

LEGEND

- EXISTING IRON ROD
- IRON ROD TO BE SET
- EXISTING CONCRETE MONUMENT

 SING

 CONCRETE MONUMENT TO BE SET

 WETLANDS FLAG

 WETLANDS WETLAND WETLAND

BUSHNELL ASSOCIATES LLC. CIVIL ENGINEERING AND LAND SURVEYING 563 WOODBRIDGE STREET MANCHESTER, CT. 06042

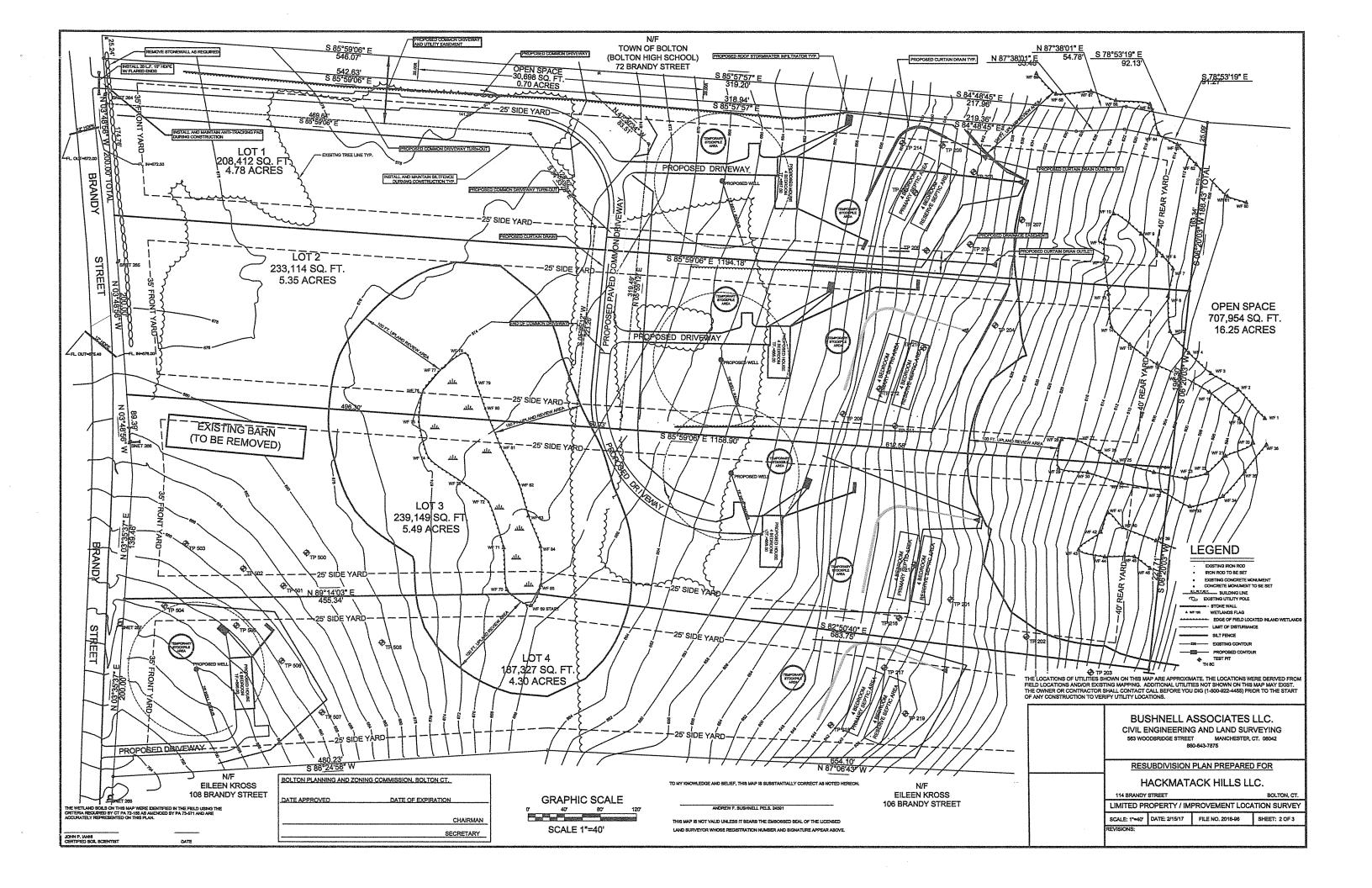
RESUBDIVISION PLAN PREPARED FOR

HACKMATACK HILLS LLC. 114 BRANDY STREET

RESUBDIVISION PLAN SCALE: 1"=100" DATE:7/28/2017 FILE NO. 2016-96 SHEET: 1 OF 3

GRAPHIC SCALE

ANDREW F. SUSHMELL PIELS, 24591
THIS MAP IS NOT VALID UNLESS IT SEARS THE EMBOSSED SEAL OF THE LICENSED LAND SURVEYOR WHOSE REGISTRATION NUMBER AND SIGNATURE APPEAR ABOVE.



