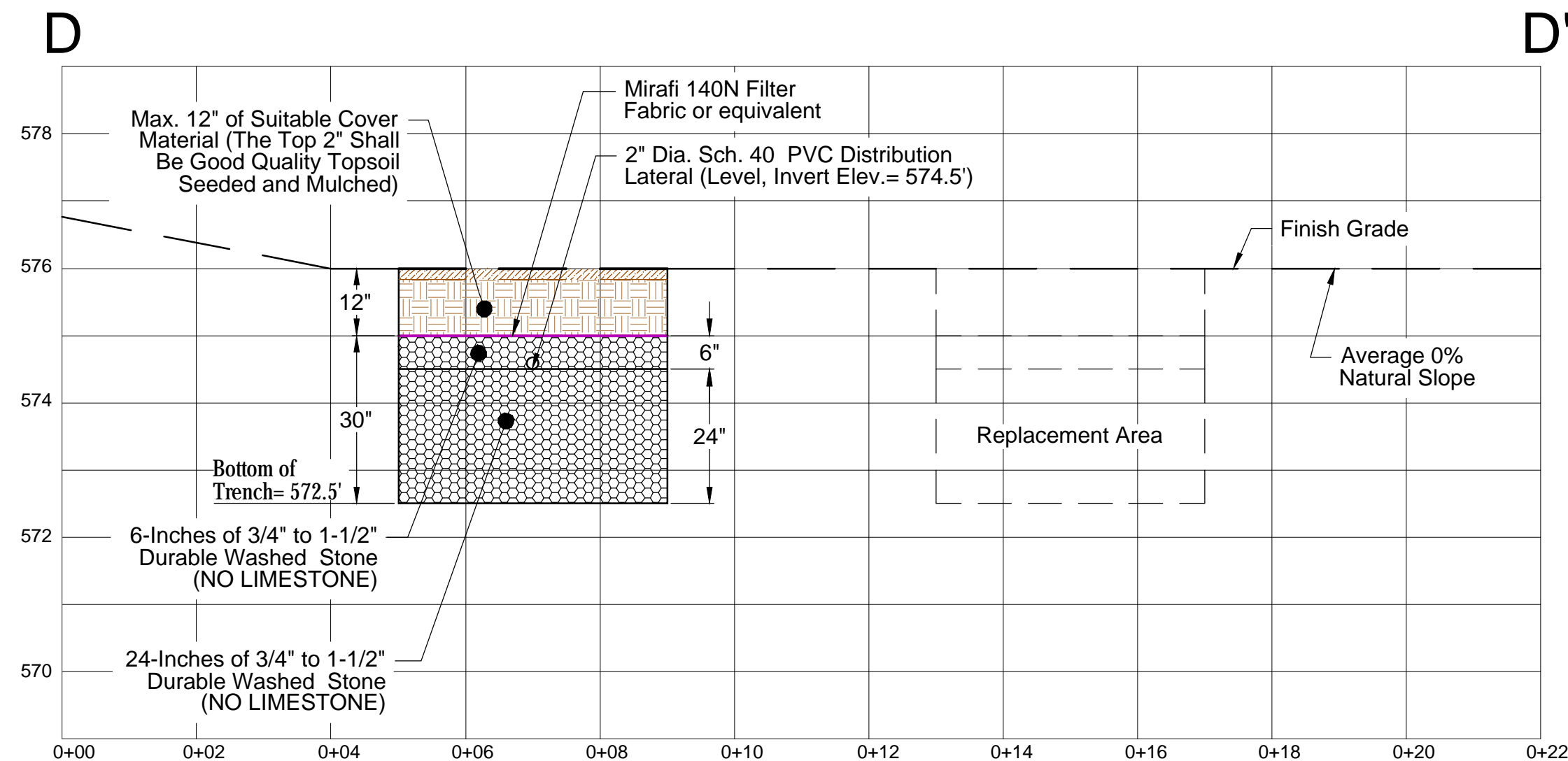


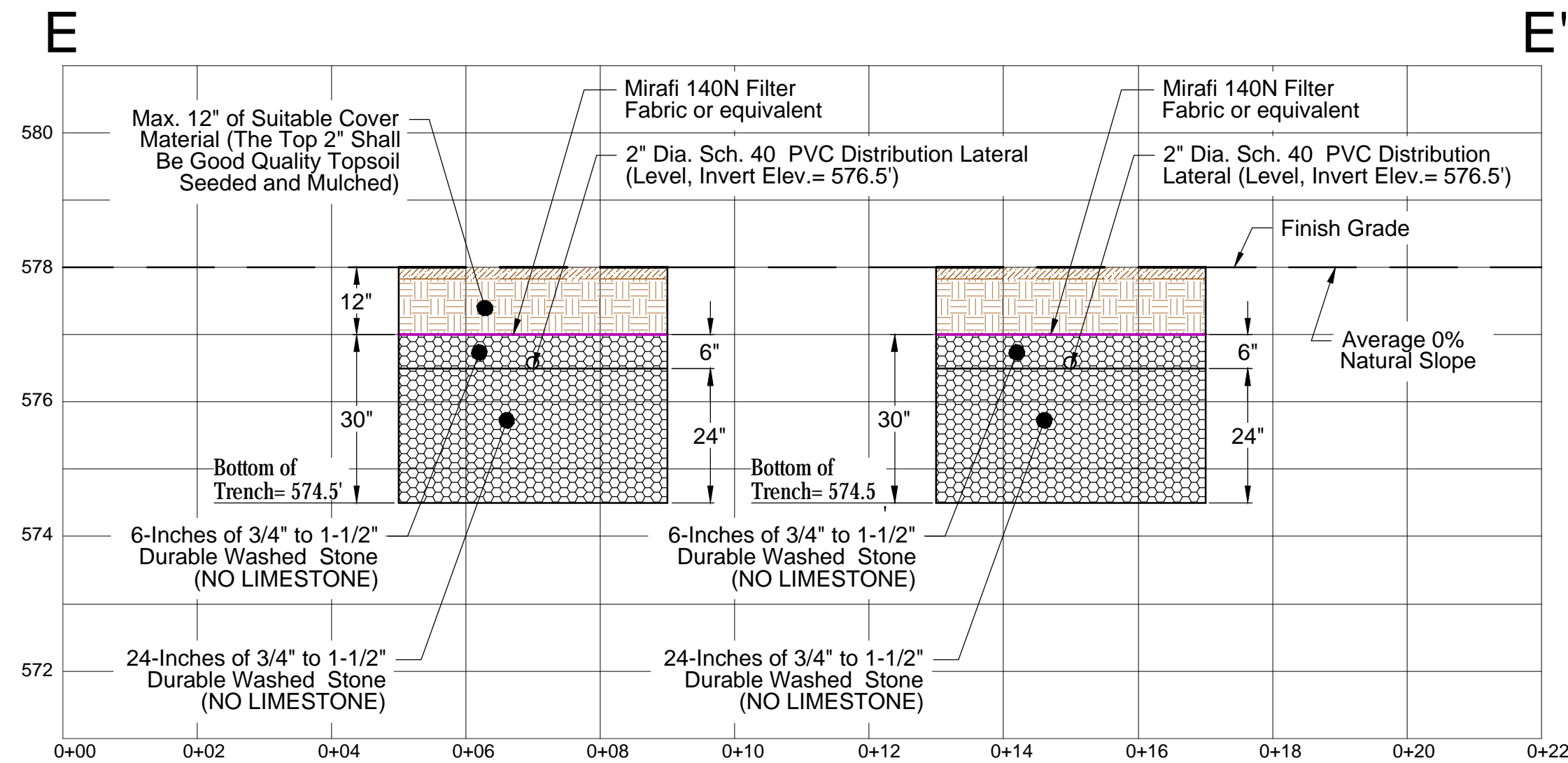
LOT 1
PRESSURIZED IN-GROUND WASTEWATER
