

APPROVED BY THE LEDYARD PLANNING AND ZONING COMMISSION AS TO THE COMPLIANCE WITH THE REGULATIONS GOVERNING THE SUBDIVISION OF LAND ALL IMPROVEMENTS SHALL BE COMPLETED BY _ CHAIRMAN OR SECRETARY EROSION AND SEDIMENT CONTROL PLAN CERTIFIED BY VOTE OF THE LEDYARD PLANNING AND ZONING COMMISSION ON LOT NUMBERS ASSIGNED BY THE ASSESSOR APPLICATION# NOT APPLICABLE AT THIS TIME. (WITHIN A REGULATED AREA NO REGULATED ACTIVITY PROPOSED AT THIS TIME.) WETLANDS OFFICER APPROVED BY THE DIRECTOR OF PUBLIC WORKS OR THE TOWN ENGINEER FOR PUBLIC WAY LAYOUT. PUBLIC WORKS DIRECTOR/TOWN ENGINEER EROSION AND SEDIMENT CONTROL PLAN CERTIFIED BY VOTE OF THE LEDYARD PLANNING AND ZONING COMMISSION CHAIRMAN OR SECRETARY OF THE LEDYARD PLANNING DATE AND ZONING COMMISSION

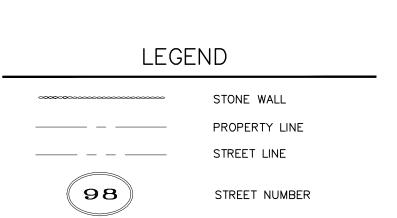
THE WORD "CERTIFY" IS UNDERSTOOD TO BE AN EXPRESSION OF THE PROFESSIONAL OPINION BY THE LAND SURVEYOR WHICH IS BASED ON HIS OR HER BEST KNOWLEDGE, INFORMATION AND BELIEF. AS SUCH IT CONSTITUTES NEITHER GUARANTEE OR WARRANTY.

THE STONE WALLS AND/OR FENCES SHOWN AS BOUNDARIES MAY HAVE IRREGULARITIES OF COURSE BETWEEN PRINCIPAL POINTS OF COURSE INDICATED

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.

JOB# 22-00718LOT.DWG FBK#327



SOILS LEGEND

AfB - AGAWAM FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES

CdC - CANTON AND CHARLTON EXTREMELY STONY FINE SANDY LOAMS, 3 TO 15 PERCENT SLOPES

HcA - HAVEN SILT LOAM, 0 TO 3 PERCENT SLOPES

HKC - HINCKLEY GRAVELLY SANDY LOAM, 3 TO 15 PERCENT SLOPES

Rn - ridgebury, leicester and whitman extremely stony fine sandy loam

Ud - UDORTHENTS-URBAN LAND COMPLEX

NOTE: BOUNDARY LINES OF ADJOINING PROPERTIES ARE SHOWN FOR GENERAL INFORMATIONAL PURPOSES ONLY AND ARE NOT TO BE CONSTRUED AS BEING ACCURATELY LOCATED OR DEPICTED.

GENERAL NOTES: 1. MAP REFERENCES:

MAP REFERENCES:
 A) SUBDIVISION PLAN PREPARED

DESIGN OF THIS SUBDIVISION.

A) SUBDIVISION PLAN PREPARED FOR AMER JAVAD 98 STODDARDS WHARF ROAD — (CONN. RTE #214) LEDYARD, CONNECTICUT BOUNDARY SURVEY MAP DATE: 9/12/11 SCALE: 1"=40' SHEET 1 OF 4 ADVANCED SURVEYS, LLC.

B) LOT DIVISION PLAN PROPERTY OF PANDE HOLDINGS, LLC 98 STODDARDS

WHARF (CONNECTICUT ROUTE 214) LEDYARD, CONNECTICUT DATE: MAY 10, 2007 SCALE: 1"=40' SHEET NO. 1 OF 2. REVISIONS DATE 5/23/07 STREET ADDRESS, LOCATION MAP & NOTE 12 ADDED.

C) BOUNDARY LINE ADJUSTMENT PLAN PROPERTY OF AVERY BROOK HOMES LLC 94, 96, 98 AND 100 STODDARDS WHARF ROAD A.K.A. CONNECTICUT ROUTE 214 LEDYARD, CONNECTICUT SCALES AS SHOWN FEBRUARY 2024.

CALL BEFORE YOU DIG AT 1-800-922-4455 BEFORE ANY CONSTRUCTION ACTIVITY.
 ELEVATIONS SHOWN HEREON ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM.
 THIS SUBDIVISION WILL BE SERVED BY ON SITE WELLS ON SITE SEWAGE SYSTEMS AND OVERHEAD UTILITIES.

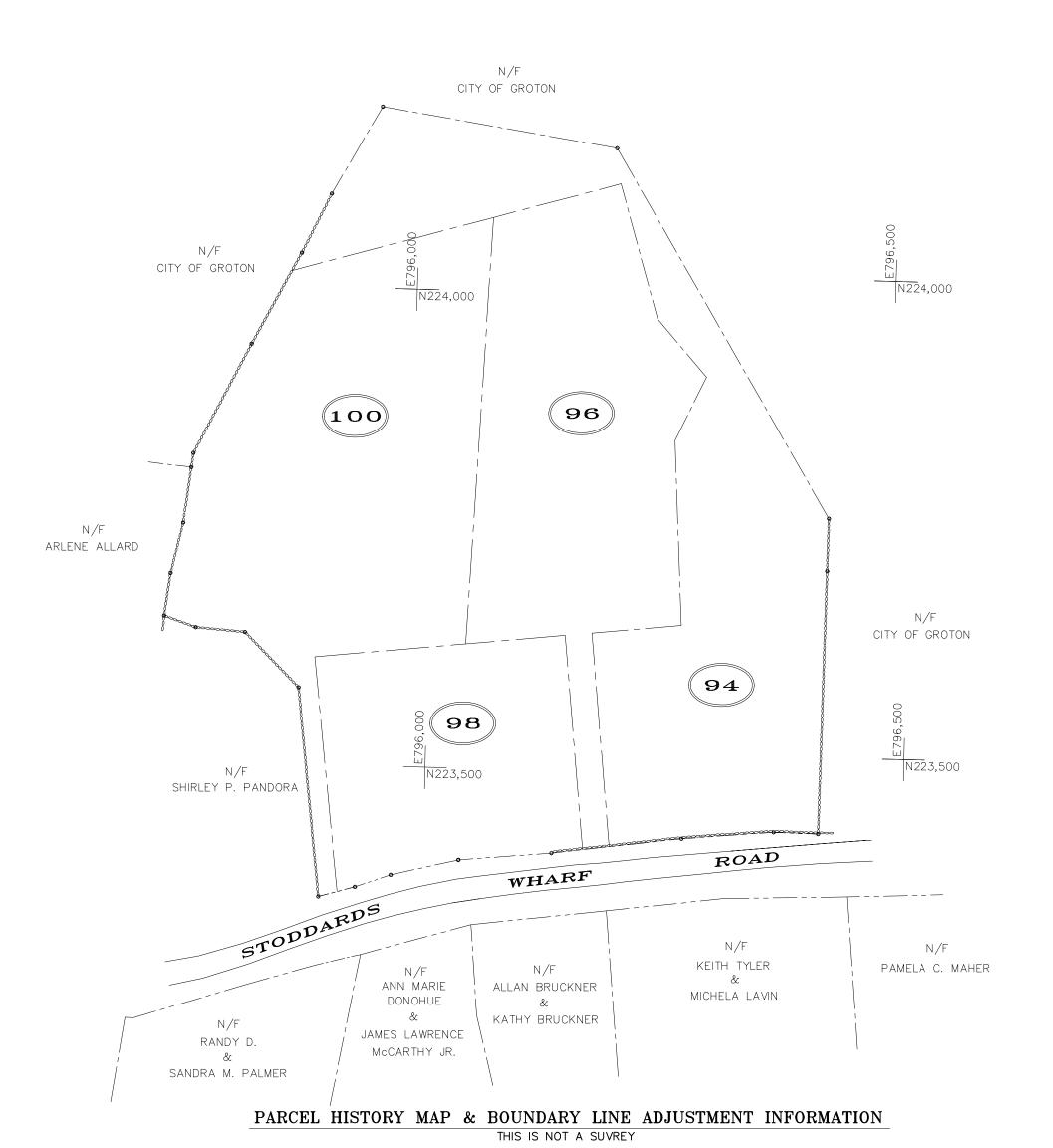
5. HOUSES, WELLS, DRIVEWAYS, SEWAGE DISPOSAL SYSTEMS AND EROSION/SEDIMENT SEDIMENT CONTROL MEASURES ARE SHOWN CONCEPTUALLY ONLY.
6. ZONING SETBACKS: LOTS SUBMITTED AS A SET—ASIDE DEVELOPMENT AS DEFINED IN CONNECTICUT GENERAL STATUTES SECTION 8-30g. MINIMUM FRONT YARD SETBACK 12' MINIMUM SIDE YARD SETBACK 6'

MINIMUM REAR YARD SETBACK 15'

7. PASSIVE SOLAR TECHNIQUES AS PRESCRIBED BY LAW HAVE BEEN CONSIDERED IN THE

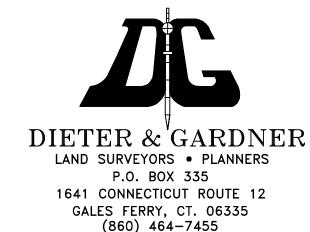
8. ACTUAL CONDITIONS THAT DEVELOP OR ARE MORE CLEARLY ASSESSED DURING CONSTRUCTION MAY DICTATE THAT FIELD ADJUSTMENTS, INCLUDING ADDITIONAL DRAINAGE AND SIGHTLINE MEASURES, MAY BE NECESSARY FOR ADEQUATE STORMWATER MANAGEMENT. ADDITIONAL DESIGN EFFORT FOR INSTALLATION OF SUCH MEASURES SHALL BE UNDERTAKEN IN ACCORDANCE WITH DIRECTION FROM THE TOWN.

9. THE TOWN WILL INSTALL THE REQUIRED ROAD SIGNAGE AND MARKINGS, THE COST OF WHICH WILL BE BACKCHARGED TO THE APPLICANT/OWNER.

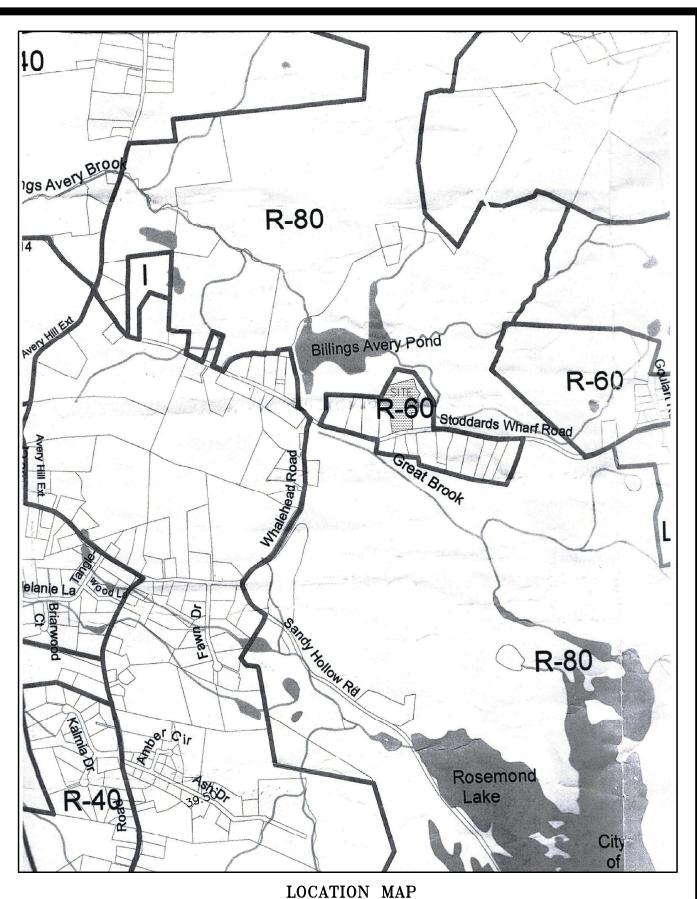


 $\frac{\text{PARCEL HISTORY}}{\text{TOTAL AREA ON MARCH 22, } 1962 = 9.21 \text{ ACRES}}$ TOTAL NUMBER OF LOTS CREATED FROM ORIGINAL TRACT = 4

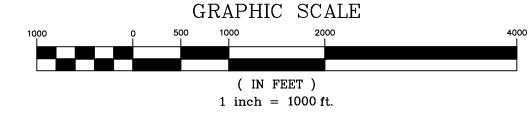
(IN FEET)
1 inch = 100 ft.



