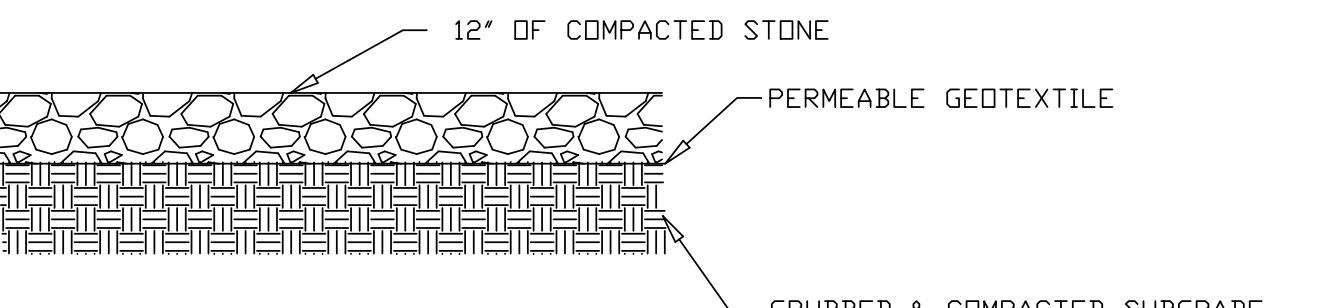


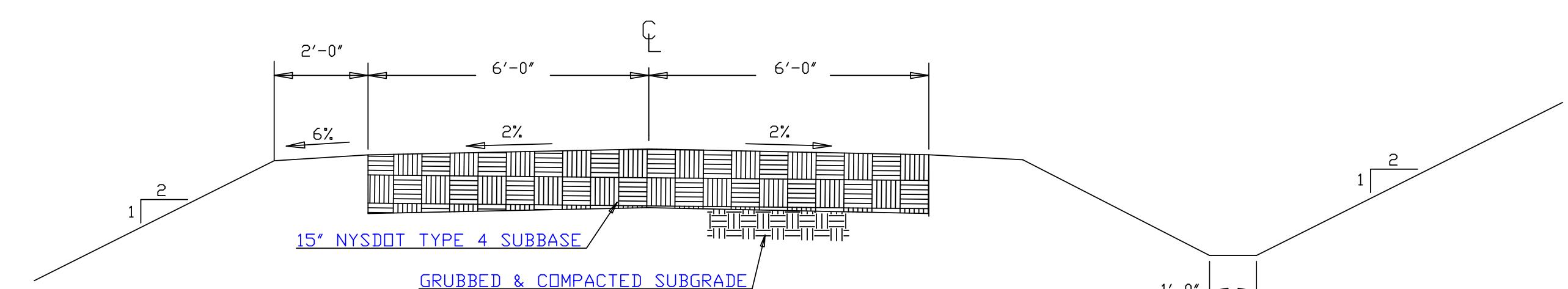
LEGEND	
CLEANOUT	⊗
TEMPORARY SILT FENCE	— SF — SF —
PROPOSED CONTOUR	—
PROPOSED PROPERTY LINE	○ — ○ —
EXISTING PROPERTY LINE	○ — ○ —
BUILDING ENVELOPE	— - - - -
EXISTING MAJOR CONTOUR	—
EXISTING MINOR CONTOUR	—
DEEP TEST	DT
PERCOLATION TEST	PT
SWALE	— SW → —
DISTURBANCE BOUNDARY	— # — # — # —

INVERT ELEVATIONS TABLE						
	STRUCTURE	INV. IN	INV. OUT	PIPE LENGTH	PIPE ROUTE	PIPE SLOPE
LOT 1	BUILDING LINE	-	385.20' (MIN. RAW)	20'	TO 1250G TANK	-2.0%
	1250G TANK	384.80'	384.56'	12.0'	TO SIPHON CHAMBER	-2.0%
	SIPHON CHAMBER	384.32'	382.57'	3.0'	TO D-BOX	-1.0%
	D-BOX	382.54'	382.33'	VARIES	TO TRENCHES	-1.0% MIN.
	TRENCHES	18" BELOW ORIGINAL GRADE				0%
LOT 2	STRUCTURE	INV. IN	INV. OUT	PIPE LENGTH	PIPE ROUTE	PIPE SLOPE
	BUILDING LINE	-	377.79' (MIN. RAW)	10'	TO 1250G TANK	-2.0%
	1250G TANK	377.35'	376.99'	47.0'	TO D-BOX	-2.0%
	D-BOX	376.29'	376.08'	VARIES	TO TRENCHES	-1.0% MIN.
	TRENCHES	18" BELOW ORIGINAL GRADE				0%



# INDIVIDUAL DRIVEWAY DETAIL

(NOT TO SCALE)



# COMMON DRIVEWAY DETAIL

## NOTES:

NOTES:

1. NO EXISTING WELLS WITHIN 200' DOWNSHILL OF PROPOSED SANITARY FACILITIES AND NO EXISTING SEPTICS WITHIN 200' UPHILL OF PROPOSED WELLS.
2. NYSDEC FRESHWATER WETLAND BOUNDARY P0-4 DELINEATED ON 4/24/2020 AND EXPIRES ON 7/31/2025 PER FM#21-67C.
3. SEE EXISTING ULSTER COUNTY HEALTH DEPARTMENT APPROVAL DATED NOVEMBER 2020.

REV1: 7/11/2025 PERIODIC COMMENTS

ENGINEER

64 TERRITZI ENGINERING BULGARIA

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(315) 338-3322

## PROPOSED GRADING & SEPTICS

## -LOT SUBDIVISION

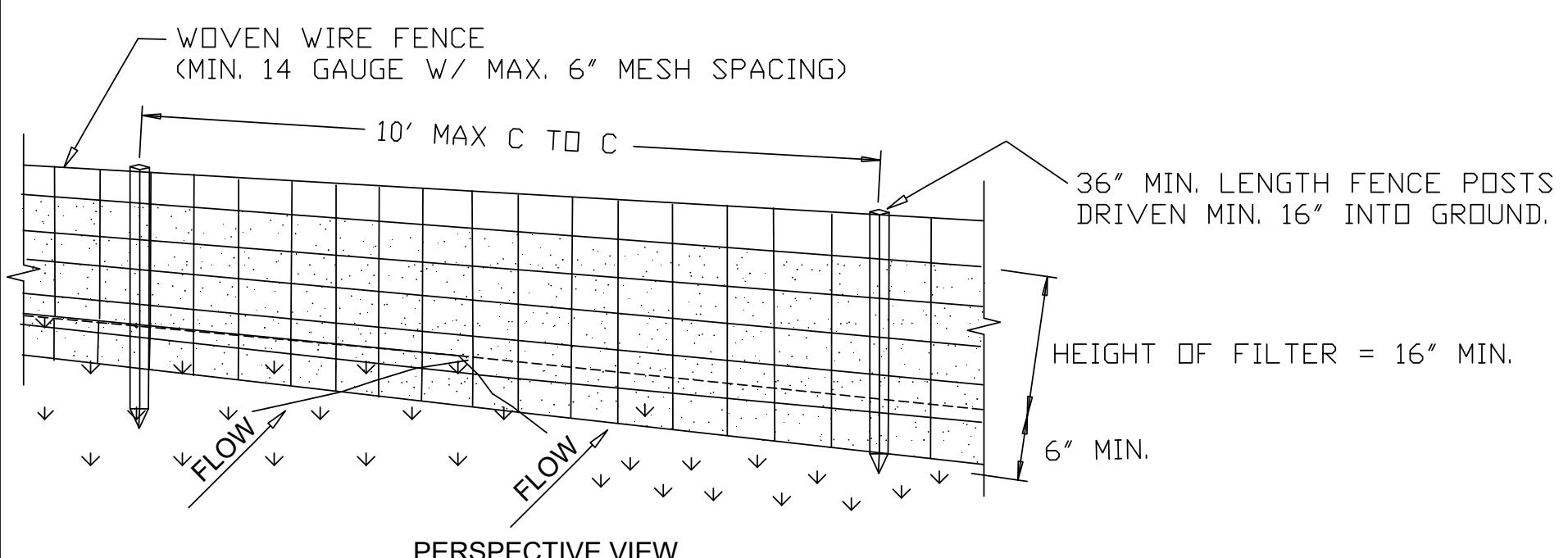
NASON  
C.B.L.: 95.4-3-13.210 / 99 PEACH LANE / 23.38 ACRES  
TOWN OF MARYBOROUGH, ULSTER COUNTY, NY

