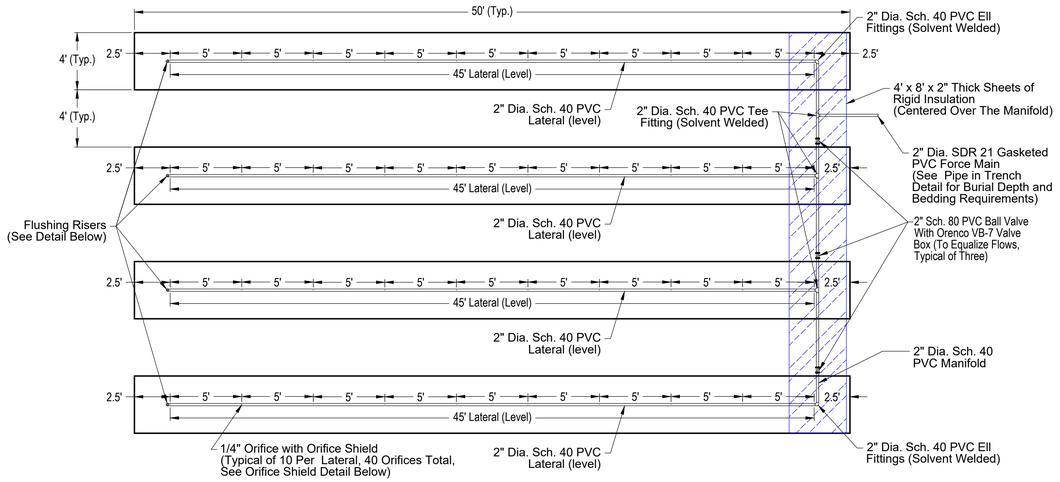
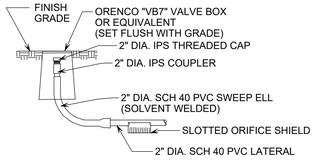


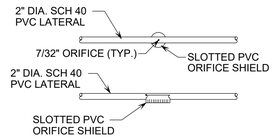
LOT 4 PRESSURIZED IN-GROUND WASTEWATER DISPOSAL SYSTEM PLAN VIEW DETAIL

SCALE: 1-INCH = 5-FEET



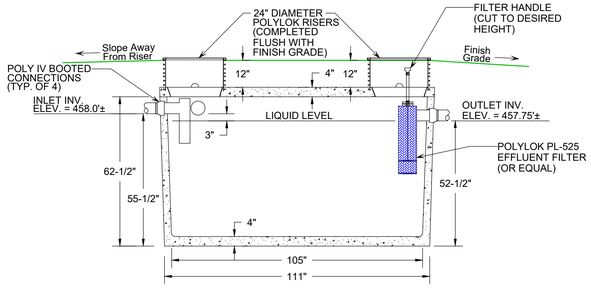
FLUSHING RISER DETAIL

NOT TO SCALE



ORIFICE SHIELD DETAIL

NOT TO SCALE



SECTION

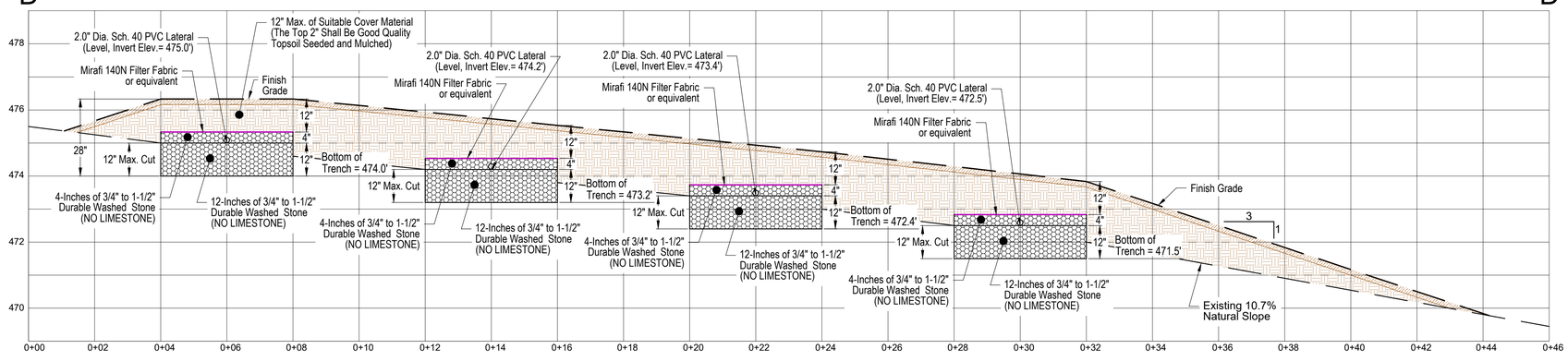
NOTES:
1. SEPTIC TANK SHALL BE SET LEVEL ON A MINIMUM OF SIX INCHES OF COMPACTED GRANULAR BASE.
2. AN INLET TEE BAFFLE IS REQUIRED.
3. IF WATER-PROOF BOOTED CONNECTIONS ARE NOT USED, ALL PIPE PENETRATIONS SHALL BE SEALED WITH A "WATER PLUG" NON-SHRINK HYDRAULIC CEMENT.
4. EFFLUENT FILTER ACCESS SHALL BE COMPLETED FLUSH WITH FINISH GRADE.

