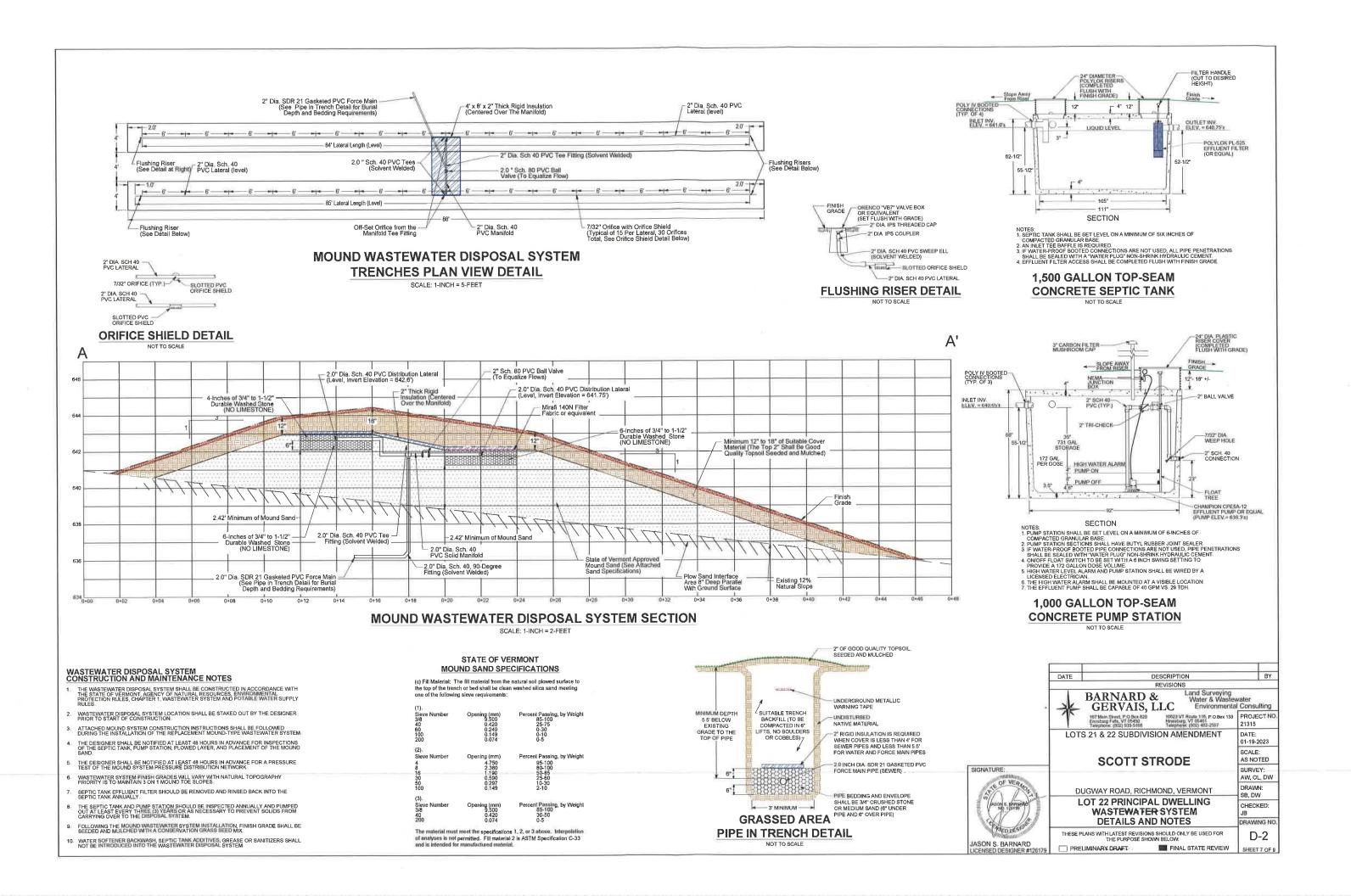


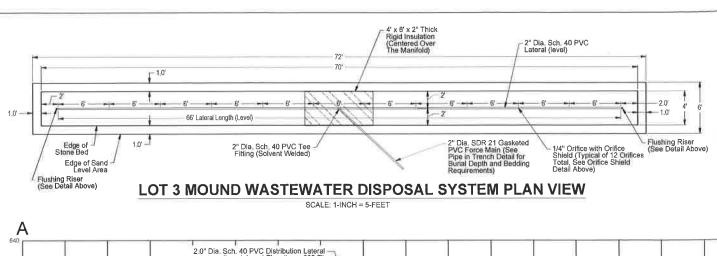
NOTES: 1. PUMP STATION SHALL BE SET LEVEL ON A MINIMUM OF 6-INCHES OF

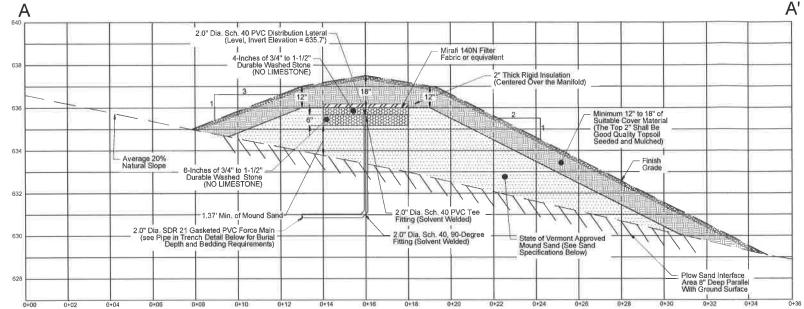
1. PUMP STATION SHALL BE SET LEVEL ON A MINIMUM OF 6-INCHES OF COMPACTED GRANULAR BASE.
2. PUMP STATION SECTIONS SHALL HAVE BUTYL RUBBER JOINT SEALER.
3. IF WATER-PROOF BOOTED PIPE CONNECTIONS ARE NOT USED, PIPE PENETRATIONS SHALL BE SEALED WITH "WATER PLUG" NON-SHRINK HYDRAULIC CEMENT.
4. ON/OFF FLOAT SWITCH TO BE SET WITH A 6 INCH SWING SETTING TO PROVIDE A 130 GALLON DOSE VOLUME.
5. HIGH WATER LEVEL ALARM AND PUMP STATION SHALL BE WIRED BY A LICENSED ELECTRICIAN.
6. THE HIGH WATER ALARM SHALL BE MOUNTED AT A VISIBLE LOCATION.
7. THE EFFLUENT PUMP SHALL BE CAPABLE OF 44 GPM VS. 15 TDH.

