



Dec 2<sup>nd</sup>, 2021

Attn: Neal Zuckerman, Chairperson, and Ronald J. Gainer, Planning Board Engineer  
238 Main Street  
Cold Spring, NY, 10516

Dear Mr. Zuckerman and Mr. Gainer,

Please see the following responses to questions and comments raised from the Nov 18<sup>th</sup> Planning board meeting:

- Flood prevention-This project is in special flood hazard zone AE with base flood elevation (also referred to as 100-year flood or 1-percent annual chance flood hazard) at EL. 7'. We propose to add ~ 12,000 cubic feet of fill to ensure the new dwelling unit stays above the flood level, the new finished floor height is at EL. 10'. For your reference, Hurricane Sandy maximum flood height was measured to reach EL. 9.4'.
- Septic design and reverse osmosis system filtration of well water- Our civil engineer John Kalin PE will be joining the Dec 16<sup>th</sup> meeting to answer any septic and reverse osmosis related questions.
- Lighting impact on navigable waterways- Our marine engineer from Race coastal engineering has informed us that while she hasn't encountered exterior house lighting questions, there is a passage from the Army Corps of Engineers' permit for waterfront dock structure, which asks that 'outdoor lighting is located or shielded so that it is not confused with any aids to navigation and does not interfere with navigation on the adjacent waterway. If installed, the lights must be white and non-flashing.'  
All exterior lights on this project site including landscape and building exterior lights will be non-flashing, full spectrum (white), and dark sky compliant light fixtures.

Below is a list of site improvements and mitigatory measures to summarize and clarify the proposed site and building design:

- Seawall replacement
  - The existing gabion walls at 28 Hudson River Lane allow for settling as they age over time. We are working with Race Coastal Engineering on replacing the existing gabion walls with precast concrete block walls which will be more effective against shoreline erosion.
  - We propose to also replace the seawall cap at 30 Hudson River Ln with L shape blocks which allow for more pervious lawn coverage. The finished top of seawall elevation on both properties will be EL. ± 6.3', 2' higher than existing. See Race Engineering's DEC & Army Corps of Engineers joint application for wall details.
- Stormwater mitigation



- Permeable driveway pavement- We are restoring a portion of the existing gravel driveway back to lawn area, the new driveway will have porous driveway pavement to help with stormwater retention.
  - All decking on site will have spaced boards at >1/8” to limit impervious coverage on site.
  - Extensive and intensive green roofs- The proposed dwelling unit will have ~180sf of intensive green roof on the garage roof and a minimum of 850sf of extensive green roof on the main roof. Green roofs can significantly reduce the volume of water runoff from the roof, catch and retain a portion of rainwater, and slow down the time it takes runoff to leave a roof.
  - Water cisterns to capture and collect stormwater runoff for landscape irrigation.
  - Rain garden with native plants along south property line to increase pollinator habitat and to reduce site water runoff.
- Sustainable building and landscape design
    - Passive house- The proposed single-family dwelling is designed to meet passive house standards. Passive house is designed to use 90% less energy than typical construction, we are eliminating use of all fossil fuels on site (including propane fired generator and propane tanks, oil burners, and oil tanks). This highly efficient home will likely consume no more than 10% in total energy compared to a similarly sized code-built home of similar size. The remaining energy demand will be met and likely exceeded by grid-tied solar panels with battery storage that will serve as backup power when the grid is down, and provide energy management daily to lessen demand on the grid throughout the year.
    - Bird safety glass has a special coating with patterns visible only to birds, these will be used on large window areas to prevent bird collisions.
    - We plan to remove existing invasive trees & plants, relocate native plants during construction, these plants along with new native species will be incorporated into the finished landscape.
    - Chemical free natural pool- Unlike a typical chlorinated pool or salt pool, the proposed chemical free natural pool contains no salt chlorine generators, ozone generators, ionizers, mineral systems, or any other devices. The engineered natural pool uses a bio-based filtration system with biofilm filters, water from this pool will not pollute the site or the Hudson River.

Please do not hesitate to contact us with any questions. We look forward to resuming this conversation with you.

Gratefully,



**James Hartford** | AIA, LEED AP, NCARB, CPHC  
**River Architects, PLLC** | Principal  
 MWBE, DBE, & SBE Certified Business  
 Passive House | Net Zero | Living Buildings | LEED





**EROSION & SEDIMENT CONTROL GENERAL NOTES**

- The Contractor will be responsible for the implementation and maintenance of sediment and erosion control measures on the site prior to and during construction. All erosion control structures are to be maintained in proper functioning order and are to be replaced as necessary.
- All construction activities involving the removal or disposition of soil are to be provided with appropriate protective measures to minimize erosion and contain sediment disposition within. Minimum soil erosion and sediment control measures shall be implemented as shown on the plans and shall be installed in accordance with "New York Standards and Specifications for Erosion and Sediment Controls," latest edition.
- Wherever feasible, natural vegetation should be retained and protected.
- Only the smallest practical area of land should be exposed at any one time during development, and the exposure shall be kept to the shortest practical period of time. Disturbance shall be limited to the areas required to perform construction.
- Stabilized construction entrance, silt fence and hay bales shall be installed as shown on the drawing prior to beginning any clearing and grubbing or earthwork.
- Filter fabric for silt fence is to be Mirafi 140 as manufactured by the Celanese Corporation or approved equal unless otherwise indicated.
- All topsoil to be stripped from the area being developed shall be stockpiled as shown on the plan and immediately seeded with Manhattan rye grass.
- Any graded areas not subject to further disturbance or construction traffic shall, within 10 days of final grading, receive permanent vegetation cover in combination with a suitable mulch. All seeded areas to receive a minimum of 4" topsoil and be seeded and mulched as per "New York Standards and Specifications for Erosion and Sediment Controls," latest edition.
- Grass seed mix may be applied by either mechanical or hydroseeding methods. Hydroseeding shall be performed in accordance with the current edition of the "NYSOT Standard Specification, Construction and Materials, Section 610-3.02, Method No. 1."
- All cut slopes and embankment fills are to be immediately laid back and stabilized as follows:
  - Grade to finished slopes.
  - Scarified.
  - Topsoiled with not less than four inches of suitable topsoil material.
  - Seeded with Manhattan rye grass. Seed shall be applied at the rate of not less than five pounds per 1,000 square feet.
  - Mulched with not less than one inch and not more than three inches of straw (two tons per acre) and anchored in a suitable manner.