DISPOSAL SYSTEM SECTION

SCALE: 1-INCH = 2- FEET



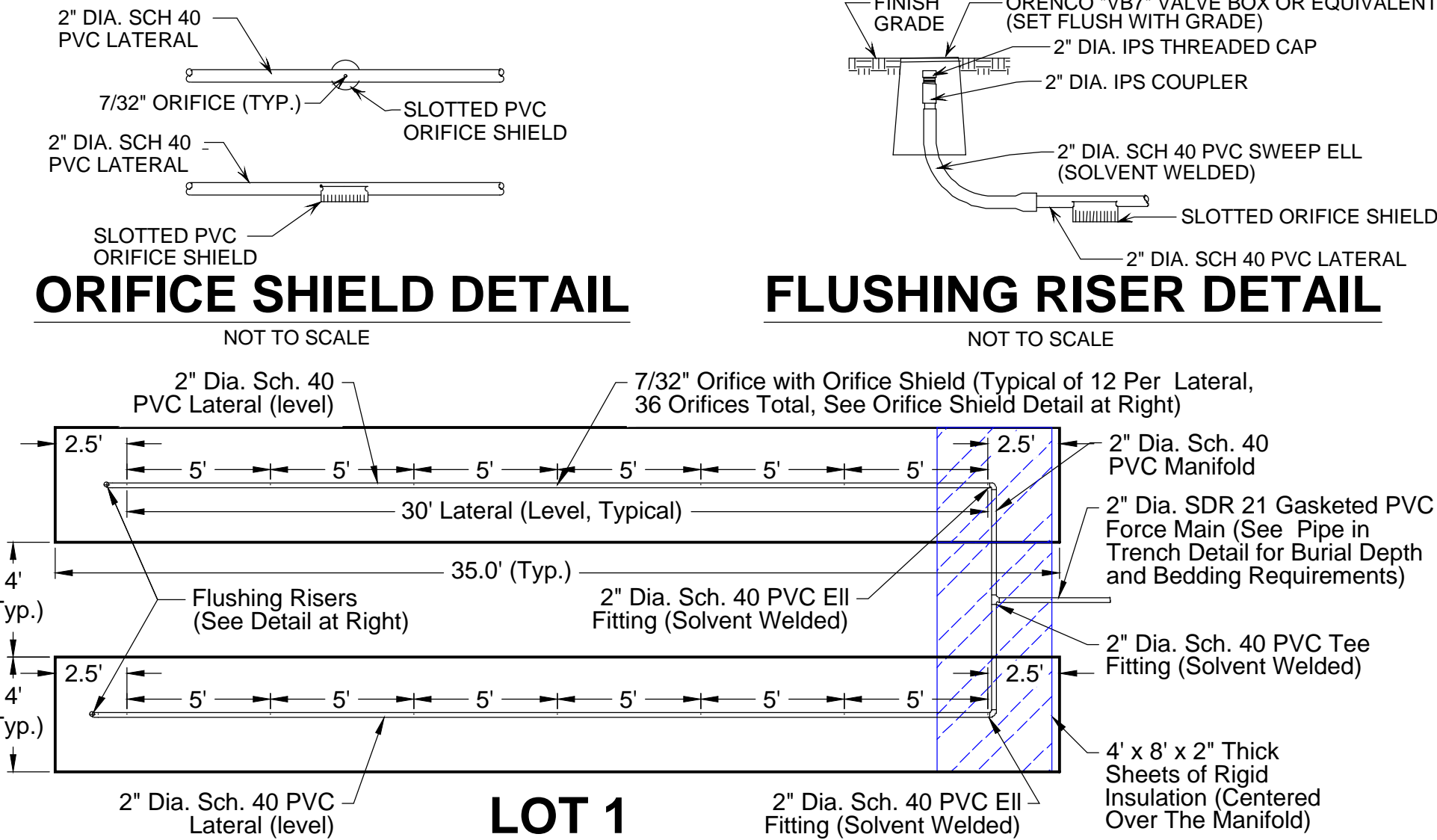
LOT 4
IN-GROUND WASTEWATER
DISPOSAL SYSTEM SECTION

