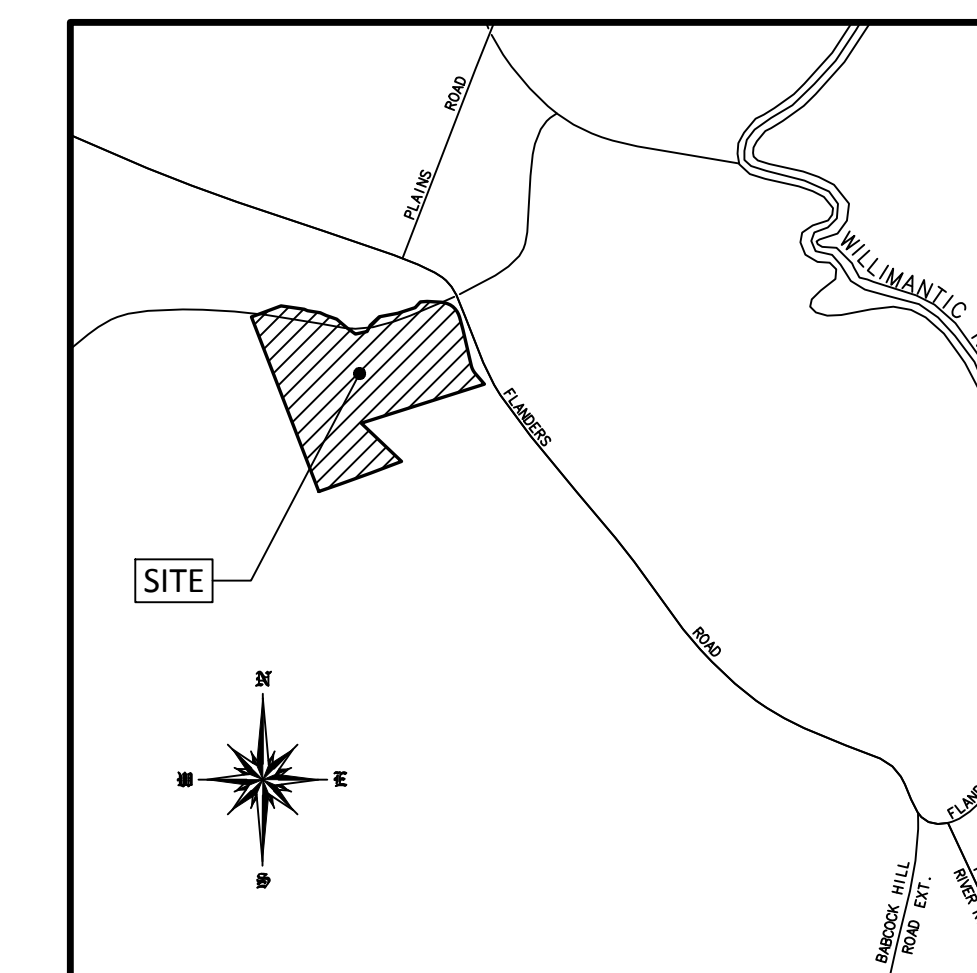


FLANDERS SUBDIVISION FLANDERS ROAD COVENTRY, CONNECTICUT



LOCATION MAP
SCALE: 1" = 1000'

SHEET INDEX:

COVER SHEET & INDEX	SHEET 1
SUBDIVISION PLAN	SHEET 2
E&S CONTROL PLAN AND TOPOGRAPHIC MAP	SHEET 3
GENERAL NOTES, DETAILS AND SOILS DATA	SHEET 4

OWNER/APPLICANT:
HEATHER D. SANSONE
467 FLANDERS ROAD
COVENTRY, CT. 06238

PROPERTY TOTAL AREA
662,339 SQ.FT.
15.21 ACRES

APPROVED
COVENTRY PLANNING & ZONING COMMISSION

CHAIRMAN / SECRETARY _____ DATE _____

THIS APPROVAL WILL EXPIRE ON _____

SEE COMMISSION MINUTES OF _____ FOR
SPECIFIC TERMS AND CONDITIONS OF APPROVAL

REYNOLDS ENGINEERING
SERVICES, LLC

63 NORWICH AVE.
COLCHESTER, CT 06415
(860) 516-0033

To my knowledge and belief, this map is substantially correct as noted hereon.

Mark A. Reynolds, P.E. CT LIC.# 19789
Certification is not valid without live signature and embossed (impression) type seal.

R
ROB HELLSSTROM
LAND SURVEYING LLC

Mailing Address:
P.O. BOX 378
HEBRON, CT. 06248
(860) 228-9853
(860) 228-1360 (FAX)

