Bolton Zoning Board of Appeals Regular Meeting Minutes November 12, 2024, 7:00 p.m. Bolton Town Hall, 222 Bolton Center Road In-Person Meeting and Virtual Utilizing Zoom

Members Present: Chairman Morris Silverstein, Members-Anne Decker, Joshua Machnik, William Pike and Jonathan Treat and Alternate Tom Lyon

Others Present via Zoom: Donald Houlberg, Caitlin O'Neil,

Others Present in Person: Alex O'Neil, Attorney Stephen Penny and Raphael Vergnaud

Regular Meeting

- 1. Call to Order: Chairman Morris Silverstein called the meeting to order at 7:02 p.m.
- 2. Roll Call/Seating of Alternates- Roll call completed.
- 3. Resident's Forum/Public Comment: No public comment

4. Public Hearing:

No. #ZBA-24-3, 1 Lynwood Dr., owned by Raphael Vergnaud. Request for a 15foot front yard setback variance, reducing the 35-foot requirement to 20-feet, to construct a deck to an existing structure

Mr. Vergnaud spoke on his own behalf. A wraparound deck with railings and one riser is proposed. The deck will be accessible from the front and rear. There is limited room to extend the deck in the back of the property, hence the proposed location. A third of the proposed deck was already in place. The old deck has been removed and only the concrete slab remains. Mr. Vergnaud noted that the house was built in 1953, prior to the current zoning regulations. He has owned the property for two months.

M. Silverstein asked what the hardship is. Mr. Vergnaud noted that it is a corner lot so clearance on the sides is difficult. And the house is placed diagonally on the lot, perhaps to take advantage of the water view. There is a shed and an A/C condenser located in the rear of the lot.

J. Treat asked if a corner lot is treated differently than a non-corner lot in the regulations. M. Silverstein responded no.

A. Decker asked if the shed is permanently affixed to the ground. Mr. Vergnaud is not sure but the shed is very close to the rear property setback.

W. Pike asked how the gravel driveway will be impacted by the proposed deck. Mr. Vergnaud replied that eventually the driveway will be tarred and will not be an issue.

J. Treat noted that if they had to dig up the sewer line it would not be a new issue as the line is currently under the existing concrete slab

The public hearing was closed at 7:19 p.m.

The Board was in consensus to decide on the variance.

J. Treat feels that the applicant deserves the variance and noted that if the corners of the deck were radiused it would lessen the encroachment.

A. Decker disagrees. She understands that it is a unique property but there are many other unique properties in town. Is this a true hardship? The old deck was within the old setback. She feels that there is enough room for a new deck that won't encroach on the setbacks. Setbacks are in place for a reason.

W. Pike noted that this neighborhood has many properties that have been fixed up in recent years. There are strong limitations due to the lot sizes. The location of the house creates some pretty substantial limitations. He is in favor of granting the variance. As a property in the lake district, a new deck will increase the value of the property.

J. Machnik feels that the variance should be granted based on the reasons that W. Pike noted above.

W. Pike made a motion to approve the variance to allow a 15-foot front yard setback variance with the constraint the variance is only for a deck. The hardships are that it is a corner lot and diagonal placement of the house on the lot. J. Treat seconded. The motion passed 4:1:0.

No. ZBA-24-4, 366 West St., owned by Caitlin O'Neil. Request for a 15-foot side yard variance, reducing the 25-foot requirement to 10-feet, to complete an addition to an existing structure.

Attorney Stephen Penny spoke on the applicant's behalf. The parcel is bordered on all sides by residential properties. The lot size is nearly three times larger that the average lot size. The hardship is that the lot is 200 feet wide with the existing structures leaving limited room for expansion. There are sharp drop offs to the front and rear of the home. The rear accumulates water. The existing home and garage were built before the O'Neil's took possession. The addition would be attached to the existing garage as to not obstruct the current view. If the addition was added to the front yard, it would be an eyesore. In the rear, it would obstruct the view for the neighbors and may compromise a new septic system installation if needed.

There is a large buffer of trees as shown in the submitted photographs. The proposed 10foot side yard would allow for access of emergency vehicles. There is no easement on the parcel. Attorney Penny read from Section 8-6 of the CT Planning and Zoning Statutes. He stated that the hardship of the sloping topography of the land at the front and rear of the property is not self-created. The character of the neighborhood would not be impacted by the garage addition.

A. Decker asked what the use of the garage addition would be. Mr. O'Neil replied that he plans to store his RV there and although there are four existing garage bays he needs more garage space to store his cars and a boat.

J. Treat asked if this addition would have anything to do with his business of selling Snap-On-Tools. Mr. O'Neil replied that his work truck is primarily parked in North Haven. On weekends it may be at his home for restocking purposes. J. Treat noted that while the current owner didn't build the existing structures, for better or worse, he owns them. If half of the older garage was removed and the new garage was to be added to the reduced structure it may be an option that wouldn't necessitate a variance.

W. Pike noted that historically the ZBA has tried to come up with alternatives to eliminate the need for variances. If the proposed structure was moved closer to the house a variance would not be needed. He feels that five and a half garage bays is not a common occurrence and that what Mr. O'Neil is asking for is excessive. There are limits to what can be done with a piece of property.

Caitlin O'Neil feels that the option proposed by the board would affect the use of the current garage and having an ample turning radius is a concern.

The public hearing was closed at 8:33 p.m.

M. Silverstein noted that there are items in the statutes that should be considered, namely public health, public welfare and public safety

A. Decker asked if it is a true hardship if he has four garage bays already. The piece of land seems to be maximally used as is. There may be alternatives that could be considered that wouldn't require a variance.

W. Pike noted that he agrees with Ms. Decker. A 50' by 30' bay is excessive and he is more comfortable with promoting alternatives. It is not a hardship if there are alternatives.

J. Treat made a motion to deny the variance based on the lack of hardships. A. Decker seconded. The motion passed 3:2:0.

5. Old Business - None

6. Approval of Minutes:

September 10, 2024

A. Decker made a motion to accept the minutes as presented. J. Treat seconded. The motion passed unanimously 5:0:0.

7. Other:

The following ZBA meeting dates are proposed for 2025, on the second Tuesday of each month:

Tuesday, January 14, 2025 Tuesday, February 11, 2025 Tuesday, March 11, 2025 Tuesday, April 8, 2025 Tuesday, May 13, 2025 Tuesday, June 10, 2025 Tuesday, July 8, 2025 Tuesday, August 12, 2025 Tuesday, September 9, 2025 Tuesday, October 14, 2025 Tuesday, November 11, 2025 Tuesday, December 9, 2025

Meetings will be held at 7:00 p.m. at Town Hall, virtual via Zoom or hybrid.

J. Machnik made a motion to approve the above ZBA meeting dates for 2025. J. Treat seconded. The motion passed unanimously 5:0:0.

8. Adjournment

W. Pike made a motion to adjourn at 8:56 p.m. M. Silverstein seconded. The motion passed unanimously 5:0:0.

Respectfully submitted,

Leslie J. Brand

Leslie J. Brand

Please see minutes of subsequent meetings for corrections to these minutes and any corrections hereto.

Bolton Zoning Board of Appeals Regular Meeting Minutes March 11, 2025, 7:00 p.m. Bolton Town Hall, 222 Bolton Center Road In-Person Meeting and Virtual Utilizing Zoom

Members Present: Chairman Morris Silverstein, Members-Joshua Machnik, William Pike, Jonathan Treat, and Alternates John Toomey, Jr. and Tom Lyon **Members Absent:** Anne Decker

Others Present in Person: James Read, Victoria Dillion Others Present via Zoom: Andrew Bushnell, Domenic Perito Others Present via Telephone: Mrs. James Read

Regular Meeting

- 1. Call to Order: Chairman Morris Silverstein called the meeting to order at 7:18 p.m.
- 2. Roll Call/Seating of Alternates: J. Toomey was seated for A. Decker.
- 3. Resident's Forum/Public Comment: No public comment

4. Public Hearing

No. ZBA-25-1, Vernon Rd, vacant land located between Nos. 21 and 31 Vernon Rd, owned by James Read. Request for a 15-ft front yard setback variance, reducing the 35-ft requirement to 20-ft, and a 15-ft rear yard setback variance, reducing the 30-ft requirement to 15-ft, for the purpose of constructing a new dwelling.

Mr. Read spoke on his own behalf. He and his family are seeking a variance on a vacant lot on Vernon Road that has never been developed and predates the zoning standards. A hardship of space exists due to the unique shape of the property and factors beyond their control. The size of the lot is consistent with previously developed lots around the lake, and the septic and well have been approved by the Easter Highlands Health District. Mr. Read ultimately plans to connect to the town sewer. The proposed house is 16 feet x 32 feet with a proposed deck of 8 feet. The distance between the front of the house to the property line is 20 feet, and the distance to the pavement edge is 24 feet. The distance between neighbors to the north and south is 30 feet. Mr. Read noted that he has made every effort to keep the setback but needs a variance for the small house he is building.

T. Lyon asked how many stories the house will be and whether anyone lives across the street. Mr. Read replied that it will likely be two stories, and only a large hill is across the street.

