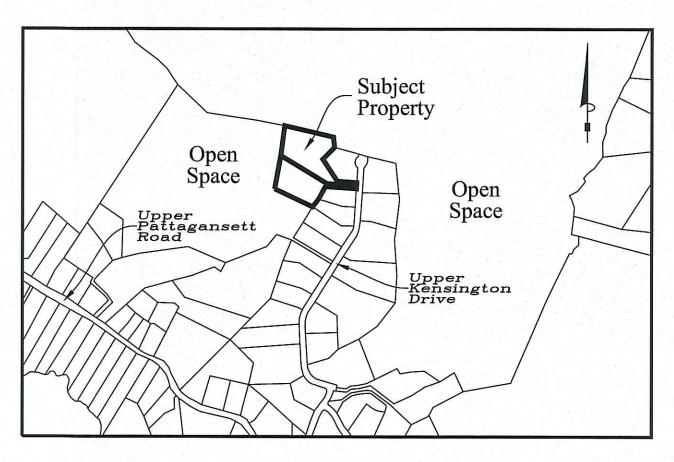
Nottingham Hills Subdivision Lot Line Revisons of Existing Lots 19 & 21 &

Conservation Design Development 1 Lot Re-Subdivision of Portions of Lots 19 & 21

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"
- 2. "LOT LINE REVISION MAP LOT 20 UPPER KENSINGTON DRIVE & 239 UPPER PATTAGANSETT ROAD PREPARED FOR NEW ENGLAND NATIONAL LLC." PREPARED BY J ROBERT PFANNER & ASSOCIATES P.C. DATED APRIL 28, 2006 SCALE 1"=80'
- 3. "COMPILATION PLAN MAP SHOWING EASEMENT AREA TO BE GRANTED TO THE CONNECTICUL LIGHT AND POWER COMPANY ACROSS THE PROPERTY OF NIANTIC REAL ESTATE, LLC NOTTINGHAM HILLS SUBDIVISION, PHASE 3 UPPER KENSINGTON DRIVE EAST LYME, CONNECTICUT CL&P FILE NUMBER E6247" PREPARED BY J ROBERT PFANNER & ASSOCIATES P.C. DATED OF THE ROBERT PENELS AND ACCOUNTY OF THE PROPERTY OF
- 4. "NOTTINGHAM HILLS SUBDIVISION PHASE 4 NEW ENGLAND NATIONAL LLC, EAST LYME, CONNECTICUT"
 PREPARED BY J ROBERT PFANNER & ASSOCIATES P.C.
- 5. "IMPROVEMENT LOCATION SURVEY ZONING LOT LINE REVISION MAP PREPARED FOR NEW ENGLAND NATIONAL LLC."
 LOCATION UPPER PATTAGANSETT ROAD, EAST LYME"
 PREPARED BY J ROBERT PFANNER & ASSOCIATES P.C.
- 6. "LOT LINE REVISIONS NOTTINGHAM HILLS SUBDIVISION LOTS 19, 20, 21 & 32 PROPERTY OWNER: ENGLISH HARBOUR ASSET MANAGEMENT LLC C/O KRISTEN CLARKE P.E. 375 N. BEND DRIVE MANCHESTER, NH" PREPARED BY GESICK & ASSOCIATES P.C.
- 7. TOPOGRAPHIC SURVEY OF LOTS 19 & 21 NOTTINGHAM HILLS SUBDIVISION EAST LYME, CONNECTICUT PREPARED FOR PROPERTY OWNER: ENGLISH HARBOUI ASSET MANAGEMENT LLC C/O KRISTEN CLARKE P.E. 375 N. BEND DRIVE MANCHESTER, NEW HAMPSHIRE" PREPARED BY GESICK & ASSOCIATES P.C.



