PRINTS NOT VALID WITHOUT ORIGINAL SIGNATURE & SEAL.

Soil Data	DEEP TEST ⊕ INFILTRATION TEST ◑		4/7/2023
	Hole #	1	2
Soil Type			
TOPSOIL		0 - 9"	0 - 15"
BROWN SILTY SAND		9" - 36"	
TAN SAND & GRAVEL		36" - 64"	46" - 83"
ORANGE BROWN SANDY LOAM			15" - 46"
MOTTLES		-	-
AGW		-	-
LEDGE		-	-
ROOTS		39"	48"
		1	
INFILTRATION RATE		2.04 in./hr.	
960 GREEN MEADOW LANE			

GENERAL PROJECT NOTES:

1. THE TOWN ENGINEER AND BUILDING INSPECTOR MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES IF DEEMED APPROPRIATE TO MITIGATE UNFORESEEN SILTATION AND EROSION OF DISTURBED SOILS.
2. AS-BUILT DRAWINGS OF THE SITE IMPROVEMENTS SHALL BE SUBMITTED TO THE TOWN ENGINEER AND BUILDING INSPECTOR FOR REVIEW PRIOR TO OBTAINING CERTIFICATE OF OCCUPANCY.
3. PROPOSED SOIL SLOPES EXCEEDING 1 ON 2 SHALL REQUIRE APPROVAL OF THE BUILDING INSPECTOR.
4. ALL TREE STUMPS SHALL BE HAULED OFF-SITE AND LEGALLY DISPOSED OF AS SOON AS POSSIBLE. THERE SHALL BE NO BURYING OF REFUSE OR DEBRIS ON-SITE.
5. PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES, THE CONTRACTOR(S) AND SUBCONTRACTOR(S) THAT WILL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE STORMWATER PRACTICES MUST BE IDENTIFIED. EACH OF THE CONTRACTOR(S) AND SUBCONTRACTOR(S) IDENTIFIED MUST INCLUDE AT LEAST ONE "TRAINED INDIVIDUAL" THAT WILL BE ONSITE ON A DAILY BASIS WHEN SOIL DISTURBANCE ACTIVITIES ARE BEING PERFORMED.
6. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES CONTRACTOR(S) AND SUBCONTRACTOR(S) IDENTIFIED SHALL SIGN NOTE "X".
7. ANY EXISTING IMPERVIOUS AREAS (DRIVEWAY, HOUSE, ETC.) THAT WILL BE RE-VEGETATED, OR AREAS USED BY CONSTRUCTION EQUIPMENT AND/OR FOR CONTRACTOR PARKING MUST HAVE SOIL TILLED 12 TO 16 INCHES, AMENDED WITH SMALL AMOUNTS OF ORGANIC MATERIAL, AND TOP-DRESSED WITH GRASS SEED.
8. SURFACE GRADING MUST BE RESTORED TO MATCH EXISTING CONDITIONS AT THE COMPLETION OF CONSTRUCTION.
9. ALL CONSTRUCTION FUELS AND CHEMICALS SHALL BE TRANSPORTED IN APPROVED SEALED CONTAINERS AND SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR DAILY.
10. ALL IMPORTED FILL MATERIALS (IF REQUIRED) SHALL BE FREE OF CONSTRUCTION AND DEMOLITION DEBRIS AND MEET THE NYSDEC DER-10 SOIL CONSTITUENT CONCENTRATIONS IDENTIFIED FOR "UNRESTRICTED USE".

DRAINAGE NOTES:

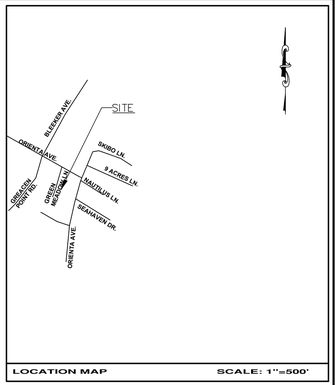
1. ALL PR. DRAIN PIPES SHALL BE 4" SDR-35 PVC ASTM D3034 WITH MINIMUM 1% PITCH UNLESS OTHERWISE NOTED.
2. POSITIVE PITCH SHALL BE MAINTAINED AWAY FROM THE HOUSE AND POOL AT ALL TIMES.
3. EX. DRAINAGE PATTERNS SHALL BE MAINTAINED AT ALL TIMES.
4. EXISTING HOUSE TO REMAIN. EX. ROOF LEADERS SHALL CONTINUE TO FLOW ALONG EX. DRAINAGE PATHS. CONTRACTOR TO CLEAN/CLEAR ALL EX. ROOF LEADER DRAINS TO ENSURE THAT THEY ARE FREE-FLOWING AND FUNCTIONAL.
5. SOIL STOCKPILE AREAS SHOULD NOT BE PLACED OVER PR. INFILTRATION SYSTEM.
6. EXCAVATOR SHALL BE TRACK-MOUNTED TO AVOID CRUSHING EX. UTILITIES.
7. LIMIT OF DISTURBANCE = 4,700± SF (0.108 ACRES±). PROPOSED INCREASE IN IMPERVIOUS AREA = 736± SF.
8. PRIOR TO CONSTRUCTION, SURVEYOR SHALL SET A STABLE BENCHMARK NEAR THE PROPOSED ADDITION.
9. SUBSURFACE STORMWATER DETENTION FACILITY AND DRAINS TO BE SET 10' MINIMUM FROM ALL PROPERTY LINES.
10. ENGINEER TO BE GIVEN MIN. 48 HOURS NOTICE PRIOR TO INSTALLATION OF PROPOSED STORM WATER DETENTION SYSTEM.
11. A STREET OPENING/DRIVEWAY PERMIT FROM THE DEPT. OF PUBLIC WORKS IS REQUIRED FOR WATER & SEWER CONNECTIONS PER TOWN ENGINEER.
12. FOR WINTER DRAWDOWN OF POOL WATER LEVEL, A PUMP TRUCK SHALL BE USED TO REMOVE THE NECESSARY AMOUNT OF WATER TO WINTERIZE THE POOL AND THE WATER SHALL BE TRANSPORTED OFF-SITE. NO WATER SHALL BE DISCHARGED OVER THE GROUND.

