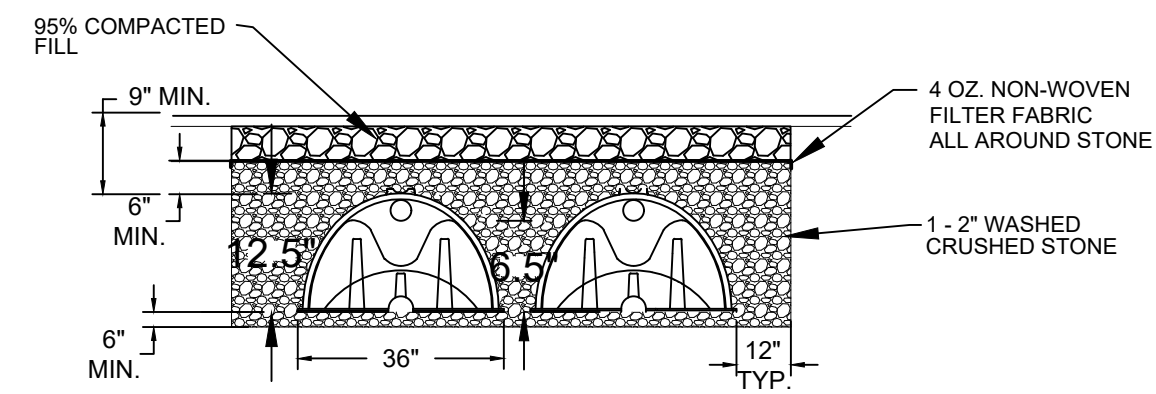
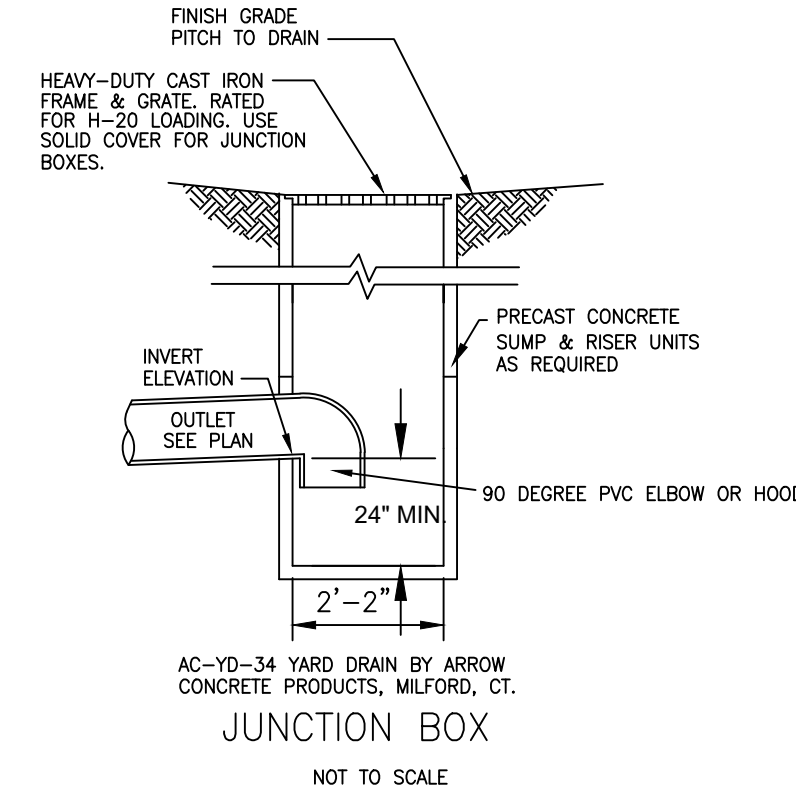


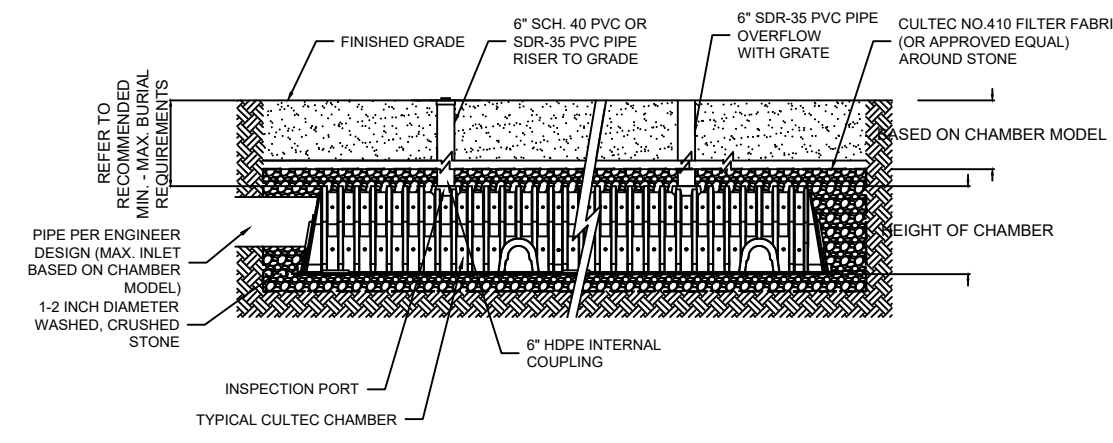
FCE Project #	2238	Date Performed:	10/3/2023
Client:	Graham Mellen		
Location:	119 Weston Road, Weston		
Observed by:	Wayne D'Avanzo		
Test Hole 1:	0-9" Topsoil 5-29" Brown Silty Loam 29-63" Brown Gravel and Silt Ground Water @ 44" Mottling @ 29" No Ledge Roots to 31"		
Test Hole 2:	0-6" Topsoil 6-22" Brown Silty Loam 22-64" Brown Gravel and Silt Ground Water @ 45" Mottling @ 22" No Ledge Roots to 28"		
Test Hole 3:	0-6" Topsoil 6-14" Brown Silty Loam 14-46" Brown Gravel and Silt Ground Water @ 24" Mottling @ 12" No Ledge Roots to 18"		
Test Hole 4:	0-8" Topsoil 8-19" Brown Silty Loam 19-46" Brown Gravel and Silt Ground Water @ 41" Mottling @ 19" No Ledge Roots to 25"		



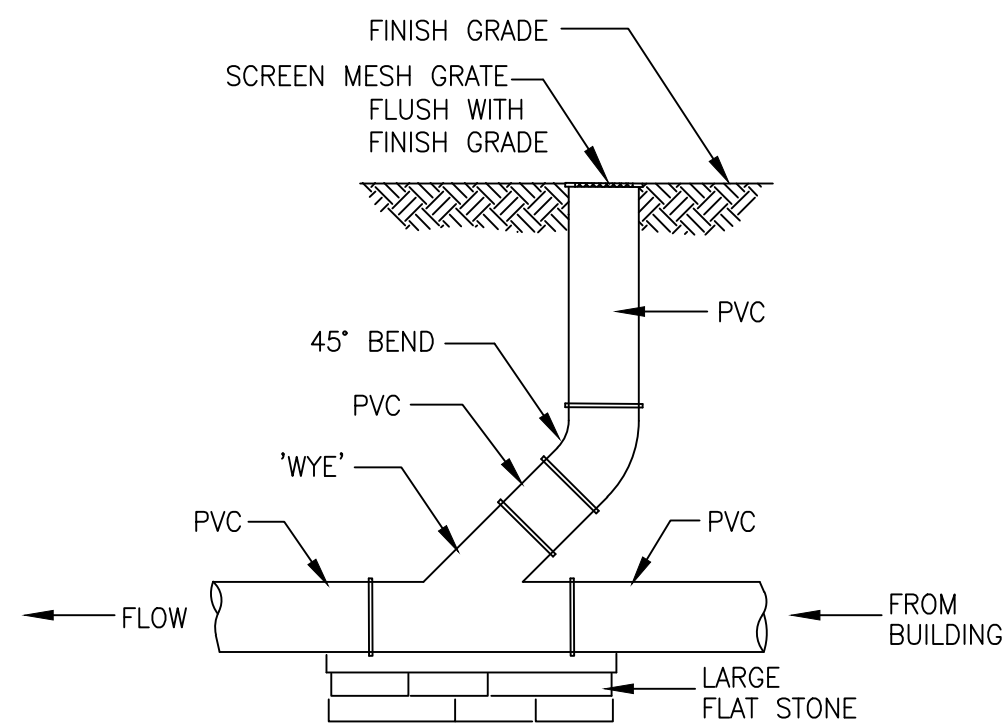
CULTEC CONTRACTOR C-100
TYPICAL CROSS SECTION



