

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 HOFFMAN 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. COONROO"
 - F. "PARCEL OF LAND CONVEYED TO CONNECTICUT TRAILS COUNCIL OF GIRL SCOUTS, INC. EAST LYME, CONN. 1" = 80' C. BANNING 3/30/69"
 - G. "PLAN OF PROPERTY OF J. C. PENNY COMPANY, INC. IN THE TOWN OF EAST LYME, CONN. SCALE 1" = 100' HIL. 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 MCGIVER 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 HIAVATIC 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 MOSTOWY ROAD EAST LYME, CONNECTICUT J. ROBERT PFANNER & ASSOCIATES P.C. 1" = 300' DATE 4-05-05 LAST REVISED 5-11-05"
3. TOPOGRAPHY IS BASED ON NAVD 88 DATUM.
 4. BEARINGS ARE BASED ON THE CONNECTICUT GRID SYSTEM.
 5. WETLANDS WERE DELINEATED BY RICHARDS SHARSKI CERTIFIED SOIL SCIENTIST AND FIELD LOCATED BY CERWICK MEREN, LLC.



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 LLC
 18 DRABIK ROAD
 EAST LYME CT. 06333

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

APPROVED BY THE EAST LYME PLANNING COMMISSION

CHAIRMAN/SECRETARY _____

APPROVAL DATE _____

FILING DATE _____

EXPIRATION DATE _____

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



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



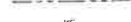



0.2% ANNUAL CHANCE
OF FLOOD HAZARDS
ZONE X
TOWN OF EAST LYME
090096
MAP 09011C0338G
EFF. 7/15/2011

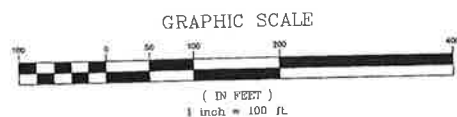
TOTAL AREA (SOUTH)
41,150± Sq. Ft.
0.94± Ac.

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 



**APPROVED BY THE EAST LYME
PLANNING COMMISSION**

CHAIRMAN/SECRETARY _____
 APPROVAL DATE _____
 FILING DATE _____
 EXPIRATION DATE _____

SOIL TYPES

29B	Agawam fine sandy loam, 3 to 6 percent slopes
38C	Hickley loamy sand, 3 to 15 percent slopes
61B	Carlton and Charlton fine sandy loams, 0 to 6 percent slopes, very stony
73C	Charlton-Chaffield complex, 0 to 15 percent slopes, very rocky
73E	Charlton-Chaffield complex, 15 to 45 percent slopes, very rocky
75C	Holls-Chaffield Rock outcrop complex, 3 to 15 percent slopes
76E	Rock outcrop-Holls complex, 3 to 45 percent slopes
W	Water

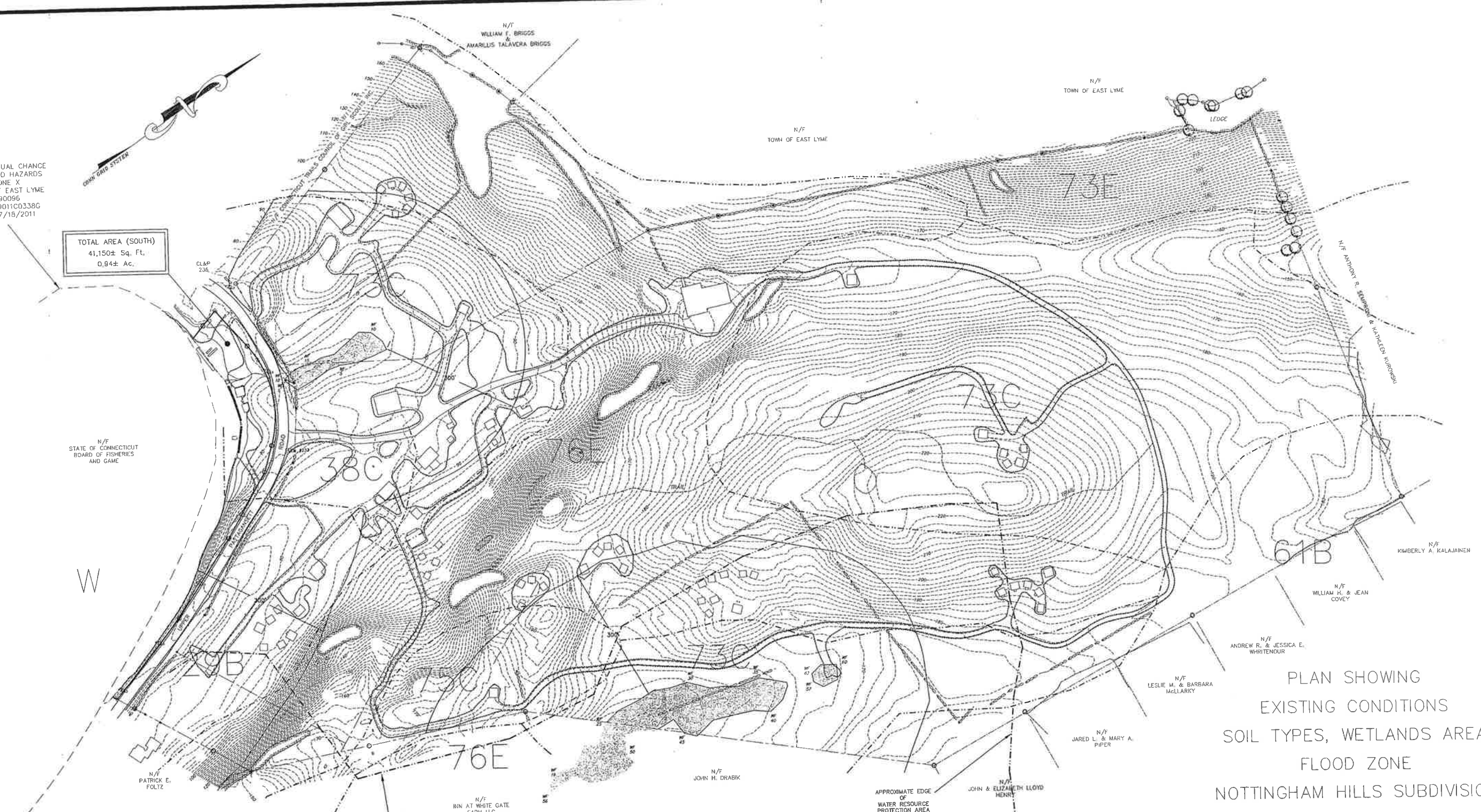
PLAN SHOWING
EXISTING CONDITIONS
SOIL TYPES, WETLANDS AREA
FLOOD ZONE
NOTTINGHAM HILLS SUBDIVISION
PHASE 5
PROPERTY OF
COLD SPRING LOT MANAGEMENT LLC
121 UPPER PATTAGANNSETT ROAD
EAST LYME CT. 06333