- All embankments are to be graded and seeded immediately upon being laid back.
- On all embankment fill slopes, topsoil shall be stripped at least five (5) feet wider than required for the embankment toe of slope. A protective berm of topsoil shall be left in this area, running parallel to the contours for the purpose of restricting drainage runoff. The topsoil berm shall be seeded as required for stockpiles.
- Paved and gravel roadways shall be kept clean at all times.
- The site shall at all times be graded and maintained such that all stormwater runoff is diverted to soil erosion and sediment control facilities.
- All storm drainage outlets shall be stabilized, as required, before the discharge points become operational.
- Stormwater from disturbed areas must be passed through erosion control barrier before discharge beyond disturbed areas or discharged into other drainage systems.
- Sedimentation and erosion control measures shall be inspected and maintained on a daily basis by the Contractor to insure that channels, temporary and permanent ditches and pipes are clear of debris, that embankments and berms have not been breached and that all straw bales and silt fence are intact. Any failure of sediment and erosion control measures shall be immediately repaired by the Contractor and inspected for approval by the O.F.R. and/or Town Engineer.
- Dust shall be controlled by sprinkling or other approved methods as necessary, or as directed by the Engineer.
- Cut and fills shall not endanger adjoining properties.
- All fills shall be compacted to provide stability of material and to prevent settlement.
- The Contractor shall inspect downgrade conditions for evidence of sedimentation on a weekly basis and after rainstorms. The contractor is responsible for separately maintaining a stormwater inspection monitoring program to satisfy Local, State, and Federal Agencies and permits.
- As warranted by field conditions, special additional sedimentation and erosion control measures, as specified by the Project Engineer, Town Engineer, and/or the Town of Philipstown shall be implemented by the Contractor.
- Erosion control measures shall remain in place until all disturbed areas are suitably stabilized.
- A copy of the SWPPP will remain at the job site.

**REQUIRED CONSTRUCTION ACTIVITY SWPPP CONTENTS**

This stormwater pollution prevention plan (SWPPP) has been prepared pursuant to NYSDEC "SPDES General Permit for Stormwater Discharges from Construction Activity" (GP-0-10-001) and conforms with the most current version of "New York Standards and Specifications for Erosion and Sediment Control". Where the practices deviate from the standards, the plan has demonstrated equivalence to the standards. The following list of required SWPPP components is provided in accordance with Part III.B.10f General Permit GP-0-10-001:

- Background Information: This project involves the demolition of two residences and garages, sea wall & sea wall cap replacement, new septic area, and the construction of a new single family residence at 28 & 30 Hudson River Lane in the Town of Philipstown.
  - Site Map / Construction Drawing: This plan serves to satisfy this SWPPP requirement.
  - Soil Description: Soils within this project are as follows: Urban Land Charlton-Chatfield complex.
  - Construction Phasing/ Sequence: This project shall be completed in two phases (demolition and proposed construction) as per the construction sequences provided within this plan.
  - Erosion and Sediment Control Practices Implemented: This plan provides the proposed erosion and sediment control measures that will be implemented as part of this construction project.
  - Temporary and Permanent Soil Stabilization: This plan details the proposed temporary and permanent soil stabilization measures proposed. They have been detailed in accordance with the "New York State Standards and Specifications for Erosion and Sediment Control."
  - Site Map / Construction Drawing: This plan serves to satisfy this SWPPP requirement for erosion and sediment control practices and locations.
- Dimensions and specifications of erosion and sediment control practices: The details, Erosion and Sediment Control Notes and Maintenance Schedule satisfy this SWPPP requirement.
  - Inspection Schedule: This project will be inspected on a daily basis for the duration of construction by the Town, Project Engineer or qualified NYSDEC Trained Contractor. Maintenance shall be performed as per Maintenance Schedule.
  - Pollution Prevention Measures: The Contractor shall be responsible for maintaining the site in a clean condition and provide waste barrels or dumpsters. Hazardous materials shall be stored in a secure manner with secondary containment measures. Contractor shall have all MSDS (material safety data sheets) material inventory and emergency contact numbers readily available at the site. The Contractor shall provide and maintain temporary sanitary facilities (portable toilets) during the course of construction.
  - Industrial Discharges: There are no known industrial related discharges associated with or proposed for this project.
  - Technical Standards Design Variances: All proposed elements of this SWPPP have been designed in accordance with the "New York State Standards and Specifications for Erosion and Sediment Control."

**EROSION & SEDIMENT CONTROL MAINT. MEASURES**

The Contractor shall be responsible for the continued maintenance of the erosion control measures, including repairs and replacement of any erosion control measures, as warranted. The Contractor shall inspect all erosion control measures following rainstorms to ensure all measures are properly functioning. Erosion control measures shall be checked weekly and shall be repaired as required.

**SILT FENCE**

- Accumulated sediment must be removed periodically. The curtain must be inspected often and after each storm. Any damage must be repaired.

**STABILIZED CONSTRUCTION ENTRANCE**

- The Stabilized Construction Entrance (S.C.E.) shall be maintained in a condition which will prevent tracking of sediment onto public Right-of-Ways or streets. This may require periodic top dressing with additional aggregate. All sediment spilled, dropped or washed onto public Right-of-Ways or streets must be removed immediately. When necessary, wheels must be cleaned to remove sediment prior to entrance onto public Right-of-Ways. When washing is required it shall be done on an area stabilized with aggregate which drains into an approved sediment trapping device. All sediment shall be prevented from entering storm drains, ditches, wetlands or watercourses.