Victoria Dillion, 33 Vernon Road, noted that she lives two houses away and shared her beliefs that the land is unbuildable and dangerous due to the winding road. She shared her concerns about noise pollution and the removal of trees during the building phase and noted that Mr. Read has not spoken to hear about seeking a variance. Ms. Dillion added that other

neighbors wanted to attend the meeting but there were issues with getting into Zoom and calling in. She stated that there was a requirement to log into Zoom two days prior in order to access the meeting and believes the neighbors were blocked from attending. M. Silverstein replied that he is not aware of any requirement to log into Zoom two days prior to meetings, and that any issues with attending the meeting were not intentional. He apologized on behalf of the Town and asked if any neighbors considered attending in person. Ms. Dillion replied that one of them is out of town and could not attend.

Mr. Read explained that he sent letters to abutters that included his phone number. He has also spoken with neighbors who did not raise any issues, although one of them was not very welcoming. Ms. Dillion asked Mr. Read why he bought the property when it is not buildable and complained that she and other neighbors had to build on the existing footprint of their land. She claimed that it is unfair that Mr. Read can build his house anywhere on the lot. Mr. Read replied that the property is buildable as it consists of sand and gravel.

Mr. Read noted that the property has a very large and compliant driveway that allows plenty of space for turning around to exit the property in a forward direction. He added that the visibility is good as the road curves in the appropriate direction from his property. M. Silverstein agreed that the curve is appropriate for the location. Mr. Read stated that the size of the property is challenging but the rules and regulations demonstrate that he is eligible for a variance. Ms. Dillion argued that there is no footprint on the property and it is unfair that her property had to be built on an existing foundation. She added that Mr. Read is encroaching on her neighborhood.

Mr. Read noted that his wife and the engineer he hired were able to access the meeting via Zoom with no issues and very little notice. He added that he drove 80 miles to attend the meeting, and the neighbors who live only minutes away from Town Hall could have attended in person if they were having difficulty accessing the meeting online. Ms. Dillion replied that at least one of them is in ill health and could not attend in person. J. Treat asked if anyone on attending via Zoom wished to speak; however, the attendees did not have any comments.

W. Pike asked if Mr. Read considered any other orientations for the house and whether he was held to a 16' x 32' footprint. Mr. Read stated that the goal was to make a narrow, functional house that is a safe distance from the road and no hindrance to neighbors. W. Pike asked if the deck was a big part of the variance request. Mr. Read replied that it is and added that the request is consistent with other homes in the area and does not encroach on the water. He stated that the Inland Wetlands Commission is very happy with the plans.

W. Pike asked why septic is being included instead of tying in to the sewer. Mr. Read explained that a septic permit is required prior to tying in to the sewer. M. Silverstein added that the septic is just required on paper to show on the map. Mr. Read agreed and noted that he has no intention of building a septic system. J. Toomey noted that he spoke with an Inland Wetlands Commission member who stated that the plan is a wonderful and detailed project that provides proper placement of wells and berms preventing runoff into the lake.

M. Silverstein asked Ms. Dillion what she thinks should happen with the property. She replied that the original owner told her he could not build on it. She suggested that the property would go back to the Town if no taxes were being paid on it. J. Toomey stated that is not necessarily true and noted that the Bolton Land Trust does not want the property due to the liability of the water. The Commission discussed the history and previous ownership of the land. Andrew Bushnell stated that the property was originally three lots that were split up in the 1940's when Todd Leventhal took ownership.

Alex O'Neil, 366 West Street, stated that Mr. Read has not shown that a hardship exists. He added that there is no law that states a house must be built on the lot and noted that the line of site on the road is questionable. He suggested rescheduling the public hearing so that other neighbors have the opportunity to speak.

W. Pike shared his concerns about the difficulties that occurred with Zoom. He added that he is unsure about the 48-hour requirement to log in that Ms. Dillion mentioned but believes the neighbors should have an opportunity to comment. J. Treat agreed and recommended continuing the public hearing at the next meeting.

W. Pike noted that the hardship is the pre-existence of the lot and lack of additional land. He added that many property owners have decks built over the water and it is the nature of the area to request a deck; however, the question is whether the property is too close to the road. W. Pike noted he is unsure of what his decision would be at this time. J. Treat stated that the property seems to be in compliance with the others in the area. He added that the house is small but the driveway enhances the safety of the property.

M. Silverstein agreed to table the meeting and keep public comment open with the caveat that Commission members keep in mind that neighbors often like to tell others what to do with their land. W. Pike replied that it is important to offer neighbors the opportunity to provide comments. Mr. Read agreed that more neighbors who do not like the idea may come forward but encouraged the Commission to consider that the variance does not negatively affect the Town in any way.

M. Silverstein advised Mr. Read that he must gain the approval of four members to move forward with the variance. He apologized for the continuance and for the long drive Mr. Read made to attend the meeting. Mr. Read stated that he will happily return and asked for the makeup of the Commission. M. Silverstein explained that there are five members and three alternates. He noted that J. Toomey is an alternate who will attend the meeting and make a decision next month since he stood in for today's meeting. T. Lyon is also an alternate who is present and will be able to sit in for any of the other members who may be unavailable.

- 5. Old Business: None
- 6. Election of Officers: None
- 7. Confirmation of 25-26 Budget

J. Toomey made a motion to ratify the 25-26 Budget Transfer in the amount of \$1,650.00. W. Pike seconded. The motion passed unanimously 5:0:0.

8. Approval of Minutes

- November 12, 2024: The item was tabled for the next meeting since the Minutes were not available
- 9. Other: None

10. Adjournment

J. Treat made a motion to adjourn at 8:14 p.m. J. Machnik seconded. The motion passed unanimously 5:0:0.

Respectfully submitted by Kacie Cannon

Kacie Cannon

Please see the minutes of subsequent meetings for the approval of these minutes and any corrections hereto.

SURVEY NOTES:

1.) 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 OF ACCURACY, CONTENT AND CERTIFICATION FOR SURVEYS AND MAPS". AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS INC. ON OCTOBER 26, 2018. IT IS A LIMITED PROPERTY IMPROVEMENT LOCATION SURVEY MAP BASED ON A DEPENDENT RESURVEY CONFORMING TO HORIZONTAL SURVEY ACCURACY CLASS A-2 AND TOPOGRAPHIC ACCURACY CLASS T-2. THE INTENT OF THIS MAP IS TO DEPICT THE LOCATION OF THE PROPOSED OR EXISTING IMPROVEMENTS SHOWN WITH RESPECT TO THE APPLICABLE MUNICIPAL OR STATUTORY REQUIREMENTS.

2.) PROPERTY IS LOCATED IN A R-3 ZONE.

3.) THE PROPERTY IS NOT LOCATED IN A FLOOD HAZARD ZONE A PER FIRM FLOOD INSURANCE RATE MAP COMMUNITY-PANEL NUMBER 090109 001 B EFFECTIVE JUNE 1, 1981.

4.) TOPOGRAPHY DEPICTED WAS FIELD DERIVED BY BUSHNELL ASSOCIATES LLC. USING AN ASSUMED DATUM.

5.) THE PROPERTY IS SHOWN AS AN AREA OF STATE AND FEDERAL LISTED SPECIES ON THE CURRENT CONNECTICUT DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION BUREAU OF NATURAL RESOURCES WILDLIFE DIVISION NATURAL DIVERSITY DATA BASE DECEMBER 2024 MAPPING.

6.) THE PROPERTY IS SUBJECT AND TOGETHER WITH A BOUNDARY LINE AGREEMENT WITH THE PROPERTY LOCATED AT 21 BOLTON RD. FILED ONHTE TOWN OF BOLTON LAND RECORDS VOLUME 26 PAGE 213.

7.) THE PARCEL IS NON-CONFORMING TO CURRENT TOWN OF BOLTON ZONING REQUIREMENTS FOR MINIMUM LOT AREA AND FRONTAGE.

MAP REFERENCES:

1.) PROPERTY OF DR. DOUGLAS J. ROBERTS, ETAL QUARRY ROAD BOLTON, CONN. SCALE 1 INCH=10 FEET FEB. 1947 PETERSEN & HOFFMAN, ENGRS. SUCCESSORS TO SPENCER & WASHBURN, INC.

) OWNER OR CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

2.) OWNER OR CONTRACTOR TO VERIFY ALL DIMENSIONS AND INFORMATION CONTAINED ON THIS PLAN PRIOR TO THE START OF CONSTRUCTION . THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION.

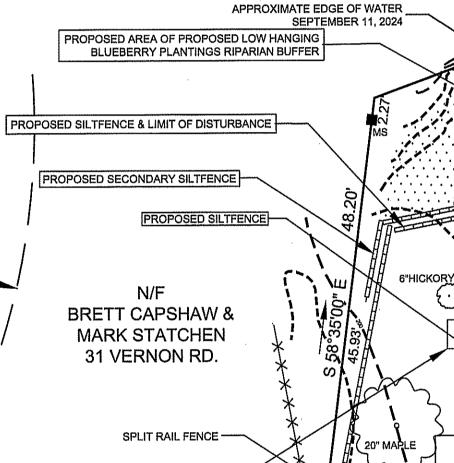
3.) PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY ALL BOUNDARY MARKERS SHALL BE SET BY A LICENSED LAND SURVEYOR.