TEST PITS OSSERVED BY
JOHN HANN HEALAND SOLS LLC
ANDREW BUSHNELL PELS, BUSHNELL ASSOCIATES LLC
HOLLY HOLD PS, EASTREN HICKLANDS HEALTH DISTRICT
22-2017 TEST PITS OBSERVED BY JOHN WASH HIGHLAND SOILS LLC. ANDREW BUSHNIELL PELS, BUSHN LOT 1: PERCOLATION RATE: 1-10.0 MINNN TP 20S RESTRICTIVE LAYER 20' TP 20S RESTRICTIVE LAYER 20' TP 20T RESTRICTIVE LAYER 30' TP 20T RESTRICTIVE LAYER 20' TP 20S RESTRICTIVE LAYER 21' TP 20S RESTRICTIVE LAYER 22' TP 21S RESTRICTIVE LAYER 22' TP 21S RESTRICTIVE LAYER 22' RESTRICTIVE LAYER 22' GROUND SLOPE 4.1-20% 4 RESTRICTIVE LAYER 21' RESTRICTIVE LAYER 21' RESTRICTIVE LAYER 21' RESTRICTIVE LAYER 21' ARCHIVE 30 ROUND SLOPE 4.1-20% 4 RESTRICTIVE LAYER 21' REST PERCOLATION TEST RESULTS
PERFORMED BY BUSHNELL ASSOCIATES LLC 12-14-2018
TEST PTI 200
0-9"
TOPSOS,
9-16"
BROWN FINE SANDY LOAM
18-72 COMPACT TILL
15-16" MOTTEN
LEDGE @ 72"
NO SEEPAGE
ROOTS TO 15-16" 2-2-30T1
TEST PT 208 A
0-12" TOPSOL
1-2-30" LOHIT RED VERY FINE SANDY LOAM
30-30" VERY FINE SANDY TILL
30-30" MOTLEND
NO LEDGE
SEEPAGE @ 40"
ROOTS TO 30" PRIESCAK 10:53 AM 7/28/2017
START 11:55 AM 7/28/2017
ST OF WATER IN HOLE@START
22" DEEP HOLE
TIME READING D
(MRL) (NL)
5 3 1/2
5 5 33/4 Á BEORDOM HOUSE MAISB = 42 HF 3, 5 FM 3,20 FF = 128,0 FT. EPPECTIVE LEACHING AREA RECURREDPROVIDED (S.O. FT.) 650 / 650 (2-110 FT. 4FT, WIDE STONE AND PIPE LEACHING TRENCHES) TEST PIT 209
0-15" TOPSOLAFIL
16-20" BLREED TOPSOL
30-40" PRE SANDY LOA
34-80" VERY FRE SAND
NO LEPOSE
SEEPAGE @ 24"
ROOTS TO 24" LOT 2:
PERCOLATION RATE: 1-10.0 MENIN
TP 200 NOT SUTFABLE
TP 204 RESTRICTINE LAYER 27*
TP 210 RESTRICTINE LAYER 23*
TP 211 RESTRICTINE LAYER 23*
TP 212 RESTRICTINE LAYER 23*
TP 212 RESTRICTINE LAYER 23*
TP 212 RESTRICTINE LAYER 23*
GROUND SUCHE A: 4 along
GROUND SUCHE A: 4 along
M. M. S. A. & H. W. A. J. P. W. Z. 2. FF = 100.0 FT.
EFFECTIVE LEACHING AREA REQUIRED/PROVIDED (SQ. FT.) 800 / 800 / 800 / 800 / 8-10 FT. 4-FT. WIDE STONE AND PIPE LEACHING TRENCHES) TEST PIT 210

0-12* TOPSOL

23* MOTTLING

NO LEDGE

SEEPAGE @ 35*

ROOTS TO 35* PERCOLATION RATE = 10.1-20.0 MIN./IV PERC CLATION TEST LOT 2 PERC CLATION TEST LOT PRE-SOAM (1:55 AM 7/29/ START 11:29 AM 7/29/2017 HOLE DRY @START 20 DEEP HOLE TIME READONO (MIN.) (N.) 0 7:34 5 13 10 16:1/2 15 19 LOT 1:

PERCOLATION RATE: 1-10.0 MM/m

IP 301 RESTITICTIVE LAYER 30*

IP 262 RESTRECTIVE LAYER 20*

IP 216 RESTRECTIVE LAYER 20*

IP 216 RESTRECTIVE LAYER 21*

RESTRECTIVE LEACHING AREA REQUIREDIPTE

EFFECTIVE LEACHING AREA REQUIREDIPTE

RESTRECTIVE LEACHING AREA REQUIREDIPTE EST PIT 203 TEST PIT 211
0-11* TOPSCIL
11-33* REDBROWN FINE SANDY LOAM
33-60* VERY FINE SANDY TILL
32* MOTTLENS
NO LEDGE
SEPPAGE @ 39*
ROOTS TO 30* (ML) 5 1/4 3 1/2 2 1/2 ADED (SQ. FT.) 850 / 738 (3-82 FT. AFT, WIDE STONE AND PIPE LEACHING TRENCHES) LOT 4: PERCOLATION RATE: 1-10.0 MIN/IN TEST PIT 212 0-6" TOPSOL 6-21" REDISROWN FINE SANDY 21-80T VERY FINE SANDY TALL 21" MOTTLING NO LEDGE TP 203 RESTRICTIVE LAYER 27* TP 217 RESTRICTIVE LAYER 23* RESTRICTIVE LAYER 23* TEST PIT 206
0-8" TOPSON.
8-23" BROWN FEN
23-84" HARD PAN
23" MOTTLING
NO LEDGE
NO SEEPAGE
ROOTS TO 23" MLSS = 34 HF X 1.2 PF X 2.0 FF = 81.8 FT. EFFECTIVE LEACHING AREA REQUIRED/PR SEEPAGE @ 40" ROOTS TO 18" PERC OLATION TEST LOT 3 PERC OLATION TEST LOT PRE-SOAR 1121 AM 7222 START 12:55 PM 7/22/2017 HOLE DRY (\$57XRT 122* DEEP HOLE TIME READING (ML) 0 4 5 10 3/4 10 12 1/2 15 13 3/4 20 15 OVIDED (SQ. FT.) 880 / 738 (3-82 FT. 4FT. WIDE STONE AND PIPE LEACHING TRENCHES) TEST PIT 213
0-12* TOPSOL
1-2-2* VERY FINE SANDY LOAM
23-72* FINE SANDY TILL
25* MOTTUN
NO LEGGE
SEEPAGE @ 25*
ROOTS TO 25* 53/4 13/4 11/4 11/4 TEST PT 208
0-9" TOPSON
9-25" BROWN
25-80" HARD P/
25" MOTTLING
NO LEDGE
NO SEEPAGE
ROOTS TO 25" TEST PIT 214
0-5" TOPSOIL
0-5" TOPSOIL
5-21" REPRENAN SANDY LOAM
21-46" VERY PINE SANDY TELL
21" MOTTLING
NO LEPIGE
SEEPAGE @ 30"
ROOTS TO 21" TEST PIT 207 TEST PIT 207
0-6" TOPSOIL
6-30" BROWN FRIE SA
36-62" HARD PAN GREN
35" MOTTLING
LEDGE @82"
NO SEEPAGE
ROOTS TO 36" PERC CLATION TEST LOT 4
PRE-SOAK 11:03 AM 7/28/2017
START 12:27 PM 7/28/2017
HOLE DRY @START
23" DEEP HOLE -2" (COMPACTED) BITIMINOUS CONCRETE 4* PROCESSED AGGREGATE (INL) 5 8 3/4 10 1/2 TEST PIT 208 SECOND BE BANK RUN GRAVEL TEST PIT 216
0-8" TOPSOS.
6-21" REDERO
21-80" TEL
21" MOTTLING
NO LEDGE
SEEPAGE @ 40"
ROOTS TO 21" SUITABLE SUB-GRADE TEST PITS OBSERVED BY ANDREW BUSHNELL PELS, BUSHNELL ASSOCIATES LLC HOLLY HOOD RS, EASTREN HIGHLANDS HEALTH DISTRIC PAVED DRIVEWAY/COMMON DRIVEWAY DETAIL (15% MAX GRADE) NOT TO SCALE TEST PIT 217
0-8" TOPSOR.
8-22" REDIRROWN FINE SANDY LOAM
22"-72" VERY FINE RED SANDY TILL
22" MOTTLING 2-2-2017
TEST PIT 500
0-11* TOPSOL
11-21* BROWN FINE SANDY LOAM
11-21* BROWN FINE SANDY TEL
18* MOTTLING
NO LEDGE
SEEPAGE @ 24* -- 4" PROCESSED AGGREGATE SEEPAGE @ 33" ROOTS TO 23" TEST PIT 601
0-10" TOPSOL
10-21" FINE SAHDY LOAM
23-22" YERY FINE YERY FINE SAHDY TILL
20" MOTTLING
MOLEDGE
SEEPAGE @ 20" BORNES 8" BANK RUN GRAVEL 1000000 TEST PITS COSCRIVED BY ANDREW RUSHWELL PELS, BUSHWELL ASSOCIATES LLC HOLLY HOOD RS, EASTREN HIGHLANDS HEALTH DISTRICT 9-13-2017 SUITABLE SUB-GRADE TEST PIT 218
0-11* TOPSOL AND LEAF LITTER
11-28* FRES SANDY LOAM
22-88* VERY FRIM VERY FRE SAND TILL
25* MOTTLAN
NO LEPOSE
ROOTS TO 28* TEST PIT 502 0-12" TOPSOIL 12-22" FINE SANDY LOAM 22-33" VETY FIRM FINE SAND & GRAVEL TILL 22" MOTTLING TYPICAL DRIVEWAY DETAIL (10% MAX GRADE) NOT TO SCALE NO LEDGE SEEPAGE @ 22" TEST PIT 218 TEST PT 503
0-13* TOPSOL
13-19* FINE SAMEY LOAM
19-77* VERY COMPACT SA
19* MOTTLING
NO LEDGE
SEEPAGE @ 46*
ROOTS TO 24* TEST PIT 504
0-10* TOPSOIL
10-22* FRIE SANDY LOAM
22-77* SAND & GRAVEL TILL, COMPACT
22* MOTTLING
NO LEDGE
SEEPAGE @ 20* CT. DOT. 2" TEST PIT 505
0-11* TOPSOIL
11-20* FINE SANDY LOAM
24-80* COMMACT SAND & GRAVEL TILL
21* MOTTLING
NO LEDGE
SEEPAGE © 22* ANTI - TRACKING CONSTRUCTION ENTRANCE Lastanens urt NOT TO SCALE TEST PIT 508
0-10" TOPSON.
10-25" FREE SANDY LOAM
22" MOTTUNG
NO LEDGE
SEEPAGE @ 21" THE STATE OF CALIFIES SELD PROCESSELD CT.

