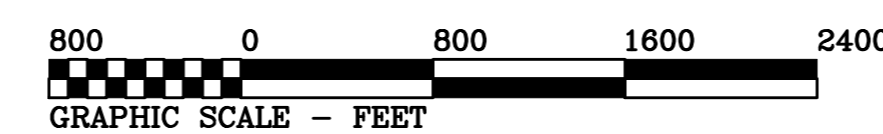
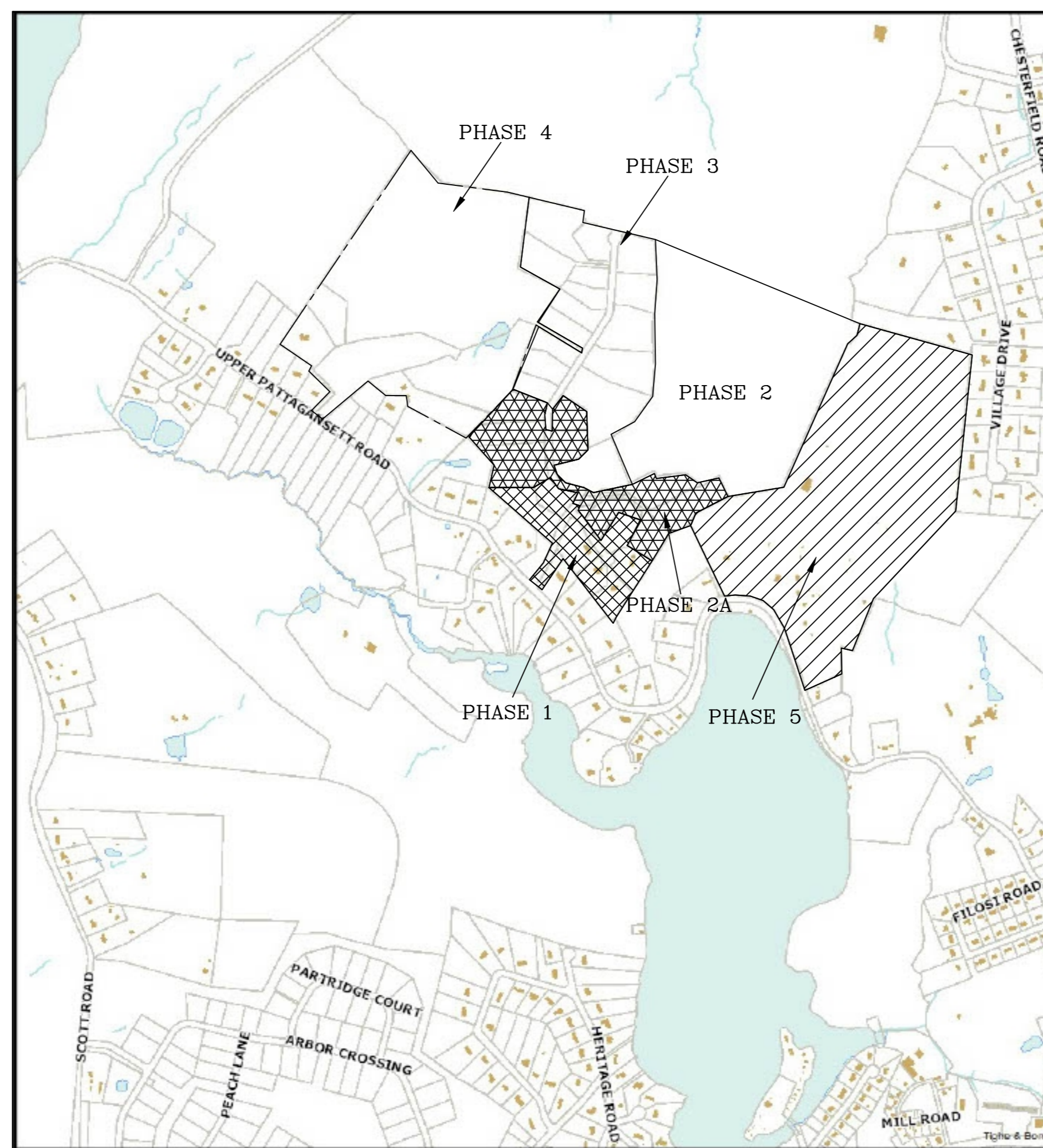


# PATTAGANSETT PRESERVE AT NOTTINGHAM HILLS

(ALSO KNOWN AS NOTTINGHAM HILLS SUBDIVISION PHASE 5)



**MAP REFERENCES:**

- A. "MAP OF PROPERTY OF FREDERICK W. HARVEY LAKE PATTAGANSETT EAST LYME, CONN. SCALE 1" = 60' BENJ. H. CHULHER, SURVEYOR JULY 1926"
- B. "MAP OF FREDERICK W. HARVEY PROPERTY ON PATTAGANSETT LAKE TOWN OF EAST LYME, CONN. DEC. 1933 SCALE 1" = 40' ERNEST DESHREY"
- C. "MAP OF PROPERTY OF FREDERICK W. HARVEY OFF PATTAGANSETT ROAD EAST LYME, CONN. SCALE 1" = 60' AUG. 1934 ERNEST DESHREY"
- D. "PLAN SHOWING PROPERTY OF NEW LONDON COUNCIL OF GIRL SCOUTS INC. ON PATTAGANSETT LAKE EAST LYME, CONN. SCALE 1" = 110' NOV. 1950 JOSEPH HOPMAN LAND SURVEYOR"
- E. "BOUNDARY SURVEY 191 UPPER PATTAGANSETT ROAD EAST LYME, CT. PROPERTY OF LEWIS S. & JEAN E. BULL SCALE 1" = 100' DEC. 10, 1966 DAVID M. COONROD"
- F. "PARCEL OF LAND CONVEYED TO CONNECTICUT TRAILS COUNCIL OF GIRL SCOUTS, INC. EAST LYME, CONN. 1" = 80' C. BRANNING 3/20/69"
- G. "PLAN OF PROPERTY OF J. C. PENNY COMPANY, INC. IN THE TOWN OF EAST LYME, CONN. SCALE 1" = 100ft. CHANDLER, PALMER & KING NORWICH, CONN. MARCH 12, 1972 SHEET 1 OF 2"
- H. "SECTION No. 1 HUCKLEBERRY HILL UPPER PATTAGANSETT ROAD EAST LYME, CT. OWNED BY H. JENETTE BOOTH & SALLY McSIVER SCALE 1" = 40' MARCH 21, 1974 MCKAY ENGINEERING"
- I. "MAP SHOWING PROPERTY OF STANLEY J. & HELEN M. DRABIK DRABIK ROAD & CHESTERFIELD ROAD EAST LYME, CONN. SCALE 1" = 100' DATE AUG. 11, 1982 REV. SEPT. 8, 1982 J. ROBERT PFANNER & ASSOCIATES"
- J. "SUBDIVISION PLAN PREPARED FOR FLANDERS VILLAGE ROUTE 161 CHESTERFIELD ROAD EAST LYME, CONNECTICUT SCALE 1" = 40' AUGUST 1985 REV. OCT. 1985 SHEETS 1, 2 & 3 OF 16 JESS McMINN"
- K. "NOTTINGHAM HILLS SUBDIVISION NIANTIC REAL ESTATE, LLC BOUNDARY PLAN DATE: 5/4/01 SHEET No. L1 ANCHOR ENGINEERING"
- L. "LAND TO BE CONVEYED TO DARROW POND LLC FROM NEW ENGLAND NATIONAL MOSTOWN ROAD EAST LYME, CONNECTICUT J. ROBERT PFANNER & ASSOCIATES P.C. 1" = 300' DATE 4-05-05 LAST REVISED 5-11-05"

NOTTINGHAM HILLS SUBDIVISION  
PHASE 5  
PREPARED FOR  
KRISTEN T. CLARKE, P.E.  
ENGLISH HARBOR ASSET  
MANAGEMENT LLC  
1712 PIONEER AVENUE, SUITE 1939  
CHEYENNE, WY. 82001  
PROPERTY OWNER  
COLD SPRING LOT MANAGEMENT LLO  
18 DRABIK ROAD  
EAST LYME CT. 06333

- SHEET INDEX:**  
 SHEET 1 OF 5: COVER SHEET  
 SHEET 2 OF 5: SOIL TYPES, WETLANDS, FLOOD ZONE  
 SHEET 3 OF 5: PROPOSED LOTLAYOUT  
 SHEET 4 OF 5: PROPOSED GREDING  
 SHEET 5 OF 5: DETAIL SHEET  
 SHEET 5A OF 5: DETAIL SHEET  
 SHEET E1 OF 2 ENGINEER DRAINAGE AREA  
 SHEET E2 OF 2: ENGINEER BIOFILTER RETENTION POND/RAIN GARDEN LATOUT  
 SHEET SL1, SL2 & SL3: SIGHT LINES

THIS DRAWING IS THE PROPERTY OF THE LAND SURVEYOR.  
 THIS PLAN AND REPRODUCTIONS, ADDITIONS OR REVISIONS OF  
 THIS PLAN ARE NOT VALID WITHOUT THE EMBOSSED SEAL AND  
 SIGNATURE OF THE LAND SURVEYOR WHO PREPARED THIS PLAN.