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

SHEET 2 OF 5
JOB NO. 18-036



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

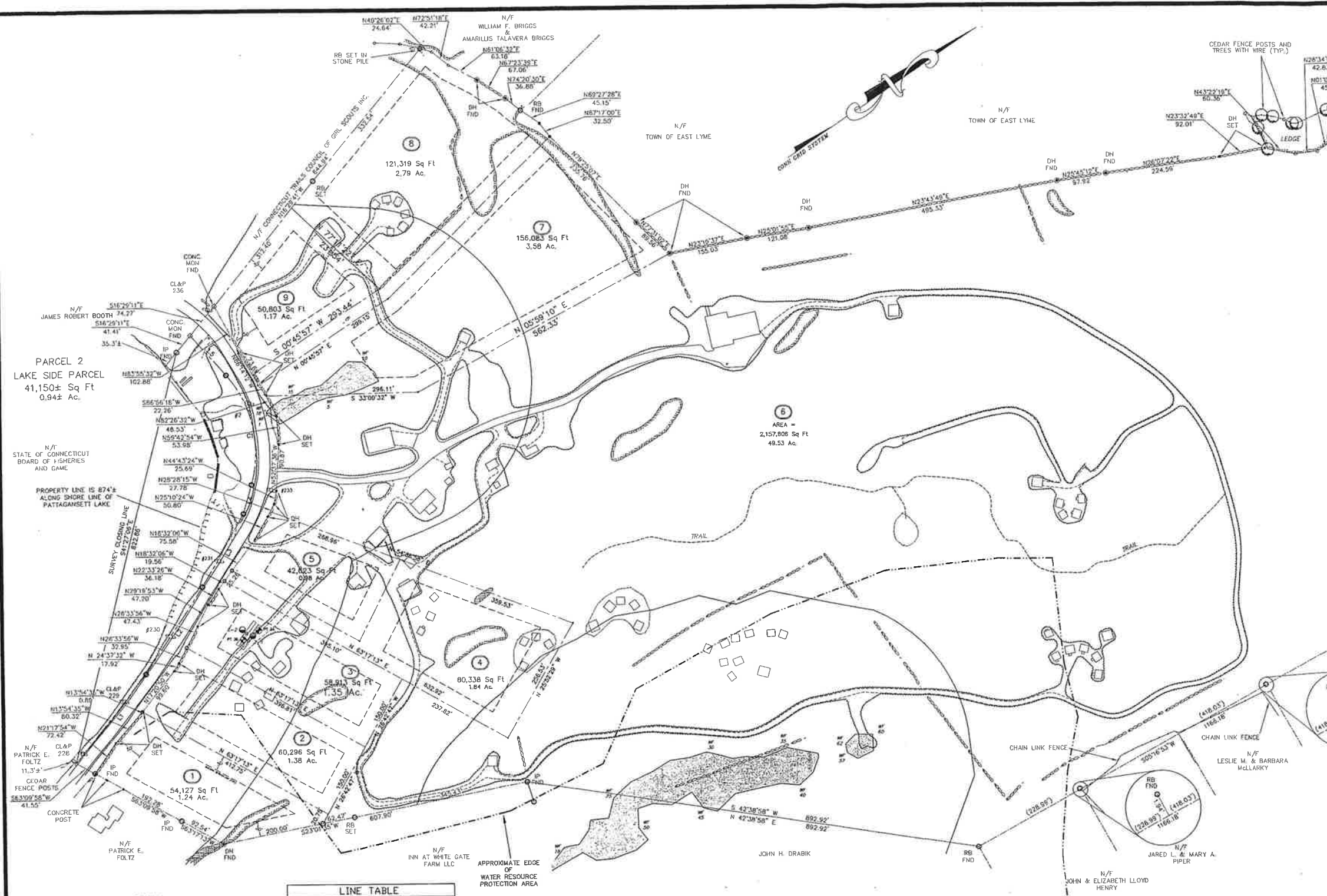


THIS DRAWING IS THE PROPERTY OF THE LAND SURVEYOR.
THIS PLAN AND REPRODUCTIONS, ADDITIONS OR REVISIONS OF
THIS PLAN ARE NOT VALID WITHOUT THE EMBOSSED SEAL AND
SIGNATURE OF THE LAND SURVEYOR WHO PREPARED THIS PLAN.

