Residential Resubdivision Map 001- Block 007- Lot 00A Silver Falls Road Town of Montville, Connecticut 06370

PREPARED FOR Daniela Gjergjaj

PROPERTY OWNERS

DANIELA GJERGJAJ 301 CHESTERFIELD RD FAST LYMF CT 06.3.3.3

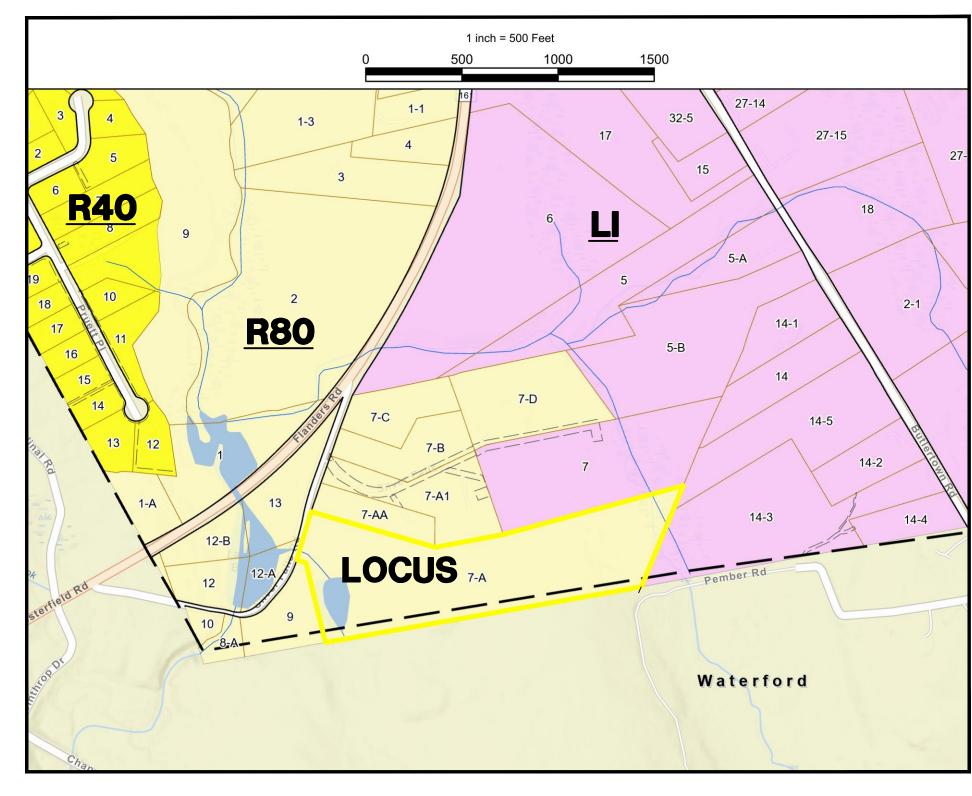
APPLICANT

DANIELA GJERGJAJ 301 CHESTERFIELD RD EAST LYME, CT 06333

ZONE R80

LEGEND TO DRAWINGS

<u>EXISTING</u>		<u>PROPOSED</u>
	PROPERTY LINE	
	BUILDING SETBACK LINE	
	CATCH BASIN & CULVERT	
w	WATER	w
s	SEWER	
FM	SEWER FORCE MAIN	
G	GAS	
<u> </u>	CONTOUR	126
124.2 _X	SPOT ELEVATION	124.2 _X
Ø	UTILITY POLE	
—— Е ———	ELECTRIC	
— т	TELEPHONE	
	ELECTRIC & TELECOM.	——— ETC ———
	SILT FENCE	SF
XX	FENCE	
	RETAINING WALL	
000000000	STONE WALL	
	TREE/SHRUB LINE	



LOCATION MAP

SCALE: 1"=±500"

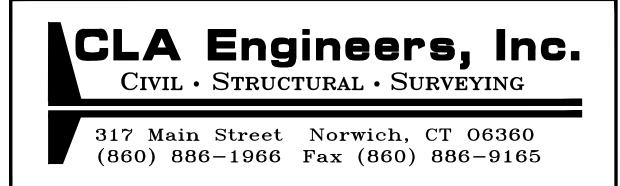
INDEX TO DRAWINGS

DRAWING NO.	DESCRIPTION OF DRAWINGS
1	Existing Conditions / Boundary Survey
2	Proposed Subdivision Map
3	Site Plan Lot 1 & 2
4	Site Plan Lot 3 & 4
5	Plan and Profile 1+00 - 9+50
6	Plan and Profile 9+50 - 17+50
7	Plan and Profile "Future Access Road"
	20+00 - 27+00
8	Construction Details
9	E&S Details and Notes & Test Pit Log
10	Storm Water Quality Details

April 10, 2025 REVISED MAY 5, 2025

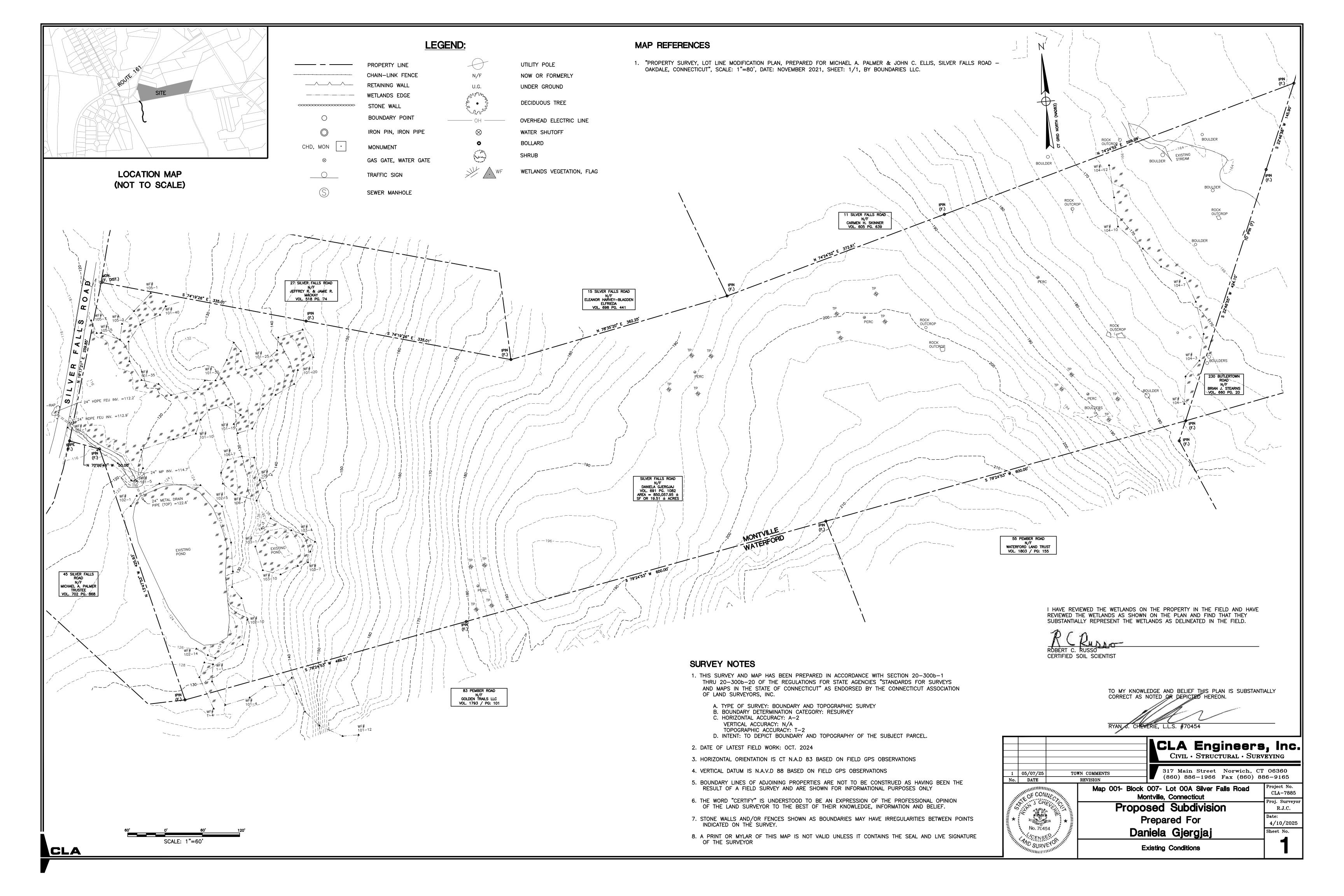


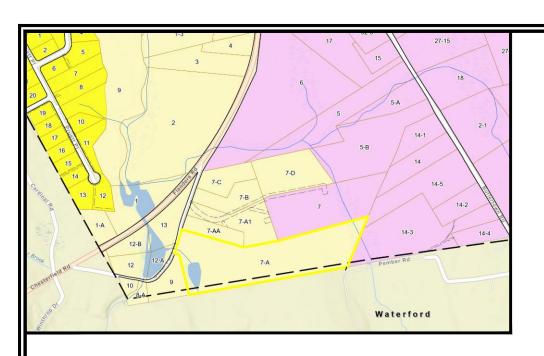




				DATE
		•		
APPROVED BY THE MONTVILLE INLAND WETLAND COMMISSION			APPROVED BY THE MONTVILLE PLANNING & ZONING COMMISSION	N
CHAIRMAN	DATE		CHAIRMAN	DATE
DATE OF COMPLETION OF ALL WORK			DATE OF COMPLETION OF ALL WORK	

APPROVED BY THE UNCAS HEALTH DEPARTMENT





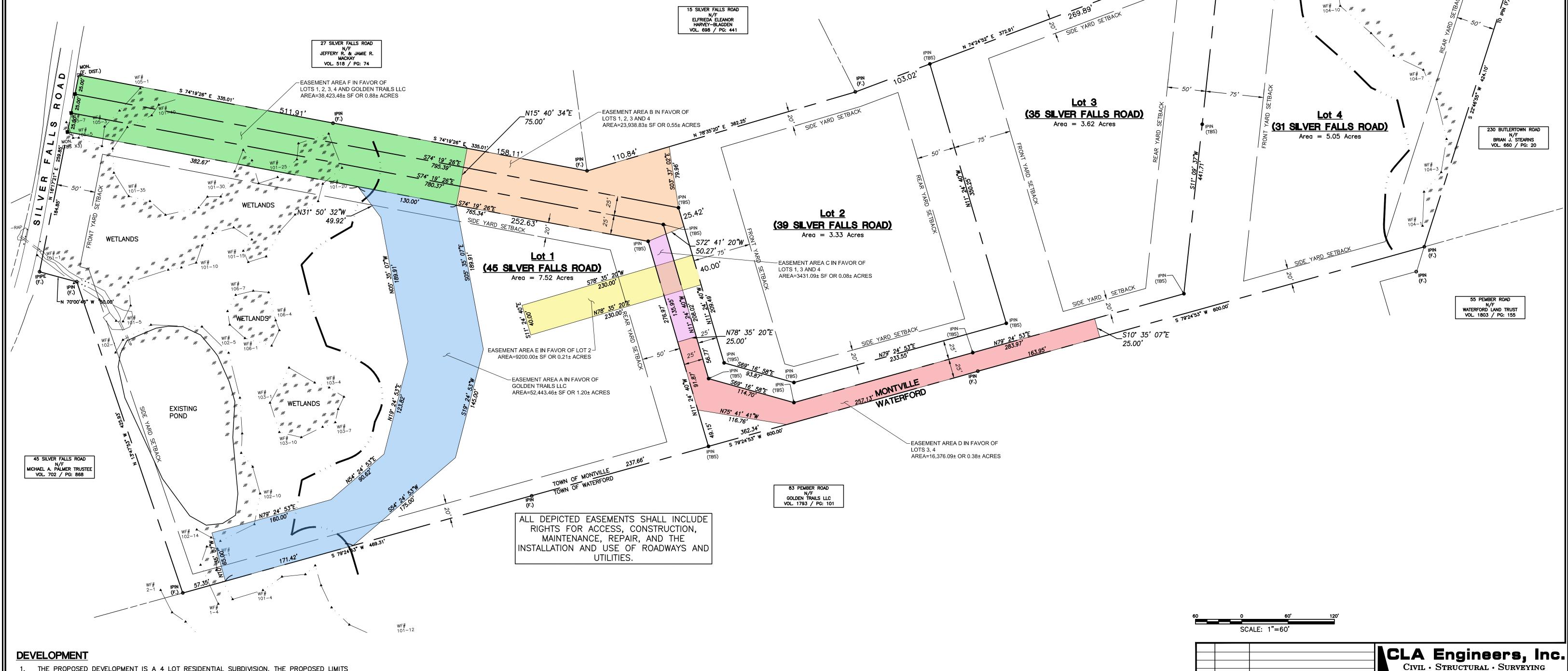
KEY MAP SCALE: 1"=±1,000'

