

FLOODWAY "NO-RISE / NO-IMPACT" CERTIFICATION

This document is to certify that I am duly qualified engineer licensed to practice in the State of

Connecticut . It is to further certify that the attached plans and data supports the fact
(State)

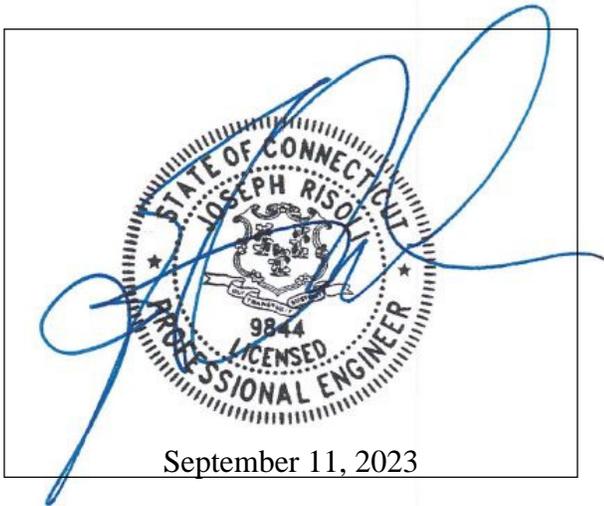
that the proposed Storage Area for Landscaping Materials will not impact the base flood
(Name of Development)

elevations, floodway elevations, and floodway widths on Springdale Brook at published
(Name of Stream)

cross sections in the Flood Insurance Study for the City of Stamford , dated August 29, 2023
(Name of community) (Date)

and will not impact the base flood elevations, floodway elevations, and floodway widths at the

unpublished cross-sections in the area of the proposed development.



Joseph F. Risoli, P.E.
Name

Project Manager
Title

406 E. Putnam Ave, Cos Cob, CT 06807
Address

FOR COMMUNITY USE ONLY:

Community Approval

Approved

Disapproved

Community Official's Name

Community Official's Signature

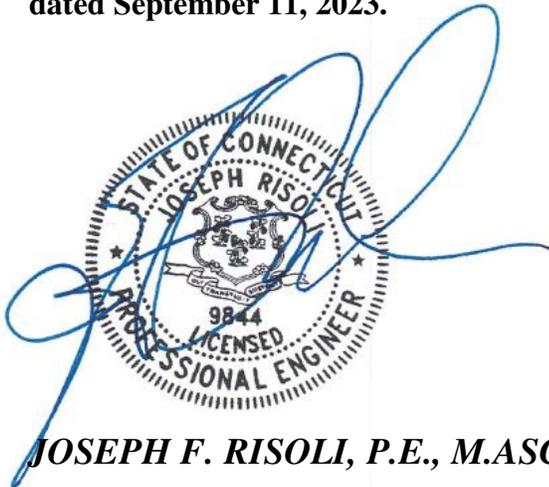
Title

**No-Rise/No-Impact Narrative
Proposed Landscaping Materials Storage Area
83 Camp Avenue, Stamford, CT
September 11, 2023**

