

DESIGN CRITERIA:

HOUSE SIZE:	5 - BEDROOM	MINIMUM LEACHING SYSTEM SPREAD (MLSS):	10.7% AVG.
DESIGNED PERCOLATION RATE:	10 MINUTES/INCH	HYDRAULIC GRADIENT:	2.0
REQUIRED LEACHING AREA:	680 S.F.	PERCOLATION FACTOR:	1.0
PROVIDED LEACHING AREA:	700 S.F.	PERCOLATION FACTOR:	1.0
RESERVE LEACHING AREA:	200 S.F.	MLSS REQUIRED:	40
		MLSS PROVIDED:	70

DESIGN ELEVATIONS:

	IN	OUT
HOUSE	336.30	338.05
SEPTIC TANK	336.30	336.05
DIST. BOX 1	335.85	335.65

TO MANTIS YARD FILTER 50

DECEMBER 9, 2025

DH #0	0-10" TOPSOIL	PERC #5, 32" DEEP	1" IN 10 MINUTES
10-20"	BROWN SAND AND SOME GRAVEL	0"	0"
20-84"	DARK BROWN SAND AND SOME SILT WITH SMALL COBBLES	10"	6"
	NO WATER	20"	9 1/2"
	NO LEDGE	30"	12 1/4"
	REDOX @ 36"	40"	14 1/2"
	ROOTS @ 24"	50"	15 1/2"
		60"	16 3/4"

DEEP HOLE & PERCOLATION TEST RESULTS

DEEPTHOLE AND PERCOLATION TESTING ON FILE IN THE WESTON HEALTH DEPARTMENT PERFORMED FOR 20 KATYDID LANE, WESTON, CT.

JULY 5, 2017

DH #0

0-10"	TOPSOIL	PERC #5, 32" DEEP	1" IN 10 MINUTES
10-20"	LIGHT BROWN MEDIUM TO FINE SAND AND SILT SOME GRAVEL/STONES	0"	0"
	NO WATER	10"	6"
	NO LEDGE	20"	9 1/2"
	NO MOTTLING	30"	12 1/4"
	ROOTS @ 12"	40"	14 1/2"
		50"	15 1/2"
		60"	16 3/4"

DH #10

0-10"	TOPSOIL	PERC #6, 32" DEEP	1" IN 10 MINUTES
10-20"	LIGHT BROWN MEDIUM TO FINE SAND AND SILT SOME GRAVEL	0"	0"
	NO WATER	10"	5 1/2"
	NO LEDGE	20"	9 1/4"
	NO MOTTLING	30"	11 1/2"
	ROOTS @ 12"	40"	13 1/4"
		50"	14 3/4"
		60"	15 3/4"

DH #11

0-10"	TOPSOIL	PERC #6, 32" DEEP	1" IN 10 MINUTES
10-20"	LIGHT BROWN MEDIUM TO FINE SAND AND SILT SOME GRAVEL/STONES	0"	0"
	NO WATER	10"	5 1/2"
	NO LEDGE	20"	9 1/4"
	NO MOTTLING	30"	11 1/2"
	ROOTS @ 18"	40"	13 1/4"
		50"	14 3/4"
		60"	15 3/4"

DH #12

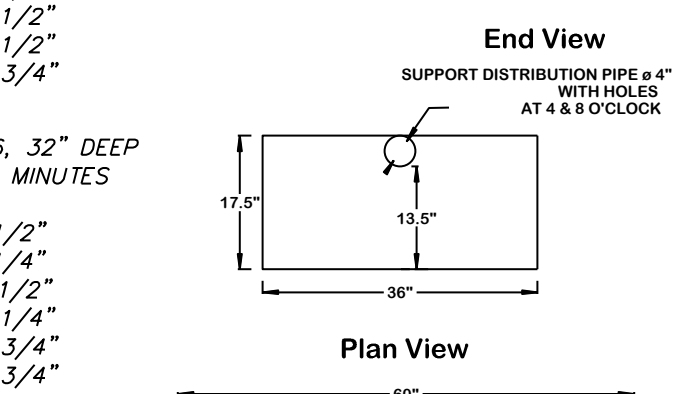
0-10"	TOPSOIL	PERC #6, 32" DEEP	1" IN 10 MINUTES
10-20"	LIGHT BROWN MEDIUM TO FINE SAND AND SILT SOME GRAVEL/STONES	0"	0"
	NO WATER	10"	5 1/2"
	NO LEDGE	20"	9 1/4"
	NO MOTTLING	30"	11 1/2"
	ROOTS @ 18"	40"	13 1/4"
		50"	14 3/4"
		60"	15 3/4"

CONSTRUCTION NOTES:

- MINIMUM SLOPE REQUIREMENTS FOR EXTRA HEAVY CAST IRON SEWER PIPE OR EQUIVALENT FROM BUILDING TO SEPTIC TANK: 4" PIPE - 1/4" PER FOOT
- SEPTIC TANK AND PUMP CHAMBER TO BE WATERTIGHT ACCORDING TO SEC. 9.2 OF ASTM C-1227 AND SEAL STANDARDS ASTM C 1644, C 923. ALL CLEANOUTS SHALL BE INSTALLED TO GRADE. SEPTIC TANK ACCESS MANHOLES SHALL HAVE A MINIMUM COVER OF 6" AND NO GREATER THAN 12" BELOW FINISHED GRADE. ALL MANHOLES TO HAVE A MINIMUM DIAMETER TO BE 24". ALL OPENINGS TO BE PRECAST WITH PROPER PIPE SEALS.
- BLACK ORGANIC LAYER (TOPSOIL) IN AREA OF PROPOSED SYSTEM TO BE REMOVED AND REPLACED WITH SPECIFIED SAND. FINISHED GRADE TO BE FURROWED PARALLEL TO CONTOURS PRIOR TO PLACING FILL.
- FILL CONSISTING OF SUITABLE SEPTIC MATERIAL IS TO BE PLACED AND CONSOLIDATED IN 6" LAYERS.
- ANY CHANGES IN THIS PLAN MUST BE SECURED PRIOR APPROVAL OF THE ENGINEER AND SANITARIAN.
- SYSTEM ELEVATION MAY BE ADJUSTED TO MAINTAIN MINIMUM DISTANCES ABOVE LEDGE OR WATER ENCOUNTERED TO BE NOTIFIED PRIOR TO CHANGE.
- IT SHALL BE THE RESPONSIBILITY OF THE INSTALLER TO ADHERE TO ALL SECTIONS OF THE CONNECTICUT PUBLIC HEALTH CODE AND TO NOTIFY THE ENGINEERS, IN ADVANCE, OF ANY CHANGES REQUIRED THERETO.
- THE INSTALLER SHALL BE RESPONSIBLE FOR SECURING PERMITS AND NOTIFYING THE HEALTH DEPARTMENT AND ENGINEER FOR INSPECTIONS.
- ANY LEDGE OR WATER ENCOUNTERED IN EXCAVATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PLACING FILL MATERIAL.
- ALL SEPTIC COMPONENTS SUBJECT TO EROSION SHALL BE REINFORCED FOR H-20 LOADINGS.
- SEPTIC TANK SHALL CONFORM TO CONNECTICUT PUBLIC HEALTH CODE AND THE MATERIAL PASSING THE #4 SIEVE SHALL BE SIGNIFICANTLY LESS.
- OIL TANKS TO BE 75 FEET FROM WELLS.
- INDIVIDUAL LEACHING LINES TO BE CONSTRUCTED LEVEL WITH GATED CAPS ON ENDS.
- DIST. BOXES SHALL BE HIGH OVERFLOW DISTRIBUTION, UNLESS OTHERWISE NOTED.
- 10" MINIMUM OF COMPACTED GRAVEL SHALL BE PLACED UNDER ALL DIST. BOXES.
- ALL SEPTIC TANKS SHALL HAVE TWO COMPARTMENTS AND BE MANUFACTURED IN ACCORDANCE WITH THE STATE HEALTH CODE.
- ALL 3" OR 4" SOLID DISTRIBUTION PIPING SHALL BE ASTM D3034 SDR 35 OR EQUAL.
- UPON COMPLETION OF SEPTIC SYSTEM, AREA SHALL BE STAKED AND CLEARLY MARKED TO PROHIBIT EQUIPMENT FROM CROSSING SYSTEM AREA UNTIL LAWN IS ESTABLISHED.
- ALL SELECT FILL MATERIAL MUST MEET THE REQUIREMENTS SPECIFIED IN SECTION VIII A OF THE STATE OF CONNECTICUT PUBLIC HEALTH CODE TECHNICAL STANDARDS. A SIEVE ANALYSIS MUST BE SUBMITTED AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- AN "AS BUILT" PLAN, CERTIFIED BY A PROFESSIONAL ENGINEER, SHALL BE SUBMITTED TO THE DEPARTMENT OF HEALTH BEFORE A "PERMIT TO USE" IS ISSUED. THIS SEPTIC SYSTEM IS NOT DESIGNED TO ACCEPT WASTEWATER FROM A WATER TREATMENT SYSTEM.
- THE LIQUID CAPACITY OF THE SEPTIC TANK SHALL BE INCREASED IF THE HOUSE CONTAINS A GARBAGE GRINDER (DISPOSAL) OR LARGE CAPACITY BATHUB AS FOLLOWS:
GARBAGE GRINDER: INCREASE SIZE BY 250 GALLONS
100-200 GALLON TUB: INCREASE SIZE BY 250 GALLONS
OVER 200 GALLON TUB: INCREASE SIZE BY 500 GALLONS

