

ZONING TABLE
 ZONING DISTRICT: RURAL RESIDENTIAL DISTRICT
 FRONTYARD SETBACK: 65' FROM CL ROAD
 SIDEYARD SETBACK: 25'
 REARYARD SETBACK: 25'
 MAX. BLDG HEIGHT: 35'
 MAX. BLDG COVERAGE: 35%
 MAX. DENSITY: 1 UNIT/ACRE

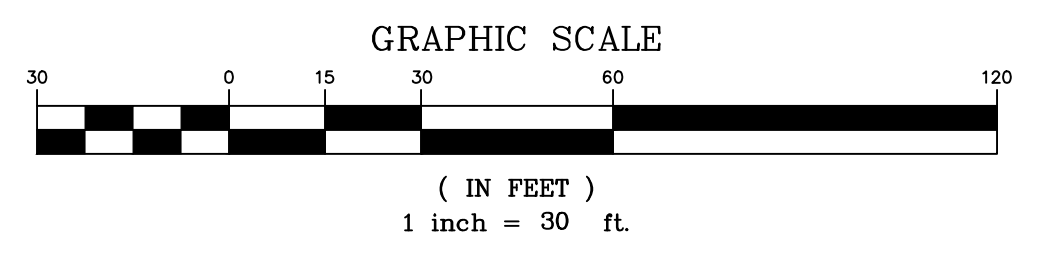
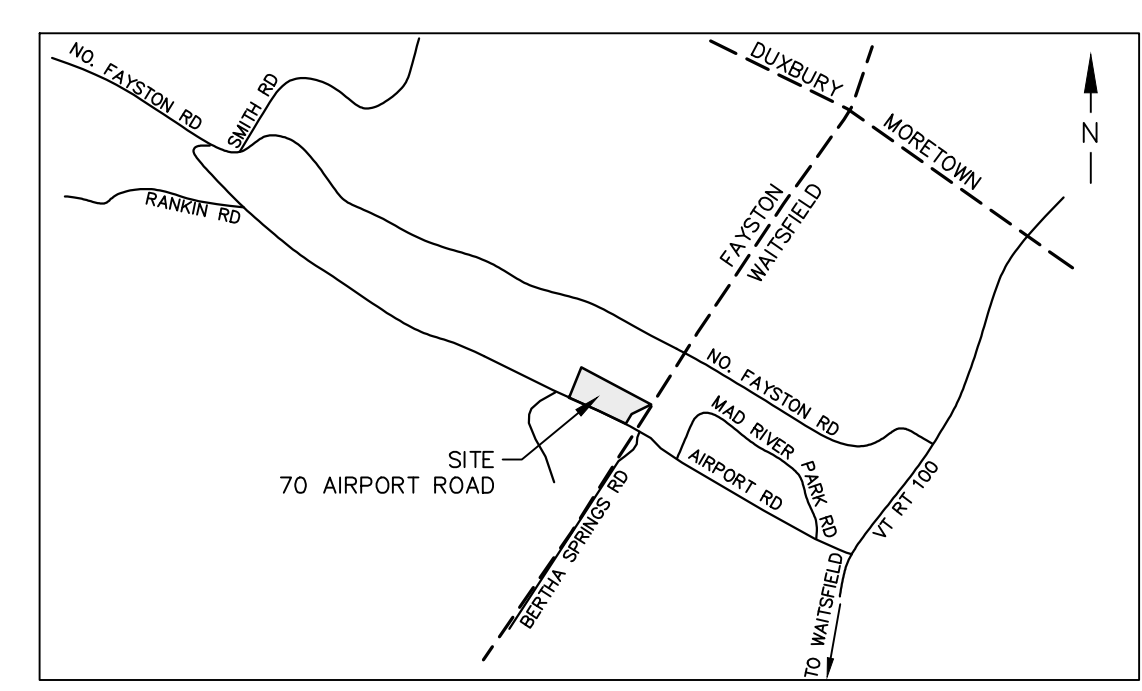
NOTE:
 PROPOSED ADU MDE = 9,982 SF ±
 PROPOSED RESIDENCE MDE = 14,066 SF ±

THIS IS NOT A BOUNDARY SURVEY
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 THE CONTOURS AND BENCHMARK ON THIS PLAN ARE BASED UPON GPS DERIVED ELEVATIONS OBSERVED ON SITE ON 08/24/21 AND ARE ON THE NAVD88 DATUM.

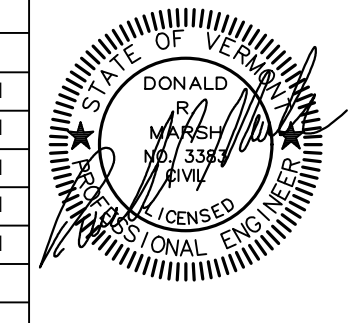
LEGEND

△	SURVEY CONTROL POINT
○	IRON PIN/ROD FOUND
●	SOIL TEST PIT
⊕	UTILITY POLE
— —	CLY WIRE
⊙	EX. SPRING
⊕	PRO. DRILLED WELL
---	PROPERTY LINE
---	RIGHT OF WAY/EASEMENT
---	SETBACK LINE
---	EDGE OF ROAD/DRIVE
---	STREAM/WET SWALE
---	DITCH/SWALE
---	EX. OVERHEAD POWER LINE
---	PRO. UG POWER/TEL SERVICE
---	MAX. DEVELOPMENT ENVELOPE
---	EX. STORM DRAIN
---	EX. CONTOURS
---	PRO. CONTOURS
S	PRO. SEWER LINE
W	PRO. WATER LINE
WZ	WELLHEAD PROTECTION ZONE
SS	SEPTIC ISOLATION SHIELD
---	EX. TREE LINE



NOTE: ORIGINAL PLAN 24" x 36". OTHER SIZES NOT TO SCALE

No.	Date	Revision	By
1	10.24.22	ADDED ADU & NOTES	TJM
2	2.17.23	ADDED LOC. MAP, MDE & UG UTILITIES	TJM
3	3.10.23	REVISED BUILDINGS, DRIVEWAYS & GRADING	TJM
4	3.28.23	REVISED PLAN, ADDED EX. TREELINE	TJM
5	3.30.23	REVISED ZONING TABLE, ABUTTER NAME	TJM
6	4.10.23	REVISED ADU NOTE	TJM



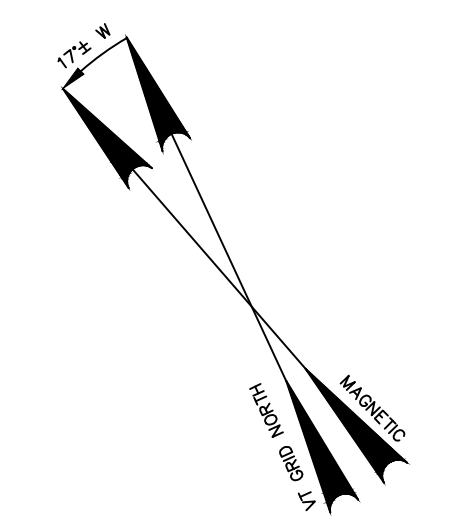
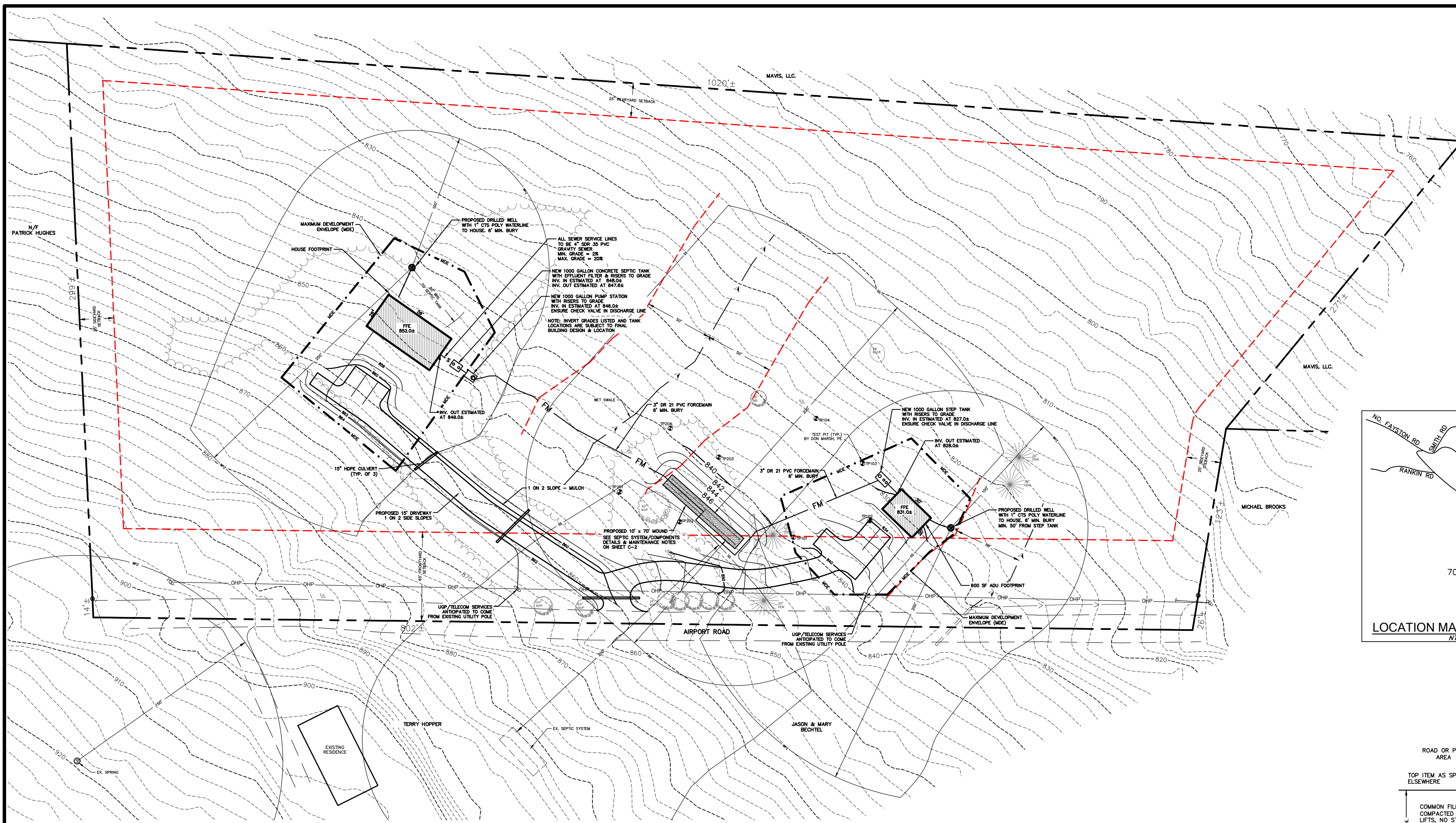
SEPTIC SYSTEM SITE PLAN
BEN SERVICE