ALL CONTROCTES SO CHARGES SALET SE SETTLED IN

FORMER PROCESSELD AS COFF CENTER SALED SETTLED IN

ALL CONTROCTES SO CHARGES SALET SE SETTLED IN

ALL CONTROCTES SO CHARGES SALET SE

ALL CONTROCTES SALET S TEST PIT 507
0-0" TOPPOOL
9-21" FINE SANDY LOAM
21-80" FINE SANDY TILL
20" MOTTLING
NO LEDGE
SEEPAGE @ 24" VOLUME CALCULATIONS FOR 1IN, OF STORM WATER OVER PROPOSED IMPERVIOUS AREA HOUSE ROOF FOOTPRINT AREA: 1,305 SQ. FT. 1,305 SQ. FT. X. 205 FT. X.746 GALLONSFPER UNITS 3.9 UNITS BOLTON PLANNING AND ZONING COMMISSION, BOLTON CT. TEST PIT 808
0-10" TOPSOL
10-2" FINE SANDY LOAM
27-8" FINE SANDY TILL WIROCKS
16" MOTTLING
NO LEDGE
SEEPAGE @ 16" TYPICAL INFILTRATION UNIT DETAILS DATE APPROVED DATE OF EXPIRATION CULTEC CONTRACTOR 100 OR EQUAL NOT TO SCALE CHAIRMAN SECRETARY

GENERAL NOTES:

1.) ALL WORK SHALL CONFORM TO THE TOWN OF BOLTON REGULATIONS AND STANDARDS AND SPECIFICATIONS.

2.) UNDERGROUND UTILITIES MAY EGST IN THE AREA OF THIS SURVEY, CONTRACTOR TO VERIEY THE PRESENCE AND EXACT LOCATION OF ANY UNDERGROUND UTILITIES PRICE TO THE STRAT OF CONSTRUCTION.

1) ANY TREES TO BE REMOVED WITHIN THE TOWN ROAD RIGHT OF WAY MUST BE POSTED BY THE TREE WARDEN PRIOR TO REMOVAL.

