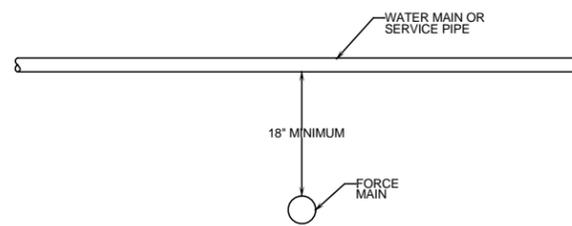
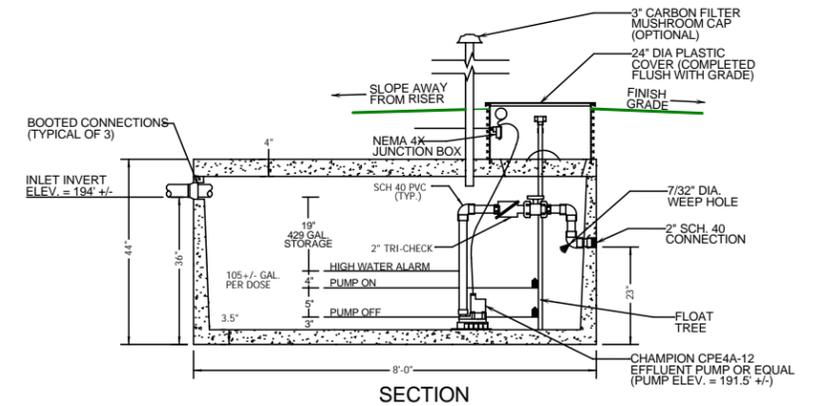


MOUND WASTEWATER DISPOSAL SYSTEM PLAN VIEW DETAIL
SCALE = NOT TO SCALE



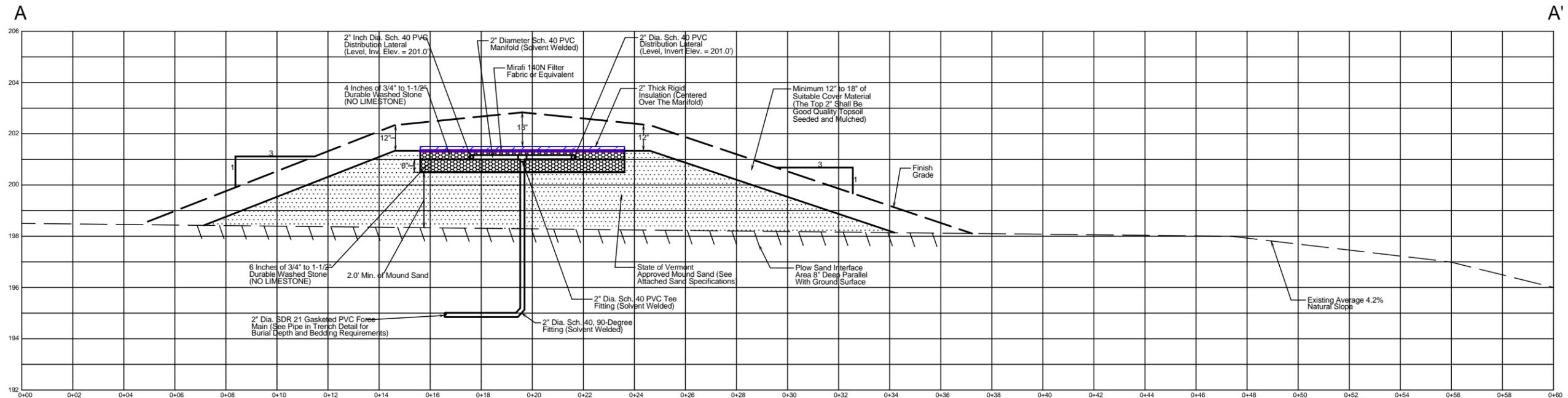
- NOTES:
1. WATER MAINS CROSSING SEWERS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF THE SEWER. THIS SHALL BE THE CASE WHERE THE WATER MAIN IS EITHER ABOVE OR BELOW THE SEWER. AT CROSSINGS, ONE FULL LENGTH OF WATER PIPE SHALL BE LOCATED SO BOTH JOINTS WILL BE AS FAR FROM SEWER AS POSSIBLE. IF THE SEWER MAIN IS OVER THE WATER MAIN, THEN THE SEWER MAIN MUST BE ENCASED BY CONCRETE, EXTENDING BEYOND THE FIRST SEWER PIPE JOINTS AND RESTING ON UNDISTURBED SOIL ON EACH SIDE OF THE WATER MAIN, OR THE SEWER LINE SHALL BE INSTALLED TO MEET THE SECRETARY'S SEWER LINE STANDARDS FOR SOURCE PROTECTION AREAS.
 2. IF 18 INCHES OF VERTICAL SEPARATION IS NOT ABLE TO BE ACHIEVED, THE DESIGNER SHALL BE CONTACTED.