70 AIRPORT ROAD **FAYSTON**

GRENIER ENGINEERING, P.C.
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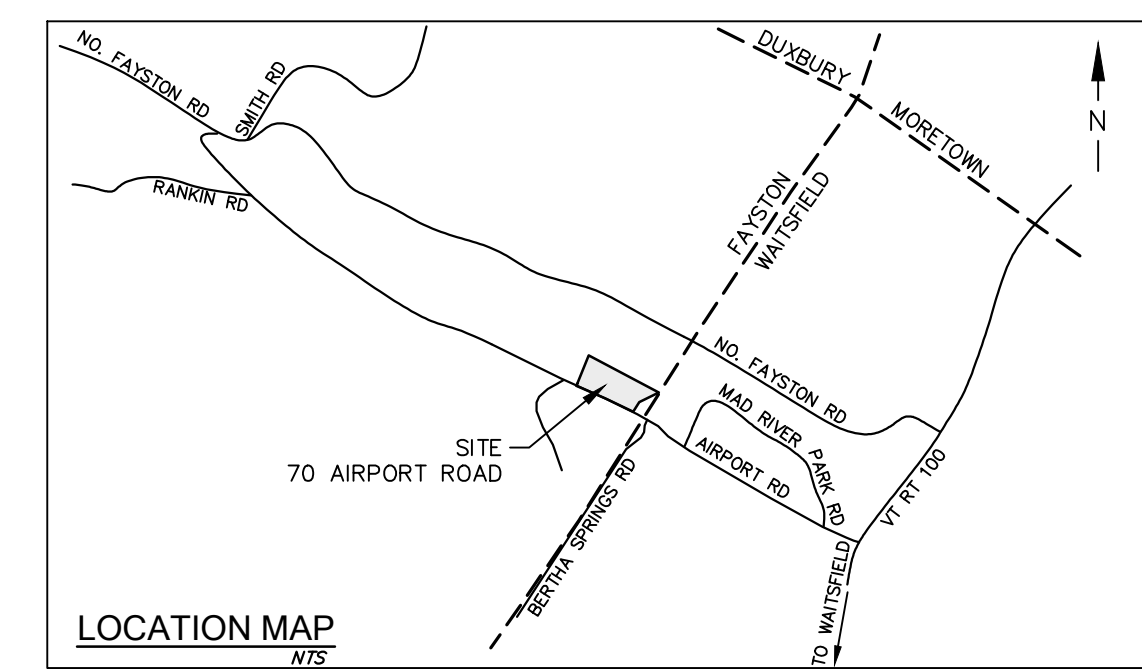
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- ### MOUND SYSTEM SPECIFICATIONS
- SEPTIC TANKS:** ALL TANKS SHALL BE OF WATER TIGHT CONSTRUCTION AND MADE OF REINFORCED CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS. ALL TANKS SHALL BE REINFORCED USING WIRE MESH OR REINFORCING STEEL AS NECESSARY TO ENSURE STRUCTURAL INTEGRITY. ALL SHIPLAP JOINTS SHALL BE SEALED WITH ASPHALT CEMENT OR EQUIVALENT. THE SEPTIC TANKS SHALL BE AS BUILT BY CAMP PRECAST OF MILTON, OR S.T. GRISWOLD OF WILUSTRON, OR APPROVED EQUAL. INCOMING AND EXITING PIPE HOLES SHALL BE SEALED.
 - LEACHFIELD:** DISTRIBUTION PIPING FOR LEACHFIELD SHALL BE 2" DIAMETER PERFORATED SCHEDULE 40 PVC PIPE LAID LEVEL. A LAYER OF FILTER FABRIC SHALL BE PLACED OVER THE CRUSHED STONE BEFORE PLACEMENT OF ANY FILL. THE TRENCHES OR BED SHALL BE DUG TO THE PROPER GRADE SHOWN ON THE PLANS USING A BACKHOE. THE BOTTOM AND SIDE WALLS SHALL BE RAKED TO ENSURE ELIMINATION OF ANY BUCKET SMEARS. USING THE BUCKET ON THE BACKHOE OR FRONT END LOADER, DUMP THE STONE IN THE TRENCHES OR BED TO AN ELEVATION APPROXIMATELY 4" ABOVE THE FLOWLINE OF THE DISTRIBUTION PIPES. AT THE LOCATION ON THE DISTRIBUTION PIPE, MAKE CHANNELS ABOUT 4" DEEP BY USING A SHOVEL. LAY THE DISTRIBUTION PIPE IN THE TRENCH TAKING CARE TO LEVEL IT WITH HOLES UPWARD. REMOVE DIPS AND RISES WHICH OCCUR IN THE PIPE. FINISH PLACING THE CRUSHED STONE 2" DEEP OVER THE DISTRIBUTION PIPES AFTER THE DISTRIBUTION SYSTEM HAS BEEN INSPECTED BY THE ENGINEER. PLACE 12" OF SOIL OVER THE TRENCHES OR BED FOLLOWED BY AT LEAST 3" OF TOPSOIL OVER THE ENTIRE FIELD AREA. SHAPE THE MOUND SO THAT THERE WILL BE NO STANDING SURFACE WATER.
 - FINAL GRADING:** ALL DISTURBED AREA AROUND THE LEACHFIELD SHALL BE FINE GRADED TO ENSURE CONTOURS. THIS AREA SHALL THEN BE SEED WITH A GRASS MIXTURE AND A LIGHT COVERING OF MULCH PLACED TO ENSURE GERMINATION OF SEEDS.
 - IT SHALL BE THE LOT OWNERS RESPONSIBILITY TO CONFORM TO THE REQUIREMENTS OF THE STATE PERMIT AND INSURE THAT THE PROJECT IS BUILT IN CONFORMANCE TO THE PLANS AND SPECIFICATIONS. A LICENSED SURVEYOR OR ENGINEER SHALL STAKEOUT THE SEPTIC SYSTEM AT THE LOCATION AND ELEVATION SHOWN ON THE PLAN VIEW PRIOR TO CONSTRUCTION. THE ENGINEER SHALL RECEIVE 24 HOURS NOTICE PRIOR TO CONSTRUCTION OF KEY ELEMENTS OF THIS SEPTIC SYSTEM. THE LOT OWNER SHALL BE RESPONSIBLE FOR ARRANGING INSPECTION SERVICES WITH THE ENGINEER, TO SUPPLY AS BUILT CERTIFICATION AS REQUIRED BY THE STATE PERMIT.
 - BASIS OF DESIGN SEPTIC SYSTEM:**
 - DESIGN FLOW = 700 GPD (3 BEDROOM SINGLE FAMILY RESIDENCE & 2 BEDROOM ADU).
 - SEWAGE APPLICATION RATE = 1.0 GAL/SF/DAY
 - LEACH AREA REQUIRED = 700 SF
 - LEACH AREA PROVIDED = 700 SF (10' x 70' MOUND)
 - SEPTIC TANK SIZE = 1000 GALLON CONCRETE FOR SINGLE FAMILY RESIDENCE
 - SEPTIC TANK SIZE = 1000 GALLON CONCRETE STEP TANK FOR ADU
 - WASTEWATER PUMPING STATION: 1000 GALLON REQUIRED

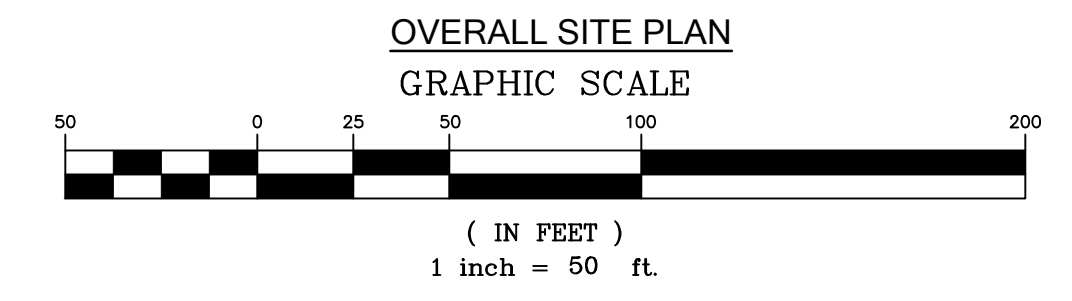
- ### SEPTIC FIELD/COMPONENT MAINTENANCE NOTES
- NO TREES OR SHRUBS LOCATED/PLANTED WITHIN 10 FEET OF THE SYSTEM PERIMETER TO PREVENT ROOTS FROM GROWING INTO AND DAMAGING SYSTEM.
 - DO NOT DRIVE, PAVE OR PARK OVER SEPTIC FIELD OR COMPONENTS. DOING SO CAN RESULT IN DAMAGE OR FAILURE.
 - REGULARLY VISUALLY INSPECT YOUR SEPTIC SYSTEM FOR WET AREAS.
 - PUMP YOUR SEPTIC TANK EVERY 3-5 YEARS UNDER NORMAL USAGE.
 - CLEAN EFFLUENT FILTER ANNUALLY.
 - SOIL BASED SYSTEMS ARE DESIGNED FOR DOMESTIC WASTE ONLY, NOT FOR HAZARDOUS WASTE, OILS & GREASE, OR FOOD PRODUCTION.

- ### PUMP STATION SPECIFICATIONS
- THE PUMP STATION WET WELL SHALL BE A 1000 GALLON CONCRETE SEPTIC TANK AS BUILT BY CAMP PRECAST, OR OTHERS. ALL JOINTS AND HOLES SHALL BE SEALED TO PREVENT ANY POSSIBLE GROUNDWATER INFILTRATION. THE CLEANOUT COVER SHALL BE 24" IN DIAMETER RATHER THAN THE STANDARD 18". THE SERVICE HATCH SHALL BE 36" DIAMETER WELL TILE, 2" HIGH WITH CONCRETE COVER. THE JOINT BETWEEN THE ROOF OF THE TANK AND THE TILE SHALL BE SEALED WITH MORTAR. INCOMING AND OUTGOING LINES SHALL ALSO BE MADE WATERPROOF.
 - MECHANICAL SPECIFICATIONS FOR PUMP STATION**
 - PUMPS: BASED UPON THE EXACT LOCATION OF THE SEPTIC SYSTEM AND AN APPROXIMATE LOCATION OF THE HOUSE/ADU SHOWN ON THE SITE PLAN A PUMP WAS SELECTED.
 - FOR THE SINGLE FAMILY RESIDENCE - THE PUMP DESIGN WAS BASED UPON A PUMPING RATE OF 71 GPM AGAINST A TOTAL DYNAMIC HEAD OF 33 FEET. THE PUMP SELECTED IS: HYDROMATIC SP-40, 1 HP, 220 V SUBMERSIBLE EFFLUENT PUMP.
 - FOR THE ADU - THE PUMP DESIGN WAS BASED UPON A PUMPING RATE OF 71 GPM AGAINST A TOTAL DYNAMIC HEAD OF 33 FEET. THE PUMP SELECTED IS: SHEF 100 SP-50, 1 HP, 220 V SUBMERSIBLE EFFLUENT PUMP.
 - LIQUID LEVEL CONTROLS: THREE MODEL 475, LIQUID LEVEL CONTROL SWITCHES WITH MOLYBDENUM CONTACTS OR EQUIVALENT SHALL BE USED. THE FOUR CHORDS (6" LONG) SHALL BE SPICED AT A WATERPROOF JUNCTION BOX. LOCATED INSIDE THE WELL TILE. OR THREE FLCA WATER ALARM CONTROLS WITH SWITCHES IN SOLID POLYURETHANE FLOAT BALL. THE LEVEL CONTROL AND WATER TIGHT CONNECTION BOX IS AWS-1. THE CONTROLS SHALL BE MOUNTED ON A REMOVABLE ANGLE IRON BRACKET AS DETAILD.
 - HIGH WATER ALARM AND CONTROL PANEL: MEYERS CA-SSA CONNECTION AND ALARM BOX. THE ALARM AND CONTROL PANEL SHALL BE LOCATED AT THE DISCRETION OF THE OWNER.
 - THE ENGINEER SHALL BE NOTIFIED WHEN THE PUMP STATION IS BEING INSTALLED FOR INSPECTION. THE CONTRACTOR SHALL BE PREPARED TO TEST RUN THE PUMP STATION BY PUMPING CLEAN WATER THROUGH THE MOUND DISTRIBUTION SYSTEM.
 - THE 3" FORCEMAIN SHALL BE PRESSURE TESTED AT 50 PSI FOR 2 HOURS WITH NO LOSS IN PRESSURE ACCORDING TO STATE REGULATIONS.
 - PUMP SHALL BE AS NOTED ON THE SITE PLAN. SUBSTITUTIONS MAY BE MADE IF CONTRACTOR PROVIDES THE PROJECT ENGINEER WITH MAKE, MODEL, CATALOG CUTS, AND PUMP CURVE FOR THE PUMP TO BE SUBSTITUTED. CONTRACTOR MUST OBTAIN APPROVAL FROM THE ENGINEER PRIOR TO ORDERING PUMP.
 - ALL WORK TO BE DONE IN ACCORDANCE WITH ALL ELECTRICAL AND SAFETY CODES REQUIRED BY STATE, LOCAL AND OTHER GOVERNMENT AGENCIES. WORK SHALL COMPLY WITH ALL REQUIREMENTS AND RECOMMENDATIONS OF PUMP AND ALL OTHER COMPONENT MANUFACTURERS.