4.) PROPOSED DRIVEWAY SHALL NOT EXCEED 15% SLOPES, DRIVEWAYS WITH SLOPES GREATER THAN 10% SHALL BE PAVED.

5.) NO UNDERGROUND STORAGE TANKS ARE TO BE INSTALLED EXCEPT PROPANE

8.) PRIOR TO THE ISSUANCE OF A CERTIFICATE OF USE AND COMPLIANCE FOR EACH

- OBED HOUSE:
 A ALL REQUIRED BOUNDARY MONUMENT SHALL BE SET BY A LICENSED
 LAND SURVEYOR. THE LAND SURVEYOR SHALL SUPPLY THE PLANNING AND
 ZONING DEPARTMENT WITH A LETTER VERIFYING THE SETTING OF THE
 REQUIRED MONUMENTATION.
- ZONINO DEPARTMENT WITH A LETTER VEREYING THE SETTING OF THE REQUIRED MONIBERTATION.

 8. ALL GRADING MID CLARBING, ESPECIALLY FOR PROPER SIGHT LIKE AND INSTALLATION OF PROVINEY APPONS HAVE LIKE COMPLETED AND INSPECTED BY THE TOWN OF BOLTON.

 6. STREET MANESTER FOR THE PROPOSED HOUSE SHALL BE PLACED ON THE FROM THE STREET AND APPROVED BY THE TOWN OF BOLTON.

 7. THE PROPOSED DEVERNAY SHALL BE BUILT THE DEPOYTED LOCATION ON IN A LOCATION WITH COMPLETE FOR LITTLE SHOPT LIKE AND DRAINAGE CONDITIONS A LOCATION WITH COMPLETE THE SHOPT LIKE AND DRAINAGE CONDITIONS A LOCATION WITH COMPLETE TO REST. BIGHT LIKE AND DRAINAGE CONDITIONS THE DEVERSHIP AND THE SHOPT LIKE AND THE SHOPT LIKE AND THE SHOPT LIKE AND THE SHOPT OF STREETS.

 THE DEVERWAY SHALL HAVE A PAYED APPON AS EXPERIMENDED OF STREETS.

 F. ALL DITHER REQUIREMENTS AS STATED ON THE YEAR.

 7. ALL DITHER REQUIREMENTS AS STATED ON THE PLAYS FALL THE REQUIREMENTS AS STATED ON THE YEAR.

 7. ALL DITHER REQUIREMENTS AS STATED ON THIS PLAY SHALL HAVE BEEN MET AS PER TOWN OF BOLTON REQUIATIONS.

 (3) A SEPTIC STREET AS ABUILT LIKE HAN SHALL BE PROVIDED TO THE EASTERN HIGHLANDS HEALTH DISTRICT BY THE LICENSED BETTC SYSTEM ASTALLER.

7.) OWNER AND/OR CONTRACTOR SHALL BE RESPONSED FFOR ORTANIAG MECESSARY PERMITS.

8.) Limit of individual Lot disturbance is typically delineated by the Sr.T Fence and Limits of Clearing Sylecols shown on the Plans.

a) PROPOSED HOUSES, SEPTIC, DRIVEWAYS, FOOTING DRAIN AND LIMIT OF DISTURBANCE LOCATIONS SHOWN ARE PREJAINARY, LOCATIONS MAY CHANGE WITH FINAL LOT DESIGN.

10.) ALL UTILITIES SHALL BE APPROVED BY THE LOCAL UTILITY COMPANIES PRIOR TO CONSTRUCTION, ALL UTILITIES SHALL BE CONSTRUCTED TO LOCAL UTILITY COMPANY SPECIFICATIONS.

11.) ANY DRAINAGE, COMMON DRIVEWAY, CONSERVATION, UTILITY AND ANY OTHER APPLICABLE EASEMENTS SHALL BE PLACED ON THE DEEDS FOR EACH LOT AFFECTED.

12.) NONIDUAL SITE PLANS ARE REQUIRED FOR EACH LOT PRIOR TO HOUSE CONSTRUCTION. THESE PLANS SHALL SHOW THE FOLLOWING: PROPOSED EROSION AND BEDWIENT CONTROL. HOUSE LOCATION, SEPTIC SYSTEM, WELL, DRIVEWAY, CURTAIN DRAINS (IF RECURRED, FOOTING AND CREAMING.).

13.) STONEWALLS SHALL BE PRESERVED WHENEVER POSSIBLE.

