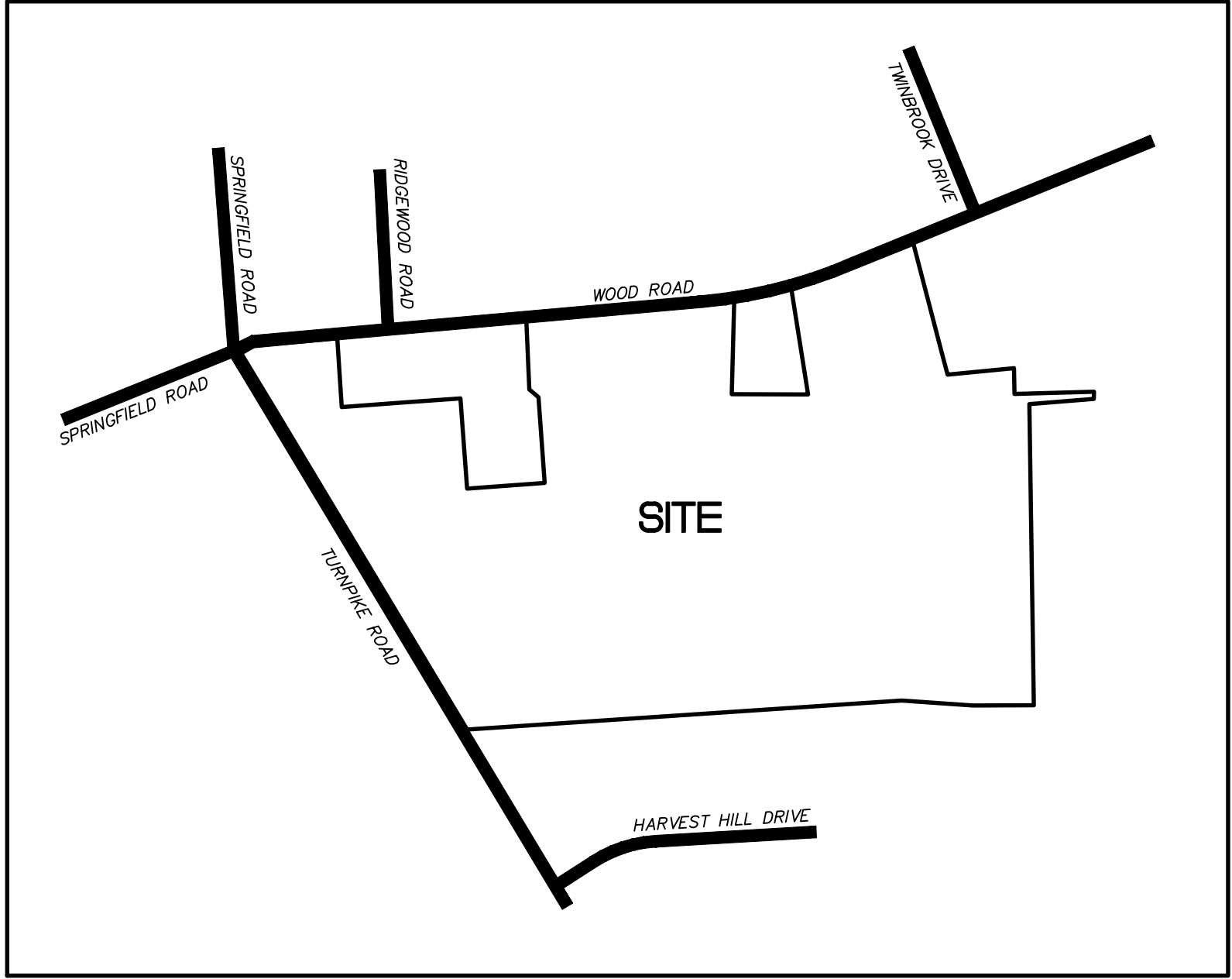


Resubdivision

80 Wood Road
Somers, Connecticut



KEY MAP
1" = 500' ±

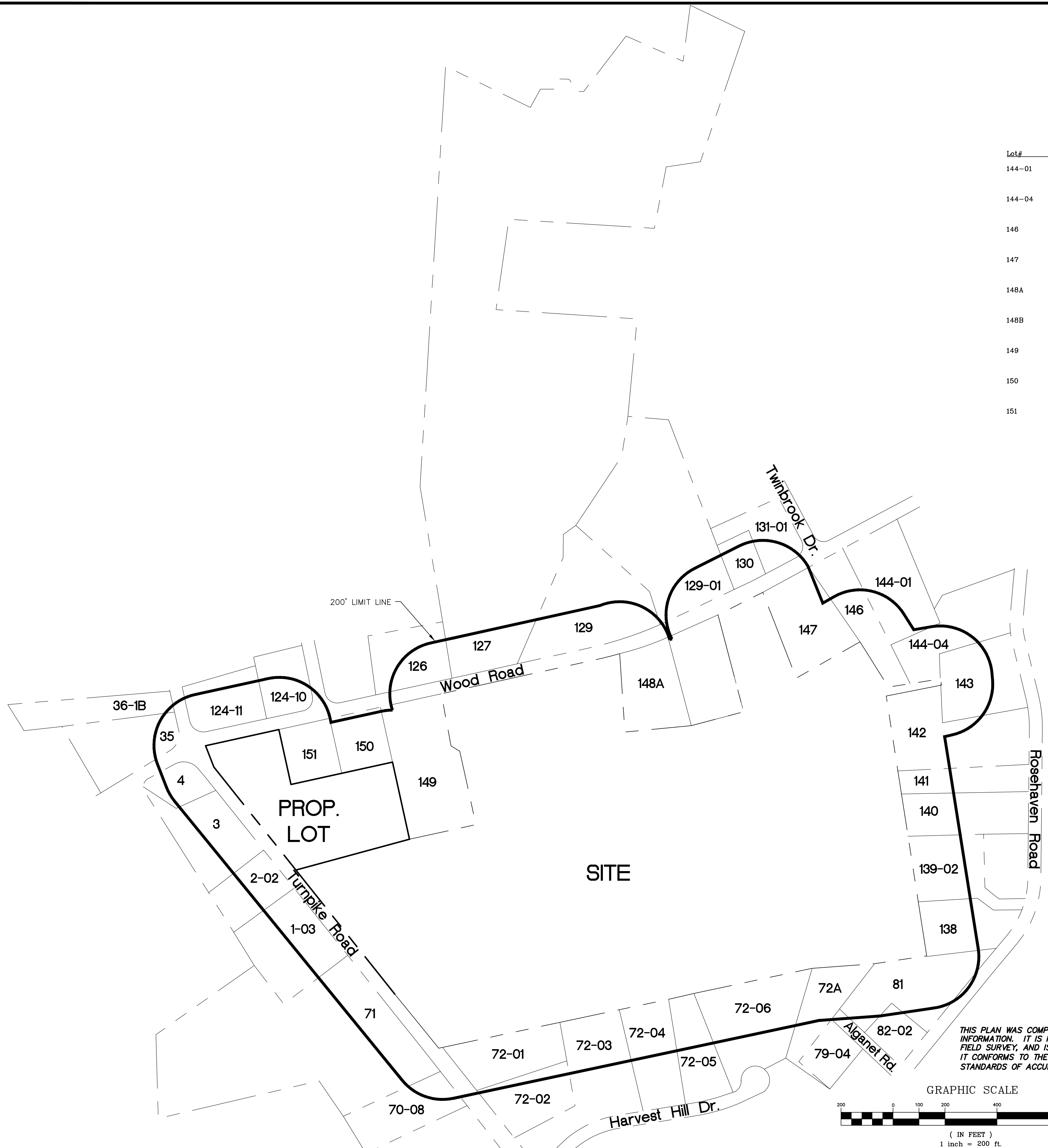
Applicant
T-Square Builders LLC
330 South Road
Somers, CT 06071

