## ALFONZETTI ENGINEERING, P.C.

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(914) 666-9800

Info@AlfonzettiEng.com

Adam R. Kaufman, AICP Director of Planning Planning Department Town of North Castle 17 Bedford Road Armonk, NY 10504 May 22, 2023

Re: 2 Tripp Lane/Saglimbeni Residence/Remediation Plan

Town of North Castle

Adam, please find enclosed the following:

- One (1) copy of the following plan entitled
  - "Remediation Plan, dated September 16, 2020, last revised May 22, 2023, Saglimbeni Residence, 2 Tripp Lane, Town of North Castle, Westchester County, NY."
  - "Site Details, dated February 11, 2022, last revised May 22, 2023, Saglimbeni Residence, 2 Tripp Lane, Town of North Castle, Westchester County, NY."

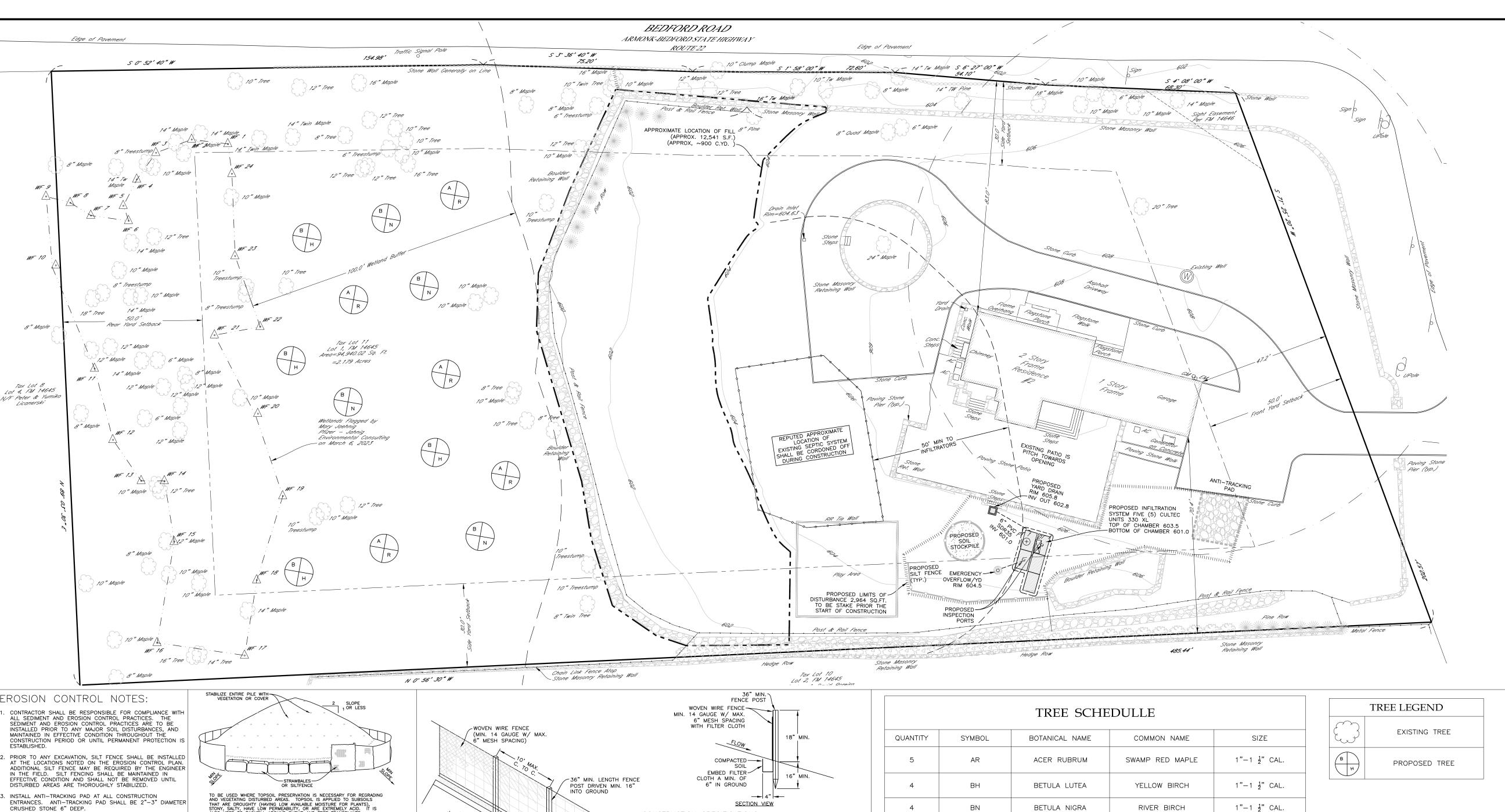
We are requesting placement on the next planning Board agenda.

