



Record No: WP-25-36

Wetlands Permitting

Status: Active

Submitted On: 12/5/2025

Primary Location

346 STONEHOUSE RD
Coventry, CT 06238

Owner

FOWLER DANIEL J
148 PLAINS RD
COVENTRY, CT 06238

Applicant

Titan Construction
 860-212-5342
 titanconstructionct@gmail.com
 PO Box 665
Storrs, Ct 06268

Applicant/Owner Information: Please note that "?" bubbles throughout the application provide additional helpful information when hovered over.

Applicant Information

Applicant's Association to Owner:*

Contractor

Applicant Business Name (if applicable)

TITAN CONSTRUCTION LLC

Owner Information

Owner Name

DANIEL FOWLER

Owner Phone Number

(860) 268-2379

Owner Email Address

djfowler@gmail.com

Owner Address

148 PLAINS RD, COVENTRY, CT 06238

Additional Information

Additional Agent, Engineer, Contractor Information (if applicable):

MARK PETERSON (GARDNER AND PETERSON ASSOCIATES)

Wetlands Permitting**Type of Wetlands Application:***

Regulated Activity Application

Regulated Activity Being Applied For: *

Activity Within a Designated Wetlands or Watercourse

Activity/Project Information**Description of Proposed Activity(s):* ?**

BUILD NEW CONSTRUCTION TWO FAMILY HOME (60X30') (TWO BEDROOMS AND ONE AND A HALF BATHROOMS, per unit) (TWO DECKS per unit, 24X10')

Distance in Feet from Regulated Wetlands/Watercourse:*

50

Square feet of Wetlands, Watercourse and/or Regulated Area Impacted:

370

Describe measures (if any) that will be taken to minimize the impact on wetlands, watercourses, and the regulated areas:

A sedimentation and erosion control plan with a construction sequence has been provided to minimize the impact to wetlands.

Any additional and/or pertinent information:

A small wetland disturbance is required due to the slope of the property.
370sf of wetland disturbance.
50ft of disturbance within the existing roadside drainage swale.
6,700sf of upland review area disturbance.

Is any portion of the property on which the regulated activity is proposed located within 500 feet of an adjoining municipality?*

No

Acknowledgments

MANDATORY PRE APPLICATION FOR ALL LAND USE, HEALTH, AND BUILDING APPLICATIONS Except for interior work in existing buildings and exterior work that does not expand or alter the footprint of an existing building. Effective October 1, 2005 no Land Use, Health or Building application for a permit may be filed until the holder(s) of any conservation restriction or preservation restriction on the subject property has been notified. Please see the attached legislation, PA 05-124. Please provide the name of the property owner(s) and street address of the property for which one of the above applications will be submitted and complete either A or B below. Property Owner(s): Address of Permit Application: A. I hereby certify there are NO conservation easements or restrictions nor any preservation restrictions on the above referenced property. B. There ARE conservation easements or restrictions or preservation restrictions on the above referenced property. Name/Phone Number of Restriction Holder: Please attach one of the following: I. Proof that the holder of the conservation or preservation restriction was notified by certified mail return receipt requested of the property owner's intent to apply for a Land Use, Health or Building permit in the [[orgFullName]]. 2. A letter from the conservation or preservation restriction holder verifying that the application is in compliance with the terms of the restriction.*



The undersigned electronic signature hereby grants permission to this Agency and its Agent to conduct any necessary inspections of this property, at reasonable times, both before and after the permit in question has been granted by the Agency/Agent.*



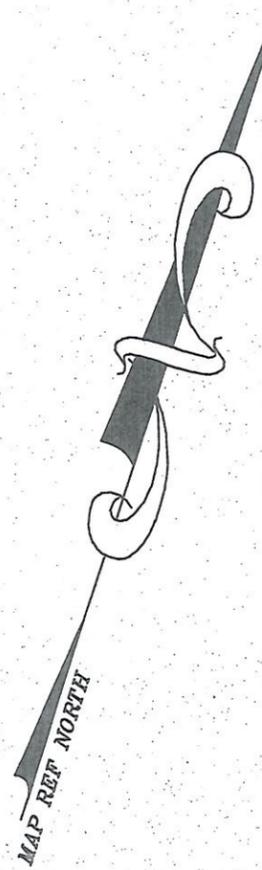
I HEREBY ACKNOWLEDGE AND CERTIFY THAT I'M PERSONALLY FAMILIAR WITH ALL THE INFORMATION PROVIDED IN THIS APPLICATION AND THAT ALL STATEMENTS AND REPRESENTATIONS MADE ARE TRUE TO THE BEST OF MY KNOWLEDGE. I FURTHER CERTIFY THAT I AM AWARE OF THE PENALTIES FOR OBTAINING A PERMIT THROUGH DECEPTION OR THROUGH INACCURATE OR MISLEADING INFORMATION.*



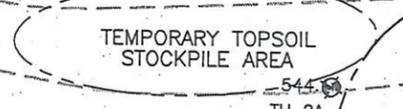
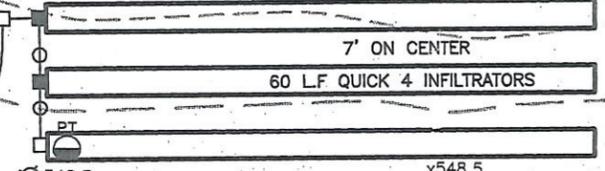
I agree that my electronic signature below warrants the truth of all statements contained herein and in all supporting documents according to the best of the Agent &/or Owner(s) knowledge and belief, and that it is equivalent to a handwritten signature and is binding for all purposes related to this transaction.*

 SHANE STINSON

Dec 4, 2025



DELUX GRADING FOR SEPTIC.