Owner
Daniel A. Fraro
70 Wood Road
Somers, CT 06071

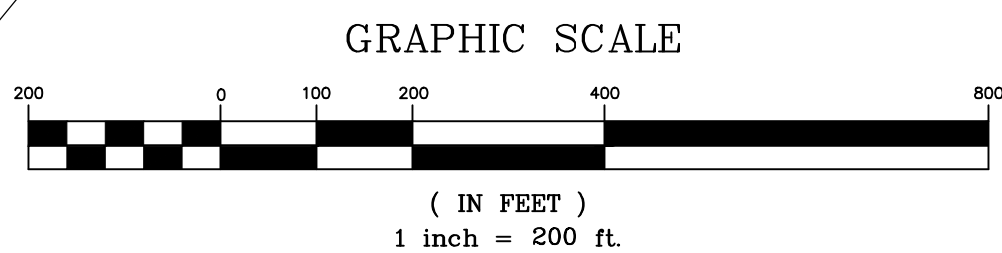
Prepared By
RUSO
SURVEYORS-ENGINEERS
SERVING CT & MA
J.R. Russo & Associates, LLC
1 Shoham Rd East Windsor, CT 06088 • CT 860.623.0569 • MA 413.785.1158
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DRAWING INDEX		
SHEET TITLE	SHEET NO.	LATEST REVISION
CIVIL		
COVER SHEET	1 of 5	8-25-2021
AREA MAP	2 of 5	8-25-2021
RESUBDIVISION PLAN	3 of 5	8-25-2021
SEPTIC SYSTEM PLAN	4 of 5	8-25-2021
EROSION CONTROL NOTES & DETAILS	5 of 5	8-25-2021

S:\Acad\2021\Civil\3D\2021-030 T-Square Turnpike Rd\Russco Drawings\2021-030.dwg, 1:1



THIS PLAN WAS COMPILED FROM OTHER MAPS, RECORD RESEARCH AND/OR OTHER SOURCES OF INFORMATION. IT IS NOT TO BE CONSTRUED AS HAVING BEEN OBTAINED AS THE RESULT OF A FIELD SURVEY, AND IS SUBJECT TO SUCH CHANGE AS AN ACCURATE FIELD SURVEY MAY DISCLOSE. IT CONFORMS TO THE CLASS "D" REQUIREMENTS OF THE "CODE OF RECOMMENDED PRACTICE FOR STANDARDS OF ACCURACY OF MAPS" OF THE CONNECTICUT TECHNICAL COUNCIL, INC.



Lot#	Name & Address
144-01	Timothy W. & Marjorie A. Dube 110 Rosehaven Road Somers, CT 06071
144-04	Charles & Mariane T. Woodruff 137 Rosehaven Road Somers, CT 06071
146	William P. & Valarie L. Kalinowski 100 Rosehaven Road Somers, CT 06071
147	Peter B. Smith 31 Williamson Road Somers, CT 06071
148A	Daniel A. Fraro 70 Wood Road Somers, CT 06071
148B	John P. Fraro 70 Wood Road Somers, CT 06071
149	Pamela S. & Anthony F. Desimone Jr. 273 MillBrook Drive East Longmeadow, MA 01028
150	Bryan H. & Lydia C. Dusty 24 Wood Road Somers, CT 06071
151	Mihran G. & Damianka A. Arakelian 16 Wood Road Somers, CT 06071

Lot#	Name & Address
1-03	Francis H. Bugden 517 Turnpike Road Somers, CT 06071
2-02	Jill M. Conklin P.O. Box 833 Somers, CT 06071
3	Wayne A. Hannan 537 Turnpike Road Somers, CT 06071
4	Craig W. & Joann St. Germain 30 Ridgewood Road Somers, CT 06071
35	Iesha Gomillion 471 Springfield Road Somers, CT 06071
36-1B	Karen M. & Paul K. Yukimura 483 Springfield Road Somers, CT 06071
70-08	Letourneau Brothers Construction 117 Hazard Avenue Enfield, CT 06082
71	Nicholas R. Wargo 483 Turnpike Road Somers, CT 06071
72-01	Veronica C. O'Dell 496 Turnpike Road Somers, CT 06071
72-02	Alejandro Anshez 488 Turnpike Road Somers, CT 06071
72-03	Douglas C. & Donna J. Stebbins 15 Harvest Hill Drive Somers, CT 06071
72-04	Gregory Stouth & Andrea Penley 23 Harvest Hill Drive Somers, CT 06071
72-05	Mt. Ford Industries LLC P.O. Box 1042 Somers, CT 06071
72-06	James U.T. & Nicole M. Stephenson 47 Harvest Hill Drive Somers, CT 06071
72A	Kevin W. & Susan P. Egan 57 Rosehaven Road Somers, CT 06071
79-04	- - -
81	Brent E. Morin 10 Algenet Road Somers, CT 06071
82-02	Aida Bracamonte c/o Miriam Bracamonte 165 Long Hill Drive Glastonbury, CT 06033
124-11	Keith M. & Lynne F. Albano 7 Wood Road Somers, CT 06071
124-10	Kevin M. McClure & Wendy M. Root 15 Wood Road Somers, CT 06071
126	Carol Ann Ray 31 Wood Road Somers, CT 06071
127	Somers AG Holding Company LLC 164 Hampden Road Somers, CT 06071
129	CLG Properties LLC 77 Wood Road Somers, CT 06071
129-01	Corey Gengenbach & Leslie F. Hickie 77 Wood Road Somers, CT 06071
130	Neil R. & Debra K. Atkinson 89 Wood Road Somers, CT 06071
131-01	Kurt D. & Diane M. Pfeifer 95 Wood Road Somers, CT 06071
138	David & Maureen Milkulski 89 Rosehaven Road Somers, CT 06071
139-02	Richard S. & Miranda A. Skrzyniarz 95 Rosehaven Road Somers, CT 06071
140	Brian Decker 105 Rosehaven Road Somers, CT 06071
141	Christine A. Nesperalla 111 Rosehaven Road Somers, CT 06071
142	Carla C. Smith 119 Rosehaven Road Somers, CT 06071
143	Thomas Munson 131 Watchaug Road Somers, CT 06071



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www.russco.com • info@russco.com

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REVISIONS	
BY: LF/TAC	CHK: JEU

Prepared For
T-Square Builders LLC
Turnpike Road & Wood Road
Somers, Connecticut
Map 11 Lot 148 Zone: A-1