Please call if there are any questions.

Thank You,

Ralph Alfonzetti, P.E.

ALFONZETTI ENGINEERING, P.C.



TIMELY MAINTENANCE OF SEDIMENT CONTROL STRUCTURES IS THE RESPONSIBILITY OF THE CONTRACTOR. ALL STRUCTURES SHALL BE MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES. THE SEDIMENT LEVEL IN ALL SEDIMENT REMOVING DEVICES SHALL BE CLOSELY MONITORED AND SEDIMENT DEVICES SHALL BE CLOSELY MONITORED AND SEDIMENT REMOVED PROMPTLY WHEN MAXIMUM LEVELS ARE REACHED OR AS ORDERED BY THE ENGINEER. SEDIMENT SHALL BE DISPOSED OF IN A MANNER THAT DOES NOT RESULT IN ADDITIONAL EROSION OR POLLUTION. ALL SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED ON A REGULAR BASIS, AND IMMEDIATELY AFTER EACH RAINFALL TO INSURE PROPER OPERATION AS DESIGNED. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

ALL TOPSOIL NOT TO BE USED FOR FINAL GRADING SHALL BE REMOVED FROM THE SITE IMMEDIATELY AND PLACED IN A STABILIZED STOCKPILE OR FILL AREA. ALL TOPSOIL REQUIRED FOR FINAL GRADING AND STORED ON SITE SHALL BE LIMED, FERTILIZED, TEMPORARILY SEEDED AND MULCHED WITHIN 14 DAYS OR OTHERWISE STABILIZED. DO NOT STOCKPILE MATERIALS ON STEEP SLOPES IN PARIMACE STOCKPILE MATERIALS ON STEEP SLOPES, IN DRAINAGE SWALES OR IN WETLAND AREAS. SURROUND ALL STOCKPILE

ALL SLOPES CONSTRUCTED WITH FILL MATERIAL AND ALL SLOPES WITH GRADE 3:1 OR STEEPER SHALL BE TOPSOILED, SEEDED, MULCHED AND STABILIZED WITH STAKED TOBACCO NETTING, OR EROSION BLANKET AS NOTED, UNLESS

AREAS WITH STAKED HAYBALES OR SILT FENCE.

. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 14 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, SHALL IMMEDIATELY RECEIVE TEMPORARY SEEDING. MULCH SHALL BE USED IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER. DISTURBED AREAS

SHALL BE LIMED AND FERTILIZED PRIOR TO TEMPORARY SEEDING. ALL DISTURBED AREAS WITHIN 500 FEET OF A BUILDING SHALL BE WETTED AS NECESSARY TO PROVIDE DUST CONTROL. A WATERING TRUCK WILL BE USED IN DRY SEASON TO WET DOWN DUST AREAS.

THE CONTRACTOR SHALL KEEP THE ROADWAYS WITHIN THE PROJECT CLEAR OF SOIL AND DEBRIS AND IS RESPONSIBLE FOR ANY STREET CLEANING NECESSARY DURING THE COURSE OF THE PROJECT.

). ALL CATCH BASINS AND DRAIN INLETS ARE TO BE PROTECTED WITH SEDIMENT FILTERS THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL ALL DISTURBED AREAS ARE STABILIZED.

. UTILITY LINE EXCAVATED MATERIAL SHALL BE TEMPORARILY STOCKPILED ON THE HIGH SIDE OF EXCAVATION SO RUNOFF DIRECTED AWAY FROM TRENCH. AFTER BACK-FILLING, AREA IS TO BE TOPSOILED, SEEDED AND MULCHED. 2. SEDIMENT AND EROSION CONTROL STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED BY PERMANENT

. ALL AREAS OF DISTURBED SOIL SHALL BE STABILIZED BY THE CONTRACTOR. IN ADDITION TO ALL SPECIFIED EROSION CONTROL DEVICES, THE CONTRACTOR SHALL TAKE ALL STEPS PRUDENT AND NECESSARY TO STABILIZE THE SITE AT ALL

4. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT EDITION OF "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROLS" (BLUE BOOK).