SCALE: 1-INCH = 2- FEET



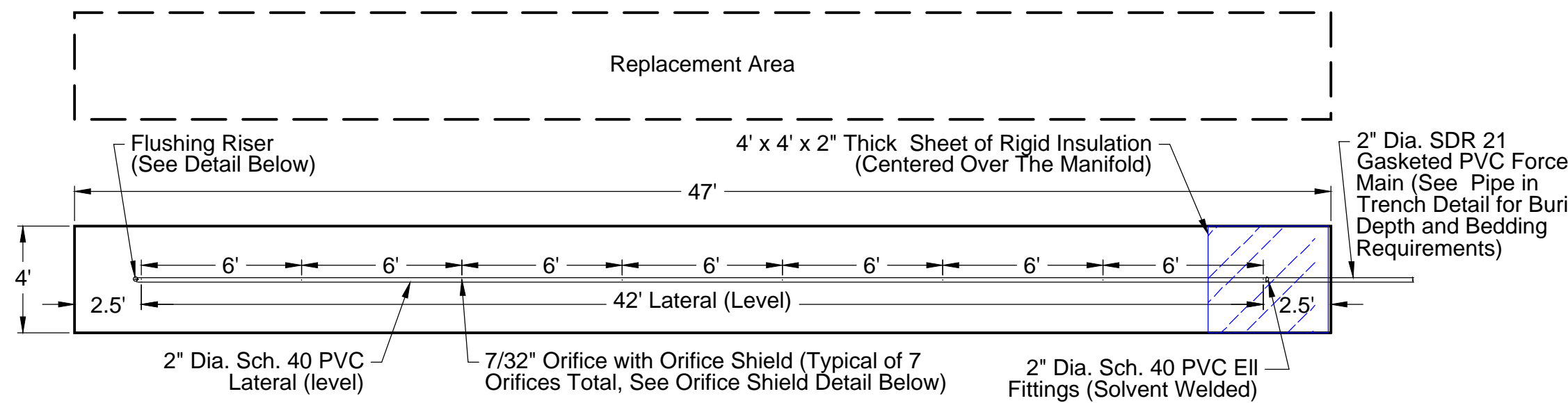
LOT 5
REPLACEMENT IN-GROUND WASTEWATER
DISPOSAL SYSTEM SECTION

SCALE: 1-INCH = 2- FEET



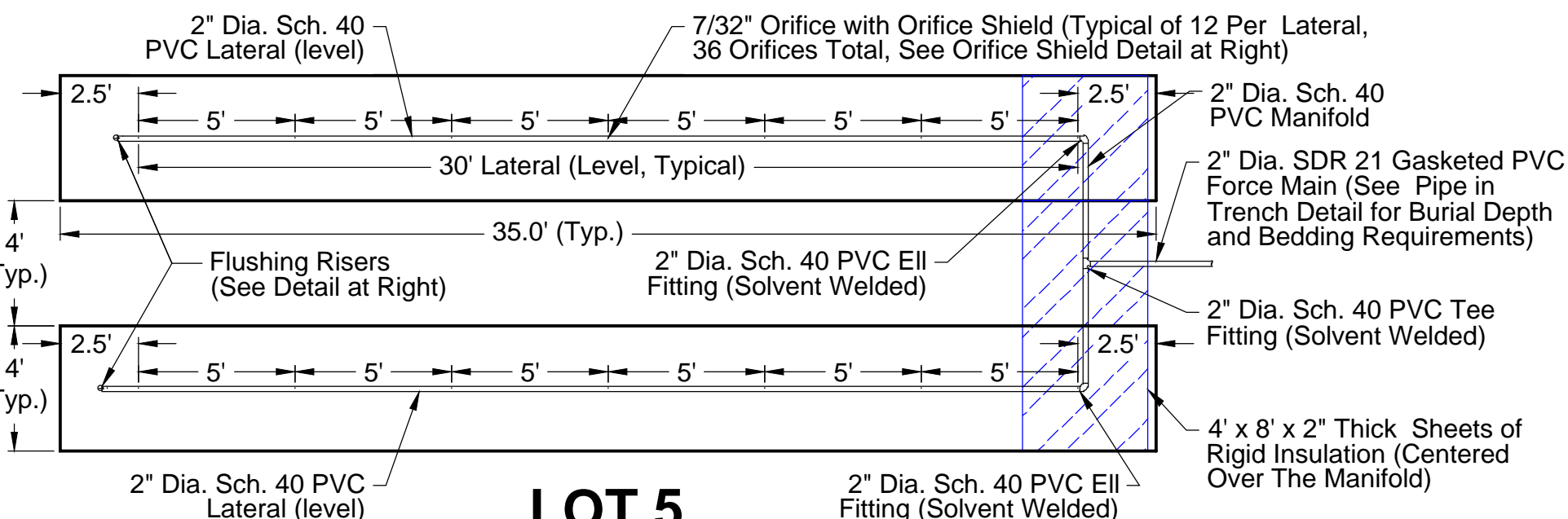
