



TOWN OF PUTNAM

TOWN HALL
200 SCHOOL STREET
PUTNAM, CONNECTICUT 06260

Inland Wetland Commission Meeting
Hybrid Meeting
December 14, 2022 7:00 P.M.
Municipal Complex Room 201 Second Floor

Agenda

1. Call to Order & Roll Call:
2. Review minutes of the November 9, 2022 meeting. VOTE REQUIRED
3. Review minutes of the November 30, 2022 special meeting. VOTE REQUIRED
4. Correspondence:
5. Public Participation:
6. Unfinished Business: - (Review/Discussion/Action)

Application # 2022-12 Nicholas Barry – 257 Heritage Road – Single Family Residence

7. New Business: - (Review/Discussion/Action)

*If the application is complete the Commission shall decide if a public hearing and/or site walk
Should be held on each application and continue further action until the next month's meeting.
The commission may also delegate to its duly authorized agent.*

D. Applications Received After Agenda was Published: - (Review/Discussion/Action)

8. Other Business: POSSIBLE VOTE REQUIRED

A. Agent Report

9. Comments By Commissioners:

10. Adjournment.



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Inland Wetland Commission Meeting
Hybrid Meeting
December 14, 2022 7:00 P.M.
Municipal Complex Room 201 Second Floor

Join Zoom Meeting

<https://us06web.zoom.us/j/89171652669?pwd=TnBmWGh0YUNlUTk0M1J4UVJNdkdKZz09>

Meeting ID: 891 7165 2669

Passcode: gmj9Hz

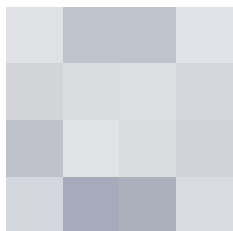
Dial by your location

+1 929 205 6099 US (New York)

Meeting ID: 891 7165 2669

Passcode: 390439

Find your local number: <https://us06web.zoom.us/j/kcx95S9bTa>



TOWN OF PUTNAM

TOWN HALL
200 SCHOOL STREET
PUTNAM, CONNECTICUT 06260

Inland Wetland Commission Meeting Minutes
Hybrid Meeting
November 9, 2022 7:00 P.M.
Municipal Complex Room 201 Second Floor

Agenda:

Present: Adam Paquin-Chairman, Walter Irwin, Mike Bogdanski, Cynthia Dunne, Shannon O'Shea, acting alternate

Absent: Theodore Altmeier, Christine Maine (Alternate)

Opened public hearing on Application 2022—09 Putnam River Road, LLC & 285 River Road, LLC request for an 11 lot Subdivision for properties located at 357 River Road, Town Assessors Map 043, Lot 010, Zoned Agricultural-2 and 285 River Road, Town Assessors Map 043 Lot 005, Zoned Agricultural-2. Development will include the excavation of gravel to create two permanent ponds.

Attorney Andrew McCoy was present. Attorney Harry Heller, David Held, Provost & Rovero and Wayne Bugden, Geologist reviewed the plans page by page with the Commission members. Area residents in attendance totaled 26. Peter McMorris 341 River Road questioned the ability of the groundwater flow reaching carpenter brook as shown on the plan and why the test borings on wells 4,5, & 6 were taken during the drought back in February of 2021 versus when it is wet. He questioned if the applicant had an alternative plan that would not create any harm. He read into the record greenways and how they are referenced in the 2005 Plan of Conservation and Development. It was of his opinion that the subdivision plan does not meet the 2005 Plan of Conservation and Development. Donna McMorris 341 River Road spoke in strong opposition stating there is all types of activity presently taking place in her neighborhood and does not want the subdivision questioning how the wetlands are being protected. She explained how it is wet out there in every season. Kenneth Haggerty of 363 Modock Road abuts the proposed lot 7 and stated that it is never dry.

Motion by Shannon O'Shea to continue the public hearing, second by Walter Irwin. ALL WERE IN FAVOR.

Motion by Walter Irwin to hold a Special Meeting on November 30, 2022 at 6:00 P.M. to continue the public hearing, second by Shannon O'Shea. ALL WERE FAVOR.

Regular Meeting:

Review minutes of the October 12, 2022 meeting.

Motion by Mike Bogdanski to accept the minutes, second by Cynthia Dunne. ALL WERE IN FAVOR.

Correspondence: None

Public Participation: No additional

Unfinished Business:

Application 2022-11 Vachon Putnam, LLC – 139 Pomfret St. – Dealership Expansion, Parking Modifications, Stormwater Modifications

Norm Thibeault of Killingly Engineering briefly went over the amended plan showing the extension of the basin on the westerly side of the vehicle display area where the discharge will be treated.

Motion by Mike Bogdanski to approve, second by Walter Irwin. ALL WERE IN FAVOR.

New Business:

Application # 2022-09 285 River Road LLC – Putnam River Road LLC & 285 River Road LLC – 11 Lot
Subdivision Public hearing continued to November 30, 2022
at 6:00 P.M. in Room 109 at the Municipal Complex
Public hearing continued to November 30, 2022 at 6:00 P.M.

Applications Received After Agenda was Published: - None

Other Business:

Agent Report:

Bruce Fitzback updated the Commission regarding Dunkin Donuts. New bridge is functional, guard rails will be installed as well as new fencing.

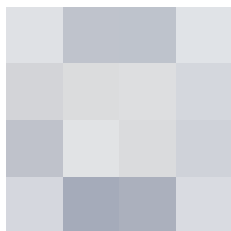
Thai Restaurant has a stop work order from both the Town and CT. D.O.T. for their property located across the street from their restaurant on School Street.

Comments By Commissioners: None

Motion by Mike Bogdanski to adjourn, second by Walter Irwin. ALL WERE IN FAVOR

Respectfully submitted by Brenda Roy.

Please note these minutes have not been accepted by the Commission and will be placed on their next meeting agenda.



TOWN OF PUTNAM

TOWN HALL
200 SCHOOL STREET
PUTNAM, CONNECTICUT 06260
Inland Wetland Commission Special Meeting Minutes
Hybrid Meeting
November 30, 2022 6:00 P.M.
Municipal Complex Room 109 First Floor

Present: Adam Paquin-Chairman, Walter Irwin, Mike Bogdanski, Cynthia Dunne, Theodore Altmeier
Absent: Alternate-Shannon O'Shea, Christine Main

Continued Public Hearing on Application 2022—09 Putnam River Road, LLC & 285 River Road, LLC request for an 11 lot Subdivision and Gravel Excavation for properties located at 357 River Road, Town Assessors Map 043, Lot 010, Zoned Agricultural-2 and 285 River Road, Town Assessors Map 043 Lot 005, Zoned Agricultural-2. Development will include the excavation of gravel to create two permanent ponds. Attorney Heller, David Held of Provost & Rovero and Wayne Bugden, Hydrogeologist were present. Attorney Heller submitted resumes for David Held and Wayne Bugden. David Held submitted an updated soils report and revised plans. Area residents in attendance totaled 20. Donna McMorris and Peter McMorris were present with Attorney Michael Carey. Attorney Carey brought to the attention of the Commission the audience was unable to hear or see the maps. He reviewed his information regarding the application with the Commission. Donna McMorris, Delia Fey, Mark Morin, David Vitale, Lisa Morin, Don Moreau, Lynne Peckham, Steve Faucher, Ken Haggerty, Peter McMorris spoke in opposition. Delia Fey read her letter of concerns into the record and distributed a copy to each Commission member. Bruce Fitzback suggested to the Commission that they ask Attorney Heller for an extension. Attorney Heller stated it was okay and that Attorney Carey was in favor of the extension as well. Attorney Heller will provide a letter to the Commission granting the extension. The Commission members discussed upcoming dates and availability for the continuance of the public hearing.