**APPROVED BY THE EAST LYME  
PLANNING COMMISSION**

CHAIRMAN/SECRETARY \_\_\_\_\_  
 APPROVAL DATE \_\_\_\_\_  
 FILING DATE \_\_\_\_\_  
 EXPIRATION DATE \_\_\_\_\_

DATE	REVISION
9.28.2021	SHEET INDEX

DATE: AUGUST 3, 2021 SHEET 1 OF 5  
 JOB NO. 18-036



**GERWICK - MEREEN L.L.C.**  
 191 BOSTON POST ROAD P.O. BOX 565  
 EAST LYME, CONNECTICUT 06333  
 TEL. (860)442-2201 FAX. (860)442-2205

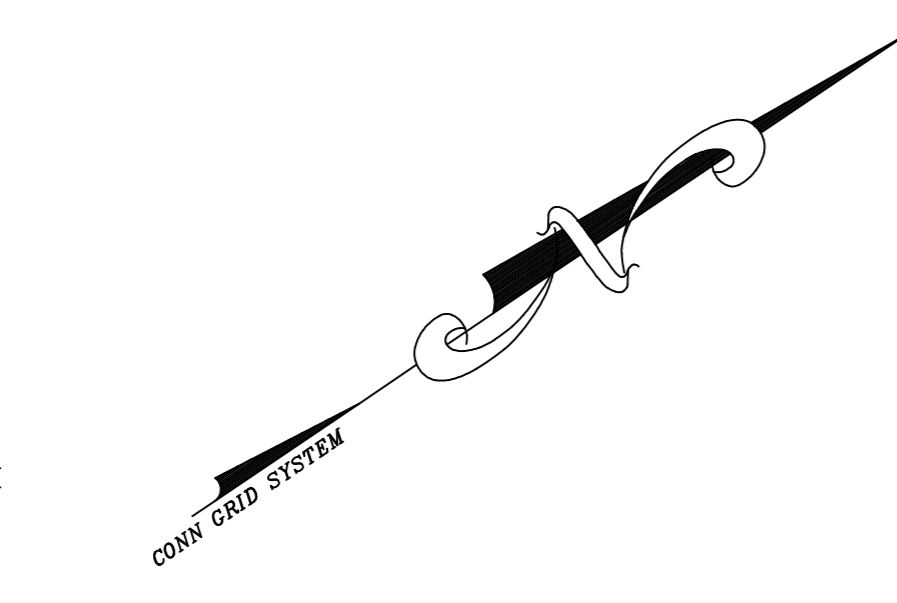


0.2% ANNUAL CHANCE  
OF FLOOD HAZARDS  
ZONE X  
TOWN OF EAST LYME  
090096  
MAP 09011003386  
EFF. 7/18/2011

TOTAL AREA (SOUTH)  
41,150± Sq. Ft.  
0.94± Ac.

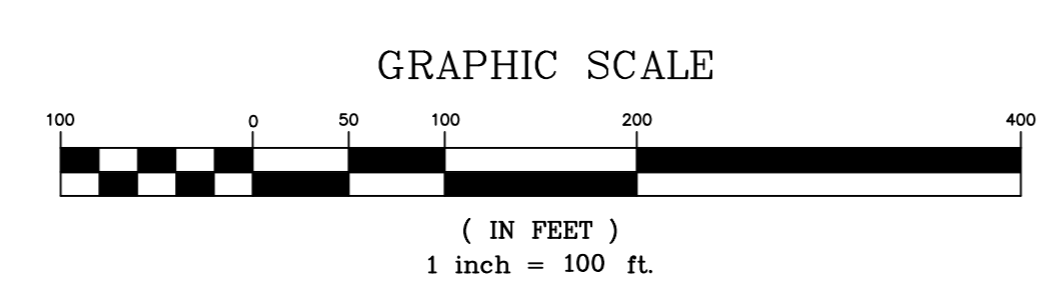
N/F  
STATE OF CONNECTICUT  
BOARD OF FISHERIES  
AND GAME

W



**LEGEND**

STONE WALL	
PROPERTY LINE	
STREET LINE	
EDGE OF WETLANDS & FLAG	
UTILITY POLE	
EXPOSED LEDGE	



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DATE	REVISION
06.27.2021	SOIL SCIENTIST SIGNATURE BLOCK

I RELEASED THE ALIEN WETLAND AND MULTICOURSE BOUNDARY ON THIS PROPERTY. I AM OF THE  
OPINION THAT THE RECORD BOUNDARY SHOWS BARRIERS OF THE PROPERTY IS CORRECTLY IN  
THE MAP.  
*John Paul Meren* DATE: AUGUST 3, 2021  
N. MEREN SURVEYING COMPANY, INC.  
SHELTON, CT 06484

**APPROVED BY THE EAST LYME  
PLANNING COMMISSION**

CHAIRMAN/SECRETARY \_\_\_\_\_  
APPROVAL DATE \_\_\_\_\_  
FILM DATE \_\_\_\_\_  
EXPIRATION DATE \_\_\_\_\_

**SOIL TYPES**

29B	Agwam fine sandy loam, 3 to 8 percent slopes
38C	Hickley loamy sand, 3 to 15 percent slopes
61B	Carton and Charlton fine sandy loams, 0 to 8 percent slopes, very stony
73C	Charlton-Charlton complex, 0 to 15 percent slopes, very rocky
73E	Charlton-Charlton complex, 15 to 45 percent slopes, very rocky
75C	Hollis-Charlton-Rock outcrop complex, 3 to 15 percent slopes
76E	Rock outcrop-Hollis complex, 3 to 45 percent slopes
W	Water

PLAN SHOWING  
EXISTING CONDITIONS  
SOIL TYPES, WETLANDS AREA  
FLOOD ZONE  
NOTTINGHAM HILLS SUBDIVISION  
PHASE 5  
PROPERTY OF  
COLD SPRING LOT MANAGEMENT LLC  
121 UPPER PATTAGANNSETT ROAD  
EAST LYME CT. 06333

