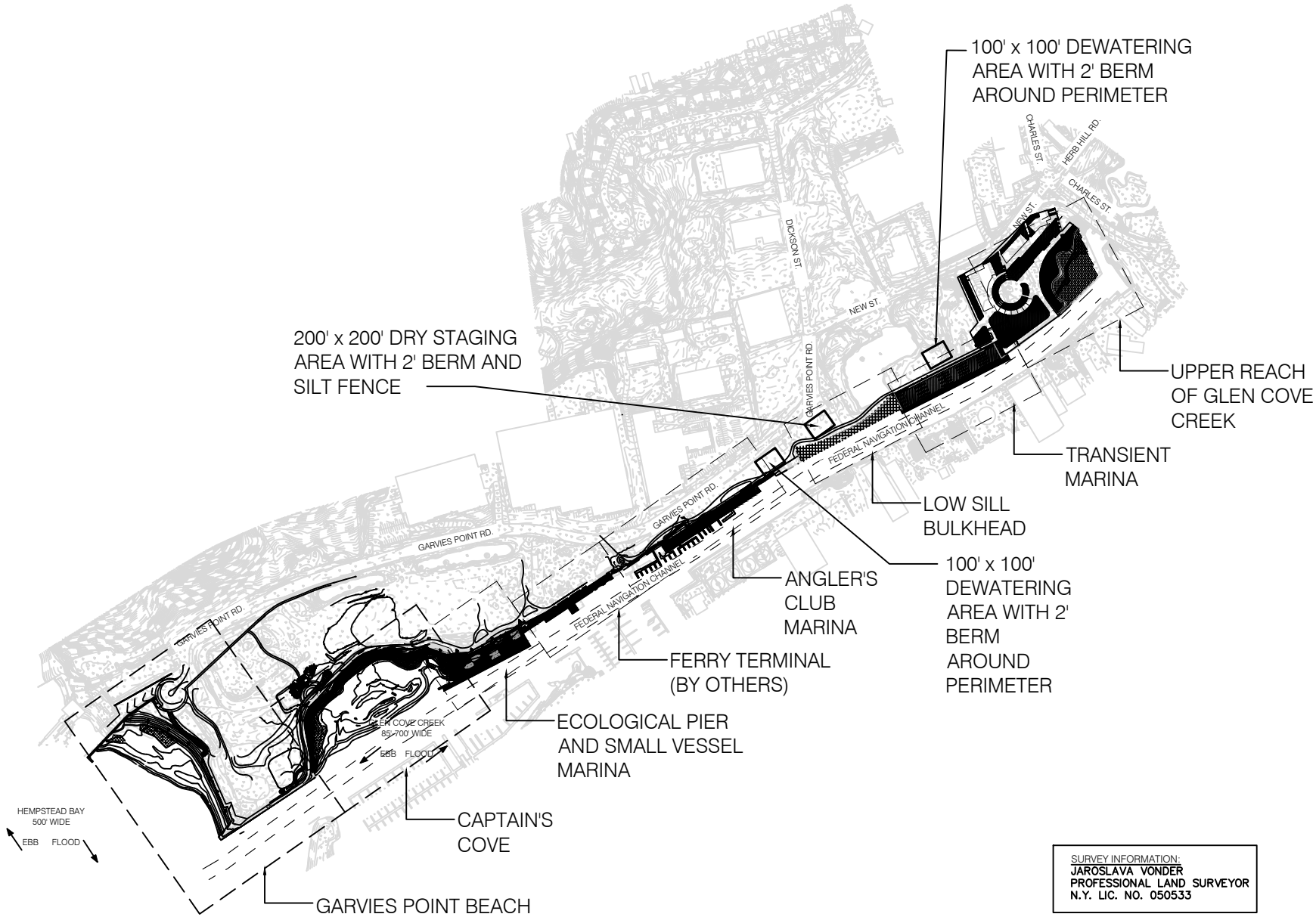


SURVEY INFORMATION:
JAROSLAVA VONDER
PROFESSIONAL LAND SURVEYOR
N.Y. LIC. NO. 050533

1	SITE PLAN - PROPOSED REDEVELOPENT
	1" = 600'

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE

NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

G-000

SHEET 1 OF 39

NOTES:

1. EXCEPT IN CAPTAIN'S COVE, LANDWARD LIMIT OF TIDAL WETLANDS IS EQUIVALENT TO THE LINE OF MEAN HIGH WATER (MWH) AS DELINEATED 5/11/2004 BY C.W. BOWMAN AND VERIFIED 12/9/2008 BY W.P. BOWMAN AND K. RISOTTO, LAND USE ECOLOGICAL SERVIES, INC. IN CAPTAIN'S COVE, LANDWARD LIMIT OF TIDAL WETLANDS IS EQUIVALENT TO THE LIMIT OF EXISTING VEGETATED INTERTIDAL/HIGH MARSH AS DELINEATED 5/11/2004 BY C.W. BOWMAN AND VERIFIED 12/9/2008 BY C.P. BOWMAN AND K. RISOTTO, LAND USE ECOLOGICAL SERVICES, INC.
2. VERTICAL DATUM IS NAVD88. HORIZONTAL DATUM IS NAD83.
3. DREDGE AREAS TO HAVE A MAXIMUM SIDE SLOPE OF 1:5.

1. NYSDEC JURISDICTIONAL LIMITS, LABELED AS: NYSDEC ART. 25 (TIDAL WETLANDS) JURISDICTIONAL LIMITS AS CONFIRMED BY NYSDEC 6/11/2010.
2. SPRING HIGH WATER LINE (SHW) AT ELEVATION 4.9' NAVD
3. MEAN HIGH WATER LINE (MHW) AT ELEVATION 3.3' NAVD
4. MEAN LOW WATER LINE (MLW) AT ELEVATION -3.9' NAVD
5. WHERE NOT SPECIFIED ON SHEET, THE TIDAL WETLAND BOUNDARY, SHW, MHW, AND MLW LINE ARE EQUIVALENT TO THE EXISTING BULKHEAD.
6. PLEASE REFER TO THE DREDGING AND EXCAVATION WORK PLAN PREPARED FOR THE GLEN COVE CREEK MIXED-USE WATERFRONT REDEVELOPMENT PROJECT FOR INFORMATION ON CONSTRUCTION METHODOLOGY, SEQUENCING, MATERIAL HANDLING AND DISPOSAL, AND CONSTRUCTION MONITORING

REFERENCES:

1. BOUNDARY INFORMATION AS PER PLAN ENTITLED "ALTA/ACSM LAND TITLE SURVEY" FOR GLEN ISLE - GLEN COVE WATERFRONT REDEVELOPMENT, CITY OF GLEN COVE, NASSAU COUNTY, NEW YORK PREPARED BY PAULUS SOKOLOWSKI & SARTOR, PC, DATED 9/27/2012. HORIZONTAL DATUM IS NORTH N.Y.S.P.C.S.
2. TOPOGRAPHIC AND EXISTING CONDITION INFORMATION AS PER AERIAL PHOTOGRAPHY PREPARED BY ATLANTIS AERIAL SURVEY CO., INC., DATED 3/23/2012. HORIZONTAL DATUM IS NAD 83/07. VERTICAL DATUM IS NAVD 88.
3. PARTIAL SURVEY OF EXISTING FERRY PARCEL PREPARED BY PAULUS SOKOLOWSKI & SARTOR, PC, PER FIELD SURVEY OF SEPTEMBER 2012.
4. LIMITS OF TIDAL WETLANDS PREPARED BY LAND USE ECOLOGICAL SERVICES INC., DATED 5/11/2004 AND VERIFIED 12/9/2008.