DATE 7/20/2025	SCALE 1" = 100'	SHEET NUMBER 2 OF 5
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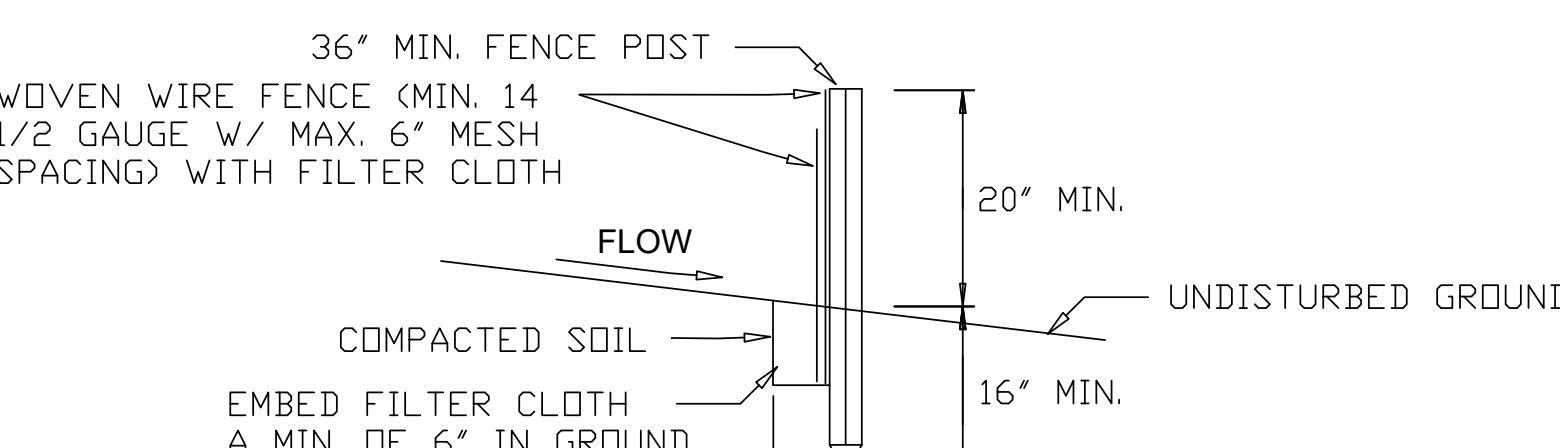


**LEGEND**

- CLEANOUT
- TEMPORARY SILT FENCE
- PROPOSED CONTOUR
- EXISTING PROPERTY LINE
- BUILDING ENVELOPE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- DEEP TEST
- PERCOLATION TEST
- SWALE
- DISTURBANCE BOUNDARY



PERSPECTIVE VIEW

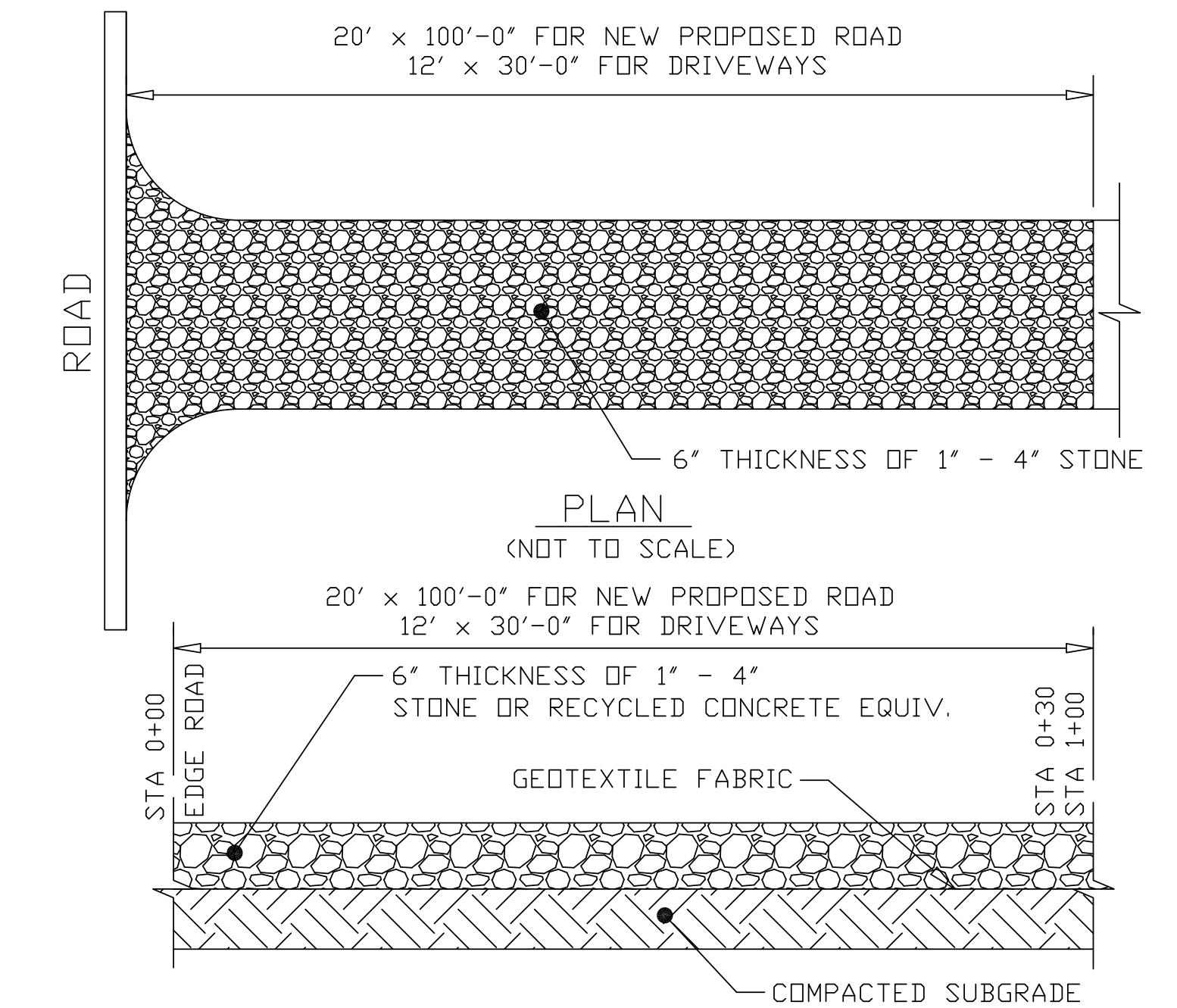
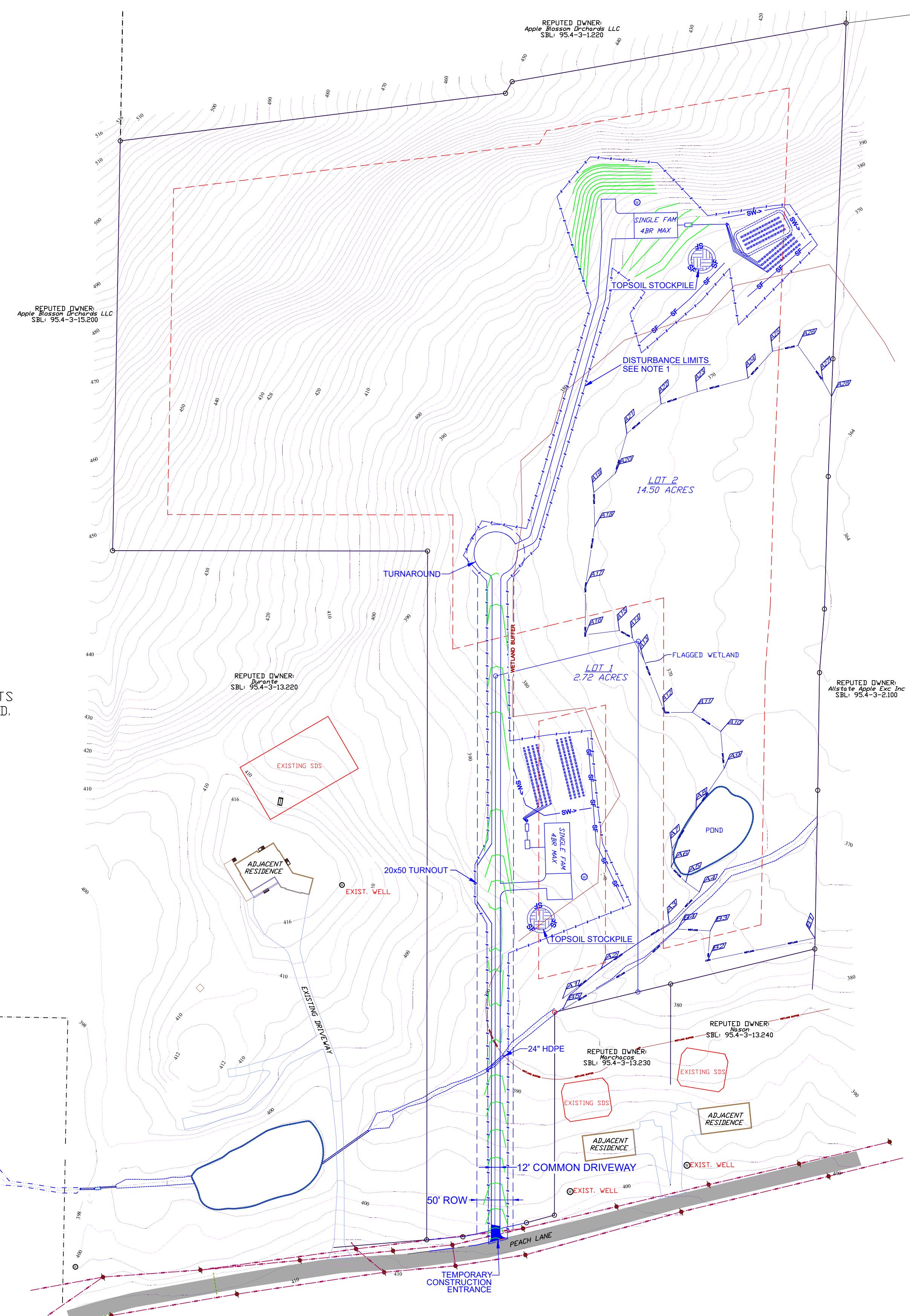