ZONING COMPLINACE TABLES

	Zone: Res	idential R-80	LOT 2	LOT 3	LOT 4
		<u>LOT 1</u>	INTERIOR LOT	INTERIOR LOT	INTERIOR LOT
<u>ITEM</u>	<u>REQUIRED</u>	<u>PROVIDED</u>	<u>PROVIDED</u>	<u>PROVIDED</u>	PROVIDED
LOT AREA *REAR LOT	80,000 OR 120,00 S.F. *	7.52 ACRES	3.33 ACRES	3.52 ACRES	5.05 ACRES
*LOT AREA (EXCLUDING ACCESS STRIP)	120,000 S.F. *	327,453 S.F.	122,590 S.F.	122,784 S.F.	175,298 S.F.
LOT FRONTAGE ** REAR LOT	150 FT. / 25' **	184 FT.	25 FT.	25 FT.	25 FT.
FRONT YARD SETBACK *** REAR LOT	50 FT. / 75' ***	730 FT.	230 FT.	80 FT.	75 FT.
SIDE YARD SETBACK	20 FT.	75 FT	125 FT	150 FT	40 FT
REAR YARD SETBACK	50 FT.	65 FT.	80 FT.	135 FT.	175 FT.
WATER SUPPLY		WELL	WELL	WELL	WELL
SEWAGE DISPOSAL		SEPTIC	SEPTIC	SEPTIC	SEPTIC

* REGULATION 4.11.4.3 & 4.11.4.4 — all interior lots shall have a lot area to at least 1.5 times the minimum lot area for the zoning district in which the lot is located. For zoning bulk calculations only, the total lot area shall be the proposed lot lines, excluding the length and width of the access strip.

- ** REGULATION 4.11.4.3 Such strip of land shall be at all points a minimum of twenty-five feet (25') wide.
- *** REGULATION 4.11.4.5 The minimum side yard and rear yard requirements for the Zoning District in which the lot is located shall be required. The front lot line shall be measured at the point closest to the street where the lot width
- is equal to the minimum lot frontage for the subject There shall be a minimum of 1.5 times the front yard setback required in the Zoning District from the front lot line to the principle building.



- 1. THE PROPOSED DEVELOPMENT IS A 4 LOT RESIDENTIAL SUBDIVISION. THE PROPOSED LIMITS OF DISTURBANCE HAVE BEEN SHOWN ON PLANS. THE PROPOSED DEVELOPMENT WILL DISTURB APPROXIMATELY 4.95 ACRES.
- THERE IS APPROXIMATELY 4,590 S.F. OF PROPOSED INLAND WETLAND DISTURBANCE. THERE IS PROPOSED WORK WITHIN THE 50-FOOT INLAND WETLAND UPLAND REVIEW AREA.
- 4. A PORTION OF THE SITE IS LOCATED IN THE 100-YEAR FLOOD PLAIN. (FIRM MAP #09011C0336G, MAP EFF. JULY 18, 2011)
 PORTION OF THE LOT LIES WITHIN A CT DEEP NATURAL DIVERSITY DATABASE AREA.
- NO PORTION OF THE LOT LIES WITHIN THE COASTAL MANAGEMENT AREA. NO PORTION OF THE LOT LIES WITHIN THE AQUIFER PROTECTION AREA
- THE RESIDENTIAL LOTS WILL BE SERVED BY AN ONSITE SEPTIC SYSTEM. THE RESIDENTIAL LOTS WILL BE SERVED BY AN ONSITE WELL.

1. 5/7/2025 No. DATE TATE OF CONNE TO MY KNOWLEDGE AND BELIEF THIS PLAN IS SUBSTANTIALLY CORRECT AS NOTED OR DEPLOTED HEREON.

RYAN J. CHEVERIE, L.L.S. #70454

No. 70454

AND SURVEYOR

TOWN COMMENTS

11 SILVER FALLS ROAD N/F CARMEN H. SKINNER VOL. 605 / PG: 639

> Map 001- Block 007- Lot 00A Silver Falls Road Montville, Connecticut Proposed Subdivision Prepared For Daniela Gjergjaj

317 Main Street Norwich, CT 06360 (860) 886-1966 Fax (860) 886-9165

CLA-7885

Proj. Engineer

R.A.D.

4/10/2025

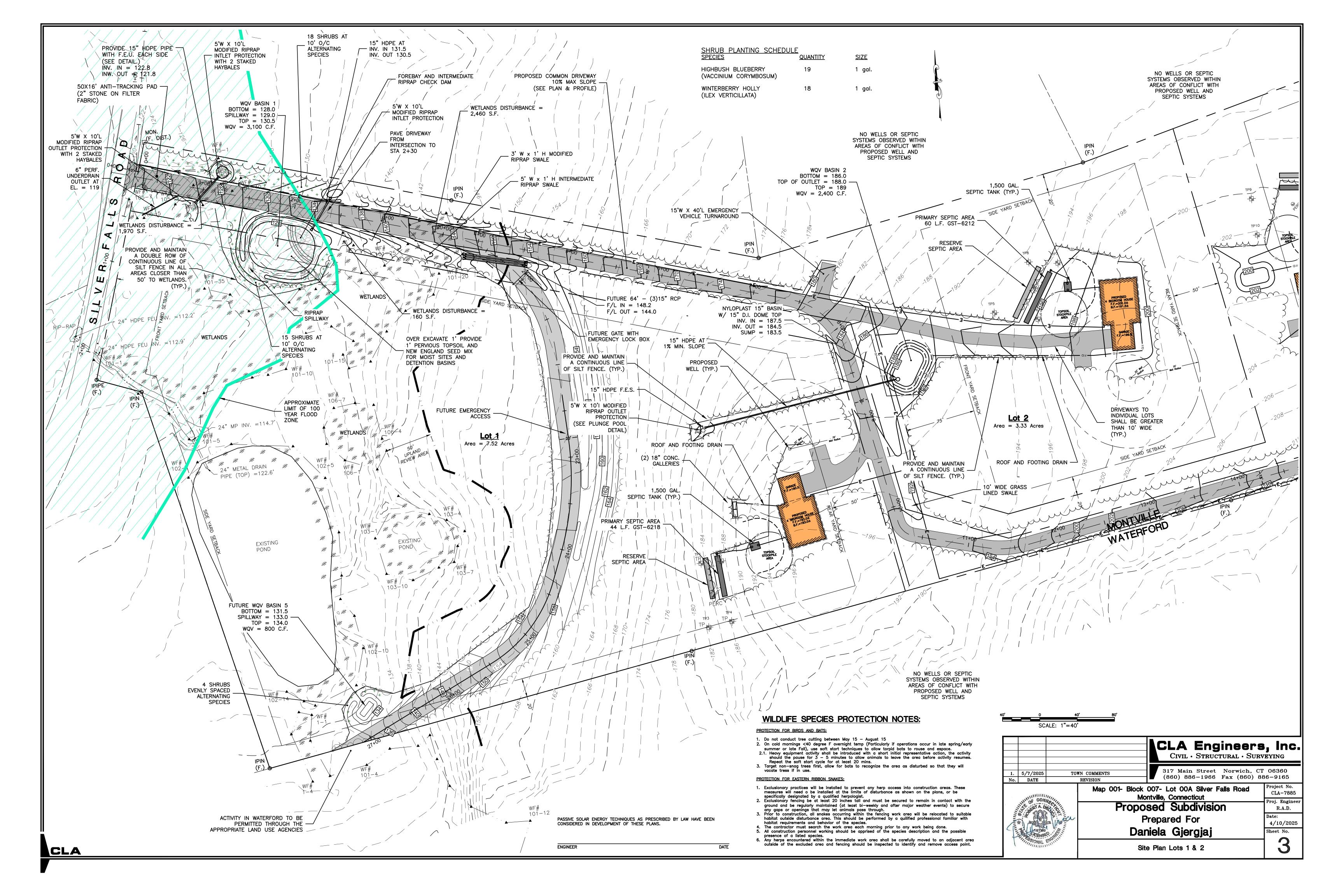
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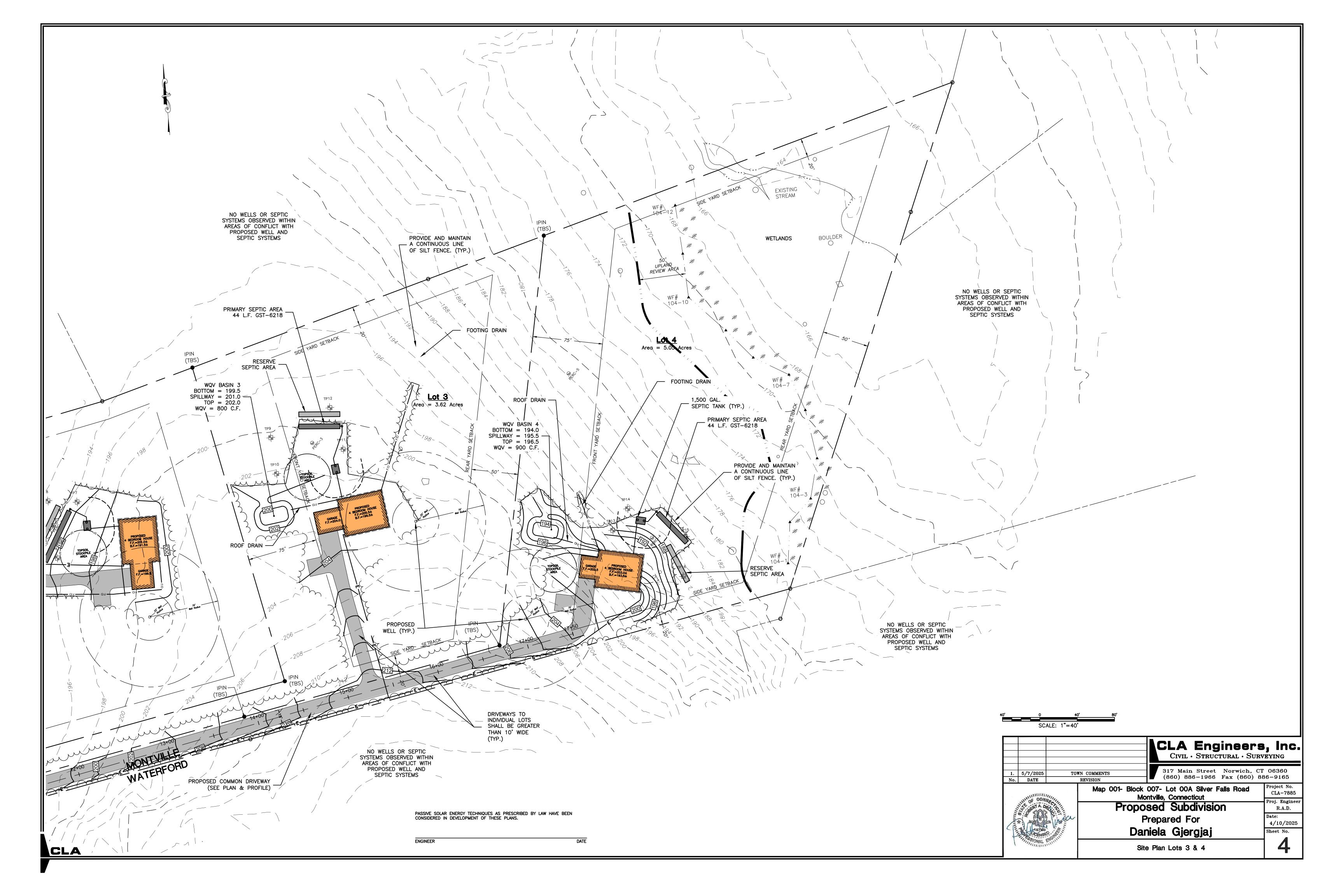
252 BUTLERTOWN ROAD N/F NAUGATUCK MASONRY SUPPLY VOL. 706 / PG: 160