INDEX

G-000	SITE PLAN
G-001	NOTES
G-002	NOTES
G-003	NOTES
G-004	NOTES
G-005	NOTES
A-100	GARVIES POINT BEACH PLAN
A-101	GARVIES POINT BEACH PLAN
A-102	CAPTAIN'S COVE PLAN
A-103	CAPTAIN'S COVE PLAN
A-104	ECOLOGICAL PIE AND SMALL VESSEL MARINA PLAN
A-105	FERRY TERMINAL PLAN
A-106	ANGLAR'S CLUB MARINA
A-107	LOW SILL BULKHEAD PLAN
A-108	TRANSIENT MARINA PLAN
A-109	TIDAL WEIR AND TURNING BASIN PLAN
A-110	INSET PLANS
A-200	GARVIES POINT BEACH SECTIONS
A-201	GARVIES POINT BEACH AND CAPTAIN'S COVE SECTIONS
A-202	GARVIES POINT BEACH AND CAPTAIN'S COVE SECTIONS
A-203	ECOLOGICAL PIER AND SMALL VESSEL MARINA SECTIONS
A-204	ECOLOGICAL PIER AND SMALL VESSEL MARINA SECTIONS
A-205	ANGLERS CLUB MARINA SECTION
A-206	LOW SILL BULKHEAD
A-207	TRANSIENT MARINA SECTIONS
A-300	STEEL BULKHEAD ELEVATION WITH CONCRETE CAP WEST OF FERRY
A-301	STEEL BULKHEAD WEST OF FERRY RECONSTRUCTION DETAILS
A-302	OUTFALL DETAIL - STEEL BULKHEAD
A-303	TYPICAL PROPOSED FLOATING DOCK PERPENDICULAR CONNECTION JOINT
A-304	FLOATING DOCK PERPENDICULAR CONNECTION JOINT
A-305	OPEN CELL STEEL BULKHEAD DATA
A-306	OPEN CELL STEEL BULKHEAD ELEVATION & CROSS SECTION (ANGLER'S CLUB, LOW-SILL WETLANDS, TRANSIENT MARINA)
A-307	OUTFALL ELEVATION - OPEN CELL STEEL BULKHEAD
A-308	OUTFALL ELEVATION - OPEN CELL STEEL BULKHEAD
A-309	OUTFALL DETAIL - OPEN CELL STEEL BULKHEAD SECTION
A-310	CONCRETE CAP DETAILS
E-100	UTILITY DESIGN
E-101	UTILITY DESIGN
E-102	UTILITY DESIGN

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

RXR GLEN ISLE PARTNERS LLC
WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

G-001

PLANTING SPECIFICATIONS - WETLAND & SHORELINE RESTORATION AREAS

Planting Specifications for the wetland and shoreline restoration areas at Captain's Cove, Renaissance Park, and the Upper Reach of Glen Cove Creek are provided below.

Plant Species and Size

Upland Shrubs (3-4' in height, 2 gallon containers on 12' centers): 241 plants

Northern Bayberry	*Morella pensylvanica*
Groundsel Bush	*Baccharis halimifolia*
Beach Plum	*Prunus maritima*

Upland Herbaceous Plants (2" plugs on 18" centers): 13,277 plants

Switch Grass	*Panicum virgatum*
Seaside Goldenrod	*Solidago sempervirens*
Butterfly Milkweed	*Asclepias tuberosa*
Smooth Aster	*Aster laevis*

High Marsh Plants (2" plugs on 18" centers): 2,767 plants

Salt Hay	*Spartina patens*
Spike Grass	*Distichlis spicata*

Low Marsh Plants (2" plugs on 18" centers): 19,092 plants

Smooth Cordgrass	*Spartina alterniflora*

Whole Marsh Sods (4-9 sq. ft. sods distributed evenly throughout receiving areas): 7,970 sq. ft. to be transplanted.

Planting Windows

Low Marsh Sod Transplanting: March 1 to June 30
Low Marsh, High Marsh, and Upland Slope Plugs: Spring Season April 15 to June 15
Upland Slope Shrubs: April 1 to May 15

Elevation Requirements

Upland Slope Plants: > 6.0'
High Marsh Plants: 4.4 - 6.0'
Low Marsh Plants: 1.0' - 4.4'

Planting Methods and Specifications

Site Preparation

Planting substrates shall be free from debris, noxious weeds, toxic substances or other materials harmful to plant growth. Prior to commencement of planting operations, the Contractor shall complete a Soils Test in accordance with ASTM D 5268 and ASTM D 4972 to determine the pH, organic matter, soluble salt, and nutrient contents, as well as soil texture, of the planting substrates. Separate sample collections shall occur for each planting area, and be random over the separate areas.

Prior to the commencement of the planting operations, the Contractor shall verify that finished grades are as indicated on the plans, and the finishing and compaction requirements have been completed in accordance with design specifications. After grading is complete, heavy equipment is prohibited from entering planting areas.

Herbivory Fence

Herbivory Fence shall be installed after final grades in the marsh areas and upland slope planting areas are completed. Herbivory Fence shall be installed prior to or concurrently with installation of the low and high marsh and upland slope plants. Under no circumstances are these plants to be planted outside the containment of a satisfactorily installed Herbivory Fence.

Fence Materials shall be as follows:
Herbivory Fence shall be made of the following materials:

Wood Stakes on 10' centers: Untreated hardwood lumber, pointed-tip stakes. Stakes must be free from large knots that weaken the strength of the stake.

Fence Fabric: 6-ft high panel deer exclusion fence, UV-stabilized, minimum 600 lbs/ sf breaking strength, or equivalent item

Fabric may be attached to wood stakes using heavy-duty zip-ties or 1.5 inch hot dipped galvanized u-nails.

Nylon twine: Braided nylon mason's line #18 gauge cord with tensile strength of 150 pounds.

Plastic flagging tape or Mylar tape

Herbivory Fence shall be installed after final grades in the marsh and upland slope planting areas are completed and approved by. Herbivory Fence shall be installed prior to or concurrently with installation of the marsh and upland plants. Under no circumstances are these plants to be planted outside the containment of a satisfactorily installed Herbivory Fence.

