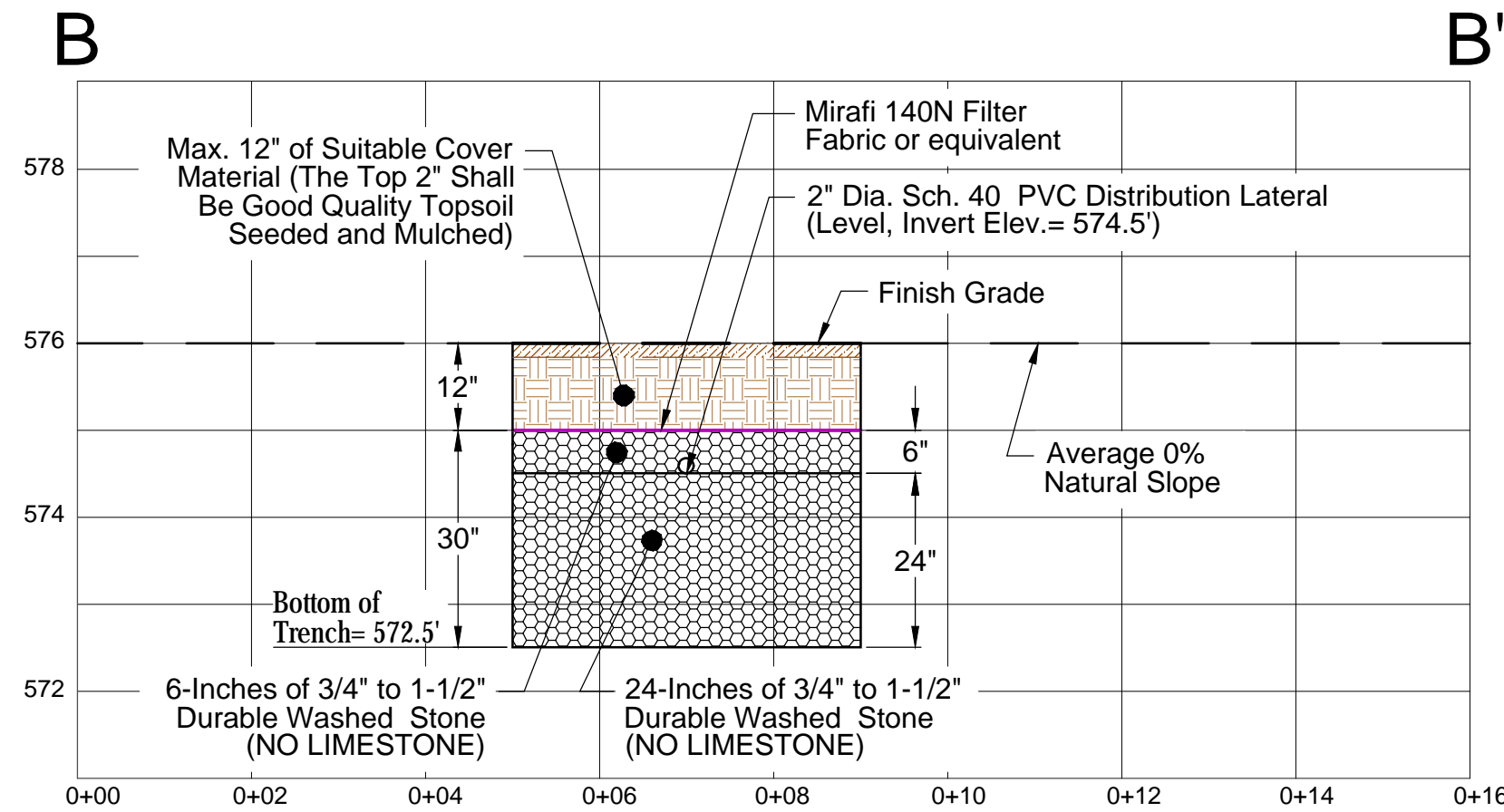


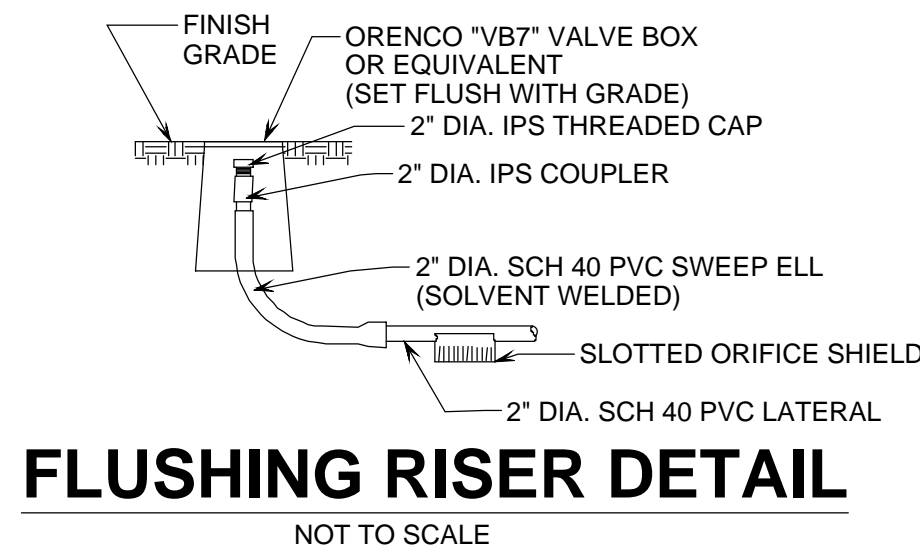
## LOT 2 PRESSURIZED IN-GROUND WASTEWATER DISPOSAL SYSTEM PLAN