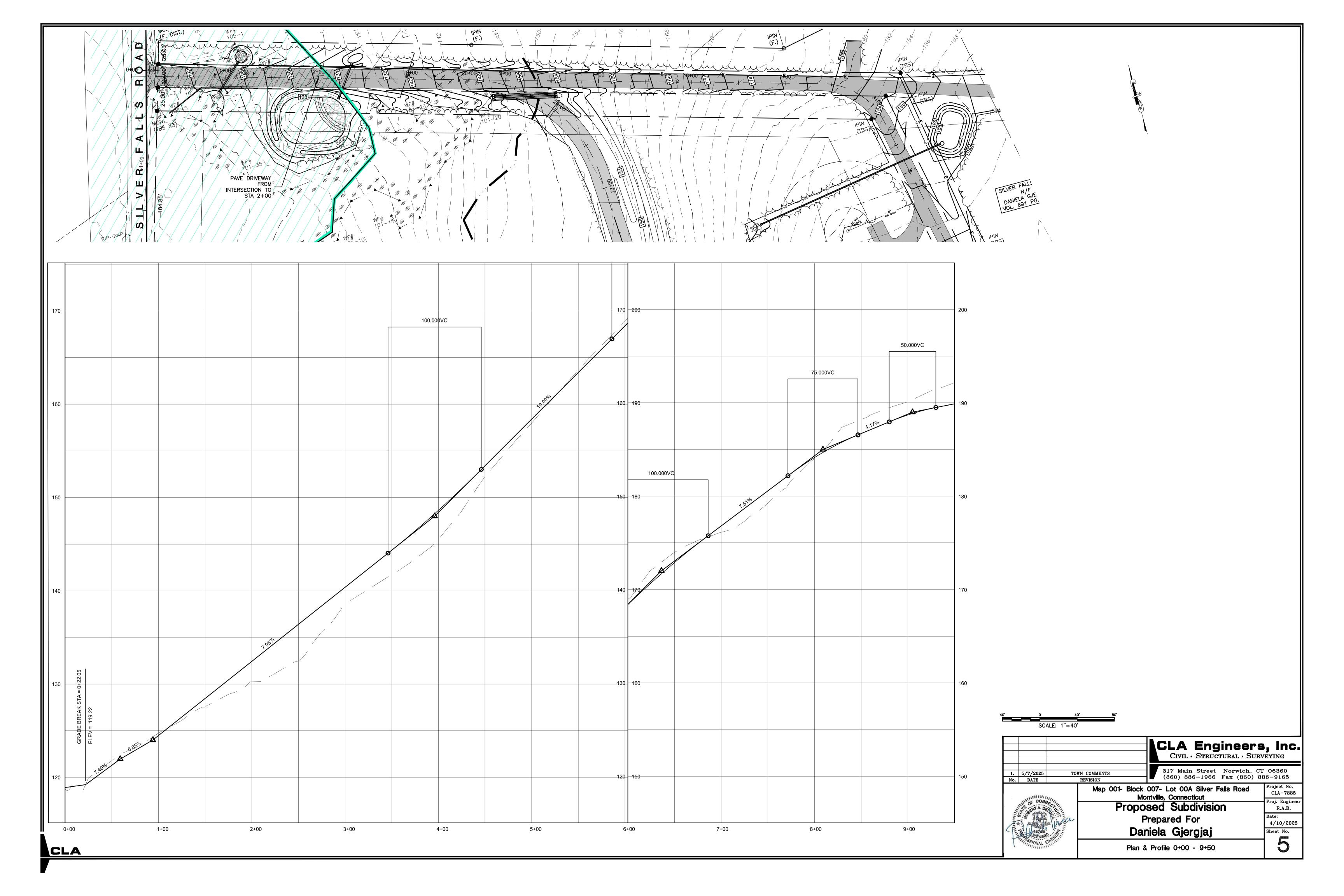
WETLANDS

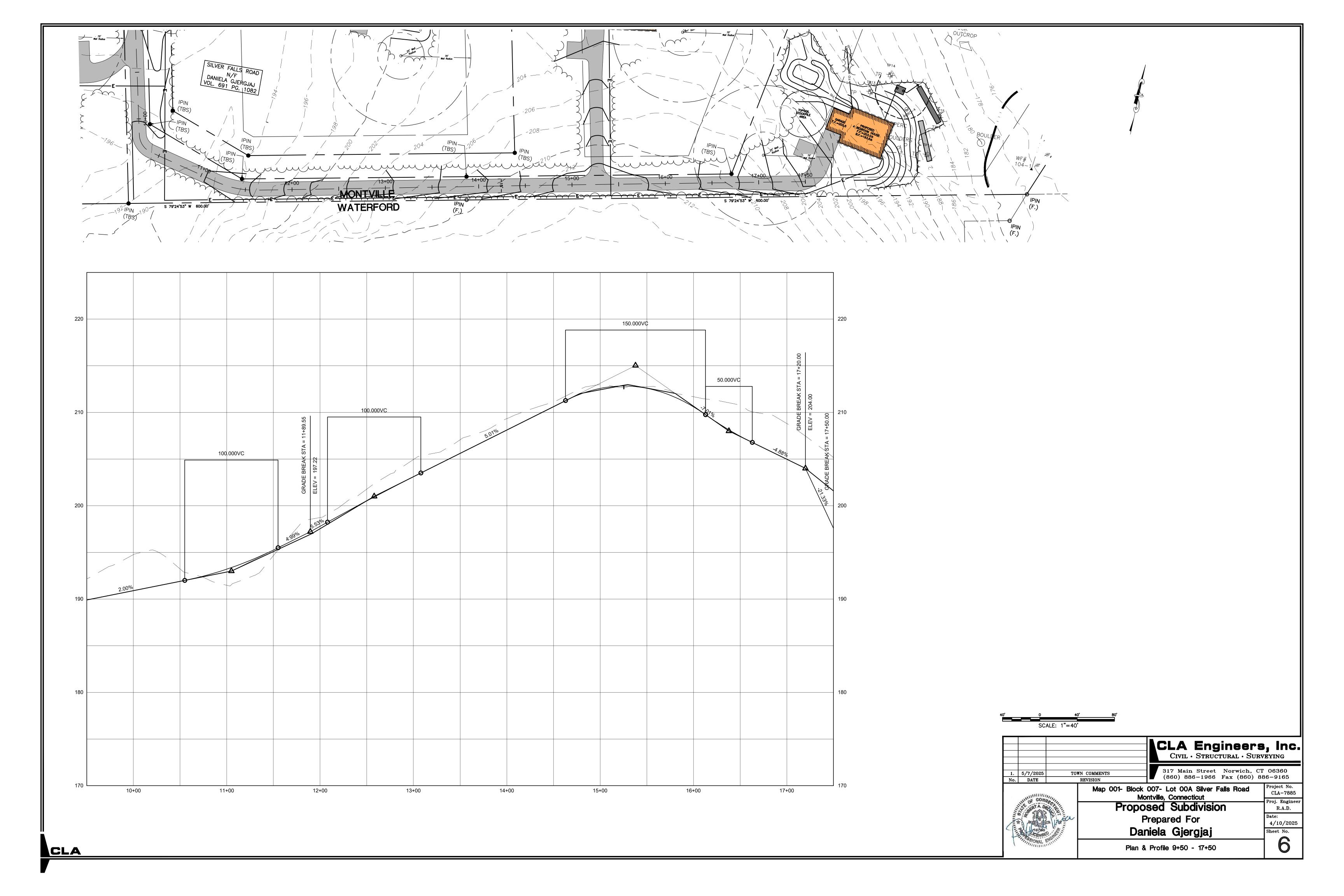
Subdivision Plan

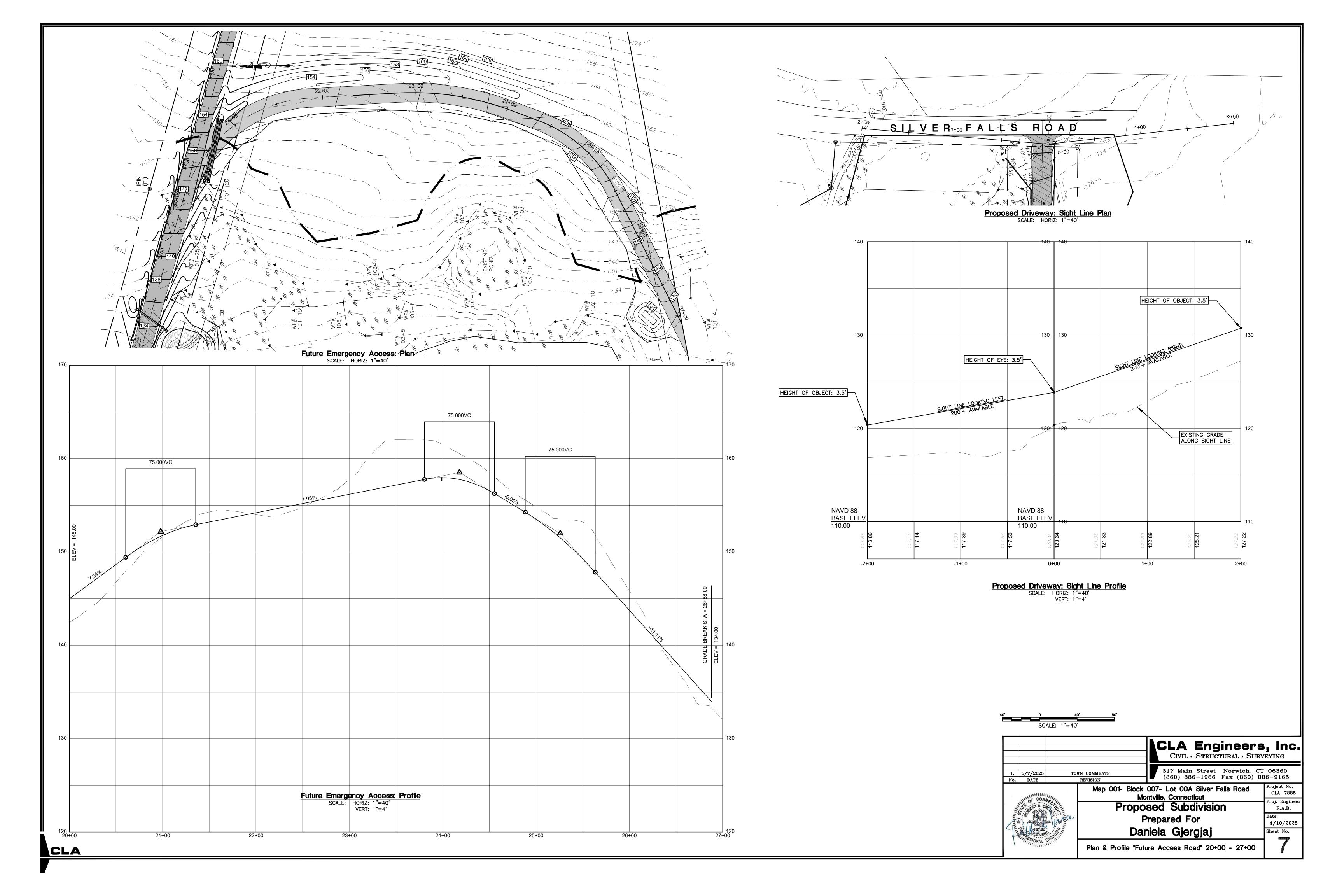


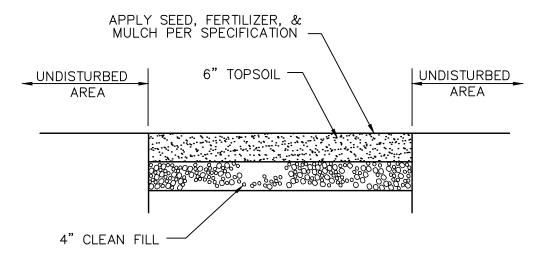












TOPSOIL & SEED CROSS SECTION

NOT TO SCALE

GENERAL NOTES

- CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" AT 811 AT LEAST 2 FULL WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
- INFORMATION SHOWN ON THE DRAWINGS RELATING TO MATERIALS, CONDITIONS, AND/OR LOCATIONS OF EXISTING STRUCTURES AND UTILITIES HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING FIELD SURVEY, UTILITY COMPANY AND TOWN RECORD MAPS AND DRAWINGS, AND IS NOT GUARANTEED ACCURATE OR COMPLETE.
- THE CONTRACTOR SHALL EXCAVATE TEST PITS AS NEEDED OR AS DIRECTED TO VERIFY UTILITY INFORMATION.
- 4. PASSAGE OF TRAFFIC ON ROADWAYS/DRIVEWAYS: A MINIMUM OF ONE LANE FOR TRAFFIC SHALL BE MAINTAINED THROUGH THE SITE AT ALL TIMES. THE CONTRACTOR SHALL PERFORM HIS OPERATIONS TO MINIMIZE DISRUPTIONS TO TRAFFIC WITHIN THE PROJECT SITE. A SINGLE LANE OF TRAFFIC MUST BE MAINTAINED AT ALL TIMES FOR RESIDENTS, BUSINESSES AND EMERGENCY VEHICLES.
- THE CONTRACTOR IS REQUIRED TO CHECK WITH THE MONTVILLE POLICE DEPARTMENT FOR ANY TRAFFIC INTERVENTION NEEDED, THE MONTVILLE POLICE DEPARTMENT WILL DETERMINE THE LEVEL AND TYPE OF TRAFFIC PROTECTION NEEDED. CONTINUOUS ACCESS FOR EMERGENCY VEHICLES SHALL BE MAINTAINED AT ALL TIMES.
- CONSTRUCTION SIGNS MUST CONFORM TO THE SIGNING REQUIREMENTS OUTLINED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)". ALL SIGN FACES SHALL BE REFLECTORIZED.
- THE CONTRACTOR SHALL CONFINE HIS OPERATIONS AND ACTIVITIES FOR CONSTRUCTION PURPOSES WITHIN THE STREET LINES, EASEMENTS AND PROPERTY AS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING PAVEMENT, ROADWAY, SIDEWALKS, ETC., OUTSIDE OF THE WORK AREA AND SHALL REPAIR SUCH DAMAGE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TEMPORARY AND PERMANENT SUPPORT OF ALL EXISTING UTILITY POLES IN AN ADJACENT TO THE CONSTRUCTION AREA AND SHALL COMPLY WITH ALL THE REQUIREMENTS AND SPECIAL DETAILS FOR THE SUPPORT OF UTILITIES REQUIRED BY UTILITY AGENCIES.
- MATERIAL STOCKPILE AND STAGING AREAS: THE CONTRACTOR SHALL LOCATE STOCKPILE, MATERIAL STORAGE AND EQUIPMENT STORAGE AREAS AS SHOWN ON THE PLANS. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL IDENTIFY THESE AREAS AND PROVIDE EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED. ADJUSTMENTS TO THESE LOCATIONS MAY BE MADE IN THE FIELD PROVIDED THAT EROSION AND SEDIMENTATION CONTROL MEASURES ARE FURNISHED & INSTALLED AND IN NO CASE MAY THEY BE LOCATED WITHIN THE 50-FOOT REGULATED AREAS.
- 10. IF BLASTING IS PERFORMED A PRE-BLAST SURVEY WILL BE REQUIRED. ANY AND ALL BLASTING SHALL CONFORM TO THE REGULATIONS SET FORTH BY THE TOWN AND SHALL BE APPROVED BY THE APPROPRIATE TOWN AGENCIES AND ADJACENT UTILITY OWNERS.
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTING TO GRADE ALL FRAMES, GRATES, COVERS, VALVE BOXES, ACCESS COVERS, AND ALL OTHER ITEMS WHICH NORMALLY MUST HAVE A FIXED RELATION TO FINISHED GRADE.
- 12. ALL WORK TO CONFORM TO THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS. BRIDGES AND INCIDENTAL CONSTRUCTION FORM 819. DATED 2024, AS REVISED.
