



Allied Engineering Assoc., Inc.

95 Main Street 3rd Floor – East

P.O. Box 726

North Canaan, CT 06018

860-824-1400

860-824-1401 fax

allied-engineering@snet.net

Our Job # 1127

Oct. 1, 2026

Thomas D. Grimaldi

R.R.Hildebrandt Engineers & Surveyors. LLC

21 Copper Hill Road

Granby, Connecticut 06035

RE: #62 Rocky Lane Engineering Review

Dear Tom.

We received your letter of comments dated September 24, 2026 from Miles on September 28, 2026. We have no problem complying with all of your comments. I will respond to each comment with the same number as in your letter.

1. The Street name has been added to the plan.
2. Temporary Sediment Traps have been added to the plan.
3. All disturbed finished grade slopes have been shown with Erosion Control Blankets.
4. Staked Haybales have been replaced with 12" dia. Sediment logs.
5. Stockpile areas have been added to the plan.
6. The approved Septic Plan had a rain garden adjacent to the well.
7. A 24 hour contact number has been added to the plan.
8. A Construction Entrance has been added to the plan.
9. Spot elevations have been added to clarify the grading.
10. Spot elevations have been added to the plan.
11. A Demolition Plan has been added to the set.
12. The regrading of the existing driveway to have a cross slope will be done during maintenance after construction.
13. An Erosion and Sedimentation Control estimate has been provided.

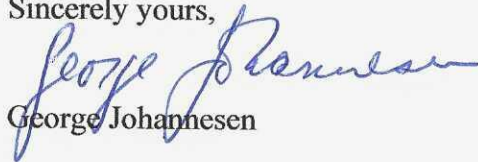
Drainage Comments:

1. The rain gardens will drain in 48 hours or less. B soils have 0.5" per hour infiltration rate, 24" drains in 48 hours.

2. We were not able to coordinate doing test pits between Mon and Thurs of this week. Test pits will be dug prior to the start of construction to ensure compliance with the 2024 DEEP Stormwater Quality Manual.
3. Travel Time paths have been added. Based on calculations, the travel time is less than the recommended minimum 10 minutes per ConnDOT Drainage Manual.
4. Grading has been adjusted to direct flow into the Rain Garden better.
5. We will do a test pit in this area to see if a Rain Garden can be fit in here. We tried to fit one in originally, but couldn't.

I believe that we have responded to all of your comments. We agree with all of the Recommended Conditions of Approval.

Sincerely yours,

A handwritten signature in blue ink, appearing to read "George Johannesen", written over the typed name.

George Johannesen



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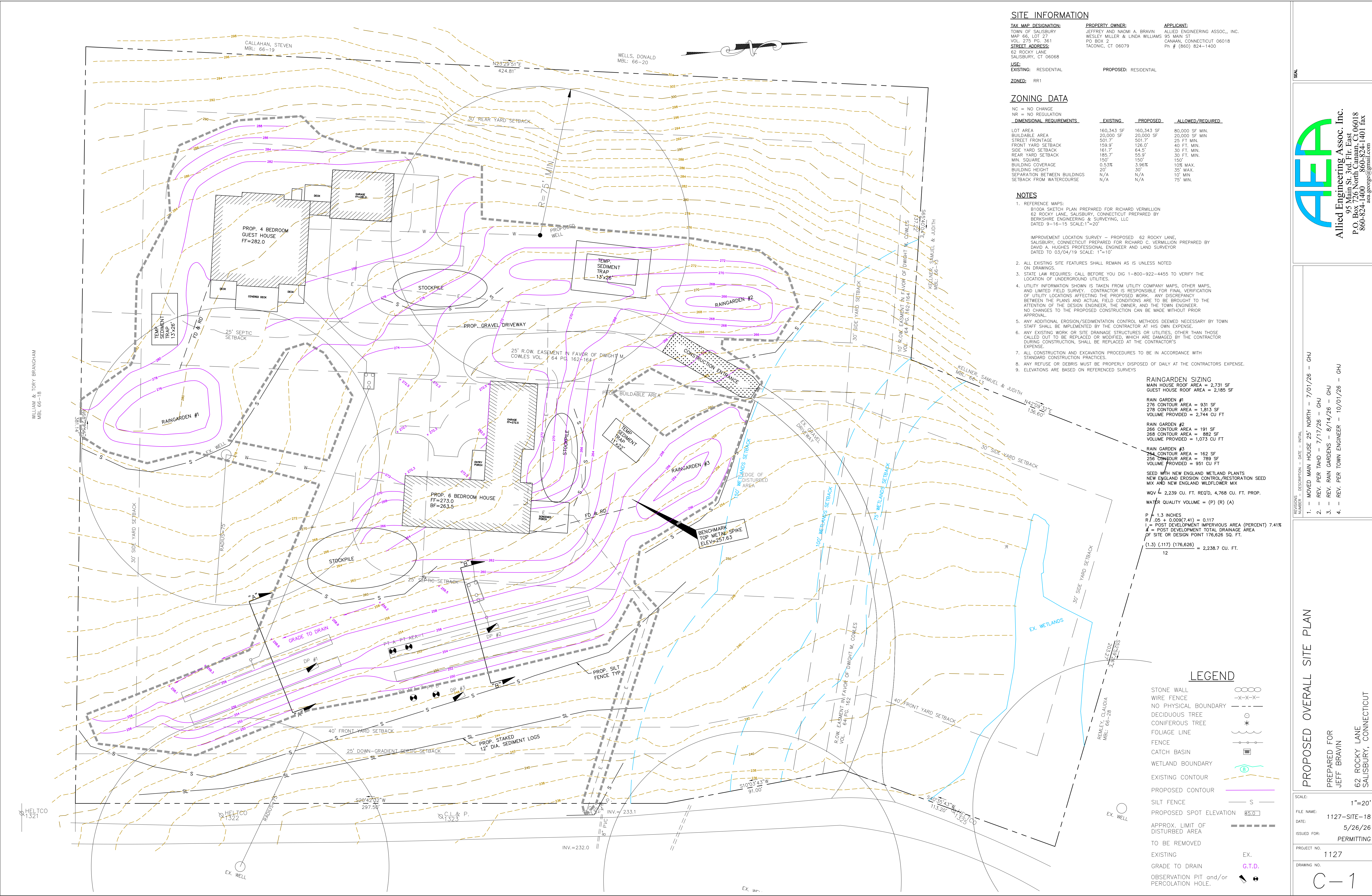
Our Job #1127

Proposed Erosion Control Estimate

10/01/26

Silt Fencing	890 lf @ \$50/100 lf = \$445
Sediment Log	260 lf @ \$290/100 lf = \$754
Erosion Control Fabric	42,450 sf @ \$0.50/ sf = \$21,225
Anti Tracking Pad	600 sf x 6" deep = 12 cu. yds @ \$35/cu. yd. = \$420
Labor to install	5 days @ \$1,000 per day = \$5,000
Maintenance during construction	= \$2,000

Total cost estimate = \$29,844



SITE INFORMATION

TAX MAP DESIGNATION: TOWN OF SALISBURY MAP 66, LOT 27
VOL: 275 PG: 361
STREET ADDRESS: 62 ROCKY LANE SALISBURY, CT 06068
USE: EXISTING: RESIDENTIAL
ZONED: RR1
PROPERTY OWNER: JEFFREY AND NAOMI A. BRAVIN
WESLEY MILLER & LINDA WILLIAMS
PO BOX 2
TACONIC, CT 06079
APPLICANT: ALLIED ENGINEERING ASSOC., INC.
95 Main St. 3rd Fl. East
P.O. Box 2700
TACONIC, CT 06079
Ph # (860) 824-1400
PROPOSED: RESIDENTIAL

ZONING DATA

DIMENSIONAL REQUIREMENTS	EXISTING	PROPOSED	ALLOWED/REQUIRED
LOT AREA	160,343 SF	160,343 SF	80,000 SF MIN.
BUILDABLE AREA	20,000 SF	20,000 SF	20,000 SF MIN
STREET FRONTAGE	501.7'	501.7'	25 FT MIN.
FRONT YARD SETBACK	159.9'	126.0'	40 FT. MIN.
SIDE YARD SETBACK	161.7'	64.5'	30 FT. MIN.
REAR YARD SETBACK	185.7'	55.9'	30 FT. MIN.
MIN. SQUARE	150'	150'	150'
BUILDING COVERAGE	0.53%	3.96%	10% MAX.
BUILDING HEIGHT	20'	30'	35' MAX.
SEPARATION BETWEEN BUILDINGS	N/A	N/A	10' MIN
SETBACK FROM WATERCOURSE	N/A	N/A	75' MIN.

NOTES

- REFERENCE MAPS:
8100A SKETCH PLAN PREPARED FOR RICHARD VERMILLION
62 ROCKY LANE, SALISBURY, CONNECTICUT PREPARED BY
BERKSHIRE ENGINEERING & SURVEYING, LLC
DATED 9-16-15 SCALE: 1"=20'
IMPROVEMENT LOCATION SURVEY - PROPOSED 62 ROCKY LANE,
SALISBURY, CONNECTICUT PREPARED FOR RICHARD C. VERMILLION PREPARED BY
DAVID A. HUGHES PROFESSIONAL ENGINEER AND LAND SURVEYOR
DATED TO 03/04/19 SCALE: 1"=10'
- ALL EXISTING SITE FEATURES SHALL REMAIN AS IS UNLESS NOTED
ON DRAWINGS.
- STATE LAW REQUIRES: CALL BEFORE YOU DIG 1-800-922-4455 TO VERIFY THE
LOCATION OF UNDERGROUND UTILITIES.
- UTILITY INFORMATION SHOWN IS TAKEN FROM UTILITY COMPANY MAPS, OTHER MAPS,
AND LIMITED FIELD SURVEY. CONTRACTOR IS RESPONSIBLE FOR FINAL VERIFICATION
OF UTILITY LOCATIONS AFFECTING THE PROPOSED WORK. ANY DISCREPANCY
BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS ARE TO BE BROUGHT TO THE
ATTENTION OF THE DESIGN ENGINEER, THE OWNER, AND THE TOWN ENGINEER.
NO CHANGES TO THE PROPOSED CONSTRUCTION CAN BE MADE WITHOUT PRIOR
APPROVAL.
- ANY ADDITIONAL EROSION/SEDIMENTATION CONTROL METHODS DEEMED NECESSARY BY TOWN
STAFF SHALL BE IMPLEMENTED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- ANY EXISTING WORK OR SITE DRAINAGE STRUCTURES OR UTILITIES, OTHER THAN THOSE
CALLED OUT TO BE REPLACED OR MODIFIED, WHICH ARE DAMAGED BY THE CONTRACTOR
DURING CONSTRUCTION, SHALL BE REPLACED AT THE CONTRACTOR'S
EXPENSE.
- ALL CONSTRUCTION AND EXCAVATION PROCEDURES TO BE IN ACCORDANCE WITH
STANDARD CONSTRUCTION PRACTICES.
- ANY REFUSE OR DEBRIS MUST BE PROPERLY DISPOSED OF DAILY AT THE CONTRACTOR'S EXPENSE.
- ELEVATIONS ARE BASED ON REFERENCED SURVEYS