Area Map
DATE 8-25-21
SCALE 1"=200'
JOB NUMBER 2021-030
SHEET 2 of 5

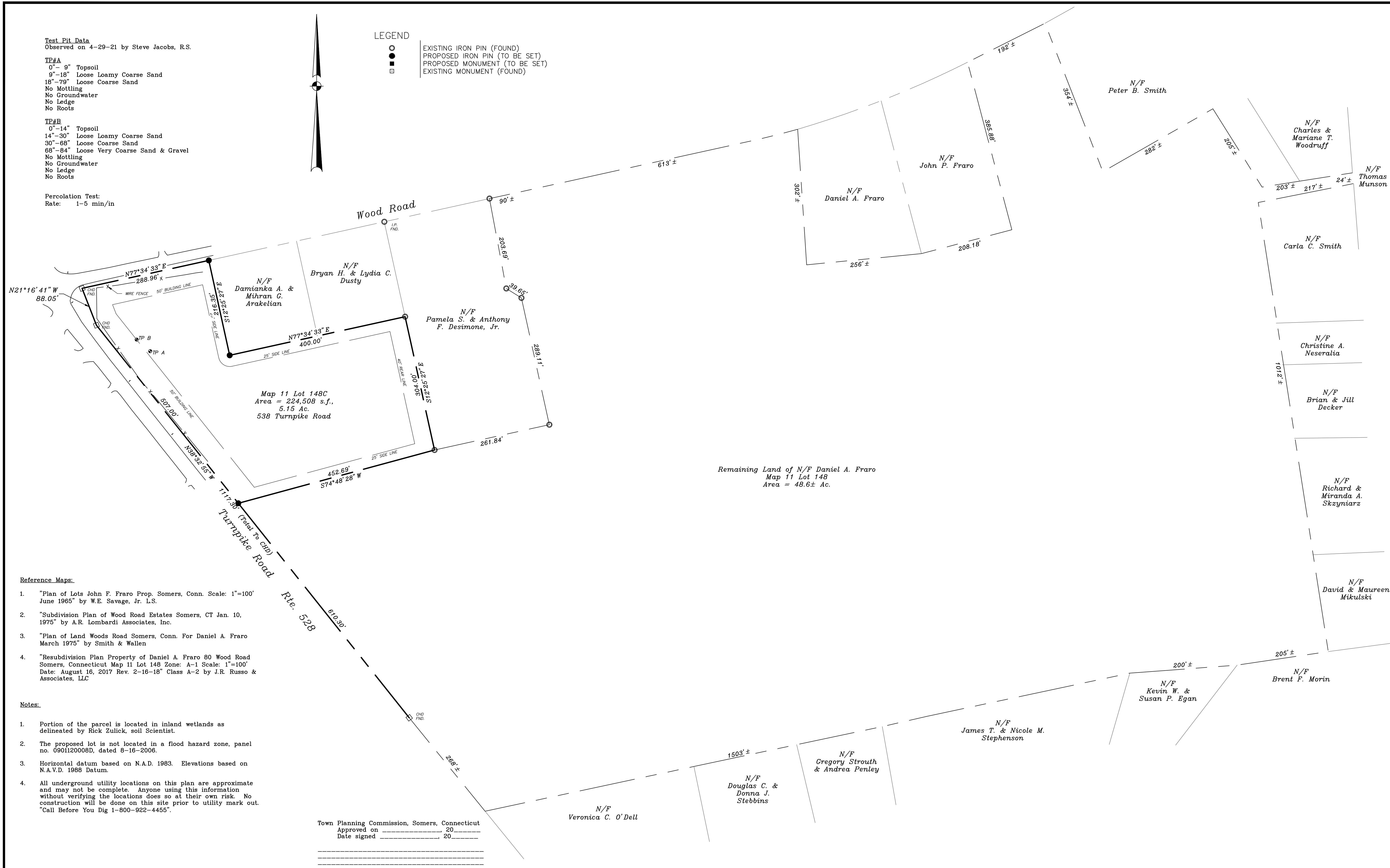
Test Pit Data
Observed on 4-29-21 by Steve Jacobs, R.S.

- TP#A
0"-9" Topsoil
9"-18" Loose Loamy Coarse Sand
18"-79" Loose Coarse Sand
No Mottling
No Groundwater
No Ledge
No Roots
- TP#B
0"-14" Topsoil
14"-30" Loose Loamy Coarse Sand
30"-68" Loose Coarse Sand
68"-84" Loose Very Coarse Sand & Gravel
No Mottling
No Groundwater
No Ledge
No Roots

Percolation Test:
Rate: 1-5 min/in

LEGEND

- EXISTING IRON PIN (FOUND)
- PROPOSED IRON PIN (TO BE SET)
- PROPOSED MONUMENT (TO BE SET)
- EXISTING MONUMENT (FOUND)



Reference Maps:

- "Plan of Lots John F. Fraro Prop. Somers, Conn. Scale: 1"=100' June 1965" by W.E. Savage, Jr. L.S.
- "Subdivision Plan of Wood Road Estates Somers, CT Jan. 10, 1975" by A.R. Lombardi Associates, Inc.
- "Plan of Land Woods Road Somers, Conn. For Daniel A. Fraro March 1975" by Smith & Wallen
- "Resubdivision Plan Property of Daniel A. Fraro 80 Wood Road Somers, Connecticut Map 11 Lot 148 Zone: A-1 Scale: 1"=100' Date: August 16, 2017 Rev. 2-16-18" Class A-2 by J.R. Russo & Associates, LLC

Notes:

- Portion of the parcel is located in inland wetlands as delineated by Rick Zulick, soil Scientist.
- The proposed lot is not located in a flood hazard zone, panel no. 090120006D, dated 8-16-2006.
- Horizontal datum based on N.A.D. 1983. Elevations based on N.A.V.D. 1988 Datum.
- All underground utility locations on this plan are approximate and may not be complete. Anyone using this information without verifying the locations does so at their own risk. No construction will be done on this site prior to utility mark out. "Call Before You Dig 1-800-922-4455".

Town Planning Commission, Somers, Connecticut
Approved on _____, 20____
Date signed _____, 20____

This approval shall expire _____

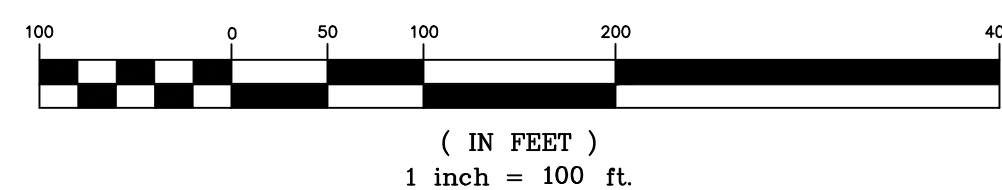
Plan reviewed and found in general compliance with the Somers Subdivision Regulations, as amended and approved by the Town of Somers.

Town Engineering Consultant _____ Date _____

Approved: _____

Town Sanitarian _____ Date _____

GRAPHIC SCALE



- The rear portion shown as Lot 148 was compiled from other maps, record research and/or other sources of information. It is not to be construed as having been obtained as the result of a field survey, and is subject to such change as an accurate field survey may disclose.
- Lot 148C is a property survey based on an original survey and conforms to horizontal accuracy class A-2;

This document and copies thereof are valid only if they bear the live signature and embossed seal of the designated professional. Unauthorized alterations render any declaration hereon null and void.

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.



