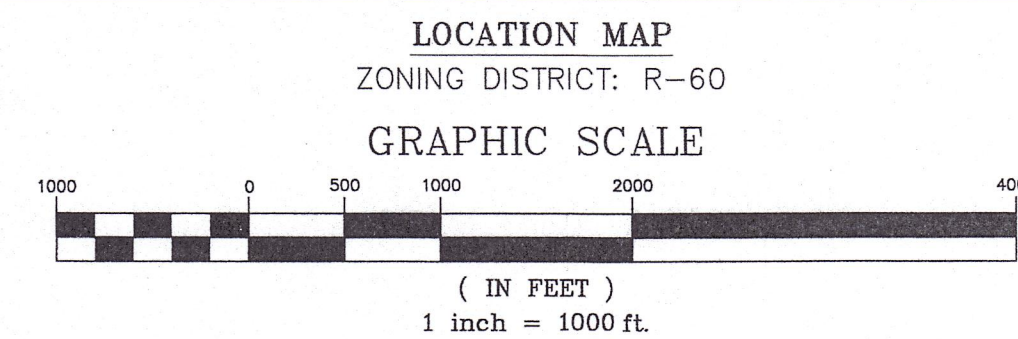
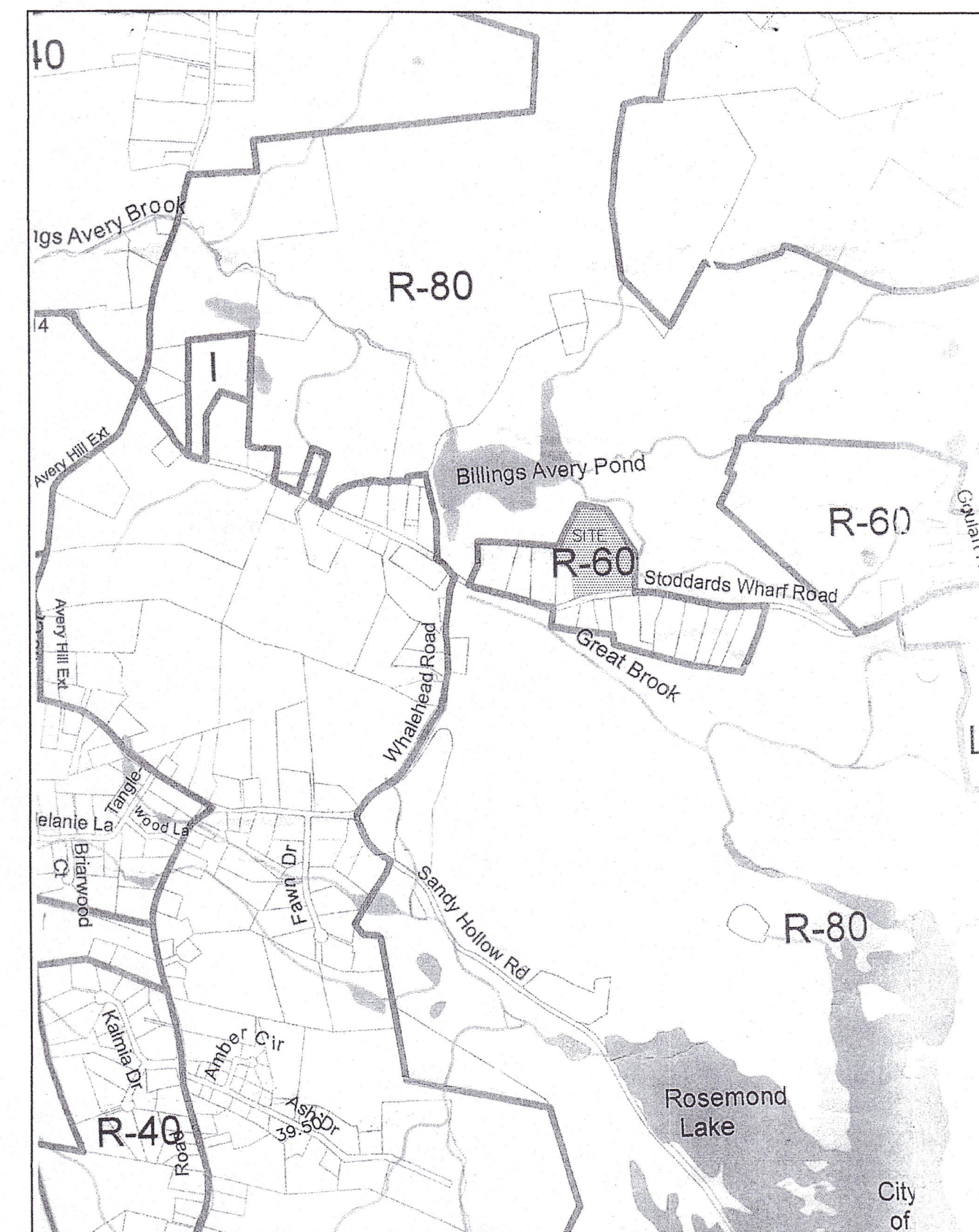




SHEET INDEX

- SHEET 1 - 100 SCALE BOUNDARY MAP; PARCEL HISTORY MAP; LOCATION MAP AND GENERAL NOTES
 SHEET 2 - 40 SCALE A-2 PLAN
 SHEET 3 - 40 SCALE CONCEPTUAL LAYOUT PLAN
 SHEET 4 - DEEP TEST PIT DATA
 SHEET 5 - PERCOLATION TEST RESULTS AND SEPTIC SYSTEM DESIGN CRITERIA
 SHEET 6 - CONSTRUCTION DETAILS; EROSION AND SEDIMENT CONTROL NARRATIVE AND DETAILS
 SHEET 7 - 40 SCALE SIGHTLINE DEMONSTRATION PLAN

PLAN SHOWING RESUBDIVISION 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 JULY 2022

TITLE: LAND SURVEYOR CT No. 14208
 DATE: JULY 7, 2022

GENERAL NOTES:

1. MAP REFERENCES:

- 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.

2. CALL BEFORE YOU DIG AT 1-800-922-4455 BEFORE ANY CONSTRUCTION ACTIVITY.

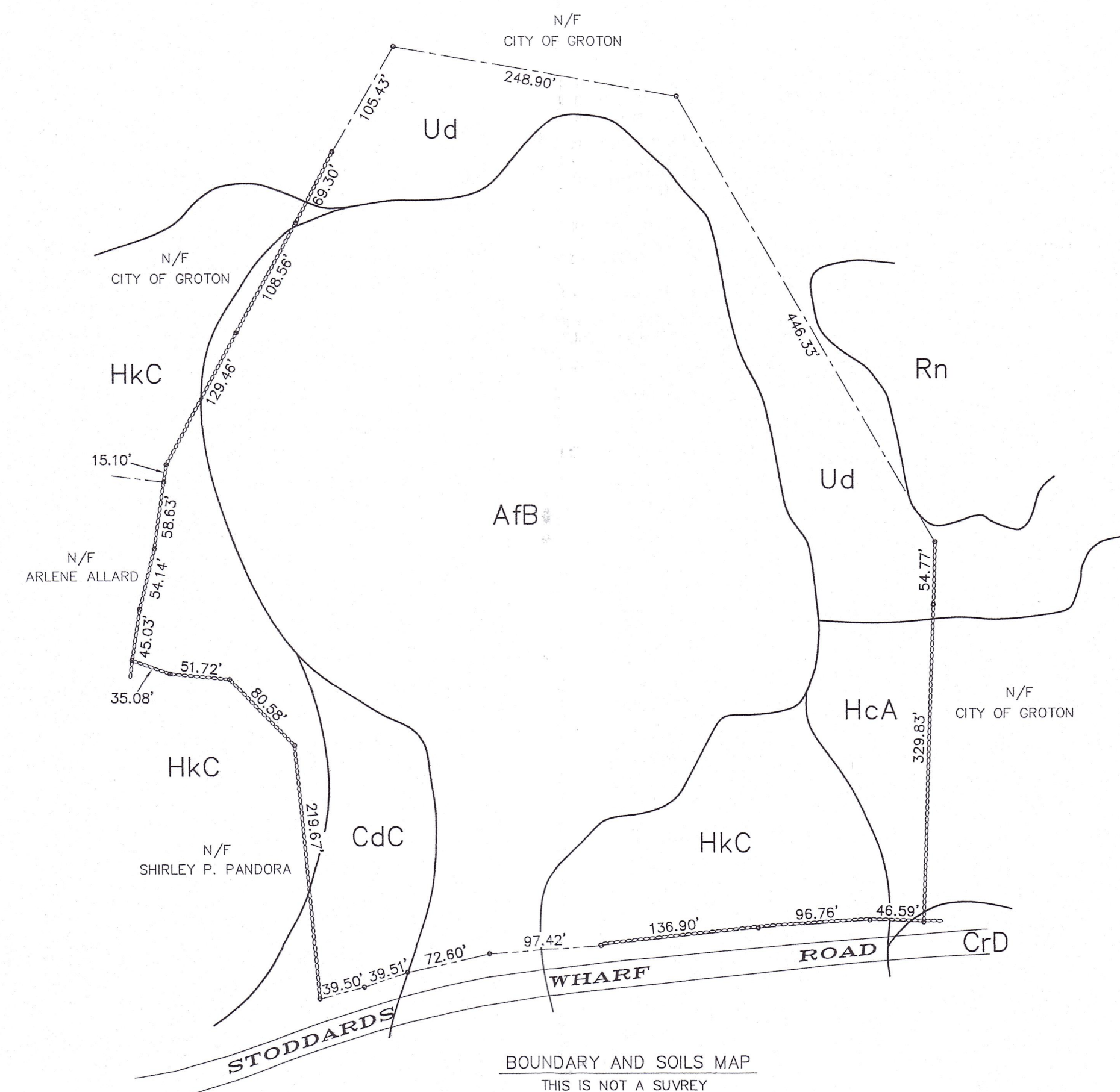
3. ELEVATIONS SHOWN HEREON ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM.