Motion by Walter Irwin to continue the public hearing to Thursday December 29th at 6:00 P.M., second by Mike Bogdanski. ALL WERE IN FAVOR.

Motion by Cynthia Dunne for a 5-minute recess, second by Walter Irwin. ALL WERE IN FAVOR

Regular Meeting:

Correspondence: None

Public Participation: None

Unfinished Business:

Application 2022-09 285 River Road LLC – Putnam River Road LLC - 285 River Road and
357 River Road– 11 Lot Subdivision and Gravel Excavation
Public hearing continued to December 29, 2022 @ 6:00 P.M.

Comments By Commissioners: None

Bruce Fitzback received an application from Nicholas Barry for a single-family home located at 257 Heritage Road. Motion by Theodore Altmeier to accept the application for next meeting, second by Cynthia Dunne. ALL WERE IN FAVOR.

Motion by Walter Irwin to adjourn at 9:08 P.M., second by Theodore Altmeier. ALL WERE IN FAVOR.

Respectfully submitted by Brenda Roy.

Please note these minutes have not been accepted by the Commission and will be placed on their next meeting agenda.

Topic: Putnam Wetlands Zoom Meeting

Time: Nov 30, 2022 6:00 PM Eastern Time (US and Canada)

Join Zoom Meeting

<https://us06web.zoom.us/j/84894819825?pwd=NDlnbTRValluN2NLNjMzb0RHRGpUZz09>

Meeting ID: 848 9481 9825

Passcode: JB0SRx

+1 929 205 6099 US (New York)

Meeting ID: 848 9481 9825

Phone Passcode: 758740

INLAND WETLAND COMMISSION

APPENDIX A

APPLICATION FOR PERMIT

This application is for the use of inland wetlands and water courses.

The meetings are held on the second Wednesday of every month at 7:00pm in the Town Hall. If an on-site inspection is canceled due to inclement weather, the applicant is asked to call the office at 963-6803 30 minutes before the scheduled inspection to see if or when the inspection will be held.

Name of Applicant Nicholas Barry
Applicant's Address 1090 North Rd, Dayville, CT 06241
Phone # 860-234-3093
Owner of Land Roland Morris
Owner's Address 27 Freeley Park, Pomfret Center, CT 06259
Location and description of proposed activity: 257 Heritage Rd
New Home Construction

Activity & Purpose Code

Please CHECK one in each column that best describes the activity proposed.

<u>Code</u>	<u>Activity Type</u>	<u>Code</u>	<u>Activity Purpose</u>
☐	1 Filling	☐	A Residential Improvement by homeowner
☒	2 Excavation	☒	B New residential development - single family
☐	3 Land Clearing	☐	C New residential development - multi- family/condo
☐	4 Stream Channel	☐	D Commercial/Industrial Uses
☐	5 Stream Stabilization	☐	E Municipal Improvements
☐	6 Stream Clearance	☐	F Utility Company Improvements
☐	7 Culverting	☐	G Agriculture, Forestry or Conservation
☐	8 Und. Grd. Util.	☐	H Wetland Creation/Restoration
☐	9 Roadway Construction	☐	I Storm Water/Flood Control
☐	10 Drainage Improvements	☐	J Erosion/Sediment Control
☐	11 Pond Dredge/Dam Construction	☐	K Recreation/Boating/Navigation
☐	12 Activity Buffer/Set Back Area	☐	L Routine Maintenance
☐	13 Other: Please describe: _____		

INLAND WETLAND COMMISSION

APPENDIX A *Continued*

Project Name (if applicable) _____

Estimate of Linear Footage affecting Wetlands _____

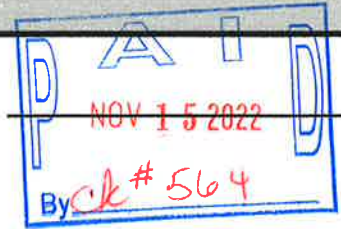
Affected number of acres in which Wetlands are part of
the impacted area for Multi-Family, Condos and
Commercial Development _____

TO BE COMPLETED BY THE COMMISSION

Application Number

2022-13

Date of Receipt



Application Approved (date) _____

Conditions of approval if applicable _____

Application Denied (date) _____

Reason(s) for Denial _____

Signature of Chairman or Secretary of Commission

Date

CASH ONLY IF ALL CheckLock™ SECURITY FEATURES LISTED ON BACK INDICATE NO TAMPERING OR COPYING

NA Barry Builder LLC
1090 NORTH RD
DAYVILLE
860-234-3093

Charter Oak FCU
589 Hartford Pike
Dayville, CT 06241
51-7699/2111

0564

11/14/2022

PAY TO THE
ORDER OF

Town of Putnam

\$ 100.00

One Hundred and 00/100

DOLLARS

PROTECTED AGAINST FRAUD

MEMO 257 Heritage Rd

Nicholas Barry

⑈0005810400017049847304010930180⑈

J & D CIVIL ENGINEERS

401 Ravenelle Road
North Grosvenordale, CT 06255
(860) 923-2920
Jdcivilengineers.com

Rec'd 3:45 11-30-2022

LETTER OF TRANSMITTAL

Date: 11/30/22 Job No. 21130

Attention: Bruce Fitzback

Re: site plan

TO: Putnam Town Hall
Wetlands Department

We are sending you: ☒ Attached ☐ Under Separate Cover via _____ the following items:
☐ Shop Drawings ☐ Prints ☒ Plans ☐ Samples ☐ Specifications
☐ Copy of Letter ☐ Change Order ☐

COPIES	DOCUMENT DATE	SHEET NO.	DESCRIPTION
3	11/30/22	1	Site Development Plan - driveway revision

THESE ARE TRANSMITTED as checked below:

- ☐ For Approval ☐ Approval as submitted ☐ Resubmit _____ copies for approval
☒ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution
☒ As requested ☐ Returned for corrections ☐ Return _____ corrected prints
☐ For review and comment ☐ _____
☐ FOR BIDS DUE _____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS:

COPY TO:

SIGNED: Rebecca Pervo

WASHBURN WETLAND CONSULTING LLC

19 Wolf Den Road • Pomfret Center, Connecticut 06259-2022

Telephone (860) 428-8424 • washburnwetland@gmail.com

Roland Marois
27 Freedley Fork Rd.
Pomfret Center, CT 06259

November 27, 2022

Dear Mr. Marois,

On April 17, 2021, at your request, I conducted a site investigation at 257 Heritage Road in Putnam, CT (Assessors Map 39, Lot 29). The purpose of the site investigation was to determine whether there were any wetlands on the subject property. You were present during the site investigation.

The subject property is located on an area of nearly level to steeply sloping soils formed in glacial till. References used in the soil identification process included *Soil Survey of Windham County Connecticut* (USDA Soil Conservation Service, December 1981), the U.S.G.S. topographic map for the subject property, and Town of Putnam GIS maps. According to Map 20 of the *Soil Survey*, the soils on your property consist of a Woodbridge fine sandy loam, Paxton fine sandy loam, Canton and Charlton fine sandy loams, and Canton and Charlton extremely stony fine sandy loams. Neither the Town GIS maps nor the *Soil Survey* show any wetlands on your property. The site investigation conformed the mapping in the *Soil Survey*.

No wetlands were observed on the subject property. Wetlands were observed on two abutting properties east and northeast of the area where you indicated that a new house would be constructed. The wetlands consist of a wooded shrub swamp bordering on an intermittent watercourse that flows toward the south. The wetlands I observed in this area are not shown on the Town GIS map. Please see that attached map, on which I drew my site sketch. Wetlands are shown in purple on that map.

On Sheet 20 in the *Soil Survey*, the intermittent watercourse on the two abutting properties to the east and northeast is shown flowing south in areas of Woodbridge fine sandy loam and Sutton extremely stony fine sandy loam.