SILTFENCE (TYP)

FORCEMAIN

I.P. FOUND (TYP)

S16°56'10"E
144.02'

36.54'
N54°56'58"E

(TYP)
ADD CHECK DAMS
(HAYBALE AT TRENCH)
UNTIL STABLE

NATHAN J. AINSWORTH
341 STONEHOUSE ROAD

DO YOU NEED FOOTING
DRAIN FOR GROUNDWATER
INTERCEPTED BY STRUCTURE?

TIE ROOF GUTTERS
TO STORM BASIN.

MOCK
GRADING
TO MAINTAIN
WATER ON
PROPERTY

GRADE
SIDE YARD
TO KEEP
SURFACE
FLOW ON
CONCRETE
(TYP)
PROPERTY

CAN SEPTIC TANK & PUMP
CHAMBER BE MOVED
INTO DRIVEWAY TO FREE UP
ROOM FOR
STORM WATER?

PER THE EHHD FILES,
THE EXISTING SEPTIC SYSTEM
IS WEST OF THE HOUSE.

BITUMINOUS DRIVEWAY
MAXIMUM SLOPE IN R.O.W. = 8%
MAXIMUM SLOPE ON LOT = 15%

TEMP. WATER BAR

PROPOSED CULVERT
15" CLASS V RCP
INV=501.0
INV=499.6
L=32', S=4.3%

DOUBLE
CHECK WIDTH OF DRIVEWAY
FOR ZONING & DUPLEX.

PROVIDE RIP-RAP
BETWEEN CULVERTS

390' SIGHTLINE

EX. 12" CMP
INV=503.5(IN)
INV=501.9(OUT)

SIGHT LINE

PROPOSED DUPLEX
FF=521.0
TW=520.0
BSMT=512.5
GF=512.0
BOX=60'x33'

CHECK
DAM.

GRASS ISLAND

DECK ABOVE

DECK ABOVE

TEMPORARY
TOPSOIL
STOCKPILE AREA

TEMP SED BASIN

CULVERT
TO CONVEY
FLOW.

POST
STORM
WATER
BASIN

STONEHOUSE ROAD

REMOVES CULVERT WHEN
NEW DRIVEWAY IS FUNCTIONAL.

THE CURB CUT REQUIRES A CT DOT ENCROACHMENT PERMIT
PRIOR TO ANY ON-SITE ACTIVITY. PERMIT SHALL BE UPLOADED
TO THE OPEN GOV APPLICATION PORTAL.

PROPOSED UNDERGROUND UTILITIES
CONTRACTOR TO COORDINATE WITH
APPROPRIATE UTILITY COMPANIES

TM PENNEY 12/18/25 1"=20' WP 25-36

15' will this EX. channel BE
BIG ENOUGH FOR CONSTRUCTION EQ.

N/F
EDWARD A. WILLIAMS
335 STONEHOUSE ROAD

MAP REF NORTH

RESERVE AREA-MANTIS DW58
PUMP REQUIRED

7' ON CENTER
60 LF QUICK 4 INFILTRATORS

TEMPORARY TOPSOIL STOCKPILE AREA

SILTFENCE (TYP)

I.P. FOUND (TYP)

PROPOSED TREELINE

APPROXIMATE LEACHFIELD F

PER THE EHD WELL AT 369 IS ALONG THE LINE OF 369 STON

CONCRETE WALK (TYP)

N CHARLE 369 STONE

RETAINING WALL
CURB STOP (TYP)

CAN YOU LOWER GARAGE FLOOR TO 211.0. IT GIVES YOU A FLATTER CAR LANDING.

GF = 211.00

PROPOSED DUPLEX
FF=521.0
TW=520.0
BSMT=512.5
GF=512.0
BOX=60'x33'

DECK ABOVE
GRASS ISLAND ABOVE

GRASS ISLAND ABOVE

TEMPORARY TOPSOIL STOCKPILE AREA

EXISTING HOUSE

PER THE EHD FILES, THE EXISTING SEPTIC SYSTEM IS WEST OF THE HOUSE.

BITUMINOUS DRIVEWAY
MAXIMUM SLOPE IN R.O.W. =8%
MAXIMUM SLOPE ON LOT =15%

PROPOSED CULVERT
15" CLASS V RCP
INV=501.0
INV=499.6
L=32', S=4.3%

PROVIDE RIP-RAP BETWEEN CULVERTS

PROVIDE RIP-RAP APRON

EX: 12" CMP
INV=503.5 (IN)
INV=501.9 (OUT)