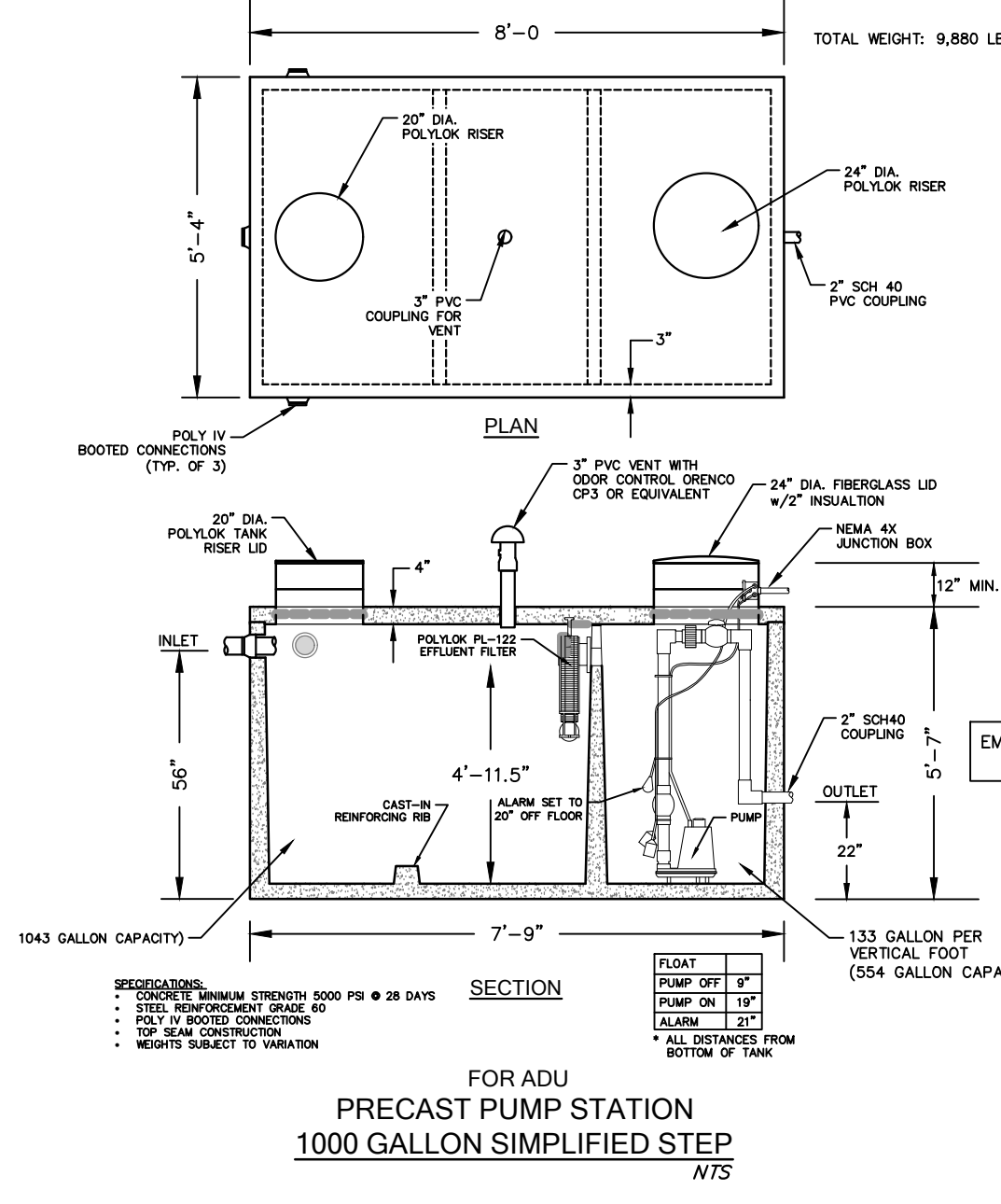
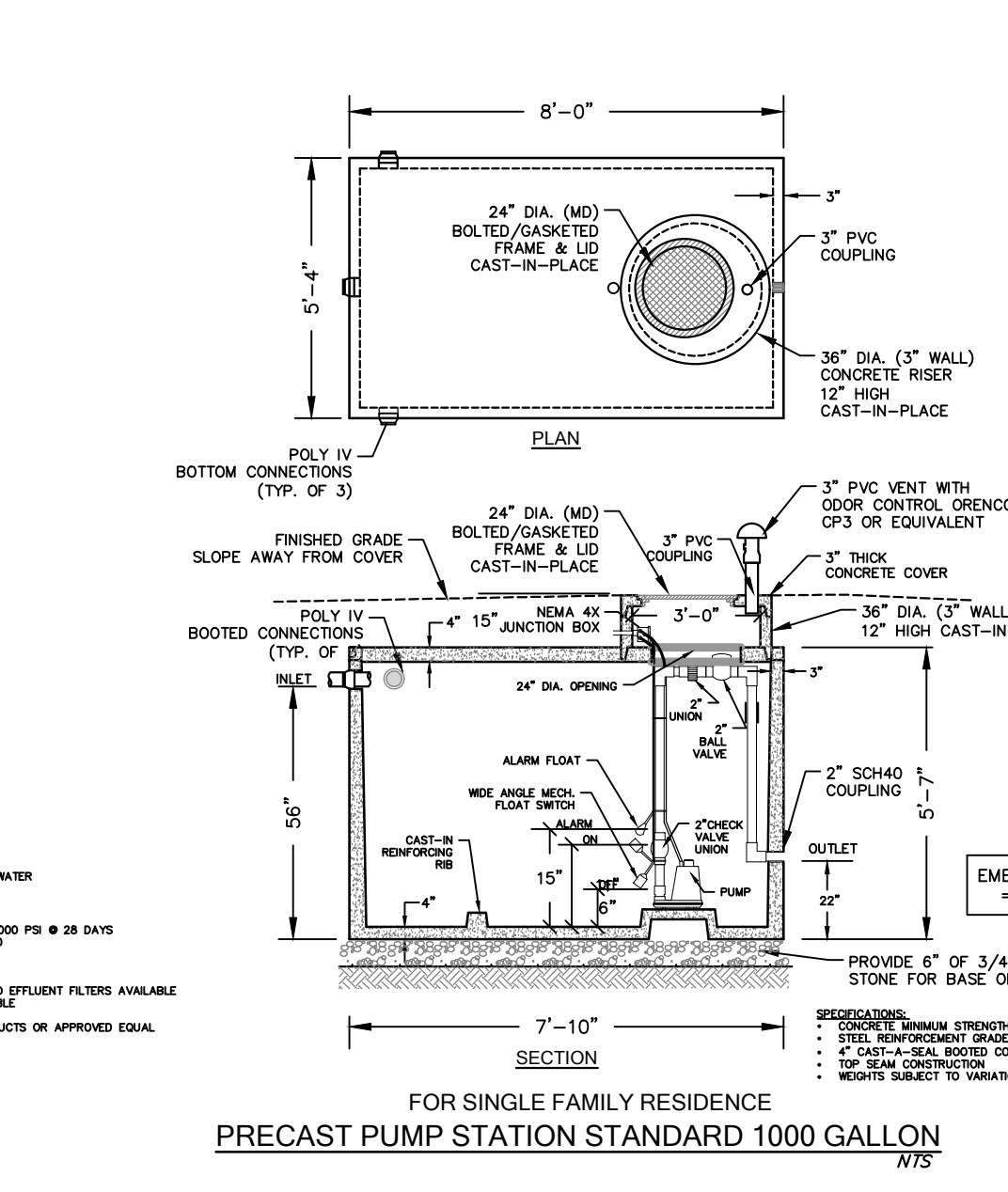
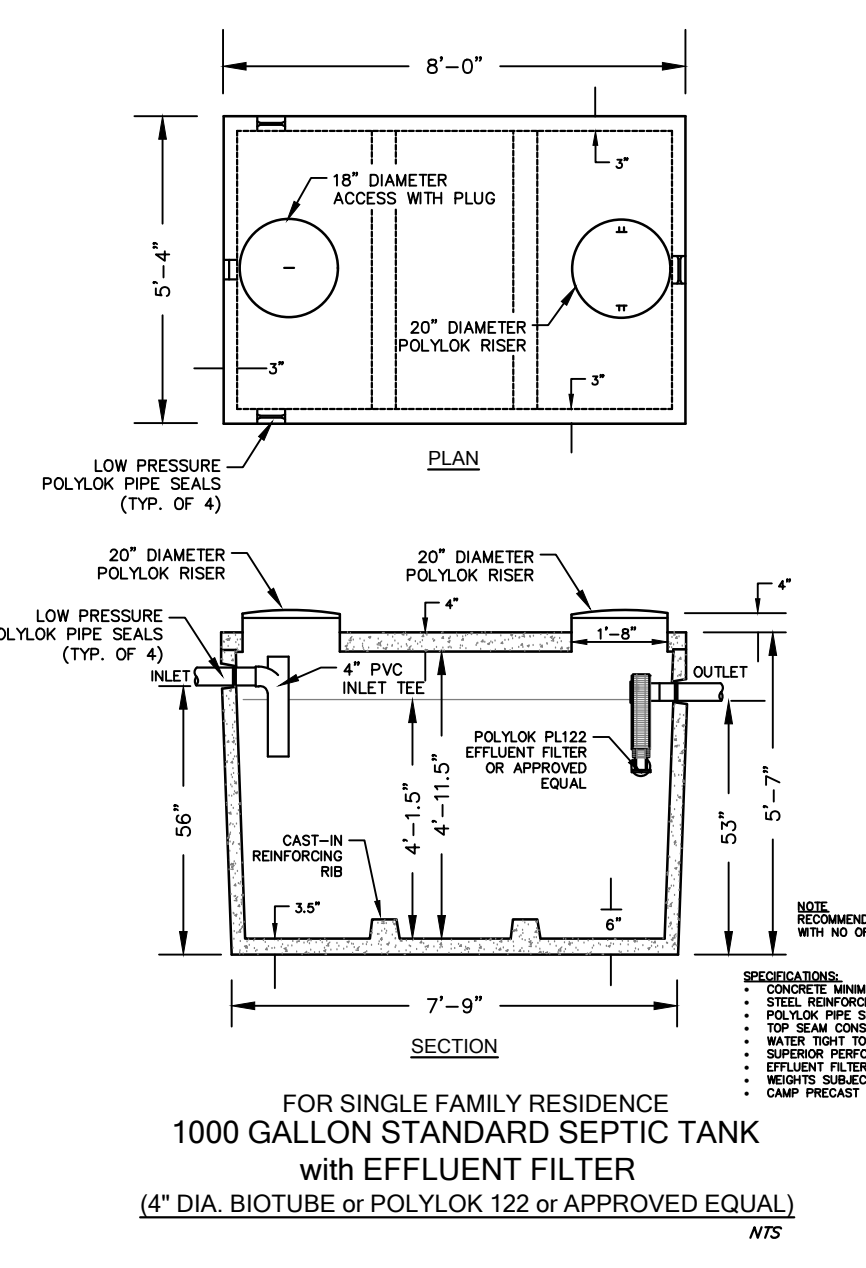
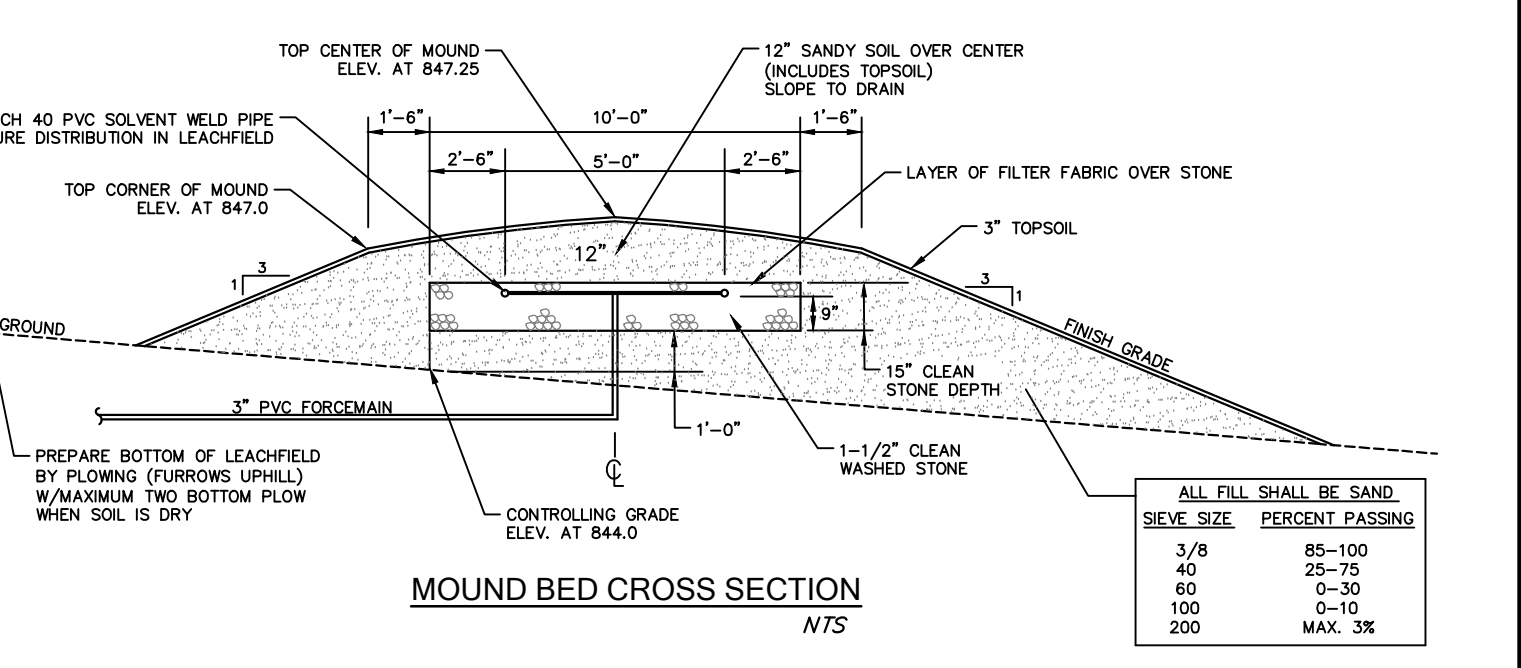
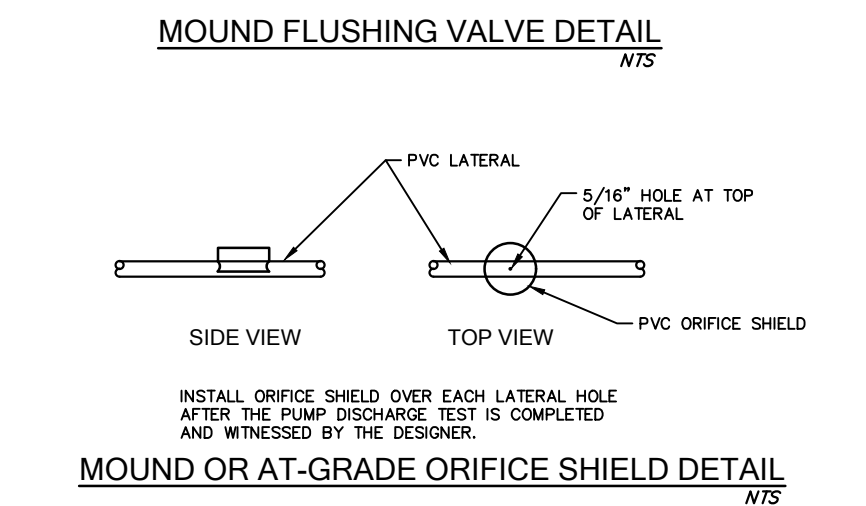