Stakes shall be pounded vertically into the substrate. Herbivory Fence shall be installed a minimum of 18 inches away from the first row of wetland planting. At least one stake shall be also be installed in the interior of each cell to provide support for nylon twine and flagging tape. Planting cells should be approximately 50' x 50' in size. The fence fabric shall be secured at the top, middle, and bottom to the wood stakes with plastic ties. All fence shall be placed so that the bottom of the fence lies entirely on the substrate. Upon completion of the outer perimeter of each cell and the installation of interior stakes, nylon twine shall be strung across the tops of the planting areas from the perimeter stakes to the interior stakes. The nylon twine shall be wrapped around the top of the stake several times. The twine shall be strung to the next stake and wrapped again before continuing on to the next stake. Mylar or plastic flagging, trailing at least 12 inches of tape from the tie, shall be tied to the top of each hardwood stake (both perimeter and interior). The flagging shall also be tied along the interior nylon twine. Stringing of the interior twine and tying of flagging may be done after planting in a cell is completed; however, no planted area is to be left exposed without interior lines and flagging at the end of any workday. No unused strands of nylon twine, fence fabric, packaging materials, wood stakes or any other construction debris shall be left on the Project Site after fence installation and guarantee maintenance has been completed. Herbviory fencing may be removed after two growing seasons if 85% coverage/survivorship is attained.

Plant Material

Plants shall be well-shaped, well-grown, vigorous plants having healthy and well branched root systems. Plants shall be free from disease, harmful insects and insect eggs, sun-scald injury, disfigurement, and abrasion. Plants shall be free of shock or damage to branches, trunks or root systems that may occur during digging and preparation for shipment, method of shipment or actual shipment. Marsh plants shall be acclimated to saline conditions (20 ppt) when delivered and this needs to be maintain until they are planted. Plants should be from a suitable geographic location to ensure proper adaptation to Long Island climate and edaphic conditions. Plants shall not be injured in handling. Plants shall not be handled by the trunk or stems. Materials shall not be dropped from vehicles.

Plant Installation

Plugs:

Plugs shall be planted at a depth of no more than 1 inch deeper than grown in the nursery. The top of the rootstock mass shall be a minimum of 1 inch below the soil surface. Plants shall be set plumb, with the root system oriented downward, and held in position until sufficient soil has been firmly placed by hand around the root mass. The plant shall be set even with or slightly higher than the surrounding grade. It shall be unacceptable to step on or around planting holes for the purposed of placing backfill. All planting shall be done "in the dry", i.e. while the tide is below the elevations of the area being planted.

Shrubs:

Plant pits shall be dug approximately 4 inches wider than the stock size. To encourage well-aerated soil to be available to the root system for favorable root growth, plant pits shall be constructed with sides sloping towards the base. Prior to placing a shrub, fertilizer shall be placed in the bottom of each plant pit. At no time shall fertilizer be placed in the water column or on top of the soil surface.

Fertilizers shall only be applied to upland shrubs. Shrub shall be a slow release tablet with a 20-10-5 nitrogen-phosphorus-potassium ratio. Fertilization rate shall not exceed manufacturer's specifications for appropriate-sized shrub.

Transplanting of Low Marsh Sods:

Marsh sods must be re-planted within 48 hours of being removed or uprooted. Marsh sods may not be transplanted when the ambient temperature are below 33 degrees Fahrenheit.

Any wrack and debris that has collected in the low marsh planting areas shall be thoroughly removed and disposed of in an offsite licensed facility prior to transplanting. These areas shall be raked clean and smooth. All transplanting shall be done "in the dry", i.e. while the tide is below the elevations of the area being planted. The Contractor shall schedule planting on a daily basis to account for the diurnal tidal cycles. Transplanting holes shall not be dug while planting substrates are inundated.

Sods shall be removed with caution by a long reach excavator position on top of the existing or reconstructed bulkhead. A Wetland Specialist shall be on-site to supervise transplanting of low marsh sods during all transplanting activities. Excavator bucket shall be guided to proper depth to ensure that roots and rhizomes remain intact. The long reach excavator may place a stockpile of sods and then have other machinery, such as a bobcat, move the hummocks to the final transplant area. Transplanted marsh sods shall be approximately 4-9 square feet in area. Holes for the sods shall be dug, so that the backfill goes no higher than the top of any mussels at the base of the plant material or no lower than the base of the mussel bed. If mussels are not present, the hummocks must be backfilled up to the maroon part of the stems of the *Spartina alterniflora*. The green part *Spartina alterniflora* stems should not be covered with backfill material. All backfill shall be smoothed, leveled and tamped so that there are no holes, divots or ponding around the sods. The grade immediately around the sods shall be re-checked no sooner than 48 hours after fill placement and any holes, divets or ponding must be fixed by adding fill or re-grading.

Maintenance

Upland plants shall be irrigated to ensure 1 inch of water per week through natural precipitation or supplemented by irrigation.

Any plants not installed on the day of delivery at the project site shall be stored and protected in designated areas from direct exposure to wind and sun. Any areas used for temporary storage of low and high marsh plants must be enclosed with perimeter Herbivory Fence to prevent grazing by waterfowl. Plants must not be stored on-site for more than 7 days before planting. If planting is delayed for more than 6 hours after delivery, the plants shall be watered.

Installed plants shall be maintained in a healthy growing condition. Maintenance of planting areas during construction shall include preventing the intrusion of weeds, grass, and other undesired vegetation, watering, and adjusting grades for settling. Grass, weeds, and other undesired vegetation shall be removed before reaching a maximum height of 12 inches.

Any planted areas disturbed prior to completion of the guarantee/maintenance period of five growing seasons shall be repaired or reinstalled in accordance with the above specifications.

During the guarantee/maintenance period and until final acceptance, mechanical weed removal, hand pulling and herbicide application may be utilized to keep materials free from invasive vegetation.

