
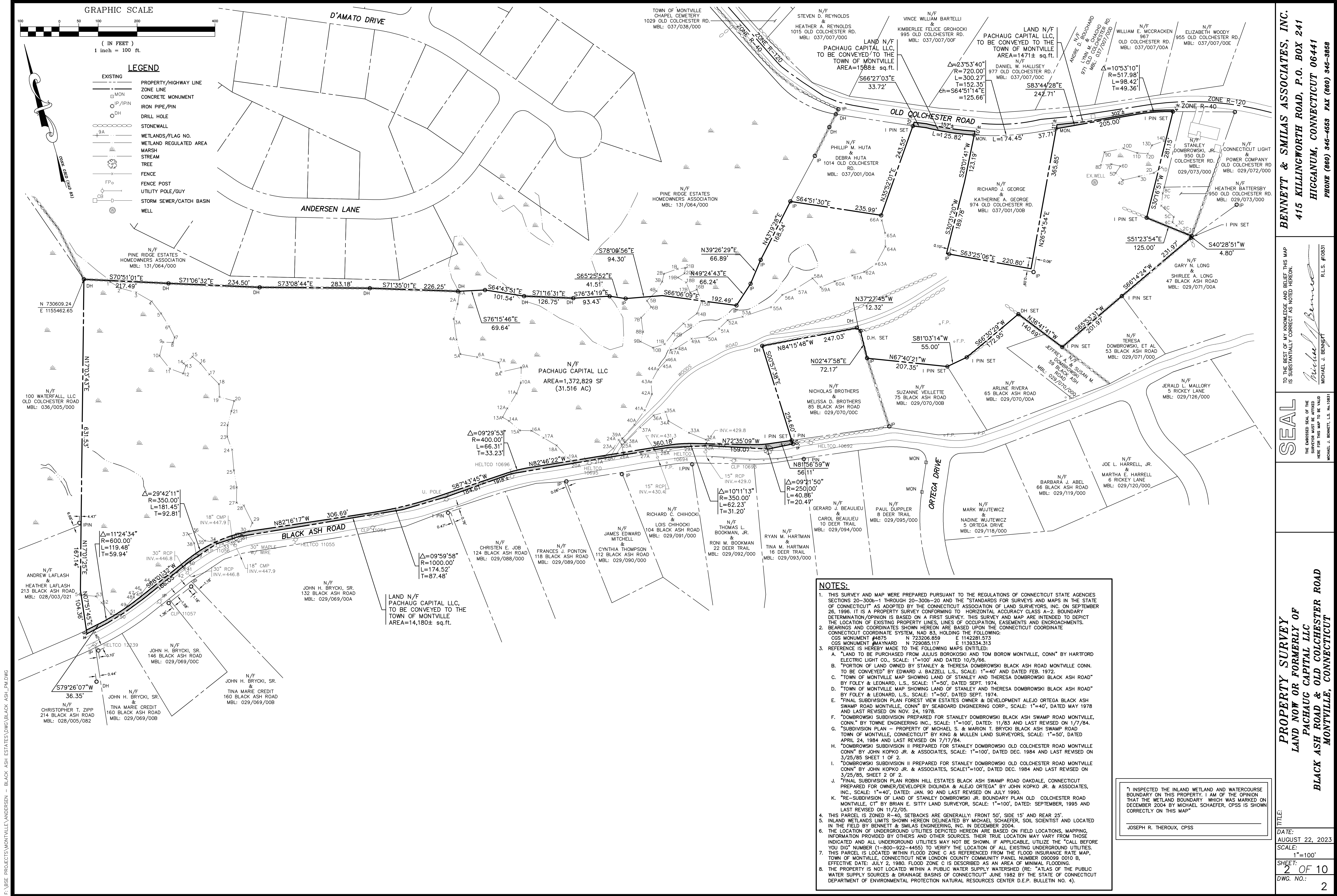
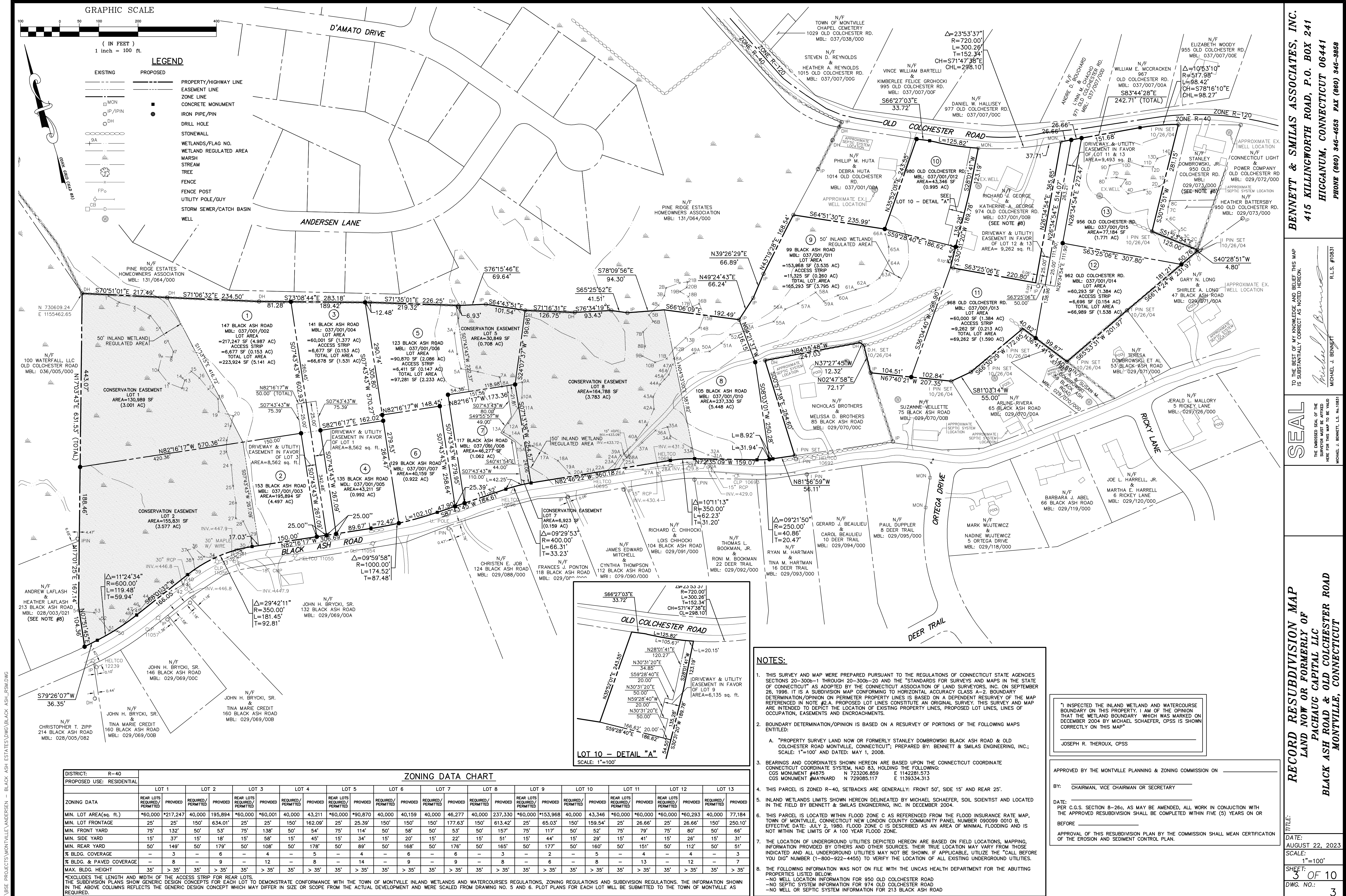
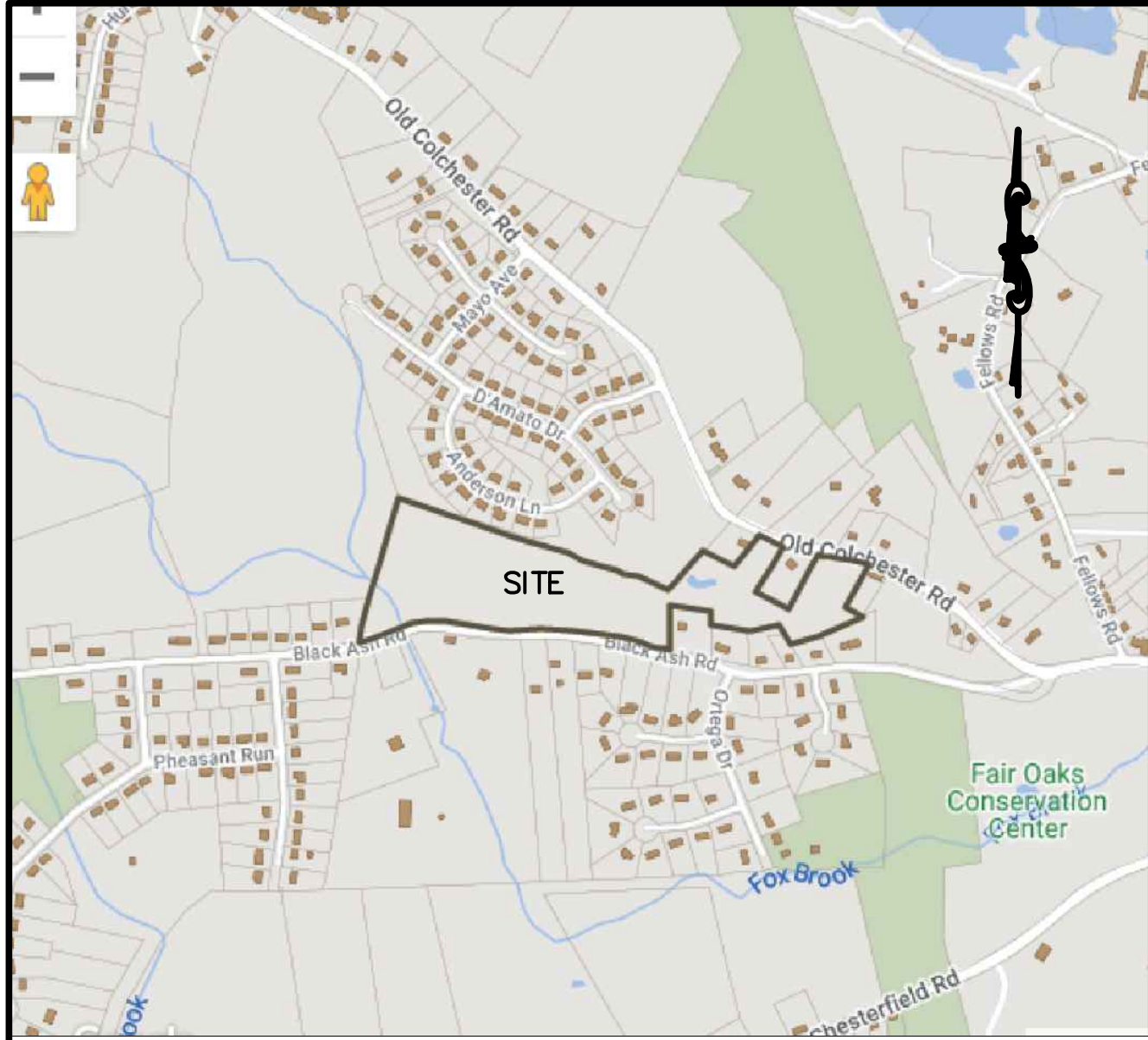




<p><i>BENNETT & SMILAS ASSOCIATES, INC.</i></p> <p><i>415 KILLINGWORTH ROAD, P.O. BOX 241</i></p> <p><i>HIGGANUM, CONNECTICUT 06441</i></p> <p><i>(860) 345-4553 FAX (860) 345-3858</i></p>			<div></div> <p>WENTWORTH CIVIL</p> <p>ENGINEERS <small>LLC</small></p> <p>177 WEST TOWN ST. LEBANON, CT 06249</p> <p>TEL. (860) 642-7255 FAX (860) 642-4794 web: wentworthcivil.com</p>		
		FILE NO.: GU20063	DATE: 8-22-23	SHEET 1 OF 10	MAP NO. 23-024-1C





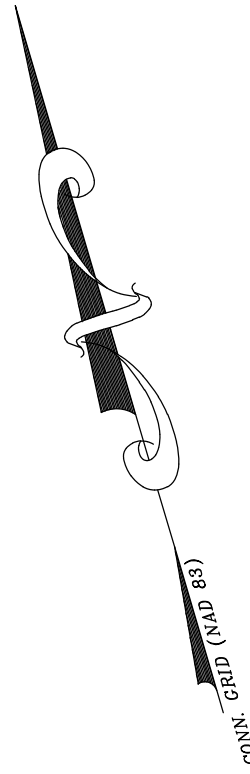


KEY MAP
SCALE : 1"=1000'

LOT AREAS		
LOT NUMBER	AREA (SQUARE FEET)	AREA (ACRES)
1	223,924	5.141
2	195,894	4.497
3	66,678	1.531
4	43,211	0.992
5	97,281	2.233
6	40,159	0.922
7	46,277	1.062
8	237,330	5.448
9	165,293	3.795
10	43,346	0.995
11	69,262	1.590
12	66,989	1.538
13	77,184	1.771
TOTAL AREA	1,372,829	31.516

NRCS SOILS LEGEND

- 3 Ridgebury, Leicester, and Whitman soils — extremely stony
- 46B Woodbridge fine sandy loam, 0 to 8 percent slopes, very stony
- 52C Sutton fine sandy loam, 2 to 15 percent slopes, extremely stony
- 60B Canton and Charlton fine sandy loams, 3 to 8 percent slopes
- 60D Canton and Charlton fine sandy loams, 15 to 25 percent slopes
- 61B Canton and Charlton fine sandy loams, 0 to 8 percent slopes very stony
- 84B Paxton and Montauk fine sandy loams, 3 to 8 percent slopes



LOT AREAS		
LOT NUMBER	AREA (SQUARE FEET)	AREA (ACRES)
1	223,924	5.141
2	195,894	4.497
3	66,678	1.531
4	43,211	0.992
5	97,281	2.233
6	40,159	0.922
7	46,277	1.062



CLEARING LIMITS ON ALL LOTS SHALL BE STAKED OUT BY A LICENSED LAND SURVEYOR PRIOR TO THE START OF WORK FOR INDIVIDUAL LOT DEVELOPMENT.