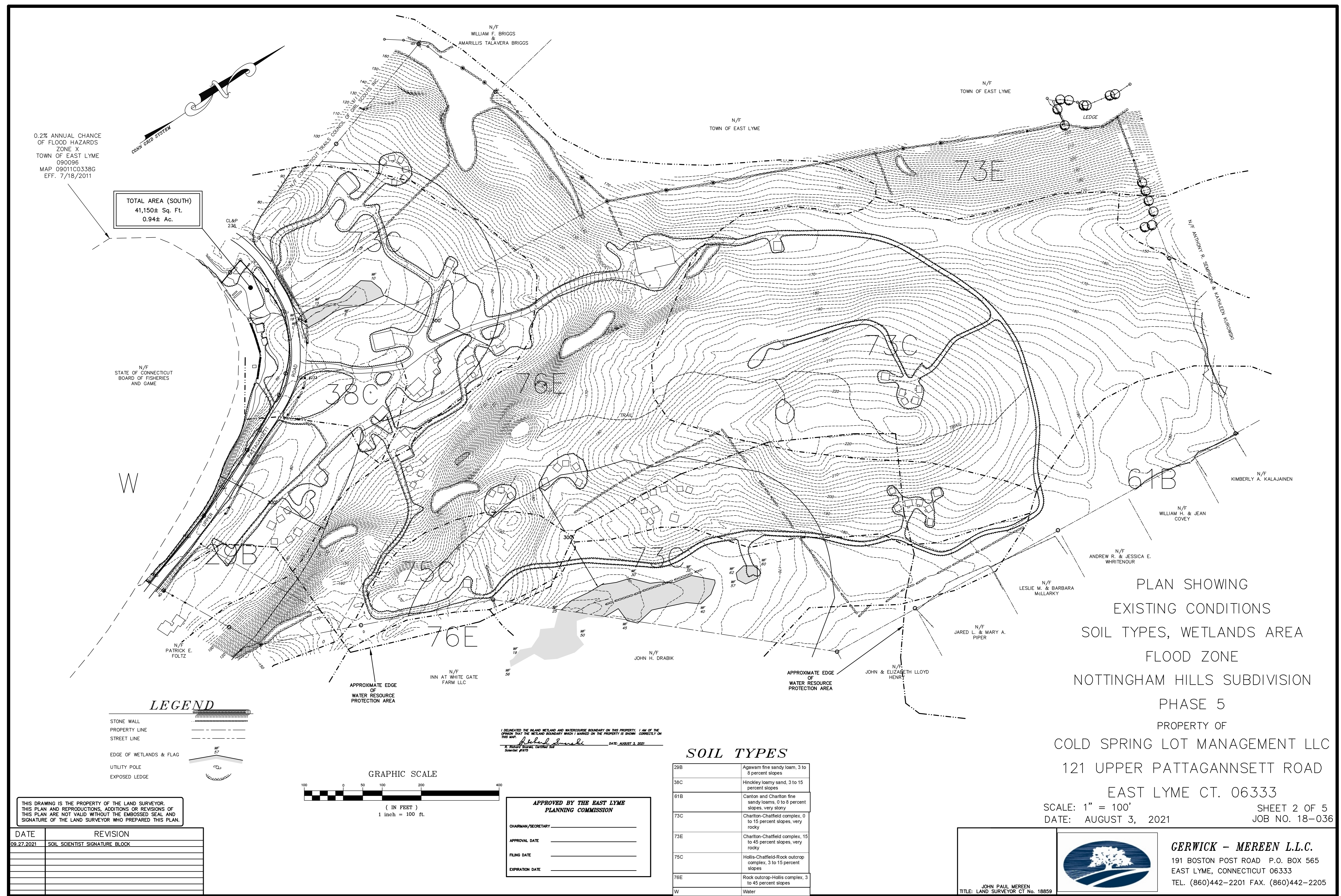
SCALE: 1" = 100'  
DATE: AUGUST 3, 2021

SHEET 2 OF 5  
JOB NO. 18-036

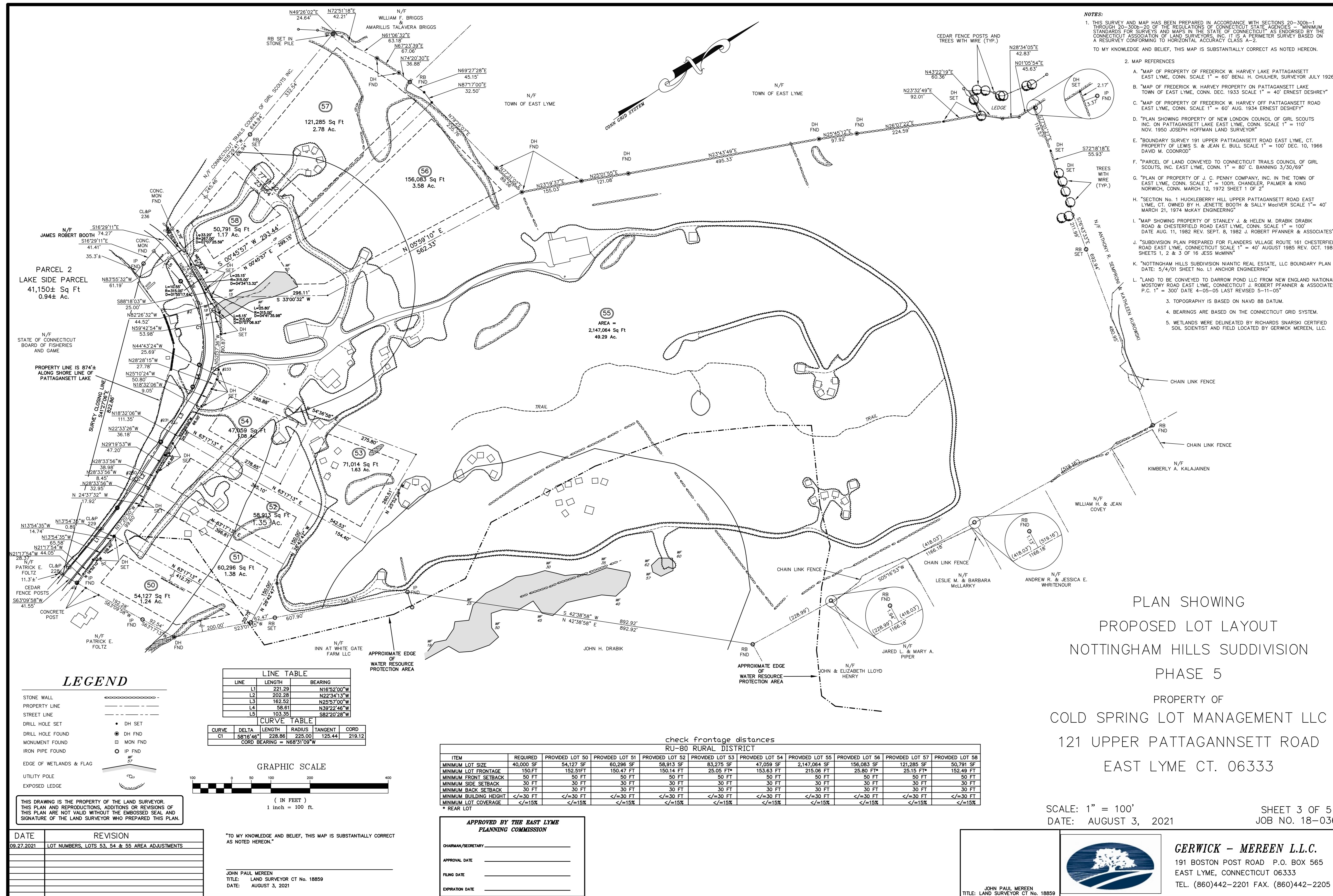
JOHN PAUL MEREN  
TITLE: LAND SURVEYOR CT No. 18859



**GERWICK - MEREN L.L.C.**  
191 BOSTON POST ROAD P.O. BOX 565  
EAST LYME, CONNECTICUT 06333  
TEL. (860)442-2201 FAX. (860)442-2205







- NOTES:**
- THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300B-1 THROUGH 30-300B-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES - MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT AS ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. IT IS A PERIMETER SURVEY BASED ON A RESURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS A-2. TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.
  - MAP REFERENCES
    - "MAP OF PROPERTY OF FREDERICK W. HARVEY LAKE PATTAGANSETT EAST LYME, CONN. SCALE 1" = 60' BENJ. H. CHALKER, SURVEYOR JULY 1926"
    - "MAP OF FREDERICK W. HARVEY PROPERTY ON PATTAGANSETT LAKE TOWN OF EAST LYME, CONN. DEC. 1933 SCALE 1" = 40' ERNEST DESHREY"
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    - "SUBDIVISION PLAN PREPARED FOR FLANDERS VILLAGE ROUTE 161 CHESTERFIELD ROAD EAST LYME, CONNECTICUT SCALE 1" = 40' AUGUST 1985 REV. OCT. 1985 SHEETS 1, 2 & 3 OF 16. BOSS MANN"
    - "NOTTINGHAM HILLS SUBDIVISION NANTIC REAL ESTATE, LLC BOUNDARY PLAN DATE: 5/4/01 SHEET No. L1 ANCHOR ENGINEERING"
    - "LAND TO BE CONVEYED TO DARROW POND LLC FROM NEW ENGLAND NATIONAL MOSTWY ROAD EAST LYME, CONNECTICUT J. ROBERT PFANNER & ASSOCIATES P.C. 1" = 300' DATE 4-03-00 LAST REVISED 5-11-00"
  - TOPOGRAPHY IS BASED ON NAVD 88 DATUM.
  - BEARINGS ARE BASED ON THE CONNECTICUT GRID SYSTEM.
  - WETLANDS WERE DELINEATED BY RICHARDS SNARSKI CERTIFIED SOIL SCIENTIST AND FIELD LOCATED BY GERWICK MEREEN, LLC.

PLAN SHOWING  
 PROPOSED LOT LAYOUT  
 NOTTINGHAM HILLS SUDDIVISION  
 PHASE 5  
 PROPERTY OF  
 COLD SPRING LOT MANAGEMENT LLC  
 121 UPPER PATTAGANSETT ROAD  
 EAST LYME CT. 06333

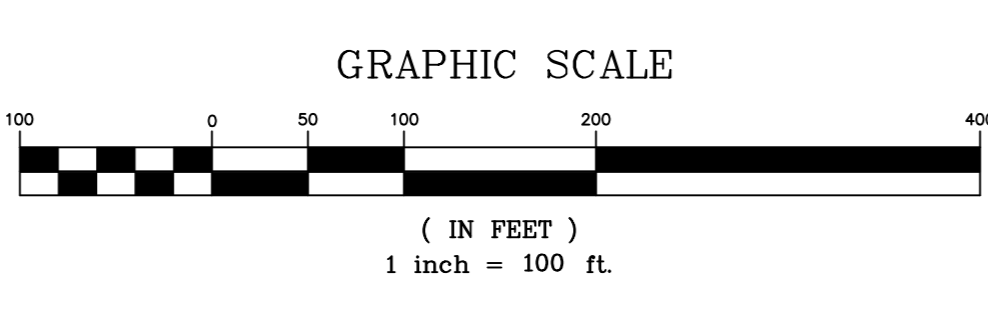
**LEGEND**

- STONE WALL
- PROPERTY LINE
- STREET LINE
- DRILL HOLE SET
- DRILL HOLE FOUND
- MONUMENT FOUND
- IRON PIPE FOUND
- EDGE OF WETLANDS & FLAG
- UTILITY POLE
- EXPOSED LEDGE

LINE TABLE		
LINE	LENGTH	BEARING
L1	221.29	N16°20'00"W
L2	202.78	N22°34'13"W
L3	162.52	N25°37'00"W
L4	58.61	N39°22'46"W
L5	103.39	S88°20'28"W

CURVE TABLE					
CURVE	DELTA	LENGTH	RADIUS	TANGENT	CORD
CT	58°16'46"	228.86	225.00	125.44	219.12



check frontage distances  
 RU-80 RURAL DISTRICT

ITEM	REQUIRED	PROVIDED LOT 50	PROVIDED LOT 51	PROVIDED LOT 52	PROVIDED LOT 53	PROVIDED LOT 54	PROVIDED LOT 55	PROVIDED LOT 56	PROVIDED LOT 57	PROVIDED LOT 58
MINIMUM LOT SIZE	40,000 SF	54,127 SF	60,296 SF	58,913 SF	83,275 SF	47,059 SF	2,147,064 SF	156,083 SF	121,285 SF	50,791 SF
MINIMUM LOT FRONTAGE	150 FT	152.51 FT	150.43 FT	150.14 FT	28.05 FT	153.63 FT	215.06 FT	25.80 FT	25.15 FT	152.49 FT
MINIMUM FRONT SETBACK	50 FT	50 FT	50 FT	50 FT	50 FT	50 FT	50 FT	50 FT	50 FT	50 FT
MINIMUM SIDE SETBACK	30 FT	30 FT	30 FT	30 FT	30 FT	30 FT	30 FT	30 FT	30 FT	30 FT
MINIMUM BACK SETBACK	30 FT	30 FT	30 FT	30 FT	30 FT	30 FT	30 FT	30 FT	30 FT	30 FT
MINIMUM BUILDING HEIGHT	<= 30 FT	<= 30 FT	<= 30 FT	<= 30 FT	<= 30 FT	<= 30 FT	<= 30 FT	<= 30 FT	<= 30 FT	<= 30 FT
MINIMUM LOT COVERAGE	<= 15%	<= 15%	<= 15%	<= 15%	<= 15%	<= 15%	<= 15%	<= 15%	<= 15%	<= 15%

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DATE	REVISION
09.27.2021	LOT NUMBERS, LOTS 53, 54 & 55 AREA ADJUSTMENTS

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

JOHN PAUL MEREEN  
 TITLE: LAND SURVEYOR CT No. 18859  
 DATE: AUGUST 3, 2021

APPROVED BY THE EAST LYME PLANNING COMMISSION

CHAIRMAN/SECRETARY \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

PLANNING DATE \_\_\_\_\_

EXPIRATION DATE \_\_\_\_\_

SCALE: 1" = 100'  
 DATE: AUGUST 3, 2021

SHEET 3 OF 5  
 JOB NO. 18-036

**GERWICK - MEREEN L.L.C.**  
 191 BOSTON POST ROAD P.O. BOX 565  
 EAST LYME, CONNECTICUT 06333  
 TEL. (860)442-2201 FAX. (860)442-2205

JOHN PAUL MEREEN  
 TITLE: LAND SURVEYOR CT No. 18859



**NOTES:**

EXPANSION OF CLEARING LIMITS IDENTIFIED ON THESE PLANS MAY/WILL REQUIRE AN ADDITIONAL PERMIT FROM THE EAST LYME INLAND WETLANDS AGENCY. HAND CLEARING ONLY OF DEAD AND DISEASED VEGETATION AS WELL AS BRUSH OF LESS THAN 3" CALIPER IS ALLOWED IN ACCORDANCE WITH THE PERMIT ISSUED FOR THESE PLANS.