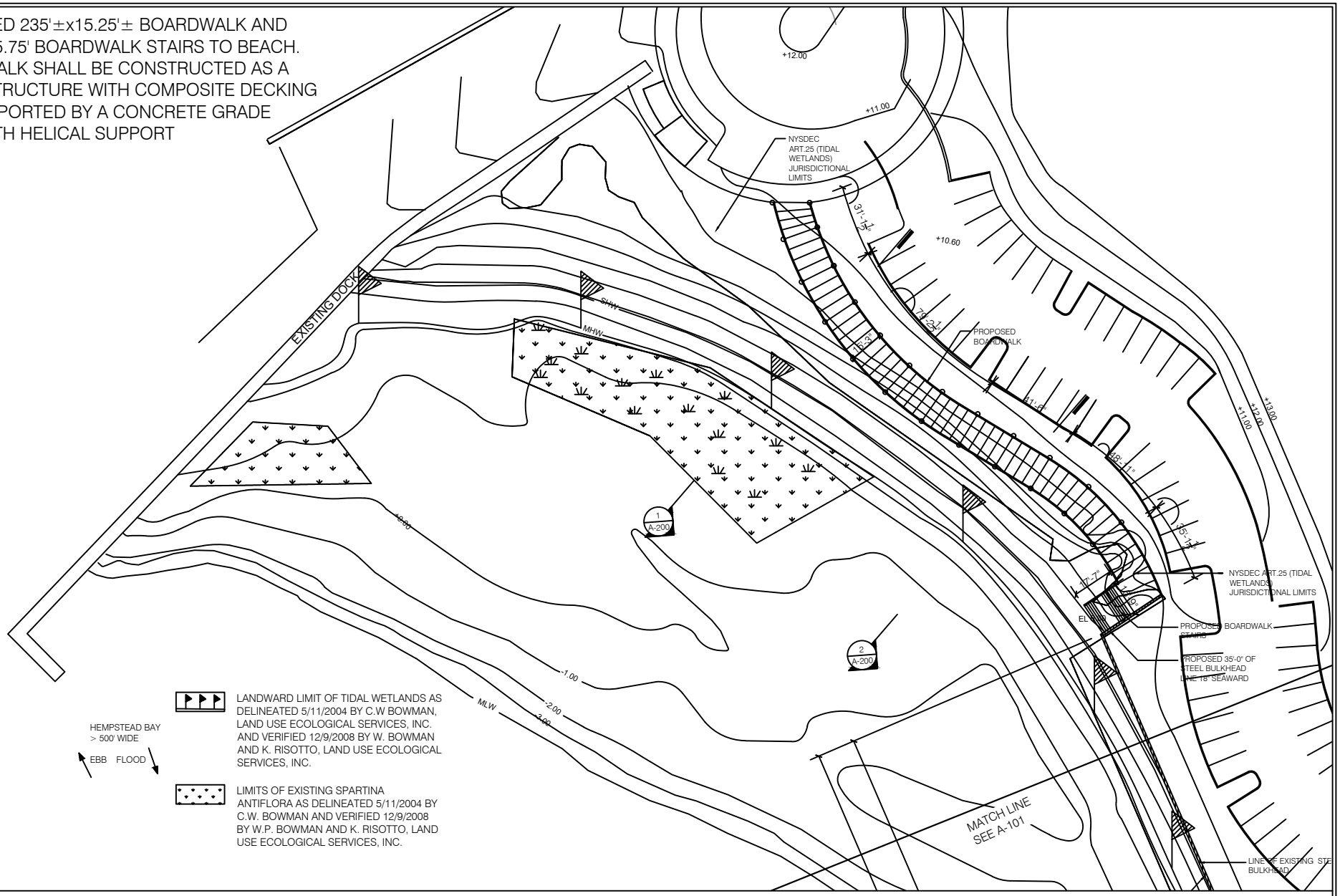
During the guarantee/maintenance period, twice-yearly inspections (between May and August) to identify and remove any invasive vegetation [i.e. *Phragmites australis* (Common reed grass), *Ailanthis altissima* (Tree- of-Heaven), *Eleagnus angustifolia* (Russian olive), *Artemesia vulgaris* (mugwort) or other invasive species]. All plant vegetation and naturally recruiting native vegetation shall remain undisturbed. Mechanical weed removal shall consist of the removal of stems and rhizomes. Should invasives cover 5% or more of the site herbicide may be applied.

Necessary environmental permits must be obtained for any herbicide treatments. Herbicides shall be used with extreme caution in regard to safety and health. All manufacturer's safety instructions to avoid adverse impacts to human health must be followed. Any spray materials shall be applied with great care to avoid collateral damage to surrounding, native or planted vegetation. Applications to herbaceous invasives shall consist of a glyphosate based herbicide with a non-ionic surfactant. Applications to woody invasives shall consist of spraying the cut stump. All herbicides shall be applied by hand painting, back-pack sprayer or other controlled means to prevent damage to desirable planted vegetation. All spraying shall be done at times when wind does not exceed a velocity of five (5) miles per hour.

Survivorship Guarantee/Maintenance Period

As required by NYSDEC in their Salt Marsh Restoration and Monitoring Guidelines (Niedowski, 2000), applicant shall be responsible for ensuring 85 percent survival of the planted vegetation over five (5) growing seasons. Eighty-five percent (85%) survival shall not be required over five growing seasons if greater than 85% coverage of native vegetation is observed. The plant guarantee period shall commence on the date of the completion of construction, and shall end on October 15 on the fifth growing season. Plant losses due to attributed to herbivores, disease, drought, wind, or storm events shall not lower the minimum survival or coverage requirements. If replacement plants are installed at the end of the five year period to attain 85% survival or coverage, replacement plants shall be guaranteed for an additional growing season from the date of replanting. For low marsh sods, replacement will consist of a 3 ft by 3 ft plot with *Spartina alterniflora* plugs placed 6 inches on center, or a total of 36 plugs.

PROPOSED 235'±x15.25'± BOARDWALK AND 17.6' ±x15.75' BOARDWALK STAIRS TO BEACH. BOARDWALK SHALL BE CONSTRUCTED AS A WOOD STRUCTURE WITH COMPOSITE DECKING AND SUPPORTED BY A CONCRETE GRADE BEAM WITH HELICAL SUPPORT