**SILT FENCE DETAIL**

SECTION  
(NOT TO SCALE)

NOTES:

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.



**STABILIZED CONSTRUCTION  
ENTRANCE DETAIL  
SECTION  
(NOT TO SCALE)**

NOTES:

1. ENTRANCE SHALL BE MAINTAINED AS CONDITIONS DEMAND TO PREVENT TRACKING OF SEDIMENT INTO PUBLIC RIGHTS OF WAY.

**EROSION CONTROL SEQUENCE NOTES:**

MEASURES SHALL BE TAKEN TO PREVENT SOIL EROSION DURING PROJECT CONSTRUCTION. ALL FRESHLY DISTURBED AREAS THAT WILL REMAIN DISTURBED FOR MORE THAN A PERIOD OF TWO WEEKS (14) DAYS SHALL BE STABILIZED BY TEMPORARY SEEDING.

1. PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES, THE LIMITS OF CLEARING AND GRADING SHALL BE MARKED. FILTER FABRIC SEDIMENT BARRIERS (SILT FENCE) SHALL BE PLACED ALONG THE DOWN GRADE PERIMETER OF THE SITE (OR PHASE) AND ANY OTHER AREAS WHERE SILT FENCE IS INDICATED AS TO BE INSTALLED AS SHOWN ON THE APPROVED PLANS. INSTALLATION SHALL BEGIN AT DOWN GRADE AREAS WORKING UPGRADE.
2. STABILIZED CONSTRUCTION ENTRANCES SHALL BE BUILT IN THE AREAS SHOWN AND WHEREVER A CONSTRUCTION ACCESS ROAD INTERSECTS ANY PUBLIC THOROUGHFARE.
3. SEED AND MULCH IS REQUIRED TO STABILIZE FINAL GRADES.
4. UPON COMPLETION OF CLEARING AND GRUBBING ACTIVITIES, TOPSOIL SHALL BE STRIPPED AND STOCKPILED FROM ALL AREAS TO BE DISTURBED. STOCKPILED TOPSOIL SHALL BE STABILIZED BY TEMPORARY SEEDING AND SURROUNDED WITH A SILT FENCE INSTALLED AROUND THE PERIMETER OF THE STOCKPILE.
5. TEMPORARY EROSION CONTROL DEVICES SHALL BE REMOVED ONCE AREAS UPGRADE OF SUCH DEVICES HAVE BEEN PERMANENTLY STABILIZED. REMOVAL OF TEMPORARY EROSION CONTROL DEVICES SHALL BEGIN WITH THE MOST UPGRADE DEVICES WORKING TOWARD THE MOST DOWN GRADE DEVICES.

NOTES:

1. THE PROPOSED DEVELOPMENT WILL DISTURB A TOTAL OF 2.94 ACRES AND THEREFORE REQUIRES A SWPPP THAT INCLUDES EROSION AND SEDIMENT CONTROLS AS PER NYSDEC SPDES GP-0-25-001.

ENGINEER

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(845) 239-2020

EROSION & SEDIMENT CONTROL PLAN AND DETAILS

2-LOT SUBDIVISION FOR:  
NASON

S.B.L.: 95.4-3-13.210 / 99 PEACH LANE / 23.38 ACRES  
TOWN OF MARLBOROUGH, ULSTER COUNTY, NY

## DEEP HOLE TESTS

LOT #1 TEST HOLE #: DT1-1	
DEPTH	SOIL TYPE
0'-6"	TOPSOIL
6'-52"	GRAVELLY SILTY CLAY LOAM

LOT #1 TEST HOLE #: DT1-2	
DEPTH	SOIL TYPE
0'-6"	TOPSOIL
6'-40"	SILTY CLAY LOAM
40'-60"	GRAVELLY SILT LOAM

MOTTLING OBSERVED AT: N/A

WATER OBSERVED AT: N/A

BEDROCK OBSERVED AT: N/A

LOT #2 TEST HOLE #: DT2-1	
DEPTH	SOIL TYPE
0'-5"	TOPSOIL
5'-32"	SILTY LOAM
32'-52"	MOTTLED CLAY

MOTTLING OBSERVED AT: 32"

WATER OBSERVED AT: N/A

BEDROCK OBSERVED AT: N/A

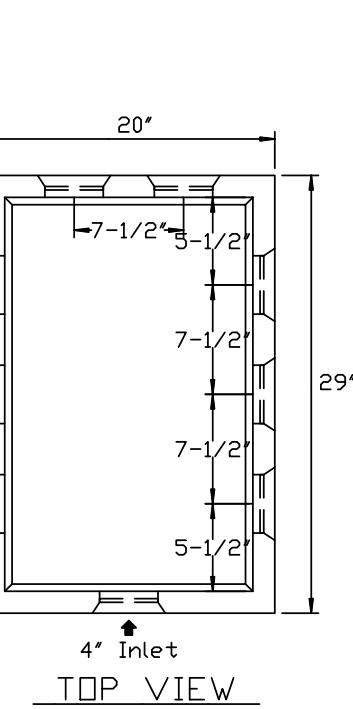
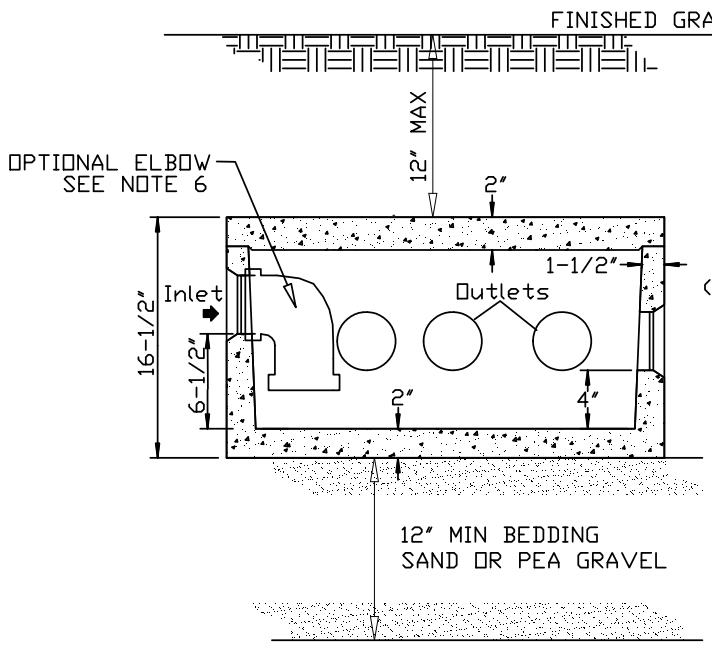
LOT #3 TEST HOLE #: DT3-1	
DEPTH	SOIL TYPE
0'-5"	TOPSOIL
5'-14"	CLAY LOAM
14'-24"	MOTTLED CLAY

MOTTLING OBSERVED AT: 14"

