



WESTPORT WESTON HEALTH DISTRICT

180 Bayberry Lane, Westport, CT 06880-2855

Telephone: (203) 227-9571

Fee is non-refundable.

\$ 2200 Initials: GP

FEB 13 2020

APPLICATION FOR A BUILDING ADDITION, BUILDING CONVERSION, RENOVATION OR ACCESSORY STRUCTURE

Date: 2/13/2020

Owner's Name: CHRISTINE GOULD & ALEXANDER CHRISTON

Property Address: 12 HEDLEY FARMS ROAD

WESTPORT 06880

Tel. No.: (212) 430-0392

Street

Town

ZIP

Type of Application: [ ] Building Addition [ ] Renovation [x] Accessory Structure (Deck, Garage, Porch) [ ] Building Conversion, Change in Use (Winterization)

Give a Brief Description of Proposed Application: (Performing winterization; type and number of rooms being added; square footage of house addition, type of structures to be added, and foot print change, etc.)

CONSTRUCT 2 NEW PATIO AREAS, FREESTANDING WALL, BARBECUE & EXPAND THE EXISTING DRIVE

Addition/Renovation: No. of bedrooms: No. of bathrooms: No. water use fixtures Increase in house footprint? [ ] Yes [x] No No. of other rooms: No. of tubs more than 99 gal.: Heat? [ ] Yes [ ] No Approximate proposed increase in floor area (in Sq. Ft.) Are footing or foundation drains required? [ ] Yes [ ] No

Existing Structure: [x] Residential [ ] Non-Residential (Describe):

No. of bedrooms: 6 No. of bathrooms: No. of oversized tubs (>99 gal.) 0

Approximate floor area (in Sq. Ft.) Water supply: [ ] Private well [x] Public water

Footing or foundation drains present? [ ] Yes [x] No

Existing Septic Year system was installed? 1985 [x] New [ ] Repair Public sewer available? [ ] Yes [x] No

Size of septic tank: 2000 gals. Size and type of leaching system: 36" LEACHING TRENCH AND CONTACTOR 100

Curtain drain? [ ] Yes [ ] No Has any soil testing been performed on the property? [x] Yes [ ] No

If yes, when and by whom? CHAPPA SITE CONSULTING, LLC - 10/1/2018

Owner or Duly Authorized Representative (Print) William J. Chappa

Contact Phone Number: (203) 218-8270

Signed: [Signature] Owner of Duly Authorized Representative

2/13/2020 Date

WWHD REMARKS:

- Compliance with 19-13-B100a required..... [ ] Yes [ ] No
Possible storm drainage structure required by Engineering..... [ ] Yes [ ] No
Soils evaluation required..... [ ] Yes [ ] No
SSDS proposal required..... [ ] Yes [ ] No
Wetlands..... [ ] Yes [ ] No [ ] Don't know

Comments: BBA to have no sink Blown on full wall has no drains

APPROVAL: Approved: [Signature]

DATE: 2/13/2020

FINAL WWHD INSPECTION REQUIRED AT COMPLETION OF JOB Yes [x] No [ ]
Final Inspection/Final Approval: Sanitarian Date

IN THE EVENT THE PROPOSED B100A CODE COMPLYING SEWAGE DISPOSAL SYSTEM NEEDS TO BE INSTALLED THE EXISTING WATER SERVICE LOCATION SHALL BE DETERMINED TO CONFIRM THAT THE MINIMUM 10' SEPARATING DISTANCE EXISTS. IF THE PROPER SEPARATING DISTANCE DOES NOT EXIST, THE WATER SERVICE SHALL BE RELOCATED AS REQUIRED.

Property is situated in Flood Zone AE (EL13) and Zone "X" (areas of minimal flooding) as shown on F.I.R.M. Comm. No. 09001 Panel No. 556, Suffix G, 8 July 2013.