4. THIS SUBDIVISION WILL BE SERVED BY ON SITE WELLS AND ON SITE SEWAGE SYSTEMS.

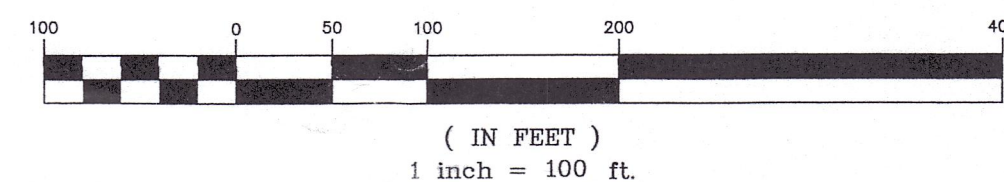
5. HOUSES, WELLS, DRIVEWAYS, SEWAGE DISPOSAL SYSTEMS AND EROSION/SEDIMENT SEDIMENT CONTROL MEASURES ARE SHOWN CONCEPTUALLY ONLY.

6. ZONING SETBACKS: LOTS SUBMITTED AS A SET-ASIDE DEVELOPMENT AS DEFINED IN CONNECTICUT GENERAL STATUTES SECTION 8-30g. MINIMUM FRONT YARD SETBACK 12' FROM COMMON DRIVE MINIMUM SIDE YARD SETBACK 6' MINIMUM REAR YARD SETBACK 15'

7. PASSIVE SOLAR TECHNIQUES AS PRESCRIBED BY LAW HAVE BEEN CONSIDERED IN THE DESIGN OF THIS SUBDIVISION.



BOUNDARY AND SOILS MAP THIS IS NOT A SURVEY TOTAL AREA = 9.21 ACRES GRAPHIC SCALE



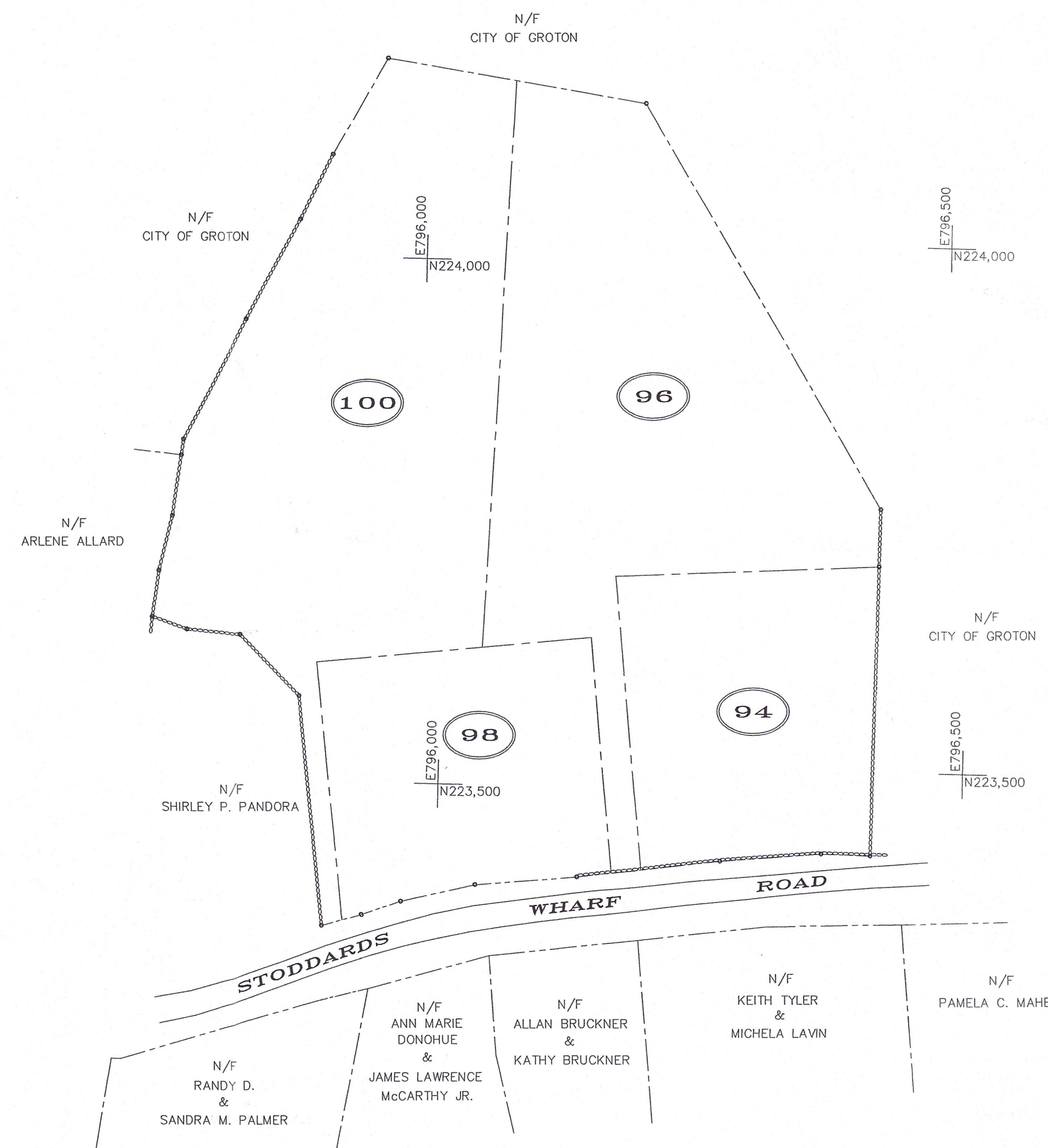
LEGEND

- STONE WALL
 PROPERTY LINE
 STREET LINE
 98 STREET NUMBER

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
 CrD - CHARLTON-HOLLIS FINE SANDY LOAMS, VERY ROCKY, 15 TO 45 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 - UDORTENTS-URBAN LAND COMPLEX

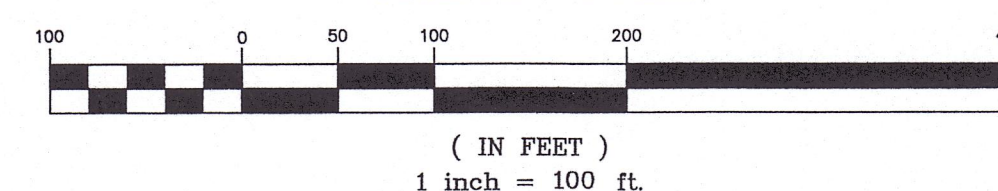
NOTE: BOUNDARY LINES OF ADJOINING PROPERTIES ARE SHOWN FOR GENERAL INFORMATION PURPOSES ONLY AND ARE NOT TO BE CONSTRUED AS BEING ACCURATELY LOCATED OR DEPICTED.



PARCEL HISTORY MAP THIS IS NOT A SURVEY

PARCEL HISTORY
 TOTAL AREA ON MARCH 22, 1962 = 9.21 ACRES
 TOTAL NUMBER OF LOTS CREATED FROM ORIGINAL TRACT = 4

GRAPHIC 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

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 _____

IWVC APPLICATION# _____

APPROVED, _____

NO PERMIT NECESSARY. (NOT WITHIN A REGULATED AREA)

NOT APPLICABLE AT THIS TIME. (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 _____

APPROVED BY THE ZONING ENFORCEMENT OFFICER OF THE LEDYARD PLANNING COMMISSION

ZONING ENFORCEMENT OFFICER _____ DATE _____

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# 22-007.DWG FBK#327

Revised
 RECEIVED
 AUG 29 2022
 LAND USE DEPARTMENT

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)

NOT APPLICABLE AT THIS TIME. (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. _____ DATE _____

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 _____

APPROVED BY THE ZONING ENFORCEMENT OFFICER OF THE LEDYARD PLANNING COMMISSION _____

ZONING ENFORCEMENT OFFICER _____ DATE _____

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

LEGEND

- STONE WALL
- PROPERTY LINE
- STREET LINE
- DH FND
- IP FND
- DRILL HOLE OR REBAR TO BE SET
- CURVE TABEL NUMBER
- UTILITY POLE
- WF 1
- EDGE OF WETLANDS & FLAG NUMBER
- ACCESS/UTILITY EASEMENT

I HAVE REVIEWED THE INLAND WETLANDS I DELINEATED AND I AM OF THE OPINION THAT THE WETLAND BOUNDARY IS SHOWN CORRECTLY ON THIS MAP.

IAN COLE
SOIL SCIENTIST

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# 22-007.DWG FBK#327

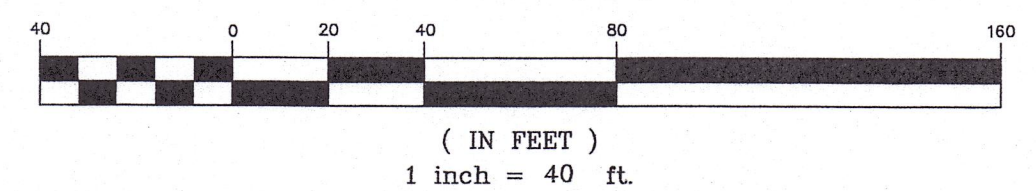


LOT NUMBER	TOTAL AREA
1	14,065 Sq. Ft. 0.32 ACRES
2	14,136 Sq. Ft. 0.32 ACRES
3	18,345 Sq. Ft. 0.42 ACRES
4	11,387 Sq. Ft. 0.26 ACRES
5	12,228 Sq. Ft. 0.28 ACRES
6	9,951 Sq. Ft. 0.23 ACRES
7	10,374 Sq. Ft. 0.24 ACRES
8	9,714 Sq. Ft. 0.22 ACRES
9	11,479 Sq. Ft. 0.26 ACRES
10	12,201 Sq. Ft. 0.28 ACRES
11	12,194 Sq. Ft. 0.28 ACRES
12	13,033 Sq. Ft. 0.30 ACRES
13	8,908 Sq. Ft. 0.20 ACRES
14	12,717 Sq. Ft. 0.29 ACRES
15	10,706 Sq. Ft. 0.25 ACRES
16	11,607 Sq. Ft. 0.27 ACRES
17	14,780 Sq. Ft. 0.34 ACRES
18	9,879 Sq. Ft. 0.23 ACRES
19	10,567 Sq. Ft. 0.24 ACRES
20	8,334 Sq. Ft. 0.19 ACRES
21	8,400 Sq. Ft. 0.19 ACRES
22	9,663 Sq. Ft. 0.22 ACRES
23	14,599 Sq. Ft. 0.35 ACRES
24	10,000 Sq. Ft. 0.23 ACRES
25	10,295 Sq. Ft. 0.24 ACRES
26	9,830 Sq. Ft. 0.23 ACRES
27	10,216 Sq. Ft. 0.23 ACRES
28	8,814 Sq. Ft. 0.20 ACRES
29	10,840 Sq. Ft. 0.25 ACRES
30	10,083 Sq. Ft. 0.23 ACRES
31	9,958 Sq. Ft. 0.23 ACRES
32	11,459 Sq. Ft. 0.26 ACRES
33	9,940 Sq. Ft. 0.23 ACRES
34	10,000 Sq. Ft. 0.23 ACRES
35	10,000 Sq. Ft. 0.23 ACRES
36	10,398 Sq. Ft. 0.24 ACRES

