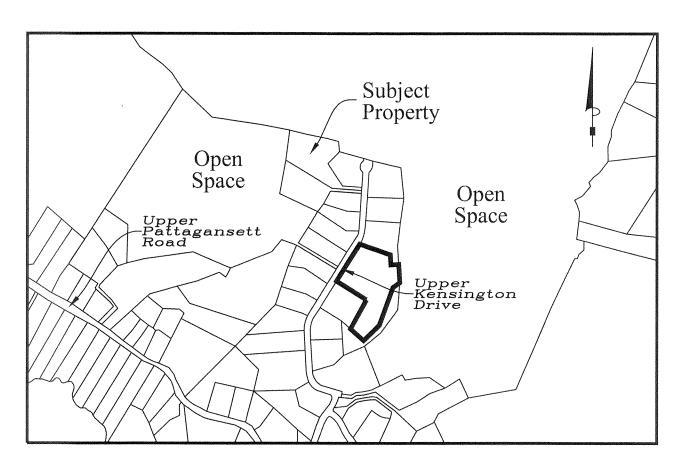
Nottingham Hills Subdivision Lot Line Revision of Existing Lot 27 2 Lot Re-Subdivision of Lot 27

Reference Maps

- . "NOTTINGHAM HILLS SUBDIVISION PHASE 3 NIANTIC REAL ESTATE, LLC, EAST LYME, CONNECTICUT"
 PREPARED BY J ROBERT PFANNER & ASSOCIATES P.C.
 DATED AUGUST 1, 2005 SCALE 1"=60"

- 8. "LOT LINE REVISION PLAN NOTTINGHAM HILLS SUBDIVISION LOTS 26, 27 & 28 PREPARED FOR: ENGLISH HARBOUR ASSET MANAGEMENT LLC PREPARED BY GESICK & ASSOCIATES P.C. DATED JANUARY 24, 2020 REVISED THRU AUGUST 2, 2021 SCALES PAGES 1 & 4 = 1"=50' PAGES 2 & 3 = 1"=40'



Location Map Scale: 1"=800'

Zoning Compliance Chart

APPROVED BY THE EAST LYME PLANNING COMMISSION
Chairman / Secretary
Approval Date
Filling Dateline
Expiration Date

ZONE = RU40 (CONSERVATION DESIGN DEVELOPMENT)							
	REQUIRED	REVISED LOT 27	NEW LOT 27-1	NEW LOT 27-2			
MINIMUM LOT SIZE	NONE REQUIRED	53,298.11 Sq. Ft.	61,346.21 Sq. Ft.	66,622.72 Sq. Ft.			
MINIMUM FRONTAGE	NONE REQUIRED	105.24'	129.74'	126.30'			
MINIMUM FRONT YARD	20'	327.1'	257.6'	250.1			
MINIMUM SIDE YARD (NORTH)	15'	26.8'	17.2'	27.0'			
MINIMUM SIDE YARD (SOUTH)	15'	29.9'	39.4'	21.8'			
MINIMUM REAR YARD	40'	75.4'	N/A	167.0'			
MAXIMUM BUILDING COVERAGE	25%	2400 Sq. Ft. (4.5%)	2400 Sq. Ft. (3.9%)	2400 Sq. Ft. (3.6%)			
MAXIMUM BUILDING HEIGHT	30'	<30'	<30'	<30'			
EXISTING LOT SIZE	N/A	N/A	N/A	N/A			

Sheet Index Sheet 1 - Title Sheet Sheet 2 - Existing Conditions Survey Sheet 3 - Subdivision Plan & Site Plan (Overview) Sheet 4 - Subdivision Plan & Site Plan Sheet 5 - Details Sheet 6 - Details

Notes

1) THIS SURVEY PLAN HAS BEEN PREPARED PURSUANT TO THE REGULATIONS 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 THE LAND SURVEYORS, INC. ON OCTOBER 26, 2018. A. TYPE OF SURVEY: TOPOGRAPHIC SURVEY.

B. WITH RESPECT TO THE PERIMETER OF THE PROPERTY THE BOUNDARY DETERMINATION IS BASED UPON A RESURVEY OF REFERENCE MAP #6. C. THIS SURVEY CONFORMS TO THE STANDARDS AND THE ACCURACY OF CLASS: A-2 HORIZONTAL & T-2 TOPOGRAPHIC ACCURACY. D. BEARINGS AS DEPICTED ARE BASED UPON REFERENCE MAP #7

E. ELEVATIONS BASED UPON REFERENCE MAP #1. F. CONTOUR INTERVAL = 2'. G. THE INTENT OF THIS MAP IS TO DEPICT THE EXISTING CONDITIONS OF THE

2) BOUNDARY LINES OF ADJOINING PROPERTIES ARE SHOWN FOR GENERAL INFORMATIONAL PURPOSES ONLY AND ARE NOT TO BE CONSTRUED AS BEING ACCURATELY LOCATED OR DEPICTED.

3) THE WORD "CERTIFY" AS USED IS UNDERSTOOD TO BE AN EXPRESSION OF PROFESSIONAL OPINION BY THE SURVEYOR. IT IS A DECLARATORY STATEMENT, SUCH IT CONSTITUTES NEITHER GUARANTEE NOR WARRANTY, EXPRESSED OR IMPLIED, OF ANY INFORMATION CONTAINED HEREON. NO CERTIFICATION IS EXPRESSED OR IMPLIED ON ANY ORIGINAL OR ANY DUPLICATE OF THIS MAP UNLESS IT BEARS AN ORIGINAL STAMP OR SEAL AND ORIGINAL SIGNATURE OF THE INDIVIDUAL WHOSE REGISTRATION NUMBER APPEARS HEREON.

4) THIS MAP IS THE PROPERTY OF GESICK & ASSOCIATES P.C. AND HAS BEEN SPECIFICALLY PREPARED FOR THE OWNER OF THIS PROJECT OR PROPERTY. IT IS NOT TO BE DUPLICATED OR USED IN PART OR WHOLE FOR ANY OTHER PURPOSE, PROJECT, LOCATION, OR OWNER WITHOUT THE EXPRESS WRITTEN CONSENT OF GESICK & ASSOCIATES P.C.