# LEGEND

| TEST PITS   | EXISTING | PROPOSED |
|---|----------|----------|
| OCTOBER 1, 2018   |          |          |
| Test Pit #100   |          |          |
| 00 - 10" TOPSOIL  |          |          |
| 10 - 22" SELECT FILL                                    |          |          |
| 22 - 42" ORIGINAL ORGANIC LAYER                         |          |          |
| 42 - 84" BROWN COARSE SAND & GRAVEL                     |          |          |
| * GROUND WATER AT 67"                                   |          |          |
| * MOTTLES AT 42"  |          |          |
| * NO LEDGE  |          |          |
| Test Pit #101   |          |          |
| 00 - 05" TOPSOIL  |          |          |
| 05 - 36" BROWN COARSE SAND & GRAVEL                     |          |          |
| 36 - 72" GREY/BROWN COARSE SAND                         |          |          |
| * GROUND WATER AT 66"                                   |          |          |
| * NO MOTTLES  |          |          |
| * NO LEDGE  |          |          |
| PERCOLATION TESTS                                       |          |          |
| SOIL PERCOLATION RATE ON FILE AT W.H.H.D.: 1" IN 5 MIN. |          |          |

- GENERAL CONSTRUCTION NOTES:
- ALL SITE CONSTRUCTION SHALL CONFORM TO THE TOWN OF WESTPORT STANDARDS SPECIFICATION. IN THE ABSENCE OF THE TOWN OF WESTPORT STANDARDS, REFER TO THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION FORM 814A, 1995.
  - SUBSURFACE STRUCTURES AND UTILITIES HAVE BEEN DETERMINED FROM EXISTING RECORDS AND ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE. INITIAL DETERMINATION OF UTILITY LOCATIONS SHALL INCLUDE BUT IS NOT LIMITED TO CONTACTING "CALL BEFORE YOU DIG". TO AVOID CONFLICT OF THE PROPOSED WORK AND EXISTING UTILITIES, THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES BY EXCAVATING TEST HOLES. SHOULD THE CONTRACTOR DETERMINE THAT A CONFLICT EXISTS, HE SHALL PROMPTLY NOTIFY THE ENGINEER WHO WILL MAKE THE NECESSARY DESIGN ADJUSTMENTS.
  - ALL UTILITIES SHALL BE PLACED UNDERGROUND AND SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF THE APPROPRIATE UTILITY COMPANY STANDARDS.
  - THERE ARE NO STORM WATER DRAINAGE SYSTEMS WITHIN 25' (50' DOWN GRADIENT) OF THE PROPOSED SEWAGE DISPOSAL SYSTEM CODE COMPLYING AREA ON ANY OF THE ADJACENT PROPERTIES.
  - THERE ARE NO WELLS WITHIN 75' OF THE PROPOSED SEWAGE DISPOSAL SYSTEM CODE COMPLYING AREA ON ANY OF THE ADJACENT PROPERTIES.
  - THERE ARE NO SEWAGE DISPOSAL SYSTEMS WITHIN 25' OF THE PROPOSED SEWAGE DISPOSAL SYSTEM CODE COMPLYING AREA ON ANY OF THE ADJACENT PROPERTIES.
  - THERE ARE NO GEOTHERMAL SYSTEMS WITHIN 50' OF THE PROPOSED SEWAGE DISPOSAL SYSTEM CODE COMPLYING AREA ON ANY OF THE ADJACENT PROPERTIES.
  - SOIL TESTS IN THE AREA OF THE PROPOSED SEWAGE DISPOSAL SYSTEM CODE COMPLYING AREA INDICATE A RESTRICTIVE LAYER GREATER THAN 60". THEREFORE THE MINIMUM LEACHING SYSTEM SPREAD CALCULATION IS NOT REQUIRED.
  - EXISTING CONDITIONS INFORMATION OBTAINED FROM A PLOT PLAN PREPARED FOR CHRISTINE GOULD & ALEXANDER CHRISTON PREPARED BY LEONARD SURVEYORS, LLC, WESTPORT, CT. EXISTING SEWAGE DISPOSAL SYSTEM INFORMATION TAKEN FROM DATA ON FILE AT THE WESTPORT/WESTON HEALTH DISTRICT.