LOTS CURVE TABLE				
CURVE #	Δ	R	L	T
1	04°04'40"	110.00'	3.92'	7.83'
2	20°15'56"	110.00'	38.91'	19.66'
3	05°51'25"	110.00'	11.24'	5.63'
4	13°29'23"	110.00'	25.90'	13.01'
5	12°06'15"	110.00'	23.24'	11.66'
6	18°53'23"	110.00'	38.19'	19.29'
7	08°49'57"	110.00'	16.96'	8.50'
8	12°28'28"	110.00'	23.95'	12.02'
9	11°58'41"	110.00'	23.00'	11.54'
10	30°42'17"	130.00'	69.67'	35.69'
11	17°28'04"	130.00'	39.63'	19.97'
12	16°49'17"	130.00'	38.17'	19.22'
13	08°30'37"	130.00'	19.31'	9.67'
14	08°30'37"	130.00'	19.31'	9.67'
15	17°36'51"	130.00'	39.97'	20.14'
16	17°26'20"	130.00'	39.57'	19.94'
17	18°55'48"	130.00'	42.95'	21.67'
18	05°52'28"	130.00'	13.33'	6.67'
19	16°32'22"	110.00'	31.75'	15.99'

EASEMENT CURVE TABLE				
CURVE #	Δ	R	L	T
20	16°32'22"	90.00'	25.98'	13.08'
21	68°22'03"	110.00'	131.26'	74.71'
22	73°30'15"	110.00'	141.12'	82.15'
23	23°45'06"	90.00'	37.31'	18.93'
24	41°31'38"	90.00'	65.23'	34.12'
25	13°11'15"	130.00'	29.92'	15.03'
26	26°00'53"	130.00'	59.03'	30.03'
27	04°29'17"	130.00'	10.18'	5.09'
28	22°43'19"	90.00'	35.69'	18.08'
29	20°58'05"	90.00'	32.94'	16.65'
30	12°06'15"	130.00'	27.46'	13.78'
31	19°53'23"	130.00'	45.13'	22.79'
32	21°18'25"	130.00'	48.34'	24.45'
33	11°58'41"	130.00'	27.18'	13.64'
34	30°42'17"	150.00'	80.38'	41.18'
35	17°28'04"	150.00'	45.73'	23.04'
36	16°49'17"	150.00'	44.04'	22.18'
37	17°01'14"	150.00'	44.56'	22.45'
38	17°36'51"	150.00'	46.11'	23.24'
39	17°26'20"	150.00'	45.66'	23.01'
40	18°55'48"	150.00'	49.56'	25.01'
41	05°52'28"	150.00'	15.38'	7.70'

GRAPHIC SCALE



PLAN SHOWING
RESUBDIVISION
PROPERTY OF
AVERY BROOK HOMES LLC
94, 96, 98 AND 100
STODDARDS WHARF ROAD
A.K.A.
CONNECTICUT ROUTE 214
LEDYARD, CONNECTICUT
SCALE: 1"=40'
JULY 2022

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. IT IS A BOUNDARY SURVEY BASED ON A RESURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS A-2. TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

TITLE: LAND SURVEYOR CT No. 14208

DATE: JULY 7, 2022

SHEET 2 OF 7

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 _____

IFWC APPLICATION# _____

APPROVED, _____

NO PERMIT NECESSARY. (NOT WITHIN A REGULATED AREA)

NOT APPLICABLE AT THIS TIME. (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 _____

APPROVED BY THE ZONING ENFORCEMENT OFFICER OF THE LEDYARD PLANNING COMMISSION

ZONING ENFORCEMENT OFFICER _____ DATE _____

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 1
0-45" FILL-DISTURBED
LOAM, ROCKS, BRICK
NO MOTTLING
NO WATER
LEDGE @ 45"

TP 2
0-16" DISTURBED SOIL & FILL
16-50" LIGHT TAN FINE SAND
W/GRAVEL & ROCKS
NO MOTTLING
NO WATER
LEDGE @ 50"

TP 3
0-10" TOPSOIL
10-28" LIGHT BROWN FINE SANDY LOAM
28-87" LIGHT TAN FINE SAND W/GRAVEL
COBBLES, LARGE STONES
NO MOTTLING
NO WATER
NO LEDGE

TP 4
0-11" TOPSOIL
11-34" LIGHT BROWN FINE SANDY LOAM
34-90" LIGHT TAN/GRAY FINE SAND W/
GRAVEL, SOME COBBLES
MOTTLING @ 64"
WATER @ 80"
NO LEDGE

TP 5
0-16" TOPSOIL
16-45" LIGHT BROWN SILT LOAM, SOME FINE SAND
45-94" TAN/GRAY FINE TO MED. SAND W/
GRAVEL,
MOTTLING @ 33"?
WATER @ 33"
NO LEDGE

TP 6
0-9" TOPSOIL
9-37" BROWN FINE TO VERY FINE SANDY LOAM
37-84" TAN/GRAY FINE TO MED. SAND W/
GRAVEL, FEW COBBLES
MOTTLING @ 46"
WATER @ 50"
NO LEDGE

TP 7
0-7" TOPSOIL
7-30" BROWN FINE TO MED. SANDY LOAM
30-77" TAN COARSE SAND W/GRAVEL
AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 8
0-10" TOPSOIL
10-34" LIGHT BROWN FINE SANDY LOAM
34-64" ORANGE/TAN COARSE SAND
W/GRAVEL
64-95" TAN/GRAY FINE TO MED. SAND
MOTTLING @ 73"
WATER @ 83"
NO LEDGE

TP 9
0-15" TOPSOIL
15-31" BROWN FINE SANDY LOAM
31-96" TAN MED. TO COARSE SAND AND
GRAVEL, FEW COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 10
0-11" TOPSOIL
11-23" BROWN FINE SANDY LOAM
23-84" TAN TO GRAY MED. TO COARSE SAND W/
GRAVEL AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 11
0-11" TOPSOIL
11-34" BROWN FINE TO MED. SANDY LOAM
34-96" TAN TO GRAY MED. TO COARSE SAND W/
GRAVEL AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 12
0-12" TOPSOIL
12-29" BROWN FINE TO MED. SANDY LOAM
29-95" BROWN TO TAN MED. TO COARSE SAND W/
GRAVEL, SOME COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 13
0-13" TOPSOIL
13-25" BROWN FINE TO MED. SANDY LOAM
25-91" TAN TO GRAY MED. TO COARSE SAND AND
GRAVEL, SOME COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 14
0-8" TOPSOIL
8-26" BROWN FINE TO MED. SANDY LOAM
26-91" TAN MED. TO FINE SAND/GRAVEL
AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 15
0-10" TOPSOIL
10-39" BROWN FINE SANDY LOAM
39-99" TAN TO OLIVE MED. TO COARSE SAND/GRAVEL
AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 16
0-11" TOPSOIL
11-37" BROWN FINE TO MED. SANDY LOAM
37-96" TAN TO GRAY MED. TO FINE SAND W/GRAVEL
AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 17
0-11" TOPSOIL
0-7" TOPSOIL
7-39" 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

TP 18
0-9" TOPSOIL
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 19
0-14" TOPSOIL
14-36" BROWN FINE SANDY LOAM
W/SILT
36-84" TAN/GRAY COARSE SAND
W/GRAVEL
MOTTLING @ 40"
WATER @ 43"
NO LEDGE

TP 20
0-17" TOPSOIL
17-31" BROWN FINE SANDY LOAM
W/SILT
31-83" TAN/GRAY COARSE SAND
W/GRAVEL AND FEW COBBLES
MOTTLING @ 43"
WATER @ 46"
NO LEDGE

TP 21
0-17" SANDY FILL & DISTURBED
17-24" TOPSOIL
24-33" BROWN MED. SANDY LOAM
33-88" TAN/BROWN FINE MED. SAND
W/GRAVEL AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 22
0-19" FILL
19-32" TOPSOIL
32-53" BROWN MED. SANDY LOAM
53-103" TAN TO BROWN MED. TO FINE
SAND W/GRAVEL AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 23
0-17" SANDY FILL AND DISTURBED
17-24" TOPSOIL
24-33" BROWN MED. SANDY LOAM
33-88" TAN TO BROWN MED. SAND
W/GRAVEL AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 24
0-8" TOPSOIL
8-46" BROWN FINE TO MED. SANDY LOAM,
SOME COBBLES
46-92" TAN TO GRAY COARSE SAND
W/GRAVEL AND COBBLES
MOTTLING @ 60"
WATER 64" UPHILL, 32" DOWNHILL
NO LEDGE

TP 25
0-10" TOPSOIL
10-29" BROWN FINE TO MED. SANDY LOAM,
SOME SILT
29-75" BROWN TO GRAY MED. TO COARSE
SAND W/GRAVEL AND COBBLES
MOTTLING @ 33"
WATER 33", 30" DOWNHILL
NO LEDGE

TP 26
0-7" TOPSOIL
7-36" YELLOW TO BROWN FINE TO MED.
SILT LOAM W/TRACE FINE SAND
36-82" BROWN TO GRAY FINE TO MED.
SAND W/GRAVEL AND COBBLES, SOME SILT
MOTTLING @ 26"
WATER @ 26"
NO LEDGE

TP 27
0-11" TOPSOIL
11-24" BROWN FINE TO MED. SANDY LOAM
24-39" TAN FINE TO MED. SAND
39-87" TAN TO GRAY MED. TO FINE
SAND W/GRAVEL AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 28
0-12" TOPSOIL
12-32" LIGHT BROWN FINE TO MED. SANDY LOAM
32-96" LIGHT TAN FINE TO MED. SAND W/
GRAVEL AND COBBLES STRATIFIED
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