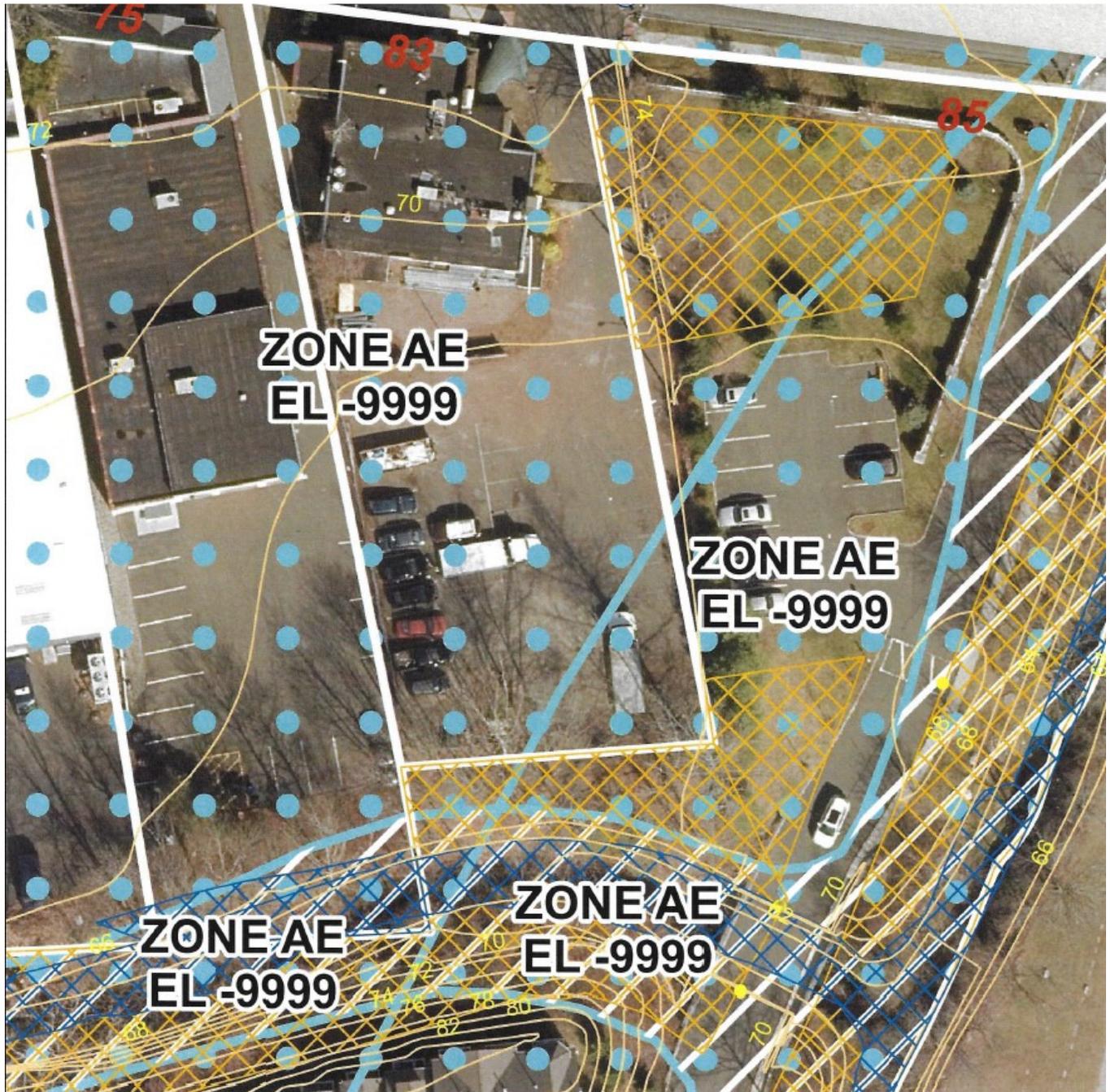
The property is situated south of Camp Avenue in between the intersection of Camp Avenue & Highview Ave and Camp Avenue Garland Drive in Stamford. Parcel area is equal to approximately 0.508 ± acres. The entire property is currently asphalted and sloped southwards towards the southern property line and onto Springdale Brook.

The asphalt pavement will remain and there will be no increase in impervious surfaces. Based on the 2016 Aerial, the contours remain the same (see attached 2016 aerial map and site topographic map).

The proposed activity is depicted on the plan titled “Site Development Plan”, sheet C-2.0, dated September 11, 2023.



