

**VICINITY MAP**

SCALE: 1"=1000'

# LONG HILL ESTATES RESIDENTIAL SUBDIVISION

## 53 LONG HILL ROAD EAST HAMPTON, CONNECTICUT

### INLAND WETLANDS AND PLANNING & ZONING APPLICATION

SUMMARY CHART									
53 LONG HILL ROAD, EAST HAMPTON CT									
PARCEL SIZE	884,000 S.F. or 20.29 Acres	ZONING DISTRICT	R-2 RESIDENTIAL ZONE						
ASSESSOR'S LOCATION	06 / 12 / 08	PROPOSED USE	Single Family Lots						
ZONING SUMMARY									
ITEM	REQUIRED BY CODE (SEPTIC)	PROVIDED							
		LOT #1	LOT #2 *	LOT #3 *	LOT #4	LOT #5	LOT #6 *	LOT #7	LOT #8
MIN. LOT AREA (S.F.)	60,000 S.F.	60,047 S.F.	122,436 S.F.	125,708 S.F.	60,130 S.F.	60,269 S.F.	121,089 S.F.	78,325 S.F.	108,840 S.F.
MIN. LOT WIDTH	150'	156.1'	215.0'	179.0'	161.8'	151.0'	289.1'	222.2'	150.0'
MIN. LOT DEPTH	200'	343.9'	455.8'	557.6'	372.7'	391.3'	389.2'	415.8'	660'
MIN. LOT FRONTAGE	100'	151.15'	25.0'	25.0'	162.58'	151.01'	25.0'	234.17'	150.00'
BUILDING SETBACK									
FRONT	50'	50' +	50' +	50' +	50' +	50' +	50' +	50' +	50' +
SIDE	25'	25' +	25' +	25' +	25' +	25' +	25' +	25' +	25' +
REAR	50'	50' +	50' +	50' +	50' +	50' +	50' +	50' +	50' +
MAX. BUILDING HEIGHT	30'	< 30'	< 30'	< 30'	< 30'	< 30'	< 30'	< 30'	< 30'
MAX. BUILDING COVERAGE	10%	< 10%	< 10%	< 10%	< 10%	< 10%	< 10%	< 10%	< 10%

\* - LOTS ARE "INTERIOR" LOTS REQUIRING 2X MIN LOT AREA AND ONLY REQUIRE 25' OF FRONTAGE

**Project Narrative**

This project proposes to subdivide the existing R-2 zoned, 20.29 acre parcel into 8 Single family residential lots meeting all Zoning, Subdivision, Inland Wetland and Health Department regulations. Additionally there are 4 parcels being conveyed to property abutters. These parcels are located on the east side of the subject parcel.

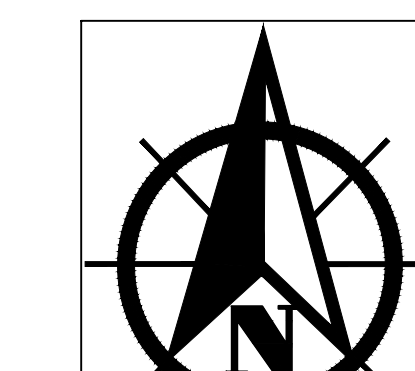
**INDEX OF DRAWINGS**

- CV-1 COVER SHEET
- EX-1 & EX-2 BOUNDARY AND TOPOGRAPHIC SURVEY
- SP-1, SP-2 SUBDIVISION PLAN
- GU-1 GRADING AND EROSION CONTROL PLAN
- TD-1 TESTING DATA PLAN
- D-1 DETAIL SHEET
- D-2 SIGHT LINE PROFILES AND DETAIL

**Soil Scientist:**

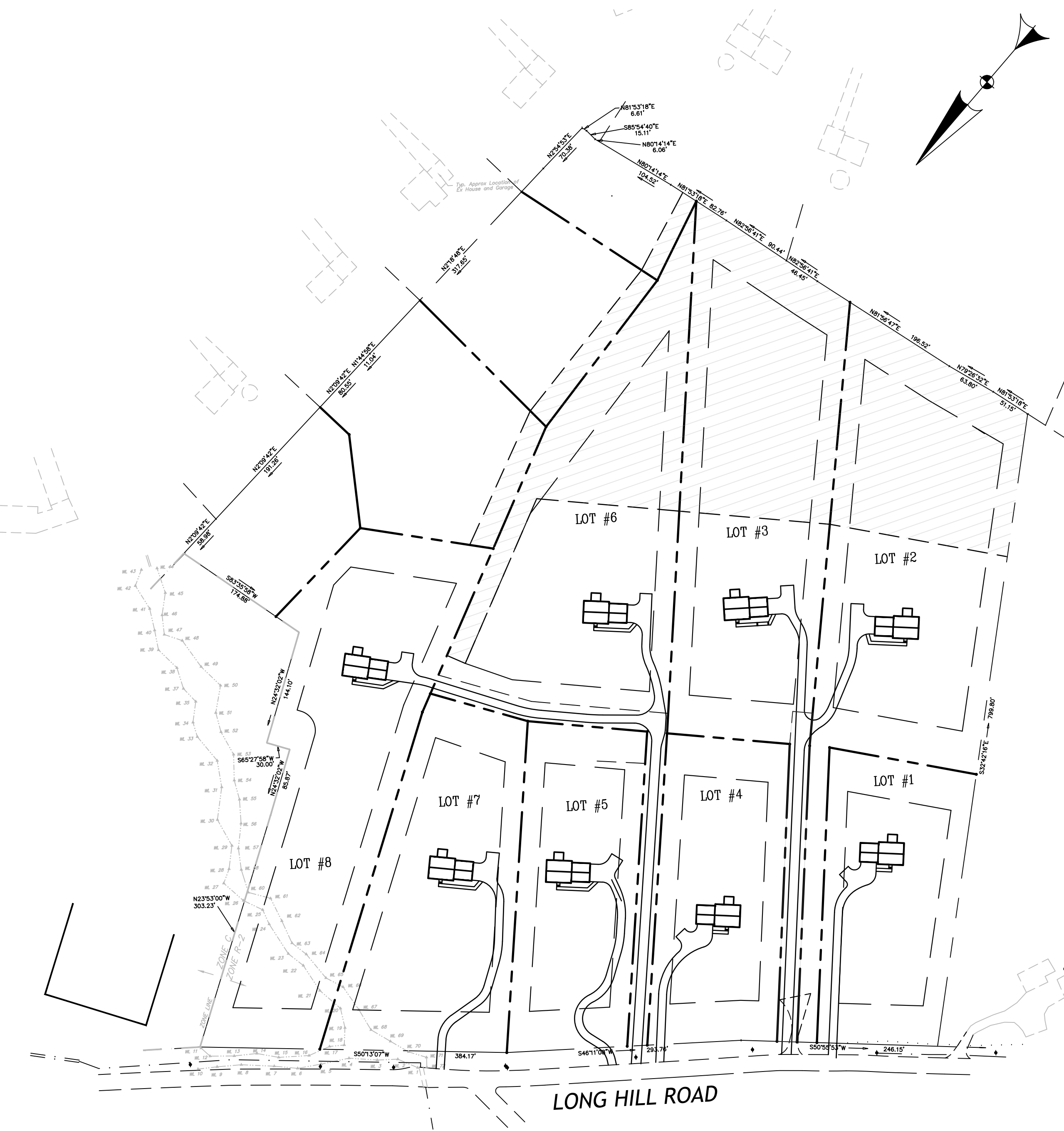
James Sipperly, Certified Soil Scientist  
401 Salem Turnpike, Bozrah CT 06334  
Phone: 860-334-7073

**Surveyor:**



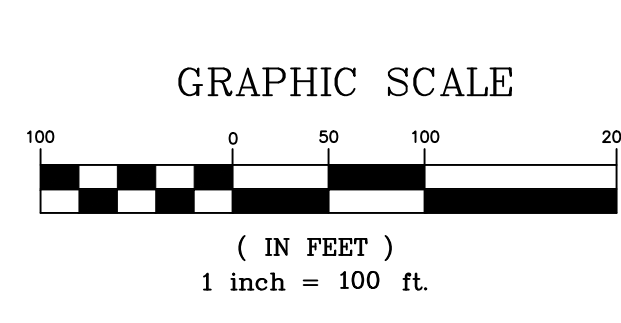
**CT LAND SURVEYING, LLC**  
SBE 1 MBE CERTIFIED  
LAND SURVEYING / LAND PLANNING  
CT LAND SURVEYING, LLC  
58 OLD TAVERN ROAD  
ORANGE, CT 06477  
P: (203) 503-1193  
FAX: (203) 404-0411  
EMAIL: JSONIZ@YAHOO.COM

**RECEIVED**  
**5.5.2021**  
**East Hampton**  
**Land Use Office**



**OVERALL SITE PLAN**

SCALE: 1"=100'



Approved by the East Hampton Planning & Zoning Commission  
Final Approval \_\_\_\_\_ Chairman  
Date: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_

Per Section 8-26c of the Connecticut General Statutes, as amended, approval automatically expires \_\_\_\_\_ if all physical improvements required by this plan are not completed by that date.

The Subdivision Regulations of the Town of East Hampton Planning and Zoning Commission are a part of this plan. Approval of this plan is contingent on completion of the requirements of said regulations, excepting any variances or modifications made by the Commission. Any Such Variances or modifications are on file in the office of the Commission.

**PROPERTY OWNER/APPLICANT:**  
Long Hill Estates, LLC  
244 Middletown Ave  
East Hampton, CT 06424

#	DATE	DESCRIPTION
3	4/25/21	ADDRESS STAFF COMMENTS
2	4/22/21	ADD OPEN SPACE/DETENTION
1	4/5/21	LOT #8 ADDED
		REVISIONS

**COVER SHEET**

**LONG HILL ESTATES**  
**53 LONG HILL ROAD**  
**EAST HAMPTON, CONNECTICUT**

*Robert V. Baltramaitis, P.E.*  
**27 Tammy Hill Road**  
**Wallingford, Connecticut 06492**  
**(203) 915-8301**

DATE: 3/17/2021    SCALE: 1" = 40'    SHT #: CV-1

MATCH LINE SEE SHEET EX-2

**SURVEY NOTES**

- This Map has been prepared pursuant to the Regulation of Connecticut State Agencies Section 20-300b-1 through 20-300b-20 and the "Standards for Surveys and Maps in the State of Connecticut as adopted by the Connecticut Association of Land Surveyors, Inc. on Sept. 26, 1996.
- This Survey conforms to Class A-2.
- The Type of survey performed is a Limited Property / Boundary Survey, and is intended to be Improvement Location Survey.
- Boundary determination is based upon a Dependent Resurvey (see MAP REFERENCES and Record Deeds.)
- North Arrow is based on Map Reference # 1.
- This map is NOT VALID without a LIVE SIGNATURE and EMBOSSED SEAL.
- This map is NOT VALID if altered or used by any party other than the CT LAND SURVEYING, LLC.
- Property Lines Established according to Record Deeds as exist
- Physical Features Such as Stone Walls, Wire Fences, Monuments, Iron Pins or Pipes, Etc. taken under consideration to establish current deed lines.
- Underground Utility, Structure and facility Locations depicted and noted hereon have been compiled, in part, from record mapping supplied by the respective utility companies or government agencies, from parole testimony and from other sources. These Locations must be considered as approximate in nature. Additionally, other such features may exist on the site, the existence of which are unknown to this firm. The size, location and existence of all such features must be field determined and verified by the appropriate authorities prior to construction. CALL BEFORE YOU DIG 1-800-922-4455.
- Elevations area based on NAVD 1988 DATUM.

**MAP REFERENCES**

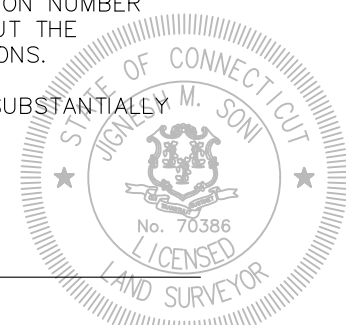
- RECORD MAP NO # VOL.8, PAGE 377.
- RECORD MAP NO # 414.
- RECORD MAP NO # VOL.83, PAGE 24.
- RECORD MAP NO # VOL.50, PAGE 27.
- RECORD MAP NO # VOL.57, PAGE 06.
- RECORD MAP NO # VOL.64, PAGE 24.
- RECORD MAP NO # VOL.34, PAGE 51.
- PROPERTY SURVEY PREPARED FOR JOHN DART LONG HILL ROAD, EAST HAMPTON, CT SCALE 1" = 40' DATED JANUARY 07, 1993 BY DUTCH & ASSOCIATES.

**IMPORTANT! READ!  
WARNING AND DISCLAIMER OF LIABILITY  
UNDERGROUND UTILITIES**

The user of this document is WARNED NOT TO RELY on the purported accuracy, scale, dimension, measurement, description, or elevations of any underground structure.  
The Underground structures depicted hereon are for informational purpose only. The Preparer of this document DISCLAIMS ANY LIABILITY whatsoever to the user. There are no warranties or representations, expressed or implied and any use other than for informational purposes is excessive, unintended and an impermissible misuse of this documents. Before Excavating Call Toll Free 1-800-922-4455 for Underground Utility Information.

NO DECLARATION IS EXPRESSED OR IMPLIED BY THIS MAP OR COPIES THEREOF UNLESS IT BEARS THE IMPRESSION TYPE SEAL AND ORIGINAL LIVE SIGNATURE OF THE SURVEYOR WHOSE NAME AND REGISTRATION NUMBER APPEAR BELOW. ANY CHANGES MADE TO THIS PLAN WITHOUT THE KNOWLEDGE OF THE SIGNERS INVALIDATES THESE DECLARATIONS.  
TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS DEPICTED AND NOTED HEREON.