- NOTES:**
- THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300b-1 THROUGH 20-300b-7B 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. CHURCH, SURVEYOR JULY 1926"
 - "MAP OF FREDERICK W. HARVEY PROPERTY ON PATTAGANSETT LAKE TOWN OF EAST LYME, CONN. DEC. 1933 SCALE 1" = 40' ERNEST DESHREY"
 - "MAP OF PROPERTY OF FREDERICK W. HARVEY OFF PATTAGANSETT ROAD EAST LYME, CONN. SCALE 1" = 60' AUG. 1934 ERNEST DESHREY"
 - "PLAN SHOWING PROPERTY OF NEW LONDON COUNCIL OF GIRL SCOUTS INC. ON PATTAGANSETT LAKE EAST LYME, CONN. SCALE 1" = 110' NOV. 1950 JOSEPH HOFFMAN LAND SURVEYOR"
 - "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"
 - "PARCEL OF LAND CONVEYED TO CONNECTICUT TRAILS COUNCIL OF GIRL SCOUTS, INC. EAST LYME, CONN. 1" = 80' C. BANNING 3/30/69"
 - "PLAN OF PROPERTY OF J. C. PENNY COMPANY, INC. IN THE TOWN OF EAST LYME, CONN. SCALE 1" = 100' CHANDLER, PALMER & KING NORWICH, CONN. MARCH 12, 1972 SHEET 1 OF 2"
 - "SECTION No. 1 HUCKLEBERRY HILL UPPER PATTAGANSETT ROAD EAST LYME, CT. OWNED BY H. JENETTE BOOTH & SALLY MACIVER SCALE 1" = 40' MARCH 21, 1974 MCKAY ENGINEERING"
 - "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"
 - "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"
 - "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 MOSTOWY ROAD EAST LYME, CONNECTICUT J. ROBERT PFANNER & ASSOCIATES P.C. 1" = 300' DATE 4-05-05 LAST REVISED 5-11-05"
 - 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 PATTAGANNSETT ROAD
 EAST LYME CT. 06333

SCALE: 1" = 100'
 DATE: AUGUST 3, 2021
 SHEET 3 OF 5
 JOB NO. 18-036



LEGEND

- STONE WALL
- PROPERTY LINE
- STREET LINE
- DH/LI 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°32'00"W
L2	202.28	N22°34'13"W
L3	162.52	N25°57'00"W
L4	58.81	N39°22'48"W
L5	103.35	S82°20'28"W

CURVE TABLE

CURVE	DELTA	LENGTH	RADIUS	TANGENT	CORD
C1	58°16'48"	228.86	225.00	125.44	219.12

CORD BEARING = N68°31'09"W



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

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

John Paul M...

JOHN PAUL MEREEN
 TITLE: LAND SURVEYOR CT No. 18859
 DATE: OCTOBER 6, 2020

APPROVED BY THE EAST LYME PLANNING COMMISSION

CHAIRMAN/SECRETARY _____
 APPROVAL DATE _____
 FILING DATE _____
 EXPIRATION DATE _____



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

MLSS

LOT 1
 PROPOSED HOUSE IS A FOUR BEDROOM HOUSE, BASIS OF DESIGN IS FOR
 FOUR BEDROOMS WITH TWO FULL BATHS AND TWO GARAGES WITH A PERG RATE OF
 1.0-1.000 WHP/AC. SYSTEM AREA REQUIRED IS 577.50 SF. AND IS SUPPLIED
 AS FOLLOWS:
 1 ROW OF 50 LF. OF 4" DIA. CONCRETE COT 474 AT 10.0 SF. PER LF. =500 SF.
 TOTAL LEADING AREA=500 SF.
 RESTRICTIVE LAYER =1" HYDRALIC GRADIENT=1-10.00
 MLSS REQUIRED =11(10) X P(1.70) X P(1.00)=21 SF
 MLSS SUPPLIED = 50

LOT 2
 PROPOSED HOUSE IS A FOUR BEDROOM HOUSE, BASIS OF DESIGN IS FOR
 FOUR BEDROOMS WITH TWO FULL BATHS AND TWO GARAGES WITH A PERG RATE OF
 1.0-1.000 WHP/AC. SYSTEM AREA REQUIRED IS 577.50 SF. AND IS SUPPLIED
 AS FOLLOWS:
 1 ROW OF 50 LF. OF 4" DIA. CONCRETE COT 474 AT 10.0 SF. PER LF. =500 SF.
 TOTAL LEADING AREA=500 SF.
 RESTRICTIVE LAYER =1" HYDRALIC GRADIENT=1-10.00
 MLSS REQUIRED =11(10) X P(1.70) X P(1.00)=21 SF
 MLSS SUPPLIED = 50