- 13. ALL FILL MATERIAL (BORROW) IMPORTED TO THE SITE SHALL BE "CLEAN FILL" IN ACCORDANCE WITH DEEP'S SOLID WASTE MANAGEMENT REGULATIONS (RCSA SECTION

UTILITY NOTES

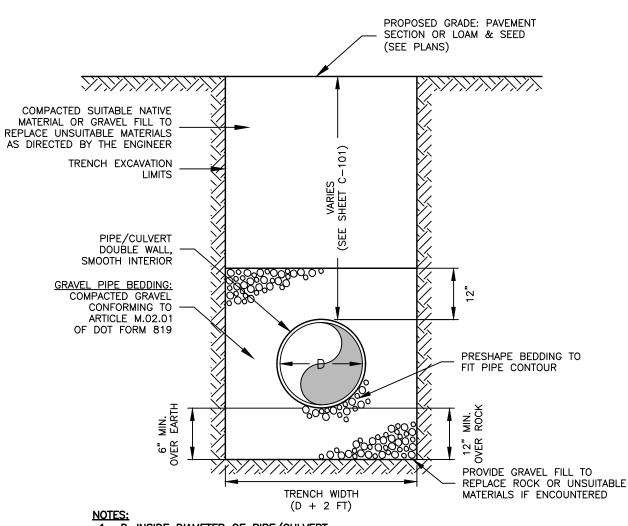
- ALL UTILITY AND SERVICE INSTALLATIONS SHALL CONFORM TO THE UTILITY COMPANY REQUIREMENTS AS APPLICABLE.
- 2. SITE MUST BE AT SUBGRADE BEFORE UTILITIES CAN BE INSTALLED.
- CONTRACTOR TO COORDINATE GAS/ELECTRIC INSTALLATION WORK WITH UTILITY COMPANY (IF APPLICABLE).

CONSTRUCTION SEQUENCE

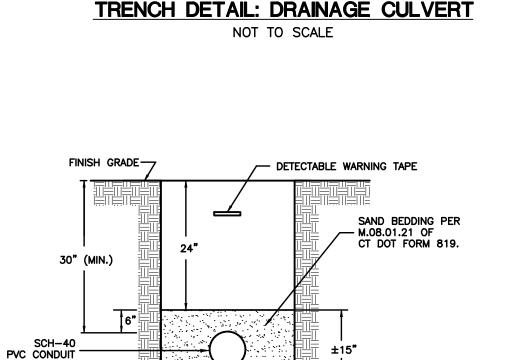
IT IS ANTICIPATED THAT THE CONSTRUCTION ACTIVITIES WILL BEGIN DURING THE FALL OF 2025 AND WILL BE COMPLETED IN APPROXIMATELY 18 MONTHS.

CONSTRUCTION SEQUENCE:

- PRIOR TO ANY SITE DISTURBANCE CONTACT "CALL BEFORE YOU DIG" 811 TO MARK EXISTING UTILITY LOCATIONS.
- INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES PER THE EROSION AND SEDIMENTATION CONTROL PLAN & NARRATIVE, ZONING AND WETLANDS OFFICER SHALL INSPECT PRIOR TO ANY DISTURBANCE.
- 3. CLEAR AND GRUB THE PROPOSED WORK AREA.
- 4. CUT & FILL FOR THE DRIVEWAYS, SEPTIC SYSTEMS, AND FOUNDATIONS TO ESTABLISH THE SITE SUBGRADE.
- 5. INSTALL PROPOSED UNDERGROUND UTILITIES.
- 6. FINISH GRADE THE DRIVEWAYS PER THE SECTION DETAIL.
- INSTALL ALL LANDSCAPING. LOAM, SEED, FERTILIZE AND MULCH ALL DISTURBED AREAS AROUND THE ROAD CONSTRUCTION.
- 8. AFTER ALL DISTURBED AREAS ARE STABILIZED AND WITH PRIOR APPROVAL FROM ZONING AND WETLANDS OFFICER, REMOVE EROSION AND SEDIMENTATION CONTROL MEASURES.



1. D=INSIDE DIAMETER OF PIPE/CULVERT. 2. TRENCH WIDTHS NOTED ARE SET TO ESTABLISH PAY LIMITS ONLY. ALL EXCAVATIONS MUST MEET OSHA STANDARDS. . CONTRACTOR TO PROVIDE COMPACTION ON ALL TRENCH BACKFILLS, EXCAVATIONS AND PAVEMENT BASES TO NOT LESS THAN 95% OF THE DRY DENSITY FOR THAT MATERIAL.



TRENCH WIDTHS NOTED ARE SET TO ESTABLISH PAY LIMITS ONLY ALL EXCAVATIONS MUST MEET OSHA STANDARDS. CONTRACTOR TO PROVIDE COMPACTION ON ALL TRENCH BACKFILLS, EXCAVATIONS AND PAVEMENT BASES TO NOT LESS THAN 95% OF THE DRY DENSITY FOR THAT

5. MAINTAIN 2" SEPARATION BETWEEN MULTIPLE CONDUIT TRENCHES TYPICAL CONDUIT TRENCH DETAIL

6" HIGHER

FOR R.O.W. LINE

FOR R.O.W. LINE

6" HIGHER THAN GUTTER

I VARIES

6" HIGHER

├---VARIES---

THAN GUTTER

SAG CURVE IN DRIVE

CREST CURVE IN DRIVE

DRIVEWAY DETAIL

NOT TO SCALE

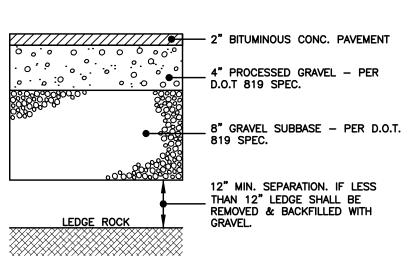
12" PROCESSED GRAVEL

PER D.O.T 819 SPEC.

EXTENDING 12" BEYOND EDGE

OF PAVEMENT (EACH SIDE) -

PIPE SEAL T 4" OUTLET W/ __ L.P. P.V.C. PIPE SEAL PLAN VIEW APPROVED EQUAL APPROVED EQUAL 4" WALLS CROSS SECTION VIEW DIMENSIONS MAY VARY DEPENDING ON TANK MANUFACTURER (UNITED CONCRETE SHOWN) CONCRETE - 4,000 P.S.I. AT 28 DAYS STEEL REINFORCEMENT- ASTM A-615 GR. 60, A-185 OR A-497, 1" MIN. COVER CONSTRUCTION JOINT-SEALED WITH 1" DIA. BUTYL RUBBER OR EQUIVALENT. SEPTIC TANK SHALL MEET THE REQUIREMENTS OF SECTION 5 OF THE CT PUBLIC HEALTH CODE PROVIDE RISERS AND ACCESS COVER TO WITHIN 12" OF FINISHED GRADE. TANK ACCESS COVERS TO 1,500 GALLON SEPTIC TANK NOT TO SCALE

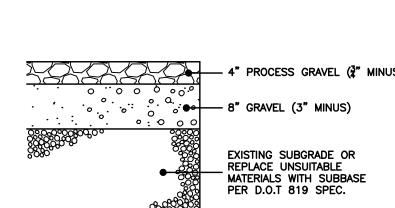


PROVIDE CONTINUOUS TACK COAT ALONG EDGE WHEN MATCHING EXISTING PAVEMENT CONTRACTOR TO PROVIDE COMPACTION ON ALL TRENCH BACKFILLS, EXCAVATIONS AND PAVEMENT BASES TO NOT LESS THAN 95% OF THE DRY DENSITY FOR THAT MATERIAL WHEN TESTED IN ACCORDANCE WITH AASHTO T180, METHOD D