COVERAGE CALCULATION  
(AS DESCRIBED IN THE WESTPORT PLANNING & ZONING REGULATIONS)

12 HEDLEY FARM ROAD; WESTPORT, CT  
THE 87,769 s.f. SITE IS LOCATED WITHIN THE RESIDENCE 'AAA' ZONE

|   |               |
|---|---------------|
| A <sub>g</sub> (TOTAL SITE AREA) =            | 87,769 s.f.   |
| EASEMENT =                                    | 200 s.f.      |
| A <sub>t</sub> (AG - EASEMENT) =              | 87,569 s.f.   |
| W (WETLAND) =                                 | 43,325 s.f. + |
| S (SLOPES > 25%) =                            | 430 s.f.      |
| A <sub>n</sub> (A <sub>t</sub> - (W + S)) =   | 44,014 s.f.   |
| A <sub>bc</sub> (A <sub>n</sub> + 0.2(W+S)) = | 52,765 s.f.   |

THE BASE LOT AREA TO BE USED FOR COMPUTATION OF THE MAXIMUM ALLOWABLE LOT COVERAGE = 52,765 s.f.

MAXIMUM ALLOWABLE LOT COVERAGE = 52,765 s.f. x 25% = 13,191 s.f.  
MAXIMUM ALLOWABLE LOT COVERAGE = 13,191 S.F.

PROPOSED LOT COVERAGE (DWELLING, POOL, BBQ & DRIVE) = 9,305 S.F.

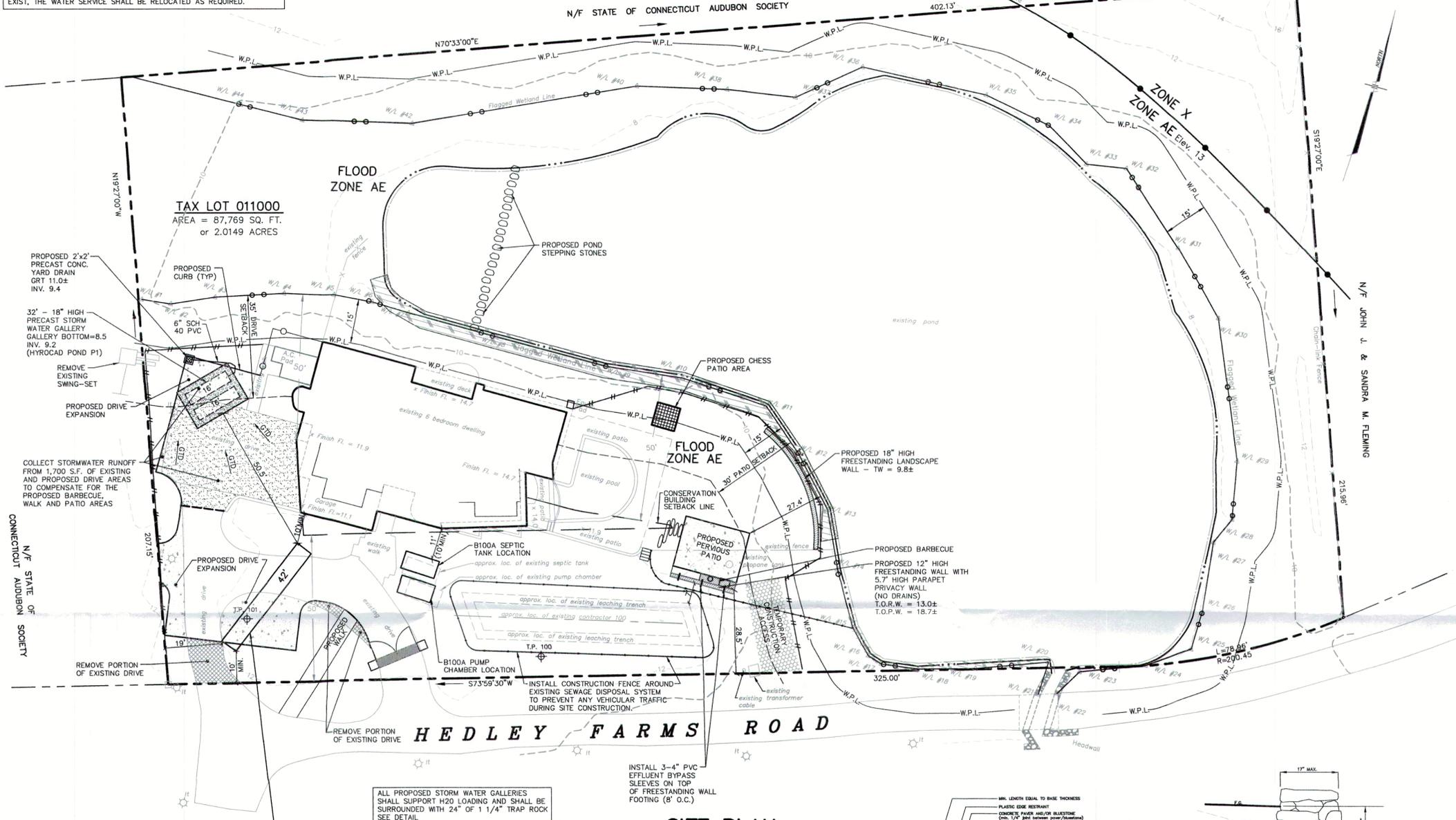
PROPOSED LOT COVERAGE - 9,305 S.F. < ALLOWABLE COVERAGE - 13,191 S.F.