LOT 3
 PROPOSED HOUSE IS A FOUR BEDROOM HOUSE, BASIS OF DESIGN IS FOR
 FOUR BEDROOMS WITH TWO FULL BATHS AND TWO GARAGES WITH A PERG RATE OF
 1.0-1.000 WHP/AC. SYSTEM AREA REQUIRED IS 577.50 SF. AND IS SUPPLIED
 AS FOLLOWS:
 1 ROW OF 50 LF. OF 4" DIA. CONCRETE COT 474 AT 10.0 SF. PER LF. =500 SF.
 TOTAL LEADING AREA=500 SF.
 RESTRICTIVE LAYER =1" HYDRALIC GRADIENT=1-10.00
 MLSS REQUIRED =11(10) X P(1.70) X P(1.00)=21 SF
 MLSS SUPPLIED = 50

PROPOSED HOUSE IS A FOUR BEDROOM HOUSE, BASIS OF DESIGN IS FOR
 FOUR BEDROOMS WITH TWO FULL BATHS AND TWO GARAGES WITH A PERG RATE OF
 1.0-1.000 WHP/AC. SYSTEM AREA REQUIRED IS 577.50 SF. AND IS SUPPLIED
 AS FOLLOWS:
 1 ROW OF 50 LF. OF 4" DIA. CONCRETE COT 474 AT 10.0 SF. PER LF. =500 SF.
 TOTAL LEADING AREA=500 SF.
 RESTRICTIVE LAYER =1" HYDRALIC GRADIENT=1-10.00
 MLSS REQUIRED =11(10) X P(1.70) X P(1.00)=21 SF
 MLSS SUPPLIED = 50



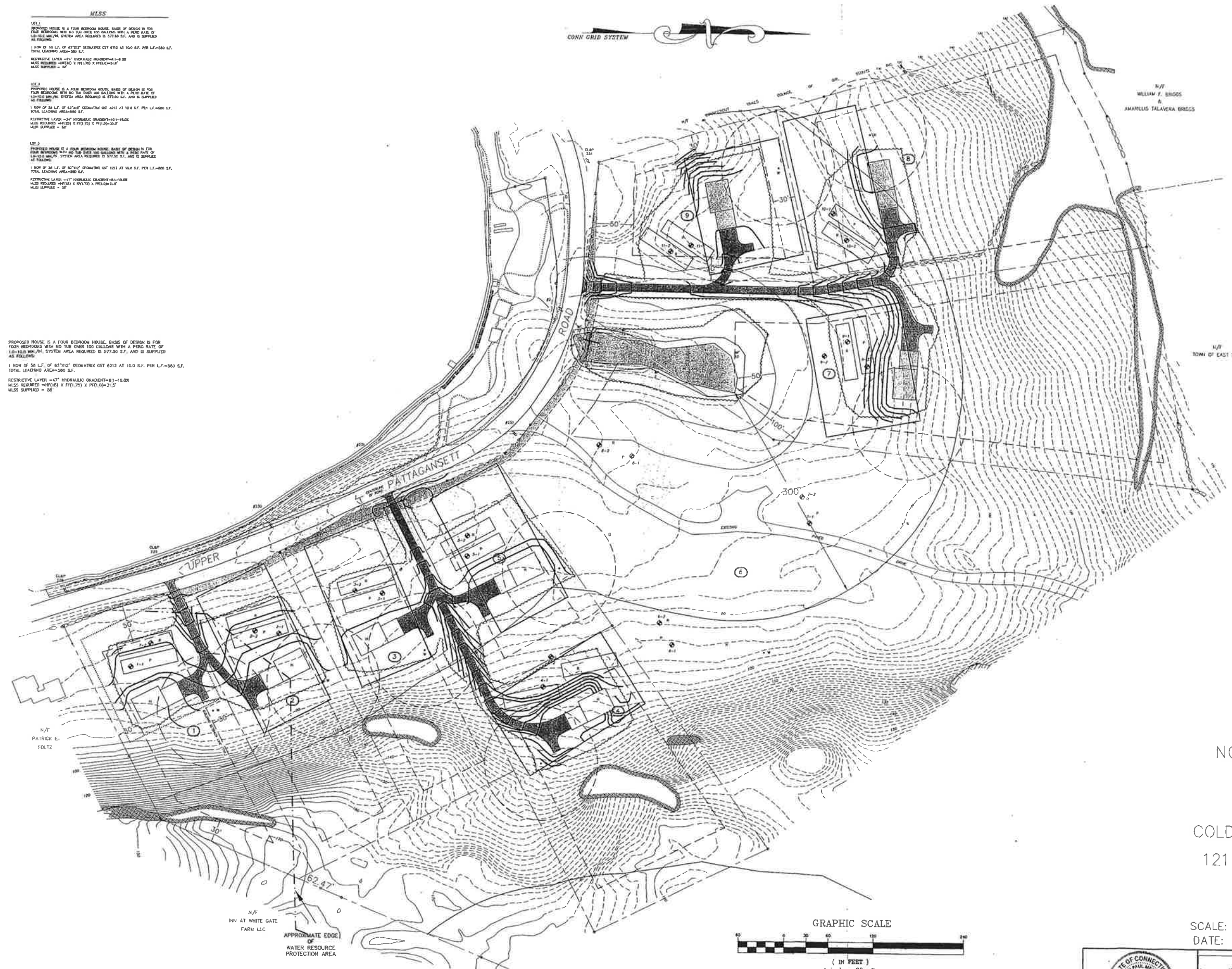
APPROVED BY THE EAST LYME PLANNING COMMISSION