REVISIONS

BY: LF/TAC	CHK: JEU
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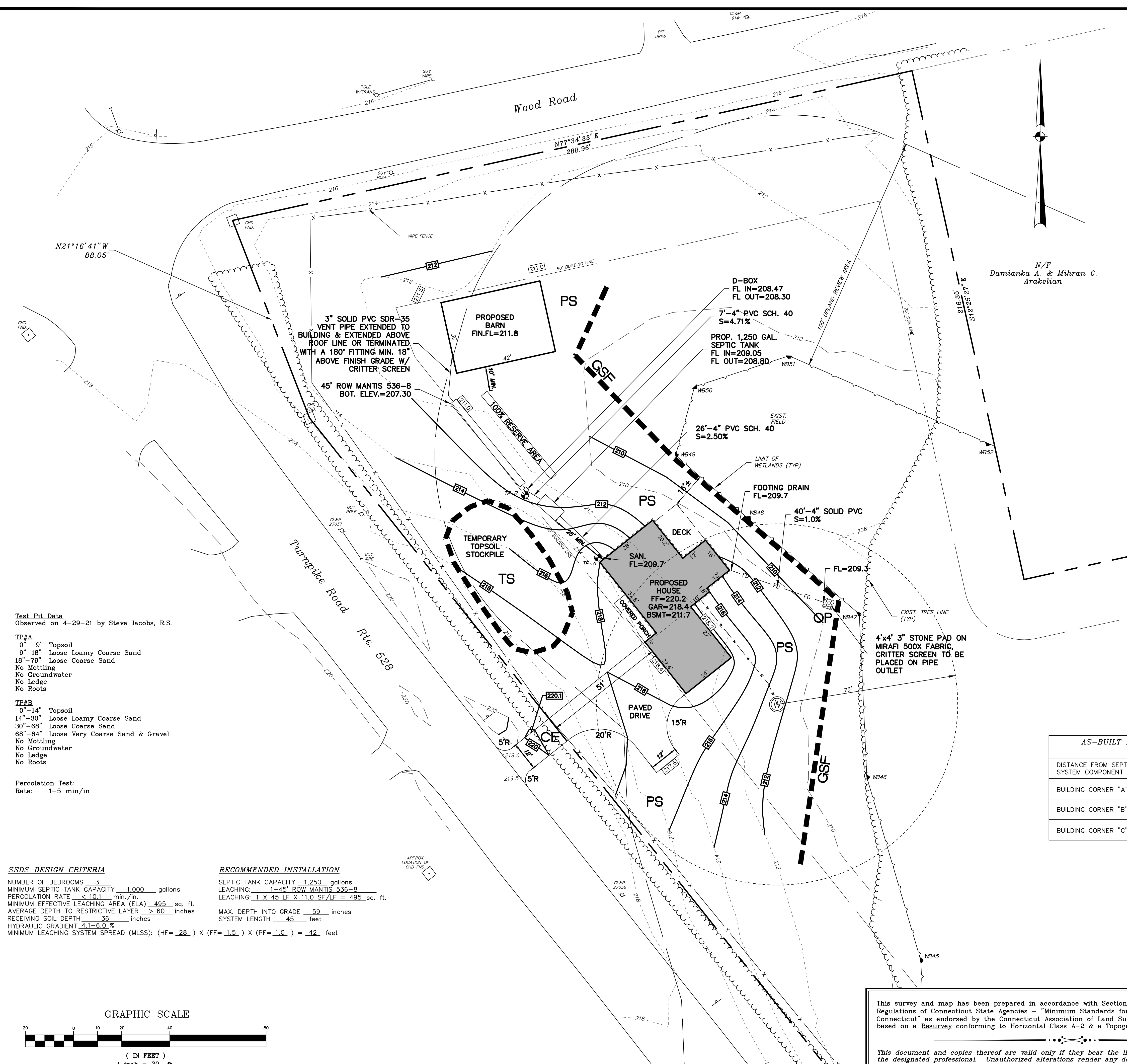
Prepared For
T-Square Builders LLC
Turnpike Road & Wood Road
Somers, Connecticut
Map 11 Lot 148 Zone: A-1

Resubdivision Plan

DATE	8-25-21
SCALE	1"=100'
JOB NUMBER	2021-030
SHEET	3 of 5

S:\Acad\2021\Civil\3D\2021-030 T-Square Turnpike Rd\Russos Drawings\2021-030.dwg, 1:1

S:\Acad\2021\Civil\3D\2021-030 T-Square Turnpike Rd\Russco Drawings\2021-030.dwg, 1:1



- Reference Maps:**
- "Plan of Lots John F. Fraro Prop. Somers, Conn. Scale: 1"=100' June 1965" by W.E. Savage, Jr. L.S.
 - "Subdivision Plan of Wood Road Estates Somers, CT Jan. 10, 1975" by A.R. Lombardi Associates, Inc.
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 - "Resubdivision Plan Property of Daniel A. Fraro 80 Wood Road Somers, Connecticut Map 11 Lot 148 Zone: A-1 Scale: 1"=100' Date: August 16, 2017 Rev. 2-16-18" Class A-2 by J.R. Russo & Associates, LLC

- Notes:**
- Portion of the parcel is located in inland wetlands as delineated by Rick Zulick, soil Scientist.
 - The proposed lot is not located in a flood hazard zone, panel no. 0901120008D, dated 8-16-2006.
 - Horizontal datum based on N.A.D. 1983. Elevations based on N.A.V.D. 1988 Datum.
 - All underground utility locations on this plan are approximate and may not be complete. Anyone using this information without verifying the locations does so at their own risk. No construction will be done on this site prior to utility mark out. "Call Before You Dig 1-800-922-4455".
 - Foundation dimensions as shown on this plan are for site design purposes only. Foundation Contractor will use Architectural plans for layout and construction of the building(s) foundation.

LEGEND

	EXISTING UTILITY POLE
	PROPOSED WATER LINE
	EXISTING IRON PIN (FOUND)
	PROPOSED IRON PIN (TO BE SET)
	EXISTING SPOT GRADE
	PROPOSED SPOT GRADE
	EXISTING CONTOUR
	PROPOSED CONTOUR
	EXISTING TREELINE
	LIMIT OF WETLANDS
	PROPERTY LINE
	BUILDING LINE
	STAKED HAYBALES OR SILT FENCE
	PERC TEST
	TEST PIT

EROSION & SEDIMENT CONTROL PLAN KEY

PS	PERMANENT SEEDING
TS	TEMPORARY SEEDING
CE	CONSTRUCTION ENTRANCE
GSF	GEOTEXTILE SILT FENCE
OP	OUTLET PROTECTION

AS-BUILT LOCATION OF SUBSURFACE SEWAGE DISPOSAL SYSTEM (SSDS)
(TO BE MEASURED BY INSTALLER PRIOR TO BACKFILLING)

DISTANCE FROM SEPTIC SYSTEM COMPONENT	1	2	3	4	5	6	7	8	9	10
BUILDING CORNER "A"										
BUILDING CORNER "B"										
BUILDING CORNER "C"										

Test Pit Data
Observed on 4-29-21 by Steve Jacobs, R.S.

TP#A
0"-9" Topsoil
9"-18" Loose Loamy Coarse Sand
18"-79" Loose Coarse Sand
No Mottling
No Groundwater
No Ledge
No Roots

TP#B
0"-14" Topsoil
14"-30" Loose Loamy Coarse Sand
30"-68" Loose Coarse Sand
68"-84" Loose Very Coarse Sand & Gravel
No Mottling
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No Ledge
No Roots

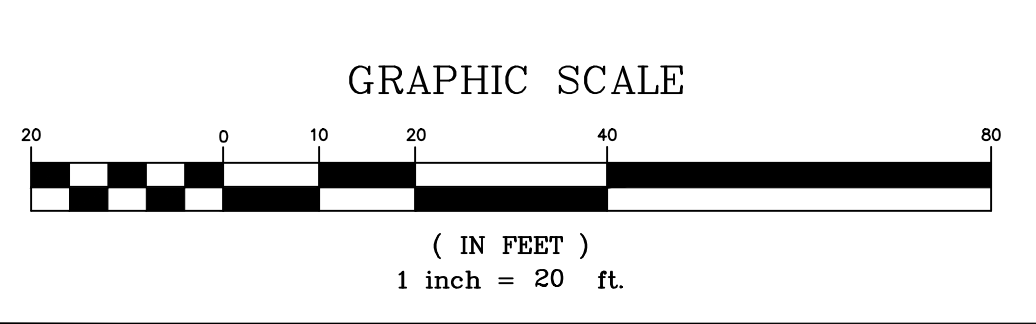
Percolation Test:
Rate: 1-5 min/in

SSDS DESIGN CRITERIA

NUMBER OF BEDROOMS 3
MINIMUM SEPTIC TANK CAPACITY 1,000 gallons
PERCOLATION RATE < 10.1 min./in.
MINIMUM EFFECTIVE LEACHING AREA (ELA) 495 sq. ft.
AVERAGE DEPTH TO RESTRICTIVE LAYER > 60 inches
RECEIVING SOIL DEPTH 36 inches
HYDRAULIC GRADIENT 4.1-6.0 %
MINIMUM LEACHING SYSTEM SPREAD (MLSS): (HF= .28) X (FF= 1.5) X (PF= 1.0) = 42 feet