Location Map

Scale: 1"=800'

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 #1

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 PROPERTY

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, WHICH IS BASED ON HIS BEST KNOWLEDGE, INFORMATION AND BELIEF. AS 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) JASON PAZZAGLIA IS THE INDIVIDUAL RESPONSIBLE INSTALLATION, MONITORING AND CORRECTION OF ALL EROSION AND SEDIMENTATION CONTROL MEASURES

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 19, 21 & 23 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.

Zoning Compliance Chart

APPROVED BY TH	HE EAST L	YME PLANNING	COMMISSION
Chairman / Secretary			
Approval Date			
Filling Dateline			
Expiration Date			

ZONE = RU40 (CONSERVATION DESIGN DEVELOPMENT)							
	REQUIRED	REVISED LOT 19	PROPOSED LOT 23	REVISED LOT 21			
MINIMUM LOT SIZE	NONE REQUIRED	66976.52 Sq. Ft.	49873.49 Sq. Ft.	48261.44 Sq. Ft.			
MINIMUM FRONTAGE	NONE REQUIRED	25.00'	0.00'	25.00'			
MINIMUM FRONT YARD	10'	114.6'	N/A	N/A			
MINIMUM SIDE YARD (NORTH)	15'	22.5'	16.9'	41.2'			
MINIMUM SIDE YARD (SOUTH)	15 '	114.0'	16.2'	37.8'			
MINIMUM REAR YARD	30'	125.9'	121.2'	62.2'			
MAXIMUM BUILDING COVERAGE	25%	1680 Sq. Ft. (2.5%)	1680 Sq. Ft. (3.4%)	1680 Sq. Ft. (3.5%)			
MAXIMUM BUILDING HEIGHT	30'	<30'	<30'	<30'			
EXISTING LOT SIZE	N/A	84295.05 Sq. Ft.	N/A	80816.40 Sq. Ft.			

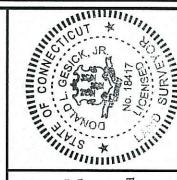
Sheet Index
Sheet 1 - Title Sheet
Sheet 2 - Existing Conditions Survey
Sheet 3 - Subdivision Plan & Site Plan
Sheet 4 - Septic & Well Plan
Sheet 5 - Details

EROSION AND SEDIMENTATION CONTROL PLAN CERTIFIED BY VOTE OF THE EAST LYME PLANNING COMMISSION ON

Not Required Per Town of East Lyme
Subdivision Regulations 5.2.2G

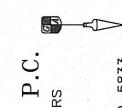
Date

Chairman or Secretary



Copies of this survey map not bearing the Land Surveyor's Embossed Seal shall not be considered to be valid copies, certificates indicated or implied hereon shall run only to the party for whom the survey is prepared, and on behalf to the additional parties listed.

To the best of my knowledge and belief this map is substantially correct as noted hereon.



GESICK & ASSOCIATES, P
SURVEYORS & MAPPERS & PLANNERS
19 CEDAR ISLAND AVE.
CLINTON, CONNECTICUT 06413
FFICE: 860-669-7799 FAX: 860-669-5

Nottingham Hills Subdivision
t Line Revisons of Existing Lots 19 &
Conservation Design Development
1 Lot Re-Subdivision of Portions

Revisions
6/25/2020 - Misc Changes
7/30/2020 - Per Town Comment
8/27/2020 - Per Additional
Comments
9/23/2020 - Per Additional
Comments
10/19/2020 - Per Additional