PROPOSED LOT COVERAGE - 9,305 S.F. = 17.6%

THE PROPOSED COVERAGE CALCULATIONS ARE BASED ON PRELIMINARY HOUSE DESIGN AND FOOTPRINT AS PROVIDED BY THE OWNER AND CURRENTLY MEETS THE COVERAGE REQUIREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE OWNER OR THEIR BUILDER TO RECOMPUTE THE COVERAGE CALCULATIONS USING THE FINAL BUILDING PLANS IN ORDER TO INSURE THAT THE ACTUAL BUILDING COVERAGE DOES NOT EXCEED THE MAXIMUM ALLOWABLE AND TO OBTAIN A ZONING PERMIT.

\* EXISTING COVERAGE AREAS, WETLAND & STEEP AREA TAKEN FROM A MAP PREPARED BY LEONARD SURVEYORS, LLC

| REVISIONS | DATE     | BY       | REASON           |
|-----------|----------|----------|------------------|
| 1         | 2/3/2020 | J. PULIE | REVISED PER PLAN |

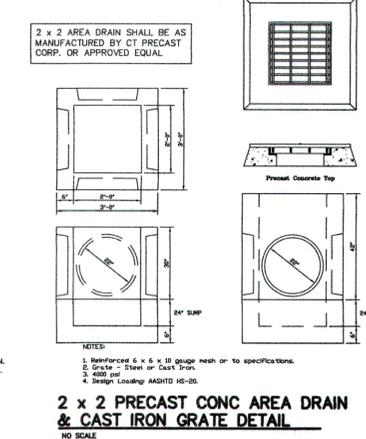
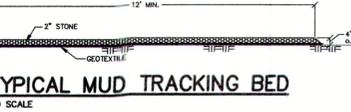
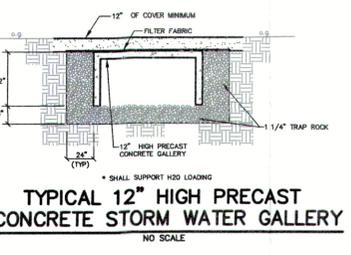
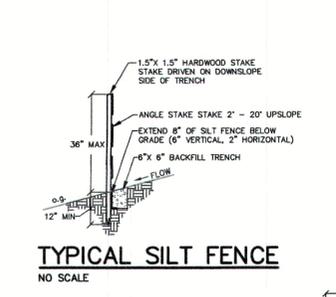


**B100A SEWAGE DISPOSAL SYSTEM AREA FOR A 6 BEDROOM DWELLING**

DESIGN INFORMATION:  
NUMBER OF BEDROOMS = 6  
SOIL PERC RATE: USE 1" IN 10 MIN.  
REQUIRED LEACHING AREA = 742.5 S.F.  
WATER SUPPLY: PUBLIC