**SOIL STOCKPILES**

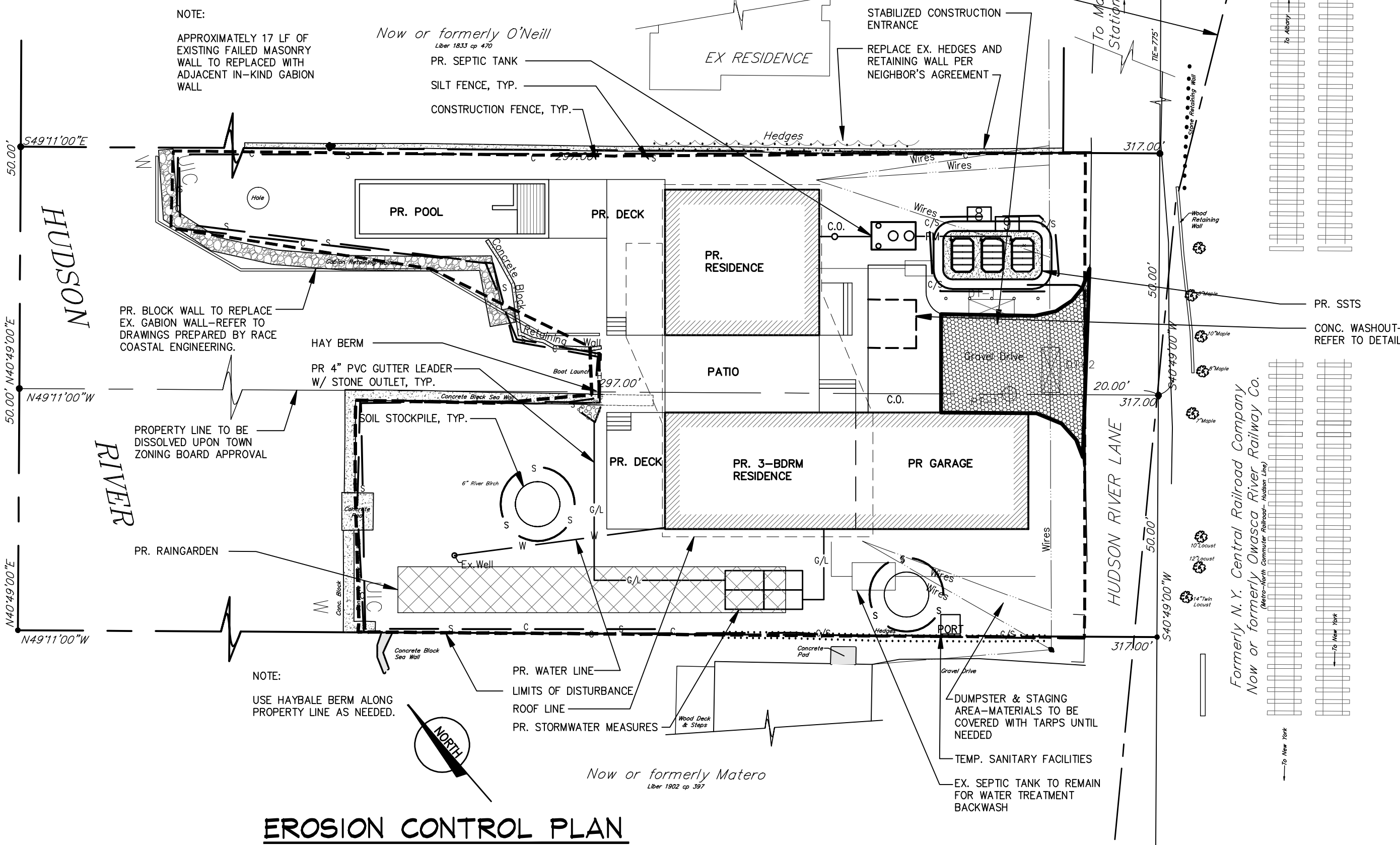
- Inspect silt fence and repair as needed to maintain soil containment.

**PROPOSED CONSTRUCTION SEQUENCE**

- SECURE ALL NECESSARY PERMITS FOR CONSTRUCTION
- POST ALL PERMITS AT JOB SITE
- STAKE OUT PROPOSED IMPROVEMENTS & ESTABLISH OFFSET STAKES FOR FOUNDATIONS, CONFORM BENCHMARK & FLOOD ELEVATION
- CREATE CONSTRUCTION STAGING AREAS
- DIG FOUNDATIONS FOR PROPOSED BUILDING
- INSTALL FOUNDATION
- INSTALL FOOTING DRAIN
- BACKFILL FOUNDATIONS TO SUBGRADE & COMPACT
- CONSTRUCT BUILDING
- EXCAVATE FOR WATER LINE, GAS LINE, & UTILITY LINE
- INSTALL SEPTIC SYSTEM
- INSTALL STORMWATER MEASURES
- TEMPORARILY MULCH SITE
- BROADCAST TOPSOIL AND LANDSCAPE SITE
- RAKE, SEED, AND MULCH GRASS AREA
- REMOVE SEED AND INSTALL DRIVEWAYS
- REMOVE CONSTRUCTION FENCE & SILT FENCING ONCE SITE IS STABILIZED

**GENERAL NOTES**

- ALL WELLS AND SDDS WITHIN 100 FEET OF THE PROPERTY LINE ARE SHOWN ON THE PLAN.
- WATER IS SUPPLIED FROM AN EXISTING WELL.
- TOPOGRAPHICAL AND PROPERTY LINE INFORMATION HAVE BEEN TAKEN FROM A PLANS PREPARED BY BADEY & WATSON, SURVEYING & ENGINEERING, P.C. DATED 06/12/19. DATUM IS APPROXIMATE USGS.
- THIS PARCEL LIES IN THE AE FLOOD ZONE PER THE FEMA FLOOD INSURANCE RATE MAPS. FLOOD ELEVATION IS 7'.
- THERE ARE NO WETLANDS ON THE PARCEL.
- THE PROPERTIES ARE IDENTIFIED ON THE TOWN OF PHILIPSTOWN TAX MAPS AS 89.7-1-8 & 89.7-1-7.
- THE COMBINED LOT AREA IS APPROXIMATELY 0.54 AC.
- THIS PROJECT INVOLVES THE DEMOLITION OF TWO (2) HOUSES AND TWO (2) GARAGES AND THE CONSTRUCTION OF A NEW 3,288 SQ. FT. SINGLE FAMILY RESIDENCE, INCLUDING 859 S.F. GARAGE.



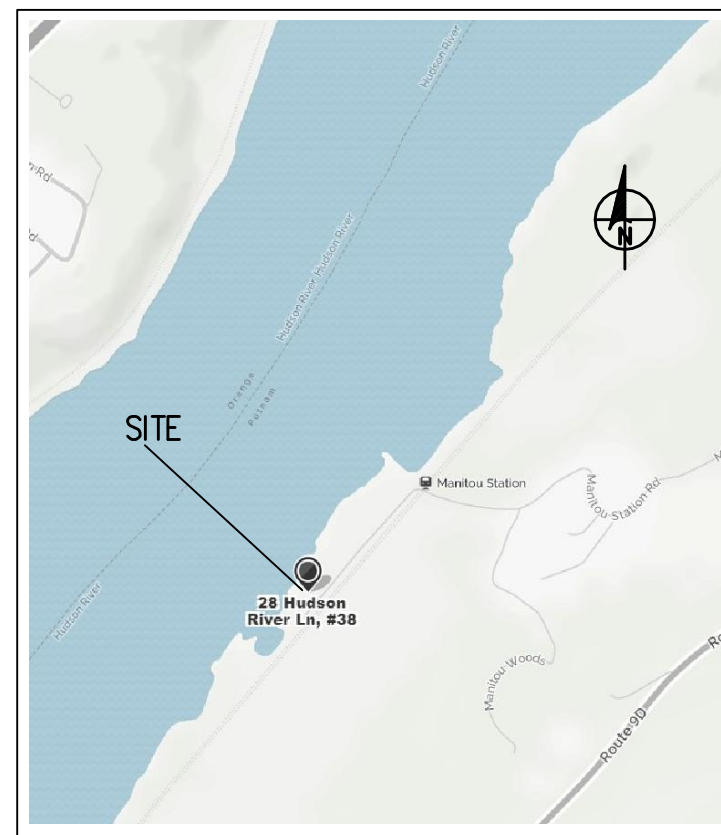
**EROSION CONTROL PLAN**

SCALE: 1 inch = 20 feet

ALTERATION OF THIS DOCUMENT, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW.