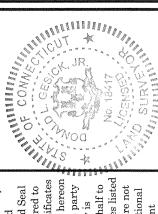
5) KRISTEN CLARKE IS THE INDIVIDUAL RESPONSIBLE INSTALLATION, MONITORING AND CORRECTION OF ALL EROSION AND SEDIMENTATION CONTROL

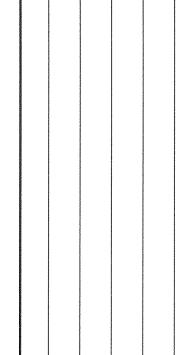
6) UTILITY EASEMENT DEPICTED ON SHEET 3 IS TAKEN FROM REFERENCE MAP #3 AND ALSO RECORDED IN THE EAST LYME LAND RECORDS DRAWER 6 #441 AND VOLUME 794 PAGE 510.

7) LOTS 26, 27 & 28 SHARE A COMMON DRIVEWAY & UTILITY EASEMENT IDENTIFIED IN THESE PLANS. IN ADDITION A MAINTENANCE AGREEMENT IS RECORDED IN VOLUME PAGE OF THE EAST LYME LAND RECORDS.

8) WELL AND SEPTIC LOCATIONS / LAYOUT PROVIDED BY KRISTEN CLARKE P.E. MANAGER, ENGLISH HARBOUR ASSET MANAGEMENT LLC. PER DISCUSSIONS WITH LEDGE LIGHT HEALTH DISTRICT.

Not Required Per Town of East Lyme Subdivision Regulations 5.2.2G





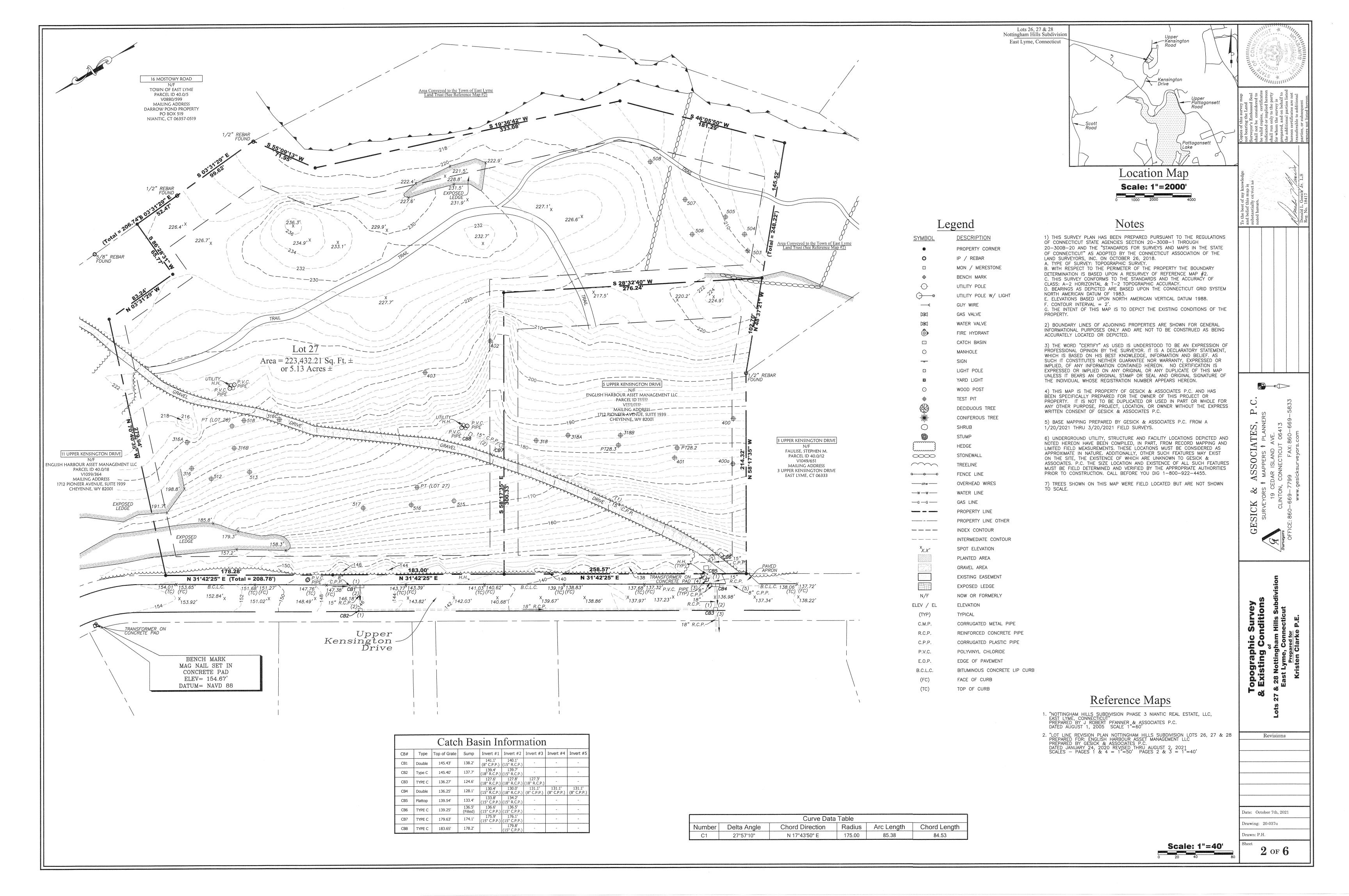
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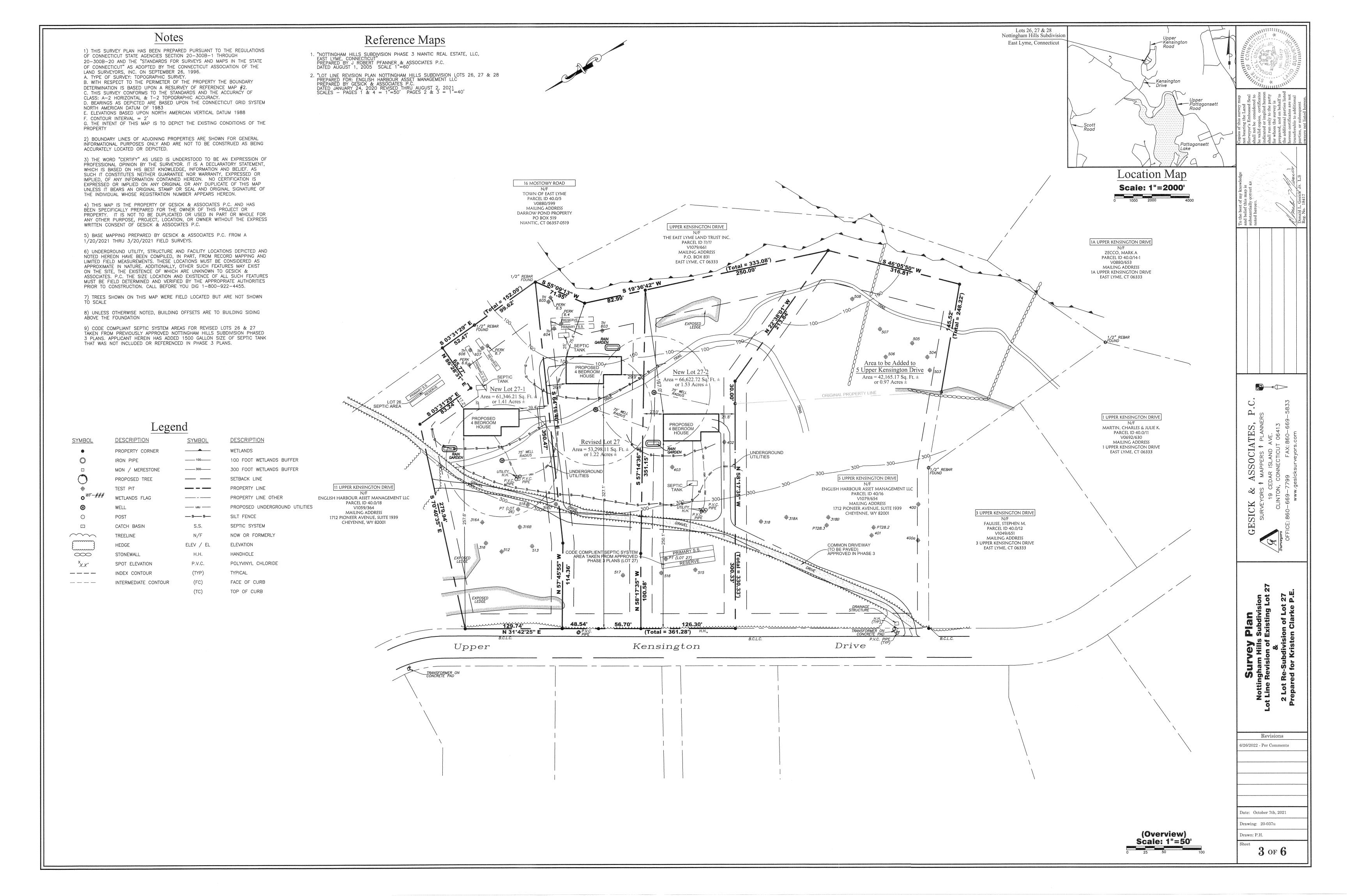
Revisions 6/26/2022 - Per Comments