AC-10-34 YARD DRAIN BY ARROW
CONCRETE PRODUCTS, MILFORD, CT.
JUNCTION BOX
NOT TO SCALE



NUMBER OF UNITS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.
CULTEC INSPECTION PORT AND OVERFLOW
(AS APPLICABLE)



TYPICAL CLEANOUT
NOT TO SCALE

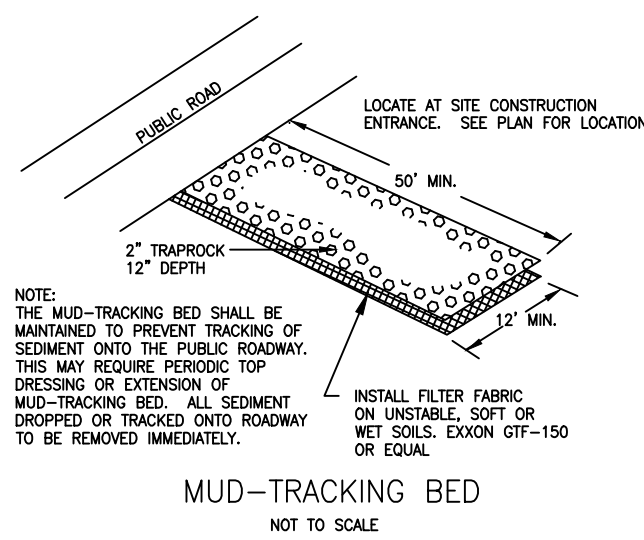
Conducted by:	Wayne D'Avanzo	Project:	2238
Location:	119 Weston Road	Town:	Weston
Client:	Graham Mellen	Date:	10/3/2023

Weather conditions prior to and during tests:
Clear

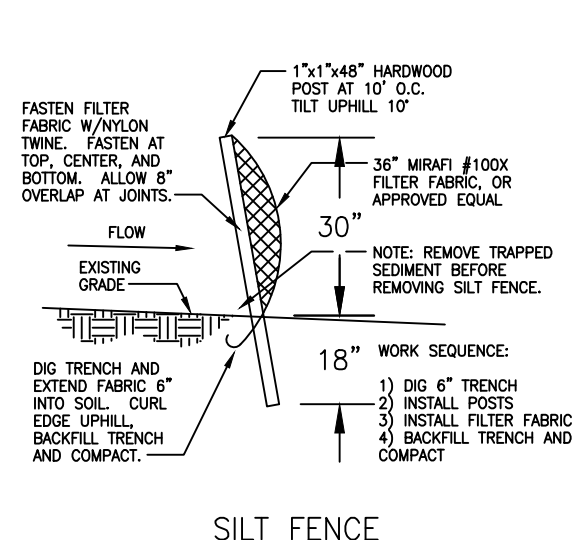
Single Lot:	X	Subdivision:	
Diameter of Hole:	8"	Depth of Hole:	24"

PT-1 Design
Pre-soak @ 12:48 PM 1 1/10 Min.

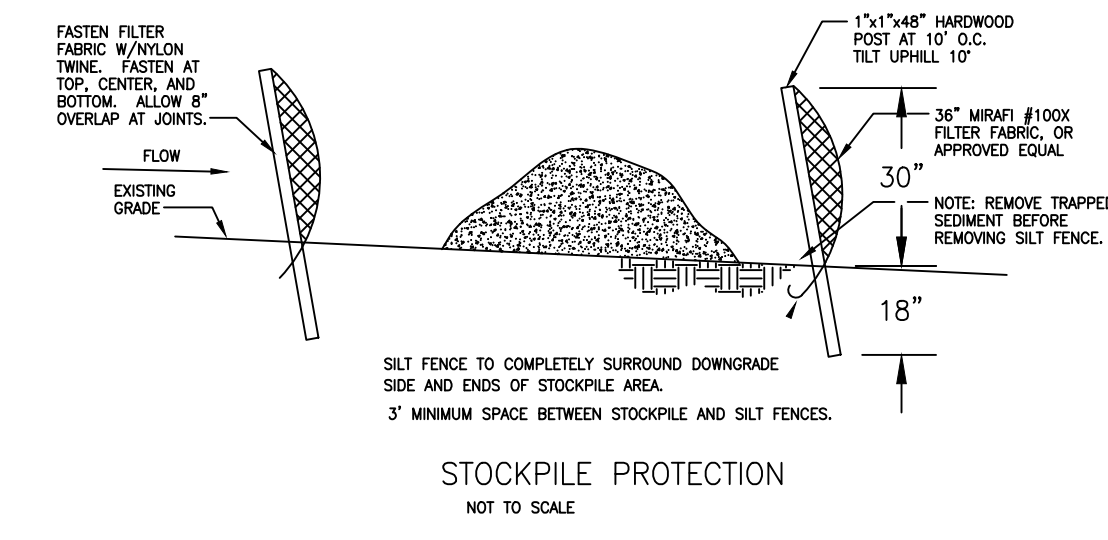
Time	Time Increment	Depth to Water	Drop in inches	Soil Percolation Rate Time to drop 1 inch
2:05 PM	---	4 5/8"	---	---
2:15 PM	10 Min.	6 3/4"	2 1/8"	4.7 Min.
2:25 PM	10 Min.	8 1/4"	1 1/2"	6.7 Min.
2:35 PM	10 Min.	10"	1 3/4"	5.7 Min.
2:45 PM	10 Min.	11 5/8"	1 5/8"	6.2 Min.
2:55 PM	10 Min.	13"	1 3/8"	7.3 Min.
3:05 PM	10 Min.	14 1/8"	1 1/8"	8.9 Min.



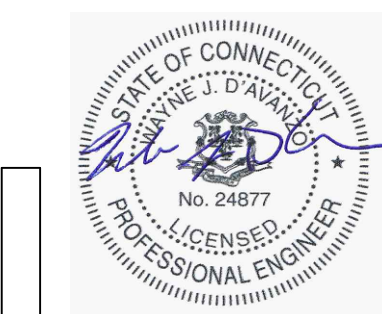
MUD-TRACKING BED
NOT TO SCALE



SILT FENCE
NOT TO SCALE



STOCKPILE PROTECTION
NOT TO SCALE



GRAHAM MELLEN	
119 WESTON ROAD WESTON, CONNECTICUT	
DETAIL SHEET	
10-3-23 date	2238 project
CIVIL ENGINEERS	
FAIRFIELD COUNTY ENGINEERING L.L.C.	
60 WINFIELD STREET, NORWALK, CONNECTICUT 06855 PH: (203) 831-8005 FAX: (203) 831-8006	