RAINGARDEN SIZING
MAIN HOUSE ROOF AREA = 2,731 SF
GUEST HOUSE ROOF AREA = 2,185 SF

RAIN GARDEN #1
278 CONTOUR AREA = 931 SF
278 CONTOUR AREA = 1,813 SF
VOLUME PROVIDED = 1,073 CU FT

RAIN GARDEN #2
266 CONTOUR AREA = 191 SF
266 CONTOUR AREA = 882 SF
VOLUME PROVIDED = 1,073 CU FT

RAIN GARDEN #3
254 CONTOUR AREA = 162 SF
254 CONTOUR AREA = 789 SF
VOLUME PROVIDED = 951 CU FT

SEED WITH NEW ENGLAND WETLAND PLANTS
NEW ENGLAND EROSION CONTROL/RESTORATION SEED
MIX AND NEW ENGLAND WILDFLOWER MIX

WQV = 2,239 CU. FT. REQ'D, 4,768 CU. FT. PROP.
WATER QUALITY VOLUME = (P) (R) (A)

P = 1.3 INCHES
R / .05 + 0.009(7.41) = 0.117
I = POST DEVELOPMENT IMPERVIOUS AREA (PERCENT) 7.41%
A = POST DEVELOPMENT TOTAL DRAINAGE AREA
OF SITE OR DESIGN POINT 176,626 SQ. FT.

(1.3) (117) (176,626)
12 = 2,238 CU. FT.

LEGEND

- STONE WALL
- WIRE FENCE
- NO PHYSICAL BOUNDARY
- DECIDUOUS TREE
- CONIFEROUS TREE
- FOLIAGE LINE
- FENCE
- CATCH BASIN
- WETLAND BOUNDARY
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SILT FENCE
- PROPOSED SPOT ELEVATION
- APPROX. LIMIT OF DISTURBED AREA
- TO BE REMOVED
- EXISTING
- GRADE TO DRAIN
- OBSERVATION PIT and/or PERCOLATION HOLE.

SEA

SEA
Allied Engineering Assoc. Inc.
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860-824-1400
sea.george@gmail.com

PREVIOUS DESCRIPTION - DATE - INITIAL
1. - MOVED MAIN HOUSE 25' NORTH - 7/01/26 - GHJ
2. - REV. PER TAHD - 7/17/26 - GHJ
3. - REV. RAIN GARDENS - 8/14/26 - GHJ
4. - REV. PER TOWN ENGINEER - 10/01/26 - GHJ

PROPOSED OVERALL SITE PLAN

PREPARED FOR
JEFF BRAVIN

62 ROCKY LANE
SALISBURY, CONNECTICUT

SCALE: 1"=20'
FILE NAME: 1127-SITE-18
DATE: 5/26/26
ISSUED FOR: PERMITTING
PROJECT NO. 1127
DRAWING NO. C-1

SITE INFORMATION

TAX MAP DESIGNATION: TOWN OF SALISBURY MAP 66, LOT 27 VOL. 275 PG. 361 STREET ADDRESS: 62 ROCKY LANE SALISBURY, CT 06068

PROPERTY OWNER: JEFFREY AND NAOMI A. BRAVIN WESLEY MILLER & LINDA WILLIAMS P.O. BOX 2 TACONIC, CT 06079

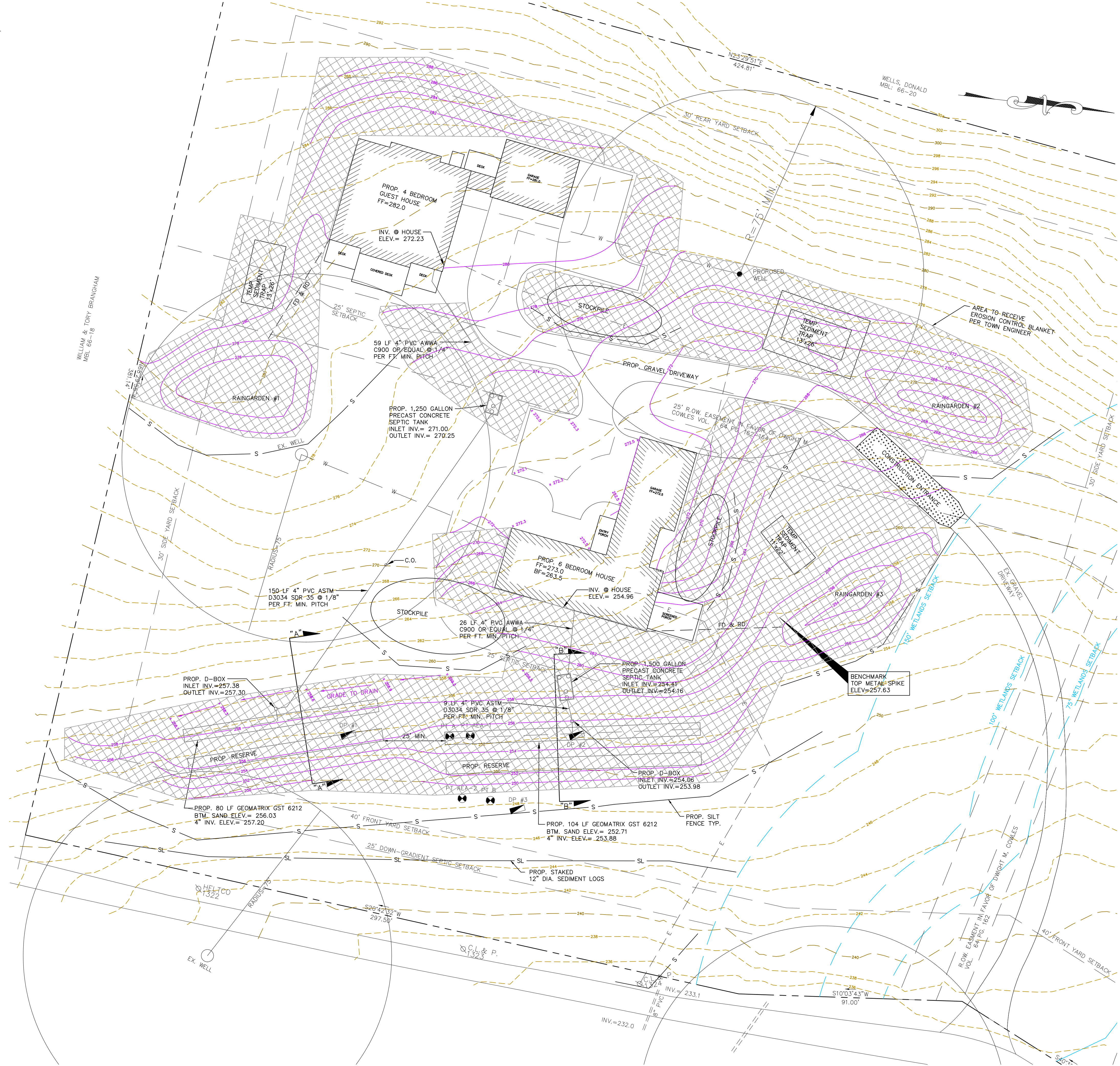
APPLICANT: ALLIED ENGINEERING ASSOC., INC. 95 MAIN ST CANAAN, CONNECTICUT 06018 Ph # (860) 824-1400