EMAIL: DIETER.GARDNER@YAHOO.COM



ZONING DISTRICT: R-60



SHEET INDEX

SHEET 1 - 100 SCALE BOUNDARY MAP; PARCEL HISTORY MAP; LOCATION MAP AND GENERAL NOTES

SHEET 2 - 40 SCALE A-2 PLAN

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SHEET 4 - 40 SCALE PLAN/PROFILE AVERY COURT

SHEET 5 - DEEP TEST PIT DATA

SHEET 6 - PERCOLATION TEST RESULTS AND SEPTIC SYSTEM DESIGN CRITERIA

SHEET 7 — EROSION AND SEDIMENT CONTROL NARRATIVE AND DETAILS AND CONSTRUCTION DETAILS

SHEET 8 - 40 SCALE SIGHTLINE DEMONSTRATION PLAN

PLAN SHOWING
RESUBDIVISION
PROPERTY OF

AVERY BROOK HOMES LLC

96, 98 & 100 STODDARDS WHARF ROAD
A.K.A.

CONNECTICUT ROUTE 214

LEDYARD, CONNECTICUT
SCALES AS SHOWN

MARCH 2024

SHEET 1 OF 8

THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300b-1 THRU 20-300b-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES - "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. IT IS A BOUNDARY SURVEY BASED ON AN RESURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS "D".

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

TITLE: LAND SURVEYOR CT No. 14208

DATE: MARCH 25, 2024

		DATE
CHAIRMAN	OR SECRETARY	DATE
EROSION AND S	EDIMENT CONTROL PLAN C	ERTIFIED BY VOTE OF —
THE LEDYARD F	PLANNING AND ZONING COM	IMISSION ON DATE
LOT NUMBERS	ASSIGNED BY THE ASSESSO	R
ASSE	SSOR	DATE
IWWC	APPLICATION#	
	APPROVED,	
X	NO PERMIT NECESSARY. (N	NOT WITHIN A REGULATED AREA)
	NOT APPLICABLE AT THIS NO REGULATED ACTIVITY F	TIME. (WITHIN A REGULATED ARE PROPOSED AT THIS TIME.)
WETLANDS OF	NO REGULATED ACTIVITY F	
	NO REGULATED ACTIVITY F	PROPOSED AT THIS TIME.)
	NO REGULATED ACTIVITY F	PROPOSED AT THIS TIME.) DATE
APPROVED BY T	NO REGULATED ACTIVITY F	PROPOSED AT THIS TIME.) DATE WORKS OR THE TOWN ENGINEER

STREET ADDRESS	TOTAL AREA
1	12,481 Sq. Ft. 0.29 ACRES
2	24,444 Sq. Ft. 0.58 ACRES
3	10,439 Sq. Ft. 0.24 ACRES
4	13,910 Sq. Ft. 0.32 ACRES
5	11,762 Sq. Ft. 0.27 ACRES
6	14,542 Sq. Ft. 0.33 ACRES
7	10,561 Sq. Ft. 0.24 ACRES
8	14,287 Sq. Ft. 0.33 ACRES
9	10,201 Sq. Ft. 0.23 ACRES
10	12,819 Sq. Ft. 0.29 ACRES
11	11,508 Sq. Ft. 0.26 ACRES
12	15,917 Sq. Ft. 0.37 ACRES
13	12,308 Sq. Ft. 0.28 ACRES
14	9,756 Sq. Ft. 0.22 ACRES
15	12,575 Sq. Ft. 0.29 ACRES
16	20,973 Sq. Ft. 0.48 ACRES
17	11,456 Sq. Ft. 0.26 ACRES
18	14,752 Sq. Ft. 0.34 ACRES

LEGEND					
00000000	STONE WALL				
	PROPERTY LINE				
	STREET LINE				
O DH FND	DRILL HOLE FOUND				
O IP FND	IRON PIPE FOUND				
O	DRILL HOLE OR REBAR TO BE SET				
•	MONUMNET OR DRILL HOLE TO BE SET				
(7)	CURVE TABLE NUMBER				
Q	UTILITY POLE				
	ACCESS/UTILITY EASEMENT				

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POINTS OF COURSE INDICATED.

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BOUNDARY LINES OF ADJOINING PROPERTIES ARE SHOWN FOR CENERAL

STREET ADDRESS

1641 CONNECTICUT ROUTE 12

P.O. BOX 335

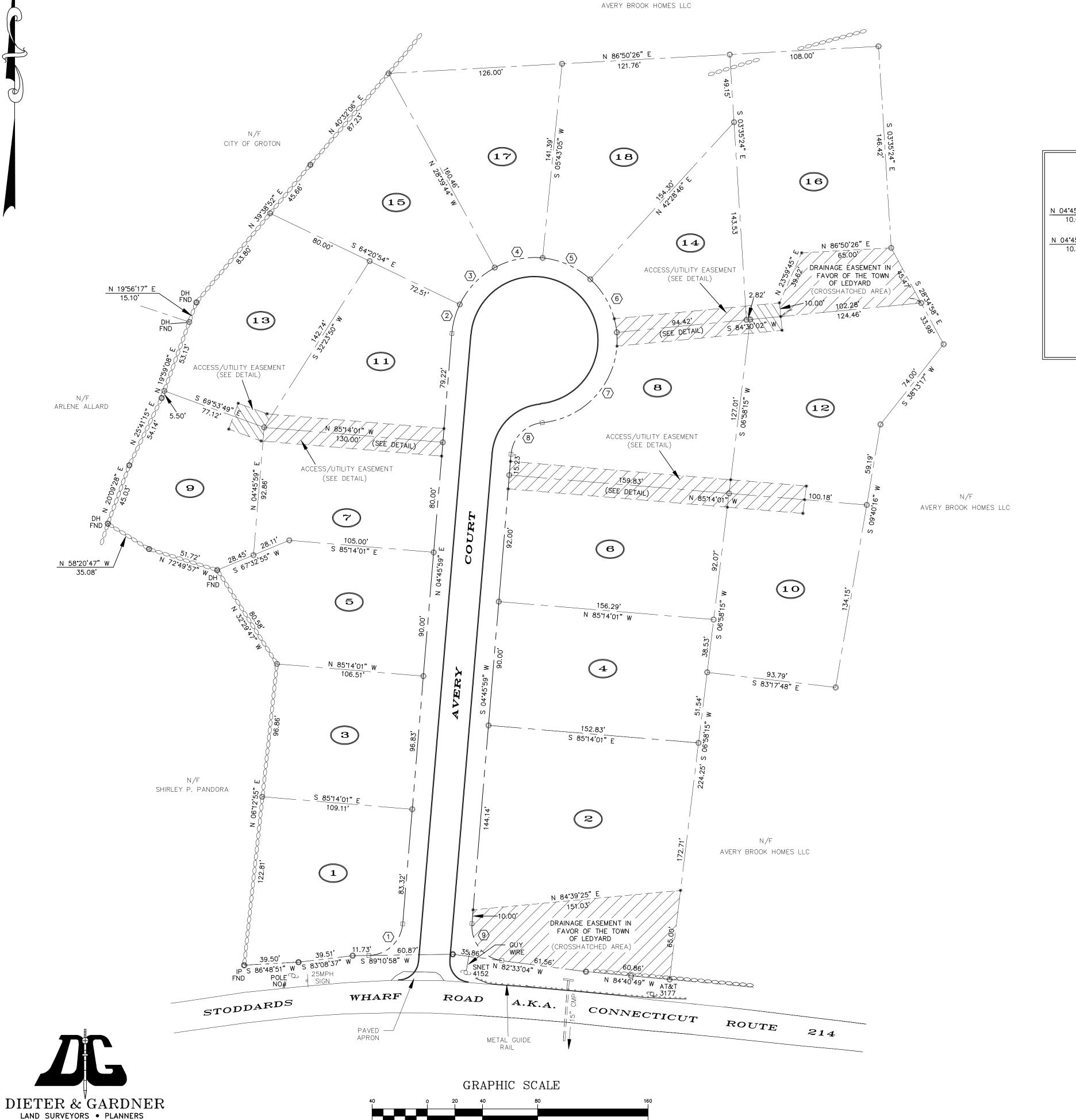
GALES FERRY, CT. 06335

(860) 464-7455

EMAIL: DIETER.GARDNER@YAHOO.COM

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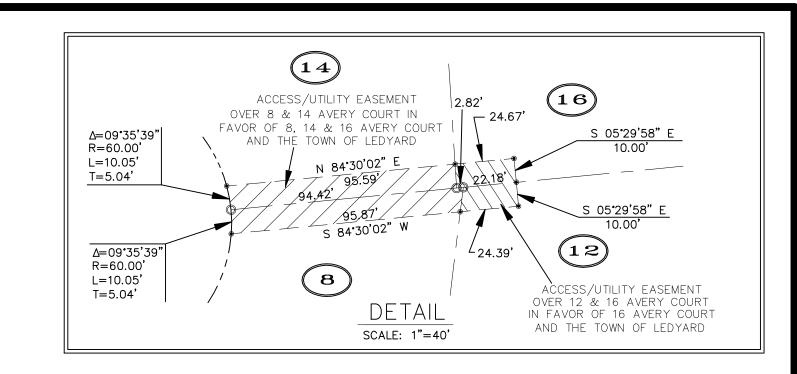
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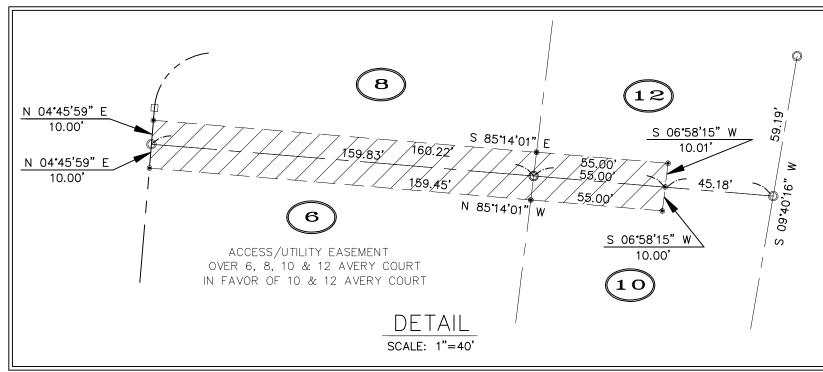


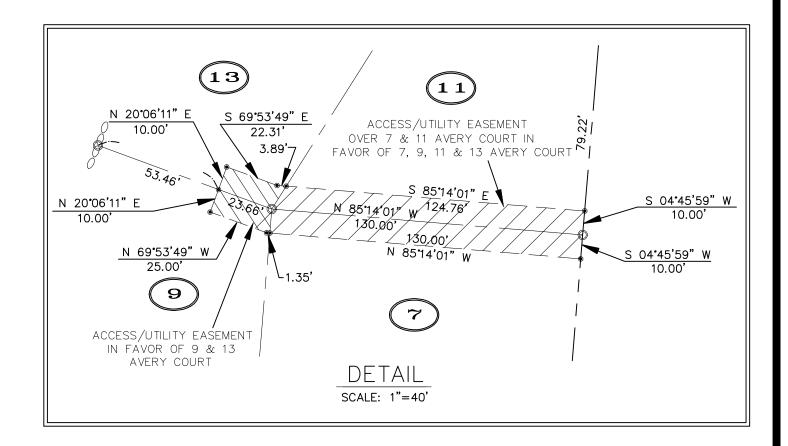
(IN FEET)

1 inch = 40 ft.

N/F







CURVE #	Δ	R	L	T	
1	84°24'59"	25.00'	36.83'	22.68'	
2	20°53'07"	60.00'	21.87'	11.06'	
3	35°41'10"	60.00'	37.37'	19.31'	
4	34°22'48"	60.00'	36.00'	18.56'	
5	36°45'41"	60.00'	38.50'	19.94'	
6	42°01'16"	60.00'	44.00'	23.04	
7	90°06'06"	60.00'	94.35'	60.11'	
8	79°50'09"	25.00'	34.83'	20.92'	
9	87°19'03"	25.00'	38.10'	23.86'	

PLAN SHOWING
RESUBDIVISION
PROPERTY OF

AVERY BROOK HOMES LLC

96, 98 & 100 STODDARDS WHARF ROAD
A.K.A.