WATER OBSERVED AT: N/A

BEDROCK OBSERVED AT: N/A

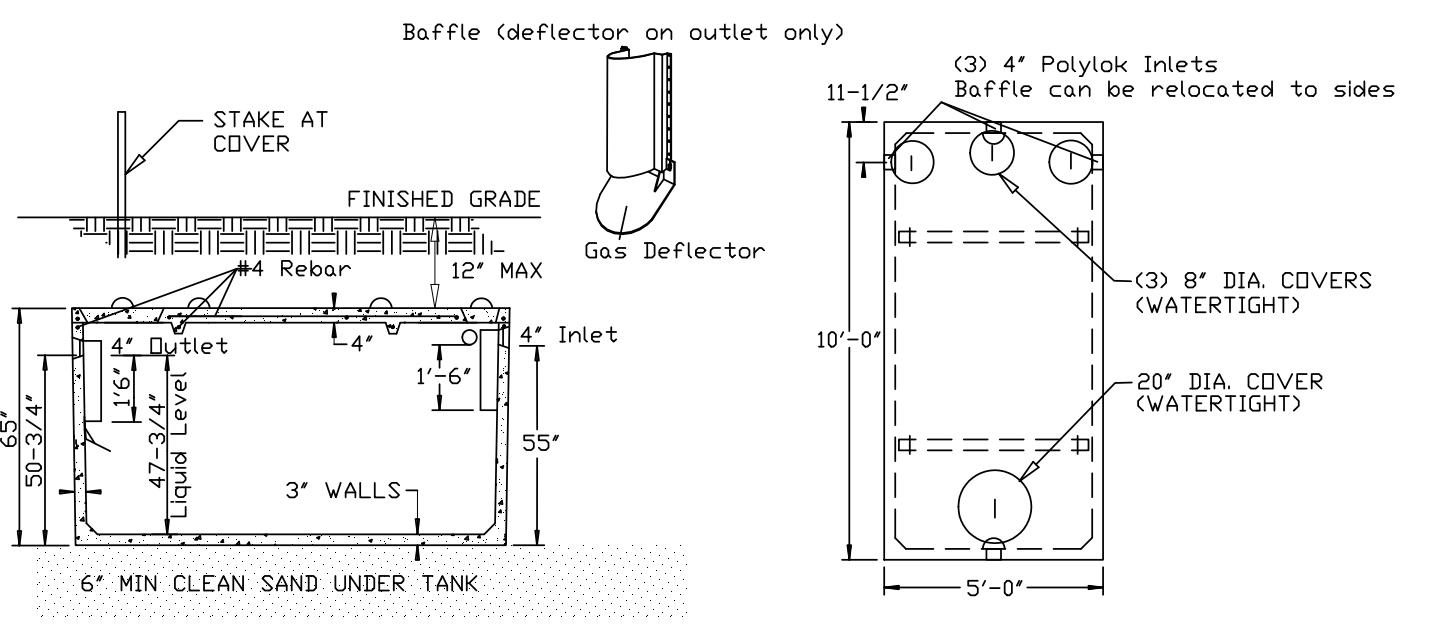
ALL DEEP SOILS TESTS PERFORMED AND WITNESSED BY UCDOH ON JANUARY 13, 2025



## 8 HOLE DISTRIBUTION BOX DETAIL

(NOT TO SCALE)

1. DISTRIBUTION BOX SHALL BE PRECAST WOODARDS CONCRETE PRODUCTS MODEL NO. DB-9 OR EQUAL.
2. POLYLOK SEAL TO BE USED AT INLET AND ALL OUTLETS.
3. INVERT ELEVATIONS OF ALL OUTLETS TO LATERALS MUST BE EQUAL.
4. THE DISTRIBUTION BOX SHALL BE PLACED ON A 12' BED OF SAND OR PEA GRAVEL AND SHALL HAVE A MINIMUM COVER OF 12'.
5. ALL UNUSED OUTLETS SHALL BE SEALED AND ALL LATERAL ENDS SHALL BE CAPPED.
6. BAFFLE TEE OR ELBOW REQUIRED WHEN INLET PIPE SLOPE EXCEEDS 1/2' PER FOOT.



## 1,250 GAL SEPTIC TANK DETAIL

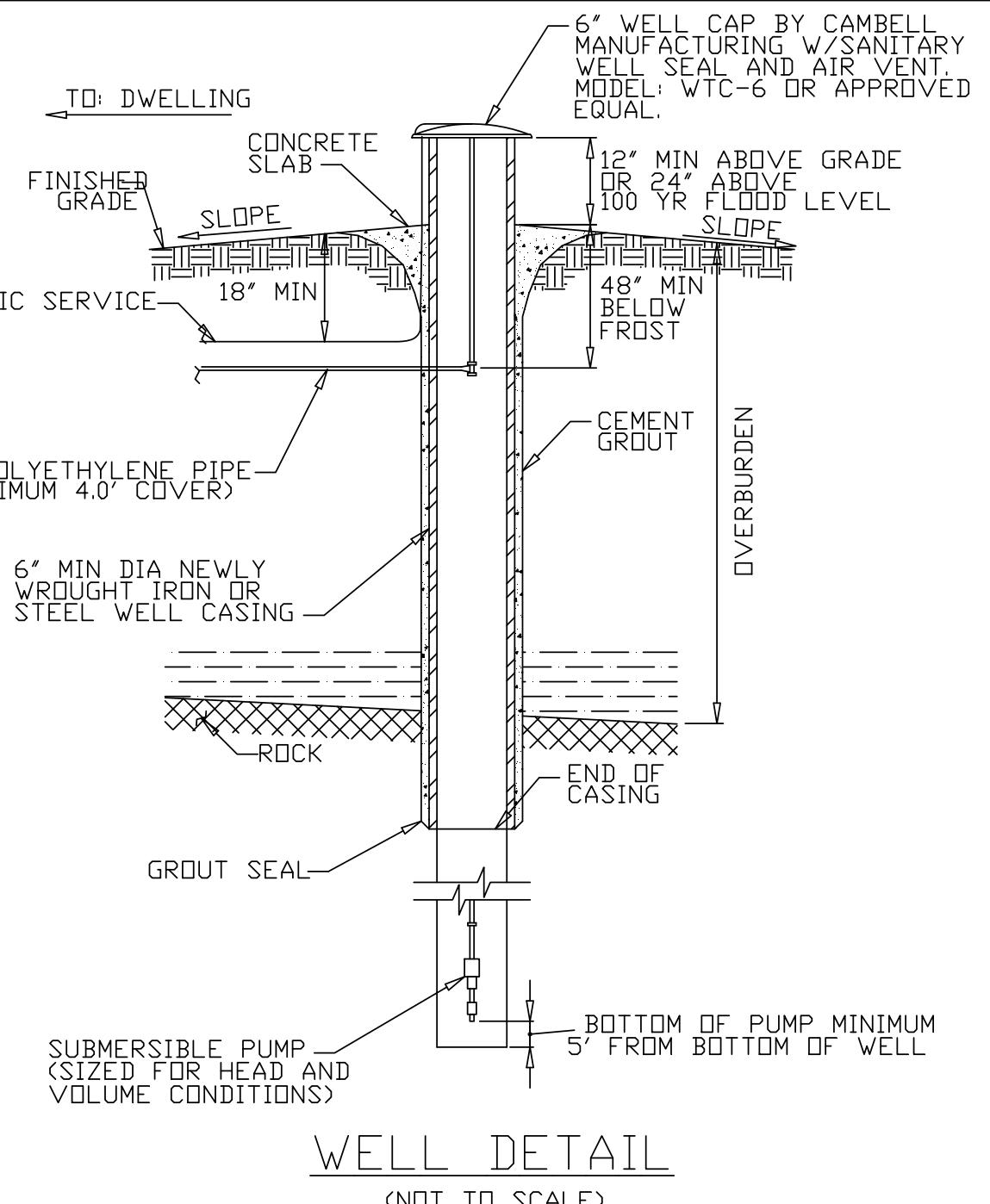
(NOT TO SCALE)

1. SEPTIC TANK SHALL BE PRECAST WOODARDS CONCRETE PRODUCTS MODEL ST-1250 OR EQUAL.
2. CONCRETE MINIMUM STRENGTH: 4,000 PSI AT 28 DAYS.
3. STEEL REINFORCEMENT: #4 BAR GR-60, FORTA FERRO SLB/CY.
4. CONSTRUCTION JOINT: SEALED WITH BUTYL RUBBER SEALANT.
5. POLYLOK SEAL TO BE USED AT ALL PIPE CONNECTIONS.
6. 12' MAX COVER WITHOUT RISER TO GRADE