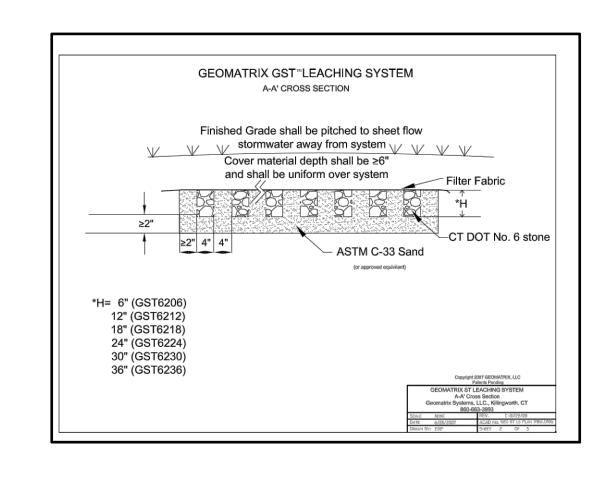
TYPICAL PAVEMENT SECTION DETAIL

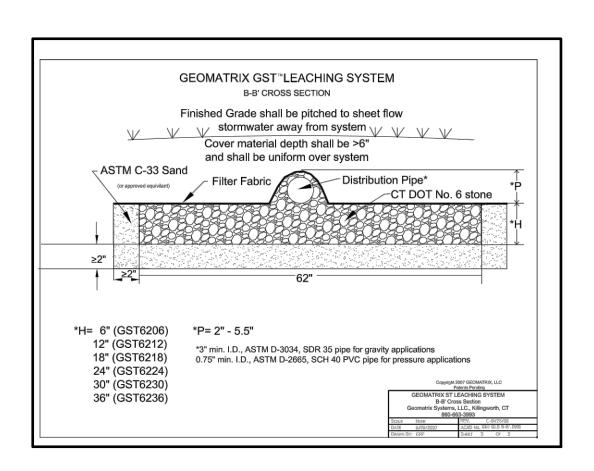
4" PROCESS GRAVEL (\rightarrow\)" MINUS) - 8" GRAVEL (3" MINUS) EXISTING SUBGRADE OR REPLACE UNSUITABLE

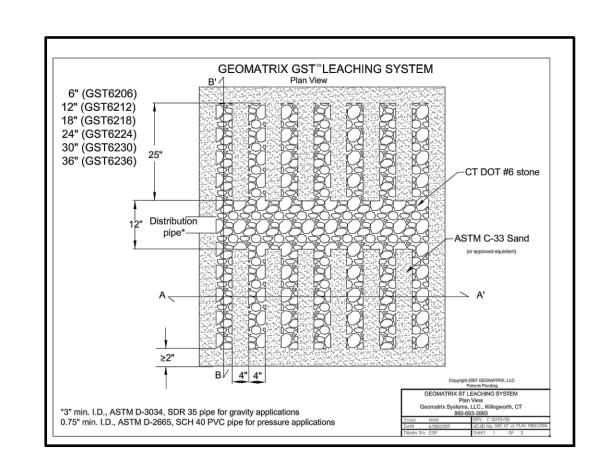
TYPICAL DRIVEWAY SECTION DETAIL

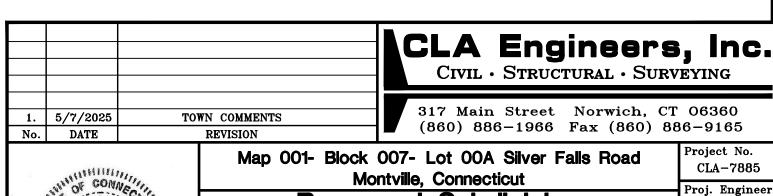


Know what's **below**. Call 811 before you dig.









Montville, Connecticut Proposed Subdivision **Prepared For** Daniela Gjergjaj

R.A.D.

4/10/2025

Sheet No.

Construction Details

CLA

TEST HOLE DATA: RECORDED BY ALYSSA BROCHU, REHS/RS UNCAS HEALTH DISTRICT 9/9/2024 **TEST HOLE 1** TOPSOIL ORANGE/BROWN SANDY LOAM 8"-23" LIGHT BROWN LOAM 23"-47" LIGHT BROWN SAND WITH ROCKS *SOMEWHAT COMPACT AT 38" ROOTS TO 32" NO MOTTLING OBSERVED NO GROUNDWATER OBSERVED NO LEDGE OBSERVED **RESTRICTIVE 83" TEST HOLE 2**

0-7" ORANGE/BROWN SANDY LOAM 7"-24" LIGHT BROWN FINE SAND WITH ROCKS *SOMEWHAT COMPACT AT 39" ROOTS TO 31" NO MOTTLING OBSERVED NO GROUNDWATER OBSERVED NO LEDGE OBSERVED RESTRICTIVE 86"

TEST HOLE 3 0-6" TOPSOIL

ORANGE/BROWN SANDY LOAM 6"-23" LIGHT BROWN COARSE SAND AND GRAVEL 23"-80"

ROOTS TO 23" NO MOTTLING OBSERVED NO GROUNDWATER OBSERVED NO LEDGE OBSERVED **RESTRICTIVE 80"**

TEST HOLE 4 0-7" **TOPSOIL** ORANGE/BROWN SANDY LOAM LIGHT BROWN COARSE SAND AND GRAVEL 30"-79" ROOTS TO 30" NO MOTTLING OBSERVED

NO GROUNDWATER OBSERVED NO LEDGE OBSERVED **RESTRICTIVE 79" TEST HOLE 5**

0-9" TOPSOIL 9"-26" ORANGE/BROWN FINE SANDY LOAM LIGHT BROWN FINE SAND AND GRAVEL

ROOTS THROUGHOUT TOPSOIL LAYER MOTTLING AT 40" NO GROUNDWATER OBSERVED NO LEDGE OBSERVED RESTRICTIVE 40"

TEST HOLE 6

TOPSOIL ORANGE/BROWN FINE SANDY LOAM 6"-34" LIGHT GREY SILTY LOAM 34"-45" LIGHT BROWN/GREY FINE SAND ROOTS THROUGHOUT TOPSOIL LAYER NO MOTTLING OBSERVED NO LEDGE OBSERVED

TEST HOLE 7

RESTRICTIVE 34"

ORANGE/BROWN FINE SANDY LOAM 7"-27" LIGHT BROWN COARSE SAND AND 27"-74" GRAVEL WITH ROCKS

ROOTS TO 27" NO MOTTLING OBSERVED NO GROUNDWATER OBSERVED NO LEDGE OBSERVED RESTRICTIVE 74"

TOPSOIL ORANGE/BROWN FINE SANDY LOAM LIGHT BROWN COARSE SAND AND GRAVEL 30"-80" NO ROOTS OBSERVED

MOTTLING AT 30" NO GROUNDWATER OBSERVED NO LEDGE OBSERVED **RESTRICTIVE 30"**

TEST HOLE 9 TOPSOIL

TEST HOLE 8

ORANGE/BROWN SANDY LOAM LIGHT BROWN TO YELLOW BROWN COARSE SAND AND GRAVEL

ROOTS TO 40" NO MOTTLING OBSERVED NO GROUNDWATER OBSERVED NO LEDGE OBSERVED RESTRICTIVE 79"

TEST HOLE 10

TOPSOIL ORANGE/BROWN SANDY LOAM LIGHT BROWN COARSE SAND AND GRAVEL

NO ROOTS OBSERVED NO MOTTLING OBSERVED NO GROUNDWATER OBSERVED NO LEDGE OBSERVED **RESTRICTIVE 78"**

TEST HOLE 11

ORANGE/BROWN SANDY LOAM LIGHT BROWN COARSE SAND AND GRAVEL 27"-78"

ROOTS TO 33" NO MOTTLING OBSERVED NO GROUNDWATER OBSERVED NO LEDGE OBSERVED **RESTRICTIVE 78"**

TEST HOLE 12 TOPSOIL 7"-20" LIGHT BROWN COARSE SAND

NO ROOTS OBSERVED

NO LEDGE OBSERVED

RESTRICTIVE 71"

TEST HOLE 13

NO MOTTLING OBSERVED

NO MOTTLING OBSERVED

NO MOTTLING OBSERVED

NO LEDGE OBSERVED

NO ROOTS OBSERVED

NO LEDGE OBSERVED

NO ROOTS OBSERVED

NO LEDGE OBSERVED

RESTRICTIVE 80"

NO MOTTLING OBSERVED

RESTRICTIVE 71"

TEST HOLE 16

NO MOTTLING OBSERVED

NO GROUNDWATER OBSERVED

TOPSOIL

GROUNDWATER SEEPAGE AT 80"

PERCOLATION TEST DATA

7.75"

15"

17.5"

19.5"

21.25"

23.25"

PERCOLATION RATE: 2.5 MIN/IN (1.0-10.0 MIN/IN)

CHANGE:

3.5"

3.125"

2.875"

2.25"

1.5"

1.25"

1.375"

1.125"

EXCAVATE TRENCH 4" AND PLACE FILL UP-SLOPE OF TRENCH

PLACE HAYBALE AND STAKE

PREVIOUS LAID BALE.

FIRST STAKE AT ANGLE TOWARDS

EMBED HAYBALE 4"

MIN. INTO SOIL

STAKES ARE 18" MIN. INTO GROUND

FXISTING GRADE

PERCOLATION TEST CONDUCTED BY

PERCOLATION TEST DATA

13.125"

18.25"

19.75"

22.375"

EMPTY

PERCOLATION RATE: 2.9 MIN/IN (1.0-10.0 MIN/IN)

PERCOLATION TEST CONDUCTED BY

BACKFILL & COMPACT

WEDGE LOOSE HAY _ BETWEEN BALES

(2)-2"x2"x3' STAKES OR REBAR PER BALE

EXCAVATED FILL

ALONG HAY BALE

FLOW -

ELEVATION

HAY BALE BARRIER DETAIL

NOT TO SCALE

23.5"

21"

16"

11.625"

RESTRICTIVE 80"

TEST HOLE 15

NO GROUNDWATER OBSERVED

TOPSOIL

NO LEDGE OBSERVED

RESTRICTIVE 79"

TEST HOLE 14

NO GROUNDWATER OBSERVED

TOPSOIL

NO GROUNDWATER OBSERVED

TOPSOIL

BROWN SANDY LOAM

LIGHT BROWN SOARS SAND AND GRAVEL

ORANGE BROWN SANDY LOAM

ORANGE/BROWN SANDY LOAM

ORANGE/BROWN SANDY LOAM

ORANGE/BROWN SANDY LOAM

CHANGE:

3.875"

3.375"

1.75"

2.5"

LIGHT BROWN COARSE SAND AND GRAVEL

20"-27"

27"-71"

8"-31"

31"-79"

7"-28"

28"-80"

9"-35"

35"-71"

3"-10"

PT#1

9:20

9:24

9:28

9:32

PT#2

10:15

10:19

10:23

10:27

10:31

10:35

10:39

10:43

10:47

DEPTH: 24"

PRESOAK: YES

READING:

MIN 10:31 TO 10:43 = 12 MIN

IN = 18.25 TO 22.375 = 4.125"

12MIN / 4.75IN = 2.9 MIN/IN

CLA Engineers, Inc, 9/9/2024

DEPTH: 24"

PRESOAK: YES

READING:

MIN 9:28 TO 9:40 = 12 MIN

IN = 17.5 TO 22.25 = 4.75"

12MIN / 4.75IN = 2.5 MIN/IN

CLA Engineers, Inc, 9/9/2024

ROOTS TO 26"

ROOTS TO 28"

PRESOAK: YES READING: CHANGE: 11:20 11:24 7.625" 3.625" 11:28 10.625" 3.125" 11:32 13.75" 11:36 17.375" 3.625" 11:40 20.125" 2.75" 11:44 21.5" 1.375" 11:48 1.5" 23" 11:52

DEPTH: 25"

PERCOLATION TEST DATA

MIN 11:36 TO 11:48 = 12 MIN IN = 17.375 TO 23 = 5.625" 12MIN / 5.625 IN = 2.1 MIN/IN

CLA Engineers, Inc, 9/9/2024

PERCOLATION RATE: 2.1 MIN/IN (1.0-10.0 MIN/IN)

PERCOLATION TEST DATA

PERCOLATION TEST CONDUCTED BY

DEPTH: 24" PRESOAK: YES

> READING: CHANGE: Too Fast to Measure.