USE: EXISTING: RESIDENTIAL PROPOSED: RESIDENTIAL

ZONED: RR1

GENERAL NOTES

- TOPOGRAPHY, PROPERTY LINES, DIMENSIONS AND MISCELLANEOUS INFORMATION TAKEN FROM:
A. "IMPROVEMENT LOCATION SURVEY-PROPOSED, 62 ROCKY LANE, SALISBURY, CT, PREPARED FOR MR. RICHARD VERRILLION, II" DATE 02/18/19 SCALE: 1"=30', BY DAVID A. HUGHES PROFESSIONAL ENGINEER & LAND SURVEYOR
B. "B100s SKETCH PLAN PREPARED FOR RICHARD VERRILLION, 62 ROCKY LANE, SALISBURY, CONNECTICUT" DATE 9-15-15, SCALE: 1"=20', BY BERKSHIRE ENGINEERING & SURVEYING, LLC.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS PRIOR TO THE START OF CONSTRUCTION. POTENTIAL PROBLEMS OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE CONSTRUCTION STARTS. THIS DESIGN IS SCHEMATIC. ADJUSTMENTS TO LOCATIONS, DIMENSIONS AND ELEVATIONS OF SEPTIC TANK AND LEACHING SYSTEM MAY BE NECESSARY TO CONFORM TO FIELD CONDITIONS. CHANGES IN THE DESIGN SHALL BE APPROVED BY THE LOCAL HEALTH DEPARTMENT, THE ENGINEER OR BOTH. STATE LAW REQUIRES: CALL BEFORE YOU DIG 1-800-922-4455 TO VERIFY THE LOCATION OF UNDERGROUND UTILITIES.
- MATERIALS USED FOR THE JOB AND CONSTRUCTION PRACTICES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL HEALTH DEPARTMENT AND/OR THE CONNECTICUT STATE DEPARTMENT OF HEALTH PUBLIC HEALTH CODE SECTION 19-13-B103 A-F.
- SEPTIC TANKS SHALL BE WATER TIGHT 1,500 GALLON AND 1,250 GALLON PRECAST CONCRETE, 2 COMPARTMENT TANKS OR LARGER. TANK SHALL BE PLACED LEVEL. TANK COVERS SHALL BE PLACARDED WITH NOTIFICATION THAT "ENTRANCE INTO THE TANK COULD BE FATAL". TANK COVERS SHALL BE EXTENDED TO GRADE WITH SUITABLE RISERS AS REQUIRED. A SECONDARY SAFETY DEVICE (SIM/TECH STF-N24) IS REQUIRED INSIDE OF EACH TANK COVER, PROVIDE H-20 LOADING IF USED UNDER DRIVEWAY OR PARKING AREA. TANKS SHALL HAVE AN APPROVED NON-BYPASS EFFLUENT FILTER AT THE OUTLET. THE SEPTIC TANKS SHALL BE THE SIZE INDICATED AND SHALL BE PRECAST REINFORCED CONCRETE AS MANUFACTURED BY A. RICHARD SEPTIC SYSTEMS, INC., TORRINGTON, CONNECTICUT OR APPROVED EQUAL. IF A GARBEAGE GRINDER IS INSTALLED IN THE HOUSE THE CAPACITY OF THE SEPTIC TANK SHALL BE INCREASED BY 250 GALLONS. IF LARGE TUB IS INSTALLED IN THE HOUSE, THE CAPACITY OF THE SEPTIC TANK SHALL BE INCREASED BY 250 GALLONS FOR A 100-200 GALLON TUB OR 500 GALLONS FOR A TUB OVER 200 GALLONS.
- PROVIDE 1'-3" MINIMUM COVER OVER SEPTIC TANK. TANKS INSTALLED IN DRIVE OR PARKING AREAS SHALL BE DESIGNED FOR H-20 LOADING.
- ALL PIPE USED SHALL CONFORM TO STATE OF CONNECTICUT, DEPARTMENT OF HEALTH STANDARDS AND SHALL HAVE 1'-0" MINIMUM COVER OVER TOP OF PIPE.
- THE PRECAST CONCRETE DISTRIBUTION BOX SHALL BE SET LEVEL TO PROVIDE EVEN FLOW TO BOTH SIDES. BOX SHALL BE SET ON 6" MIN. DEEP PAD OF COMPACTED GRAVEL OR 1" CRUSHED STONE.
- 6 BEDROOM SYSTEM
THE SANITARY SEWAGE DISPOSAL SYSTEM CONSISTS OF 1 ROW GEOMATRIX GST 6212 FOR A TOTAL LENGTH OF 104 LF. 104 LF X 10 SF/LF=1,040 SF EFFECTIVE AREA PROVIDED. A 6 BEDROOM HOUSE REQUIRES 1,012.5 SF MIN LEACHING AREA.
- 4 BEDROOM SYSTEM
THE SANITARY SEWAGE DISPOSAL SYSTEM CONSISTS OF 1 ROW GEOMATRIX GST 6212 FOR A TOTAL LENGTH OF 80 LF. 80 LF X 10 SF/LF=800 SF EFFECTIVE AREA PROVIDED. A 4 BEDROOM HOUSE REQUIRES 787.5 SF MIN LEACHING AREA.
- THE BACKFILL USED IN ALL SANITARY SEWAGE DISPOSAL SYSTEM TRENCHES SHALL BE AS SPECIFIED ON PLAN OR OTHER ACCEPTABLE MATERIAL MEETING THE SPECIFICATIONS OF THE STATE OF CONNECTICUT, DEPARTMENT OF HEALTH AND/OR LOCAL HEALTH DEPARTMENT.
- SURFACE WATER SHALL BE DIVERTED FROM THE SANITARY SEWAGE DISPOSAL SYSTEM AREA BY MEANS OF GRADING.
- THE DEVELOPER OR OWNER OR BOTH SHALL BE RESPONSIBLE FOR ALL RIGHTS OF WAYS AND RIGHTS TO DRAIN.
- NO SUBSURFACE INVESTIGATIONS WERE MADE OTHER THAN THOSE INDICATED. SUBSURFACE PROBLEMS ARE THE RESPONSIBILITY OF THE OWNER. THE EXACT LOCATIONS OF ANY UNDERGROUND UTILITIES ARE UNKNOWN AND ARE THE RESPONSIBILITY OF THE OWNER SHOULD ANY BE ENCOUNTERED DURING THE INSTALLATION OF THE SANITARY SYSTEM.
- THE SEPTIC SYSTEM IS FOR SANITARY SEWAGE DISPOSAL ONLY. ALL STORM WATER, COOLING WATER, WATER SOFTENER RESIDUES, SUBSOIL DRAINAGE AND OBJECTIONABLE INDUSTRIAL WASTES ARE TO BE EXCLUDED FROM THE SYSTEM.
- THE OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION.
- NO AIR CONDITIONING, REFRIGERATION, WATER SOFTENER RESIDUES, OR DRAINAGE (SURFACE OR SUBSURFACE) MAY BE CONNECTED TO THE SANITARY SEWAGE DISPOSAL SYSTEM.
- HOUSE FOOTING DRAINS SHALL BE KEPT 25' MIN. FROM ANY PART OF THE SANITARY SEWAGE DISPOSAL SYSTEM.
- REMOVE THE TOPSOIL IN THE AREA TO RECEIVE FILL. CARE SHALL BE TAKEN TO NOT OVERCOMPACT THE SOIL WITH HEAVY EQUIPMENT. KEEP HEAVY EQUIPMENT OFF OF THE EXPOSED SURFACE. EQUIPMENT SHALL NOT BE USED ON THE EXPOSED SURFACE AREA DURING MUDDY CONDITIONS.
- THERE ARE NO KNOWN WELLS WITHIN 75' OF THE PROPOSED SANITARY SEWAGE DISPOSAL SYSTEM.
- NO SUBSURFACE SEWAGE DISPOSAL SYSTEM SHALL BE CONSTRUCTED, ALTERED, REPAIRED OR EXTENDED WITHOUT AN APPROVAL TO CONSTRUCT ISSUED IN ACCORDANCE WITH THE CURRENT PUBLIC HEALTH CODE. NO DISCHARGE SHALL BE INITIATED TO A SUBSURFACE SEWAGE DISPOSAL SYSTEM WITHOUT A DISCHARGE PERMIT ISSUED IN ACCORDANCE WITH THE CURRENT PUBLIC HEALTH CODE. SUCH PERMITS AND APPROVALS SHALL BE ISSUED AND ADMINISTERED BY THE LOCAL DIRECTOR OF HEALTH.
- WHILE THE SEWAGE DISPOSAL SYSTEM IS UNDER CONSTRUCTION, THE LOCAL DIRECTOR OF HEALTH MAY REQUIRE THAT THE CONSTRUCTION BE SUPERVISED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF CONNECTICUT, IF IN THE OPINION OF THE LOCAL DIRECTOR OF HEALTH IT IS NECESSARY TO INSURE CONFORMANCE TO THE PLANS APPROVED OR BECAUSE OF THE DIFFICULTIES LIKELY TO BE ENCOUNTERED. THE ENGINEER SHALL MAKE A RECORD DRAWING OF THE SEWAGE DISPOSAL SYSTEM, AS INSTALLED, WHICH HE SHALL SUBMIT TO THE LOCAL DIRECTOR OF HEALTH PRIOR TO THE ISSUANCE OF A DISCHARGE PERMIT.
- THERE ARE NO SOURCES OF CONTAMINATION WITHIN 75 FT. OF PROPOSED WELL SITE.
- THE SYSTEM MUST BE INSTALLED WHEN SOIL MOISTURE IS LOW.
- CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING ADJACENT TO TREES.
- "AN 'AS-BUILT' PLAN MUST BE PREPARED AND SUBMITTED TO THE LOCAL HEALTH DEPARTMENT, WITHIN 30 DAYS OF THE INSPECTION BY THE ENGINEER/SURVEYOR."
- "FOR LEACHING SYSTEMS CONSTRUCTED WITH THE BOTTOMS IN FILL, A MINIMUM OF TWO PERCOLATION TESTS MUST BE CONDUCTED IN THE FILL MATERIAL BEFORE THE LEACHING SYSTEM CAN BE INSTALLED."
- "NO BALLAST IS REQUIRED FOR THE SEPTIC TANK OR PUMP CHAMBER PROVIDED THAT A MINIMUM OF 1.25' OF COVER IS MAINTAINED."
- "AN IN-PLACE SIEVE TEST OF THE 'SELECT FILL' MATERIAL ON SITE TO BE CONDUCTED AS PART OF THE FILL APPROVAL PROCESS. THE TEST RESULTS FOR A COMPOSITE SAMPLE COLLECTED BY THE ENGINEER OR TESTING LAB MUST BE PROVIDED TO THE LOCAL HEALTH DEPARTMENT PRIOR TO ISSUANCE OF THE PERMIT TO DISCHARGE."



LEGEND

- STONE WALL
- WIRE FENCE
- NO PHYSICAL BOUNDARY
- DECIDUOUS TREE
- CONIFEROUS TREE
- FOLIAGE LINE
- FENCE
- CATCH BASIN
- WETLAND BOUNDARY
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SILT FENCE
- PROPOSED SPOT ELEVATION
- APPROX. LIMIT OF DISTURBED AREA
- TO BE REMOVED
- EXISTING
- GRADE TO DRAIN
- OBSERVATION PIT and/or PERCOLATION HOLE.

EX. G.T.D.

SEAL

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860-824-1400
860-824-1401 fax
aea.george@gmail.com

PROPOSED SANITARY SEWAGE DISPOSAL SYSTEM DESIGN PLAN
PREPARED FOR:
JEFF BRAVIN
62 ROCKY LANE
SALISBURY, CONNECTICUT

SCALE: 1"=20'

FILE NAME: 1127-SITE-18

DATE: 4/29/2026

ISSUED FOR: PERMITTING

PROJECT NO. 1127

DRAWING NO. C-2

REVISIONS
NUMBER DESCRIPTION DATE INITIAL

- REV. HOUSE LAYOUTS 5/26/26 GHU
- MOVED MAIN HOUSE 25' NORTH 7/01/26 GHU
- REV. PER TAHD COMMENTS 7/17/2026 NAC
- REV. RAIN GARDENS 8/14/26 GHU
- REV. PER TOWN ENGINEER 10/01/26 GHU

SOIL TEST DATA

DATE OF TESTING: 10-3-2012
TESTED BY: BERKSHIRE ENGINEERING AND SURVEYING LLC

DP #1 0"-4" TOPSOIL
4"-21" ORANGE BROWN FRIABLE SANDY LOAM
21"-76" GRAY COMPACT SANDY LOAM
MOTTLING @21"
NO WATER
NO LEDGE

DP #2 0"-9" TOPSOIL
9"-30" BROWN FRIABLE SANDY LOAM
30"-65" GRAY COMPACT SANDY LOAM
MOTTLING @30"
ROOTS TO 36"
NO WATER
NO LEDGE

DP #3 0"-9" TOPSOIL
9"-19" BROWN FRIABLE SANDY LOAM
19"-48" GRAY COMPACT SANDY LOAM
MOTTLING @19"
NO WATER
NO LEDGE

PT A DEPTH: 18"
PRESOAKED ---2HRS
00 8"
15 12.125"
30 14.75"
45 16.375"
60 17.5"
PERC. RATE: 13 MIN/1"