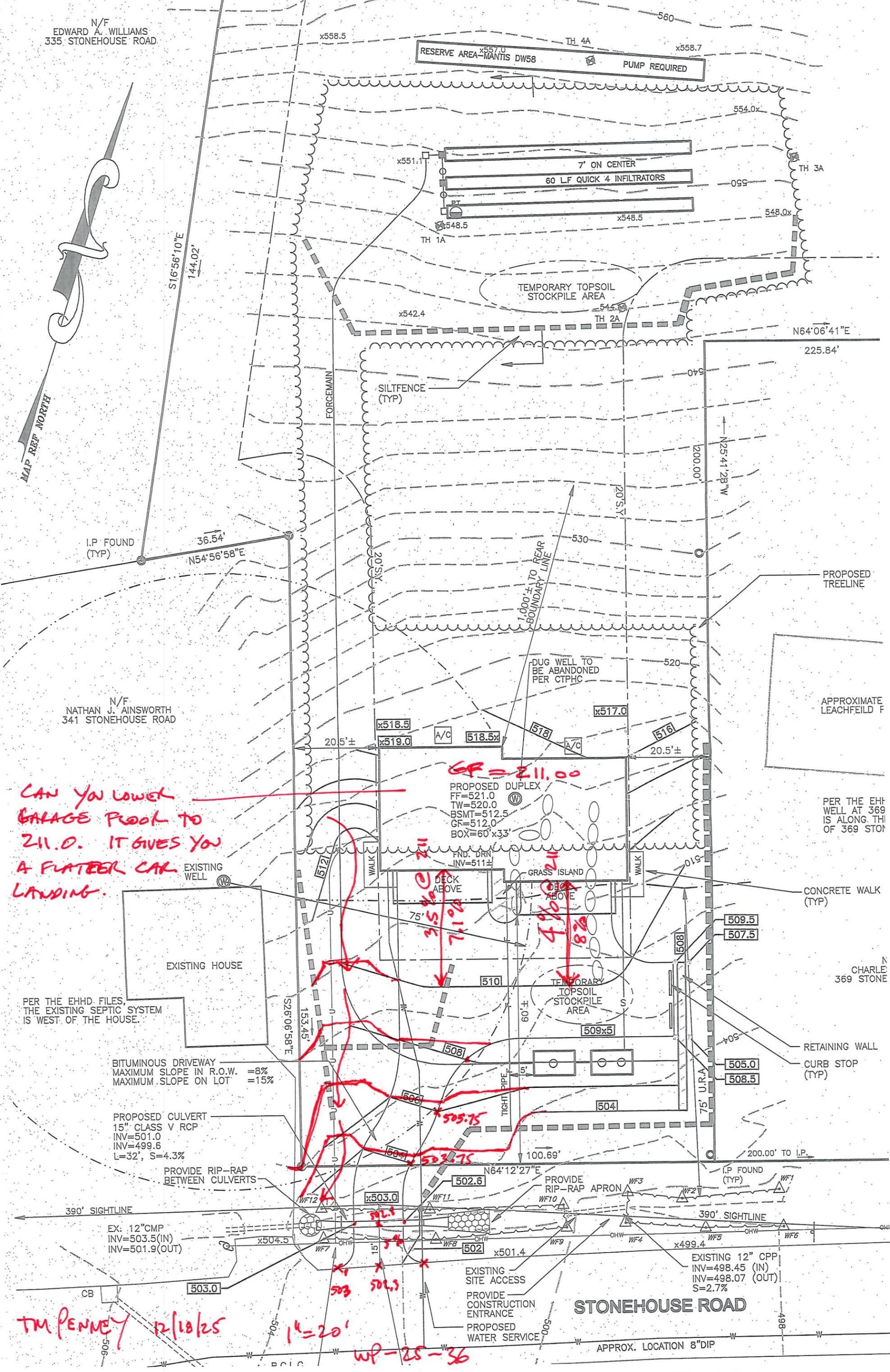
EXISTING 12" CPP
INV=498.45 (IN)
INV=498.07 (OUT)
S=2.7%

STONEHOUSE ROAD

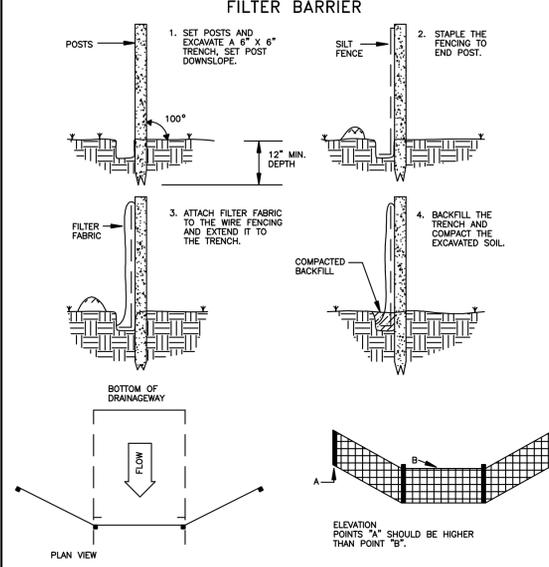
APPROX. LOCATION 8" DIP

TM PENNEY 12/18/25

*1" = 20'
WP-25-36*

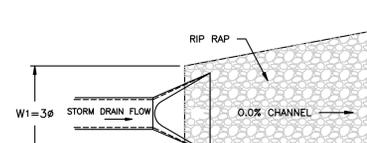
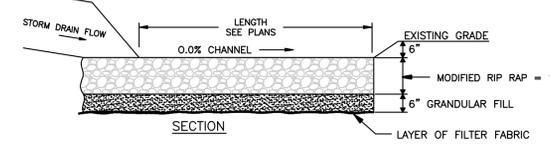