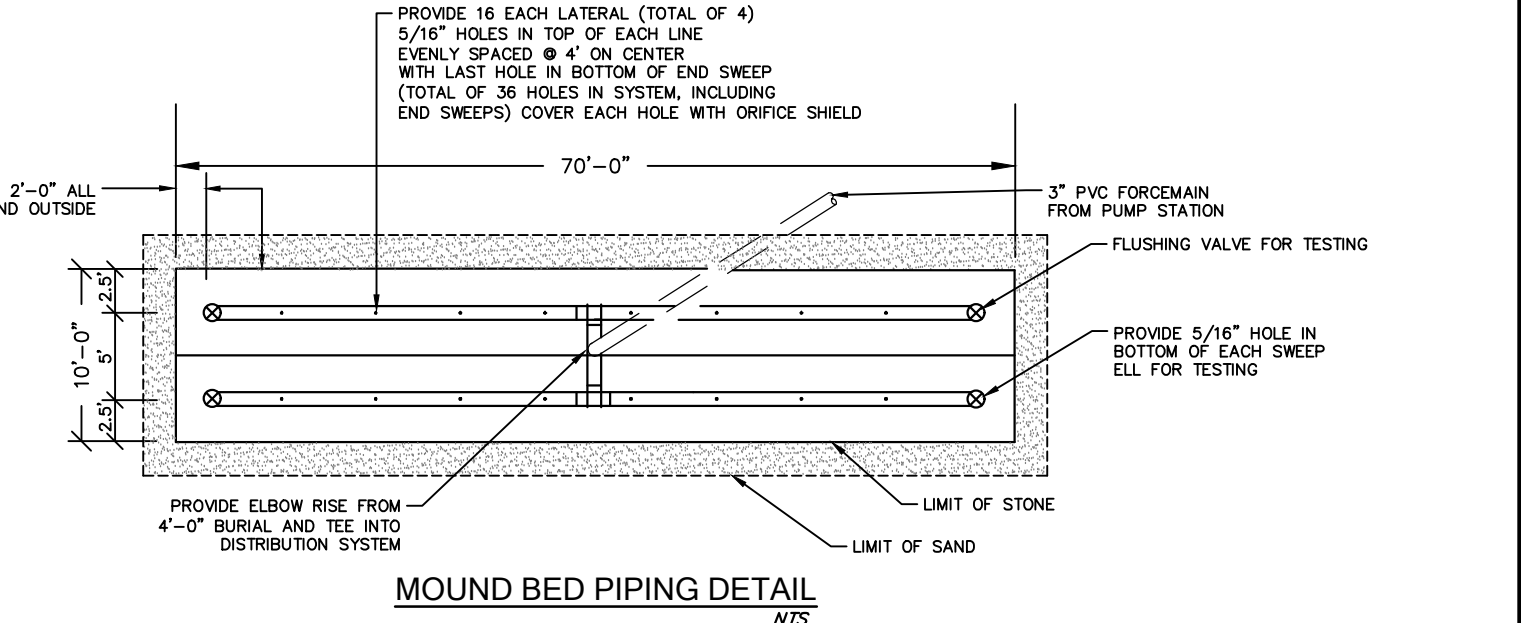
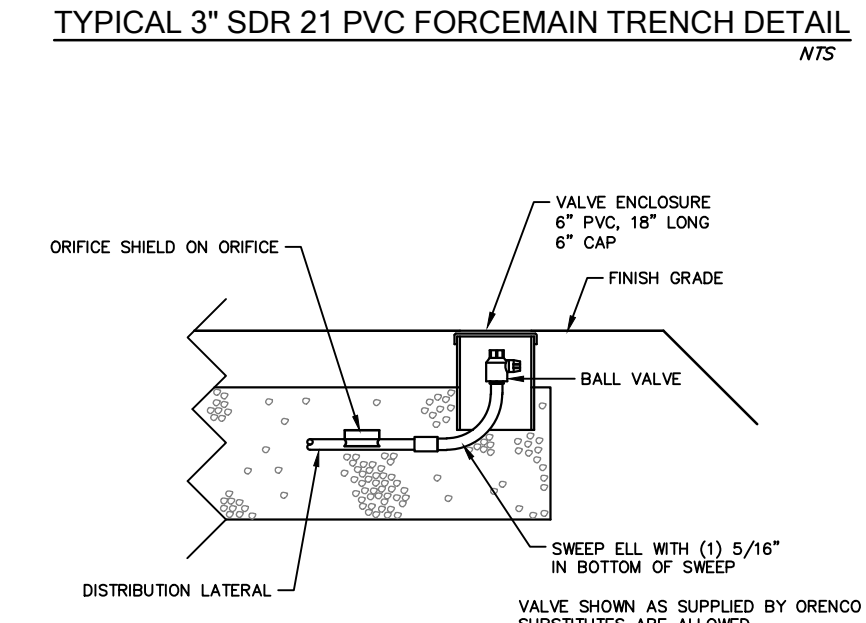
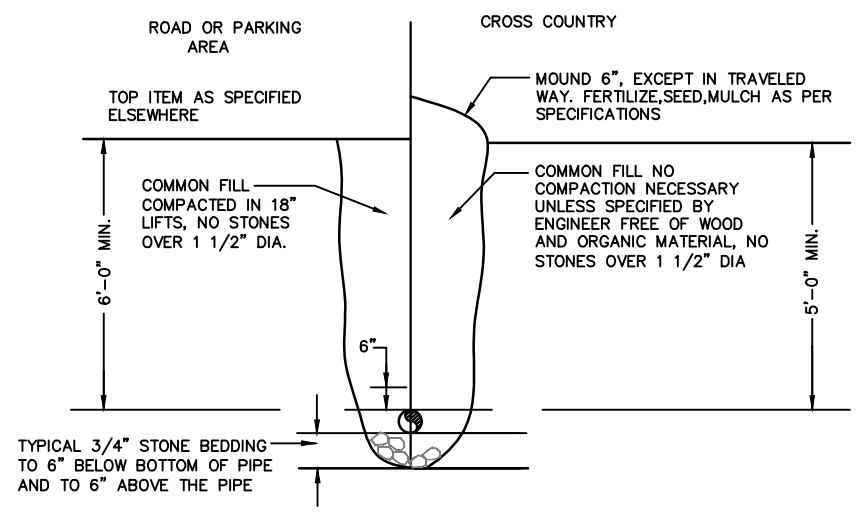
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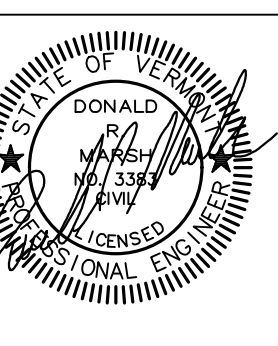
ISOLATION TABLE