## WASTEWATER TREATMENT DESIGN CRITERIA

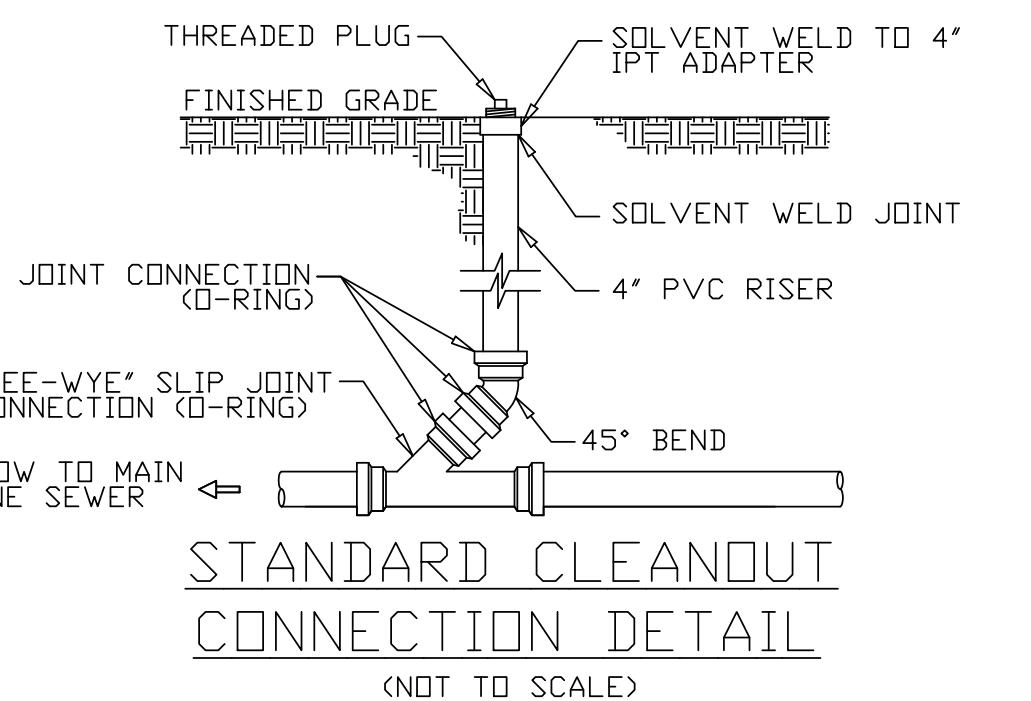
LOCATION	PERC NO.	DEPTH OF PERC HOLE	STABILIZED PERC RATE	DESIGN PERC RATE	SYSTEM TYPE	DEPTH BELOW ORIGINAL GRADE TO TRENCH BOTTOM	DESIGN MINIMUM TRENCH LENGTH AT 110 GPD PER BEDROOM	
							REQUIRED	PROVIDED
PROPOSED LOT 1	PT1-1	24"	30 MINUTES	31-45 MINUTES	OPEN BOTTOM GRAVELLESS CHAMBERS*	24"	4 BEDROOMS MAX 330 LF*	340 LF
	PT1-2			40 MINUTES			4 BEDROOMS MAX 236 LF*	
PROPOSED LOT 2	PT2-1	24"	8 MINUTES	16-20 MINUTES	OPEN BOTTOM GRAVELLESS CHAMBERS*	24" (PRIMARY)	4 BEDROOMS MAX 236 LF*	240 LF
	PT2-2	8"	15 MINUTES			8" (SHALLOW RESERVE)		
	PT2-3		19 MINUTES					

PT1-1, PT1-2, PT2-1, PT2-2 & PT2-3 PERFORMED ON FEBRUARY 4, 2025.  
\*QUALIFIES FOR 25% TRENCH LENGTH REDUCTION PER APPENDIX 75-A.



### NOTES:

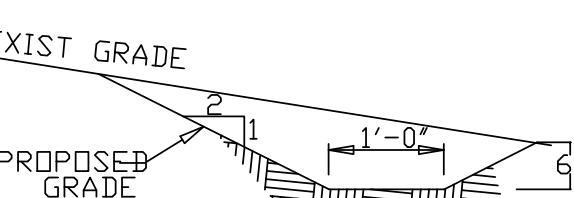
1. WELL SHALL BE CONSTRUCTED PER NYSDOH APPENDIX 5-B, "STANDARDS FOR WATER WELLS, LATEST EDITION."
2. DRILL HOLE SHALL BE THE DIAMETER OF THE CASE PLUS 4", WITH 20' MINIMUM OF GROUT AND CASING INTO ROCK. GROUT MIXTURE SHALL BE 5.5 GALS OF WATER TO 1 BAG OF NEAT CEMENT.
3. DRIVE CASING AT LEAST 10' IN ROCK.
4. WELL YIELD MUST BE AT LEAST 5 GPM.
5. WELLS ARE TO BE INSTALLED IN THE LOCATIONS SHOWN ON THE APPROVED PLAN. MINIMUM SEPARATIONS FROM WELLS MUST BE STRICTLY ADHERED TO.
6. WELL CASING SHALL BE IN COMPLIANCE WITH "10 STATE STANDARDS" AND AWWA STANDARD A-100, LATEST EDITION. A MINIMUM OF 40' OF WELL CASING SHALL BE USED.
7. WELL CAP SHALL BE A MINIMUM OF 24" ABOVE THE 100 YR FLOOD ELEVATION.



## TUF-TITE SPEED LEVELER DETAIL

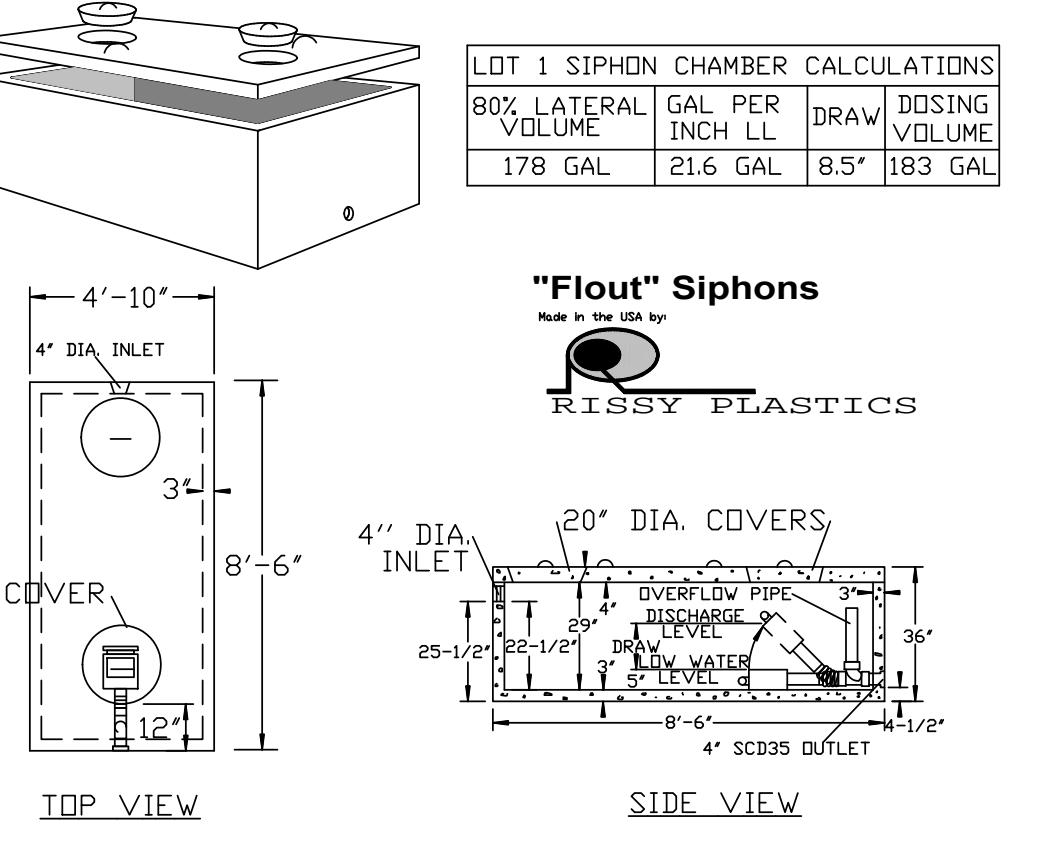
(NOT TO SCALE)

INSERT LEVELER IN THE END OF ALL OUTLET PIPES IN THE D-BOX. ROTATE UNTIL EFFLUENT ENTERS ALL OUTLETS EQUALLY. FITS ALL 4" SMOOTH WALL AND CORRUGATED PIPES.