NOTE: NO FREE DRAINING MATERIAL IS TO BE USED IN BACKFILLING UNDERGROUND UTILITIES WITHIN 25' OF WELLS OR THE UP SLOPE / SIDES OR 50' DOWN SLOPE OF THE PROPOSED SEPTIC SYSTEMS.

NOTE: ROOF & FOUNDATION DRAIN EXIT LINE PIPES ARE TO BE TIGHTPIPE WITHIN 25' OF THE PROPOSED SEPTIC SYSTEMS

NOTE: THE ZONING & SUBDIVISION REGULATIONS OF THE TOWN OF MONTVILLE ARE A PART OF THIS PLAN AND APPROVAL OF THIS PLAN IS CONTINGENT ON THE COMPLIANCE WITH ALL REQUIREMENTS OF THE SAID ZONING AND SUBDIVISION REGULATIONS

WARNING THESE PLANS NOT TO BE USED FOR LOCATION OF UNDERGROUND UTILITIES - CALL BEFORE YOU DIG
1-800-922-4455 TWO WORKING DAYS BEFORE YOU DIG.

PROPOSED GRAVEL DRIVEWAYS HAVE A MAXIMUM GRADE OF 10% AS SHOWN. DRIVEWAYS ARE TO BE CONSTRUCTED IN CONFORMANCE WITH TOWN DRIVEWAY STANDARDS.

ALL COMMON DRIVEWAYS SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH SECTION 130D (COMMON DRIVEWAYS) PER THE 2018 TOWN OF MONTVILLE ROAD STANDARDS AND IMPROVEMENT DETAILS.

PASSIVE SOLAR ENERGY TECHNIQUES AS PRESCRIBED BY LAW HAVE BEEN CONSIDERED IN DEVELOPMENT OF THIS PLAN.

WETLANDS PLACARDS SHALL BE PLACED BY A LICENSED LAND SURVEYOR AT THE 50' URA ON EACH LOT.

NO ACTIVITIES SHALL COMMENCE WITHIN REGULATED UPLANDS / WETLANDS AREAS WITHOUT PRIOR APPROVAL OF THE MONTVILLE INLAND WETLANDS COMMISSION.

ALL IMPROVEMENTS SHOWN HERIN ARE CONCEPTUAL AND DEVELOPMENT OF INDIVIDUAL LOTS REQUIRE INDIVIDUAL SITE PLANS PREPARED BY A LICENSED LAND SURVEYOR AND/OR PROFESSIONAL ENGINEER.

ALL UTILITY CONNECTIONS CROSSING OLD COLCHESTER ROAD WILL BE OVERHEAD.

LOTS 2, 4, 6, 7 & 10 WILL REQUIRE SUMP PUMPS FOR BASEMENTS.

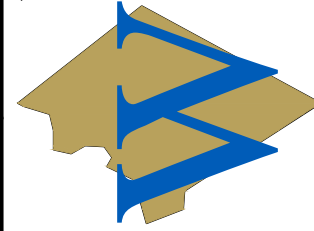
THE FOLLOWING INFORMATION WAS NOT ON FILE WITH THE UNCAS HEALTH DEPARTMENT FOR THE ABUTTING PROPERTIES LISTED BELOW:

-NO WELL LOCATION INFORMATION FOR 950 OLD COLCHESTER ROAD
-NO SEPTIC SYSTEM INFORMATION FOR 974 OLD COLCHESTER ROAD
-NO WELL OR SEPTIC SYSTEM INFORMATION FOR 213 BLACK ASH ROAD

I HEREBY DECLARE TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS PLAN IS SUBSTANTIALLY CORRECT.

WESLEY J. WENTWORTH
P.E. # 20360

WENTWORTH CIVIL
ENGINEERS LLC



9

SITE DEVELOPMENT PLAN &
BLACK ASH ESTATES RESUBDIVISION
PREPARED FOR

PACHAUG CAPITAL, LLC
BLACK ASH ROAD & OLD COLCHESTER ROAD
MONTVILLE, CONNECTICUT

DATE: 8-22-23

SCALE: 1"=40'

SHEET 5 OF 10

MAP NO. 23-024-1T

CLEARING LIMITS ON ALL LOTS SHALL BE STAKED OUT BY A LICENSED LAND SURVEYOR PRIOR TO THE START OF WORK FOR INDIVIDUAL LOT DEVELOPMENT.

NOTE: NO FREE DRAINING MATERIAL IS TO BE USED IN BACKFILLING UNDERGROUND UTILITIES WITHIN 25' OF WELLS OR THE UP SLOPE / SIDES OR 50' DOWN SLOPE OF THE PROPOSED SEPTIC SYSTEMS.

NOTE: ROOF & FOUNDATION DRAIN EXIT LINE PIPES ARE TO BE TIGHTPIPE WITHIN 25' OF THE PROPOSED SEPTIC SYSTEMS

NOTE: THE ZONING & SUBDIVISION REGULATIONS OF THE TOWN OF MONTVILLE ARE A PART OF THIS PLAN AND APPROVAL OF THIS PLAN IS CONTINGENT ON THE COMPLIANCE WITH ALL REQUIREMENTS OF THE SAID ZONING AND SUBDIVISION REGULATIONS

WARNING THESE PLANS NOT TO BE USED FOR LOCATION OF UNDERGROUND UTILITIES - CALL BEFORE YOU DIG 1-800-922-4455 TWO WORKING DAYS BEFORE YOU DIG.

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ALL COMMON DRIVEWAYS SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH SECTION 130D (COMMON DRIVEWAYS) PER THE 2018 TOWN OF MONTVILLE ROAD STANDARDS AND IMPROVEMENT DETAILS.

PASSIVE SOLAR ENERGY TECHNIQUES AS PRESCRIBED BY LAW HAVE BEEN CONSIDERED IN DEVELOPMENT OF THIS PLAN.

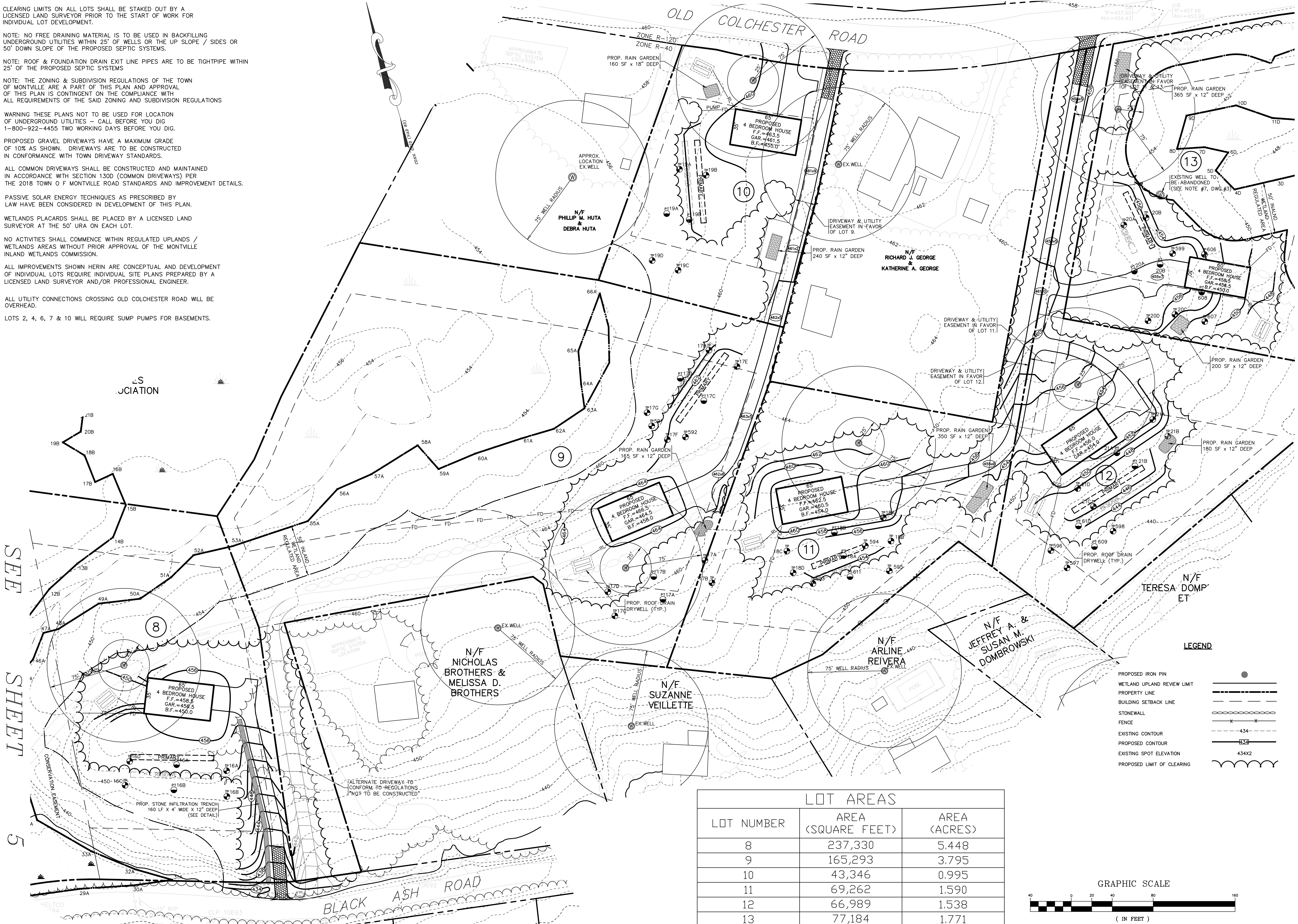
WETLANDS PLACARDS SHALL BE PLACED BY A LICENSED LAND SURVEYOR AT THE 50' URA ON EACH LOT.

NO ACTIVITIES SHALL COMMENCE WITHIN REGULATED UPLANDS / WETLANDS AREAS WITHOUT PRIOR APPROVAL OF THE MONTVILLE INLAND WETLANDS COMMISSION.

ALL IMPROVEMENTS SHOWN HERIN ARE CONCEPTUAL AND DEVELOPMENT OF INDIVIDUAL LOTS REQUIRE INDIVIDUAL SITE PLANS PREPARED BY A LICENSED LAND SURVEYOR AND/OR PROFESSIONAL ENGINEER.

ALL UTILITY CONNECTIONS CROSSING OLD COLCHESTER ROAD WILL BE OVERHEAD.

LOTS 2, 4, 6, 7 & 10 WILL REQUIRE SUMP PUMPS FOR BASEMENTS.



SEE SHEET 5

LOT AREAS		
LOT NUMBER	AREA (SQUARE FEET)	AREA (ACRES)
8	237,330	5.448
9	165,293	3.795
10	43,346	0.995
11	69,262	1.590
12	66,989	1.538
13	77,184	1.771

LEGEND

PROPOSED IRON PIN

WETLAND UPLAND REVIEW LIMIT

PROPERTY LINE

BUILDING SETBACK LINE

STONEWALL

FENCE

EXISTING CONTOUR

PROPOSED CONTOUR

EXISTING SPOT ELEVATION

PROPOSED LIMIT OF CLEARING

GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.

WENTWORTH CIVIL ENGINEERS LLC

177 WEST TOWN ST.
LEBANON, CT 06249
TEL (860) 642-7255
FAX (860) 642-4794
web: wentworthcivil.com

SITE DEVELOPMENT PLAN & PREPARED FOR

BLACK ASH ESTATES RESUBDIVISION

PACHAUG CAPITAL, LLC

BLACK ASH ROAD & OLD COLCHESTER ROAD

MONTVILLE, CONNECTICUT

DATE: 8-22-23

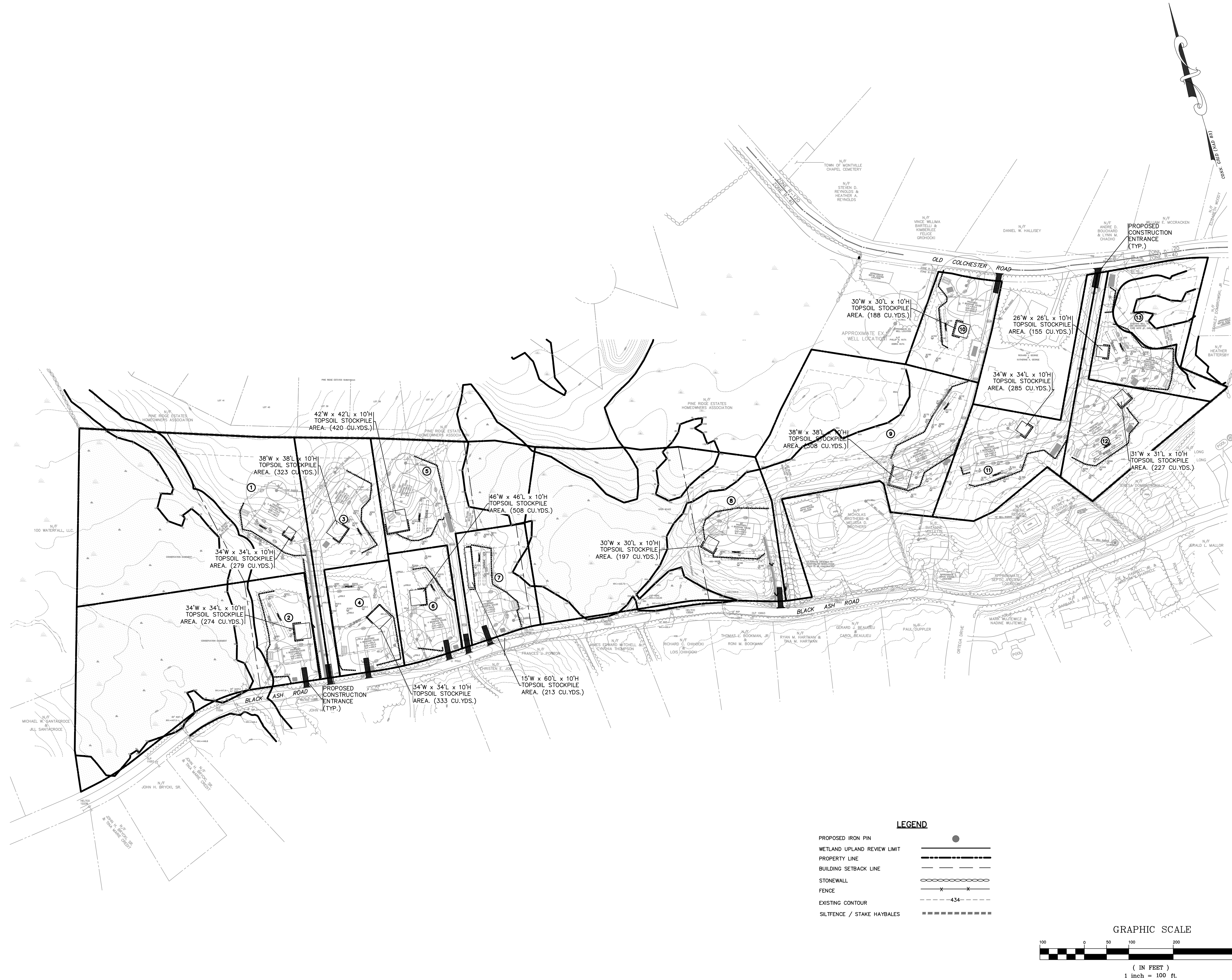
SCALE: 1"=40'

SHEET 6 OF 10

MAP NO. 23-024-1T

I HEREBY DECLARE TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS PLAN IS SUBSTANTIALLY CORRECT.