1	GARVIES POINT BEACH PLAN
	1" = 60'

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

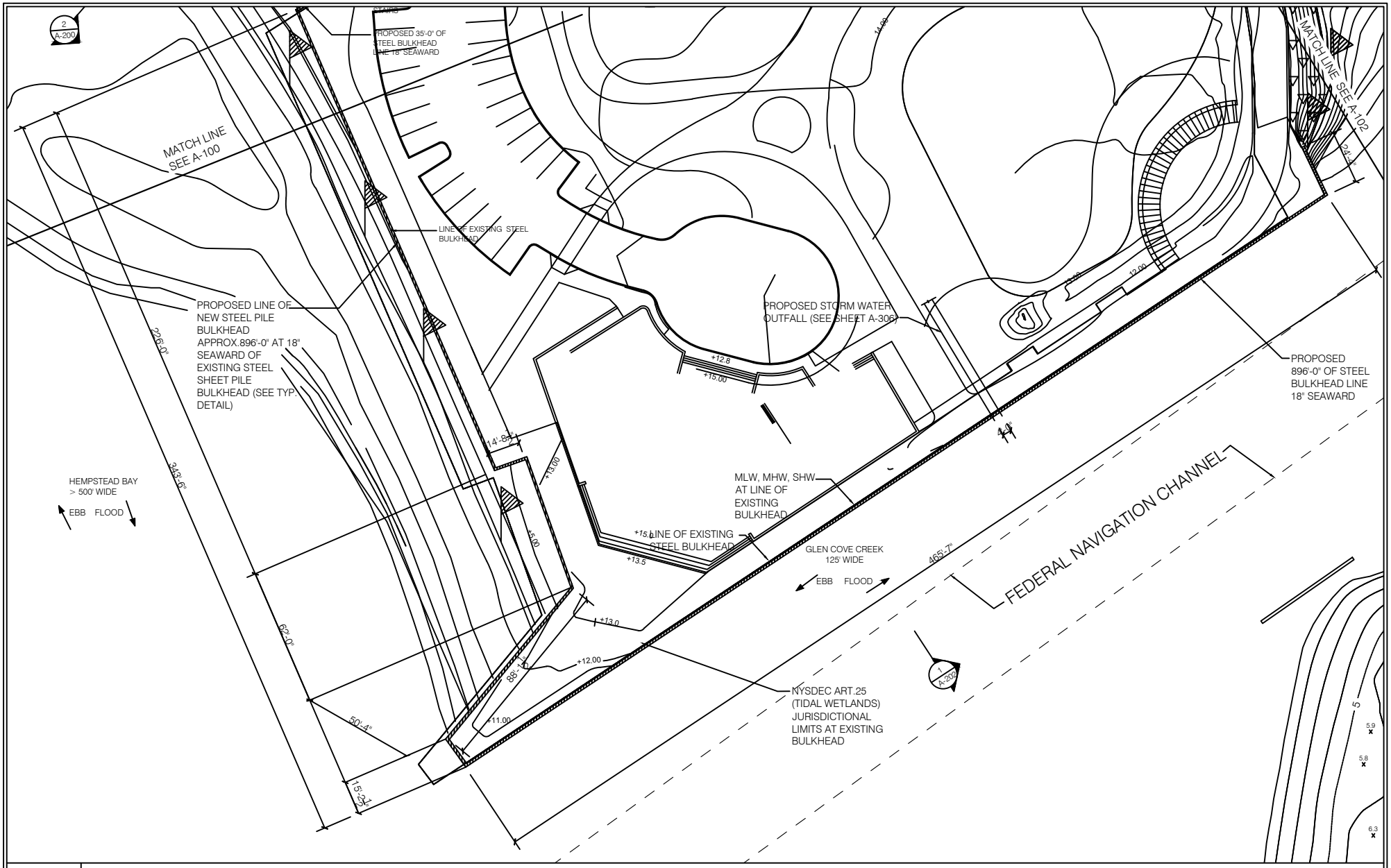
CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

A-100

SHEET 7 OF 39



1	GARVIES POINT BEACH PLAN
	1" = 60'

AAE
ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

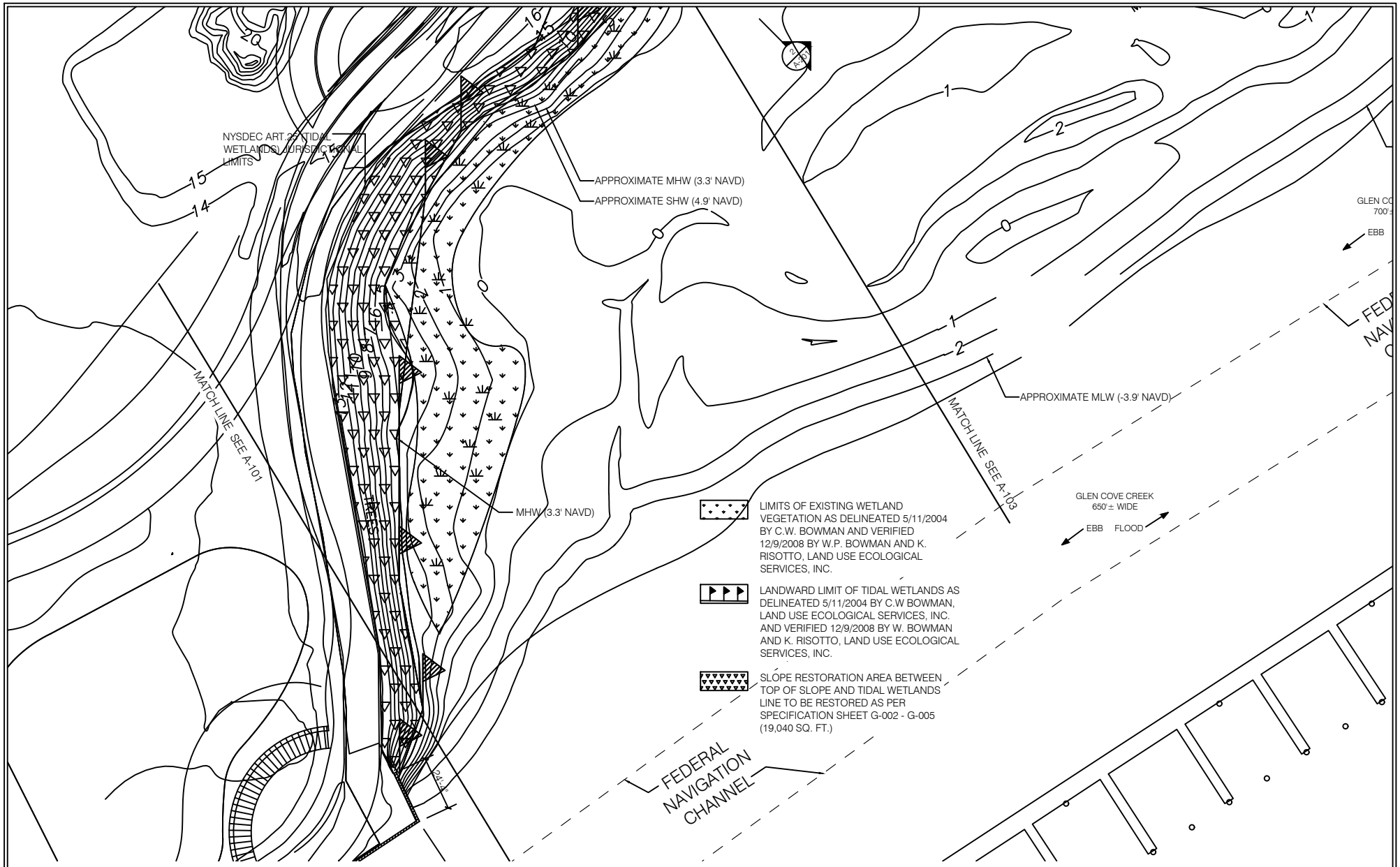
CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