CONNECTICUT ROUTE 214
LEDYARD, CONNECTICUT

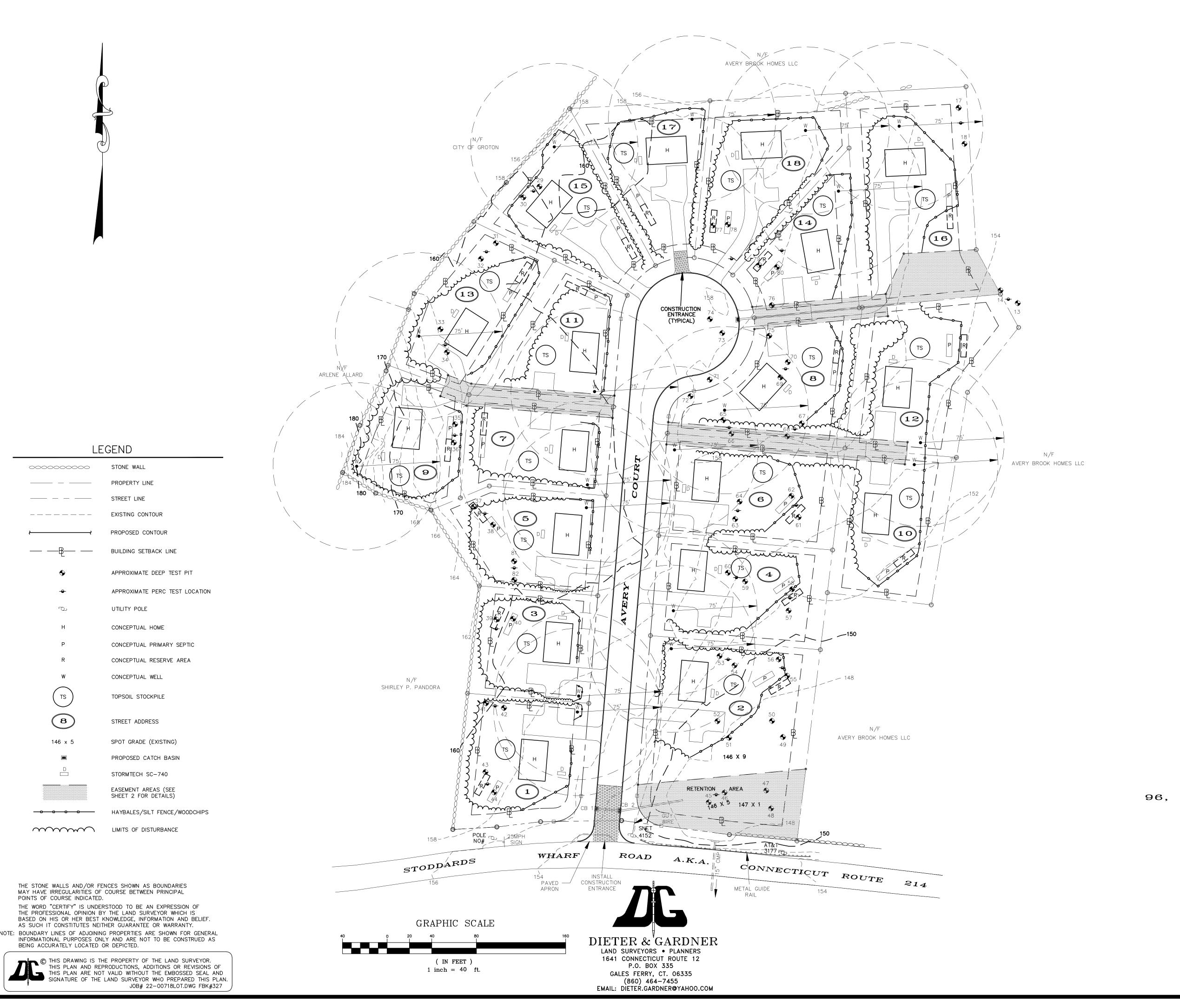
SCALE: 1"=40'
MARCH 2024

SHEET 2 OF 8

THIS MAP AND SURVEY HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300B-1 THROUGH 20-300B-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES-"MINIMUM STANDARDS OF ACCURACY, CONTENT AND CERTIFICATION FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT", ADOPTED EFFECTIVE JUNE 21, 1996, REVISED OCTOBER 26, 2018. IT IS A BOUNDARY SURVEY BASED ON A DEPENDENT RESURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS A-2.
TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

TITLE: LAND SURVEYOR CT No. 14208

DATE: MARCH 25, 2024



APPROVED BY THE LEDYARD PLANNING AND ZONING COMMISSION AS TO THE COMPLIANCE WITH THE REGULATIONS GOVERNING THE SUBDIVISION OF LAND.

ALL IMPROVEMENTS SHALL BE COMPLETED BY DATE

CHAIRMAN OR SECRETARY DATE

EROSION AND SEDIMENT CONTROL PLAN CERTIFIED BY VOTE OF —
THE LEDYARD PLANNING AND ZONING COMMISSION ON DATE

LOT NUMBERS ASSIGNED BY THE ASSESSOR

ASSESSOR DATE

IWWC APPLICATION#

APPROVED,

NO PERMIT NECESSARY. (NOT WITHIN A REGULATED AREA: NO REGULATED ACTIVITY PROPOSED AT THIS TIME.)

WETLANDS OFFICER DATE

APPROVED BY THE DIRECTOR OF PUBLIC WORKS OR THE TOWN ENGINEER FOR PUBLIC WAY LAYOUT.

PUBLIC WORKS DIRECTOR/TOWN ENGINEER DATE

EROSION AND SEDIMENT CONTROL PLAN CERTIFIED BY VOTE OF THE LEDYARD PLANNING AND ZONING COMMISSION

CHAIRMAN OR SECRETARY OF THE LEDYARD PLANNING AND ZONING COMMISSION DATE

PLAN SHOWING
RESUBDIVISION
PROPERTY OF

AVERY BROOK HOMES LLC

96, 98 & 100 STODDARDS WHARF ROAD
A.K.A.

CONNECTICUT ROUTE 214
LEDYARD, CONNECTICUT
SCALE: 1"=40'

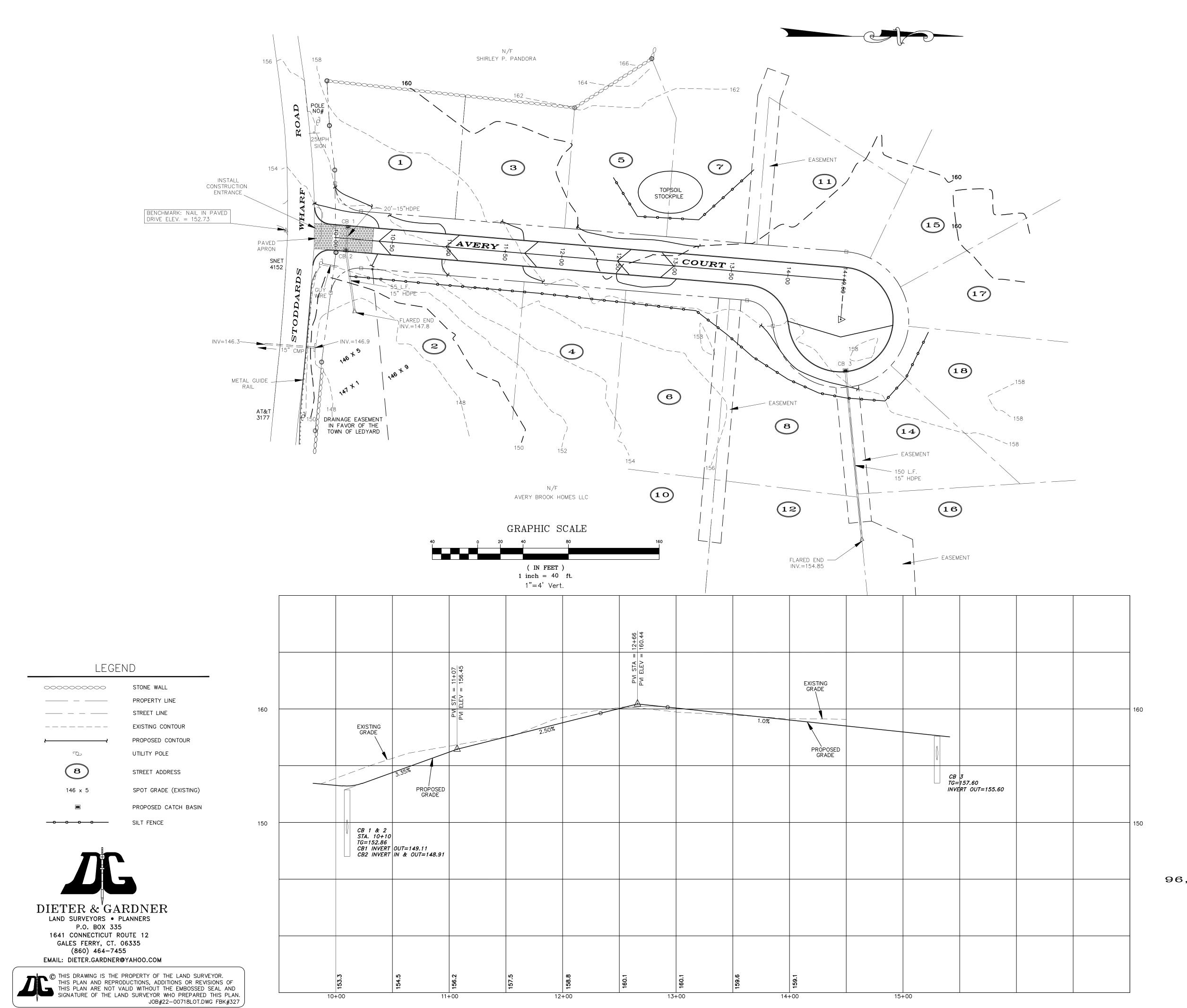
MARCH 2024

SHEET 3 OF 8

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DATE: MARCH 25, 2024



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PLAN / PROFILE
RESUBDIVISION

PROPERTY OF

96, 98 & 100 STODDARDS WHARF ROAD

AVERY BROOK HOMES LLC

A.K.A.

CONNECTICUT ROUTE 214
LEDYARD, CONNECTICUT
SCALE: 1"=40' HORIZ.

1"=4' VERT.

MARCH 2024

SHEET 4 OF 8

	WITH THE REGULATIONS GOVERNI	
ALL IMPRO	VEMENTS SHALL BE COMPLETED BY	DATE
CHAIR	MAN OR SECRETARY	DATE
EROSION A	ND SEDIMENT CONTROL PLAN CERT	IFIED BY VOTE OF -
THE LEDYA	RD PLANNING AND ZONING COMMIS	SION ON DATE
LOT NUMBE	ERS ASSIGNED BY THE ASSESSOR	
	ASSESSOR	DATE
IWWC	APPLICATION#	
	APPROVED,	
X	NO PERMIT NECESSARY. (NOT	WITHIN A REGULATED AREA)
	NOT APPLICABLE AT THIS TIMI NO REGULATED ACTIVITY PROF	
WETLAND	S OFFICER	DATE
	BY THE DIRECTOR OF PUBLIC WOR	KS OR THE TOWN ENGINEER
PUBLIC WO	RKS DIRECTOR/TOWN ENGINEER	DATE