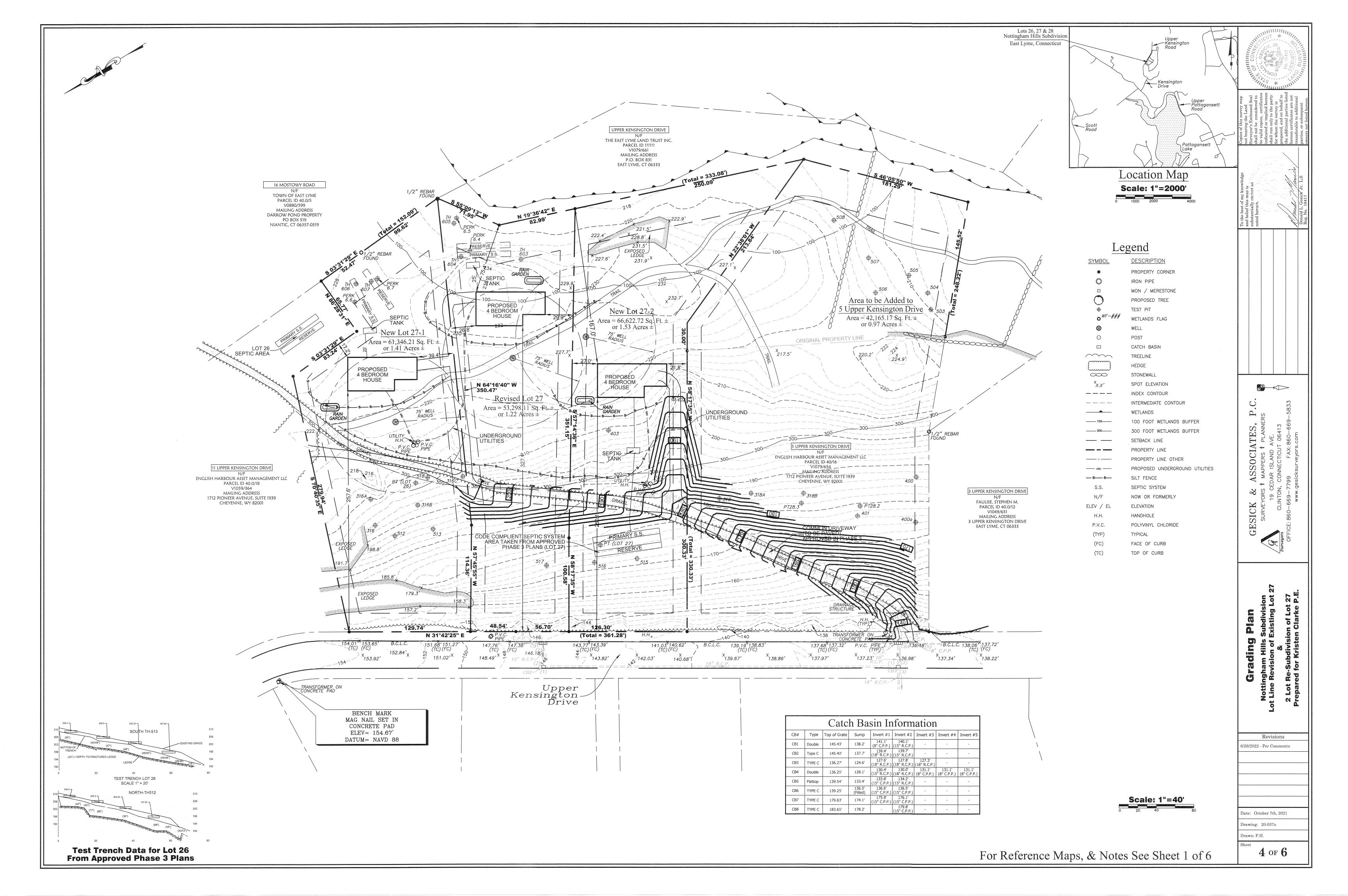
Date: October 7th, 2021

Drawn: P.H.