ITEM	WELL	SEPTIC TANK	LEACHFIELD	MOUND SYSTEM
DRIVEWAY	10'	5'	10'	25' IF ITEM IS DOWNHILL
ROAD/PARKING LOT	25'	5'	10'	10' IF ITEM IS UPHILL OR 25' IF ITEM IS DOWNHILL
HOUSE FOOTING DRAIN	10'	10'	35' IF ITEM IS UPHILL OR 75' IF ITEM IS DOWNHILL	35' IF ITEM IS UPHILL OR 75' IF ITEM IS DOWNHILL
PROPERTY LINE	10'	10'	25'	10' ON ALL OTHERS
LEACHFIELD	100/200'	-	10'	10' SOLES, 20' UPHILL/DOWNHILL (REPLACEMENT MOUND)
SEPTIC TANK	50'	-	-	-
SERVICE WATER LINE	-	25'	25'	25'



NOTE: ORIGINAL PLAN 24" x 36". OTHER SIZES NOT TO SCALE

No.	Date	Revision	By
1	11.12.21	CHANGED DETAILS TO STANDARD MOUND SYSTEM	TJM
2	10.24.22	REVISED DETAILS TO INCLUDE ADU	TJM
3	2.13.23	REVISED SITE PLAN TO SHOW SETBACKS	TJM
4	2.17.23	ADDED LOC. MAP, MIDE & UG UTILITIES	TJM
5	3.10.23	REVISED BUILDINGS, DRIVEWAYS & GRADING	TJM
6	3.28.23	REVISED PLAN, ADDED EX. TREE LINE	TJM
7	3.30.23	REVISED BUTTER NAME	TJM
8	4.10.23	REVISED ADU NOTE	TJM



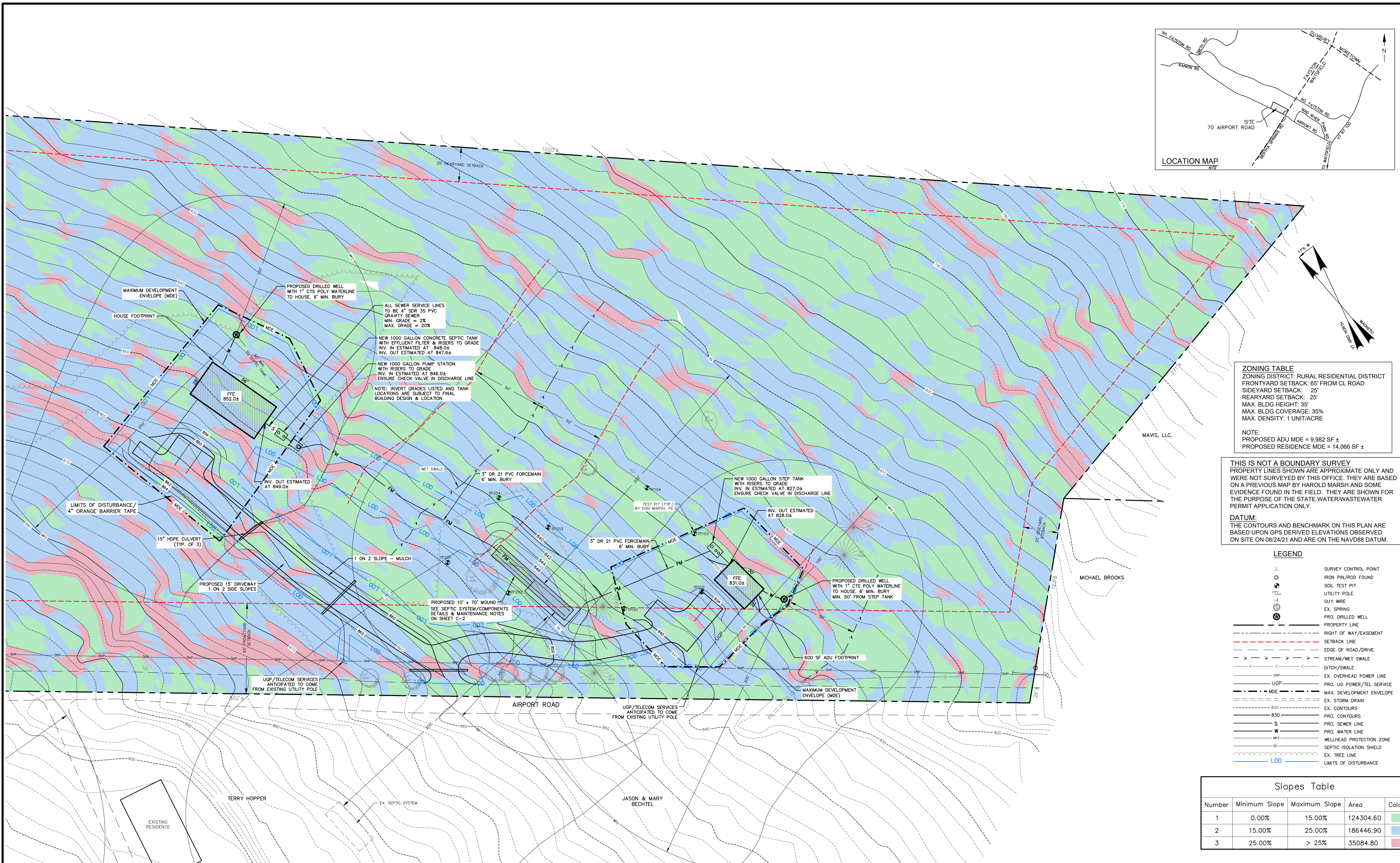
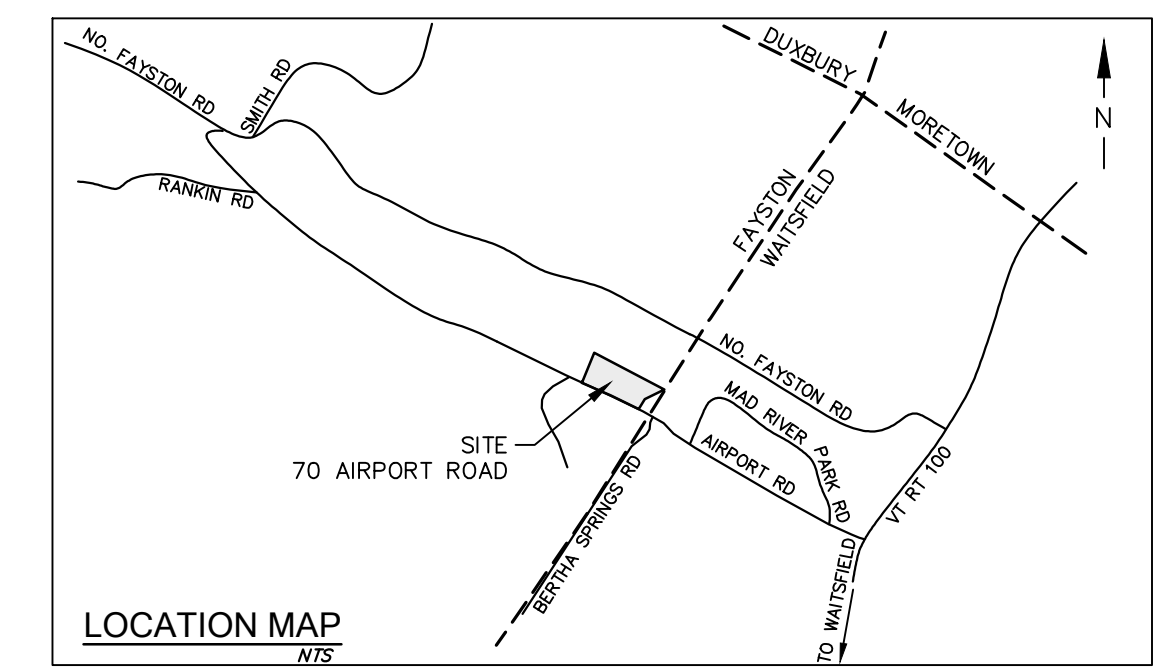
SEPTIC SYSTEM DETAILS

BEN SERVICE
70 AIRPORT ROAD
FAYSTON

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Date: 10.11.21
Scale: A/N
Designed: DRM
Drawn: TJM
Checked: DRM
Sheet No: C-2



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 FRONTYARD SETBACK: 65' FROM CL ROAD
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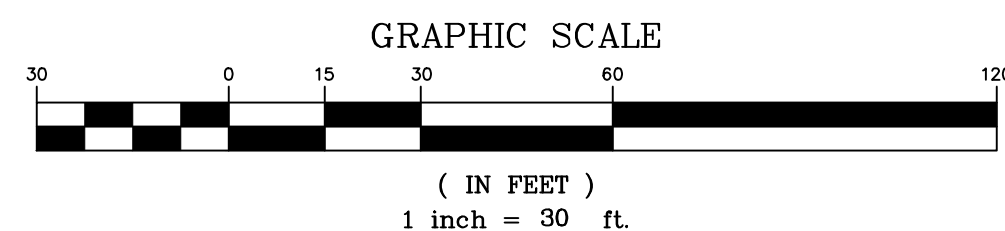
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LEGEND