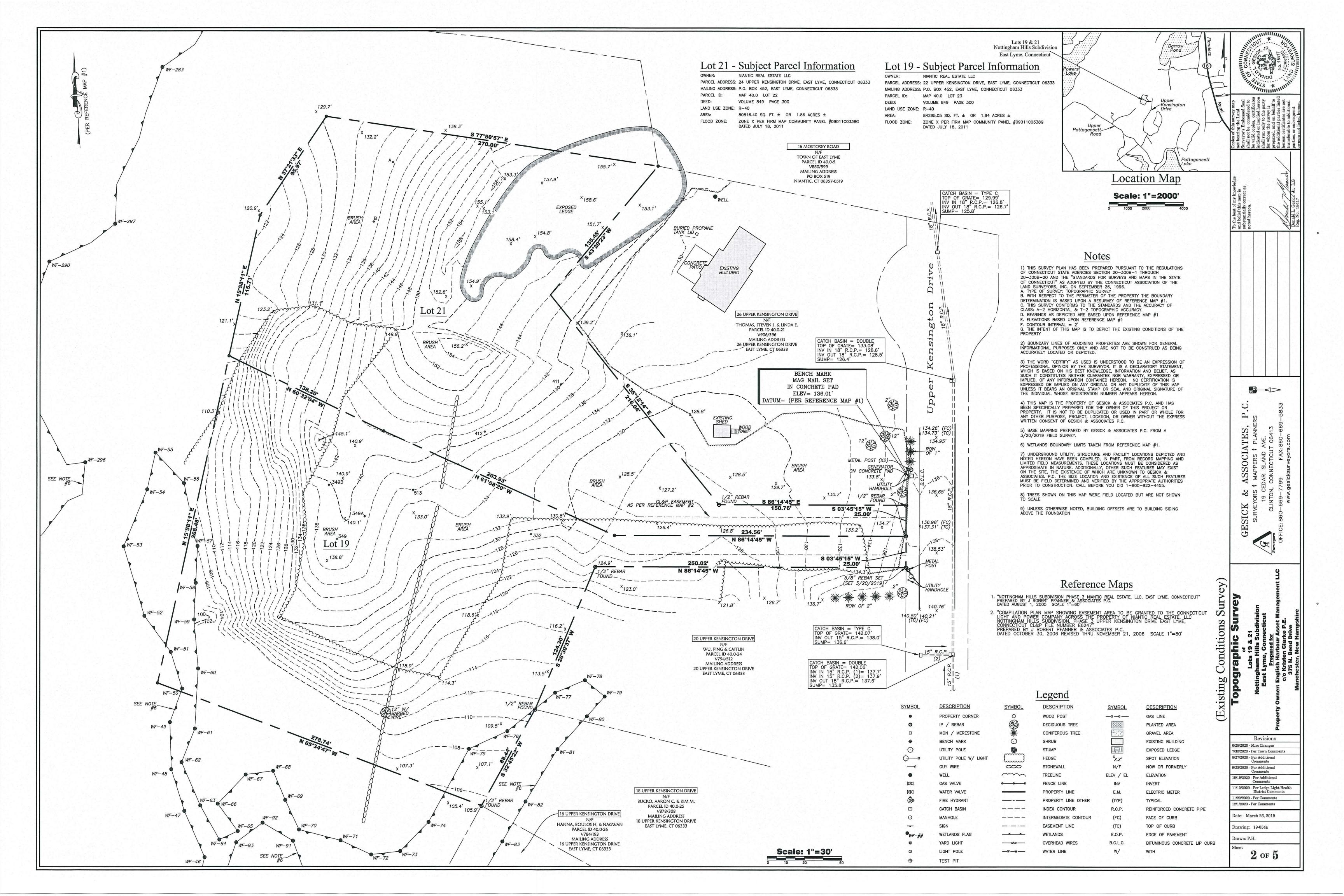
11/10/2020 - Per Ledge Light District Comme 11/20/2020 - Per Comments 12/1/2020 - Per Comments

