

NOTES:

- The boundary and topographic information on this plan is based on a boundary class "A-2" survey prepared by this office entitled "Topographic Survey... Prepared for Second New Canaan LLC", prepared by D'Andrea Surveying & Engineering, P.C. Dated Oct. 1, 2008 and revised through Sept. 3, 2014.
- Contours and elevations depicted hereon are based on NGVD 29 datum.
- The primary purpose of this plan is to provide detailed septic system designs for Lots 1 and 2, proposed in the subdivision of the property. These plans have been prepared for review and approval by the New Canaan Health Dept. The proposed dwellings, driveways and drainage layouts, are conceptual only. Detailed designs of those elements including proposed grading must be prepared in future for review and approval by Town of New Canaan Land Use Agencies, including Planning and Zoning, Environmental Commission and Building Dept. PLANS ARE ISSUED FOR APPROVAL, PURPOSES ONLY AND ARE NOT FOR CONSTRUCTION.
- All construction shall comply with the Town of New Canaan standards.
- Any activities undertaken on this site will require review and approval by Town of New Canaan Land Use Agencies.
- All construction shall comply with State of Connecticut Building Code.
- These parcels are/shall be served by an individual private wells.
- Sediment fencing shall be installed where required prior to commencing construction and shall remain in place for the duration of the project. Fencing shall be Proplex Silt Stop TM as manufactured by Amoco.
- All ground areas disturbed during construction shall be regraded, mulched and seeded immediately upon completion of each phase of construction.
- Any excess material excavated during construction shall be disposed of legally off-site.
- All sediment and erosion control devices and provisions shall be maintained in operational condition by the contractor until final acceptance of the project.
- No changes to the soil erosion and sediment control plan shall be made without approval of the supervising engineer.
- The New Canaan Health Department shall review and approve the proposed septic design for the dwelling(s) to verify compliance with requirements of the Connecticut Public Health Code and New Canaan Health Department regulations. The licensed septic system installer retained by the owner shall file a septic permit application and pay the fee prior to installing septic system. The installer shall obtain copies of the latest septic system plans as required from the engineer. The installer shall submit verification to the Engineer that the Health Department has accepted and approved the application.
- All roof drains shall discharge into drywell system. Coordinate with engineer if any changes are proposed.
- All corrugated polyethylene pipe (CPP) shall be HDPE, N-12, smooth interior pipe as manufactured by Advanced Drainage Systems, Inc. or engineer approved equivalent, and it shall comply with AASHTO M294-94 Type S (smooth inner liner). Coordinate with Engineer if this pipe is used.

- Grading: Grading to comply with Town of New Canaan Zoning Regulations. no significant grading (filling and cutting more than 1') within 10' of property line. Within zoning setbacks maximum slope is 4 horizontal to 1 vertical. Outside zoning setbacks maximum slope is 3 horizontal to 1 vertical.
- Proposed development each lot may/will require approval from Town of New Canaan Environmental Commission because of the activity in proximity to wetland and watercourse areas and because of the amount of disturbed area. Owner/contractor to coordinate with Environmental Commission staff as required.

N/T
CHARLES S. HOFFMAN, III
JULIA HOFFMAN
LOT No. 12
MAP No. 3265 N.C.L.R.

Test Pits Data
470 Frogtown Road
New Canaan, Connecticut
Test Pits TP #101 - TP #108 Conducted by D'Andrea Surveying & Engineering, P.C.
on March 21, 2014 with New Canaan Health Department.

TP #101
0" Topsoil
6" Brown Silty Loam
41" Med. to Coarse Sand & Silt Mottled
80" No Ledge
No GW
Mottling @ 41"
Restrictive @ 41"

TP #102
0" Topsoil
13" Brown Silty Loam
37" Fine Sand & Silt, Faint Mottled
60" No Ledge
Mottling @ 37"
GW @ 60"
Restrictive @ 37"

TP #103
0" Topsoil
10" Brown Silty Sandy Loam with Stones
36" No GW
Mottling @ 31"
Ledge @ 36"

TP #104
0" Topsoil
6" Brown Sand Loam
22" Tan Sandy Gravel
74" No GW
No Mottling
No Ledge

TP #105
0" Topsoil
7" Brown Loam
30" Sandy Gravel with Stones & Silt
60" No GW
No Mottling
No Ledge

TP #106
0" Topsoil
6" Tan Sandy Gravel
66" No Ledge
No Mottling
No GW

TP #107
0" Topsoil
7" Tan Sandy Gravel
48" No GW
No Mottling
No Ledge

TP #108
0" Topsoil
8" Tan Sandy Gravel
60" No Ledge
No Mottling
No GW

TP #109
0" Topsoil
8" Tan Sandy Loam
72" No Ledge
No Mottling
No GW

TP #110
0" Topsoil
8" Orange Brown Loam
29" Grey Silt with some Stones Mod. Compact
66" No Ledge
Mottling @ 29"
GW Seep @ 29"