EROSION AND SEDIMENTATION CONTROLS:

- LAND DISTURBANCES TO BE KEPT TO A MINIMUM. ALL DISTURBED AREAS TO BE STABILIZED BY TOPSOILING, SEEDING AND MULCHING AS SOON AS IT IS PRACTICAL.
- EROSION CONTROLS SHALL BE PLACED AT LOCATIONS SHOWN HEREON AND MAINTAINED UNTIL ALL SLOPES ARE STABILIZED.
- ADDITIONAL CONTROLS MEASURES SHALL BE INSTALLED DURING CONSTRUCTION IF NECESSARY TO MINIMIZE SEDIMENT TRANSPORT.
- THE OWNER OF RECORD AT THE TIME OF CONSTRUCTION SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION AND MAINTENANCE OF ALL CONTROLS AND PROPER DISPOSAL OF SEDIMENT REMOVED FROM THEM.
- ALL EROSION AND SEDIMENTATION CONTROLS TO BE INSTALLED PRIOR TO CONSTRUCTION.
- ALL EROSION AND SEDIMENTATION CONTROLS TO BE CONSTRUCTED IN ACCORDANCE WITH THE 2002 CT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.



MANTIS YARD FILTER 50 DETAIL

ELIEN MANTIS NOTES:

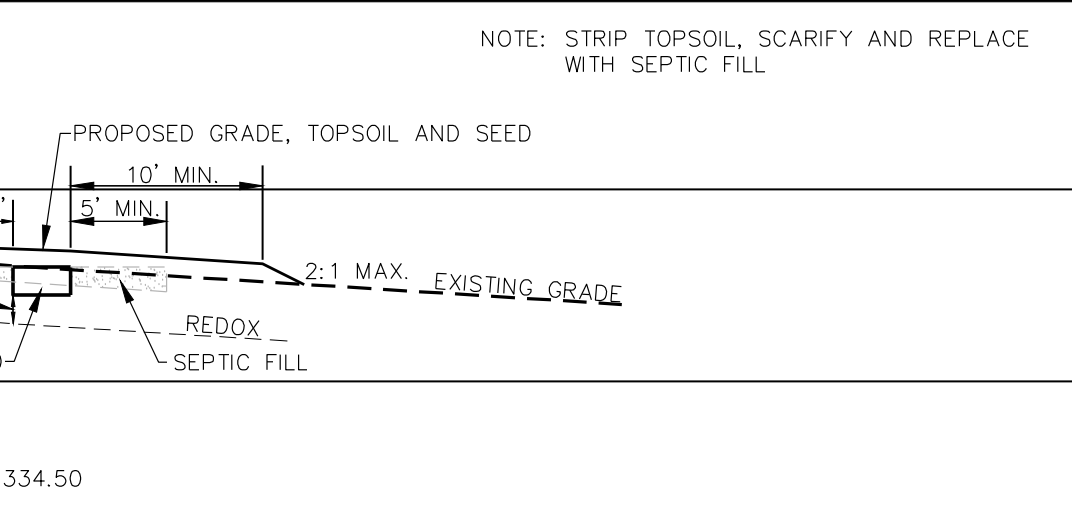
THIS SYSTEM IS NOT DESIGNED FOR BACKWASH FROM A WATER SOFTENER. THE MANTIS SYSTEM IS NOT FOR USE UNDER VEHICULAR TRAFFIC OR FOR UNDER PAVING APPLICATIONS. ORGANIC TOPSOIL LAYER MUST BE REMOVED FROM TRENCH AND SLOPE EXTENSION AREAS PRIOR TO SELECT FILL OR SPECIFIED SAND PLACEMENT. SCARIFY SUBSOIL PRIOR TO SELECT FILL OR SPECIFIED SAND PLACEMENT. ALL MANTIS INSTALLATIONS UTILIZE A SPECIFIED SAND ENVELOPE AROUND THE MANTIS UNITS. 6" MINIMUM UNDERNEATH, 6" MINIMUM ON THE SIDES, 1" MINIMUM ON TOP, AND 3" BETWEEN THE SUPPORT MODULES OF THE MANTIS UNITS. THE MANTIS SPECIFIED SAND SPECIFICATION IS LISTED BELOW:

SIEVE SIZE	SIEVE SQUARE OPENING SIZE	SIEVE SQUARE	SPECIFICATION PERCENT PASSING (WET SIEVE)
0.375"	9.5 MM	100	100.0
#4	4.75 MM	95.0-100.0	80.0-100.0
#8	2.36 MM	50.0-85.0	50.0-85.0
#16	1.18 MM	25.0-60.0	5.0-30.0
#30	600 μm	<10.0	<5.0
#50	300 μm	<5.0	<2.5
#100	150 μm	<5.0	<1.0
#200	75 μm	<5.0	<0.5

REQUEST A SIEVE ANALYSIS FROM YOUR MATERIAL SUPPLIER TO ENSURE THAT THE SYSTEM SAND MEETS THE SPECIFICATION REQUIREMENTS LISTED ABOVE.