Please see the attached property record cards for the 2 abutting landowners to the east and northeast of your property. During the site investigation, I told you that I could not flag any wetlands on their land without their permission. You agreed to try to obtain permission and later told me neither abutter gave you permission for me to delineate wetlands on their property.

Fortunately, your design engineer firm, J&D Civil Engineers, and I agree that installing and maintaining adequate erosion and sediment controls along your eastern property line in areas where work is proposed near the wetlands on the abutting properties will prevent any erosion or sedimentation. These controls are shown on the Site Development Plan prepared by J&D Civil Engineers, dated July 7, 2021.

It has been a pleasure working for you on this site. Please feel free to call me if I may be of further assistance.

Sincerely,

Margaret Washburn, M.S.

Margaret Washburn, M.S.
Registered Professional Soil Scientist

CC: J&D Civil Engineers

Layers

- ☒ Road Name Text (Census 2010)
- ☒ Parcel Address Text
- ☒ Parcel ID Text
- ☒ Parcel Area Text
- ☒ Parcel Dimension Text
- ☐ Roads (Census 2010)
- ☐ Tax Map Index
- ☐ Town Boundaries
- ☐ Natural Diversity Database (CT DEP)
- ☐ Critical Habitat (CT DEP)
- ☐ Industrial Heritage Overlay
- ☐ Technology Park Overlay
- ☐ Aquifer Protection Area
- ☐ Special Services District
- ☐ PA490 Farm (2015)
- ☐ PA490 Forest (2015)
- ☐ PA490 Open Space (2015)
- ☐ Environmental Records Inventory
- ☐ Zoning
- ☐ Watershed (CT DEP)
- ☐ Protected Open Spaces (CT DEP 2011)
- ☐ Hydrant
- ☐ Sewer Line
- ☐ Drain Line
- ☐ Water Line
- ☐ Trail (CT DEP 2006)
- ☐ Railroad (CT DEP 2010)
- ☐ Elevation Contours 2ft (CT DEP LIDAR)
- ☐ Parcels (Yellow)
- ☒ Parcels (12/1/2021)
- ☐ Building Point (Town c.2001)
- ☐ Building-Large/Commerc. (Town c.2001)
- ☐ Building (~2017 Microsoft)
- ☐ Private Right-of-Way
- ☐ Paper Street
- ☐ Proposed Right-of-Way
- ☐ Easement
- ☐ Pavement Edge
- ☐ Roadway
- ☒ Water Body

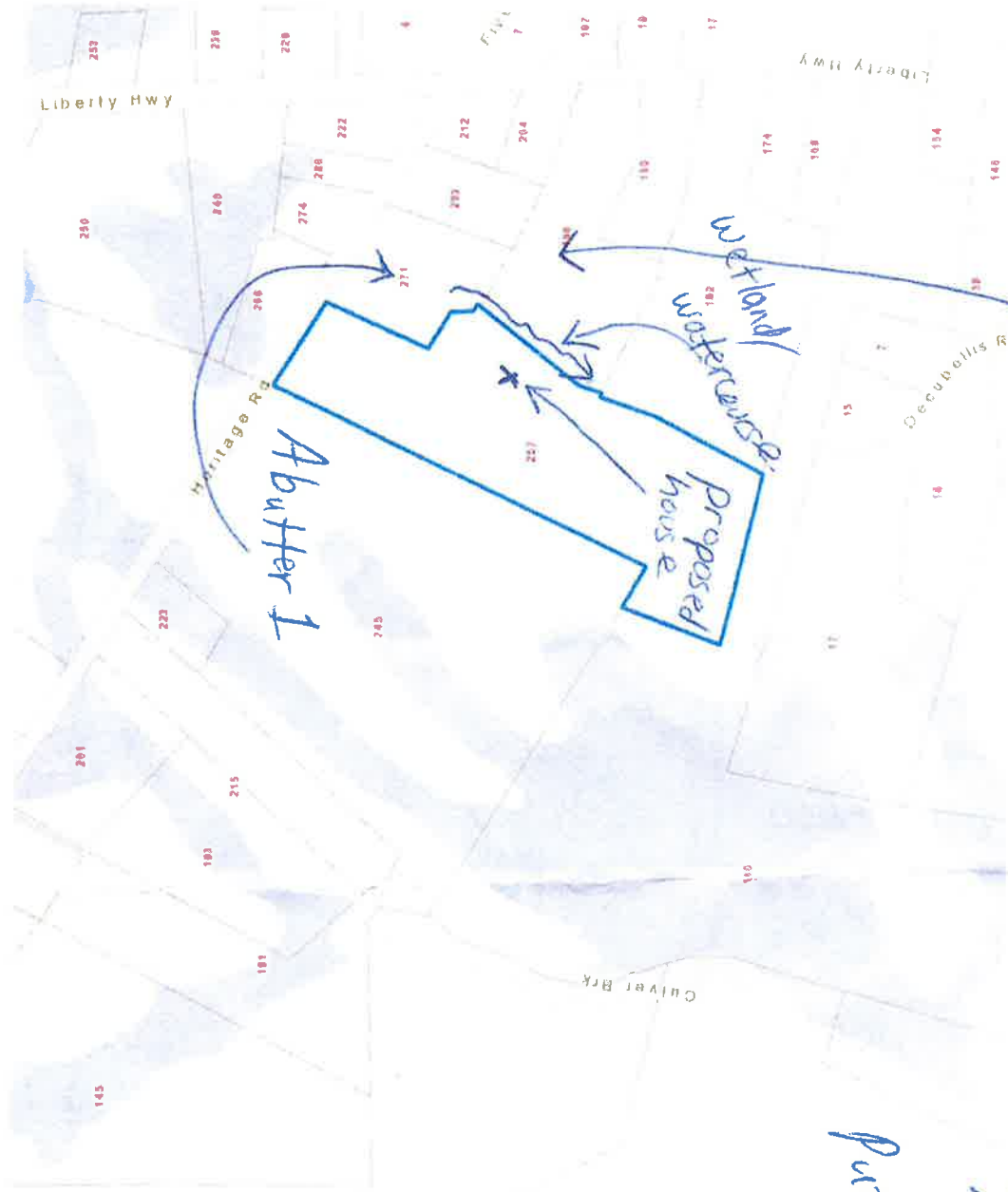


Base Map: Town Base Map Google

Parcel ID: 257 HERITAGE RD Owner:

vt 12. New Features

1: 4183



Property Card: 271 HERITAGE RD

Town of Putnam, CT



Parcel Information

Parcel ID: 039-012-000
Vision ID: 3031
Owner: MILLER ROBERT B
Co-Owner:
Mailing Address: 271 HERITAGE RD
 PUTNAM, CT 06260

Map: 039
Lot: -012
Land Area in Acres: 3.17
Use Description: 1-Family
Zone: R-40
Neighborhood Code: 0050

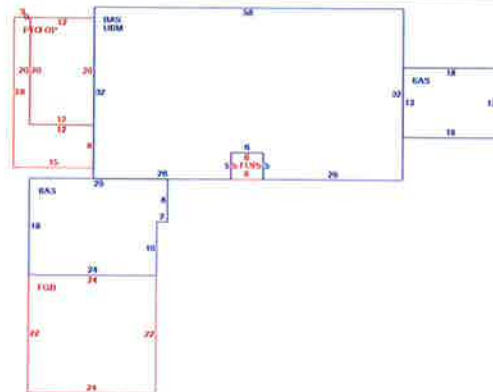
Sale History

Book/Page: 0819/ 0897
Sale Date: 3/23/2018
Sale Price: \$245,000

Assessed Value

Land: \$36,500
Buildings: \$141,600
Extra Bldg Features: \$4,800
Outbuildings: \$0
Total: \$182,900

Building Details: Building # 1



Exterior Details

Building Type: Ranch
Appr. Year Built:
Occupancy: 1
Stories: 1
Roof Cover: Asphalt
Roof Type: Gable/Hip
Ext Wall Desc 1: Wood Shingle
Ext Wall Desc 2:

Building Interior

Living Area: 2508
No. Total Rooms: 8
No. Bedrooms: 3
No. Full Baths: 3
No. Half Baths: 0
Bath Style: Old Style
Kitchen Style: Old Style
Wall Type 1: Plastered
Wall Type 2:
Heat Type: Forced Air-Duc
Heat Fuel: Oil
A/C Type: None



www.cai-tech.com

Data shown on this report is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this report.