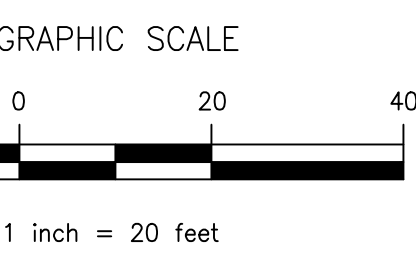
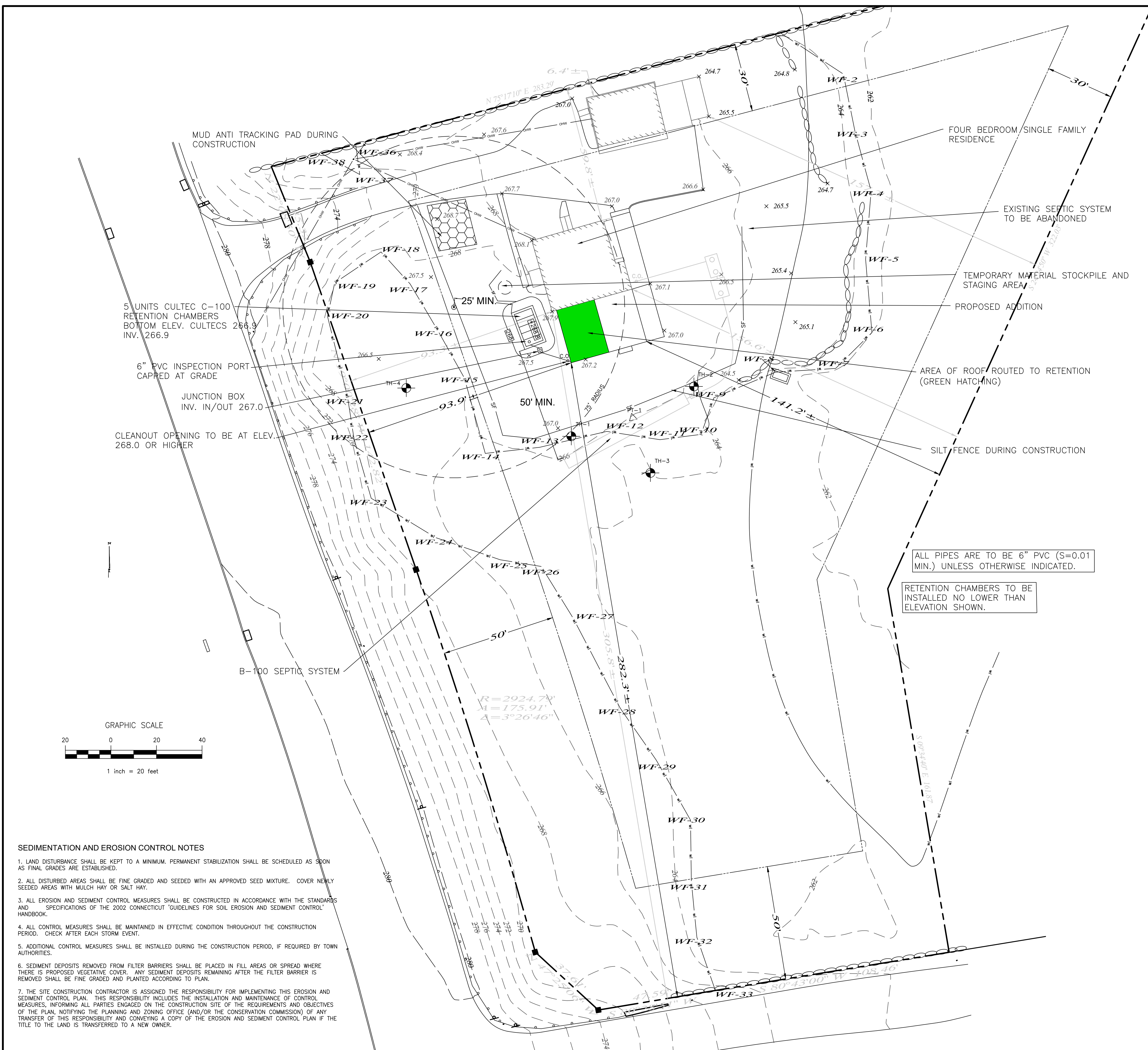
GENERAL CONSTRUCTION NOTES:

- CONSTRUCTION AND STRUCTURES SHALL COMPLY WITH ALL MUNICIPAL OR STATE REQUIREMENTS. ALL WORK SHALL BE CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER, TO THE SATISFACTION OF THE ENGINEERING BUREAU, THAT CONSTRUCTION IS IN ACCORDANCE WITH THESE PLANS.
- THE ENGINEERING BUREAU OF THE DEPARTMENT OF PUBLIC WORKS AND THE ENGINEER OF RECORD SHALL BE NOTIFIED THREE DAYS PRIOR TO THE COMMENCEMENT OF EACH PHASE OF CONSTRUCTION.
- NO CERTIFICATE OF CONFORMANCE TO STANDARDS SHALL BE ISSUED BY THE DESIGN ENGINEER IF PROPER NOTICE IS NOT PROVIDED FOR INSPECTIONS OR IF INSPECTIONS ARE NOT MADE PRIOR TO BACKFILLING OF BELOW GROUND STRUCTURES AND APPURTENANCES.
- SUBSURFACE STRUCTURES AND UTILITIES HAVE BEEN DETERMINED FROM EXISTING RECORDS AND ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE. IN ORDER TO AVOID CONFLICT OF THE PROPOSED WORK AND EXISTING UTILITIES, THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES BY EXCAVATING TEST HOLES. IF THE CONTRACTOR DETERMINES THAT A CONFLICT EXISTS, HE SHALL IMMEDIATELY NOTIFY THE ENGINEER, WHO WILL MAKE THE NECESSARY ADJUSTMENTS.
- EXISTING PROPERTY AND UTILITY INFORMATION WAS TAKEN FROM A SURVEY PROVIDED BY THE HOMEOWNER.
- ALL SANITARY SEWER PIPE SHALL BE EITHER SDR-35 P.V.C. (ASTM D-3034) OR CLASS 52 DUCTILE IRON (ANSI A 21-51), AS INDICATED ON THE PLANS, UNLESS OTHERWISE INDICATED. ALL SANITARY SEWER PIPE SHALL HAVE RUBBER GASKET SLIP-TYPE JOINTS. INFILTRATION INTO SANITARY SEWERS SHALL NOT EXCEED 150 GALLONS PER INCH OF PIPE DIAMETER PER MILE OF PIPE IN 24 HOURS.
- THESE PLANS ARE FOR MUNICIPAL OR STATE AGENCY APPROVAL ONLY. NOT FOR CONSTRUCTION.
- NO PIPE SHALL HAVE A BEND OF GREATER THAN 45 DEGREES.
- THE CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" AT 1-800-922-4455, OR OTHER APPROPRIATE CONTACT POINT PRIOR TO START OF CONSTRUCTION.
- ALL UTILITY LOCATIONS ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THE LOCATION OF THE UTILITIES IN THE FIELD BY WHATEVER MEANS HE DEEMS PRUDENT.
- THIS DESIGN CONFORMS TO APPLICABLE CODES AND ACCEPTED PRACTICE, NO OTHER WARRANTY IS EXPRESSED OR IMPLIED.
- TOTAL SITE AREA = 2.382 ACRES

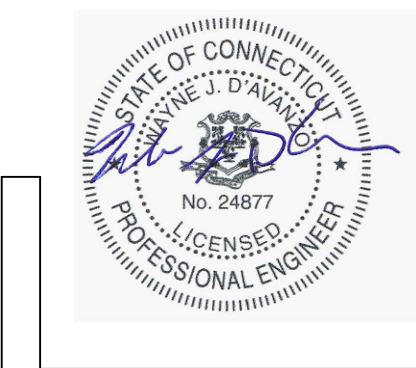


ALL PIPES ARE TO BE 6" PVC (S=0.01 MIN.) UNLESS OTHERWISE INDICATED.

RETENTION CHAMBERS TO BE INSTALLED NO LOWER THAN ELEVATION SHOWN.



- SEDIMENTATION AND EROSION CONTROL NOTES**
- LAND DISTURBANCE SHALL BE KEPT TO A MINIMUM. PERMANENT STABILIZATION SHALL BE SCHEDULED AS SOON AS FINAL GRADES ARE ESTABLISHED.
 - ALL DISTURBED AREAS SHALL BE FINE GRADED AND SEEDED WITH AN APPROVED SEED MIXTURE. COVER NEWLY SEEDED AREAS WITH MULCH HAY OR SALT HAY.
 - ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE 2002 CONNECTICUT 'GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL' HANDBOOK.
 - ALL CONTROL MEASURES SHALL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. CHECK AFTER EACH STORM EVENT.
 - ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED DURING THE CONSTRUCTION PERIOD, IF REQUIRED BY TOWN AUTHORITIES.
 - SEDIMENT DEPOSITS REMOVED FROM FILTER BARRIERS SHALL BE PLACED IN FILL AREAS OR SPREAD WHERE THERE IS PROPOSED VEGETATIVE COVER. ANY SEDIMENT DEPOSITS REMAINING AFTER THE FILTER BARRIER IS REMOVED SHALL BE FINE GRADED AND PLANTED ACCORDING TO PLAN.
 - THE SITE CONSTRUCTION CONTRACTOR IS ASSIGNED THE RESPONSIBILITY FOR IMPLEMENTING THIS EROSION AND SEDIMENT CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, NOTIFYING THE PLANNING AND ZONING OFFICE (AND/OR THE CONSERVATION COMMISSION) OF ANY TRANSFER OF THIS RESPONSIBILITY AND CONVEYING A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED TO A NEW OWNER.



10-3-23 date	REV. 4/16/24: WETLANDS ADDED.
	GRAHAM MELLEN 119 WESTON ROAD WESTON, CONNECTICUT
	DRAINAGE PLAN CIVIL ENGINEERS
FAIRFIELD COUNTY ENGINEERING L.L.C. 60 WINFIELD STREET, NORWALK, CONNECTICUT 06855 PH: (203) 831-8005 FAX: (203) 831-8006	2238 project 1 OF 2 sheet

DRAINAGE REPORT
PREPARED FOR
EXISTING AND PROPOSED SITE CONDITIONS

LOCATED AT:

119 WESTON ROAD

WESTON, CONNECTICUT

FCE #2238



March 29, 2024

FAIRFIELD COUNTY ENGINEERING, LLC
CIVIL ENGINEERS

60 WINFIELD ST.
NORWALK, CONNECTICUT 06855
(203) 831-8005
FAX: (203) 831-8006
E-mail to: wayne@fairfieldce.com



NARRATIVE:

The subject of this report is a 2.382 acre parcel located at 119 Weston Road in Weston. The purpose of this report is to determine the existing and proposed runoffs resulting from the proposed site improvements in order to design a stormwater management system.