TO BE USED WHERE TOPSOIL PRESERVATION IS NECESSARY FOR REGRADING AND VEGETATING DISTURBED AREAS. TOPSOIL IS APPLIED TO SUBSOILS THAT ARE DROUGHTY (HAVING LOW AVAILABLE MOISTURE FOR PLANTS), STONY, SALTY, HAVE LOW PERMEABILITY, OR ARE EXTREMELY ACID. IT IS ALSO USED TO BACKFILL AROUND SHRUB AND TREE TRANSPLANTS. PRESERVATION OF EXISTING TOPSOIL IS BENEFICIAL FOR ALL TYPES OF LAWN OR ORNAMENTAL PLANTINGS. TEMPORARY STOCKPILE STABILIZATION MEASURES INCLUDE VEGETATIVE COVER, MULCH, NON-VEGETATIVE COVER, AND PERIPHERAL SEDIMENT

TRAPPING BARRIERS. THE STABILIZATION MEASURE(S) SELECTED SHOULD BE APPROPRIATE FOR THE TIME OF YEAR, SITE CONDITIONS, AND REQUIRED DURATION OF USE. INSTALLATION NOTES I. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE. 2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.

3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED. TEMPORARY MATERIAL STOCKPILE

N.T.S.

		3 in. CLEAN STONE	1'-0"
	ILTER ABRIC	SECTION	COMPACTED SUBGRADE
START AT EXIST. PAVEMENT			46.500 g
-			

TO BE PROVIDED AT ALL POINTS OF EQUIPMENT INGRESS OR EGRESS ONTO PUBLIC RIGHTS-OF-WAY. INSTALLATION NOTES

PLAN

. STONE SIZE - USE 3" STONE, OR RECLAIMED OR RECYCLED CONCRETE 3. THICKNESS — NOT LESS THAN SIX (6) INCHES.

4. WIDTH — 25 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCUR.

5. FILTER CLOTH — WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER CLOTH WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT. STONE. FILTER CLOTH WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.

6. SURFACE WATER — ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.

7. MAINTENANCE — THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT OF WAY THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY.

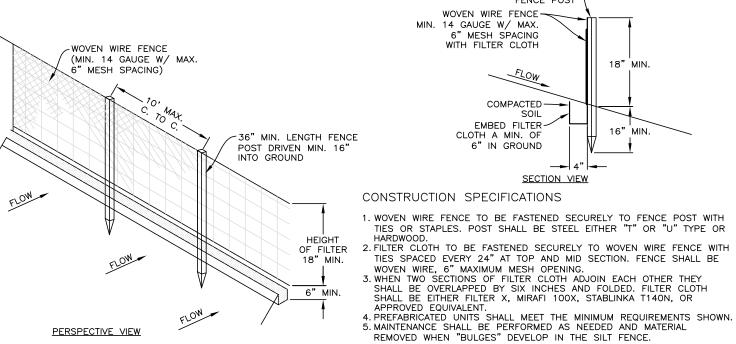
8. WASHING — WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT OF WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.

9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE

(ANTI-TRACKING PAD)

N.T.S.



SILT FENCE

	TREES REMOVED*	DISTURBED AREA (S.F.)	PERVIOUS AREA (S.F.)		IMPERVIOUS AREA (S.F.)	
			PRE-DEVELOPMENT	POST-DEVELOPMENT	PRE-DEVELOPMENT	POST-DEVELOPMENT
WETLAND	3	300±	4373	4373	0	0
100' WETLAND BUFFER	10	1000±	33406	33406	0	0

PERCOLATION TEST DATA			DEEP TEST HOLE DESCRIPTIONS		
			0"-6" TOPSOIL		
PT1	40 MIN/IN	DT1	6"-24" MODERATE COMP SANDY LOAM W/ TRACES OF CLAY		
			24"-84" MODERATE COMP SANDY LOAM		

TREE SCHEDULLE					
QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	
5	AR	ACER RUBRUM	SWAMP RED MAPLE	1"-1 ½" CAL.	
4	ВН	BETULA LUTEA	YELLOW BIRCH	1"-1 ½" CAL.	
4	BN	BETULA NIGRA	RIVER BIRCH	1"-1 ½" CAL.	