Property Card: 196 LIBERTY HWY

Town of Putnam, CT



Parcel Information

Parcel ID: 039-032-000
Vision ID: 3035
Owner: PARK KYONG SOOK CHO
Co-Owner:
Mailing Address: 222 ROUND HILL RD
 GREENWICH, CT 06831

Map: 039
Lot: -032
Land Area in Acres: 6.5
Use Description: 1-Family
Zone: R-40
Neighborhood Code: 0050

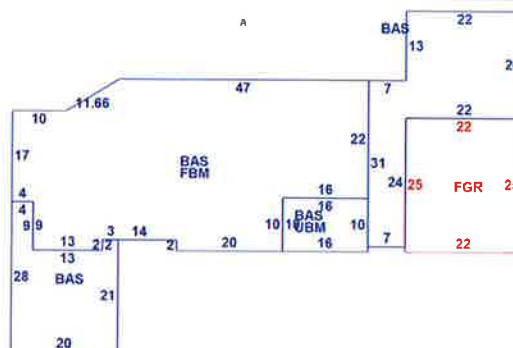
Sale History

Book/Page: 0407/ 0333
Sale Date: 7/26/2002
Sale Price: \$0

Assessed Value

Land: \$42,900
Buildings: \$177,500
Extra Bldg Features: \$3,600
Outbuildings: \$4,700
Total: \$228,700

Building Details: Building # 1



Exterior Details

Building Type: Ranch
Appr. Year Built:
Occupancy: 1
Stories: 1
Roof Cover: Asphalt
Roof Type: Gable/Hip
Ext Wall Desc 1: Aluminum Sidng
Ext Wall Desc 2: Stone/Masonry

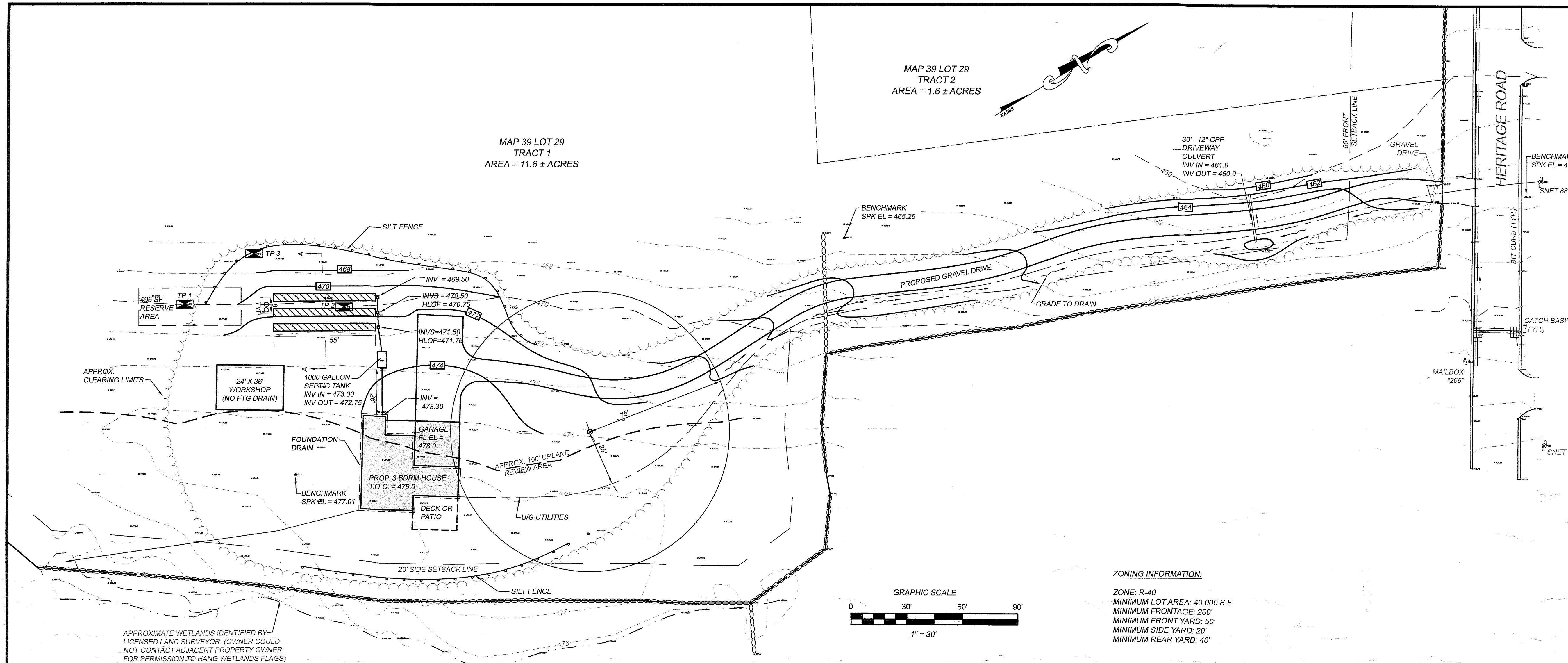
Building Interior

Living Area: 3069
No. Total Rooms: 11
No. Bedrms: 4
No. Full Baths: 3
No. Half Baths: 0
Bath Style: Average
Kitchen Style: Average
Wall Type 1: Plastered
Wall Type 2:
Heat Type: Hot Water
Heat Fuel: Oil
A/C Type: None



www.cai-tech.com

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SEPTIC SYSTEM DESIGN CRITERIA

PERC RATE: 4.4 MINS/INCH

NUMBER OF BEDROOMS: 3

SEPTIC TANK: 1000 GALLON

LEACHING AREA REQUIRED: 495 SQUARE FEET

LEACHING AREA PROVIDED: 3 - 48" WIDE STONE FILLED TRENCHES, 55' LONG @ 3 SF PER LF = 495 SF

MOTTLING: 32", RESTRICTIVE: 30" - 36", LEDGE: N/A, WATER: N/A, SLOPE: 10.1 - 15.0%

MLSS (PRIMARY) = 36" (HF=24, PF=1.0, FF=1.5)

LSS PROVIDED = 55'

SPECIFICATIONS

SEPTIC SYSTEM INSTALLATION SHALL BE IN ACCORDANCE WITH THE "CONNECTICUT PUBLIC HEALTH CODE REGULATIONS AND TECHNICAL STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL SYSTEMS".

SEPTIC TANK: JOLLEY PRECAST, INC. OR EQUAL TWO-COMPARTMENT TANK WITH OUTLET FILTER. INSTALL RISERS OVER TANK CLEANOUTS IF COVER OVER TANK EXCEEDS 1'.

ALL PRECAST STRUCTURES SUCH AS SEPTIC TANKS AND DISTRIBUTION BOXES SHALL BE SET LEVEL ON SIX INCHES OF COMPACTED GRAVEL BASE.

DISTRIBUTION BOXES: JOLLEY OR EQUAL 4 HOLE D-BOXES

HOUSE, EFFLUENT AND "TIGHT PIPE" FOR DRAIN OUTLETS: 4" PVC SCHEDULE 40, ASTM D 1785 OR ASTM D 2685 WITH RUBBER COMPRESSION GASKET ASTM D 3139 OR SOLVENT WELD COUPLINGS.