TP #111
0" Topsoil
7" Orange Brown Loam
27" Tan Sand and Silt & Stone
70" No Ledge
Mottling @ 42"
Restrictive @ 42"

TP #112
0" Topsoil
6" Orange Brown Loam
25" Grey Silt with some Stones Mod. Compact
70" No Ledge
Mottling @ 25"
GW Seep @ 25"
Restrictive @ 25"

TP #113
0" Topsoil
6" Orange Brown Loam
28" Under Water
72" No Ledge
Mottling @ 28"
GW @ 28"
Restrictive @ 28"

TP #114
0" Topsoil
10" Brown Silty Sandy Loam
17" Mottled Loam
60" No Ledge
Mottling @ 17"
GW @ 17"
Restrictive @ 17"

TP #115
0" Topsoil
6" Brown Silty Sandy Loam
16" Mottled Loam
115" No Ledge
Mottling @ 16"
GW @ 16"
Restrictive @ 16"

TP #116
0" Topsoil
6" Orange Brown Loam
34" Grey Silt with some Stones Mod. Compact
72" No GW
No Ledge
Mottling @ 34"
Restrictive @ 34"

TP #117
0" Topsoil
6" Orange Brown Loam
19" Tan Sandy & Gravel
50" Grey Fine Sand Mottled
54" No GW
No Ledge
Mottling @ 50"
Restrictive @ 50"

TP #118
0" Topsoil
10" Tan Sand & Gravel
53" No GW
No Mottling
Ledge
Restrictive @ 53"

LOCATION MAP

SCALE: 1" = 1000'

TP #201 Conducted by D'Andrea Surveying & Engineering, P.C. only on March 26, 2014.

TP #201 (for drainage)

0" Topsoil
12" Orange Brown Loam
38" Tan Silt & Sand with Stones
72" No Ledge
No Mottling
No GW

Test Pits Data
470 Frogtown Road
New Canaan, Connecticut
Test Pits TP #110 - TP #118 Conducted by D'Andrea Surveying & Engineering, P.C.
on April 2, 2014 with New Canaan Health Department.

TP #110
0" Topsoil
8" Orange Brown Loam
29" Grey Silt with some Stones Mod. Compact
66" No Ledge
Mottling @ 29"
GW Seep @ 29"

TP #111
0" Topsoil
7" Orange Brown Loam
27" Tan Sand and Silt & Stone
70" No Ledge
Mottling @ 42"
Restrictive @ 42"

TP #112
0" Topsoil
6" Orange Brown Loam
25" Grey Silt with some Stones Mod. Compact
70" No Ledge
Mottling @ 25"
GW Seep @ 25"
Restrictive @ 25"

TP #113
0" Topsoil
6" Orange Brown Loam
28" Under Water
72" No Ledge
Mottling @ 28"
GW @ 28"
Restrictive @ 28"

TP #114
0" Topsoil
10" Brown Silty Sandy Loam
17" Mottled Loam
60" No Ledge
Mottling @ 17"
GW @ 17"
Restrictive @ 17"

TP #115
0" Topsoil
6" Brown Silty Sandy Loam
16" Mottled Loam
115" No Ledge
Mottling @ 16"
GW @ 16"
Restrictive @ 16"

TP #116
0" Topsoil
6" Orange Brown Loam
34" Grey Silt with some Stones Mod. Compact
72" No GW
No Ledge
Mottling @ 34"
Restrictive @ 34"

TP #117
0" Topsoil
6" Orange Brown Loam
19" Tan Sandy & Gravel
50" Grey Fine Sand Mottled
54" No GW
No Ledge
Mottling @ 50"
Restrictive @ 50"

TP #118
0" Topsoil
10" Tan Sand & Gravel
53" No GW
No Mottling
Ledge
Restrictive @ 53"

LEGEND:

- EXISTING CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- TREE TO REMAIN
- TREE TO BE REMOVED
- GAS GATE
- WATER METER
- WATER GATE
- UTILITY POLE
- TEST PIT
- PERCOLATION TEST
- TREE PROTECTION
- TOP OF ELEVATION
- BOTTOM OF ELEVATION
- DRIVEWAY CATCH BASIN
- CATCH BASIN
- CLEAN OUT
- JUNCTION BOX
- YARD DRAIN
- POLYVINYL CHLORIDE
- CORRUGATED PLASTIC PIPE
- STORM DRAIN MANHOLE
- AS ORDERED BY ENGINEER