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	BN	BETULA NIGRA	RIVER BIRCH	$1"-1 \frac{1}{2}$ " CAL.			

## TREE NOTES:

1. TREES TO BE PLANTED BY HAND. NO LARGE EQUIPMENT TO BE USED WITHIN WETLAND BUFFER.

2. TREE LOCATION MAY BE ADJUSTED IN THE FIELD AS NECESSARY.

WETLAND MONITORING & MAINTENANCE NOTES

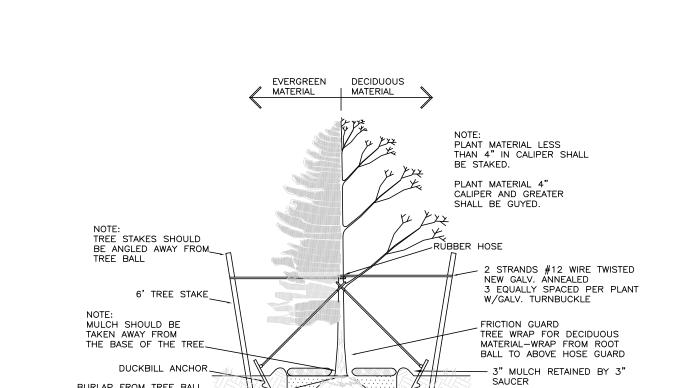
1. PERMITTEE SHALL IMPLEMENT MITIGATION PLAN APPROVED BY THE TOWN PLANNING BOARD.

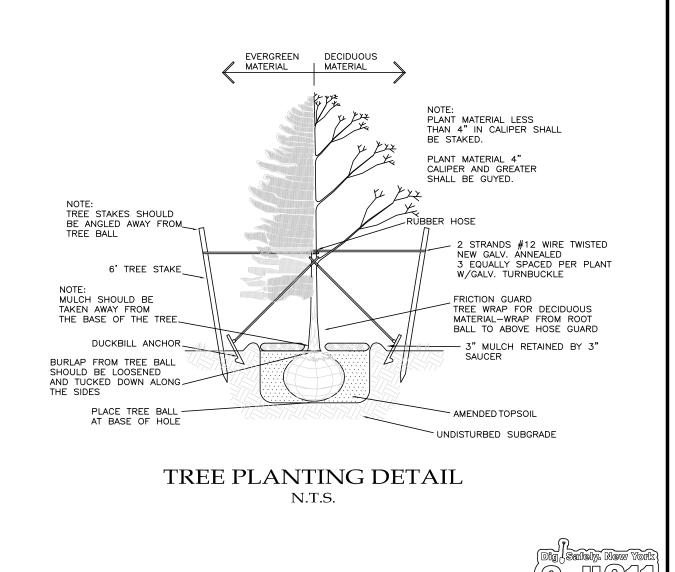
2. FOLLOWING THE INSTALLATION OF ALL WETLAND MITIGATION IN ACCORDANCE WITH THE FINAL RESOLUTION AND PLANS ADOPTED BY THE PLANNING BOARD, THE PERMITTEE SHALL SUBMIT TWO (2) COPIES OF THE FOLLOWING:

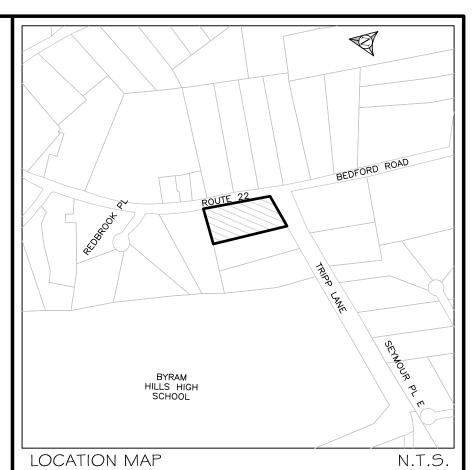
 CERTIFICATION FROM A QUALIFIED ENVIRONMENTAL CONSULTANT APPROVED BY THE PLANNING BOARD OR ITS DESIGNEE VERIFYING ACCORDANCE WITH THE APPROVED PLANNING BOARD RESOLUTION. THE CONSULTANT SHALL NOTE ANY DEFICIENCIES IN THE INSTALLATION OF THE PLANT MATERIALS OR DEVIATIONS FROM THE APPROVED RESOLUTION SO THAT THESE CAN BE CORRECTED BEFORE FINAL APPROVAL.