PLACEMENT AND CONSTRUCTION OF A SYNTHETIC FILTER BARRIER



CULVERT REMOVAL NOTES:

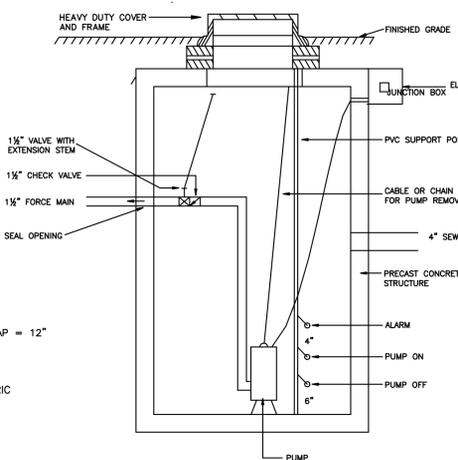
1. INSTALL SILTFENCE OR HAYBALES DOWNGRADE OF WORK AREA
2. REMOVE EXISTING CULVERT FROM SITE
3. REMOVE SOIL BETWEEN WETLAND FLAGS 3/4 & 9/10
4. FINAL GRADE DISTURBED AREA TO PROVIDE CONTINUOUS CHANNEL LOAM AND SEED DISTURBED AREA WITH NEW ENGLAND WETMIX OR EQUAL
5. REMOVE EROSION CONTROLS WHEN GRASS IS ESTABLISHED



- NOTES:**
1. WHERE POSSIBLE LEVEL SPREADER TO BE CONSTRUCTED ON UNDISTURBED SOIL.
 2. SHAPE THE ENTRANCE TO THE SPREADER IN SUCH A MANNER AS TO INSURE THAT RUNOFF ENTERS DIRECTLY INTO THE 0.0% CHANNEL.
 3. LIP TO BE CONSTRUCTED LEVEL AT 0.0% GRADE TO INSURE UNIFORM SPREADING OF STORM WATER RUNOFF.

LEVEL SPREADER DETAIL

SECTION



PUMP STATION DETAIL

- NOTES - EFFLUENT PUMP STATION**
1. Effluent lift chamber to be a 1000 gallon watertight chamber with light cover. Chamber shall be installed with a manhole to grade to provide easy access for maintenance or service.
 2. Joints and penetrations of pump chamber to be sealed watertight.
 3. Pump to be non-clog submersible designed to handle raw sewage. Pump to be Zoster model N24 or approved equal.
 4. Alarm system to consist of a float switch located 4" above pump "ON" level (but below inlet invert from house) with an audible alarm bell located in the house. Pump and alarm to be installed on separate electrical circuits.
 5. Pipe from pump chamber to the leaching field to be 1 1/2" PVC schedule 40 (solvent welded joints) or 180 psi water-service pipe. Pipe to be installed at least 3 1/2" deep for frost protection and pipe to be bedded in sand. No stones are to be used in the backfill. Pipe shall be laid with a positive slope from the pump station to the outlet (no low points).
 6. Dosing is to be approximately 100 gallons. The levels of the on-off switches shall be set in the field and are dependent upon the final size of the chamber.

PERCOLATION TEST:
BY GARDNER & PETERSON ASSOCIATES, LLC
DATE TESTED: OCTOBER 17, 2025

PERC AT TH 1
PRESOAKED @ 9:14
DEPTH = 28"
MARK DOWN 2 1/2"

TIME	DEPTH
10:15	4"
10:20	6"
10:25	7 1/2"
10:30	9"
10:35	10"
10:40	10 3/4"
10:45	11 1/2"
10:50	12"
10:55	12 1/2"
11:00	13"
11:05	13 1/2"
11:10	14"

RATE: 10 MIN/IN

DEEP TEST PITS RESULTS:
BY EASTERN HIGHLANDS HEALTH DISTRICT AND GARDNER & PETERSON ASSOCIATES, LLC
DATE TESTED: OCTOBER 20, 2025

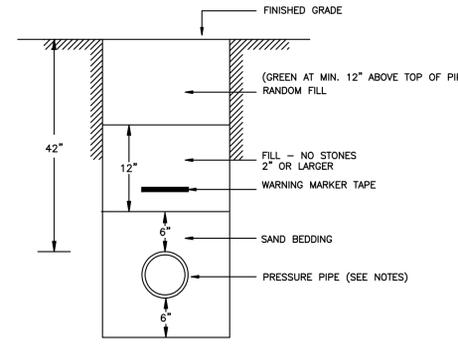
TH1A	Topsoil	0-6"	Brown sandy loam
0-6"	Topsoil	6-36"	Brown sandy loam
36"	Decomposing rock	36-52"	Decomposing rock, boney sandy till
No Seepage		Ledge @ 52"	
Roots to 36"			

TH2A	Topsoil	0-8"	Brown sandy loam
0-8"	Topsoil	8-24"	Brown sandy loam
24-32"	Tan-light brown sandy loam	32-59"	Gray mottled sandy till
Mottling @ 32"		Ledge @ 56"	
No Seepage		Roots to 32"	