JOSEPH F. RISOLI, P.E., M.ASCE

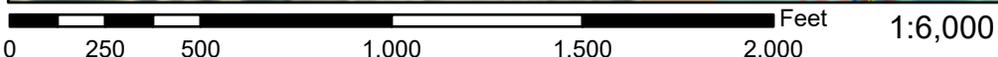
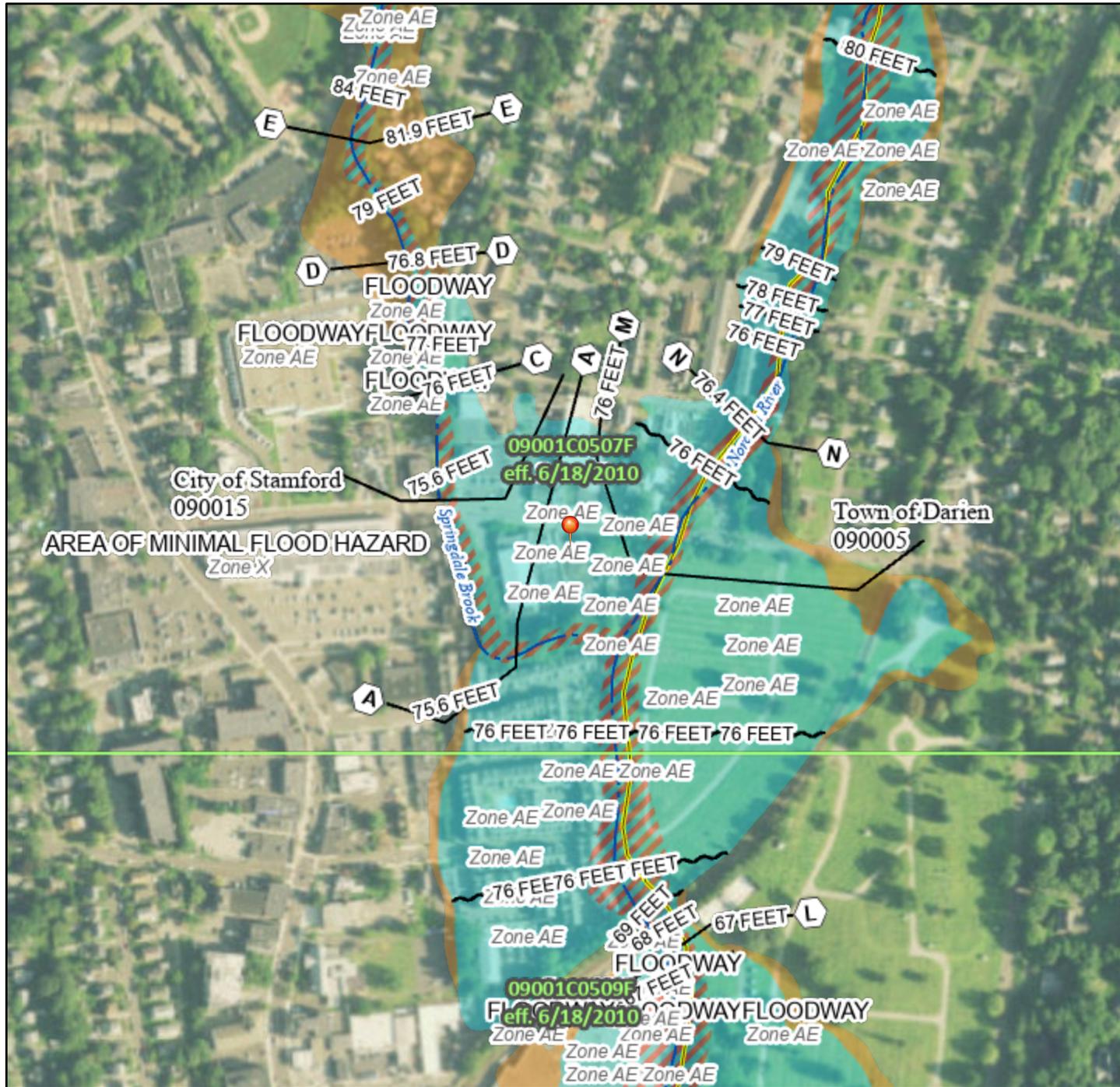


GIS Aerial 2016

National Flood Hazard Layer FIRMMette



73°31'14"W 41°5'56"N



73°30'37"W 41°5'29"N

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation 17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/29/2023 at 6:18 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



PHOTO 1



PHOTO 2



PHOTO 3



PHOTO 4



LOCATION MAP
NOT TO SCALE

GENERAL NOTES

1. THIS PLAN IS FOR AN EPI/CON APPLICATION FOR THE PROPOSED CHANGE IN USE.

2. REFERENCE IS MADE TO "PROPERTY SURVEY" PREPARED FOR SITE RECORDS DATED AUGUST 19, 2022 PREPARED BY JOSEPH F. RISOLI, P.E., L.L.C.