3. ALL PLANTINGS IN CONJUNCTION WITH THE MITIGATION WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE APPROVED DRAWINGS AND COMPLETED WITHIN THE FIRST GROWING SEASON AFTER SITE CLEAN-UP IS COMPLETE.

4. THE PERMITTEE SHALL ENSURE THAT ALL PLANTS IN CONJUNCTION WITH THE WETLAND MITIGATION PLAN SHALL HAVE A MINIMUM OF 85% SURVIVAL RATE OF INSTALLED PLANTS, WHICH MUST BE MET OR EXCEEDED AT THE END OF THE SECOND GROWING SEASON FOLLOWING THE INITIAL PLANTING. IF THE 85% SURVIVAL RATE IS NOT MET AT THE END OF THE SECOND GROWING SEASON, THE PERMITTEE SHALL TAKE ALL NECESSARY MEASURES TO ENSURE THE LEVEL OF SURVIVIAL BY THE END OF THE NEXT GROWING SEASON, INCLUDED REPLANTING AND REGRADING WITH TOPSOIL, IF







CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL LOCATE AND VERIFY IN THE FIELD ALL UTILITIES: SEWER, WATER, GAS, ELECTRICAL, ETC. PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL CALL CODE 753 (FORMERLY CODE 53) PRIOR TO THE START OF CONSTRUCTION.

THE INSTALLATION OF WATER AND SEWER SHALL BE INSPECTED UNDER THE DIRECTION OF A N.Y. STATE LICENSED PROFESSIONAL

. EROSION AND SEDIMENT CONTROL MEASURES, SHALL BE REQUIRED AS INDICATED ON THIS PLAN OR THE EROSION CONTROL PLAN OR AS DIRECTED BY THE GOVERNING AGENCY. IN ACCORDANCE WITH THE CURRENT EDITION OF "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROLS" (BLUE BOOK) 4. AS BUILT PLANS IF REQUIRED, SHALL BE CERTIFIED BY A N.Y. STATE LICENSED SURVEYOR OR PROFESSIONAL ENGINEER. 5. ALL PROPERTY DISTURBED IN THE RIGHT-OF-WAY OR ON PRIVATE LANDS, SHALL BE RESTORED TO ACCEPTABLE CONDITIONS, AS REQUIRED

BY THE GOVERNING AGENCY. . THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL APPLICATIONS AND PERMITS REQUIRED FOR CONSTRUCTION.

THE ROAD AND UTILITIES SHALL BE STAKED IN THE FIELD BY A NEW YORK STATE LICENSED SURVEYOR OR ENGINEER. 8. UNDERGROUND UTILITIES: GAS, ELECTRIC, CABLE, TELEPHONE, ETC. SHALL BE AS REQUIRED BY THE GOVERNING AGENCY AND THE

9. ALL PROPOSED OR DISTURBED SLOPES, 1H:2V OR GREATER SHALL BE STABILIZED WITH AN EROSION CONTROL BLANKET.

10. IN LIEU OF BLASTING, ROCK RIPPING WILL BE USED WHEREVER

POSSIBLE. IF BLASTING IS REQUIRED, BLASTING WILL OCCUR IN ACCORDANCE WITH REGULATIONS AND STANDARDS PRESCRIBED BY THE NECESSARY PERMITS IF BLASTING IS REQUIRED. 11. NO REPRESENTATION OF THE SUB-SURFACE SOIL CONDITIONS ON THIS SITE ARE MADE OR IMPLIED. IT IS THE DEVELOPER /CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL

12. OVERNIGHT EXCAVATIONS WILL NOT BE PERMITTED.

APPROPRIATE UTILITY COMPANY.

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209(2) FOR ANY PERSON UNITESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM ON THIS PLAN IN ANY WAY. IF ANY ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

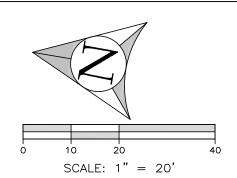
IMPROVEMENTS ARE PLACED ON SOIL WITH A SUITABLE BEARING