CHAIRMAN OR SECRETARY OF THE LEDYARD PLANNING

AND ZONING COMMISSION

DATE

NO WATER NO LEDGE 0-11" TOPSOIL 11-37" BROWN FINE TO MED. SANDY LOAM 37-89" TAN TO GRAY MED. TO FINE SAND W/GRAVEL AND COBBLES NO MOTTLING NO WATER NO LEDGE 9-29" YELLOW TO BROWN FINE SANDY LOAM 29-103" TAN TO OLIVE MED. TO COARSE SAND W/GRAVEL AND COBBLES NO MOTTLING NO WATER NO LEDGE TP 29 0-12" TOPSOIL 12-32" BROWN FINE TO MED. SANDY LOAM 32-99" TAN TO GRAY MED. TO FINE SAND W/ GRAVEL AND COBBLES NO MOTTLING NO WATER NO LEDGE 12-34" BROWN FINE SANDY LOAM (DEPTH VARIES) 34-98" TAN TO MED. TO FINE SAND W/GRAVEL AND GRAVEL, STRATIFIED NO MOTTLING NO WATER NO LEDGE 7-31" YELLOW TO BROWN FINE TO VERY FINE SANDY LOAM 31-100" TAN FINE TO MED. SAND W/GRAVEL AND COBBLES NO MOTTLING NO WATER NO LEDGE 0-8" TOPSOIL 8-34" BROWN FINE SANDY LOAM 34-82" TAN TO GRAY MED. TO FINE SAND W/GRAVEL AND COBBLES NO LEDGE 10-34" BROWN FINE SANDY LOAM 34-75" TAN TO GRAY MED. TO FINE SAND W/GRAVEL AND COBBLES NO MOTTLING NO WATER NO LEDGE 0-12" TOPSOIL
12-44" YELLOW TO BROWN FINE TO VERY FINE SANDY LOAM 44-89" TAN TO BROWN MED. SAND W/GRAVEL AND COBBLES NO LEDGE 0-9" TOPSOIL 9-21" BROWN FINE SANDY LOAM 21-47" TAN TO BROWN MED. SAND W/GRAVEL, FEW COBBLES 47—110" TAN TO BROWN, MED. SAND W/GRAVEL, FEW COBBLES NO MOTTLING NO WATER NO LEDGE TP 36 0-8" TOPSOIL 8-34" BROWN FINE SANDY LOAM 34-94" TAN TO GRAY MED. TO FINE SAND W/GRAVEL AND COBBLES NO MOTTLING NO WATER NO LEDGE 0-9" TOPSOIL 9-39" LIGHT BROWN TO TAN, FINE TO VERY FINE, SANDY LOAM 39-100" LIGHT TAN FINE TO MED. SAND W/GRAVEL AND COBBLES NO WATER NO LEDGE TP 38 0-8" TOPSOIL 8-34" BROWN FINE SANDY LOAM 34-90" TAN TO GRAY MED. TO FINE SAND W/GRAVEL AND COBBLES NO MOTTLING NO WATER NO LEDGE

WITNESSED AND RECORDED BY WENDY BROWN-ARNOLD RS,/REHS AND ALEX WILBOUR LEDGE LIGHT HEALTH DISTRICT ON 5/2/22, 5/5/22 AND 5/23/2022 AND WENDY BROWN-ARNOLD RS,/REHS ON JUNE 14, 2022.

DEEP TEST PIT DATA TP 13 0-13" TOPSOIL 13-25" BROWN FINE TO MED. SANDY LOAM TP 53 0-13" TOPSOIL 0-5" TOPSOIL 5-41" LIGHT BROWN FINE SANDY LOAM 41-83" TAN TO MED. SAND W/ 13-32" BROWN FINE TO MED. SANDY LOAM 25-91" TAN TO BROWN MED. TO COARSE SAND AND W/GRAVEL AND COBBLES GRAVEL, SOME COBBLES GRAVEL AND COBBLES 32-92" BROWN TO TAN COARSE TO 83"-104" OLIVE TO BROWN FINE SAND, SOME GRAVEL MED. SAND W/GRAVEL AND MANY COBBLES NO MOTTLING NO WATER NO LEDGE NO MOTTLING NO MOTTLING NO WATER NO WATER NO LEDGE NO LEDGE 0-8" TOPSOIL 8-26" BROWN FINE TO MED. SANDY LOAM TP 54 0-11" TOPSOIL 11-32" BROWN FINE TO VERY FINE SANDY LOAM 26-91" TAN MED. TO FINE SAND/GRAVEL AND COBBLES NO MOTTLING

TP 40
0-8" TOPSOIL
8-32" BROWN FINE TO MED. SANDY LOAM
32-58" TAN TO GRAY SILT WITH
PATCHY ORANGE REDOX INCONSISTENT AROUND 32-95" BROWN TO TAN COARSE TO MED. SAND W/GRAVEL AND SOME COBBLES 58-99" TAN TO GRAY MED, TO FINE SAND NO MOTTLING W/GRAVEL AND COBBLES NO MOTTLING NO WATER NO WATER NO LEDGE NO LEDGE

0-9" TOPSOIL TP 55 0-14" TOPSOIL 9-29" BROWN FINE TO MED. SANDY LOAM 29-52" TAN TO GRAY SILT FINE SAND, STAINED 52-101" TAN TO GRAY, FINE TO MED. SAND 14-22" BROWN FINE TO VERY FINE SANDY LOAM NO MOTTLING W/GRAVEL AND COBBLES NO MOTTLING NO WATER NO LEDGE

NO LEDGE

NO LEDGE

NO MOTTLING NO WATER

NO MOTTLING NO WATER

NO MOTTLING NO WATER

NO MOTTLING NO WATER

NO LEDGE

NO LEDGE

NO LEDGE

5-14" LIGHT BROWN FINE TO VERY FINE SANDY LOAM 14-50" ORANGE TO GRAY SILT, STAINED 50-105" TAN TO BROWN FINE TO MED. NO MOTTLING

SAND W/GRAVEL AND COBBLES NO WATER NO LEDGE

TP 43 0-8" TOPSOIL 8-33" BROWN FINE SANDY LOAM 33-45" TAN TO GRAY SILT INCONSISTENT AROUND HOLE 45-83" TAN TO MED. TO FINE SAND W/GRAVEL AND COBBLES

NO MOTTLING

NO WATER

NO WATER

WATER @ 96"

POSSIBLE MOTTLING @ 52"

NO LEDGE

NO LEDGE TP 44 0-6" TOPSOIL 6-14" BROWN FINE TO MED. SANDY LOAM 14-42" TAN TO GRAY SILT INCONSISTENT AROUND HOLE 42-102" TAN TO GRAY MED. TO FINE NO MOTTLING

TP 45 0-13" TOPSOIL 13"-23 BROWN FINE TO VERY FINE SANDY LOAM 23-37" GRAY TO TAN VERY FINE SAND W/SILT 37-93" BROWN TO GRAY COARSE SAND W/ GRAVEL AND SOME COBBLES MOTTLING @ 37" NO WATER NO LEDGE

15-39" GRAY TO TAN VERY FINE SANDY W/SILT 39-51" GRAY FINE TO MED. SAND W/SILT & HEAVILY MOTTLED THROUGHOUT 51-108" BROWN TO TAN COARSE SAND W/ GRAVEL AND SOME COBBLES OLD FILTER FABRIC AND GRAVEL @ 20" WATER @ 96" NO LEDGE

0-10" TOPSOIL 10-22" BROWN FINE TO MED. SANDY LOAM W/SILT 22-41" LIGHT BROWN TO ORANGE SILTY LOAM, TRACE FINE SAND 41-98" BROWN TO GRAY COARSE SAND W/GRAVEL AND SOME COBBLES NO MOTTLING

NO LEDGE TP 48 0-10" TOPSOIL 10-28" BROWN FINE TO VERY FINE SANDY LOAM TO SILT 28-106" BROWN TO GRAY MED. TO COARSE SAND W/GRAVEL AND COBBLES

NO MOTTLING NO WATER-WET AT BOTTOM NO LEDGE TP 49 0-10" TOPSOIL 10-24" BROWN FINE TO VERY FINE SANDY LOAM 24-52" LIGHT YELLOW TO BROWN VERY FINE SAND W/SILT 52-99" BROWN TO GRAY COARSE SAND WITH GRAVEL, FEW COBBLES

NO LEDGE 0-10" TOPSOIL 10-24" BROWN FINE TO VERY FINE SANDY LOAM 24-41" LIGHT YELLOW TO TAN VERY FINE SAND, W/SILT

41-111" TAN TO BROWN COARSE SAND W/GRAVEL AND SOME COBBLES NO MOTTLING WATER @ 106" NO LEDGE TP 51 0-10" TOPSOIL

10-20" LIGHT BROWN FINE TO VERY FINE SANDY LOAM 20-42" LIGHT YELLOW TO BROWN VERY FINE SAND W/TRACE SILT 42-101" BROWN TO TAN COARSE SAND WITH GRAVEL, SOME COBBLES NO MOTTLING NO WATER NO LEDGE

NO MOTTLING NO WATER

NO LEDGE

TP 52 0-13" TOPSOIL 13-38" BROWN FINE TO VERY FINE SANDY LOAM 38-90" BROWN TO TAN COARSE TO MED. SAND WITH SOME GRAVEL AND COBBLES

22-37" LIGHT BROWN FINE TO VERY FINE SAND W/SILT 37-110" TAN MED. SAND W/GRAVEL, FEW COBBLES NO WATER NO LEDGE

0-15" TOPSOIL 15-43" LIGHT BROWN SILT LOAM ,SOME FINE SAND 43-110" TAN MED. SAND SOME GRAVEL FEW COBBLES NO MOTTLING NO WATER

8-27" LIGHT BROWN FINE TO VERY FINE SANDY LOAM 27-104" TAN TO BROWN MED. TO COARSE SAND W/GRAVEL, SOME COBBLES NO MOTTLING NO WATER

TP 58 0-12" TOPSOIL 12"-32" LIGHT BROWN FINE TO VERY FINE SANDY LOAM 32-98" TAN TO BROWN MED. TO COARSE SAND WITH GRAVEL, SOME COBBLES NO MOTTLING

NO WATER NO LEDGE 11-23" BROWN FINE TO VERY FINE SANDY LOAM 23-93" BROWN TO TAN COARSE TO MED. SAND W/GRAVEL AND COBBLES

NO LEDGE TP 60
0-10" TOPSOIL
10-23" BROWN FINE TO VERY FINE SANDY LOAM 23-97" BROWN TO TAN COARSE TO MED. SAND WITH GRAVEL AND COBBLES

NO WATER NO LEDGE

0-8" TOPSOIL 8-28" BROWN VERY FINE SANDY LOAM 28-99" TAN TO BROWN COARSE SAND W/GRAVEL AND COBBLES NO MOTTLING NO WATER

NO LEDGE TP 62 0-9" TOPSOIL

9-24" LIGHT BROWN VERY FINE SANDY LOAM 24-96" BROWN TO TAN COARSE TO MED. SAND W/GRAVEL AND COBBLES NO MOTTLING NO WATER

NO LEDGE 0-8" TOPSOIL 8-26" BROWN FINE TO MED. SANDY LOAM 26-91" BROWN TO TAN COARSE TO MED. SAND, W/GRAVEL AND COBBLES

TP 64 0-10" TOPSOIL 10-31" BROWN FINE SANDY LOAM

31-91" BROWN TO TAN COARSE TO MED. SAND W/SOME SILT GRAVEL AND COBBLES NO MOTTLING NO WATER NO LEDGE

TP 65 0-13" TOPSOIL 13-30" LIGHT BROWN FINE TO VERY FINE SANDY LOAM 30-100" TAN TO BROWN COARSE SAND WITH GRAVEL AND COBBLES

0-10" TOPSOIL 10-28" BROWN FINE SANDY LOAM 28-90" TAN TO GRAY MED. TO COARSE SAND W/SOME GRAVEL

0-12" TOPSOIL
12-33" BROWN FINE TO MED. SANDY LOAM 14-25" LIGHT BROWN FINE TO VERY FINE SANDY LOAM 25-108" TAN TO BROWN MED. TO COARSE SAND W/GRAVEL AND COBBLES 33-95" TAN TO GRAY MED. TO FINE SAND W/GRAVEL AND COBBLES NO MOTTLING

NO WATER

NO LEDGE

NO MOTTLING

9-18" TOPSOIL

NO MOTTLING

NO WATER

NO LEDGE

TP 82 0-9" SAND AND GRAVEL FILL

18-52" LIGHT BROWN FINE TO VERY FINE

SANDY LOAM, SOME SILT

52-101" TAN TO BROWN FINE TO MED.