3. ALL SURVEY BOUNDS HEREON ARE LOCATED IN A 20-ZONE. LOT AREA EQUALS LIQUID ACRES.

4. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEASUREMENT AND RECORDING OF CONSTRUCTION AND FOR THE SAFETY OF WORKERS AND OTHERS ON THE CONSTRUCTION SITE.

5. THE CONTRACTOR SHALL LOCATE AND VERIFY THE EXIST. LOCATION, SIZE AND BOUNDS OF ANY AND ALL EXISTING UTILITIES PRIOR TO COMMENCING OPERATIONS. THE CONTRACTOR SHALL ALSO BE REQUIRED TO CONTACT THE TOLL FREE TOLL-BEFORE-YOU-DIG PHONE NUMBER AT 1-800-368-5400.

6. THE EXISTING DRIVEWAY WILL SERVE AS THE MOVED-IN ACCESS ROUTE. THE PROPOSED CONSTRUCTION SHOWN HEREON WILL REQUIRE REVIEW AND APPROVAL BY EPA.

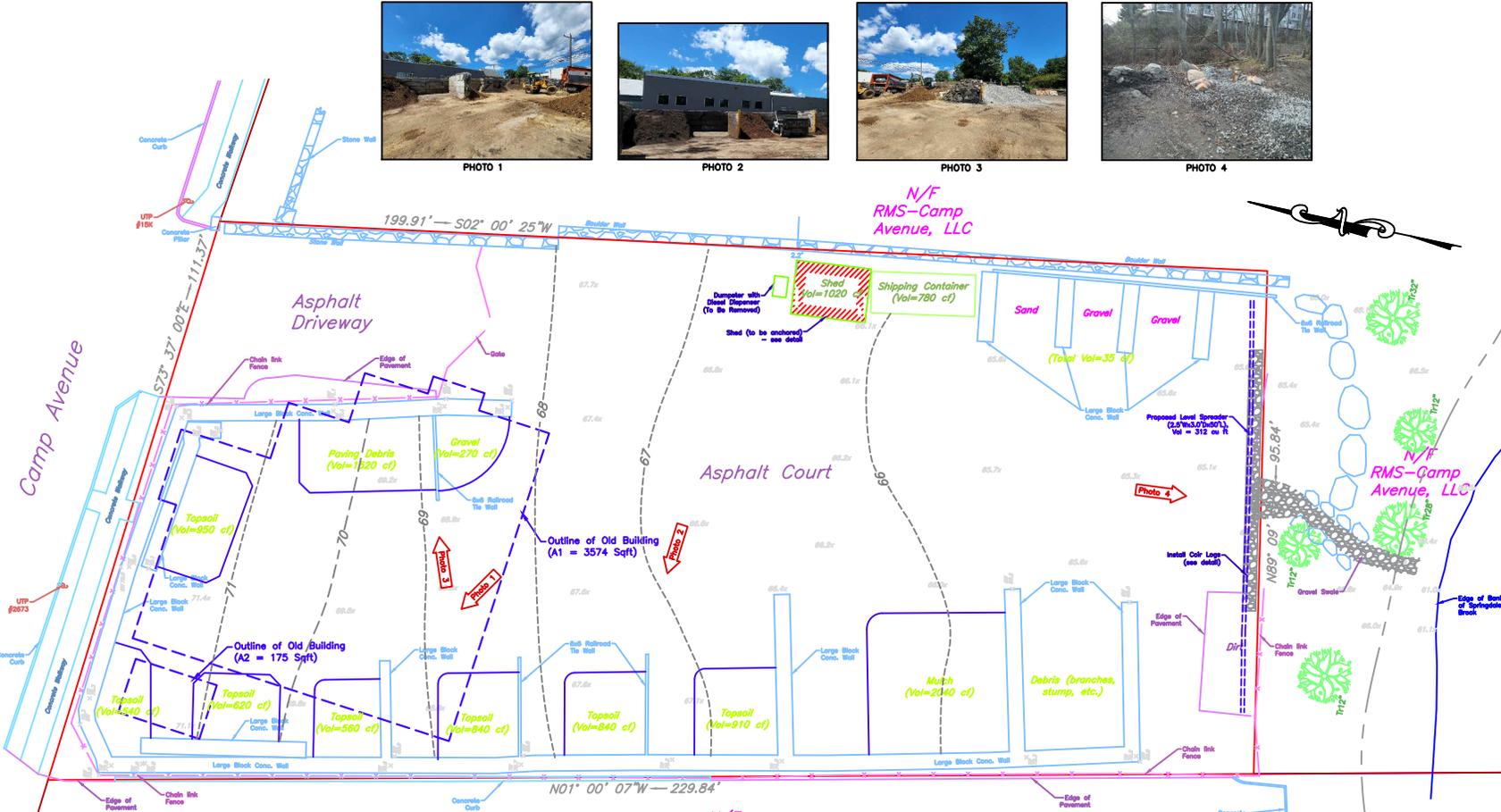
7. ACTUAL PLACEMENT OF ANY PROPOSED EROSION CONTROL MEASURES TO BE DETERMINED AS THE FIELD IS CONSULTATION WITH THE RETAINING ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION.