1 of 6







Nottingham Hills Subdivisi East Lyme, Connecticut Kensington Drive Location Map Scale: 1"=2000'

SITE TESTING - NOTTINGHAM HILLS II APRIL 1, 3 & 4, 2002

TEST HOLE #316 (LOT 26) (ledge outcrop 25 ft. +/- to east)

0 - 6/8" -humus 6 - 26" -orange/brown sandy loam/silt loam 26 - 72" -orange med/fine to fine silty sand & stone, heavy boulders SITE TESTING - SEPTEMBER 30, 2005

SITE TESTING - OCTOBER 3, 2005

8 - 26" -orange/brown loamy sand

26 - 42" -tan fine to very fine silty sand

0 - 8/10" -topsoil & humus

10 - 34" -orange/brown sandy loam with silt layer at low edge

88 - 123" -dark tan/brown med/fine to fine silty sand & stone

-no ledge, no water, max. water 88", mottled in silt layer at base

34 - 88" -gray/tan med/fine to fine silty sand & stone

42 - 60" -tan/brown med/fine to fine silty sand & stone

58 - 87" -brown/tan med/fine to fine silty sand & stone

87 - 118" -dark firm/compact fine silty sand & stone

109-149 " -dark gray/brown fine silty sand & stone

36 - 62" -tan med/fine to fine silty sand & stone

-ledge/fractured ledge varies (see profiles), no water, no max. water

60 - 109" -orange/tan to brown/gray med/fine to fine silty sand & stone

62 - 79" -east end mix fractured & decomposed stone sloping down to west

-fractured & decomposed ledge 62" sloping down to west, no water,

SITE TESTING - NOTTINGHAM HILLS SUB., SECTION III

60 - 64/87" -gray/tan firm, fine silty sand & stone

TEST HOLE #512

TEST HOLE #513

OCTOBER 7, 2005

TEST HOLE #515

28 - 36" -humus

TEST HOLE #516

0 - 33" -fill

33 - 42" -humus

ledge control

0 - 28" -loamy sand fill

36 - 58" -orange/brown loamy sand

-no ledge, no water, max. water 87"

42 - 60" orange/brown loamy sand

-no ledge, no water, max. water 109"

6 - 36" -orange/brown loamy sand

0 - 6/8" -topsoil & humus

0 - 10' -topsoil & humus

-boulders, no water, no max. water SITE TESTING - OCTOBER 29, 2002

TEST HOLE #316-B (Lot 26) 0 - 8/10" -topsoil & humus 8 - 36" -red/brown sandy loam/silt loam 36 - 38/53" -tan firm/compact fine silty sand & stone -ledge/fractured ledge 38-53" (W-E), no water, max. water?

TEST HOLE #316-C (Lot 26) 0 - 8" -topsoil & humus

8 - 46" -brown sandy loam/silt loam 46 - 52" -mix fractured ledge with silty sand & stone -ledge/fractured ledge 30-46-40" (E - W), no water, max. water?

TEST HOLE #318-B (Lot 28) 0 - 6" -humus 6 - 40" -red/brown silt loam

40 - 67/68" -tan/brown med/fine to fine silty sand & stone 67 - 86" -fractured ledge -fractured ledge 67", no water, no max. water

SITE TESTING - NOTTINGHAM HILLS SUB, SECTION II AUGUST 20, 2002

TEST HOLE #316-A (20-30 ft. uphill of TH #316) (Lot 26)

6 - 30" -orange/brown fine loamy sand/sandy loam 30 - 33/68" -mix fractured rock with med/fine silty sand & stone -ledge/fractured ledge 33/36", no water, max. water?

SITE TESTING - NOTTINGHAM HILLS SUB., PHASE III SEPTEMBER 19, 2005

TEST HOLE #503

0 - 30" -humus & orange/brown sandy loam 30 - 45/57" -tan med/fine to fine silty sand & stone (57"/45"/54" N-S)

45 - 50/76" -gray/brown fine silty sand & stone (65"/50"/676" N-S) -ledge 65-50-76" (N-S), no water, max. water 65/76"+/-

TEST HOLE #504 0 - 8" -topsoil & humus

8 - 26/32" -brown silt loam 26 - 63" -tan med/fine to fine silty sand & stone with pockets of dense brown silt

63 - 86" -brown fine silty sand & stone -ledge 52/48/86" N-S, no water, max. water ?, ledge control

TEST HOLE#505

0 - 22/36" -humus & brown sandy loam/loamy sand

22 - varies -tan med/fine to fine silty sand & stone -ledge 42-36-18-48" see cross section, no water, max. water?,ledge control

TEST HOLE #506 0 - 6/8" -topsoil & humus

6 - 30/36" -brown sandy loam 30 - 55" -tan med/fine to fine silty sand & stone

-ledge 44/25/55" see cross section, no water, ledge control

TEST HOLE #507 0 - 6" -topsoil & humus

6 - 30" -orange/brown loamy sand/sandy loam 30 - 55" tan med/fine to fine silty sand & stone with fractured

ledge at 48" at est end hole -ledge/fractured ledge 48-55", no water, max. water ?, ledge control

TEST HOLE #508

0 - 8" -humus 8 - 28" -brown sandy loam/loamy sand

28 - varies -tan med/fine to fine silty sand & stone with fractured

ledge west end 28/32" -ledge/fractured ledge 28-63-52", no water, max. water 24/26" at east end of hole GENERAL CONSTRUCTION SEQUENCE - COMMON DRIVEWAY & RAIN GARDEN

SECURE ALL NECESSARY PERMITS. NOTIFY "CALL BEFORE YOU DIG" (1-800-922-4455) AT LEAST 72 HOURS PRIOR TO EXCAVATION. SCHEDULE AND ATTEND A PRE-CONSTRUCTION CONFERENCE WITH TOWN STAFF.

2. CLEARING LIMITS WILL BE FLAGGED BY ENGINEER PRIOR TO WORK BEING DONE. LIMIT OF WORK ADJACENT TO WETLANDS WILL NOT BE EXCEEDED.