CHAIRMAN/SECRETARY: _____

APPROVING DATE: _____

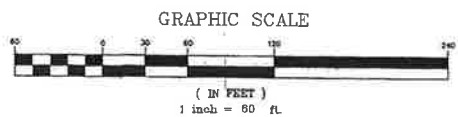
FIELD DATE: _____

EXPIRATION DATE: _____



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

SCALE: 1" = 60'
 DATE: AUGUST 3, 2021
 SHEET 4 OF 5
 JOB NO. 18-036



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.



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 1 ADDITIONAL BUILDING LOT 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 DEVICES, 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 SHIPPING 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-SEEDING 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 ADJUTING 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 SPRING/SUMMER OF 2021. 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 E&S PLANS ARE HIGHLY 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. IT IS 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 UPWIND SIDE OF THE BARRIER LOCATION.
2. POSITION THE POSTS ON THE DOWNWIND 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 BACKFILL.
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 WETLAND 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 OPERATIONS IT SHALL BE LOOSENED 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 PROMOTE THE TEMPORARY VEGETATIVE COVER. STRAW FREE FROM WEEDS AND COARSE 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 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 SPREAD, ALL 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 300 LBS. PER ACRE OR 7.5 LBS. PER S.F. WORK LIMESTONE INTO THE SOIL TO A DEPTH OF 4 INCHES. INSPECT SEEDING BEFORE SEEDING. IF TRAFFIC HAS COMPACTED THE SOIL, RETILL COMPACTED AREAS. APPLY THE FOLLOWING GRASS SEED MIX:

SEED MIXTURE	LB /ACRE	LAGS./1000 S.F.
KENTUCKY BLUEGRASS	20	0.45
CREeping RED FESCUE	20	0.45
PERENNIAL RYEGRASS	45	1.00

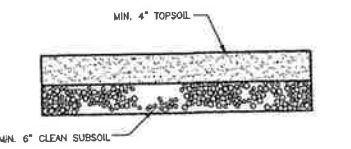
THE RECOMMENDED SEEDING DATES ARE:

APRIL 1 - JUNE 5 AND AUGUST 1 - SEPTEMBER 15

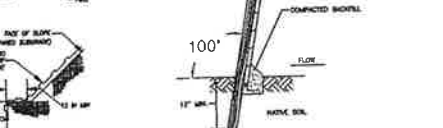
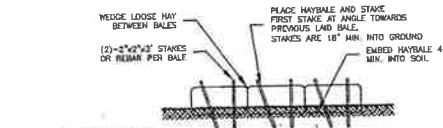
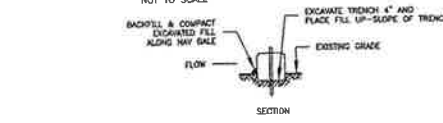
FOLLOWING SEEDING, FIRM SEED BED WITH A ROLLER, MULCH WITH WEED FREE STRAW IMMEDIATELY FOLLOWING SEEDING, IF A PERMANENT VEGETATIVE STAND CANNOT BE ESTABLISHED BY SEPTEMBER 30, APPLY A TEMPORARY COVER ON THE TOPSOIL.

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.



LOAM & SEED CROSS-SECTION DETAIL



TEST PIT 6-1 DEPTH 86"
 0-6" LEAF LITTER & TOPSOIL
 6-27" LIGHT ORANGE BROWN MED-COARSE SANDY LOAM
 27-85" LIGHT YELLOW TO GRAY BROWN MED-COARSE SANDY LOAM
 ROOTS TO 91"
 NO REFUSAL
 NO GROUND WATER
 NO REDOX

TEST PIT 6-2 DEPTH 92"
 0-6" LEAF LITTER & TOPSOIL
 6-23" LIGHT ORANGE BROWN FINE SANDY LOAM
 23-82" LIGHT YELLOW TO GRAY BROWN MED-COARSE SANDY LOAM, TRACE GRAVEL
 NO GROUND WATER
 NO REFUSAL
 NO REDOX

TEST PIT 7-1 DEPTH 76"
 0-6" TOPSOIL
 6-28" LIGHT BROWN FINE SANDY LOAM
 28-78" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)
 REFUSAL @ 78" (LARGE BOULDER ?)
 ROOTS TO 53"
 NO GROUND WATER
 NO REFUSAL
 NO REDOX

TEST PIT 7-2 DEPTH 76"
 0-7" TOPSOIL
 7-28" LIGHT BROWN FINE SANDY LOAM
 28-78" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)
 ROOTS TO 50"
 NO GROUND WATER
 NO REFUSAL
 NO REDOX