RECOMMENDED INSTALLATION

SEPTIC TANK CAPACITY 1,250 gallons
LEACHING: 1-45' ROW MANTIS 536-8
LEACHING: 1 X 45 LF X 11.0 SF / F = 495 sq. ft.
MAX. DEPTH INTO GRADE 59 inches
SYSTEM LENGTH 45 feet



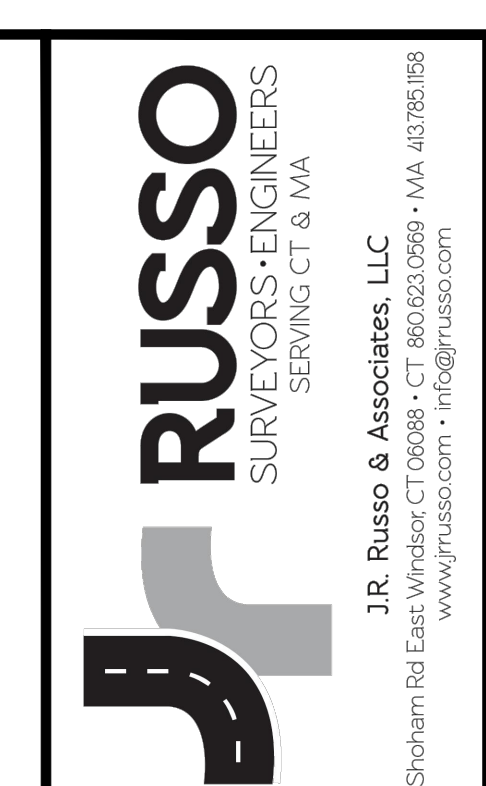
This survey and map has been prepared in accordance with Sections 20-300b-1 thru 20-300b-20 of the Regulations of Connecticut State Agencies - "Minimum Standards for Surveys and Maps in the State of Connecticut" as endorsed by the Connecticut Association of Land Surveyors, Inc. It is a Property Survey based on a Resurvey conforming to Horizontal Class A-2 & a Topographic Survey conforming to Class T-2.

This document and copies thereof are valid only if they bear the live signature and embossed seal of the designated professional. Unauthorized alterations render any declaration hereon null and void.

I certify that the Inland Wetlands and Watercourse boundary line(s) as shown on this map is substantially correct.

Richard Zulick, Soil Scientist

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.



REVISIONS

NO.	DATE	DESCRIPTION

Prepared For
T-Square Builders LLC
Turnpike Road & Wood Road
Somers, Connecticut
Map 11 Lot 148 Zone: A-1

Septic System Plan

DATE	8-25-21
SCALE	1"=20'
JOB NUMBER	2021-030
SHEET	4 of 5

SUBSURFACE SEWAGE DISPOSAL SYSTEM (SSDS) NOTES:

GENERAL

This system is designed for a 3 bedroom house. Any increase in the number of bedrooms or the installation of a large capacity discharge type bathtub/jacuzzi (over 100 gallon capacity) will require a septic system redesign by the design engineer.

The soil test results and soil types apply only to the test holes shown and may not be the same for other areas on the site. Soil type, grade and various elevations must be verified by owner or contractor over the entire leaching area during construction.

Foundation dimensions shown on this plan are for site design purposes only. The foundation contractor shall use architectural plans for layout and construction of the building(s) foundation.

Location of existing utilities shown on this plan are approximate and may not be complete, contractor must call before digging for verification 1-800-922-4455.

The SSDS installation must conform to local and state Health Department requirements. Any deviation from the SSDS design as shown hereon must be approved by the design engineer prior to construction.

LOCATION

All parts of the SSDS shall be at least 10 feet from all property lines. In addition, the primary leaching system shall be at least 25 feet from a downgradient property line when MLSS applies.

Non-perforated drainage pipe shall be at least 25 feet from the SSDS unless constructed of gasketed tight pipe as listed on Table 2-C of the Technical Standards of the CT Public Health Code.

Potable water and/or irrigation lines which flow under pressure shall be at least 10 feet from the SSDS.

Utility service trenches (underground electric, gas, phone services, etc.) shall be at least 5 feet from the SSDS. When a utility trench is backfilled with free draining material (M.02.07), this distance shall be increased to 25 feet.

The as-built location of the SSDS shall be measured and recorded by the installer prior to backfilling. Copies of the as-built shall be provided to the local Health Department official and the design engineer.

PIPING

Piping from the building to the septic tank shall be 4" PVC Schedule 40 or approved equal and laid at a minimum slope of 1/4" per foot. Piping leaving the septic tank to the distribution box shall be 4" PVC SDR-35 or approved equal and laid at a minimum slope of 1/8" per foot.

Cleanouts are required every 75 feet from the building to the septic tank and where a cumulative change in direction greater than 45 degrees occurs, unless a 90 degree (36" radius) sweep is utilized per Table No. 2 of the Technical Standards of the CT Public Health Code.

SEPTIC TANK

Septic tank capacity shall be at least 250 gallons per bedroom and no less than 1,000 gallons. Garbage grinders are not recommended but if installed, add 250 gallons to required tank capacity.

Septic tanks shall include minimum 17-inch diameter access holes with removable covers directly over the inlet and outlet pipes. If a tank access hole is more than 12 inches below finished grade, provide 24-inch diameter riser with manhole frame & cover to within 12 inches of finished grade.

All newly installed tanks shall have an approved non-bypass effluent filter at the outlet. A list of approved outlet filters can be found in Appendix B of the Technical Standards of the CT Public Health Code.

LEACHING SYSTEM

The contractor is required to use care during construction to keep the leaching area undisturbed until it is staked and approved for installation by the design engineer or Health Department Official.

The bottom of the leaching system must be at least 18 inches above the maximum ground water level and four feet above ledge rock. Whenever the design percolation rate is faster than one inch per minute, the minimum separation to maximum groundwater must be increased to 24 inches, and the minimum separation above ledge rock shall be increased to eight feet or distances shall be doubled from any well in accordance with Table No. 1, Item A of the Technical Standards of the CT Public Health Code.

The ground surface over the entire SSDS shall be graded and maintained to lead surface water away from the area. Leaching systems shall be covered with a minimum of 6 inches of soil and seeded to prevent erosion over and adjacent to the system.

Select (septic) fill placed within and adjacent to leaching system areas shall be clean sand, or sand and gravel, free from organic matter and foreign substances. The select fill shall contain no material larger than 3/8 inch, and up to 45% of the dry weight may be retained on the #4 sieve.

Table with 3 columns: Sieve Size, % Passing Wet Sieve, % Passing Dry Sieve. Rows for #4, #10, #20, #40, #100, #200 sieves.

Material that does not meet the dry sieve gradation, is still acceptable if it meets either of the wet sieve gradations above.

Distribution boxes shall be placed level in undisturbed soil or compacted gravel to below frost line.

PERMANENT SEEDING (PS)

SPECIFICATIONS

Seeding sites in Connecticut are normally April 1 through June 15 and August 15 through October 1. Spring seedings give the best results and spring seedings of all mixtures is recommended.

Grades in accordance with the Land Grading measure which is in the Connecticut Guidelines For Soil Erosion and Sediment Control latest edition.

Install all necessary surface water controls.

For areas to be mowed remove all surface stones 2 inches or larger. Remove all other debris such as wire, cable, tree roots, pieces of concrete, clods, lumps, or other unsuitable material.

Seed Selection and Quantity: Select a seed mixture appropriate to the intended use and soil conditions from Figure PS-2 and Figure PS-3 in the Connecticut Guidelines For Soil Erosion and Sediment Control latest edition or use mixture recommended by the NRCS.