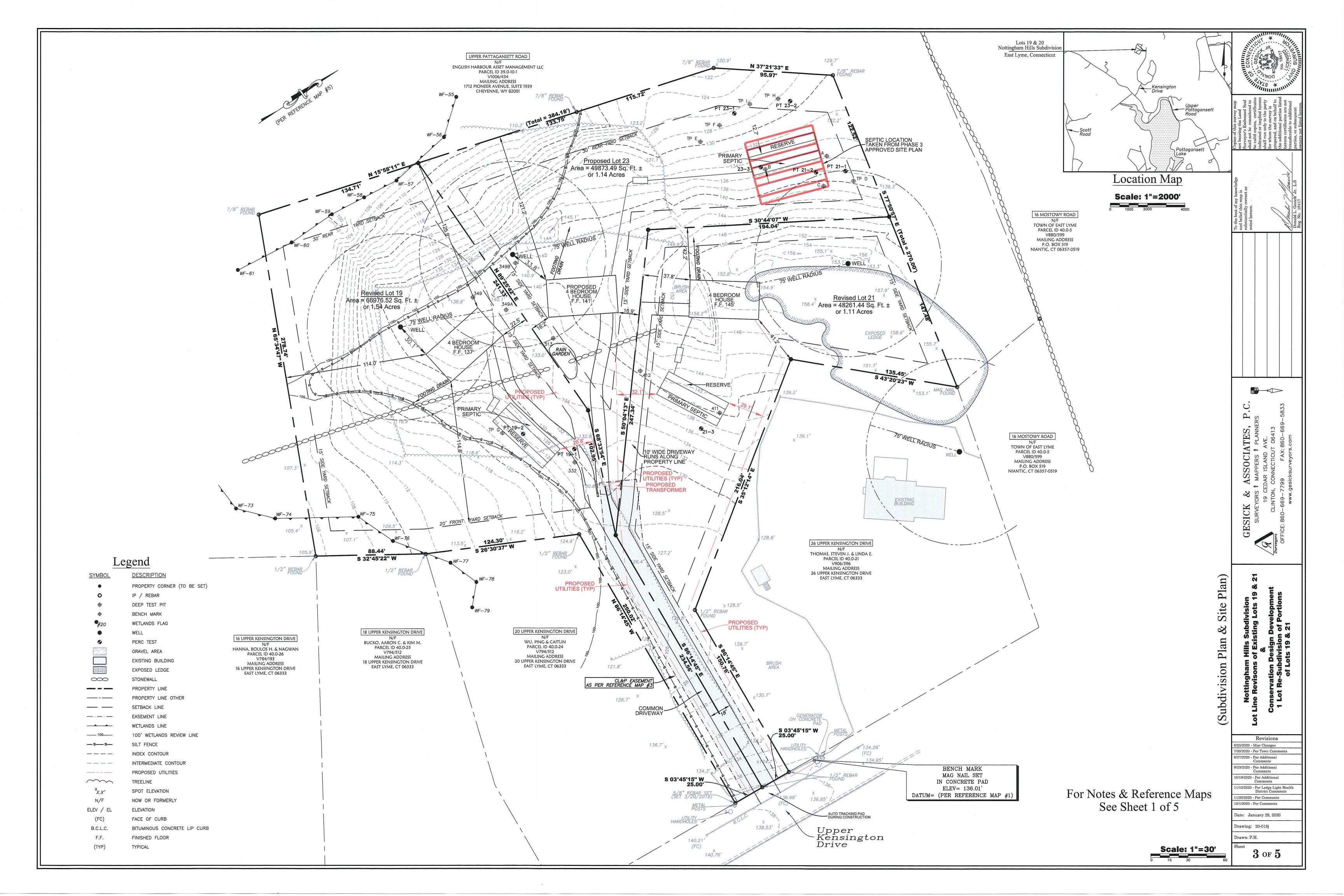
Date: January 29, 2020

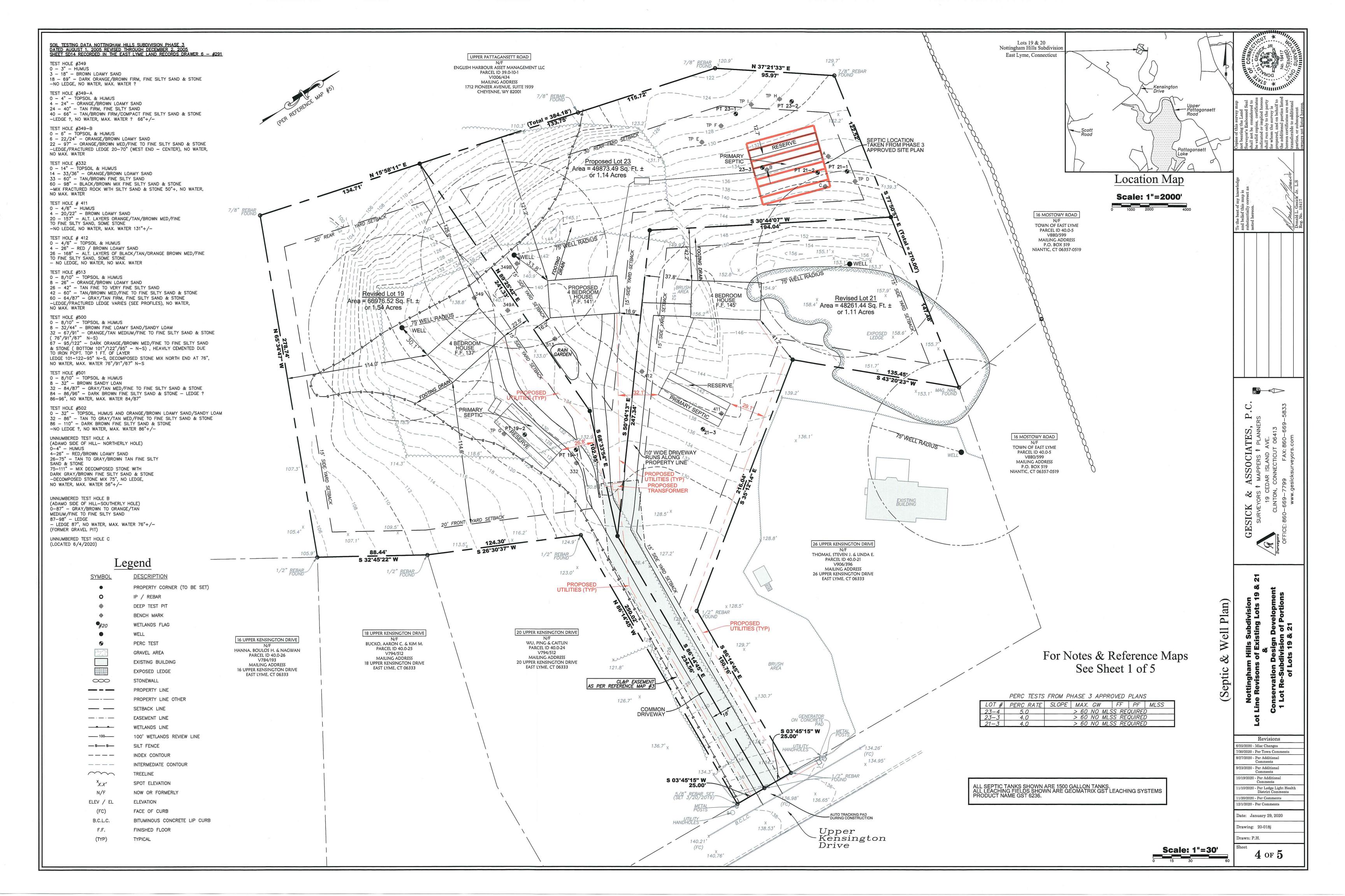