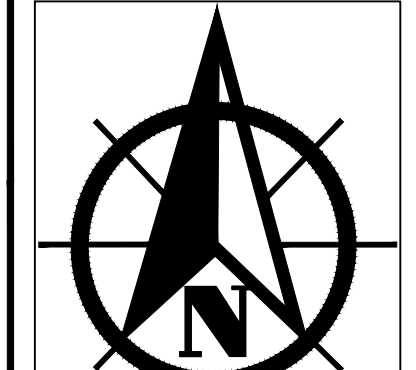
*Jignesh M. Soni*  
JIGNESH M. SONI, P.L.S. 70386



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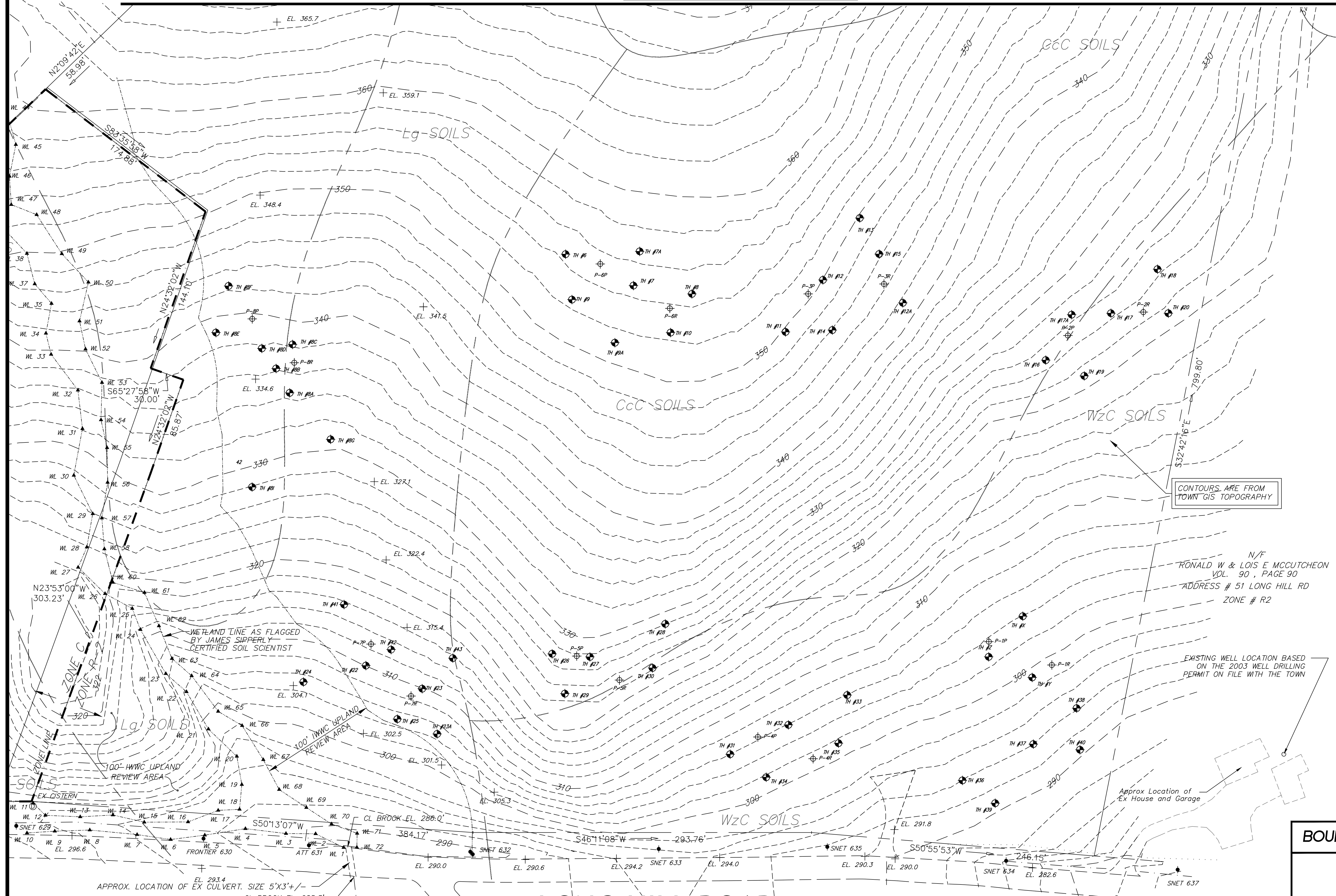


**BOUNDARY AND TOPOGRAPHIC SURVEY**

**LONG HILL ESTATES  
53 LONG HILL ROAD  
EAST HAMPTON, CONNECTICUT**

*Robert V. Baltramaitis, P.E.*  
27 Tammy Hill Road  
Wallingford, Connecticut 06492  
(203) 915-8301

DATE: 3/17/2021 SCALE: 1" = 40' SHT #: EX-1



CONTOURS ARE FROM TOWN GIS TOPOGRAPHY

N/F  
RONALD W & LOIS E MCCUTCHEON  
VOL. 90, PAGE 90  
ADDRESS # 51 LONG HILL RD  
ZONE # R2

EXISTING WELL LOCATION BASED ON THE 2003 WELL DRILLING PERMIT ON FILE WITH THE TOWN

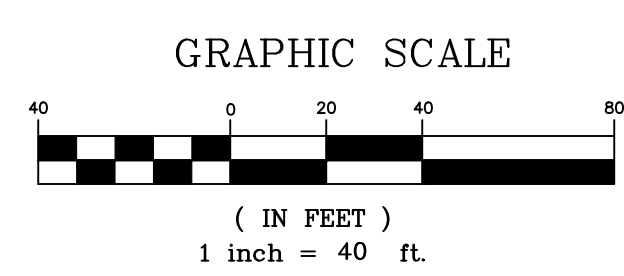
Approx Location of Ex House and Garage

**LONG HILL ROAD**

**WETLAND CERTIFICATION:**

The inland wetlands and/or watercourses are accurately shown on this map as delineated on this site.

*J. Sippl*  
James Sippl  
4-26-21  
Dated



#	DATE	DESCRIPTION	REVISIONS
2	4/25/21	ADDRESS STAFF COMMENTS	
1	4/5/21	LOT #8 ADDED	

**MAP REFERENCES**

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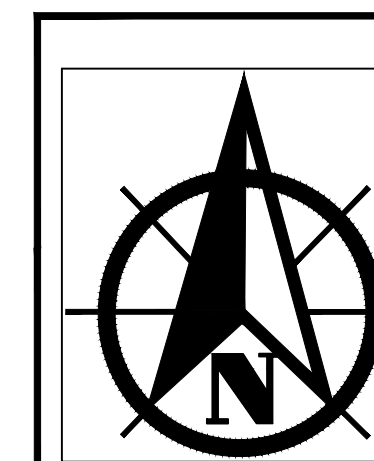
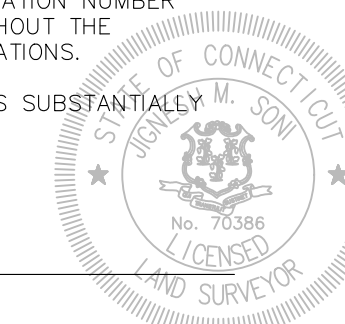
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*Jignesh M. Soni*

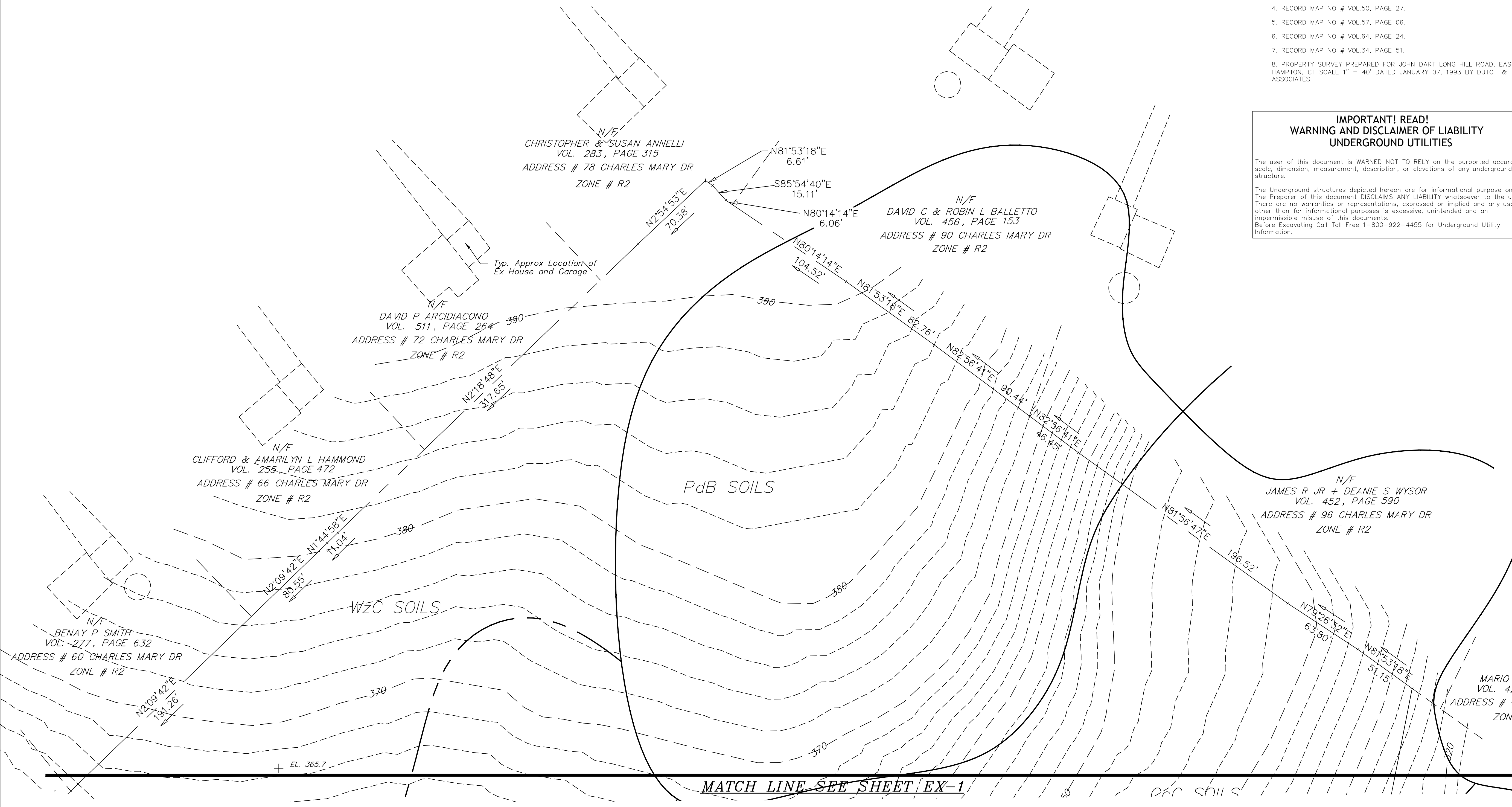
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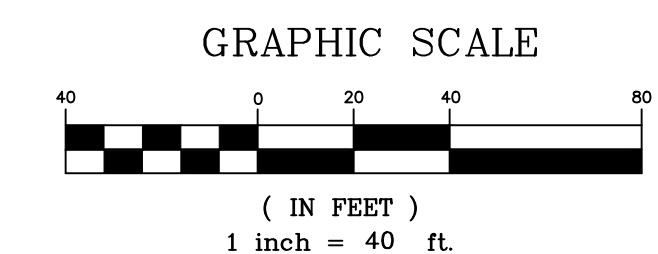


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*J. Sippel*  
James Sippel  
4-26-21  
Dated



#	DATE	DESCRIPTION
1	4/5/21	LOT #8 ADDED
		REVISIONS

**BOUNDARY AND TOPOGRAPHIC SURVEY**

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53 LONG HILL ROAD  
EAST HAMPTON, CONNECTICUT**

*Robert V. Baltramaitis, P.E.*  
27 Tammy Hill Road  
Wallingford, Connecticut 06492  
(203) 915-8301

DATE: 3/17/2021    SCALE: 1" = 40'    SHT #: EX-2

Parcel A-1  
29,985 S.F.  
0.69 ACRES

CONSERVATION EASEMENT  
4,816 S.F.  
0.11 ACRES

CONSERVATION EASEMENT  
65,098 S.F.  
1.49 ACRES

CONSERVATION EASEMENT  
52,936 S.F.  
1.22 ACRES

LOT #6  
121,089 S.F.  
2.78 ACRES

LOT #3  
125,708 S.F.  
2.89 ACRES

LOT #2  
122,436 S.F.  
2.81 ACRES

LOT #8  
108,840 S.F.  
2.50 ACRES

LOT #7  
78,325 S.F.  
1.80 ACRES

LOT #5  
60,269 S.F.  
1.38 ACRES

LOT #4  
60,130 S.F.  
1.38 ACRES

LOT #1  
60,047 S.F.  
1.38 ACRES

N23°53'00"W  
303.23'

EX CISTERN

150.00'

FRONTIER 630

ATT 631

CL. BROOK EL. 286.0'

384.17'

SNET 632

151.01'

S46°11'08"W

SNET 633

293.76'

117.58'

45.00'

SNET 635

25.00'

S50°55'53"W

151.15'

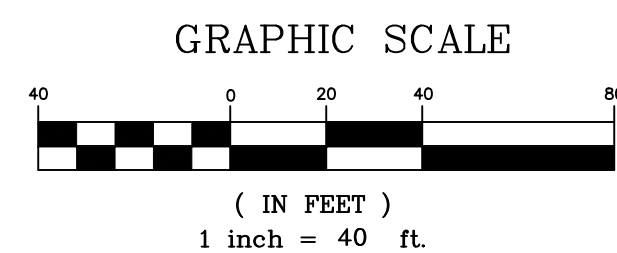
SNET 634

246.15'

SNET 637

APPROX. LOCATION OF EX CULVERT. SIZE 5'X3'+/-  
CL. BROOK EL. 285.3'

# LONG HILL ROAD



#	DATE	DESCRIPTION
2	4/25/21	ADDRESS STAFF COMMENTS
1	4/5/21	LOT #8 ADDED
#	DATE	REVISIONS

DATE: 3/17/2021

SCALE: 1" = 40'

SHT #: SP-1

### MAP REFERENCE:

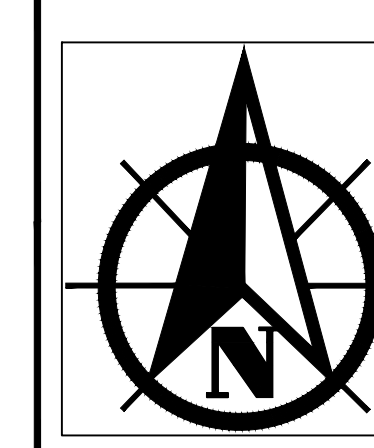
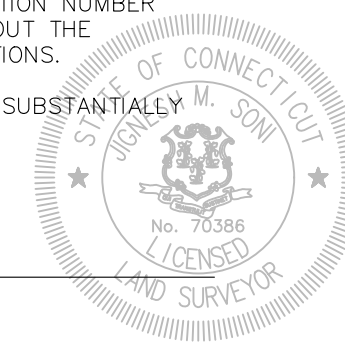
1. PLEASE SEE SHEET EX-1 FOR ALL SURVEY MAP REFERENCES AND SURVEY NOTES.