3. REMOVE TREES, BRANCHES AND BRUSH WITHIN AREAS TO BE CLEARED, CHIP BRANCHES AND BRUSH FOR USE AS MULCH.

INSTALL CONSTRUCTION EXIT (ANTI-TRACKING PAD) AND INSTALL SEDIMENT BARRIERS ALONG THE LIMITS OF GRADING AND AT THE LIMITS OF CLEARING FOR TREE PROTECTION.

CHECK AND REPAIR E&S CONTROLS AS NECESSARY

GRUB STUMPS AND REMOVE BRUSH

STRIP AND STOCKPILE TOPSOIL ONLY IN AREAS TO BE FILLED OR GRADED AND STOCKPILE ON SITE IN AN AREA NOT IN WAY OF CONSTRUCTION, SEED AND MULCH STOCKPILE OR COVER WITH NETTING. PLACE AND STAKE HAY BALES AROUND STOCKPILES.

ROUGH GRADE COMMON DRIVEWAY.

9. CONSTRUCT RAIN GARDEN. PLANTINGS RECOMMENDED IN THE MONTHS OF MAY OR SEPTEMBER.

10. PLACE GRAVEL AND PAVEMENT IN COMMON DRIVEWAY.

11. RE-SPREAD TOPSOIL ON SHOULDERS AND DISTURBED AREAS.

12. GRADE, LIME, FERTILIZE AND SEED REMAINING LAWN AREAS WITH FORMAL GRASS SEED MIXTURE BY JUNE 1 OR OCTOBER 1 DEPENDING ON ACTUAL CONSTRUCTION SCHEDULE.

13. REMOVE EROSION CONTROL DEVICES UPON AUTHORIZATION OF TOWN OFFICIALS.

LOT #	PERC RATE	SLOPE	MAX. GW	FF	PF	MLSS	
26	8.0	34	36.1-42	2.0	1.2	<i>38.4</i>	
27	10.0	30	48.1-60.0	2.0	1.2	24.0	

EROSION & SEDIMENT CONTROL

DISTURBANCE OF SOIL SURFACES IS REGULATED BY STATE LAW. ALL WORK SHALL COMPLY WITH AN APPROVED "EROSION AND SEDIMENT CONTROL PLAN" TO PREVENT OR MINIMIZE SOIL

THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL DEVICES IS THE RESPONSIBILITY OF THE LAND OWNER, DEVELOPER, AND THE EXCAVATION CONTRACTOR. TOWN OFFICIALS SHALL BE NOTIFIED IN WRITING OF THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE INDIVIDUAL RESPONSIBLE FOR THIS WORK.

THE CONTRACTOR SHALL USE THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (2002). AS AMENDED, AS A GUIDE IN CONSTRUCTING THE EROSION AND SEDIMENT CONTROLS INDICATED ON THESE PLANS. THE GUIDELINES MAY BE OBTAINED FROM THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION, STATE OFFICE BUILDING, HARTFORD, CT.06106.

THE CONTRACTOR SHALL INFORM ALL CONSTRUCTION SITE WORKERS ABOUT THE MAJOR PROVISIONS OF THE EROSION AND SEDIMENT CONTROL PLAN AND SEEK THEIR COOPERATION IN AVOIDING THE DISTURBANCE OF THESE CONTROL MEASURES.

THE CONTRACTOR SHALL SCHEDULE ALL OPERATIONS TO LIMIT DISTURBANCE TO THE SMALLEST PRACTICAL AREA FOR THE SHORTEST POSSIBLE TIME.

THE CONTRACTOR IS RESPONSIBLE FOR THE TIMELY INSTALLATION, INSPECTION, REPAIR OR REPLACEMENT OF EROSION CONTROL DEVICES TO INSURE PROPER OPERATION.

SEDIMENT CONTROL DEVICES AT THE END OF EACH WORKING DAY AND AFTER EACH STORM.

THE CONTRACTOR SHALL INSPECT AND REPAIR EROSION AND

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF UNSATISFACTORY EROSION CONDITIONS NOT CONTROLLED BY THE FROSION AND SEDIMENT CONTROL PLAN AND SHALL INSTALL ADDITIONAL MEASURES AS DIRECTED.

FIELD CHANGES TO THE EROSION AND SEDIMENT CONTROL PLAN SHALL BE MADE ONLY WITH THE APPROVAL OF THE ENVIRONMENTAL TOWN PLANNER OR AGENT. i.e. LOCATION OF SILT FENCE, STOCKPILE, DE-WATERING AREA etc.

ACCUMULATED SEDIMENT REMOVED FROM EROSION CONTROL 10. DEVICES IS TO BE SPREAD AND STABILIZED IN LEVEL. EROSION RESISTANT LOCATIONS AS GENERAL FILL WITHIN LAWN AND LANDSCAPE AREAS.

11. ALL DISTURBED AREAS NOT COVERED BY BUILDINGS, PAVEMENT OR WOOD MULCH SHALL BE PLANTED WITH GRASS ON 4 IN. TOPSOIL OR 8" SAND.

12. MULCHING: IMMEDIATELY FOLLOWING SEEDING, MULCH THE SEEDED SURFACE WITH STRAW OR HAY AT A RATE OF 70 LBS./1000 SF. SPREAD MULCH BY HAND OR MULCH BLOWER. PUNCH MULCH INTO SOIL SURFACE WITH TRACK MACHINE APPROXIMATELY 2-3 IN. TO ANCHOR.

└ 13. SEEDING: BETWEEN APRIL 1 TO JUNE 1, AND AUGUST 15 TO SEPTEMBER 1. ALL DISTURBED AREAS SHALL BE IMMEDIATELY GRADED AND SEEDED TO PROMOTE STABILIZATION OF SLOPES. SEEDING SHALL BE DONE IN ACCORDANCE WITH THE ARCHITECTS SEEDING AND SLOPE STABILIZATION DIRECTIVES.

14. A FABRIC FILTER SOCK SHALL BE USED FOR ANY DEWATERING.

15. STRAW EROSION BLANKETS WILL BE USED ON ALL DISTURBED SLOPES OF 25% OR GREATER IN ADDITION TO STANDARD EROSION CONTROL MEASURES. SOIL AND EROSION CONTROL

1. HAY BALES / SILT FENCE ARE TO BE INSTALLED PRIOR TO CONSTRUCTION.

3. PERMANENT SEEDING SHOULD BE DONE AS SOON AS POSSIBLE AFTER CONSTRUCTION FINISHES. LIME AND FERTILIZE. RECOMMENDED SEEDING DATES ARE APRIL 15 TO JUNE & AUG. 15 TO OCT. 1.