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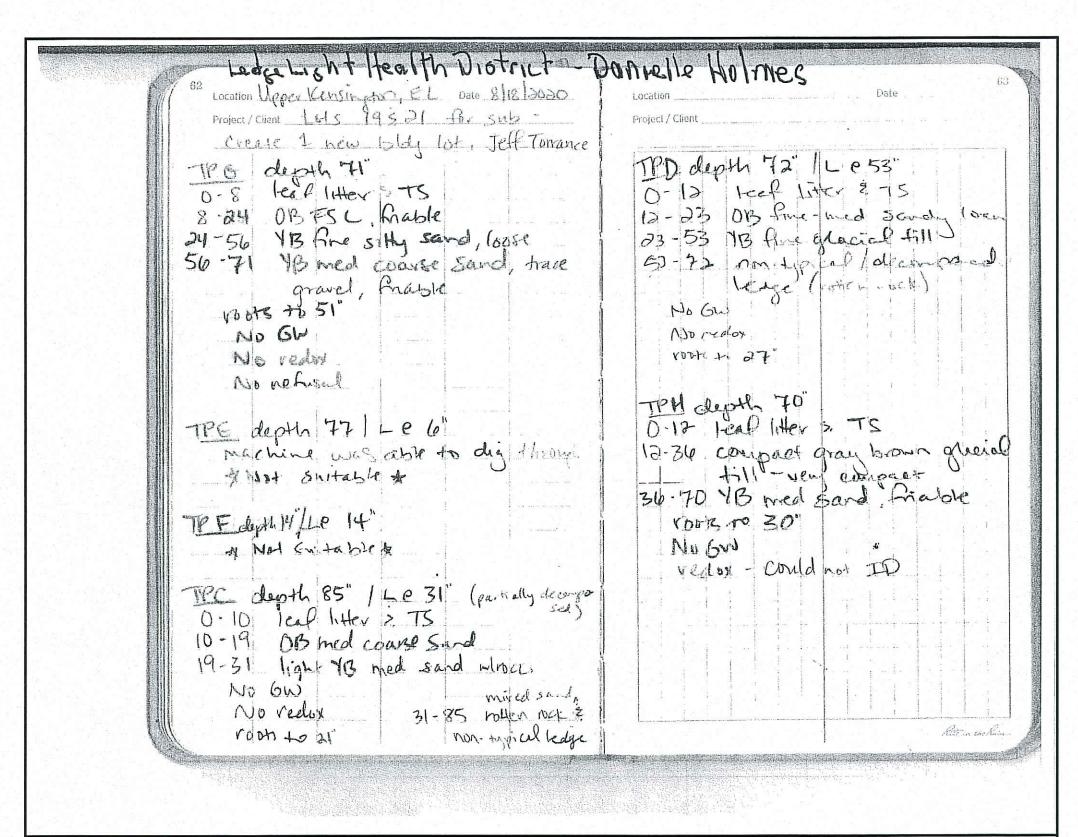
Drawn: P.H.