1,000 GALLON TOP-SEAM **CONCRETE PUMP STATION** 









# MOUND WASTEWATER DISPOSAL SYSTEM SECTION VERTICAL SCALE: 1-INCH = 2-FEET HORIZONTAL SCALE: 1-INCH = 2-FEET



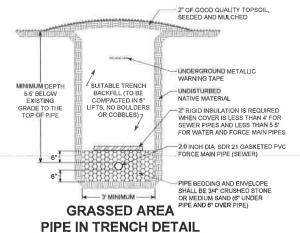
2" DIA SCH 40 PVC LATERAL 1/4" ORIFICE (TYP.) SLOTTED PVC - ORIFICE SHIELD

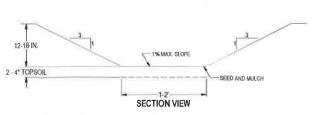
#### **ORIFICE SHIELD DETAIL**

NOT TO SCALE

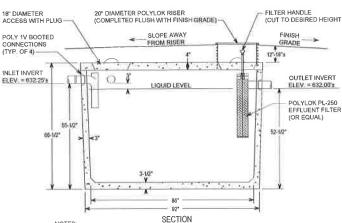
# WASTEWATER DISPOSAL SYSTEM CONSTRUCTION AND MAINTENANCE NOTES

- 2. WASTEWATER DISPOSAL SYSTEM LOCATION SHALL BE STAKED OUT BY THE DESIGNER PRIOR TO START OF CONSTRUCTION.  $\,$
- ATTACHED MOUND SYSTEM CONSTRUCTION INSTRUCTIONS SHALL BE FOLLOWED DURING THE INSTALLATION OF THE REPLACEMENT MOUND-TYPE WASTEWATER SYSTEM.
- 4 THE DESIGNER SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE FOR INSPECTIONS OF THE SEPTIC TANK, PUMP STATION, PLOWED LAYER, AND PLACEMENT OF THE MOUNT SAND.
- 5. THE DESIGNER SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE FOR A PRESSURE TEST OF THE MOUND SYSTEM PRESSURE DISTRIBUTION NETWORK.
- WASTEWATER SYSTEM FINISH GRADES WILL VARY WITH NATURAL TOPOGRAPHY PRIORITY IS TO MAINTAIN 3 ON 1 MOUND TOE SLOPES.
- SEPTIC TANK EFFLUENT FILTER SHOULD BE REMOVED AND RINSED BACK INTO THE SEPTIC TANK ANNUALLY.
- 8 THE SEPTIC TANK AND PUMP STATION SHOULD BE INSPECTED ANNUALLY AND PUMPED OUT AT LEAST EVERY THREE (3) YEARS OR AS NECESSARY TO PREVENT SOLIDS FROM CARRYING OVER TO THE DISPOSAL SYSTEM.
- 9. FOLLOWING THE MOUND WASTEWATER SYSTEM INSTALLATION, FINISH GRADE SHALL BE SEEDED AND MULCHED WITH A CONSERVATION GRASS SEED MIX.
- WATER SOFTENER BACKWASH, SEPTIC TANK ADDITIVES, GREASE OR SANITIZERS SHALL NOT BE INTRODUCED INTO THE WASTEWATER DISPOSAL SYSTEM.





SURFACE WATER DIVERSION SWALE



NOTES: SECTION

1. SEPTIO TANK SHALL BE SET LEVEL ON A MINIMUM OF SIX INCHES OF COMPACTED GRANULAR BASE.

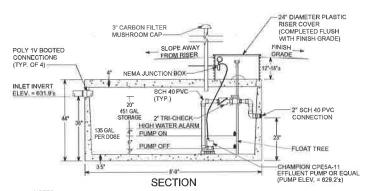
2. AN INLETTEE BAFFLE IS REQUIRED.

3. IF WATER-PROOF BOOTED CONNECTIONS ARE NOT USED, ALL PIPE PENETRATIONS SHALL BE SEALED WITH A "WATER PLUG" NON-SHRINK HYDRAULIC CEMENT.

4. EFFLUENT FILTER ACCESS SHALL BE COMPLETED FLUSH WITH FINISH GRADE.

# 1,000 GALLON TOP-SEAM **CONCRETE SEPTIC TANK**

NOT TO SCALE



NOTES: 1. PUMP STATION SHALL BE SET LEVEL ON A MINIMUM OF SIX INCHES OF COMPACTED GRANULAR BASE.

POINT STATION SECTIONS SHALL HAVE BUTYL RUBBER JOINT SEALER.
 IF WATER-PROOF BOOTED CONNECTIONS ARE NOT USED, ALL PIPE PENETRATIONS SHALL BE SEALED WITH A "WATER PLUG" NON-SHRINK HYDRAULIC CEMENT.

A WATER FLOG NON-SHRIM THERMOLIC CEMENT.