CLEARING OF PROPERTY IS NOT ALLOWED DURING THE PERIOD OF MAY 1 THROUGH JULY 30 PER CONSTRUCTION PROTECTION MEASURES AS OUTLINED IN THE CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION LETTER DATED SEPTEMBER 7, 2021 IN RE: NATIONAL DIVERSITY DATABASE DETERMINATION NUMBER 202109133.

SEE ENGINEERING DRAWINGS FOR DETENTION BASIN AND RAIN GARDEN DETAILS.

**CONSTRUCTION PROTECTION MEASURES FOR NDDB:**

DO NOT BEGIN TO CUT, CLEAR, REMOVE TREES OR SHRUBS OR DISTURB FOREST FLOOR BETWEEN MAY 1 – JULY 30.

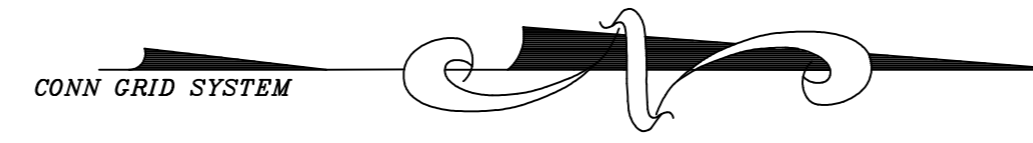
**SITE DESIGN PROTECTION MEASURES:**

AVOID CREATING COLLISION HAZARDS FOR BIRDS AND BATS. GLASS COLLISIONS INCLUDE RESIDENTIAL WINDOWS INDISCRIMINATELY KILL 1 BILLION BIRDS A YEAR. DEVELOP OR RENOVATE YOUR BUILDING FACADE AND SITE DESIGN STRATEGY TO MAKE THE BUILDING AND SITE STRUCTURES VISIBLE TO BIRDS. BAT COLLISION ARE LESS WELL UNDERSTOOD, BUT SMOOTH VERTICAL SURFACES AFFECT BATS' ABILITIES TO AVOID COLLISIONS.

LIMIT INTERIOR AND EXTERIOR NIGHT LIGHTING. LIGHTING, TEMPORARY OR PERMANENT SHOULD NOT BE DIRECTED TOWARDS SUITABLE BAT HABITATS. SECURITY LIGHTING SHOULD ALWAYS BE DOWN SHIELDED TO KEEP LIGHT WITHIN THE BOUNDARIES OF THE SITE.

TAKE STEPS NECESSARY TO ASSURE THAT CONSTRUCTION IS DESIGNED, BUILT AND OPERATED IN ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS OF THE LEED GREEN BUILDING RATING SYSTEM PILOT CREDIT #55. THE USGBC RELEASES REVISED VERSIONS OF THE LEED BUILDING RATING SYSTEM ON A REGULAR BASIS, AND YOU SHOULD REFER TO THE MOST CURRENT VERSION WHEN BEGINNING A NEW BUILDING OR CONSTRUCTION PROJECT OR RENOVATION.

CONN GRID SYSTEM



APPROVED BY THE EAST LYME PLANNING COMMISSION

CHAIRMAN/SECRETARY \_\_\_\_\_

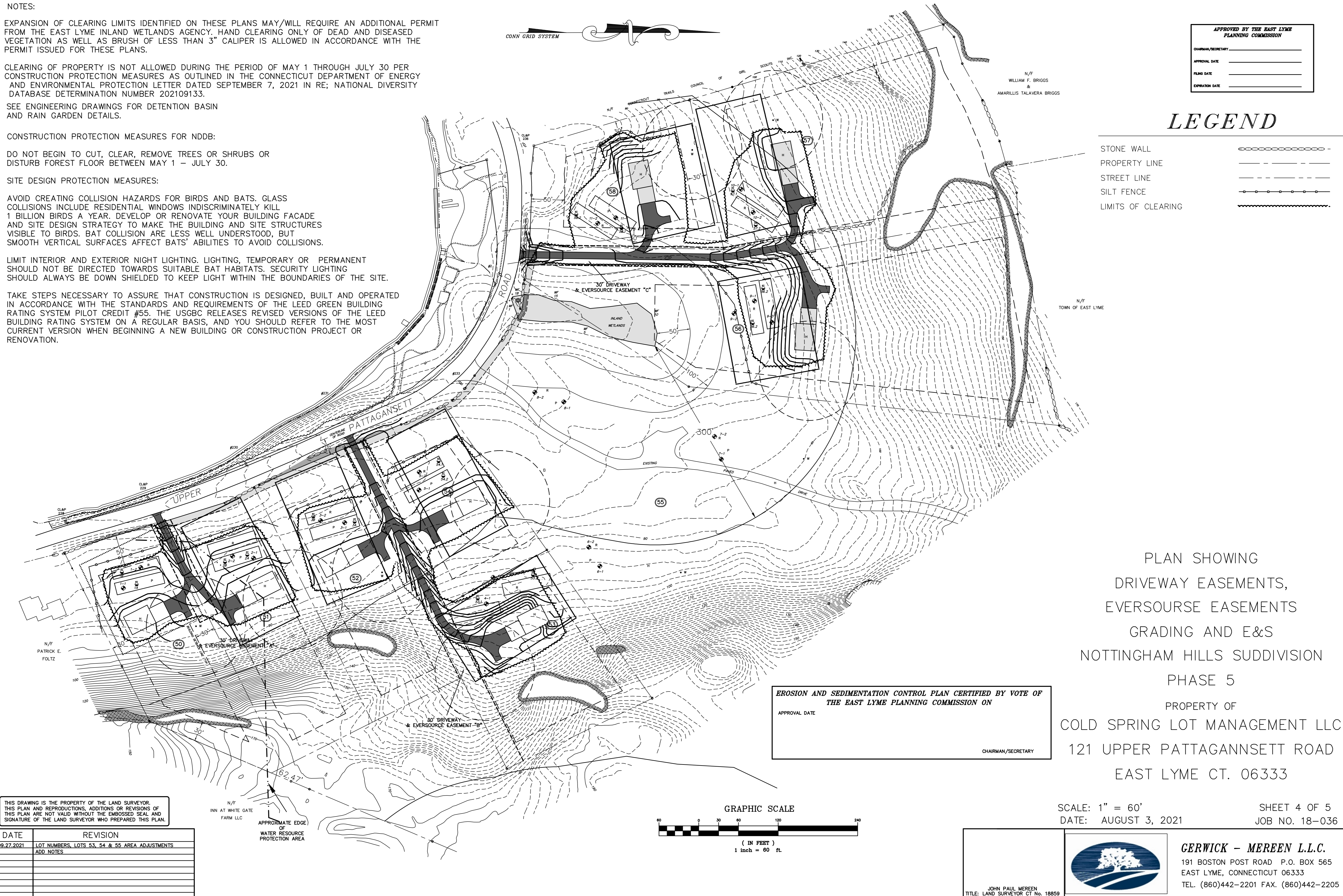
APPROVAL DATE \_\_\_\_\_

PLUM DATE \_\_\_\_\_

CONTRACT DATE \_\_\_\_\_

**LEGEND**

- STONE WALL
- PROPERTY LINE
- STREET LINE
- SILT FENCE
- LIMITS OF CLEARING



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

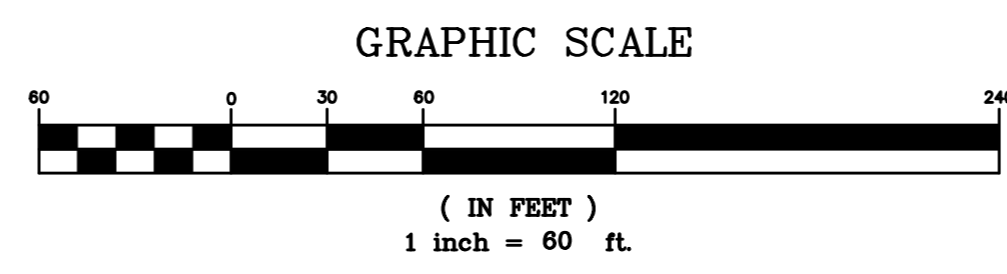
APPROVAL DATE \_\_\_\_\_

CHAIRMAN/SECRETARY \_\_\_\_\_

PLAN SHOWING  
 DRIVEWAY EASEMENTS,  
 EVERCOURSE EASEMENTS  
 GRADING AND E&S  
 NOTTINGHAM HILLS SUDDIVISION  
 PHASE 5  
 PROPERTY OF  
 COLD SPRING LOT MANAGEMENT LLC  
 121 UPPER PATTAGANSETT ROAD  
 EAST LYME CT. 06333

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DATE	REVISION
09.27.2021	LOT NUMBERS, LOTS 53, 54 & 55 AREA ADJUSTMENTS ADD NOTES



SCALE: 1" = 60'  
 DATE: AUGUST 3, 2021

SHEET 4 OF 5  
 JOB NO. 18-036

JOHN PAUL MEREEN  
 TITLE: LAND SURVEYOR CT No. 18859

**GERWICK - MEREEN L.L.C.**  
 191 BOSTON POST ROAD P.O. BOX 565  
 EAST LYME, CONNECTICUT 06333  
 TEL. (860)442-2201 FAX. (860)442-2205



**REFERENCE IS MADE TO**

1. CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, MAY 2002.
2. NATURAL RESOURCES CONSERVATION SERVICE WEB SOIL SURVEY NATIONAL COOPERATIVE SOIL SURVEY SOIL MAP-STATE OF CONNECTICUT

**DEVELOPMENT**

PROPOSED DEVELOPMENT WILL ALLOW FOR THE CREATION OF 9 BUILDING LOTS ON 63.86 ACRES WITH ACCESS FROM UPPER PATTAGANSETT ROAD. THE LOTS WILL BE SERVED BY ON SITE WATER AND SEPTIC.

**GENERAL DEVELOPMENT PLAN**

PRIOR TO THE COMMENCEMENT OF OPERATIONS IN ACCORDANCE WITH ANY PERMIT ISSUES BY THE TOWN OF EAST LYME PLANNING AND ZONING COMMISSION, THE CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENT CONTROL DEVICES, LOCATION OF THE EXTERIOR CLEARING LIMITS SHALL BE STAKED OUT BY A LICENSED SURVEYOR UNLESS OTHERWISE ALLOWED BY THE TOWN EROSION CONTROL AGENT.