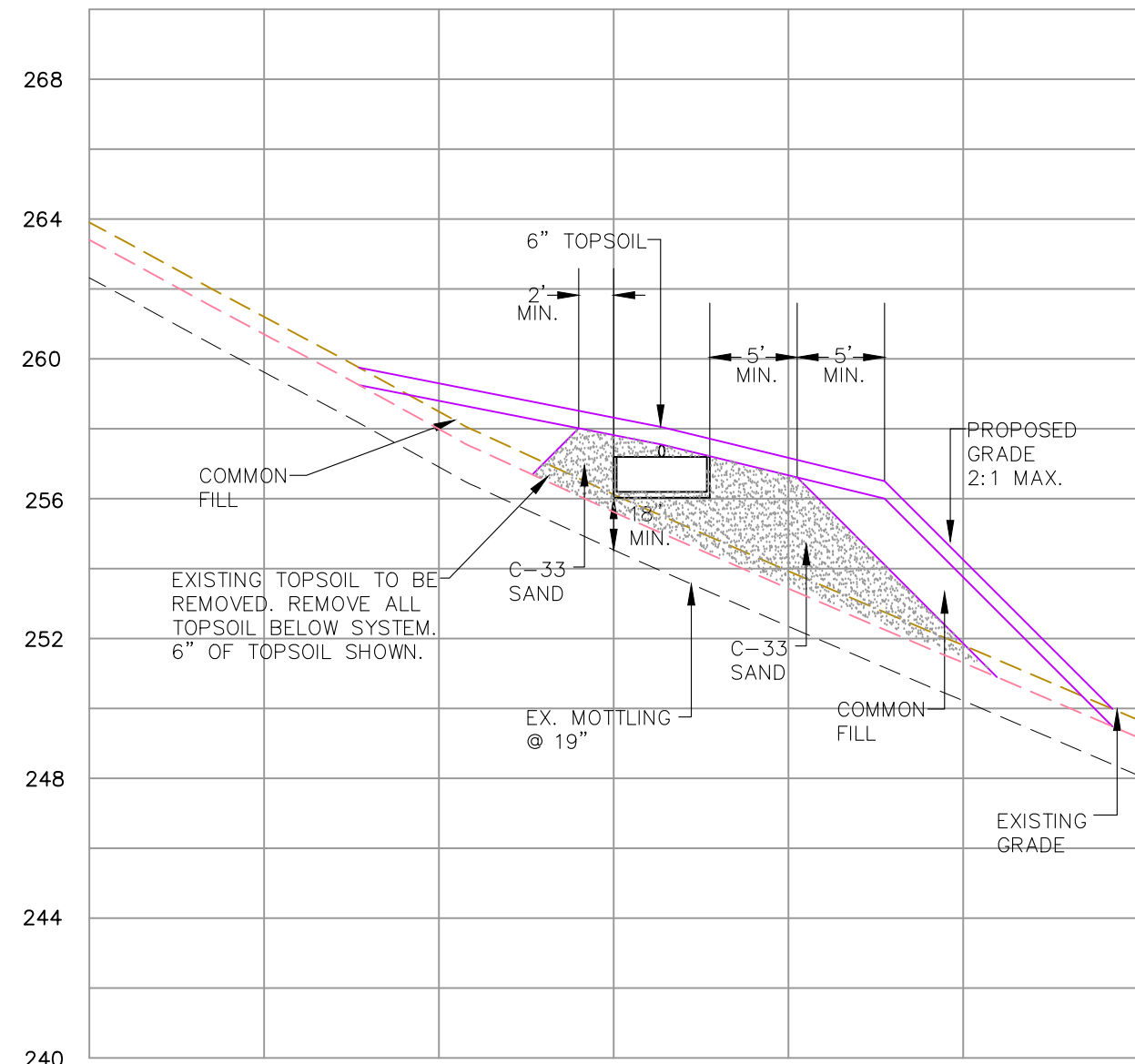
PT B DEPTH: 18"
PRESOAKED ---2HRS
00 7.75"
15 10.75"
30 12.625"
45 14.25"
60 15.375"
PERC. RATE: 13 MIN/1"

PERC TESTING DONE BY ALLIED ENGINEERING ASSOC., INC.,
DATE OF TESTING: 4/28/2026

PT AEA-1 DEPTH: 18"
PRESOAKED 1:45 PM
3:31 5 1/8"
3:41 8 7/16"
3:51 11"
4:01 12 15/16"
4:11 14 7/16"
4:21 15 3/4"
4:31 16 3/4"
PERC RATE: 1"/10 MIN.

PT AEA-2 DEPTH: 18"
PRESOAKED 1:50 PM
3:33 5 1/8"
3:38 8 7/16"
3:43 10 5/8"
3:48 12 1/4"
3:53 13 9/16"
3:58 14 5/16"
4:03 15 5/8"
4:08 16 1/2"
4:13 17 3/16"
4:18 17 3/4"
4:23 18 3/16"
4:28 18 5/8" DRY
PERC RATE: 1"/11.43 MIN.

GEOMATRIX GST6212



SECTION A-A

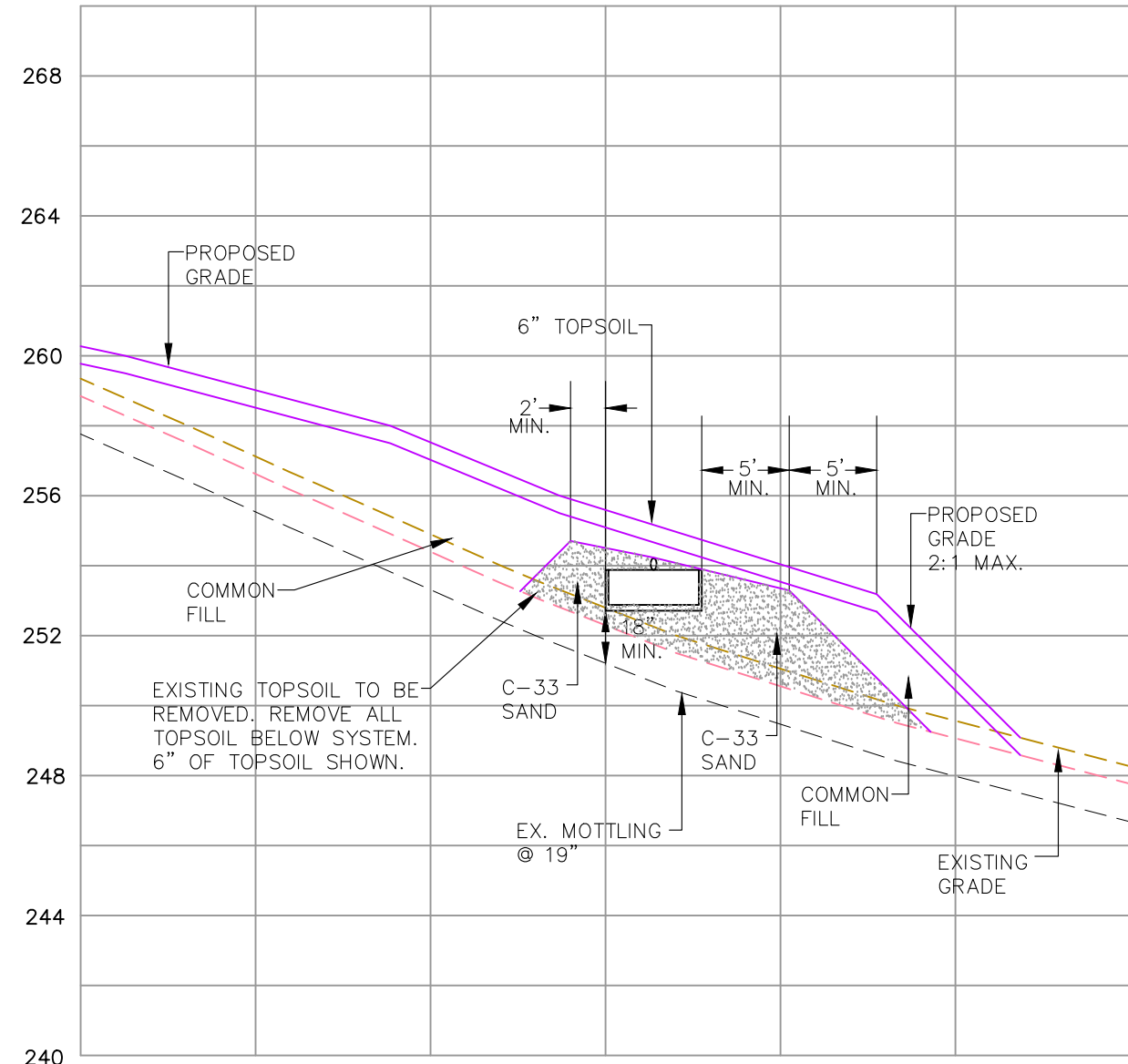
HORIZ. SCALE: 1"=10'
VERT. SCALE: 1"=5'

DESIGN DATA

1. NUMBER OF BEDROOMS = 4 (525 GPD)
2. SEPTIC TANK SIZE REQUIRED AND PROVIDED = 1,125 GAL. REQUIRED; 1,250 GAL. PROVIDED
3. PERCOLATION RATE USED FOR DESIGN = 1" PER 10.1-20.0 MIN
4. EFFECTIVE LEACHING AREA REQUIRED = 787.5 SQ. FT.
5. LINEAR FEET OF GEOMATRIX GST 6212 REQUIRED. = 787.5 SQ. FT./ 10 SQ. FT. PER LIN. FT. = 78.75 LIN. FT.
6. LINEAR FEET OF GEOMATRIX GST 6212 PROVIDED. = 80 LIN. FT.
7. MLSS = HF x FF x PF = 26 x 1.75 x 1.25 = 56.875
SLOPE = 23.24%
RESTRICTIVE LAYER = MOTTLING AT 19"

NOTE: IF A GARBAGE DISPOSAL OR HOT TUB IS TO BE INSTALLED IN THE PROPOSED HOUSE, IT IS RECOMMENDED THAT THE SEPTIC TANK SIZE BE INCREASED

GEOMATRIX GST6212



SECTION B-B

HORIZ. SCALE: 1"=10'
VERT. SCALE: 1"=5'

DESIGN DATA

1. NUMBER OF BEDROOMS = 6 (675 GPD)
2. SEPTIC TANK SIZE REQUIRED AND PROVIDED = 1,375 GAL. REQUIRED; 1,500 GAL. PROVIDED
3. PERCOLATION RATE USED FOR DESIGN = 1" PER 10.1-20 MIN
4. EFFECTIVE LEACHING AREA REQUIRED = 1,012.5 SQ. FT.
5. LINEAR FEET OF GEOMATRIX GST 6212 REQUIRED. = 1012.5 SQ. FT./ 10 SQ. FT. PER LIN. FT. = 101.25 LIN. FT.
6. LINEAR FEET OF GEOMATRIX GST 6212 PROVIDED. = 104 LIN. FT.
7. MLSS = HF x FF x PF = 26 x 2.25 x 1.25 = 73.125
SLOPE = 17.65%
RESTRICTIVE LAYER = MOTTLING AT 19"

NOTE: IF A GARBAGE DISPOSAL OR HOT TUB IS TO BE INSTALLED IN THE PROPOSED HOUSE, IT IS RECOMMENDED THAT THE SEPTIC TANK SIZE BE INCREASED