EXISTING CONDITIONS:

The subject parcel is located at the east side of Easton Road, approximately 200 feet from Kettle Creek Road. The lot currently contains a single family residence, driveway, detached garage walk. The lot slopes gently across its depth, from the road to the rear, generally from the west to the east.

Existing soils at this location, as identified in the NRCS Soil Survey of Fairfield County, Connecticut, consist of a combination of Ridgebury, Leicester and Whitman soils, 0 to 8 percent slopes, extremely stony, which has a Hydrologic classification of "D", and Paxton and Montauk fine sandy loams, 3 to 8 percent slopes, which has a Hydrologic classification of "C".

For the purposes of this analysis, a Hydrologic classification of "C" is used.

The existing runoff as developed from a 50-Year rainfall event is 14.54 c.f.s.

PROPOSED CONDITIONS:

The proposal for this site is to construct an addition to the residence.

The proposed runoff (unmitigated) from a 50-Year rainfall event is 14.54 c.f.s.

COMPUTATIONS:

The following computations of the existing and proposed conditions runoff flows were derived from the HydroCAD computer software. HydroCAD follows the NRCS TR-20 procedure for computing stormwater runoff. Computations were performed for a 50-year storm event, which has a 2% chance of occurring in any given 12 month period.

Existing Conditions:

House	1,184 s.f.	CN 98
Driveway	4,046 s.f.	CN 98
Garage	705 s.f.	CN 98
Patios	685 s.f.	CN 98
Walk	111 s.f.	CN 98
Lawn	97,045 s.f.	CN 79
Total -	103,776 s.f.	

Weighted CN - **80**

Proposed Conditions:

House	2,007 s.f.	CN 98
Driveway	4,046 s.f.	CN 98
Garage	705 s.f.	CN 98
Patios	873 s.f.	CN 98
Walk	111 s.f.	CN 98
Lawn	96,034 s.f.	CN 79
Total -	103,776 s.f.	

Weighted CN - **80**

Water Quality Volume

$$I = (7.5 \times 0.009) + 0.05 = 0.1175$$

$$WQV = (0.1175 (2.382 \text{ acres})/12) = 0.0233237 \text{ ac-ft} = 1,016.0 \text{ ft}^3.$$

Groundwater Recharge Volume

$$GWV = 1,016.0 \times 0.1 = 101.6 \text{ ft}^3.$$

SUMMARY

Existing Runoff (50 Year):	14.54 c.f.s.
Proposed Runoff (50 Year):	14.54 c.f.s.
Proposed Impervious Run-off Retained (50 Year):	0.07 c.f.s
Proposed Run-off from Areas Bypassing Retention plus overflow (50 Year):	14.52 c.f.s.

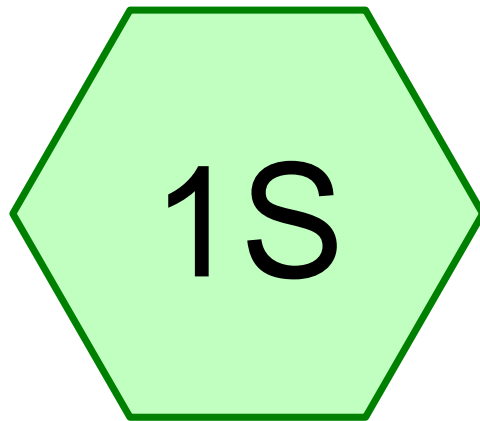
CONCLUSIONS:

The increased runoff resulting from the proposed site improvements will be retained in an on-site retention system. The runoff from a portion of the house roof will be routed to 5 units of Cultec C-100 retention chambers.

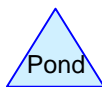
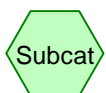
This system will decrease the net peak runoff during a 50 Year storm to 14.52 c.f.s. from its current peak of 14.52 c.f.s.

The proposed retention system provides 150 ft³ of storage, which will accommodate the runoff from a 50 Year rainfall event routed to the system, and provides groundwater recharge.

The proposed improvements will have no adverse impact on surrounding properties.



Existing Conditions



Routing Diagram for 2238Existing

Prepared by Fairfield County Engineering LLC, Printed 3/29/2024
HydroCAD® 10.00-26 s/n 06020 © 2020 HydroCAD Software Solutions LLC

Summary for Subcatchment 1S: Existing Conditions

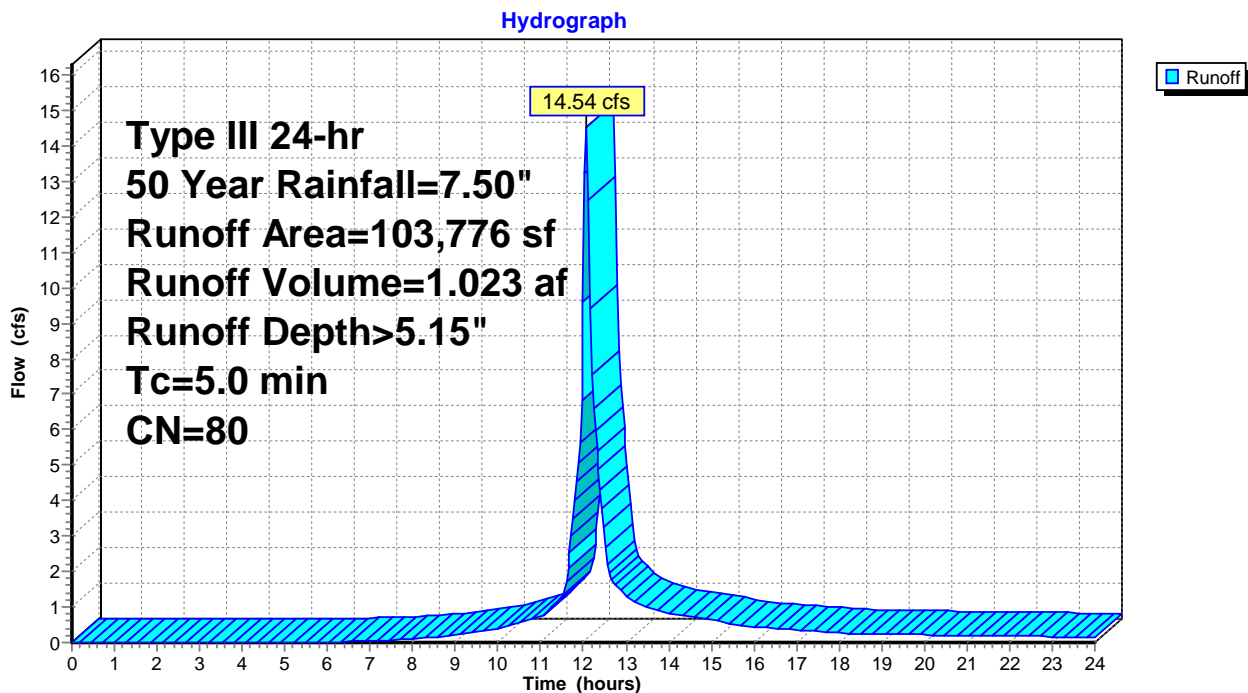
Runoff = 14.54 cfs @ 12.08 hrs, Volume= 1.023 af, Depth> 5.15"

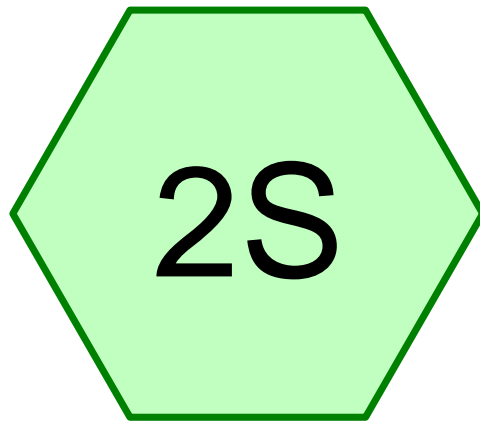
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.04 hrs
 Type III 24-hr 50 Year Rainfall=7.50"