THE CONTRACTOR SHALL OBTAIN A SITE INSPECTION FROM THE TOWN OF EAST LYME ZONING ENFORCEMENT OFFICER TO ENSURE THAT ALL EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED IN ACCORDANCE WITH THIS NARRATIVE. UPON CERTIFICATION WITH RESPECT TO THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES, THE CONTRACTOR MAY COMMENCE OPERATIONS PURSUANT TO THE PERMIT. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE "FILTER BARRIER INSTALLATION & MAINTENANCE" AND THE "HAY BALE INSTALLATION & MAINTENANCE" SECTIONS OF THIS NARRATIVE.

ALL STRIPPING IS TO BE CONFINED TO THE IMMEDIATE CONSTRUCTION AREA. TOPSOIL SHALL BE STOCKPILED SO THAT SLOPES DO NOT EXCEED 3 TO 1. A HAY BALE SEDIMENT BARRIER IS TO SURROUND EACH STOCKPILE AND A TEMPORARY VEGETATIVE COVER PROVIDED IF NECESSARY.

DUST CONTROL WILL BE ACCOMPLISHED BY SPRAYING WITH WATER.

THE PROPOSED PLANTING SCHEDULE IS TO BE ADHERED TO DURING THE PLANTING OF DISTURBED AREAS THROUGHOUT THE PROPOSED CONSTRUCTION SITE.

FINAL STABILIZATION OF THE SITE IS TO FOLLOW THE PROCEDURES OUTLINED IN PERMANENT VEGETATIVE COVER. IF NECESSARY A TEMPORARY VEGETATIVE COVER IS TO BE PROVIDED UNTIL A PERMANENT COVER CAN BE APPLIED.

DURING THE STABILIZATION PERIOD, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN PROPER WORKING ORDER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL EROSION AND SEDIMENT CONTROL ON A TWICE-WEEKLY BASIS DURING THE STABILIZATION PERIOD AND AFTER EACH STORM EVENT. DURING THE STABILIZATION PERIOD WITH RESPECT TO THE SITE, ANY EROSION WHICH OCCURS WITHIN DISTURBED AREAS SHALL BE IMMEDIATELY REPAIRED, RE-SEEDED AND REESTABLISHED.

ONCE STABILIZATION HAS BEEN COMPLETED AND CERTIFICATION THEREOF OBTAINED IN WRITING FROM THE ZONING ENFORCEMENT OFFICER OF THE TOWN OF EAST LYME, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED BY THE CONTRACTOR.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND ALL ASPECTS OF ALL CONSTRUCTION ELEMENTS/DESIGNS, AS WELL AS THE EROSION & SEDIMENTATION CONTROL PLANS. SHOULD THE CONTRACTOR NOT UNDERSTAND ANY ASPECTS IT IS HIS/HER RESPONSIBILITY TO SEEK CLARIFICATION FROM THE APPROPRIATE AUTHORITY.

ANY REQUIRED BLASTING FOR PUBLIC OR LOT DEVELOPMENT SHALL REQUIRE A PRE-BLAST CONDITION SURVEY FOR, AT A MINIMUM, FOR ALL PROPERTIES ABUTTING THE AREA TO BE BLASTED. PER CT. STATUTE, THE FIRE MARSHAL SHALL MAKE ALL FINAL DETERMINATIONS ON REQUIREMENTS FOR PRE-BLAST CONDITIONS SURVEY.

**SEQUENCE OF CONSTRUCTION & CONTRACTORS RESPONSIBILITY**

IT IS ANTICIPATED THAT THE DEVELOPMENT WILL BEGIN WINTER/SPRING OF 2022. PRIOR TO THE START OF CONSTRUCTION THE DEVELOPER IS TO SCHEDULE A PRE CONSTRUCTION MEETING WITH TOWN STAFF, THE CONTRACTOR AND PROJECT ENGINEER TO DISCUSS IMPORTANT SITE ISSUES INCLUDING SCHEDULING, SITE ACCESS, CONSTRUCTION METHODS, AND INSPECTIONS PROCEDURES.

THE PROPOSED EROSION AND SEDIMENTATION CONTROLS HAVE BEEN DEVELOPED SPECIFICALLY WITH THE INTENT TO PRESERVE WATER QUALITY THROUGHOUT THE CONSTRUCTION PROCESS. ALL PROPOSED MEASURES SHOULD BE VIEWED BY THE CONTRACTOR AS A MINIMUM, AND IN NO CASE SHALL THEY BE TREATED AS A COMPLETE SOLUTION. ALL MEASURES ARE ESPECIALLY DEPENDENT ON CONSTRUCTION PRACTICES AND WEATHER EVENTS THAT ARE BEYOND THE CONTROL OF ANY PLAN. THE CONTRACTOR IS REQUIRED TO TAKE ANY AND ALL MEASURES TO CONTROL WATER QUALITY WITH RESPECT TO EROSION AND SEDIMENTATION THAT MAY AFFECT RESOURCES OR DOWN GRADIENT PROPERTIES. ALL CLEARING FOR PHASES INTENDED TO BE MINIMUM NEEDED FOR CURRENT CONSTRUCTION. THE CONTRACTOR SHALL BE ESPECIALLY CAREFUL TO AVOID SIGNIFICANT DISTURBANCE OF PROPOSED SEPTIC SYSTEM AREAS DURING CONSTRUCTION. SIGNIFICANT DISTURBANCE OF THESE AREAS MAY NEGATIVELY IMPACT THE VIABILITY OF THE LOT WHICH, IS DISTURBED SHALL BE THE CONTRACTOR'S LIABILITY. THE CONTRACTOR SHALL MAKE WEEKLY INSPECTIONS OF ALL DISTURBED AREAS AND CONTROL ELEMENTS AS WELL AS AFTER ANY RAINFALL OF 1/2" OR MORE AND SHALL MAINTAIN REPAIR OR REPLACE AS NEEDED.

**CONSTRUCTION STAKE OUTS, AS-BUILTS AND INSPECTIONS**

1. ALL UTILITIES, PUBLIC AND PRIVATE, AS WELL AS ALL STORM WATER BASINS AND STRUCTURES MUST BE STAKED OUT BY A LICENSED CT SURVEYOR.
2. AS-BUILTS ARE REQUIRED FOR ALL UTILITIES, BASINS AND STRUCTURES AND MUST BE COMPLETED BY A CT LICENSED SURVEYOR. UNDERGROUND UTILITIES ARE TO BE LOCATED PRIOR TO BEING BACK FILLED.
3. STORMWATER BASINS SHALL ALSO REQUIRE INSPECTION AND CERTIFICATION BY THE DESIGN ENGINEER.
4. THE TOWN OF EAST LYME WILL ALSO REQUIRE TOWN INSPECTIONS FOR MANY COMPONENTS WHICH THE CONTRACTOR AND OWNER MUST COORDINATE WITH THE TOWN

**FILTER BARRIER INSTALLATION & MAINTENANCE**

1. DIG A 6" TRENCH ON THE UPHILL SIDE OF THE BARRIER LOCATION.
2. POSITION THE POSTS ON THE DOWNHILL SIDE OF THE BARRIER AND DRIVE THE POST 1.5 FEET INTO THE GROUND.
3. LAY THE BOTTOM 6" OF THE FABRIC IN THE TRENCH TO PREVENT UNDERMINING AND BACKFILLED.
4. INSPECT AND REPAIR BARRIER AFTER HEAVY RAINFALL.
5. SEDIMENT DEPOSITS ARE TO BE REMOVED WHEN THEY REACH A HEIGHTS OF ONE FOOT BEHIND THE BARRIER AND ARE TO BE DEPOSITED IN AN AREA WHICH IS NOT REGULATED BY THE INLAND WETLANDS COMMISSION.
6. INSPECTIONS AND NECESSARY REPAIRS WILL BE MADE TWICE WEEKLY.

**HAY BALE INSTALLATION & MAINTENANCE**

1. BALES SHALL BE PLACED AROUND ALL PROPOSED CATCH BASINS WITH THE ENDS TIGHTLY ABUTTING EACH OTHER.
2. EACH BALE SHALL BE SECURELY ANCHORED WITH AT LEAST 2 STAKES AND GAPS BETWEEN BALES SHALL BE WEDGED WITH STRAW TO PREVENT WATER FROM PASSING BETWEEN THE BALES.
3. INSPECT BALES AFTER EACH STORM AND REPAIR OR REPLACE PROMPTLY AS NEEDED. REMOVE SEDIMENT BEHIND THE BALES WHEN IT HAS REACHED HALF THE HEIGHT AND DEPOSIT IN AN AREA WHICH IS NOT REGULATED BY THE INLAND WETLANDS COMMISSION.
4. INSPECTIONS AND NECESSARY REPAIRS WILL BE MADE TWICE WEEKLY.

**TEMPORARY VEGETATIVE COVER**

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

**PERMANENT VEGETATIVE COVER**

TOPSOIL WILL BE REPLACED ONCE THE EXCAVATION HAS BEEN COMPLETED AND THE SLOPES ARE GRADED TO A SLOPE NO GREATER THAN 2.5 TO 1. PROVIDE SLOPE PROTECTIONS ON ALL CUT SLOPES. TOPSOIL WILL BE SPREAD AT A MINIMUM COMPACTED DEPTH OF 4 INCHES. ONCE THE TOPSOIL HAS BEEN SPREAD, ALL STONES TWO INCHES OR LARGER IN ANY DIMENSION WILL BE REMOVED AS WELL AS DEBRIS. APPLY AGRICULTURAL GROUND LIMESTONE AT THE RATE OF TWO TONS PER ACRE OR 100 LBS. PER 1000 S.F. APPLY 10-10-10 FERTILIZER OR EQUIVALENT AT A RATE OF 500 LBS. PER ACRE OR 7.5 LBS. PER S.F. WORK LIMESTONE INTO THE SOIL TO A DEPTH OF 4 INCHES. INSPECT SEEDBED BEFORE SEEDING. IF TRAFFIC HAS COMPACTED THE SOIL, RETILL COMPACTED AREAS. APPLY THE FOLLOWING GRASS SEED MIX:

SEED MIXTURE	LB /ACRE	LBS./1000 S.F.
KENTUCKY BLUEGRASS	20	0.45
CREeping RED FESCUE	20	0.45
PERENNIAL RYEGRASS	5	0.10
<b>TOTAL</b>	<b>45</b>	<b>1.00</b>

THE RECOMMENDED SEEDING DATES ARE:  
APRIL 1 - JUNE 5 AND AUGUST 1 - SEPTEMBER 15

FOLLOWING SEEDING, FIRM SEED BED WITH A ROLLER. MULCH WITH WOOD FEE STRAW IMMEDIATELY FOLLOWING SEEDING. IF A PERMANENT VEGETATIVE STAND CANNOT BE ESTABLISHED BY SEPTEMBER 30, APPLY A TEMPORARY COVER ON THE TOPSOIL.