4. ONLOFF FLOGAT SWITCH TO BE SET WITH A 6-INCH SWING SETTING TO PROVIDE A 135 GALLON DOSE VOLUME.

5. HIGH WATER LEVEL ALARM AND PUMP STATION SHALL BE WIRED BY A LICENSED ELECTRICIAN.

7. THE HIGH WATER LEVEL ALARM SHALL BE MOUNTED AT A VISIBLE LOCATION.

7. THE EFFLUENT PUMP SHALL BE CAPABLE OF 21 GPM VS. 24 TDH.

DATE

800 GALLON TOP-SEAM CONCRETE PUMP STATION

> DESCRIPTION REVISIONS

BARNARD & GERVAIS, LLC

Land Surveying Water & Wastewater Environmental Consulting 10523 VT Reute 116, P.O.Box 133 Hiresburg, VT 05461 Telephone: (802) 422-2597 21315

DATE

SCALE:

01-19-2023

AS NOTED

AW, OL, DW

SURVEY:

DRAWN:

SB, DW

CHECKED:

LOTS 21 & 22 SUBDIVISION AMENDMENT

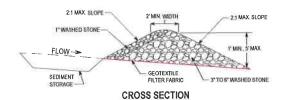
SCOTT STRODE

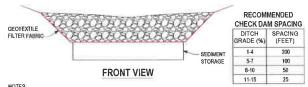
DUGWAY ROAD, RICHMOND, VERMONT **LOT 22 ACCESSORY DWELLING** 

WASTEWATER SYSTEM **DETAILS AND NOTES** 

THESE PLANS WITH LATEST REVISIONS SHOULD ONLY BE USED FOR THE PURPOSE SHOWN BELOW: D-3 PRELIMINARY DRAFT FINAL STATE REVIEW SHEET 8 OF 9

SIGNATURE: JASON S. BARNARD





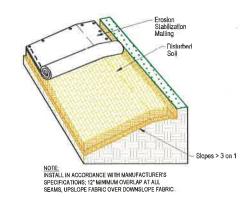
NOTES:

1. STONE CHECK DAMS SHALL BE INSTALLED IN ACCORDANCE WITH THE RECOMMENDED CHECK DAM SPACING TABLE ABOVE

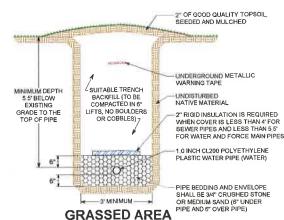
- 2. STONE CHECK DAMS SHALL BE INSTALLED PRIOR TO UPSLOPE EXCAVATING ACTIVITIES BEGINNING.
  3. THE SITE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF STONE CHECK DAMS.
- 4. STONE CHECK DAMS SHALL BE REMOVED ONCE FINISH GRADING IS COMPLETE AND A VEGETATIVE COVER IS ESTABLISHED

#### STONE CHECK DAM DETAIL

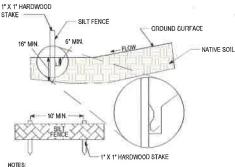
NOT TO SCALE



#### **ROLLED EROSION FABRIC DETAIL** NOT TO SCALE



# PIPE IN TRENCH DETAIL

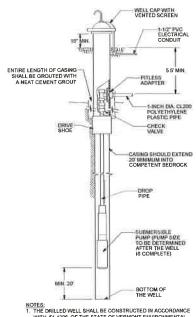


NOTES:

1. SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE LAND DISTURBANCE BEGINS.

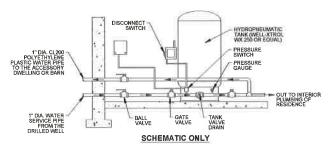
- SILT FENCE SHALL BE CONSTRUCTED DEFORE UPSLOPE LAND DISTURBANCE BEGINS.
   SILT FENCE SHALL BE FLACED AS CLOSE TO ALONG GROUND CONTOUR AS POSSIBLE
   SILT FENCE SHALL BE AT LEAST 16 INCHES ABOVE GROUND SURFACE.
   SILT FENCE SHALL BE PLACED IN A TENCH THAT IS A MINIMUM OF 6-INCHES DEEP
   SHARDWOOD STAKES SHALL BE ON THE DOWNSLOPE SIDE
   SEAMS BETWEEN THE SILT FENCE SECTIONS SHALL OVERLAP.