WESLEY J. WENTWORTH
P.E. # 20360



EROSION & SEDIMENTATION CONTROL PLAN
BLACK ASH ESTATES RESUBDIVISION
PREPARED FOR
PACHAUG CAPITAL, LLC
BLACK ASH ROAD & OLD COLCHESTER ROAD
MONTVILLE, CONNECTICUT

DATE: 8-22-23
SCALE: 1"=100'
SHEET 7 OF 10
MAP NO. 23-024-1ES

WENTWORTH CIVIL ENGINEERS LLC
177 WEST TOWN ST.
LEBANON, CT 06249
TEL. (860) 642-7255
FAX. (860) 642-4794
web: wentworthcivil.com

I HEREBY DECLARE TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS PLAN IS SUBSTANTIALLY CORRECT.

WESLEY J. WENTWORTH
P.E. # 20360

TEST HOLE DATA AS PERFORMED BY THE UNCAS HEALTH DEPARTMENT ON 3/15/05
AND WITNESSED BY BENNETT & SMILAS ENGINEERING, INC.

TP 16A
0-8" TOPSOIL
8-32" BROWN SANDY LOAM
32-105" GREY MED COMPACT SANDY TILL W/POCKETS OF GRAVEL
NO MOTTLING
WATER @ 103"
NO LEDGE

TP 16B
0-5" TOPSOIL
5-16" BROWN SANDY LOAM
16-88" GREY MED COMPACT SANDY TILL W/POCKETS OF GRAVEL
NO MOTTLING
NO WATER
NO LEDGE

TP 16C
0-3" TOPSOIL
3-20" BROWN SANDY LOAM
20-94" GREY MED COMPACT SANDY TILL W/POCKETS OF GRAVEL
NO MOTTLING
NO WATER
NO LEDGE

TP 16D
0-4" TOPSOIL
4-14" BROWN SANDY LOAM
14-83" GREY MED COMPACT SANDY TILL W/POCKETS OF GRAVEL
NO MOTTLING
NO WATER
NO LEDGE

TP 17A
LEDGE 9"-35"

TP 17B
0-3" TOPSOIL
3-18" BROWN SANDY LOAM
18-42" GREY MED COMPACT SANDY TILL
NO MOTTLING
NO WATER
LEDGE @ 42"

TP 17C
LEDGE @ 34"

TP 17D
LEDGE 22-39"

TP 17E
0-10" TOPSOIL
10-24" BROWN SANDY LOAM
24-88" GREY MED COMPACT SAND
NO MOTTLING
WATER @ 57"
NO LEDGE

TP 17F
0-8" TOPSOIL
8-21" BROWN SANDY LOAM
21-54" GREY MED COMPACT SANDY TILL
NO MOTTLING
WATER @ 54"
NO LEDGE

TP 17G
0-8" TOPSOIL
8-25" BROWN SANDY LOAM
25-36" GREY SILT
36-78" GREY MED SAND
MOTTLING @ 25", 36"
WATER @ 47"
NO LEDGE

TP 17H
0-16" TOPSOIL
16-22" BROWN SANDY LOAM
22-86" GREY MED COMPACT SAND
NO MOTTLING
WATER @ 58"
NO LEDGE

TP 18A
0-3" TOPSOIL
3-22" BROWN SANDY LOAM
22-93" GREY MED COMPACT SANDY TILL
NO MOTTLING
NO WATER
NO LEDGE

TP 18B
0-8" TOPSOIL
8-22" BROWN SANDY LOAM
22-74" GREY MED COMPACT SANDY TILL
NO MOTTLING
LEDGE @ 74"

TP 18C
0-3" TOPSOIL
3-14" BROWN SANDY LOAM
14-102" GREY MED COMPACT SANDY TILL
NO MOTTLING
NO WATER
NO LEDGE

TP 18D
0-3" TOPSOIL
3-31" BROWN SANDY LOAM
31-100" GREY MED COMPACT SANDY TILL W/POCKETS OF GRAVEL
NO MOTTLING
NO WATER
NO LEDGE

TP 19A
0-10" TOPSOIL
10-25" BROWN SANDY LOAM
25-78" GREY MED COMPACT SANDY TILL
MOTTLING @ 25"
WATER @ 36"
NO LEDGE

TP 19B
0-10" TOPSOIL
10-25" BROWN SANDY LOAM
25-79" GREY MED COMPACT SANDY TILL
MOTTLING @ 25"
WATER @ 43"
NO LEDGE

TP 19C
0-8" TOPSOIL
8-33" BROWN SANDY LOAM
33-39" GREY SILT
39-78" SAND AND GRAVEL
MOTTLING @ 33", 39"
WATER @ 44"
NO LEDGE

TP 19D
0-9" TOPSOIL
9-26" BROWN SANDY LOAM
26-38" GREY SILT
38-79" SAND AND GRAVEL
MOTTLING @ 26", 38"
WATER @ 38"
NO LEDGE

TP 20A
0-11" TOPSOIL
11-33" BROWN SANDY LOAM
33-92" GREY MED COMPACT SANDY TILL
MOTTLING @ 33"
WATER @ 42"
NO LEDGE

TP 20B
0-10" TOPSOIL
10-32" BROWN SANDY LOAM
32-94" GREY MED COMPACT SANDY TILL
MOTTLING @ 32"
WATER @ 42"
NO LEDGE

TP 20C
0-5" TOPSOIL
5-24" BROWN SANDY LOAM
24-75" GREY MED COMPACT SANDY TILL
NO MOTTLING
WATER @ 42"
LEDGE @ 26"-75"

TP 20D
0-4" TOPSOIL
4-30" BROWN SANDY LOAM
30-66" GREY MED COMPACT SANDY TILL
NO MOTTLING
WATER @ 66"
LEDGE @ 66"

TP 21A
0-10" TOPSOIL
10-49" BROWN SANDY LOAM
49-59" GREY MED COMPACT SANDY TILL
NO MOTTLING
NO WATER
LEDGE @ 35"-59"

TP 21B
0-4" TOPSOIL
4-20" BROWN SANDY LOAM
20-87" GREY MED COMPACT SANDY TILL
NO MOTTLING
NO WATER
LEDGE @ 42"

TP 21C
0-8" TOPSOIL
8-32" BROWN SANDY LOAM
32-92" GREY MED COMPACT SANDY TILL
NO MOTTLING
NO WATER
NO LEDGE

TP 21D
0-4" TOPSOIL
4-35" BROWN SANDY LOAM
35-45" GREY SILT
45-87" GREY MED COMPACT SANDY TILL
MOTTLING @ 35", 45"
NO WATER
NO LEDGE

TP 21E
0-8" TOPSOIL
8-25" BROWN SANDY LOAM
25-36" GREY SILT
36-78" GREY MED SAND
MOTTLING @ 25", 36"
WATER @ 47"
NO LEDGE

TP 21F
0-8" TOPSOIL
8-25" BROWN SANDY LOAM
25-36" GREY SILT
36-78" GREY MED SAND
MOTTLING @ 25", 36"
WATER @ 47"
NO LEDGE

TP 21G
0-8" TOPSOIL
8-25" BROWN SANDY LOAM
25-36" GREY SILT
36-78" GREY MED SAND
MOTTLING @ 25", 36"
WATER @ 47"
NO LEDGE

TP 21H
0-8" TOPSOIL
8-25" BROWN SANDY LOAM
25-36" GREY SILT
36-78" GREY MED SAND
MOTTLING @ 25", 36"
WATER @ 47"
NO LEDGE

TP 21I
0-8" TOPSOIL
8-25" BROWN SANDY LOAM
25-36" GREY SILT
36-78" GREY MED SAND
MOTTLING @ 25", 36"
WATER @ 47"
NO LEDGE

TP 21J
0-8" TOPSOIL
8-25" BROWN SANDY LOAM
25-36" GREY SILT
36-78" GREY MED SAND
MOTTLING @ 25", 36"
WATER @ 47"
NO LEDGE

TP 21K
0-8" TOPSOIL
8-25" BROWN SANDY LOAM
25-36" GREY SILT
36-78" GREY MED SAND
MOTTLING @ 25", 36"
WATER @ 47"
NO LEDGE

TP 21L
0-8" TOPSOIL
8-25" BROWN SANDY LOAM
25-36" GREY SILT
36-78" GREY MED SAND
MOTTLING @ 25", 36"
WATER @ 47"
NO LEDGE

TP 21M
0-8" TOPSOIL
8-25" BROWN SANDY LOAM
25-36" GREY SILT
36-78" GREY MED SAND
MOTTLING @ 25", 36"
WATER @ 47"
NO LEDGE

TP 21N
0-8" TOPSOIL
8-25" BROWN SANDY LOAM
25-36" GREY SILT
36-78" GREY MED SAND
MOTTLING @ 25", 36"
WATER @ 47"
NO LEDGE

TP 21O
0-8" TOPSOIL
8-25" BROWN SANDY LOAM
25-36" GREY SILT
36-78" GREY MED SAND
MOTTLING @ 25", 36"
WATER @ 47"
NO LEDGE

TP 21P
0-8" TOPSOIL
8-25" BROWN SANDY LOAM
25-36" GREY SILT
36-78" GREY MED SAND
MOTTLING @ 25", 36"
WATER @ 47"
NO LEDGE

TP 21Q
0-8" TOPSOIL
8-25" BROWN SANDY LOAM
25-36" GREY SILT
36-78" GREY MED SAND
MOTTLING @ 25", 36"
WATER @ 47"
NO LEDGE

TP 21R
0-8" TOPSOIL
8-25" BROWN SANDY LOAM
25-36" GREY SILT
36-78" GREY MED SAND
MOTTLING @ 25", 36"
WATER @ 47"
NO LEDGE

PT 17D
12:35 5"
12:12 8 1/4"
12:47 10"
12:52 11 1/2"
12:59 13"
1:04 14"
1:09 15" DRY
PERC RATE: 1" /10.0 MIN.

PT 18A
12:45 1 1/2"
12:50 2 3/4"
12:56 4"
1:03 6"
1:08 6 1/4"
1:18 7"
1:28 8"
1:38 8 3/4"
DEPTH: 16"
PERC RATE: 1" /20.0 MIN.

PT 18B
12:59 3"
12:44 4 1/8"
12:49 5 1/2"
12:55 6"
1:02 7"
1:07 7 1/4"
1:17 7 3/4"
1:27 8 3/8"
1:37 9"
DEPTH: 16"
PERC RATE: 1" /20.0 MIN.

PT 19A
1:24 1 1/2"
1:34 2"
1:44 2 1/2"
1:54 3 5/8"
2:04 4 3/8"
2:14 5 1/8"
2:24 5 3/4"
DEPTH: 14"
PERC RATE: 1" /16.0 MIN.

PT 19B
1:23 1 1/2"
1:33 3 1/8"
1:43 4 1/8"
1:53 4 5/8"
2:03 5 3/8"
2:13 6 1/8"
2:23 6 3/4"
DEPTH: 14"
PERC RATE: 1" /20.0 MIN.

PT 20A
10:53 4 3/4"
10:58 7 1/4"
11:03 10 7/8"
11:08 10"
11:13 10 7/8"
11:18 11 3/8"
11:23 12 1/8"
11:28 12 3/4"
11:33 13 1/4"
11:38 13 5/8"
11:43 14 1/8"
DEPTH: 17"
PERC RATE: 1" /10.0 MIN.

PT 20B
10:55 1 3/4"
11:00 4"
11:05 5"
11:10 6"
11:15 7"
11:20 7 3/4"
11:25 8 3/8"
11:30 9"
11:35 9 5/8"
11:40 10 1/8"
11:45 10 5/8"
11:50 11"
DEPTH: 17"
PERC RATE: 1" /10.0 MIN.

PT 21A
10:05 4"
10:10 7"
10:15 8 7/8"
10:20 10 1/8"
10:25 11 1/2"
10:30 12 3/4"
10:35 13 5/8"
10:40 14 1/2"
10:45 15"
10:50 15 1/2"
DEPTH: 17"
PERC RATE: 1" /10.0 MIN.

PT 21B
10:02 3 1/4"
10:07 5 3/8"
10:12 6"
10:17 6 7/8"
10:22 8"
10:27 8 7/8"
10:32 9 5/8"
10:37 10 1/2"
10:42 10 7/8"
10:47 11 5/8"
10:52 12"
10:57 12 1/4"
11:02 13"
11:07 13 1/2"
11:12 14"
11:17 14 1/2"
11:22 15"
11:27 15 1/2"
DEPTH: 18"
PERC RATE: 1" /8.0 MIN.