	Area (sf)	CN	Description
*	1,184	98	House
*	4,046	98	Driveway
*	705	98	Garage
*	685	98	Patios
*	111	98	Walk
	97,045	79	50-75% Grass cover, Fair, HSG C
	103,776	80	Weighted Average
	97,045		93.51% Pervious Area
	6,731		6.49% Impervious Area

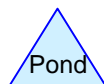
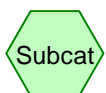
Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry, Direct

Subcatchment 1S: Existing Conditions





Proposed Conditions



Routing Diagram for 2238Proposed

Prepared by Fairfield County Engineering LLC, Printed 3/29/2024
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Summary for Subcatchment 2S: Proposed Conditions

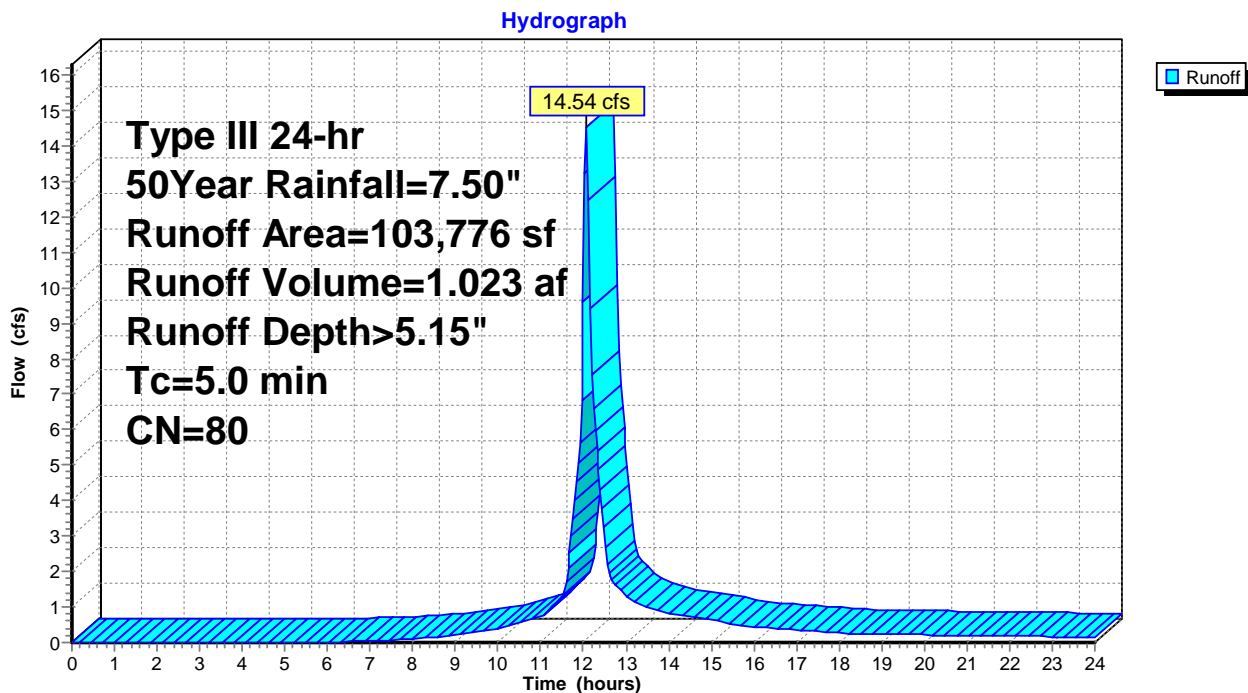
Runoff = 14.54 cfs @ 12.08 hrs, Volume= 1.023 af, Depth> 5.15"

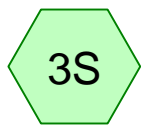
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.04 hrs
 Type III 24-hr 50Year Rainfall=7.50"

Area (sf)	CN	Description
* 2,007	98	House
* 4,046	98	Driveway
* 705	98	Garage
* 873	98	Patios
* 111	98	Walk
96,034	79	50-75% Grass cover, Fair, HSG C
103,776	80	Weighted Average
96,034		92.54% Pervious Area
7,742		7.46% Impervious Area

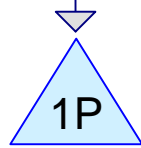
Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry, Direct

Subcatchment 2S: Proposed Conditions

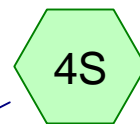




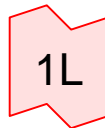
Areas Routed to Retention



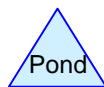
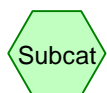
Cultec C-100



Areas not Routed to Retention



Combined Hydrograph



Routing Diagram for 2238Combined

Prepared by Fairfield County Engineering LLC, Printed 3/29/2024
HydroCAD® 10.00-26 s/n 06020 © 2020 HydroCAD Software Solutions LLC

Summary for Subcatchment 3S: Areas Routed to Retention

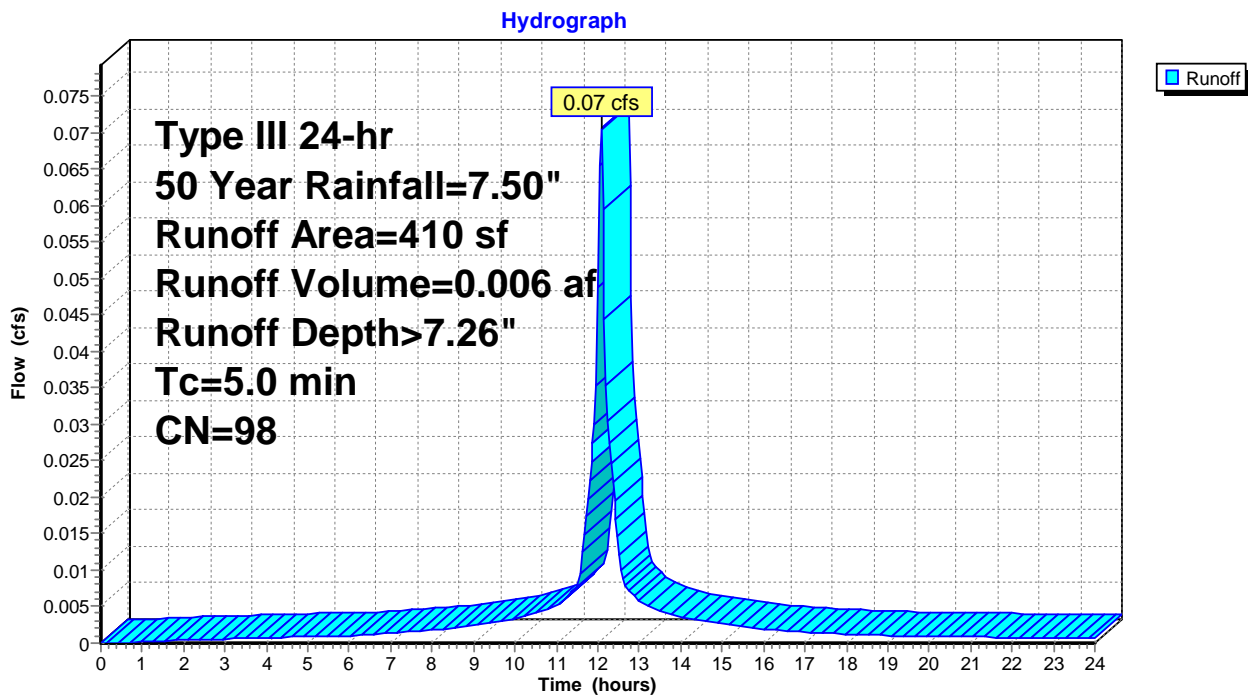
Runoff = 0.07 cfs @ 12.07 hrs, Volume= 0.006 af, Depth> 7.26"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.04 hrs
 Type III 24-hr 50 Year Rainfall=7.50"

Area (sf)	CN	Description
* 410	98	Portion of House roof
410		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry, Direct