**LEGEND:**

- PROPOSED BUILDING
- WELL LINE
- EXIST. CONTOUR
- PROP. CONTOUR
- PERC. TEST LOCATION
- TEST PIT LOCATION
- PROPOSED SILT FENCE
- FORCE MAIN
- WIRES
- LIMITS OF DISTURBANCE
- WETLAND BUFFER
- CONSTRUCTION FENCE
- SOIL STOCKPILE
- HAY BALE BARRIER



**LOCATION MAP**

SCALE: 1 inch = 1000 feet

**SITE INFORMATION**

ADDRESS: 28-30 HUDSON RIVER LN. GARRISON, NY 10524  
 TAX MAP ID: 89.7-1-8 & 89.7-1-7  
 TOPO DATUM: APPROXIMATE USGS  
 PARCEL AREA: 0.54 AC  
 SEWER: ON SITE  
 WATER SUPPLY: PRIVATE WELL  
 RECEIVING WATERS: HUDSON RIVER  
 WETLAND DISTURB: N/A  
 WETLAND BUFFER DIST: N/A  
 OUTSIDE WETLAND & BUFFER DIST: 11,900 SF  
 TOTAL AREA OF DIST: 11,900 SF

**OWNER / APPLICANT**

OWNER: J. WILDRICK & J. GIROUARD  
 ADDRESS: 28-30 HUDSON RIVER LANE GARRISON, NY 10524

**CERTIFICATION STATEMENT**

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND AND AGREE TO COMPLY WITH THE TERMS AND CONDITIONS OF THE EESC PLAN FOR THE CONSTRUCTION SITE IDENTIFIED IN SUCH EESC PLAN AS A CONDITION OF AUTHORIZATION TO DISCHARGE STORMWATER. I ALSO UNDERSTAND THAT THE OPERATIONS THAT I AM ENGAGING IN MUST COMPLY WITH THE TERMS AND CONDITIONS OF THE NEW YORK STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM ("SPDES") GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES AND THAT IT IS UNLAWFUL FOR ANY PERSON TO CAUSE OR CONTRIBUTE TO A VIOLATION OF WATER QUALITY STANDARDS"

DATE: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_  
 TITLE: \_\_\_\_\_

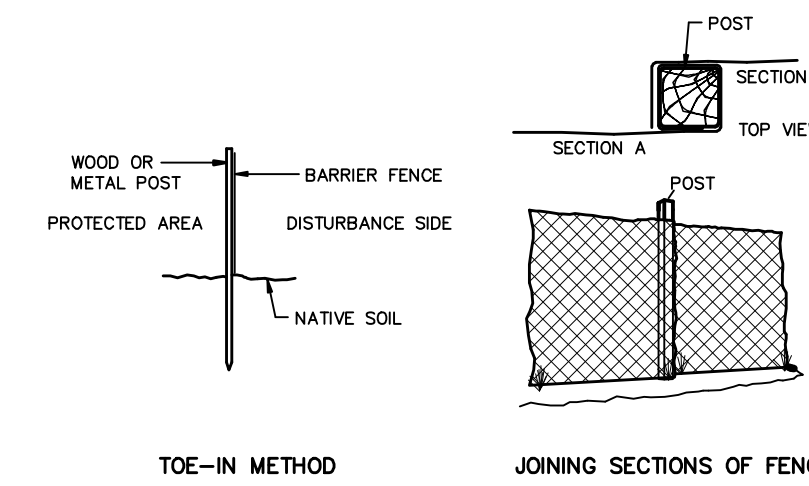
**DIG SAFE NOTE:**  
 UTILITIES ARE PLOTTED FROM FIELD LOCATION AND ANY RECORD INFORMATION AVAILABLE, AND SHOULD BE CONSIDERED APPROXIMATE. OTHER UTILITIES MAY EXIST WHICH ARE NOT INDICATED OR FOR WHICH RECORD INFORMATION WAS NOT AVAILABLE. CONTRACTORS MUST CONTACT ALL UTILITY COMPANIES BEFORE EXCAVATING AND DRILLING. CALL "DIG SAFELY NEW YORK" AT 1(800)992-7962.

D.C. ENGINEERING, P.C.		OFFICE: 3 MEMORIAL AVE. FAULING, NY 12564	TITLE: E & SC PLAN
JOHN A. KALIN, P.E. NY'S LIC. NO. 075804		PHONE: (845) 855-2000	PROJECT: WILDRICK RESIDENCE
		FAX: (845) 855-2609	28-30 HUDSON RIVER LN. GARRISON, NY 10512
		EMAIL: JKALIND@DCOMBAST.NET	SHEET: ESC-1
NO.	BY	REVISION	DATE

SCALE: NOTED DATE: NOV. 30, 2021 SHEET: ESC-1

DRN BY: JAK APP'VD BY: \_\_\_\_\_ PROJ: 113021





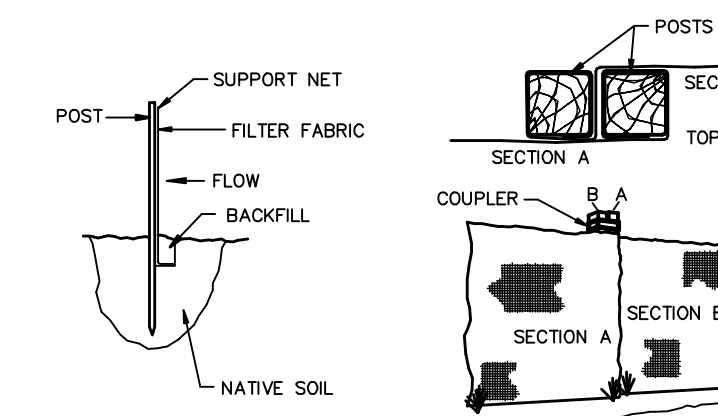
TOE-IN METHOD JOINING SECTIONS OF FENCING