PT 17A
1:50 5"
2:00 8 1/8"
2:05 9 5/8"
2:10 10 1/2"
2:15 11 7/8"
2:20 12"
2:25 12 5/8"
2:30 13 1/4"
2:35 14"
2:40 14 1/2"
2:45 15"
2:50 15 1/2"
DEPTH: 18"
PERC RATE: 1" /10.0 MIN.

PT 17B
1:50 6 1/4"
1:55 7"
2:00 8 1/2"
2:05 9"
2:10 9 7/8"
2:15 10 1/2"
2:20 11"
2:25 11 1/2"
2:30 12"
2:35 12 1/4"
2:40 12 3/4"
2:45 13 1/8"
2:50 13 3/8"
DEPTH: 19"
PERC RATE: 1" /20.0 MIN.

PT 17C
12:37 4 1/4"
12:42 6 1/4"
12:48 7 1/8"
12:53 8"
1:00 8 3/4"
1:05 9 1/4"
1:10 9 5/8"
1:15 10"
1:20 10 3/8"
DEPTH: 18"
PERC RATE: 1" /13.3 MIN.

PT 17D
12:37 4 1/4"
12:42 6 1/4"
12:48 7 1/8"
12:53 8"
1:00 8 3/4"
1:05 9 1/4"
1:10 9 5/8"
1:15 10"
1:20 10 3/8"
DEPTH: 18"
PERC RATE: 1" /13.3 MIN.

PT 17E
12:37 4 1/4"
12:42 6 1/4"
12:48 7 1/8"
12:53 8"
1:00 8 3/4"
1:05 9 1/4"
1:10 9 5/8"
1:15 10"
1:20 10 3/8"
DEPTH: 18"
PERC RATE: 1" /13.3 MIN.

PT 17F
12:37 4 1/4"
12:42 6 1/4"
12:48 7 1/8"
12:53 8"
1:00 8 3/4"
1:05 9 1/4"
1:10 9 5/8"
1:15 10"
1:20 10 3/8"
DEPTH: 18"
PERC RATE: 1" /13.3 MIN.

TEST HOLE DATA AS PERFORMED BY THE UNCAS HEALTH DEPARTMENT ON 5/21/08
AND WITNESSED BY BENNETT & SMILAS ENGINEERING, INC.

TP 548
0-38" TOPSOIL
3-28" BROWN SANDY LOAM
26-88" GREY SANDY TILL
71-83" WATER
MOTTLING @ 26"
WATER @ 82"
NO LEDGE

TP 549
0-3" TOPSOIL
3-30" BROWN SANDY LOAM
30-87" GREY SANDY TILL
W/LENSES OF GRAVEL
MOTTLING @ 30"
WATER @ 70"
NO LEDGE

TP 550
0-2" TOPSOIL
2-20" BROWN SANDY LOAM
20-36" SANDY AND GRAVEL
36-84" GREY COMPACT SAND
MOTTLING @ 36"
WATER @ 55"
NO LEDGE

TP 551
0-2" TOPSOIL
2-27" BROWN SANDY LOAM
27-80" GREY SANDY TILL
W/LENSES OF GRAVEL
MOTTLING @ 27"
WATER @ 41"
NO LEDGE

TP 552
0-10" TOPSOIL
10-29" BROWN FINE SANDY LOAM
29-71" GREY TILL
71-83" WATER
MOTTLING @ 25"
WATER @ 34"
NO LEDGE

TP 553
0-5" TOPSOIL
5-22" BROWN SANDY LOAM
22-84" GREY MOTTLED DENSE TILL
84-86" WATER
MOTTLING @ 21"
WATER @ 36"
NO LEDGE

PT 551
9:04 12 3/4"
9:14 17 1/2"
9:24 13 1/2"
9:34 17 3/8"
9:44 22"
9:54 23"
10:01 24 1 1/2" DRY
DEPTH: 20"
PERC RATE: 1" /10.0 MIN.

PT 554
7:58 11 3/4"
8:08 14 1/4"
8:18 16 3/8"
8:28 18 1/2"
8:38 19 1/2"
8:48 21 1/2"
8:58 23" DRY
DEPTH: 18"
PERC RATE: 1" /8.9 MIN.

PT 555
7:59 8 5/8"
8:09 13 7/8"
8:19 16 7/8"
8:29 19"
8:39 20" DRY
DEPTH: 19"
PERC RATE: 1" /10.0 MIN.

PT 556
7:56 8"
8:06 11"
8:16 13"
8:26 14 3/8"
8:36 15 1/2"
8:46 17"
8:56 19" DRY
DEPTH: 18"
PERC RATE: 1" /8.9 MIN.

PT 557
7:55 9 1/8"
8:05 14 1/2"
8:15 17 3/8"
8:25 19 3/8"
8:35 21" DRY
DEPTH: 19"
PERC RATE: 1" /6.2 MIN.

PT 558
7:58 11 3/4"
8:08 14 1/4"
8:18 16 3/8"
8:28 18 1/2"
8:38 19 1/2"
8:48 21 1/2"
8:58 23" DRY
DEPTH: 18"
PERC RATE: 1" /10.0 MIN.

PT 559
7:58 11 3/4"
8:08 14 1/4"
8:18 16 3/8"
8:28 18 1/2"
8:38 19 1/2"
8:48 21 1/2"
8:58 23" DRY
DEPTH: 18"
PERC RATE: 1" /10.0 MIN.

PT 560
7:58 11 3/4"
8:08 14 1/4"
8:18 16 3/8"
8:28 18 1/2"
8:38 19 1/2"
8:48 21 1/2"
8:58 23" DRY
DEPTH: 18"
PERC RATE: 1" /10.0 MIN.

PT 561
7:58 11 3/4"
8:08 14 1/4"
8:18 16 3/8"
8:28 18 1/2"
8:38 19 1/2"
8:48 21 1/2"
8:58 23" DRY
DEPTH: 18"
PERC RATE: 1" /10.0 MIN.

PT 562
7:58 11 3/4"
8:08 14 1/4"
8:18 16 3/8"
8:28 18 1/2"
8:38 19 1/2"
8:48 21 1/2"
8:58 23" DRY
DEPTH: 18"
PERC RATE: 1" /10.0 MIN.

PT 563
7:58 11 3/4"
8:08 14 1/4"
8:18 16 3/8"
8:28 18 1/2"
8:38 19 1/2"
8:48 21 1/2"
8:58 23" DRY
DEPTH: 18"
PERC RATE: 1" /10.0 MIN.

PT 564
7:58 11 3/4"
8:08 14 1/4"
8:18 16 3/8"
8:28 18 1/2"
8:38 19 1/2"
8:48 21 1/2"
8:58 23" DRY
DEPTH: 18"
PERC RATE: 1" /10.0 MIN.

TP 554
0-9" TOPSOIL
9-27" BROWN SANDY LOAM
27-79" GREY MOTTLED TILL
79-88" WATER
MOTTLING @ 23"
WATER @ 74"
NO LEDGE

TP 555
0-8" TOPSOIL
8-27" BROWN SANDY LOAM
27-88" GREY DENSE MOTTLED TILL
88-94" WATER
MOTTLING @ 24"
WATER @ 65"
NO LEDGE

TP 556
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-88" GREY DENSE TILL
88-94" WATER
MOTTLING @ 29"
WATER @ 84"
NO LEDGE

TP 557
0-9" TOPSOIL
9-28" BROWN SANDY LOAM
28-83" GREY DENSE TILL
83-97" WATER
MOTTLING @ 23"
WATER @ 77"
NO LEDGE

TP 558
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-80" SAND AND GRAVEL
80-81" WATER
MOTTLING @ 36"
WATER @ 77"
NO LEDGE

TP 559
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-80" SAND AND GRAVEL
80-81" WATER
MOTTLING @ 36"
WATER @ 77"
NO LEDGE

TP 560
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-80" SAND AND GRAVEL
80-81" WATER
MOTTLING @ 36"
WATER @ 77"
NO LEDGE

TP 561
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-80" SAND AND GRAVEL
80-81" WATER
MOTTLING @ 36"
WATER @ 77"
NO LEDGE

TP 562
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-80" SAND AND GRAVEL
80-81" WATER
MOTTLING @ 36"
WATER @ 77"
NO LEDGE

TP 563
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-80" SAND AND GRAVEL
80-81" WATER
MOTTLING @ 36"
WATER @ 77"
NO LEDGE

TP 564
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-80" SAND AND GRAVEL
80-81" WATER
MOTTLING @ 36"
WATER @ 77"
NO LEDGE

TP 565
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-80" SAND AND GRAVEL
80-81" WATER
MOTTLING @ 36"
WATER @ 77"
NO LEDGE

TP 566
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-80" SAND AND GRAVEL
80-81" WATER
MOTTLING @ 36"
WATER @ 77"
NO LEDGE

TP 567
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-80" SAND AND GRAVEL
80-81" WATER
MOTTLING @ 36"
WATER @ 77"
NO LEDGE

TP 568
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-80" SAND AND GRAVEL
80-81" WATER
MOTTLING @ 36"
WATER @ 77"
NO LEDGE

TP 569
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-80" SAND AND GRAVEL
80-81" WATER
MOTTLING @ 36"
WATER @ 77"
NO LEDGE

TP 570
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-80" SAND AND GRAVEL
80-81" WATER
MOTTLING @ 36"
WATER @ 77"
NO LEDGE

TP 571
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-80" SAND AND GRAVEL
80-81" WATER
MOTTLING @ 36"
WATER @ 77"
NO LEDGE

TP 559
0-9" TOPSOIL
9-27" BROWN SANDY LOAM
27-79" GREY MOTTLED TILL
79-88" WATER
MOTTLING @ 23"
WATER @ 74"
NO LEDGE

TP 560
0-8" TOPSOIL
8-27" BROWN SANDY LOAM
27-88" GREY DENSE MOTTLED TILL
88-94" WATER
MOTTLING @ 24"
WATER @ 65"
NO LEDGE

TP 561
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-88" GREY DENSE TILL
88-94" WATER
MOTTLING @ 29"
WATER @ 84"
NO LEDGE

TP 562
0-9" TOPSOIL
9-28" BROWN SANDY LOAM
28-83" GREY DENSE TILL
83-97" WATER
MOTTLING @ 23"
WATER @ 77"
NO LEDGE

TP 563
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-80" SAND AND GRAVEL
80-81" WATER
MOTTLING @ 36"
WATER @ 77"
NO LEDGE

TP 564
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-80" SAND AND GRAVEL
80-81" WATER
MOTTLING @ 36"
WATER @ 77"
NO LEDGE

TP 565
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-80" SAND AND GRAVEL
80-81" WATER
MOTTLING @ 36"
WATER @ 77"
NO LEDGE

TP 566
0-7" TOPSOIL
7-36" BROWN SANDY LOAM
36-80

VOLUME OF MATERIAL TO BE IMPORTED TO LOTS

<p>LOT 1 DRIVEWAY MATERIAL = 100 C.Y. SEPTIC SYSTEM MATERIAL = 30 C.Y. TOTAL IMPORTED MATERIAL = 130 C.Y.</p> <p>LOT 2 DRIVEWAY MATERIAL = 30 C.Y. SEPTIC SYSTEM MATERIAL = 60 C.Y. TOTAL IMPORTED MATERIAL = 90 C.Y.</p> <p>LOT 3 DRIVEWAY MATERIAL = 105 C.Y. SEPTIC SYSTEM MATERIAL = 60 C.Y. TOTAL IMPORTED MATERIAL = 165 C.Y.</p> <p>LOT 4 DRIVEWAY MATERIAL = 30 C.Y. SEPTIC SYSTEM MATERIAL = 30 C.Y. TOTAL IMPORTED MATERIAL = 60 C.Y.</p> <p>LOT 5 DRIVEWAY MATERIAL = 165 C.Y. SEPTIC SYSTEM MATERIAL = 75 C.Y. TOTAL IMPORTED MATERIAL = 240 C.Y.</p> <p>LOT 6 DRIVEWAY MATERIAL = 40 C.Y. SEPTIC SYSTEM MATERIAL = 50 C.Y. TOTAL IMPORTED MATERIAL = 90 C.Y.</p> <p>LOT 7 DRIVEWAY MATERIAL = 40 C.Y. SEPTIC SYSTEM MATERIAL = 60 C.Y. TOTAL IMPORTED MATERIAL = 100 C.Y.</p>	<p>LOT 8 DRIVEWAY MATERIAL = 70 C.Y. SEPTIC SYSTEM MATERIAL = NONE TOTAL IMPORTED MATERIAL = 70 C.Y.</p> <p>LOT 9 DRIVEWAY MATERIAL = 145 C.Y. SEPTIC SYSTEM MATERIAL = 65 C.Y. TOTAL IMPORTED MATERIAL = 210 C.Y.</p> <p>LOT 10 DRIVEWAY MATERIAL = 30 C.Y. SEPTIC SYSTEM MATERIAL = 30 C.Y. TOTAL IMPORTED MATERIAL = 60 C.Y.</p> <p>LOT 11 DRIVEWAY MATERIAL = 125 C.Y. SEPTIC SYSTEM MATERIAL = 30 C.Y. TOTAL IMPORTED MATERIAL = 155 C.Y.</p> <p>LOT 12 DRIVEWAY MATERIAL = 220 C.Y. SEPTIC SYSTEM MATERIAL = 30 C.Y. TOTAL IMPORTED MATERIAL = 250 C.Y.</p> <p>LOT 13 DRIVEWAY MATERIAL = 55 C.Y. SEPTIC SYSTEM MATERIAL = 30 C.Y. TOTAL IMPORTED MATERIAL = 85 C.Y.</p>
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THE SUBDIVISION PLANS SHOW GENERIC DESIGN CONCEPTS FOR EACH LOT TO DEMONSTRATE CONFORMANCE WITH THE TOWN OF MONTVILLE INLAND WETLANDS AND WATERCOURSES REGULATIONS, ZONING REGULATIONS AND SUBDIVISION REGULATIONS. THE INFORMATION SHOWN IN THE ABOVE REFLECTS THE GENERIC DESIGN CONCEPT AND MAY DIFFER IN SIZE AND SCOPE FROM THE ACTUAL DEVELOPMENT.