4.) PRESERVE ANY EXISTING STONE WALLS WHEREVER POSSIBLE.

5.) ANY TREES TO BE REMOVED IN THE TOWN RIGHT OF WAY SHALL BE POSTED BY THE TREE WARDEN PRIOR TO REMOVAL.

6.) ALL PROPOSED UTILITIES LOCATIONS SHALL BE APPROVED BY THE LOCAL UTILITY COMPANIES PRIOR TO THE START OF CONSTRUCTION.

8.) CLEARING LIMITS SHALL BE FLAGGED BY A SURVEYOR PRIOR TO ANY SITE DISTURBANCE.



PROPOSED 20 LF. GEOMATRIX SYSTEMS GEOU1836 DESIGN GRADE EL.=200.75 BOTTOM EL.=198.25 IR IN CONCRETE PROPOSED 1,000 GALLON SEPTIC TANK FL. IN=200.25 FL. OUT=200.00 PROPOSED 15 LF. GRAVITY HOUSE SEWER

> TREE TO BE REMOVED (R) TYP. PROPOSED E-ONE SIMPLEX GRINDER PUMP

PROPOSED 12 LF SDR-11. LOW PRESSURE SEWER LATERAL (NO JOINTS WITHIN 75 FT. OF WELL)

-O-SNET 592

S 04°13'37" W

CLOSURE LINE

41.53'

TEST PITS OBSERVED BY: THAD KING MPH REHS EASTERN HIGHLANDS HEALTH DISTRICT ANDREW BUSHNELL PELS. BUSHNELL ASSOCIATES LLC. OCTOBER 16 ,2024 TEST PIT 1 0-12" TOPSOIL BROWN FINE SANDY LOAM 12-36" GR/BR LOOSE FINE AND 36-69" **GRAVEL TRACE SILT ROCKS** COBBLES SURFACE BOULDERS DEPTH @ 69" SEEPAGE - NONE ROOTS @ 40" TEST PIT 2 0-12" TOPSOIL 12-49" LT/BR FINE SANDY LOAM 40-69" GR LOOSE FINE AND MEDIUM SANDS AND GRAVEL ROCKS COBBLES BOULDERS DEPTH @ 69" SEEPAGE - NONE ROOTS @ 40" TEST PIT 3 0-7" TOP SOIL 7-30" LT/BR FINE SANDY LOAM GR LOOSE FINE AND MEDIUM 30-58" SANDS AND GRAVEL TRACE SILT **RD/GR COMPACTFINE AND** MEDIUM SANDS SOME SILT 58-80" ROCKS COBBLE BOULDERS DEPTH @ 80" LEDGE -NONE

SEEPAGE -NONE MOTTLING -NONE

ROOTS @ 30"

PERCOLATION TEST RESULTS PERFORMED BY: BUSHNELL ASSOCIATES LLC. OCTOBER16, 2024 PERCOLATION TEST BETWEEN TEST PIT 1&2 DEPTH 36" (STARTED 1FT. BELOW GRADE)

DRY START 11:20 TIME READING 7 3/4" 3/4" 8 1/2" 9.1/4" 10" 10 3/4" 11 1/4" 11 3/4" 12 1/2" 12 ¾" 13 ¼" 13 ¾"

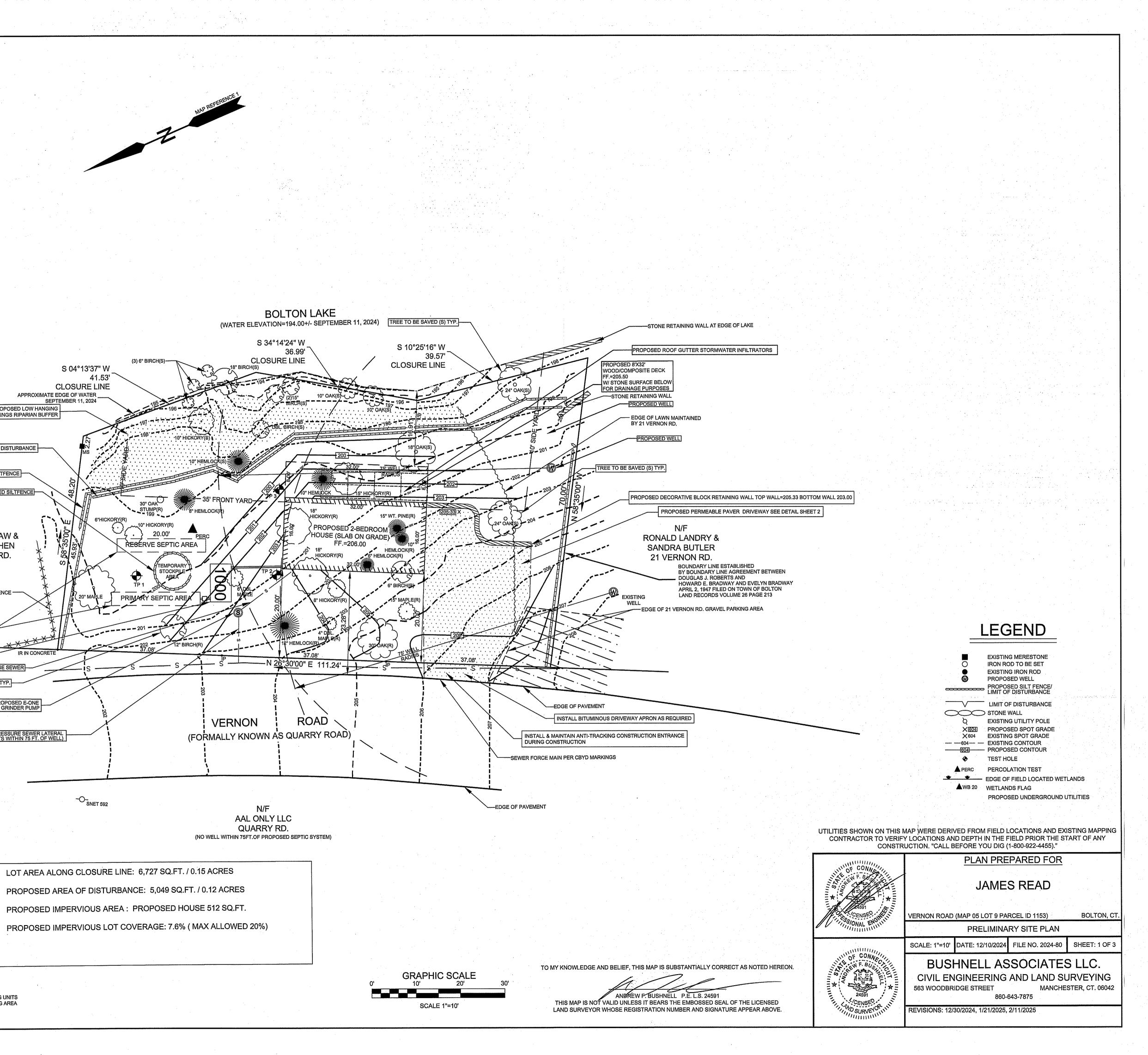
PRE SOAK @ 10:00 AM

14 1/4" PERCOLATION RATE = 1-10

SEPTIC SYSTEM DESIGN CALCULATIONS: RESTRICTIVE LAYER: NONE PERCOLATION RATE: 1-10 MIN./IN. GROUND SLOPE:

2 BEDROOM HOUSE MLSS: NOT APPLICABLE

EFFECTIVE LEACHING AREA REQUIRED 375 SQ. FT. PROVIDED: 19.98 FT. ROW OF GEOMATRIX SYSTEMS GeoU1836(18.5" HIGH) LEACHING UNITS @ 21.7 SQ. FT./FT. EFFECTIVE LEACHING AREA = 433.57 SQ.FT. EFFECTIVE LEACHING AREA



PRIOR TO REMOVAL.

<u>CONSTRUCTION NOTES:</u>
1.) OWNER OR CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

2.) OWNER OR CONTRACTOR TO VERIFY ALL DIMENSIONS AND INFORMATION CONTAINED ON THIS PLAN PRIOR TO THE START OF CONSTRUCTION . THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION.

3.) PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY ALL BOUNDARY MARKERS SHALL BE SET BY A LICENSED LAND SURVEYOR.

4.) PRESERVE ANY EXISTING STONE WALLS WHEREVER POSSIBLE. 5.) ANY TREES TO BE REMOVED IN THE TOWN RIGHT OF WAY SHALL BE POSTED BY THE TREE WARDEN

6.) ALL PROPOSED UTILITIES LOCATIONS SHALL BE APPROVED BY THE LOCAL UTILITY COMPANIES PRIOR TO THE START OF CONSTRUCTION.

SEPTIC SYSTEM DESIGN NOTES AND CRITERIA

SEPTIC SYSTEM DESIGN AND INSTALLATION TO COMPLY WITH CONNECTICUT PUBLIC HEALTH CODE REGULATIONS AND TECHNICAL STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL SYSTEMS REVISED JANUARY 1, 2024.