TP 30
0-12" TOPSOIL
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

TP 31
0-7" TOPSOIL
7-39" 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

TP 32
0-8" TOPSOIL
8-34" BROWN FINE SANDY LOAM
34-82" TAN TO GRAY MED. TO FINE SAND W/GRAVEL
AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 33
0-10" TOPSOIL
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

TP 34
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 MOTTLING
NO WATER
NO LEDGE

TP 35
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

TP 37
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 MOTTLING
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

TP 39
0-5" TOPSOIL
5-41" LIGHT BROWN FINE SANDY LOAM
41-83" TAN TO MED. SAND W/
GRAVEL AND COBBLES
83"-104" OLIVE TO BROWN FINE SAND,SOME GRAVEL
NO MOTTLING
NO WATER
NO LEDGE

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
HOLE
58-99" TAN TO GRAY MED. TO FINE SAND
W/GRAVEL AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 41
0-9" 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
NO MOTTLING W/GRAVEL AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 42
0-5" TOPSOIL
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.
SAND W/GRAVEL AND COBBLES
NO MOTTLING
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 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
SAND W/GRAVEL AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 45
0-13" TOPSOIL
13-23" BROWN FINE TO MED. SAND W/SILT & HEAVILY
MOTTLED THROUGHOUT
23-37" GRAY TO TAN VERY FINE SAND W/SILT
37-93" BROWN TO TAN COARSE SAND W/
GRAVEL AND SOME COBBLES
MOTTLING @ 37"
WATER @ 96"
NO LEDGE

TP 46
0-15" TOPSOIL
15-39" GRAY TO TAN VERY FINE SANDY W/SILT
39-51" BROWN 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"
MOTTLING @ 39"
WATER @ 96"
NO LEDGE

TP 47
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
WATER @ 96"
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
POSSIBLE MOTTLING @ 52"
WATER @ 90"
NO LEDGE

TP 50
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

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
NO MOTTLING
NO WATER
NO LEDGE

TP 53
0-13" TOPSOIL
13-32" BROWN FINE TO MED. SANDY LOAM
W/GRAVEL AND COBBLES
32-92" BROWN TO TAN COARSE TO
MED. SAND W/GRAVEL AND MANY COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 54
0-11" TOPSOIL
11-32" BROWN FINE TO VERY FINE SANDY LOAM
32-95" BROWN TO TAN COARSE TO MED. SAND
W/GRAVEL AND SOME COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 55
0-14" TOPSOIL
14-22" BROWN FINE TO VERY FINE SANDY LOAM
22-37" LIGHT BROWN FINE TO VERY FINE SAND W/SILT
37-110" TAN MED. SAND W/GRAVEL, FEW COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 56
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
NO LEDGE

TP 57
0-8" TOPSOIL
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
NO LEDGE

TP 58
0-13" 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

TP 59
0-11" TOPSOIL
11-23" BROWN FINE TO VERY FINE SANDY LOAM
23-93" BROWN TO TAN COARSE TO MED. SAND
W/GRAVEL AND COBBLES
NO MOTTLING
NO WATER
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 MOTTLING
NO WATER
NO LEDGE

TP 61
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

TP 63
0-5" TOPSOIL
5-26" BROWN FINE TO MED. SANDY LOAM
26-91" BROWN TO TAN COARSE TO MED. SAND,
W/GRAVEL AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

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
NO MOTTLING
NO WATER
NO LEDGE

TP 66
0-10" TOPSOIL
10-28" BROWN FINE SANDY LOAM
28-90" TAN TO GRAY MED. TO COARSE
SAND W/SOME GRAVEL
NO MOTTLING
NO WATER
NO LEDGE

TP 67
0-14" TOPSOIL
14-25" LIGHT BROWN FINE TO VERY FINE SANDY LOAM
25-108" TAN TO BROWN MED. TO COARSE SAND
W/GRAVEL AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 68
0-11" TOPSOIL
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

TP 69
0-12" TOPSOIL
12-36" YELLOW TAN FINE TO VERY FINE SANDY LOAM
36-91" TAN TO BROWN MED. TO FINE SAND
W/GRAVEL, SOME COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 70
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

TP 71
0-8" TOPSOIL
8-36" BROWN FINE TO MED. SANDY LOAM
36-98" 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

TP 74
0-6" TOPSOIL
6-39" BROWN FINE SANDY LOAM
39-99" TAN TO BROWN FINE TO MED. SAND
W/GRAVEL AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

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

TP 78
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
38-90" TAN TO GRAY MED. TO FINE
SAND WITH GRAVEL AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 80
0-12" TOPSOIL
12-33" BROWN FINE TO MED. SANDY LOAM
33-95" TAN TO GRAY MED. TO FINE SAND
W/GRAVEL AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 81
0-13" TOPSOIL
13-40" BROWN FINE TO MED. SANDY LOAM
40-96" TAN TO GRAY MED. SAND
W/GRAVEL AND COBBLES
NO MOTTLING
NO WATER
NO LEDGE

TP 82
0-9" SAND AND GRAVEL FILL
9-18" TOPSOIL
18-52" LIGHT BROWN FINE TO VERY FINE
SANDY LOAM, SOME SILT
52-101" TAN TO BROWN FINE TO MED.
SAND, SOME GRAVEL
NO MOTTLING
NO WATER
NO LEDGE

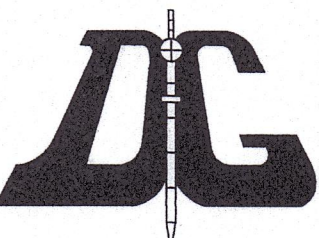
TP 83
0-9" TOPSOIL
9-31" BROWN FINE SANDY LOAM
31-104" TAN-BROWN COARSE SAND
WITH GRAVEL AND COBBLES
NO MOTTLING
NO WATER
LEDGE-NONE TO 104"

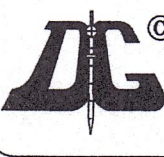
TP 84
0-11" TOPSOIL
11-38" BROWN FINE SANDY LOAM
TRACE SILT
38-92" TAN TO BROWN MED-COARSE
SAND W/GRAVEL AND COBBLES
NO MOTTLING
WATER @ 79"
LEDGE-NONE TO 92"

TP 85
0-12" TOPSOIL
12-33" BROWN FINE SANDY LOAM
30-98" TAN COARSE SAND
W/GRAVEL AND COBBLES
NO MOTTLING
NO WATER
LEDGE-NONE TO 98"

TP 86
0-8" TOPSOIL
8-30" BROWN FINE SANDY LOAM
30-89" TAN COARSE SAND
W/GRAVEL AND COBBLES
NO MOTTLING
NO WATER
LEDGE-NONE TO 89"

PLAN SHOWING
DEEP TEST PIT DATA
RESUBDIVISION
PROPERTY OF
AVERY BROOK HOMES LLC
94, 96, 98 AND 100
STODDARDS WHARF ROAD
A.K.A.
CONNECTICUT ROUTE 214
LEDYARD, CONNECTICUT
JULY 2022


DIETER & GARDNER
LAND SURVEYORS • PLANNERS
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PERCOLATION TESTS PERFORMED ON MAY 26 & 27, JUNE 3 AND JUNE 10, 2022 BY DIETER & GARDNER, INC. (JODY TERRY AND MATT EMILYTA)

LOT 1		LOT 2		LOT 3		LOT 4		LOT 5		LOT 6		LOT 7		LOT 8		LOT 9	
27" DEEP		29" DEEP		30" DEEP		26" DEEP		26" DEEP		29" DEEP		30" DEEP		30" DEEP		29" DEEP	
TIME	READING	TIME	READING	TIME	READING	TIME	READING	TIME	READING	TIME	READING	TIME	READING	TIME	READING	TIME	READING
8:59	2"	8:51	2"	9:00	2 1/2"	9:02	2 1/4"	9:55	8 1/2"	1:30	4"	1:32	4"	1:34	3"	1:41	4"
9:04	6 3/4"	8:56	10"	9:05	7 1/2"	9:07	13 1/2"	10:00	8 1/2"	1:35	20"	1:37	13"	1:39	9 1/2"	1:46	10"
9:09	9"	9:01	13 3/4"	9:10	10"	9:12	19"	10:05	13"	1:40	23"	1:42	18"	1:44	13"	1:51	13"
9:14	11"	9:06	18"	9:15	13 1/2"	9:17	22 1/2"	10:10	17"	1:45	24 1/2"	1:47	20 1/2"	1:49	15 1/2"	1:56	15 1/2"
9:19	12 1/2"	9:11	18"	9:20	16"	9:22	24 1/2"	10:15	19 1/2"	1:50	25 1/2"	1:52	23"	1:54	18"	2:01	17 1/2"
9:24	14"	9:16	20"	9:25	17 1/2"	9:27	26"	10:20	22"	1:55	26 1/2"	1:57	24"	1:59	20"	2:06	19"
9:29	15 1/2"	9:21	21"	9:30	19 1/2"	9:32	DRY	10:25	24"	2:00	27 1/2"	2:02	25"	2:04	21 1/2"	2:11	20 1/2"
9:34	17"	9:26	22"	9:35	20 1/2"			10:30	25"	2:05	28 1/2"	2:07	25 3/4"	2:09	23"	2:16	22"
9:39	18 1/4"	9:31	23"	9:40	21 1/2"			10:35	26"	2:10	DRY	2:12	26 3/4"	2:14	24 1/2"	2:21	23 1/2"
9:44	19 1/4"	9:36	24"	9:45	22 1/2"			10:40	DRY			2:17	27 3/4"	2:19	26"	2:26	25"
9:49	20 1/4"	9:41	25"													2:31	26 1/2"
PERC RATE: 1"/5 MINS.		PERC RATE: 1"/5 MINS.		PERC RATE: 1"/5 MINS.		PERC RATE: 1"/3.3 MINS.		PERC RATE: 1"/5 MINS.		PERC RATE: 1"/5 MINS.		PERC RATE: 1"/5 MINS.		PERC RATE: 1"/3.3 MINS.		PERC RATE: 1"/3.3 MINS.	