N/F  
RONALD W & LOIS E MCCUTCHEON  
VOL. 90, PAGE 90  
ADDRESS # 51 LONG HILL RD  
ZONE # R2

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JIGNESH M. SONI, P.L.S. 70386



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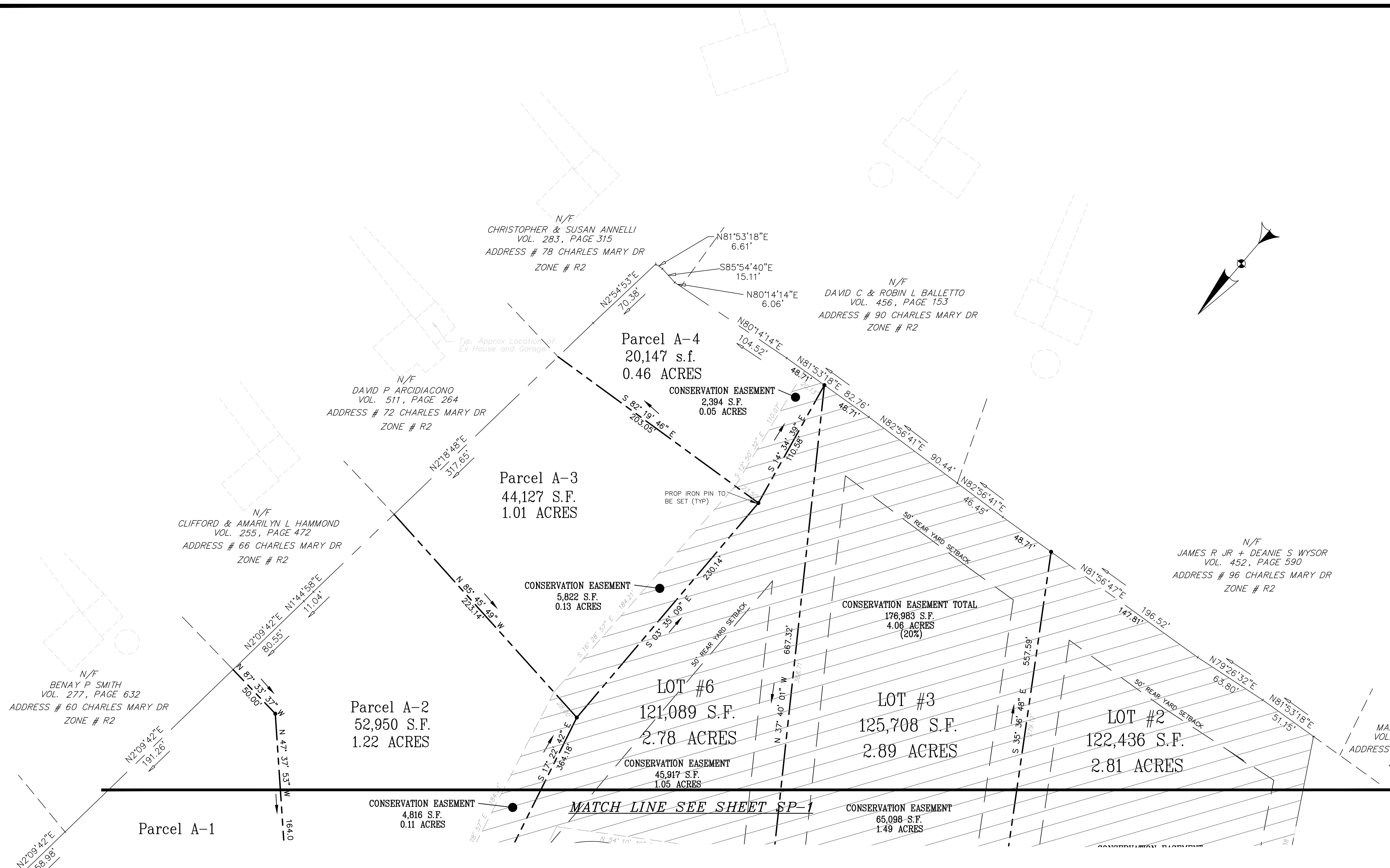
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### SUBDIVISION PLAN

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53 LONG HILL ROAD  
EAST HAMPTON, CONNECTICUT

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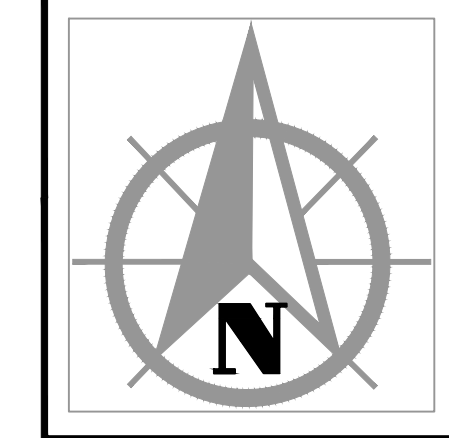
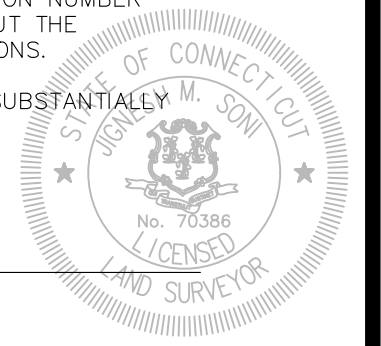
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N/F  
 CHRISTOPHER & SUSAN ANNELLI  
 VOL. 283, PAGE 315  
 ADDRESS # 78 CHARLES MARY DR  
 ZONE # R2

N/F  
 DAVID C & ROBIN L BALLETO  
 VOL. 456, PAGE 153  
 ADDRESS # 90 CHARLES MARY DR  
 ZONE # R2

N/F  
 DAVID P ARCDIACONO  
 VOL. 511, PAGE 264  
 ADDRESS # 72 CHARLES MARY DR  
 ZONE # R2

N/F  
 CLIFFORD & AMARILYN L HAMMOND  
 VOL. 255, PAGE 472  
 ADDRESS # 66 CHARLES MARY DR  
 ZONE # R2

N/F  
 BENAY P SMITH  
 VOL. 277, PAGE 632  
 ADDRESS # 60 CHARLES MARY DR  
 ZONE # R2

N/F  
 MARIO JR MASELLI  
 VOL. 429, PAGE 600  
 ADDRESS # 49 LONG HILL RD  
 ZONE # R2

Parcel A-4  
 20,147 s.f.  
 0.46 ACRES

CONSERVATION EASEMENT  
 2,394 S.F.  
 0.05 ACRES

Parcel A-3  
 44,127 S.F.  
 1.01 ACRES

CONSERVATION EASEMENT  
 5,822 S.F.  
 0.13 ACRES

CONSERVATION EASEMENT TOTAL  
 176,983 S.F.  
 4.06 ACRES  
 (20%)

Parcel A-2  
 52,950 S.F.  
 1.22 ACRES

CONSERVATION EASEMENT  
 45,917 S.F.  
 1.05 ACRES

Parcel A-1  
 CONSERVATION EASEMENT  
 4,816 S.F.  
 0.11 ACRES

LOT #6  
 121,089 S.F.  
 2.78 ACRES

CONSERVATION EASEMENT  
 45,917 S.F.  
 1.05 ACRES

LOT #3  
 125,708 S.F.  
 2.89 ACRES

CONSERVATION EASEMENT  
 65,098 S.F.  
 1.49 ACRES

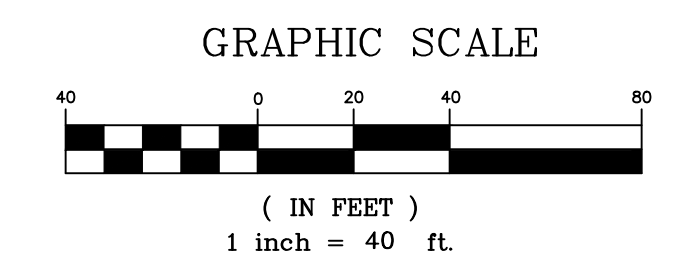
LOT #2  
 122,436 S.F.  
 2.81 ACRES

MATCH LINE SEE SHEET SP-1

**SUMMARY CHART**

53 LONG HILL ROAD, EAST HAMPTON CT									
PARCEL SIZE	884,000 S.F. or 20.29 Acres			ZONING DISTRICT			R-2 RESIDENTIAL ZONE		
ASSESSOR'S LOCATION	06 / 12 / 08			PROPOSED USE			Single Family Lots		
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BUILDING SETBACK									
FRONT	50'	50' +	50' +	50' +	50' +	50' +	50' +	50' +	50' +
SIDE	25'	25' +	25' +	25' +	25' +	25' +	25' +	25' +	25' +
REAR	50'	50' +	50' +	50' +	50' +	50' +	50' +	50' +	50' +
MAX. BUILDING HEIGHT	30'	< 30'	< 30'	< 30'	< 30'	< 30'	< 30'	< 30'	< 30'
MAX. BUILDING COVERAGE	10%	< 10%	< 10%	< 10%	< 10%	< 10%	< 10%	< 10%	< 10%

\* -- LOTS ARE "INTERIOR" LOTS REQUIRING 2X MIN LOT AREA AND ONLY REQUIRE 25' OF FRONTAGE



**SUBDIVISION PLAN**  
**LONG HILL ESTATES**  
**53 LONG HILL ROAD**  
**EAST HAMPTON, CONNECTICUT**

*Robert V. Baltramaitis, P.E.*  
 27 Tammy Hill Road  
 Wallingford, Connecticut 06492  
 (203) 915-8301

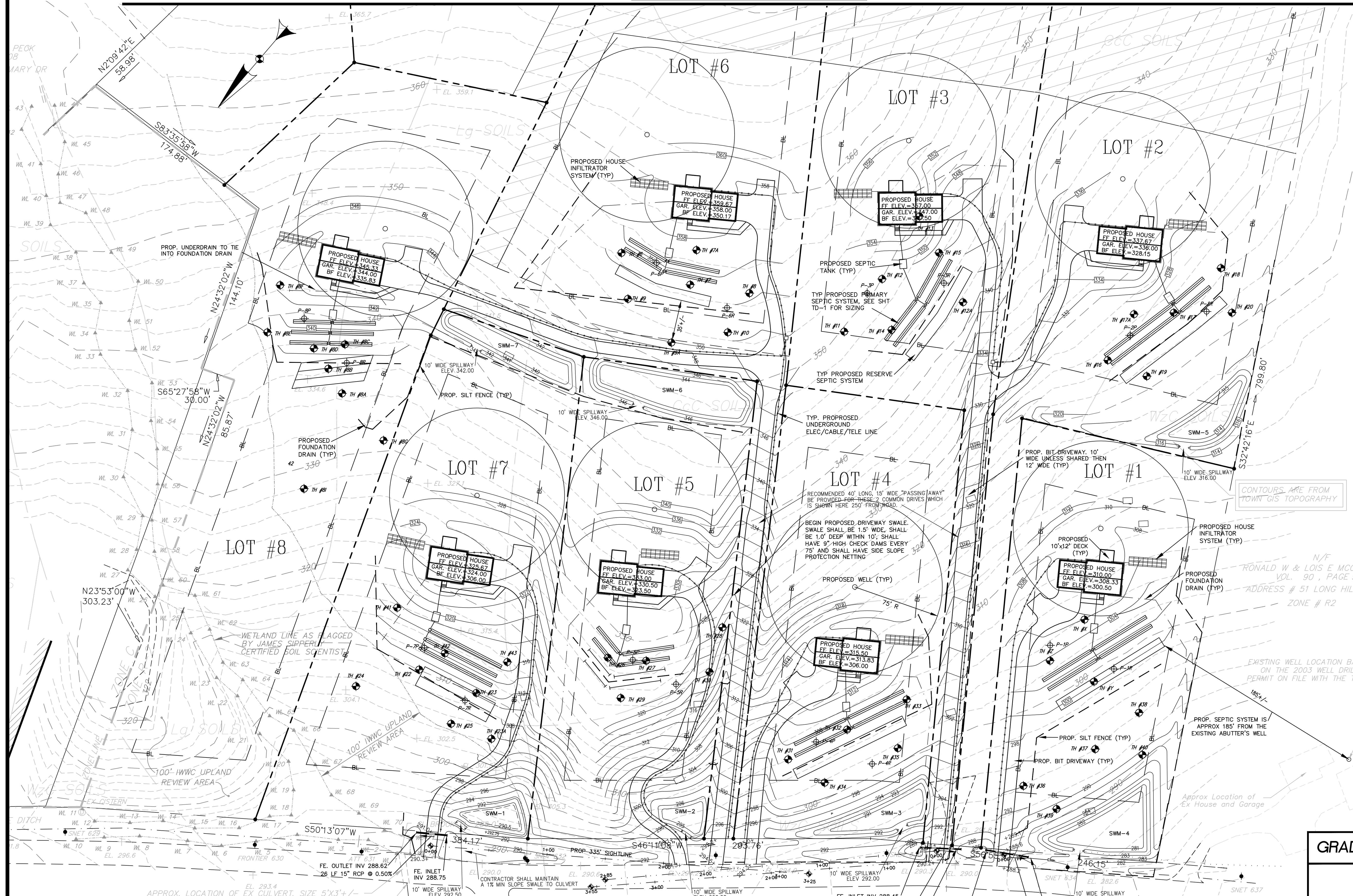
#	DATE	DESCRIPTION
2	4/25/21	ADDRESS STAFF COMMENTS
1	4/5/21	LOT #8 ADDED
#	DATE	REVISIONS