NOTE: ELIEN MAY APPROVE THE MATERIAL UNDER CERTAIN CONDITIONS TO BE USED FOR THE SPECIFIED SAND ENVELOPE AROUND THE MANTIS UNITS.

ELIEN CORPORATION REQUIRES THE USE OF AN APPROPRIATE SIZED SEPTIC TANK EFFLUENT FILTER FOR ALL MANTIS SYSTEMS. PUMPED SYSTEMS SHALL HAVE AN OVERSIZED DISTRIBUTION BOX UTILIZING A VELOCITY REDUCTION TEE OR BAFFLE. ELIEN MANDATES VENTING FOR THE MANTIS SERIES WHEN THE SYSTEM WILL HAVE MORE THAN 18" OF COVER MATERIAL AS MEASURED FROM THE TOP OF THE UNIT TO FINISHED GRADE. AFTER BACKFILL, THERE SHOULD BE A MINIMUM OF 10" OF MATERIAL AS MEASURED FROM THE TOP OF THE MODULES TO THE FINISHED GRADE. THE FIRST INCH OF THAT FILL IS SPECIFIED SAND. FOR PUMPED SYSTEMS, SET PUMP FLOATS OR PUMP CONTROL PANELS TO DELIVER A MAXIMUM OF 12 GALLONS PER MANTIS 536-B UNIT PER DOSING CYCLE. NON-RESIDENTIAL BUILDINGS AND RESIDENTIAL INSTALLATIONS SHALL BE DESIGNED USING DAILY DESIGN FLOW UNLESS SPECIFIC WATER USE DATA IS AVAILABLE FOR THE FACILITY. DESIGN FLOW BASED ON METERED FLOWS MUST USE A MINIMUM 1.5 SAFETY FACTOR APPLIED TO ALL METERED AVERAGE DAILY WATER USE. SEE CONNECTICUT PUBLIC HEALTH CODE, TABLES 4, 7 AND 8.



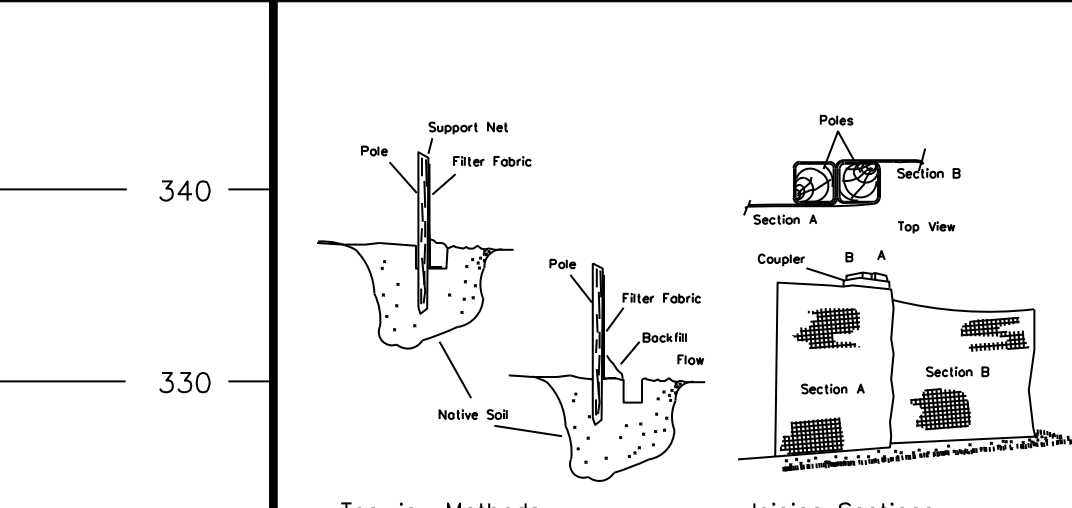
SECTION VIII(A) OF TECHNICAL STANDARDS:

SELECT FILL PLACED WITHIN AND ADJACENT TO LEACHING SYSTEM AREAS SHALL BE COMPROMISED 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 A PROFESSIONAL ENGINEER FOR USE WITHIN THE LEACHING AREA.

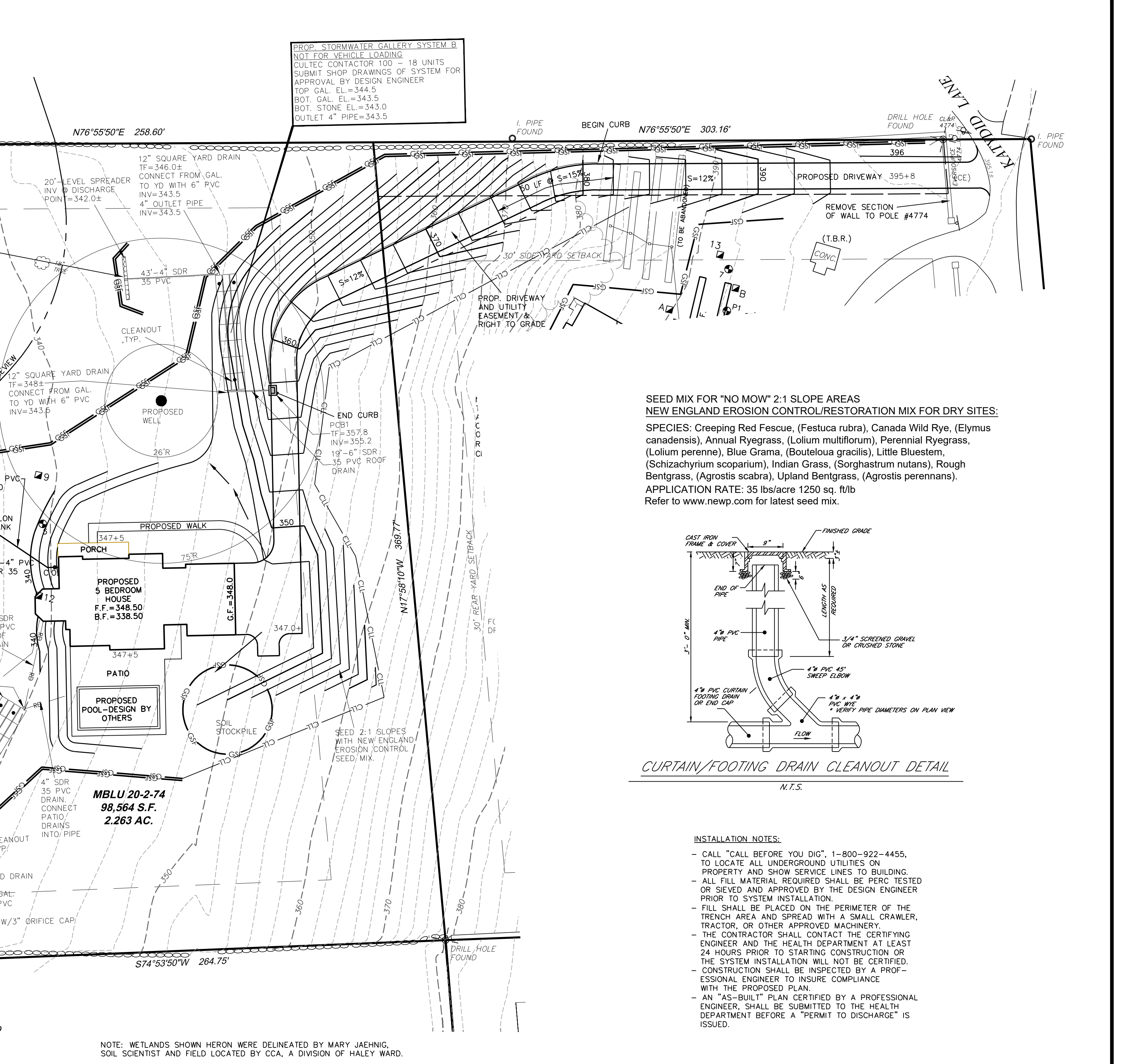
- THE SELECT FILL SHALL NOT CONTAIN ANY MATERIAL LARGER THAN THE THREE (3) INCH SIEVE.
- UP TO 45% OF THE DRY UNIT WEIGHT OF THE REPRESENTATIVE SAMPLE MAY BE RETAINED ON THE #4 SIEVE. (THIS IS THE GRAVEL PORTION OF THE SAMPLE.)
- THE MATERIAL THAT PASSES THE #4 SIEVE IS THEN REWEIGHED AND THE SIEVE ANALYSIS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