A-101

SHEET 8 OF 39



1	CAPTAIN'S COVE PLAN
	1" = 60'

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

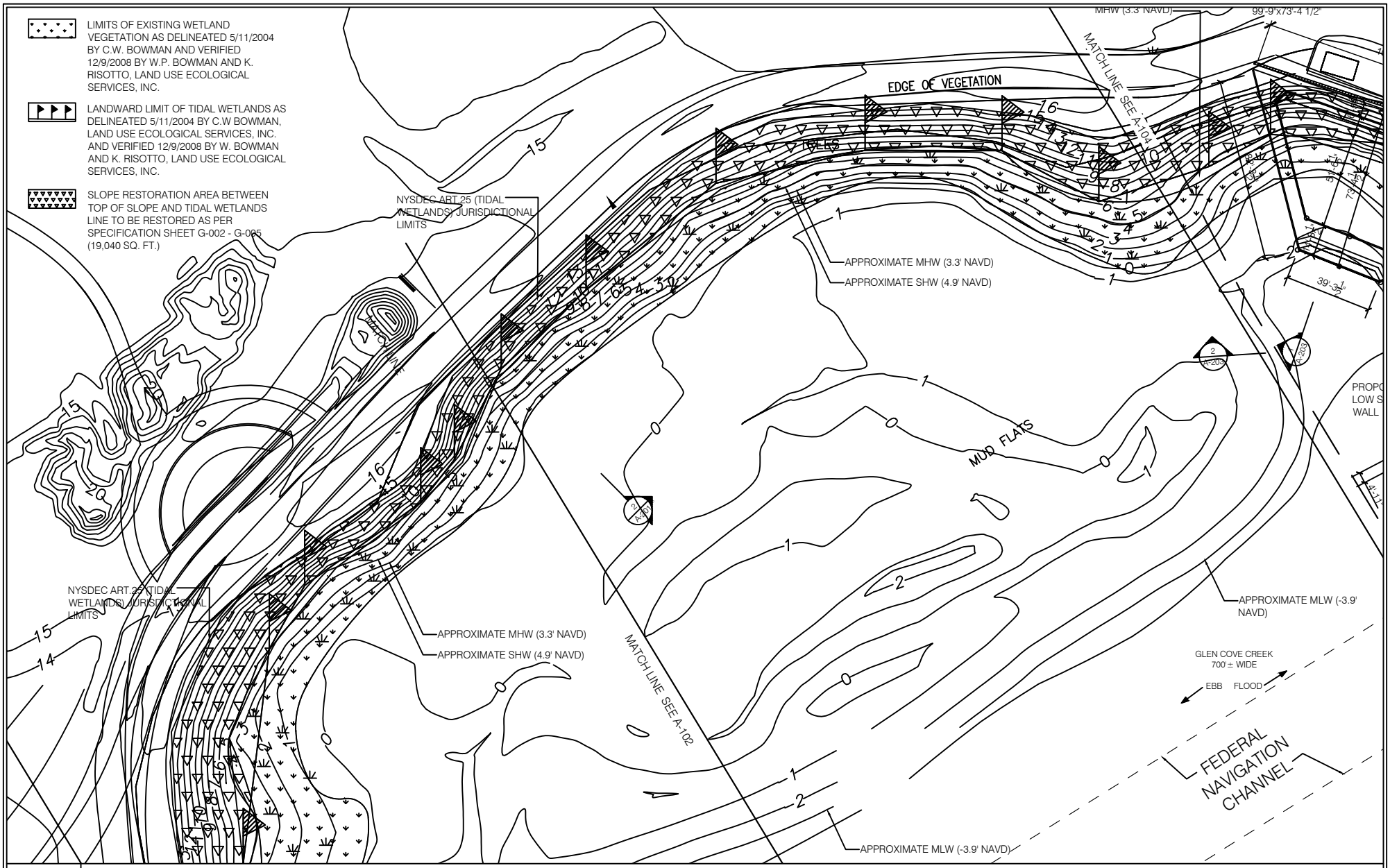
SHEET NUMBER

A-102

LIMITS OF EXISTING WETLAND VEGETATION AS DELINEATED 5/11/2004 BY C.W. BOWMAN AND VERIFIED 12/9/2008 BY W.P. BOWMAN AND K. RISOTTO, LAND USE ECOLOGICAL SERVICES, INC.

LANDWARD LIMIT OF TIDAL WETLANDS AS DELINEATED 5/11/2004 BY C.W BOWMAN, LAND USE ECOLOGICAL SERVICES, INC. AND VERIFIED 12/9/2008 BY W. BOWMAN AND K. RISOTTO, LAND USE ECOLOGICAL SERVICES, INC.

SLOPE RESTORATION AREA BETWEEN TOP OF SLOPE AND TIDAL WETLANDS LINE TO BE RESTORED AS PER SPECIFICATION SHEET G-002 - G-005 (19,040 SQ. FT.)



1	CAPTAIN'S COVE PLAN
	1" = 60'-0"

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

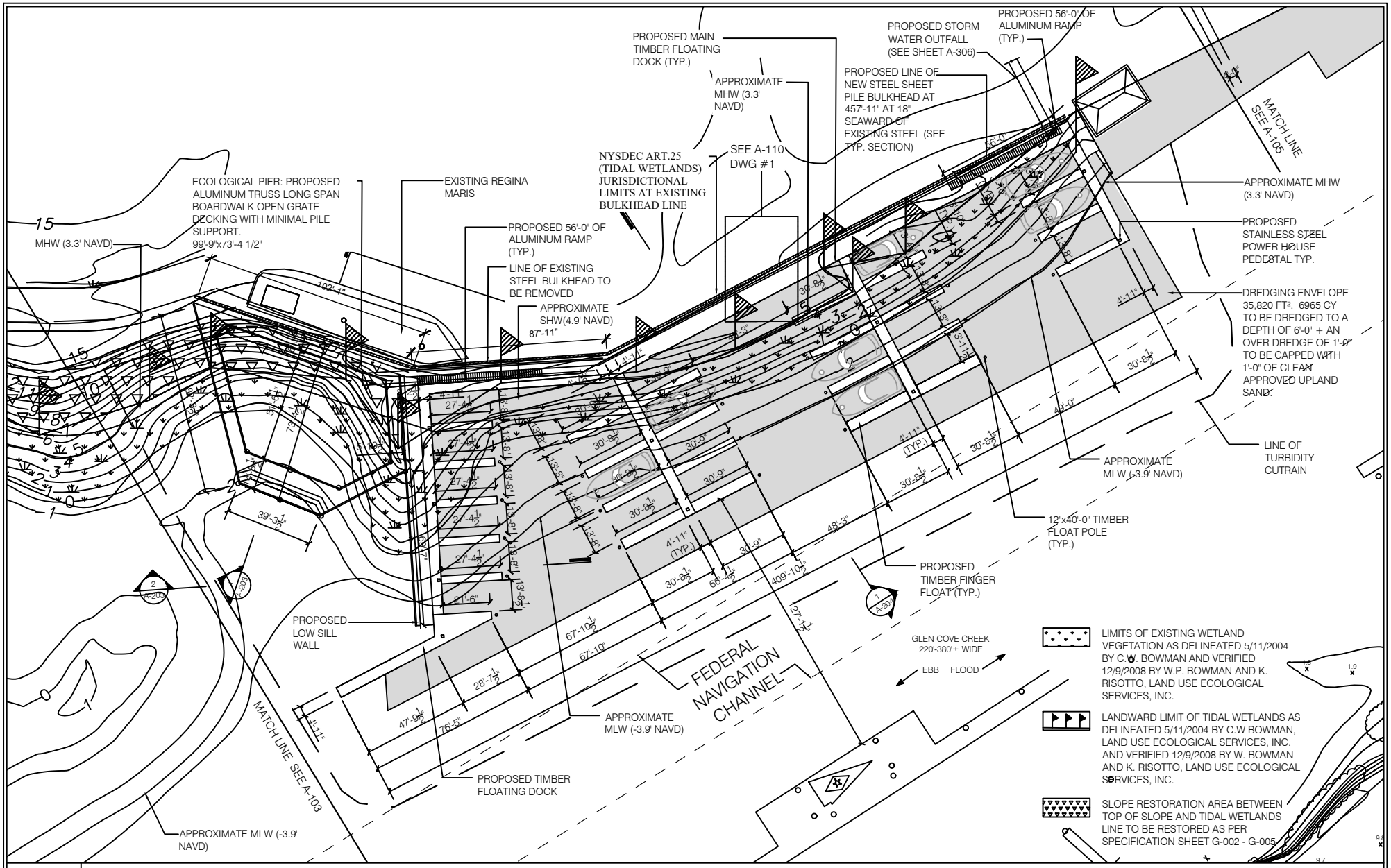
CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