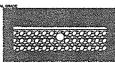
14.) INDIVIDUAL CLEARING LIMITS OF EACH LOT SHALL BE FLAGGED BY A LICENSED LAVID SURVEYOR AND CERTIFIED, TO THE TOWN OF BOLTON, TO BE CONSISTENT WITH THE INDIVIDUAL LOT DEVELOPMENT PLAN PRIOR TO THE START OF ANY STEE DISTURBANCE.

SEPTIC SYSTEM DESIGN NOTES:

1) ALL BEPTIC SYSTEM AREAS SHOWN ARE A CONCEPTUAL DESIGN COMPLYING WITH THE STATE OF CONNECTICAT PUBLIC HEALTH CODE ON-SITE SEWAGE DISPOSAL REGULATIONS AND TECHNICAL STANDARDS FOR SUBSENIANCE DISPOSAL SYSTEMS MANIARY 2011. DEFINIOR DESIGN SEPTIC DESIGN PLANS WILL BE RECURRED FOR SOLD RECHIRCH DEVICE LID PRIOR TO THE ISSUANCE

3.) LOT 2A AND LOT 2B SEPTIC SYSTEMS ARE DESIGNED FOR A 4 BEDROOM HOUSE.

4.) ADDITIONAL TEST PITS MAYBE REQUIRED AT THE TIME OF INDIVIDUAL LOT SITE PLAN DESK



TYPICAL STONE AND PIPE SEPTIC LEACHING TRENCH DETAIL

SUPPORT STAKE AT LEAST 42" LONG X 1.5" SQUARE HARDWOOD STAKE SPACE 10" APART MAX. ANGLE STAKES UP-SLOPE

NOT TO SCALE

ENSIGNA CONTROL CONSTRUCTION REQUENCE PLAN HOUSE LOT DEVELOPMENT NOTE: ALL ENCISION AND BEDMENT CONTROL ACTIVITIES BHALL CONFORM TO THE METHODS OUTLINED IN THE 2022 CONNECTION GUIDELINES FOR ENGISION AND SEDMENT CONTROL MANUAL.

PHASE 1: DRIVEWAY CONSTRUCTION (COMMON DRIVEWAY AND ACCESS DRIVEWAY TO HOUSE SITES)

- 1.) COORDINATE MARKING OF LIMITS OF DISTURBANCE REQUIRED FOR DRIVEWAY CONSTRUCTION ONLY BY A LICENSED LAND SURVEYOR. SUPPLY TOWN EROSION CONTROL OFFICER WITH A LETTER FROM THE SURVEYOR CERTIFYING THE LIMITS OF DISTURBANCE WERE MAYBED BY ACCORDANCE WITH THE APPROVED FAUN.
- 2.) CLEAR TREES AS REQUIRED FOR DRIVEWAY CONSTRUCTION ONLY.
- 3.) PRIOR TO SOIL DISTURBANCE INSTALL EROSCON CONTROL MEASURES REQUIRED FOR DRIVEWAY CONSTRUCTION, STAKED MYTIMALE BACKED SILT FEMCE AND ANTI-TRACKOM PAU SICE FLAN DETALS AND INSPECTATION OF INSTALLED MASSIRES WITH THE EROSCON CONTROL OFFICER. SUPPLY THE TOWN OF BOLTON EROSCON CONTROL OFFICER WITH THE MAME AND PHONE MUMBER OF A CONTACT PERSON RESPONSIBLE FOR THE EROSCON CONTROL MEASURES.
- 3.) PERIODICALLY AND AFTER LARGE RAIN EVENTS INSPECT EROSION CONTROL MEASURES, REPAIR AND REMOVE SEDMENT BUILD UP AS NECESSARY.
- 4.) GRUB AND STRIP TOPSOIL STOCKPILE TOPSOIL IN AREAS INDICATED ON THE APPROVED PLAN.
- 5.) CONSTRUCT RAIN GARDENS AS SHOWN. UTILIZE RAIN GARDENS AS SEDIMENT POOLS DURINING CONSTRUCTION. REMOVE SEGMENT BUILD-LIP FROM RAIN GARDENS AS RECURRED.
- 5.) CONSTRUCT AND STABILIZE DRIVEWAYS WITH PROCESS AGGREGATE BASE COARSE
- 8.) STABLIZE AND COMPLETE RAIN GARDEN CONSTRUCTION.
- 7.) SPREAD STOORPILED TOPSOIL, MACHINE RAKE, FERTILIZE, SEED AND MILCH DISTURSED AREAS, USE GRASS SEED THAT IS ACCEPTABLE FOR THE STEED CONDITIONS (I.E. SUN OR BHADE) AND THE SEASON OF THE YEAR IN WHICH THIS ACTION TO THE STEED PROVIDE TEMPORARY STRANGLAZION OF THE SITE (I.E. STRANG OR MY ETC...) IF THE TOPSOIL IS SPREAD DURRNO A TIME OF YEAR WHEN GRASS SEED WILL NOT GERMINATE. PROVIDE PREMAMENT STABLEZATION WHEN WEATHER CONDITIONS ALLOW.
- 8.) ANY EXISTING DISTURBED AREAS MUST BE SEEDED WITH PERMANENT OR TEMPORARY GROUND COVER AND MULCHED BY OCTOBER 15.