LOT 10 27" DEEP		LOT 11 27" DEEP		LOT 12 27" DEEP		LOT 13 30" DEEP		LOT 14 32" DEEP		LOT 15 30" DEEP		LOT 16 30" DEEP		LOT 17 28" DEEP	
TIME	READING	TIME	READING	TIME	READING	TIME	READING	TIME	READING	TIME	READING	TIME	READING	TIME	READING
9:13	4"	9:10	4"	9:18	3"	9:15	11:28	11:24	3 1/2"	10:41	9"	10:39	7"	10:45	3"
9:18	11 1/2"	9:15	14 1/2"	9:23	7"	11:28	11:33	11:29	17 1/2"	10:46	12 1/2"	10:48	11"	10:45	10"
9:23	16"	9:20	17 1/2"	9:28	10"	11:38	12 1/2"	11:34	21"	10:51	15"	10:49	15"	10:55	14 1/4"
9:28	18"	9:25	18"	9:33	11 3/4"	11:43	14 1/2"	11:39	23 1/2"	10:56	17"	10:54	19 1/2"	11:00	15 1/4"
9:33	20"	9:30	22"	9:38	13"	11:48	16 1/2"	11:44	25 1/2"	11:01	19"	10:59	20 1/2"	11:05	17 1/4"
9:38	21 1/2"	9:35	23"	9:43	14 1/4"	11:53	17 1/4"	11:49	27 1/2"	11:06	19 1/2"	11:04	22"	11:10	19 1/4"
9:43	22"	9:40	24"	9:48	15 1/2"	11:58	19"	11:54	28"	11:11	20 1/2"	11:09	23"	11:15	21"
9:48	23 1/2"	9:45	25"	9:53	16 1/2"	12:03	20 1/2"	11:59	30 1/2"	11:16	21 1/2"	11:14	24"	11:20	22 1/4"
9:53	24 1/2"	9:50	26"	9:58	17 7/8"	12:08	21 1/8"	12:04	DRY	11:21	22 1/2"	11:19	25"	11:25	23 1/4"
9:58	25 1/2"	9:55	DRY	10:03	19 1/2"					11:26	23 1/2"	11:24	25 3/4"	11:30	24 1/2"
10:03	DRY													11:35	25 3/4"
PERC RATE: 1"/5 MINS.		PERC RATE: 1"/5 MINS.		PERC RATE: 1"/3 MINS.		PERC RATE: 1"/3 MINS.		PERC RATE: 1"/3.3 MINS.		PERC RATE: 1"/5 MINS.		PERC RATE: 1"/6.7 MINS.		PERC RATE: 1"/4 MINS.	

LOT 18 28" DEEP		LOT 19 27" DEEP		LOT 20 30" DEEP		LOT 21 29" DEEP		LOT 22 26" DEEP		LOT 23 29" DEEP		LOT 24 30" DEEP		LOT 25 28" DEEP	
TIME	READING	TIME	READING	TIME	READING	TIME	READING	TIME	READING	TIME	READING	TIME	READING	TIME	READING
10:37	3"	8:48	2"	8:41	4"	8:43	5"	8:40	5 1/2"	1:50	4 1/4"	1:30	2 1/2"	10:42	10"
10:42	6 3/4"	8:53	9"	8:46	8 1/4"	8:48	10 3/4"	8:45	9 1/2"	1:55	11 7/8"	1:35	9 1/2"	10:47	14"
10:47	9 1/4"	8:58	14"	8:51	10 1/4"	8:53	15"	8:50	11 1/2"	2:00	15 1/2"	1:40	13 1/2"	10:52	18"
10:52	12 1/2"	9:03	18"	8:56	12 1/2"	8:58	17 1/2"	8:55	14"	2:05	18"	1:45	15"	10:57	22"
10:57	15"	9:08	20"	9:01	15"	9:03	19 1/2"	9:00	15 1/2"	2:10	21"	1:50	17 1/2"	11:02	26"
11:02	17"	9:13	22"	9:06	17"	9:08	21"	9:05	16 1/2"	2:15	23"	1:55	19"	11:07	30"
11:07	19"	9:18	23"	9:11	18"	9:13	22"	9:10	17 3/4"	2:20	25"	2:00	21 1/2"	11:12	34"
11:12	20"	9:23	24"	9:16	19"	9:18	23"	9:15	18 1/2"	2:25	27"	2:05	22 1/2"	11:17	38"
11:17	21"	9:28	25"	9:21	20"	9:23	23 3/4"	9:20	19 1/2"	2:30	28 7/8"	2:10	23 1/2"	11:22	42"
11:22	22 1/8"	9:33	26"	9:26	21"	9:28	24 1/2"	9:25	20 1/2"	2:35	DRY	2:15	24 1/2"		
11:27	23 1/8"	9:38	DRY	9:31	22"	9:33	25 1/2"	9:30	21 1/2"						
PERC RATE: 1"/5 MINS.		PERC RATE: 1"/5 MINS.		PERC RATE: 1"/5 MINS.		PERC RATE: 1"/5 MINS.		PERC RATE: 1"/5 MINS.		PERC RATE: 1"/2.7 MINS.		PERC RATE: 1"/5 MINS.		PERC RATE: 1"/3.3 MINS.	

LOT 26		LOT 27		LOT 28		LOT 29		LOT 30		LOT 31		LOT 32		LOT 33	
30" DEEP		29" DEEP		28" DEEP		28" DEEP		29" DEEP		29" DEEP		28" DEEP		30" DEEP	
TIME	READING	TIME	READING	TIME	READING	TIME	READING	TIME	READING	TIME	READING	TIME	READING	TIME	READING
11:43	3 1/2"	12:30	3"	12:27	3"	11:23	3"	11:45	7 3/4"	11:46	3"	10:15	3"	10:18	2 1/2"
11:48	8"	12:35	12"	12:32	7 1/2"	11:28	11 3/4"	11:50	11 1/2"	11:51	6 1/2"	10:20	11 1/2"	10:23	12"
11:53	10"	12:40	17 1/2"	12:37	11 1/2"	11:33	15"	11:55	11 1/2"	11:56	9"	10:25	16 1/2"	10:28	15 1/2"
12:03	13"	12:45	20"	12:42	14 1/2"	11:38	18"	12:00	13 3/4"	12:01	12"	10:30	21"	10:33	19 1/2"
12:08	14 1/2"	12:50	23"	12:47	16"	11:43	21 1/2"	12:05	16"	12:06	13 1/2"	10:35	24"	10:38	21"
12:13	16"	12:55	25"	12:52	18"	11:48	24"	12:10	18"	12:11	14 1/2"	10:40	25 1/2"	10:43	22 1/2"
12:18	17"	1:00	28 1/2"	12:57	19"	11:53	26"	12:15	20"	12:16	16"	10:45	27"	10:48	24"
12:23	18 1/2"	1:05	28"	1:02	20"	11:58	DRY	12:20	21"	12:21	17 1/2"	10:50	DRY	10:53	25 3/4"
12:28	20"	1:10	DRY	1:07	21"			12:25	22 1/4"	12:26	18 1/2"			10:58	26 3/4"
	21"			1:12	22"			12:30	23 1/2"	12:31	19 1/2"			11:03	26 3/4"
								12:35	25"	12:36	20 1/2"				
PERC RATE: 1"/5 MINS.		PERC RATE: 1"/3.3 MINS.		PERC RATE: 1"/5 MINS.		PERC RATE: 1"/2.5 MINS.		PERC RATE: 1"/4 MINS.		PERC RATE: 1"/5 MINS.		PERC RATE: 1"/3.3 MINS.		PERC RATE: 1"/6 MINS.	

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 _____ DATE _____

THE LEDYARD PLANNING AND ZONING COMMISSION ON _____ DATE _____

LOT NUMBERS ASSIGNED BY THE ASSESSOR _____

ASSESSOR _____ DATE _____

IFWC APPLICATION# _____

APPROVED, _____

NO PERMIT NECESSARY. (NOT WITHIN A REGULATED AREA)

NOT APPLICABLE AT THIS TIME. (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. _____ DATE _____

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 _____

APPROVED BY THE ZONING ENFORCEMENT OFFICER OF THE LEDYARD PLANNING COMMISSION _____

ZONING ENFORCEMENT OFFICER _____ DATE _____

LOT 34 29" DEEP	LOT 35 30" DEEP	LOT 36 28" DEEP			
TIME	READING	TIME	READING	TIME	READING
10:49	3"	1:27	2 1/2"	1:43	5"
10:54	11"	1:32	8 1/4"	1:48	11"
10:59	15"	1:37	13"	1:48	13 1/2"
11:04	18 1/2"	1:42	15 1/2"	1:53	16"
11:09	20 1/2"	1:47	18"	1:58	18"
11:14	22"	1:52	19 1/2"	2:03	19"
11:19	23 1/2"	1:57	21 1/2"	2:08	20 1/8"
11:24	25"	2:02	23"	2:13	21 1/2"
11:29	26 1/2"	2:07	24 1/2"	2:18	22 1/2"
		2:12	26"	2:23	23 1/2"
				2:28	24 1/2"
PERC RATE: 1"/3.3 MINS.	PERC RATE: 1"/3.3 MINS.	PERC RATE: 1"/5 MINS.			

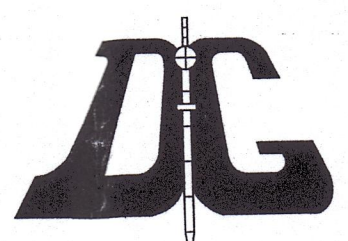
SANITARY DESIGN CRITERIA

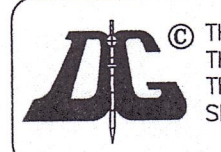
- A. ALL PRIMARY AND SEPTIC SYSTEM DESIGNS ARE LAYED OUT FOR THREE-BEDROOM HOMES. NO TUBS OVER 100 GALLONS IN SIZE OR GARBAGE DISPOSAL INTO SEPTIC SYSTEM PLANNED.
- B. THREE BEDROOM HOMES AT A PERC RATE OF 10.0 MIN/INCH OR LESS REQUIRES 495 S.F. OF EFFECTIVE LEACHING AREA.
- C. GST 6236 LEACHING SYSTEM SELECTED FOR LEACHING SYSTEM DESIGN. LOTS 2 & 3 WILL BE 45' MANTIS 536-8. CREDIT PER L.F. IS 26.2 S.F. MINIMUM REQUIRED AREA IS 495 S.F./ 26.2 S.F./L.F. = 18.9' UNLESS MLSS GOVERNS.
- HF = HYDRAULIC FACTOR BASED ON GRADIENT AND DEPTH TO RESTRICTION
- FF = FLOW FACTOR, 1.5 FOR THREE BEDROOM HOME DESIGN
- PF = PERC FACTOR, 1.0 PERCOLATION RATE UP TO 10.0 MIN/INCH.