MINIMUM LEACHING SYSTEM SPREAD (MLSS) CALCULATION: NUMBER OF BEDROOMS 2

PERCOLATION RATE: 1-10.0 MIN./INCH RESTRICTIVE LAYER: NONE GROUND SLOPE: N/A

MLSS: N/A

REQUIRED: 1,000 GALLON TWO-COMPARTMENT SEPTIC TANK AND 375 SQ. FT. OF EFFECTIVE LEACHING AREA.

PROVIDED: 1,000 GALLON TWO-COMPARTMENT CONCRETE SEPTIC TANK WITH APPROVED EFFLUENT FILTER. NO GARBAGE DISPOSAL, WATER SOFTENING SYSTEM OR OVERSIZED TUB TO BE INSTALLED IN THE HOUSE. ACCESS RISERS REQUIRED TO LESS THAN 12" FROM FINAL GRADE RISERS DEEPER THAN 24" BELOW FINISHED GRADE SHALL BE 24" MINIMUM INSIDE DIAMETER.ALL TANKS REQUIRING RISERS SHALL MAINTAIN THE ORIGINAL COVERS ON THE TANKS, HAVE RISER COVERS THAT WEIGH AT LEAST 100 LBS. AND/OR INSTALL A SAFETY DEVICE BELOW THE RISER TO PREVENT INDIVIDUALS FROM FALLING INTO A TANK. ALL BELOW GRADE TANK OR RISER COVER HANDLES SHALL CONTAIN OR BE FITTED WITH A MATERIAL THAT CAN BE LOCATED WITH A METAL DETECTOR. 19.98 LINEAL FEET OF GEOMATRIX SYSTEMS GEOU 1836 LEACHING UNITS(EFFECTIVE LEACHING CREDIT 21.7 SQ. FT./FT) WITH AN EFFECTIVE LEACHING AREA OF 433.57 SQ.FT. MINIMUM SPACING OF 8FT. ON CENTER. WITH HOUSE SEWER PIPE OF 4" DIA. SCHEDULE - 40 ASTM D-1785 / ASTM D-2665.

LEACHING UNIT BOTTOMS TO BE NO MORE THAN 30" BELOW ORIGINAL GRADE. THE SEPTIC SYSTEM AREA SHALL NOT BE DISTURBED PRIOR TO

STAKEOUT OF THE SYSTEM BY THE DESIGN ENGINEER.

THE DESIGN ENGINEER SHALL STAKE OUT THE SEPTIC SYSTEM, SET A LOCAL BENCHMARK AND SUPPLY THE EASTERN HIGHLANDS HEALTH DISTRICT WITH A STAKING VERIFICATION MEMO BEFORE A PERMIT TO INSTALL THE SYSTEM WILL BE ISSUED.

SELECT FILL PLACED WITHIN AND ADJACENT TO LEACHING SYSTEM AREAS SHALL BE COMPRISED OF CLEAN SAND, OR SAND AND GRAVEL, FREE FROM ORGANIC MATTER AND FOREIGN SUBSTANCES. THE SELECT FILL SHALL MEET THE FOLLOWING REQUIREMENTS UNLESS OTHERWISE APPROVED BY THE DESIGN ENGINEER. SELECT FILL EXCEEDING 6% PASSING THE #200 SIEVE BASED ON A WET SIEVE TEST CANNOT BE APPROVED BY THE DESIGN ENGINEER. 1.) THE SELECT FILL SHALL NOT CONTAIN ANY MATERIAL LARGER THAN THE THREE (3) INCH SIEVE.

2.) UP TO 45% OF THE DRY WEIGHT OF THE REPRESENTATIVE SAMPLE MAY BE RETAINED ON THE #4

3.) THE MATERIAL THAT PASSES THE #4 SIEVE IS THEN <u>REWEIGHED</u> AND THE SIEVE ANALYSIS STARTED. 4.) THE REMAINING SAMPLE SHALL MEET THE FOLLOWING GRADATION CRITERIA. PERCENT PASSING SIEVE SIZE WET SIEVE DRY SIEVE

#4	100	100
#10	70 - 100	70 - 100
#40	10 - 50*	10-75
#100	0 - 20	0 - 5
#200	0 - 5	0 - 2.5
+ PERCENT DAGONIO T	IN JUG OTHER OTHER DE	ODELOFO TO NO ODELT

* 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% SELECT FILL THAT DOES NOT MEET THE DRY SIEVE GRADATION CRITERIA BUT MEETS THE WET SIEVE

CRITERIA IS ACCEPTABLE. THE LICENSED INSTALLER IS RESPONSIBLE FOR PREPARING THE LEACHING AREA WITH REQUIRED

SELECT FILL. THE TOPSOIL IN THE LEACHING AREA MUST BE COMPLETELY REMOVED AND THE SUBSOIL SCARIFIED PRIOR TO SELECT FILL PLACEMENT. THE INSTALLER SHALL TAKE NECESSARY STEPS TO PROTECT THE UNDERLYING NATURALLY OCCURRING SOIL FROM FROM OVERCOMPACTION. SILTATION OR OTHER DAMAGE. THE INSTALLER IS RESPONSIBLE FOR PROPERLY COMPACTING THE SELECT FILL TO FACILITATE CONSTRUCTION AND TO PREVENT SETTLING. SELECT FILL SHALL EXTEND A MINIMUM OF FIVE (5) FEET LATERALLY IN ALL DIRECTIONS BEYOND THE OUTER PERIMETER OF THE LEACHING AREA.

EROSION CONTROL CONSTRUCTION SEQUENCE PLAN HOUSE LOT DEVELOPMENT NOTE: ALL EROSION AND SEDIMENT CONTROL ACTIVITIES SHALL CONFORM TO THE METHODS OUTLINED IN THE CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL MANUAL. 1.) COORDINATE MARKING OF LIMITS OF DISTURBANCE BY A LICENSED LAND SURVEYOR. SUPPLY TOWN EROSION CONTROL OFFICER WITH A LETTER FROM THE SURVEYOR CERTIFYING THE LIMITS OF DISTURBANCE WERE MARKED IN ACCORDANCE WITH THE APPROVED PLAN.

2.) CLEAR TREES AS REQUIRED.

ANTI-TRACKING PAD (SEE PLAN DETAILS AND LOCATIONS). ADDITIONAL MEASURES MAY BE REQUIRED AS SITE CONDITIONS REQUIRE. COORDINATE AN INSPECTION OF INSTALLED MEASURES WITH THE EROSION CONTROL OFFICER. SUPPLY THE TOWN EROSION CONTROL OFFICER WITH THE NAME AND PHONE NUMBER OF A CONTACT PERSON RESPONSIBLE FOR THE EROSION CONTROL MEASURES.

3.) PERIODICALLY AND AFTER LARGE RAIN EVENTS INSPECT EROSION CONTROL MEASURES AND RÉPAIR AS NECESSARY.

5.) CONSTRUCT AND STABILIZE DRIVEWAY.

7.) SPREAD STOCKPILED TOPSOIL. MACHINE RAKE, FERTILIZE, SEED AND MULCH DISTURBED AREAS. USE GRASS SEED THAT IS ACCEPTABLE FOR THE SITE CONDITIONS (I.E., SUN OR SHADE) AND THE SEASON OF THE YEAR IN WHICH THIS ACTIVITY IS COMPLETED. PROVIDE TEMPORARY STABILIZATION OF THE SITE (I.e., STRAW OR HAY ETC..) IF THE TOPSOIL IS SPREAD DURING A TIME OF YEAR WHEN GRASS

8.) REMOVE EROSION CONTROL MEASURES AFTER THE SITE HAS BECOME FULLY ESTABLISHED.

9.) ANY EXISTING DISTURBED AREAS MUST BE SEEDED WITH PERMANENT OR TEMPORARY GROUND COVER AND MULCHED BY OCTOBER 15.

10.) DEWATERING OPERATIONS, IF REQUIRED, SHALL UTILIZE A CRUSHED STONE INTAKE SUMP AND A TEMPORARY OUTLET SILT POOL LOCATED WITHIN THE LIMITS OF DISTURBANCE.

SITE SEEDING NOTES: PREPARATION: FINE GRADE AND RAKE SOIL SURFACE TO REMOVE STONES LARGER THAN 2" IN DIAMETER. INSTALL SEEDED EROSION CONTROL DEVICES SUCH AS SURFACE WATER DIVERSIONS AS REQUIRED. APPLY LIMESTONE AT A RATE OF 2 TONS/AC. OR 90 LBS./1000 SQ.FT. FERTILIZE WITH 10-10-10 AT A RATE OF 300 LBS./AC. OR 7.5 LBS. PER 1000 SQ.FT. WORK LIME AND FERTILIZER INTO SOIL UNIFORMLY TO A DEPTH OF 4".