Subcatchment 3S: Areas Routed to Retention



Summary for Subcatchment 4S: Areas not Routed to Retention

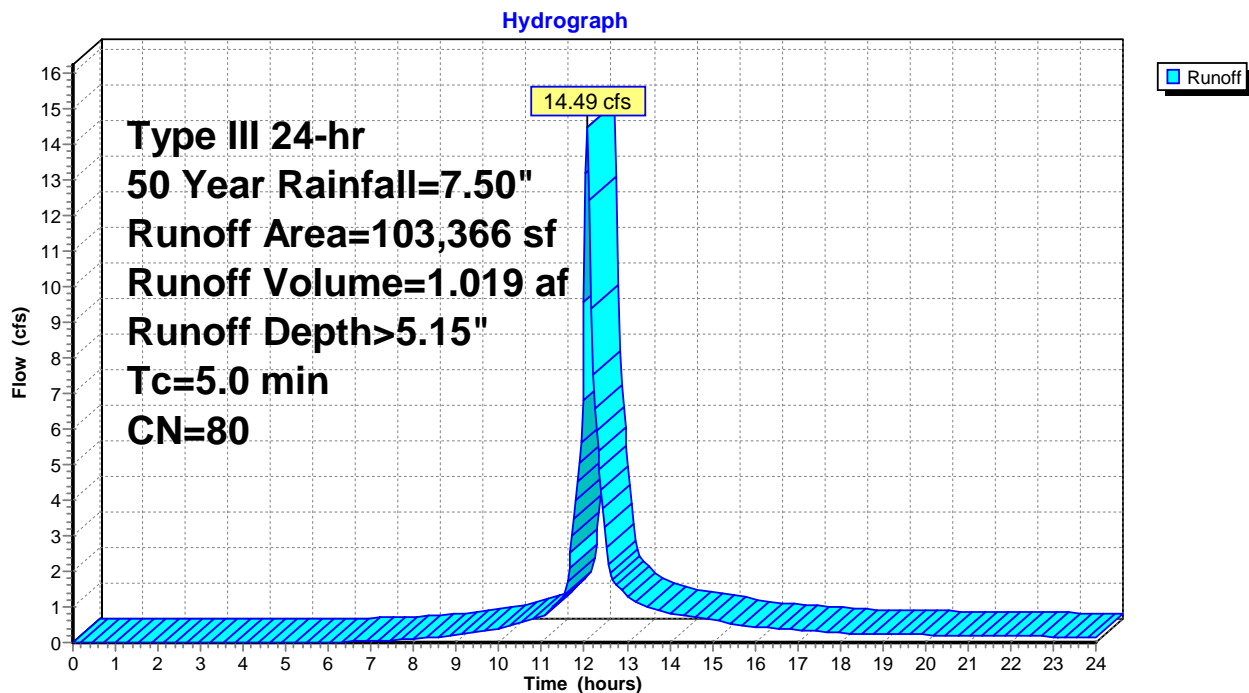
Runoff = 14.49 cfs @ 12.08 hrs, Volume= 1.019 af, Depth> 5.15"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.04 hrs
 Type III 24-hr 50 Year Rainfall=7.50"

Area (sf)	CN	Description
* 1,597	98	House
* 4,046	98	Driveway
* 705	98	Garage
* 873	98	Patios
* 111	98	Walk
96,034	79	50-75% Grass cover, Fair, HSG C
103,366	80	Weighted Average
96,034		92.91% Pervious Area
7,332		7.09% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry, Direct

Subcatchment 4S: Areas not Routed to Retention



Summary for Pond 1P: Cultec C-100

Inflow Area = 0.009 ac, 100.00% Impervious, Inflow Depth > 7.26" for 50 Year event
 Inflow = 0.07 cfs @ 12.07 hrs, Volume= 0.006 af
 Outflow = 0.07 cfs @ 12.12 hrs, Volume= 0.003 af, Atten= 0%, Lag= 3.0 min
 Primary = 0.07 cfs @ 12.12 hrs, Volume= 0.003 af

Routing by Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.04 hrs
 Peak Elev= 267.10' @ 12.12 hrs Surf.Area= 170 sf Storage= 119 cf

Plug-Flow detention time= 248.9 min calculated for 0.003 af (53% of inflow)
 Center-of-Mass det. time= 124.8 min (865.6 - 740.8)

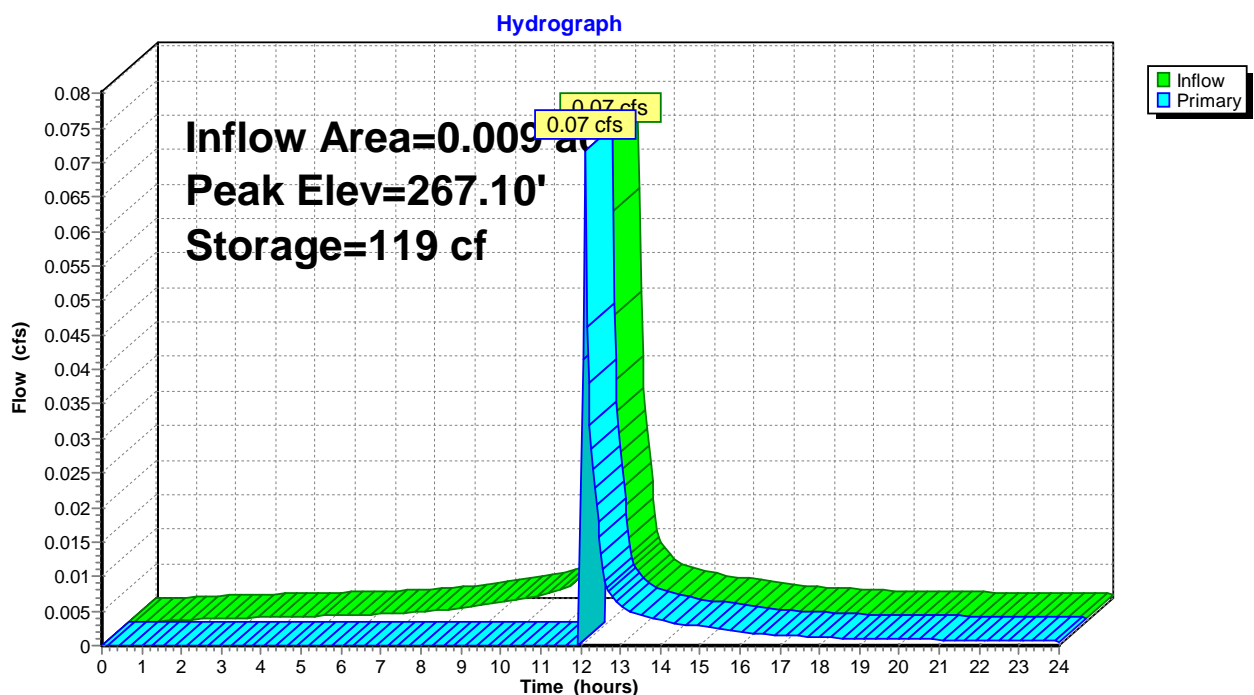
Volume	Invert	Avail.Storage	Storage Description
#1A	266.00'	75 cf	17.00'W x 10.00'L x 1.54'H Field A 262 cf Overall - 74 cf Embedded = 188 cf x 40.0% Voids
#2A	266.00'	74 cf	Cultec C-100HD x 5 Inside #1 Effective Size= 32.1"W x 12.0"H => 1.86 sf x 7.50'L = 14.0 cf Overall Size= 36.0"W x 12.5"H x 8.00'L with 0.50' Overlap Row Length Adjustment= +0.50' x 1.86 sf x 5 rows
		150 cf	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Primary	267.04'	6.0" Horiz. Orifice/Grate C= 0.600 Limited to weir flow at low heads

Primary OutFlow Max=0.07 cfs @ 12.12 hrs HW=267.10' (Free Discharge)
 ↳ **1=Orifice/Grate** (Weir Controls 0.07 cfs @ 0.78 fps)