SIEVE SIZE	WET WEIGHT	PERCENT PASSING
#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 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%.



NOTE: HAY BALES MAY BE SUBSTITUTED IF TOWN APPROVAL IS OBTAINED.



CONSTRUCTION SEQUENCE (CONSTRUCTION DURATION 9-12 MONTHS)

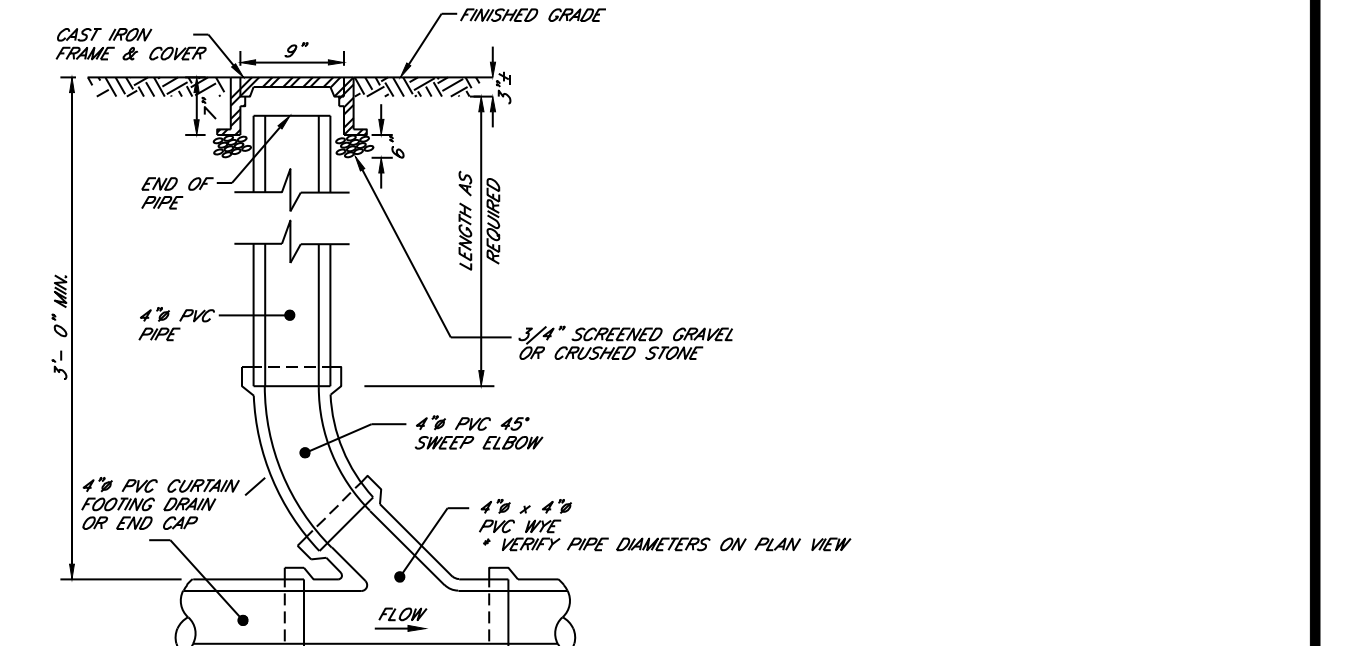
- Obtain all permits.
- Notify "Call Before You Dig" for utility marking as necessary.
- Notify all applicable Town Officials of construction as required.
- Install sediment fence at toe of proposed slopes and as shown on the plans.
- Install anti-tracking pad.
- Maintenance of erosion controls to occur at all times during construction.
- Remove all brush and trees within the proposed areas to be developed including slope areas.
- Removal and stockpile of topsoil from disturbed areas.
- Installation of any additional erosion controls and procedures that may be required.
- Excavation to subgrade and/or placement of fill in accordance with the Site Plan.
- Construct proposed improvements.
- Fine grade slopes and disturbed areas.
- Place topsoil on all disturbed areas and seed.
- Removal of the sedimentation controls once a full stand of grass has been established.

GENERAL NOTES:

- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH STATE AND LOCAL HEALTH CODES BUT DOES NOT GUARANTEE AGAINST FAILURE DUE TO MISUSE, LACK OF MAINTENANCE, FUTURE SOIL AND GROUNDWATER CONDITIONS, FACTORS INVOLVING INSTALLATION OR CONDITIONS BEYOND NORMAL FIELD INSPECTION.
- THE SANITARY SYSTEM SHOWN ON THIS PLAN HAS BEEN DESIGNED TO RECEIVE ONLY DOMESTIC SEWAGE. NO INDUSTRIAL, COMMERCIAL OR OTHER WASTES ARE TO BE DISCHARGED TO THE SANITARY SYSTEM. SUCH WASTES ARE TO BE DISPOSED OF BY OTHER MEANS WHICH ARE NOT A PART OF THIS DESIGN.
- SEPTIC SYSTEM SHALL BE STAKED BY LICENSED LAND SURVEYOR AND EXISTING ELEVATIONS CONFIRMED.
- THE GEOTEXTILE SILT FENCE LINE (GSF) ESTABLISHES THE LIMIT OF CONSTRUCTION UNLESS OTHERWISE NOTED HEREON.
- THIS PLAN IS FOR THE DESIGN OF THE SANITARY SYSTEM ONLY. HOUSE, DRIVEWAY, ETC. ARE FOR INFORMATIONAL PURPOSES ONLY AND HAVE NOT BEEN DESIGNED.
- BENCHMARK TO BE SET PRIOR TO START OF CONSTRUCTION, UNLESS NOTED OTHERWISE.
- THE LICENSED INSTALLER IS RESPONSIBLE TO INSTALL THE SUBSURFACE SEWAGE DISPOSAL SYSTEM IN ACCORDANCE WITH THE APPROVED PLANS.