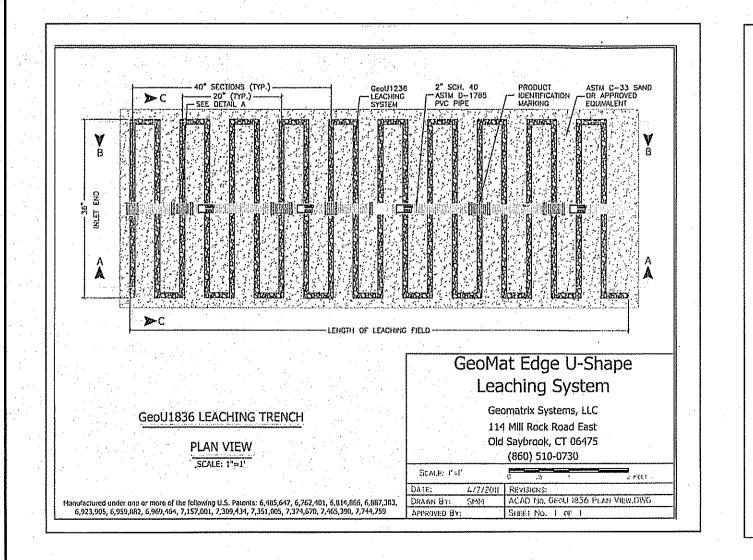
SEED APPLICATION: APPLY SEED MIXTURE FROM THE CHART BELOW BY HAND, CYCLONE SEEDER OR HYDRO SEEDER. INCREASE SEED MIXTURE BY 10% IF HYDRO SEEDER IS USED. LIGHTLY DRAG OR ROLL THE SEEDED SURFACE TO COVER SEED. SEEDING SHOULD BE DONE BETWEEN THE TIMES SHOWN ON THE CHART BELOW. IF SEEDING CANNOT BE DONE DURING THESE TIMES, REPEAT MULCHING PROCEDURE BELOW UNTIL SEEDING CAN TAKE PLACE.

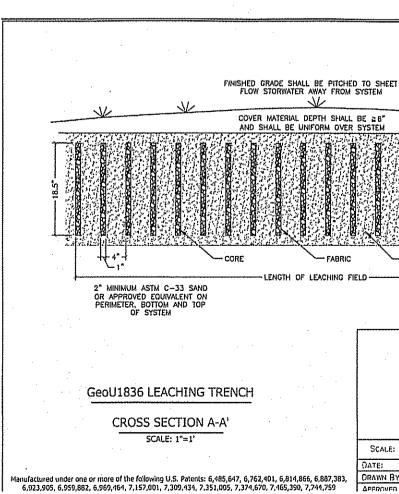
MULCHING: IMMEDIATELY FOLLOWING SEEDING, MULCH THE SEED SURFACE WITH STRAW OR HAY AT A RATE OF 2 TO 3 TONS/AC. SPREAD MULCH BY HAND OR MULCH BLOWER. PUNCH MULCH INTO SOIL SURFACE WITH A TRACK MACHINE OR DISK HARROW SET STRAIGHT UP. IF USING HYDRO SEED MIX USE TACTIFIER ADDITIVES TO ADHERE MULCH MATERIAL TO THE SURFACE.

SEED SELECTION: LB/1000 SQ, FT. SEED MIXTURE USE KENTUCKY BLUEGRASS PERMANENT LAWN 0.45 CREEPING RED FESCUE 0.45 0.10 PERENNIAL RYEGRASS SLOPES & COARSE LAWN 0.45 CREEPING RED FESCUE RED TOP 0.05 TALL FESCUE 0.45 CREEPING RED FESCUE SLOPES (NO MOWING) 1.8 RED TOP 0.2

WINTER RYE TEMPORARY COVER 3.0 OR 1.0 ANNUAL RYEGRASS

IF SEED IS PLANTED OUTSIDE THE RECOMMENDED SEEDING DATES IRRIGATION MAYBE REQUIRED AT A UNIFORM APPLICATION RATE OF 1 TO 2 INCHES OF WATER APPLIED PER APPLICATION, SOAKING THE GROUND TO A DEPTH OF 4 INCHES.





3.) PRIOR TO SOIL DISTURBANCE INSTALL EROSION CONTROL MEASURES, SILT FENCE AND

4.) GRUB AND STRIP TOPSOIL. STOCKPILE TOPSOIL IN AREAS INDICATED ON THE APPROVED PLAN.

6.) CONSTRUCT HOUSE, WELL, DRIVEWAY, SEPTIC SYSTEM AND OTHER IMPROVEMENTS AS SHOWN.

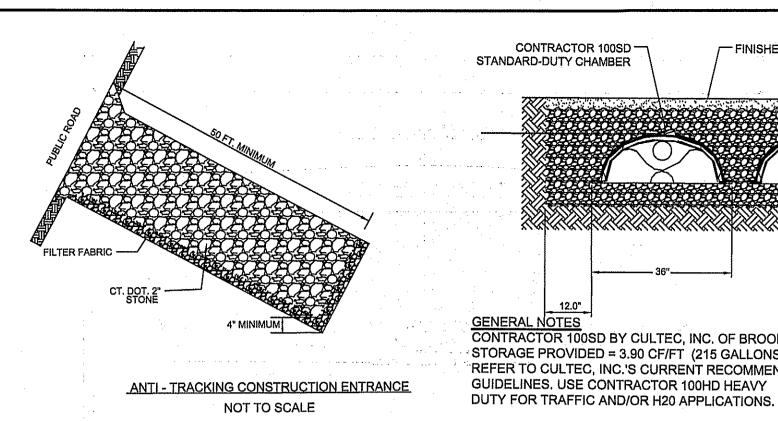
SEED WILL NOT GERMINATE. PROVIDE PERMANENT STABILIZATION WHEN WEATHER CONDITIONS ALLOW.

RECOMMENDED SEEDING DATES 4/1-6/15

8/15-10/1 4/1-6/15 8/15-10/1

4/1-6/15 8/15-10/1 4/15-6/15,8/15-10/15

3/1-6/15,8/1-10/15



— 36"——— 12.0" **GENERAL NOTES** CONTRACTOR 100SD BY CULTEC, INC. OF BROOKFIELD, CT. STORAGE PROVIDED = 3.90 CF/FT (215 GALLONS) PER DESIGN UNIT. REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION GUIDELINES. USE CONTRACTOR 100HD HEAVY