Pond 1P: Cultec C-100

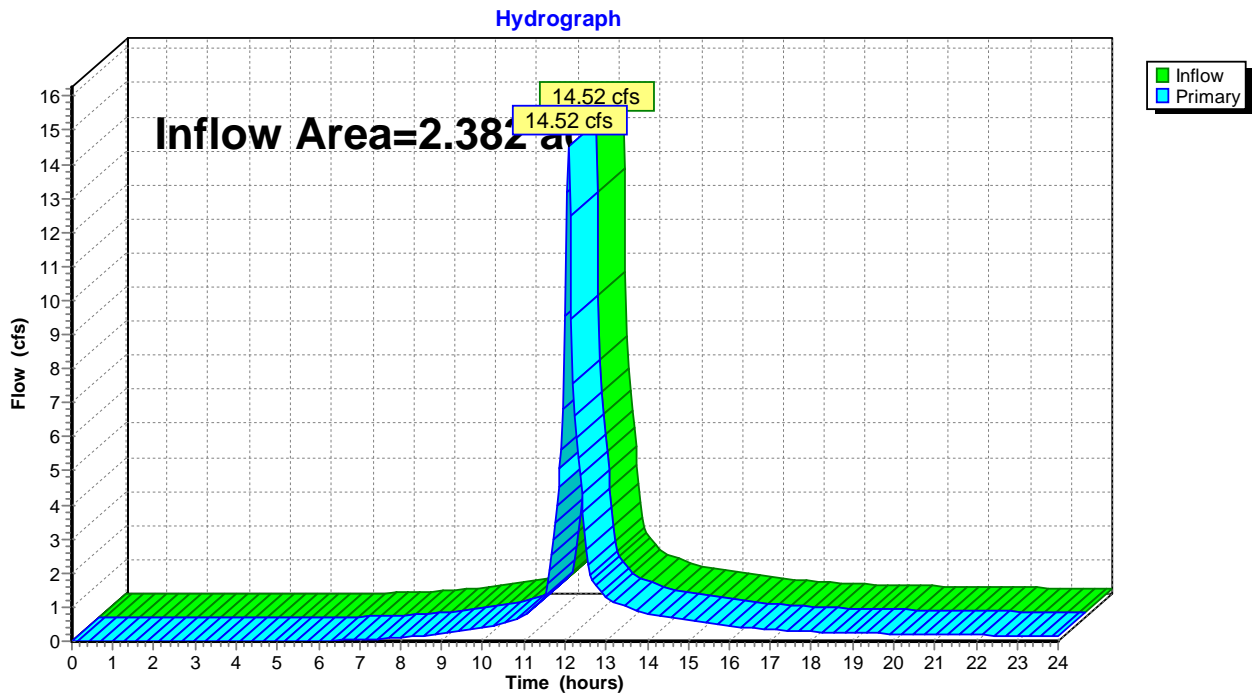


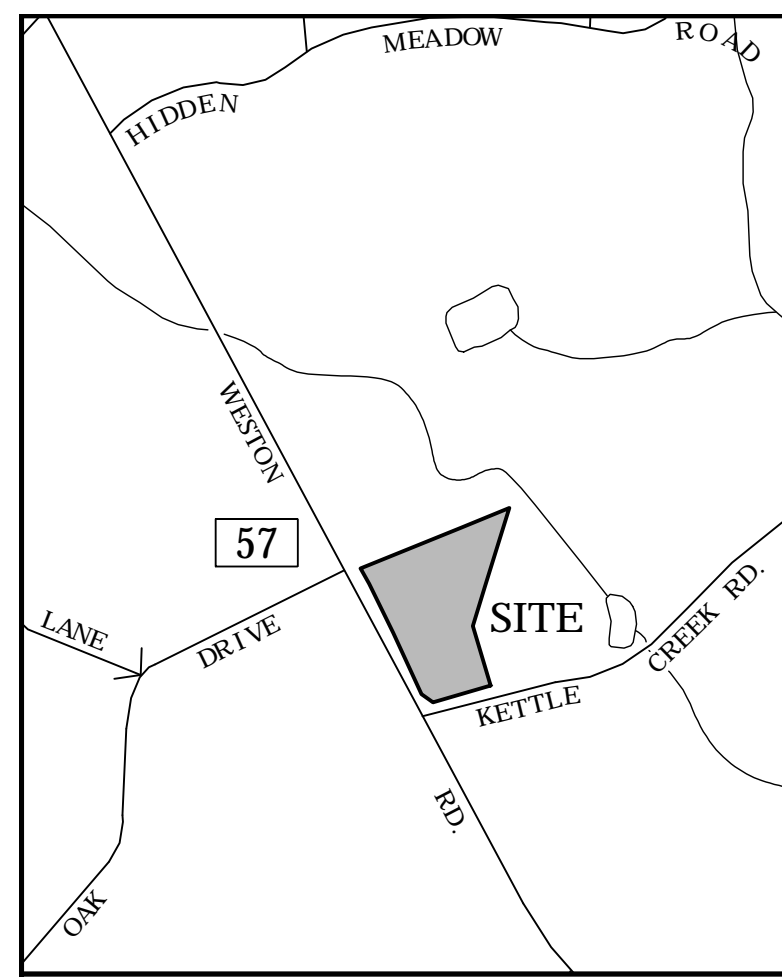
Summary for Link 1L: Combined Hydrograph

Inflow Area = 2.382 ac, 7.46% Impervious, Inflow Depth > 5.15" for 50 Year event
Inflow = 14.52 cfs @ 12.08 hrs, Volume= 1.022 af
Primary = 14.52 cfs @ 12.08 hrs, Volume= 1.022 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-24.00 hrs, dt= 0.04 hrs

Link 1L: Combined Hydrograph





ZONING DATA (2 ACRE RESIDENTIAL & FARMING DISTRICT)			
	REQUIRED/ALLOWED	EXISTING	PROPOSED
LOT AREA	2 Acres (min.) 87,120 sf (min.)	2,375± 103,449±	2,375± 103,449±
LOT FRONTAGE	170'	557.71'	557.71'
FRONT YARD	50 FT (min.)	93.3'	93.3'
SIDE YARD (each)	30 FT (min.)	59.8'± / 6.4'±	59.8'± / 6.4'±
REAR YARD	30 FT (min.)	156.6'±	141.2'±
BUILDING COVERAGE	15% (max.)	2.3%	3.1%
BUILDING HEIGHT	35 FT (max.)	27.4'±	27.4'±

Height is From Average Grade Around House (267.6) to Peak of Roof.

COVERAGE INCLUSIONS

Existing: Residence = 1,185 sf; Detached Garage w/ Sheds = 1,164 sf; Total = 2,349 sf
 Proposed: Residence = 2,019 sf; Detached Garage w/ Sheds = 1,164 sf; Total = 3,183 sf

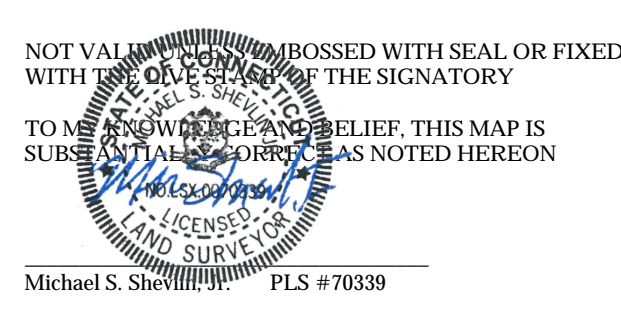
Referenced Plans:	Prepared For:	Prepared By:	Revised To:
Site	n/a	n/a	n/a
Architectural	Mellen / Coggins Residence	Bluepoint Design, LLC	11-30-23

- NOTES:**
- This survey and map has been prepared in accordance with the Sections 20-300b-1 through 20-300b-20 of the Regulations of Connecticut State Agencies, Adopted August 23, 2019 - "Minimum Standards for Survey and Maps in the State of Connecticut" as endorsed by the Connecticut Association of Land Surveyors, Inc. It is an Improvement Location based upon a Resurvey and conforms to Horizontal Accuracy Class A-2.
 - Reference is made to the following documents on file in the Weston Town Clerk's Office:
 - A. RM #2653 - "Map Of Property Prepared For John M. Bartholomew And Carmen D. Alchundia, Weston, Conn. Scale: 1" = 40'; Dated: March 26, 1987" prepared by Leo Leonard, C.E. & L.S.
 - B. RM #1287 - "Town Of Weston, Map Showing Land To Be Acquired From Alexander M. Fikula et al By The State Of Connecticut, Route 57; Scale: 1" = 40'; Dated: May, 1958"
 - C. RM #1231 - "Map Prepared For Alexander & Florence F. Brunberg, Weston, Conn., Scale: 1" = 60'; Dated: Sept, 1957"
 - D. RM #2395 - "Map Of Property Prepared For Elapheth A. Peck And Carol V. Wing, Weston, Conn.; Scale: 1" = 40'; Dated: March 2, 1976" prepared by Dennis A. Dellus - Land Surveyor.
 - E. RM #1340 - "Town Of Weston, Map Showing Land To Be Acquired From Vernon & Ella Clifford By The State Of Connecticut, Route 57; Scale: 1" = 40'; Dated: May, 1958"
 - The underground utilities shown, if any, have been located from visible field survey information. The surveyor makes no guarantee that the underground utilities shown comprise all such utilities in the area either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated. The surveyor has not physically located the underground utilities, unless specifically noted as such. It is the Contractor's responsibility to contact CALL BEFORE YOU DIG (CBYD) prior to commencement of any excavation, Dial 811 or 1-800-922-4455.
 - Property is located in FEMA Zone X. Per Flood Insurance Rate Map #09001C0403F, Effective Date: June 18, 2010; Panel 403 of 626.
 - Elevations are based on the Town of Weston GIS system.
 - Reference is hereby made to Connecticut General Statute 8-13a, as amended, with regards to existing structures three or more years old.
 - Distances shown ± from buildings to property lines are for reference purposes only and are not to be used to establish boundaries.
 - Zoning information shown on this map must be reviewed and confirmed by the appropriate Town of Weston authorities prior to use.
 - Property is served by well and septic system. (No septic system information on file with the Aspetuck Health Department).
 - Unauthorized alterations or additions to this survey, which bears the surveyor's embossed seal, renders any declaration shown herein null and void.
 - It is the owner's and/or contractor's responsibility to obtain any and all required permits and/or variances that may be required prior to any construction activity.
 - Proposed calculations are based on architectural plans submitted by the client. In some cases dimensions are scaled. It is the contractor's responsibility to adjust for staking that will be added to the structure with respect to coverage and setbacks. The surveyor assumes no responsibility for details that are not submitted for our review.