APPROVED BY TOWN OF NORTH CASTLE PLANNING BOARD RESOLUTION, DATED: \_\_\_

ENGINEERING DRAWINGS, PLANS REVIEWED BY TOWN

JOSEPH CERMELE, P.E. KELLARD SESSIONS CONSULTING, P.C. CONSULTING TOWN ENGINEERS

\_\_DATE: \_\_\_\_\_ CHRISTOPHER CARTHY, CHAIRMAN TOWN OF NORTH CASTLE PLANNING BOARD



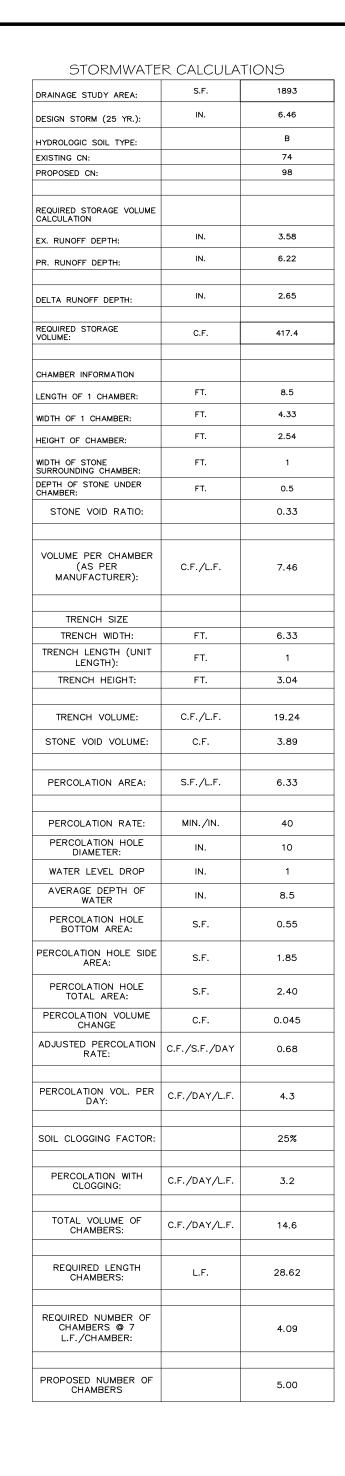


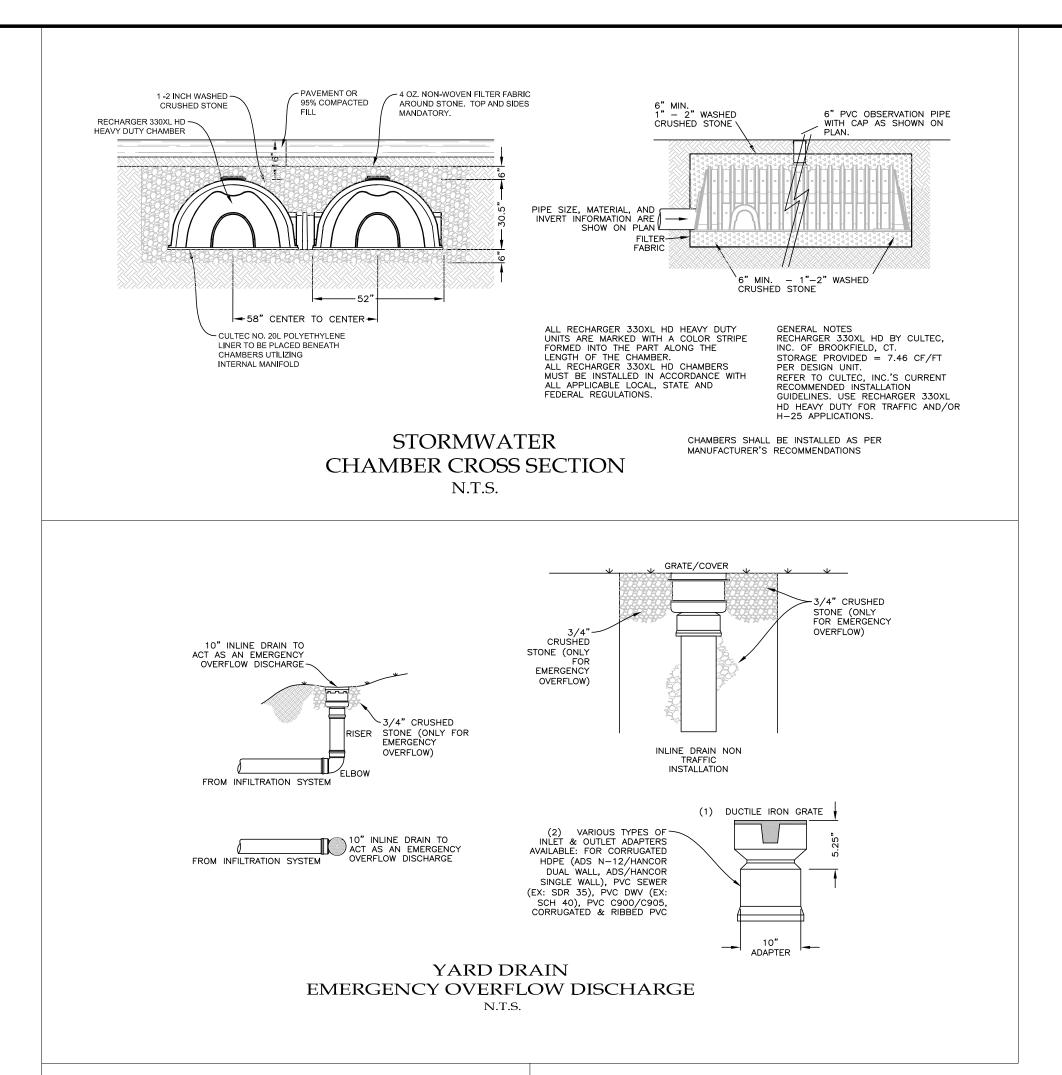
ALFONZETTI ENGINEERING, P.C 14 SMITH AVE, MT. KISCO, N.Y. 10549 914-666-9800 INFO@ALFONZETTIENG.COM