32 MAIN STREET
HEBRON, CT 06248
RHLSCT.COM
hellsstromsurveying@yahoo.com

FLANDERS SUBDIVISION
- PREPARED FOR -
HEATHER SANSONE
COVER SHEET & INDEX
467 FLANDERS ROAD

COVENTRY

CONNECTICUT

SHEET NO.: 1 OF 4
SCALE: AS NOTED

JOB NO.: 21-052
FILE NO.: 21-052_SUBPLAN

DATE: MAY 28, 2021
BY: AGS/SAM

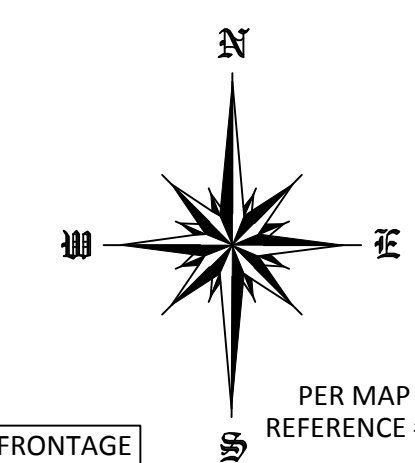
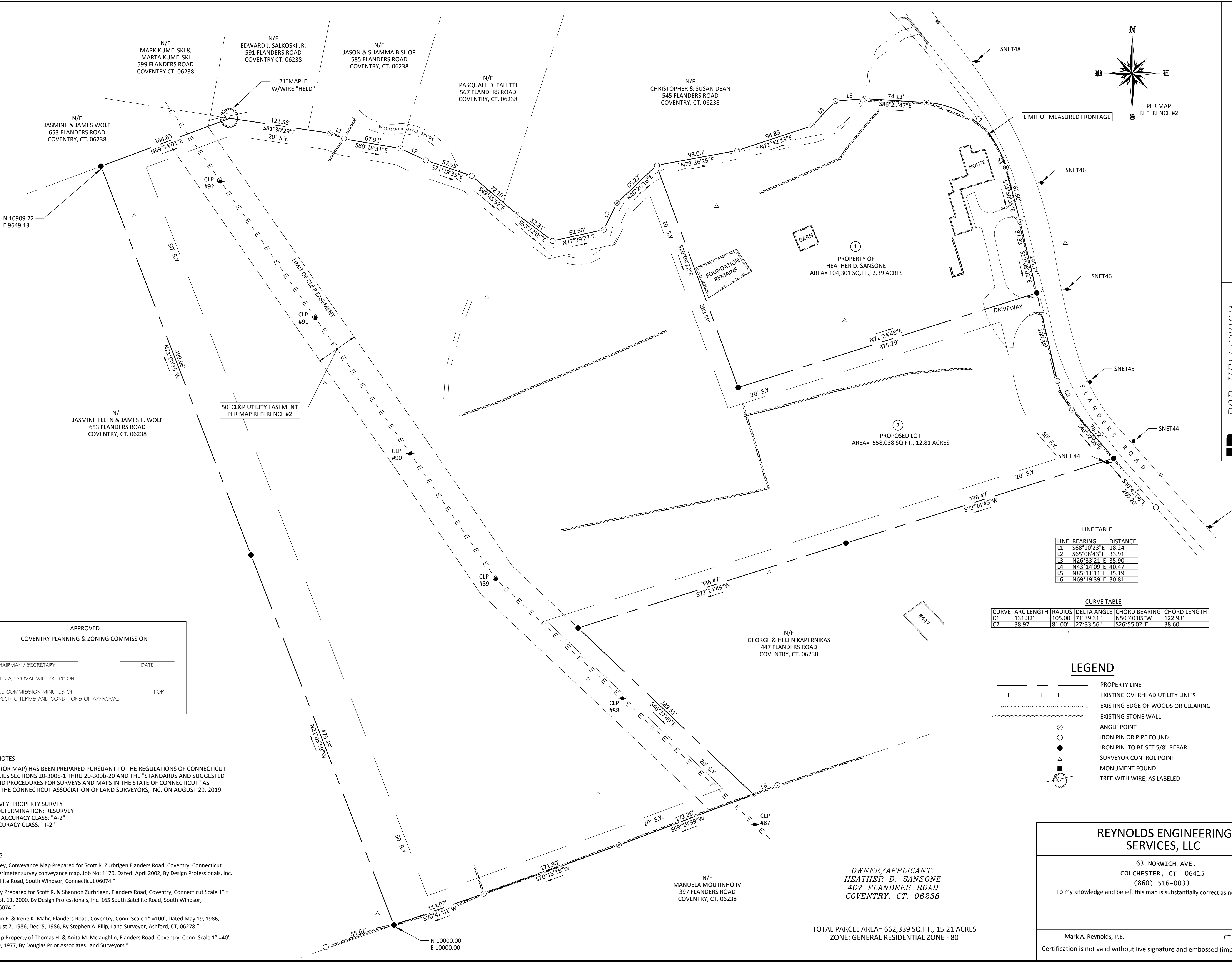
ALL RIGHTS RESERVED
ANY REPRODUCTION, POSSESSION OR USE OF THIS DRAWING OR ANY PART THEREOF
WITHOUT THE WRITTEN PERMISSION OF REYNOLDS ENGINEERING SERVICES, LLC IS PROHIBITED.
VIOLATORS WILL BE PROSECUTED TO THE FULL EXTENT OF THE LAW.

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS
SUBSTANTIALLY CORRECT AS NOTED HEREON.

THIS DRAWING IS NOT VALID UNLESS IT BEARS
AN ORIGINAL INK SIGNATURE AND EMBOSSED SEAL

ROBERT W. HELLSSTROM, L.L.S. #13626

NO.	DATE	DESCRIPTION
1	2/16/22	ADDITIONAL WETLANDS SHOWN
REVISIONS		



LINE TABLE

LINE	BEARING	DISTANCE
L1	S68°10'23"E	18.24'
L2	S65°08'43"E	33.91'
L3	N26°33'21"E	35.90'
L4	N43°14'09"E	40.47'
L5	N85°11'11"E	35.19'
L6	N69°19'39"E	30.81'

CURVE TABLE

CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C1	131.32'	105.00'	71°39'31"	N50°40'05"W	122.93'
C2	38.97'	81.00'	127°33'56"	S26°55'02"E	38.60'