LEGEND

- HYDRANT
- MANHOLE
- ⊗ GAS VALVE
- UTILITY POLE
- WATER VALVE
- ⊗ LAMP POST
- CATCH BASIN
- ⊞ ELECTRIC BOX
- ⊞ SIGN
- ⊞ MAILBOX
- DECIDUOUS TREE
- CONIFEROUS TREE
- ⊞ TEST HOLE
- EXISTING IRON PIN
- EXISTING CONCRETE MONUMENT
- ⊞ STONE BOUND
- ⊞ HEDGE
- ⊞ STONEWALL
- WL — INLAND WETLANDS
- — METAL FENCE
- — WOOD FENCE
- — EXISTING CONTOUR LINE
- EXISTING SPOT ELEVATION

× 132.0

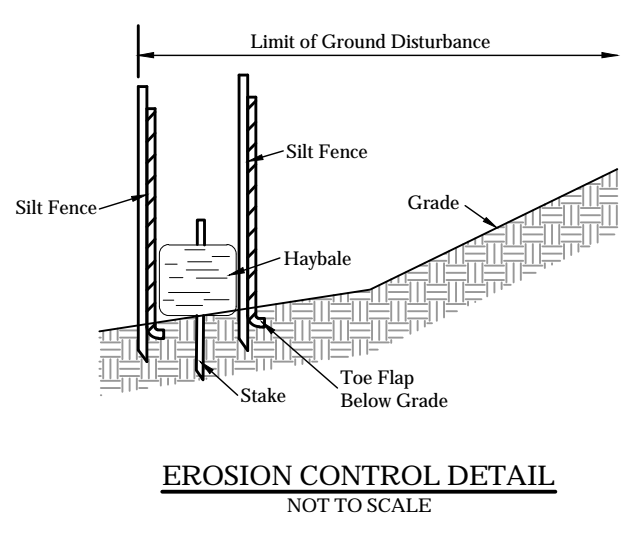


ALL WORK, LABOR, AND MATERIALS TO BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES AND LAWS WHICH SHALL TAKE PRECEDENCE OVER THESE DRAWINGS IN THE EVENT OF ERROR OR OMISSION HEREIN.

THE WORD "VERIFY" OR "RECHECK" IS UNDERSTOOD TO BE AN EXPRESSION OF PROFESSIONAL OPINION BY THE LAND SURVEYOR, AND NOT ENGINEER, WHICH IS BASED ON THEIR BEST KNOWLEDGE, INFORMATION AND BELIEF, AS SUCH IT CONSTITUTES NEITHER A GUARANTEE OR WARRANTY.

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IMPROVEMENT LOCATION SURVEY
 PREPARED FOR
GRAHAM MELLEN
 # 119 WESTON ROAD (CT ROUTE #57)
 WESTON, CONNECTICUT

NO.	DATE	DESCRIPTION	DATE:	SCALE:	DRAFTER:	JOB NUMBER:	PROJECT #:
2	3-27-24	Flagged Wetlands Added, Etc.	DECEMBER 12, 2022	1" = 30'	SJR	4622	4622
1	1-3-24	Proposed Addition Added					

THE HUNTINGTON COMPANY, LLC
 Consulting Engineers & Surveyors
 A Division Of Shevlin Land Surveying, LLC
 303 Linwood Avenue, Fairfield, CT 203.259.1091

1/1



Incorporated 1787

Conservation Commission

INLAND WETLANDS AND WATERCOURSES APPLICATION

This Application is for a five-year permit to conduct a regulated activity or activities pursuant to the Inland Wetlands and Watercourses Regulations of the Town of Weston ("The Regulations")

PROPERTY ADDRESS: 119 WESTON RD

Assessor's Map # _____ Block # _____ Lot # _____

PROJECT DESCRIPTION (general purpose) 2 STORY ADDITION To Include
Kitchen/Great Room MASTER SUITE

Total Acres 2.375 Total Acres of Wetlands and Watercourses _____

Acreage of Wetlands and Watercourses Altered _____ Upland Area Altered _____

Acres Linear Feet of Stream Alteration _____ Total Acres Proposed Open Space _____

OWNER(S) OF RECORD: (Please list all owners, attach extra sheet if necessary)

Name: GRAHAM MELLEN Phone: 610-299-7399

Address: 119 WESTON ROAD WESTON CT

Email: GRAHAM.mellen@gmail.com

APPLICANT/AUTHORIZED AGENT:

Name: SCOTT KILCOYNE Phone: 203-258-0896

Address: 355 CEDAR ROAD SOUTHPORT 06890

Email: SKILCOYNE@KILCOYNECONSTRUCTION.COM

CONSULTANTS: (Please provide, if applicable)

Engineer: WAYNE D'AVANZO Phone: 203-831-8005

Address: 60 WINDFIELD ST NORWALK CT 06855 Email: WAYNE@FAIRFIELDCE.COM

Soil Scientist: OTTO THEAL Phone: 203-247-0650

Address: 2 LLOYD RD NORWALK CT 06850 Email: SOILWETLANDSCI@AOL.COM

Legal Counsel: _____ Phone: _____

Address: _____ Email: _____

Surveyor: Huntington Company Phone: 203-259-1091

Address: 303 LINWOOD AVE FAIRFIELD CT Email: MIKE@SHEVLINLS.COM

PROPERTY INFORMATION

Property Address: 119 WESTON RD WESTON CT

Existing Conditions (Describe existing property and structures): 2 STORY SINGLE FAMILY HOME WITH DETACHED TWO CAR GARAGE W/ ATTACHED SHED

Provide a detailed description and purpose of proposed activity (attach sheet with additional information if needed): CONSTRUCT A 24'X34' TWO STORY ADDITION WITH KITCHEN/BREAKROOM AND MASTER SUITE

Is this property within a subdivision (circle): Yes or No
Square feet of proposed impervious surfaces (roads, buildings, parking, etc.): 1008 sq

Subject property to be affected by proposed activity contains:

- | | |
|--|--|
| <input checked="" type="checkbox"/> wetlands soils | <input type="checkbox"/> bog |
| <input type="checkbox"/> swamp | <input type="checkbox"/> lake or pond |
| <input type="checkbox"/> floodplain | <input type="checkbox"/> stream or river |
| <input type="checkbox"/> marsh | <input type="checkbox"/> other _____ |

The proposed activity will involve the following within wetlands, watercourse, and/or review area:

- | | | |
|---|--|--|
| <input type="checkbox"/> Alteration | <input checked="" type="checkbox"/> Construction | <input type="checkbox"/> Pollution |
| <input type="checkbox"/> Discharge to | <input type="checkbox"/> Discharge from | <input type="checkbox"/> Bridge or Culvert |
| <input type="checkbox"/> Removal of Materials | <input type="checkbox"/> Deposition of Materials | <input type="checkbox"/> Other _____ |

Amount, type, and location of materials to be removed, deposited, or stockpiled:
8064 CUBIC FEET OF SOIL TO BE STOCKPILED THEN GRADED.

Description, work sequence, and duration of activities:
EXCAVATE 3 STOCKPILE - POUR FOOTINGS AND WALLS - BACKFILL & GRADE - CONSTRUCT ADDITION APPROX 8 MONTHS

Describe alternatives considered and why the proposal described herein was chosen:
THE CURRENT LOCATION WAS THE ONLY LOGICAL SPOT FOR ADDITION

Does the proposed activity involve the installation and/or repair of an existing septic system(s) (circle): Yes or No

The Westport/Weston Health District Approval: _____