**INSTALLATION NOTES**

1. LOCATE BOUNDARY LINE AS PER PLAN AND NO CLOSER THAN 4" FROM SILT FENCE.
2. POSITION THE POSTS ALONG THE LINE ON 10' CENTERS OR AS DICTATED BY SITE CONDITIONS. DRIVE POSTS INTO GROUND UNTIL FIRMLY PLACED.
3. UNROLL BARRIER FENCING AND ZIP THE FENCING TO DISTURBANCE SIDE OF POSTS WHILE PULLING FENCING TAUNT.
4. JOIN SECTIONS AS SHOWN ABOVE.
5. PERIODICALLY INSPECT FENCING TO CONFIRM THAT IT IS UPRIGHT AND IN SOUND CONDITION. IMMEDIATELY REPAIR ANY DAMAGED LOCATIONS.

**CONSTRUCTION FENCE DETAIL**

NTS



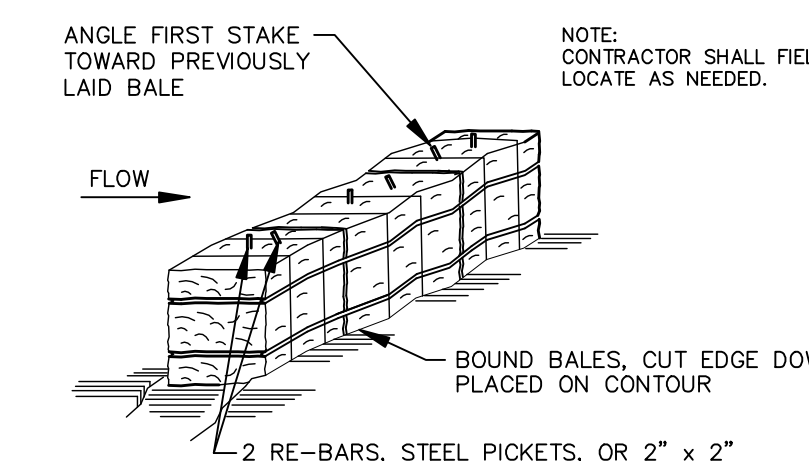
TOE-IN METHOD JOINING SECTIONS OF FENCING

**INSTALLATION NOTES**

1. EXCAVATE A 4 INCH TRENCH ALONG THE LOWER PERIMETER OF THE SITE.
2. UNROLL A SECTION AT A TIME AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM) WALL OF THE TRENCH (NET SIDE AWAY FROM DIRECTION OF FLOW).
3. DRIVE THE POST INTO THE GROUND UNTIL THE NETTING IS APPROXIMATELY 2 INCHES FROM THE TRENCH BOTTOM.
4. LAY THE TOE-IN FLAP OF FABRIC ONTO THE UNDISTURBED BOTTOM OF THE TRENCH. BACKFILL THE TRENCH AND TAMP THE SOIL. STEEPER SLOPES REQUIRE AN INTERCEPT TRENCH.
5. JOIN SECTIONS AS SHOWN ABOVE.

**SILT FENCE DETAIL**

NTS

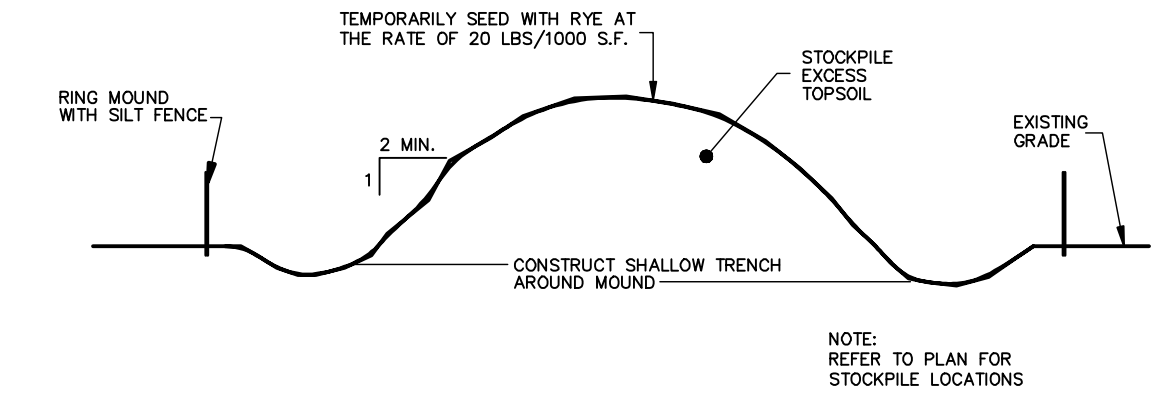


**CONSTRUCTION SPECIFICATIONS**

1. DRAINAGE AREA, NO MORE THAN 1/4 ACRE, PER 100 FEET OF STRAW BALE DIKE FOR SLOPES LESS THAN 20%.
2. BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
3. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDING IS HORIZONTAL.
4. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO OR RE-BARS STAKES DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
5. INSPECTION SHALL BE FREQUENT AND REPAIR/REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
6. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE FLOW OR DRAINAGE.