VIEW DETAIL

SCALE: 1-INCH = 5- FEET



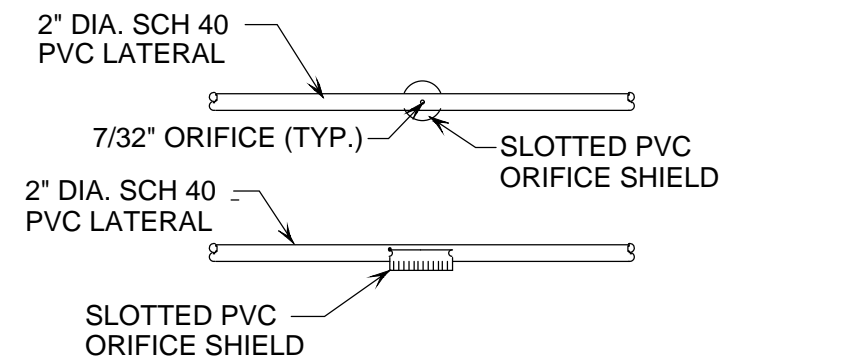
## LOT 2 PRESSURIZED IN-GROUND WASTEWATER DISPOSAL SYSTEM SECTION

SCALE: 1-INCH = 2- FEET



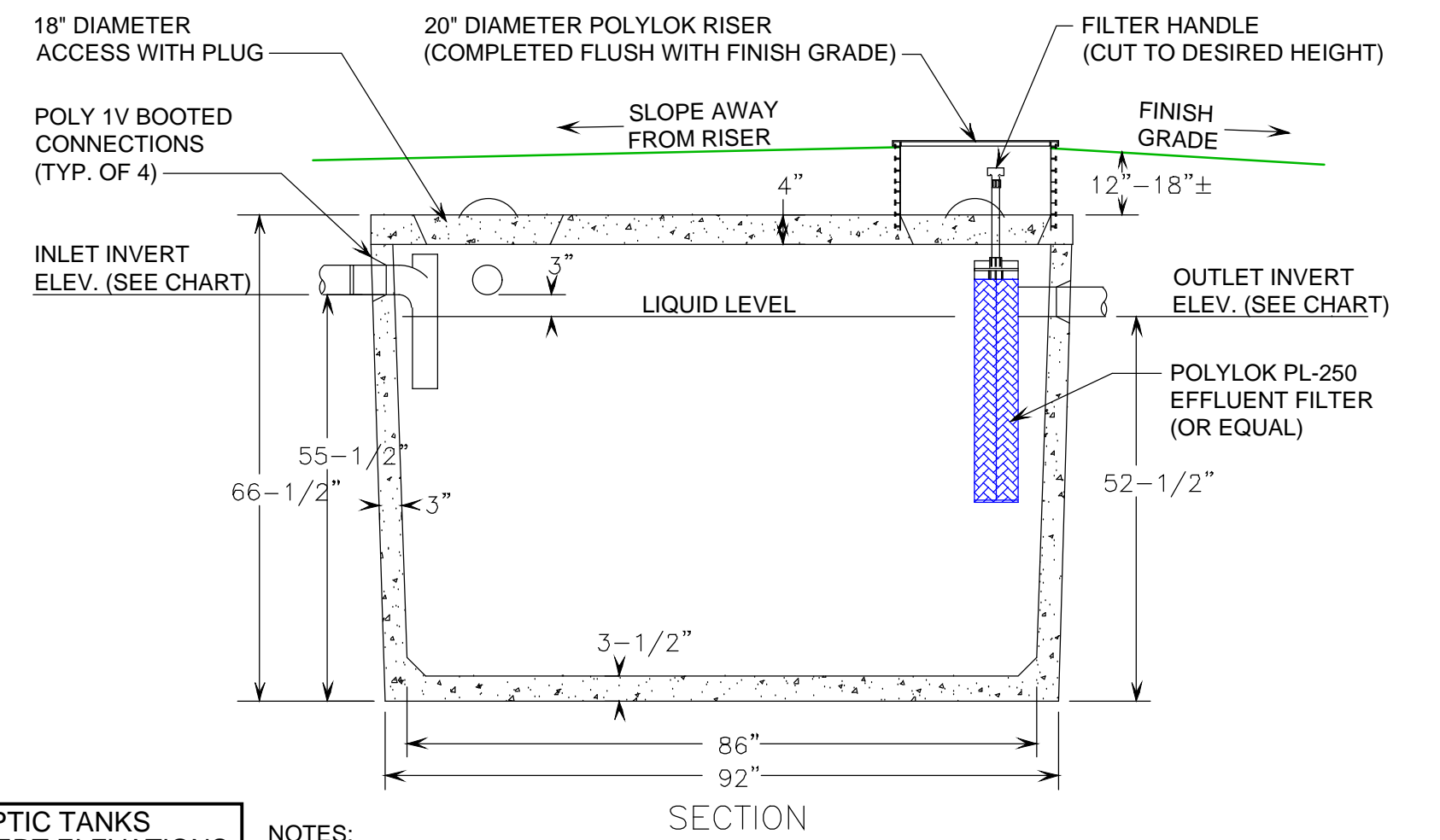
## FLUSHING RISER DETAIL

NOT TO SCALE



## ORIFICE SHIELD DETAIL

NOT TO SCALE