CUT/FILL VOLUME ESTIMATES:

THE FOLLOWING QUANTITIES ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION ESTIMATION.

ESTIMATED FILL VOLUME: 10 CY
ESTIMATED CUT VOLUME: 67 CY

NET CUT VOLUME: 57 CY

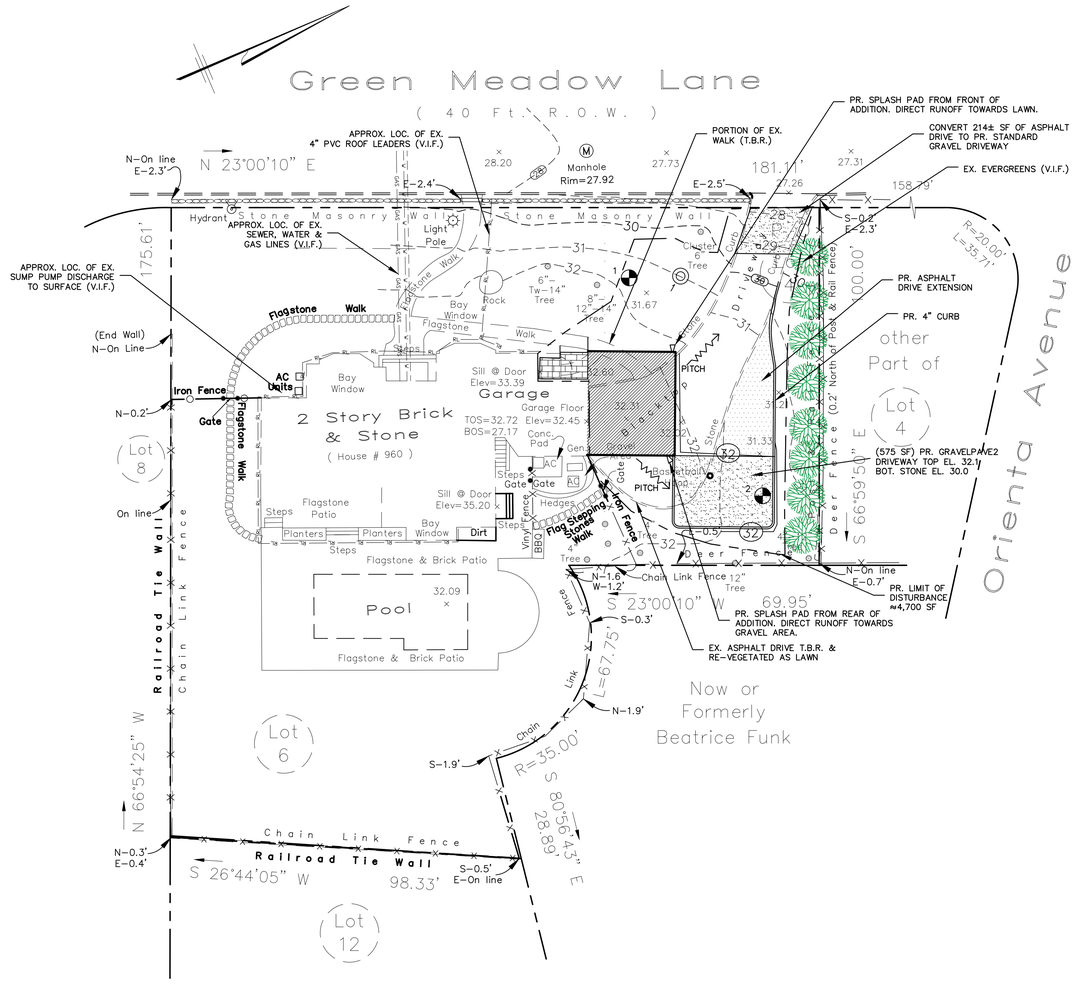


LOCATION MAP SCALE: 1"=500'