1 of 5









A Comment of the Comm	Froject / Client	Location Date
AW Eller Street	-101	Jep .
	TPT depth 79 /Les! 0-17 ral little s. 75 17 51 compact 113 med coarse. 51-79 113 med coarse sand	the sal
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And the second s	51-79 YR and courses - 1	
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		12		
PERCOLATION TES	STS BY K	RISTEN CLARK	E. P.E.	
ANAGER, ENGLISH HA	ARBOUR A	ASSET MANAGE	MENT. I	
Perc Test 19	9.2	Perc Test	21.1	
	15	Pre Soak:	2:40	
4:12	5"	4:53	1.5"	
4:17	7"	4:58	4"	
4:22	9"	5:03	5"	
4:27 1	1"	5:08	6"	
4:32 1	2"	5:13	7"	
4:37 1	3"	5:18	8.25"	
Time Drop: 30) m	Time Drop:	30 m	
Drop = 8"			Drop = 6.75"	
Perc Rate: 4 mir	n/inch	Perc Rate:		
Perc Test 1	9.1	Perc Test	23.1	
Pre Soak: 2:	20	Pre Soak:	2:55	
4:16	2"	4:53	4"	
4:21	3"	4:58	7.5"	
4:26 4.:	25"	5:03	8"	
4:31	5"	5:08	8.75"	
4:36	5"	5:13	9.25"	
4:41	6"	5:18	9.50"	
Time Drop: 30) m	Time Drop:	30 m	
Drop = 5"		Drop = 5.5"		
Perc Rate: 6 mir	n/inch	Perc Rate: 6	min/inch	
Perc Test 2	1.2	Perc Test	23.2	
Pre Soak: 2:	45	Pre Soak:	3:00	
4:55 2.	.5"	5:32	3.5"	
5:00	7"	5:37	4.25"	
5:05	3"	5:42	4.5"	
5:10 9.:	25"	5:47	5"	
5:15 1	0"	5:52	6.00"	
5:20 1	1"	5:57	6.25"	
Time Drop: 30) m	Time Drop:	30 m	
Drop = 9"		Drop = 2.7	75"	
Perc Rate: 3.5 m	in/inch	Perc Rate: 11	min/inch	