DISTRIBUTION PIPE: 4" PVC PERFORATED, LAID AT 2" PER 100'

POLYLOK PIPE SEAL AS MANUFACTURED BY SUPERIOR SEPTIC TANKS (OR EQUAL) SHALL BE USED TO SEAL SEPTIC TANK AND D-BOX INLETS AND OUTLETS.

BOTTOM OF TRENCHES TO BE LEVEL.

TOPSOIL SHALL BE STRIPPED IN AREA OF LEACH FIELD AND THE SUBSOIL SCARIFIED PRIOR TO PLACEMENT OF SELECT SEPTIC FILL.

ALL FILL SHALL BE CLEAN BANK RUN GRAVEL, MEETING THE FOLLOWING REQUIREMENTS OF THE CT DEPT. OF PUBLIC HEALTH:

MAX. PERCENT GRAVEL (PLUS NO. 4 SIEVE MATERIAL) - 45%
GRADATION ON FILL LESS GRAVEL:

SIEVE	WET PERCENT PASSING	DRY PERCENT PASSING
NO. 4	100	100
NO. 10	70-100	70-100
NO. 40	10-50*	10-75
NO. 100	0-20	0-5
NO. 200	0-5	0-2.5

*PERCENT PASSING THE #40 SIEVE CAN BE INCREASED TO NO GREATER THAN 75% IF THE PERCENT PASSING THE #100 SIEVE DOES NOT EXCEED 10% AND THE #200 SIEVE DOES NOT EXCEED 5%.

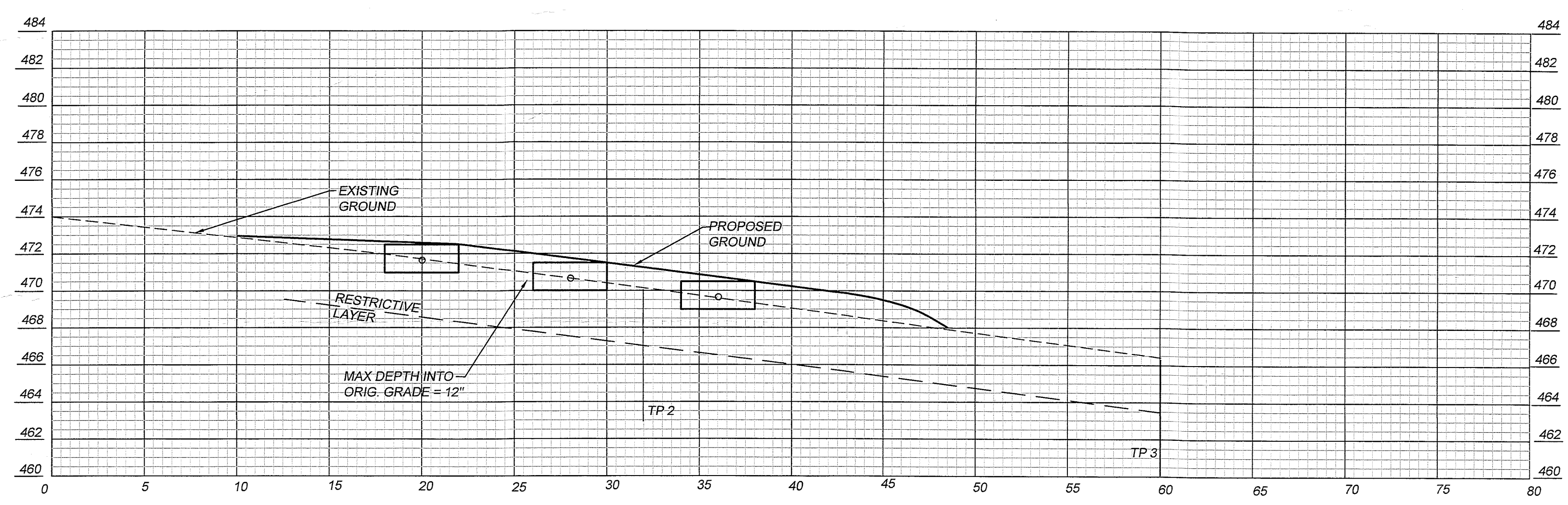
FILL MUST PERC AT A RATE EQUAL TO OR FASTER THAN THE UNDERLYING SOIL.

THIS DESIGN IS BASED ON TEST PIT INFORMATION RECORDED BY NDDH. J & D HAS MADE NO INDEPENDENT INVESTIGATION OF SOIL CONDITIONS. THE CONTRACTOR IS ADVISED TO PERFORM SUFFICIENT SITE INVESTIGATION TO DETERMINE CONSTRUCTABILITY OF THE DESIGN PRIOR TO BIDDING OR COMMENCING WORK.

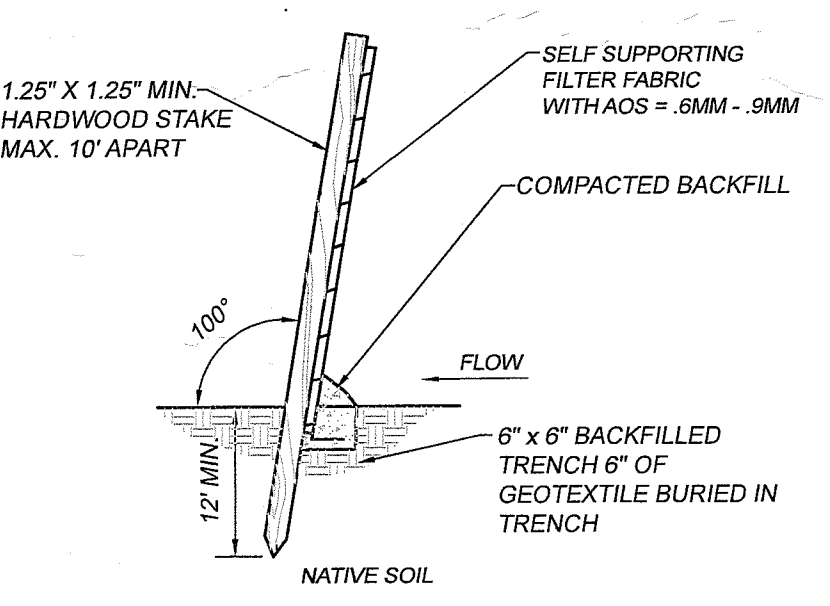
- EROSION AND SEDIMENT CONTROL NOTES:**
- THE PROPOSED ACTIVITY ON THE SITE WILL CONSIST OF THE CONSTRUCTION OF A SINGLE FAMILY HOUSE, WELL, SEPTIC SYSTEM AND DRIVEWAY.
 - EROSION CONTROL DEVICES MUST BE INSTALLED WHERE INDICATED ON THIS SHEET PRIOR TO THE START OF CONSTRUCTION.
 - DISTURBED AREAS SHALL BE KEPT TO A MINIMUM AND SEEDED OR STABILIZED WITH TEMPORARY MULCH AS SOON AS FINAL GRADES HAVE BEEN ATTAINED.
 - THE OWNER OF RECORD SHALL DESIGNATE THE ON SITE ENVIRONMENTAL AGENT RESPONSIBLE FOR REGULARLY CHECKING THE CONDITION OF THE EROSION CONTROL DEVICES AND REMOVING ACCUMULATED SEDIMENT.

LEGEND

	BUILDING SETBACK LINE
	PROPERTY LINE
	EXISTING CONTOUR LINE
	PROPOSED CONTOUR LINE
	EDGE OF WETLANDS
	WETLAND BUFFER/UPLAND REVIEW AREA
	EROSION CONTROL DEVICES
	TEST PIT
	LEACHING TRENCH
	STONEWALL
	UTILITIES
	CLEARING LIMITS



LEACHING FIELD CROSS SECTION A-A



SILT FENCE INSTALLATION
NOT TO SCALE

SURVEY NOTES:

1. THIS MAP HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARD FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1998.