PERCOLATION RATE: FASTER THAN 1 MIN/IN (1.0-10.0 MIN/IN)

PERCOLATION TEST CONDUCTED BY CLA Engineers, Inc, 9/9/2024

PERCOLATION TEST DATA

DEPTH: 23.25" PRESOAK: YES READING: CHANGE: 12:36 6.75" 12:40 12.5" 3.625" 12:44 15.875" 12:48 18.875" 3.125" 12:52 19.375" 3.625" 12:56 20.125" 2.75" 1:00 20.625" 1.375"

MIN 12:48 TO 1:08 = 20 MIN IN = 18.875 TO 22.625 = 3.75" 20MIN / 3.75 IN = 5.3 MIN/IN

1:04

1:08

1:12

PERCOLATION RATE: 5.3 MIN/IN (1.0-10.0 MIN/IN) PERCOLATION TEST CONDUCTED BY CLA Engineers, Inc, 9/9/2024

21.75"

22.625"

EMPTY

1.5"

PRIMARY LEACHING AREA 4 BEDROOM RESIDENCE PERCOLATION RATE: 1-10 MIN./INCH LEACHING AREA REQUIRED: 577.5_SF USE GST-6218 EFFECTIVE LEACHING AREA OF TRENCH = 14 SF/LF REQUIRED LENGTH = 577.5 SF / 14 SF/LF = 41.25 LFMLSS CALCULATION RESTRICTIVE LAYER • 79" AT TP#4 MLSS = NEEDS NOT BE CONSIDERED

PRIMARY LEACHING AREA
4 BEDROOM RESIDENCE PERCOLATION RATE: 1-10 MIN./INCH LEACHING AREA REQUIRED: 577.5 SF

PRIMARY SYSTEM
GST 6218 = USE 1 ROW OF 44 LF

LEACHING AREA PROVIDED = 616 SF

USE GST-6212 EFFECTIVE LEACHING AREA OF TRENCH = 10 SF/LF REQUIRED LENGTH = 577.5 SF / 10 SF/LF = 57.75 LF

RESTRICTIVE LAYER 9 30" AT TP#8 Slope = 6.8% MLSS = 28X1.75X1=49.0 PRIMARY SYSTEM
GST 6212 = USE 1 ROW OF 60 LF

LEACHING AREA PROVIDED = 600 SF

PRIMARY LEACHING AREA
4 BEDROOM RESIDENCE PERCOLATION RATE: 1-10 MIN./INCH LEACHING AREA REQUIRED: 577.5 SF EFFECTIVE LEACHING AREA OF TRENCH = 14 SF/LF REQUIRED LENGTH = 577.5 SF / 14 SF/LF = 41.25 LF

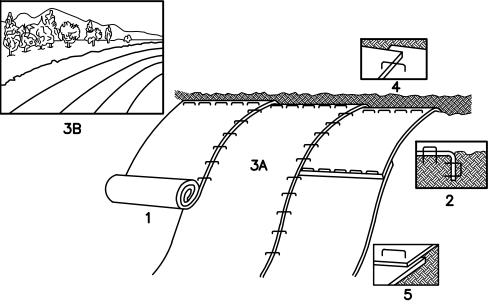
MLSS CALCULATION RESTRICTIVE LAYER • 71" AT TP#12 Slope = 4.1%MLSS = NEED NOT BE CONSIDERED PRIMARY SYSTEM
GST 6218 = USE 1 ROW OF 44 LF

LEACHING AREA PROVIDED = 616 SFRESERVE LEACHING AREA SAME AS PRIMARY

4 BEDROOM RESIDENCE PERCOLATION RATE: 1-10 MIN./INCH LEACHING AREA REQUIRED: 577.5 SF

USE GST-6218 EFFECTIVE LEACHING AREA OF TRENCH = 10 SF/LF REQUIRED LENGTH = 577.5 SF / 14 SF/LF = 41.25 LF

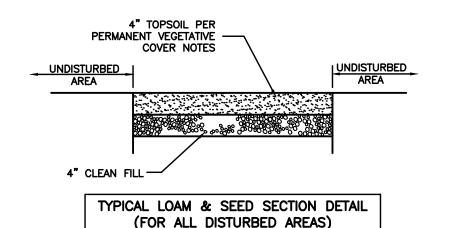
MLSS CALCULATION RESTRICTIVE LAYER • 71" AT TP#15 Slope = 6.8%PRIMARY SYSTEM
GST 6218 = USE 1 ROW OF 44 LF LEACHING AREA PROVIDED = 616 SFRESERVE LEACHING AREA SAME AS PRIMARY



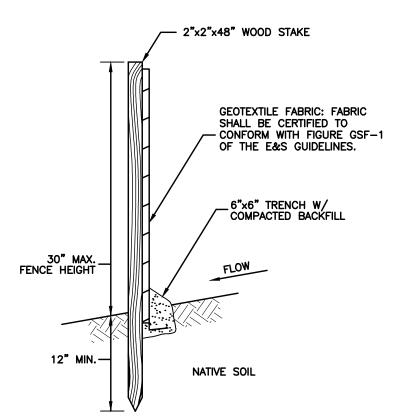
1. PROVIDE 4" THICKNESS OF TOPSOIL OVER CLEAN FILL. INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME. FERTILIZER, AND SEED MIX PER PERMANENT VEGETATIVE COVER NOTES. (SHALL BE PAID FOR AT THE UNIT PRICE FOR LOAM, SEED, FERTILIZE & MULCH) BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP \times 6' WIDE TRENCH, BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. 3. ROLL THE BLANKET (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. 4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" 5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED

NOTE: ALL PERMANENT EROSION CONTROL BLANKETS ARE TO BE NORTH AMERICAN GREEN BIONET C125BN OR APPROVED EQUAL. EROSION CONTROL MATTING DETAIL

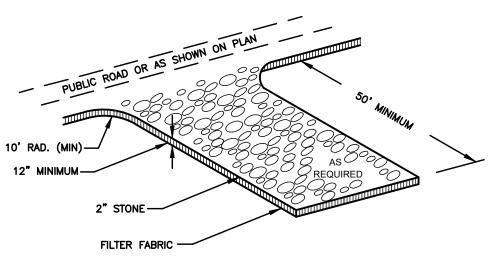
(FOR 3:1 SLOPES OR GREATER)



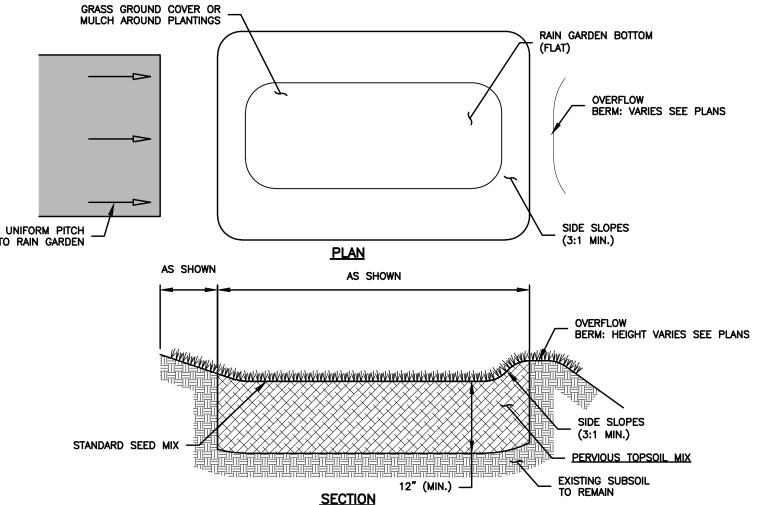
SLOPE STABILIZATION DETAILS NOT TO SCALE



SILT FENCE SECTION NOT TO SCALE



ANTI-TRACKING PAD DETAIL NOT TO SCALE

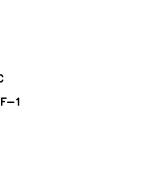


PERVIOUS TOPSOIL MIX SHALL MEET THE REQUIREMENTS OF DOT FORM 819, ARTICLE M.13.01.1 WITH THE FOLLOWING GRADATION: SIEVE 60-80%

<u>DO NOT COMPACT MATERIAL DURING INSTALLATION.</u>
EXCAVATE RAIN GARDEN TO THE GRADES SPECIFIED WITH SIDEWALLS AS NEAR TO VERTICAL AS POSSIBLE. INSTALL PERVIOUS TOPSOIL MIX. DO NOT COMPACT TOPSOIL MIX. 3. SEED MIX SHALL CONFORM THE REQUIREMENTS SPECIFIED IN THE VEGETATIVE COVER NARRATIVE HEREIN.

REMOVE SEDIMENT AND LEAF LITTER TWICE YEARLY A. BETWEEN NOVEMBER 15 AND DECEMBER 15 (AFTER LEAF FALL) B. DURING APRIL (AFTER SNOW MELT)

> TYPICAL RAIN GARDEN DETAILS NOT TO SCALE



2. THE PROPOSED LOCATIONS OF SILTATION AND EROSION CONTROL MEASURES ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL PROVIDED SILT FENCE, STONE CHECK DAMS AND/OR OTHER EROSION CONTROL MEASURES AS NEEDED OR DIRECTED BY THE ENGINEER OR TOWN STAFF TO ADEQUATELY PREVENT SEDIMENT TRANSPORT.

1. THE EROSION & SEDIMENTATION CONTROL PLAN AND DETAILS HAVE BEEN DEVELOPED AS A

EROSION & SEDIMENTATION CONTROL NARRATIVE

WITH THE CONNECTICUT DEP.

3. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE. TOWN STAFF TO BE NOTIFIED 48 HOURS IN ADVANCE OF INSTALLATION E&S SO THEY MAY INSPECT

STRATEGY TO CONTROL SOIL EROSION AND SEDIMENTATION DURING AND AFTER CONSTRUCTION.

THIS PLAN IS BASED ON THE "2024 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT

CONTROL" BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION IN COOPERATION

4. THE CONTRACTOR SHALL INSPECT, REPAIR AND/OR REPLACE EROSION CONTROL MEASURES EVERY 7 DAYS AND IMMEDIATELY FOLLOWING ANY SIGNIFICANT RAINFALL OR SNOW MELT. SEDIMENT DEPOSITS MUST BE REMOVED WHEN WHEN DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. SEDIMENT CONTROL DEVICES SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL AREAS UPSLOPE ARE PERMANENTLY STABILIZED.

5. STAKED HAY BALE SILT BARRIERS OR SILT FENCE SHALL BE INSTALLED AROUND ANY TEMPORARY STOCKPILE AREAS. TEMPORARY VEGETATIVE COVER MAY BE REQUIRED (SEE NOTE).

INLET SEDIMENTATION CONTROL DEVICES SHALL BE INSTALLED UNDER THE GRATES OF ALL NEW CATCH BASINS AT THE TIME OF INSTALLATION, AND UNDER THE GRATES OF EXISTING CATCH BASINS IN THE CONSTRUCTION AREA.

7. CONTINUOUS DUST CONTROL USING WATER SHALL BE PROVIDED FOR ALL EARTH STOCKPILES, EARTH PILED ALONG EXCAVATIONS, SURFACES OF BACKFILLED TRENCHES AND GRAVELED ROADWAY SURFACES.

8. IF DEWATERING IS NECESSARY DURING ANY TIME OF CONSTRUCTION A CLEAR WATER DISCHARGE SHALL BE PROVIDED AS SHOWN IN THE HAY-BALE BARRIER DEWATERING DETAIL OR ALTERNATE

METHOD PROPOSED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. WETLAND CROSSINGS WILL BE CONSTRUCTED FROM JUNE 1 TO OCTOBER 1. ALL DISTURBED AREAS SHALL BE RESTORED PER THE SLOPE STABILIZATION AND PERMANENT VEGETATION DETAILS. ALL DISTURBED AREAS THAT ARE SLOPED LESS THAN THREE HORIZONTAL TO ONE VERTICAL (3:1) SLOPE SHALL BE LOAMED, SEEDED, FERTILIZED AND MULCHED PER THE PERMANENT VEGETATIVE COVER SPECIFICATIONS. EROSION CONTROL MATTING SHALL BE PROVIDED ON ALL DISTURBED AREAS THAT ARE SLOPED MORE THAN THREE HORIZONTAL TO ONE VERTICAL (3:1).

10. IF FINAL SEEDING OF DISTURBED AREAS IS NOT TO BE COMPLETED BEFORE OCTOBER 15, THE CONTRACTOR SHALL PROVIDE TEMPORARY MULCHING (DORMANT SEEDING MAY BE ATTEMPTED AS WELL) TO PROTECT THE SITE AND DELAY PERMANENT SEEDING.