LEGEND

PROPERTY LINE	---
BUILDING LINE	---
EXISTING CONTOUR	---
PROPOSED CONTOUR	---
EXISTING SPOT ELEVATION	220
PROPOSED SPOT ELEVATION	227.7
DEEP HOLE	228 + 5
PERCOLATION TEST	5 A
GEOTEXTILE SILT FENCE	GSF
CLEARING LIMIT LINE	CLL
SWALE - GRADE TO DRAIN	---
STONE WALL	---
UTILITY POLE W/ANCHOR	---
CATCH BASIN	---
WETLANDS	---



CURTAIN/FOOTING DRAIN CLEANOUT DETAIL

N.T.S.

INSTALLATION NOTES:

- CALL "CALL BEFORE YOU DIG", 1-800-922-4455, TO LOCATE ALL UNDERGROUND UTILITIES ON PROPERTY AND SHOW SERVICE LINES TO BUILDING.
- ALL FILL MATERIAL REQUIRED SHALL BE PERC TESTED OR SIEVED AND APPROVED BY THE DESIGN ENGINEER PRIOR TO SYSTEM INSTALLATION.
- FILL SHALL BE PLACED ON THE PERMETER OF THE TRENCH AREA AND SPREAD WITH A SMALL CRAWLER, TRACTOR, OR OTHER APPROVED MACHINERY.
- THE CONTRACTOR SHALL CONTACT THE CERTIFYING ENGINEER AND THE HEALTH DEPARTMENT AT LEAST 24 HOURS PRIOR TO STARTING CONSTRUCTION OR THE SYSTEM INSTALLATION WILL NOT BE CERTIFIED.
- CONSTRUCTION SHALL BE INSPECTED BY A PROFESSIONAL ENGINEER TO INSURE COMPLIANCE WITH THE PROPOSED PLAN.
- AN "AS-BUILT" PLAN CERTIFIED BY A PROFESSIONAL ENGINEER SHALL BE SUBMITTED TO THE HEALTH DEPARTMENT BEFORE A "PERMIT TO DISCHARGE" IS ISSUED.

02/24/2026 WETLANDS/REGULATED AREA, TREES
02/29/2025 ADDITIONAL DEEPTHOLE
DATE DESCRIPTION

SEPTIC SYSTEM DESIGN PLAN
PREPARED FOR
TOM STURGES
MBLU 20-2-74
20 KATYDID LANE
WESTON, CONNECTICUT

30 0 15 30 60

CCA
A DIVISION OF
HALEY WARD, INC.

40 Old New Milford Road
Brookfield, Connecticut 06804
203.775.6207
WWW.HALEYWARD.COM

Date: 11/17/2025 Acad: 25086-SP
Scale: 1"=30' Sheet: 1 OF 1
Project: 25-086 Drawn by: KST Checked by: SCS
File: 5571

NOT VALID WITHOUT EMBOSSED SEAL

NOTES:

1. BASE SURVEY MAP PREPARED BY CCA, LLC.
2. STRICT ADHERENCE TO ALL OSHA, TOWN OF WESTON AND STATE OF CONNECTICUT REGULATIONS REGARDING CONSTRUCTION IS REQUIRED AT ALL TIMES.
3. CONSTRUCTION IS EXPECTED TO BEGIN UPON RECEIPT OF PROPER PERMITS.
4. ALL UTILITIES TO BE INSTALLED UNDERGROUND AND IN THE LOCATIONS AS TO BE DETERMINED BY EACH UTILITY COMPANY.
5. CONTRACTOR IS RESPONSIBLE TO CONTACT "CALL BEFORE YOU DIG".
6. DISCREPANCIES IN THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY FOR RESOLUTIONS.
7. SPARE EROSION CONTROLS SHALL BE STORED ON SITE FOR EMERGENCY USE.
8. ALL DISTURBED AREAS TO BE TOPSOIL AND SEEDED.
9. ANY RETAINING WALLS OVER 3' IN HEIGHT ARE TO BE DESIGNED AND CONSTRUCTED UNDER THE SUPERVISION OF A STATE OF CT. LICENSED PROFESSIONAL ENGINEER.
10. UNDERGROUND UTILITIES, STRUCTURES, AND FACILITIES NOT FIELD LOCATED. THE SIZE, LOCATION, EXISTENCE OR NONEXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES. CONTACT "CALL BEFORE YOU DIG" AT 1-800-922-4455.
11. UNDERGROUND UTILITIES SHOWN AS MARKED IN THE FIELD BY CALL BEFORE YOU DIG. LOCATIONS TO BE VERIFIED BY APPROPRIATE AGENCIES PRIOR TO CONSTRUCTION. CONTACT "CALL BEFORE YOU DIG" AT 1-800-922-4455 BEFORE ANY SITE WORK.
12. THE EROSION CONTROL LINE (GSL) IS THE LIMIT OF CONSTRUCTION UNLESS OTHERWISE NOTED.
13. CROSS SLOPE ON SIDEWALKS SHALL BE A MIN. OF 1/4" PER FOOT FROM BUILDING.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING REQUIRED PERMITS AND NOTIFYING THE TOWN DEPARTMENTS AND THE ENGINEER FOR INSPECTIONS.
15. METHODS OF CONSTRUCTION SHALL MEET TOWN OF WESTON AND CONNECTICUT D.O.T. STANDARDS.
16. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL ON-SITE FIELD CONDITIONS AND VERIFY THAT NO CHANGES HAVE OCCURRED SINCE THE ISSUANCE OF THIS PLAN. THE DESIGN ENGINEER IS TO BE NOTIFIED OF ANY CHANGES.

DEEP HOLE & PERCOLATION TEST RESULTS

DEEPHOLE AND PERCOLATION TESTING ON FILE IN THE WESTON HEALTH DEPARTMENT PERFORMED FOR 20 KATYDID LANE, WESTON, CT.