D'ANDREA SURVEYING & ENGINEERING, P.C.
• LAND PLANNERS
• ENGINEERS
P.O. BOX 549
RIVERSIDE, CT 06878
6 NEIL LANE
TEL. 637-1779

PROJECT
**SEPTIC SYSTEM
DESIGNS LOTS 1 & 2**

PREPARED FOR
SECOND NEW CANAAN LLC

LOCATION
**470 FROGTOWN ROAD
NEW CANAAN, CONNECTICUT**

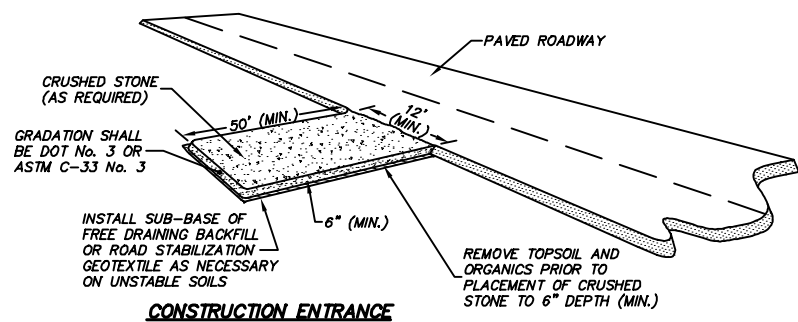
1 OF 2
DEVELOPMENT PLAN

DENOTES WETLANDS FLAG

THE LIMIT OF FLAGGED WETLANDS DEPICTED HEREON WAS DELINEATED IN THE FIELD BY WILLIAM KENNY ASSOCIATES LLC, WILLIAM L. KENNY, SOIL SCIENTIST, ON MAY 28, 2014.

CONTOURS AND ELEVATIONS DEPICTED HEREON ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29).

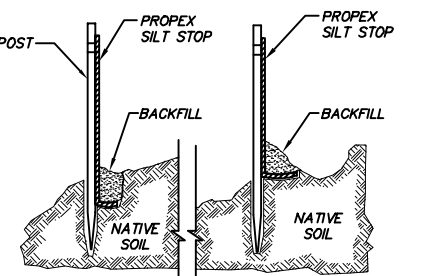
AREA = 4.1927 ACRES (TOTAL)
REFER TO MAP No. 713 AND 3265 N.C.L.R.
LAND LIES IN TWO ACRE RESIDENCE ZONE



ANTI-TRACKING PAD DETAIL

N.T.S.

(IF REQUIRED)



INSTALLATION DETAIL
SEDIMENT CONTROL FABRIC

N.T.S.

CONTOUR INTERVAL = ONE FOOT
1 INCH = 20 FEET
SCALE
20 0 20
IN FEET

NOTE: ALL PVC DRAIN PIPE SHALL BE SDR-35 WITH RUBBER GASKET JOINTS.

NOTE: FINAL INSPECTION/SURVEY THE SEPTIC SYSTEM INSTALLER SHALL NOTIFY THE ENGINEER 72 HOURS PRIOR TO THE TIME OF THE FINAL INSPECTION AT THE TIME OF FINAL INSPECTION THE SYSTEM SHALL BE ENTIRELY COMPLETE INCLUDING SEPTIC TANK, SOIL LINE, ALL PIPING, PUMP CHAMBER, ETC. IF THE CONTRACTOR REQUESTS A PARTIAL FINAL INSPECTION, HE SHALL REQUEST IN WRITING THE PARTIAL FINAL INSPECTION INCLUDING THE REASON FOR SAME.

NOTE: BEDROOMS AND SEPTIC SYSTEM SIZE (TANK AND LEACHING AREA) IT IS THE RESPONSIBILITY OF THE OWNER/DEVELOPER TO VERIFY WITH THE HEALTH DEPARTMENT THE ACTUAL BEDROOM COUNT OF THE PROPOSED DWELLING. FLOOR PLANS SHOWING ALL LEVELS OF THE PROPOSED DWELLING WITH BATHROOM SIZES SHALL BE REVIEWED AND APPROVED BY THE HEALTH DEPARTMENT. ACCORDING TO THE HEALTH CODE, BATHTUBS OF 100-199 GALLONS REQUIRE AN INCREASE OF 250 GALLONS CAPACITY TO THE SEPTIC TANK AND BATHTUBS WITH VOLUME OF 200 GALLONS OR MORE REQUIRES AN INCREASE IN SEPTIC TANK CAPACITY OF 500 GALLONS.