11. WHEN FEASIBLE, TEMPORARY SEEDING OF DISTURBED AREAS THAT HAVE NOT BEEN FINISHED

GRADED SHALL BE COMPLETED PRIOR TO OCTOBER 15. 12. ANY EROSION WHICH OCCURS WITHIN THE DISTURBED AREAS SHALL BE IMMEDIATELY REPAIRED AND STABILIZED. DURING THE CONSTRUCTION PHASE. INTERCEPTED SEDIMENT SHALL BE RETURNED TO THE SITE. POST SEEDING, INTERCEPTED SEDIMENT, IF ANY, SHALL BE DISPOSED OF IN A MANNER

APPROVED BY THE TOWN AND ENGINEER. 13. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL VEGETATION IS

RE-ESTABLISHED OR SLOPES ARE STABILIZED AND REMOVAL IS APPROVED BY THE TOWN. 14. UNFORESEEN PROBLEMS WHICH ARE ENCOUNTERED IN THE FIELD SHALL BE SOLVED ACCORDING TO THE "2024 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION IN COOPERATION WITH THE CONNECTICUT

15. THE CONTRACTOR SHALL PROVIDE THE NAME AND EMERGENCY CONTACT INFORMATION FOR THE PROJECT PERSONNEL RESPONSIBLE FOR EROSION AND SEDIMENTATION CONTROLS PRIOR TO THE START OF CONSTRUCTION.

16. THE WETLANDS ENFORCEMENT OFFICER SHALL BE NOTIFIED AT LEAST 2 BUSINESS DAYS PRIOR TO CONSTRUCTION TO INSPECT EROSION CONTROLS.

17. THE WETLAND ENFORCEMENT OFFICER SHALL BE NOTIFIED AT THE COMPLETION OF WORK FOR FINAL INSPECTION AND SIGN OFF OF PERMIT COMPLIANCE.

PERMANENT VEGETATIVE COVER

TOPSOIL WILL BE REPLACED ONCE THE EXCAVATIONS HAVE BEEN COMPLETED AND THE SLOPES ARE GRADED AS SHOWN ON THE PLANS. PROVIDE SLOPE PROTECTION AS CALLED FOR ON THE PLANS AND DETAILS. TOPSOIL SHALL BE SPREAD AT A MINIMUM COMPACTED DEPTH OF 4 INCHES. ONCE THE TOPSOIL HAS BEEN SPREAD, ALL STONES TWO INCHES OR LARGER IN ANY DIMENSION WILL BE REMOVED AS WELL AS DEBRIS.

 APPLY AGRICULTURAL GROUND LIMESTONE AT THE RATE OF TWO TONS PER ACRE OR 100 LBS. PER 1000 S.F. - APPLY 10-10-10 FERTILIZER OR EQUIVALENT AT A RATE OF 300 LBS. PER ACRE OR

7.5 LBS. PER 1000 S.F.

WORK LIMESTONE AND FERTILIZER INTO THE SOIL TO A DEPTH OF 4 INCHES. INSPECT SEEDBED BEFORE SEEDING.

IF TRAFFIC HAS COMPACTED THE SOIL, RETILL COMPACTED AREAS. - APPLY THE FOLLOWING GRASS SEED MIX:

TYPICAL SEED MIXTURE ALL DISTURBED AREAS LBS./ACRE LBS./1000 S.F. KENTUCKY BLUEGRASS 0.45 CREEPING RED FESCUE 0.45 <u>0.10</u> 1.00 PERENNIAL RYEGRASS TYPICAL SEED MIXTURE FOR STEEP SLOPES (2:1 OR GREATER) CT DEP SEED MIX NO. 6 LBS./ACRE LBS./1000 S.F.

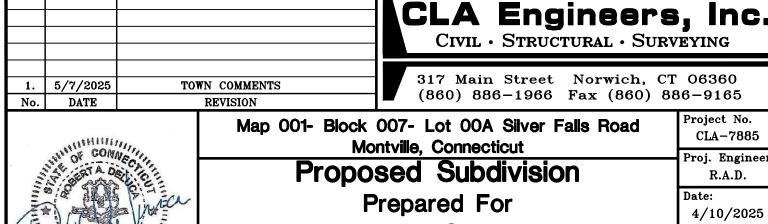
CREEPING RED FESCUE 0.50 0.05 REDTOP (STREEKER, COMMON) 0.50 1.05 PERENNIAL RYEGRASS THE RECOMMENDED SEEDING DATES ARE:

APRIL 1 - JUNE 15 AND AUGUST 15 - OCTOBER 15

IMMEDIATELY FOLLOWING SEEDING, FIRM SEED BED WITH A ROLLER AND MULCH WITH WEED FREE STRAW. IF PERMANENT VEGETATIVE COVER IS HAS NOT BEEN ESTABLISHED BY OCTOBER 15, APPLY A TEMPORARY VEGETATIVE COVER ON THE TOPSOIL

TEMPORARY VEGETATIVE COVER

A TEMPORARY SEEDING OF RYE GRASS WILL BE COMPLETED WITHIN 15 DAYS OF THE FORMATION OF STOCKPILES. IF THE SOIL IN THE STOCKPILES HAS BEEN COMPACTED BY CONSTRUCTION OPERATIONS IT SHALL BE LOOSENED TO A DEPTH OF 2 INCHES BEFORE THE FERTILIZER, LIME AND SEED IS APPLIED. 10-10-10 FERTILIZER AT A RATE OF 7.5 POUNDS PER 1000 S.F. LIMESTONE AT A RATE OF 90 LBS. PER 1000 S.F. SHALL BE USED. RYE GRASS APPLIED AT A RATE OF 1 LB. PER 1000 S.F. SHALL PROVIDE THE TEMPORARY VEGETATIVE COVER. STRAW FREE FROM WEEDS AND COARSE MATTER SHALL BE USED AT A RATE OF 70-90 LBS. PER 1000 S.F. AS A TEMPORARY MULCH. APPLY MULCH AND DRIVE TRACKED EQUIPMENT UP AND DOWN SLOPE OVER ENTIRE SURFACE SO CLEAT MARKS ARE PARALLEL TO THE CONTOURS.



Daniela Gjergjaj

Construction Notes and Test Pit Logs

CLA-7885

Proj. Engineer

R.A.D.

4/10/2025

Sheet No.



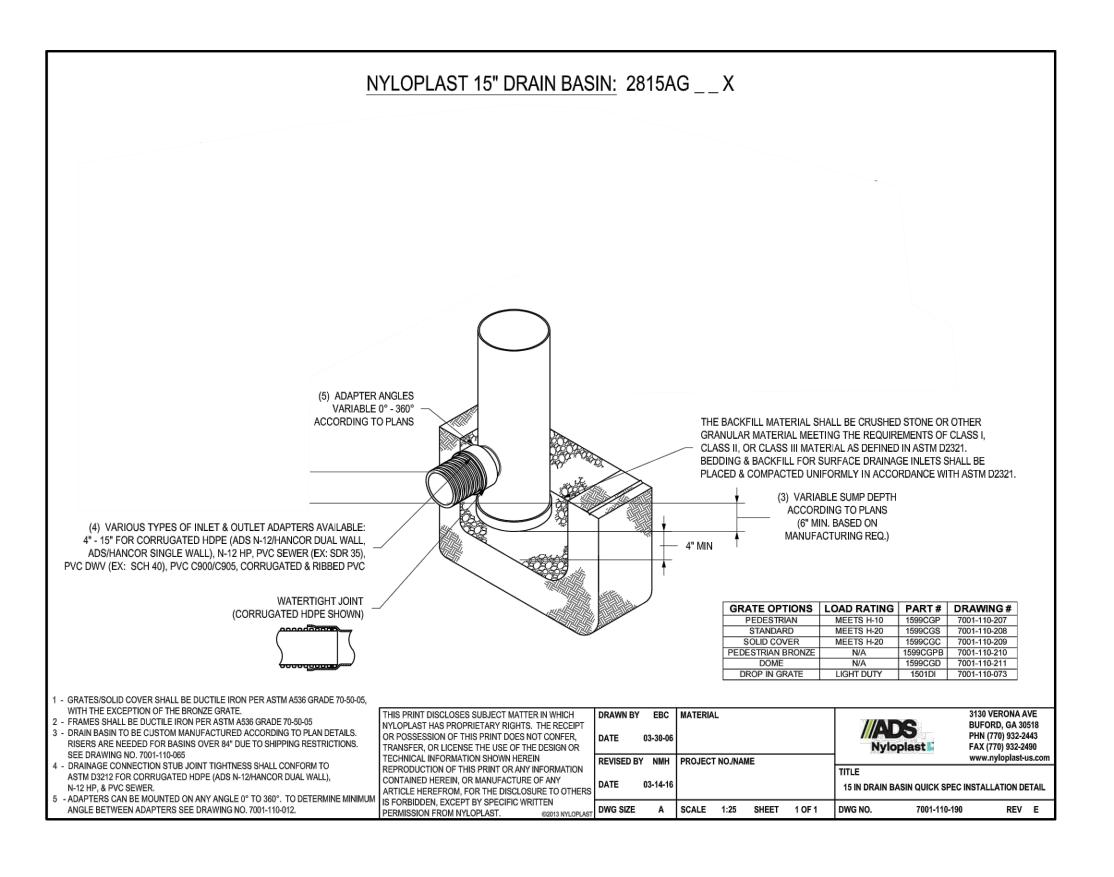
Water Quality Basin Sizing Basin 1		
Sizing in Accordance with Chapter 7.4 of the DEP 2024 Storm Water Qu	ıality Manua	ıl
Water Quality Volume $(WQV) = (1.3^{\circ\circ})(R)(A) / 12$		
R = 0.05 + 0.009(I)		
I = percent of impervious cover		
A = watershed area		
Total Watershed Area (Ac.):	1.82	
Watershed Impervious Area (Ac.):	0.30	
I =	16.5%	
R =	0.198	
Required WQV=	0.039	P
	1,703.6	
WOV Provided :	3,100	$\exists c$

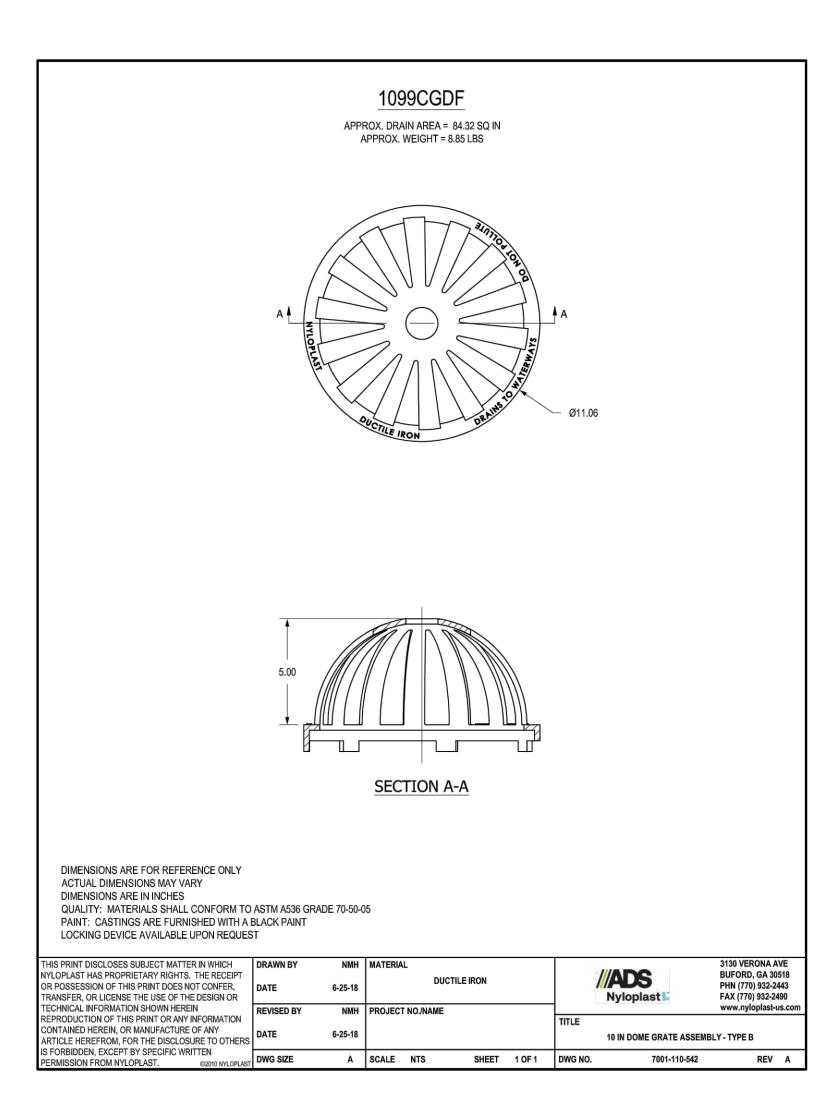
Water Quality Basin Sizing Basin 2		
Sizing in Accordance with Chapter 7.4 of the DEP 2024 Storm Water Q	uality Manual	
Water Quality Volume $(WQV) = (1.3")(R)(A) / 12$		
R = 0.05 + 0.009(I)		
I = percent of impervious cover		
A = watershed area		
Total Watershed Area (Ac.):	2.17]
Watershed Impervious Area (Ac.):	0.33	
I =	15.2%	
R =	0.187	
Required WQV=	0.044	AcFt
	1,913.6	CF
WQV Provided :	2,400	CF