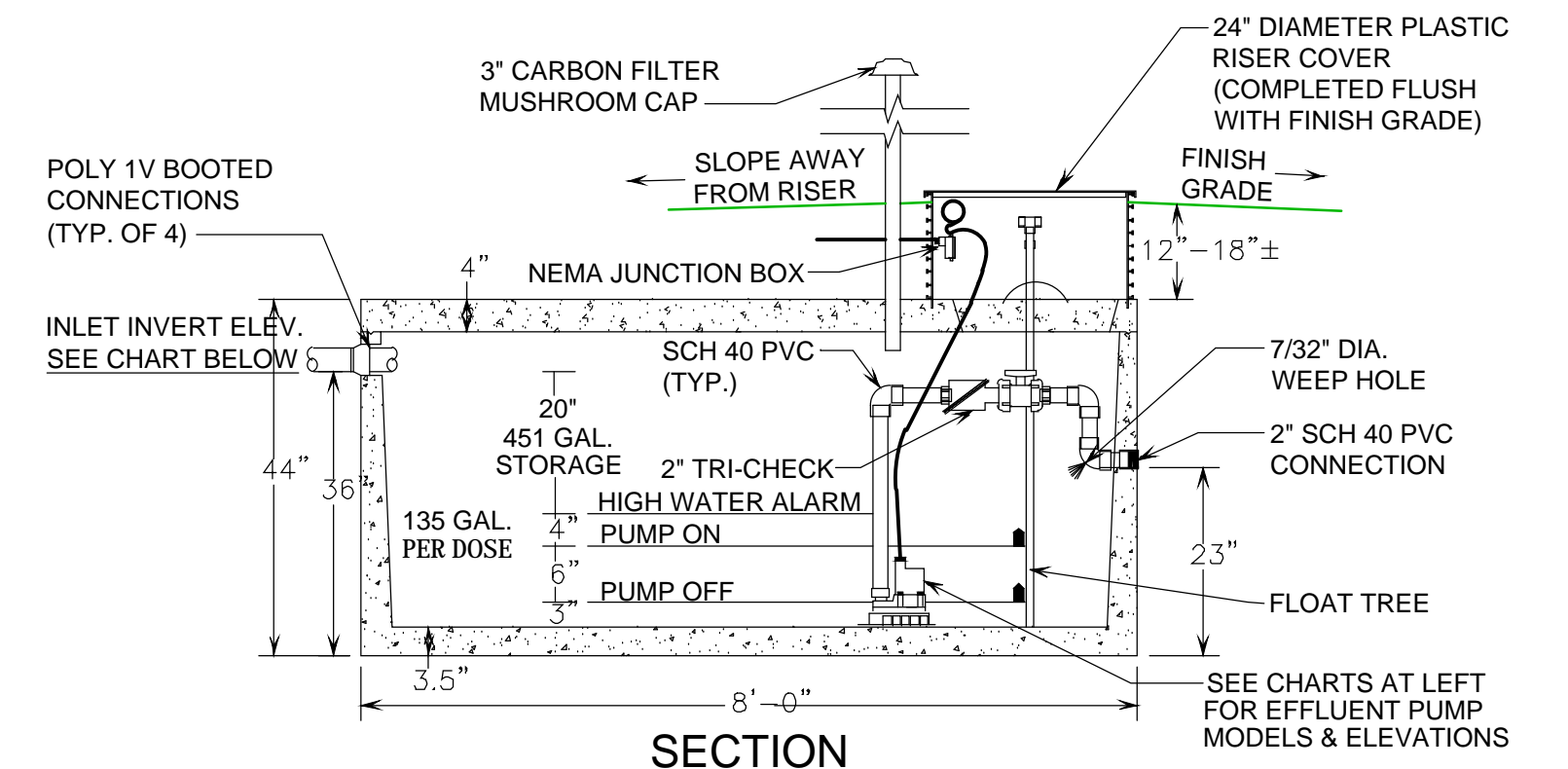


SEPTIC TANKS PIPE INVERT ELEVATIONS			
LOT NO.	INLET	OUTLET	
2	575.00'	574.75'	
3	572.25'	572.00'	