Seedbed Preparation: Apply topsoil, if necessary, in accordance with the Topsoiling measure which is in the Connecticut Guidelines For Soil Erosion and Sediment Control latest edition.

Apply ground limestone and fertilizer according to soil test recommendations (such as those offered by the University of Connecticut Soil Testing Laboratory or other reliable source).

Where soil testing is not feasible on small or variable sites, or where timing is critical, fertilizer may be applied at the rate of 300 pounds per acre or 1.5 pounds per 1,000 square feet of 10-10-10 or equivalent and limestone at 4 tons per acre or 200 pounds per 1,000 square feet.

Work time and fertilizer into the soil to a depth of 3 to 4 inches with a disc or other suitable equipment.

Inspect seedbed just before seeding. If the soil is compacted, crusted or hardened, scarify the area prior to seeding.

Seed Application: Apply selected seed at rates provided in Figure PS-3 (in the Connecticut Guidelines For Soil Erosion and Sediment Control latest edition) uniformly by hand, cyclone seeder, drill, cultipacker type seeder or hydroseeder (slurry including seed, fertilizer). Normal seeding depth is from 0.25 to 0.5 inch. Increase seeding rates by 10% when hydroseeding or frost crack seeding. Seed warm season grasses during the spring period only.

Maintenance: See guidelines in the M.M. For Seed measures.

MAINTENANCE: Inspect temporary soil protection area at least once a week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inch or greater during the first growing season.

Where seed has been mowed or where soil erosion has occurred, determine the cause of the failure and repair as needed.

GEOTEXTILE SILT FENCE (GSF)

SPECIFICATIONS

Materials: Geotextile fabric shall be a pervious sheet of polypropylene, nylon, polyester, ethylene or similar filaments and shall be certified by the manufacturer or supplier as conforming to the requirements shown in Figure GSF-1 in the Connecticut Guidelines For Soil Erosion and Sediment Control latest edition.

Placement: For vertical slopes: Locate 5-10 feet down gradient from the toe of slope, generally on the contour with maintenance and sediment removal requirements in mind. When the contour can not be followed install the fence such that perpendicular wings are created to break the velocity of water flowing along the fence.

Swales: Locate "U" shape across swale such that the bottom of both ends of the fence are higher than the top of the lowest section of the fence.

Catch Basin in Swale Slopes: Locate 2 "U" shapes across swale as shown: one immediately up slope from the catch basin and the other immediately down slope from the catch basin.

Culvert Inlets: Locate in a "U" shape approximately 6 feet from the culvert in the direction of the incoming flow.

Culvert Outlets: Locate across the swale at least 6 feet from the culvert outlet.

Trench Excavation: Excavate a trench a minimum of 6 inches deep and 6 inches wide on the up slope side of the fence location. For slope and swale installations, extend the end of the trench sufficiently up slope such that bottom end of the fence will be higher than the top of the lowest portion of the fence.

When the fence is not to be installed on the contour, excavate wing trenches spaces at the intervals given in Figure GSF-2 in the Connecticut Guidelines For Soil Erosion and Sediment Control latest edition.

Support Posts: Drive support posts on the down slope side of the trench to a depth of at least 12 inches into original ground.

Never install support posts more than 10 feet apart. Install support posts closer than 10 feet apart when concentrated flows are anticipated or when steep contributing slopes and soil conditions are expected to generate larger volumes of sediment.

Geotextile Filter Fabric: Staple or secure the geotextile to the support posts per manufacturer's instruction such that at least 6 inches of geotextile lies within the trench, the height of the fence does not exceed 30 inches and the geotextile is foot between the posts.

In the absence of manufacturer's instructions, space wire staples on wooden stakes at a maximum of 4 inches apart and alternate their position from parallel to the axis of the stake to perpendicular.

Do not staple the geotextile to living trees.

Provide reinforcement for the fence when it can be exposed to high winds.

Backfill & Compaction: Backfill the trench with tamped soil or aggregate over the geotextile. When the trench is obstructed by a stone, tree root, etc. make sure the bottom of the geotextile lies horizontal on the ground with the resulting flap on the up slope side of the geotextile and bury the flap with 6 inches of tamped soil, or aggregate.

MAINTENANCE: Inspect the silt fence at least once a week and within 24 hours of the end of a storm with rainfall amount of 0.5 inch or greater to determine maintenance needs. When used for dewatering operations, inspect frequently before, during and after pumping operations.

Remove the sediment deposits or, if room allows, install a secondary silt fence up slope of the existing fence when sediment deposits reach approximately one half the height of the existing fence.

Repair or repair the fence within 24 hours of observed failure. Failure of the fence has occurred when sediment falls to be retained by the fence because:

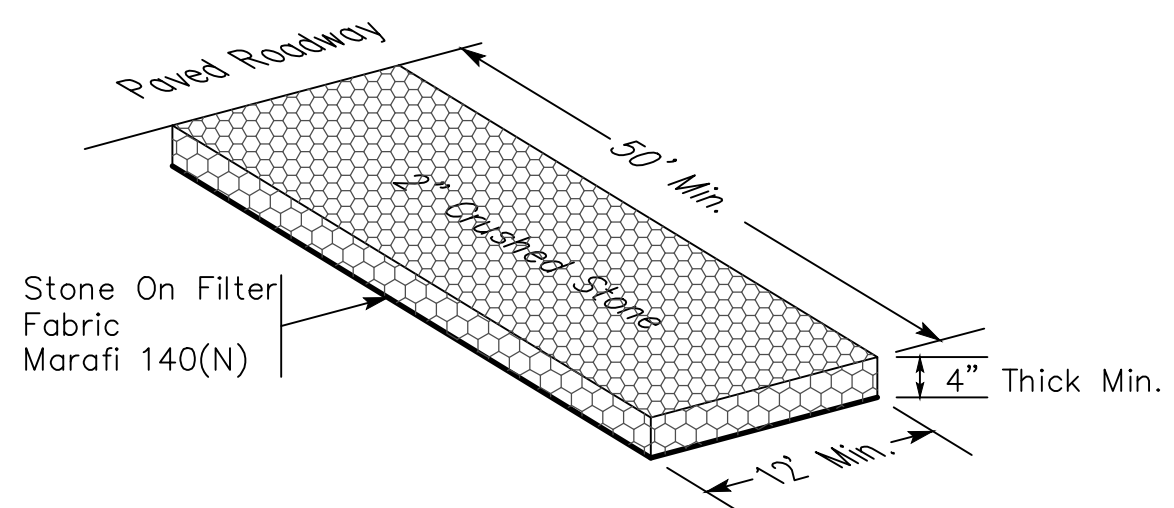
- (a) the fence has been overtopped, undercut or bypassed by runoff water;
(b) the fence has been moved out of position (knocked over); or
(c) the geotextile has decomposed or been damaged.

Maintain the fence until the contributing area is stabilized.