DATE: 3/17/2021    SCALE: 1" = 40'    SHT #: SP-2

MATCH LINE SEE SHEET GU-2

**GRADING AND UTILITY NOTES:**

- THIS DRAWING IS INTENDED TO DEMONSTRATE THAT THE PROPOSED LOTS CAN SUPPORT A SINGLE FAMILY RESIDENTIAL HOUSE ALONG WITH THE REQUIRED SEPTIC, WELL AND DRIVEWAY AS NECESSARY AND MEETING LOCAL AND STATE REGULATIONS. EACH LOT WILL HAVE TO SUBMIT FOR INDIVIDUAL BUILDING PERMITS PRIOR TO ANY CONSTRUCTION.
- THE APPLICANT/DEVELOPER WILL BE RESPONSIBLE FOR THE SETTING OF THE IRON PINS AS SHOWN ON THESE PLANS. NO OTHER CONSTRUCTION IS PROPOSED OR REQUIRED WITH THIS SUBDIVISION APPLICATION.
- ALL NEW UTILITIES, INCLUDING CATV, SHALL BE LOCATED UNDERGROUND.
- THE PROPERTY IS LOCATED IN THE ZONE X FLOOD PLAN AS DEFINED AS AN AREA DETERMINED TO BE OUTSIDE OF THE 0.2 PERCENT ANNUAL CHANCE FLOOD PLAN AS REFERENCED FROM THE FLOOD INSURANCE RATE MAP PANEL 141 OF 450, MAP NUMBER 090700141G, EFFECTIVE DATE AUGUST 28, 2008.
- ADDITIONAL SOIL TESTING MAY BE REQUIRED ON LOTS PRIOR TO CONSTRUCTION THAT THE PROPOSED LEACHING SYSTEM IS DESIGNED OUTSIDE OF THE SOIL TESTING AREA.
- FOOTING DRAIN LOCATIONS SHOWN ARE FOR SCHEMATIC PURPOSES ONLY AS EACH LOT FINAL LAYOUT WILL BE BASED ON THE FUTURE LOT OWNERS HOUSE STYLE AND LOCATION. WITH THAT STATED, ALL FOOTING DRAINS THAT ARE WITHIN 25' OF THE PROPOSED SEPTIC SYSTEMS (BOTH PRIMES AND RESERVES) ARE TO BE SOLID PIPE WITH RUBBER GASKETS ("TIGHT PIPE") AND ARE TO BE BACKFILLED WITH NATIVE MATERIAL AND NOT WITH FREE DRAINING MATERIAL.
- PROPOSED UNDERGROUND ELECTRIC SERVICE LINES SHOWN FOR SCHEMATIC PURPOSES ONLY AS EACH LOT FINAL LAYOUT WILL BE BASED ON THE FUTURE LOT OWNERS HOUSE AND DRIVE LOCATIONS. WITH THAT STATED, ALL SERVICE LINES THAT ARE WITHIN 25' OF THE PROPOSED SEPTIC SYSTEMS (BOTH PRIME AND RESERVES) ARE TO BE SOLID PIPE WITH RUBBER GASKETS ("TIGHT PIPE") AND ARE TO BE BACKFILLED WITH NATIVE MATERIAL AND NOT WITH FREE DRAINING MATERIAL.
- THE DRIVEWAY CULVERTS SHALL BE MAINTAINED BY THE INDIVIDUAL LOT OWNERS.
- THE MAINTENANCE OF RAIN GARDENS WILL BE THE RESPONSIBILITY OF THE LOT OWNER EXCEPT SWM-6 IS TO BE MAINTAINED BY LOT #6 AND SWM-7 TO BE BY LOT #8. SEE SUBDIVISION PLAN FOR EASEMENTS.
- ALL DRIVEWAYS ARE TO BE PAVED WITH ASPHALT. THE DRIVES SHALL BE CONSTRUCTED PER THE TOWN STANDARDS AND SUBDIVISION REGULATIONS. ALL DRIVES SHALL HAVE A 1-1/2" LIP AT THE ROAD EDGE AND THE MAX SLOPES SHALL BE 3% WITHIN TOWN ROW, 5% FOR THE NEXT 10' AND 15% MAX. ALL DRIVEWAYS SHALL BE NO CLOSER THAN 5' TO ADJACENT PROPERTY OWNERS, UNLESS SHARED DRIVE.
- "RIGHTS TO GRADE" ACROSS ADJACENT LOTS WILL BE PROVIDED.
- IT IS THE DEVELOPER'S PLAN TO ROUGH GRADE IN ALL OF THE PROPOSED DRIVEWAYS. TO INSTALL ALL DRIVEWAY CULVERTS AND TO INSTALL ALL 7 RAINGARDENS. ALL RAINGARDENS SHALL BE INSTALLED PRIOR TO THE CONSTRUCTION OF ANY LOT THAT SHEDS WATER INTO IT. AN EXAMPLE IS SWM 6 AND 7 SHALL BE IN BEFORE THE DEVELOPMENT OF LOTS 6 OR 8. SEE THE "DRAINAGE AREA" MAP FOR WATERSHEDS.
- ADDITIONAL TESTPITS ARE REQUIRED IN THE AREAS OF THE PROPOSED RAINGARDENS TO CONFIRM THE DEPTH TO GROUNDWATER AND THE SUITABILITY FOR THE DETENTION AND INFILTRATION. ANY PROPOSED REVISIONS TO BASIN AS SHOWN ON THE APPROVED PLANS AT THE TIME OF LOT DEVELOPMENT ARE SUBJECT TO REVIEW AND APPROVAL OF THE TOWN.
- RIGHTS TO DRAIN SHALL BE GRANTED AS FOLLOWS:  
 - LOT NUMBER 2 TO DRAIN INTO LOTS 1 AND 4 FOR DRIVE AND SWM 5.  
 - LOT NUMBER 3 TO DRAIN INTO LOTS 2 AND 4 FOR DRIVE.  
 - LOT NUMBER 6 TO DRAIN INTO LOTS 5 AND 7 FOR DRIVE AND SWM 6.  
 - LOT NUMBER 8 TO DRAIN INTO LOTS 5 AND 7 FOR DRIVE AND SWM 7.
- SEE SUBDIVISION PLANS FOR CROSS LOT ACCESS EASEMENTS AND MAINTENANCE EASEMENTS FOR THE PROPOSED RAINGARDENS AS NEEDED.
- THERE SHALL BE A 50' MIN SEPARATING DISTANCE BETWEEN PROPOSED SEPTICS AND THE DESIGN HIGHWATER MARK OF THE PROPOSED RAINGARDENS.
- EROSION AND CONTROL BLANKETS WILL BE INSTALLED ON ALL SLOPES THAT ARE STEEPER THAN 3:1.
- CONSTRUCTION ENTRANCES WILL BE INSTALLED ON LOTS 5 AND 7 DRIVE LOCATIONS DURING CONSTRUCTION.
- THE USE OF SUB-SURFACE STORM WATER INFILTRATION SYSTEMS IS PROPOSED FOR ALL LOTS. THIS INFILTRATION SYSTEM SHALL BE SIZED TO HOLD THE 100 YR. 24 HR STORM EVENT. THE APPLICANT IS PROPOSING THE USE OF 60 LF OF THE HIGH CAPACITY CHAMBERS SHOWN ON SHEET DN-1. THE 60 LF PROPOSED RESULTS IN EACH LOT HOLDING A MINIMUM VOLUME OF 245 SF OF WATER. AT TIME OF INDIVIDUAL LOT DESIGN EACH LOT WILL BE EXPECTED TO ADHERE TO THE 245 SF MIN.



CONTOURS ARE FROM TOWN GIS TOPOGRAPHY

N/F RONALD W & LOIS E MCCUTCHEON VOL. 90, PAGE 90 ADDRESS # 51 LONG HILL RD ZONE # R2

**LEGEND**

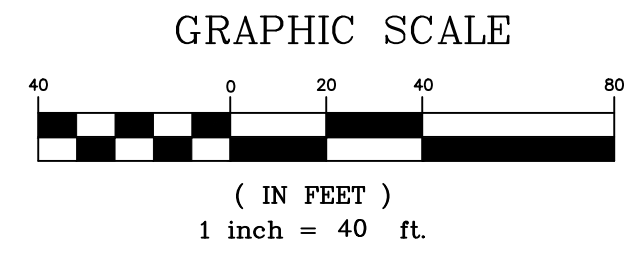
- PROPOSED TP-96
- DEEP TEST HOLE TP-96
- PERC TEST HOLE P-1P
- PROPOSED CONTOURS 100



**GRADING AND EROSION CONTROL PLAN**

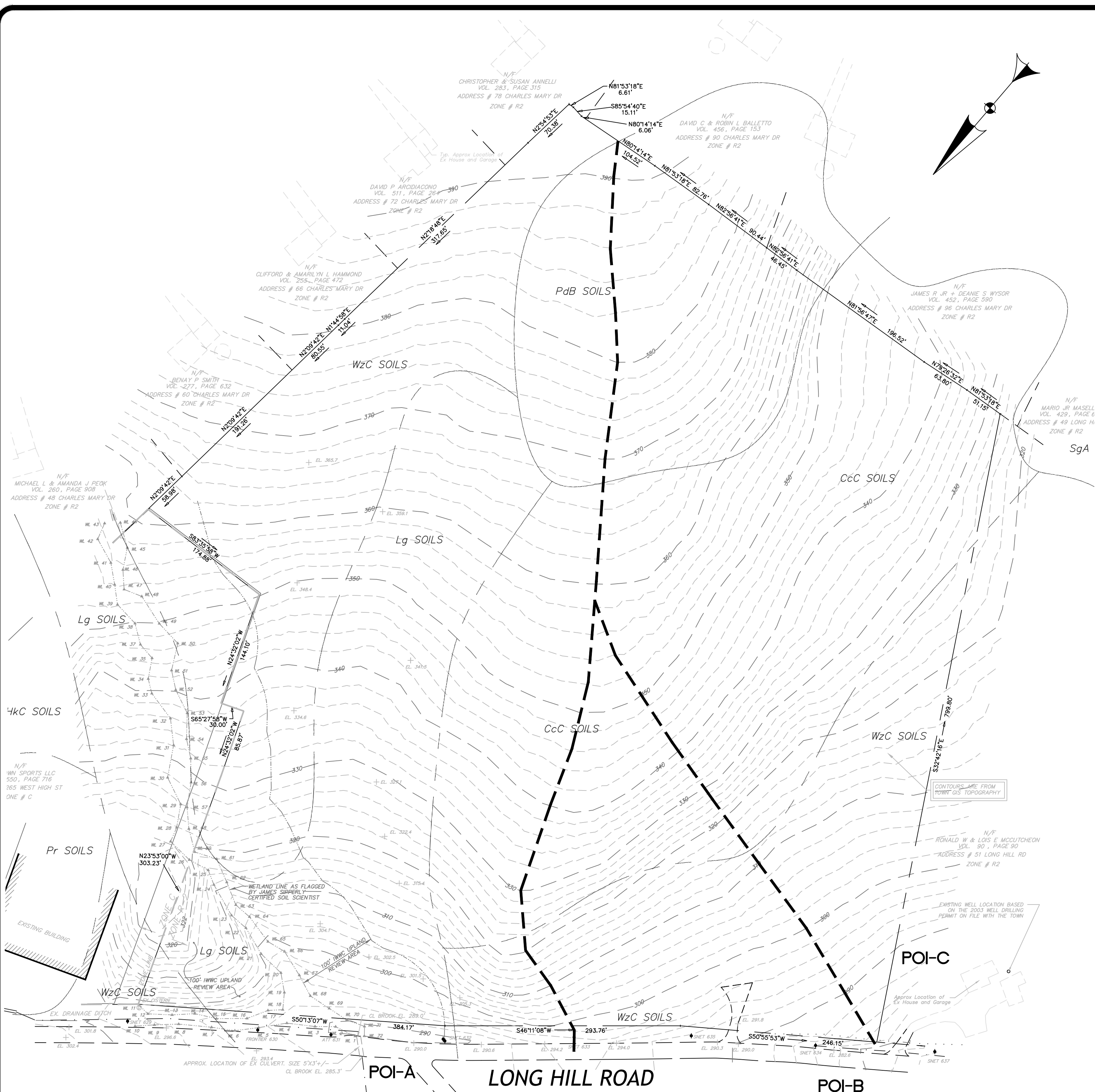
**LONG HILL ESTATES**  
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 EAST HAMPTON, CONNECTICUT