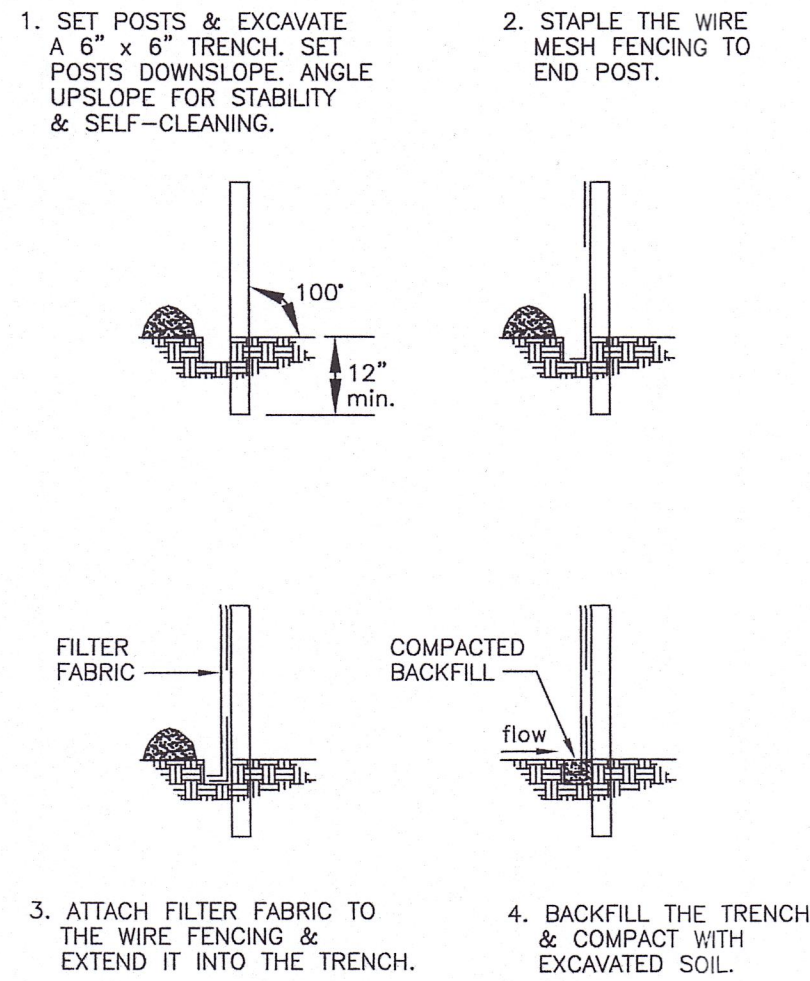
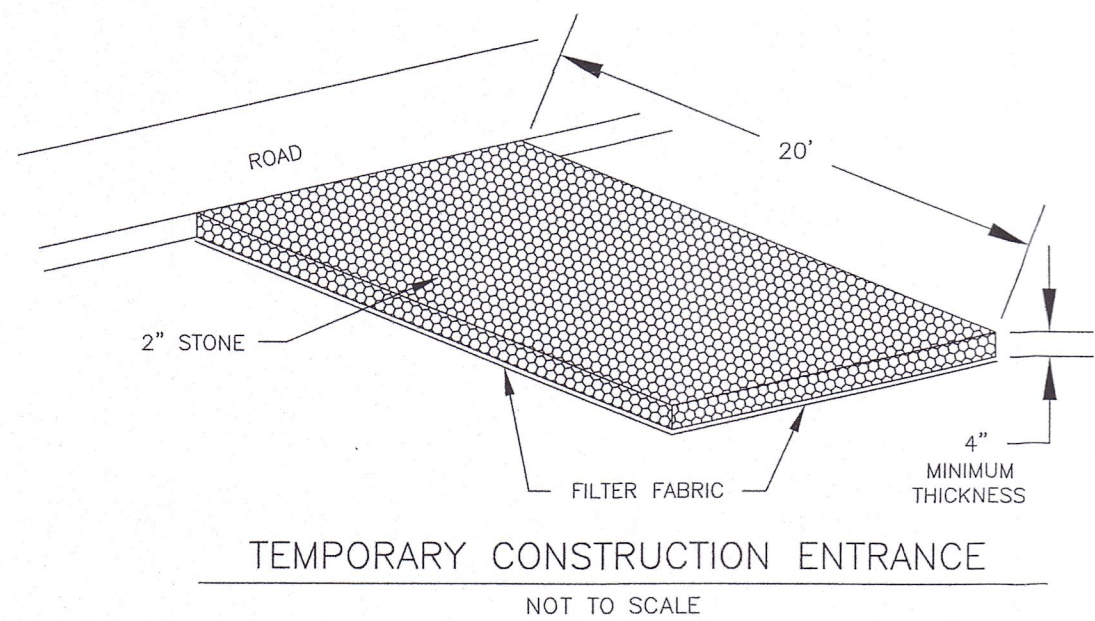
LOT NUMBER	DESIGN PITS	GRADIENT	RESTRICTION	HF	FF	PF	MLSS	SYSTEM
1	3 & 4	*	*	*	1.5	1.0		20 L.F. GST 6236
2	5 & 6	8.1 TO 10.0%	30.1-36.0"	24	1.5	1.0	36	45' MANTIS 536-8
3	19 & 20	3.1 TO 4.0%	36.1-42.0"	26	1.5	1.0	42	45' MANTIS 536-8
4	7 & 8				1.5	1.0		20 L.F. GST 6236
5	9 & 10				1.5	1.0		20 L.F. GST 6236
6	11 & 12				1.5	1.0		20 L.F. GST 6236
7	13 & 14				1.5	1.0		20 L.F. GST 6236
8	15 & 16				1.5	1.0		20 L.F. GST 6236
9	17 & 18				1.5	1.0		20 L.F. GST 6236
10	21 & 22				1.5	1.0		20 L.F. GST 6236
11	85 & 86				1.5	1.0		20 L.F. GST 6236
12	83 & 84				1.5	1.0		20 L.F. GST 6236
13	27 & 28				1.5	1.0		20 L.F. GST 6236
14	29 & 30				1.5	1.0		20 L.F. GST 6236
15	31 & 32				1.5	1.0		20 L.F. GST 6236
16	33 & 34				1.5	1.0		20 L.F. GST 6236
17	35 & 36				1.5	1.0		20 L.F. GST 6236
18	37 & 38				1.5	1.0		20 L.F. GST 6236
19	81 & 82				1.5	1.0		20 L.F. GST 6236
20	39 & 40				1.5	1.0		20 L.F. GST 6236
21	41 & 42				1.5	1.0		20 L.F. GST 6236
22	43 & 44				1.5	1.0		20 L.F. GST 6236
23	51 & 52				1.5	1.0		20 L.F. GST 6236
24	53 & 54				1.5	1.0		20 L.F. GST 6236
25	59 & 60				1.5	1.0		20 L.F. GST 6236
26	64 & 66				1.5	1.0		20 L.F. GST 6236
27	71 & 72				1.5	1.0		20 L.F. GST 6236
28	73 & 74				1.5	1.0		20 L.F. GST 6236
29	77 & 78				1.5	1.0		20 L.F. GST 6236
30	76 & 79				1.5	1.0		20 L.F. GST 6236
31	69 & 75				1.5	1.0		20 L.F. GST 6236
32	67 & 68				1.5	1.0		20 L.F. GST 6236
33	61 & 62				1.5	1.0		20 L.F. GST 6236
34	57 & 58				1.5	1.0		20 L.F. GST 6236
35	50 & 55				1.5	1.0		20 L.F. GST 6236
36	47 & 48				1.5	1.0		20 L.F. GST 6236

NOTE: THE MLSS CRITERIA DOES NOT APPLY TO PITS NOTED BY *

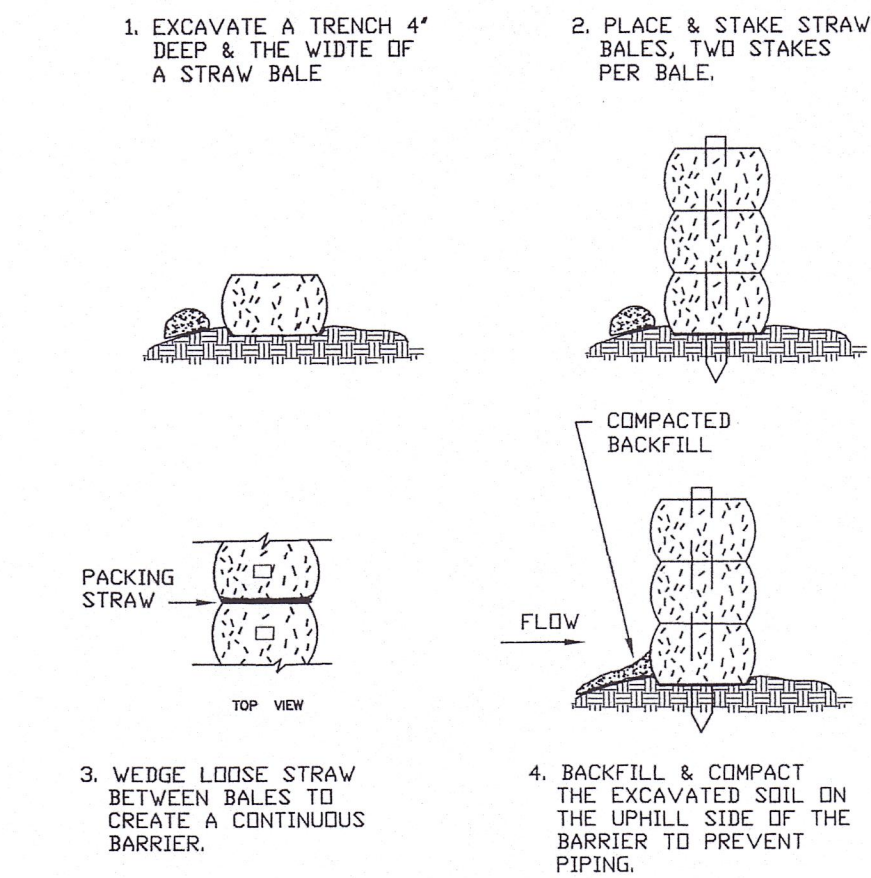
PLAN SHOWING
PERCOLATION TEST DATA,
SEPTIC SYSTEM DESIGN CRITERIA
AND
MINIMUM LEACHING SYSTEM SPREAD
RESUBDIVISION
PROPERTY OF
AVERY BROOK HOMES LLC
94, 96, 98 AND 100
STODDARDS WHARF ROAD
A.K.A.
CONNECTICUT ROUTE 214
LEDYARD, CONNECTICUT
JULY 2022