JULY 5, 2017

DH #9
0-2" TOPSOIL
2-72" LIGHT BROWN MEDIUM TO FINE SAND AND SILT SOME GRAVEL/
STONES
NO WATER
NO LEDGE
NO MOTTLING
ROOTS @ 12"

JULY 5, 2017

PERC #5, 32" DEEP
1" IN 10 MINUTES
0 0"
10 6"
20 9 1/2"
30 12 1/4"
40 14 1/2"
50 15 1/2"
60 16 3/4"

DH #10
0-2" TOPSOIL
2-72" LIGHT BROWN MEDIUM TO FINE SAND AND SILT SOME GRAVEL/
STONES
NO WATER
NO LEDGE
NO MOTTLING
ROOTS @ 12"

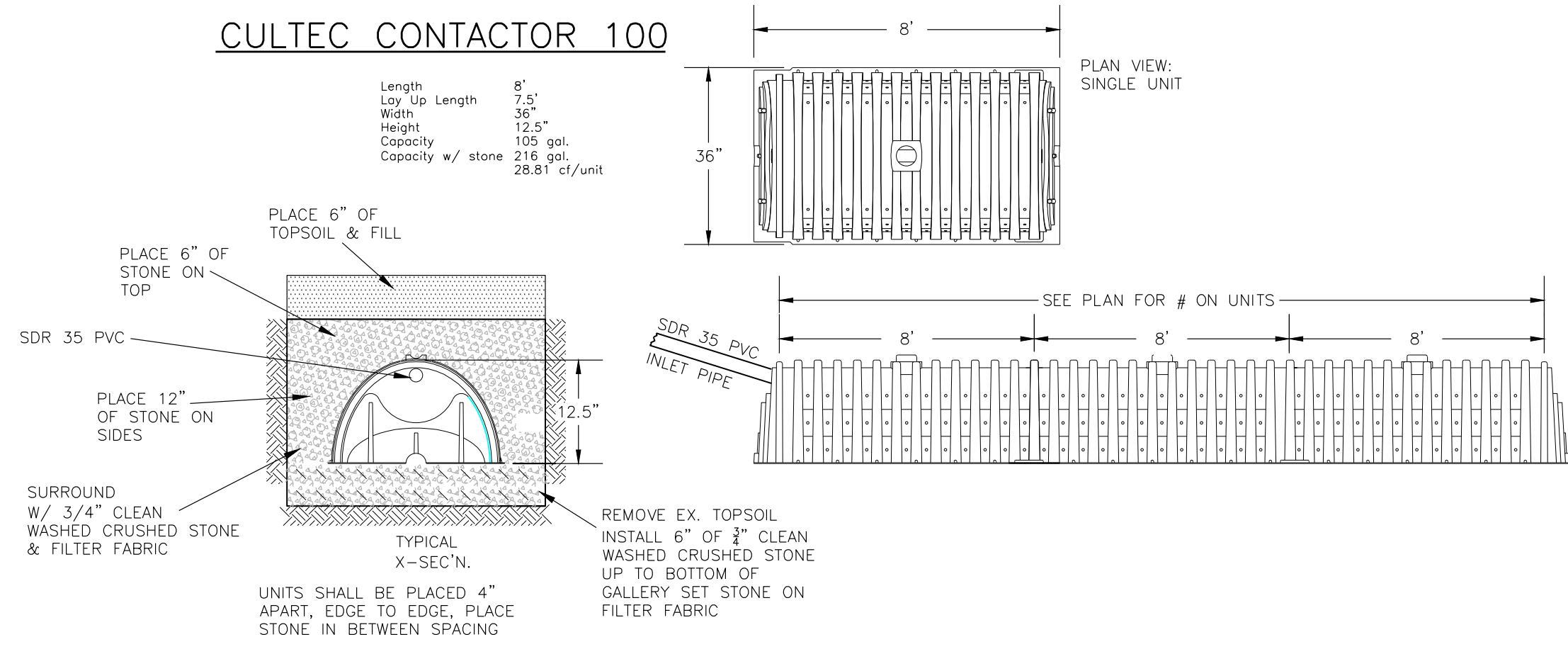
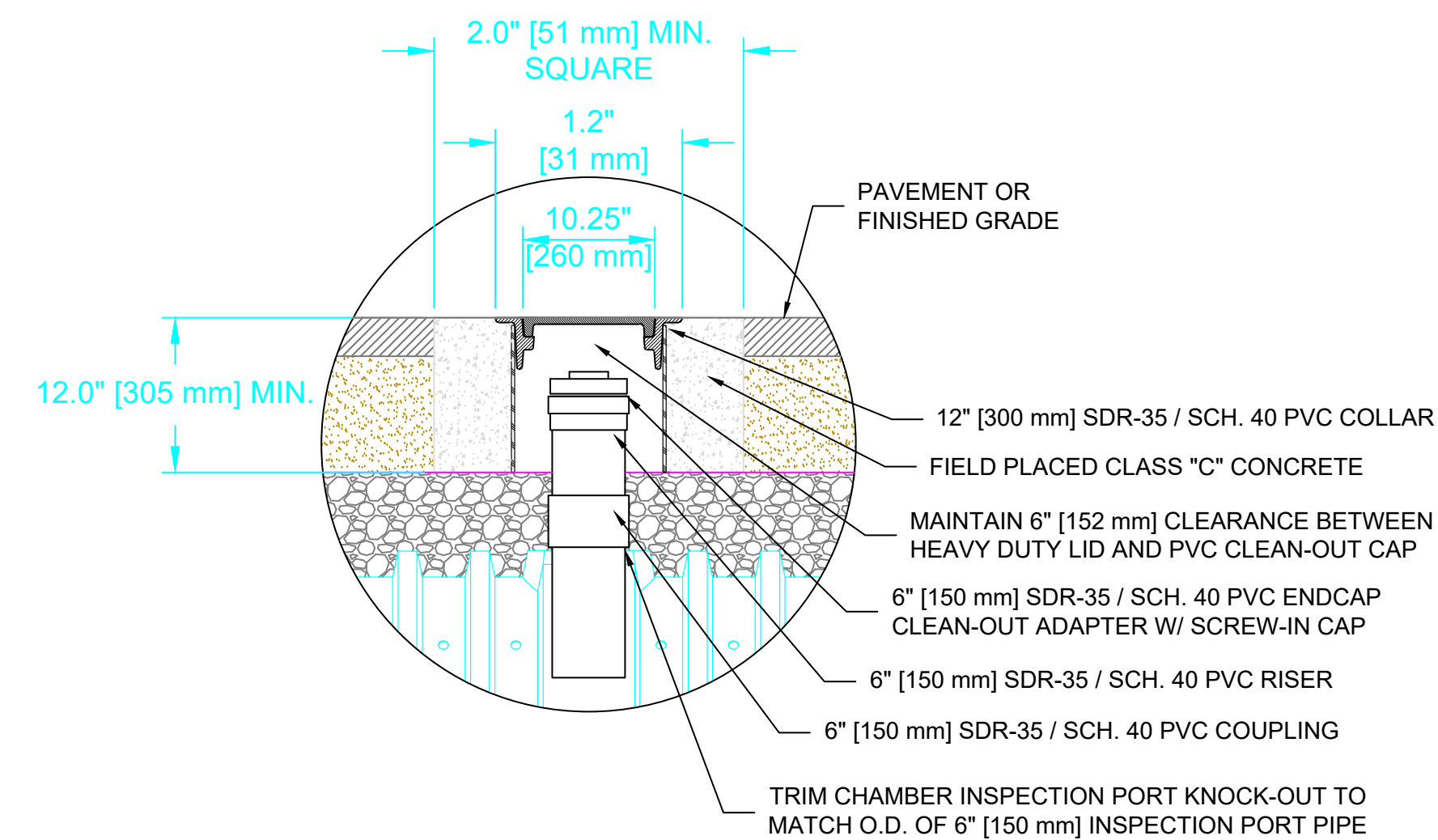
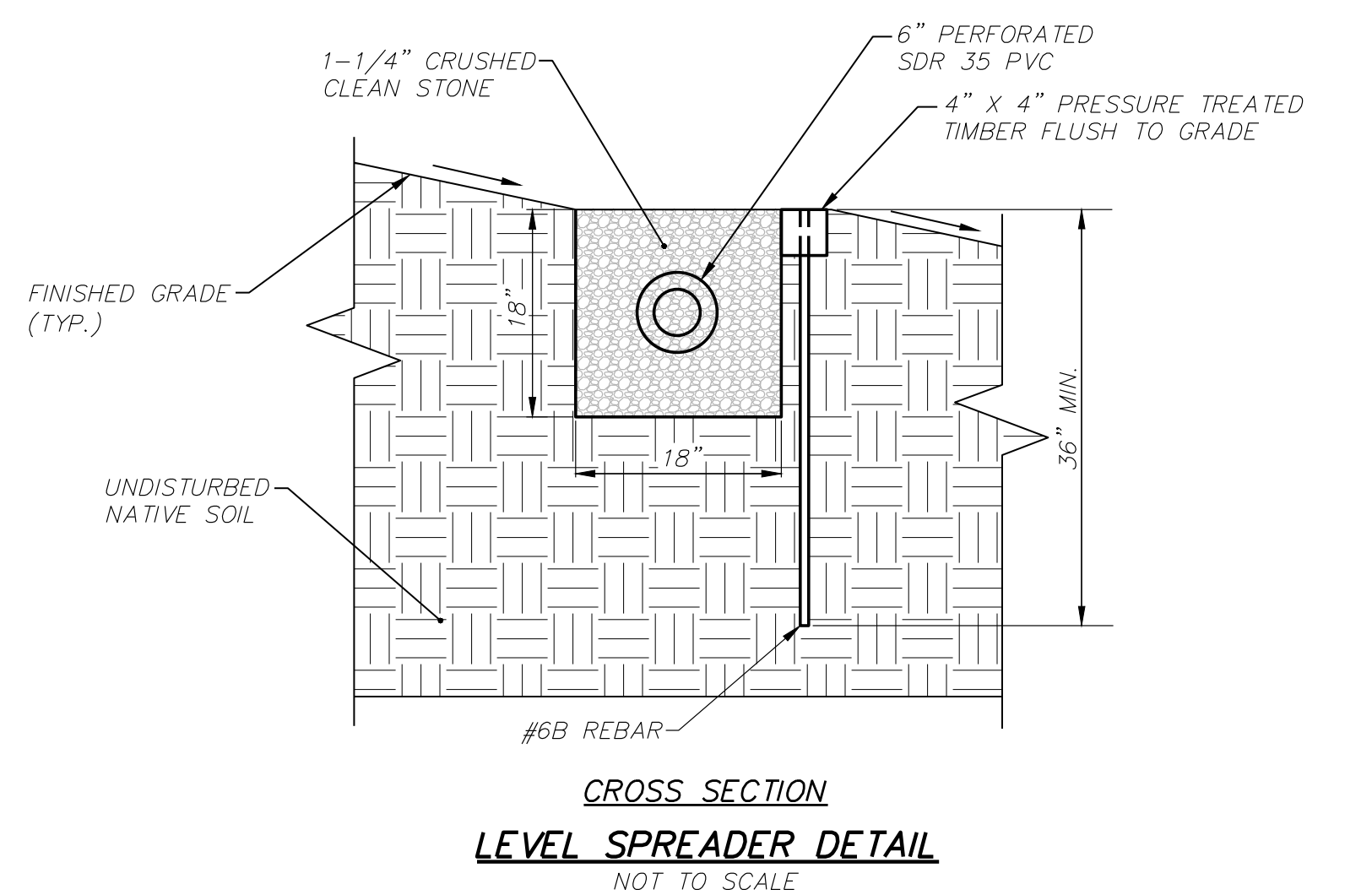
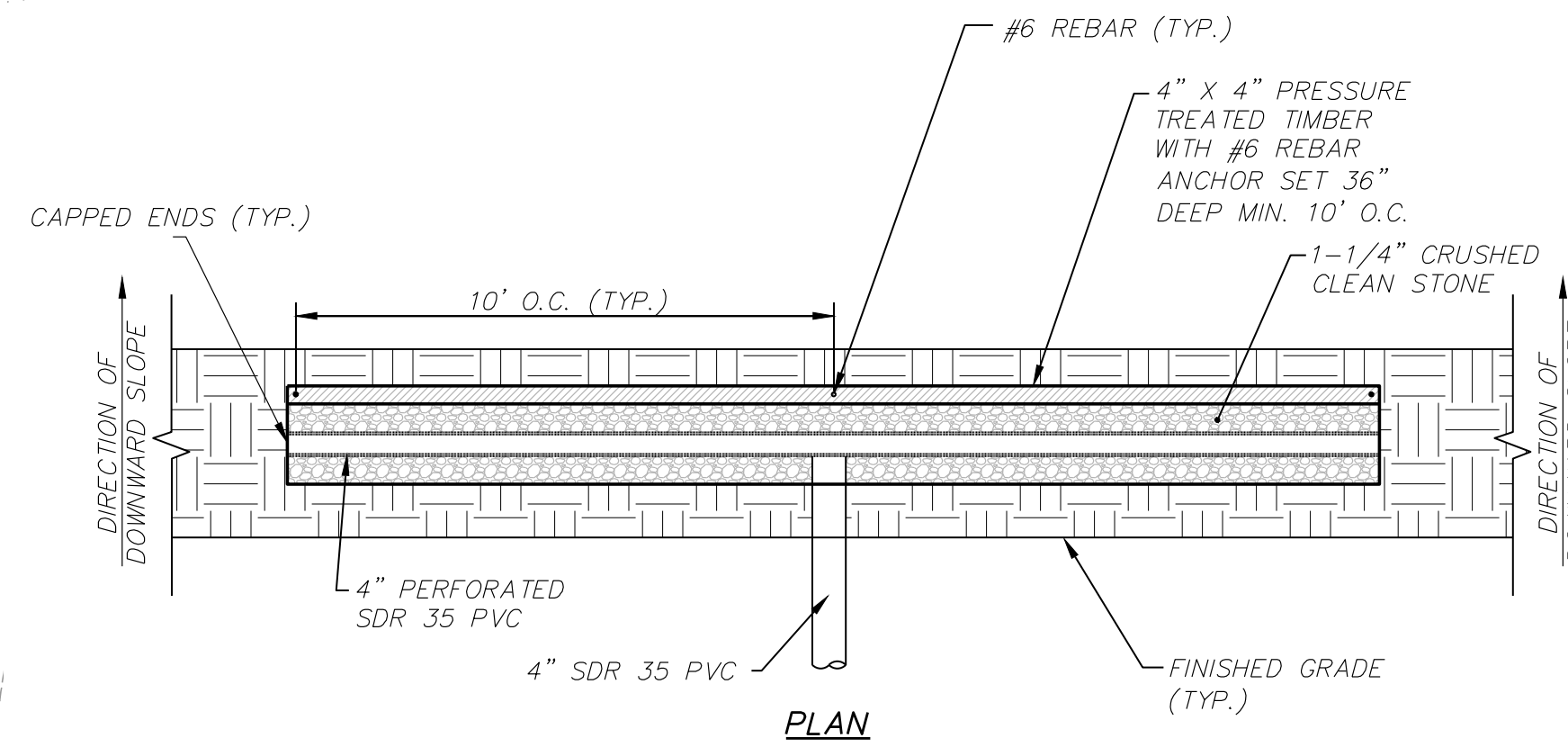
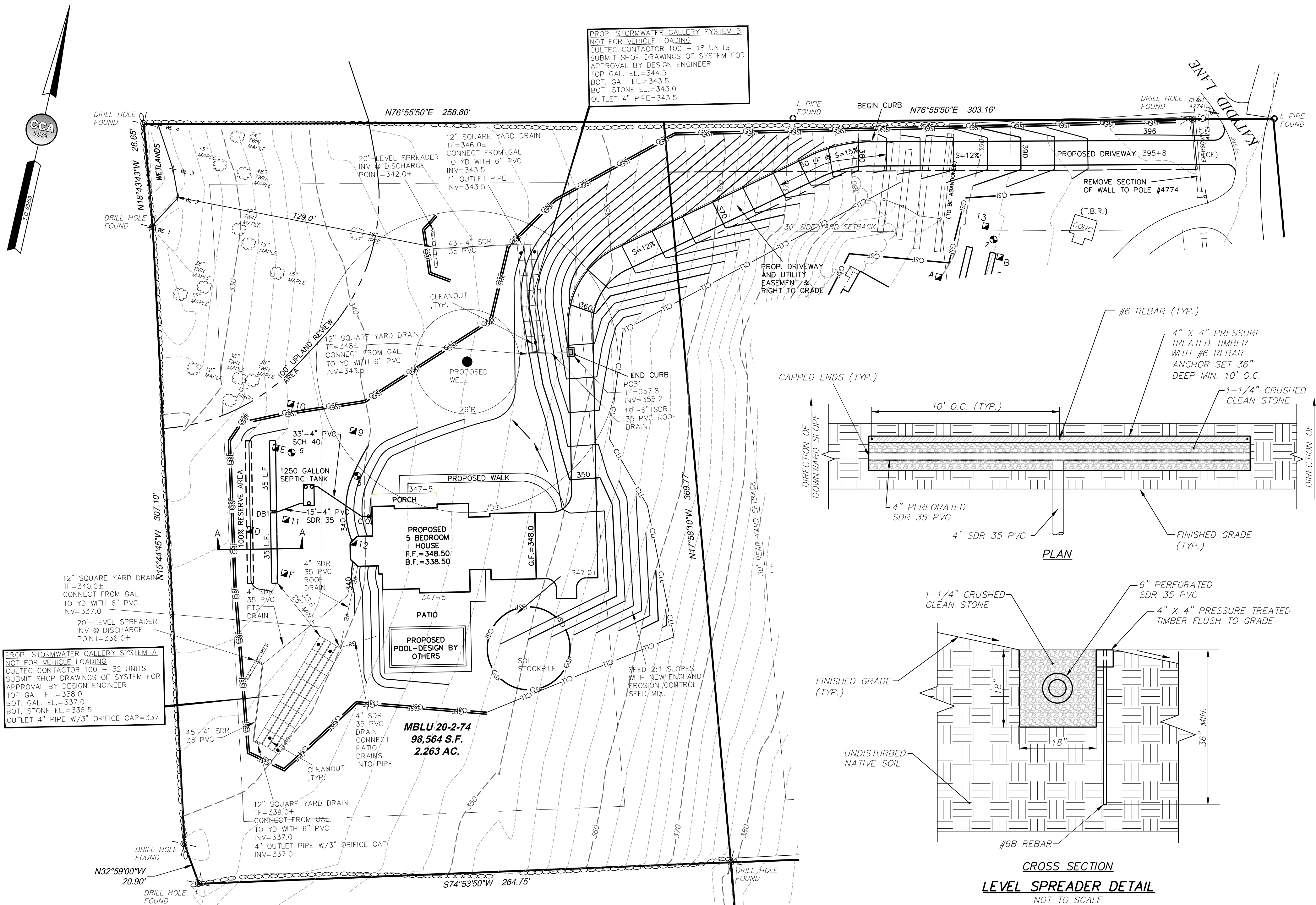
PERC #6, 32" DEEP
1" IN 10 MINUTES
0 0"
10 5 1/2"
20 9 1/4"
30 11 1/2"
40 13 1/4"
50 14 3/4"
60 15 3/4"