C-33 FILL SAND MATERIAL SPECS

1. SELECT FILL SHALL NOT CONTAIN ANY MATERIAL LARGER THAN THE THREE (3) INCH SIEVE. UP TO 45% OF THE DRY WEIGHT OF THE REPRESENTATIVE SAMPLE MAY BE RETAINED ON
2. THE #4 SIEVE (THIS IS THE GRAVEL PORTION OF THE SAMPLE).
3. THE MATERIAL THAT PASSES THE #4 SIEVE IS THEN REWEIGHED AND THE SIEVE ANALYSIS STARTED.
4. THE REMAINING SAMPLE SHALL MEET THE FOLLOWING GRADATION CRITERIA:

SELECT FILL SIEVE SIZE	PERCENT PASSING WET SIEVE	PERCENT PASSING 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%

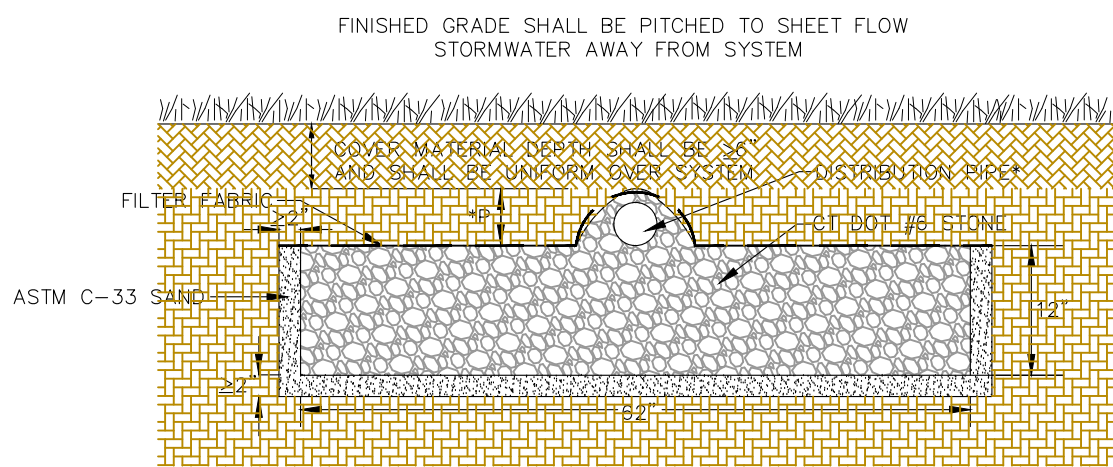
C 33 SIEVE SIZE	PERCENT PASSING
0.375"	100%
#4	95.0-100%
#8	80.0-100.0%
#16	50.0-85.0%
#30	25.0-60.0%
#50	5.0-30.0%
#100	< 10%
#200	< 5%

*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%. IF THE FILL FAILS THE DRY SIEVE BUT PASSES THE WET SIEVE, THEN THE FILL SHALL BE APPROVED.

BOUYANCY CALCULATIONS

1,500 GALLON SEPTIC TANK
5.67' x 10.5' x 5.33' = 317.33 CF TANK VOL. x 62.4 LBS/CF = 19,801.40 LBS UPLIFT
5.67' x 10.5' x 2.75' = 163.72 CF SOIL x 120 LBS/CF = 19,646.40 LB
TANK WEIGHT = 11,300 LBS + 19,646.40 LB SOIL = 30,946.40 LBS RESISTING UPLIFT

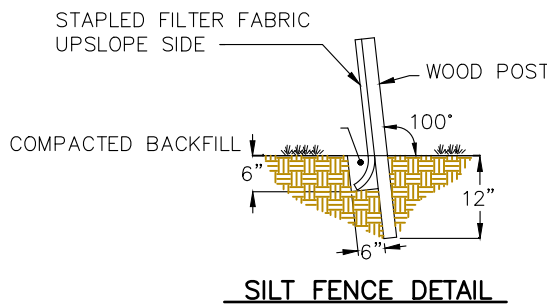
1,250 GALLON SEPTIC TANK
5.33' x 8.17' x 5.75' = 250.39 CF TANK VOL. x 62.4 LBS/CF = 15,624.34 LBS UPLIFT
5.33 x 8.17 x 1.25' = 54.43 CF SOIL x 120 LBS/CF = 6,531.6 LB
TANK WEIGHT = 9,650 LBS + 6,531.6 LB SOIL = 16,181.6 LBS RESISTING UPLIFT



GEOMATRIX GST6212 LEACHING SYSTEM DETAIL

B-B CROSS SECTION

(NOT TO SCALE)



1. EXCAVATE 6"x6" TRENCH ON THE UPSLOPE SIDE OF THE FENCE LOCATION.
2. DRIVE SUPPORT POSTS ON THE DOWN SLOPE SIDE OF THE TRENCH TO A DEPTH OF AT LEAST 12" INTO ORIGINAL GROUND.
3. ANGLE POSTS 10 DEGREES UPHILL TO OVER COMPENSATE FOR ANY SAGGING IN FENCE DUE TO PRESSURE FROM BUILT UP SEDIMENT.
4. STAPLE OR SECURE GEOTEXTILE TO THE POSTS PER MANUFACTURERS RECOMMENDATIONS SUCH THAT 6" OF FABRIC LIES IN THE TRENCH.
5. BACKFILL THE TRENCH WITH THE EXCAVATED TRENCH MATERIAL OVER THE FABRIC. TAMP TO COMPACT THE SOIL.

GEOTEXTILE SILT FENCE DETAIL

NOT TO SCALE

SEA



- REVISIONS - DESCRIPTION - DATE - INITIAL
1. - REV. HOUSE LAYOUTS - 5/26/26 - GHU
 2. - MOVED MAIN HOUSE 25' NORTH - 7/01/26 - GHU
 3. - REV. PER TAHD COMMENTS - 7/17/2026 - NAC
 4. - REV. PER TOWN ENGINEER - 10/01/26 - GHU

PROPOSED SANITARY SEWAGE DISPOSAL SYSTEM DESIGN DATA

PREPARED FOR:
JEFF BRAVIN

62 ROCKY LANE
SALISBURY, CONNECTICUT

SCALE: 1"=20'

FILE NAME: 1127-SITE-18

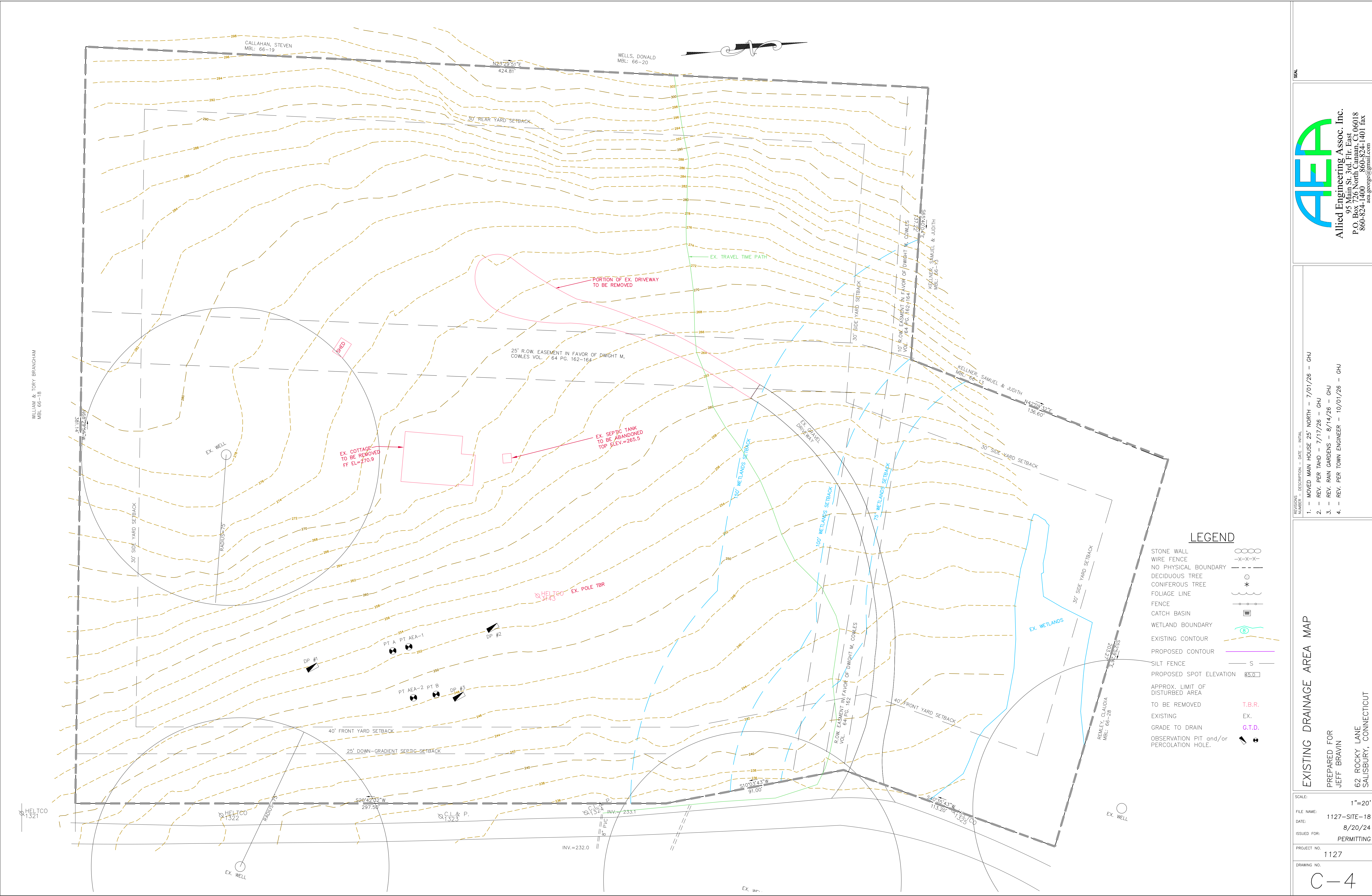
DATE: 4/29/2026

ISSUED FOR: PERMITTING

PROJECT NO. 1127

DRAWING NO.