LEGEND

- — — — — PROPERTY LINE
- - - - - EXISTING OVERHEAD UTILITY LINE'S
- ~~~~~ EXISTING EDGE OF WOODS OR CLEARING
- ===== EXISTING STONE WALL
- ⊗ ANGLE POINT
- IRON PIN OR PIPE FOUND
- IRON PIN TO BE SET 5/8" REBAR
- ▲ SURVEYOR CONTROL POINT
- MONUMENT FOUND
- ⊗ TREE WITH WIRE; AS LABELED

APPROVED
COVENTRY PLANNING & ZONING COMMISSION

CHAIRMAN / SECRETARY _____ DATE _____

THIS APPROVAL WILL EXPIRE ON _____

SEE COMMISSION MINUTES OF _____ FOR SPECIFIC TERMS AND CONDITIONS OF APPROVAL

MAP STANDARD NOTES

- THIS SURVEY (OR MAP) HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THRU 20-300b-20 AND THE "STANDARDS AND SUGGESTED METHODS AND PROCEDURES FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON AUGUST 29, 2019.

TYPE OF SURVEY: PROPERTY SURVEY
BOUNDARY DETERMINATION: RESURVEY
HORIZONTAL ACCURACY CLASS: "A-2"
VERTICAL ACCURACY CLASS: "T-2"

MAP REFERENCES

- "Perimeter Survey, Conveyance Map Prepared for Scott R. Zurbrigen Flanders Road, Coventry, Connecticut sheet 1 of 1, perimeter survey conveyance map, Job No: 1170, Dated: April 2002, By Design Professionals, Inc. 165 South Satellite Road, South Windsor, Connecticut 06074."
- "Property Survey Prepared for Scott R. & Shannon Zurbrigen, Flanders Road, Coventry, Connecticut Scale 1" = 110', Dated Sept. 11, 2000, By Design Professionals, Inc. 165 South Satellite Road, South Windsor, Connecticut, 06074."
- "Property of John F. & Irene K. Mahr, Flanders Road, Coventry, Conn. Scale 1" = 100', Dated May 19, 1986, Revised to August 7, 1986, Dec. 5, 1986, By Stephen A. Filip, Land Surveyor, Ashford, CT, 06278."
- "Subdivision Map Property of Thomas H. & Anita M. McLaughlin, Flanders Road, Coventry, Conn. Scale 1" = 40', Dated August 9, 1977, By Douglas Prior Associates Land Surveyors."

OWNER/APPLICANT:
HEATHER D. SANSONE
467 FLANDERS ROAD
COVENTRY, CT. 06238

TOTAL PARCEL AREA= 662,339 SQ.FT., 15.21 ACRES
ZONE: GENERAL RESIDENTIAL ZONE - 80

REYNOLDS ENGINEERING SERVICES, LLC

63 NORWICH AVE.
COLCHESTER, CT 06415
(860) 516-0033

To my knowledge and belief, this map is substantially correct as noted hereon.

Mark A. Reynolds, P.E. CT LIC.# 19789

Certification is not valid without live signature and embossed (impression) type seal.

FLANDERS SUBDIVISION
- PREPARED FOR -
HEATHER SANSONE
SUBDIVISION PLAN
467 FLANDERS ROAD

ROB HELSTROM
LAND SURVEYING LLC

Mailing Address:
P.O. BOX 378
HEBRON, CT. 06248
(860) 228-9853
(860) 228-1360 (FAX)
HEBRON, CT 06248
helstromsurveying@yahoo.com

32 MAIN STREET

CONNECTICUT
JOB NO.: 21-052
FILE NO.: 21-052_BNDY

COVENTRY
SHEET NO.: 2 OF 4
SCALE: 1" = 50'
BY: AGS/SAM
DATE: MAY 28, 2021