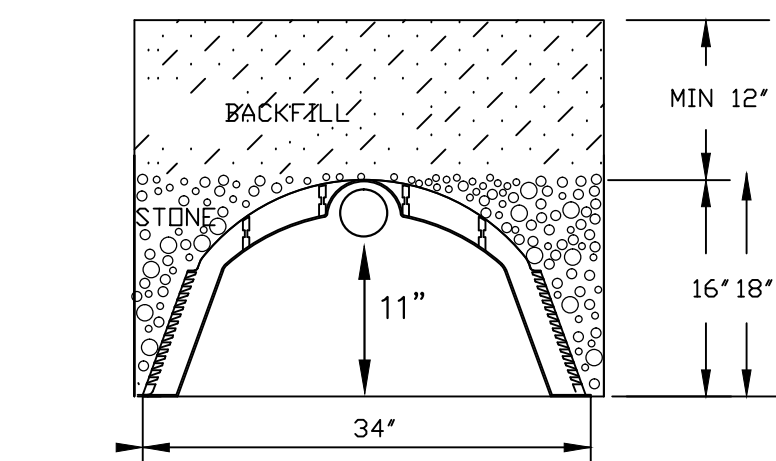
TOPSOIL STOCKPILE AREA CALCULATIONS

<p>LOT 1 DISTURBED AREA = 21,500 SF VOLUME OF TOPSOIL = 279 CY STOCKPILE DIMENSIONS = 34'W x 34'L x 10'H</p> <p>LOT 2 DISTURBED AREA = 21,126 SF VOLUME OF TOPSOIL = 274 CY STOCKPILE DIMENSIONS = 34'W x 34'L x 10'H</p> <p>LOT 3 DISTURBED AREA = 24,917 SF VOLUME OF TOPSOIL = 323 CY STOCKPILE DIMENSIONS = 38'W x 38'L x 10'H</p> <p>LOT 4 DISTURBED AREA = 25,667 SF VOLUME OF TOPSOIL = 333 CY STOCKPILE DIMENSIONS = 34'W x 34'L x 10'H</p> <p>LOT 5 DISTURBED AREA = 32,447 SF VOLUME OF TOPSOIL = 420 CY STOCKPILE DIMENSIONS = 42'W x 42'L x 10'H</p> <p>LOT 6 DISTURBED AREA = 16,445 SF VOLUME OF TOPSOIL = 508 CY STOCKPILE DIMENSIONS = 46'W x 46'L x 10'H</p> <p>LOT 7 DISTURBED AREA = 20,098 SF VOLUME OF TOPSOIL = 213 CY STOCKPILE DIMENSIONS = 60'W x 15'L x 10'H</p> <p>LOT 8 DISTURBED AREA = 22,947 SF VOLUME OF TOPSOIL = 197 CY STOCKPILE DIMENSIONS = 30'W x 30'L x 10'H</p>	<p>LOT 9 DISTURBED AREA = 23,781 SF VOLUME OF TOPSOIL = 308 CY STOCKPILE DIMENSIONS = 36'W x 36'L x 10'H</p> <p>LOT 10 DISTURBED AREA = 14,483 SF VOLUME OF TOPSOIL = 188 CY STOCKPILE DIMENSIONS = 30'W x 30'L x 10'H</p> <p>LOT 11 DISTURBED AREA = 22,025 SF VOLUME OF TOPSOIL = 285 CY STOCKPILE DIMENSIONS = 34'W x 34'L x 10'H</p> <p>LOT 12 DISTURBED AREA = 17,501 SF VOLUME OF TOPSOIL = 227 CY STOCKPILE DIMENSIONS = 31'W x 31'L x 10'H</p> <p>LOT 13 DISTURBED AREA = 11,986 SF VOLUME OF TOPSOIL = 155 CY STOCKPILE DIMENSIONS = 26'W x 26'L x 10'H</p>
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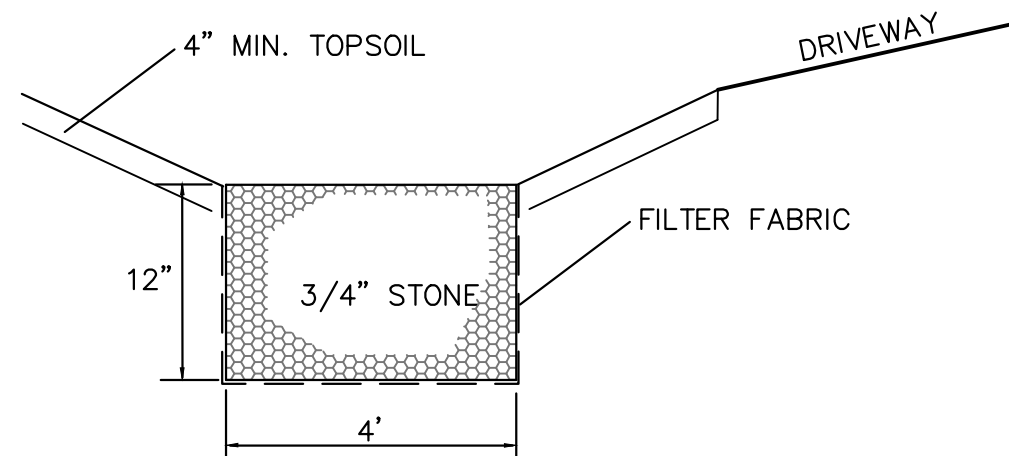
THE SUBDIVISION PLANS SHOW GENERIC DESIGN CONCEPTS FOR EACH LOT TO DEMONSTRATE CONFORMANCE WITH THE TOWN OF MONTVILLE INLAND WETLANDS AND WATERCOURSES REGULATIONS, ZONING REGULATIONS AND SUBDIVISION REGULATIONS. THE INFORMATION SHOWN IN THE ABOVE REFLECTS THE GENERIC DESIGN CONCEPT AND MAY DIFFER IN SIZE AND SCOPE FROM THE ACTUAL DEVELOPMENT.

ROOF DRAIN TREATMENT CALCULATIONS FOR TYPICAL LOT

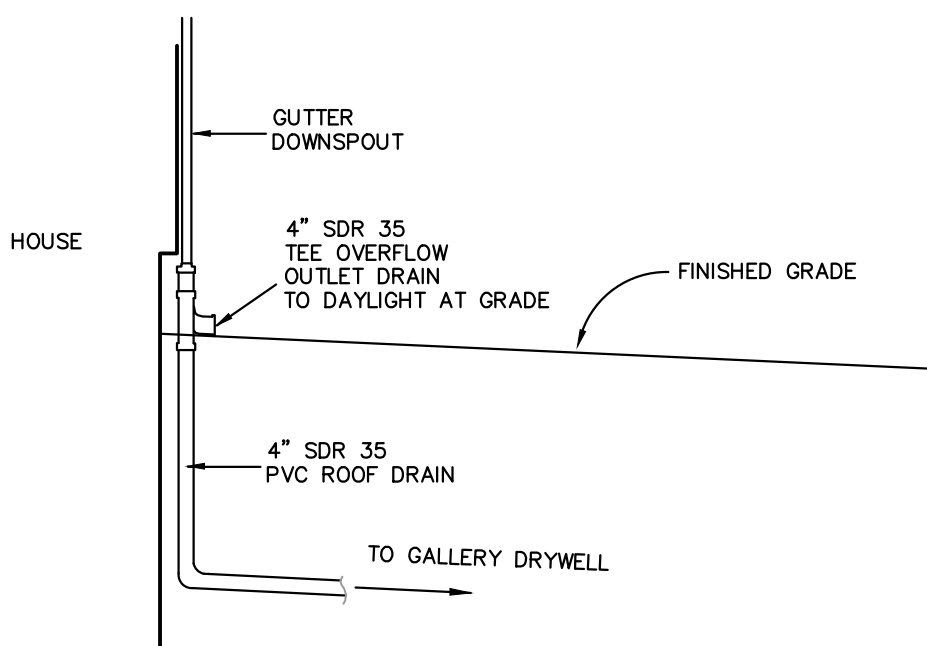
- RAIN VOLUME
ROOF AREA = 2,275 SF
PROVIDE STORAGE FOR 1" OF RAINFALL
 $2,275 \text{ SF} \times 1" \times (1"/12") = 190 \text{ CF}$
- DRYWELL SIZING
USE 16" HIGH CAPACITY QUICK 4 INFILTRATORS
BACKFILLED WITH STONE
HIGH CAPACITY QUICK 4 INFILTRATORS + STONE
= 3.83 CF STORAGE PER LINEAR FOOT
190 CF \div 3.83 CF/LF = 48 LF OF INFIL. W/ STONE (REQUIRED)
PROVIDE 8 INFILTRATOR UNITS W/ STONE (6 LF/CHAMBER) PER LOT.



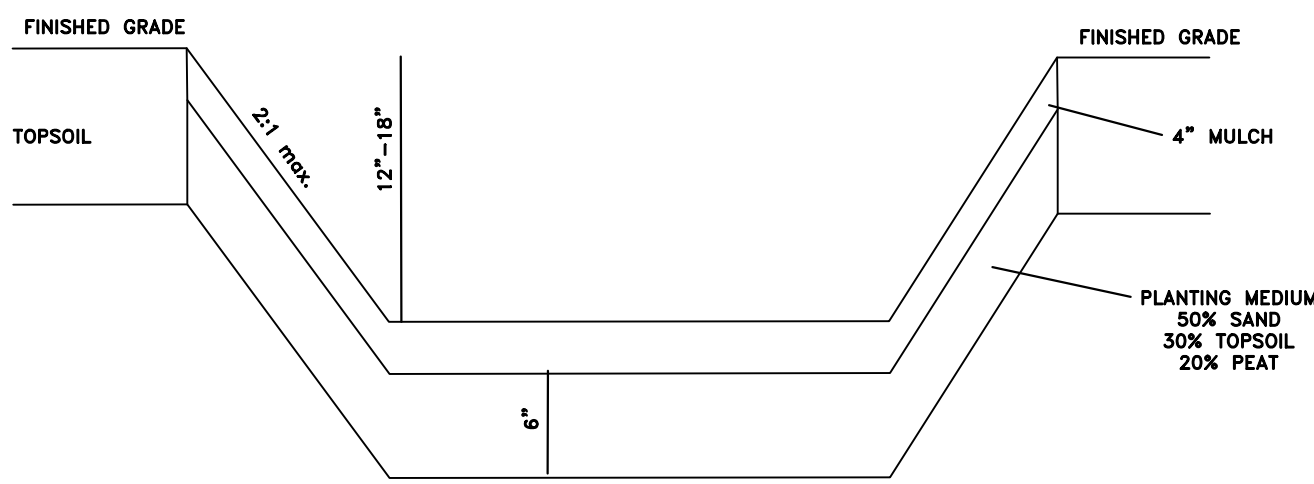
HI-CAPACITY INFILTRATOR CHAMBERS W/ STONE =3.83 FT³/LF
INSTALL PER MANUFACTURERS INSTRUCTIONS
ROOF DRAIN DETAIL
HI-CAPACITY QUICK 4 CHAMBERS WITH STONE
NOT TO SCALE



INFILTRATION TRENCH DETAIL
NOT TO SCALE



ROOF DRAIN
DOWNSPOUT DETAIL
NOT TO SCALE



RAIN GARDEN SECTION
NOT TO SCALE

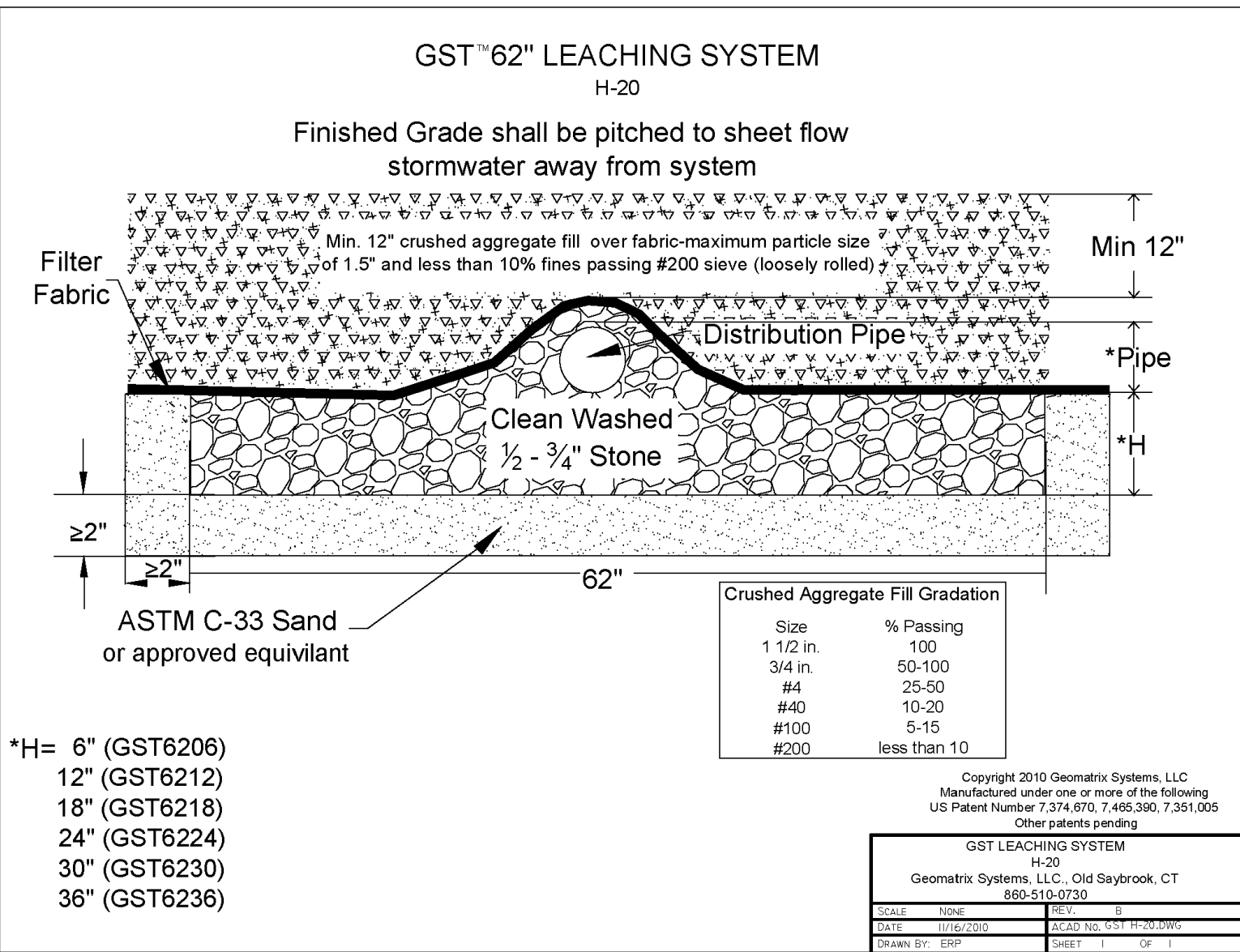
OPERATIONS & MAINTENANCE:

ROOF LEADER DOWNSPOUT & FOUNDATION DRAIN OUTLETS:
- STABILIZE ANY ERODED AREAS BELOW ROOF DRAIN DOWNSPOUT BY REPLANTING DURING GROWING SEASON AND ARMOR AREAS W/ JUTE NETTING AND PLANTINGS OR IF EROSION PERSISTS, CRUSHED STONE / RIP RAP.