**NOTES**

1. ALL EXISTING UTILITIES ARE APPROXIMATE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL LOCATIONS PRIOR TO CONSTRUCTION. "CALL BEFORE YOU DIG" SHALL BE NOTIFIED AT LEAST 5 DAYS PRIOR TO ANY CONSTRUCTION. (1-800-922-4455)
2. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS. PRIOR TO CONSTRUCTION ARRANGEMENTS WITH THE TOWN PLANNING AND ZONING, AND CONSERVATION DEPARTMENTS SHALL BE MADE FOR A PRE-CONSTRUCTION MEETING. SAID MEETING SHALL BE AT LEAST 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITY. THE CONTRACTORS, ON SITE SUPERVISOR, AS WELL AS THE APPLICANT SHALL BE PRESENT AT SAID MEETING.
3. CONTRACTOR SHALL MEET ALL STATE AND LOCAL REQUIREMENTS FOR BLASTING.
4. THE CONTRACTOR SHALL KEEP ALL ADJACENT PUBLIC ROADS FREE OF DIRT AND OTHER DEBRIS. ROADS SHALL BE INSPECTED AND CLEANED AT A MINIMUM OF ONCE DAILY. TRUCKS ENTERING OR LEAVING THE SITE WITH MATERIAL LOADS SHALL MAINTAIN COVERS OVER THEIR LOADS.

TEST PIT 6-1 DEPTH 96"  
0-6" LEAF LITTER & TOPSOIL  
6-27" LIGHT ORANGE BROWN MED-COARSE SANDY LOAM  
27-96" LIGHT YELLOW TO GRAY BROWN MED-COARSE SANDY LOAM  
ROOTS TO 81"  
NO REFUSAL  
NO GROUND WATER  
NO REDOX

TEST PIT 6-2 DEPTH 92"  
0-6" LEAF LITTER & TOPSOIL  
6-27" LIGHT ORANGE BROWN FINE SANDY LOAM  
27-92" LIGHT YELLOW TO GRAY BROWN MED-COARSE SANDY LOAM, TRACE GRAVEL  
63 GROUND WATER  
NO REDOX

TEST PIT 7-1 DEPTH 78"  
0-6" TOPSOIL  
6-26" LIGHT BROWN FINE SANDY LOAM  
26-78" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)  
REFUSAL @ 78" (LARGE BOULDER 1)  
ROOTS TO 53"  
NO GROUND WATER  
NO REDOX

TEST PIT 7-2 DEPTH 78"  
0-7" TOPSOIL  
7-26" LIGHT BROWN FINE SANDY LOAM  
26-78" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)  
ROOTS TO 50"  
NO GROUND WATER  
NO REDOX

TEST PIT 8-1 DEPTH 80"  
0-7" LEAF LITTER & TOPSOIL  
7-40" LIGHT YELLOW BROWN VERY FINE SILTY SAND  
40-74" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)  
STANDING WATER @ 74"  
ROOTS TO 57"  
NO REFUSAL  
NO REDOX

TEST PIT 8-2 DEPTH 72"  
0-6" LEAF LITTER & TOPSOIL  
6-47" YELLOW BROWN FINE SILTY SAND  
47-72" COARSE SAND & GRAVEL (APPROX. 50% GRAVEL)  
STANDING WATER @ 65"  
ROOTS TO 55"  
NO REFUSAL  
NO REDOX

TEST PIT 8-1 DEPTH 85"  
0-11" LEAF LITTER & TOPSOIL  
11-50" LIGHT BROWN FINE SANDY LOAM  
NO REFUSAL  
NO REDOX

TEST PIT 9-2 DEPTH 50"  
0-9" LEAF LITTER & TOPSOIL  
9-25" YELLOW BROWN FINE SANDY LOAM  
STANDING WATER @ 25"  
ROOTS TO WATERLINE  
NO REFUSAL  
APPROXIMATE REDOX ABOVE WATER LINE  
\*STAND PIPES OR ADDITIONAL TEST PITS IN ALT. LOCATION

TEST PIT 10-1 DEPTH 83"  
0-9" LEAF LITTER & TOPSOIL  
9-16" ORANGE BROWN FINE SANDY LOAM  
16-32" YELLOW BROWN FINE SANDY LOAM  
32-53" GRAY BROWN FINE SILTY SAND - MOTTLED  
53-83" COMPACT YELLOW TO GRAY BROWN MED-COARSE SAND, TRACE GRAVEL  
ROOTS TO 48"  
NO REFUSAL  
NO GROUND WATER  
REDOX @ 36"

TEST PIT 10-2 DEPTH 76"  
0-7" LEAF LITTER & TOPSOIL  
7-24" ORANGE BROWN FINE SANDY LOAM  
24-30" YELLOW BROWN FINE SANDY LOAM  
30-76" YELLOW BROWN FINE SAND WITH GRAVEL  
ROOTS TO 42"  
NO REFUSAL  
NO GROUND WATER  
REDOX @ 36"

TEST PIT 11-1 DEPTH 68"  
0-8" LEAF LITTER & TOPSOIL  
8-25" ORANGE BROWN FINE SANDY LOAM  
25-48" LIGHT YELLOW TO GRAY BROWN MED-COARSE SAND, TRACE GRAVEL  
MANY ROOTS PRESENT  
REFUSAL @ 66" 1  
NO REDOX

TEST PIT 11-2 DEPTH 69"  
0-9" LEAF LITTER & TOPSOIL  
9-23" ORANGE BROWN FINE SANDY LOAM  
23-69" LIGHT YELLOW TO GRAY BROWN MED-COARSE SAND, TRACE GRAVEL  
COMPACT @ 47" (RESTRICTIVE)  
ROOTS TO 56"  
NO GROUND WATER  
POSSIBLE REFUSAL @ 69"  
MANY ROOTS PRESENT

SITE TESTING APRIL 17 - 18, 2019  
121 UPPER PATTAGANSETT ROAD EAST LYME  
WESSESS BY DANIELLE HELMES SANTARIN  
LEDGE LIP WITH LIR DISTRICT

TEST PIT 1-1 DEPTH 85"  
0-8" LEAF LITTER & TOPSOIL  
8-30" LIGHT YELLOW BROWN FINE SANDY LOAM  
27-85" COARSE SAND & GRAVEL  
NO REFUSAL  
NO GROUND WATER

TEST PIT 1-2 DEPTH 95"  
0-8" LEAF LITTER & TOPSOIL  
8-30" LIGHT BROWN FINE SANDY LOAM  
30-95" COARSE SAND & GRAVEL (APPROX. 25% GRAVEL)  
NO GROUND WATER  
NO REFUSAL  
REDOX @ 24-30" (NOT GROUND WATER)

TEST PIT 2-1 DEPTH 67"  
0-8" TOPSOIL  
8-41" YELLOW BROWN FINE SANDY LOAM  
41-87" COARSE SAND & GRAVEL (APPROX. 25% GRAVEL)  
ROOTS TO 54"  
NO GROUND WATER  
NO REFUSAL  
REDOX @ 34"

TEST PIT 2-2 DEPTH 93"  
0-8" LEAF LITTER & TOPSOIL  
8-27" LIGHT BROWN FINE SANDY LOAM  
27-93" COARSE SAND & GRAVEL (APPROX. 60% GRAVEL)  
ROOTS TO 65"  
NO GROUND WATER  
NO REFUSAL  
NO REDOX

TEST PIT 3-1 DEPTH 87"  
0-16" LEAF LITTER & TOPSOIL  
16-52" YELLOW BROWN FINE SANDY LOAM  
52-87" COARSE SAND & GRAVEL (APPROX. 30% GRAVEL)  
ROOTS TO 65"  
NO GROUND WATER  
NO REFUSAL  
NO REDOX

TEST PIT 4-1 DEPTH 85"  
0-10" LEAF LITTER & TOPSOIL  
10-47" YELLOW BROWN FINE SILTY SAND  
47-85" COARSE SAND & GRAVEL (APPROX. 25% GRAVEL)  
ROOTS TO 78"  
NO GROUND WATER  
NO REFUSAL  
REDOX @ 47"