NO.	DATE	REVISIONS	DESCRIPTION
1	2/16/22		ADDITIONAL WETLANDS SHOWN

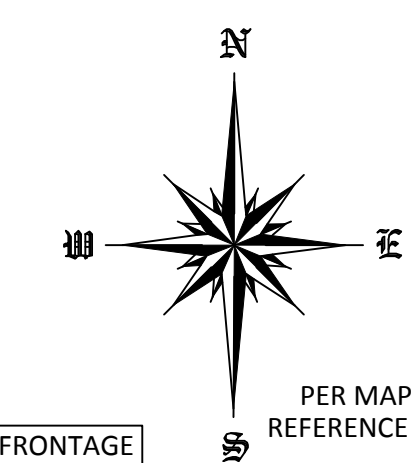
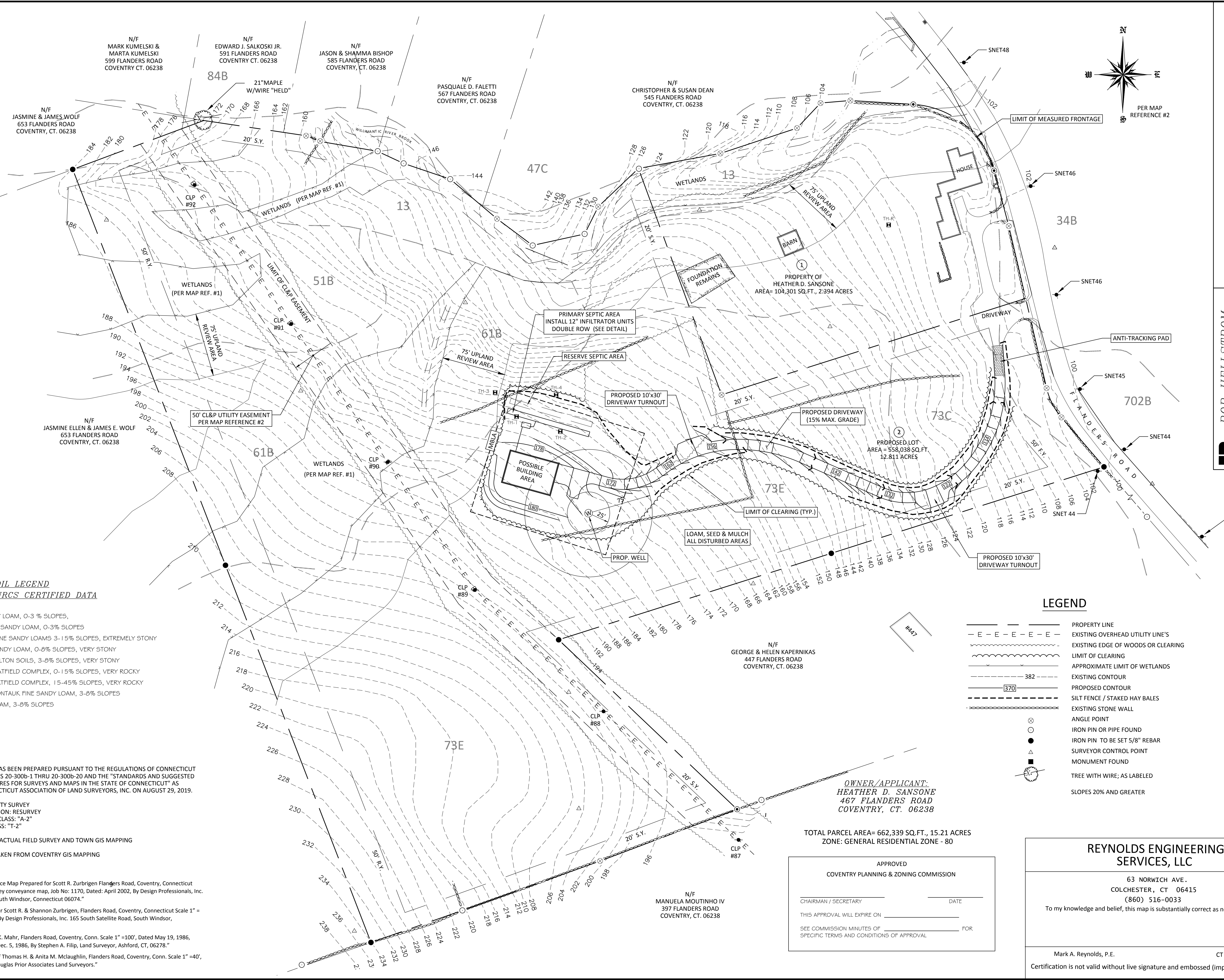
ADDITIONAL WETLANDS SHOWN

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

THIS DRAWING IS NOT VALID UNLESS IT BEARS AN ORIGINAL INK SIGNATURE AND EMBOSSED SEAL

ROBERT W. HELSTROM, L.S. #13626

GRAPHIC SCALE
1 inch = 50 ft.
0' 50' 100'



SOIL LEGEND
CT USDA-NRCS CERTIFIED DATA

13	WALPOLE SANDY LOAM, 0-3% SLOPES,
34B	MERRIMAC FINE SANDY LOAM, 0-3% SLOPES
47C	WOODBIDGE FINE SANDY LOAMS 3-15% SLOPES, EXTREMELY STONY
51B	SUTTON FINE SANDY LOAM, 0-8% SLOPES, VERY STONY
61B	CANTON # CHARLTON SOILS, 3-8% SLOPES, VERY STONY
73C	CHARLTON - CHATFIELD COMPLEX, 0-15% SLOPES, VERY ROCKY
73E	CHARLTON - CHATFIELD COMPLEX, 15-45% SLOPES, VERY ROCKY
84B	PAXTON AND MONTAUK FINE SANDY LOAM, 3-8% SLOPES
702B	TISBURY SILT LOAM, 3-8% SLOPES

MAP STANDARD NOTES

- THIS SURVEY (OR MAP) HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THRU 20-300b-20 AND THE "STANDARDS AND SUGGESTED METHODS AND PROCEDURES FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON AUGUST 29, 2019.

TYPE OF SURVEY: PROPERTY SURVEY
BOUNDARY DETERMINATION: RESURVEY
HORIZONTAL ACCURACY CLASS: "A-2"
VERTICAL ACCURACY CLASS: "T-2"

- TOPOGRAPHY BASED ON ACTUAL FIELD SURVEY AND TOWN GIS MAPPING
- WETLANDS LOCATION TAKEN FROM COVENTRY GIS MAPPING

MAP REFERENCES

- "Perimeter Survey, Conveyance Map Prepared for Scott R. Zurbrigen Flanders Road, Coventry, Connecticut sheet 1 of 1, perimeter survey conveyance map, Job No: 1170, Dated: April 2002, By Design Professionals, Inc. 165 South Satellite Road, South Windsor, Connecticut 06074."
- "Property Survey Prepared for Scott R. & Shannon Zurbrigen, Flanders Road, Coventry, Connecticut Scale 1" = 110', Dated Sept. 11, 2000, By Design Professionals, Inc. 165 South Satellite Road, South Windsor, Connecticut, 06074."
- "Property of John F. & Irene K. Mahr, Flanders Road, Coventry, Conn. Scale 1" = 100', Dated May 19, 1986, Revised to August 7, 1986, Dec. 5, 1986, By Stephen A. Filip, Land Surveyor, Ashford, CT, 06278."
- "Subdivision Map Property of Thomas H. & Anita M. McLaughlin, Flanders Road, Coventry, Conn. Scale 1" = 40', Dated August 9, 1977, By Douglas Prior Associates Land Surveyors."

LEGEND

---	PROPERTY LINE
- - - - -	EXISTING OVERHEAD UTILITY LINE'S
---	EXISTING EDGE OF WOODS OR CLEARING
---	LIMIT OF CLEARING
---	APPROXIMATE LIMIT OF WETLANDS
---	EXISTING CONTOUR
---	PROPOSED CONTOUR
---	SILT FENCE / STAKED HAY BALES
---	EXISTING STONE WALL
○	ANGLE POINT
●	IRON PIN OR PIPE FOUND
●	IRON PIN TO BE SET 5/8" REBAR