LOT 1
PRESSURIZED IN-GROUND WASTEWATER
DISPOSAL SYSTEM PLAN VIEW DETAIL

SCALE: 1-INCH = 5- FEET



LOT 4
IN-GROUND WASTEWATER
DISPOSAL SYSTEM PLAN VIEW DETAIL

SCALE: 1-INCH = 5- FEET



LOT 5
REPLACEMENT IN-GROUND WASTEWATER
DISPOSAL SYSTEM PLAN VIEW DETAIL

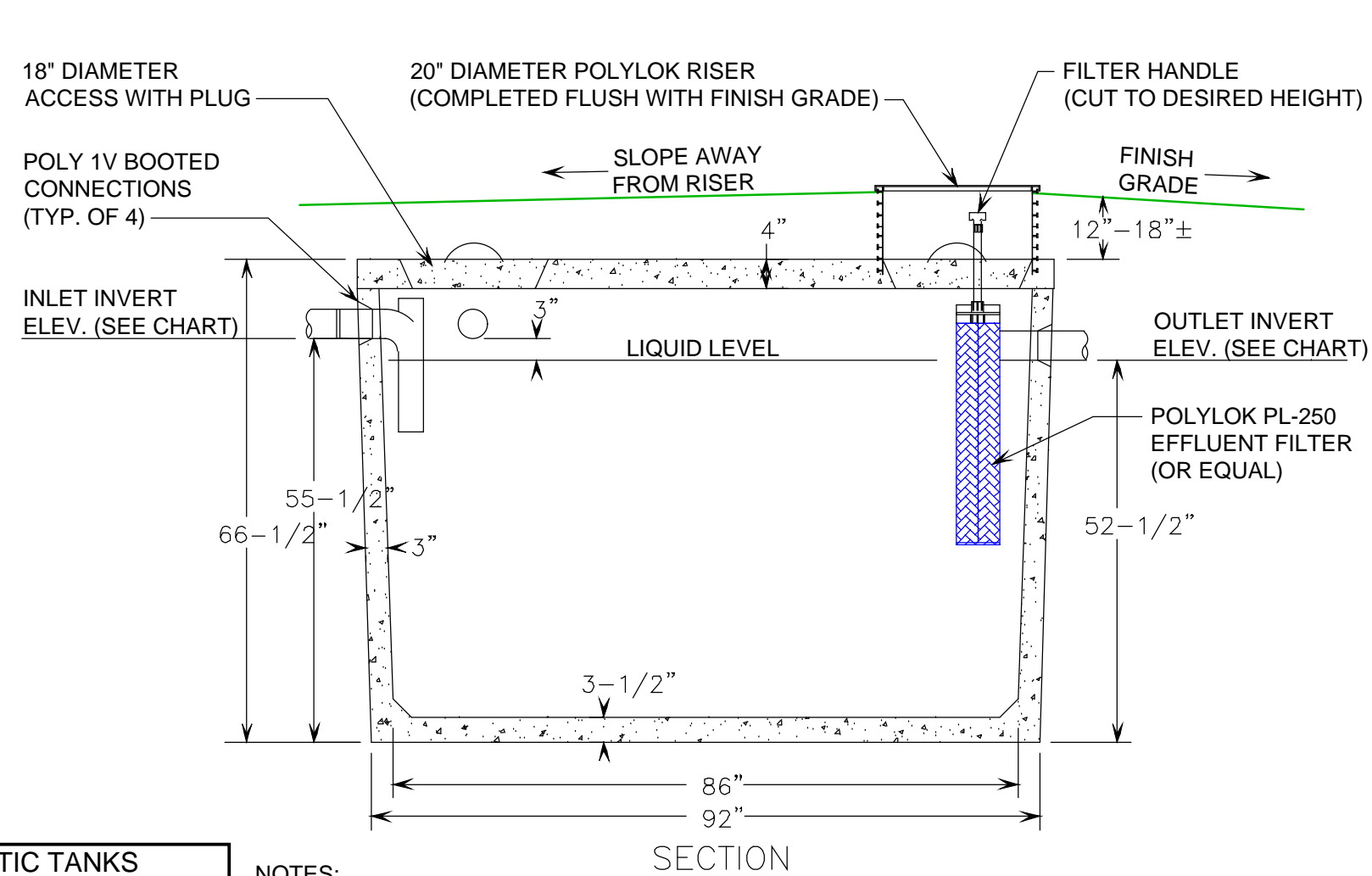
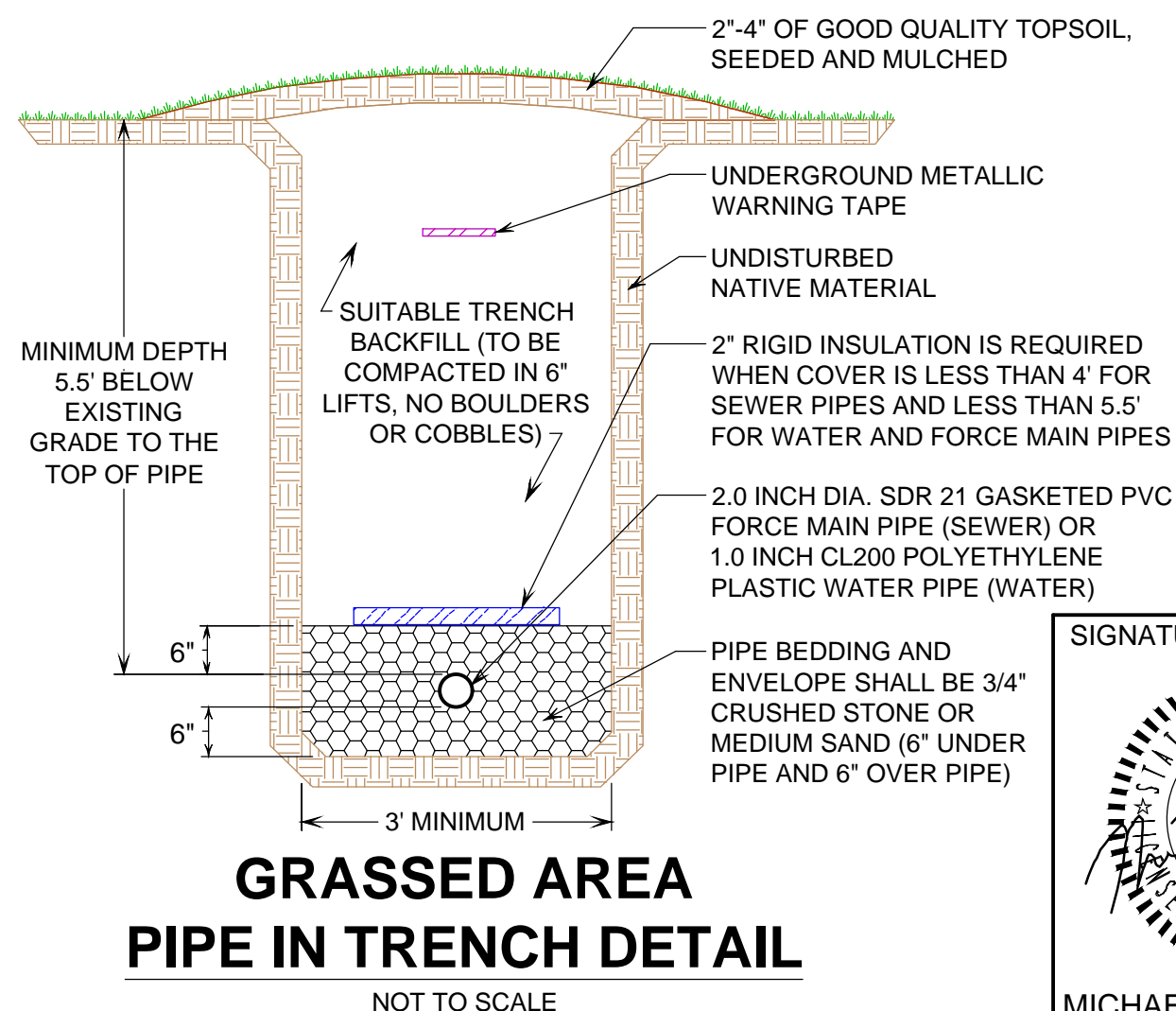
SCALE: 1-INCH = 5- FEET