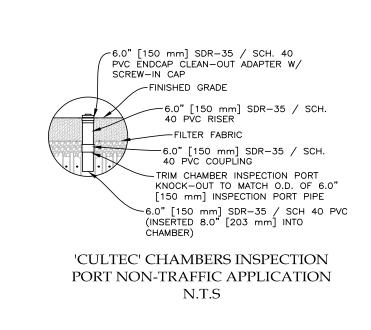
SITE DATA OWNER / APPLICANT: MARTA SAGLIMBENI SITE ADDRESS: 2 TRIPP LANE, ARMONK, NY 10504 TAX MAP #: 108.02-1-11 LOT AREA: 2.16 ACRES REVISED: MAY 22, 2023 REVISED: MAY 3, 2023 REVISED: JUNE 10, 2022 REVISED: FEBRUARY 11, 2022 ZONING: R-2A

REMEDIATION PLAN SEPTEMBER 16, 2020

SAGLIMBENI RESIDENCE 2 TRIPP LANE TOWN OF NORTH CASTLE WESTCHESTER COUNTY, NY







NOTE: STRUCTURES 4'-0"
DEEP OR GREATER SHALL BE
SUPPLIED WITH REINFORCED
POLYPROPYLENE STEPS 2 COURSES OF BRICK OR 1 COURSE OF BLOCK MAX. (ADJUSTMENTS OF GREATER THAN 12" SHALL UTILIZE PRECAST RISERS) 3'−0"── 18" SUMP PLAN VIEW SECTION

> YARD DRAIN N.T.S.

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0 10 20 SCALE: 1"	= 20'	TE OF NEW , ALFONZO, ALFONZO, OF SSIONA	CONFER * +400
14 SMITH A	VE, MT. k	INEERING, (ISCO, N.Y. 10 FONZETTIENG.	0549
SITE DATA  OWNER/APPLICANT: MARTA SAGLIMBENI  SITE ADDRESS: 2 TRIPP LANE, ARMONK, NY 10504  TAX MAP #: 108.02-1-11  LOT AREA: 2.16 ACRES  ZONING: R-2A	REVISED: MAY 22, 2 REVISED: JUNE 10,	2022	

APPROVED BY TOWN OF NORTH CASTLE

KELLARD SESSIONS CONSULTING, P.C.

JOSEPH CERMELE, P.E.

\_\_\_\_\_DATE: \_\_\_\_\_

PLANNING BOARD

RESOLUTION, DATED: \_\_\_\_

PLANS REVIEWED BY TOWN

CONSULTING TOWN ENGINEERS

CHRISTOPHER CARTHY, CHAIRMAN

TOWN OF NORTH CASTLE PLANNING BOARD

ENGINEERING DRAWINGS,

SITE DETAILS

FEBRUARY 11, 2022 SAGLIMBENI RESIDENCE

2 TRIPP LANE TOWN OF NORTH CASTLE WESTCHESTER COUNTY, NY