▲	SURVEYOR CONTROL POINT
▲	MONUMENT FOUND
○	TREE WITH WIRE; AS LABELED
○	SLOPES 20% AND GREATER

OWNER/APPLICANT:
HEATHER D. SANSONE
467 FLANDERS ROAD
COVENTRY, CT. 06238

TOTAL PARCEL AREA= 662,339 SQ.FT., 15.21 ACRES
ZONE: GENERAL RESIDENTIAL ZONE - 80

APPROVED
COVENTRY PLANNING & ZONING COMMISSION

CHAIRMAN / SECRETARY _____ DATE _____

THIS APPROVAL WILL EXPIRE ON _____

SEE COMMISSION MINUTES OF _____ FOR
SPECIFIC TERMS AND CONDITIONS OF APPROVAL

REYNOLDS ENGINEERING SERVICES, LLC

63 NORWICH AVE.
COLCHESTER, CT 06415
(860) 516-0033

To my knowledge and belief, this map is substantially correct as noted herein.

Mark A. Reynolds, P.E. CT LIC.# 19789

Certification is not valid without live signature and embossed (impression) type seal.

REVISIONS

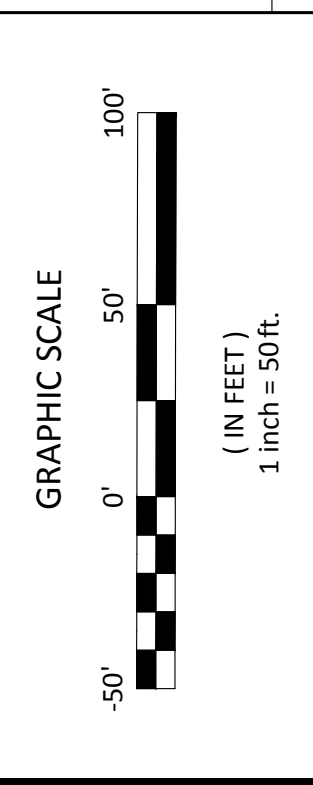
NO.	DATE	DESCRIPTION
1	2/16/22	ADDITIONAL WETLANDS SHOWN

ALL RIGHTS RESERVED.
ANY REPRODUCTION, POSSESSION OR USE OF THIS DRAWING OR ANY PART THEREOF WITHOUT THE WRITTEN PERMISSION OF REYNOLDS ENGINEERING SERVICES, LLC IS PROHIBITED.
VIOLATORS WILL BE PROSECUTED TO THE FULL EXTENT OF THE LAW.

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

THIS DRAWING IS NOT VALID UNLESS IT BEARS AN ORIGINAL INK SIGNATURE AND EMBOSSED SEAL.

ROBERT W. HELLSSTROM, L.L.S. #136226



FLANDERS SUBDIVISION
- PREPARED FOR -
HEATHER SANSONE
EROSION & SEDIMENTATION CONTROL PLAN AND TOPOGRAPHIC MAP
467 FLANDERS ROAD
COVENTRY CONNECTICUT

ROB HELLSSTROM
LAND SURVEYING LLC

Mailing Address:
P.O. BOX 378
HEBRON, CT. 06248
(860) 228-9853
(860) 228-1380 (FAX)
HEBRON, CT 06248
hellsstromsurveying@yahoo.com

32 MAIN STREET

DATE: MAY 28, 2021

BY: AGS/SAM

SHEET NO.: 3 OF 4

JOB NO.: 21-052

SCALE: 1" = 50'

FILE NO.: 21-052_SUBPLAN

SOILS INFORMATION

TEST PIT DATA

Eastern Highlands Health District
Observed By: Glenn Bagdoian

Mark A. Reynolds, P.E.

467 Flanders Road - 5/04/2021

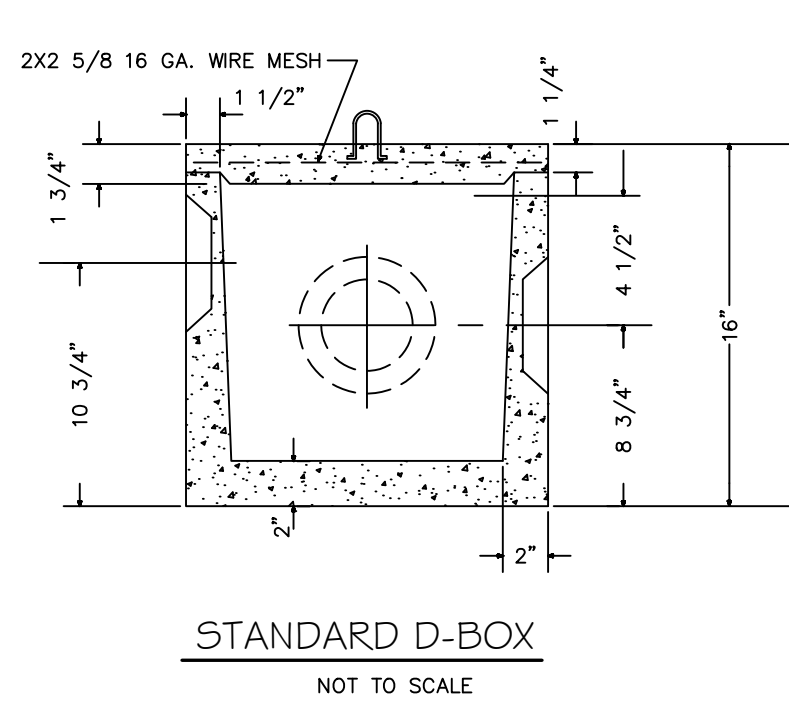
TP#1
0-6" Topsoil
6-24" Brown Fine Sandy Loam
24-40" Grey Dark Sandy Till
Mottling: None Noted
Groundwater: None Noted
Ledge - Rocks @ 40"
Roots: None Noted

TP#2
0-5" Topsoil
5-30" Brown Fine Sandy Loam
30-78" Grey Compact Sandy Till
Mottling @ 37"
Groundwater: None Noted
Ledge: None Noted
Roots: 30"

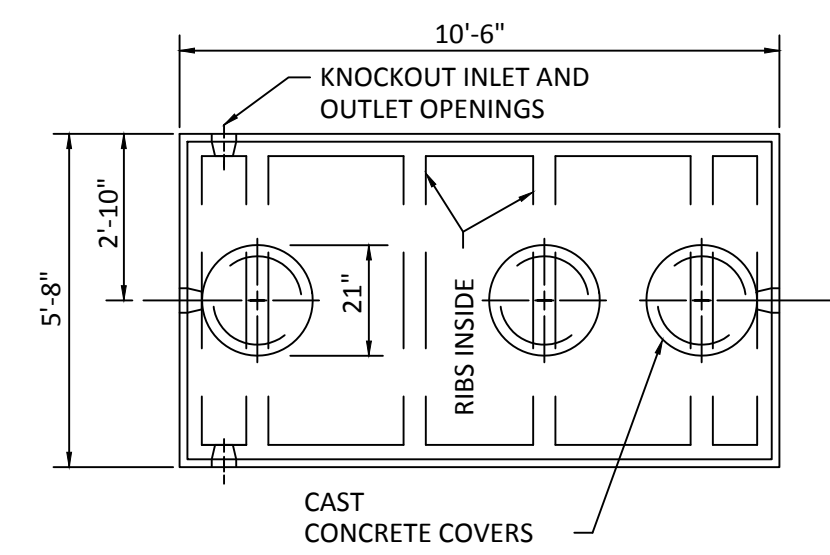
TP#3
0-4" Organics Topsoil
4-15" Brown Sandy Loam
15-37" Tan Sandy Loam
37-74" Grey Sandy Till
Mottling: 37"
Groundwater: None Noted
Ledge: None Noted
Roots: 37"

TP#4
0-4" Organics Topsoil
4-18" Brown Fine Sandy Loam
18-40" Tan Sandy Loam
40-80" Grey Sandy Loam Compact
Mottling: 40"
Groundwater: None Noted
Ledge: None Noted
Roots: 40"