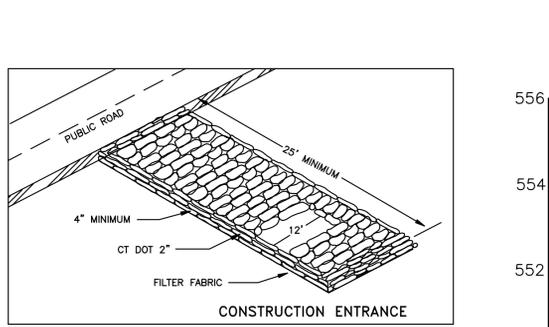
TH3A	Topsoil	0-4"	Brown sandy loam
0-4"	Topsoil	4-28"	Brown sandy loam
28-56"	Gray compact sandy till	Mottling @ 28"	
Ledge @ 56"		No Seepage	
Roots to 32"			

TH4A	Topsoil	0-6"	Brown sandy loam
0-6"	Topsoil	6-32"	Brown sandy loam
32-58"	Gray compact sandy till	Mottling @ 32"	
Ledge @ 58"		No Seepage	
Roots to 32"			

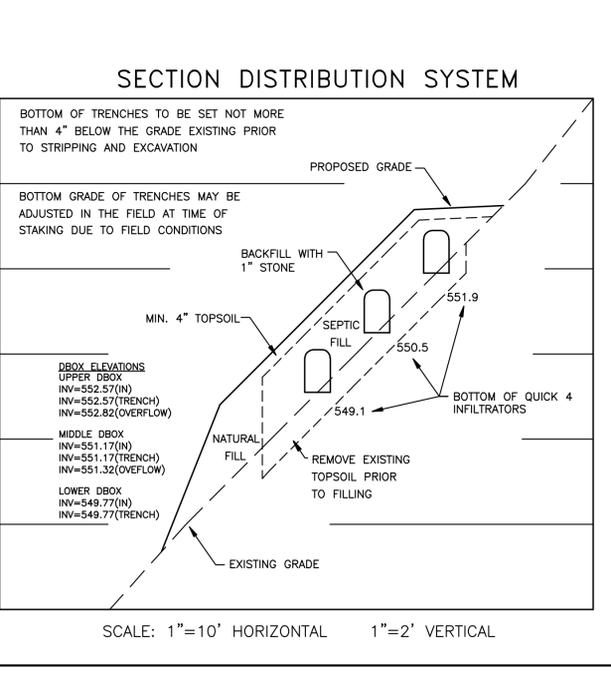
SEWER EFFLUENT PRESSURE SERVICE



SECTION DISTRIBUTION SYSTEM

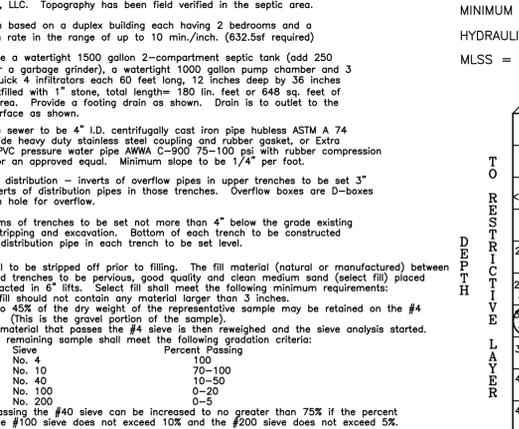


- CONSTRUCTION ENTRANCE**
- PAVED DRIVEWAY CROSS SECTION**
N.T.S.
- NOTES:**
- A. MIN. 2" (AFTER COMPACTION) CLASS II BITUMINOUS CONCRETE
 - B. MIN. 8" (AFTER COMPACTION) PROCESSED AGGREGATE BASE OR MIN. 8" BANK RUN GRAVEL AND 4" PROCESSED GRAVEL
- SCALE: 1"=10' HORIZONTAL 1"=2' VERTICAL**



- NOTES:**
1. BOTTOM OF TRENCHES TO BE SET NOT MORE THAN 4" BELOW THE GRADE EXISTING PRIOR TO STRIPPING AND EXCAVATION
 2. BOTTOM GRADE OF TRENCHES MAY BE ADJUSTED IN THE FIELD AT TIME OF STAKING DUE TO FIELD CONDITIONS
 3. BACKFILL WITH 1" STONE
 4. MIN. 4" TOPSOIL
 5. REMOVE EXISTING TOPSOIL PRIOR TO FILLING
 6. EXISTING GRADE

SUBSURFACE DISPOSAL DISTRIBUTION



- NOTES - SEPTIC SYSTEM DESIGN**
1. Soil testing by the Eastern Highlands Health District and Gardner & Peterson Associates, LLC. Topography has been field verified in the septic area.
 2. Design based on a duplex building each having 2 bedrooms and a percolation rate in the range of up to 10 min./inch. (632.5sf required)
 3. Provide a watertight 1500 gallon 2-compartment septic tank (add 250 gallons for a garbage grinder), a watertight 1000 gallon pump chamber and 3 rows of quick 4-infiltrators each 60 feet long, 12 inches deep by 36 inches wide, backfilled with 1" stone, total length= 180 lin. feet or 648 sq. feet of leaching area. Provide a footing drain as shown. Drain is to outlet to the ground surface as shown.
 4. House sewer to be 4" I.D. centrifugally cast iron pipe hubless ASTM A 74 with 3" wide heavy duty stainless steel coupling and rubber gasket, or Extra Strength PVC pressure water pipe AWWA C-900 75-100 psi with rubber compression gaskets, or an approved equal. Minimum slope to be 1/4" per foot.
 5. Serial distribution - inverts of overflow pipes in upper trenches to be set 3" above inverts of distribution pipes in those trenches. Overflow boxes are D-boxes using high hole for overflow.
 6. Bottoms of trenches to be set not more than 4" below the grade existing prior to stripping and excavation. Bottom of each trench to be constructed level and distribution pipe in each trench to be set level.
 7. Topsoil to be stripped off prior to filling. The fill material (natural or manufactured) between and beyond trenches to be pervious, good quality and clean medium sand (select fill) placed and compacted in 6" lifts. Select fill shall meet the following minimum requirements:
 - A. The fill should not contain any material larger than 3 inches.
 - B. Up to 45% of the dry weight of the representative sample may be retained on the #4 sieve. (This is the gravel portion of the sample).
 - C. The material that passes the #4 sieve is then reweighed and the sieve analysis started.
 - D. The remaining sample shall meet the following gradation criteria:

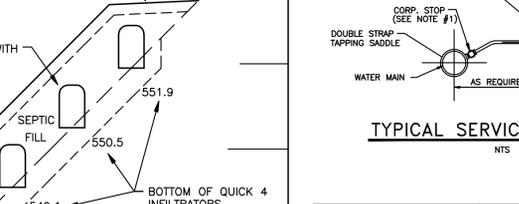
Sieve	Percent Passing
No. 4	100
No. 10	70-100
No. 40	10-50
No. 100	0-20
No. 200	0-5

 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%.

The responsibility for the preparation of a leaching area utilizing "select material" is that of the licensed installer. The installer shall take the necessary steps to protect the underlying naturally occurring soils from overcompaction and siltation once exposed.

Fill material to be placed prior to trench excavation. No traffic other than track-driven equipment is to cross, dump, unload or otherwise compact the fill area after topsoil removal until 18" of fill material has been placed. Initial 18" of fill material to be dumped at the edge of the stripped area and spread and compacted with track-driven vehicles. Stockpiling is to take place upgradient of the leaching area. The area down gradient of the leaching area is not to be disturbed.

8. Disturbed areas to be loamed and seeded. Final grade to shed surface water.
9. Elevations shown are based on an assumed datum. A benchmark will be established in the septic area at the time of staking.
10. No in-ground fuel tank, bury hole, or other source of pollution is to be within 75' of a well. The proposed home will be served by public water.
11. It is recommended that the Eastern Highlands Health District Sanitarian be contacted before any site work is performed.
12. It is the responsibility of the contractor to contact the property owners, appropriate utility companies, or "Call Before You Dig" to verify the location of underground utilities prior to construction. Any utility locations shown on this plan are approximate only, and must be verified by the contractor prior to construction.
13. It is the responsibility of the owner or his contractor to obtain all local, state, or federal, or other permits which are required to implement the activities shown on this plan, and to perform the activities in accordance with the regulations and recommendations of the appropriate agencies.
14. As required by the Eastern Highlands Health District, the design engineer shall supervise the staking of the septic system and assure conformance to the plan and all requirements of the Public Health Code of Connecticut.



- TYPICAL SERVICE CONNECTION**
N.T.S.
- NOTES:**
1. THE TOP OF THE CORPORATION AND THE FIRST THREE (3) FEET OF COPPER TUBING SHALL BE INSTALLED NO HIGHER THAN THE TOP OF THE WATER MAIN.
 2. NO INTERMEDIATE SIZES (i.e. 3/4", 1-1/2", 1-3/4") ARE ALLOWED FOR COPPER SERVICES. ANY SERVICE REQUIREMENT GREATER THAN 2" COPPER SHALL BE CLOUP (4" MIN.) WITH THE SHUT-OFF LOCATED AT THE MAIN. COPPER TUBING SHALL BE CONTINUOUS BETWEEN THE CORPORATION STOP AND THE CURB STOP.

MINIMUM LEACHING SYSTEM SPREAD (MLSS)
HYDRAULIC FACTOR (HF) X FLOW FACTOR (FF) X PERCOLATION FACTOR (PF)
MLSS = HF X FF X PF 20 X 1.92 X 1.25 = 48

HYDRAULIC FACTOR (HF)

TOPOGRAPHY	HYDRAULIC GRADIENT (% OF SLOPE)										
	<1	1-1	2	3	3-1	4	4-1	6-1	8-1	10-1	>15
<17.9	SEE NOTE #1										
18-22	72	62	54	48	42	34	30	28	26	24	
22-1	26	66	56	48	42	34	30	28	26	24	
26-1	30	56	49	42	34	30	28	26	24	20	
30-1	36	48	42	34	30	28	26	24	20	18	
36-1	42	42	36	30	28	26	24	20	18	16	
42-1	48	36	32	28	26	24	20	18	16	14	
48-1	60	30	28	24	22	20	18	16	14	10	
>60	MLSS NEED NOT BE CONSIDERED										