#### SILT FENCE DETAIL NOT TO SCALE



WITH \$1-120 OF THE STATE OF VERMONT ENVIRONMENTAL PROTECTION PULLS, CHAPTER 1, EFFECTIVE AVAILABLE, 2019. THE DRILLED WELL LOCATION SHALL ADHERE TO THE ISOLATION DISTANCES SHOWN ON THE DRILLED WELL ISOLATION TABLE ON THIS DRAWNING.

**DRILLED WELL CONSTRUCTION DETAIL** 



HYDROPNEUMATIC TANK (TO BE RESSURE SWITCH SETTING 40-60 PSI

TYPICAL COMPONENTS FOR A SHARED DRILLED WELL SUBMERSIBLE WELL PUMP WATER SYSTEM

# WASTEWATER DISPOSAL SYSTEM CONSTRUCTION AND MAINTENANCE NOTES

- THE WASTEWATER DISPOSAL SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STATE OF VERMONT, AGENCY OF NATURAL RESOURCES, ENVIRONMENTAL PROTECTION RULES, CHAPTER 1, WASTEWATER SYSTEM AND POTABLE WATER SUPPLY RULES
- WASTEWATER DISPOSAL SYSTEM LOCATION SHALL BE STAKED OUT BY THE DESIGNER PRIOR TO START OF CONSTRUCTION
- ATTACHED MOUND SYSTEM CONSTRUCTION INSTRUCTIONS SHALL BE FOLLOWED DURING THE INSTALLATION OF THE REPLACEMENT MOUND-TYPE WASTEWATER SYSTEM.
- 4. THE DESIGNER SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE FOR INSPECTIONS OF THE SEPTIC TANK, PUMP STATION, PLOWED LAYER, AND PLACEMENT OF THE MOUND SAND.
- 5 THE DESIGNER SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE FOR A PRESSURE TEST OF THE MOUND SYSTEM PRESSURE DISTRIBUTION NETWORK.
- 6. WASTEWATER SYSTEM FINISH GRADES WILL VARY WITH NATURAL TOPOGRAPHY PRIORITY IS TO MAINTAIN 3 ON 1 MOUND TOE SLOPES. SEPTIC TANK EFFLUENT FILTER SHOULD BE REMOVED AND RINSED BACK INTO THE SEPTIC TANK ANNUALLY

- 9 FOLLOWING THE MOUND WASTEWATER SYSTEM INSTALLATION, FINISH GRADE SHALL BE SEEDED AND MULCHED WITH A CONSERVATION GRASS SEED MIX
- 10. WATER SOFTENER BACKWASH, SEPTIC TANK ADDITIVES, GREASE OR SANITIZERS SHALL NOT BE INTRODUCED INTO THE WASTEWATER DISPOSAL SYSTEM.

- WATER SUPPLY LEAKAGE AND PRESSURE TESTING

  (a) Water service lines and water service pipes shall be pressure tested and leakage tested according to one of the following procedures prior to placing the potable water supply into service:
  (1) Vermont Plumbing Rules;
  (2) the AWWA: or
  (3) by pressurizing the lines and pipes with water at the working pressure of the system or greater and hold without a drop in pressure for a minimum of 16 minutes

  (b) Almospheric storage structures shall be leakage tested according to the following procedure to ensure water loss is equal to or less than 0.05 of 1 percent of the tank exception to only not be desting the service. capacity prior to placing the structure into service
- (1) filling the tank with potable water and let stand for 24 hours; and (2) measuring the loss of water over 24 hours. (c) If the water service line, water service pipe, or atmospheric storage structure fails the pressure or leakage test, the cause of the failure shall be repaired, and the line, pipe, or structure retested

#### WATER SUPPLY DISINFECTION

- (a) A potable water supply shall be disinfected pursuant to the requirements of Subsection (b), (c), and (d) prior to placing the potable water supply into service and after any servicing or repair of the potable water supply, such as installation of new pipes, wires, casing, or pumps.