LEGEND: -

A/C	AIR CONDITIONER
APPROX.	APPROXIMATE
B.C.	BOTTOM OF CURB
BOT.	BOTTOM
F.L.	FLOW LINE
EL.	ELEVATION
EX.	EXISTING
LOC.	LOCATION
T.B.R.	TO BE REMOVED
PR.	PROPOSED
S.M.H.	SEWER MAN HOLE
TYP.	TYPICAL
DMH	DRAIN MANHOLE
V.I.F.	VERIFY IN FIELD

RL ROOF LEADER
FD FOOTING DRAIN
STONE WALL
11 EX. CONTOUR LINE
(11) PR. CONTOUR LINE
x 10.8 EX. SPOT ELEVATION
[x 10.8] PR. SPOT ELEVATION
TREE
TREE T.B.R.
X SEDIMENT BARRIER
CF CONSTRUCTION FENCE
1 INFILTRATION TEST
1 DEEP TEST
1 PERCOLATION TEST



ZONING ANALYSIS

SECTION: 9 BLOCK: 104 LOT: K

960 GREEN MEADOW LN	REQUIRED	EXISTING	PROPOSED
ZONE: R-20			
LOT SIZE: 26,534.5 SQ. FT.			
FRONT YARD:	25'	38.12'	38.12'
LESSER SIDE:	20'	25.31'	25.31'
2 SIDES COMBINED:	45'	89.85'	65.71'
REAR:	30'	31.1'	31.1'
FAR:	7,164	4,499	5,725
TOTAL LOT COVERAGE:	35% (9,287)	36% (9,586)	36% (9,586)
BUILDING HEIGHT:	35'	25'	22'-6"

EXISTING SITE CALCULATIONS:	PROPOSED SITE CALCULATIONS:
HOUSE: 3,190	HOUSE: 3,905 (ADDITION 715 SQ.FT.)
PATIO & POOL: 3,527	PATIO & POOL: 3,527
FRONT PORTICO: 102	FRONT PORTICO: 102
SIDE PORTICO: 171	SIDE PORTICO: 91 (ADD 74 SQ.FT.)
WALKWAY: 448	WALKWAY: 448
DRIVEWAY: 2,101	DRIVEWAY: 1,312 (REMOVE 789 SQ.FT.)
STEPPING STONES: 201	STEPPING STONES: 201
TOTAL LOT COVERAGE: 9,586 SQ.FT.	TOTAL LOT COVERAGE: 9,586 SQ.FT.
SUMMARY:	SUMMARY:
EXISTING HOUSE: 3,190	PROPOSED HOUSE: 3,905
EXISTING IMPERVIOUS: 6,396	PROPOSED IMPERVIOUS: 5,681
TOTAL COVERAGE:9,586 - 36%	TOTAL COVERAGE:9,586 - 36%
	DISTURBANCE:
	HOUSE ADDITION: 715

* NONCONFORMING

NOTE: ZONING ANALYSIS TABLE PROVIDED BY CHOURA ARCHITECTURE, P.C.

NOTE "X" (CONTRACTOR COMPLIANCE):

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND AND AGREE TO COMPLY WITH THE TERMS AND CONDITIONS OF THE STORMWATER POLLUTION PREVENTION PLAN. I ALSO UNDERSTAND THAT IT IS UNLAWFUL FOR ANY PERSON TO CAUSE OR CONTRIBUTE TO A VIOLATION OF WATER QUALITY STANDARDS."

NAME	TITLE	FIRM NAME	ADDRESS	PHONE #	SIGNATURE	DATE

EX. UNDERGROUND UTILITY LOCATIONS BASED ON GROUND MARKINGS OBSERVED IN FIELD.

THE PURPOSE OF THIS PLAN IS TO DEPICT A PROPOSED DRAINAGE SYSTEM FOR THE ADDITION IN ORDER TO OBTAIN A BUILDING PERMIT FROM THE VILLAGE OF MAMARONECK. IT IS NOT A SURVEY, NOR IS IT INTENDED TO BE USED FOR ANY OTHER PURPOSE. FRANGIONE ENGINEERING, LLC TAKES NO RESPONSIBILITY IF THIS DRAWING IS USED FOR ANY PURPOSE OTHER THAN THAT WHICH WAS INTENDED.

ORIGINAL TOPOGRAPHIC INFORMATION OBTAINED FROM SURVEY PREPARED BY THE MUNSON COMPANY, 9 NORTH GOODWIN AVENUE, ELMSFORD, NY 10523 PREPARED FOR THE SUBJECT PARCEL ENTITLED "SURVEY OF LOT 6 & A PORTION OF LOT 4 AS SHOWN ON A MAP ENTITLED 'MAP OF GREEN MEADOW' DATED FEB. 16, 1948 & FILED JAN. 28, 1949 AS COUNTY CLERK MAP NO. 6749" LAST REVISED MARCH 24, 2023. REFER TO SURVEYOR'S NOTES ON SAID SURVEY. FRANGIONE ENGINEERING, LLC TAKES NO RESPONSIBILITY FOR THE ACCURACY OF THE ORIGINAL TOPOGRAPHIC SURVEY.