SAND, SOME GRAVEL

NO WATER

NO LEDGE

TP 68 0-11" TOPSOIL TP 81 0-13" TOPSOIL 13-40" BROWN FINE TO MED. SANDY LOAM 40-96" TAN TO GRAY MED. SAND W/GRAVEL AND COBBLES 11-29" BROWN FINE TO MED. SANDY LOAM 29-80" TAN TO GRAY MED. TO COARSE SAND W/GRAVEL AND COBBLES

NO MOTTLING NO WATER NO LEDGE

NO MOTTLING

NO WATER

NO LEDGE

TP 69 0-12" TOPSOIL 12-36" YELLOW TAN FINE TO VERY FINE SANDY LOAM 36-93" TAN TO BROWN MED. TO FINE SAND W/GRAVEL, SOME COBBLES

NO WATER NO LEDGE

0-14" TOPSOIL 14-36" BROWN FINE TO MED. SANDY LOAM 36-91" TAN MED. TO FINE SAND W/GRAVEL AND COBBLES NO MOTTLING NO WATER

NO LEDGE 0-8" TOPSOIL 8-36" BROWN FINE TO MED. SANDY LOAM 36-96" TAN TO GRAY MED. TO FINE SAND W/ GRAVEL AND COBBLES

NO MOTTLING NO WATER NO LEDGE

TP 72 0-8" TOPSOIL 8-32" BROWN FINE TO MED. SANDY LOAM 32-91" TAN TO GRAY MED. TO FINE SAND W/GRAVEL AND COBBLES

NO MOTTLING NO WATER NO LEDGE

TP 73 0-13" TOPSOIL 13-28" BROWN FINE SANDY LOAM 28-37" YELLOW TAN FINE TO VERY FINE SANDY LOAM 37-90" TAN TO BROWN FINE TO MED. SAND W/GRAVEL AND COBBLES NO MOTTLING NO WATER NO LEDGE

6-39" BROWN FINE SANDY LOAM 39-99" TAN TO BROWN FINE TO MED. SAND W/GRAVEL AND COBBLES

NO WATER

TP 75 0-10" TOPSOIL 10-29" LIGHT BROWN FINE SANDY LOAM 29-96" TAN TO OLIVE/BROWN FINE TO MED. SAND W/GRAVEL AND COBBLES

NO MOTTLING NO WATER NO LEDGE

TP 76 0-10" TOPSOIL 10-34" LIGHT BROWN FINE SANDY LOAM 34-96" TAN TO OLIVE/BROWN FINE TO MED. SAND W/GRAVEL AND COBBLES STRATIFIED

NO MOTTLING NO WATER NO LEDGE

TP 77 0-11" TOPSOIL 11-36" BROWN FINE TO MED. SANDY LOAM 36-101" BROWN TO TAN MED. TO FINE SAND WITH GRAVEL AND COBBLES

NO MOTTLING NO WATER NO LEDGE

0-15" TOPSOIL 15-46" BROWN FINE TO MED. SANDY LOAM 46-106" BROWN TO TAN MED. FINE SAND W/ SOME GRAVEL

NO MOTTLING NO WATER NO LEDGE

TP 79
0-11" TOPSOIL
11-38" BROWN FINE TO MED. SANDY LOAM
" TO OPAY MED. TO FINE 38-90" TAN TO GRAY MED. TO FINE SAND WITH GRAVEL AND COBBLES

NO MOTTLING NO WATER NO LEDGE

PLAN SHOWING DEEP TEST PIT DATA RESUBDIVISION PROPERTY OF

AVERY BROOK HOMES LLC 96, 98 & 100 STODDARDS WHARF ROAD A.K.A.

> CONNECTICUT ROUTE 214 LEDYARD, CONNECTICUT MARCH 2024

DIETER & GARDNER LAND SURVEYORS • PLANNERS 1641 CONNECTICUT ROUTE 12 P.O. BOX 335 GALES FERRY, CT. 06335

(860) 464-7455

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SHEET 5 OF 8

		PERCOLATION TES	STS PERFORMED ON MAY 26 & 27,	JUNE 3 AND JUNE 10, 2022 BY DIE	TER & GARDNER, INC. (JODY TERRY A	ND MATT EMILYTA)	
1 AVERY COURT	1 AVERY COURT	2 AVERY COURT	2 AVERY COURT	2 AVERY COURT	3 AVERY COURT	4 AVERY COURT	4 AVERY COURT
29" DEEP TIME READING 8: 43 5" 8: 48 10 3/4" 8: 53 15" 8: 58 17 1/2" 9: 03 19 1/2" 9: 08 21" 9: 13 22" 9: 18 23" 9: 23 23 3/4" 9: 28 24 1/2" 9: 33 25 1/2" PERC RATE: 1"/5 MINS.	26" DEEP TIME READING 8: 40 5 1/2" 8: 45 9 1/2" 8: 50 11 1/2" 8: 55 14" 9: 00 15 1/2" 9: 05 16 1/2" 9: 10 17 3/4" 9: 15 18 1/2" 9: 20 19 1/2" 9: 25 20 1/2" 9: 30 21 1/2" PERC RATE: 1"/5 MINS.	28" DEEP TIME READING 1: 38 5" 1: 43 11" 1: 48 13 1/2" 1: 53 16" 1: 58 18" 2: 03 19" 2: 08 20 1/8" 2: 13 21 1/2" 2: 18 22 1/2" 2: 23 23 1/2" 2: 28 24 1/2" PERC RATE: 1"/5 MINS.	29" DEEP TIME READING 1:50 4 1/4" 1:55 11 7/8" 2:00 15 1/2" 2:05 18" 2:10 21" 2:15 23" 2:20 25" 2:25 27" 2:30 28 7/8" 2:35 DRY	30" DEEP TIME READING 1: 30 2 1/2" 1: 35 9 1/2" 1: 40 13 1/2" 1: 45 15" 1: 50 17 1/2" 1: 55 20" 2: 00 21 1/2" 2: 05 22 1/2" 2: 10 23 1/2" 2: 15 24 1/2" PERC RATE: 1"/5 MINS.	30" DEEP TIME READING 8: 41 4" 8: 46 8 1/4" 8: 51 10 1/4" 8: 56 12 1/2" 9: 01 15" 9: 06 17" 9: 11 18" 9: 16 19" 9: 21 20" 9: 26 21" 9: 31 22" PERC RATE: 1"/5 MINS.	29" DEEP TIME READING 10: 49 3" 10: 54 11" 10: 59 15" 11: 04 18 1/2" 11: 09 20 1/2" 11: 14 22" 11: 19 23 1/2" 11: 24 25" 11: 29 26 1/2" PERC RATE: 1"/3.3 MINS.	30" DEEP TIME READING 1: 27 2 1/2" 1: 32 8 1/4" 1: 37 13" 1: 42 15 1/2" 1: 47 18" 1: 52 19 1/2" 1: 57 21 1/2" 2: 02 23" 2: 07 24 1/2" 2: 12 26" PERC RATE: 1"/3.3 MINS.
5 AVERY COURT 28" DEEP TIME READING 10: 37 3" 10: 42 6 3/4" 10: 47 9 1/4" 10: 52 12 1/2" 10: 57 15" 11: 02 17" 11: 07 19" 11: 12 20" 11: 17 21" 11: 22 22 1/8" 11: 27 23 1/8" PERC RATE: 1"/5 MINS.	5 AVERY COURT 27" DEEP TIME READING 8: 48 2" 8: 53 9" 8: 58 14" 9: 03 18" 9: 08 20" 9: 13 22" 9: 18 23" 9: 23 24" 9: 28 25" 9: 33 26" 9: 38 DRY PERC RATE: 1"/5 MINS.	6 AVERY COURT 30" DEEP TIME READING 10:18 2 1/2" 10:23 12" 10:28 15 1/2" 10:33 19 1/2" 10:38 21" 10:43 22 1/2" 10:48 24" 10:53 25" 10:58 25 3/4" 11:03 26 3/4" PERC RATE: 1"/6 MINS.	6 AVERY COURT 29" DEEP TIME READING 11: 46 3" 11: 51 6 1/2" 11: 56 9" 12: 01 12" 12: 06 13 1/2" 12: 11 14 1/2" 12: 16 16" 12: 21 17 1/2" 12: 26 18 1/2" 12: 31 19 1/2" 12: 36 20 1/2" PERC RATE: 1"/5 MINS.	6 AVERY COURT 30" DEEP TIME READING 11: 43 3 1/2" 11: 48 8" 11: 53 10" 10: 58 13" 12: 03 14 1/2" 12: 08 16" 12: 13 17" 12: 18 18 1/2" 12: 23 20" 12: 28 21" PERC RATE: 1"/5 MINS.	8 AVERY COURT 28" DEEP TIME READING 10:15 3" 10:20 11 1/2" 10:25 16 1/2" 10:30 21" 10:35 24" 10:40 25 1/2" 10:45 27" 10:50 DRY	9 AVERY COURT 28" DEEP TIME READING 10: 45 3" 10: 50 12" 10: 55 14 1/4" 11: 00 15 1/4" 11: 10 19 1/4" 11: 15 21" 11: 20 22 1/4" 11: 25 23 1/4" 11: 30 24 1/2" 11: 35 25 3/4" PERC RATE: 1"/4 MINS.	
13 AVERY COURT 30" DEEP TIME READING 10: 41 9" 10: 46 12 1/2" 10: 51 15" 10: 56 17" 11: 01 19" 11: 06 19 1/2" 11: 11 20 1/2" 11: 16 21 1/2" 11: 21 22 1/2" 11: 26 23 1/2"	13 AVERY COURT 30" DEEP TIME READING 10: 39 7" 10: 44 11" 10: 49 15" 10: 54 19 1/2" 10: 59 20 1/2" 11: 04 22" 11: 09 23" 11: 14 24" 11: 19 25" 11: 24 25 3/4"	14 AVERY COURT 29" DEEP TIME READING 11: 45 3" 11: 50 7 3/4" 11: 55 11 1/2" 12: 00 13 3/4" 12: 05 16" 12: 10 18" 12: 15 20" 12: 20 21" 12: 25 22 1/4" 12: 30 23 1/2" 12: 35 25"	15 AVERY COURT 32" DEEP TIME READING 11: 24 3 1/2" 11: 29 17 1/2" 11: 34 21" 11: 39 23 1/2" 11: 44 25 1/2" 11: 49 27 1/2" 11: 54 29" 11: 59 30 1/2" 12: 04 DRY	18 AVERY COURT 29" DEEP TIME READING 11: 45 3" 11: 50 7 3/4" 11: 55 11 1/2" 12: 00 13 3/4" 12: 05 16" 12: 10 18" 12: 15 20" 12: 20 21" 12: 25 22 1/4" 12: 30 23 1/2" 12: 35 25"			

PERC RATE: 1"/3.3 MINS. PERC RATE: 1"/4 MINS.

	DATE
CHAIRMAN OR SECRETARY	DATE
EROSION AND SEDIMENT CONTROL PLAN CERTIFIED	BY VOTE OF -
THE LEDYARD PLANNING AND ZONING COMMISSION	ON DATE
LOT NUMBERS ASSIGNED BY THE ASSESSOR	
ASSESSOR	DATE
IWWC APPLICATION#	
APPROVED,	
NO PERMIT NECESSARY. (NOT WITH NOT APPLICABLE AT THIS TIME. (W NO REGULATED ACTIVITY PROPOSE	VITHIN A REGULATED ARE
WETLANDS OFFICER	DATE
APPROVED BY THE DIRECTOR OF PUBLIC WORKS O	OR THE TOWN ENGINEER
FOR PUBLIC WAY LAYOUT.	
	DATE

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PERC RATE: 1"/5 MINS. PERC RATE: 1"/6.7 MINS. PERC RATE: 1"/4 MINS.



SANITARY DESIGN CRITERIA

- A. ALL PRIMARY AND SEPTIC SYSTEM DESIGNS ARE LAYED OUT FOR THREE—BEDROOM HOMES. NO TUBS OVER 100 GALLONS IN SIZE OR GARBAGE DISPOSAL INTO SEPTIC SYSTEM PLANNED.
- B. THREE BEDROOM HOMES AT A PERC RATE OF 10.0 MIN/INCH OR LESS REQUIRES 495 S.F. OF EFFECTIVE LEACHING AREA.
- C. GST 6236 LEACHING SYSTEM SELECTED FOR LEACHING SYSTEM DESIGN.
 MINIMUM REQUIRED AREA IS 495 S.F.

6236 SYSTEM REQUIRES 20 L.F.

HF = HYDRAULIC FACTOR BASED ON

FF = FLOW FACTOR, 1.5 FOR THREE BEARDOWN HAME DEFICATION RESTRICTION PF = PERC FACTOR, 1.0 PERCOLATION RATE UP TO 10.0 MIN/INCH.