LOT & INFILTRATION TRENCH:
- INSPECT BI-ANNUALLY. REMOVE DEBRIS, TRASH AND SEDIMENT AS REQUIRED.
- STABILIZE ANY ERODED AREAS WITHIN TRENCH W/ CRUSHED STONE. STABILIZE ANY ERODED AREAS BELOW INFILTRATION TRENCH BY REPLANTING DURING GROWING SEASON AND ARMOR AREAS W/ JUTE NETTING AND PLANTINGS OR IF EROSION PERSISTS, CRUSHED STONE / RIP RAP.

RAIN GARDEN:
"MAINTENANCE OF ALL SEWERSIDE FACILITIES IS THE RESPONSIBILITY OF THE PROPERTY OWNERS. ALL INDIVIDUAL LOT PLANS SHALL HAVE THE MAINTENANCE PLAN, RAIN GARDEN, SLOPELY & LEVEL SPREADER DETAILS ON THEM.
FIRST SEASON:
- WEED (3-6" LAYER OF MULCH WILL LIMIT WEEDS)
- WATER (GENERAL RULE OF THUMB IS 1" OF WATER PER WEEK)
ANNUAL:
EARLY SPRING:
- CUT AND REMOVE DEAD STALKS AND SEED HEADS FROM PREVIOUS SEASON.
- REMOVE STUMP AND DEBRIS
- WEED
- PRUNE SHRUBS IF NECESSARY
- WHERE PLANTS ARE TOO CROWDED, DIVIDE AND MOVE PLANTS TO DIFFERENT AREA
- REPLANT MULCH TO 3-6" LAYER
SPRING AND SUMMER:
- WEED
- WATER DURING SEVERE DROUGHT
FALL:
- REMOVE WEEDS AND DISEASED PLANTS
- CUT BACK DEAD STALKS
- REMOVE EXCESS TREE LEAVES FROM GARDEN
- IF FALL IS DRY, WATER PLANTS UNTIL GROUND BEGINS TO FREEZE (EARLY NOVEMBER)

ADDITIONAL SEPTIC SYSTEM DESIGN NOTES



Geomatrix GST™ Leaching System Installation Instructions

This installation procedure serves as a general overview of the installation procedure for Geomatrix GST. The system drawings should be strictly adhered to and an authorized representative of Geomatrix Systems, LLC must be present unless the contractor is certified by Geomatrix Systems.

- 1 Layout system
- 2 Prepare site and remove any trees with a drip line falling within 10 feet of the leaching system.
- 3 Excavate trench to specified elevation and a minimum of 66" wide.
- 4 Rake/scaify sidewall and bottom of trench to address any smearing of fines, and then do not walk in trench bottom.
- 5 Install a minimum of 2" of ASTM C-33 sand in the bottom of the excavation and rake the sand bed level.
- 6 Set string and place wood strips along both sides of system location.
- 7 Set the GST forms on top of wood strips.
- 8 Place ASTM C-33 sand into void space between trench sidewall and GST form, including the area between what will become the stone fingers and uniformly compact.
- 9 Place clean CT DOT #6 stone into the interior of the GST form.
- 10 Pull first form and "leap frog" GST form ahead of last GST form.
- 11 Repeat sequence until desired trench length is installed.
- 12 Install distribution piping on top of, and in the center of, the GST leaching system.
- 13 Place stone around the distribution pipe. Install provided GST inspection port.
- 14 Put approved filter fabric over the system.
- 15 Backfill system to ensure uniform cover exists over the top of the system (a minimum of 6" is required).
- 16 Finish grade over the system should ensure that storm water and sheet flow are diverted away from the leaching system, septic tank and pump tank if present.
- 17 Seed grass over disturbed area.
- 18 Maintain the area to prevent against tree roots from impacting the system.
- 19 Properly service the septic tank every 3 - 5 years or as advised by the regulatory agency or your service provider.
- 20 Fix leaking plumbing fixtures immediately.

*Notes: If the GST is to be installed under an area where vehicle traffic is likely, a minimum of 12" of cover and a load distribution system is recommended to prevent soil compaction adjacent to the infiltrative surface.
Discharging a garbage disposal and/or water softener into septic system and GST leach field is NOT recommended.
Any questions call Geomatrix Systems 860-663-3993
01/28/08 © 2007 Geomatrix Systems, LLC

NOTES: (THE FOLLOWING NOTES MAY APPLY)

THE LEACHING AREA IS TO BE STRIPPED OF ALL UNSUITABLE SOILS AND FILLED WITH CLEAN SAND, LAID IN SIX INCH LIFTS. FILL TO BE MECHANICALLY COMPACTED TO 90% MAXIMUM DENSITY. A MINIMUM SEPERATION DISTANCE OF 18" BETWEEN THE MOTTILING/GROUND WATER LAYER AND BOTTOM OF THE LEACHING AREA MUST BE MAINTAINED.

INSTALLATION OF ALL SEWAGE DISPOSAL SYSTEMS SHALL NOT OCCUR DURING WET WEATHER TO AVOID SOIL SMEARING.

FILLING OF STRIPPED AREAS SHALL NOT BE PERMITTED WHILE SMEARING OF THE SOILS OCCURS, ALL SMEARED SURFACES SHALL BE RAKED OR PLOWED PRIOR TO ANY FILLING AND AS DIRECTED BY THE TOWN HEALTH DEPARTMENT.

"SELECT FILL MATERIAL" AND "SELECT BACK FILL MATERIAL," PLACED WITHIN AND ADJACENT TO PROPOSED LEACHING AREAS SHALL BE COMPRISED OF CLEAN SAND AND GRAVEL FREE FROM ORGANIC MATTER AND FOREIGN SUBSTANCES. THE FILL MATERIAL SHALL MEET THE FOLLOWING REQUIREMENTS UNLESS OTHERWISE APPROVED BY A PROFESSIONAL ENGINEER FOR USE WITHIN THE LEACHING AREA:

1. THE FILL SHALL NOT CONTAIN ANY MATERIAL LARGER THAN THREE (3) INCHES.
2. UP TO 45% OF THE DRY WEIGHT OF THE REPRESENTATIVE SAMPLE MAY BE RETAINED ON THE #4 SIEVE (THIS IS THE GRAVEL PORTION OF THE SAMPLE).
3. THE MATERIAL THAT PASSES THE #4 SIEVE IS THEN REWEIGHED AND THE SIEVE ANALYSIS STARTED.
4. THE REMAINING SAMPLE SHALL MEET THE FOLLOWING GRADATION CRITERIA:

SIEVE SIZE	PERCENT PASSING	PERCENT PASSING
	WET SIEVE	DRY SIEVE
#4	100	100
#10	70% - 100%	70% - 100%
#40	10% - 50%	10% - 75%
#100	0% - 20%	0% - 5%
#200	0% - 5%	0% - 2.5%

*NOTE: PERCENT PASSING THE #40 SIEVE CAN BE INCREASED TO NO GREATER THAN 75% IF THE PERCENT PASSING THE #100 SIEVE DOES NOT EXCEED 10% AND THE #200 SIEVE DOES NOT EXCEED 5%.

THE RESPONSIBILITY FOR THE PREPARATION OF A LEACHING AREA UTILIZING "SELECT MATERIAL" IS THAT OF THE LICENSED INSTALLER. THE INSTALLER SHALL TAKE THE NECESSARY STEPS TO PROTECT THE UNDERLYING NATURALLY OCCURRING SOILS FROM OVERCOMPACTION AND SILTATION ONCE EXPOSED.

- ENDS OF GST TRENCH TO BE CAPPED
- NO SOURCES OF POLLUTION WITHIN 75' OF PROPOSED WELL

I HEREBY DECLARE TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS PLAN IS SUBSTANTIALLY CORRECT.

WESLEY J. WENTWORTH
P.E. # 20360

WENTWORTH CIVIL
ENGINEERS LLC
177 WEST TOWN ST.
LEBANON, CT 06249
TEL: (860) 642-7255
FAX: (860) 642-4794
web: wentworthcivil.com

NOTES & DETAILS
BLACK ASH ESTATES RESUBDIVISION
PREPARED FOR
PACHAUG CAPITAL, LLC
BLACK ASH ROAD & OLD COLCHESTER ROAD
MONTVILLE, CONNECTICUT

DATE: 8-22-23

SCALE: NONE

SHEET 9 OF 10

MAP NO. 23-024-1N

GENERAL NOTES

ALL CONSTRUCTION METHODS TO CONFORM TO CONN. D.O.T. FORM 818 AND/OR THE TOWN STANDARD SPECIFICATIONS.

THE LOCATION OF ALL EXISTING UTILITIES SHOWN IS APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATION OF EXISTING UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND FOR COORDINATING CONNECTION OF PROPOSED AND EXISTING UTILITIES.

TOWN MAY REQUIRE CHANGES TO THE PLAN TO ADDRESS PROBLEMS THAT MAY RESULT IN THE FIELD.

ALL UTILITIES TO BE INSTALLED/DIRECTED BY APPROPRIATE AUTHORITIES.

FOUNDATION DRAINS SHALL BE DEPICTED ON ALL PLOT PLANS.

HOUSE SITE DEVELOPMENT

ALL DRIVEWAY SHOULDERS SHOULD BE STABILIZED IMMEDIATELY UPON COMPLETION OF ROUGH GRADING. SHOULDER SEED BED PREPARATION SHOULD FOLLOW THE GENERAL NOTES PROVIDED. HAY BALES OR FILTER FABRIC SHOULD BE USED TO ENTRAP ANY SEDIMENT GENERATED FROM EXPOSED SOIL SURFACES. DRIVEWAY ROADSIDES SHALL BE STABILIZED WITH COMPACTED ROAD AGGREGATE AS SOON AS POSSIBLE.

TOPSOIL AND EXCAVATED SUBSOIL FROM THE FOUNDATION AREA SHOULD BE STOCKPILED WITHIN THE AREA OF DISTURBANCE IF NOT USED FOR ONSITE REGRADING. EACH STOCKPILE MUST BE ADEQUATELY FINISHED WITH SEDIMENT CONTROL MATERIALS (I.E. HAY BALES AND/OR FABRIC FENCE.)

ANY ADDITIONAL STOCKPILING OF LUMBER OR BUILDING MATERIALS SHOULD ALSO BE CONTINUED TO THE AREA OF DISTURBANCE. SWIMLARY MOVEMENT SHOULD BE DIRECTED TO ESTABLISHED PARKING AREAS. PROPOSED LEACHING SYSTEM AREAS MUST NOT BE IMPACTED BY VEHICULAR TRAFFIC OR UTILIZED AS PARKING AREAS. DEVELOPMENT OF SEWAGE DISPOSAL LEACHING AREAS SHOULD BE STAGED TO FOLLOW HOUSE SITE PREPARATION. ONLY THE PRIMARY LEACHING SYSTEM NEED BE CLEARED OF EXISTING VEGETATION IN COORDINATION WITH APPROVED SEPTIC SYSTEM DESIGN. RESERVE AREAS SHOULD REMAIN UNALTERED IF SITE CONDITIONS PERMIT.

SOIL BOUNDARIES AND SOIL TYPES TAKEN FROM "SOIL SURVEY NEW LONDON COUNTY, CONNECTICUT", USDA SOIL. WETLAND BOUNDARIES DERIVED IN FIELD.

STUMPAGE AND DEBRIS SHALL NOT BE BURIED ON SITE.

PLAT PLANS FOR EACH LOT SHALL INDICATE PROPOSED SEDIMENTATION AND EROSION CONTROLS. ALSO THE PROPOSED HOUSE LOCATION, LOT GRADING LIMIT OF TREE CLEARING, DRIVEWAY DESIGN, SEPTIC SYSTEM DESIGN AND SITE DRAINAGE PLAN SHALL BE SHOWN. THESE PLANS SHALL BE SUBJECT TO REVIEW AND APPROVAL BY THE TOWN.

UPON APPROVAL OF INDIVIDUAL SITE PLAN DEVELOPMENT, THE LIMITS OF DEVELOPMENT SHOULD BE ESTABLISHED IN THE FIELD FOR EACH PROPOSED RESIDENTIAL STRUCTURE. DISTURBANCE LIMITS OF 25-30 FEET BEYOND THE PHYSICAL DIMENSIONS OF THE STRUCTURE ARE RECOMMENDED.

LEACHING FIELDS ARE TO BE LOCATED IN AREAS DESIGNATED ON SUBDIVISION PLAN.

SITE NARRATIVE

IN GENERAL THIS SITE CONSISTS OF 25.48 ACRES OF LAND TO BE DEVELOPED INTO 8 RESIDENTIAL BUILDING LOTS. HOUSES WILL BE SERVED BY ONSITE PRIVATE WELLS AND ONSITE SUBSURFACE SEPTIC SYSTEMS.