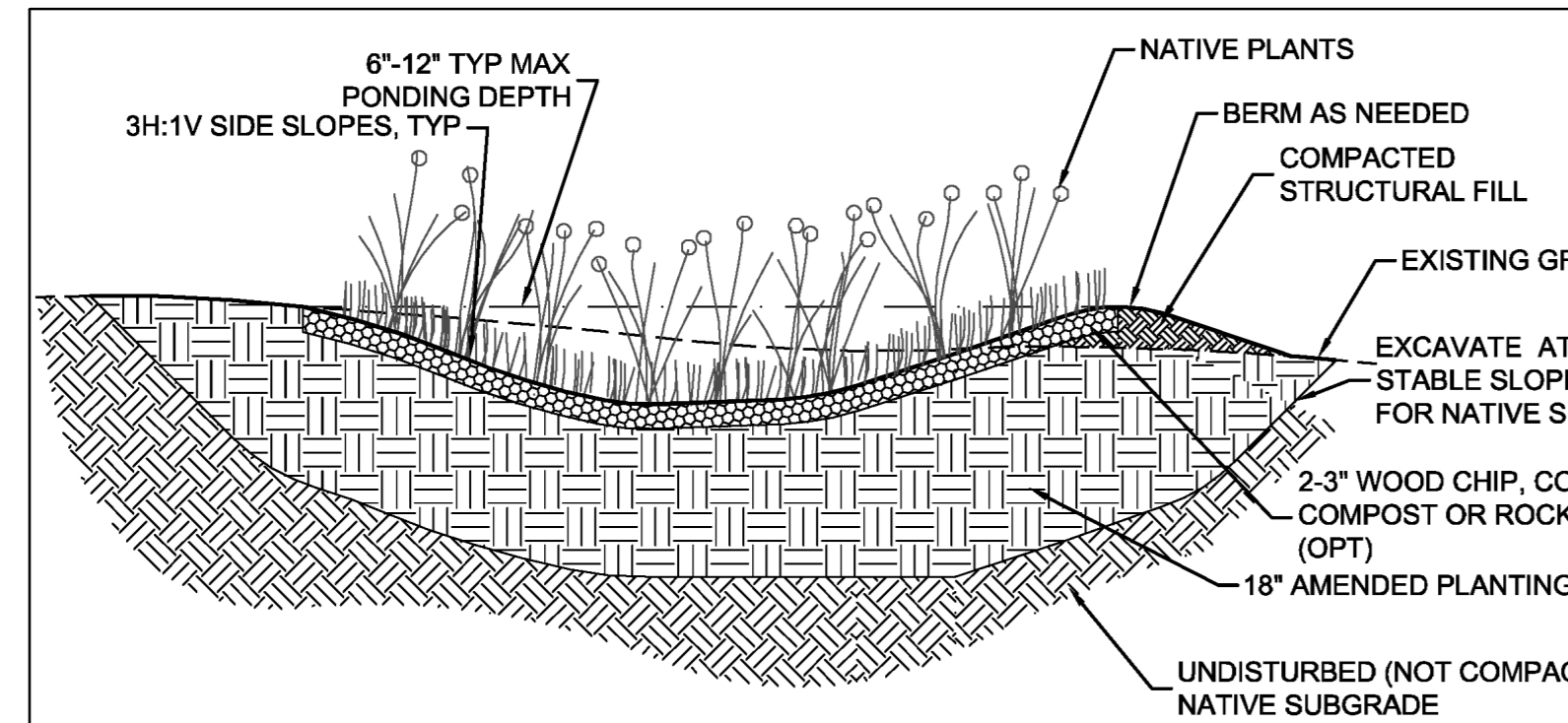
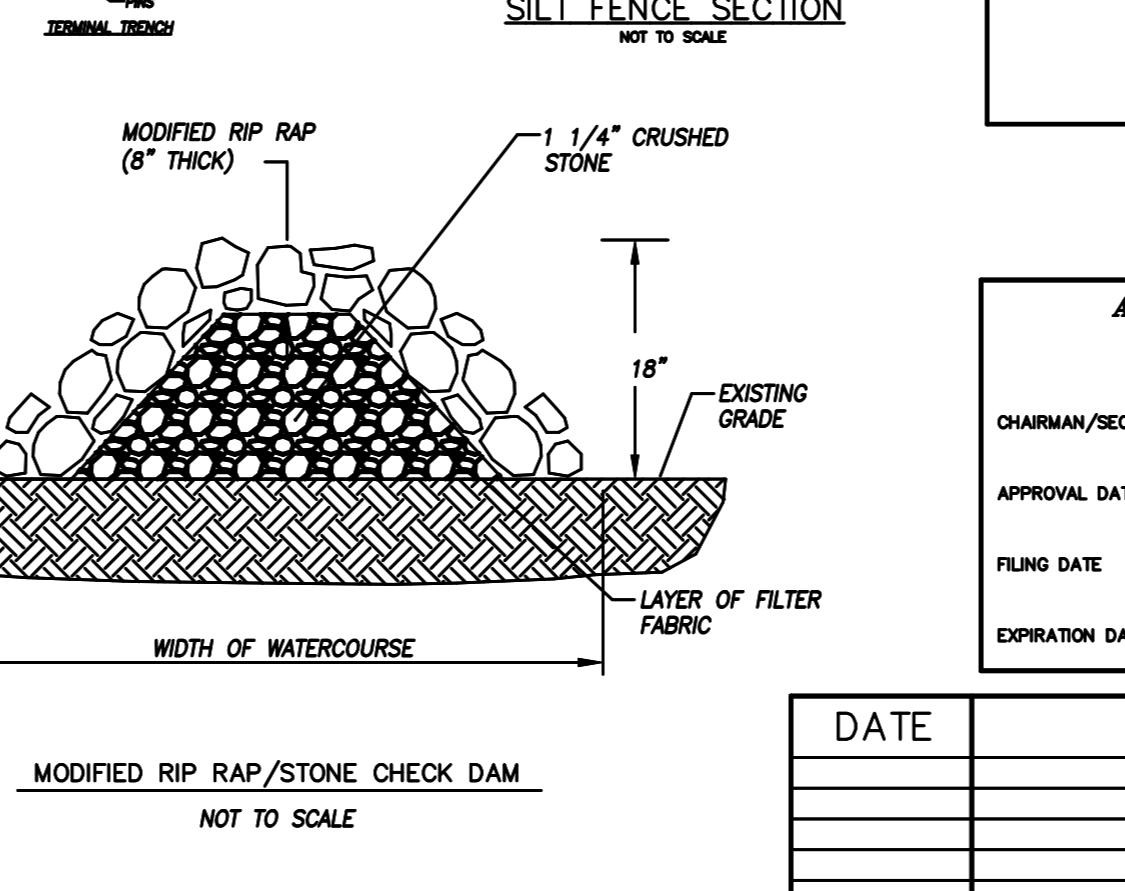
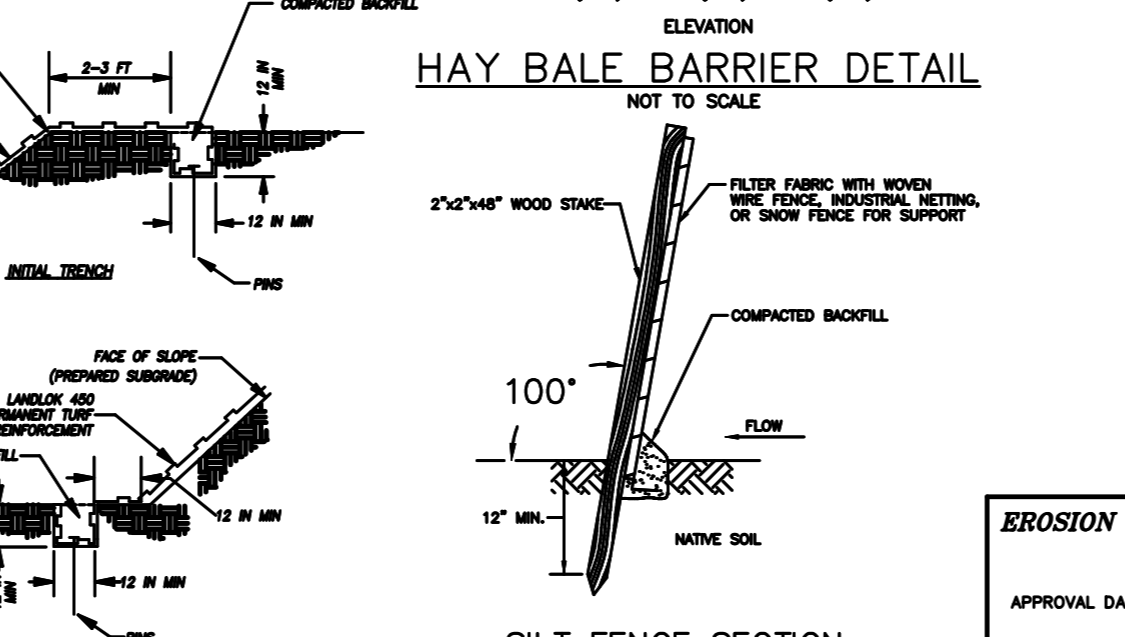
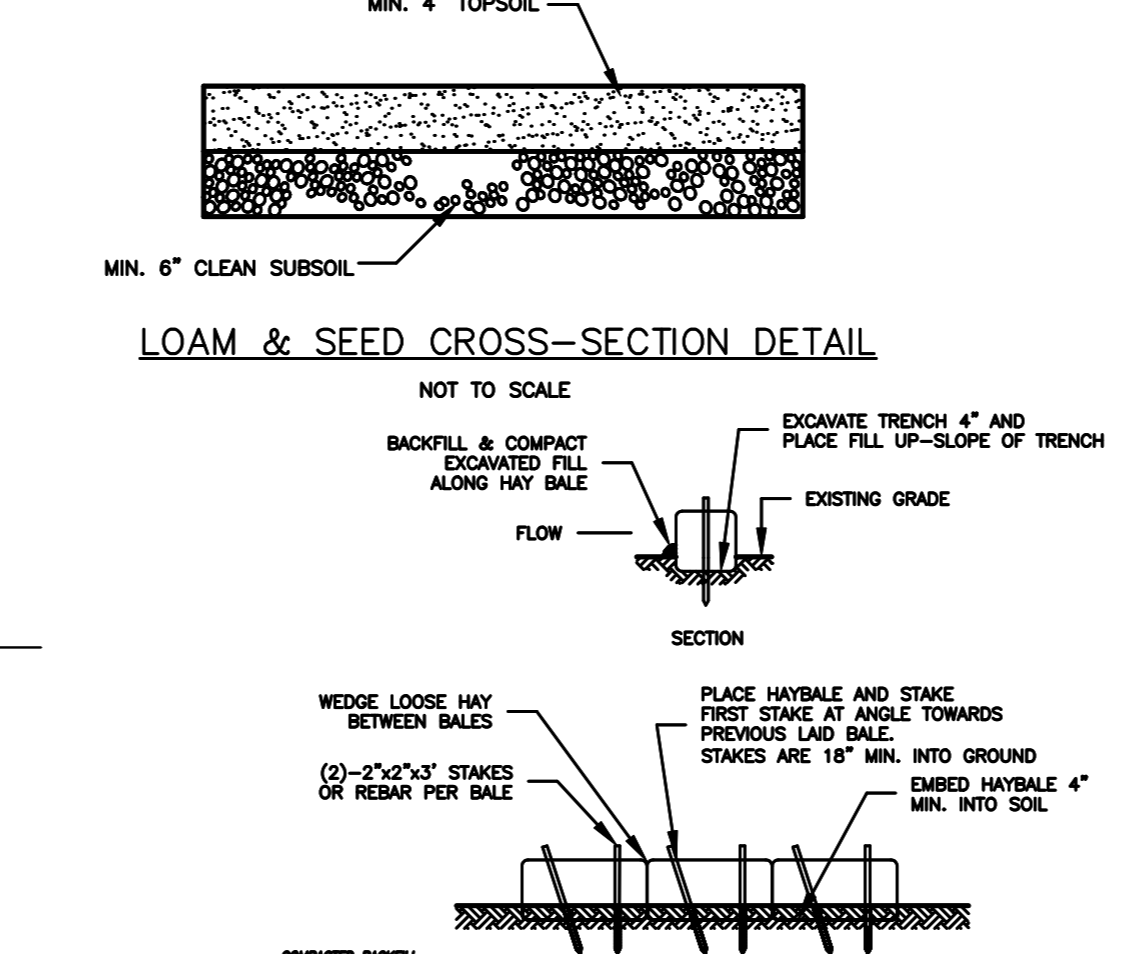
TEST PIT 4-2 DEPTH 85"  
0-10" LEAF LITTER & TOPSOIL  
10-47" YELLOW BROWN FINE SILTY SAND  
47-85" COARSE SAND & GRAVEL (APPROX. 25% GRAVEL)  
ROOTS TO 78"  
NO GROUND WATER  
NO REFUSAL  
REDOX @ 47"