CONTRACTOR 100SD -

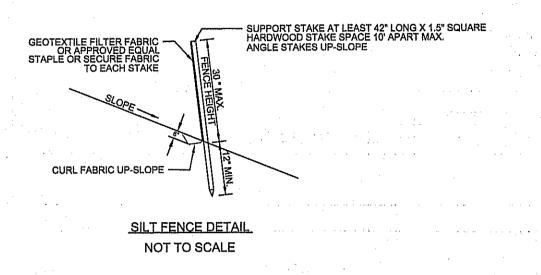
TEST PIT VERIFICATION DATA OF SUITABILITY CHAMBERS TO BE SUBMITTED PRIOR TO

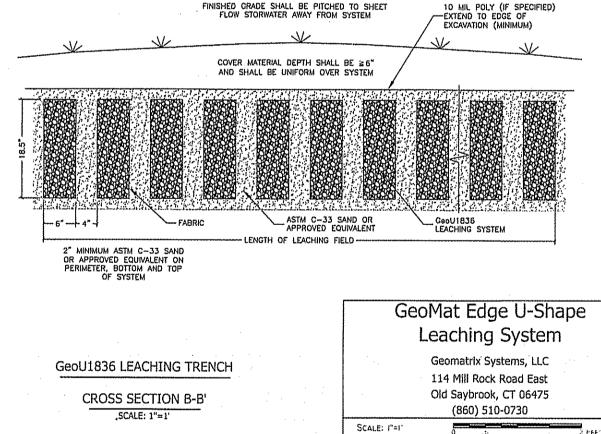
TYPICAL ROOF STO

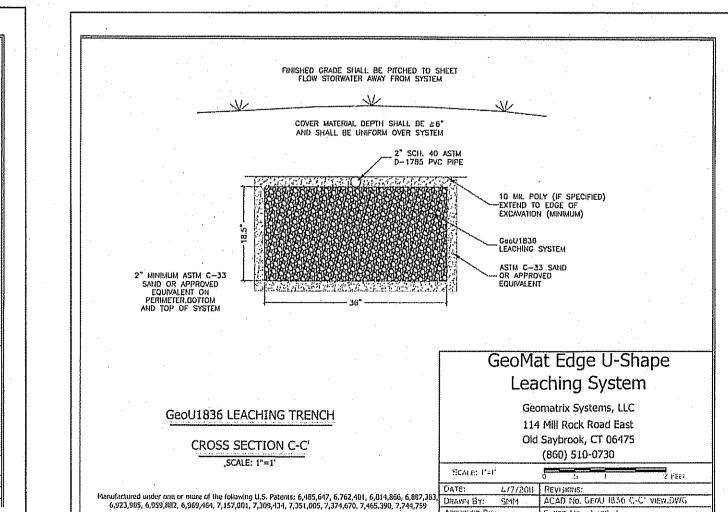
FINISHED GRADE

- NATURALL

CULTEC



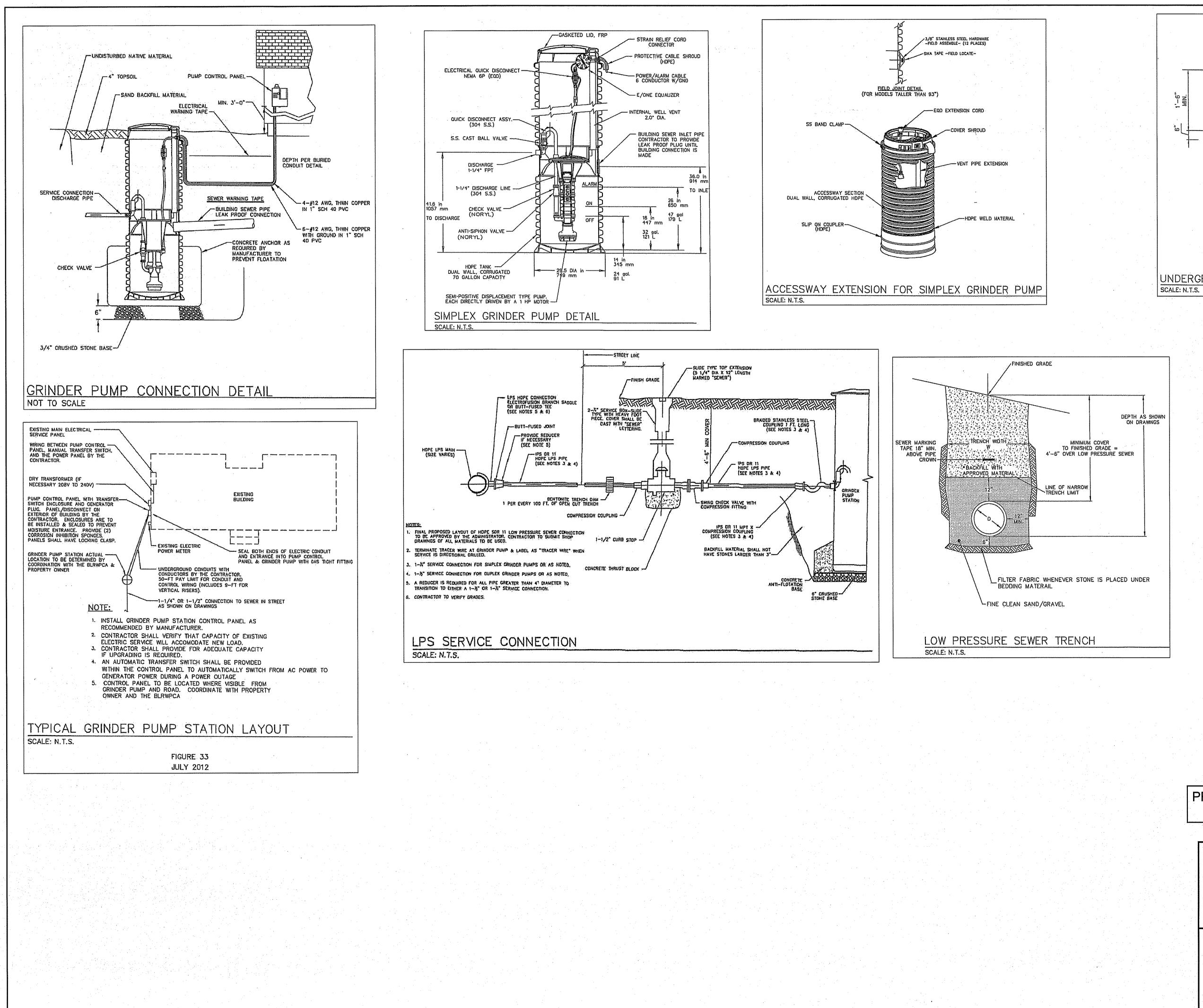


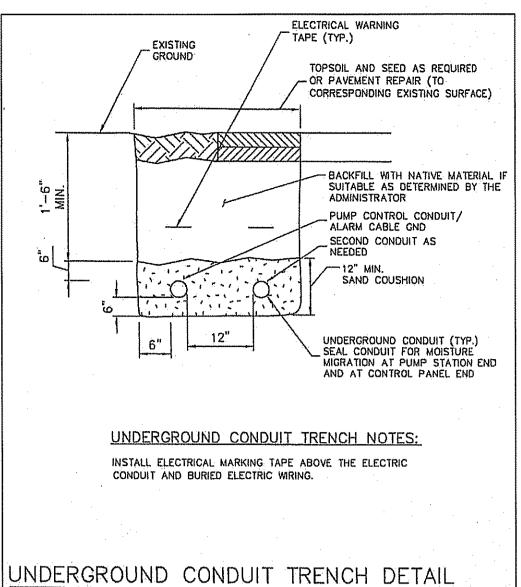


SHEET NO. 1 OF

10 MIL POLY (IF SPECIFIED) XTEND TO EDGE OF XCAVATION (MINIMUM) ASTM C-33 SAND OR APPROVED EQUIVALENT -FABRIC GeoMat Edge U-Shape Leaching System Geomatrix Systems, LLC 114 Mill Rock Road East Old Saybrook, CT 06475 (860) 510-0730 SCALE: I'=!' DRAWN BY: SIMM ACAD No. GEOU 1836 A-A' VIEW.DWG APPROVED BY: SHEFT ND : OF 1