THE SURVEY TYPE IS TOPOGRAPHIC, PERFORMED ON MAY 05, 2021, AND IS INTENDED TO BE USED FOR THE DESIGN OF AN ENGINEERED SEPTIC SYSTEM.

PROPERTY LINES DO NOT EXPRESS A BOUNDARY OPINION.

2. TEST PIT AND PERC TEST LOCATIONS HAVE BEEN COMPILED, IN PART, BASED UPON INFORMATION FURNISHED BY OTHERS. THIS INFORMATION IS TO BE CONSIDERED APPROXIMATE AND J & D CIVIL ENGINEERS DOES NOT TAKE RESPONSIBILITY FOR SUBSEQUENT ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO THIS PLAN AS A RESULT.

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

Dennis R. Blanchette 7/4/21 12107
DENNIS R. BLANCHETTE DATE LICENSE NUMBER

THIS MAP IS NOT VALID WITHOUT A LIVE SIGNATURE
© 2021 J&D CIVIL ENGINEERS, LLC

TEST PIT RESULTS

OBSERVED BY: MELISSA SONIELLI
DATE: JUNE 6, 2021

PIT NO. 1	PIT NO. 2	PIT NO. 3
0" - 6" TOPSOIL 6" - 27" ORANGE BROWN FINE SANDY LOAM 27" - 72" GRAY FINE SANDY LOAM, TIGHT	0" - 10" TOPSOIL 12" - 30" ORANGE BROWN FINE SANDY LOAM 30" - 84" GRAY TIGHT FINE SANDY LOAM	0" - 10" TOPSOIL 10" - 14" ORANGE BROWN FINE SANDY LOAM 14" - 76" GRAY FINE SANDY LOAM, TIGHT
MOTTLING: N/A RESTRICTIVE: 30" LEDGE: N/A WATER: SEEPS 68" ROOTS: 30"	MOTTLING: N/A RESTRICTIVE: 36" LEDGE: N/A WATER: SEEPS 68" ROOTS: 30"	MOTTLING: 32" RESTRICTIVE: 32" LEDGE: N/A WATER: SEEPS 60" ROOTS: 14"

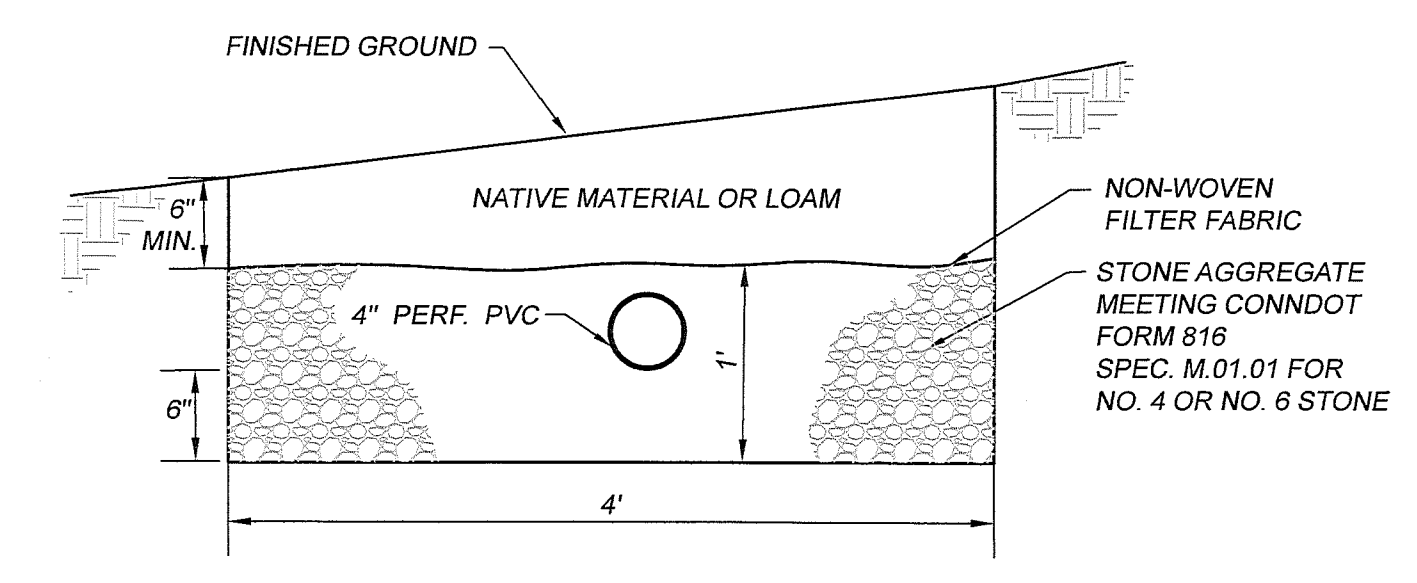
PERC. TEST RESULTS

OBSERVED BY: MELISSA SONELLI
DATE: JUNE 7, 2021

HOLE 1

TIME	READING
1:59	5.0"
2:09	11.25"
2:19	13.5"

DEPTH: 16"
RATE: 4.4 MIN/IN



LEACHING TRENCH DETAIL
N.T.S.

SITE DEVELOPMENT PLAN
PREPARED FOR
ROLAND MAROIS
257 HERITAGE ROAD, PUTNAM, CT
MAP 39 LOT 29

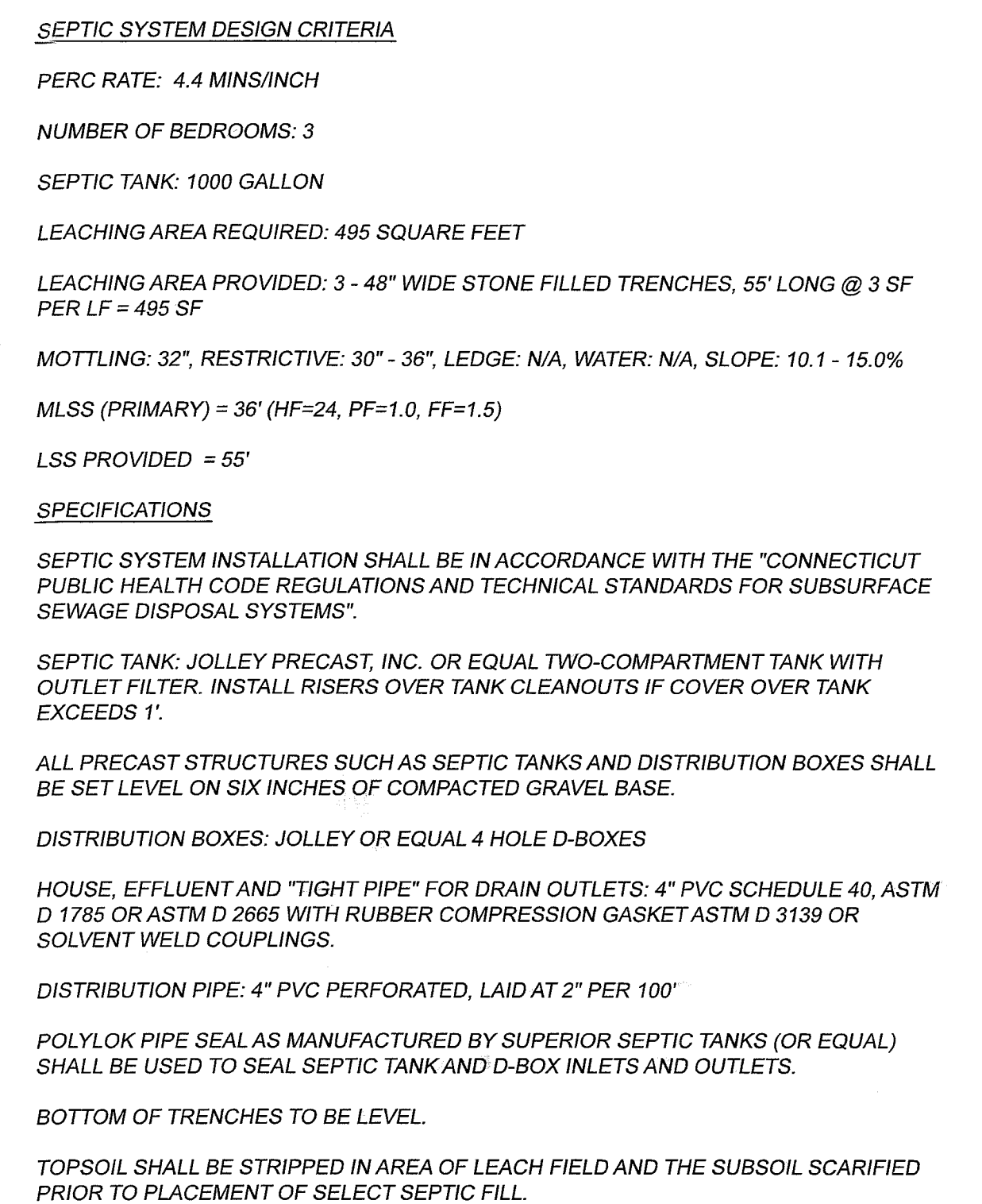
J&D CIVIL ENGINEERS, LLC
401 RAVENELLE ROAD
N. GROSVENORDALE, CT 06255
860-923-2920