## GRASS SWALE DETAIL

(NOT TO SCALE)



## LOT 1 SIPHON CHAMBER

(NOT TO SCALE)

1. SIPHON CHAMBER SHALL BE PRECAST WOODARDS CONCRETE PRODUCTS MODEL SC-5X9 OR EQUAL.
2. CONCRETE MINIMUM STRENGTH: 4,000 PSI AT 28 DAYS.
3. STEEL REINFORCEMENT: 6x6x10GA WWM.
4. CONSTRUCTION JOINT: SEALED WITH BUTYL RUBBER SEALANT.
5. POLYLOK SEAL TO BE USED AT ALL PIPE CONNECTIONS.
6. 12' MAX COVER WITHOUT RISER TO GRADE
7. SIPHON SHALL BE RISSY PLASTICS MODEL 313 SHORTENED TO A 8.5' DRAW.

REV1: 7/11/2025 PER UCDOH COMMENTS

C.M. TERRIZZI ENGINEERING, PLLC

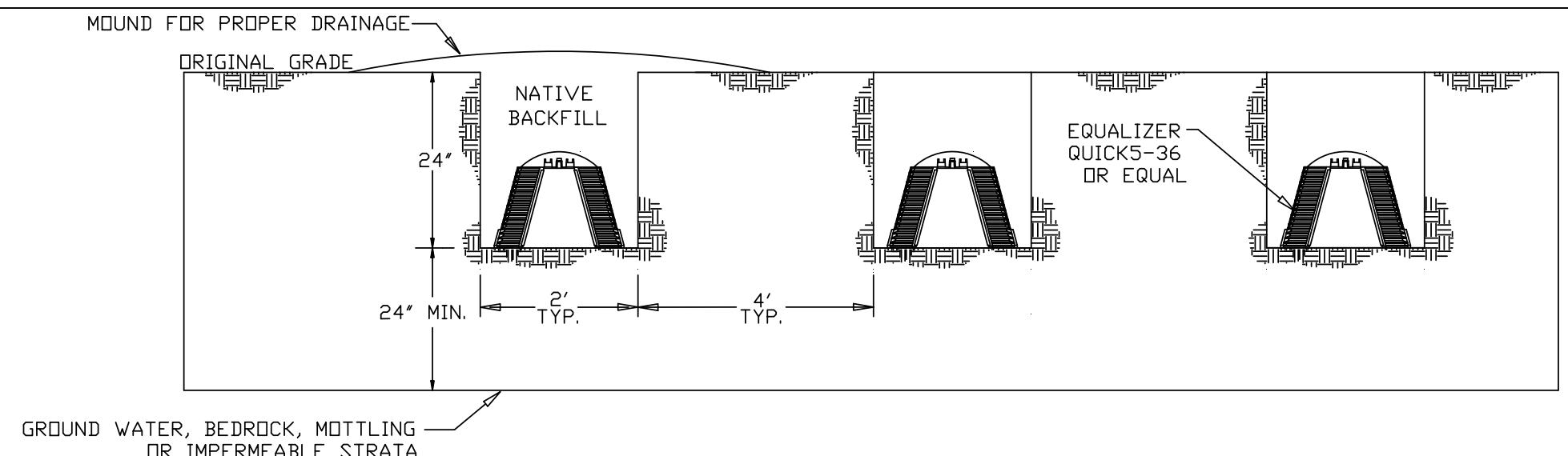
11 TERRIZZI DR.  
WALLKILL, NY 12589  
(845) 239-2020

SEPTIC SYSTEM DESIGN CRITERIA & DETAILS

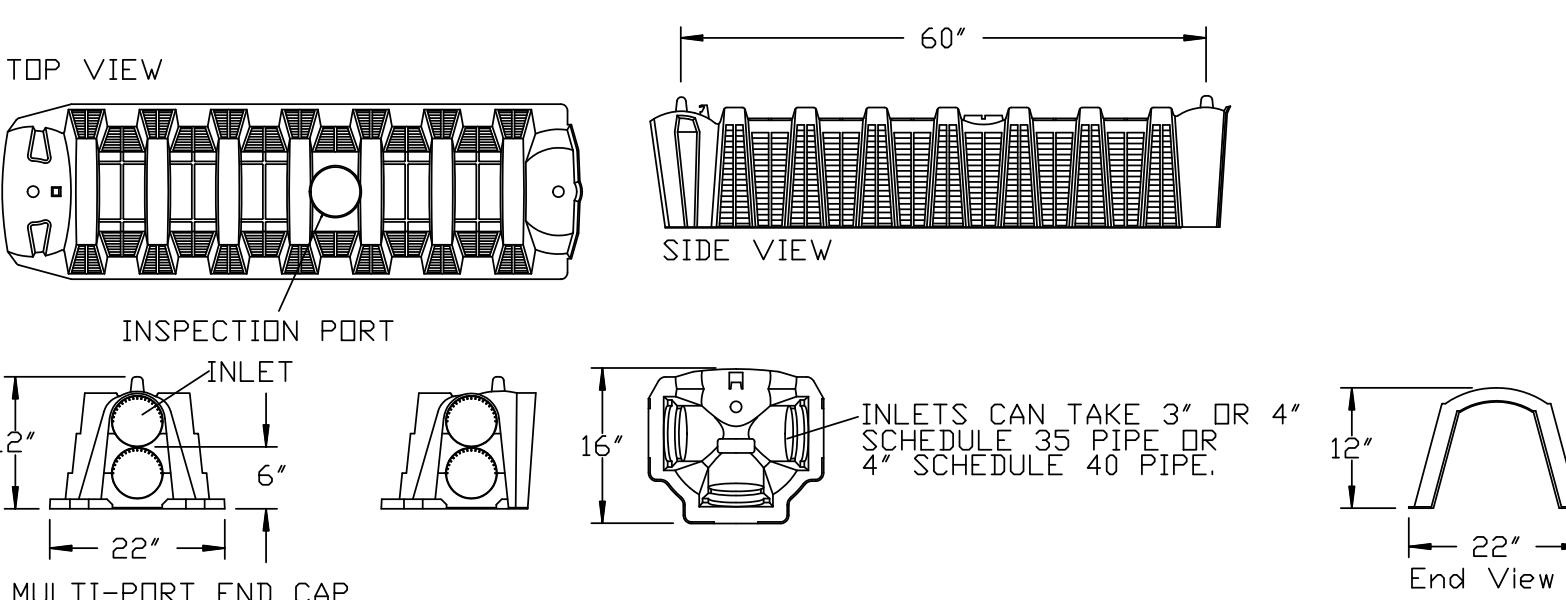
2-LOT SUBDIVISION FIR:

NASON

S.B.L.: 95.4-3-13.210 / 99 PEACH LANE / 23.38 ACRES  
TOWN OF MARLBOROUGH, ULSTER COUNTY, NY  
DATE 7/20/2025  
SCALE N.T.S.  
SHEET NUMBER 4 OF 5



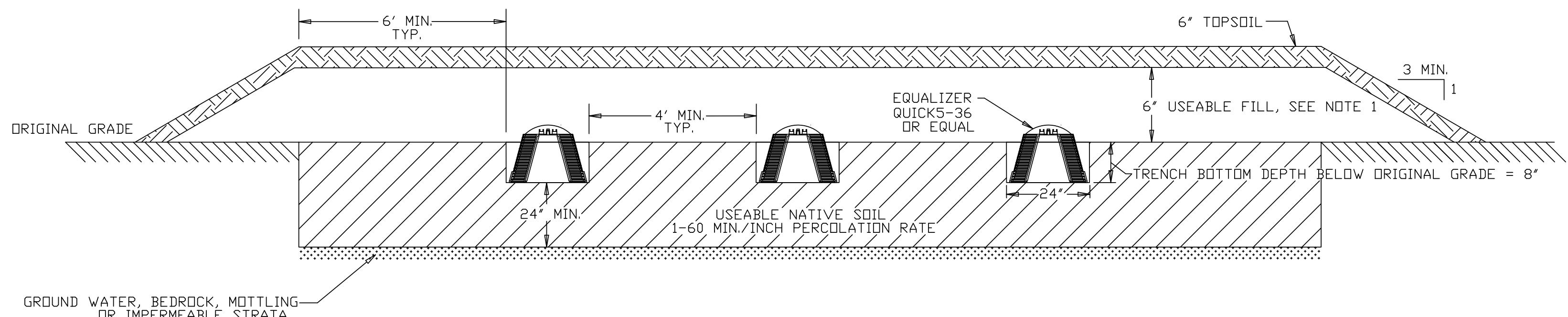
LOT 1 & LOT 2 PRIMARY OPEN-BOTTOM GRAVELLESS CHAMBER SYSTEM



INFILTRATOR CHAMBER DETAILS

EQUALIZER QUICK5-36 OR EQUAL

NOTES:  
1. END CAPS SHALL BE INSTALLED AT EACH TRENCH END.