		OVEN FILTER FABRIC				
TURALLY MPACTED FII	LL / OVER STONE			PIPE OVERFLOW TO G		
		æ <u>-3</u> ,0 [•]				
		6.0"		66.8"		
		12.5" 6.0"				
n	_	" WASHED STONE	1 1	NSTALLED LENGTH ADJUSTMENT = 0.6	5	
ALL (CONTRACTOR 100 CH	AMBERS MUST BE INSTAI		┍╗┙╣╼╴╤╼╴╬╼┽╪╍┽╪╍╬╼╌╬╼╌╬╼ ┍┈╻┈╻┈╻┈╻┈╻┈╻	╺╬ ╍╔╔╍╠╍╔┍ ┶╢╧╢╩┍╩╓╩╓╩╓╩	
ACCC	ORDANCE WITH ALL A ERAL REGULATIONS.	PPLICABLE LOCAL, STAT	E AND 27.0'			
ABILITY OF	F SOILS FOR THE INF	ILTRATION	· · · · · · · · · · · · · · · · · · ·		╢╍┶╿╦╟╦╟╦╟╦	
OR TO THE	E START OF CONSTR	UCTION		║╙╌╢╦╹╦╢╦╫╦╬╼╬╦╦╬╍╬ ┝ └╴ └	다. INSPECTION P	ORT
		NFILTRATION R 100 OR EQ		AILS		
	NOT TO SC					
• •						
	· · ·					
<u></u>			· · · · · ·			
	Geotextile cut flush with Cast in place concrete o		Surface Water Flows to 9 stone jointing materia	hrough the No. 8, 89 or al between the payers Belgard Permeab	le Pavers	
	local standards. 6" wide m			3 1/8"(80mm) thic	k	
	2 x #4 Rebar Base Layer,		issensesiena	Bedd 2" AS	ing Layer, STM No. 8 Stone	
Min. 3"	ASTM No. 57 Stone				No. 57 Stone	
					6" ASTM No. 2 Stone	
		<u>LAL</u> LOX (RINU)	UUUUUUU	Contextile	Cilicotion Cobrig	general de la companya de la company
		Subbase extends beyond curb to provide working		on bottom graded ba	e Fillration Fabric and sides of open ase if required by n engineer.	an an an Air an Air Air an Air an Air an Air an
· ·		Subbase extends beyond curb to provide working platform for installation.		Min 24" Min 24" Subgrade.	n and sides of open ase if required by n engineer. Prepare according	
· · · · · · · · · · · · · · · · · · ·		curb to provide working		Min 24" Min 24" Subgrade.	n and sides of open ase if required by n engineer. Prepare according endations in	
· · ·		curb to provide working platform for installation.		Min 24" Min 24" Subgrade. to recomm	n and sides of open ase if required by n engineer. Prepare according endations in	
1. 1		Curb to provide working platform for installation. HIGH WATER TABLE HIGH WATER TABLE Solite specific hydraulic and struct	ECtural requirements. Cont	Min 24" Min 24" Subgrade. to recomm geotechnic	n and sides of open ase if required by n engineer. Prepare according endations in	
1. 2. 3. 4. 5.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotext ASTM No. 2 stone may be	HIGH WATER TABLE b site specific hydraulic and struct a spect and plan ratio requirem ts to balance structural stability le is used, verify with the manufic substituted with No. 3 or No. 4 s	E ctural requirements. Cont tents based on traffic load and soil infiltration when i facturer that the material i stone.	Act Belgard Commercial for design assistance. Ing. recommending subgrade conditions. s not subject to clogging and meets requirements of	n and sides of open ase if required by n engineer. Prepare according endations in cal report.	
1. 2. 3. 4. 5.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotext ASTM No. 2 stone may be	A site specific hydraulic and struct b site specific hydraulic and struct b solution balance structural stability le is used, verify with the manuf	E ctural requirements. Cont tents based on traffic load and soil infiltration when i facturer that the material i stone.	Act Belgard Commercial for design assistance. Ing. recommending subgrade conditions. s not subject to clogging and meets requirements of	n and sides of open ase if required by n engineer. Prepare according endations in cal report.	
1. 2. 3. 4. 5.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotext ASTM No. 2 stone may be	A site specific hydraulic and struct b site specific hydraulic and struct b aspect and plan ratio requirem ds to balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bins may substitute base/subbas	E ctural requirements. Contr tents based on traffic load and soli infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	act Belgard Commercial for design assistance, ing. recommending subgrade conditions. s not subject to clogging and meets requirements of layer of ASTM No. 57 stone.	n and sides of open ase if required by n engineer. Prepare according endations in cal report.	
1. 2. 3. 4. 5.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotexti ASTM No. 2 stone may be Strictly pedestrian application bolgardcommercial.com	Desite specific hydraulic and struct be site specific hydraulic and struct be aspect and plan ratio requirem the balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bons may substitute base/subbas	E ctural requirements. Contr tents based on traffic load and soli infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	Act Belgard Commercial for design assistance, ing. recommending subgrade conditions. s not subject to clogging and meets requirements of layer of ASTM No. 57 stone.	an and sides of open ase if required by n engineer. Prepare according endations in cal report. of AASHTO M-28B.	
1. 2. 3. 4. 5. 6.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotexti ASTM No. 2 stone may be Strictly pedestrian application bolgardcommercial.com 877-235-4273	A site specific hydraulic and struct b site specific hydraulic and struct b aspect and plan ratio requirem ds to balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bins may substitute base/subbas	E ctural requirements. Contr tents based on traffic load and soli infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	act Belgard Commercial for design assistance, ing. recommending subgrade conditions. s not subject to clogging and meets requirements of layer of ASTM No. 57 stone.	an and sides of open ase if required by n engineer. Prepare according rendations in cal report. Df AASHTO M-28B. Scale: N.T.S. MAH Oato: Orewing number:	
1. 2. 3. 4. 5. 6.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotexti ASTM No. 2 stone may be Strictly pedestrian application bolgardcommercial.com 877-235-4273	A site specific hydraulic and struct b site specific hydraulic and struct b aspect and plan ratio requirem ds to balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bins may substitute base/subbas	E ctural requirements. Contr tents based on traffic load and soli infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	act Belgard Commercial for design assistance, ing. recommending subgrade conditions. s not subject to clogging and meets requirements of layer of ASTM No. 57 stone.	an and sides of open ase if required by n engineer. Prepare according rendations in cal report. Df AASHTO M-28B. Scale: N.T.S. MAH Oato: Orewing number:	
1. 2. 3. 4. 5. 6.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotexti ASTM No. 2 stone may be Strictly pedestrian application bolgardcommercial.com 877-235-4273	A site specific hydraulic and struct b site specific hydraulic and struct b aspect and plan ratio requirem ds to balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bins may substitute base/subbas	E ctural requirements. Contr tents based on traffic load and soli infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	act Belgard Commercial for design assistance, ing. recommending subgrade conditions. s not subject to clogging and meets requirements of layer of ASTM No. 57 stone.	an and sides of open ase if required by n engineer. Prepare according rendations in cal report. Df AASHTO M-28B. Scale: N.T.S. MAH Oato: Orewing number:	
1. 2. 3. 4. 5. 6.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotexti ASTM No. 2 stone may be Strictly pedestrian application bolgardcommercial.com 877-235-4273	A site specific hydraulic and struct b site specific hydraulic and struct b aspect and plan ratio requirem ds to balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bins may substitute base/subbas	E ctural requirements. Contr tents based on traffic load and soli infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	act Belgard Commercial for design assistance, ing. recommending subgrade conditions. s not subject to clogging and meets requirements of layer of ASTM No. 57 stone.	an and sides of open ase if required by n engineer. Prepare according rendations in cal report. Df AASHTO M-28B. Scale: N.T.S. MAH Oato: Orewing number:	
1. 2. 3. 4. 5. 6.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotexti ASTM No. 2 stone may be Strictly pedestrian application bolgardcommercial.com 877-235-4273	A site specific hydraulic and struct b site specific hydraulic and struct b aspect and plan ratio requirem ds to balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bins may substitute base/subbas	E ctural requirements. Contr tents based on traffic load and soli infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	act Belgard Commercial for design assistance, ing. recommending subgrade conditions. s not subject to clogging and meets requirements of layer of ASTM No. 57 stone.	an and sides of open ase if required by n engineer. Prepare according rendations in cal report. Df AASHTO M-28B. Scale: N.T.S. MAH Oato: Orewing number:	
1. 2. 3. 4. 5. 6.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotexti ASTM No. 2 stone may be Strictly pedestrian application bolgardcommercial.com 877-235-4273	A site specific hydraulic and struct b site specific hydraulic and struct b aspect and plan ratio requirem ds to balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bins may substitute base/subbas	E ctural requirements. Contr tents based on traffic load and soli infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	act Belgard Commercial for design assistance, ing. recommending subgrade conditions. s not subject to clogging and meets requirements of layer of ASTM No. 57 stone.	an and sides of open ase if required by n engineer. Prepare according rendations in cal report. Df AASHTO M-28B. Scale: N.T.S. MAH Oato: Orewing number:	
1. 2. 3. 4. 5. 6.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotexti ASTM No. 2 stone may be Strictly pedestrian application bolgardcommercial.com 877-235-4273	A site specific hydraulic and struct b site specific hydraulic and struct b aspect and plan ratio requirem ds to balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bins may substitute base/subbas	E ctural requirements. Contr tents based on traffic load and soli infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	act Belgard Commercial for design assistance, ing. recommending subgrade conditions. s not subject to clogging and meets requirements of layer of ASTM No. 57 stone.	an and sides of open ase if required by n engineer. Prepare according rendations in cal report. Df AASHTO M-28B. Scale: N.T.S. MAH Oato: Orewing number:	
1. 2. 3. 4. 5. 6.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotexti ASTM No. 2 stone may be Strictly pedestrian application bolgardcommercial.com 877-235-4273	A site specific hydraulic and struct b site specific hydraulic and struct b aspect and plan ratio requirem ds to balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bins may substitute base/subbas	E ctural requirements. Contr tents based on traffic load and soli infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	act Belgard Commercial for design assistance, ing. recommending subgrade conditions. s not subject to clogging and meets requirements of layer of ASTM No. 57 stone.	an and sides of open ase if required by n engineer. Prepare according rendations in cal report. Df AASHTO M-28B. Scale: N.T.S. MAH Oato: Orewing number:	
1. 2. 3. 4. 5. 6.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotexti ASTM No. 2 stone may be Strictly pedestrian application bolgardcommercial.com 877-235-4273	A site specific hydraulic and struct b site specific hydraulic and struct b aspect and plan ratio requirem ds to balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bins may substitute base/subbas	E ctural requirements. Contr tents based on traffic load and soli infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	act Belgard Commercial for design assistance, ing. recommending subgrade conditions. s not subject to clogging and meets requirements of layer of ASTM No. 57 stone.	an and sides of open ase if required by n engineer. Prepare according rendations in cal report. Df AASHTO M-28B. Scale: N.T.S. MAH Oato: Orewing number:	
1. 2. 3. 4. 5. 6.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotexti ASTM No. 2 stone may be Strictly pedestrian application bolgardcommercial.com 877-235-4273	A site specific hydraulic and struct b site specific hydraulic and struct b aspect and plan ratio requirem ds to balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bins may substitute base/subbas	E ctural requirements. Contr tents based on traffic load and soli infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	act Belgard Commercial for design assistance, ing. recommending subgrade conditions. s not subject to clogging and meets requirements of layer of ASTM No. 57 stone. Permeable Paving Detail PICP Pavement	an and sides of open ase if required by n engineer. Prepare according endations in cal report. Df AASHTO M-28B. Stais: Orewn by: N.T.S. MAH Date: Drewng number: 5/7/18 PICP_1	
1. 2. 3. 4. 5. 6.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotexti ASTM No. 2 stone may be Strictly pedestrian application bolgardcommercial.com 877-235-4273	A site specific hydraulic and struct b site specific hydraulic and struct b aspect and plan ratio requirem ds to balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bins may substitute base/subbas	E ctural requirements. Contr tents based on traffic load and soli infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	act Belgard Commercial for design assistance, ing. recommending subgrade conditions. s not subject to clogging and meets requirements of layer of ASTM No. 57 stone.	an and sides of open ase if required by n engineer. Prepare according endations in cal report. Df AASHTO M-28B. Stais: Orewn by: N.T.S. MAH Date: Drewng number: 5/7/18 PICP_1	
1. 2. 3. 4. 5. 6.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotexti ASTM No. 2 stone may be Strictly pedestrian application bolgardcommercial.com 877-235-4273	A site specific hydraulic and struct b site specific hydraulic and struct b aspect and plan ratio requirem ds to balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bins may substitute base/subbas	E ctural requirements. Contr tents based on traffic load and soli infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	act Belgard Commercial for design assistance, ing. recommending subgrade conditions. s not subject to clogging and meets requirements of layer of ASTM No. 57 stone. Permeable Paving Detail PICP Pavement	A and sides of open ase if required by n engineer. Prepare according endations in cal report.	
1. 2. 3. 4. 5. 6.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotexti ASTM No. 2 stone may be Strictly pedestrian application bolgardcommercial.com 877-235-4273	A site specific hydraulic and struct b site specific hydraulic and struct b aspect and plan ratio requirem ds to balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bins may substitute base/subbas	E ctural requirements. Contr tents based on traffic load and soli infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	act Belgard Commercial for design assistance. Ing. recommending subgrade conditions. s not subject to clogging and meets requirements of a layer of ASTM No. 57 stone. Permeable Paving Detail PICP Pavement PICP Pavement PLAN PREP. JAMES	A AASHTO M-28B.	
1. 2. 3. 4. 5. 6.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotexti ASTM No. 2 stone may be Strictly pedestrian application bolgardcommercial.com 877-235-4273	A site specific hydraulic and struct b site specific hydraulic and struct b aspect and plan ratio requirem ds to balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bins may substitute base/subbas	E ctural requirements. Contr tents based on traffic load and soli infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	act Belgard Commercial for design assistance, ing. recommending subgrade conditions. s not subject to clogging and meets requirements of layer of ASTM No. 57 stone. Permeable Paving Detail PICP Pavement PICP Pavement	A and sides of open ase if required by n engineer. Prepare according endations in cal report.	BOLTON, C
1. 2. 3. 4. 5. 6.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotexti ASTM No. 2 stone may be Strictly pedestrian application bolgardcommercial.com 877-235-4273	A site specific hydraulic and struct b site specific hydraulic and struct b aspect and plan ratio requirem ds to balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bins may substitute base/subbas	E ctural requirements. Contr tents based on traffic load and soli infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	All 24 Min 24 Min 24 All the design Subgrade. to recomm geotechnic s not subject to clogging and meets requirements of layer of ASTM No. 57 stone. Permeable Paving Detail PICP Pavement PICP Pavement PLAN PREP. JAMES VERNON ROAD (MAP 05 LOT 9 PARC	A and sides of open ase if required by n engineer. Prepare according iendations in cal report. Drawneby: N.T.S. MAH Date: 577/18 PICP_1 ARED FOR READ ARED FOR SS SEPTIC DETAIL	
1. 2. 3. 4. 5. 6.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotexti ASTM No. 2 stone may be Strictly pedestrian application bolgardcommercial.com 877-235-4273	A site specific hydraulic and struct b site specific hydraulic and struct b aspect and plan ratio requirem ds to balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bins may substitute base/subbas	E ctural requirements. Contrainents based on traffic load and soll infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	All 24 Min 24 Min 24 Min 24 Min 24 Min 24 All the design Subgrade. Is a subject to clogging and meets requirements of a layer of ASTM No. 57 stone. Permeable Paving Detail PICP Pavement PICP Pavement PICP Pavement AMMES VERNON ROAD (MAP 05 LOT 9 PARC CONSTRUCTION / E8 SCALE: NONE DATE: 12/10/2024 F BUSHNELL ASS	ARED FOR ARED FOR AREAD SCIENTIC DETAIL SCIENTIC DETAIL SCIENTIC DETAIL SCIENTIC DETAIL SCIENTIC DETAIL SOCIATES L	.S IEET: 2 OF LC.
1. 2. 3. 4. 5. 6.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotexti ASTM No. 2 stone may be Strictly pedestrian application bolgardcommercial.com 877-235-4273	A site specific hydraulic and struct b site specific hydraulic and struct b aspect and plan ratio requirem ds to balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bins may substitute base/subbas	E ctural requirements. Contrainents based on traffic load and soll infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	And the set of the design of t	ARED FOR READ ARED FOR READ Solutions in the second	.S IEET: 2 OF LC. 'EYING
1. 2. 3. 4. 5. 6.	Depth of subbase subject to Paver dimensions subject to Geotechnical engineer need Where the filtration geotexti ASTM No. 2 stone may be Strictly pedestrian application bolgardcommercial.com 877-235-4273	A site specific hydraulic and struct b site specific hydraulic and struct b aspect and plan ratio requirem ds to balance structural stability le is used, verify with the manuf substituted with No. 3 or No. 4 s bins may substitute base/subbas	E ctural requirements. Contrainents based on traffic load and soll infiltration when i facturer that the material i stone. The layers with one 6" base Belgard	All 24 Min 24 Min 24 Min 24 All Subgrade. Construction / Es Construction / Es Scale: NONE DATE: 12/10/2024 F BUSHNELL ASS CIVIL ENGINEERING A	ARED FOR READ ARED FOR READ Solutions in the second	.S IEET: 2 OF LC. 'EYING