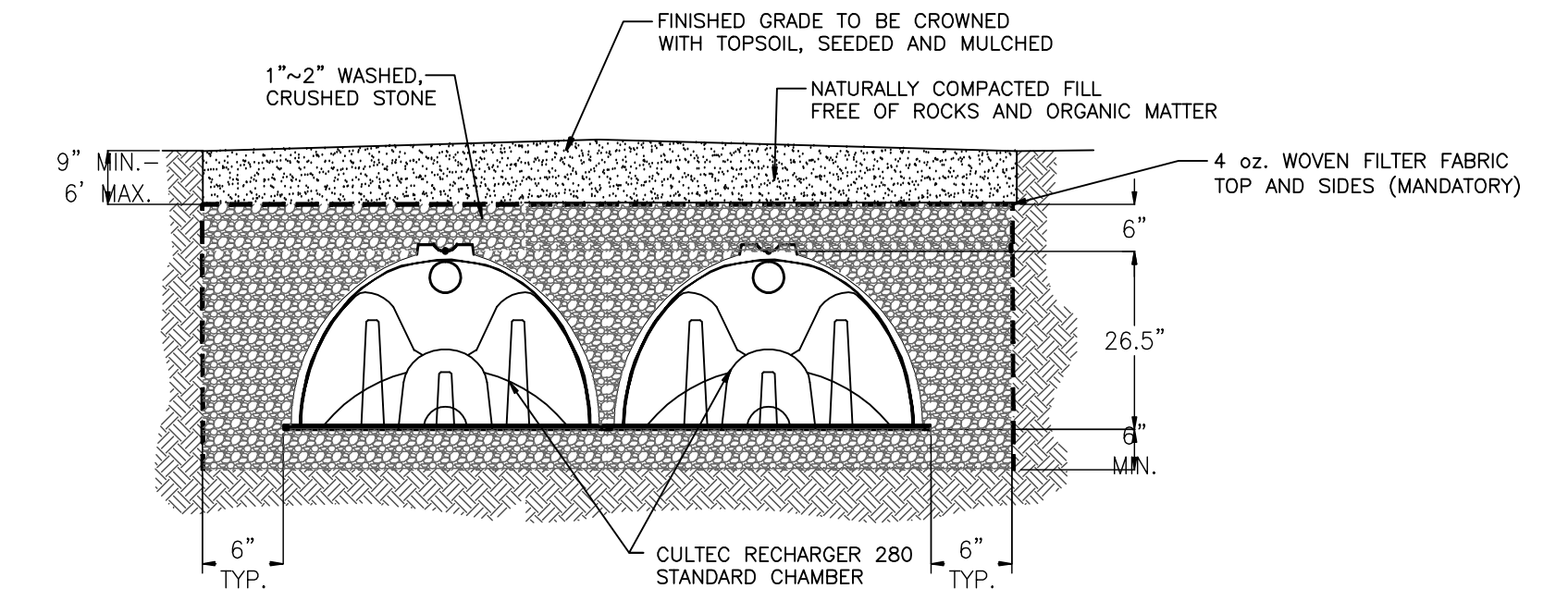
**HAY BERM DETAIL**

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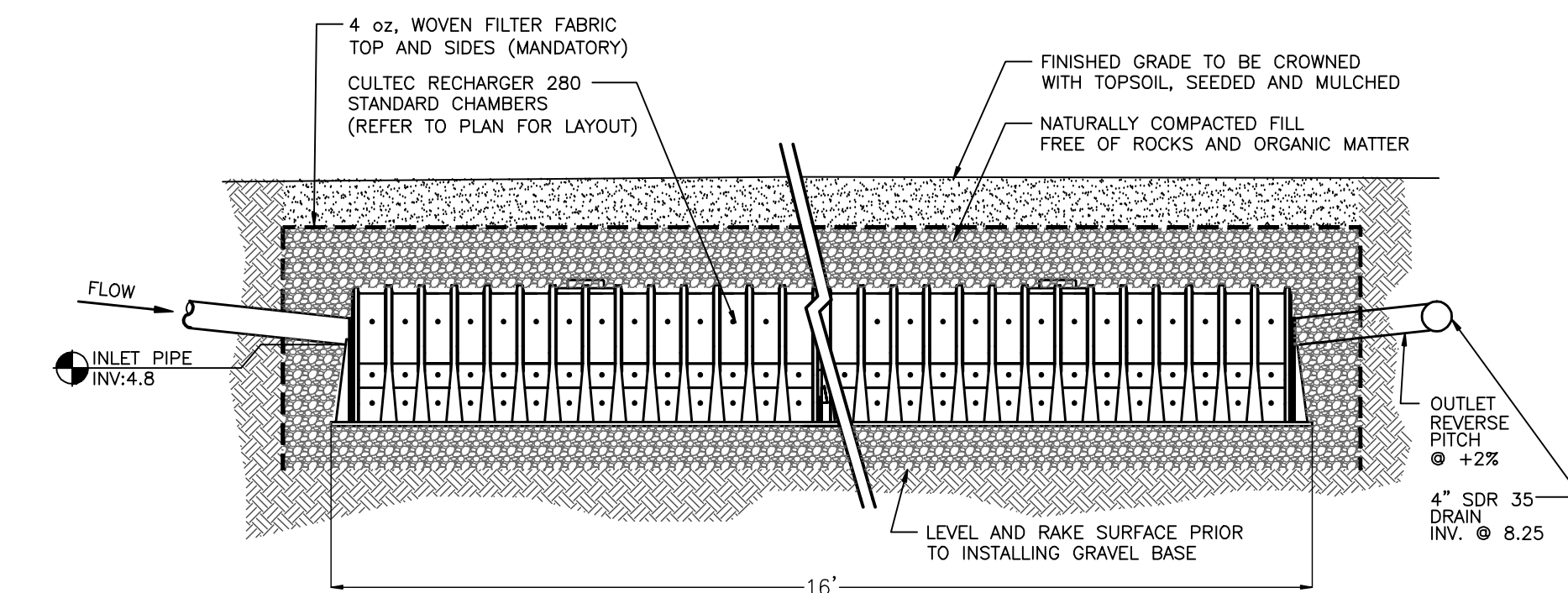
**TOPSOIL STOCKPILE DETAIL**