THE NATURE OF THE PROPOSED CONSTRUCTION ACTIVITIES INCLUDE MINIMAL CLEARING AND GRUBBING, TOPSOIL STRIPPING, FOUNDATION EXCAVATION AND INSTALLATION OF DRIVEWAY, SEPTIC SYSTEM & WELL. ALL ACTIVITIES ARE DESIGNED WITH A STRONG FOCUS ON EROSION & SEDIMENTATION CONTROLS.

SOME GENERAL KEYS TO SUCCESSFUL EROSION & SEDIMENTATION CONTROLS ARE AS FOLLOWS:

- KEEP CLEARING AND GRUBBING OF VEGETATION TO AN ABSOLUTE MINIMUM.
- MINIMIZE TIME OF EXPOSURE OF UNPROTECTED SOIL SURFACES.
- STABILIZE ALL GRADED AREAS WITH MULCH AND VEGETATION IMMEDIATELY AFTER GRADING.
- DIVERT RUNOFF AWAY FROM STEEPLY SLOPED & DISTURBED AREAS.
- MONITOR AND MAINTAIN CONTROLS REGULARLY (WEEKLY).

GENERAL

THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND/OR PERMANENT MEASURES TO CONTROL WATER POLLUTION AND SOIL EROSION AS MAY BE REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT.

IN GENERAL, ALL CONSTRUCTION ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS NOT TO POLLUTE ANY WETLANDS, WATERCOURSE, WATERBODY, AND CONDUIT CARRYING WATER, ETC. THE CONTRACTOR SHALL LIMIT, INsofar AS POSSIBLE, THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION METHODS, AND IMMEDIATELY PROVIDE PERMANENT AND TEMPORARY POLLUTION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT WETLANDS, WATERCOURSES AND WATERBODIES, AND TO PREVENT, INsofar AS POSSIBLE, EROSION ON THE SITE.

CONSTRUCTION METHODS, IN GENERAL, SHALL BE IN ACCORDANCE WITH THE PROVISIONS SET FORTH IN THE "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" BY THE STATE OF CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION.

LAND GRADING

- GENERAL:
- THE RESHAPING OF THE GROUND SURFACE BY EXCAVATION AND FILLING OR A COMBINATION OF BOTH, TO OBTAIN PLANNED GRADES SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING BASIC CRITERIA:
 - THE CUT FACE OF EARTH EXCAVATION SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).
 - THE PERMANENT EXPOSED FACES OF FILLS SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).
 - THE CUT FACE OF ROCK EXCAVATION SHALL NOT BE STEEPER THAN ONE HORIZONTAL TO FOUR VERTICAL (1:4).
 - NO FILL SHOULD BE PLACED WHERE IT WILL SLIDE, OR WASH UPON THE PREMISES OF ANOTHER OWNER OR UPON ADJACENT WETLANDS, WATERCOURSE OR WATERBODY.
 - INSTALLATION OF SEDIMENT AND EROSION CONTROLS SUCH AS HAY BALES AND SILT FENCES SHALL BE ESTABLISHED PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITIES. ALL SEDIMENT AND EROSION CONTROL STRUCTURES MUST BE MONITORED AND MAINTAINED BY THE CONTRACTOR UNTIL THE SOIL SURFACE IS STABILIZED.
 - IF NECESSARY, LATERAL WATER DIVERSIONS SHALL BE INSTALLED ACROSS THE GRADED ROADWAY TO PREVENT DOWNSLOPE OUTWASH AND EROSION.
 - HAY BALES SHALL BE STAKED AND SILT FENCES SHALL BE PROPERLY SECURED. SEDIMENT WILL BE REMOVED FROM ALL CATCHMENTS AS NECESSARY.
 - PRIOR TO ANY REGRADING, STONE APRON SHALL BE PLACED BY THE ENTRANCE TO THE WORK AREA IN ORDER TO REDUCE MUD AND OTHER SEDIMENTS FROM LEAVING THE SITE.
 - PROVISIONS SHOULD BE MADE TO CONDUCT SURFACE WATER SAFELY TO STORM DRAINS, TO PREVENT SURFACE RUNOFF FROM DAMAGING CUT FACES AND FILL SLOPES.
 - EXCAVATIONS SHOULD NOT BE MADE SO CLOSE TO PROPERTY LINES AS TO ENDANGER ADJOINING PROPERTY WITHOUT PROTECTING SUCH PROPERTY FROM EROSION, SLIDING, SETTling OR CRACKING.

TOPSOILING

- GENERAL:
- TOPSOIL SHALL BE SPREAD OVER ALL EXPOSED AREAS IN ORDER TO PROVIDE A SOIL MEDIUM HAVING FAVORABLE CHARACTERISTICS FOR THE ESTABLISHMENT, GROWTH AND MAINTENANCE OF VEGETATION.
 - REMOVE ALL LARGE STONES, TREE LIMBS, ROOTS, AND CONSTRUCTION DEBRIS.
 - APPLY LIME ACCORDING TO SOIL TEST OR AT THE RATE OF TWO (2) TONS PER ACRE.
- MATERIAL:
- TOPSOIL SHOULD HAVE PHYSICAL, CHEMICAL AND BIOLOGICAL CHARACTERISTICS FAVORABLE TO THE GROWTH OF PLANTS.
 - TOPSOIL SHOULD HAVE A SANDY OR LOAMY TEXTURE.
 - AN ORGANIC MATTER CONTENT OF OVER TWO (2%) PERCENT IS HIGHLY DESIRABLE. AVOID LIGHT COLORED LOWER SUBSOIL MATERIAL.
- APPLICATION:
- AVOID SPREADING WHEN TOPSOIL IS WET OR FROZEN.
 - SPREAD TOPSOIL UNIFORMLY TO A DEPTH OF AT LEAST FOUR (4") INCHES.

EROSION CHECKS

- GENERAL:
- TEMPORARY PERVIOUS BARRIERS USING BALES OF HAY OR STRAW, HELD IN PLACE WITH STAKES DRIVEN THROUGH THE BALES AND INTO THE GROUND, OR SEDIMENT FILTER FABRIC FASTENED TO A FENCE POST AND BURIED INTO THE GROUND, SHALL BE INSTALLED AND MAINTAINED AS REQUIRED TO CHECK EROSION AND REDUCE SEDIMENTATION.
- CONSTRUCTION:
- BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
 - EACH BALE SHALL BE EMBEDDED INTO THE SOIL A MINIMUM OF FOUR (4") INCHES.
 - BALES SHALL BE SECURELY ANCHORED IN PLACE BY WOOD STAKES OR REINFORCEMENT BARS DRIVEN THROUGH THE BALES AND INTO THE GROUND. THE FIRST STAKE IN EACH BALE SHALL BE ANGED TOWARD THE PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
 - FILTER FABRIC SHALL BE SECURELY FASTENED AT THE TOP OF A THREE (3) FOOT HIGH FENCE AND BURIED A MINIMUM OF FOUR (4") INCHES INTO THE SOIL. SEAMS BETWEEN SECTIONS OF FILTER FABRIC SHALL OVERLAP A MINIMUM OF TWO (2) FEET.
- INSTALLATION AND MAINTENANCE:
- BALED HAY EROSION BARRIERS SHALL BE INSTALLED AT ALL STORM SEWER INLETS.
 - BALED HAY EROSION BARRIERS AND SEDIMENT FILTER FENCES SHALL BE INSTALLED AT THE LOCATIONS INDICATED ON THE PLAN AND IN ADDITIONAL AREAS AS MAY BE DEEMED APPROPRIATE DURING CONSTRUCTION.
 - ALL EROSION CHECKS SHALL BE MAINTAINED UNTIL ADJACENT AREAS ARE STABILIZED.
 - INSPECTION SHALL BE FREQUENT (AT MINIMUM MONTHLY AND BEFORE AND AFTER HEAVY RAIN) AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
 - EROSION CHECKS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORMWATER FLOW OR DRAINAGE.

WINDBLOWN SEDIMENT

- GENERAL:
- ALL WINDBLOWN SEDIMENTS SHALL BE CONTROLLED AT ALL TIMES. THE SITE CONTRACTOR IS RESPONSIBLE FOR APPLYING DUST CONTROL AS OFTEN AS NEEDED TO PREVENT ANY WINDBLOWN SEDIMENTS FROM LEAVING THE SITE. PREDETERMINED TRAFFIC ROUTES FOR ALL TRAFFIC SHALL BE ESTABLISHED BY THE SITE CONTRACTOR TO STABILIZED ROUTES. TEMPORARY AND PERMANENT MULCHING AND TEMPORARY AND PERMANENT VEGETATIVE COVER SHALL BE USED TO MINIMIZE THE NEED FOR DUST CONTROL. MECHANICAL SWEEPERS SHALL BE USED ON ALL PAVED SURFACES TO PREVENT DUST BUILD UP DURING THE COURSE OF SITE WORK.
- METHODS:
- SPRAY ON ADHESIVES ARE ACCEPTABLE AND SHOULD BE APPLIED ACCORDING TO MANUFACTURER'S GUIDELINES.
 - WATER IS ACCEPTABLE BUT MUST BE APPLIED OFTEN IN HOT, DRY WEATHER.
 - CALCIUM CHLORIDE IS ACCEPTABLE BUT MUST BE APPLIED AT A RATE THAT WILL KEEP SURFACE MOIST BUT NOT CAUSE POLLUTION OR PLANT DAMAGE.
 - CRUSHED STONE OR COARSE GRAVEL CAN ALSO BE USED.

TEMPORARY VEGETATIVE COVER

- GENERAL:
- TEMPORARY VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL UNPROTECTED AREAS THAT PRODUCE SEDIMENT. AREAS WHERE FINAL GRADING HAS BEEN COMPLETED AND AREAS WHERE THE ESTIMATED PERIOD OF BARE SOIL EXPOSURE IS LESS THAN 12 MONTHS.
- SITE PREPARATION:
- INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
 - REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.
 - APPLY LIME ACCORDING TO SOIL TEST OR AT A RATE OF ONE (1) TON OF GROUND DOLOMITIC LIMESTONE PER ACRE (5 LBS. PER 100 SQUARE FEET).
 - APPLY FERTILIZER ACCORDING TO SOIL TEST OR AT THE RATE OF 300 LBS. OF 10-10-10 PER ACRE (7 LBS. PER 1,000 SQUARE FEET.)
 - UNLESS HYDROSEEDED, WORK IN LIME AND FERTILIZER TO A DEPTH OF FOUR (4") INCHES USING A DISK OR ANY SUITABLE EQUIPMENT.
 - TILLAGE SHOULD ACHIEVE A REASONABLY UNIFORM, LOOSE SEEDBED. WORK ON CONTOUR IF SITE IS SLOPING.
- ESTABLISHMENT:
- USE ANNUAL RYEGRASS AT A RATE OF 40 LBS./AC. OR SUITABLE EQUIVALENT AS SPECIFIED IN THE "GUIDELINES".
 - SEEDING TO BE DONE FROM APRIL 1ST TO JUNE 15 OR AUGUST 1ST. TO OCTOBER 1ST. WINTER STABILIZATION PLANTINGS TO BE NO LATER THAN OCTOBER 1ST. THIS INCLUDES STOCKPILE AREAS.
 - APPLY SEED UNIFORMLY ACCORDING TO THE RATE INDICATED BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
 - UNLESS HYDROSEEDED, COVER RYEGRASS SEEDS WITH NOT MORE THAN 1/4 INCH OF SOIL WITH SUITABLE EQUIPMENT. COVER SUDANGRASS AND SMALL GRAINS WITH 1/2 INCH SOIL.
 - MULCH IMMEDIATELY AFTER SEEDING, IF REQUIRED, ACCORDING TO THE GUIDELINES IN THE "GUIDELINES".

PERMANENT VEGETATIVE COVER

- GENERAL:
- PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED AS VARIOUS SECTIONS OF THE PROJECT ARE COMPLETED IN ORDER TO STABILIZE THE SOIL, REDUCE DOWNSTREAM DAMAGE FROM SEDIMENT AND RUNOFF AND TO ENHANCE THE AESTHETIC NATURE OF THE SITE. IT WILL BE APPLIED TO ALL CONSTRUCTION AREAS SUBJECT TO EROSION WHERE FINAL GRADING HAS BEEN COMPLETED AND A PERMANENT COVER IS NEEDED.
- SITE PREPARATION:
- INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
 - REMOVE LOOSE ROCK, STONE AND CONSTRUCTION DEBRIS FROM AREA.
 - PERFORM ALL PLANTING OPERATIONS PARALLEL TO THE CONTOURS OF THE SLOPE.
 - APPLY TOPSOIL AS INDICATED ELSEWHERE HEREIN.
 - APPLY FERTILIZER ACCORDING TO SOIL TEST OR:
 - SPRING SEEDING: WORK DEEPLY IN SOIL, BEFORE SEEDING, 300 LBS OF 10-10-10 FERTILIZER PER ACRE (7 LBS PER 1,000 SQUARE FEET); THEN SIX (6) TO EIGHT (8) WEEKS LATER, APPLY ON THE SURFACE AN ADDITIONAL 300 LBS OF 10-10-10 FERTILIZER PER ACRE.
 - FALL SEEDING: WORK DEEPLY IN SOIL, BEFORE SEEDING, 600 LBS OF 10-10-10 FERTILIZER PER ACRE (14 LBS PER 1,000 SQUARE FEET).
- ESTABLISHMENT:
- SMOOTH AND FIRM SEEDBED WITH CULTIPACKER OR OTHER SIMILAR EQUIPMENT PRIOR TO SEEDING (EXCEPT WHEN HYDROSEEDING).
 - SELECT ADAPTED SEED MIXTURE AS FOLLOWS. NOTE RATES AND THE SEEDING DATES.