5					
PR	ELIMINAR	Y PLAN N	OT FOR PER	RMITTING	
e de la composición d La composición de la c	CON	ISTRUCT	ION PURPO	SES	

AND FE ONNEC CUT +	PLAN PREPARED FOR JAMES READ VERNON ROAD (MAP 05 LOT 9 PARCEL ID 1153) BOLTON, CT.			
MAN AND AND AND AND AND AND AND AND AND A	CON	ISTRUCTION / I	E&S/ SEPTIC DE	TAILS
•	SCALE: NONE	DATE: 12/10/2024	FILE NO. 2024-80	SHEET: 3 OF 3
	CIVIL EN	GINEERING	SOCIATES AND LAND SU MANCHE 543-7875	
		1		

Palazzini, Danielle

From:	Domenic Perito <dperito@kocianlaw.com></dperito@kocianlaw.com>
Sent:	Friday, March 21, 2025 5:25 PM
To:	Palazzini, Danielle
Subject:	Support for Variance Request –James Read, Vernon Road, Bolton Lake
Importance:	High

Caution: External (dperito@kocianlaw.com)

First-Time Sender Details

Report This Email View My Quarantine Protection by Novus Insight

Dear Ms. Palazzini:

Would you kindly forward the following to the members of the Zoning Board of Appeals. I want to respectfully offer my support for my neighbor, James Read's request for a variance. I do thank you in advance for doing this and if I need to email it to each individual member, would you kindly tell me how to do this.

Thank you for your help in this regard.

Sincerely

Dom Perito

My Message to the Board:

Zoning Board of Appeals Town of Bolton Bolton, CT 06043

Subject: Support for Variance Request –James Read, Vernon Road, Bolton Lake

Dear Members of the Bolton Zoning Board of Appeals,

I am writing in support of my neighbor, James Read and his family, regarding their request for variances to the setback regulations for their property on Vernon Road, a .16-acre waterfront lot on Bolton Lake. Granting these variances would allow them to construct a home on the property, which would otherwise potentially be deemed unbuildable due to the current zoning restrictions.

This variance is crucial not only for my neighbor's ability to make use of his land but also for the benefit of the surrounding community. A newly built home on this lot would enhance the aesthetic and economic value of the area, contributing positively to the neighborhood and increasing property values. Additionally, responsible development on waterfront lots like this one can lead to improved maintenance and oversight of the lakefront environment. Currently the lot is basically a depository for trash thrown by passing motorists, which ends up on the lake shore. Additionally, a couple of the street-side trees are in rough shape and leaning toward the wires – posing a hazard for motorists or

presenting a threat of power outages in the event of a storm. I live one house down at 15 Vernon Road and I have observed this for myself. Allowing Mr. Read to build a cottage for his family would definitely enhance the neighborhood. Such a cottage would not be too close to the street – especially given that most of the houses on Vernon Road are already very close to the street and have posed no problems.

Given the unique constraints of this small parcel, I believe that granting the requested variances is both reasonable and appropriate. Denying this request would leave the lot potentially undevelopable, limiting its potential and preventing a valuable improvement to our community. I did own the property from 2021 until 2024 because I had purchased it under the mistaken assumption that it was adjacent to my two parcels at 15 Vernon Road. I never stated that it wasn't a buildable lot – in fact the information I received from a surveyor was that it could very well be buildable with the appropriate variances and a site plan etc:

I respectfully would like to welcome Mr. Read and his family to the neighborhood on Bolton Lake and also join Mr. Read in asking the Board to approve the requested variances, allowing him the opportunity to construct a home that aligns with the character of the neighborhood while also ensuring a positive impact on the town's tax base and property values.

Thank you for your attention and consideration. Please feel free to contact me if you require any further information.

Respectfully Submitted,



KOCIAN LAW GROUP	2025
Root I	RECOGNIZED BY
Dest L	lawyers

HARTFORD 999 Asylum Avenue, 4th Floor Hartford CT 06105 Ph: 860-548-7300 Fx: 860-548-7305 MANCHESTER 356 Middle Turnpike West Manchester CT 06040 Ph: 860-730-6100 Fx: 860-643-5311

NEW BRITAIN 435 South Main Street New Britain, CT 06051 Ph: 860-515-3245 Fx: 860-548-7305 WATERBUI The Executive (21 West Main ! Fourth Flo Waterbury CT Ph: 203-596-1

2