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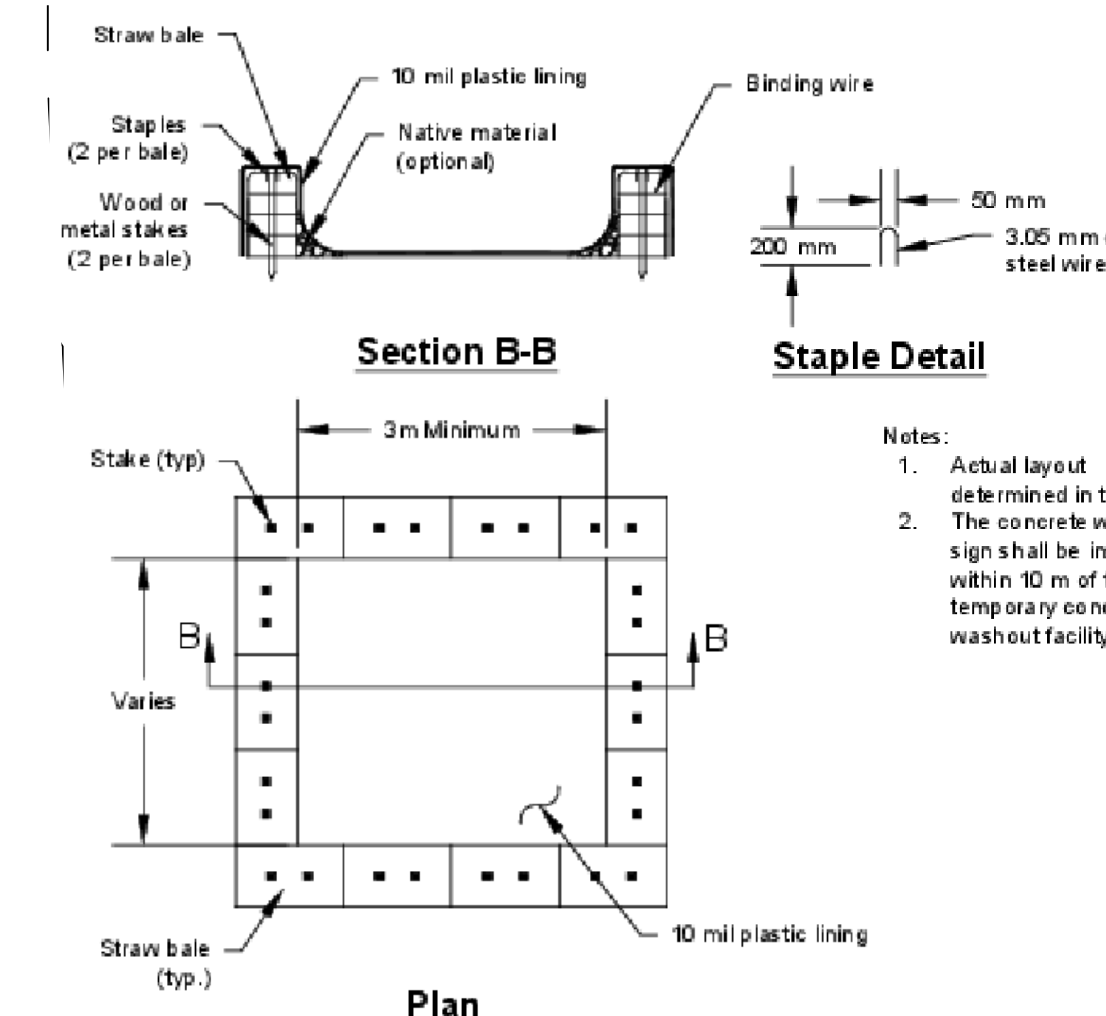
**STORM WATER RETENTION CROSS SECTION**

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**STORM WATER RETENTION DETAIL**

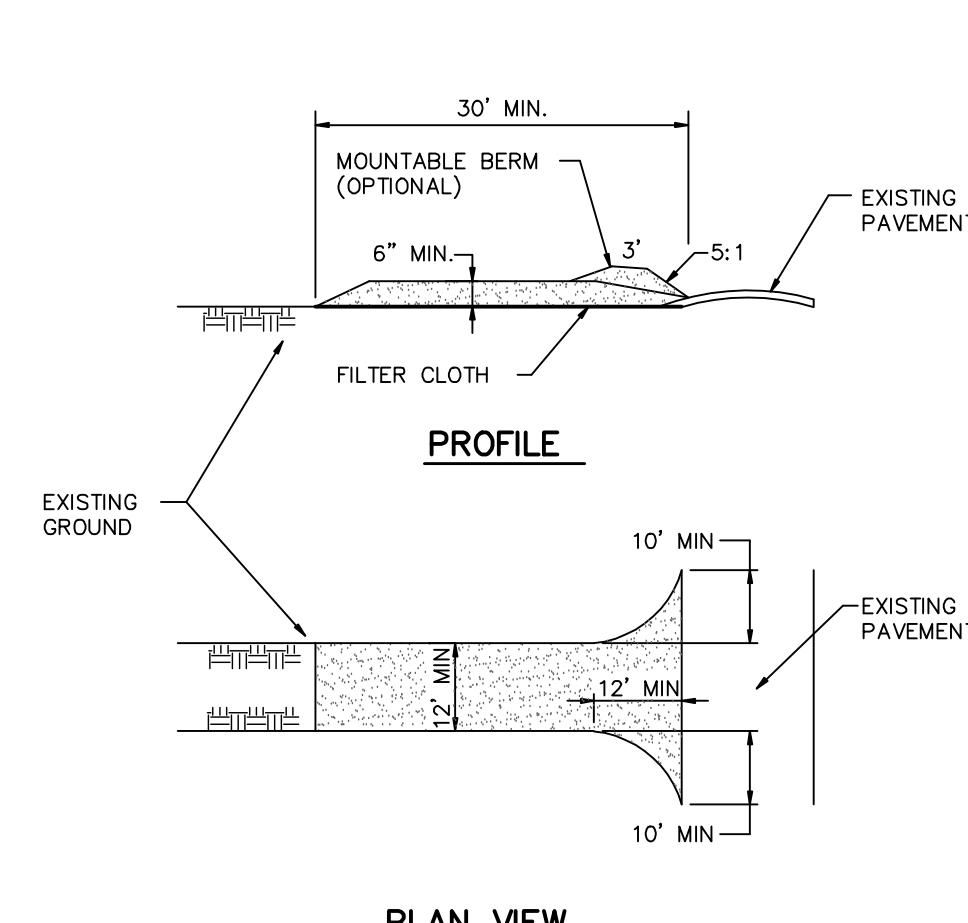
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- Maintenance**
1. All concrete washout facilities shall be inspected daily. Damaged or leaking facilities shall be deactivated and repaired or replaced immediately. Excess rainwater that has accumulated over hardened concrete should be pumped to a stabilized area, such as a grass filter strip.
  2. Accumulated hardened material shall be removed when 75% of the storage capacity of the structure is filled. Any excess wash water shall be pumped into a containment vessel and properly disposed of off site.
  3. Dispose of the hardened material off-site in a construction/demolition landfill. On-site disposal may be allowed if this has been approved and accepted as part of the project's SWPPP; in that case, the material should be recycled as specified, or buried and covered with a minimum of 2 feet of clean compacted earthfill that is permanently stabilized to prevent erosion.
  4. The plastic liner shall be replaced with each cleaning of the washout facility.
  5. Inspect the project site frequently to ensure that no concrete discharges are taking place in non-designated areas.