TEST PIT 8-1 DEPTH 86"
 0-7" LEAF LITTER & TOPSOIL
 7-40" LIGHT BROWN VERY FINE SILTY SAND
 40-74" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)
 STANDING WATER @ 74"
 ROOTS TO 59"
 NO REFUSAL
 REDOX @ 33"

TEST PIT 8-2 DEPTH 76"
 0-7" LEAF LITTER & TOPSOIL
 7-41" LIGHT BROWN FINE SILTY SAND
 41-61" YELLOW BROWN FINE SANDY LOAM
 STANDING WATER @ 65"
 ROOTS TO 43"
 REDOX @ 37"

TEST PIT 8-3 DEPTH 66"
 0-11" LEAF LITTER & TOPSOIL
 11-50" LIGHT BROWN FINE SAND LOAM
 NO REFUSAL
 REDOX @ 37"

TEST PIT 8-4 DEPTH 50"
 0-9" LEAF LITTER & TOPSOIL
 9-25" YELLOW BROWN FINE SANDY LOAM
 STANDING WATER @ 25"
 ROOTS TO WATERLINE
 NO REFUSAL
 NO APPARENT REDOX ABOVE WATER LINE
 *STAND PIPES OF ADDITIONAL TEST PITS IN ALT. LOCATION

TEST PIT 10-1 DEPTH 86"
 0-9" LEAF LITTER & TOPSOIL
 9-16" ORANGE BROWN FINE SANDY LOAM
 16-32" YELLOW BROWN FINE SANDY LOAM
 32-52" GRAY BROWN FINE SILTY SAND - MOTTLED
 52-83" 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 78"
 0-10" LEAF LITTER & TOPSOIL
 10-23" ORANGE BROWN FINE SANDY LOAM
 23-38" YELLOW BROWN FINE SANDY LOAM
 38-78" YELLOW BROWN FINE SAND WITH GRAVEL
 ROOTS TO 42"
 NO GROUND WATER
 NO REFUSAL
 REDOX @ 38"

TEST PIT 11-1 DEPTH 86"
 0-8" LEAF LITTER & TOPSOIL
 8-22" ORANGE BROWN FINE SANDY LOAM
 22-68" LIGHT YELLOW TO GRAY BROWN MED-COARSE SAND, TRACE GRAVEL
 MANY ROCKS PRESENT
 ROOTS TO 56"
 NO GROUND WATER
 NO REFUSAL
 REDOX @ 60"
 MANY ROCKS PRESENT

TEST PIT 11-2 DEPTH 68"
 0-9" LEAF LITTER & TOPSOIL
 9-23" ORANGE BROWN FINE SANDY LOAM
 23-89" LIGHT YELLOW TO GRAY BROWN MED-COARSE SAND, TRACE GRAVEL
 COMPACT @ 47" (RESTRICTIVE)
 ROOTS TO 58"
 NO GROUND WATER
 NO REDOX
 POSSIBLE REFUSAL @ 60"
 MANY ROCKS PRESENT

TEST PIT 5-1 DEPTH 86"
 0-9" LEAF LITTER & TOPSOIL
 9-36" ORANGE BROWN VERY FINE SILTY LOAM
 36-88" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)
 NO REFUSAL
 ROOTS TO 82"
 NO GROUND WATER
 NO REDOX

TEST PIT 5-2 DEPTH 100"
 0-8" TOPSOIL
 8-81" LIGHT YELLOW TO LIGHT GRAY BROWN VERY FINE SILTY SAND, MOTTLED
 81-100" BROWN COARSE SAND & GRAVEL (APPROX. 25% GRAVEL)
 ROOTS TO 70"
 NO GROUND WATER
 NO REFUSAL
 REDOX @ 32"

TEST PIT 5-3 DEPTH 86"
 0-9" LEAF LITTER & TOPSOIL
 9-16" ORANGE BROWN FINE SANDY LOAM
 16-32" ORANGE BROWN FINE SANDY LOAM
 32-86" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)
 NO REFUSAL
 ROOTS TO 82"
 NO GROUND WATER
 NO REDOX

TEST PIT 5-4 DEPTH 86"
 0-9" LEAF LITTER & TOPSOIL
 9-16" ORANGE BROWN FINE SANDY LOAM
 16-32" ORANGE BROWN FINE SANDY LOAM
 32-86" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)
 NO REFUSAL
 ROOTS TO 82"
 NO GROUND WATER
 NO REDOX

TEST PIT 5-5 DEPTH 86"
 0-9" LEAF LITTER & TOPSOIL
 9-16" ORANGE BROWN FINE SANDY LOAM
 16-32" ORANGE BROWN FINE SANDY LOAM
 32-86" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)
 NO REFUSAL
 ROOTS TO 82"
 NO GROUND WATER
 NO REDOX

TEST PIT 5-6 DEPTH 86"
 0-9" LEAF LITTER & TOPSOIL
 9-16" ORANGE BROWN FINE SANDY LOAM
 16-32" ORANGE BROWN FINE SANDY LOAM
 32-86" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)
 NO REFUSAL
 ROOTS TO 82"
 NO GROUND WATER
 NO REDOX

TEST PIT 5-7 DEPTH 86"
 0-9" LEAF LITTER & TOPSOIL
 9-16" ORANGE BROWN FINE SANDY LOAM
 16-32" ORANGE BROWN FINE SANDY LOAM
 32-86" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)
 NO REFUSAL
 ROOTS TO 82"
 NO GROUND WATER
 NO REDOX