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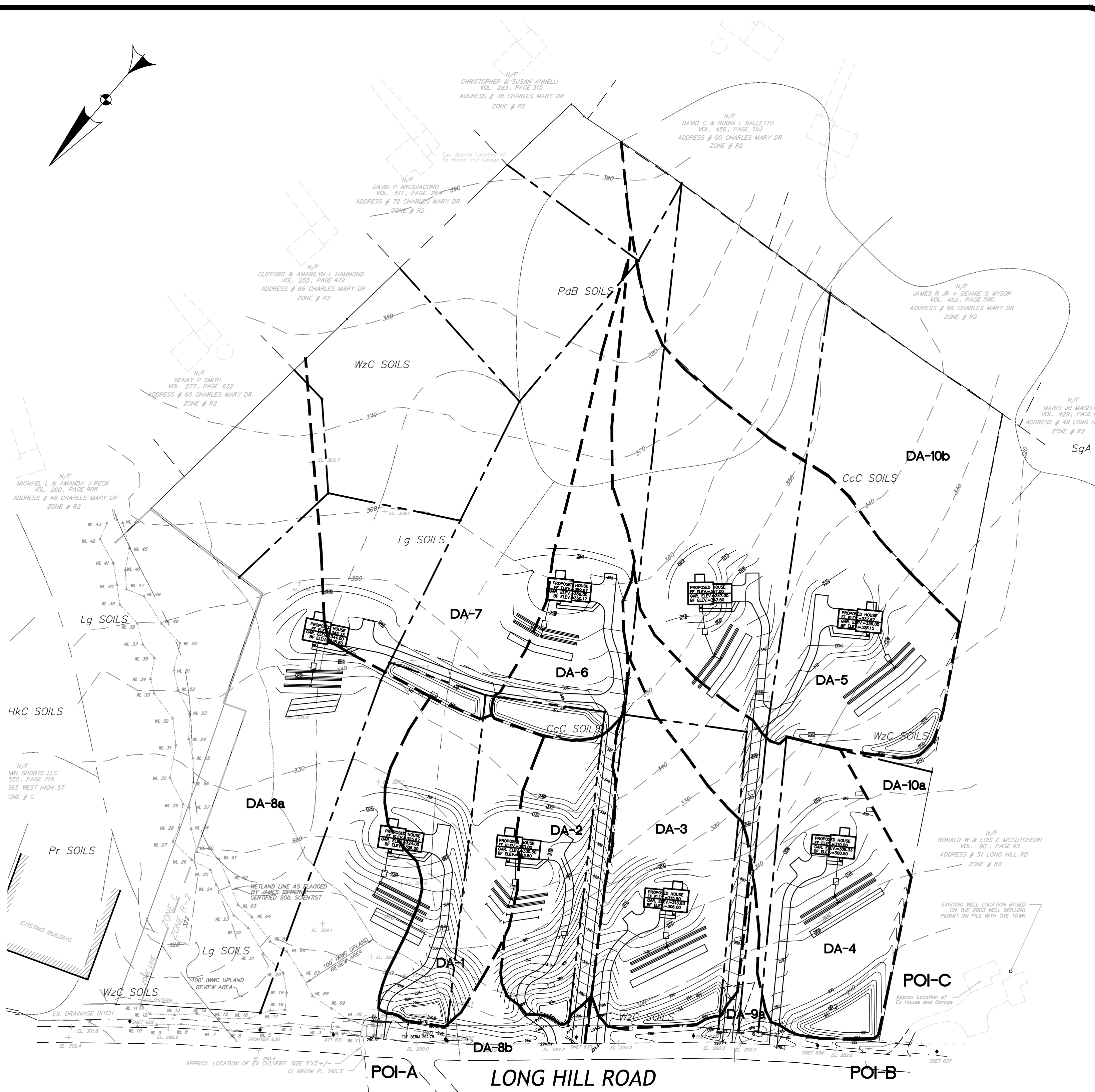


#	DATE	DESCRIPTION
3	5/04/21	ADDRESS STAFF COMMENTS
2	4/25/21	ADDRESS STAFF COMMENTS
1	4/20/21	ADDED LOT #8
#	DATE	REVISIONS

DATE: 3/17/2021 SCALE: 1" = 40' SHT #: GU-1



**EXISTING DRAINAGE AREAS**



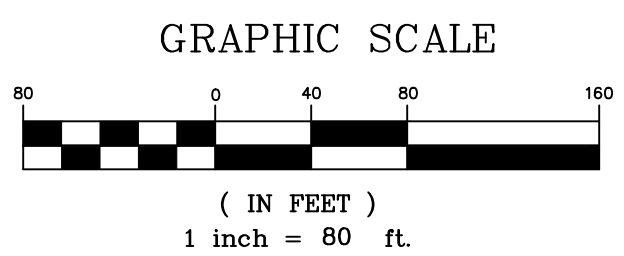
**PROPOSED DRAINAGE AREAS**

**SUMMARY PROPOSED AREAS**

POI-A	POI-B	POI-C
446,400 S.F. 10.3 AC.	133,500 S.F. 3.1 AC.	298,500 S.F. 6.9 AC.

**SUMMARY PROPOSED AREAS**

DA-1	DA-4	DA-7	DA-8	DA-9	DA-10
53,600 S.F. 1.23 AC.	77,850 S.F. 1.78 AC.	194,000 S.F. 4.45 AC.	8a-154,700 S.F. 8b-4,600 S.F. 8 TOTAL 159,300 S.F. 3.66 AC.	5,600 S.F. 0.13 AC.	10a-9,100 S.F. 10b-107,100 S.F. 10 TOTAL 116,200 S.F. 2.67 AC.
DA-2	DA-5	DA-3	DA-6		
38,350 S.F. 0.88 AC.	135,400 S.F. 3.11 AC.	59,350 S.F. 1.36 AC.	41,700 S.F. 0.96 AC.		



#	DATE	DESCRIPTION

**PRE AND POST DRAINAGE AREA PLAN**

**LONG HILL ESTATES  
53 LONG HILL ROAD  
EAST HAMPTON, CONNECTICUT**

*Robert V. Baltramaitis, P.E.*  
27 Tammy Hill Road  
Wallingford, Connecticut 06492  
(203) 915-8301

DATE:	SCALE:	SHT #:
4/23/2021	1" = 80'	DA-1

Figure PS-3 Seed Mixtures for Permanent Seeding

No.	Seed Mixture (Variety) <sup>4</sup>	Lbs/Acre	Lbs/1,000 Sq. Ft.
1 <sup>5</sup>	Kentucky Bluegrass	20	.45
	Creeping Red Fescue (Pennlawn, Wintergreen)	20	.45
	Perennial Ryegrass (Norica, Manhattan)	5	.10
	<b>Total</b>	<b>45</b>	<b>1.00</b>
2 <sup>5</sup>	Creeping Red Fescue (Pennlawn, Wintergreen)	20	.45
	Redtop (streaker, Common)	2	.05
	Tall Fescue (Kentucky 31) or Smooth Bromegrass (Sarotoga, Lincoln)	20	.45
	<b>Total</b>	<b>42</b>	<b>.95</b>
3 <sup>5</sup>	Creeping Red Fescue (Pennlawn, Wintergreen)	20	.45
	Bird's-foot Trefoil (Empire, Viking) with inoculant <sup>1</sup>	8	.20
	Tall Fescue (Kentucky 31) or Smooth Bromegrass (Sarotoga, Lincoln)	20	.45
	<b>Total</b>	<b>48</b>	<b>1.10</b>
4 <sup>5</sup>	Creeping Red Fescue (Pennlawn, Wintergreen) or Tall Fescue (Kentucky 31)	20	.45
	Redtop (Streaker, Common)	2	.05
	Bird's-foot Trefoil (Empire, Viking) with inoculant <sup>1</sup>	8	.20
	<b>Total</b>	<b>30</b>	<b>.70</b>
5 <sup>5</sup>	White Clover	12	.30
	Perennial Ryegrass	2	.05
		<b>Total</b>	<b>12</b>
6 <sup>5</sup>	Creeping Red Fescue	10	.25
	Redtop (streaker, Common)	2	.05
	Perennial Ryegrass	20	.50
	<b>Total</b>	<b>42</b>	<b>1.05</b>
7 <sup>5</sup>	Smooth Bromegrass (Sarotoga, Lincoln)	15	.35
	Perennial Ryegrass (Norica, Manhattan)	10	.25
	Bird's-foot Trefoil (Empire, Viking) with inoculant <sup>1</sup>	10	.25
	<b>Total</b>	<b>30</b>	<b>.70</b>
8 <sup>6</sup>	Switchgrass (Blackwell, Shelter, Cave-in-rock)	10 <sup>1</sup>	.25
	Weeping Lovegrass	3	.07
	Little Bluestem (Blaze, Aldous, Camper)	10 <sup>1</sup>	.25
	<b>Total</b>	<b>23</b>	<b>.57</b>
9 <sup>5</sup>	Creeping Red Fescue (Pennlawn, Wintergreen)	10	.25
	Crown Vetch (Chernung, Penngift) with inoculant <sup>1</sup>	15	.35
	(or Flatpea (Lathco) with inoculant <sup>1</sup> )	30	.75
	<b>Total</b>	<b>45</b>	<b>1.05</b>
10 <sup>5</sup>	Creeping Red Fescue (Pennlawn, Wintergreen)	20	.45
	Redtop (streaker, Common)	2	.05
	Crown Vetch (Chernung, Penngift) with inoculant (or Flatpea (Lathco) with inoculant)	15	.35
	<b>Total</b>	<b>37</b>	<b>.85</b>
11 <sup>5</sup>	Bird's-foot Trefoil (Empire, Viking) with inoculant <sup>1</sup>	8	.20
	Crown Vetch (Chernung, Penngift) with inoculant <sup>1</sup>	15	.35
	Creeping Red Fescue (Pennlawn, Wintergreen) or Tall Fescue (Kentucky 31)	10	.25
	<b>Total</b>	<b>45</b>	<b>1.05</b>
12 <sup>6</sup>	Switchgrass (Blackwell, Shelter, Cave-in-rock)	101	.25
	Perennial Ryegrass (Norica, Manhattan)	5	.10
	Crown Vetch (Chernung, Penngift) with inoculant <sup>1</sup>	15	.35
	<b>Total</b>	<b>45</b>	<b>1.05</b>
13-15	Not used		
16 <sup>5</sup>	Tall Fescue (Kentucky 31)	20	.45
	Flatpea (Lathco) with inoculant <sup>1</sup>	30	.75
		<b>Total</b>	<b>50</b>
17 & 18	Not used		
19 <sup>5</sup>	Chewing Fescue	35	.80
	Hard Fescue	30	.70
	Colonial Bentgrass	5	.10
	<b>Total</b>	<b>100</b>	<b>2.3</b>
21 <sup>5</sup>	Creeping Red Fescue (Pennlawn, Wintergreen)	40	.90
	Tall Fescue (Kentucky 31)	20	.45
		<b>Total</b>	<b>60</b>
22 <sup>5</sup>	Creeping Red Fescue (Pennlawn, Wintergreen)	40	.90
	Tall Fescue (Kentucky 31)	20	.45
		<b>Total</b>	<b>60</b>
23 <sup>5</sup>	Creeping Red Fescue (Pennlawn, Wintergreen)	40	.90
	Flatpea (Lathco) with inoculant <sup>1</sup>	30	.75
		<b>Total</b>	<b>45</b>
24-28	Not Used		
29	Turf Type Tall Fescue (Bonanza, Mustang, Rebel II, Spartan, Joguor) or Perennial Ryegrass (Future 2000 <sup>®</sup> mix, Fiesta II, Blazer II, and Dasher II)	175 to 250	6 to 8

1 Use proper inoculant for legume seeds, use four times recommended rate when hydroseeding.  
 2 Use Pure Live Seed (PLS) =  $\frac{\% \text{ Germination} \times \% \text{ Purity}}{100}$   
 EXAMPLE: Common Bermuda seed with 70% germination and 80% purity =  $\frac{70 \times 80}{100} = 56\%$   
 $\frac{10 \text{ lbs PLS/acre}}{56\%} = 17.9 \text{ lbs/acre of bagged seed}$   
 3 DOT All purpose mix  
 4 Wild flower mix containing New England Aster, Baby's Breath, Black Eye Susan, Catchfly, Dwarf Columbine, Purple Conflower, Lance-leaved Coreopsis, Conflower, Ox-eye Daisy, Dame's Rocket, Scarlet Fox, Foxglove, Gayfeather, Rocky Larkspur, Spanish Larkspur, Corn Poppy, Spurred Snapdragon, Wallflower and/or Yarrow may be added to any seed mix given. Most seed suppliers carry a wild flower mixture that is suitable for the Northeast and contains a variety of both annual and perennial flowers. Seeding rates for the specific mixtures should be followed.  
 5 Considered to be a cool season mix.  
 6 Considered to be a warm season mix.

Figure PS-2 Selecting Seed Mix to Match Need

Area To Be Seeded	Mixture Number <sup>1</sup>	
	Mowing Desired	Mowing Not Req.
BORROW AREAS, ROADSIDE, DIKES, LEVEES, POND BANKS AND OTHER SLOPES AND BANKS	1,2,3,4,5, or 8	5,6,7,8,9,10,11
A) Well or excessively drained soils <sup>2</sup>	2	12,16, 22
B) Somewhat poorly drained soils <sup>2</sup>	2	5,6
C) Variable drainage soils <sup>2</sup>	2	5,6,11
DRAINAGE DITCH AND CHANNEL BANKS	1,2,3 or 4	9,10,11,12
A) Well or excessively drained soils <sup>2</sup>	2	
B) Somewhat poorly drained soils <sup>2</sup>	2	
C) Variable drainage soils <sup>2</sup>	2	
DIVERSIONS	2,3 or 4	9,10,11
A) Well or excessively drained soils <sup>2</sup>	2	
B) Somewhat poorly drained soils <sup>2</sup>	2	
C) Variable drainage soils <sup>2</sup>	2	
GULLIED AND ERODED AREAS	3,4,5,8,10,11,12	
SOD WATERWAYS AND SPILLWAYS	1,2,3,4,6,7, or 8	1,2,3,4,6,7, or 8
SUNNY RECREATION AREAS (Picnic areas and playgrounds or driving and archery ranges, nature trails)	1,2, or 23	
LAWNS AND HIGH MAINTENANCE AREAS	1,19, 21 or 29	

1 The numbers following in these columns refer to seed mixtures in Figure PS-3. Mixes for shady areas are in bold-face print (including mixes 20 through 24)  
 2 See county soil survey for drainage class. Soil surveys are available from the County Soil and Water Conservation District Office.  
 3 Use mix 26 when soil passing a 200 mesh sieve is less than 15% of total weight. Use mix 26 & 27 when passing a 200 mesh sieve is between 15 and 20% of total weight. Use mix 26, 27 & 28 when soil passing a 200 mesh is above 20% of total weight.