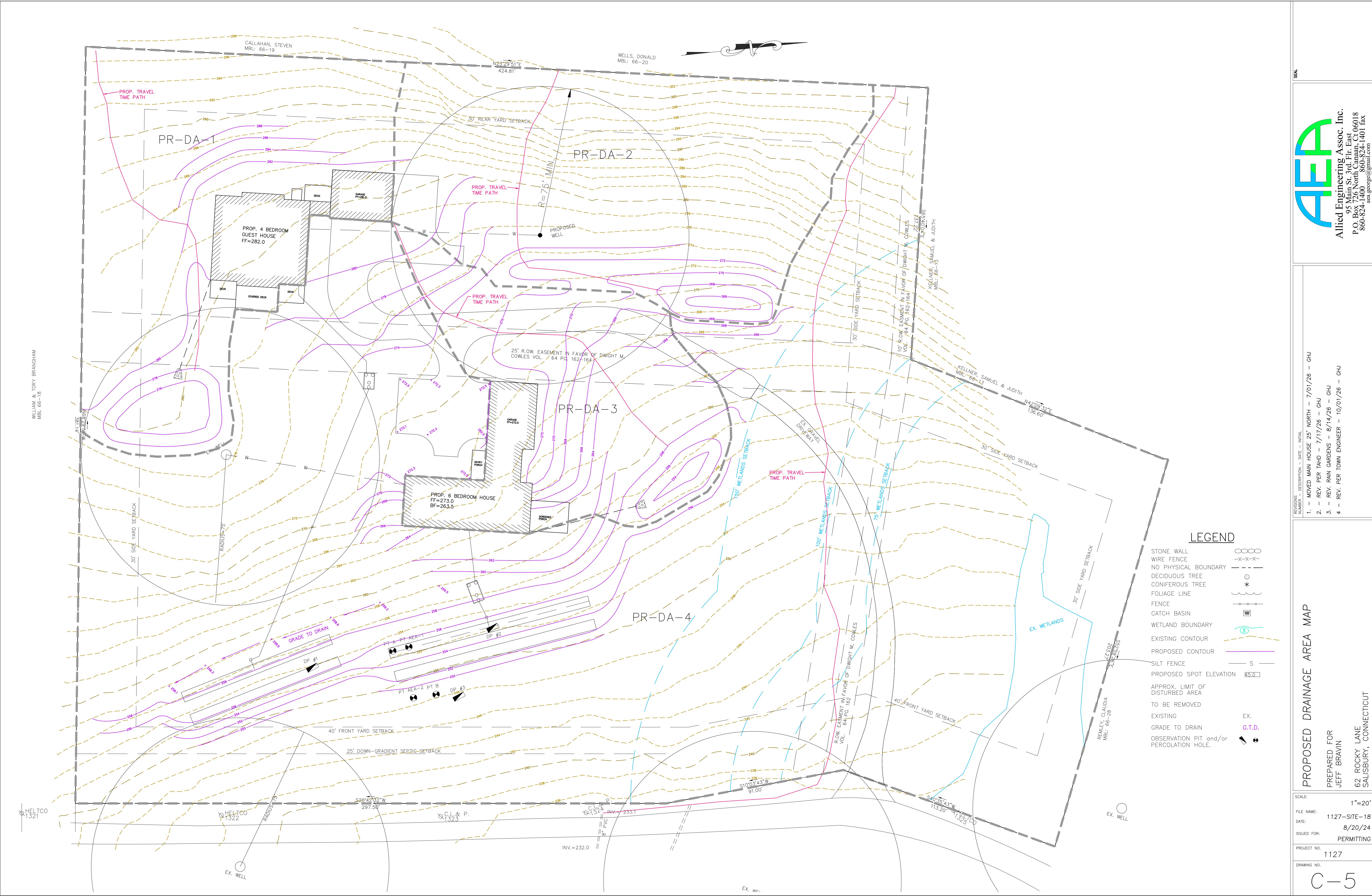
C-3



- REVISIONS - DESCRIPTION - DATE - INITIAL
1. - MOVED MAIN HOUSE 25' NORTH - 7/01/26 - GHJ
 2. - REV. PER TAHD - 7/17/26 - GHJ
 3. - REV. RAIN GARDENS - 8/14/26 - GHJ
 4. - REV. PER TOWN ENGINEER - 10/01/26 - GHJ

EXISTING DRAINAGE AREA MAP
PREPARED FOR
JEFF BRAVIN
62 ROCKY LANE
SALISBURY, CONNECTICUT

SCALE: 1"=20'
FILE NAME: 1127-SITE-18
DATE: 8/20/24
ISSUED FOR: PERMITTING
PROJECT NO. 1127
DRAWING NO. C-4



ALLIED ENGINEERING ASSOC. INC.

95 Main St. 3rd Fl. East
P.O. Box 1400, Salisbury, CT 06488
860-824-1400 or 860-824-1401 fax
aea.george@gmail.com

PREPARED FOR
JEFF BRAVIN

62 ROCKY LANE
SALISBURY, CONNECTICUT

PROPOSED DRAINAGE AREA MAP

1"=20'

1127-SITE-18

8/20/24

PERMITTING

1127

C-5

PREVIOUS NUMBER - DESCRIPTION - DATE - INITIAL

1. - MOVED MAIN HOUSE 25' NORTH - 7/01/26 - GHJ

2. - REV. PER TAHD - 7/17/26 - GHJ

3. - REV. RAIN GARDENS - 8/14/26 - GHJ

4. - REV. PER TOWN ENGINEER - 10/01/26 - GHJ

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REVISIONS NUMBER	DESCRIPTION	DATE	INITIAL
1.	MOVED MAIN HOUSE 25' NORTH	7/01/26	GHJ
2.	REV. PER TAHD	7/17/26	GHJ
3.	REV. RAIN GARDENS	8/14/26	GHJ
4.	REV. PER TOWN ENGINEER	10/01/26	GHJ

EXISTING OVERALL SITE PLAN	
DEMOLITION PLAN	
PREPARED FOR JEFF BRAVIN	
62 ROCKY LANE SALISBURY, CONNECTICUT	
SCALE:	
FILE NAME:	1"=20'
DATE:	1127-SITE-18
ISSUED FOR:	5/26/26
PERMITTING	
PROJECT NO.	1127
DRAWING NO.	C-1A

CONSTRUCTION NARRATIVE

- 1.1 PURPOSE AND DESCRIPTION OF THE PROJECT:
DEMOLISH EXISTING COTTAGE AND CONSTRUCT A SINGLE FAMILY HOME WITH AN ACCESSORY BUILDING, INSTALL NEW SEPTIC SYSTEM AND REALIGN DRIVEWAY.
- 1.2 THE TOTAL AREA OF THE LOT IS 4± ACRES
THE TOTAL DISTURBED AREA IS 1.48 ACRES
- 1.3 THE SITE IS A RESIDENTIAL LOT.
- 1.4 THE ANTICIPATED START DATE FOR THE PROJECT IS JULY, 2026, WITH A COMPLETION DATE OF JULY 2027. (DATES ARE SUBJECT TO CHANGE.)
- 1.5 2024 CONNECTICUT GUIDELINES FOR SOIL EROSION & SEDIMENT CONTROL ARE TO BE CONSIDERED AS PART OF THESE PLANS.
- 2.0 CONSTRUCTION SEQUENCE:

1. OBTAIN ALL NECESSARY PERMITS.

2. CONTACT CALL-BEFORE-YOU-DIG (1-800-922-4455) TO MARK OUT LOCATION OF ALL EXISTING UTILITIES ON AND ADJACENT TO SITE.

3. INSTALL EROSION CONTROL MEASURES (2 DAYS)

4. REMOVE TREES AS NECESSARY (1 WEEK)

5. REMOVE EXISTING COTTAGE (2 WEEKS)

6. BEGIN CONSTRUCTION OF MAIN HOUSE AND ACCESSORY BUILDING (1 YEAR)

7. CONSTRUCT NEW DRIVEWAY (2 WEEKS)

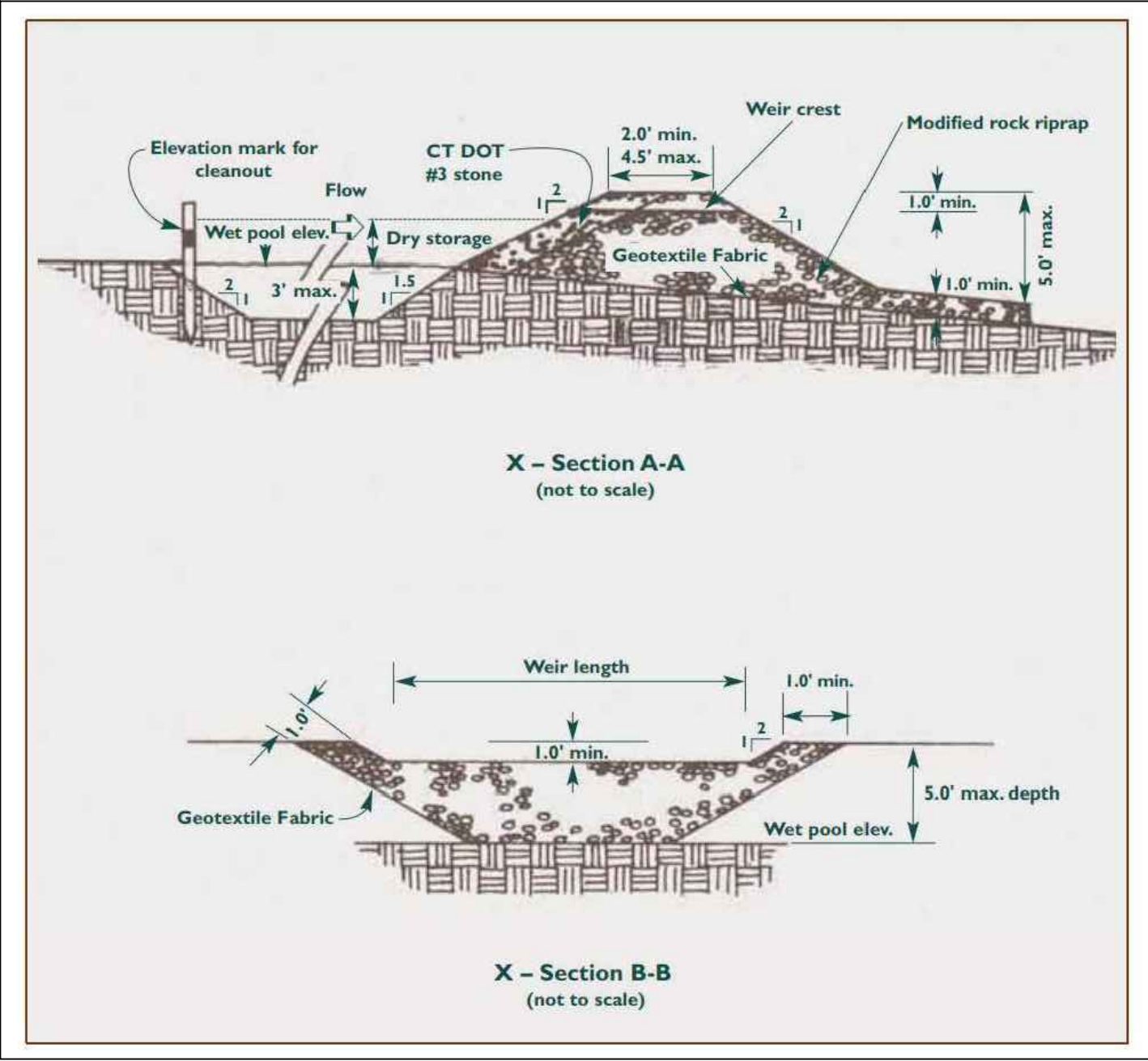
7. CONSTRUCT NEW SEPTIC SYSTEMS (1 MONTH)

8. REGRADE SITE AND INSTALL NEW LANDSCAPE FEATURES (2 MONTHS)

9. TOPSOIL, SEED AND MULCH ALL DISTURBED AREAS. (2 WEEKS)

10. REMOVE SEDIMENTATION AND EROSION CONTROL MEASURES ONLY AFTER ALL AREAS ARE STABILIZED AND WHEN IT IS AUTHORIZED BY THE TOWN OF SALISBURY.