WATER AND SEWER CROSSING WATER OVER SEWER
NOT TO SCALE



- DESIGNER NOTES:
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 5 INCH SWING SETTING TO PROVIDE A 105 +/- 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 32 GPM VS. 24 FEET TDH.

800-GALLON TOP-SEAM CONCRETE PUMP STATION
NOT TO SCALE

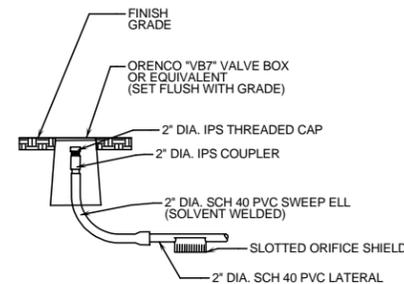


MOUND WASTEWATER DISPOSAL SYSTEM SECTION

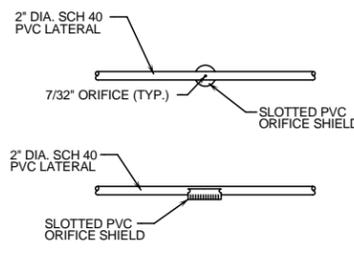
VERTICAL SCALE = NOT TO SCALE
HORIZONTAL SCALE = NOT TO SCALE

WASTEWATER DISPOSAL SYSTEM CONSTRUCTION AND MAINTENANCE NOTES

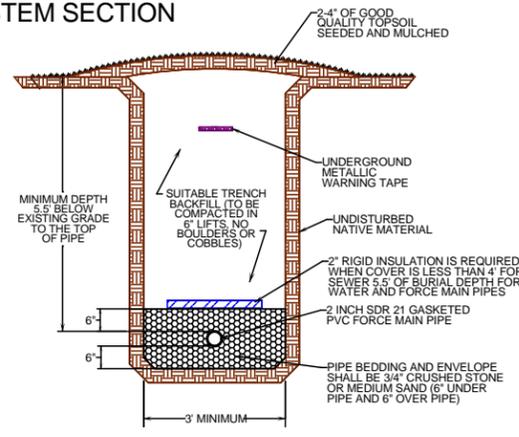
1. THE WASTEWATER DISPOSAL SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STATE OF VERMONT, AGENCY OF NATURAL RESOURCES, ENVIRONMENTAL PROTECTION RULES, CHAPTER 1, WASTEWATER SYSTEM AND POTABLE WATER SUPPLY RULES.
2. WASTEWATER DISPOSAL SYSTEM LOCATION SHALL BE STAKED OUT BY THE DESIGNER PRIOR TO START OF CONSTRUCTION.
3. 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.
7. SEPTIC TANK EFFLUENT FILTER SHOULD BE REMOVED AND RINSED BACK INTO THE SEPTIC TANK ANNUALLY.
8. THE SEPTIC TANKS AND PUMP STATION SHOULD BE INSPECTED ANNUALLY AND PUMPED OUT EVERY 3 YEARS.
9. FOLLOWING THE MOUND WASTEWATER SYSTEM INSTALLATION, FINISH GRADE SHALL BE SEEDED AND MULCHED WITH A CONSERVATION GRASS SEED MIX.



FLUSHING RISER DETAIL
NOT TO SCALE



ORIFICE SHIELD DETAIL
NOT TO SCALE



GRASSED AREA PIPE IN TRENCH DETAIL
NOT TO SCALE

<p>PERMITTING</p> <p>TITLE:</p> <p>REPLACEMENT WASTEWATER SYSTEM NOTES AND DETAILS</p>		<p>Jason Barnard Consulting, LLC</p> <p>4400 VT Route 17 Starksboro, VT 05487</p> <p>Telephone: (802) 453-2597 Fax number: (802) 453-8497 E-mail: jbsitetech@hotmail.com</p>	
<p>SIGNATURE:</p> <p></p> <p>JASON S. BARNARD LICENSED DESIGNER #430-B</p>		<p>NANCY J. FAULKNER</p> <p>REPLACEMENT WASTEWATER DISPOSAL SYSTEM</p> <p>283 HIGBEE ROAD</p> <p>CHARLOTTE, VERMONT</p>	
<p>DATE:</p> <p>AUGUST 20, 2015</p>	<p>REVISIONS:</p> <p>Pump Station Dose Volume 9-8-15</p> <p>Pump Requirements 9-8-15</p>	<p>DRAWING NO</p> <p>3</p> <p>SHEET 3 OF 3</p>	
<p>SCALE: AS NOTED</p>	<p>DRAWN BY: CS</p>	<p>CHECKED BY: JB</p>	