8. ALL WORK PERFORMED BY THE OWNER / DEVELOPER MUST INCLUDE ODS (OVERFLOW DRAINAGE SYSTEM) AND RECORDS PREPARED IN ACCORDANCE WITH PUBLIC ACT NO. 83-288 (ISSUED BY THE CONNECTICUT GENERAL ASSEMBLY) AND THE CONTRACTOR SHALL THOROUGHLY FURNISH WITH THE CONTRACTOR'S SPECIFICATIONS FOR EROSION CONTROL AND WATER CONSERVATION MEASURES. THE CONSTRUCTION OF SOIL AND WATER CONSERVATION MEASURES SHALL BE COMPLETED WITHIN THE PERIOD OF THE CONTRACT. THE CONTRACTOR SHALL ALSO COMPLY WITH THE EROSION CONTROL ACT (PUBLIC ACT NO. 83-288) AND THE EROSION CONTROL ACT (PUBLIC ACT NO. 83-288) AND THE EROSION CONTROL ACT (PUBLIC ACT NO. 83-288).

9. BEFORE ANY SURVEYING WORK WITH A MARGIN OF FOUR (4') INCHES OF TOLERANCE, THE SURVEYOR SHALL BE ADVISED BY THE CONTRACTOR OF ANY EXISTING UTILITIES, SEWER, GAS, AND MAY BE REQUIRED TO LOCATE AND MARK ANY EXISTING UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.

10. THE SUBJECT PARCEL LIES ENTIRELY IN THE AE ZONE AS REFERENCED ON THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) FLOOD INSURANCE RATE MAP (FIRM) MAP NO. 0500200007 WITH AN EFFECTIVE DATE OF JUNE 18, 2010 IN THE CITY OF STAMFORD, COUNTY OF FAIRFIELD, STATE OF CONNECTICUT.

11. THE DATUM DEPICTED ON THIS MAP IS BASED ON NAVD 1988.



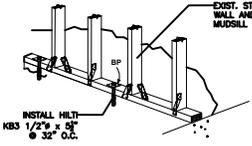
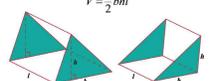
VOLUME CALCULATION TO SATISFY COMPENSATORY REQUIREMENTS PER SECTION 15.B.4.g.(7) AND (8)

VOLUME CALCULATION		
LOT AREA	0.500 ACRES	21,792 SF.
AE ZONE	SFE = 76.0	
OLD BUILDING OPER GIS 20163	3574 + 175 SQFT	
	VOL = 20,714 CUFT	
TOP SOIL	5,260	
SAND/GRAVEL	305	
MULCH AND DEBRIS	3560	
SHED & SHIPPING CONTAINER	1800	
RETAINING WALLS	7460	
TOTAL VOLUME	18,285	
DIFFERENCE	2,329	

NOTE: SINCE THE VOLUME OF THE OLD BUILDING THAT WAS DEMOLISHED IS GREATER THAN THE STOCKPILE AND RETAINING WALL VOLUMES; HENCE, THE WATER HOLDING CAPACITY OF THE FLOODPLAIN AS DESIGNATED ON THE FLOOD INSURANCE RATE MAP (FIRM), HAS NOT BEEN REDUCED.