SEPTIC DESIGN

THE BASIS OF THE LEACHING DESIGN IDENTIFIED ON THE PLAN REVISED DECEMBER 1, 2020 AS FOLLOWS:

A) 4 BEDROOM HOUSE WITH A 1-10 MIN. /IN. PERK RATE

B) 1500 GALLON SEPTIC TANK

C) GEOMATRIX GST 6236

D) TOTAL LEACHING AREA REQUIRED 680 S.F. AREA PROVIDED 53' GST 6236@ 26.2 S.F. / L.F. = 1388.6 S.F.

ALTERNATIVELY, WE COULD USE A GEOMATRIX GST 6218 THAT WOULD PROVIDE THE FOLLOWING; TOTAL LEACHING AREA REQUIRED 680 S.F. AREA PROVIDED 53' GST 6218 @14 S.F./L.F. = 742 S.F.

REVISED LOT 21 A) 4 BEDROOM HOUSE WITH A 1-10 MIN. /IN. PERK RATE

B) 1500 GALLON SEPTIC TANK C) GEOMATRIX GST 6236

D) TOTAL LEACHING AREA REQUIRED 680 S.F. AREA PROVIDED 53' GST 6236@ 26.2 S.F. / L.F. = 1386.6 S.F.

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EROSION & SEDIMENT CONTROL NARRATIVE

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.

THE CONTRACTOR SHALL INSPECT AND REPAIR EROSION AND SEDIMENT CONTROL DEVICES AT THE END OF EACH WORKING DAY AND AFTER EACH STORM.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF UNSATISFACTORY EROSION CONDITIONS NOT CONTROLLED BY THE EROSION 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 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.

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.

GENERAL CONSTRUCTION SEQUENCE - COMMON DRIVEWAY & RAIN GARDEN

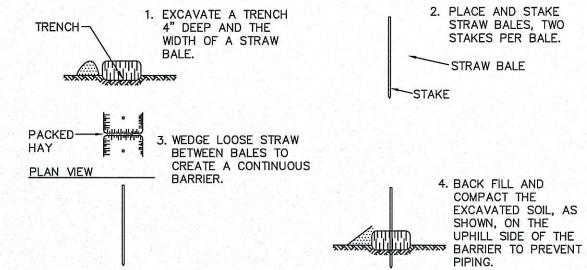
- SECURE ALL NECESSARY PERMITS. NOTIFY "CALL BEFORE YOU DIG" (1-800-922-4455) AT LEAST 72 HOURS PRIOR TO EXCAVATION. SCHEDULE AND ATTEND A PRE-CONSTRUCTION CONFERENCE WITH TOWN STAFF.
- 2. CLEARING LIMITS WILL BE FLAGGED BY ENGINEER PRIOR TO WORK BEING DONE. LIMIT OF WORK ADJACENT TO WETLANDS WILL NOT BE EXCEEDED.
- 3. REMOVE TREES, BRANCHES AND BRUSH WITHIN AREAS TO BE CLEARED, CHIP BRANCHES AND BRUSH FOR USE AS MULCH.
- 4. INSTALL CONSTRUCTION EXIT (ANTI-TRACKING PAD) AND INSTALL SEDIMENT BARRIERS ALONG THE LIMITS OF GRADING AND AT THE LIMITS OF CLEARING FOR TREE PROTECTION.
- 5 CHECK AND REPAIR E&S CONTROLS AS NECESSARY.
- 6. GRUB STUMPS AND REMOVE BRUSH
- 7. 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 GRAVE! AND PAVEMENT IN COMMON DRIVEWAY.
- 11. RE-SPREAD TOPSOIL ON SHOULDERS AND DISTURBED AREAS.
- 12. GRADE, LIME, FERTILIZE AND SEED REMAINING !AWN 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.