UTILITY NOTE:

Underground utilities, facilities and structures have been plotted from surface indications and record sources. The locations of all underground utilities are approximate only. Additionally, there may be other underground utilities the existence of which is presently unknown. Any party utilizing the utility information and data depicted on this survey shall call "DIG SAFELY NEW YORK" at 800-962-7962 a minimum of forty eight (48) hours prior to any construction activities to verify the location of underground utilities.

ZONE IS R-20
TOTAL AREA=26,534.5 SQ. FT.

OWNER/APPLICANT:

DARREN & CAREN COHEN
960 GREEN MEADOW LANE
MAMARONECK, NY 10543

STATE OF NEW YORK
RICHARD MICHAEL FRANGIONE
079291-1
LICENSED PROFESSIONAL ENGINEER

NOTE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS MAP IS A VIOLATION OF SECTION 7209, SUBSECTION 2, OF THE NEW YORK EDUCATION LAW.

No	DATE	DESCRIPTION	DWG
		REVISIONS	

PROJECT
PROPOSED STORMWATER MANAGEMENT PLAN PREPARED FOR DARREN & CAREN COHEN
960 GREEN MEADOW LANE
MAMARONECK NEW YORK

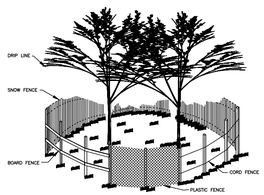
DRAWING NAME
OVERALL SITE PLAN

SCALE	1" = 20'	MUNICIPALITY	MAMARONECK
DATE	APRIL 18, 2023		SHEET 1 OF 2
DRAWN	R.M.F.		SEC. 9, BLOCK 104
			LOT "K"
FILE NAME:			

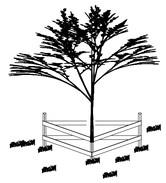
SHEET No S1

FRANGIONE ENGINEERING, LLC
CIVIL ENGINEERING
STRUCTURAL ENGINEERING
LAND DEVELOPMENT
15 SNOWBERRY LANE
NEW CANAAN, CT 06840
(203) 554-9551 (PHONE)
(203) 966-6957 (FAX)

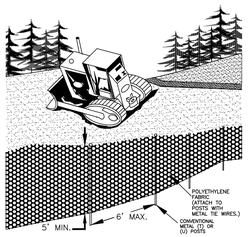
PRINTS NOT VALID WITHOUT ORIGINAL SIGNATURE & SEAL.



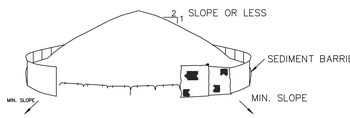
CORRECT METHODS OF TREE FENCING



TRIANGULAR BOARD FENCE



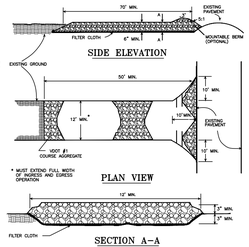
CF SAFETY FENCE — NO SCALE



INSTALLATION NOTES

1. 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 STOCKPILE DETAIL — NOT TO SCALE



CE CONSTRUCTION ENTRANCE — NO SCALE

TP TREE PROTECTION — NO SCALE

LEGEND: –

A/C	AIR CONDITIONER
APPROX.	APPROXIMATE
B.C.	BOTTOM OF CURB
BOT.	BOTTOM
F.L.	FLOW LINE
EL.	ELEVATION
EX.	EXISTING
LOC.	LOCATION
T.B.R.	TO BE REMOVED
PR.	PROPOSED
S.M.H.	SEWER MAN HOLE
TYP.	TYPICAL
DMH	DRAIN MANHOLE
V.I.F.	VERIFY IN FIELD