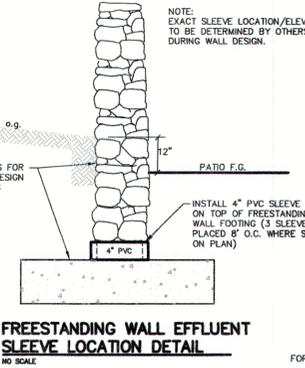
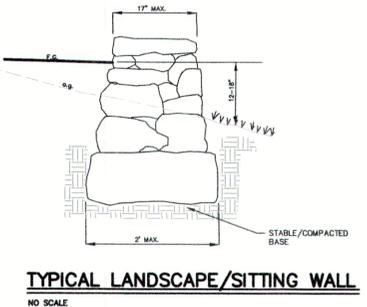
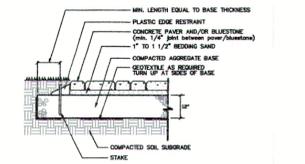
LEACHING AREA PROVIDED:  
42 L.F.-24" GEOMATRIX (GST 62-24) = 760 S.F. OF EFFECTIVE LEACHING AREA.

MINIMUM LEACHING SYSTEM SPREAD:  
MINIMUM LEACHING SYSTEM SPREAD IS NOT REQUIRED



## SITE PLAN

SCALE: 1" = 20'



NOT FOR CONSTRUCTION  
FOR REVIEW AND APPROVAL BY PUBLIC AGENCIES ONLY

Laura Ruocco Pulie  
LAURA RUOCCO PULIE, P.E. CT REG. NO. 14924

RECEIVED  
FEB 13 2020  
WVHHD

REV. 2/10/2020: EXISTING CONTOURS, DRAINAGE & WALL DETAILS/ELEV. ADJUSTED

|  |                      |
|--|----------------------|
| CHRISTINE GOULD & ALEXANDER CHRISTON<br>12 HEDLEY FARMS ROAD; WESTPORT, CT                           | DATE<br>12/10/19     |
| SITE IMPROVEMENTS PLAN FOR THE PROPOSED PATIOS, BARBECUE AND DRIVE ALTERATIONS                       | SCALE<br>AS NOTED    |
| <b>SITE PLAN, DETAILS &amp; NOTES</b>  | PROJECT NO.<br>30216 |
| CHAPPA SITE CONSULTING, LLC<br>3255 Fairfield Avenue - Bridgeport, CT 06605<br>phone: (203) 578-1755 | SHEET NO.<br>1 of 1  |

Bill Achilles 20259-5828

WESTPORT WESTON HEALTH DISTRICT

Fee is Non-Refundable  
Application is Non-transferable



RECEIVED

APPLICATION TO CONSTRUCT, ALTER OR REPAIR  
A SEWAGE DISPOSAL SYSTEM

- NEW .....\$495.1
- REPAIR/ALTERATION W/LEACHING..\$385
- REPAIR/ALTERATION TANK ONLY.. \$220
- B-100A REVIEW .....\$140
- PLAN CHANGE FEE .....\$110

Please TYPE or PRINT.

OCT - 9 2018

OCT - 9 2018

WWHD

WWHD

Three copies of detailed scaled plans must be submitted with this application. Soil test data, acceptable to the Director of Health, must be on file at the Health District.

Plans Prepared by:

- Installer
- Professional Engineer

Sewage Failure Confirmed (Describe:)

Date: \_\_\_\_\_ Sanitarian Initials: \_\_\_\_\_

Location: 12 HEDLEY FARMS ROAD 011000

- Westport
- Weston

Owner: CHRISTINE COULD <sup>Street Address</sup> Address: 12 HEDLEY FARMS RD <sup>Lot Number</sup> Tel: (\_\_\_\_) \_\_\_\_\_

PRINT Name of owner or duly authorized agent

Signature of owner or duly authorized agent

Date

RESIDENTIAL STRUCTURE:

Age of structure (years)..... 35  
 No. of bedrooms: ..... 6  
 No. tubs greater than 99 gal. overflow:   
 Garbage disposal:.....  Yes  No  
 Water treatment softener/filter  Yes  No  
 Water supply: .....  Well  Public  
 Fixtures in basement.....  Yes  No  
 Other: \_\_\_\_\_

NON-RESIDENTIAL STRUCTURE:

Type (Store, Office, etc.): N/A  
 Design criteria: \_\_\_\_\_  
 LOT:  
 Part of subdivision:.....  Yes  No  
 Subdiv. name: \_\_\_\_\_  
 Date of approval: \_\_\_\_\_  
 Lot size: 2.0149 AC

- Public supply watershed  Yes  No
- Public sewer access .....  Yes  No
- Wetlands.....  Yes  No
- Flood zone .....  Yes  No
- Footing drains.....  Yes  No
- Curtain drains .....  Yes  No
- Stormwater drywell .....  Yes  No

System to consist of: <sup>B100A:</sup> 1500 TANK / 1250 PC and <sup>B100A:</sup> 42' - GEOMATRIX GST 62-24 = 760 SF  
 Septic Tank Size/Pump Chamber Leaching Area: Description / LINEAL Feet / Sq. Ft.

Licensed

Installer: \_\_\_\_\_ Name (PRINT) \_\_\_\_\_ Signature \_\_\_\_\_ License No. \_\_\_\_\_ Date \_\_\_\_\_

For Health District Use Only — Do Not Write Below this Line

Plan reviewed by: \_\_\_\_\_ Approved: \_\_\_\_\_ By: \_\_\_\_\_  
Date \_\_\_\_\_ Sanitarian's Signature \_\_\_\_\_

WWHD Test during Wet Season:  Percolation Rate:  1/10  1/20  1/30  1/45  1/60 Area of Special Concern:  Yes  No  
 Comments: Restrictive Layer: \_\_\_\_\_ inches Engineering Design Required:  Yes  No MLSS (ft): \_\_\_\_\_

DOCUMENTS NEEDED TO ISSUE PERMIT TO DISCHARGE

|                        | Yes                                 | No                       | Date Received | Initials |
|------------------------|-------------------------------------|--------------------------|---------------|----------|
| Sieve Analysis         | <input checked="" type="checkbox"/> | <input type="checkbox"/> |               |          |
| Fill Percolation Rate  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |               |          |
| As BUILT of system     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |               |          |
| Engineer's approval    | <input checked="" type="checkbox"/> | <input type="checkbox"/> |               |          |
| Well Permit            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |               |          |
| Well Completion Report | <input checked="" type="checkbox"/> | <input type="checkbox"/> |               |          |
| Water Analysis         | <input checked="" type="checkbox"/> | <input type="checkbox"/> |               |          |

Conditions:

B100a only

Approval to construct by: B100a J. Klayn 10/17/18  
 Sanitarian's Signature Date

Created: \_\_\_\_\_  
Date / Initials

Permit to Discharge by: \_\_\_\_\_  
 Sanitarian's Signature Date

Created: \_\_\_\_\_  
Date / Initials

# LEGEND

| EXISTING               | PROPOSED               |
|------------------------|------------------------|
| 182                    | 182                    |
| CONTOURS               | CONTOURS               |
| PROPERTY LINE          | PROPERTY LINE          |
| WETLAND LINE           | WETLAND LINE           |
| WATERCOURSE            | WATERCOURSE            |
| STRUCTURE              | STRUCTURE              |
| STONE WALL             | STONE WALL             |
| EDGE OF PAVEMENT       | EDGE OF PAVEMENT       |
| 8" OR STORM SEWER PIPE | 8" OR STORM SEWER PIPE |
| 6" PUC                 | 6" PUC                 |
| FILTER FABRIC FENCE    | FILTER FABRIC FENCE    |
| M&D TRACKING BED       | M&D TRACKING BED       |
| TEST PIT               | TEST PIT               |
| PERCOLATION TEST       | PERCOLATION TEST       |
| SPOT ELEVATION         | SPOT ELEVATION         |