- △ SURVEY CONTROL POINT
- IRON PIN/ROD FOUND
- ⊙ SOIL TEST PIT
- ⊕ UTILITY POLE
- GUY WIRE
- ⊕ EX. SPRING
- ⊕ PRO. DRILLED WELL
- PROPERTY LINE
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- DITCH/SWALE
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- UGP
- PRO. UG POWER/TEL SERVICE
- MAX. DEVELOPMENT ENVELOPE
- EX. STORM DRAIN
- EX. CONTOURS
- PRO. CONTOURS
- S PRO. SEWER LINE
- W PRO. WATER LINE
- WPF2 WELLHEAD PROTECTION ZONE
- SS SEPTIC ISOLATION SHIELD
- EX. TREE LINE
- LOD LIMITS OF DISTURBANCE

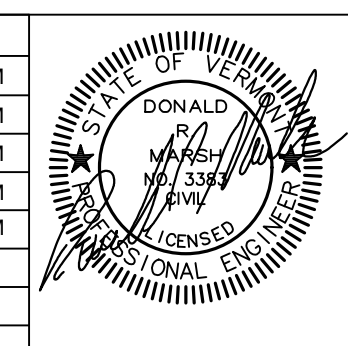
Slopes Table

Number	Minimum Slope	Maximum Slope	Area	Color
1	0.00%	15.00%	124304.60	Green
2	15.00%	25.00%	186446.90	Blue
3	25.00%	> 25%	35084.80	Red



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No.	Date	Revision	By
1	1.20.23	UPDATED LOD & SLOPES TO INCLUDE ADU AREA	TJM
2	2.13.23	ADDED SETBACKS & ZONING TABLE	TJM
3	2.17.23	ADDED LOC. MAP, MDE & UG UTILITIES, REVISED LOD & SLOPES	TJM
4	3.10.23	UPDATED LOD & SLOPES PER SITE PLAN REVISIONS	TJM
5	3.28.23	UPDATED LOD & SLOPES PER SITE PLAN REVISIONS	TJM
6	3.30.23	REVISED ZONING TABLE, ABUTTER NAME	TJM
7	4.05.23	OVERALL SLOPES	TJM
8	4.10.23	REVISED ADU NOTE	TJM

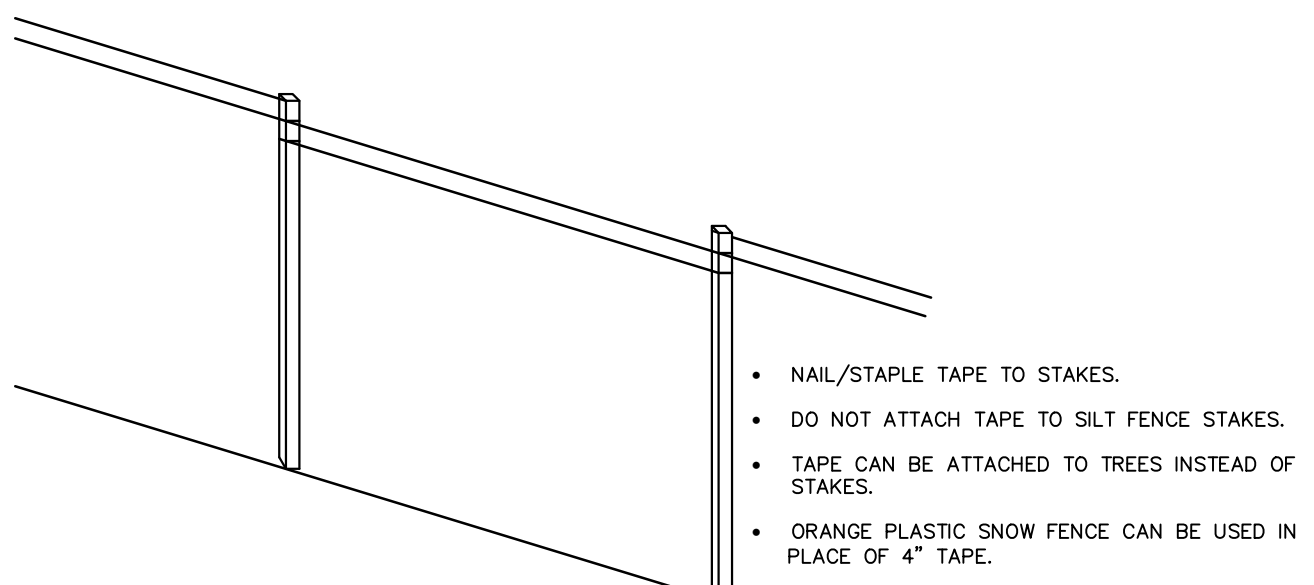


SLOPE ANALYSIS PLAN
BEN SERVICE
 70 AIRPORT ROAD
FAYSTON

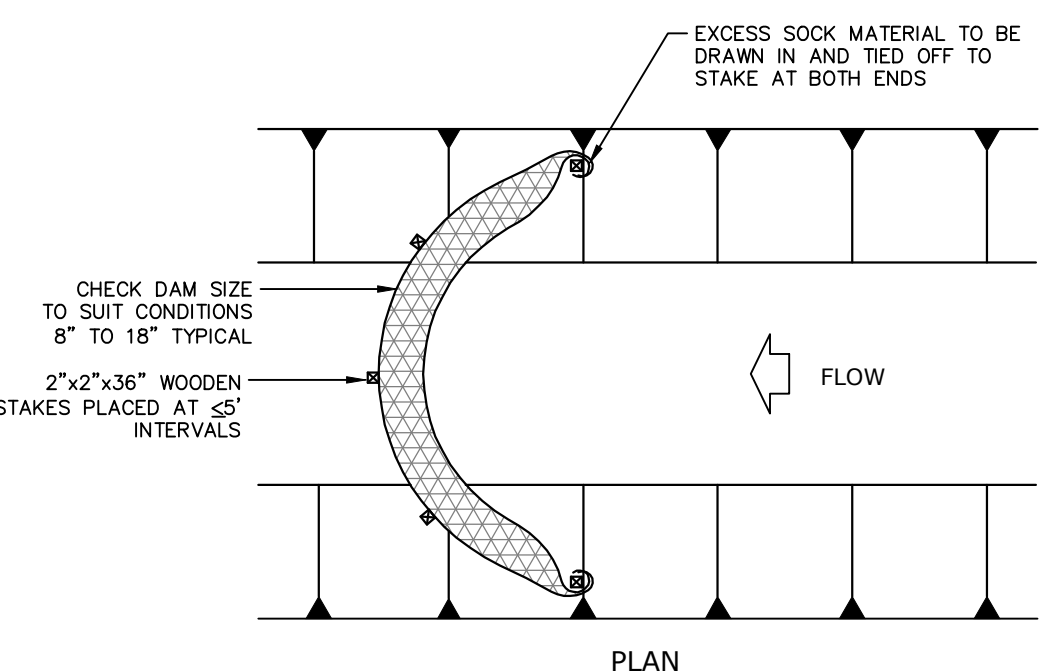
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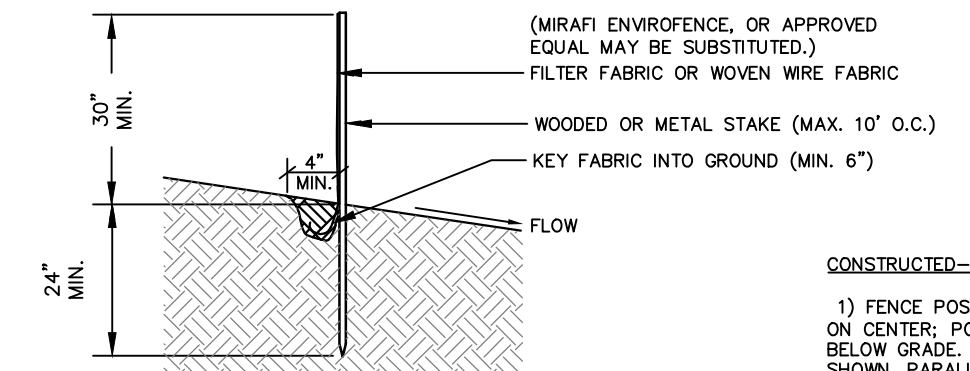
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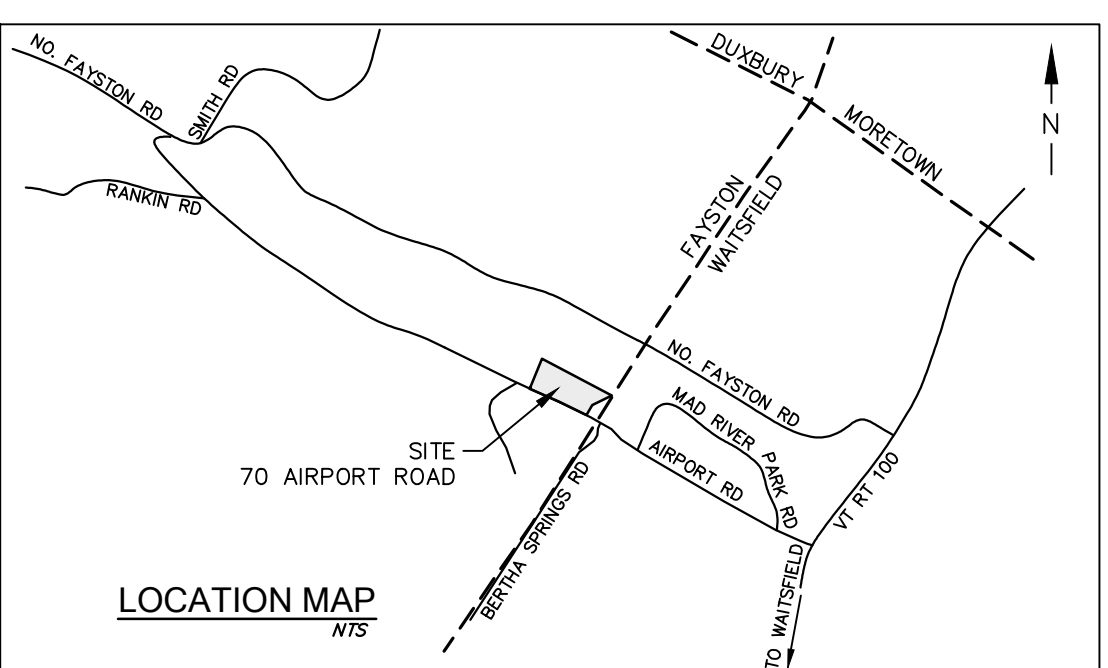
LIMITS OF DISTURBANCE
4" ORANGE BARRIER TAPE DETAIL
N7S