DISTURBED AREAS ARE PERMANENTLY STABILIZED.

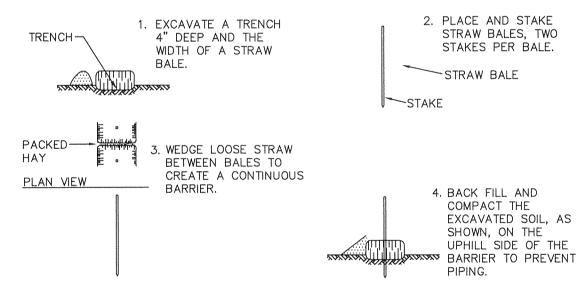
INTO THE DRAINAGE SYSTEM.

TO BE APPLIED IN ACCORDANCE WITH THE TABLE BELOW.

RATES NOTES MULCHES PER 1000 FT FREE FROM WEEDS & COURSE STRAW OR HAY 1/2 - 2 TONS 70-90lbs. MATTER. MUST BE ANCHORED PER ACRE SPREAD WITH MULCH BLOWER OR BY HAND

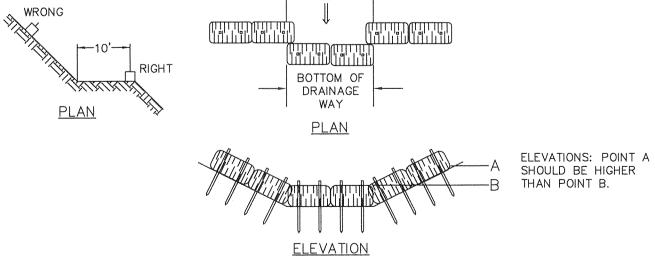
ANY HAY BALES OR SILT FENCE REMOVED DURING CONSTRUCTION SHOULD BE REPLACED EACH NIGHT.

9. ANY MATERIAL STOCK PILED SHOULD BE TEMPORARILY SEEDED.



10. ALL ROAD SECTION EMBANKMENTS, EITHER CUT OR FILL, SHOULD BE STABILIZED AT THE TOE OF THE SLOPE BY STAKED HAY BALES OR SILT

11. SWALES AND DIVERSION STRUCTURES SHOULD HAVE HAY BALES PLACED ACROSS THEM EVERY 100' IN ACCORDANCE WITH THE DETAIL BELOW.



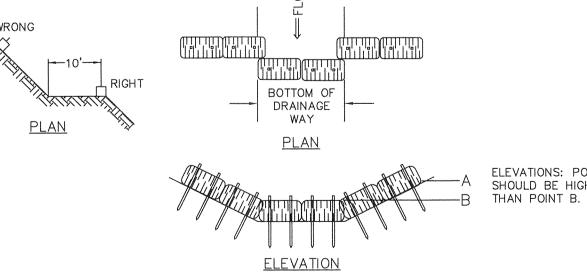
2. ONLY REMOVE TREES AND VEGETATION NECESSARY FOR CONSTRUCTION.

4. HAY BALES AND SILT FENCE TO REMAIN WHERE PLACED UNTIL ALL

5. NO ERODED SEDIMENT SHALL BE PERMITTED TO LEAVE THE SITE OR WASH

6. IF SEEDING CANNOT MEET RECOMMENDED DATES, TEMPORARY MULCH IS

TYPICAL HAY BALE INSTALLATION



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Revisions /26/2022 - Per Comments

Date: October 7th, 2021 rawing: 20-037u

Drawn: P.H.

5 of 6

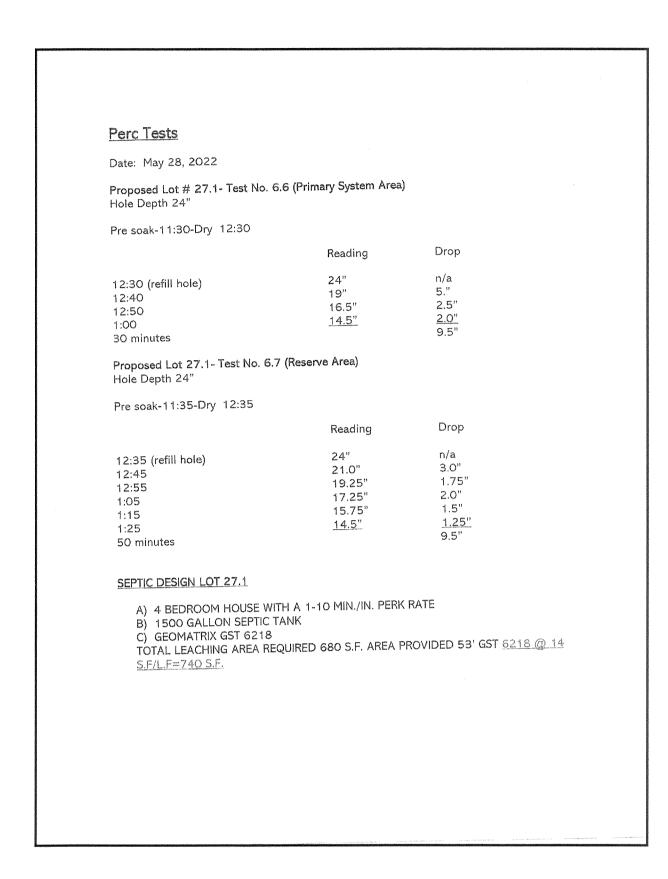
SEPTIC SYSTEM DESIGN PROVIDED BY KRISTEN CLARKE P.E. MANAGER, ENGLISH HARBOUR ASSET MANAGEMENT LLC, PER CONNECTICUT PUBLIC HEALTH CODE TECHNICAL STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL SYSTEMS:

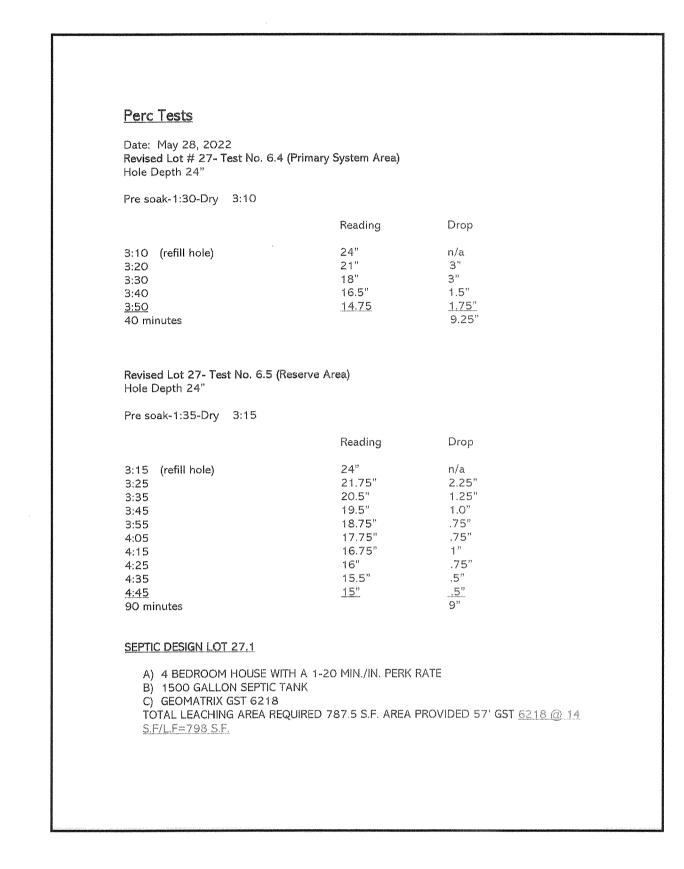
THE BASIS OF THE LEACHING DESIGN IDENTIFIED ON THE PLAN REVISED JUNE 21, 2022 AS FOLLOWS:

LOT 27-2 A) 4 BEDROOM HOUSE WITH A 10-20 MIN. /IN. PERC RATE

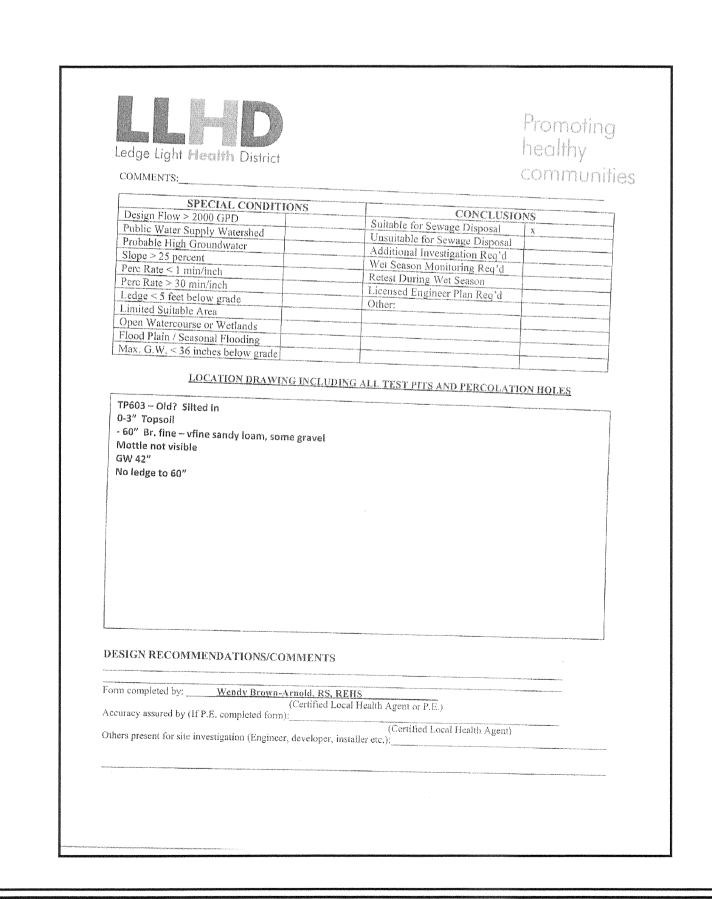
B) 1500 GALLON SEPTIC TANK C) GEOMATRIX GST 6236

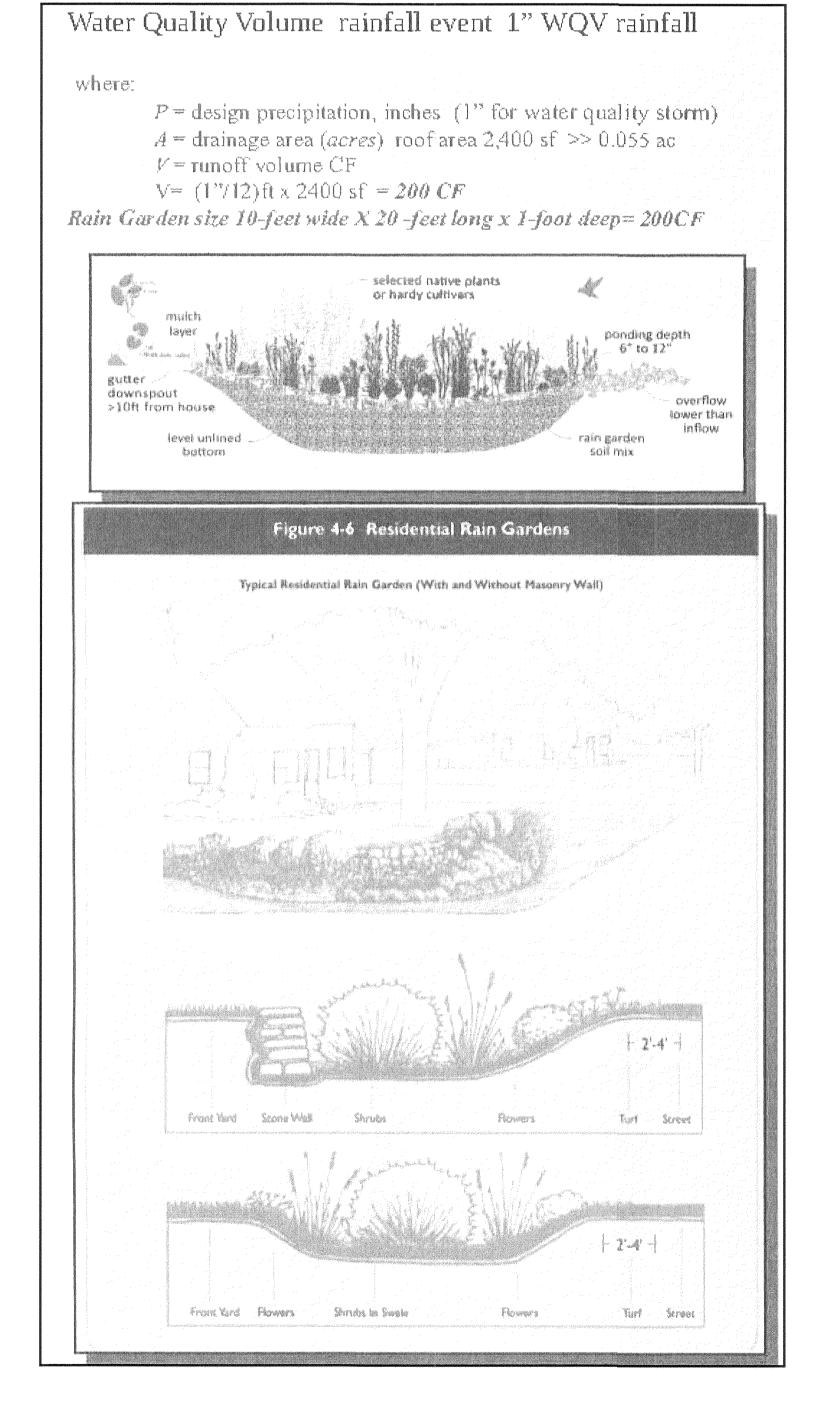
D) TOTAL LEACHING AREA REQUIRED 888 S.F. AREA PROVIDED 53' GST 6236@ 26.2 S.F. / L.F. = 1386.6 S.F. ORIGINAL PHASE 3 LOCATION FOR LOT 27.