TEST PIT 5-8 DEPTH 86"
 0-9" LEAF LITTER & TOPSOIL
 9-16" ORANGE BROWN FINE SANDY LOAM
 16-32" ORANGE BROWN FINE SANDY LOAM
 32-86" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)
 NO REFUSAL
 ROOTS TO 82"
 NO GROUND WATER
 NO REDOX

TEST PIT 5-9 DEPTH 86"
 0-9" LEAF LITTER & TOPSOIL
 9-16" ORANGE BROWN FINE SANDY LOAM
 16-32" ORANGE BROWN FINE SANDY LOAM
 32-86" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)
 NO REFUSAL
 ROOTS TO 82"
 NO GROUND WATER
 NO REDOX

TEST PIT 5-10 DEPTH 86"
 0-9" LEAF LITTER & TOPSOIL
 9-16" ORANGE BROWN FINE SANDY LOAM
 16-32" ORANGE BROWN FINE SANDY LOAM
 32-86" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)
 NO REFUSAL
 ROOTS TO 82"
 NO GROUND WATER
 NO REDOX

TEST PIT 5-11 DEPTH 86"
 0-9" LEAF LITTER & TOPSOIL
 9-16" ORANGE BROWN FINE SANDY LOAM
 16-32" ORANGE BROWN FINE SANDY LOAM
 32-86" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)
 NO REFUSAL
 ROOTS TO 82"
 NO GROUND WATER
 NO REDOX

TEST PIT 5-12 DEPTH 86"
 0-9" LEAF LITTER & TOPSOIL
 9-16" ORANGE BROWN FINE SANDY LOAM
 16-32" ORANGE BROWN FINE SANDY LOAM
 32-86" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)
 NO REFUSAL
 ROOTS TO 82"
 NO GROUND WATER
 NO REDOX

TEST PIT 5-13 DEPTH 86"
 0-9" LEAF LITTER & TOPSOIL
 9-16" ORANGE BROWN FINE SANDY LOAM
 16-32" ORANGE BROWN FINE SANDY LOAM
 32-86" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)
 NO REFUSAL
 ROOTS TO 82"
 NO GROUND WATER
 NO REDOX

TEST PIT 5-14 DEPTH 86"
 0-9" LEAF LITTER & TOPSOIL
 9-16" ORANGE BROWN FINE SANDY LOAM
 16-32" ORANGE BROWN FINE SANDY LOAM
 32-86" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)
 NO REFUSAL
 ROOTS TO 82"
 NO GROUND WATER
 NO REDOX

TEST PIT 5-15 DEPTH 86"
 0-9" LEAF LITTER & TOPSOIL
 9-16" ORANGE BROWN FINE SANDY LOAM
 16-32" ORANGE BROWN FINE SANDY LOAM
 32-86" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)
 NO REFUSAL
 ROOTS TO 82"
 NO GROUND WATER
 NO REDOX

SITE TESTING APRIL 17 - 18, 2019
 121 UPPER PATTAGANSETT ROAD EAST LYME
 WITNESSED BY DANIELLE HOLMES SANITARIAN
 LEDGE LIGHT HEALTH DISTRICT

TEST PIT 1-1 DEPTH 96"
 0-8" LEAF LITTER & TOPSOIL
 8-27" LIGHT YELLOW BROWN FINE SANDY LOAM
 27-85" COARSE SAND & GRAVEL
 NO REFUSAL
 ROOTS TO 86"
 NO GROUND WATER
 REDOX @ 29" (NOT GROUND WATER)

TEST PIT 1-2 DEPTH 86"
 0-9" LEAF LITTER & TOPSOIL
 9-30" LIGHT YELLOW BROWN FINE SANDY LOAM
 30-85" COARSE SAND & GRAVEL (APPROX. 25% GRAVEL)
 ROOTS TO 70"
 NO GROUND WATER
 NO REFUSAL
 REDOX @ 24-30" (NOT GROUND WATER)

TEST PIT 1-3 DEPTH 86"
 0-9" LEAF LITTER & TOPSOIL
 9-30" LIGHT YELLOW BROWN FINE SANDY LOAM
 30-85" COARSE SAND & GRAVEL (APPROX. 25% GRAVEL)
 ROOTS TO 70"
 NO GROUND WATER
 NO REFUSAL
 REDOX @ 24-30" (NOT GROUND WATER)

TEST PIT 1-4 DEPTH 86"
 0-9" LEAF LITTER & TOPSOIL
 9-30" LIGHT YELLOW BROWN FINE SANDY LOAM
 30-85" COARSE SAND & GRAVEL (APPROX. 25% GRAVEL)
 ROOTS TO 70"
 NO GROUND WATER
 NO REFUSAL
 REDOX @ 24-30" (NOT GROUND WATER)

TEST PIT 1-5 DEPTH 86"
 0-9" LEAF LITTER & TOPSOIL
 9-30" LIGHT YELLOW BROWN FINE SANDY LOAM
 30-85" COARSE SAND & GRAVEL (APPROX. 25% GRAVEL)
 ROOTS TO 70"
 NO GROUND WATER
 NO REFUSAL
 REDOX @ 24-30" (NOT GROUND WATER)