NOT

MLSS TABLE (NOT APPLICABLE)							
STREET ADDRESS	GRADIENT	RESTRICTION	HF	FF	PF	SYSTEM	
1	MLSS	NOT	APPLICABLE	1.5	1.0	20 L.F. GST 6236	
2	MLSS	NOT	APPLICABLE	1.5	1.0	20 L.F. GST 6236	
3	MLSS	NOT	APPLICABLE	1.5	1.0	20 L.F. GST 623	
4	MLSS	NOT	APPLICABLE	1.5	1.0	20 L.F. GST 623	
5	MLSS	NOT	APPLICABLE	1.5	1.0	20 L.F. GST 623	
6	MLSS	NOT	APPLICABLE	1.5	1.0	20 L.F. GST 623	
7	MLSS	NOT	APPLICABLE	1.5	1.0	20 L.F. GST 623	
8	MLSS	NOT	APPLICABLE	1.5	1.0	20 L.F. GST 623	
9	MLSS	NOT	APPLICABLE	1.5	1.0	20 L.F. GST 623	
10	MLSS	NOT	APPLICABLE	1.5	1.0	20 L.F. GST 623	
11	MLSS	NOT	APPLICABLE	1.5	1.0	40 L.F. GST 623	
12	MLSS	NOT	APPLICABLE	1.5	1.0	20 L.F. GST 623	
13	MLSS	NOT	APPLICABLE	1.5	1.0	20 L.F. GST 623	
14	MLSS	NOT	APPLICABLE	1.5	1.0	20 L.F. GST 623	
15	MLSS	NOT	APPLICABLE	1.5	1.0	20 L.F. GST 623	
16	MLSS	NOT	APPLICABLE	1.5	1.0	20 L.F. GST 623	
17	MLSS	NOT	APPLICABLE	1.5	1.0	20 L.F. GST 623	

APPLICABLE

1.5

PLAN SHOWING

PERCOLATION TEST DATA

AND

1.0

20 L.F. GST 6236

SEPTIC SYSTEM DESIGN CRITERIA

RESUBDIVISION

PROPERTY OF

AVERY BROOK HOMES LLC

96, 98 & 100 STODDARDS WHARF ROAD

A.K.A.

CONNECTICUT ROUTE 214

LEDYARD, CONNECTICUT

MARCH 2024

SHEET 6 OF 8

EROSION & SEDIMENT CONTROL PLAN

PURPOSE AND DESCRIPTION OF PROJECT:

THE PURPOSE OF THIS PROJECT IS TO SUBDIVIDE 6.38 ACRES OF LAND TO CREATE 18 RESIDENTIAL BUILDING LOTS. EACH LOT WILL BE SERVICED BY ON SITE WELL AND SEPTIC SYSTEM. APPROXIMATELY 510 LINEAR FEET OF ROAD WILL BE CONSTRUCTED. THE PAVEMENT WIDTH IS 22 FEET. THE TOTAL AREA OF NEW PAVEMENT ASSOCIATED WITH THE ROAD CONSTRUCTION WILL BE APPROXIMATELY 16.100 SQUARE FEET. ROAD DRAINAGE HAS BEEN DESIGNED BY A PROFESSIONAL ENGINEER, AND INCLUDES CURBED PAVEMENT AND CATCH BASINS WITH 2 FOOT SUMP DEPTHS. THE UPLANDS ARE GENTLY SLOPING AND MOSTLY OLD PASTURE. THE UPLAND SOILS ON THE PROJECT SITE INCLUDE WELL DRAINED CANTON HINCKLEY AND AGAWAM SOILS.

IT IS ANTICIPATED THAT ONCE WORK ON THE PUBLIC IMPROVEMENTS BEGINS, IT WILL CONTINUE UNTIL THE PROJECT IS COMPLETED. IT IS ANTICIPATED THAT THE ROAD CONSTRUCTION WILL BE COMPLETED WITHIN ONE YEAR OF

PETER GARDNER 860-464-7455 (OR OWNER AT TIME OF CONSTRUCTION) SHALL BE RESPONSIBLE FOR OVERSEEING THE INSTALLATION AND PROPER MAINTÈNANCE OF ANY EROSION & SEDIMENT CONTROL MEASURES EMPLOYED IN IMPLEMENTING

TOTAL AREA OF THE PROJECT SITE AND THE TOTAL AREA OF THE SITE THAT IS EXPECTED TO BE DISTURBED BY ROAD AND DRAINAGE CONSTRUCTION ACTIVITIES.

THE TOTAL PROJECT AREA IS 6.38 ACRES OF WHICH APPROXIMATELY 0.5± ACRES WILL BE DISTURBED TO FACILITATE THE CONSTRUCTION OF THE ROAD AND DRAINAGE. ESTIMATE OF TOTAL AREA TO BE DISTURBED APPROXIMATELY 2.5± ACRES FOR HOME/DRIVE AND SEPTIC CONSTRUCTION. PLANNED START AND COMPLETION DATES FOR THE PROJECT.

IT IS ANTICIPATED THAT THE PROJECT WILL COMMENCE DURING FALL OF 2024 AND BE COMPLETED IN THE FALL OF 2025.

DESIGN CRITERIA, CONSTRUCTION DETAILS AND MAINTENANCE PROGRAM FOR THE EROSION & SEDIMENT

<u>CONTROL MEASURES TO BE USED.</u> SILT FENCE AND SILT FENCE BACKED WITH HAY BALES FOR STRUCTURAL SUPPORT WILL BE USED. ALL SILT FENCE SEDIMENT BARRIERS SHALL BE MAINTAINED SUCH THAT SEDIMENTS WILL BE REMOVED WHEN REACHING A HEIGHT OF 0.5 FEET. BREACHES IN SILT FENCE SHALL BE REPAIRED IMMEDIATELY. THE SILT FENCE SHALL BE INSPECTED AT LEAST WEEKLY AND AFTER EACH RAINFALL OF 0.5 INCH IN A 24 HOUR PERIOD.

CONSTRUCTION ENTRANCE DESIGN AND MAINTENANCE CRITERIA FROM 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, ENTRANCE. THE CONSTRUCTION ENTRANCES WILL BE CONSTRUCTED OF ANGULAR STONE IN A SIZE AND GRADATION CORRESPONDING TO ASTM C-33, SIZE NO. 2 OR 3, OR DOT STANDARD SPECIFICATIONS SECTION M.01.01 SIZE #3. THE CONSTRUCTION ENTRANCE WILL BE 12 FEET WIDE AND 50 FEET LONG.

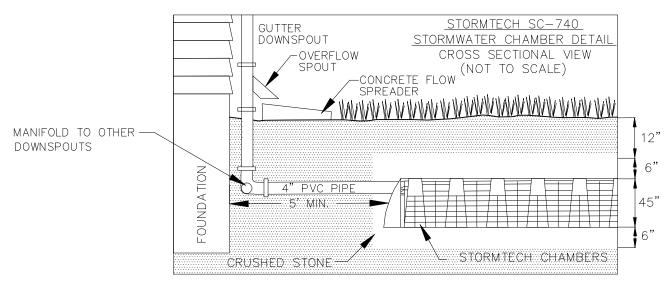
CONSTRUCTION: CONSTRUCTION ENTRANCE AREA WILL BE CLEARED AND GRUBBED. AREAS WILL THEN BE ROUGH GRADED. A 4-INCH LAYER OF CRUSHED STONE WILL BE SPREAD AS DEPICTED IN THE DETAILS.

MAINTENANCE: THE CONSTRUCTION ENTRANCE WILL BE MAINTAINED IN A CONDITION THAT WILL MITIGATE TRACKING AND WASHING OF SEDIMENT ONTO PAVED SURFACES. THE CONSTRUCTION ENTRANCE WILL BE TOP DRESSED AS NEEDED TO PROVIDE FUNCTIONALITY. ADDITIONAL LENGTH MAY BE ADDED IF ON-SITE CONDITIONS WARRANT SUCH EXTENSION. ANY ACCUMULATED OR SPILLED SEDIMENTS WILL BE CLEANED IMMEDIATELY, AND DISPOSED OF IN A MANNER WHICH IS CONSISTENT WITH THE INTENT OF THIS EROSION & SEDIMENT CONTROL PLAN.

STOCKPILE MANAGEMENT WILL BE DONE IN ACCORDANCE WITH THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL (CHAPTER 4). TOPSOIL STOCKPILES WILL BE LOCATED AS DEPICTED ON THE PLANS, AND WILL BE TREATED AS DISTURBED GROUND, I.E.: SURROUNDED BY SILT FENCE, AND SEEDED TO GRASS AFTER ALL THE TOPSOIL TO BE STRIPPED IS PLACED IN THE STOCKPILE. STOCKPILE SLOPES SHALL NOT EXCEED 2:1.

TOPSOILING SHALL TAKE PLACE AS AREAS ARE BROUGHT TO GRADE. THE TOPSOIL THAT SHALL BE SPREAD IS OF NATURAL ORIGIN AND WILL BE TAKEN FROM THE TOPSOIL STOCKPILE(S) REFERRED TO ABOVE. STONES LARGER THAN 2 INCHES IN DIAMETER AND OTHER DEBRIS WILL BE REMOVED FROM THE TOPSOIL WITH A RAKE. TOPSOIL SHALL BE SPREAD AT A MINIMUM DEPTH OF 4 INCHES OVER ALL DISTURBED AREAS. IN ORDER TO "BOND" THE TOPSOIL TO THE SUBSOIL, THE SUBGRADE WILL BE LOOSENED BY "TRACKING" WITH A BULLDOZER IMMEDIATELY BEFORE APPLYING TOPSOIL. TOPSOIL WILL NOT BE PLACED IF THE SUBGRADE OR THE TOPSOIL IS FROZEN OR TOO WET. HEAVY RUBBER-TIRED VEHICLES WILL BE EXCLUDED FROM THE NEWLY TOPSOILED AREAS TO PREVENT EXCESSIVE COMPACTION WHICH COULD HINDER SEED GERMINATION AND SEEDLING GROWTH.

HOMES WILL HAVE ROOF DRAINAGE TIE INTO STORMTECH SC-740 CHAMBER TO INFILTRATE 1" STORM



1. EXCAVATE A TRENCH 4"

A STRAW BALE

PACKING

STRAW -->

BARRIER.

3. WEDGE LOOSE STRAW

BETWEEN BALES TO

CREATE A CONTINUOUS

DEEP & THE WIDTE OF

- 1. PROVIDE STORMTECH CHAMBERS TO CAPTURE 1" RAINFALL FROM THE ROOF OF THE HOME. 2. KEEP ALL TRAFFIC OFF UNITS AFTER CONSTRUCTION.
- 3. INSTALL CHAMBERS IN ACCORDANCE WITH STORMTECH DESIGN MANUAL.

2. PLACE & STAKE STRAW

BALES, TWO STAKES

PER BALE.

COMPACTED BACKFILL

THE EXCAVATED SOIL ON

BARRIER TO PREVENT

THE UPHILL SIDE OF THE

JOB#22-00718LOT.DWG FBK#327

 $ROOF = 26' \times 36' = 936 \text{ S.f.}$ 936 S.F. X 0.083 = 77.68 C.F.

FLOW

CONSTRUCTION OF A STRAW BALE BARRIER

NOT TO SCALE

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26 HOUSES X 936 = 24,336 S.F24,336 S.F. X 0.083 = 2,020 C.F.

PERMANENT SEEDING WILL BE DONE AS DISTURBED AREAS ARE BROUGHT TO GRADE AND TOPSOILED AS LONG AS SUCH SEEDING IS DONE BETWEEN APRIL 1 AND JULY OR AUGUST 15 THROUGH OCTOBER 31. WITHIN 7 DAYS AFTER TOPSOIL IS APPLIED THE APPROPRIATE SEED MIX WILL BE BROADCAST AT THE PRESCRIBED RATE FOR THAT PARTICULAR MIX. THE SELECTED SEED MIX WILL BE FROM THE 2002 CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL, FIGURE PS-3. PRIOR TO SEEDING, FERTILIZER WILL BE APPLIED AT THE RATE OF 7.5 PER 1,000 SQUARE FEET (10-10-10 OR EQUIVALENT), AND GROUND LIMESTONE WILL BE APPLIED AT THE RATE OF 200 POUNDS PER 1,000 SQUARE FEET. THE LIME AND FERTILIZER WILL BE LIGHTLY WORKED TO A DEPTH OF 3 TO 4 INCHES. SEED SHALL BE APPLIED UNIFORMLY USING A CYCLONE SEEDER (HYDROSEEDING MAY BE USED IN LIEU OF CONVENTIONAL SEEDING METHODS.) HAY MULCH WILL BE APPLIED AT THE RATE OF 100 POUNDS (APPROXIMATELY 2 BALES) PER 1,000 SQUARE FEET. WHERE SLOPES EXCEED 10 PERCENT. JUTE NETTING SHALL BE USED TO ANCHOR THE HAY MULCH IN PLACE. ANY SUCH NETTING WILL BE INSTALLED TO MANUFACTURER'S RECOMMENDATIONS.