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

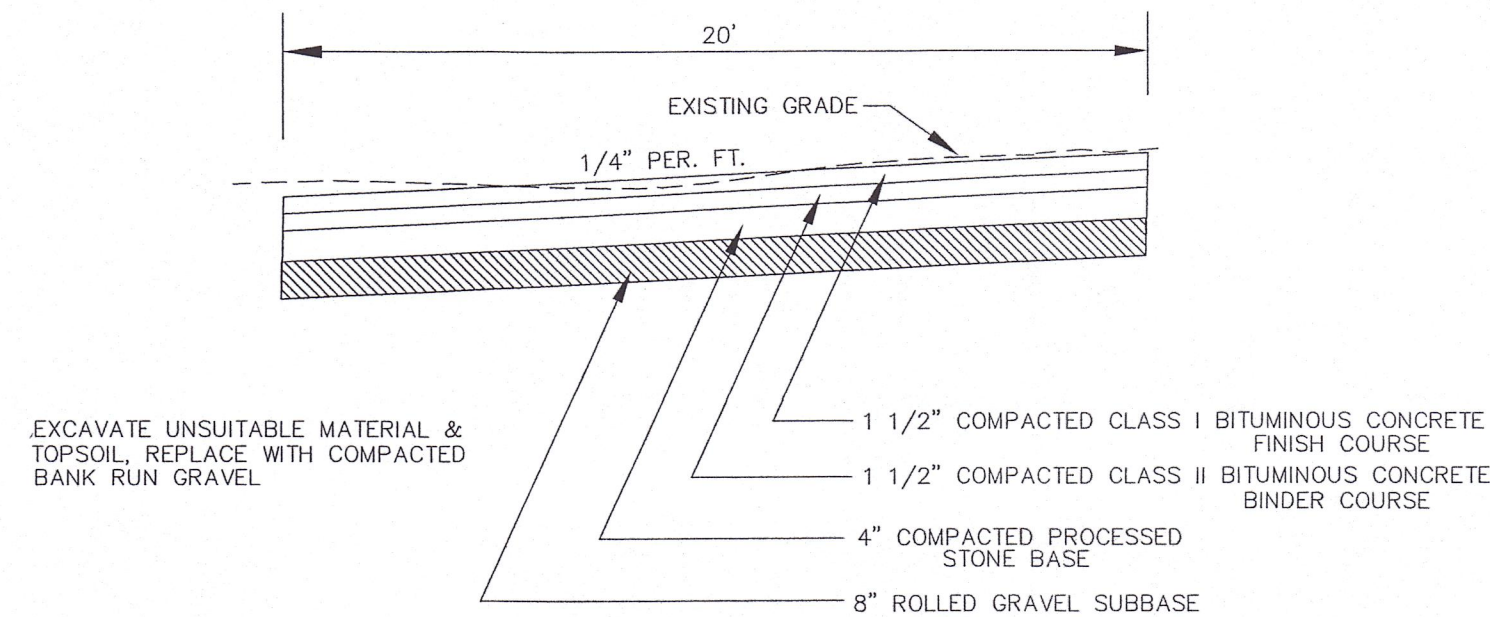
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FILTER FABRIC SEDIMENT BARRIER
NOT TO SCALE



CONSTRUCTION OF A STRAW BALE BARRIER
NOT TO SCALE



AVERY BROOK CIRCLE CROSS-SECTION
NOT TO SCALE

EROSION AND SEDIMENTATION CONTROL PLAN

THIS PLAN HAS BEEN DEVELOPED TO MINIMIZE EROSION AND SEDIMENTATION AND REDUCE THE IMPACT OF STORM WATER RUNOFF DURING CONSTRUCTION USING ENGINEERING PRINCIPALS DETAILED IN THE CONNECTICUT GUIDELINES FOR SOIL AND EROSION AND SEDIMENT CONTROL.

THE ACCOMPANYING PLANS PROVIDE THE FOLLOWING INFORMATION FOR THE IMPLEMENTATION OF THIS PLAN:

- LOCATION OF SEDIMENT CONTROL BARRIERS
- FINISHED GRADES TO BE ACHIEVED
- CONSTRUCTION SEQUENCE AND DETAILS

THIS PROJECT IS FOR THE DEVELOPMENT OF 36 LOT RESIDENTIAL SUBDIVISION. THERE ARE INLAND WETLANDS ON THIS PROPERTY.

OWNER AT TIME OF CONSTRUCTION WILL SERVE AS CONTACT PERSON FOR IMPLEMENTING EROSION AND SEDIMENT CONTROL MEASURES ON THIS PLAN. EROSION CONTROL NOT REQUIRED FOR AVERY BROOK CIRCLE.

CONSTRUCTION SEQUENCE: HOMES

1. STAKEOUT LIMITS OF CONSTRUCTION FOR THE DRIVEWAYS, HOMES AND SEPTIC SYSTEMS.
2. INSTALL SEDIMENTATION CONTROL BARRIERS AS SHOWN ON THE PLAN.
3. REMOVE EXISTING VEGETATION AND TOPSOIL WITHIN THE LIMITS OF CONSTRUCTION.
4. STOCKPILE TOPSOIL AS SHOWN ON THE PLAN.
5. ROUGH GRADE THE DRIVEWAY AND HOUSE AREA.
6. FOLLOWING CONSTRUCTION OF THE HOME, FINISH GRADE ALL DISTURBED AREAS.
7. LOAM AND SEED ALL DISTURBED AREAS.

MAINTENANCE:

INSPECT SEDIMENT BARRIERS AFTER EACH STORM EVENT AND REPAIR OR REPLACE AS NECESSARY. CLEAN OUT OF ACCUMULATED SEDIMENT IS NECESSARY IF 1/2 OF THE ORIGINAL HEIGHT OF THE BARRIER BECOMES FILLED IN WITH SEDIMENT.

GENERAL NOTES:

1. MAINTAIN ALL SEDIMENT AND EROSION CONTROL FACILITIES UNTIL ALL AREAS HAVE BEEN STABILIZED.
2. LIMITS OF DISTURBANCE AND EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSIDERED AS TYPICAL MINIMUM STANDARDS. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL AND FOR IMPLEMENTING ADDITIONAL MEASURES AS SITE CONDITIONS WARRANT.
3. SLOPES IN HIGH MAINTENANCE AREAS SHALL NOT EXCEED 3:1 (H:V).
4. NO DRIVEWAY SHALL BE GREATER THAN 15% SLOPE AT ANY POINT. ANY DRIVEWAY HAVING A GRADE OF 8% OR MORE, BUT NOT EXCEEDING 15%, SHALL BE PAVED FOR THAT PORTION OF DRIVEWAY THAT EXCEEDS 8%.
5. CONSTRUCTION EXPECTED TO BEGIN IN THE FALL OF 2022.

TEMPORARY SEEDING

USE A TEMPORARY VEGETATION COVER OF ANNUAL RYE GRASS AT A RATE OF 1.0 lbs./1000 S.F. APPLY 10-10-10 FERTILIZER, OR EQUIVALENT, AT A RATE OF 7.5 lbs./1000 S.F. AND LIMESTONE AT A RATE OF 90 lbs./1000 S.F. APPLY STRAW OR HAY MULCH AT A RATE OF 70 lbs./1000 S.F.

PERMANENT SEEDING

SEED BED PREPARATION: FINE GRADE AND RAKE SOIL SURFACE TO REMOVE STONES LARGER THAN 2" IN DIAMETER. APPLY LIMESTONE AT A RATE OF 90 lbs./1000 S.F. FERTILIZE WITH 10-10-10, OR EQUIVALENT, AT A RATE OF 7.5 lbs./1000 S.F. WORK LIMESTONE AND FERTILIZER INTO SOIL UNIFORMLY TO A DEPTH OF 4" WITH A HARROW OR EQUIVALENT. SEED APPLICATION: APPLY LAWN SEED BY HAND, CYCLONE SEEDER OR HYDROSEEDER. LIGHTLY DRAG OR ROLL THE SEED SURFACE TO COVER SEED. SEEDING SHOULD BE DONE BETWEEN APRIL 15 AND JUNE 15 OR BETWEEN AUGUST 15 AND SEPTEMBER 30. IF SEEDING CANNOT BE DONE DURING THESE TIMES, REPEAT MULCHING PROCEDURE BELOW UNTIL SEEDING CAN TAKE PLACE. NOTE: IF HYDROSEEDER IS USED, INCREASE SEED MIXTURE BY 10%. MULCHING: IMMEDIATELY FOLLOWING SEEDING, MULCH THE SEEDED SURFACE WITH STRAW OR HAY AT A RATE OF 70 lbs./1000 S.F. SPREAD MULCH BY HAND OR MULCH BLOWER. PUNCH MULCH INTO SOIL SURFACE WITH TRACK MACHINE OR DISK HARROW.

CONSTRUCTION SEQUENCE: AVERY BROOK CIRCLE

- 1) STAKEOUT OFFSETS AND GRADE STAKES AT 50 FOOT STATIONS
- 2) REMOVE/DISPOSE OF ANY STUMPS/TREE DEBRIS.
- 3) STRIP/STOCKPILE TOPSOIL - LOCATION OF STOCKPILES TO BE DETERMINED. INSTALL EROSION CONTROL AT STOCKPILES.
- 4) EXCAVATE TO SUBGRADE, INSTALL 8" SUBBASE, 4" BASE AND BITUMINOUS CONCRETE.
- 5) INSTALL/GRADE/SEED TOPSOIL SHOULDERS OF AVERY BROOK CIRCLE.