RL	ROOF LEADER
FD	FOOTING DRAIN
	STONE WALL
11	EX. CONTOUR LINE
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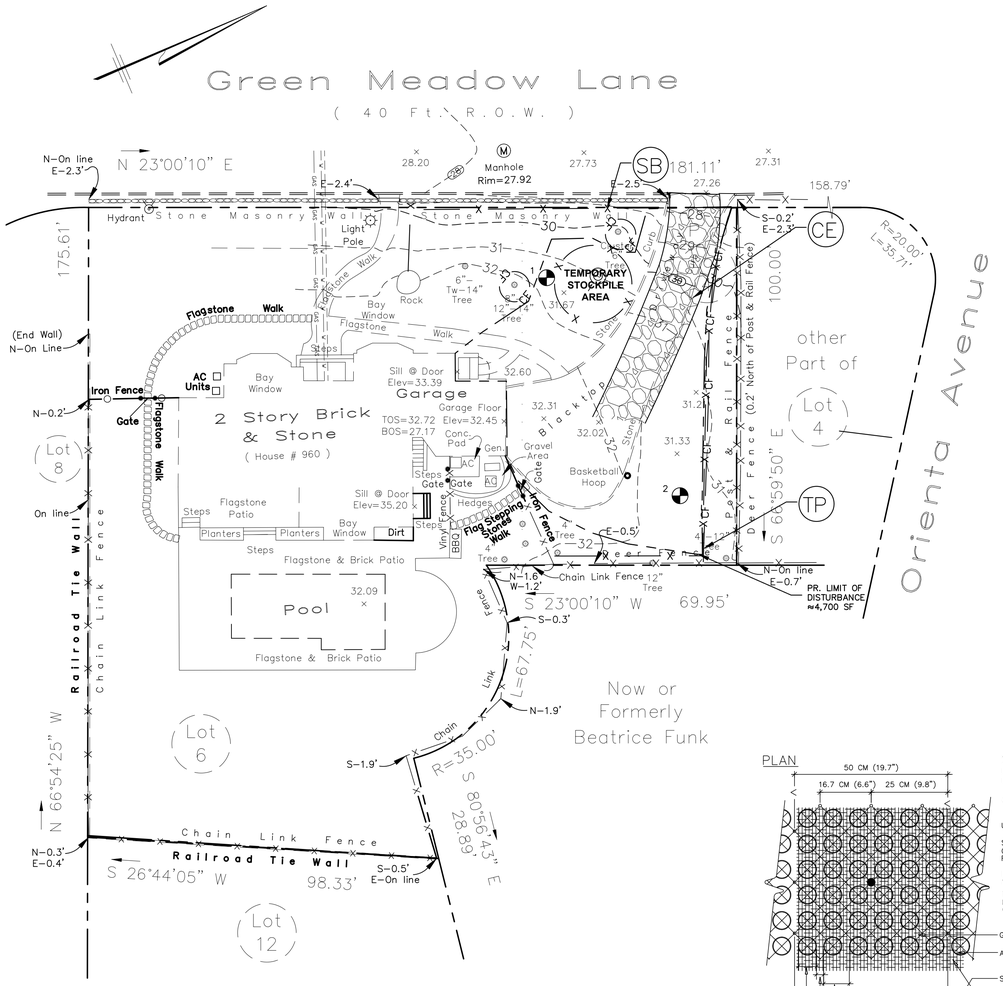
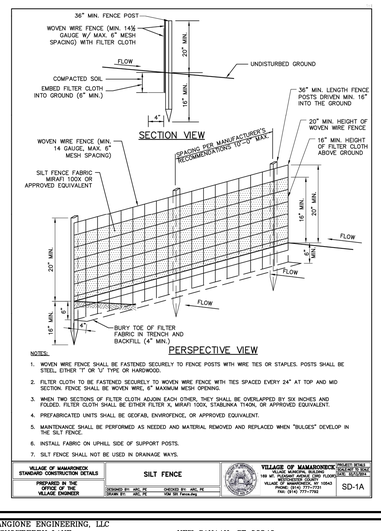
x 10.8	EX. SPOT ELEVATION
10.8	PR. SPOT ELEVATION
	TREE
	TREE T.B.R.
X	SEDIMENT BARRIER
CF	CONSTRUCTION FENCE
1	INFILTRATION TEST
1	DEEP TEST
1	PERCOLATION TEST





NOTES:

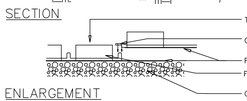
1. WOVEN WIRE FENCE SHALL BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL, EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABLINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED AND REPLACED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
6. INSTALL FABRIC ON UPHILL SIDE OF SUPPORT POSTS.
7. SILT FENCE SHALL NOT BE USED IN DRAINAGE WAYS.

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	SILT FENCE	VILLAGE OF MAMARONECK 169 W. PUTNAM AVE., 2ND FLOOR MAMARONECK, NEW YORK 10543 WWW.VILLAGE.MAMARONECK.NY.US PHONE: (914) 777-7733 FAX: (914) 777-7792	SD-1A
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ABC, PE CHECKED BY: ABC, PE DRAWN BY: ABC, PE NSM SSR Petros.dwg		

TYPICAL SPLASH PAD AT DOWNSPOUT
(AS CAN BE FOUND AT MOST LOCAL HARDWARE STORES)

PLAN

SECTION



ENLARGEMENT

SPECIFICATIONS

UNITS
UNIT SIZE – 50 CM X 50 CM X 2.5 CM (20" X 20" X 1")
AVAILABLE IN 9 STANDARD ROLL SIZES

UNIT WEIGHT – 538 GRAMS (19 OZ.) OR 2.2 KG (4.8 POUNDS)
STRENGTH – 402 KG/CM (5720 PSI)
COLOR – BLACK (STANDARD)
RESIN – 100% POST–CONSUMER RECYCLED HDPE/LDPE

FABRIC
WEIGHT – 3.5 OZ/SY(120 G/M)
TENSILE – 120 LB/FT (585 KG/M)
FLOW – 275 GAL/MIN/SF (11,200 L/MIN/M)
OPTIONS – CUSTOM FABRIC TO 6 OZ AVAILABLE.