### GENERAL CONSTRUCTION NOTES:

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- THERE ARE NO STORM WATER DRAINAGE SYSTEMS WITHIN 25' (NOT OVER GRADING) OF THE PROPOSED SEWAGE DISPOSAL SYSTEM CODE COMPLYING AREA ON ANY OF THE ADJACENT PROPERTIES.
- THERE ARE NO WELLS WITHIN 75' OF THE PROPOSED SEWAGE DISPOSAL SYSTEM CODE COMPLYING AREA ON ANY OF THE ADJACENT PROPERTIES.
- THERE ARE NO SEWAGE DISPOSAL SYSTEMS WITHIN 25' OF THE PROPOSED SEWAGE DISPOSAL SYSTEM CODE COMPLYING AREA ON ANY OF THE ADJACENT PROPERTIES.
- THERE ARE NO GEOTHERMAL SYSTEMS WITHIN 50' OF THE PROPOSED SEWAGE DISPOSAL SYSTEM CODE COMPLYING AREA ON ANY OF THE ADJACENT PROPERTIES.
- SOIL TESTS IN THE AREA OF THE PROPOSED SEWAGE DISPOSAL SYSTEM CODE COMPLYING AREA INDICATE A RESTRICTIVE LAYER GREATER THAN 80". THEREFORE THE MINIMUM LEACHING SYSTEM SPREAD CALCULATION IS NOT REQUIRED.
- EXISTING CONDITIONS INFORMATION OBTAINED FROM A PLAT PLAN PREPARED FOR CHRISTINE GOULD & ALEXANDER CHRISTON PREPARED BY LEONARD SURVEYORS, LLC, WESTPORT, CT. DATED: SEPTEMBER 3, 2018. ALL UTILITY INFORMATION TAKEN FROM DATA ON FILE AT THE WESTPORT HEALTH DISTRICT.

### TEST PITS

OCTOBER 9, 2018

Test Pit #100

00 - 10" TOPSOIL

10 - 22" SELECT FILL

22 - 42" ORIGINAL ORGANIC LAYER

42 - 84" BROWN COARSE SAND & GRAVEL

\* GROUND WATER AT 87"

\* MOTTLES AT 42"

\* NO LEDGE

Test Pit #101

00 - 05" TOPSOIL

05 - 36" BROWN COARSE SAND & GRAVEL

36 - 72" GREY/BROWN COARSE SAND

\* GROUND WATER AT 86"