LOT 2 SHALLOW RESERVE OPEN-BOTTOM GRAVELLESS CHAMBER SYSTEM

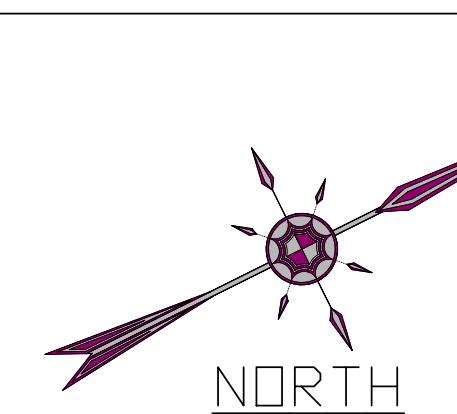
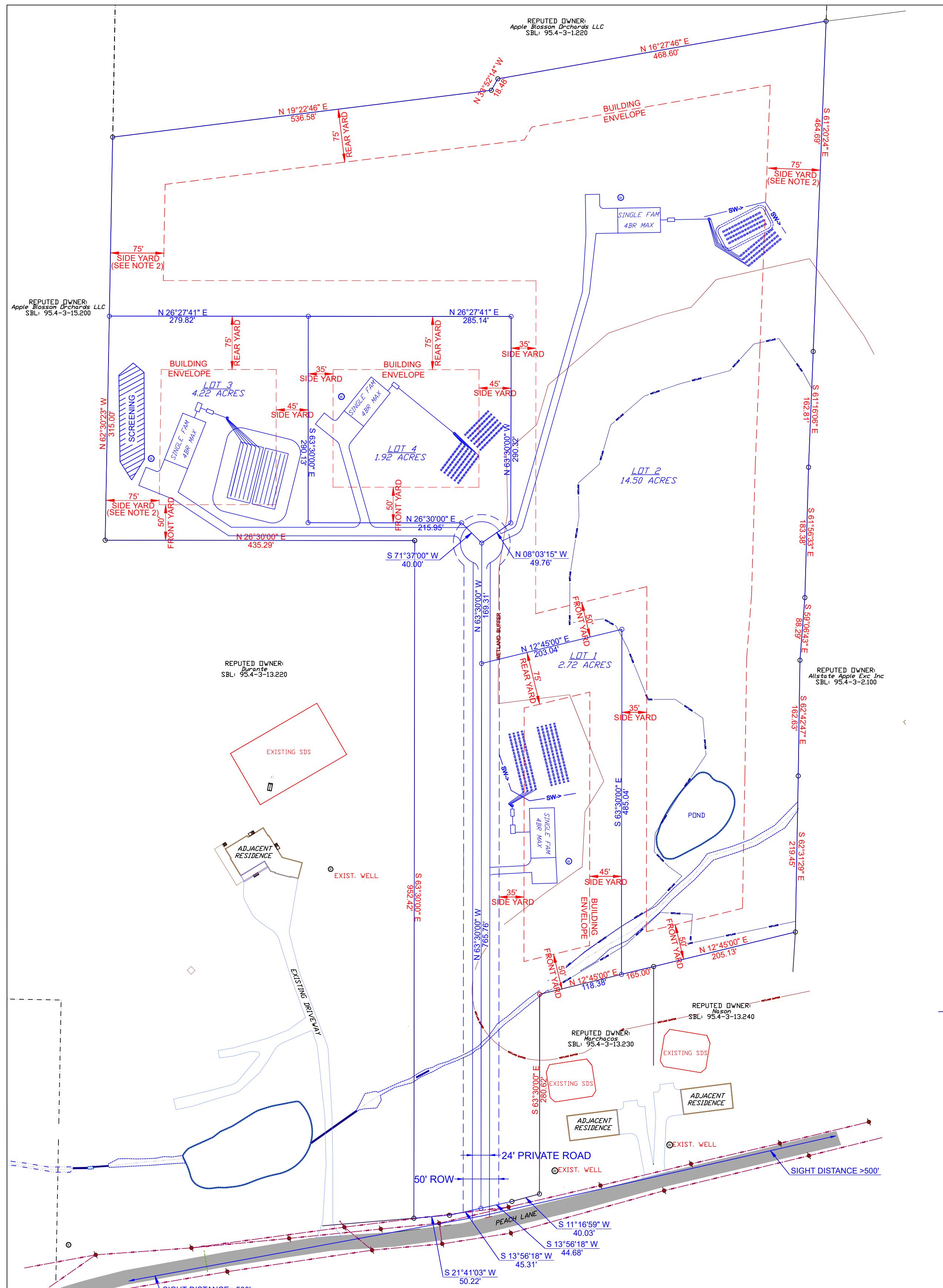
NOTES:  
1. END VIEW  
(NOT TO SCALE)