TP#R (Existing House Reserve Area)
0-5" Organics Topsoil
5-15" Brown Sandy Loam
15-32" Tan Sandy Loam
32-48" Grey Compact Sandy Loam - Mottled
48-88" Grey Compact Sandy Till
Mottling: 32"
Groundwater: None Noted
Ledge: None Noted
Roots: 32"

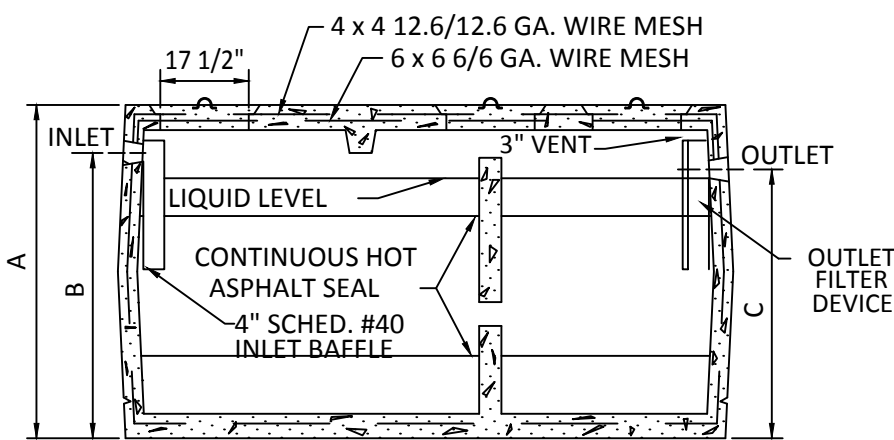


STANDARD D-BOX
NOT TO SCALE



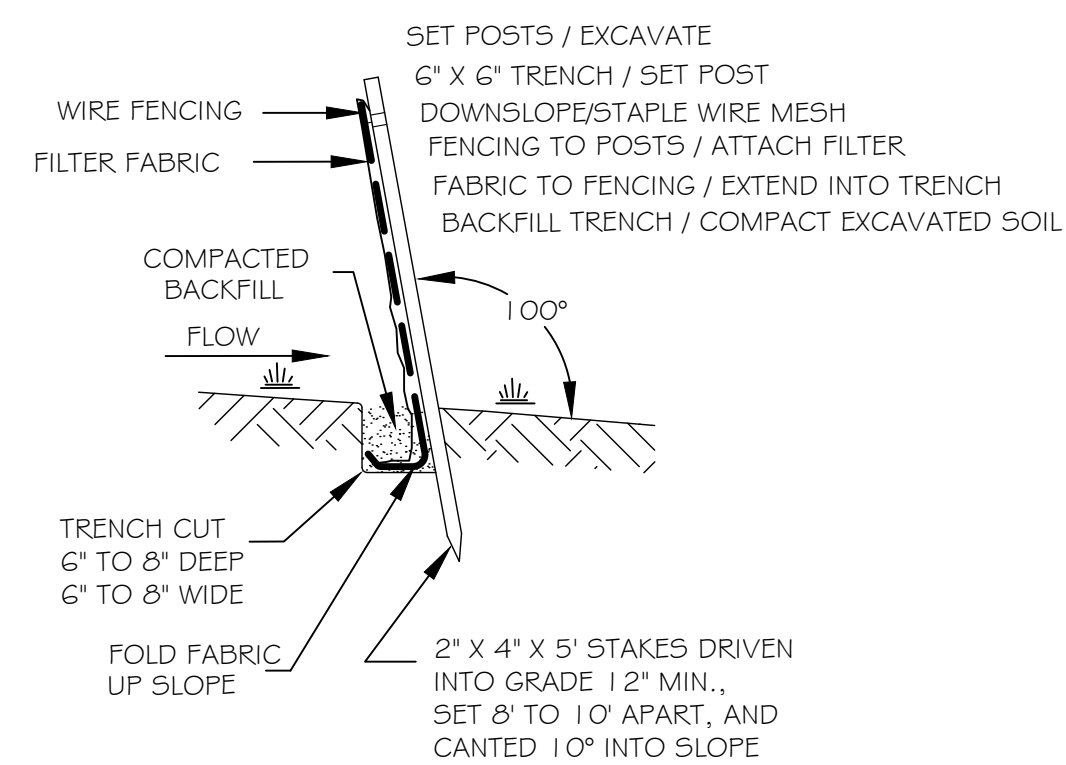
PLAN

CAPACITIES	A	B	C
1250 GAL	61"	51"	48"
1500 GAL	69"	59"	56"

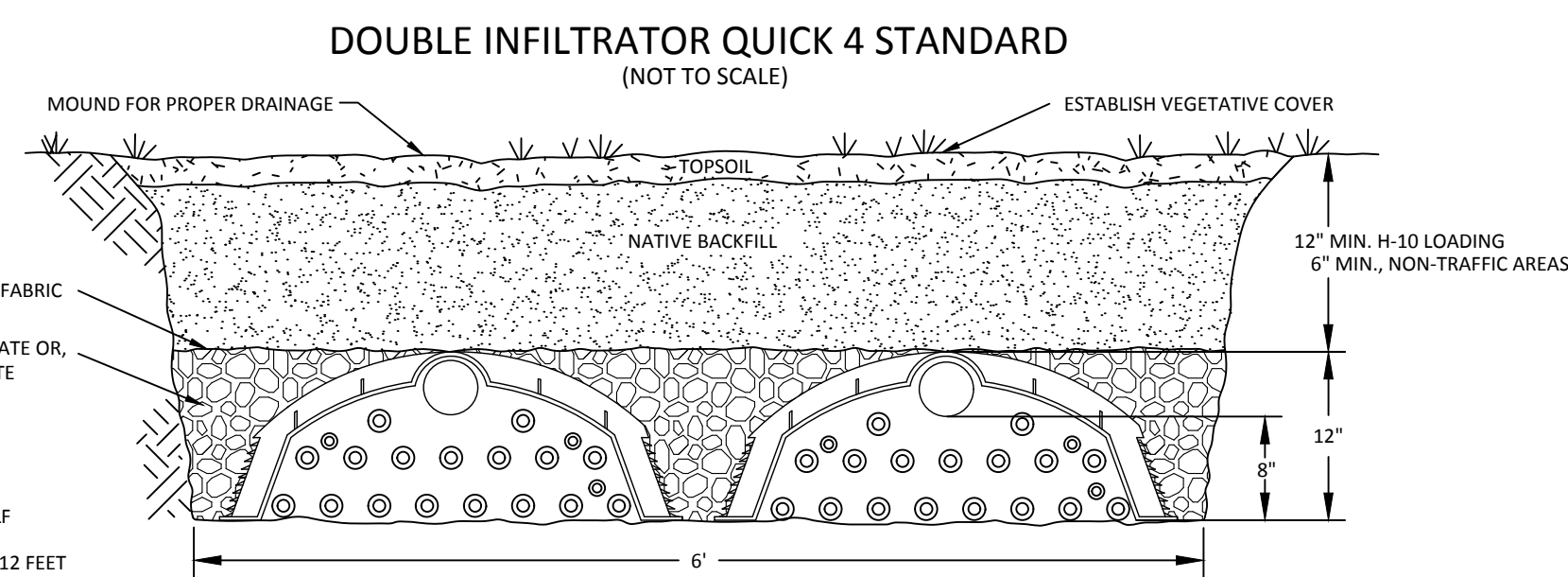


CROSS SECTION

**1250/1500 GALLON
2 COMPARTMENT
SEPTIC TANK**
NOT TO SCALE



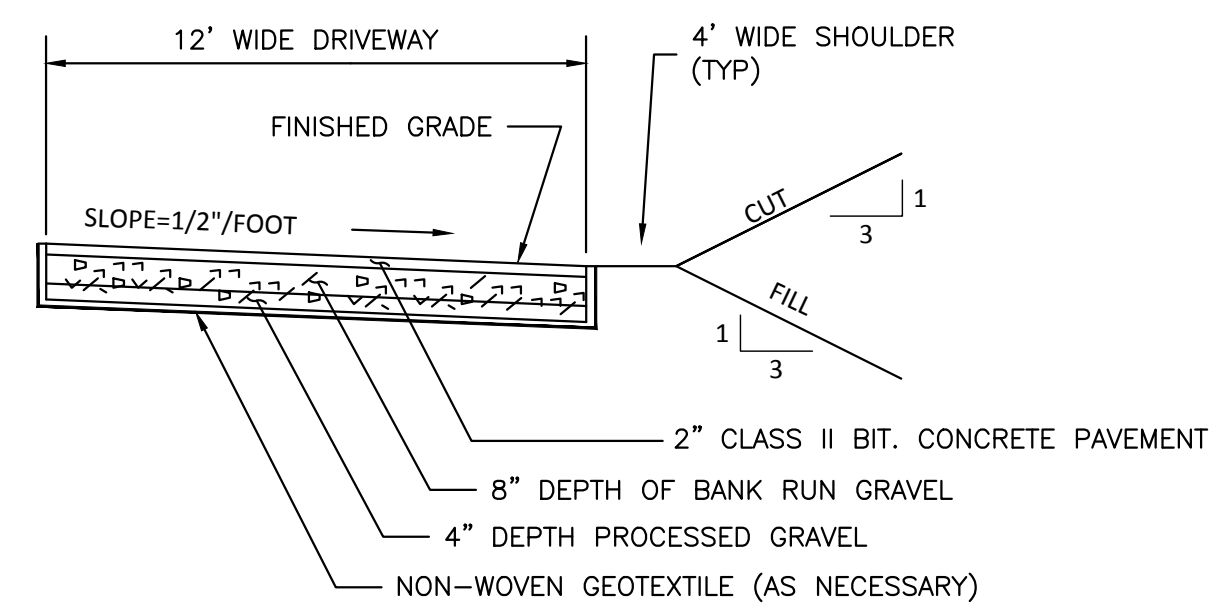
SILT FENCE DETAIL
(NOT TO SCALE)



NOTES:
- EFFECTIVE LEACHING AREA = 5.9 SQ FT/LF
- CENTER-TO-CENTER TRENCH SPACING = 12 FEET
- INSTALL INFILTRATORS ACCORDING TO MANUFACTURER'S CURRENT INSTALLATION INSTRUCTIONS

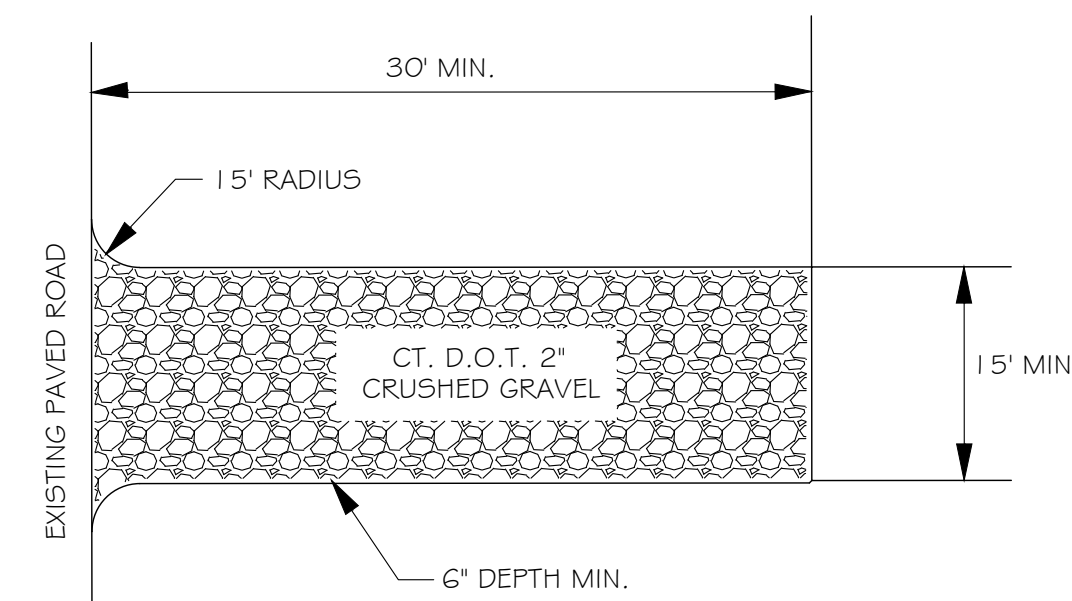
EROSION & SEDIMENT CONTROL NOTES:

- ALL EROSION & SEDIMENT CONTROL MEASURES TO BE CONSTRUCTED AS DETAILED AND SPECIFIED IN THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL JANUARY 2002 AS AMENDED.
- ALL EROSION & SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION, PROPERLY MAINTAINED DURING CONSTRUCTION AND REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN PROPERLY STABILIZED. AFTER INSTALLATION OF THE INITIALLY PRESCRIBED MEASURES, ADDITIONAL MEASURES MAY BE REQUIRED TO ADDRESS FIELD CONDITIONS AS ORDERED BY THE TOWN OF COVENTRY OR ITS DESIGNATED AGENT(S).
- THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EXPOSED. THE EXPOSURE SHOULD BE THE SHORTEST PERIOD OF TIME. WHEN NECESSARY, TEMPORARY VEGETATION AND/OR MULCHING SHOULD BE USED TO PROTECT EXPOSED AREAS. FINAL VEGETATION SHOULD BE INSTALLED AS SOON AS POSSIBLE. WHEREVER FEASIBLE NATURAL VEGETATION SHOULD BE RETAINED AND PROTECTED.
- THE STOCKPILING OF BUILDING MATERIALS SHALL BE WITHIN THE AREA OF DISTURBANCE.
- SEEDBED PREPARATION: FINE GRADE AND RAKE SOIL TO REMOVE ANY STONES LARGER THAN 2 INCHES. INSTALL ANY NEEDED EROSION CONTROL DEVICES SUCH AS SURFACE WATER DIVERSIONS. APPLY LIMESTONE AT A RATE OF TWO TONS PER ACRE OR 90 POUNDS PER 1000 SQUARE FEET. FERTILIZE WITH 10-10-10 AT A RATE OF 11 POUNDS PER 100 SQUARE FEET. WORK LIME AND FERTILIZER INTO THE SOIL TO A DEPTH OF FOUR INCHES.
- SEED APPLICATION: APPLY SHADE TOLERANT GRASS MIXTURE BY HAND, CYCLONE SEEDER OR HYDROSEEDER. SEEDING SHALL BE DONE BETWEEN APRIL 1 AND JUNE 1 OR BETWEEN AUGUST 15 AND SEPTEMBER 1. IF SEEDING CANNOT BE DONE DURING THESE TIMES, REPEAT MULCHING PROCEDURE UNTIL SEED CAN BE DONE.
- ESTABLISH PERMANENT VEGETATION USING A SEED MIXTURE OF:
KENTUCKY BLUEGRASS 20 LBS/ACRE
CREEPING RED FESCUE 20 LBS/ACRE