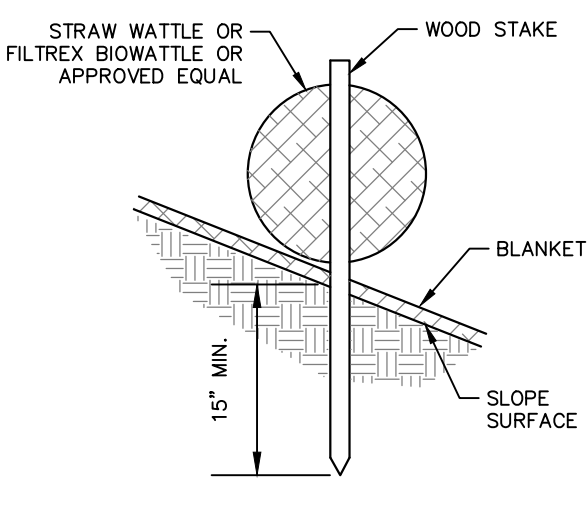
COMPOST SOCK DETAIL
N7S



SILT FENCE DETAIL
N7S



LOCATION MAP
N7S



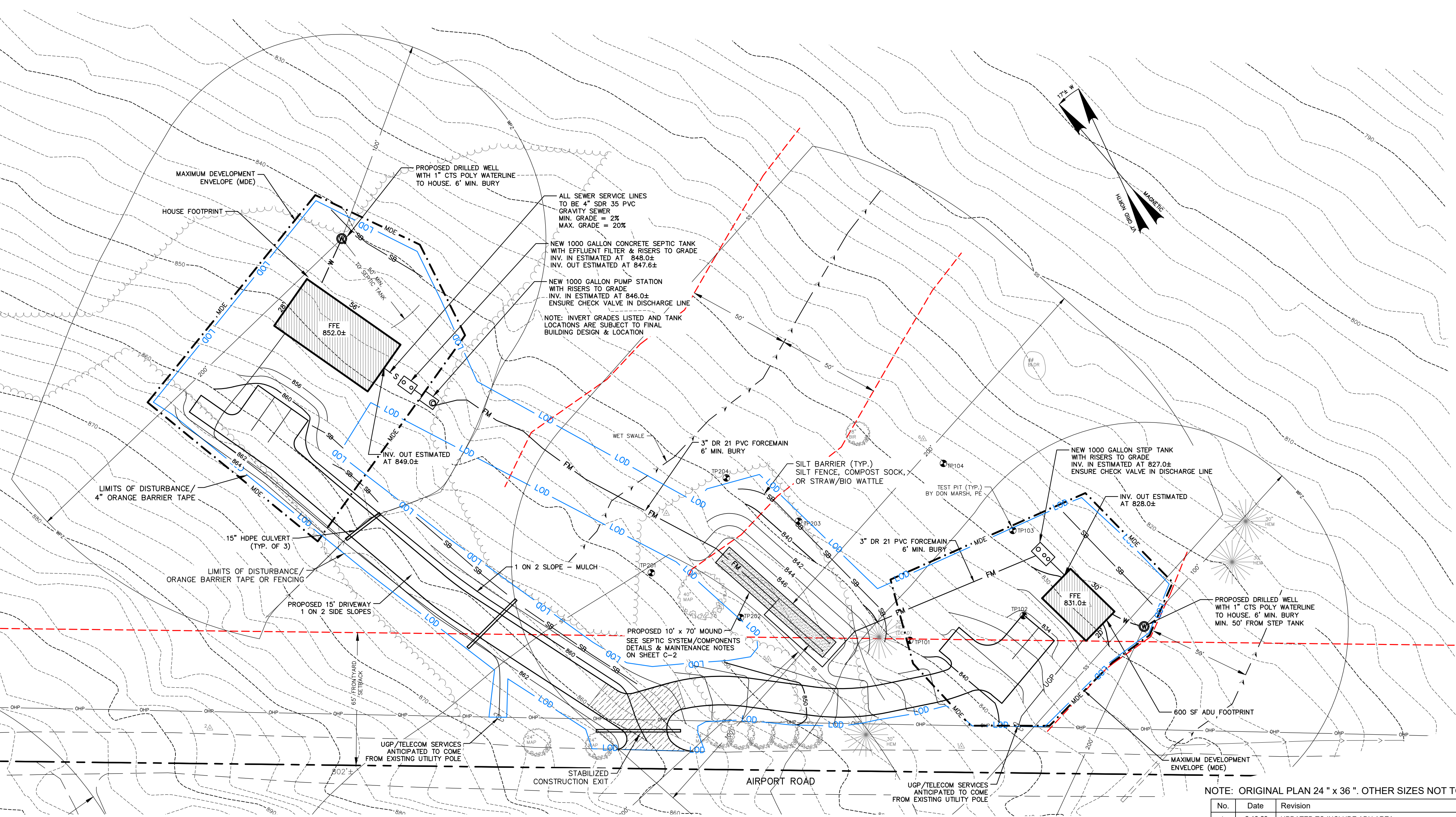
STRAW / BIO WATTLE DETAIL
N7S

NOTES:

1. ALL MATERIAL TO MEET FILLREXX® (OR EQUIVALENT MANUFACTURER) SPECIFICATIONS.
2. CHECK DAM SHOULD BE USED IN AREAS THAT DRAIN 10 ACRES OR LESS.
3. SEDIMENT SHOULD BE REMOVED FROM BEHIND THE CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED ONE-HALF THE HEIGHT OF THE CHECK DAM, STABILIZE AS SOON AS POSSIBLE.
4. CHECK DAM CAN BE DIRECT SEEDED AT THE TIME OF INSTALLATION.

CONSTRUCTION SPECIFICATIONS FOR SILT FENCE

- 1) SILT FENCE SHALL BE EITHER PRE-FABRICATED EROSION CONTROL FENCE (MIRAFI ENVROFENCE, OR EQUAL), OR CONSTRUCTED-IN-PLACE, AS SPECIFIED HEREIN.
- 2) MAXIMUM DRAINAGE AREA IS 1/4 ACRE FOR 100 FEET OF SILT FENCE.
- 3) TRENCH SHALL BE EXCAVATED MINIMUM 6 INCHES DEEP ON UPSLOPE SIDE OF FENCE LINE. EXCESS FLAP OF FILTER FABRIC (MINIMUM 6 INCHES) SHALL BE PLACED IN TRENCH. TRENCH SHALL BE BACKFILLED AND COMPACTED. CONSTRUCTION IN THIS MANNER PREVENTS SEDIMENT-LADEN RUNOFF FROM FLOWING UNDER SILT FENCE.
- 4) TRENCH SHALL BE EXCAVATED MINIMUM 6 INCHES DEEP ON UPSLOPE SIDE OF FENCE LINE. EXCESS FLAP OF FILTER FABRIC (MINIMUM 6 INCHES) SHALL BE PLACED IN TRENCH. TRENCH SHALL BE BACKFILLED AND COMPACTED. CONSTRUCTION IN THIS MANNER PREVENTS SEDIMENT-LADEN RUNOFF FROM FLOWING UNDER SILT FENCE.
- 5) WHEN TWO SECTIONS OF FABRIC ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6 INCHES, FOLDED AND STAPLED.
- 6) SILT FENCE SHALL BE INSPECTED WEEKLY, AND AFTER EACH SIGNIFICANT PRECIPITATION EVENT. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SEDIMENT SHALL BE REMOVED WHEN IT IS HALF-WAY UP THE FENCE.
- 7) BROKEN STAKES SHALL BE REPLACED PROMPTLY.