  (b) Disinfection of the potable water source shall be completed pursuant to the recommendations by the Verment Department of Health for disinfecting a water system, or

- (b) Disinfection of the potable water source shall be completed pursuant to the recommendations by the Vermont Department of Health for disinfecting a water system, or the following method:

  (1) flush the potable water supply until the water runs clear;

  (2) provide an initial desage of at least 100 mg/L of chlorine in the potable water source;

  (3) circulate the water in the potable water source, and or a minimum of 12 to 24 hours before disposing of the chlorinated water.

  (4) allow the water to rest in the potable water source for a minimum of 12 to 24 hours before disposing of the chlorinated water.

  (5) Disinfection of water service lines and water service pipes shall be completed pursuant to the requirements of the Vermont Plumbing Rules or the following method:

  (1) flit the water service line or water service pipe with a water/chlorine solution of 100 mg/L; and

  (2) allow the chlorinated water to rest in the water service line or water service pipe for a minimum of 24 hours before disposing of the chlorinated water.

  (3) Disinfection of water storage lanks shall be completed pursuant to AWWA Standard C652.

  (4) Chlorinated water used to disinfect or resulting from disinfection of potable water supplies shall not be discharged to a wastewater system or to surface water. Proper disposal of the chlorinated water is to the ground surface through sheet flow that Infiltrates into the soil or disposal to a wastewater freatment facility, if authorized by the wastewater freatment acility.

DRILLED WELL REQUIRED MINIMUM ISOLATION DISTANCES

1. THESE DISTANCES APPLY TO DRILLED WELLS SERVING A SINGLE-FAMILY RESIDENCE. WITH A MAXIMUM DAILY DEMAND OF LESS THAN 1.9 GPM

2. THE DRILLED WELL SHALL BE CONSTRUCTED IN ACCORDANCE WITH §1-1206 OF THE STATE OF VERMONT ENVIRONMENTAL PROTECTION RULES, CHAPTER 1, EFFECTIVE APRIL 12, 2019.

POTENTIAL SOURCE OF CONTAMINATION SEPARATION DISTANCE

SEWAGE DISPOSAL FIELD WITH FLOWS <2000 GPD 200 FEET IF WELL IS DOWNSLOPE 100 FEET IF WELL IS UPSLOPE EDGE OF RESIDENTIAL DRIVE SERVING 3 RESIDENCES OR LESS 5 FEET 25 FEET EDGE OF DRIVEWAY, ROADWAY OR PARKING LOT SERVING 3 OR MORE RESIDENCES 5 FEET LIMIT OF HERBICIDE APPLICATION ON UTILITY RIGHT-OF-WAY 100 FEET SURFACE WATER CONCENTRATED LIVESTOCK HOLDING
AREAS AND MANURE STORAGE:
ABOVE GROUND
IN-GROUND CONCRETE/GEOSYNTHETIC LINED
EARTHEN LINED 200 FEET

HAZARDOUS OR SOLID WASTE DISPOSAL SITE NON-SEWAGE WASTEWATER DISPOSAL FIELDS CONTACT DESIGNER CONTACT DESIGNER SIGNATURE IASON S. BARNARD

DATE DESCRIPTION BY REVISIONS Land Surveying Water & Waste BARNARD & GERVAIS, LLC Environmental Consulting 10523 VT Route t16, P.O.Box 133 PROJECT NO. Hinesburg, VT 05451 Telephone: (600) 452-2507 21315 LOTS 21 & 22 SUBDIVISION AMENDMENT DATE: 01-19-2023 SCALE: AS NOTED SCOTT STRODE SURVEY: AW, OL, DW DRAWN: DUGWAY ROAD, RICHMOND, VERMONT SB, DW WATER SYSTEM(S) DETAILS & NOTES, CHECKED: **EROSION CONTROL DETAILS** D-4

THESE PLANS WITH LATEST REVISIONS SHOULD ONLY BE USED FOR THE PURPOSE SHOWN BELOW: PRELIMINARY DRAFT FINAL STATE REVIEW