PERENNIAL RYE GRASS 5 LBS/ACRE
TOTAL 45 LBS/ACRE
THE RECOMMENDED DATES FOR SEEDING ARE APRIL 1 THROUGH JUNE 1 AND AUGUST 15 THROUGH SEPTEMBER 1.
- MULCHING: IMMEDIATELY FOLLOWING SEEDING, MULCH THE SEEDING SURFACE WITH STRAW OR HAY AT A RATE OF 1.5 TO 2 TONS PER ACRE. MULCH SHALL BE SPREAD BY HAND OR WITH A MULCH BLOWER. PUNCH MULCH INTO SOIL SURFACE APPROXIMATELY TWO TO THREE INCHES.



DRIVEWAY INSTALLATION DETAIL

NOT TO SCALE



ANTI-TRACKING PAD DETAIL

NOT TO SCALE

DESIGN NOTES:

- ALL CONSTRUCTION TO CONFORM TO STANDARDS OF THE CONNECTICUT PUBLIC HEALTH CODE AND TO THE SATISFACTION OF THE TOWN SANITARIAN.
- PERCOLATION RATE FOR DESIGN: LESS THAN 10.1 min./inch DEPTH TO RESTRICTIVE LAYER: 37"
- REQUIRED LEACHING AREA FOR 4 BEDROOM HOUSE = 577.5 SF ELA
ELA PROVIDED = 5.9 SF/LF x 100 LF = 590.0 SF ELA
- DESIGN: USE 100 LF OF 12" HIGH DOUBLE INFILTRATOR UNITS
ELA PROVIDED = 5.9 SF/LF x 100 LF = 590.0 SF ELA
- THIS SYSTEM HAS NOT BEEN DESIGNED FOR THE USE OF LARGE CAPACITY (+100 GALLONS), DISCHARGE TYPE BATHTUBS. RESIDENTIAL GARBAGE DISPOSALS ARE NOT ANTICIPATED FOR THIS DESIGN. IN THE EVENT THAT SUCH AN INSTALLATION IS CONTEMPLATED FOR THE PROPOSED HOUSE, A LARGER SEPTIC TANK AND INCREASED LEACHING FIELD CAPACITY WILL BE REQUIRED.
- THE DESIGN SHOWN HEREON CONFORMS TO ALL APPLICABLE STATE AND LOCAL HEALTH CODE REQUIREMENTS AND TO GOOD ENGINEERING PRACTICE. I CAN NOT GUARANTEE AGAINST FAILURE DUE TO IMPROPER INSTALLATION, IMPROPER MAINTENANCE OR TO NATURAL PHENOMENA BEYOND THE SCOPE OF NORMAL FIELD INVESTIGATION.

SEPTIC SYSTEM CONSTRUCTION NOTES:

- CONSTRUCTION SEQUENCE
A. STRIP & STOCKPILE TOPSOIL FROM LEACHING AREA.
B. CONSTRUCT LEACHING UNITS TO DESIGN LINE & GRADE.
C. CONSTRUCT PERCOLATION TRENCHES TO DESIGN LINE & GRADE.
D. LOAM, FINE GRADE TO FINISHED GRADE AND SEED. PROTECT DISTURBED AREAS WITH EROSION CONTROLS UNTIL FIRST MOWING.
- THE PIPE BETWEEN THE HOUSE AND SEPTIC TANK SHALL BE 4 IN. EXTRA HEAVY CAST IRON, DUCTILE IRON OR EXTRA STRENGTH PVC ASTM D1785 SCHD 40 OR APPROVED EQUAL.
- ALL DISTRIBUTION PIPE IS TO BE ASTM D3034 SDR 35 (4" PVC) OR APPROVED EQUAL UNLESS NOTED.
- SEPTIC TANK SHALL BE SET LEVEL ON A MINIMUM OF 6" OF PROCESSED GRAVEL OR BROKEN STONE ON COMPACTED SUBGRADE.
- THERE ARE NO APPARENT WELLS OR SEPTIC FIELDS WITHIN 75' OF THE PROPOSED WELL AND SEPTIC SYSTEM AS SHOWN ON THIS PLAN.
- APPROVED STONE AGGREGATE FOR LEACHING TRENCHES SHALL BE BROKEN STONE, CRUSHED STONE, OR SCREENED GRAVEL MEETING CT DOT FROM 814A SPECIFICATION FOR M.01.01 FOR NO. 4 STONE:

SIEVE SIZE	NO. 4 STONE AGGREGATE (A.K.A., 1 & 1/4" STONE)		NO. 6 STONE AGGREGATE (A.K.A., 3/4" STONE)	