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 - _____ DATE _____
THE LEDYARD PLANNING AND ZONING COMMISSION ON _____

LOT NUMBERS ASSIGNED BY THE ASSESSOR

ASSESSOR _____ DATE _____

IWWC APPLICATION# _____
APPROVED, _____
NO PERMIT NECESSARY. (NOT WITHIN A REGULATED AREA)
NOT APPLICABLE AT THIS TIME. (WITHIN A REGULATED AREA: NO REGULATED ACTIVITY PROPOSED AT THIS TIME.)

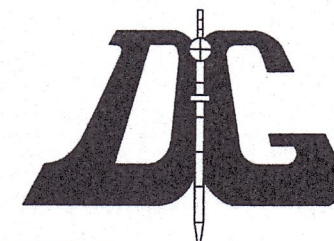
WETLANDS OFFICER _____ DATE _____

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

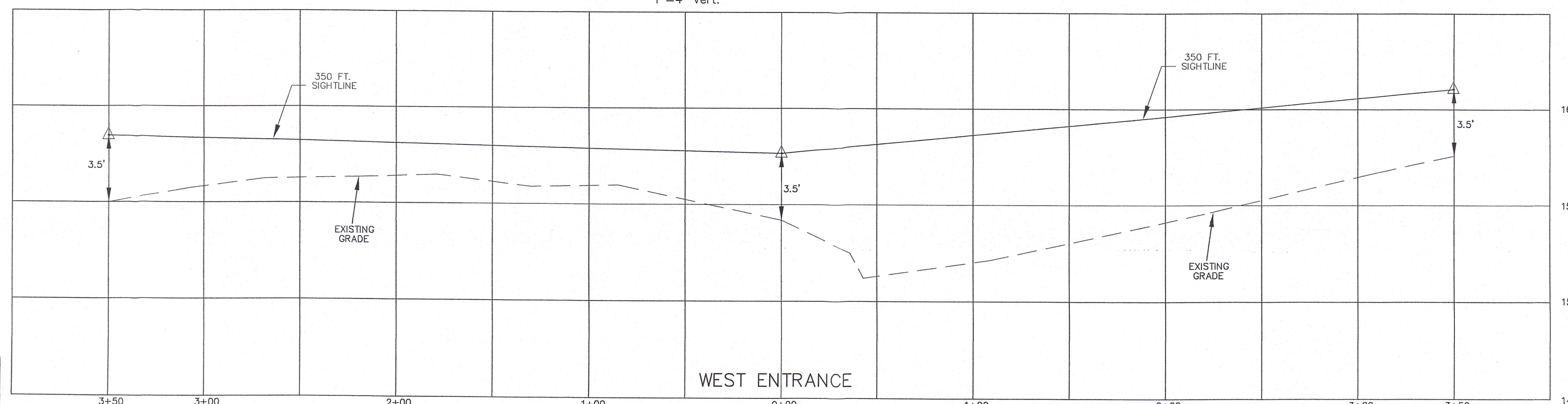
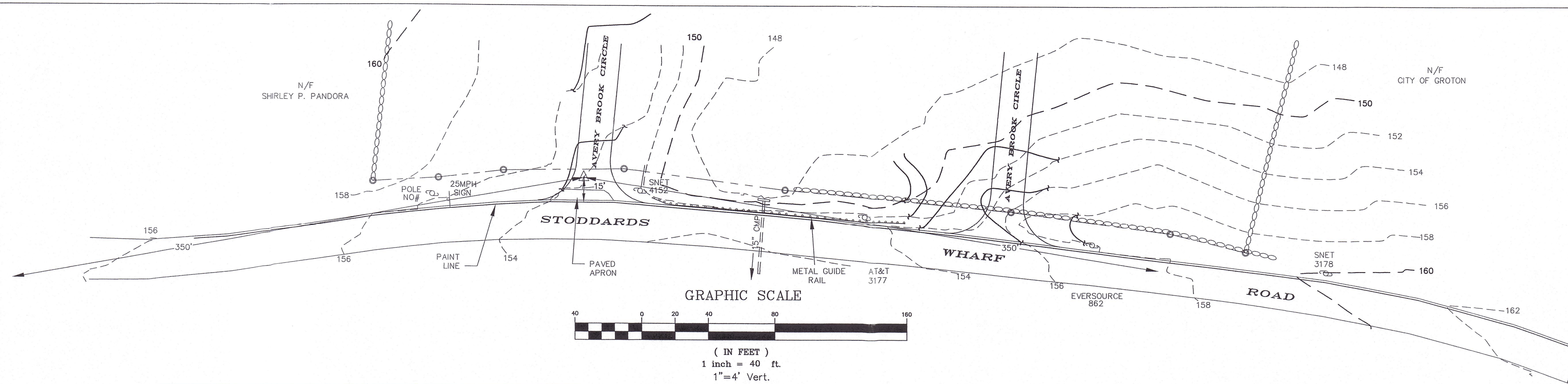
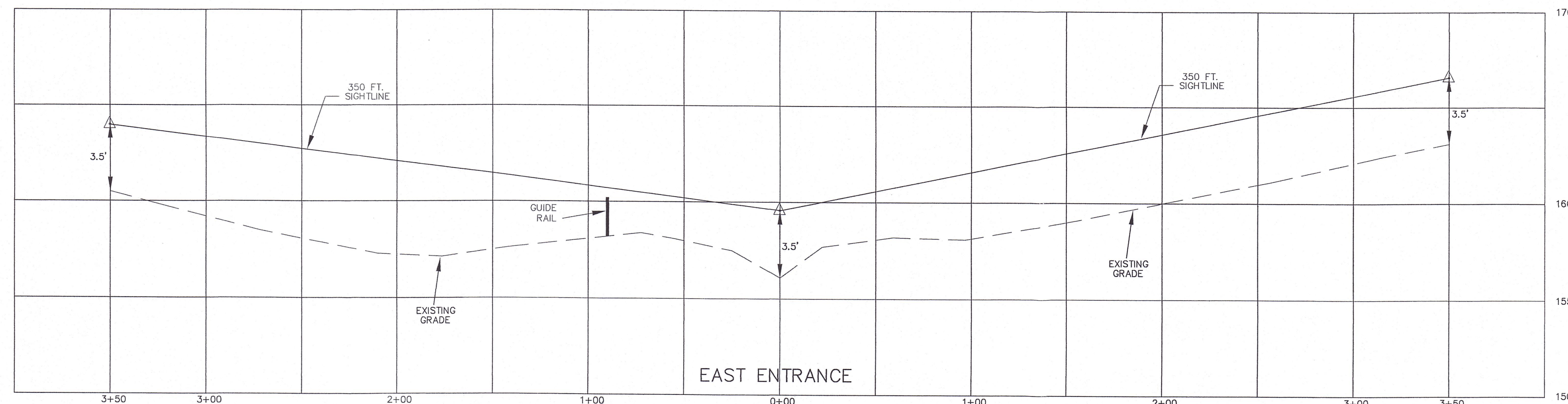
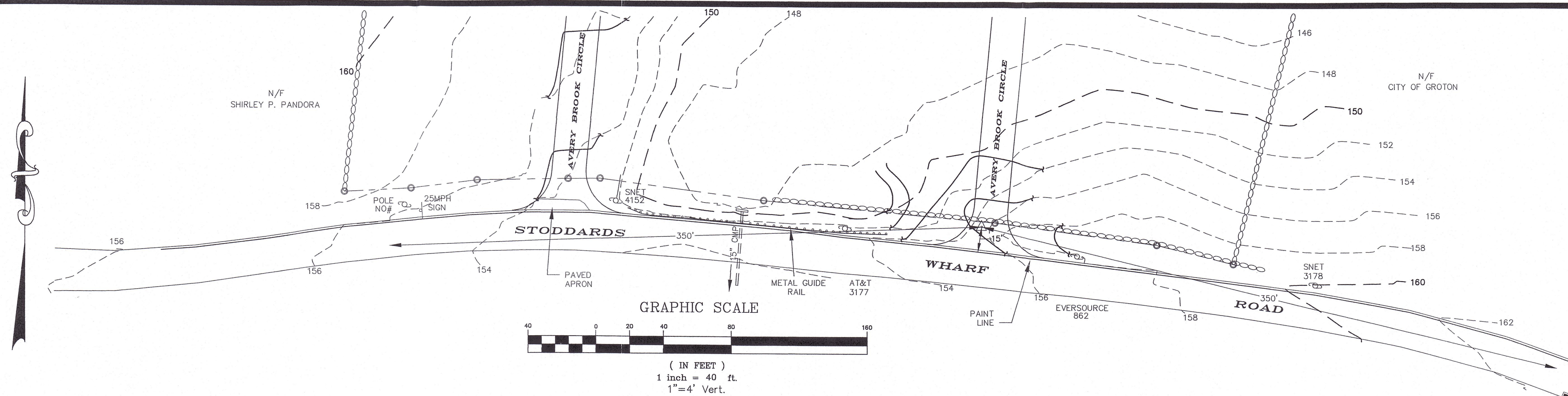
EROSION AND SEDIMENT CONTROL PLAN CERTIFIED BY VOTE OF THE LEDYARD PLANNING AND ZONING COMMISSION

CHAIRMAN OR SECRETARY OF THE LEDYARD PLANNING AND ZONING COMMISSION _____ DATE _____

APPROVED BY THE ZONING ENFORCEMENT OFFICER OF THE LEDYARD PLANNING COMMISSION _____ DATE _____
ZONING ENFORCEMENT OFFICER _____



DIETER & GARDNER
LAND SURVEYORS • PLANNERS
P.O. BOX 335
1641 CONNECTICUT ROUTE 12
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LEGEND

- STONE WALL
- PROPERTY LINE
- STREET LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- UTILITY POLE

SIGHTLINE
DEMONSTRATION PLAN
PROPERTY OF
AVERY BROOK HOMES LLC
STODDARDS WHARF ROAD
LEDYARD, CONNECTICUT
SCALE: 1"=40' HORIZ.
1"=4' VERT.
JULY 2022

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