\* NO MOTTLES

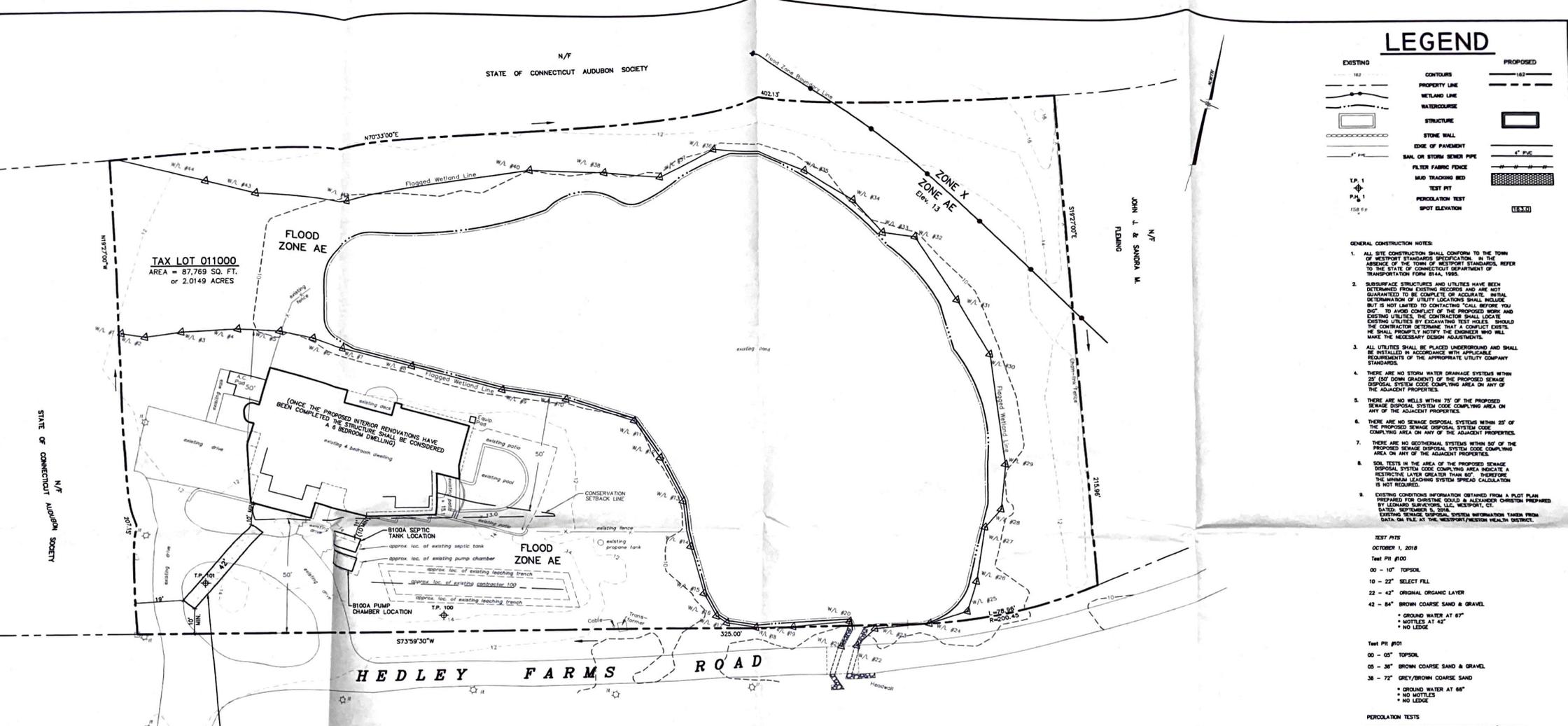
\* NO LEDGE

PERCOLATION TESTS

SOIL PERCOLATION RATE ON FILE AT R.W. 101.1" IN 5 MIN.

|  |          |
|--|----------|
| CHRISTINE GOULD & ALEXANDER CHRISTON         | DATE     |
| 12 HEDLEY FARMS ROAD; WESTPORT, CT           | 10/3/18  |
| CODE COMPLYING SEWAGE DISPOSAL SYSTEM PLAN   | SCALE    |
|  | AS NOTED |
|  | PROJECT  |
|  | 302'     |
|  | SHEET    |
|  | 1 of 1   |
| <b>B100A PLAN</b>                            |          |
| <b>C SITE CHAPPA SITE CONSULTING, LLC</b>    |          |
| 3255 Fairfield Avenue - Bridgeport, CT 06605 |          |
| phone: (203) 576-1755                        |          |

B100A  
with frame  
LWS10



**B100A PLAN**  
SCALE: 1" = 20'

IN THE EVENT THE PROPOSED B100A CODE COMPLYING SEWAGE DISPOSAL SYSTEM NEEDS TO BE INSTALLED THE EXISTING WATER SERVICE LOCATION SHALL BE DETERMINED TO CONFIRM THAT THE MINIMUM 10' SEPARATING DISTANCE EXISTS. IF THE PROPER SEPARATING DISTANCE DOES NOT EXIST, THE WATER SERVICE SHALL BE RELOCATED AS REQUIRED.

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42 LF.-24" GEOMATRIX (G82-24) = 760 S.F. OF EFFECTIVE LEACHING AREA.  
MINIMUM LEACHING SYSTEM SPREAD:  
MINIMUM LEACHING SYSTEM SPREAD IS NOT REQUIRED

UTILITY LOCATIONS ARE GUARANTEED. CONTRACTOR SHALL NOTIFY CALL BEFORE YOU DIG PRIOR TO ANY EXCAVATION.

DESIGNED BY WILLIAM J. CHAPPA

NOT FOR CONSTRUCTION  
FOR REVIEW AND APPROVAL BY PUBLIC AGENCIES ONLY

N/F  
STATE OF CONNECTICUT AUDUBON SOCIETY

N/F  
STATE OF CONNECTICUT AUDUBON SOCIETY

N/F  
JOHN T. & SARAH M. FLEMING

TAX LOT 011000  
AREA = 87,769 SQ. FT.  
OR 2.0149 ACRES

FLOOD ZONE AE

ZONE X  
ZONE AE  
Elev. 13

HEDLEY FARMS ROAD

**B100A PLAN**  
SCALE: 1" = 20'