PRESSURIZED IN-GROUND WASTEWATER DISPOSAL SYSTEM CONSTRUCTION AND MAINTENANCE NOTES

1. THE PRESSURIZED IN-GROUND 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. THE PRESSURIZED IN-GROUND WASTEWATER DISPOSAL SYSTEM LOCATION SHALL BE STAKED OUT BY THE DESIGNER PRIOR TO START OF CONSTRUCTION.
3. THE DESIGNER SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE FOR INSPECTIONS OF THE SEPTIC TANK, PUMP STATION AND PREPARATION OF THE ABSORPTION TRENCHES PRIOR TO PLACING THE SYSTEM STONE AND PRIOR TO FINAL COVERING OF THE WASTEWATER SYSTEM.
4. THE DESIGNER SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE FOR A PRESSURE TEST OF THE IN-GROUND SYSTEM PRESSURE DISTRIBUTION NETWORK.
5. THE CONTRACTOR SHALL ADHERE TO VERMONT OCCUPATIONAL HEALTH AND A SAFETY GUIDELINES FOR EXCAVATING AND TRENCH EXCAVATIONS.
6. SEPTIC TANK EFFLUENT FILTER SHOULD BE REMOVED AND RINSED BACK INTO THE SEPTIC TANK ONCE A YEAR.
7. THE SEPTIC TANK AND PUMP STATION SHALL BE INSPECTED ANNUALLY AND PUMPED OUT EVERY 3 YEARS.
8. FOLLOWING THE PRESSURIZED IN-GROUND WASTEWATER SYSTEM INSTALLATION, FINISH GRADE SHALL BE SEEDDED AND MULCHED WITH A CONSERVATION GRASS SEED MIX.
9. WATER SOFTENER BACKWASH, SEPTIC TANK ADDITIVES, GREASE OR SANITIZERS SHALL NOT BE INTRODUCED INTO THE WASTEWATER DISPOSAL SYSTEM.