Temporary Seeding Rates and Dates

Species <sup>4</sup>	Seeding Rates (pounds/1000 sq. ft.)	Optimum Seed Depth <sup>2</sup> (Inches)	Optimum Seeding Dates <sup>3</sup>										Plant Characteristics		
			3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15					
Annual ryegrass Lolium multiflorum	40	1.0	0.5												May be added in mixes. Will mow out of most stands.
Perennial ryegrass Lolium perenne	40	1.0	0.5												Use for winter cover. Tolerates cold and low moisture.
Winter eye Secale cereale	120	3.0	1.0												Quick germinating and heavy spring growth. Dies back in June with little regrowth.
Oats Avena sativa	86	2.0	1.0												In northern CT, will winter kill with the first killing frost and may through-out the state in severe winters.
Winter wheat Triticum aestivum	120	3.0	1.0												Quick germination with moderate growth. Dies back in June with no regrowth.
Millet Echinochloa crusgalli	20	0.5	1.0												Warm season small grain. Dies with frost in September.
Sudangrass Sorghum sudanense	30	0.7	1.0												Tolerates warm temperatures and droughty conditions.
Sudangrass Sorghum sudanense	15	0.4	1.0												Hardy plant that will reseed itself and is good as a green manure crop.
Weeping Lovegrass Eragrostis curvula	5	0.2	0.25												Warm-season perennial. May bunch. Tolerates hot, dry slopes, acid infertile soils. Excellent nurse crop. Usually winter kills.
DOT All Purpose Mix <sup>2</sup>	150	3.4	0.5												Suitable for all conditions.

1 May be planted throughout summer if soil moisture is adequate or can be irrigated. Fall seeding may be extended 15 days in the coastal towns.  
 2 Seed at twice the indicated depth for sandy soils.  
 3 See Permanent Seeding Figure PS-3 for seeding mixture requirements.  
 4 Listed species may be used in combinations to be obtain a broader time spectrum. If used in combinations, reduce each species planting rate by 20% of that listed.

WETLANDS APPLICATION DATA

- This project involves the development of 18.9 acres of land into a 7 lot single family residential subdivision.
- The wetlands were delineated by James Sippery Certified Soil Scientist on November 14, 2020.
- There is no disturbance of any inland wetlands solid proposed with this application. There is approximately 800 sq. ft. of disturbance within the 100' upland review are. The regulated areas to be protected by the use of erosion control measures during construction and the finished surfaces such as grass and pavement.

EROSION CONTROL INTENT

- THE EROSION CONTROL PLAN IS INTENDED TO MINIMIZE THE MOVEMENT OF MATERIAL INTO ADJACENT WETLANDS AND WATERCOURSES BY ONE OR MORE OF THE FOLLOWING:
- LIMIT THE TIME OF BARE SOIL EXPOSURE. ONCE EXCAVATION OR FILL HAS BEEN COMPLETED AND WITHOUT WAITING UNTIL THE ENTIRE SITE IS READY, PROVIDE SOME TYPE OF GROUND COVER AS SPECIFIED. INSTALL MULCH, PAVEMENT, TEMPORARY SEEDING, OR PERMANENT SEEDING. SLOPES SHOULD BE PERMANENTLY SEEDDED AS SOON AS FORMING IS COMPLETED.
  - THE USE OF MULCH, TEMPORARY SEEDING OR JUTE MESH WILL BIND THE SOIL BY ABSORBING AND SPREADING HEAVY RAIN CONCENTRATIONS AND MINIMIZING EROSION.
  - A TEMPORARY LINING SHOULD BE USED IN THE BOTTOM OF SWALES TO SLOW VELOCITY OF THE STORMWATER AND PREVENT EROSION. THIS ALSO SETTLES OUT MANY OF THE FINE SILTS. SEE SWALE CHART FOR CHANNEL LINING DETAILS. CONTROL OF SHEET FLOW.
  - THE USE OF SILT FENCE ANCHORED AS REQUIRED, WILL CONTROL SHEET FLOW AS LONG AS THE WATER VOLUME IS NOT GREAT. IN SOME CASES, WHERE THE FLOW IS GREAT ENOUGH, THE FENCE SHOULD BE BACKED UP BY HAY BALES TO PROVIDE STRENGTH AGAINST THE FENCE TIPPING OVER DUE TO THE WATER VOLUME. ACCUMULATED SILT SHOULD BE PERIODICALLY CLEANED FROM IN FRONT OF THE SILT FENCE AND BURIED.
  - THE CONTROL AND REMOVAL OF ALL SILT IS NOT POSSIBLE, BUT BY CAREFUL APPLICATION OF THE REQUIREMENTS OF THIS PLAN COMBINED WITH CONTRACTOR CONCERN WILL GREATLY IMPROVE THE QUALITY OF BOTH THE SITE AREAS AND THE OFF-SITE AREAS.

CONSTRUCTION TIME SCHEDULE

- Construction of individual lots will vary upon future sale, but the following guidelines shall be followed.
- All erosion control measures shall be in place and inspected prior to start of construction.
- STOCKPILE AREAS: Loom and fill stockpile areas shall be seeded per the temporary seeding schedule as soon as possible with minimal disturbance after that time, until the material is required for individual lots. All areas of the site not finished graded shall be seeded per the temporary seeding schedule.
- All erosion control measures will remain in place until final signout from the Town E&S inspector.

Septic System Notes:

- THE BUILDING SEWER PIPE SHALL BE 4" SCH 40 PVC SET AT A MAXIMUM SLOPE OF 1/4" PER FOOT. THE PIPE SHALL BE LAID TRUE TO THE GRADE IN A SAND BED AND BACKFILLED WITH MATERIAL FREE OF LARGE OR JAGGED STONES.
- THE PRE-CAST CONCRETE SEPTIC TANK SHALL HAVE A CAPACITY OF AT LEAST 1,250 GALLONS. THE TANK SHALL HAVE TWO CHAMBERS, THE FIRST OF WHICH SHALL HOLD 3/4 THE REQUIRED TOTAL CAPACITY.
- THE SEPTIC TANK SHALL CONFORM TO THE REQUIREMENTS AND SPECIFICATIONS OF THE CONNECTICUT PUBLIC HEALTH CODE, LATEST REVISION. THE TANK SHALL HAVE A NON-BYPASS EFFLUENT FILTER AT THE OUTLET AND POLYETHYLENE GASKETS AT THE INLET AND OUTLET.
- THE DISTRIBUTION PIPE FROM THE TANK TO THE DISTRIBUTION BOX OR LEACHING CHAMBERS SHALL BE 4" PVC CONFORMING TO ASTM 3034 SDR35 WITH INTEGRAL RUBBER COMPRESSION GASKETS. PIPE SHALL BE INSTALLED AT A MINIMUM SLOPE OF 1%.
- THE DISTRIBUTION BOXES SHALL BE PRE-CAST CONCRETE SUITABLE FOR HS-20 LOADING WITH WATER-TIGHT GASKETS AND SET LEVEL FOR EVEN DISTRIBUTION, OR APPROVED EQUAL. D-BOXES SHALL HAVE INSPECTION COVERS TO GRADE.
- THE INFILTRATOR QUICK 4 PLUS HIGH CAPACITY CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE PUBLIC HEALTH CODE AND THIS PLAN, INCLUDING THE DETAILS PROVIDED. UNITS SHALL BE BACKFILLED WITH APPROVED BACKFILL IN ACCORDANCE WITH THE SPECIFICATIONS AND DETAILS PROVIDED. A MINIMUM OF 14" OF COVER MUST BE MAINTAINED FOR HS-20 LOAD RATING. ANY DEVIATION IN THE SPECIFIED PRODUCT SHALL BE REVIEWED BY THE DESIGN ENGINEER AS IT MAY AFFECT THE REQUIRED LEACHING FIELD SIZE.
- "APPROVED AGGREGATE" IS CRUSHED OR BROKEN STONE, OR SCREENED GRAVEL CONFORMING TO CONNECTICUT DEPARTMENT OF TRANSPORTATION, FORM 816, SECTION M01.01 FOR NO. 4 STONE:
 

SIEVE	% PASSING (BY WT.)
2"	100%
1 1/2"	90-100%
1"	20-55%
3/4"	0-15%
3/8"	0-5%
#40	0-3%
#200	0-1.5%
- "SELECT FILL" SHALL BE USED TO FILL VOIDS WITHIN THE LEACHING AREA. THE IMPORTED "SELECT FILL" SHALL BE CLEAN SAND OR SAND AND GRAVEL, FREE FROM ORGANIC MATTER AND OTHER FOREIGN SUBSTANCES. THE SELECT FILL SHALL NOT CONTAIN ANY MATERIAL LARGER THAN THE 3" SIZE. UP TO 45% OF THE DRY WEIGHT OF THE SAMPLE MAY BE RETAINED ON THE #4 SIEVE. THE MATERIAL PASSING IS RE-WEIGHED AND SIEVE ANALYSIS STARTED AND SHALL CONFORM TO THE FOLLOWING CRITERIA:
 

SIEVE	DRY SIEVE (% PASSING)
# 4	100%
# 10	70-100%
# 40	10-75%
#100	0-5%
#200	0-2.5%
- GEOTEXTILE, WHEN SPECIFIED, SHALL BE NON-WOVEN FABRIC CONFORMING TO ASTM D 5261, ASTM D 4919 AND ASTM D 4533 MEETING THE REQUIREMENTS OF THE STATE PUBLIC HEALTH CODE.



**The Quick4<sup>®</sup> Plus High Capacity Chamber**

**Quick4 Plus Series**

The Quick4 Plus High Capacity Chamber offers maximum strength through its two center structural columns. This chamber can be installed in a 36-inch-wide trench. Like the original line of Quick4 chambers, it offers advanced contouring capability with its Contour Swivel Connection™ which permits turns up to 15-degrees, right or left. It is also available in four-foot lengths to provide optimal installation flexibility. The Quick4 Plus All-in-One 12 Endcap, and the Quick4 Periscope are available with this chamber, providing increased flexibility in system configurations.

**Quick4 Plus High Capacity Chamber Benefits:**

- Two center structural columns offer increased stability and superior strength
- Advanced contouring connections
- Latching mechanism allows for quick installation
- Four-foot chamber lengths are easy to handle and install
- Supports wheel loads of 16,000 lbs/axle with 12" of cover

**Quick4 Plus All-in-One 12 Endcap Benefits:**

- May be used at the end of chamber row for an inlet/outlet or can be installed mid-trench
- Mid-trench connection feature allows construction of chamber rows with center feed, as an alternative to inletting at the ends of chamber rows
- Center-feed connection allows for easy installation of serial distribution systems
- Pipe connection options include sides, ends or top

**Quick4 Plus All-in-One Periscope Benefits:**

- Allows for raised invert installations
- 180° directional inletting
- 12" raised invert is ideal for serial applications


**Maximum Strength**

**Quick4 Plus High Capacity Chamber Specifications**

Size: 34"W x 53"L x 14"H (864 mm x 1346 mm x 356 mm)  
 Effective Length: 48" (1219 mm)  
 Louver Height: 12" (305 mm)  
 Storage Capacity: 54 gal (204 L)  
 Invert Height: 0.8" (20 mm), 5.3" (135 mm), 8.0" (203 mm), 12.7" (323 mm)

APPROVED IN

Certified by the International Association of Plumbing and Mechanical Officials (IAPMO)



**Quick4 Plus Standard and Quick4 Plus High Capacity Installation Instructions**

**Quick4 Plus Standard**

**Quick4 Plus High Capacity**

**Materials and Equipment Needed**

- Quick4 Plus chambers
- Quick4 Plus All-in-One 12 Endcaps
- PVC pipe and couplings
- Backhoe
- Laser, transit or level
- Shovel and rake
- Tape measure
- Screwdriver or utility knife
- Hole saw
- 2-inch drywall screws
- Screw gun
- Small valve-cover box
- 4-inch cap for inspection port
- Optional

**These guidelines for construction machinery must be followed during installation.**

- Avoid direct contact with chambers when using construction equipment. Chambers require a 15 inch minimum of compacted cover to support a wheel load rating of 16,000 lbs/axle or equivalent to an ASHTO H-10 load rating.
- Only drive across the trenches when necessary. Never drive down the length of the trenches.
- To avoid additional soil compaction, never drive heavy vehicles over the completed system.

**EXCAVATING AND PREPARING THE SITE**

**NOTE:** As is the case with conventional systems, do not install the systems in wet conditions or in overly moist soils, as this causes machinery to smear the soil.

- Stake out location of trenches and lines. Set elevations of the tank, pipe, trench and trench bottom.
- Install sedimentation and erosion control measures. Temporary drainage swales/berms may be installed to protect the site during rainfall events.
- Excavate and level 3-foot-wide trenches with proper center-to-center separation. Verify trenches are level or have prescribed slope.
- NOTE: Over excavate the trench width in areas where you are planning to contour.
- Rake bottom and sides if smearing has occurred while excavating. Remove any large stones and other debris. Do not use the bucket teeth to rake the trench bottom.
- Verify that each trench is level using a level, transit, or laser.

**PREPARING THE QUICK4 PLUS ALL-IN-ONE 12 ENDCAPS**

**NOTE:** The Quick4 Plus All-in-One 12 Endcap is compatible with the Quick4 Plus Standard and Quick4 Plus High Capacity chambers, and can be used on either end of the trench, depending upon the installer's preference and configuration requirements.