EROSION CONTROL NOTES

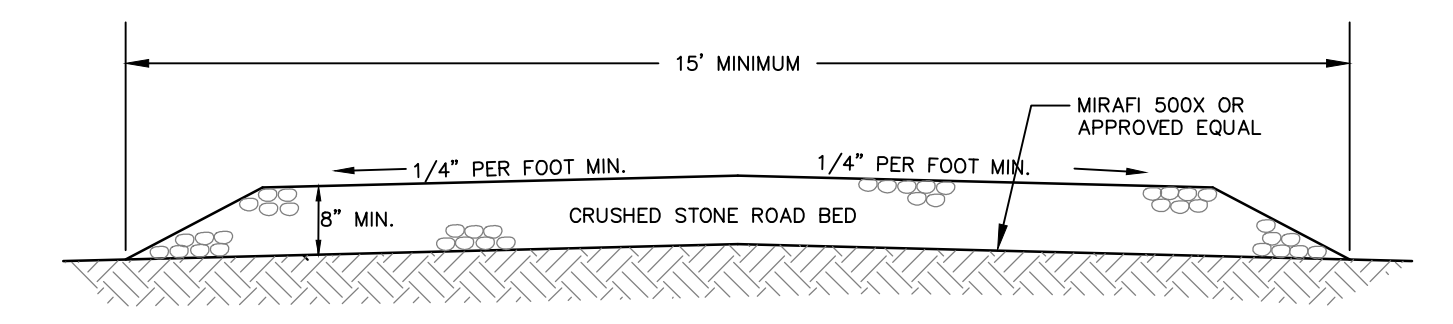
1. PROPERTY LINES SHOWN ON THESE PLANS ARE BASED UPON SURVEYS PROVIDED BY OUR OFFICE. THE PROJECT VERTICAL DATUM IS USGS. TOPOGRAPHY AND EXISTING CONTOURS OF THE AREA SHOWN ON THE SITE PLANS WERE DEVELOPED BY FIELD SURVEYS BY OUR OFFICE.
2. LIMIT OF DISTURBANCE TO BE DELINEATED IN THE FIELD WITH 4" ORANGE WARNING TAPE PRIOR TO CONSTRUCTION.
3. ADD SILT FENCE AS REQUIRED TO MAINTAIN COMPLIANCE AS THE SITE IS DEVELOPED. SILT FENCE SHALL BE PLACED AS SHOWN ON THE PLANS TO RETAIN SEDIMENT. THE SILT FENCE CAN BE REMOVED WHEN THE EXCAVATION IS COMPLETE, THE SLOPES CORRECTED AND GOOD GRASS COVER STARTED.
4. ALL EROSION AND SEDIMENT CONTROL FEATURES SHOWN ON THIS SHEET SHALL BE INSTALLED ACCORDING TO PLANS/DETAILS PRIOR TO ANY EARTH DISTURBANCE. IT IS ANTICIPATED THAT ADDITIONAL EROSION CONTROL MEASURES WILL BE REQUIRED IN THE FIELD. THE ENGINEER SHALL AUTHORIZE ADDITIONAL NETTING, MULCH, STONE, CULVERTS, ETC., AS THE BECOME NECESSARY.
5. USE EROSION CONTROL NETTING/BLANKET, ON ALL STEEP SLOPES (GREATER THAN 1 VERTICAL ON 3 HORIZONTAL) SHOWN ON THE PLAN. BLANKETS OR NETTING SHALL BE STAPLED INTO THE GROUND. ONLY WOVEN OR INTERLINKED PRODUCTS ARE APPROVED FOR USE IN RECP. APPLICATIONS.
6. THE "VERMONT LOW RISK HANDBOOK FOR EPSC" SHALL BE FOLLOWED DURING ALL SITE CONSTRUCTION.
7. A PRECONSTRUCTION MEETING WILL BE HELD WITH THE OWNER, ENGINEER AND CONTRACTOR TO REVIEW EROSION CONTROL REQUIREMENTS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
8. TOTAL DISTURBED AREAS NOT TO EXCEED 2 ACRES AT ANY TIME. ALLS AREAS OF DISTURBANCE MUST HAVE TEMPORARY OR FINAL STABILIZATION WITHIN 7 DAYS OF INITIAL DISTURBANCE. AFTER THIS TIME ANY DISTURBANCE IN THE AREA MUST BE STABILIZED AT THE END OF EACH WORK DAY. THE FOLLOWING EXCEPTIONS APPLY:
 - i) STABILIZATION IS NOT REQUIRED IF WORK IS TO CONTINUE IN THE AREA WITHIN THE NEXT 24 HOURS AND THERE IS NO PRECIPITATION FORECAST FOR THE NEXT 24 HOURS.
 - ii) STABILIZATION IS NOT REQUIRED IF THE WORK IS OCCURRING IN A SELF-CONTAINED EXCAVATION (I.E. NO OUTLET) WITH A DEPTH OF 2 FEET OR GREATER (E.G. HOUSE FOUNDATION EXCAVATION, UTILITY TRENCHES).
9. NO MORE THAN 100' OF TRENCH SHALL BE OPEN AT ONE TIME. THE TRENCH SHALL BE BACK FILLED DAILY. EXTRA MATERIAL SHALL BE PLACED ON THE EXCAVATED AREA TO OVERFILL THE TRENCH AND ALLOW FOR SETTLING. THE FILL MATERIAL SHALL BE GRADED TO FORM A CROWN OR AS NEEDED IN ORDER TO FACILITATE PROPER DRAINAGE. THE KEY IS TO PREVENT WATER FROM FOLLOWING AND CONCENTRATING ALONG THE EXCAVATED AREA OF THE TRENCH LINE. BUILT UP WATER BARS MAY ALSO BE USED TO PROMOTE SHEDDING OF WATER AWAY FROM THE EXCAVATED AREA. THE COMPLETED AREAS OF EXCAVATION SHALL BE SEEDED AND MULCHED DAILY.
10. MAINTENANCE AND INSPECTIONS: INSPECTIONS TO BE PERFORMED A MINIMUM OF ONCE PER WEEK BY THE ONSITE COORDINATOR AND PRIOR TO AND IMMEDIATELY FOLLOWING STORM EVENTS. MAINTENANCE TO BE PERFORMED AS NEEDED BASED ON INSPECTIONS. IN ADVANCE OF A PREDICTED RAINFALL OR SNOW MELT EVENT, ALL MANAGEMENT PRACTICES APPROPRIATE TO CURRENT AREAS OF DISTURBANCE MUST BE CHECKED AND REPAIRED AS NECESSARY TO ENSURE PROPER OPERATING CONDITION TO PREVENT SEDIMENT DISCHARGE FROM THE CONSTRUCTION SITE TO WATERS OF THE STATE. THIS MAY INCLUDE THE TEMPORARY STABILIZATION OF ALL DISTURBED SOILS OF THE SITE IN ADVANCE OF ANTICIPATED RUNOFF PERIOD.
11. ALL SEDIMENT REMOVED FROM SEDIMENT CONTROL PRACTICES AS A PART OF MAINTENANCE SHALL BE DISPOSED OF IN AN AREA THAT IS:
 - a. LESS THAN 5% IN SLOPE.
 - b. AT LEAST 100 FT FROM ANY DOWNSLOPE WATER BODY OR CONVEYANCE TO A WATER BODY (INCLUDING STORM DRAIN INLET DITCH).
 - c. PERMANENT STABILIZATION OF SEDIMENT SHALL BE IMMEDIATELY IMPLEMENTED FOLLOWING DISPOSAL.
12. SILT FENCE TRAPS SHALL BE PLACED AT THE INLET END OF ALL CULVERTS TO RETAIN SEDIMENT.
13. AT APPROXIMATE LOCATIONS ALONG STEEPER SECTIONS OF THE ROADWAY, TURF REINFORCEMENT MAT IN DITCHES HAS SPECIFIED. MAT LINED DITCHES ARE TO BE CONSTRUCTED AT THE SHADED AREAS SHOWN ON THE SITE PLANS. MAT LINED DITCHES MAY BE REQUIRED AT OTHER LOCATIONS AS DIRECTED BY THE ENGINEER.
14. CHECK DAMS ARE REQUIRED IN DITCHES ON THE "CUT SIDE" OF THE ROADWAY AT THE SPACING SPECIFIED IN THE DETAIL ON THIS SHEET.
15. ALL SEED SHALL BE APPLIED PRIOR TO SEPTEMBER 15TH, TO FACILITATE GERMINATION.

TEMPORARY & PERMANENT PLANTINGS, SOIL AMENDMENTS

- ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED IN THE FOLLOWING PROPORTIONS:
- A. SEED @ 20 LB/ACRE (CONSERVATION MIX)
 - B. FERTILIZER (300 LB/ACRE OF 10-20-20)
 - C. LIME @ 2 TONS/ACRE
 - D. MULCH @ 2 TONS/ACRE
 - E. TOPSOIL (4" MINIMUM USING ON SITE STOCKPILES SAVED DURING CONSTRUCTION)
 - F. EROSION NETTING (AS NEEDED.)

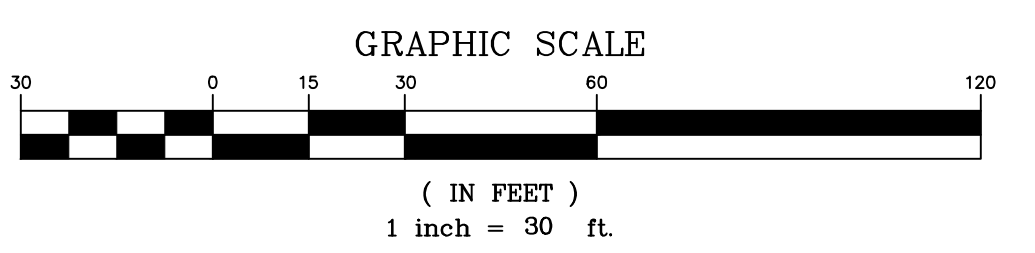
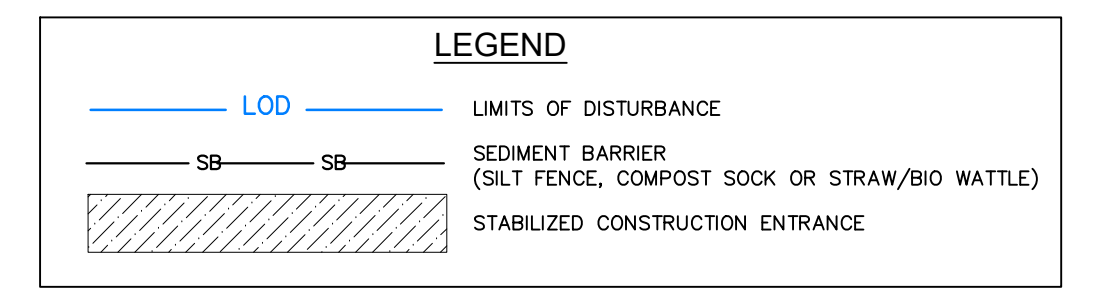
WINTER CONSTRUCTION STABILIZATION NOTES:

- (FOR ALL WORK BETWEEN OCTOBER 15 AND MAY 1)
- PRIOR TO THE START OF WINTER CONSTRUCTION, THE OWNER SHALL FILE A "NOTICE OF WINTER CONSTRUCTION" FORM WITH THE VERMONT STORMWATER PROGRAM.
1. ALL AREAS OF DISTURBANCE MUST HAVE TEMPORARY STABILIZATION AT THE END OF EACH WORK DAY. THE FOLLOWING EXCEPTIONS APPLY:
 - i) STABILIZATION IS NOT REQUIRED IF WORK IS TO CONTINUE IN THE AREA WITHIN THE NEXT 24 HOURS AND THERE IS NO PRECIPITATION FORECAST FOR THE NEXT 24 HOURS.
 - ii) STABILIZATION IS NOT REQUIRED IF THE WORK IS OCCURRING IN A SELF-CONTAINED EXCAVATION (I.E. NO OUTLET) WITH A DEPTH OF 2 FEET OR GREATER (E.G. TOWER OR BUILDING FOUNDATION EXCAVATION, UTILITY TRENCHES).
 2. MULCH AT DOUBLE THE NORMAL RATE I.E. 6" DEEP OR 2-4 BALES/1000 SF.
 3. MULCH BEFORE SNOW FALL.
 4. ALL REQUIRED SILT FENCE IS TO BE INSTALLED BEFORE FROZEN CONDITIONS



- NOTES:
1. STABILIZED ENTRANCE TO BE CONSTRUCTED AS SHOWN ON THE SITE PLAN.
 2. CRUSHED STONE SIZE TO BE 1.5 TO 4 INCHES.
 3. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO MAIN ROAD. PERIODIC TOP DRESSING WITH ADDITIONAL STONE MAY BE REQUIRED TO ACCEPTABLY MAINTAIN THE ENTRANCE ROAD. ALL SEDIMENT SPILLED, DROPPED, OR WASHED ONTO THE TOWN ROAD MUST BE REMOVED IMMEDIATELY.
 4. WHEN NECESSARY, THE WHEELS OF VEHICLES EXITING THE SITE SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO A PUBLIC ROADWAY. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, WATERCOURSE, OR WETLAND. THE STABILIZED CONSTRUCTION ENTRANCE SHALL START AT AND PROCEED FOR A LENGTH OF 40' INCLUDING ALL TURNING RADIUS.

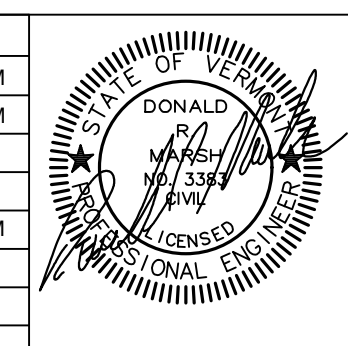
TYPICAL STABILIZED CONSTRUCTION EXIT
N7S



DATUM:
THE CONTOURS AND BENCHMARK ON THIS PLAN ARE BASED UPON GPS DERIVED ELEVATIONS OBSERVED ON SITE ON 08/24/21 AND ARE ON THE NAVD88 DATUM.

NOTE: ORIGINAL PLAN 24" x 36". OTHER SIZES NOT TO SCALE

No.	Date	Revision	By
1	2.13.23	UPDATED TO INCLUDE ADU AREA	TJM
2	2.17.23	ADDED LOC. MAP, MDE & UG UTILITIES & REVISED LOD	TJM
3	3.10.23	REVISED BUILDINGS, DRIVEWAYS & GRADING	TJM
4	3.28.23	REVISED PLAN	TJM
5	4.10.23	REVISED ADU NOTE	TJM



EPSC PLAN & DETAILS

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Date: 11.12.21
Scale: 1" = 30'
Designed: DRM
Drawn: TJM
Checked: DRM
Sheet No: EC-1