SUNNY TO PARTIALLY SUNNY SITES

	LBS./ACRE	LBS./1000 S.F.
KENTUCKY BLUEGRASS	20	0.50
CREeping RED FESCUE	20	0.50
PERENNIAL RYEGRASS	05	0.10
TOTAL	45	1.10

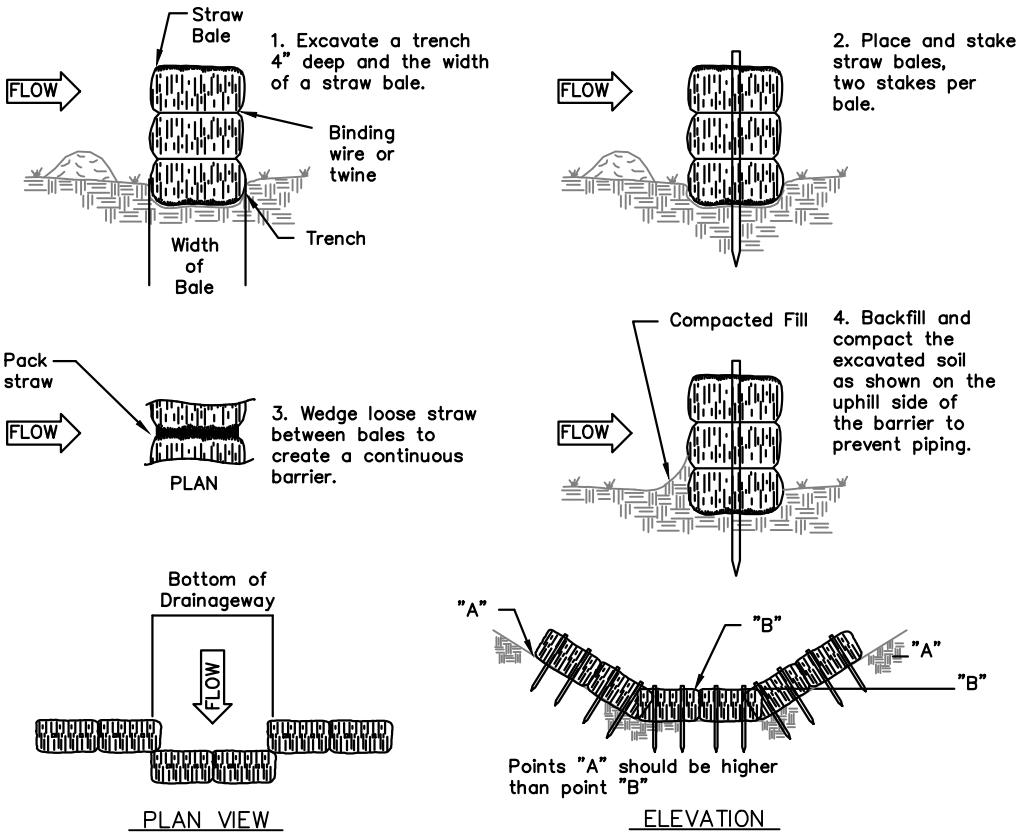
SHADY SITES

	LBS./ACRE	LBS./1000 S.F.
CREeping RED FESCUE	50	1.00
PERENNIAL RYEGRASS	05	0.10
TOTAL	55	1.10

DROUGHTY SITES

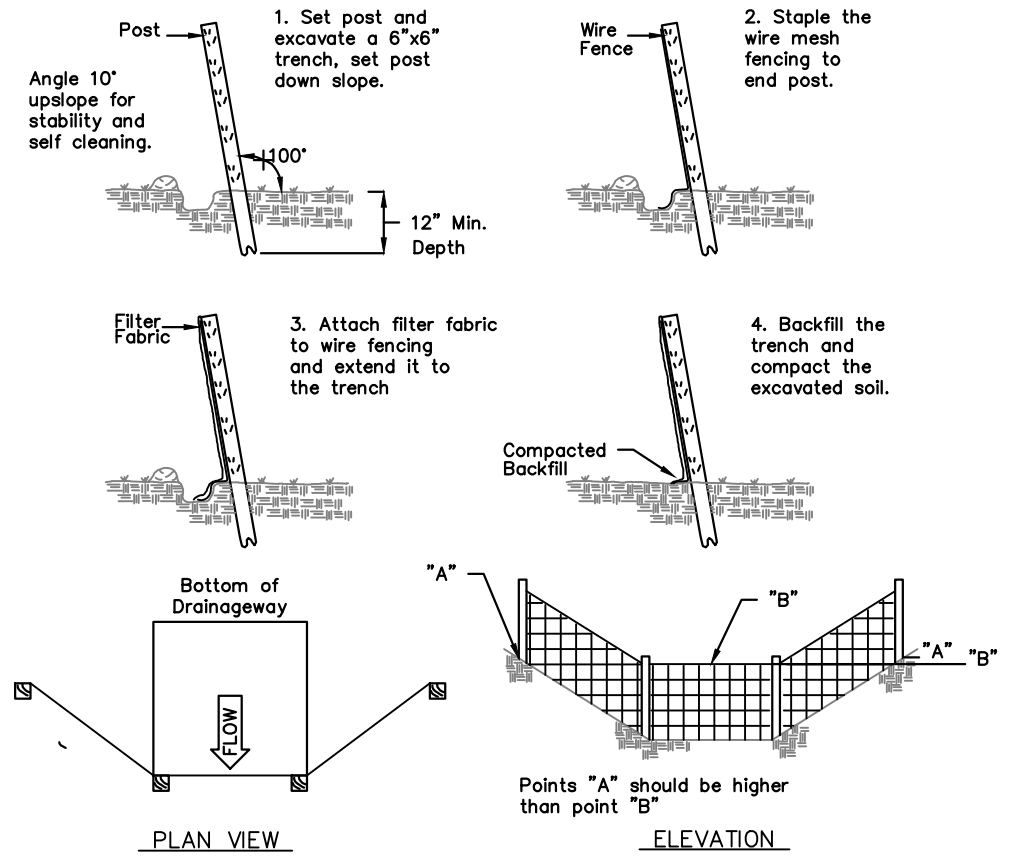
	LBS./ACRE	LBS./1000 S.F.
CREeping RED FESCUE	40	1.00
TALL FESCUE	20	0.50
TOTAL	60	1.50

- FINAL SEEDING SHALL TAKE PLACE PRIOR TO OCTOBER 1ST AS SEEDING AFTER THIS DATE RUNS A DISTINCT CHANCE OF FAILURE DUE TO ADVERSE WEATHER. ANY AREAS THAT ARE DISTURBED BETWEEN OCTOBER 1ST AND APRIL 1ST SHALL BE STABILIZED BY NON-VEGETATIVE MEANS SUCH AS HEAVY MULCHING WITH A BINDER OR JUTE MATTING WHICH WILL HAVE TO BE REMOVED BEFORE FINAL SEEDING AND THEN REPLACED AFTER FINAL SEEDING.
- APPLY SEED UNIFORMLY ACCORDING TO RATE INDICATED, BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
- COVER GRASS AND LEGUME SEEDS WITH NOT MORE THAN 1/4 INCH OF SOIL WITH SUITABLE EQUIPMENT (EXCEPT WHEN HYDROSEEDING).
- MULCH IMMEDIATELY AFTER SEEDING, IF REQUIRED, ACCORDING TO THE GUIDELINES IN THE "GUIDELINES".
- USE PROPER INOCULANT ON ALL LEGUME SEEDINGS, USE FOUR (4) TIMES NORMAL RATE WHEN HYDROSEEDING.



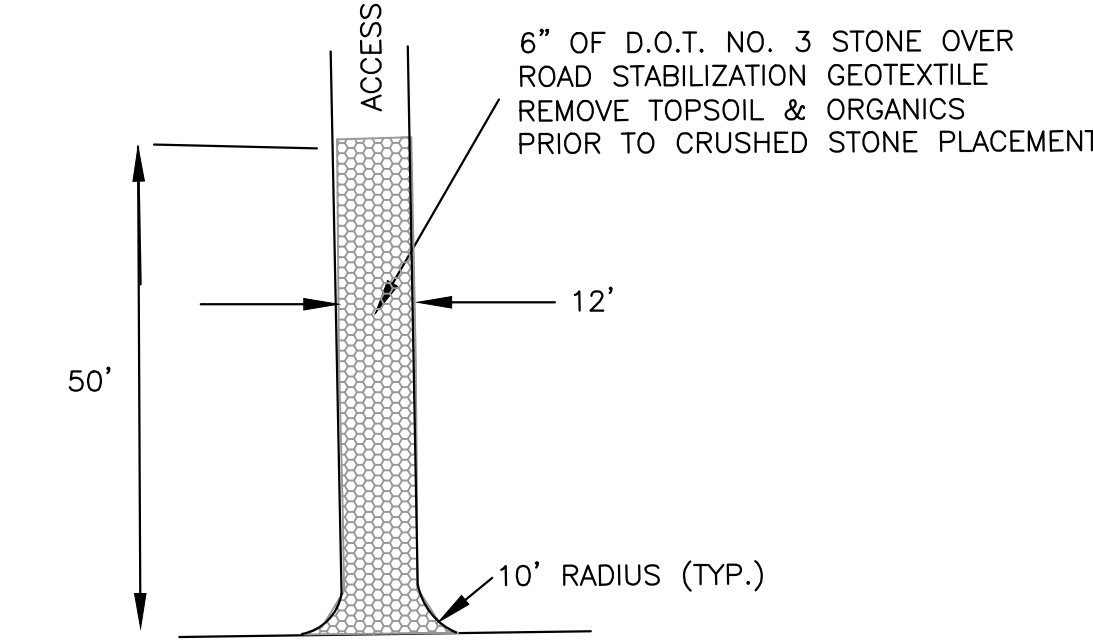
Source: U.S. Department of Agriculture, Soil Conservation Service, Storrs, Connecticut

PLACEMENT AND CONSTRUCTION OF A STRAW BALE BARRIER



Source: U.S. Department of Agriculture, Soil Conservation Service, Storrs, Connecticut

PLACEMENT AND CONSTRUCTION OF A SYNTHETIC FILTER BARRIER



CONSTRUCTION ENTRANCE DETAIL

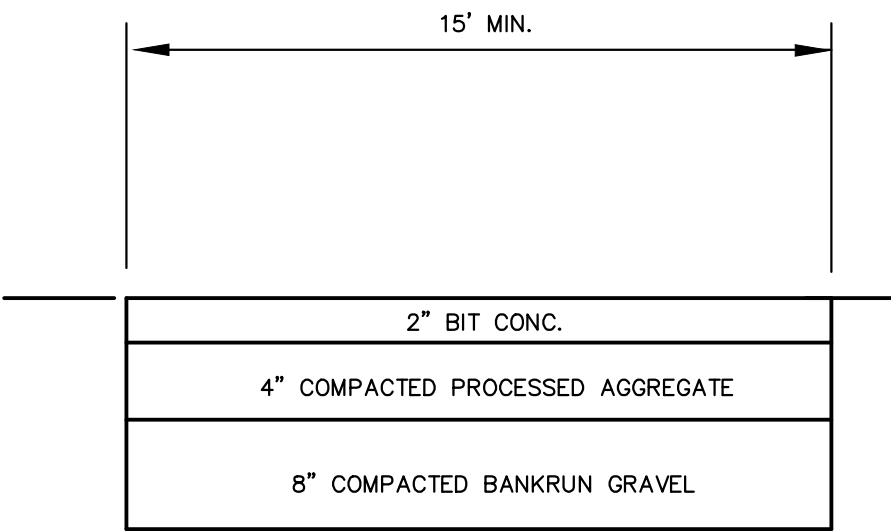
NO SCALE

CONSTRUCTION SCHEDULE									
INSTALLATION OF EROSION & SEDIMENTATION CONTROLS	0	30	60	90	120	150	180	210	230
INSPECTION & MAINTENANCE OF EROSION & SEDIMENTATION CONTROLS	0	30	60	90	120	150	180	210	230
INSTALL SITE CONSTRUCTION ENTRANCE FOR DRIVEWAY	0	30	60	90	120	150	180	210	230
CLEARING & GRUBBING	0	30	60	90	120	150	180	210	230
STRIP & STOCKPILE TOPSOIL	0	30	60	90	120	150	180	210	230
INSTALL DRIVEWAY	0	30	60	90	120	150	180	210	230
BUILDING CONSTRUCTION	0	30	60	90	120	150	180	210	230
INSTALL WELL & SEPTIC SYSTEM	0	30	60	90	120	150	180	210	230
GRADE, TOPSOIL & STABILIZE	0	30	60	90	120	150	180	210	230
FERTILIZE, LIME, SEED, & MULCH	0	30	60	90	120	150	180	210	230
ESTABLISHMENT OF VEGETATION	0	30	60	90	120	150	180	210	230
REMOVE EROSION & SEDIMENT CONTROLS	0	30	60	90	120	150	180	210	230

NOTES: BEGIN CONST. 0 30 60 90 120 150 180 210 230 (DAYS)

ACTUAL DATE: (DAYS)

CONST. STARTING DATE DEPENDS ON APPROVAL DATE OF PROJECT, BONDING & WEATHER CONDITIONS. SHOULD BE PLANTED BETWEEN: 4-15 & 6-15 OR 8-15 & 9-15 (FOR PERMANENT) IF NOT MULCH WITH STRAW & MULCH NETS 3-1 & 6-15 OR 8-1 & 10-1 (FOR TEMPORARY) IF NOT MULCH WITH STRAW & MULCH NETS



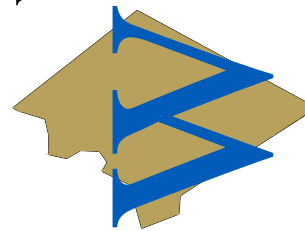
15' COMMON DRIVEWAY DETAIL

I HEREBY DECLARE TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS PLAN IS SUBSTANTIALLY CORRECT.

WESLEY J. WENTWORTH
P.E. # 20360

WENTWORTH CIVIL
ENGINEERS LLC

177 WEST TOWN ST.
LEBANON, CT 06249
TEL: (860) 642-7255
FAX: (860) 642-4794
web: wentworthcivil.com



NOTES & DETAILS
BLACK ASH ESTATES RESUBDIVISION
PREPARED FOR
PACHAUG CAPITAL, LLC
BLACK ASH ROAD & OLD COLCHESTER ROAD
MONTVILLE, CONNECTICUT

DATE: 8-22-23

SCALE: NONE

SHEET 10 OF 10

MAP NO. 23-024-IN