TYPICAL GRAVELPAVE2 DETAIL — 1 OF 1

NOT TO SCALE — CHOOSE THIS PRODUCT FOR REINFORCING GRAVEL WEARING SURFACES

Invisible Structures, Inc.
Gvdet.dwg

1600 Jackson Street, SUITE 310
GOLDEN, COLORADO 80401
800–233–1510 OR 303–233–8363
FAX: 303–233–8382
Version: 05/12

PROPERTY LOCATION: 960 GREEN MEADOW LANE, MAMARONECK, NY

1.1 PROJECT DESCRIPTION:
This project proposes the construction of an attached garage and driveway reconfiguration.
The site consists of 26,534.5 SF, all of which are upland soils. Runoff from the site ultimately discharges to Long Island Sound.
Inland wetlands have not been identified on the site.
Field topographic mapping was provided by The Munson Company.
It is anticipated that construction will commence in the Spring/Summer of 2023 after all necessary land use approvals are obtained from the Village of Mamaroneck.

1.2 ESTIMATED DISTURBANCE AREA:
It is estimated that a total of 0.108 acres will be disturbed for the construction of the addition, walkway, and stormwater management system.

1.3 EROSION CONTROL MEASURES:
The following are erosion control measures to be utilized on this site during the construction period: tree protection, siltation fence barriers, stone construction entrances, wood chips for mulch and soil stockpiles.

1.4 CONSTRUCTION PHASES:
This project will be done in two phases. The first phase shall consist of excavation and prep for the addition. The second phase will consist of the construction of the driveway and stormwater management system.

1.5 CONSTRUCTION START DATES:
Construction on the site will likely commence within 60 days after all required local land use approvals have been obtained from the Village of Mamaroneck assuming weather conditions permit. It is anticipated that all work will be completed within twelve to eighteen months from commencement date.

1.6 DESIGN INFORMATION:
Maintenance specifications for the erosion control measures are part of this narrative. Construction sequences for each phase are part of this narrative.

1.7 OTHER PERMITS:
As the site disturbance is well under 5 acres, no additional permits are required for this project.
The owner of record shall be responsible for retaining a Licensed Professional Engineer or Certified Erosion & Sediment Control Specialist to inspect the site weekly in accordance with the NYSDEC guidelines. Monitoring reports shall be prepared and filed with the owner, contractor, Conservation Commission and the Planning and Zoning Commission as required.

1.8 CONSERVATION PRACTICES:
This project uses several Low Impact Development strategies. All work will be performed >100' from wetlands. The proposed driveway extension will be comprised of a pervious, "green" infiltration practice. This system will significantly reduce pollutant loads found in non-point source runoff.
The existing trees along the northern property line will be protected.

1.9 DOCUMENT LIST:
1. Storm Water Management Report, which shall be considered part of this SWPPP.
3. Project Plan Set comprised of Sheet 1 thru 2 of 2.

2.1 HYDRAULIC CALCULATIONS:
The Storm Water Management Report contains all of the hydrologic calculations and analyses to demonstrate that runoff rates and volumes will be attenuated for the 1- through 100-Year, 24-Hour Storms.

2.2 SOIL TEST RESULTS:
Soil tests were performed on the site and the results appear on sheet 1 of this plan set.

CONSTRUCTION PHASES:
PHASE I:
1. The clearing limits shall be delineated in the field by the project land surveyor. Brush shall be chipped into mulch and placed outside the construction area to be used as mulch as needed. The construction entrances shall be rough graded and the stone pad installed as shown on the site plan.
2. The perimeter siltation fence barriers shall be installed in those locations shown on the approved plans and in accord with the submitted details.
3. Stumps shall be removed from the site and disposed off-site in a proper and legal manner.
4. Excavate for house addition foundation and remove all debris via dumpster at an approved, off-site location.

PHASE II:
5. Construct house addition at this time. Interior renovations/remodel of ex. house can occur concurrently.
6. The necessary excavation shall be done for the installation of the driveway gravel. Excavated material shall not be placed near any part of the existing drainage system.
7. Driveway gravel and splash pads shall be installed at this time.
8. Utility connections shall be made at this time as needed.

9. Grading associated with the remainder of the site, located outside the limits of the house & drive shall be done at this time. Once this grading has been done, all disturbed areas outside the limits of the parking facility and the building shall be covered with a minimum of 6" of topsoil, seeded and mulched.
10. Final grading, planting, trench drain installation and site stabilization.
11. All erosion control measures shall remain in place and in effective condition until all disturbed areas have been fully stabilized with vegetation.

LONG TERM MAINTENANCE SCHEDULE:
Best Management Practices (BMP's) program, for post-development conditions on the project has been developed to manage both the storm water quality. The recommendations are proposed to protect the site and downgradient areas.
The success of the BMP controls requires professional and regulatory input, and monitoring through the implementation of a long-term maintenance program. Refer to the Drainage Summary Report for the post-construction maintenance requirements of the stormwater management system.