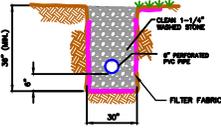
Volume of Triangular Prism

$$V = \frac{1}{2} bhl$$



ANCHORING DETAIL FOR SHED
NOT TO SCALE

NOTE: THE SHED AND ANCHORS HAVE BEEN DESIGNED IN ACCORDANCE WITH STAMFORD'S FLOOD PRONE AREA REGULATIONS (SECTION 15B OF THE ZONING REGULATIONS) AND IN COMPLIANCE WITH THE FLOOD EROSION PREVENTION, MITIGATION, IMPACT AND UPLIFT PROTECTIVE AND OTHER PROVISIONS ASSOCIATED WITH THE BASE FLOOD.



LEVEL SPREADER DETAIL
NOT TO SCALE



COIR LOG FOR EROSION CONTROL
NOT TO SCALE



SILT FENCE AND FILTER FABRIC DETAIL
SCALE: N.T.S.

EMERGENCY ACTION PLAN (IN CASE OF POTENTIAL FLOODING)

THE FOLLOWING IS THE FLOOD RESPONSE PLAN NEEDED TO ASSESS THE RISK OF A POTENTIAL FLOODING, DRIVEWAY AREAS, AND OTHER LOW-LYING AREAS ON THE PROPERTY.

1. A MAP OF THE FACILITY SHALL BE AVAILABLE TO ALL EMPLOYEES TO HAVE THEM KNOW OF STREAM, UTILITY, DRIVEWAY AREAS, AND OTHER LOW-LYING AREAS ON THE PROPERTY.
2. ALL ACCESS AND EGRESS ROUTES SHALL IDENTIFIED IN CASE OF EMERGENCY.
3. EMPLOYEE CONTACT LISTS WITH ALTERNATE CONTACT INFORMATION IN THE EVENT EMERGENCY IS NECESSARY.
4. IF FLOODING IS PROBABLE, ASSIGNED TRAINED PERSONNEL SHALL SECURE THE PREMISES AND ALL EQUIPMENT AND INVENTORY.
5. ASSIGNED TRAINED PERSONNEL SHALL LAY DOWN COR LOGS AT THE PERIMETER OF TOPSOIL PILE TO PREVENT EROSION.
6. INSTALL COR LOGS ALONG LEVEL SPREADER (SEE DETAIL).
7. PERSONNEL CONTINUOUS MONITORING OF THE FLOOD THROUGH VISUALS, BEHNS OUTLETS AND WEATHER TRACKING.
8. AFTER FLOOD SUBSIDES AND CLEAN-UP WILL BE DONE BY EMPLOYEES. ENSURE CLEAN-UP EQUIPMENT IS AVAILABLE, ADEQUATE, AND MAINT.
9. CONDUCT A POST-INCIDENT REVIEW AND IDENTIFY MITIGATION OPPORTUNITIES TO PREVENT FUTURE FLOODING IMPACTS.

REVISION SCHEDULE

NO.	DATE	DESCRIPTION	REC.	APP.
1	04/14/2023	ADDRESS EPI COMMENTS	JAV	JFR
2	06/17/2023	ADDRESS EPI COMMENTS	JAV	JFR

GRAPHIC SCALE 1" = 10 FT

IT IS THE RESPONSIBILITY OF THE OWNER/DEVELOPER TO OBTAIN THE NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES AND TO OBTAIN THE NECESSARY INSURANCE COVERAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES AND TO OBTAIN THE NECESSARY INSURANCE COVERAGE.

STEVE MICKELS
83 CAMP AVENUE, STAMFORD, CT
SITE DEVELOPMENT PLAN C-2.0
SHEET 06 OF 06

Risoli Planning & Engineering
ENGINEERS-PLANNERS-SURVEYORS
Division of
AI Engineers, Inc.
488 EAST PUTNAM AVENUE
DOSH COB, CT 06877
WWW.RISOLIENGINEERING.COM
PHONE: (203) 637-8638
FAX: (203) 637-3888
RISOLI@PTONLINE.NET