11. THE PERSON(S) RESPONSIBLE FOR THE PROPER IMPLEMENTATION OF THE DESIGN AND/OR FIXING ANY POTENTIAL PROBLEMS IS JEFF BRAVIN 860-944-7644 OR HIS DESIGNEE.



TEMPORARY SEDIMENT TRAP DETAIL

5-3-2 TEMPORARY SEEDING (TS)

SELECT GRASS SPECIES APPROPRIATE FOR THE SEASON AND SITE CONDITIONS FROM FIGURE TS-2 BELOW. SEED WITH A TEMPORARY SEED MIXTURE WITHIN 7 DAYS AFTER THE SUSPENSION OF GRADING WORK IN DISTURBED AREAS WHERE THE SUSPENSION OF WORK IS EXPECTED TO BE MORE THAN 30 DAYS BUT LESS THAN 1 YEAR. SEEDING OUTSIDE THE OPTIMUM SEEDING DATES GIVEN IN FIGURE TS-2 MAY RESULT IN EITHER INADEQUATE GERMINATION OR LOW PLANT SURVIVAL RATES, REDUCING EROSION CONTROL EFFECTIVENESS.

INSTALL NEEDED EROSION CONTROL MEASURES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, SEDIMENT BASINS AND GRASSED WATERWAYS IN ACCORDANCE WITH THE APPROVED PLAN.

GRADE ACCORDING TO PLANS AND ALLOW FOR THE USE OF APPROPRIATE EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH THE APPROVED PLANS.

LOOSEN THE SOIL TO A DEPTH OF 3-4 INCHES WITH A SLIGHTLY ROUGHENED SURFACE. IF THE AREA HAS BEEN RECENTLY LOOSENEED OT DISTURBED, NO FURTHER ROUGHENING IS REQUIRED. SOIL PREPARATION CAN BE ACCOMPLISHED BY TRACKING WITH A BULLDOZER, DISCING, HARROWING, RAKING OR DRAGGING WITH A SECTION OF CHAIN LINK FENCE. AVOID EXCESSIVE COMPACTION OF THE SURFACE BY EQUIPMENT TRAVELING BACK AND FORTH OVER THE SURFACE. IF THE SLOPE IS TRACKED, THE CLEAT MARKS SHALL BE PERPENDICULAR TO THE ANTICIPATED DIRECTION OF THE FLOW OF SURFACE WATER.

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). SOIL SAMPLE MAILERS ARE AVAILABLE FROM THE LOCAL COOPERATIVE EXTENSION SYSTEM OFFICE. IF 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 7.5 POUNDS PER 1,000 SQ. FT. OF 10-10-10 OR EQUIVALENT. ADDITIONALLY, LIME MAY BE APPLIED USING RATES GIVEN IN FIGURE TS-1.

FIGURE TS-1 SOIL TEXTURE VS. LIMING RATES			
SOIL TEXTURE	TONS / ACRE OF LIME	LBS. / 1,000 SQ. FT. OF LIME	
CLAY, CLAY LOAM AND HIGH ORGANIC SOIL	3	135	
SANDY LOAM, LOAM, SILT LOAM	2	90	
LOAMY SAND, SAND	1	45	

APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTPACKER TYPE SEEDER OF HYDROSEEDER AT A MINIMUM RATE FOR THE SELECTED SEED IDENTIFIED IN FIGURE TS-2. INCREASE SEEDING RATES BY 10% WHEN HYDROSEEDING.

TEMPORARY SEEDINGS MADE DURING OPTIMUM SEEDING DATES SHALL BE MULCHED. NOTE WHEN SEEDING OUTSIDE OF THE OPTIMUM SEEDING DATES, INCREASE THE APPLICATION OF MULCH TO PROVIDE 95%-100% COVERAGE.

INSPECT SEEDED AREA AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCHES OR GREATER FOR SEED AND MULCH MOVEMENT AND RILL EROSION. WHERE SEED HAS MOVED OR WHERE SOIL EROSION HAS OCCURRED, DETERMINE THE CAUSE OF THE FAILURE. BIRD FEEDING MAY BE A PROBLEM IF MULCH WAS APPLIED TOO THINLY TO PROTECT SEED. RE-SEED AND RE-MULCH. IF MOVEMENT WAS THE RESULT OF WIND, THEN REPAIR EROSION DAMAGE (IF ANY), REAPPLY SEED AND MULCH AND APPLY MULCH ANCHORAGE. IF FAILURE WAS CAUSED BY CONCENTRATED RUNOFF, INSTALL ADDITIONAL MEASURES TO CONTROL WATER AND SEDIMENT MOVEMENT, REPAIR EROSION DAMAGE, RE-SEED AND RE-APPLY MULCH WITH ANCHORING OR USE TEMPORARY EROSION CONTROL BLANKET.

CONTINUE INSPECTIONS UNTIL THE GRASSES ARE FIRMLY ESTABLISHED. GRASSES SHALL NOT BE CONSIDERED ESTABLISHED UNTIL A GROUND COVER IS ACHIEVED WHICH IS MATURE ENOUGH TO CONTROL SOIL EROSION AND TO SURVIVE SEVERE WEATHER CONDITIONS (APPROXIMATELY 80% VEGETATIVE SURFACE COVER).

NO INVASIVE PLANT SPECIES WILL BE ALLOWED IN TEMPORARY SEED MIXES.

STOCKPILE MANAGEMENT

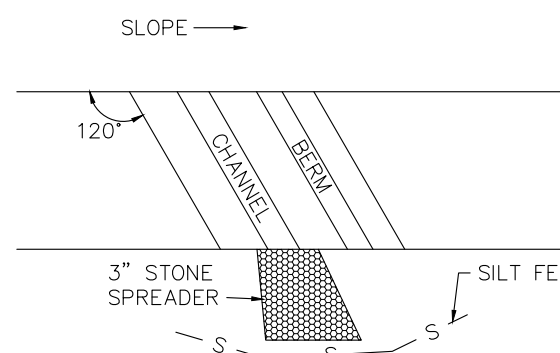
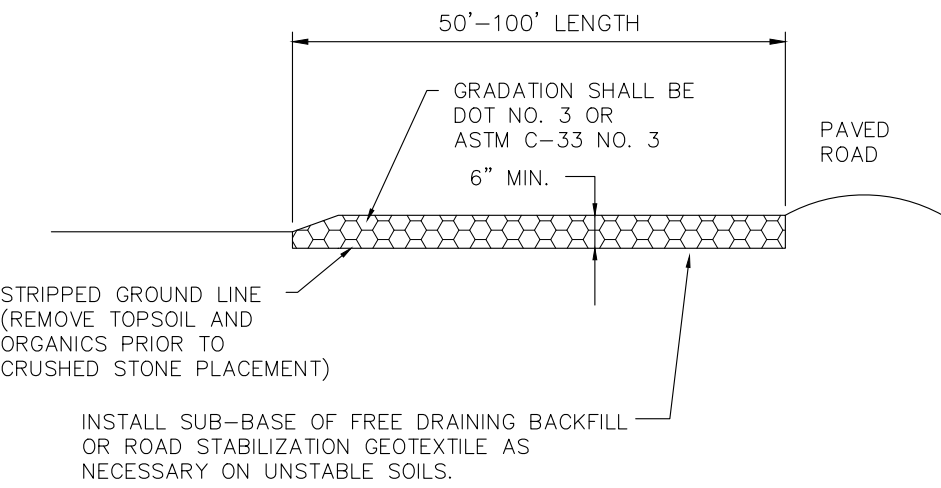
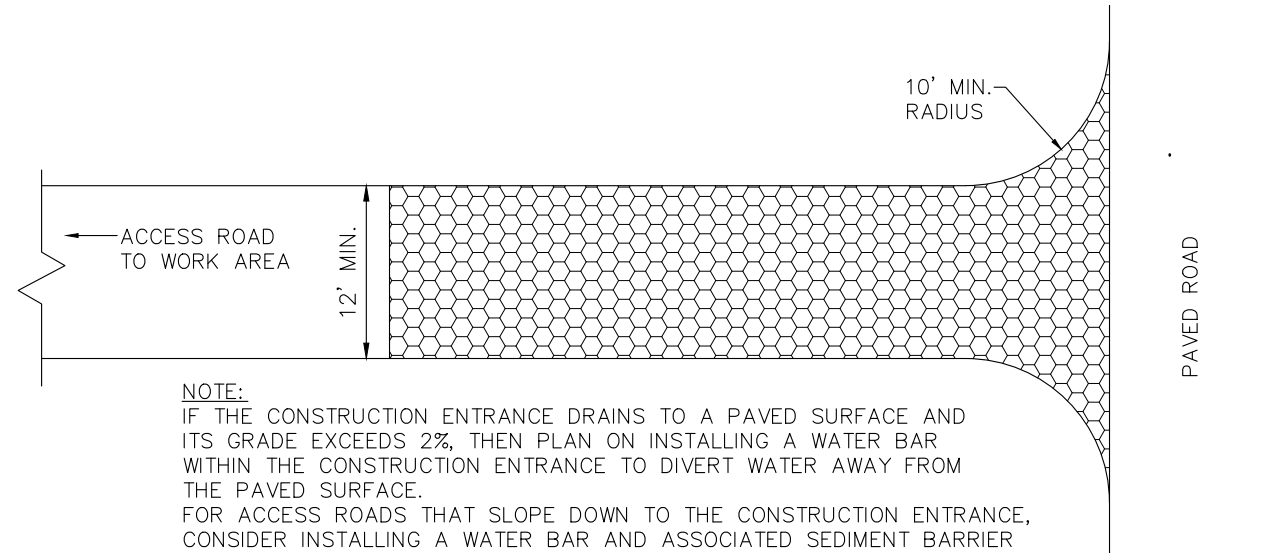
STOCKPILE MANAGEMENT OF TOPSOIL AND OTHER TYPES OF ERODIBLE SOILS IS NECESSARY TO PREVENT UNNECESSARY DAMAGE RESULTING FROM EROSION OF STOCKPILE MATERIAL. LOCATE STOCKPILES SO THAT NATURAL DRAINAGE IS NOT OBSTRUCTED. ATTEMPT TO MAXIMIZE THE DISTANCE OF STOCKPILES FROM WETLANDS, WATERCOURSES, DRAINAGE WAYS, AND STEEP SLOPES. WHEN THE STOCKPILE IS DOWN GRADIENT FROM A LONG SLOPE, DIVERT RUNOFF WATER AWAY FROM OR AROUND THE STOCKPILE. INSTALL A GEOTEXTILE SILT FENCE OR HAY BALE BARRIER AROUND THE STOCKPILE AREA APPROXIMATELY 10 FEET FROM THE PROPOSED TOE OF THE SLOPE.