PLAN OBJECTIVES AND PRINCIPLES:
The objectives of the Soil Erosion and Sediment Control Plan are to manage both the runoff and the earthwork operations by using Best Management Practices. The objectives are as follows:
a. Control erosion at its source with temporary control measures, minimize the runoff from areas of disturbance, distribute stormwater through natural vegetation before being discharged into wetland systems.
b. Keep land disturbance to a minimum. The site layout has been designed to minimize any potential impacts to off-site parcels.
c. Construct the project in phases to minimize the area of the site under active construction at one time.
d. Retain existing vegetation wherever feasible. Siltation fence or other barriers will be used to limit the extent of earthwork.
e. Stabilize disturbed areas as soon as practical. Earth disturbance shall not occur on a given area until active construction is to take place in this area.
f. Minimize the length and steepness of slopes.
g. Maintain low runoff velocities.
h. Trap sediment on site. Siltation fence barriers and driveway construction entrance will trap sediment during the construction period.
i. Establish a maintenance and repair program during the construction period. Erosion control measures will be inspected weekly during the spring months, twice a month during the summer and/or following rainfall events of greater than 0.5 inches and repaired as needed to ensure that they function properly.
j. Assign responsibility for the maintenance program. The responsibility for the maintenance program will be assigned to the contractor who shall designate one of its supervisory personnel to be the liason to the owner's representative. the owner shall retain the services of a licensed professional who shall inspect and monitor the contractor's methods and have the authority to require modifications to the Erosion and Sediment Control Plan. The town will be copied on all inspection reports prepared on behalf of the project.

TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES - MAINTENANCE REQUIREMENTS:
1. Siltation fence barriers: Accumulated sediment shall be removed when it has reached a height of 25% of the exposed sediment barrier and disposed off is an appropriate manner.
2. Construction Entrance: Stone for the pad shall be replaced as needed during the construction process to maintain the pad and prevent the tracking of soil onto the road.

CONTROL PLAN IMPLEMENTATION:
1. The contractor shall inspect the effectiveness and condition of erosion control devices during storm events, and after each rainfall event of 0.5" or more, prior to weekends and prior to forecasted large storm events.
2. The contractor shall repair or replace damaged erosion control measures immediately, and in case, more than four hours after observing such deficiencies.
3. The contractor shall be prepared to implement interm drainage controls and erosion control measures as may be necessary during the course of construction.
4. The contractor shall make available on-site all equipment, materials and labor necessary to effect emergency erosion control measures within four hours of any impending emergency situation.
5. The contractor shall make a final inspection, and clean up any tracked sediment on the existing road.
6. The contractor shall have on call at all times, a responsible representative who, when authorized, will mobilize the necessary personnel, materials and equipment and otherwise provide the required action when notified of any impending emergency situation.
7. The contractor shall supply a telephone number to the town engineer, planning agent so that the contractor may be contacted during the evenings and on weekends, if necessary.
8. The contractor shall maintain a minimum of 150 ft of silt fence, 30 straw bales and 1 ton of modified riprap on the site for use during emergencies during the development of the project.

GENERAL EROSION AND SEDIMENTATION CONTROL PLAN NOTES:
1. Regrading on this site shall done in such a manner as to prevent stagnant water from collecting in depressions.
2. All erosion and sedimentation control measures will be installed prior to the start of any construction activity.
3. All erosion and sedimentation control measures shall be constructed in accordance with the submitted construction details and in compliance with the specifications and standards found in the "Guidelines for Soil Erosion and Sediment Control" as prepared by the State of New York, latest revision.
4. Siltation fence barriers will be installed at the limit of all disturbed areas. Staked straw bales, will be utilized as necessary during the construction period. All work done shall be in accordance with the details shown on the plans.
5. Land disturbance will be kept to a minimum. Restabilization of all disturbed areas will occur as soon as final grading in complete. Inactive disturbed areas must be stabilized within 14 days.
6. All erosion and sedimentation control measures will be maintained in an effective conditions throughout the construction period.
7. Accumulated sediment will be removed from the control structures and disposed of in a lawful and safe manner.
8. Additional control measures will be installed during the construction period if the Zoning or Wetland Enforcement Officer requires them. The design engineer shall inspect the site periodically to ensure the proper installation of erosion control measures.
9. Regular inspections of the construction site shall be made by a representative of the Town of Mamaroneck and a professional retained by the owner to assure compliance with the approved plans.
10. The responsibility for implementing the erosion and sedimentation control plan, informing all parties engaged on the construction site of the requirements and objectives of the plan, notifying the appropriate town agencies of any transfer of this responsibility and for conveying a copy of the erosion and sedimentation control plan if title to the land is transferred is placed upon the owner of record.