- 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

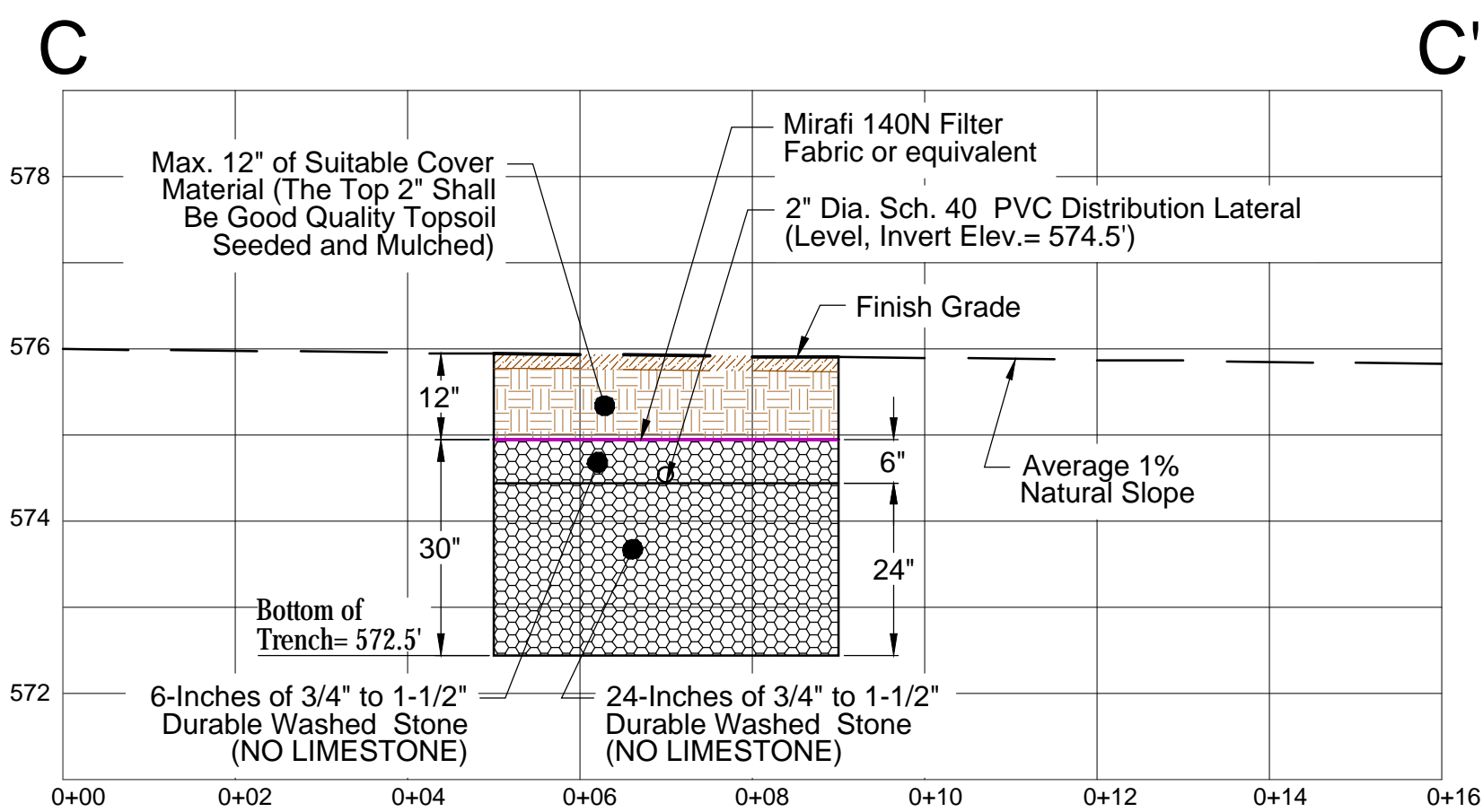
NOT TO SCALE

PUMP STATIONS PIPE INVERT ELEVATIONS			
LOT NO.	INLET	PUMP	
2	574.50'	571.75'	
3	571.75'	569.00'	