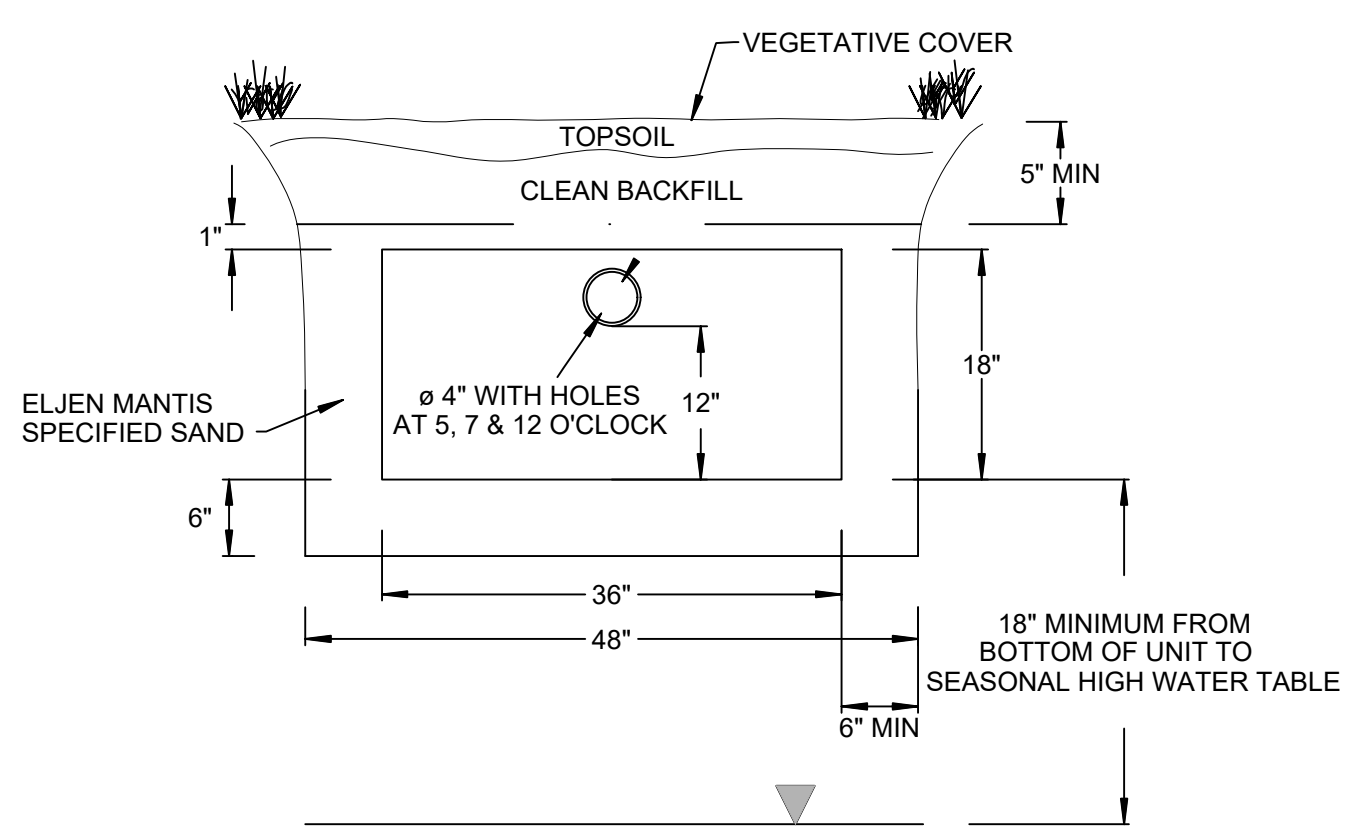
All fill areas shall be compacted sufficiently for their intended purpose and as required to reduce slipping, erosion or excess saturation. Fill intended to support buildings, structures, conduits, etc., shall be compacted in accordance with local requirements or codes.

Topsoil is to be stripped and stockpiled in amounts necessary to complete finished grading of all exposed areas requiring topsoil. The stockpiled topsoil is to be located as designated on the plans and ringed with hay bale barrier or geotextile silt fence. The stockpiled topsoil shall be temporarily seeded at 1/2 inch to 1 inch more than 30 days topsoil shall not be placed where it is frozen or muddy condition, when the substrate is excessively wet, or in a condition that may otherwise be detrimental to proper grading or proposed sodding or seeding.

There is to be no stockpiling of soil within a ten foot limit of adjoining properties. Any and all fill material is to be free of brush, rubbish, timber, logs vegetative matter and stumps in amounts that will be detrimental to constructing stable fills. Maximum side slopes of exposed surfaces of earth to be 3:1 or as otherwise specified by local authorities.

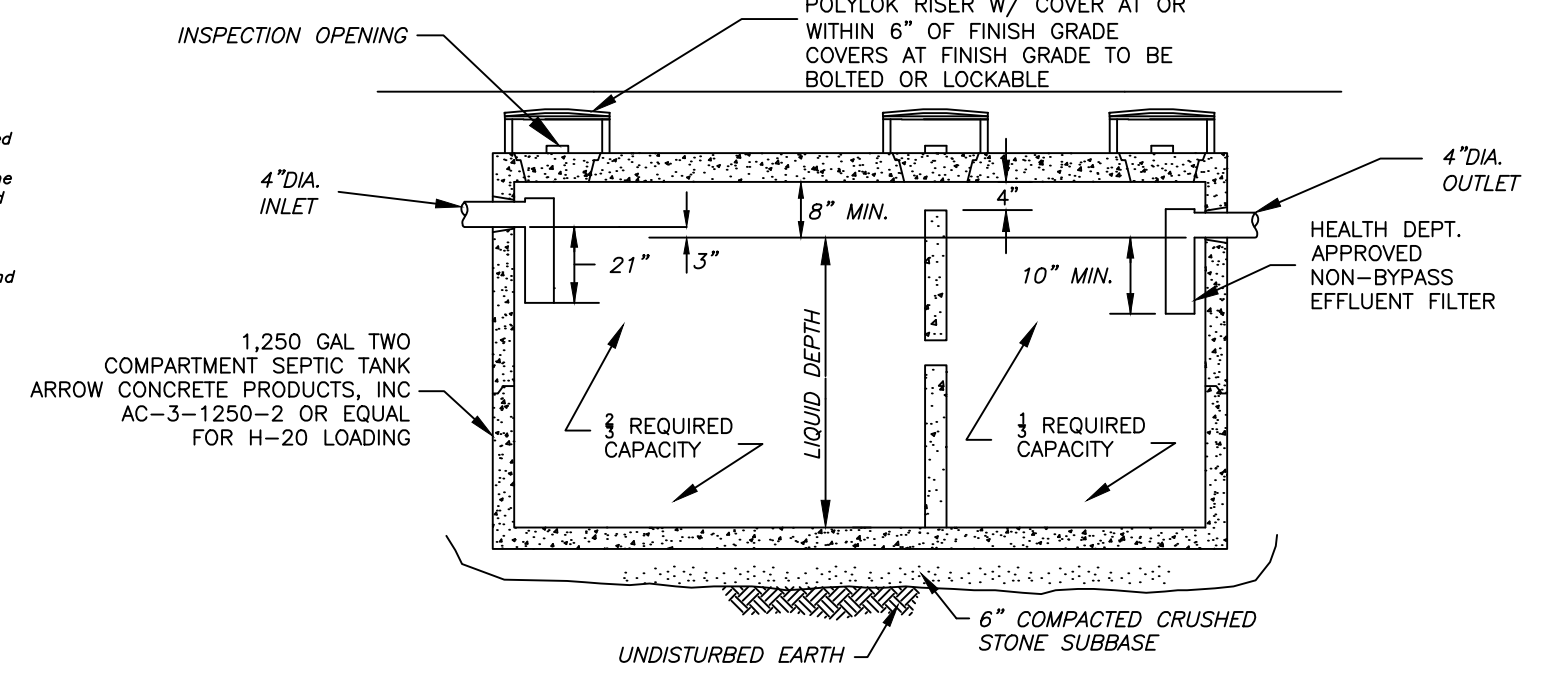


ANTI-TRACKING EXIT PAD DETAIL (CE)



NOTE: VENTING REQUIRED WHEN MORE THAN 18" OF COVER AS MEASURED FROM THE TOP OF THE UNIT TO FINISHED GRADE

MANTIS 536-8 SECTION



1,250 GAL TWO COMPARTMENT SEPTIC TANK

CHECKLIST FOR EROSION CONTROL PLAN

PROJECT: Re-subdivision
LOCATION: Turnpike Road & Wood Road, Somers, Connecticut
PROJECT DESCRIPTION: Single Family Home
PARCEL AREA: 5.26 Acres
RESPONSIBLE PERSONNEL: T-Square Builders (860) 729-2258
EROSION AND SEDIMENT CONTROL PLAN PREPARER: J.R. Russo & Associates, LLC

Table with 5 columns: Work Description, Location, Date Installed, Initials, Date Removed. Includes entries for 'Install construction entrance' and 'Install haybales or sediment barrier'.