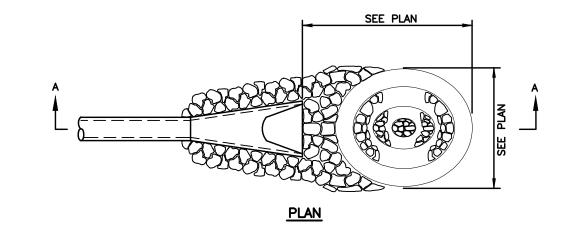
Water Quality Basin Sizing Basin 3		
Sizing in Accordance with Chapter 7.4 of the DEP 2024 Storm Water Q	uality Manua	1
Water Quality Volume $(WQV) = (1.3")(R)(A) / 12$		
R = 0.05 + 0.009(I)		
I = percent of impervious cover		
A = watershed area		
Total Watershed Area (Ac.):	0.68	7
Watershed Impervious Area (Ac.):	0.13	
I =	19.1%	7
R =	0.222	
Required WQV=	0.016	Ac.
	712.6	CF
WOV Provided :	800	CF

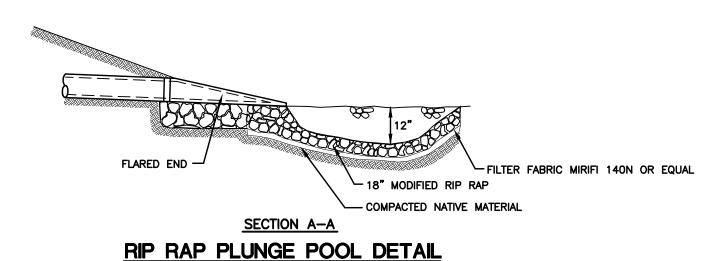
Water Quality Basin Sizing Basin 4		
Sizing in Accordance with Chapter 7.4 of the DEP 2024 Storm Water Qu	ality Manua	I
Water Quality Volume (WQV) = $(1.3^{\circ})(R)(A) / 12$		
R = 0.05 + 0.009(I)		
I = percent of impervious cover		
A = watershed area		
Total Watershed Area (Ac.) :	0.53	
Watershed Impervious Area (Ac.):	0.17	
I =	31.1%	
R =	0.330	7
Required WQV=	0.019	AcF
	825.8	CF
WQV Provided :	900	CF

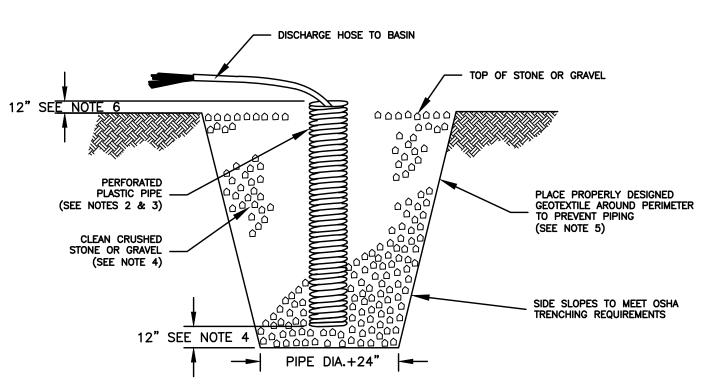
Water Quality Basin Sizing Basin 5		
Sizing in Accordance with Chapter 7.4 of the DEP 2024 Storm Water Q	Quality Manual	
Water Quality Volume $(WQV) = (1.3")(R)(A) / 12$		
R = 0.05 + 0.009(I)		
I = percent of impervious cover		
A = watershed area		
Total Watershed Area (Ac.) :	1.34]
Watershed Impervious Area (Ac.):	0.06	1
I =	4.5%	1
R =	0.090	1
Required WQV=	0.013	AcFt
	571.0	CF
WQV Provided :	<u>800</u>	CF











NOTES:

1. OVERALL SUMP PIT DIMENSIONS SHALL BE COMPATIBLE WITH ANTICIPATED SEEPAGE RATES AND PUMP SIZE TO BE USED. THE STANDPIPE DIAMETER AND NUMBER OF PERFORATIONS SHALL BE COMPATIBLE THE PUMP SIZE BEING USED. PERFORATIONS IN THE STANDPIPE SHALL BE EITHER CIRCULAR OR SLOTS. PERFORATION SIZE SHALL NOT EXCEED ½" DIAMETER. CRUSHED STONE OR GRAVEL SHALL BE NO SMALLER THAN CT. DOT #67 SIZE NOR LARGER THAN CT. DOT #3 SIZE. CRUSHED STONE SHALL EXTEND A MINIMUM OF 12" BELOW THE BOTTOM OF THE STANDPIPE.

5. IF EXCESSIVE MOVEMENT OF FINE SOIL PARTICLES FROM THE SURROUNDING EXISTING SOILS IS ANTICIPATED, A PROPERLY DESIGNED GEOTEXTILE SHALL BE PLACED BETWEEN THE EXISTING SOILS AND THE CRUSHED STONE OR GRAVEL BACKFILL.

6. THE STANDPIPE SHALL EXTEND A MINIMUM OF 12" ABOVE THE SURROUNDING GROUND.

TYPICAL DEWATERING INLET DETAIL

NOT TO SCALE

NEW ENGLAND WETLAND PLANTS, INC

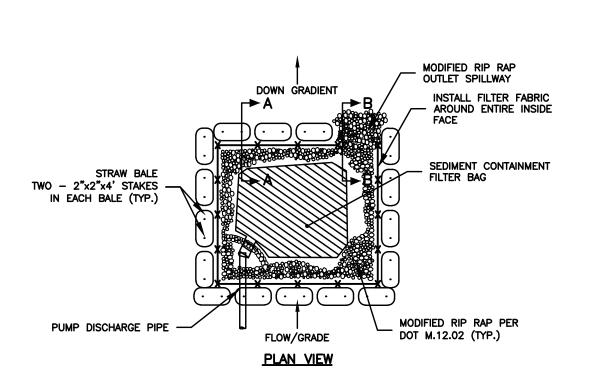
14 Pearl Lane South Hadley, MA 01075 PHONE: 413-548-8000 FAX 413-549-4000 EMAIL: INFO@NEWP.COM WEB ADDRESS: WWW.NEWP.COM

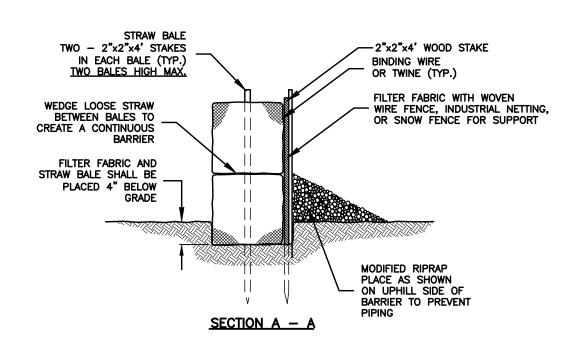
New England Erosion Control/Restoration Mix For Detention Basins and Moist Sites

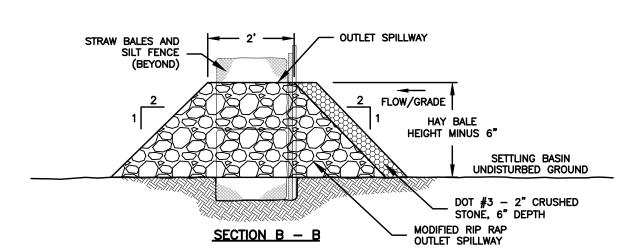
Botanical Name	Common Name	Indicator
Elymus riparius	Riverbank Wild Rye	FACW
Schizachyrium scoparium	Little Bluestem	FACU
Festuca rubra	Red Fescue	FACU
Andropogon gerardii	Big Bluestem	FAC
Panicum virgatum	Switch Grass	FAC
Vernonia noveboracensis	New York Ironweed	FACW+
Agrostis perennans	Upland Bentgrass	FACU
Bidens frondosa	Beggar Ticks	FACW
Eupatorium maculatum (Eutrochium maculatum)	Spotted Joe Pye Weed	OBL
Eupatorium perfoliatum	Boneset	FACW
Aster novae-angliae (Symphyotrichum novae-anglia	New England Aster	FACW-
Scirpus cyperinus	Wool Grass	FACW
Juncus effusus	Soft Rush	FACW+

The New England Erosion Control/Restoration Mix for Detention Basins and Moist Sites contains a selection of native grasses and wildflowers designed to colonize generally moist, recently disturbed sites where quick growth of vegetation is desired to stabilize the soil surface. It is an appropriate seed mix for ecologically sensitive restorations that require stabilization as well as long-term establishment of native vegetation. This mix is particularly appropriate for detention basins that do not hold standing water. Many of the plants in this mix can tolerate infrequent inundation, but not constant flooding. The mix may be applied by hand, by mechanical spreader, or by hydroseeder. After sowing, lightly rake, roll or cultipack to insure good seed-to-soil contact. Best results are obtained with a Spring or late Summer seeding. Late Fall and Winter dormant seeding requires an increase in the application rate. A light mulching of clean, weed-free straw is recommended

New England Wetland Plants, Inc. may modify seed mixes at any time depending upon seed availability. The design criteria and ecological function of the mix will remain unchanged. Price is \$/bulk pound, FOB warehouse, Plus SH and applicable taxes.







- CONSTRUCTION NOTES:

 1. SILT FENCE FILTER CLOTH TO BE SECURELY FASTENED TO GRADE STAKE WITH STAPLES, 6" ON CENTER.

 2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN ONE ANOTHER THEY SHALL
- OVERLAP BY 6" AND BE FOLDED.

 3. BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.

- DEWATERING PLAN

 A CLEAR WATER DISCHARGE SHALL BE PROVIDED AS FOLLOWS:

 1. PUMP INLET SHALL BE PROTECTED WITH FILTER FABRIC & CRUSHED STONE.

 2. PUMP SHALL BE STAGED OUTSIDE OF WETLANDS.
- THE WATER SHALL BE PUMPED TO A DEWATERING STRUCTURE WHICH SHALL

 BE LOCATED AT LEAST 50 FEET FROM ANY REGULATED WETLAND AREA OR AS SHOWN ON THE PLANS.

 THE DEWATERING STRUCTURE SHALL BE SIZED TO ACCOMMODATE PUMP DISCHARGE

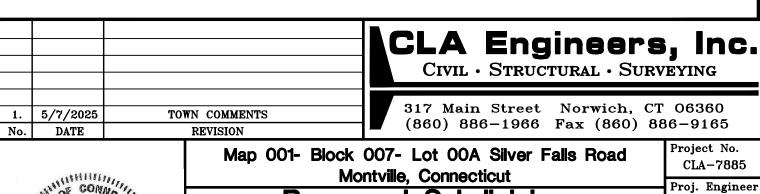
- RATE: REQUIRED VOLUME (C.F.) = PUMP DISCHARGE (G.P.M.) x 16

 THE DEWATERING STRUCTURE SHALL DISCHARGED TO A VEGETATED AREA.

 ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN AND PROPERLY DISPOSED OF WHEN ACCUMULATION REACHES HALF OF THE REQUIRED STORAGE VOLUME.

 DEWATERING AREA SHALL BE RESTORED WITH NEW ENGLAND EROSION CONTROL SEED MIX.

HAY BALE BARRIER DE-WATERING DETAIL NOT TO SCALE



Proposed Subdivision Prepared For Daniela Gjergjaj

STORM WATER QUALITY DETAILS

R.A.D.

4/10/2025

Sheet No.