SOIL AND EROSION CONTROL

- 1. HAY BALES / SILT FENCE ARE TO BE INSTALLED PRIOR TO CONSTRUCTION.
- 2. ONLY REMOVE TREES AND VEGETATION NECESSARY FOR 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.
- 4. HAY BALES AND SILT FENCE TO REMAIN WHERE PLACED UNTIL ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
- 5. NO ERODED SEDIMENT SHALL BE PERMITTED TO LEAVE THE SITE OR WASH INTO THE DRAINAGE SYSTEM.
- 6. IF SEEDING CANNOT MEET RECOMMENDED DATES, TEMPORARY MULCH IS TO BE APPLIED IN ACCORDANCE WITH THE TABLE BELOW.

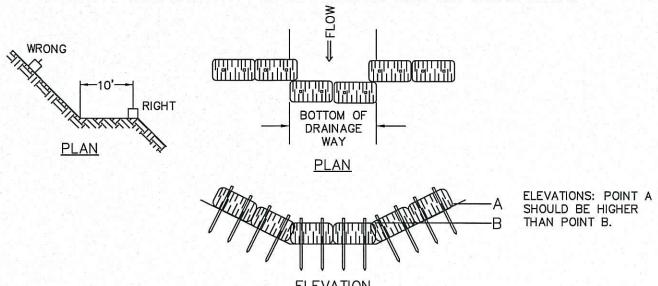
MULCHES RATES PER 1000 FT STRAW OR HAY 1/2 - 2 TONS FREE FROM WEEDS & COURSE 70-90lbs. PER ACRE MATTER. MUST BE ANCHORED SPREAD WITH MULCH BLOWER OR BY HAND

- 8. ANY HAY BALES OR SILT FENCE REMOVED DURING CONSTRUCTION SHOULD BE REPLACED EACH NIGHT.
- 9. ANY MATERIAL STOCK PILED SHOULD BE TEMPORARILY SEEDED.

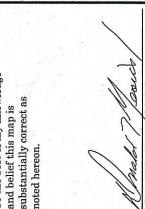


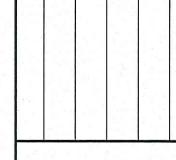
TYPICAL HAY BALE INSTALLATION

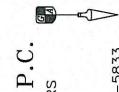
- 10. ALL ROAD SECTION EMBANKMENTS, EITHER CUT OR FILL, SHOULD BE STABILIZED AT THE TOE OF THE SLOPE BY STAKED HAY BALES OR SILT FENCE.
- 11. SWALES AND DIVERSION STRUCTURES SHOULD HAVE HAY BALES PLACED ACROSS THEM EVERY 100' IN ACCORDANCE WITH THE DETAIL BELOW.



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OCIATES,

(Details)

Revisions 25/2020 - Misc Changes 7/30/2020 - Per Town Comments 8/27/2020 - Per Additional 9/23/2020 - Per Additional 10/19/2020 - Per Additional 1/10/2020 - Per Ledge Light Health 1/20/2020 - Per Comments 12/1/2020 - Per Comments Date: January 29, 2020

Scale: 1"=30'

5 of 5

Drawing: 20-018j

Drawn: P.H.