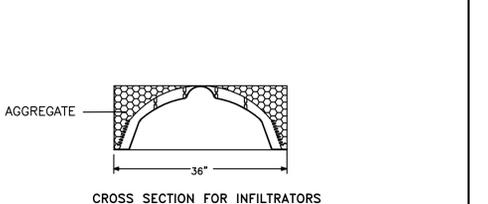
#1-CANNOT BE APPROVED UNLESS HYDRAULIC ANALYSIS DEMONSTRATES SUITABILITY

FLOW FACTOR (FF) = DESIGN FLOW SO: 3 BEDROOMS = 450 = 1.5
300
4 BEDROOMS = 525 = 1.75
300

AVERAGE DEPTH TO RESTRICTIVE LAYER
TH 1A 36" 4 BEDROOMS = 525 = 1.75
TH 2A 32" 300
TH 3A 28" 300
TH 4A 32" 300
AVERAGE: 32" MULTI-FAMILY 4 BEDROOMS = 576 = 1.92
300

PERCOLATION FACTOR:

Up to 10.0 Minutes/inch	= 1.0
10.1 - 20 Minutes/inch	= 1.25
20.1 - 30 Minutes/inch	= 1.5
30.1 - 45 Minutes/inch	= 3.0 or 2.0*
45.1 - 60 Minutes/inch	= 5.0 or 3.0*



CROSS SECTION FOR INFILTRATORS
INSTALL PER MANUFACTURERS INSTRUCTIONS

NOTES:

1. THE TOP OF THE CORPORATION AND THE FIRST THREE (3) FEET OF COPPER TUBING SHALL BE INSTALLED NO HIGHER THAN THE TOP OF THE WATER MAIN.
2. NO INTERMEDIATE SIZES (i.e. 3/4", 1-1/2", 1-3/4") ARE ALLOWED FOR COPPER SERVICES. ANY SERVICE REQUIREMENT GREATER THAN 2" COPPER SHALL BE CLOUP (4" MIN.) WITH THE SHUT-OFF LOCATED AT THE MAIN. COPPER TUBING SHALL BE CONTINUOUS BETWEEN THE CORPORATION STOP AND THE CURB STOP.

IMPROVEMENT LOCATION SURVEY

SUBSURFACE DISPOSAL DESIGN PLAN

PREPARED FOR
TITAN CONSTRUCTION
APN: 37-56
STONEHOUSE ROAD
COVENTRY, CONNECTICUT

GARDNER & PETERSON ASSOCIATES, LLC
178 HARTFORD TURNPIKE
TOLLAND, CONNECTICUT
PROFESSIONAL ENGINEERS LAND SURVEYORS

REVISIONS	SCALE	DATE	SHEET NO.	MAP NO.
12/22/25 STAFF COMMENTS	AS SHOWN	11-15-2025	2 OF 2	11479

GENERAL EROSION AND SEDIMENT CONTROL NOTES

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION.
2. ALL SEDIMENT CONTROL PRACTICES AND MEASURES SHALL BE CONSTRUCTED, APPLIED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN.
3. TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED IN THE AMOUNT NECESSARY TO COMPLETE THE FINISHED GRADING OF ALL EXPOSED AREAS.
4. AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS OR OTHER OBJECTIONABLE MATERIAL.
5. ALL FILLS SHALL BE COMPACTED AS REQUIRED TO MINIMIZE EROSION, SLIPPAGE, AND SETTLEMENT. FILL INTENDED TO SUPPORT STRUCTURES, DRAINAGE, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH THE APPROPRIATE STATE AND/OR LOCAL SPECIFICATIONS.
6. FILL MATERIAL SHALL BE FREE OF BRUSH, RUBBISH, LARGE ROCKS, LOGS, STUMPS, BUILDING MATERIAL, COMPRESSIBLE MATERIAL, AND OTHER MATERIALS WHICH MAY INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.
7. FROZEN MATERIAL OR SOFT MUCKY OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED INTO FILLS.
8. FILL SHALL NOT BE PLACED ON A FROZEN FOUNDATION.
9. ALL BENCHES SHALL BE KEPT FREE OF SEDIMENT DURING ALL PHASES OF DEVELOPMENT.
10. SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH SOUND CONSTRUCTION PRACTICE.
11. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY FOLLOWING FINISH GRADING. IF FINISH GRADING IS TO BE DELAYED FOR MORE THAN 30 DAYS AFTER DISTURBANCE IS COMPLETE, TEMPORARY SOIL STABILIZATION MEASURES SHALL BE APPLIED. AREAS LEFT OVER 30 DAYS SHALL BE COVERED LONG TERM AND SHALL RECEIVE TEMPORARY SEEDING WITHIN THE FIRST 15 DAYS.
12. SITE IS TO BE GRADED TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCHING, AND MAINTENANCE UNLESS OTHERWISE SPECIFIED IN THE PLANS.
13. CUT AND FILL SLOPES SHALL NOT BE STEEPER THAN 2:1. TOPSOIL SHALL BE SPREAD TO A MINIMUM DEPTH OF 4". ADDITIONAL TOPSOIL MAY BE REQUIRED TO MEET MINIMUM DEPTHS. NO TOPSOIL SHALL BE REMOVED FROM THIS SITE.
14. APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL CULTIPACKER TYPE SEEDER, OR HYDROSEEDER (SLURRY INCLUDING SEED AND FERTILIZER). NORMAL SEEDING DEPTH IS FROM 1/4" TO 1/2" INCH. HYDROSEEDING WHICH IS MULCHED MAY BE LEFT ON THE SOIL SURFACE.
15. WHERE FEASIBLE, EXCEPT WHERE EITHER A CULTIPACKER TYPE SEEDER OR HYDROSEEDER IS USED, THE SEEDBED SHOULD BE FIRMLY FOLLOWING SEEDING WITH A ROLLER OR LIGHT DRAG.
16. FERTILIZER AND LIME ARE TO BE WORKED INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRING TOOTH HARROW OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISC OPERATION SHOULD BE ALONG THE CONTOUR.
17. REMOVE FROM THE SURFACE ALL STONES TWO INCHES OR LARGER. REMOVE ALL OTHER DEBRIS SUCH AS WIRE, TREE ROOTS, PIECES OF CONCRETE, OR OTHER UNSUITABLE MATERIALS.
18. INSPECT SEEDBED BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RETILLED BEFORE SEEDING, THEN FIRMED AS DESCRIBED ABOVE.
19. WHERE GRASSES PREDOMINATE, FERTILIZE ACCORDING TO SOIL ANALYSIS, OR SPREAD 300 POUNDS OF 10-10-10 OR EQUIVALENT PER ACRE (7.5 POUNDS PER 1000 S.F.).
20. CALCIUM CHLORIDE WILL BE AVAILABLE FOR DUST CONTROL ON GRAVEL TRAVEL SURFACES.