TEST PIT 2-1 DEPTH 87"
 0-16" LEAF LITTER & TOPSOIL
 16-82" YELLOW BROWN FINE SANDY LOAM
 82-87" COARSE SAND & GRAVEL (APPROX. 60% GRAVEL)
 ROOTS TO 80"
 NO GROUND WATER
 NO REFUSAL
 NO REDOX

TEST PIT 2-2 DEPTH 87"
 0-16" LEAF LITTER & TOPSOIL
 16-82" YELLOW BROWN FINE SANDY LOAM
 82-87" COARSE SAND & GRAVEL (APPROX. 60% GRAVEL)
 ROOTS TO 80"
 NO GROUND WATER
 NO REFUSAL
 NO REDOX

TEST PIT 2-3 DEPTH 87"
 0-16" LEAF LITTER & TOPSOIL
 16-82" YELLOW BROWN FINE SANDY LOAM
 82-87" COARSE SAND & GRAVEL (APPROX. 60% GRAVEL)
 ROOTS TO 80"
 NO GROUND WATER
 NO REFUSAL
 NO REDOX

TEST PIT 2-4 DEPTH 87"
 0-16" LEAF LITTER & TOPSOIL
 16-82" YELLOW BROWN FINE SANDY LOAM
 82-87" COARSE SAND & GRAVEL (APPROX. 60% GRAVEL)
 ROOTS TO 80"
 NO GROUND WATER
 NO REFUSAL
 NO REDOX

TEST PIT 2-5 DEPTH 87"
 0-16" LEAF LITTER & TOPSOIL
 16-82" YELLOW BROWN FINE SANDY LOAM
 82-87" COARSE SAND & GRAVEL (APPROX. 60% GRAVEL)
 ROOTS TO 80"
 NO GROUND WATER
 NO REFUSAL
 NO REDOX

TEST PIT 2-6 DEPTH 87"
 0-16" LEAF LITTER & TOPSOIL
 16-82" YELLOW BROWN FINE SANDY LOAM
 82-87" COARSE SAND & GRAVEL (APPROX. 60% GRAVEL)
 ROOTS TO 80"
 NO GROUND WATER
 NO REFUSAL
 NO REDOX

TEST PIT 2-7 DEPTH 87"
 0-16" LEAF LITTER & TOPSOIL
 16-82" YELLOW BROWN FINE SANDY LOAM
 82-87" COARSE SAND & GRAVEL (APPROX. 60% GRAVEL)
 ROOTS TO 80"
 NO GROUND WATER
 NO REFUSAL
 NO REDOX

TEST PIT 2-8 DEPTH 87"
 0-16" LEAF LITTER & TOPSOIL
 16-82" YELLOW BROWN FINE SANDY LOAM
 82-87" COARSE SAND & GRAVEL (APPROX. 60% GRAVEL)
 ROOTS TO 80"
 NO GROUND WATER
 NO REFUSAL
 NO REDOX

TEST PIT 2-9 DEPTH 87"
 0-16" LEAF LITTER & TOPSOIL
 16-82" YELLOW BROWN FINE SANDY LOAM
 82-87" COARSE SAND & GRAVEL (APPROX. 60% GRAVEL)
 ROOTS TO 80"
 NO GROUND WATER
 NO REFUSAL
 NO REDOX

TEST PIT 2-10 DEPTH 87"
 0-16" LEAF LITTER & TOPSOIL
 16-82" YELLOW BROWN FINE SANDY LOAM
 82-87" COARSE SAND & GRAVEL (APPROX. 60% GRAVEL)
 ROOTS TO 80"
 NO GROUND WATER
 NO REFUSAL
 NO REDOX

TEST PIT 2-11 DEPTH 87"
 0-16" LEAF LITTER & TOPSOIL
 16-82" YELLOW BROWN FINE SANDY LOAM
 82-87" COARSE SAND & GRAVEL (APPROX. 60% GRAVEL)
 ROOTS TO 80"
 NO GROUND WATER
 NO REFUSAL
 NO REDOX

TEST PIT 2-12 DEPTH 87"
 0-16" LEAF LITTER & TOPSOIL
 16-82" YELLOW BROWN FINE SANDY LOAM
 82-87" COARSE SAND & GRAVEL (APPROX. 60% GRAVEL)
 ROOTS TO 80"
 NO GROUND WATER
 NO REFUSAL
 NO REDOX

TEST PIT 2-13 DEPTH 87"
 0-16" LEAF LITTER & TOPSOIL
 16-82" YELLOW BROWN FINE SANDY LOAM
 82-87" COARSE SAND & GRAVEL (APPROX. 60% GRAVEL)
 ROOTS TO 80"
 NO GROUND WATER
 NO REFUSAL
 NO REDOX

TEST PIT 2-14 DEPTH 87"
 0-16" LEAF LITTER & TOPSOIL
 16-82" YELLOW BROWN FINE SANDY LOAM
 82-87" COARSE SAND & GRAVEL (APPROX. 60% GRAVEL)
 ROOTS TO 80"
 NO GROUND WATER
 NO REFUSAL
 NO REDOX

TEST PIT 2-15 DEPTH 8