MAINTENANCE: THE SEEDBED WILL BE INSPECTED AT LEAST ONCE PER WEEK, AND WITHIN 24 HOURS OF A RAINFALL N AN AMOUNT EXCEEDING 0.5 INCHES IN 24 HOURS. IN ANY AREAS THAT SUSTAIN DAMAGE, THE TOPSOIL WILL BE REAPPLIED AND SMOOTHED, AND RESEEDED AS DESCRIBED ABOVE. THE NEWLY ESTABLISHED GRASS WILL NOT BE MOWN UNTIL IT REACHES A HEIGHT OF 6 INCHES. MOWING WILL NOT TAKE PLACE WHEN THE GROUND SURFACE IS WET. THE FIRST MOWING WILL TAKE 33 TO 50 PERCENT OF THE GRASS HEIGHT (I.E.: NOT BELOW 3 INCHES). MULCH MATERIALS WILL NOT BE REMOVED, BUT WILL BE ALLOWED TO DISINTEGRATE OVER TIME.

WHERE BARE GROUND NEEDS TO BE PROTECTED FOR RELATIVELY SHORT PERIODS, OR WHERE THE SEEDING SEASONS FOR PERMANENT SEEDINGS CAN NOT BE ADHERED TO, TEMPORARY SEEDING MAY BE USED. THE RECOMMENDED SEED MIX WILL VARY UPON CIRCUMSTANCES, BUT SHALL BE IN COMPLIANCE WITH THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, FIGURE TS-2, TEMPORARY SEEDING RATES AND DATES. WHERE THE SEASON PRECLUDES ANY TYPE OF SEEDING, AN ANCHORED MULCH WILL BE EMPLOYED TO PROTECT BARE SOIL AREAS.

CONSTRUCTION SEQUENCE. PRIOR TO THE COMMENCEMENT OF ANY EARTH DISTURBANCES, THE DEVELOPER AND HIS CONTRACTOR SHALL MEET WITH TOWN STAFF FOR A PRECONSTRUCTION CONFERENCE.

1) INSTALL CONSTRUCTION ENTRANCE AS SHOWN ON PLAN.

2) INSTALL EROSION AND SEDIMENT CONTROL.

- 3) STRIP TOPSOIL FROM THE ROADWAY AND STOCKPILE TOPSOIL ACCORDING TO THE PLAN. SEED STRIPPED AREAS THAT ARE NOT TO BE WORKED FOR 30 DAYS IMMEDIATELY WITH PERENNIAL RYEGRASS AT THE RATE OF 40 LBS./ACRE.
- 4) GRADE THE ROAD TO ATTAIN THE PLANNED SUBGRADE PROFILE AND GRADE SIDESLOPES TO PLAN.
- 5) APPLY TOPSOIL AND PERMANENT SEED MIX AND APPLY AND ANCHOR MULCH TO ALL FINISHED SLOPES. 6) INSTALL ALL DRAINAGE STARTING AT OUTFALLS AND PROCEEDING UPGRADIENT. THE CONTRACTOR WILL ENSURE THAT ADEQUATE PROTECTION IS PROVIDED AT THE OUTLETS OF THE DRAINAGE SYSTEM SO THAT SEDIMENTS WILL BE PREVENTED FROM MIGRATING OFF THE SITE. NO WATER WILL BE ALLOWED TO ENTER

THE DRAINAGE SYSTEM UNTIL THE OUTLETS ARE PROTECTED. ALL DRAINAGE COMPONENTS WILL BE CHECKED

7) PLACE, GRADE AND COMPACT THE SUBGRADE AGGREGATE TO ESTABLISH THE ROADWAY BASE. TOPSOIL AND GRADE ALL SLOPES/DISTURBED AREAS WITHIN 2 FEET OF THE OUTSIDE OF THE PROPOSED

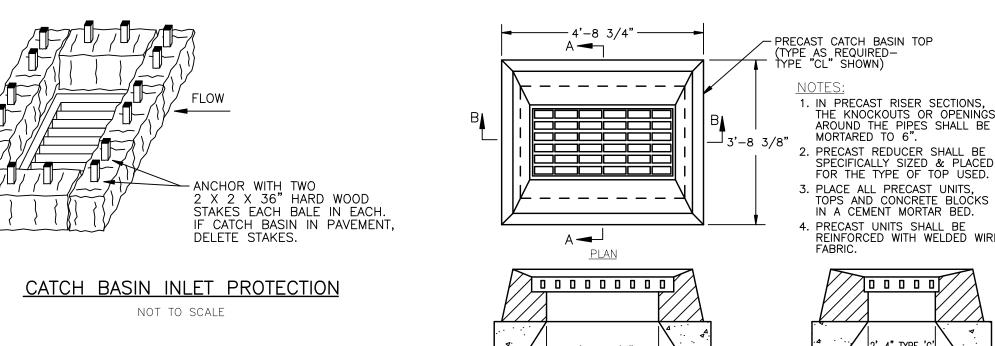
ON A REGULAR BASIS AND CLEANED AS NEEDED TO MAINTAIN PROPER FUNCTION.

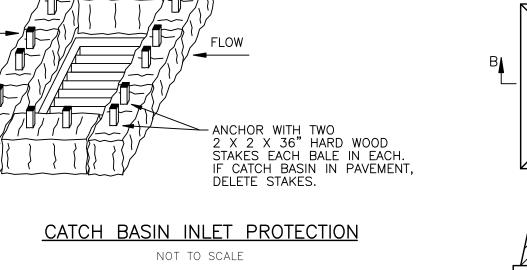
8) LAY DOWN FIRST COURSE OF BITUMINOUS PAVEMENT.

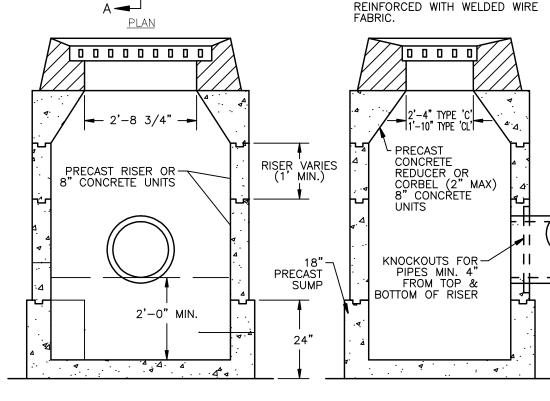
- 9) INSTALL CURBING.
- 10) APPLY TOP COURSE OF BITUMINOUS PAVEMENT.
- 11) REMOVE SILT FENCE AFTER TOPSOIL STABILIZED.
- DISPOSAL OF SEDIMENTS ANY SEDIMENT REMOVED FROM ANY EROSION AND SEDIMENT CONTROL MEASURE AS PART OF SITE MAINTENANCE SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH THE INTENT OF THIS PLAN. NO SEDIMENT SHALL BE DEPOSITED IN ANY WETLAND AREA.
- FIELD CHANGES IF FIELD MODIFICATIONS OF PLANNED MEASURES ARE NEEDED TO PROPERLY ADDRESS ANY EROSION OR SEDIMENTATION SITUATION, SUCH CHANGES MAY BE MADE ONLY AFTER NOTIFYING TOWN STAFF. ADDITIONAL NON-STRUCTURAL MEASURES MAY BE ADDED WITHOUT PRIOR NOTIFICATION.

STORMWATER SYSTEM OPERATION AND MAINTENANCE NOTES:

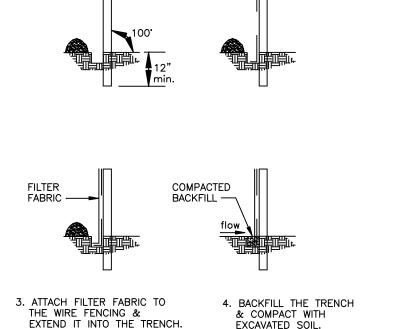
- -PROVIDE ANNUAL STREET SWEEPING, PREFERABLY AFTER FINAL SNOW MELT TO ALLEVIATE SEDIMENT BUILDUP IN CATCH BASIN SUMPS AND TO INSURE EFFICIENT TSS REMOVAL FROM STORMWATER
- REMOVE SEDIMENT FROM CATCH BASIN SUMPS WHEN SEDIMENT REACHES HALF THE DEPTH OF THE SUMP. -INSPECT CATCH BASINS FOR TRASH AND DEBRIS BI-ANNUALLY. REMOVE ACCUMULATED SEDIMENT AND DEBRIS FROM PIPE INLETS AND
- OUTLETS TO PREVENT CLOGGING - REMOVE ACCUMULATED TRASH AND LEAVES FROM CATCH BASIN GRATES TO INSURE ADEQUATE GRATE INFLOW CAPACITIES.







SECTION B-B SECTION A-A PRECAST CATCH BASIN NOT TO SCALE



2. STAPLE THE WIRE MESH FENCING TO

END POST.

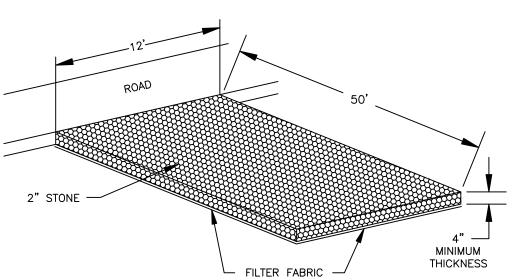
1. SET POSTS & EXCAVATE A 6" x 6" TRENCH. SET

POSTS DOWNSLOPE, ANGLE

UPSLOPE FOR STABILITY & SELF-CLEANING.

FILTER FABRIC SEDIMENT BARRIER

NOT TO SCALE

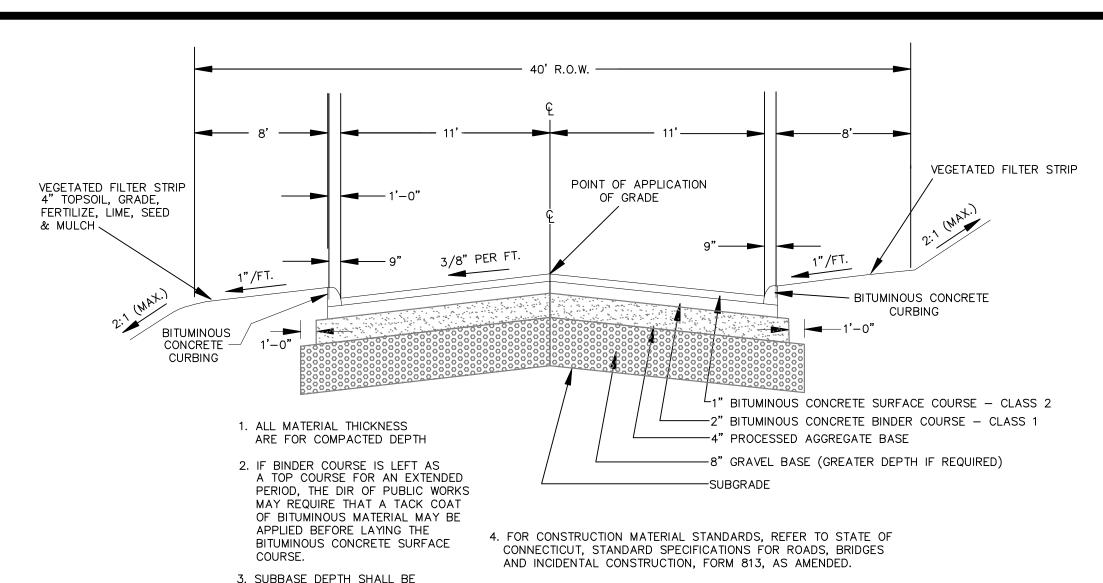


TEMPORARY CONSTRUCTION ENTRANCE NOT TO SCALE



DIETER & GARDNER LAND SURVEYORS • PLANNERS P.O. BOX 335

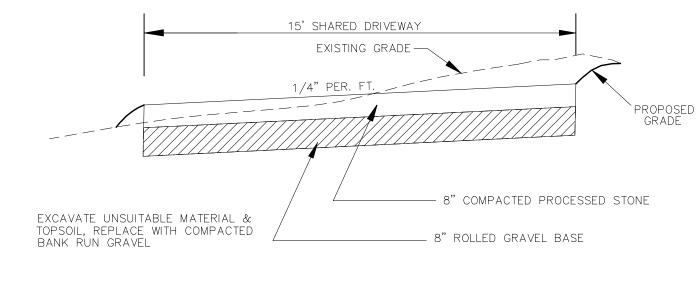
1641 CONNECTICUT ROUTE 12 GALES FERRY, CT. 06335 (860) 464-7455 EMAIL: DIETER.GARDNER@YAHOO.COM



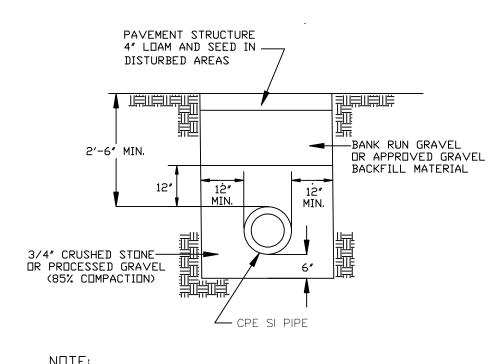
AVERY COURT CROSS SECTION (N.T.S.)