REPLACEMENT IN-GROUND WASTEWATER DISPOSAL SYSTEM CONSTRUCTION AND MAINTENANCE NOTES

1. THE REPLACEMENT IN-GROUND WASTEWATER SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STATE OF VERMONT PERMITTED DESIGN DRAWINGS.
2. THE REPLACEMENT WASTEWATER DISPOSAL SYSTEM LOCATION SHALL BE STAKED OUT BY THE DESIGNER PRIOR TO START OF CONSTRUCTION.
3. THE DESIGNER SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE FOR INSPECTIONS OF THE SEPTIC TANK, PREPARATION OF THE ABSORPTION TRENCHES PRIOR TO PLACING THE SYSTEM STONE AND PRIOR TO FINAL COVERING OF THE WASTEWATER SYSTEM.
4. THE CONTRACTOR SHALL ADHERE TO VERMONT OCCUPATIONAL HEALTH AND A SAFETY GUIDELINES FOR EXCAVATING AND TRENCH EXCAVATIONS.
5. SEPTIC TANK EFFLUENT FILTER SHOULD BE REMOVED AND RINSED BACK INTO THE SEPTIC TANK ONCE A YEAR.
6. THE SEPTIC TANK SHALL BE INSPECTED ANNUALLY AND PUMPED OUT EVERY 3 YEARS.
7. FOLLOWING THE IN-GROUND WASTEWATER SYSTEM INSTALLATION, FINISH GRADE SHALL BE SEEDDED AND MULCHED WITH A CONSERVATION GRASS SEED MIX.