THE SIDE SLOPES OF STOCKPILED MATERIAL THAT IS ERODIBLE SHOULD BE NO STEEPER THAN 2:1. STOCKPILES THAT ARE NOT TO BE USED WITHIN 30 DAYS NEED TO BE SEEDED AND MULCHED IMMEDIATELY AFTER FORMATION OF THE STOCKPILE. THE SEED MIX USED DEPENDS UPON THE STOCKPILED MATERIAL AND THE LENGTH OF TIME IT IS TO REMAIN STOCKPILED. INFORMATION GATHERED FROM SOIL BORINGS AND SOIL DELINEATIONS CAN BE USED TO PLAN THE TYPE OF SEED AND ANY SOIL AMENDMENTS THAT ARE APPROPRIATE FOR THE STOCKPILE. AFTER THE STOCKPILE HAS BEEN REMOVED, THE SITE SHOULD BE GRADED AND PERMANENTLY STABILIZED.

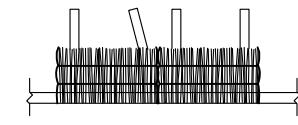
IF A STOCKPILE IS LOCATED OFF-SITE, LOCAL ZONING APPROVAL MAY BE REQUIRED. IN ADDITION TO THE ABOVE CRITERIA, STOCKPILES THAT ARE LOCATED OFF-SITE REQUIRE A CONSTRUCTION ENTRANCE PAD INSTALLED AT THAT SITE. DEPENDING ON THE VOLUME OF TRAFFIC, THE INSTALLATION OF "TRUCK CROSSING" SIGNS AND SWEEPING OF THE ROADWAY MAY ALSO BE NECESSARY.

FIGURE PS-2 SELECTING SEED MIX TO MATCH NEED		
AREA TO BE SEEDDED	MIXTURE NUMBER (1)	
	MOWING DESIRED	MOWING NOT REQUIRED
BORROW AREAS, ROADSIDES, DIKES, LEVEES, POND BANKS AND OTHER SLOPES AND BANKS		
A) WELL OR EXCESSIVELY DRAINED SOILS (2)	1, 2, 3, 4, 5 OR 8	5, 6, 7, 8, 9, 10, 11, 12, 16 OR 22
B) SOMEWHAT POORLY DRAINED SOIL (2)	2	5 OR 6
C) VARIABLE DRAINAGE SOILS (2)	2	5, 6 OR 11
DRAINAGE DITCH AND CHANNEL BANKS		
A) WELL OR EXCESSIVELY DRAINED SOILS (2)	1, 2, 3 OR 4	9, 10, 11 OR 12
B) SOMEWHAT POORLY DRAINED SOILS (2)	2	
C) VARIABLE DRAINAGE SOILS (2)	2	
DIVERSIONS		
A) WELL OR EXCESSIVELY DRAINED SOILS (2)	2, 3 OR 4	9, 10 OR 11
B) SOMEWHAT POORLY DRAINED SOILS (2)	2	
C) VARIABLE DRAINAGE SOILS (2)	2	
EFFLUENT DISPOSAL		5 OR 6
GRAVEL PITS (3)		26, 27 OR 28
GULLIED AND ERODED AREAS		3, 4, 5, 8, 10, 11 OR 12
MINESPOIL & WASTE, AND OTHER SPOIL BANKS (IF TOXIC SUBSTANCES & PHYSICAL PROPERTIES NOT LIMITING) (3)		15, 16, 17, 18, 26, 27 OR 28
SHORELINES (FLUCTUATING WATER LEVELS)		5 OR 6
SKI SLOPES		4 OR 10
SOD WATERWAYS AND SPILLWAYS	1, 2, 3, 4, 6, 7 OR 8	1, 2, 3, 4, 6, 7 OR 8
SUNNY RECREATION AREAS (PICNIC AREAS AND PLAYGROUNDS OR DRIVING AND ARCHERY RANGES, NATURE TRAILS)	1, 2 OR 23	
CAMPING AND PARKING, NATURE TRAILS (SHADED)	19, 21 OR 23	
SAND DUNES (BLOWING SAND)	25	
WOODLAND ACCESS ROADS, SKID TRAILS AND LOG YARDING AREAS		9, 10, 16, 22 OR 26
LAWNS AND HIGH MAINTENANCE AREAS	1, 19, 21 OR 29	
(1) THE NUMBERS FOLLOWING IN THESE COLUMNS REFER TO SEED MIXTURES IN FIGURE PS-3. MIXES FOR SHADY AREAS ARE UNDERLINED (INCLUDING MIXES 20 THROUGH 24).		
(2) SEE COUNTY SOIL SURVEY FOR DRAINAGE CLASS. SOIL SURVEYS ARE AVAILABLE FROM THE COUNTY SOIL AND WATER CONSERVATION DISTRICT OFFICE.		
(3) USE MIX 26 WHEN SOIL PASSING A 200 MESH SIEVE IS LESS THAN 15% OF TOTAL WEIGHT, USE MIX 26 & 27 WHEN SOIL PASSING A 200 MESH SIEVE IS BETWEEN 15 AND 20% OF TOTAL WEIGHT. USE MIX 28, 27 AND 28 WHEN SOIL PASSING A 200 MESH SIEVE IS ABOVE 20% OF TOTAL WEIGHT.		

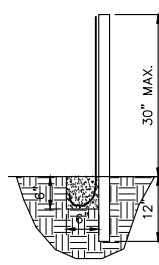
EROSION CONTROL DETAILS



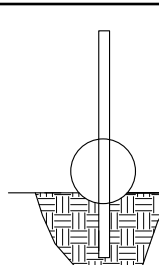
WATER BAR DETAIL
NOT TO SCALE



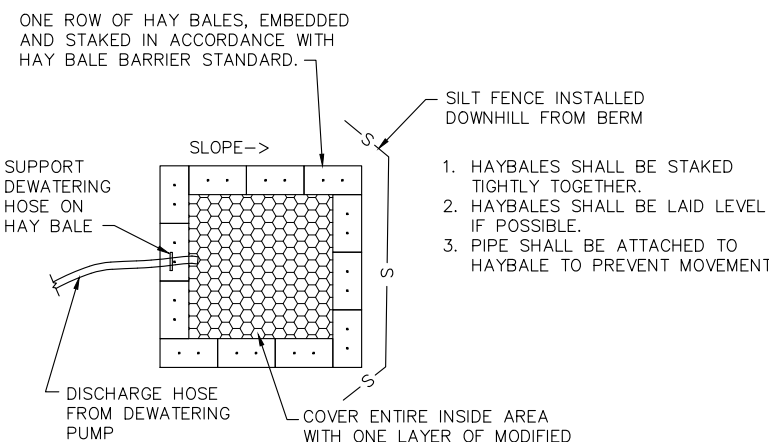
HAYBALE BARRIER DETAIL
NOT TO SCALE



GEOTEXTILE SILT FENCE DETAIL
NOT TO SCALE



COIR LOG INSTALLATION DETAIL
NOT TO SCALE



PUMPING SETTLING BASIN DETAIL
NOT TO SCALE

FIGURE TS-2 TEMPORARY SEEDING RATES AND DATES

SPECIES (4)	SEEDING RATES (LBS)		OPTIMUM SEED DEPTH (2) (INCHES)	OPTIMUM SEEDING DATES (1)										PLANT CHARACTERISTICS
	/ACRE	/1,000 SF.		3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15			
				3/1	4/1	5/1	6/1	7/1	8/1	9/1	10/1			
ANNUAL RYEGRASS LOLIUM MULTIFLORUM	40	1.0	0.5											MAY BE ADDED IN MIXES. WILL MOW OUT OF MOST STANDS.
PERENNIAL RYEGRASS LOLIUM PERENNE	40	1.0	0.5											USE FOR WINTER COVER. TOLERATES COLD AND LOW MOISTURE.
WINTER RYE SECALE CEREALE	120	3.0	1.0											QUICK GERMINATION AND HEAVY SPRING GROWTH. DIES BACK IN JUNE WITH LITTLE REGROWTH.
OATS AVENA SATIVA	86	2.0	1.0											IN NORTHERN CT. WILL WINTER KILL WITH THE FIRST KILLING FROST AND MAY THROUGHOUT THE STATE IN SEVERE WINTERS.
WINTER WHEAT TRITICUM AESTIVUM	120	3.0	1.0											QUICK GERMINATION WITH MODERATE GROWTH. DIES BACK IN JUNE WITH NO REGROWTH.
MILLET ECHINOCHLOA CRUSGALLI	20	0.5	1.0											WARM SEASON SMALL GRAIN. DIES WITH FROST IN SEPTEMBER.
SUDANGRASS AORGHUM SUDANENSE	30	0.7	1.0											TOLERATES WARM TEMPERATURES AND DROUGHTY CONDITIONS.
BUCKWHEAT FAGOPYRUM ESCULENTUM	15	0.4	1.0											HARDY PLANT THAT WILL RESEED ITSELF AND IS GOOD AS A GREEN MANURE CROP.
WEEPING LOVEGRASS ERAGOSTIS CURBULA	5	0.2	0.25											WARM SEASON PERENNIAL. MAY BUNCH. TOLERATES HOT, DRY SLOPES, ACID INFERTILE SOILS. EXCELLENT NURSE CROP. USUALLY WINTER KILLS.
DOT ALL PURPOSE MIX (3)	150	3.4	0.5											SUITABLE FOR ALL CONDITIONS.

- (1) MAY BE PLANTED THROUGHOUT SUMMER IF SOIL MOISTURE IS ADEQUATE OR CAN BE IRRIGATED. FALL SEEDING MAY BE EXTENDED 15 DAYS IN THE COASTAL TOWNS.
- (2) SEED AT TWICE THE INDICATED DEPTH FOR SANDY SOILS.
- (3) SEE PERMANENT SEEDING FIGURE PS-3 FOR SEEDING MIXTURE REQUIREMENTS.
- (4) LISTED SPECIES MAY BE USED IN COMBINATIONS TO OBTAIN A BROADER TIME SPECTRUM. IF USED IN COMBINATIONS, REDUCE EACH SPECIES PLANTING RATE BY 20% OF THAT LISTED.