DESIGNED: JJB
CHECKED: DRB

REVISIONS:

JOB NO: 21130
SCALE: 1" = 30'

DATE: JULY 7, 2021
SHEET: 1 OF 1



<u>SIEVE</u>	<u>WET PERCENT PASSING</u>	<u>DRY PERCENT PASSING</u>
NO. 4	100	100
NO. 10	70-100	70-100
NO. 40	10-50*	10-75
NO. 100	0-20	0-5
NO. 200	0-5	0-2.5

*PERCENT PASSING THE #40 SIEVE CAN BE INCREASED TO NO GREATER THAN 75% IF THE PERCENT PASSING THE #100 SIEVE DOES NOT EXCEED 10% AND THE #200 SIEVE DOES NOT EXCEED 5%.

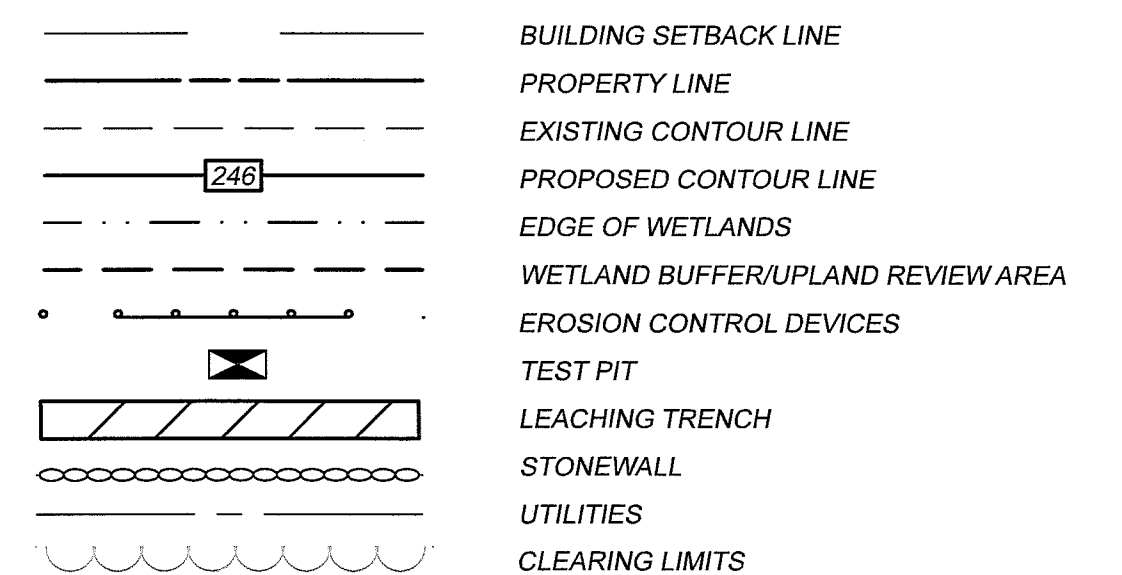
FILL MUST PERC AT A RATE EQUAL TO OR FASTER THAN THE UNDERLYING SOIL.

THIS DESIGN IS BASED ON TEST PIT INFORMATION RECORDED BY NDDH. J & D HAS MADE NO INDEPENDENT INVESTIGATION OF SOIL CONDITIONS. THE CONTRACTOR IS ADVISED TO PERFORM SUFFICIENT SITE INVESTIGATION TO DETERMINE CONSTRUCTABILITY OF THE DESIGN PRIOR TO BIDDING OR COMMENCING WORK.

EROSION AND SEDIMENT CONTROL NOTES:

1. THE PROPOSED ACTIVITY ON THE SITE WILL CONSIST OF THE CONSTRUCTION OF A SINGLE FAMILY HOUSE, WELL, SEPTIC SYSTEM AND DRIVEWAY.
2. EROSION CONTROL DEVICES MUST BE INSTALLED WHERE INDICATED ON THIS SHEET PRIOR TO THE START OF CONSTRUCTION.
3. DISTURBED AREAS SHALL BE KEPT TO A MINIMUM AND SEEDED OR STABILIZED WITH TEMPORARY MULCH AS SOON AS FINAL GRADES HAVE BEEN ATTAINED.
4. THE OWNER OF RECORD SHALL DESIGNATE THE ON SITE ENVIRONMENTAL AGENT RESPONSIBLE FOR REGULARLY CHECKING THE CONDITION OF THE EROSION CONTROL DEVICES AND REMOVING ACCUMULATED SEDIMENT.

LEGEND



SITE DEVELOPMENT PLAN
PREPARED FOR
ROLAND MAROIS
257 HERITAGE ROAD, PUTNAM, CT
MAP 39 LOT 29

J&D CIVIL
ENGINEERS, LLC
401 RAVENELLE ROAD
N. GROSVENORDALE, CT 06255
860-923-2920

DESIGNED: JJB
CHECKED: DRB

REVISIONS:
2021-08-06 RAISE INV. AT HOUSE
2022-11-30 DRIVEWAY AS-BUILT

JOB NO: 21130

DATE: JULY 7 2021

SCALE: 1" = 30'

SHEET: 1 OF 1

SURVEY NOTES:

1. THIS MAP HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARD FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.

THE SURVEY TYPE IS TOPOGRAPHIC, PERFORMED ON MAY 05, 2021, AND IS INTENDED TO BE USED FOR THE DESIGN OF AN ENGINEERED SEPTIC SYSTEM.

PROPERTY LINES DO NOT EXPRESS A BOUNDARY OPINION.

2. TEST PIT AND PERC TEST LOCATIONS HAVE BEEN COMPILED, IN PART, BASED UPON INFORMATION FURNISHED BY OTHERS. THIS INFORMATION IS TO BE CONSIDERED APPROXIMATE AND J & D CIVIL ENGINEERS DOES NOT TAKE RESPONSIBILITY FOR SUBSEQUENT ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO THIS PLAN AS A RESULT.

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY
CORRECT AS NOTED HEREON .