1,500 GALLON TOP-SEAM CONCRETE SEPTIC TANK

NOT TO SCALE

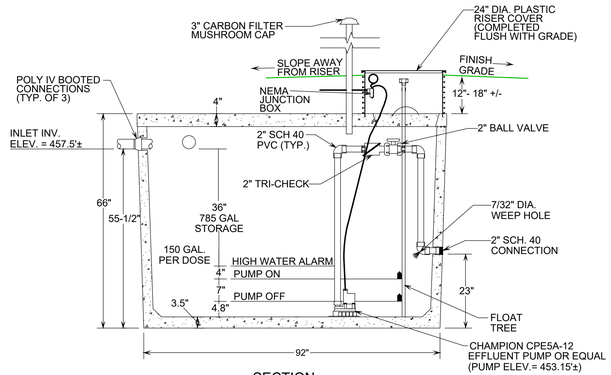
D

D'



LOT 4 PRESSURIZED IN-GROUND WASTEWATER DISPOSAL SYSTEM SECTION DETAIL

SCALE: 1-INCH = 2-FEET



SECTION

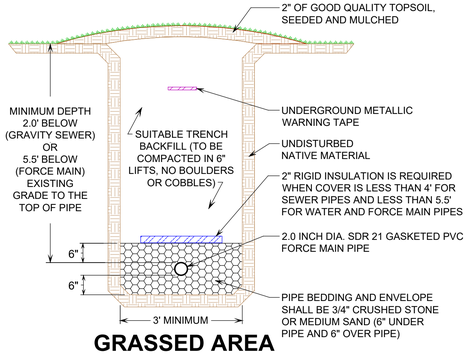
NOTES:
1. PUMP STATION SHALL BE SET LEVEL ON A MINIMUM OF 6-INCHES OF COMPACTED GRANULAR BASE.
2. PUMP STATION SECTIONS SHALL HAVE BUTYL RUBBER JOINT SEALER.
3. IF WATER-PROOF BOOTED PIPE CONNECTIONS ARE NOT USED, PIPE PENETRATIONS SHALL BE SEALED WITH "WATER PLUG" NON-SHRINK HYDRAULIC CEMENT.
4. ON/OFF FLOAT SWITCH TO BE SET WITH A 7 INCH SWING SETTING TO PROVIDE A 150 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 37 GPM VS. 33 TDH.

1,000 GALLON TOP-SEAM CONCRETE PUMP STATION

NOT TO SCALE

PRESSURIZED IN-GROUND 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.



GRASSED AREA PIPE IN TRENCH DETAIL

NOT TO SCALE

SIGNATURE:

STATE OF VERMONT — JASON S. BARNARD NO. 126179 — LICENSED DESIGNER

JASON S. BARNARD
LICENSED DESIGNER #126179

DATE	DESCRIPTION	BY
	REVISIONS	

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Water & Wastewater
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Enosburg Falls, VT 05450
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Hinesburg, VT 05461
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FOUR-LOT SUBDIVISION

DAVID CHARLES NAGEL REVOCABLE TRUST & HELEN FINNELL NAGEL REVOCABLE TRUST

GILMAN ROAD, HINESBURG, VERMONT

LOT 4 WASTEWATER SYSTEM DETAILS AND NOTES

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

☐ PRELIMINARY DRAFT ■ FINAL STATE REVIEW

PROJECT NO.	21389
DATE:	08-30-2022
SCALE:	AS NOTED
SURVEY:	OL,TG,AW
DRAWN:	SB
CHECKED:	JSB
DRAWING NO.	D-4