EFFLUENT PUMPS PERFORMANCE			
LOT NO.	PUMP	GPM	TDH
2	CPS3A-12	23	14
3	CPS3A-12	16	16

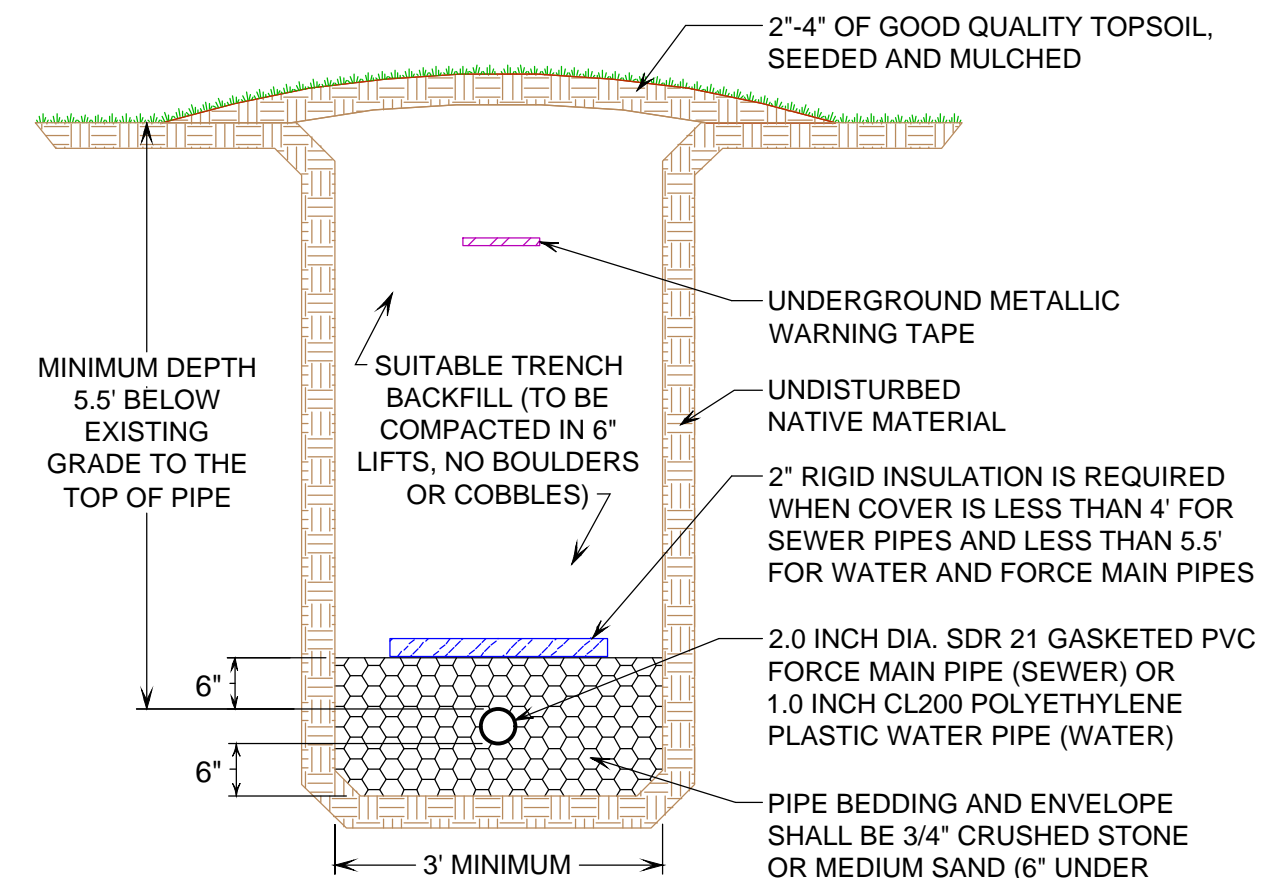
## WASTEWATER DISPOSAL SYSTEM CONSTRUCTION AND MAINTENANCE NOTES

1. THE PRESSURIZED IN-GROUND WASTEWATER 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 SEEDED 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.



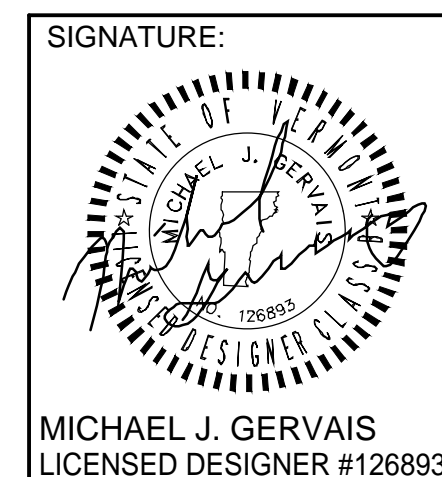
## LOT 3 PRESSURIZED IN-GROUND WASTEWATER DISPOSAL SYSTEM SECTION

SCALE: 1-INCH = 2- FEET



## GRASSED AREA PIPE IN TRENCH DETAIL

NOT TO SCALE



DATE	DESCRIPTION	BY
REVISIONS		
<b>BARNARD &amp; GERVAIS, LLC</b> Land Surveying Water & Wastewater Environmental Consulting 167 Main Street, P.O. Box 820 Enosburg Falls, VT 05450 Telephone: (802) 833-5168 10523 VT Route 116, P.O. Box 133 Hinesburg, VT 05461 Telephone: (802) 482-2597		
FIVE-LOT SUBDIVISION WATER SUPPLY AND WASTEWATER DISPOSAL SYSTEMS DESIGNS		PROJECT NO. 19017
SHANE SIZEN		DATE: 12-09-2019
146 KAYS WAY, FLETCHER, VERMONT		SCALE: AS NOTED
LOTS 2 & 3 WASTEWATER SYSTEMS DETAILS AND NOTES		SURVEY: JG, AP
THESE PLANS WITH LATEST REVISIONS SHOULD ONLY BE USED FOR THE PURPOSE SHOWN BELOW:		DRAWN: SB
<input type="checkbox"/> PRELIMINARY DRAFT <input checked="" type="checkbox"/> FINAL STATE REVIEW		CHECKED: MJG
		DRAWING NO. D-2
		SHEET 4 OF 4