- With a hole saw drill a 4 1/4-inch opening

**INSTALLING THE SYSTEM**

- Check the header pipe to be sure it is level or has the prescribed slope.
- Set the invert height as specified in the design from the bottom of the chamber inlet.
- Place the first chamber in the trench.
- Place the back edge of the endcap over the inlet end of

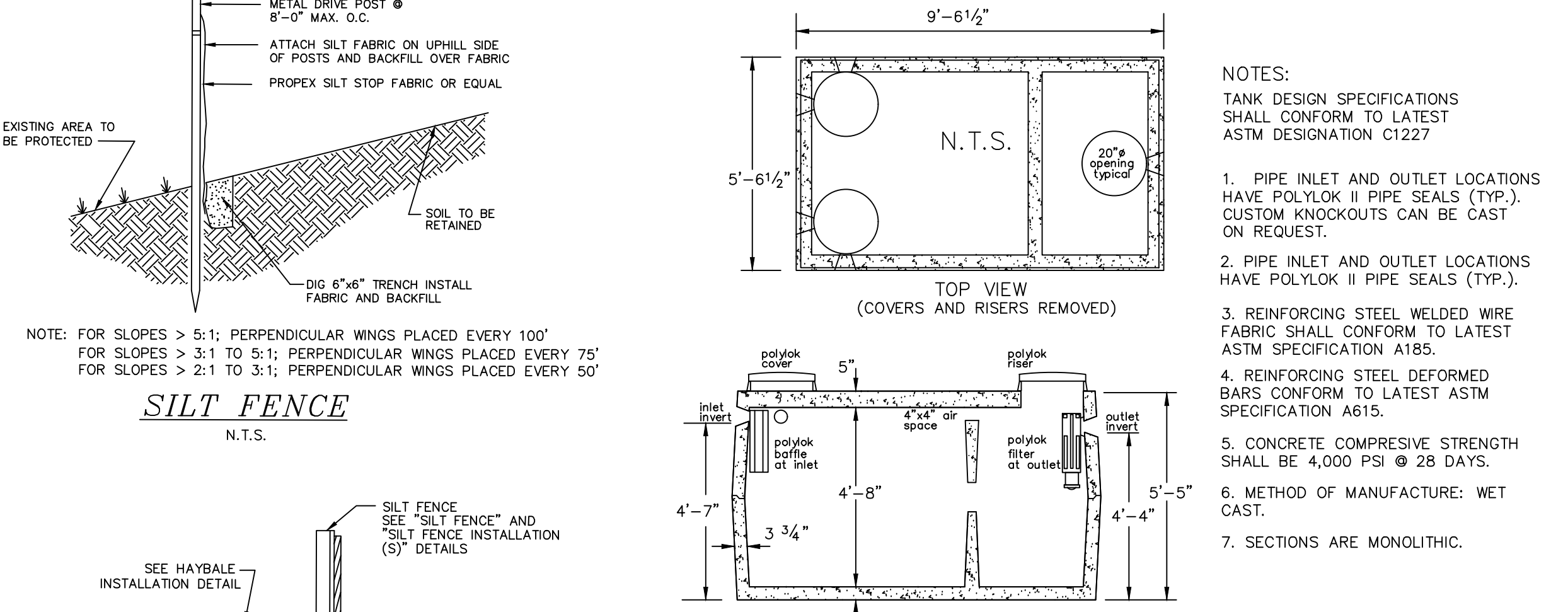
**INSTALLATION DETAIL**

1. Drill endcap.  
 2. Insert inlet pipe.  
 3. Insert inlet pipe.  
 4. Connect chambers.  
 5. Insert inlet pipe.  
 6. Connect chambers.

**NOTE:** When the chamber end is placed between the connector hook and locking pin at a 45-degree angle, the pin will be visible from the back side of the chamber. NOTE: The connector hook serves as a guide to ensure proper connection and does not add structural integrity to chamber joint. Broken hooks will not affect the structure or void the warranty.

4. Place endcap (inlet end).

Contact Infiltrator Water Technologies 1-800-221-4436 for additional technical and product information.



**SILT FENCE**

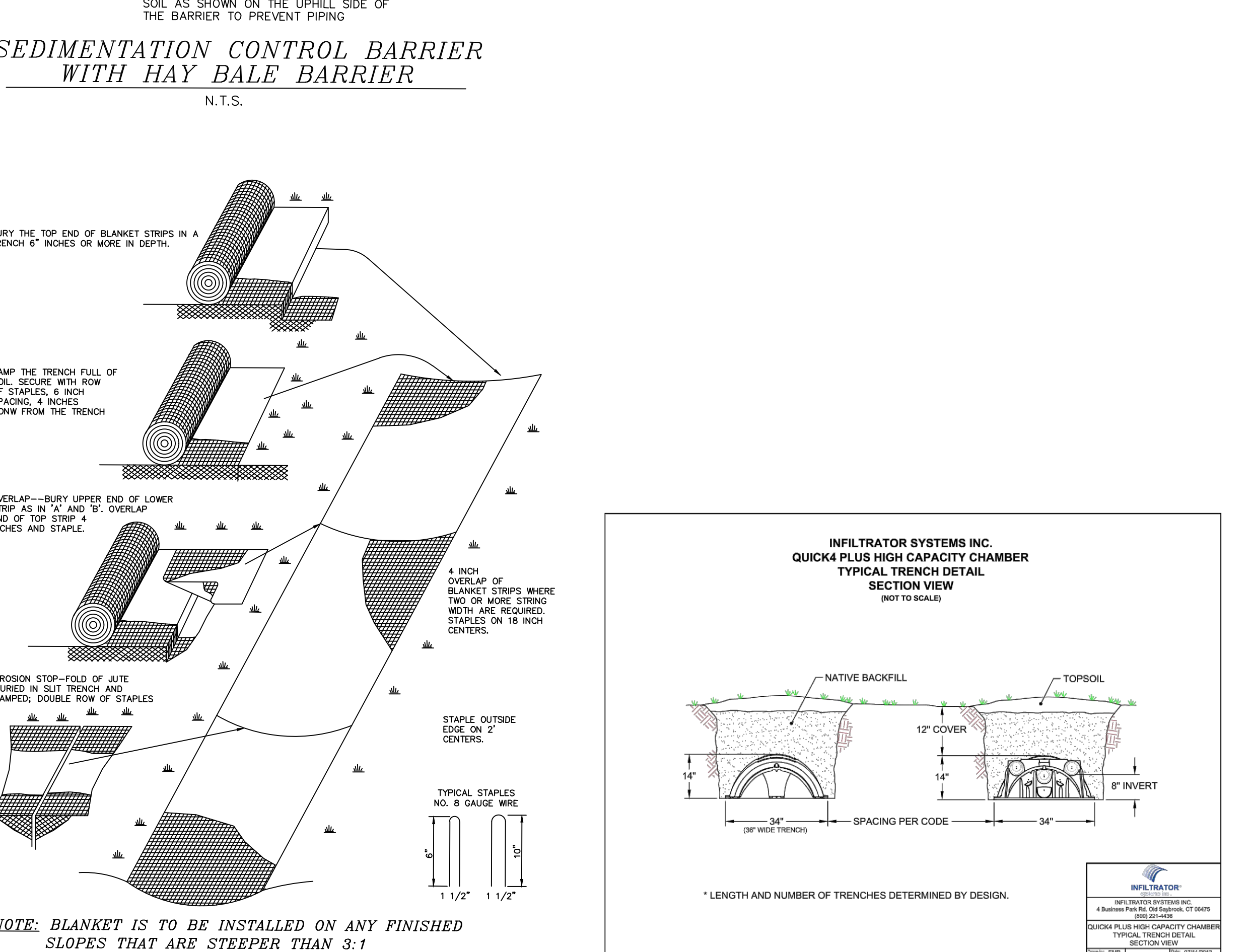
**1,250 GALLON SEPTIC TANK**

**NOTES:**

- PIPE INLET AND OUTLET LOCATIONS HAVE POLYLOK II PIPE SEALS (TYP.). CUSTOM KNOCKOUTS CAN BE CAST ON REQUEST.
- PIPE INLET AND OUTLET LOCATIONS HAVE POLYLOK II PIPE SEALS (TYP.).
- REINFORCING STEEL WELDED WIRE FABRIC SHALL CONFORM TO LATEST ASTM SPECIFICATION A185.
- REINFORCING STEEL DEFORMED BARS CONFORM TO LATEST ASTM SPECIFICATION A615.
- CONCRETE COMPRESSIVE STRENGTH SHALL BE 4,000 PSI @ 28 DAYS.
- METHOD OF MANUFACTURE: WET CAST.
- SECTIONS ARE MONOLITHIC.

**WEIGHT CHART**

PRODUCT	APPROX. WEIGHT
1,250 GAL. TANK	12,100 LBS.



**SEDIMENTATION CONTROL BARRIER WITH HAY BALE BARRIER**

**INSTALLATION DETAIL**

**NOTE:** BLANKET IS TO BE INSTALLED ON ANY FINISHED SLOPES THAT ARE STEEPER THAN 3:1

**INFLTRATOR SYSTEMS INC. QUICK4 PLUS HIGH CAPACITY CHAMBER TYPICAL TRENCH DETAIL SECTION VIEW (NOT TO SCALE)**

**INFLTRATOR SYSTEMS INC. QUICK4 PLUS HIGH CAPACITY CHAMBER TYPICAL TRENCH DETAIL SECTION VIEW (NOT TO SCALE)**

\* LENGTH AND NUMBER OF TRENCHES DETERMINED BY DESIGN.