INDIVIDUAL RESPONSIBLE FOR IMPLEMENTING
EROSION & SEDIMENTATION CONTROL PLAN
DARREN OR CAREN COHEN
960 GREEN MEADOW LANE
MAMARONECK, NEW YORK 10543

POST-CONSTRUCTION DRAINAGE SYSTEM INSPECTION & MAINTENANCE REQUIREMENTS

Recommended Frequency of Service:

As further defined below, all stormwater components should be checked on a periodic basis and kept in full working order. Ultimately, the required frequency of inspection and service will depend on runoff quantities, pollutant loading, and clogging due to debris. At a minimum, we recommend that all stormwater components be inspected and serviced twice per year, once before winter sanding operations begin and once sanding operations have been completed and spring sweeping/cleanup operations are complete. The inspections must be completed by an individual experienced in the construction and maintenance of stormwater drainage systems. Once every five years the inspections must be completed by a professional engineer.

Service Procedures:

1. Storm Drainage Piping and Manholes/Junction Boxes:
   a. All storm drainage piping shall be completely flushed of debris and accumulated sediment at the completion of construction.
   b. Manholes/Junction Boxes shall be inspected and repaired on an annual basis.
   c. Unless system performance indicates degradation of piping, comprehensive video inspection of storm drainage piping shall occur once every ten years.
   d. Any additional maintenance required per the manufacturer's specifications shall also be completed.
2. Drainage Outfalls/Splash Pads/Scour Holes/Level Spreaders:
   a. All outfalls shall be completely cleaned of accumulated debris and sediments at the completion of construction. Any repairs to outlet protection material (rip rap) shall be performed.
   b. For the first year, outfalls shall be inspected on a quarterly basis.
   c. Any accumulated debris shall be removed and any repairs made to the outfalls as required.
   d. From the second year onward, visual inspections shall occur twice per year, once in the spring and once in the fall, after fall cleanup of leaves has occurred.
   e. Accumulated debris shall be removed and repairs made as required.
   f. Any erosion shall be promptly repaired and the cause of the erosion shall be identified and corrected.
   g. Any additional maintenance required per the manufacturer's specifications shall also be completed.
3. Roof Gutters:
   a. Remove accumulated debris and inspect for damage. Any damage should be repaired as required.
4. Gravel Pavement (GravelPave 2):
   a. Changing the gravel pavement surface to an impervious surface requires the review and approval of the Village of Mamaroneck Engineering Division.
   b. Clean upon the completion of construction.
   c. The GravelPave2 area shall be graded and additional sand added as needed during spring and fall cleanup.
   d. Check for standing water on the surface of the grass pavement after a precipitation event. If standing water remains within 30 minutes after rainfall had ended, repair to the grass pavement is recommended.
   e. In the event that the grass pavement surface becomes clogged an engineer must be retained to determine how to restore the grass pavement surface to its original condition.
   f. Any additional maintenance required per the manufacturer's specifications shall also be completed.

VILLAGE OF MAMARONECK STORMWATER INSPECTION SCHEDULE

To schedule inspections, the applicant shall contact the Engineering Department at 914–777–7731 at least 48 hours before any of the following:

1. Installation of erosion and sediment control devices (Pre–construction)
2. Installation of storm water management practices and drainage structures
3. Completion of site clearing,
4. Completion of rough grading,
5. Completion of final grading,
6. Close of the construction season,
7. Completion of final landscaping, and
8. Establishment of landscaping in public areas.
9. One year post–completion maintenance (Bond Release)

POST-CONSTRUCTION DRAINAGE SYSTEM INSPECTION & MAINTENANCE CHECKLIST

Storm Drainage Piping and Manholes/Junction Boxes:
- Has accumulated debris been removed? Yes No N/A
- Do any manholes require additional repair? (identify below) Yes No N/A
- Is there any evidence of stormwater piping failure? Yes No N/A
- Has a comprehensive video inspection been completed? Yes No N/A

Notes:

Drainage Outfalls/Splash Pads/Scour Holes/Level Spreaders:
- Have all drainage outlets been cleared of debris? Yes No N/A
- Have all outlet protections been inspected/repaired? Yes No N/A
- Have all erosion issues been repaired? Yes No N/A

Notes:

Roof Gutters:
- Has accumulated debris been removed from gutters? Yes No N/A
- Do any gutters require additional repair? (identify below) Yes No N/A

Notes:

STATE OF NEW YORK — PHILIP MICHAEL FRANGIONE — 075251 — LICENSED PROFESSIONAL ENGINEER

NOTE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS SURVEY MAP IS A VIOLATION OF SECTION 7209, SUBSECTION 2, OF THE NEW YORK EDUCATION LAW.

No	DATE	DESCRIPTION	DWG

REVISIONS

PROJECT
PROPOSED STORMWATER MANAGEMENT PLAN PREPARED FOR DARREN & CAREN COHEN
960 GREEN MEADOW LANE
MAMARONECK NEW YORK

DRAWING NAME
EROSION CONTROL PLAN & DETAILS

SCALE	AS NOTED
DATE	APRIL 18, 2023
DRAWN	R.M.F.
MUNICIPALITY	MAMARONECK
	SHEET 2 OF 2
	SEC. 9, BLOCK 104
	LOT "K"
SHEET No	S2

FILE NAME: J:\MAMARONECK, NY\COHEN 960 GREEN MEADOW LANE\COHEN 960 GREEN MEADOW SITE.DWG

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