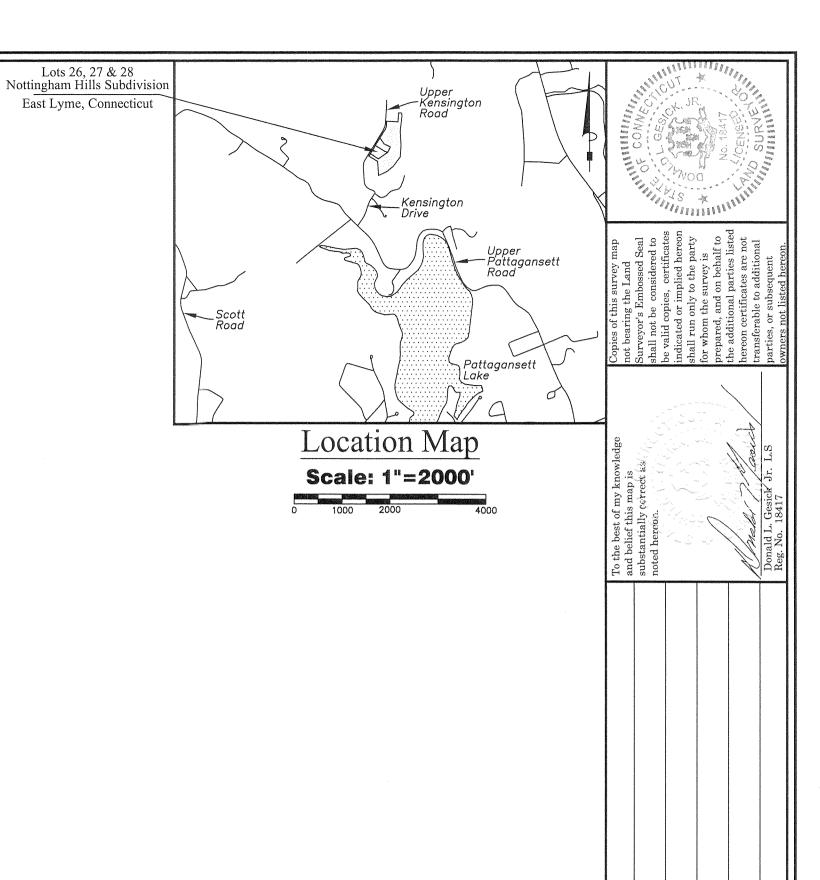


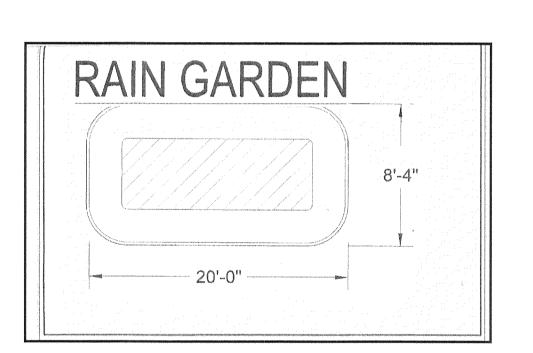


Ledge Light Health				Promotion healthy communication	
SITE IN Property Addresss: Lot 27	VESTIGATION FOR A Nottingham Hills (Upper K	SUBSURFACE Lensington Dr) Tow	SEWAGE DIST	POSAL SYSTEM	
	DEEP TEST P	IT DATA/SOIL DI	SCRIPTIONS		
DATE: 6-3-2022 TEST PIT: 604	(Record	all Test Pits) TEST PIT:	606	TEST PIT: 607	Tred serves over a negroup
0-3" Topsoil - 31" Br. fine sandy loam w/silt - 68" Br. – tan medium sand loam, some silt - 77" Gray v fine sand w/sil Mottled silty deposit at 37"	w/cilr	some silt	oil ne sandy loam, med sand w/	0-4" Topsoil - 29" Br. fine sandy some silt - 77" Tan f – med se gravel, few cobbles	
Mottles: 68"	Mottles: 44"	Mottles: 60'	' (faint)	Mottles: 62" (faint)	
GW: 75"	GW: 48"	GW: 65" (da	arup)	GW: 67" (damp)	************
Ledge: none to 77"	Ledge: none to 72"	Ledge: none	to 80"	Ledge:	harmana me e, v s.o. ,
Roots:	Roots: to	Roots to:		Roots to:	and the special section of the secti
Restrictive:	Restrictive:	Restrictive:	provide the state of the state	Restrictive:	FAN Anniana arana
GROUNDWATER TABLE (Near SOIL MOISTURE (High, medium) DATE: Percs by engineer PERC: DEPTH: PRESOAK: TIME REAI	, low, etc.): medi PERCO (Reco	DELOW MAX JID LATION TEST D, ord all Perc Tests) PERC: DEPTH: PRESOAK: TIME	ATA READING	Min/in	
PERC RATE:		PERC RATE:			











Revisions 6/26/2022 - Per Comments

Date: October 7th, 2021 Drawing: 20-037u Drawn: P.H. 6 of 6