PHASE 2 HOUSE CONSTRUCTION (NOT TO BEGIN UNTIL PHASE 1 IS COMPLETED)

- COORDINATE MARKING OF LIMITS OF DISTURBANCE REQUIRED FOR HOUSE AND SEPTIC CONSTRUCTION ONLY A LICENSED LAND. SLRYEYOR. SUPPLY TOWN EROSION CONTROL OFFICER WITH A LETTER FROM THE RYEYOR CERTIFYING THE LIMITS OF DISTURBANCE WERE MARKED IN ACCOPLANCE WITH THE APPROVED PLAN.
- 2.) CONTINUE TO MAINTIAN EROSION CONTROL MEASURES PLACED FOR DRIVEWAY CONSTRUCTION
- 3.) CLEAR TREES AS REQUIRED FOR HOUSE CONSTRUCTION.
- 4.) PRIOR TO SOIL DISTURBANCE BETALL EROSION CONTROL MEASURES REQUIRED FOR HOUSE CONSTRUCTION, (SEE PLAN DETAILS AND LOCATIONS), ADDITIONAL MEASURES MAY BE REQUIRED AS SITE CONDITIONS REQUIRED COORDINATE AN INSPECTION OF INSTALLED MEASURES WITH THE EROSION CONTROL OFFICES, BYPLY THE TOWN OF SOLTON EROSION CONTROL OFFICER WITH THE NAME, AND PHONE NUMBER OF A CONTACT PERSON RESPONSIBLE FOR THE EROSION CONTROL MEASURES.
- PERIODICALLY AND AFTER LARGE RAIN EVENTS INSPECT EROSION CONTROL MEASURES, REPAIR AND REMOVE SEDIMENT BUILD UP AS NECESSARY.
- 8.) GRUB AND STRIP TOPSOIL STOCKPILE TOPSOIL IN AREAS INDICATED ON THE APPROVED PLAN.
- 7.) CONSTRUCT HOUSE, WELL SEPTIC SYSTEM AND OTHER IMPROVEMENTS AS ISHOWN.
- 8.) PAVE REQUIRED SECTIONS OF THE DRIVEWAYS.
- 9.) SPREAD STOCKPLED TOPSOIL, MACHINE RAKE, FERTILIZE, SEED AND MULCH DISTURBED AREAS, USE GRASS SEED THAT IS ACCEPTABLE FOR THE SITE CONDITIONS (I.E. SUN OR SHADE) AND THE SEASON OF THE YEAR IN WHICH THIS ACTITYTY IS COMPIETED, PROVIDE TEMPORARY STABLILIZATION OF THE SITE (I.S. STEWN OR HAY ETC...) IF THE TOPSOIL IS SPREAD DURNO A TIME OF YEAR WHICH GRASS SEED WILL NOT CERUBATE. PROVIDE PERMANENT STABLIZATION WHEN WEATHER CONDITIONS ALLOW.
- 10.) REMOVE EROSION CONTROL MEASURES AFTER THE SITE HAS BECOME FULLY ESTABLISHED.
- 11.) ANY EXISTING DISTURBED AREAS MUST BE SEEDED WITH PERMANENT OR TEMPORARY GROUND COVER AND MULCHED BY OCTOBER 15.
- 12.) DEWATERING OPERATIONS, IF REQUIRED, SHALL UTILIZE A CRUSHED STONE INTAKE SUMP AND A TEMPORARY OUTLET SILT POOL LOCATED WITHIN THE LIMITS OF DISTURBANCE.