Table with 4 columns: Location, Description or Number, Date, Initials. Includes entries for 'Project Dates' and 'Date of final stabilization'.

NARRATIVE

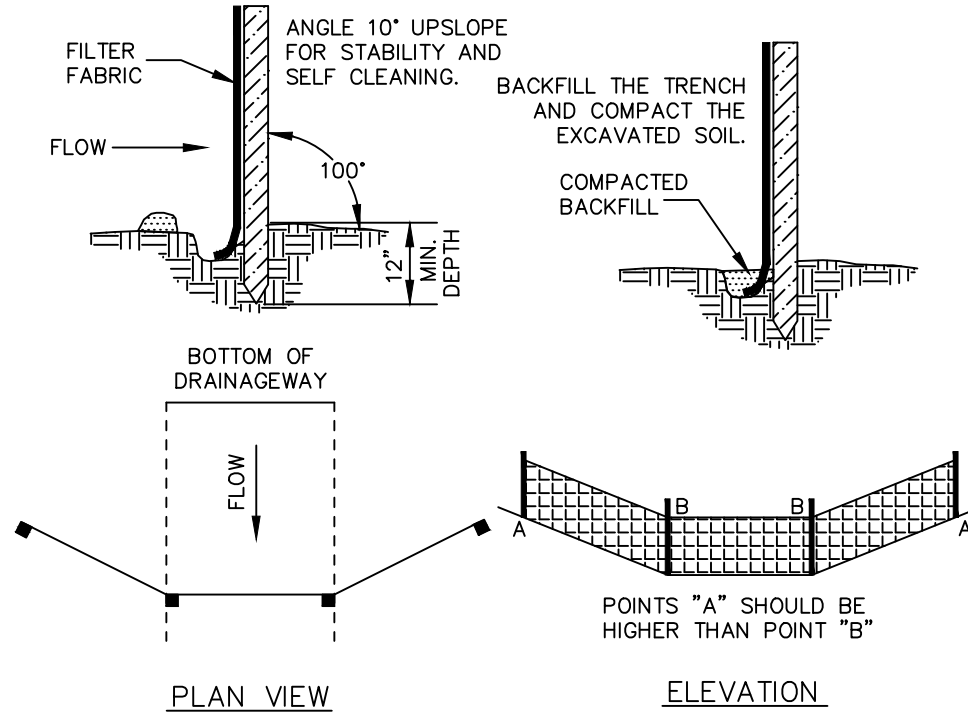
This project is located southeast of the intersection of Turnpike Road and Wood Road in Somers, Connecticut. The proposed activity is the construction of a single family home. The lot is to be served by a septic system and private well.

The suggested schedule of construction activities for the individual house lot is as follows:

- 1. Install silt fence and construction entrance.
2. Strip and stockpile topsoil.
3. Rough grade driveway and around the building.
4. Excavate and install building foundation.
5. Install utilities as shown on plan.
6. Complete grading of driveway.
7. Complete construction of the building and pave driveway apron/driveway.
8. Fine grade remaining disturbed areas and establish vegetation.
9. Remove silt fence after permanent vegetation has been established.

The timing of construction of the house sites will be dictated by the housing market.

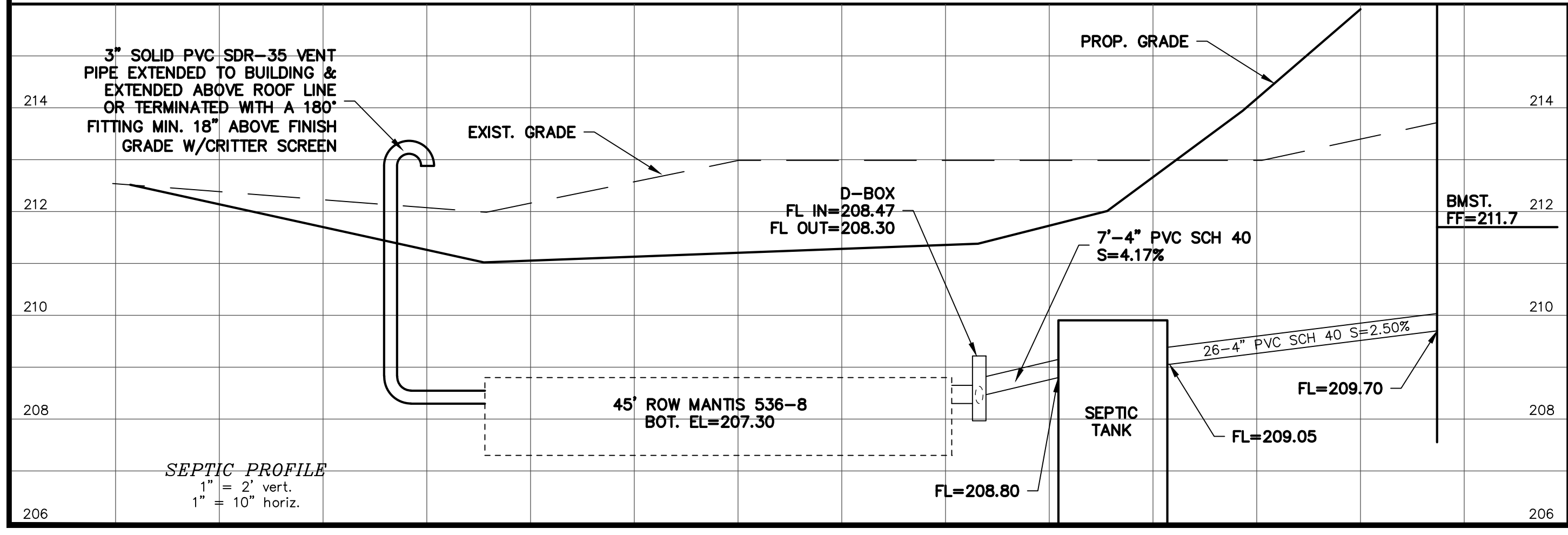
The contractor shall keep the area of disturbance to a minimum and establish exposed soils as soon as practical. All soil and erosion control measures shall be installed and maintained in accordance with these plans and the 'Guidelines for Soil Erosion and Sediment Control'. The contractor shall notify the Engineer of any discrepancies.



PLACEMENT & CONSTRUCTION OF A SYNTHETIC FILTER BARRIER

NOT TO SCALE

S:\Acad\2021_Civil_3D\2021-030 T-Square Turnpike Rd\Russos Drawings\2021-030.dwg, 1:1



RUSSO SURVEYORS-ENGINEERS SERVING CT & MA. J.R. Russo & Associates, LLC. 11 Shaham Rd East Windsor CT 06028 - CT 860.623.0269 - MA 483.780.1898

Table with 5 columns: Revision Number, Description, By, Date. Includes a 'REVISIONS' header.

BY: LF/TAC CHK: JEU

Prepared For T-Square Builders LLC Turnpike Road & Wood Road Somers, Connecticut Map 11 Lot 148 Zone: A-1

Table with 2 columns: Field Name, Value. Includes DATE (8-25-21), SCALE (1"=20'), JOB NUMBER (2021-030), and SHEET (5 of 5).