TEMPORARY SEEDING SCHEDULE:

SPECIES	LBS/ACRE	LBS/1000SF	SEEDING DATES
ANNUAL RYEGRASS	40	0.9	3/1-6/15, 8/1-10/1
WINTER RYE	40	0.9	4/15-6/15, 8/15-10/1
QUINQUAGRASS	11	0.25	5/15-9/15

TEMPORARY SEEDING IS NOT LIMITED TO THE SPECIES SHOWN. OTHER SPECIES RECOMMENDED BY THE SCSS OR AS LIMITED BY SITE CONDITIONS MAY BE USED.

STRAW MULCH IS TO BE APPLIED TO SEEDBED AT THE RATE OF 1-1/2 TO 2 TONS PER ACRE, 70 TO 90 LBS. PER 1000 SQ. FT.

FINAL SEEDING SCHEDULE:

SPECIES	LBS/ACRE	LBS/1000SF	SEEDING DATES
KENTUCKY BLUEGRASS	40	0.90	4/15-6/15, 8/15-9/15
CREeping RED FESCUE	120	2.75	
PERENNIAL RYEGRASS	40	0.90	

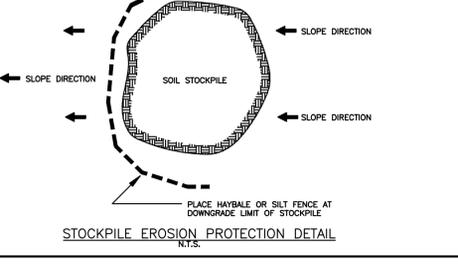
CONSTRUCTION SCHEDULE & EROSION & SEDIMENT CONTROL CHECKLIST

PROJECT NAME: TITAN CONSTRUCTION
LOCATION: STONEHOUSE ROAD COVENTRY, CT
PROJECT DESCRIPTION: SINGLE FAMILY HOUSE
PARCEL AREA: 7.4 ACRES
RESPONSIBLE PERSONNEL: TITAN CONSTRUCTION

WORK DESCRIPTION	EROSION & SEDIMENT CONTROL MEASURES	DATE INSTALLED	INITIALS
LAND SURVEYOR TO STAKE SIDE PROPERTY LINES NEAR ROAD AND FLAG LIMIT OF CLEARING			
PROVIDE CONSTRUCTION ENTRANCE AT EXISTING SITE ACCESS DRIVE (THIS IS FOR TEMPORARY ACCESS)			
INSTALL DRIVEWAY CULVERT			
ABANDON WELL PER CITHC			
CLEAR TREES AND BRUSH WITHIN LIMIT OF CLEARING	INSTALL SILTFENCE AS SHOWN PRIOR TO STUMPING		
REMOVE STUMPS			
INSTALL TEMPORARY SEDIMENT TRAP			
STRIP TOPSOIL	INSTALL SILTFENCE DOWNGRADE OF STOCKPILE AREAS		
PROVIDE CONSTRUCTION ENTRANCE AND CONSTRUCT PROPOSED DRIVEWAY			
ABANDON EASTERLY CONSTRUCTION ENTRANCE. REMOVE EXISTING CULVERT (SEE NOTES) AND ANTI-TRACKING PAD			
CONSTRUCT SEPTIC, HOUSE AND UTILITIES			
FINAL GRADE SITE	LOAM AND SEED ALL DISTURBED AREAS		
PAVE DRIVEWAY	REMOVE SILTFENCE WHEN SITE IS STABILIZED		

PROJECT DATES:
DATE OF CONSTRUCTION START: ASAP
DATE OF CONSTRUCTION COMPLETION: 1 YEAR AFTER START

EROSION AND SEDIMENT CONTROL PROCEDURES SHALL ESSENTIALLY BE IN ACCORDANCE WITH THESE PLANS, AS REQUIRED BY TOWN REGULATIONS AND THE MANUAL "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" FOR CONNECTICUT, BY THE COUNCIL ON SOIL AND WATER CONSERVATION, 1985, REVISED TO 2024.



STOCKPILE EROSION PROTECTION DETAIL
N.T.S.

PLACE HAYBALE OR SILT FENCE AT DOWNGRADE LIMIT OF STOCKPILE

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