**CONCRETE WASHOUT DETAIL**

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**INSTALLATION NOTES**

1. STONE SIZE - USE 2" STONE.
2. LENGTH - NOT LESS THAN 30 FEET.
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
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 RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. 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 DETAILS**

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<b>D.C. ENGINEERING, P.C.</b>		OFFICE: 3 MEMORIAL AVE. FAULLING, NY 12564	TITLE: <b>E &amp; SC DETAILS</b>
JOHN A. KALIN, P.E. NY & LIC. NO. 079004		PHONE: (845) 855-2000 FAX: (845) 855-2609 EMAIL: JKALINDC@COMCAST.NET	PROJ: <b>WILDRICK RESIDENCE</b>
NO.	BY	REVISION	DATE
SCALE: <b>NOTED</b>		DATE: <b>NOV. 30, 2021</b>	
DRN BY: <b>JAK</b>		APPYD BY:	PROJ: <b>113021</b>
			SHEET: <b>ESC-2</b>

28-30 HUDSON RIVER LN.  
GARRISON, NY 10512



**Phase 1- Seawall & Demolition**

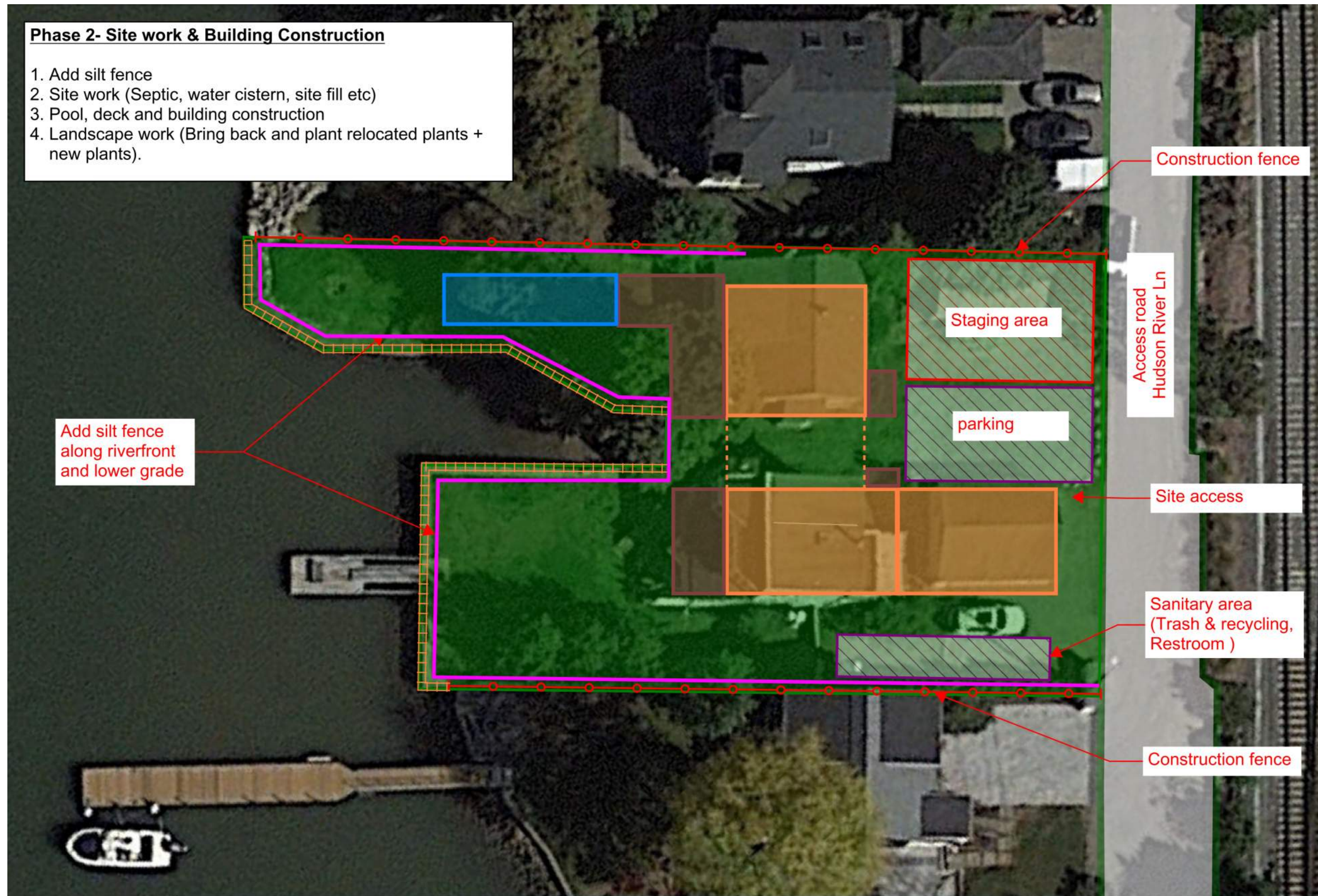
1. Set up temporary construction fence along north and south property lines.
2. Set up temporary cofferdam for seawall replacement work.
3. Remove & relocate plants & trees on site.
4. Demolish all existing structures on 28 HRL.
5. Demolish all existing structures on 30 HRL.





**Phase 2- Site work & Building Construction**

1. Add silt fence
2. Site work (Septic, water cistern, site fill etc)
3. Pool, deck and building construction
4. Landscape work (Bring back and plant relocated plants + new plants).





0953 0015

9

ROAD MAINTENANCE AGREEMENT

1. The undersigned parties, being all of those who own property affected by the easement or private street described below, agree to the following:
  - a. The expenses of maintenance, repair and/or restoration of the easement or private street covered by this Agreement shall be apportioned equally.
  - b. The right-of-way shall be maintained in good, passable condition under all traffic and weather conditions.
  - c. That this agreement shall run with the land and shall be appurtenant thereto and is not a personal right afforded each party, and shall bind all heirs, distributees and assigns.
  - d. This Agreement is made by and between all parties who own property affected by the easement or private street.
2. The easement or private street covered by this agreement is described as follows:

(describe easement)

See Attached

STATE OF NEW YORK )  
COUNTY OF PUTNAM ) ss.:

On this 18<sup>TH</sup> day of April 1987, before me personally came to me known and known to me to be the individuals described in and who executed the foregoing instrument, and they duly acknowledged to me that they executed the same.

Andra Bramick  
Notary Public

ANDRA BRAMICK 497805  
Notary Public, State of New York  
Qualified in Dutchess County  
Commission Expires 06/25

07275

\*x where names are fully detailed on exhibit A attached

0953 0016

Description of Easement

The private roadway is a strip of land along the easterly borders of the affected properties for the purpose of ingress and egress, said strip being of a uniform width of twenty (20) feet and extending over and across the affected properties beginning at the end of Manitou Station Road and extending southward approximately nine hundred seventy five (975) feet ending at the last affected property (Lang property).