SITE SEEDING NOTES:
PREPARATION: FIRE GRADE AND RAKE SOIL SURFACE TO REMOVE STONES LARGER THAN 2° NOMETHER. INSTALL SEEDING EROSION CONTROL DEVICES SUCH AS SURFACE WATER DIVERSIONS AS REQUIRED. APPLY LIMISTONE AT A RATE OF 2 TONAGE. OR SO LBS./100 SQLFT. KERTLICE WITH 10-10-10 AT A RATE OF \$20 LBS./100 SQLFT. WORK

SEED APPLICATION: APPLY SEED MIXTURE FROM THE CHART BELOW BY HAND, CYCLONE SEEDER OR HYDRO SEEDER, INCREASE SEED MIXTURE BY 10% IF HYDRO SEEDER IS USED LIGHTLY DRAG OR ROLL THE SEEDED SURPRICE TO COVER SEED. SEEDING SHOULD BE DONE BETWEEN THE TIMES SHOWN ON THE CHART BELOW. IF SEEDING CANNOT BE DONE DURING THESE TABLES, REPEAT MULCHOM PROCEDURE BELOW WITH SEEDING CAN TAKE PLACE.

MULCHING: MAMEDIATELY FOLLOWING SEEDING, MULCH THE SEED SURFACE WITH STRAW OR HAY AT A RATE OF 2 TO 3 TONSIAC. SPREAD MULCH BY HAND OR MULCH BLOWER, PUNCH MULCH INTO SOIL SURFACE WITH A TRACK MACHINE OR DISK HARROW SET STRAWFIT UP. IF USING HYDRO SEED MIX. USE TACTIFIER ADDITIVES TO ADHERE MULCH MATERIAL TO THE

SEED SELECTIONS			RECOMMENDED
USE	LB/1000 SQ, FT.	SEED MIXTURE	SEEDING DATES
PERMANENT LAWN	0.45	KENTUCKY BLUEGRASS	4/1-6/15
	0.45	CREEPING RED FESCUE	8/15-10/1
	0.10	PERENNIAL RYEGRASS	
SLOPES & COARSE LA	WN 0.46	CREEPING RED FESCUE	4/1-6/15
	0.06	RED TOP	8/15-10/1
	0.45	TALL FESCUE	
SLOPES INO MOWING	1.6	CREEPING RED FESCUE	4/1-8/15
	0.2	RED TOP	8/15-10/1
TEMPORARY COVER	3.0	WINTER RYE OR	4/15-0/15,8/16-10/15
	1.0	ANNUAL RYEGRASS	3/1-6/15,8/1-10/15

IF SEED IS PLANTED OUTSIDE THE RECOMMENDED SEEDING DATES IRRIGATION MAYBE REQUIRED AT A UNIFORM APPLICATION RATE OF 1 TO 2 INCHES OF WATER APPLIED PER APPLICATION, SOAKING THE GROUND TO A DEPTH OF 4 INCHES.

THE LOCATIONS OF UTILITIES SHOWN ON THIS MAP ARE APPROXIMATE. THE LOCATIONS WERE DERIVED FROM FIELD LOCATIONS AND/OR EXISTING MAPPING. ADDITIONAL UTILITIES NOT SHOWN ON THIS MAP MAY EXIST. THE OWNER OR CONTRACTOR SHALL CONTACT CALL BEFORE YOU DIG (1-800-922-4455) PRIOR TO THE START OF LAND CONTRACTOR SHALL CONTACT CALL BEFORE YOU DIG (1-800-922-4455) PRIOR TO THE START OF LAND CONTRACTOR SHALL CONTACT CALL BEFORE YOU DIG (1-800-922-4455) PRIOR TO THE START OF LAND CONTRACTOR SHALL CONTACT CALL BEFORE YOU DIG (1-800-922-4455) PRIOR TO THE START OF LAND CONTRACTOR SHALL CONTACT CALL BEFORE YOU DIG (1-800-922-4455) PRIOR TO THE START CONTRACTOR SHALL CONTACT CALL BEFORE YOU DIG (1-800-922-4455) PRIOR TO THE START CALL BEFORE YOU DIG (1-800-922-4455) P OF ANY CONSTRUCTION TO VERIFY UTILITY LOCATIONS.

> BUSHNELL ASSOCIATES LLC. CIVIL ENGINEERING AND LAND SURVEYING 583 WOODBRIDGE STREET MANCHESTER, CT. 06042 880-643-7875

RESUBDIVISION PLAN PREPARED FOR

HACKMATACK HILLS LLC.

114 BRANDY STREET E&S PLAN / TEST PIT DATA / CONSTRUCTION DETAILS

SCALE: 1*=40' DATE: 2/15/17 FILE NO. 2018-66 EVISIONS:

SILT FENCE DETAIL NOT TO SCALE

CURL FABRIC UP-SLOPE ----