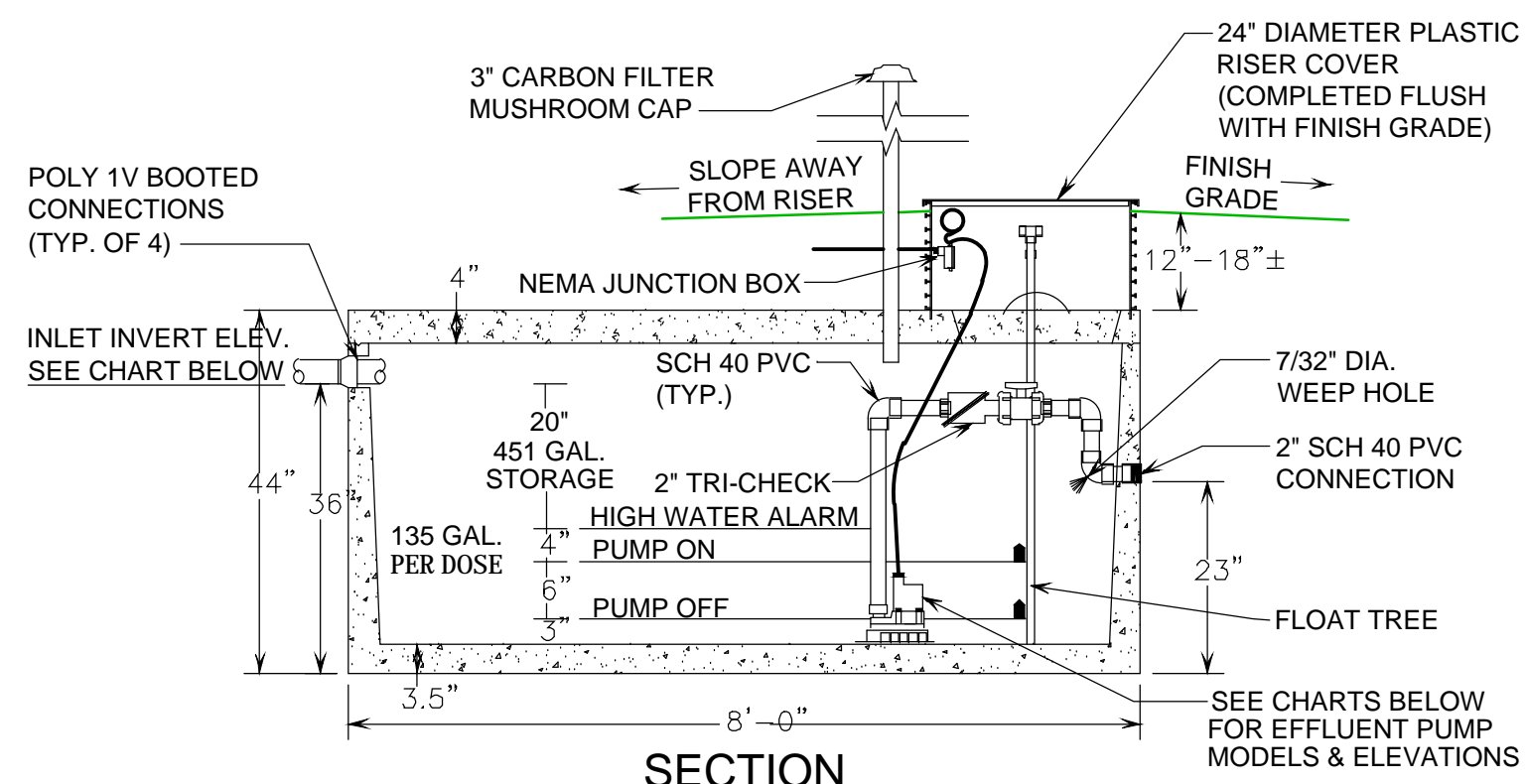


SEPTIC TANKS PIPE INVERT ELEVATIONS			
LOT NO.	INLET	OUTLET	
1	575.00'	574.75'	
4	576.00'	575.75'	
5	MATCH EXISTING		

- NOTES:
1. SEPTIC TANK SHALL BE SET LEVEL ON A MINIMUM OF SIX INCHES OF COMPACTED GRANULAR BASE.
 2. AN INLET TEE 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.
 2. PUMP STATION SECTIONS SHALL HAVE BUTYL RUBBER JOINT SEALER.
 3. IF WATER-PROOF BOOTED CONNECTIONS ARE NOT USED, ALL PIPE PENETRATIONS SHALL BE SEALED WITH A "WATER PLUG" NON-SHRINK HYDRAULIC CEMENT.
 4. ON/OFF FLOAT 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.
 6. THE HIGH WATER LEVEL ALARM SHALL BE MOUNTED AT A VISIBLE LOCATION.
 7. THE EFFLUENT PUMP SHALL BE CAPABLE OF GPM & TDH AS LISTED IN CHART AT LEFT.

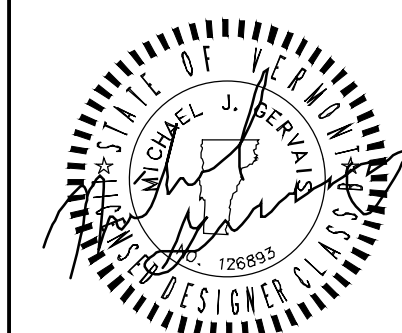
800 GALLON TOP-SEAM
CONCRETE PUMP STATION

NOT TO SCALE

PUMP STATIONS PIPE INVERT ELEVATIONS			
LOT NO.	INLET	PUMP	
1	574.50'	571.75'	
4	N/A (NO PUMP)		
5	N/A (NO PUMP)		

EFFLUENT PUMPS PERFORMANCE			
LOT NO.	PUMP	GPM	TDH
1	CPE3A-12	24	13
4	N/A (NO PUMP)		
5	N/A (NO PUMP)		

SIGNATURE:



MICHAEL J. GERVAIS
LICENSED DESIGNER #126893

DATE	DESCRIPTION	BY
REVISIONS		
BARNARD & GERVAIS, LLC Land Surveying Water & Wastewater Environmental Consulting 167 Main Street, P.O. Box 820 Enosburg Falls, VT 05450 Telephone: (802) 933-5168 10523 VT Route 116, P.O. Box 133 Hinesburg, VT 05461 Telephone: (802) 482-2597		
PROJECT NO. 19017		
DATE: 12-09-2019		
SCALE: AS NOTED		
SURVEY: JG, AP		
DRAWN: SB		
CHECKED: MJG		
DRAWING NO. D-1		
SHEET 3 OF 4		

SHANE SIZEN
146 KAYS WAY, FLETCHER, VERMONT

LOTS 1, 4 & 5 WASTEWATER SYSTEMS DETAILS AND NOTES

THESE PLANS WITH LATEST REVISIONS SHOULD ONLY BE USED FOR THE PURPOSE SHOWN BELOW:

☐ PRELIMINARY DRAFT ☒ FINAL STATE REVIEW