INCREASED TO 18" WHERE LEDGE

ROCK IS ENCOUNTERED.



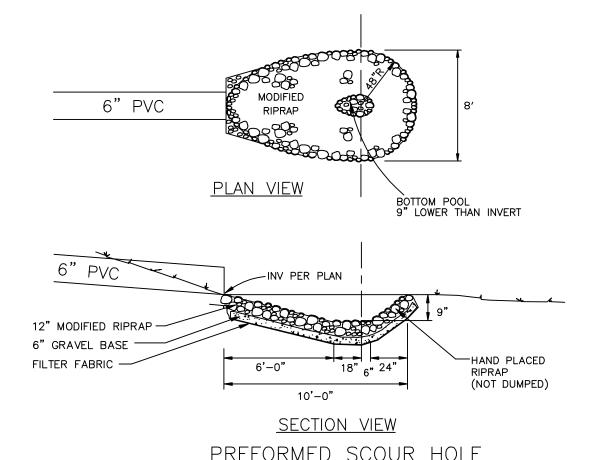
TYPICAL COMMON DRIVEWAY CROSS-SECTION NOT TO SCALE



WITHIN 12' OF PIPE SHALL BE REMOVED AND REPLACED WITH PIPE BEDDING. DRAINAGE PIPE TRENCH

NOT TO SCALE

1. IF PIPE IS PLACED IN OR ON LEDGE, ALL LEDGE



NOT TO SCALE

APPROVED BY THE LEDYARD PLANNING AND ZONING COMMISSION AS TO THE COMPLIANCE WITH THE REGULATIONS GOVERNING THE SUBDIVISION OF LAND. ALL IMPROVEMENTS SHALL BE COMPLETED BY CHAIRMAN OR SECRETARY EROSION AND SEDIMENT CONTROL PLAN CERTIFIED BY VOTE OF THE LEDYARD PLANNING AND ZONING COMMISSION ON LOT NUMBERS ASSIGNED BY THE ASSESSOR ASSESSOR DATE APPLICATION NO PERMIT NECESSARY. (NOT WITHIN A REGULATED AREA) NOT APPLICABLE AT THIS TIME. (WITHIN A REGULATED AREA; NO REGULATED ACTIVITY PROPOSED AT THIS TIME.) DATE WETLANDS OFFICER

APPROVED BY THE DIRECTOR OF PUBLIC WORKS OR THE TOWN ENGINEER

FOR PUBLIC WAY LAYOUT.

PUBLIC WORKS DIRECTOR/TOWN ENGINEER

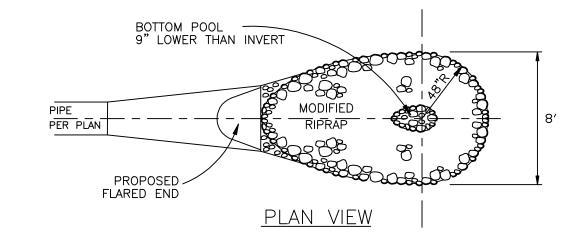


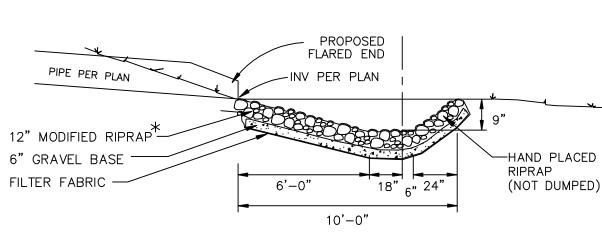
EROSION AND SEDIMENT CONTROL PLAN CERTIFIED BY VOTE

OF THE LEDYARD PLANNING AND ZONING COMMISSION

CHAIRMAN OR SECRETARY OF THE LEDYARD PLANNING

SIGN TO BE INSTALLED IN ACCORDANCE WITH STATE
OF CONNECTICUT D.O.T. STANDARDS STOP SIGN NOT TO SCALE





SECTION VIEW FE UNIT- USE MODIFIED RIPRAP (5")

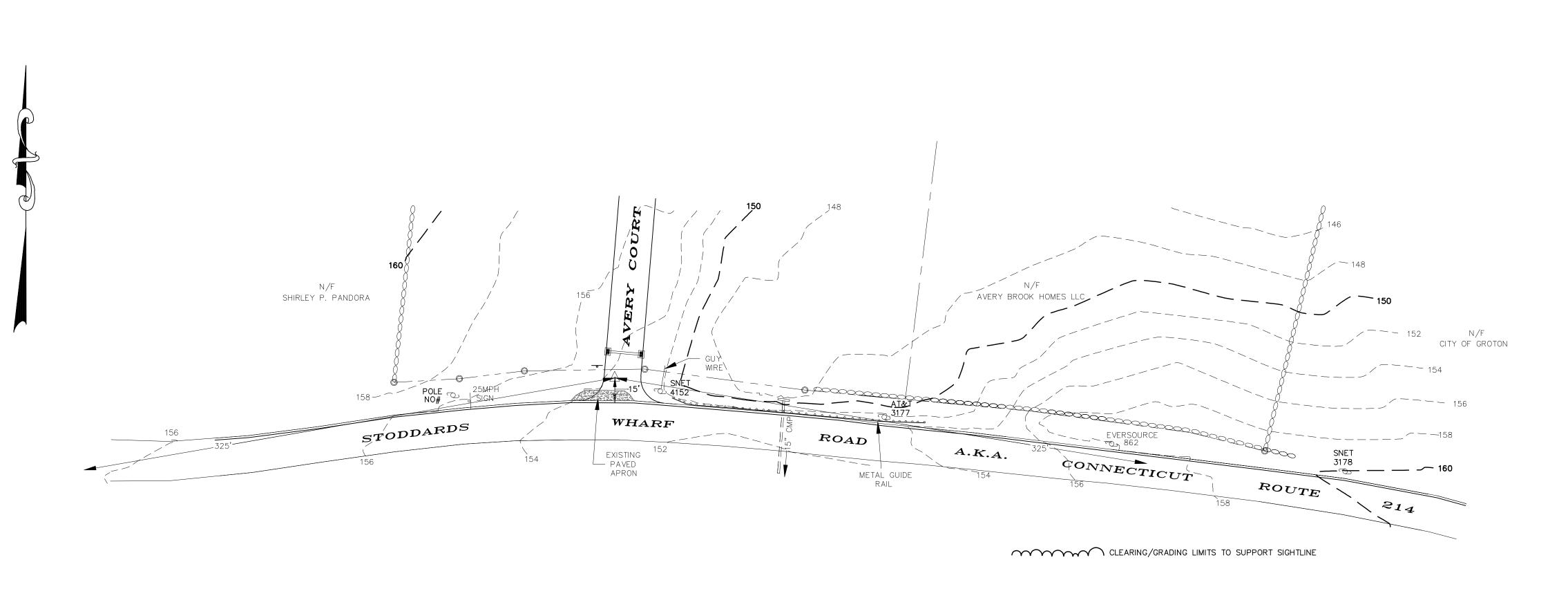
> PREFORMED SCOUR HOLE NOT TO SCALE FOR FLARED END UNIT

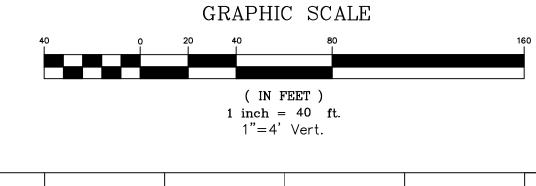
PLAN SHOWING EROSION AND SEDIMENT CONTROL NARRATIVE AND DETAILS AND

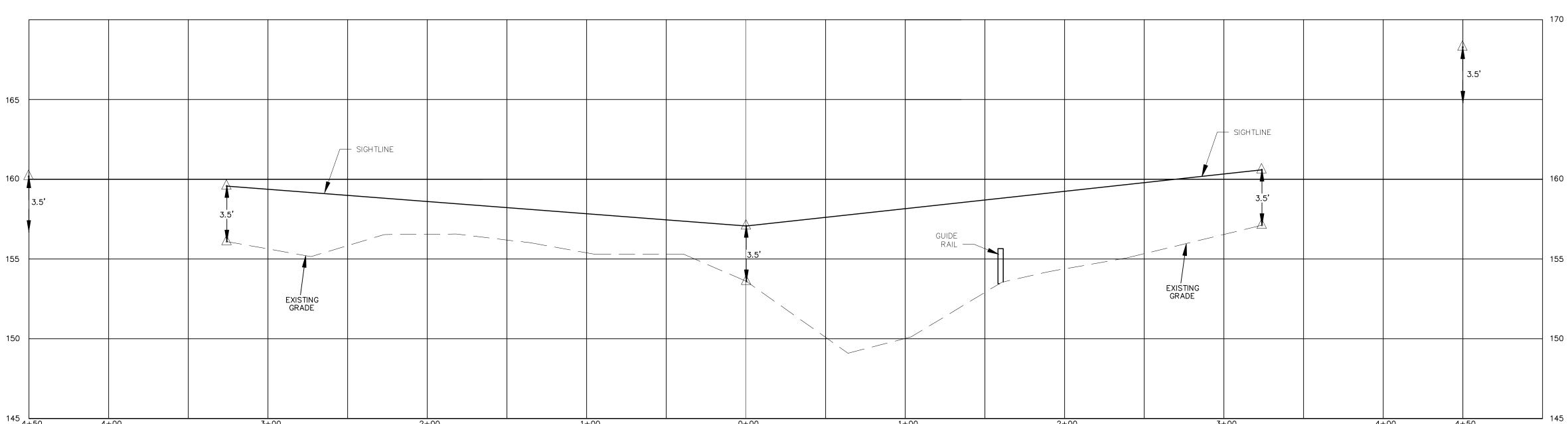
CONSTRUCTION DETAILS RESUBDIVISION PROPERTY OF AVERY BROOK HOMES LLC 96, 98 AND 100 STODDARDS WHARF ROAD A.K.A.

CONNECTICUT ROUTE 214 LEDYARD, CONNECTICUT MARCH 2024

SHEET 7 OF 8







LEGEND

STONE WALL

PROPERTY LINE

STREET LINE

EXISTING CONTOUR

PROPOSED CONTOUR

UTILITY POLE

DIETER & GARDNER
LAND SURVEYORS • PLANNERS
P.O. BOX 335
1641 CONNECTICUT ROUTE 12
GALES FERRY, CT. 06335
(860) 464-7455
EMAIL: DIETER.GARDNER@YAHOO.COM

SIGHTLINE
DEMONSTRATION PLAN
PROPERTY OF
AVERY BROOK HOMES LLC
STODDARDS WHARF ROAD
A.K.A.

CONNECTICUT ROUTE 214
LEDYARD, CONNECTICUT
SCALE: 1"=40' HORIZ.

APPROVED BY THE LEDYARD PLANNING AND ZONING COMMISSION AS TO THE COMPLIANCE WITH THE REGULATIONS GOVERNING THE SUBDIVISION OF LAND.

EROSION AND SEDIMENT CONTROL PLAN CERTIFIED BY VOTE OF -

NO PERMIT NECESSARY. (NOT WITHIN A REGULATED AREA)

APPROVED BY THE DIRECTOR OF PUBLIC WORKS OR THE TOWN ENGINEER

EROSION AND SEDIMENT CONTROL PLAN CERTIFIED BY VOTE

OF THE LEDYARD PLANNING AND ZONING COMMISSION

CHAIRMAN OR SECRETARY OF THE LEDYARD PLANNING

NOT APPLICABLE AT THIS TIME. (WITHIN A REGULATED AREA; NO REGULATED ACTIVITY PROPOSED AT THIS TIME.)

ALL IMPROVEMENTS SHALL BE COMPLETED BY ____

THE LEDYARD PLANNING AND ZONING COMMISSION ON

LOT NUMBERS ASSIGNED BY THE ASSESSOR

WETLANDS OFFICER

FOR PUBLIC WAY LAYOUT.

AND ZONING COMMISSION

PUBLIC WORKS DIRECTOR/TOWN ENGINEER

CHAIRMAN OR SECRETARY

1"=4' VERT.

MARCH 2024

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SIGNATURE OF THE LAND SURVEYOR WHO PREPARED THIS PLAN.
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