	PERCENT PASSING (BY WEIGHT)		PERCENT PASSING (BY WEIGHT)	
2-INCH	100		N/A	
1 1/2-INCH	90-100		N/A	
1-INCH	20-55		100	
3/4-INCH	0-15		90-100	
1/2-INCH	N/A		20-55	
3/8-INCH	0-5		0-15	
#4	N/A		0-5	

- THE DEPTH OF THE LEACHING UNITS SHALL NOT EXCEED 19" INTO ORIGINAL GRADE.
- THE LOCATION AND ELEVATION OF THE PROPOSED SEPTIC SYSTEM SHALL BE STAKED IN THE FIELD BY A LICENSED LAND SURVEYOR. BENCHMARK TO BE SET IN THE VICINITY OF THE LEACH FIELD AT THE TIME OF STAKEOUT.

LEACHING SYSTEM CONSTRUCTION NOTES:

- TOPSOIL TO BE STRIPPED OFF PRIOR TO FILLING. FILL MATERIAL 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 SHALL NOT CONTAIN ANY MATERIAL LARGER THAN 3 INCHES.
B. THE FILL SHALL NOT CONTAIN MORE THAN 45 PERCENT GRAVEL (GRAVEL IS BETWEEN NO. 4 & 3" SIEVES) NO MORE THAN 45 PERCENT OF THE MATERIAL CAN BE RETAINED ON THE NO. 4 SIEVE.
C. THE FILL LESS THE GRAVEL SHALL MEET THE FOLLOWING GRADATION CRITERIA:

SIEVE SIZE:	#4	#10	#40	#100	#200
% PASSING: WET SEIVE	100	70-100	**10-50	0-20	0-5
% PASSING: DRY SEIVE	100	70-100	10-75	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%.
- DOCUMENTATION OF TEST RESULTS ARE TO BE PROVIDED TO THE HEALTH DISTRICT.
- 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. 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.

OWNER/APPLICANT:
HEATHER D. SANSONE
467 FLANDERS ROAD
COVENTRY, CT. 06238

REYNOLDS ENGINEERING SERVICES, LLC

63 NORWICH AVE.
COLCHESTER, CT 06415
(860) 516-0033
To my knowledge and belief, this map is substantially correct as noted hereon.

Mark A. Reynolds, P.E. CT LIC.# 19789
Certification is not valid without live signature and embossed (impression) type seal.

APPROVED
COVENTRY PLANNING & ZONING COMMISSION

CHAIRMAN / SECRETARY _____ DATE _____
THIS APPROVAL WILL EXPIRE ON _____
SEE COMMISSION MINUTES OF _____ FOR SPECIFIC TERMS AND CONDITIONS OF APPROVAL

ROB HELSTROM
LAND SURVEYING LLC
Mailing Address:
P.O. BOX 378
HEBRON, CT. 06248
(860) 228-9853
(860) 228-1380 (FAX)
HEBRON, CT 06248
helstromsurveying@yahoo.com

ALL RIGHTS RESERVED.
ANY REPRODUCTION, POSSESSION OR USE OF THIS DRAWING OR ANY PART THEREOF WITHOUT THE WRITTEN PERMISSION OF THE DESIGNER IS PROHIBITED.
VIOLATORS WILL BE PROSECUTED TO THE FULL EXTENT OF THE LAW.

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.
THIS DRAWING IS NOT VALID UNLESS IT BEARS AN ORIGINAL INK SIGNATURE AND EMBOSSED SEAL.
ROBERT W. HELSTROM, L.S. #13626

CONNECTICUT
JOB NO.: 21-052
FILE NO.: 21-052_SUBPLAN

COVENTRY
SHEET NO.: 4 OF 4
SCALE: AS NOTED
DATE: MAY 28, 2021
BY: AGS/SAM

NO.	DATE	DESCRIPTION
1	2/16/22	ADDITIONAL WETLANDS SHOWN

REVISIONS