DH #11
0-3" TOPSOIL
3-72" LIGHT BROWN MEDIUM TO FINE SAND AND SILT SOME GRAVEL/
STONES
NO WATER
NO LEDGE
NO MOTTLING
ROOTS @ 18"

PERC #7, 32" DEEP
1" IN 10 MINUTES
0 0"
10 5 1/2"
20 9 1/4"
30 11 1/2"
40 13 1/4"
50 14 3/4"
60 15 3/4"

DH #12
0-3" TOPSOIL
3-72" LIGHT BROWN MEDIUM TO FINE SAND AND SILT SOME GRAVEL/
STONES
NO WATER
NO LEDGE
NO MOTTLING
ROOTS @ 18"

SEED MIX FOR "NO MOW" 2:1 SLOPE AREAS
NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR DRY SITES:
SPECIES: Creeping Red Fescue, (Festuca rubra), Canada Wild Rye, (Elymus canadensis), Annual Ryegrass, (Lolium multiflorum), Perennial Ryegrass, (Lolium perenne), Blue Grama, (Bouteloua gracilis), Little Bluestem, (Schizachyrium scoparium), Indian Grass, (Sorghastrum nutans), Rough Bentgrass, (Agrostis scabra), Upland Bentgrass, (Agrostis perennans).
APPLICATION RATE: 35 lbs/acre 1250 sq. ft/lb
Refer to www.newp.com for latest seed mix.



NOTE: WETLANDS SHOWN HERON WERE DELINEATED BY MARY JAENIG, SOIL SCIENTIST AND FIELD LOCATED BY CCA, A DIVISION OF HALEY WARD.

EXISTING BUILDING COVERAGE: 0.00 S.F., 0.00%
PROPOSED BUILDING COVERAGE: 3,373 S.F., 3.42%
EXISTING IMPERVIOUS COVERAGE: 0.00 S.F., 0.00%
PROPOSED IMPERVIOUS COVERAGE: 8,733 S.F., 8.86%

02/24/2026	WETLANDS/REGULATED AREA, TREES
DATE	DESCRIPTION
STORMWATER MANAGEMENT PLAN	
PREPARED FOR	
TOM STURGES	
MBLU 20-2-74	
20 KATYDID LANE	
WESTON, CONNECTICUT	
30 0 15 30 60	
Date: 11/17/2025	Acad: 25086-SP
Scale: 1"=30'	Sheet: 1 OF 1
Project: 25-086	Drawn by: KST
File: 5571	Checked by: SCS

NOT VALID WITHOUT EMBOSSED SEAL