TEST PIT 4-1 DEPTH 85"  
0-7" LEAF LITTER & TOPSOIL  
7-53" LIGHT BROWN FINE SANDY LOAM  
53-85" COMPACT GRAY BROWN MED-COARSE SAND TRACE GRAVEL  
NO REFUSAL  
NO GROUND WATER  
NO REDOX

TEST PIT 4-2 DEPTH 93"  
0-8" LEAF LITTER & TOPSOIL  
8-27" ORANGE BROWN SANDY LOAM  
27-93" LIGHT YELLOW TO GRAY BROWN MED. COARSE SANDY LOAM  
NO REFUSAL  
NO GROUND WATER  
NO REDOX

TEST PIT 5-1 DEPTH 85"  
0-9" LEAF LITTER & TOPSOIL  
9-30" ORANGE BROWN VERY FINE SILTY LOAM  
30-85" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)  
ROOTS TO 52"  
NO REFUSAL  
NO GROUND WATER  
NO REDOX

TEST PIT 5-2 DEPTH 100"  
0-8" TOPSOIL  
8-61" LIGHT YELLOW TO LIGHT GRAY BROWN VERY FINE SILTY SAND, MOTTLED  
61-100" BROWN COARSE SAND & GRAVEL (APPROX. 25% GRAVEL)  
NO GROUND WATER  
NO REFUSAL  
NO REDOX  
REDOX @ 32"



**Infiltration Rain Garden with Planting Soil**  
LID 1.06 NTS

RAIN GARDEN IS TO BE SIZED TO ACCOMMODATE THE RUN OFF FROM ONE INCH (1") OF RAIN FALL FOR ALL IMPERVIOUS SURFACE AREA ON THE LOT

THIS DRAWING IS THE PROPERTY OF THE L.L.C. THIS PLAN AND REPRODUCTIONS, ADDITIONS OR REVISIONS OF THIS PLAN ARE NOT VALID WITHOUT THE ENGINEER'S SEAL AND SIGNATURE OR BLUE COLORED STAMPED SEAL AND SIGNATURE OF THE LAND SURVEYOR OR ENGINEER WHO PREPARED THIS PLAN.

**DETAIL SHEET**  
**NOTTINGHAM HILLS SUDDIVISION**  
**PHASE 5**  
**PROPERTY OF**  
**COLD SPRING LOT MANAGEMENT LLC**  
**121 UPPER PATTAGANSETT ROAD**  
**EAST LYME CT. 06333**

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

APPROVED BY THE EAST LYME PLANNING COMMISSION

CHAIRMAN/SECRETARY \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

FILED DATE \_\_\_\_\_

EXPIRATION DATE \_\_\_\_\_

DATE	REVISION

SCALE: 1" = 100'  
DATE: AUGUST 3, 2021

SHEET 5 OF 5  
JOB NO. 18-036

**GERWICK - MEREEEN L.L.C.**  
P.O. BOX 565 191 BOSTON POST ROAD  
EAST LYME, CONNECTICUT 06333  
TEL: (860)442-2201 FAX: (860)442-2205



- EROSION & SEDIMENT CONTROL NARRATIVE**
- PRE-CONSTRUCTION**
- 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 EROSION.
  - 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.
- DURING CONSTRUCTION**
- 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.
  - ALL DISTURBED AREAS NOT COVERED BY BUILDINGS, PAVEMENT OR WOOD MULCH SHALL BE PLANTED WITH GRASS ON 4 IN. TOPSOIL OR 8" SAND.
  - 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.
  - A FABRIC FILTER SOCK SHALL BE USED FOR ANY DEWATERING.
  - STRAW EROSION BLANKETS WILL BE USED ON ALL DISTURBED SLOPES OF 25% OR GREATER IN ADDITION TO STANDARD EROSION CONTROL MEASURES.

**PERC TEST RESULTS  
AUGUST 11, 2021**

	<b>54.1</b>		<b>54.2</b>	
	Hole Depth 24"		Hole Depth 24"	
	Measurement	Drop	Measurement	Drop
10:00	Pre Soak		Pre Soak	
11:00	Dry/refill 12"		Dry/refill 12"	
11:10	17.75"	- 5.25"	16"	- 4"
11:20	19"	- 1.25"	18"	- 2"
11:30	21.75"	- 2.75"	20"	- 2"
11:40	X	X	22.75"	- 2.75"
	Rate = 8 min. per inch		Rate = 5 min per inch	
	<b>55.1</b>		<b>55.2</b>	
	Hole Depth 24"		Hole Depth 24"	
	Measurement	Drop	Measurement	Drop
10:15	Pre Soak		Pre Soak	
11:15	Dry/refill 12"		Dry/refill 12"	
11:25	18"	- 6"	17.75"	- 5.75"
11:35	21"	- 3"	20"	- 2.25"
11:45	22.75"	- 2.75"	22"	- 2"
11:55	X	X	X	X
	Rate = 3.6 min. per inch		Rate = 5 min. per inch	
	<b>56.1</b>		<b>56.2</b>	
	Hole Depth 24"		Hole Depth 24"	
	Measurement	Drop	Measurement	Drop
8:00	Pre Soak		Pre Soak	
9:00	Dry/refill 12"		Dry/refill 12"	
9:10	18.5"	- 6.5"	16"	- 4"
9:20	20.5"	- 2"	18"	- 2"
9:30	22.5"	- 2"	20.75"	- 2.75"
9:40	X		22.25"	- 1.50"
9:50	X		X	
	Rate = 5 min. per inch		Rate = 6.6 min. per inch	

	<b>57.1</b>		<b>57.2</b>	
	Hole Depth 24"		Hole Depth 24"	
	Measurement	Drop	Measurement	Drop
12:00	Pre Soak		Pre Soak	
1:30	Dry/refill 12"		Dry/refill 12"	
1:40	18"	- 6"	14"	- 2"
1:50	20"	- 2"	16"	- 2"
2:00	22.25"	- 2.25"	17.75"	- 1.75"
2:10	Dry	- 1.75"	20"	- 2.25"
2:20	X	X	21.25	- 1.25"
	Rate = 5.7 min. per inch		Rate = 8 min per inch	
	<b>58.1</b>		<b>58.2</b>	
	Hole Depth 24"		Hole Depth 24"	
	Measurement	Drop	Measurement	Drop
12:05	Pre Soak		Pre Soak	
1:35	Dry/refill 12"		Dry/refill 12"	
1:45	15.5"	- 3.5"	14.5	- 2.5
1:55	17.25"	- 1.75"	17"	- 2.5"
2:05	19.25"	- 2"	19.25"	- 2.25"
2:15	20.75"	- 1.5"	21.75"	- 1.75"
2:25	22.75"	- 2.0"	X	X
2:35	X			
	Rate = 6.6 min. per inch		Rate = 5.7 min. per inch	

**SEPTIC DESIGNS (All)**  
A) 4 Bedroom House with a 1-10MIN./In. Perk Rate  
B) 1500 Gallon Septic Tank  
C) Geomatrix GST 6218  
D) Total leaching Area Required 680 S.F. Area provided 53" GST 6218 @14 S.F./L.F. = 742 S.F.

THIS DRAWING IS THE PROPERTY OF THE LAND SURVEYOR. THIS PLAN AND REPRODUCTIONS, ADDITIONS OR REVISIONS OF THIS PLAN ARE NOT VALID WITHOUT THE EMBOSSED SEAL AND SIGNATURE OF THE LAND SURVEYOR WHO PREPARED THIS PLAN.

DATE	REVISION

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

CHAIRMAN/SECRETARY

APPROVED BY THE EAST LYME  
PLANNING COMMISSION

CHAIRMAN/SECRETARY: \_\_\_\_\_  
APPROVAL DATE: \_\_\_\_\_  
FILM DATE: \_\_\_\_\_  
EXPIRATION DATE: \_\_\_\_\_

DETAIL SHEET  
NOTTINGHAM HILLS SUDDIVISION  
PHASE 5  
PROPERTY OF  
COLD SPRING LOT MANAGEMENT LLC  
121 UPPER PATTAGANNSETT ROAD  
EAST LYME CT. 06333

DATE: OCTOBER 19, 2021  
SHEET 5A OF 5  
JOB NO. 18-036



**GERWICK - MEREEN L.L.C.**  
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JOHN PAUL MEREEN  
TITLE: LAND SURVEYOR CT No. 18859