**DETAIL SHEET**

**LONG HILL ESTATES**

**53 LONG HILL ROAD**

**EAST HAMPTON, CONNECTICUT**

*Robert V. Baltramaitis, P.E.*

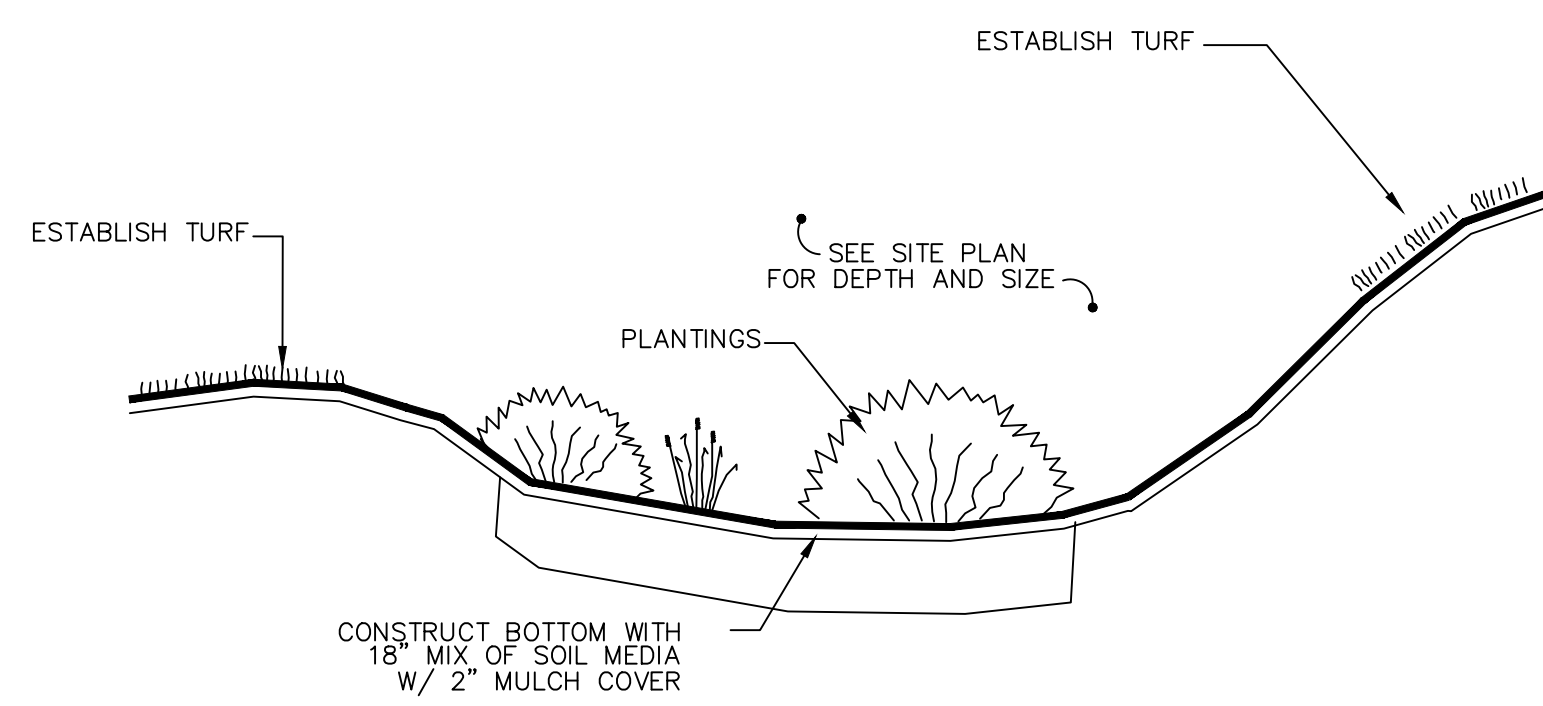
**27 Tammy Hill Road**

**Wallingford, Connecticut 06492**

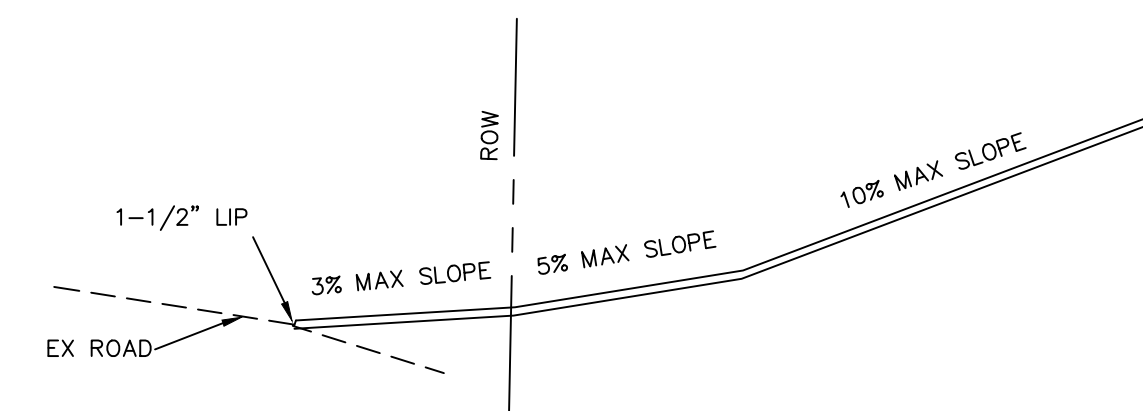
**(203) 915-8301**

1	5/04/21	ADDRESS STAFF COMMENTS	DATE:	SCALE:	SHT #:
#	DATE	DESCRIPTION	3/17/2021	NTS	DN-1
		REVISIONS			

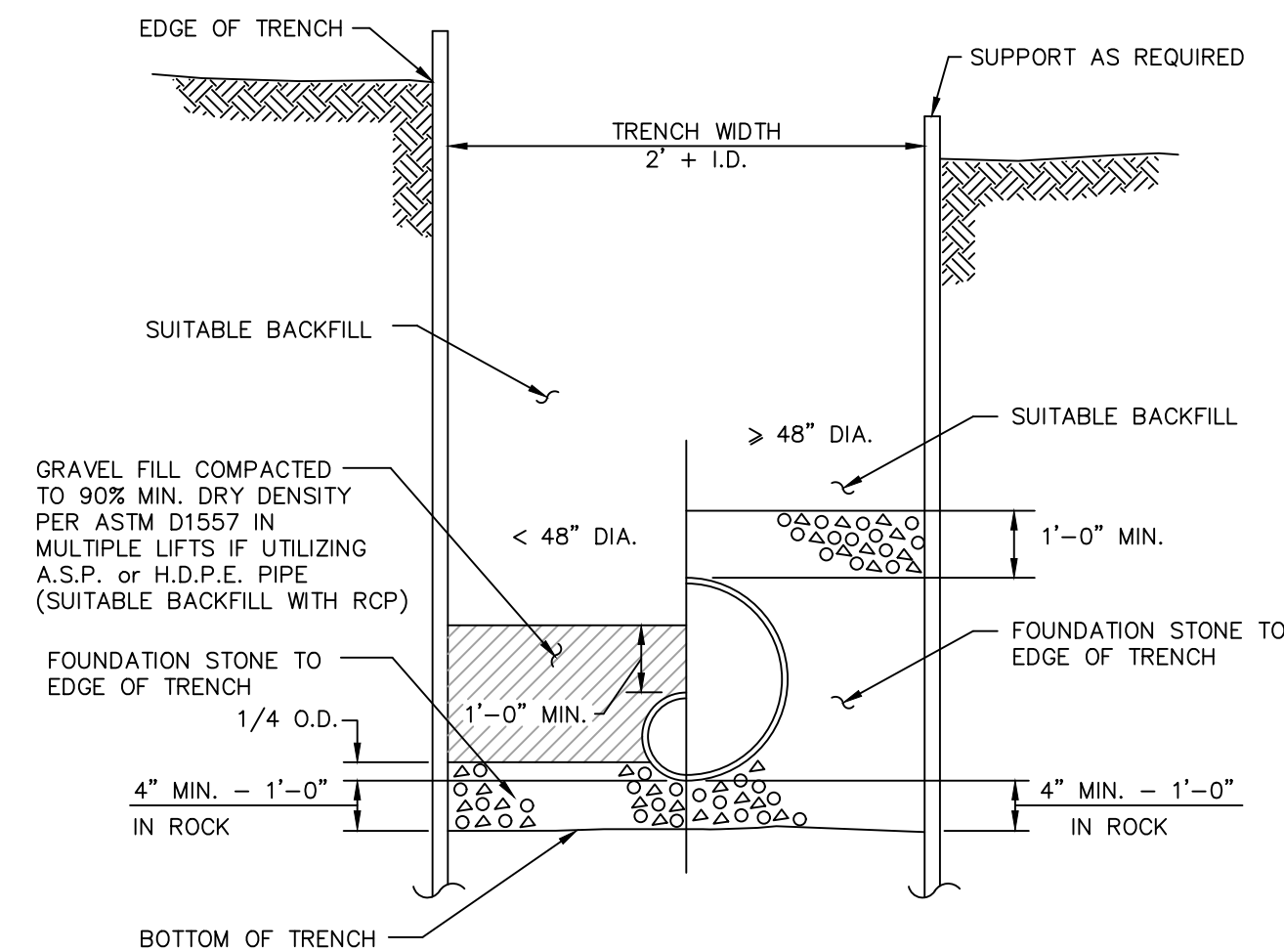




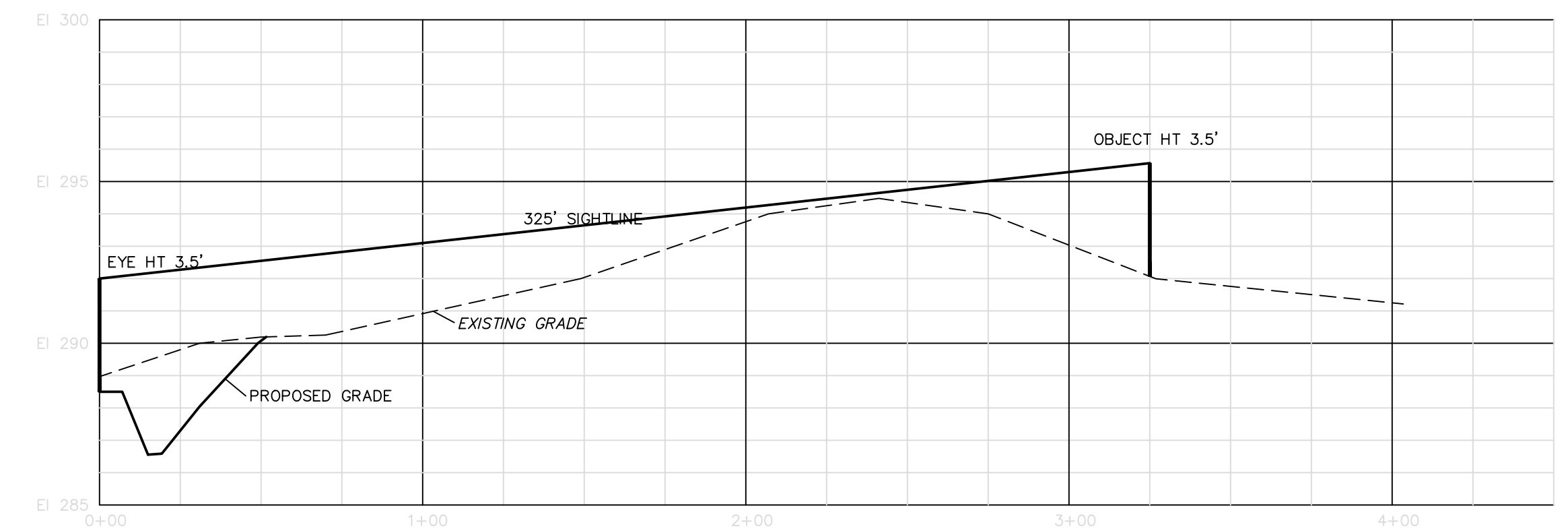
**RAINGARDEN/ BIORETENTION AREA**  
N.T.S.



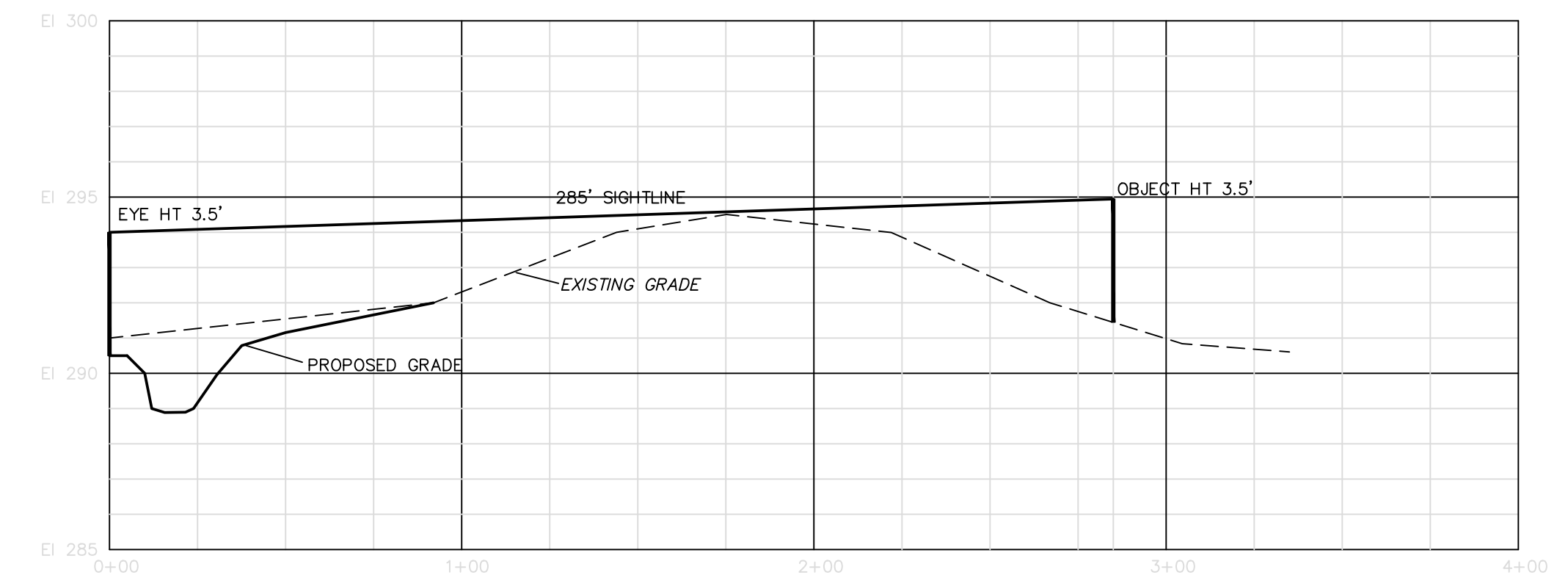
**PROPOSED DRIVEWAY SECTION**  
N.T.S.



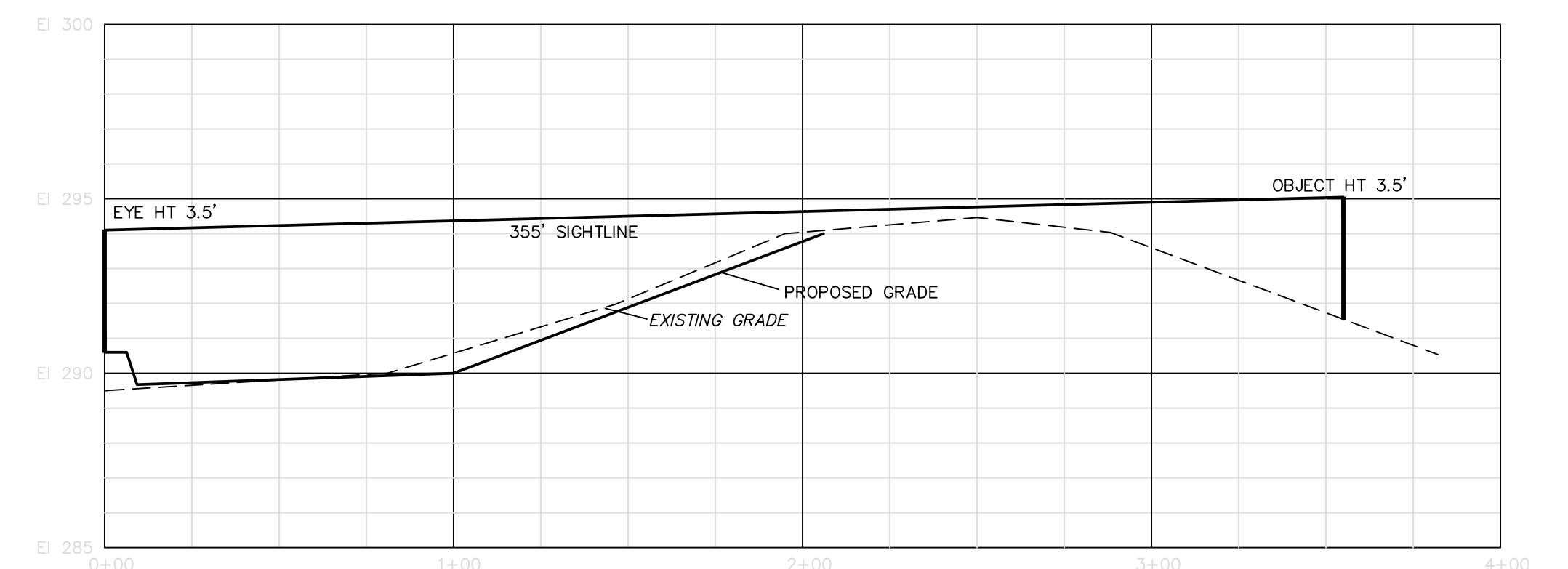
**TYPICAL STORM SEWER TRENCH SECTION**  
N.T.S.



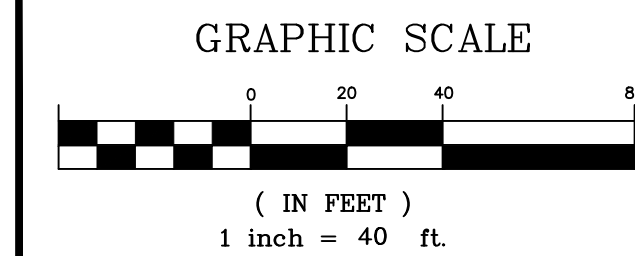
LOT #1 LOOKING EAST



LOT #2 AND 3 LOOKING EAST



LOT #7 LOOKING WEST



**SIGHT LINE PROFILES**

SCALE: 1" = 40' HORZ. / 1" = 4' VERT.

**SIGHT LINE PROFILES AND DETAILS**

**LONG HILL ESTATES**  
**53 LONG HILL ROAD**  
**EAST HAMPTON, CONNECTICUT**

*Robert V. Baltramaitis, P.E.*  
**27 Tammy Hill Road**  
**Wallingford, Connecticut 06492**  
**(203) 915-8301**

#	DATE	DESCRIPTION
1	5/04/21	ADDRESS STAFF COMMENTS
		REVISIONS

DATE:	SCALE:	SHT #:
4/25/2021	AS SHOWN	DN-2