#### SEPTIC SYSTEM GENERAL NOTES:

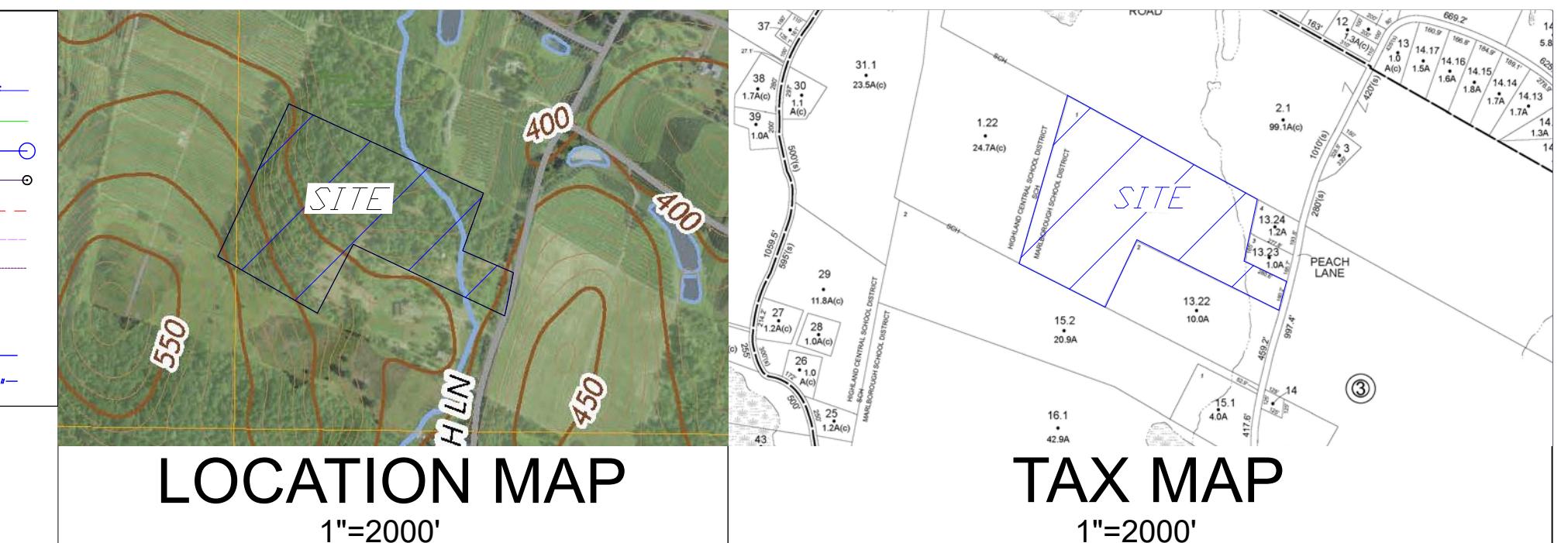
- ALL SEWAGE DISPOSAL SYSTEMS ARE TO BE LOCATED AT LEAST 100 FEET FROM STREAMS AND AT LEAST 35 FEET FROM DRAINAGE EASEMENTS.
- NO MORE THAN ONE (1) SINGLE FAMILY DWELLING PER LOT.
- NO SWIMMING POOLS, DRIVEWAYS OR STRUCTURES THAT MAY COMPACT THE SOIL SHALL BE LOCATED OVER ANY PORTION OF THE ABSORPTION FIELD.
- ALL TREES ARE TO BE CUT AND REMOVED FROM THE AREA OF THE SEWAGE DISPOSAL SYSTEM IN A MANNER THAT WILL NOT SIGNIFICANTLY DISTURB THE VIRGIN SOIL.
- NO ROOF, CELLAR, OR FOOTING DRAINS ARE TO BE DISCHARGED INTO THE AREA OF THE SEWAGE DISPOSAL SYSTEM, OR TOWARD THE WELL.
- THE PERIMETER OF THE ABSORPTION FIELD SHALL BE GRADED TO DIVERT SURFACE RUNOFF.
- ALL TRENCHES SHALL BE EQUAL LENGTH.
- SEPTIC TANKS SHALL BE PRECAST CONCRETE AND SHALL BE MANUFACTURED TO WOODARDS CONCRETE PRODUCTS SPECIFICATIONS, OR AN APPROVED EQUAL.
- A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER (OR OTHER DESIGN PROFESSIONAL AS ALLOWED BY THE NYS EDUCATION DEPT) SHALL INSPECT THE SANITARY FACILITIES AT THE TIME OF CONSTRUCTION. THE ENGINEER SHALL CERTIFY TO THE ULSTER COUNTY DEPARTMENT OF HEALTH AND THE LOCAL CODE ENFORCEMENT OFFICER THAT THE FACILITIES HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND THAT ANY SEPTIC TANK JOINTS HAVE BEEN SEALED & TESTED FOR WATER TIGHTNESS.
- THIS SEPTIC DISPOSAL SYSTEM WAS NOT DESIGNED TO ACCOMMODATE GARBAGE GRINDERS, JACUZZI TYPE SPA TUBS (OVER 100 GAL.) OR WATER SOFTENERS. AS SUCH THESE ITEMS SHALL NOT BE INSTALLED UNLESS THE SEPTIC DISPOSAL SYSTEM IS REDESIGNED TO ACCOUNT FOR THEM AND APPROVED BY THE ULSTER COUNTY HEALTH DEPARTMENT.
- NO GRADING CUTS ARE TO BE MADE IN THE AREA OF THE SEWAGE DISPOSAL SYSTEM. NO FILL IS TO BE PLACED IN THE AREA OF THE SEWAGE DISPOSAL SYSTEM, UNLESS SO INDICATED ON THE PLANS.
- PROPOSED SEWER LATERALS ARE TO BE LAID OUT AND CONSTRUCTED PARALLEL WITH EXISTING GROUND CONTOURS.
- HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE ABSORPTION FIELDS EXCEPT DURING THE ACTUAL CONSTRUCTION. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE ABSORPTION FIELD AREA BEFORE, DURING, OR AFTER CONSTRUCTION. EXTREME CARE MUST BE TAKEN DURING THE ACTUAL CONSTRUCTION SO AS TO AVOID ANY UNDUE COMPACTION THAT COULD RESULT IN A CHANGE OF THE ABSORPTION CAPACITY OF THE SOIL ON WHICH THE DESIGN WAS BASED.
- THE DESIGN AND LOCATION OF THE SANITARY FACILITIES SHOWN SHALL NOT BE CHANGED WITHOUT REVIEW AND APPROVAL OF THE ULSTER COUNTY DEPARTMENT OF HEALTH.
- SEPTIC TANKS SHOULD BE INSPECTED PERIODICALLY AND PUMPED EVERY 2-3 YEARS. DISTRIBUTION BOXES SHOULD BE INSPECTED ANNUALLY TO ASSURE THEY ARE LEVEL AND OPERATING PROPERLY. PUMP CHAMBERS SHOULD BE INSPECTED PERIODICALLY BY A TRAINED PERSON FOR PROPER OPERATION, INCLUDING HIGH WATER ALARMS, VENTING AND PHYSICAL DAMAGE.
- THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK (OR ANY PUMPING OR DOSING CHAMBER) TO THE BUILDING, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT.
- THE OWNER/APPLICANT SHALL BE PROVIDED WITH A COPY OF THE APPROVED PLANS AND AN ACCURATE AS-BUILT DRAWING OF ANY EXISTING SANITARY FACILITIES.
- DISCHARGING BRINE BACKWASH FROM WATER SOFTENING EQUIPMENT TO THE SEPTIC SYSTEM MAY SHORTEN THE LIFE OF THE ABSORPTION FIELD.

REV1: 7/11/2025 PER UCDOH COMMENTS

ENGINEER	C.M. TERRIZZI ENGINEERING, PLLC 11 TERRIZZI DR. WALLKILL, NY. 12589 (845) 239-2020					
	SEPTIC SYSTEM DETAILS CONT. 2-LOT SUBDIVISION FOR: NASON S.B.L.: 95.4-3-13.210 / 99 PEACH LANE / 23.38 ACRES TOWN OF MARLBOROUGH, ULSTER COUNTY, NY					
DATE 7/20/2025						
SCALE N.T.S.						
SHEET NUMBER 5 OF 5						



LEGEND
CLEAR
TEMPORARY SILT F
PROPOSED CON
PROPOSED PROPERTY
EXISTING PROPERTY
BUILDING ENVE
EXISTING MAJOR CON
EXISTING MINOR CON
DEEP
PERCOLATION
S
DISTURBANCE BOUN



## LOCATION MAP

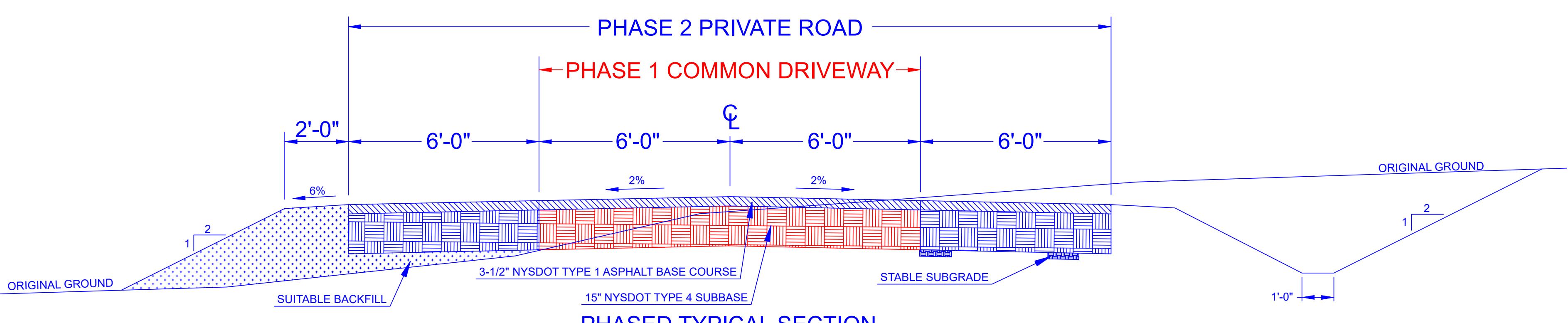
1"=2000'

# TAX MAP

"=2000'

**TOWN OF MARLBOROUGH R-AG-1 ZONING SCHEDULE**

	<u>MINIMUM REQUIRED</u>	<u>PROPOSED PH.1</u>	<u>PROPOSED PH.1</u>	<u>PROPOSED PH.2</u>	<u>PROPOSED PH.2</u>	<u>PROPOSED PH.2</u>
<u>LOT AREA</u>	1 ACRE (43,560 SF)	2.72 ACRES (118,783 SF)	20.65 ACRES (899,747 SF)	14.50 ACRES (632,035 SF)	4.22 ACRES (183,956 SF)	1.92 ACRES (83,732 SF)
<u>YARDS (feet)</u>						
FRONT	50'	181'±	556'±	556'±	100'±	160'±
REAR	75'	213'±	208'±	208'±	136'±	85'±
<u>SIDE</u>						
ONE	35'	67'±	220'±	220'±	83'±	50'±
BOTH	80'	167'±	932'±	932'±	226'±	219'±
<u>LOT WIDTH (feet)</u>	150'	197'±	993'±	993'±	315'±	285'±
<u>LOT DEPTH (feet)</u>	200'	216'±	791'±	791'±	279'±	290'±



## PHASED TYPICAL SECTION

NOTES:

1. PHASE 1 (2-LOT SUBDIVISION) COMMON DRIVEWAY SHOWN IN RED
2. PHASE 2 (1-LOT SUBDIVISION) PRIVATE ROAD SHOWN IN BLUE

*C.M. TERRIZZI ENGINEERING, PLLC*  
*11 TERRIZZI DR.*  
*WALLKILL, N.Y. 12589*

ГУМ / РУССКАЯ ПИСЬМЕННОСТЬ

## *SUBDIVISION FOR:*

*NASON*  
S.B.L.: 95.4-3-13.210 / 99 PEACH LANE / 23.38 ACRES  
TOWN OF MARLBOROUGH, WILSON COUNTY, NY

DATE 7/20/2025	SCALE 1" = 100'	SHEET NUMBER 1 OF 1
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