 DENNIS R. BLANCHETTE

THIS MAP IS NOT VALID WITHOUT A LIVE SIGNATURE
© 2021 J&D CIVIL ENGINEERS, LLC

TEST PIT RESULTS

OBSERVED BY: MELISSA SONIELLI
DATE: JUNE 6, 2021

PIT NO.1

0" - 6" TOPSOIL
6" - 27" ORANGE BROWN
FINE SANDY LOAM
27" - 72" GRAY FINE SAND
LOAM, TIGHT

MOTTLING: N/A
RESTRICTIVE: 30"
LEDGE: N/A
WATER: N/A
ROOTS: 30"

PIT NO.2

0" - 12" TOPSOIL
12" - 30" ORANGE BROWN
FINE SANDY LOAM
30" -84" GRAY TIGHT FINE SANDY
LOAM

MOTTLING: N/A
RESTRICTIVE: 36"
LEDGE: N/A
WATER: SEEPS 68"
ROOTS: 30"

PIT NO.3

0" - 10" TOPSOIL
10" - 14" ORANGE BROWN
FINE SANDY LOAM
14" -76" GRAY FINE SANDY
LOAM, TIGHT

MOTTLING: 32"
RESTRICTIVE: 32"
LEDGE: N/A
WATER: SEEPS 60"
ROOTS: 14"

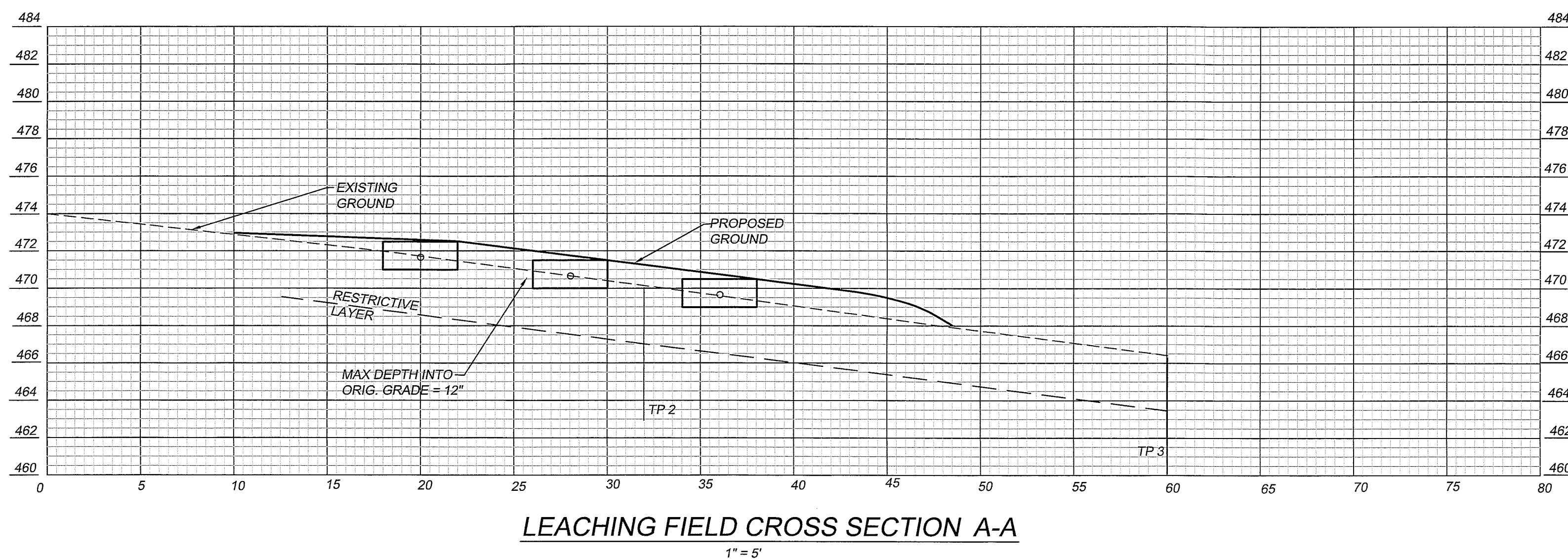
PERC.TEST RESULTS

OBSERVED BY: MELISSA SONELLI
DATE: JUNE 7, 2021

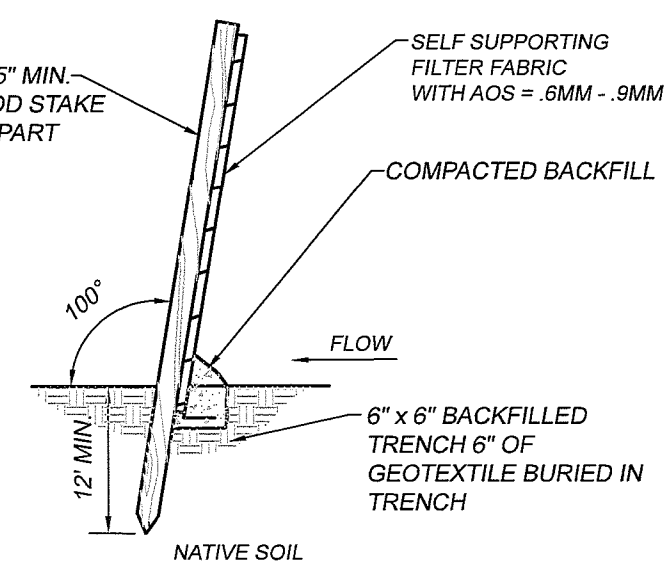
HOLE 1

TIME	READING
1:59	5.0"
2:09	11.25"
2:19	13.5"

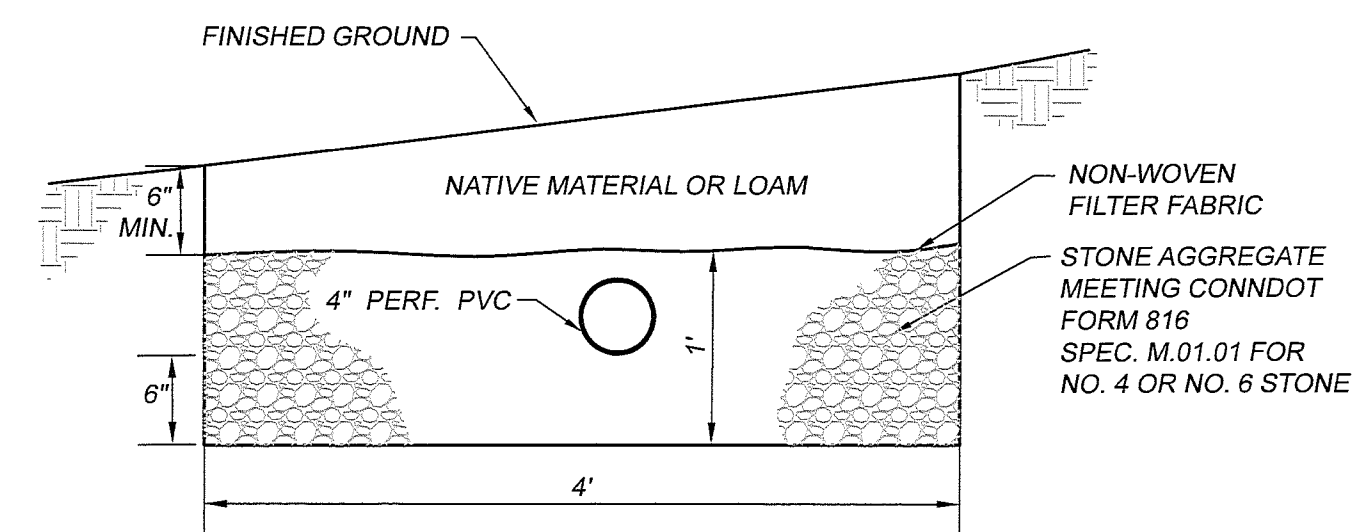
DEPTH: 16"
RATE: 4.4 MIN/IN



SILT FENCE INSTALLATION
NOT TO SCALE



LEACHING TRENCH DETAIL
N.T.S.



NDDH FILE #21000365