A-103

SHEET 10 OF 39



1	ECOLOGICAL PIER AND SMALL VESSEL MARINA PLAN
	1" = 60'

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

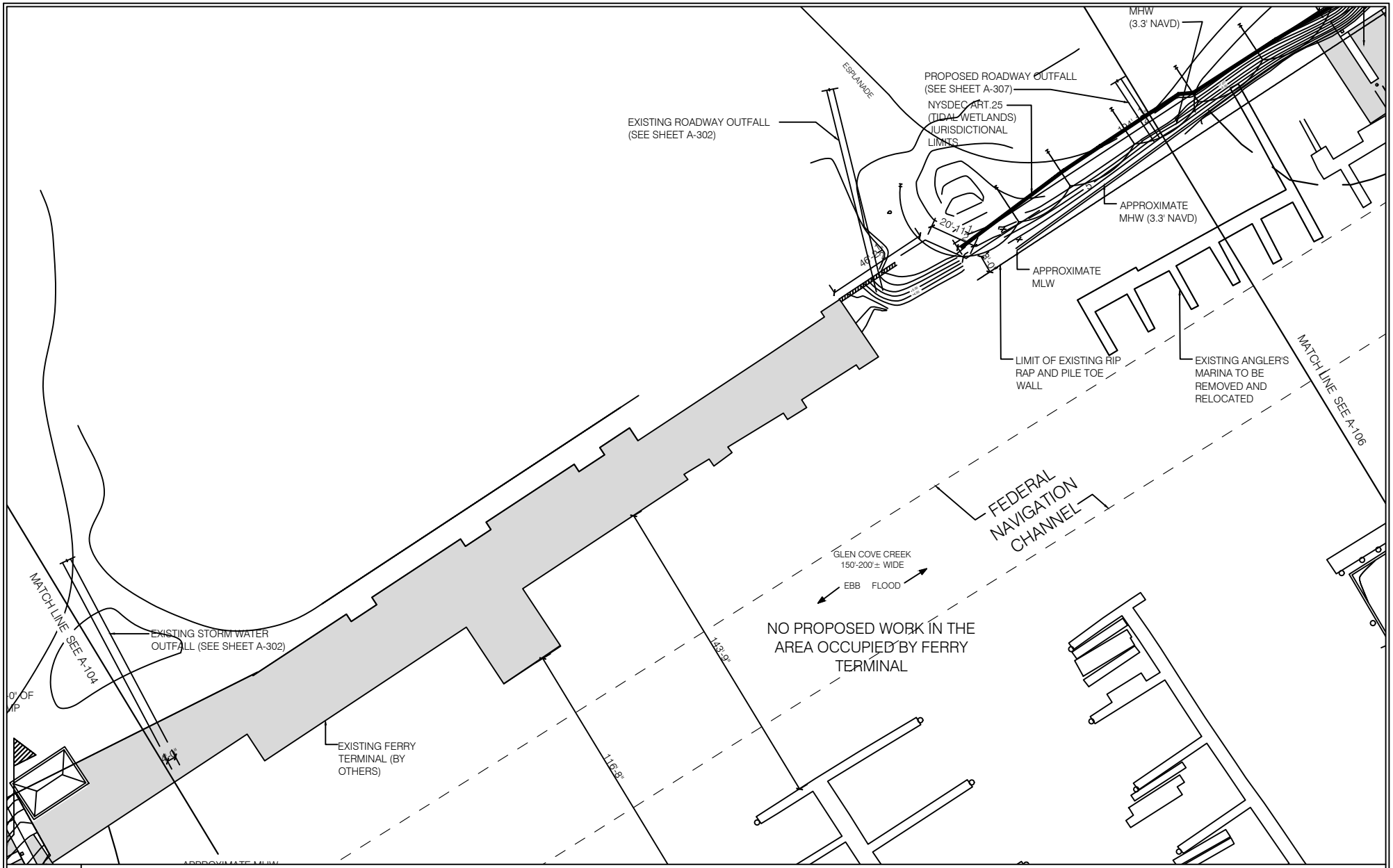
CITY OF GLEN COVE

NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

A-104



1	FERRY TERMINAL
	1" = 60'-0"

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

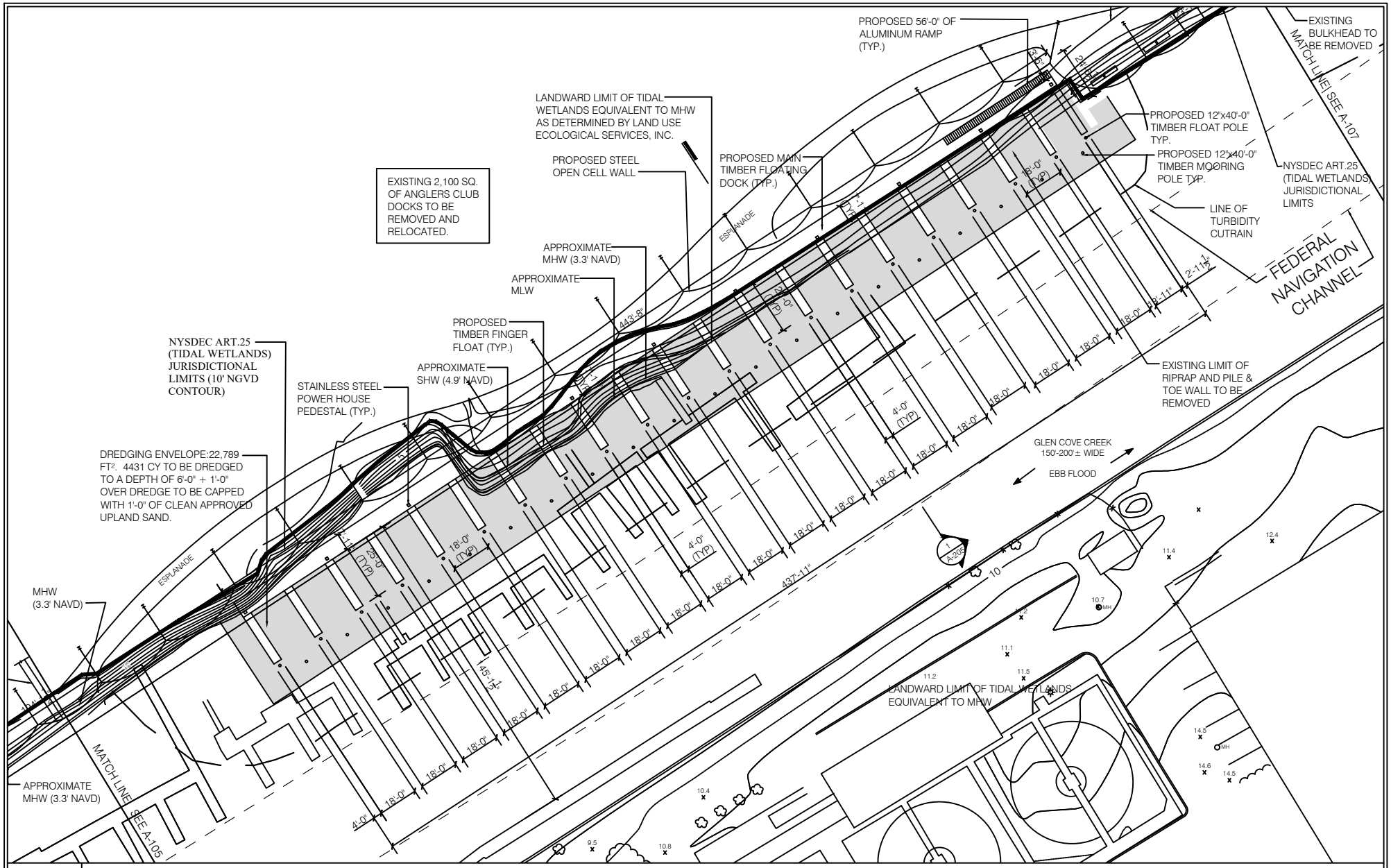
RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

A-105



1	ANGLER'S CLUB MARINA PLAN
	1" = 60'

AAE
ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

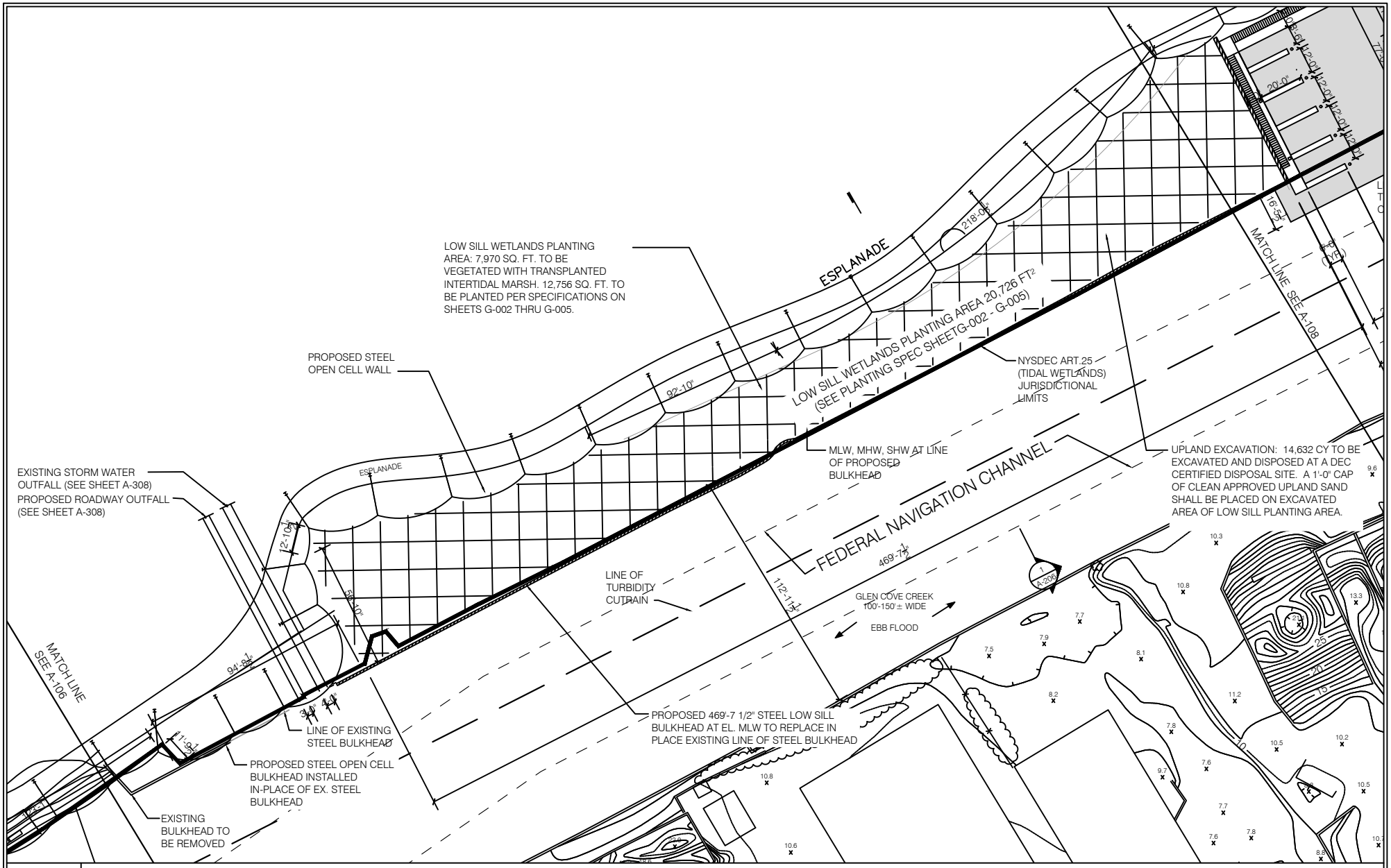
CITY OF GLEN COVE

NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

A-106



1	LOW SILL BULKHEAD PLAN
	1" = 60'

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

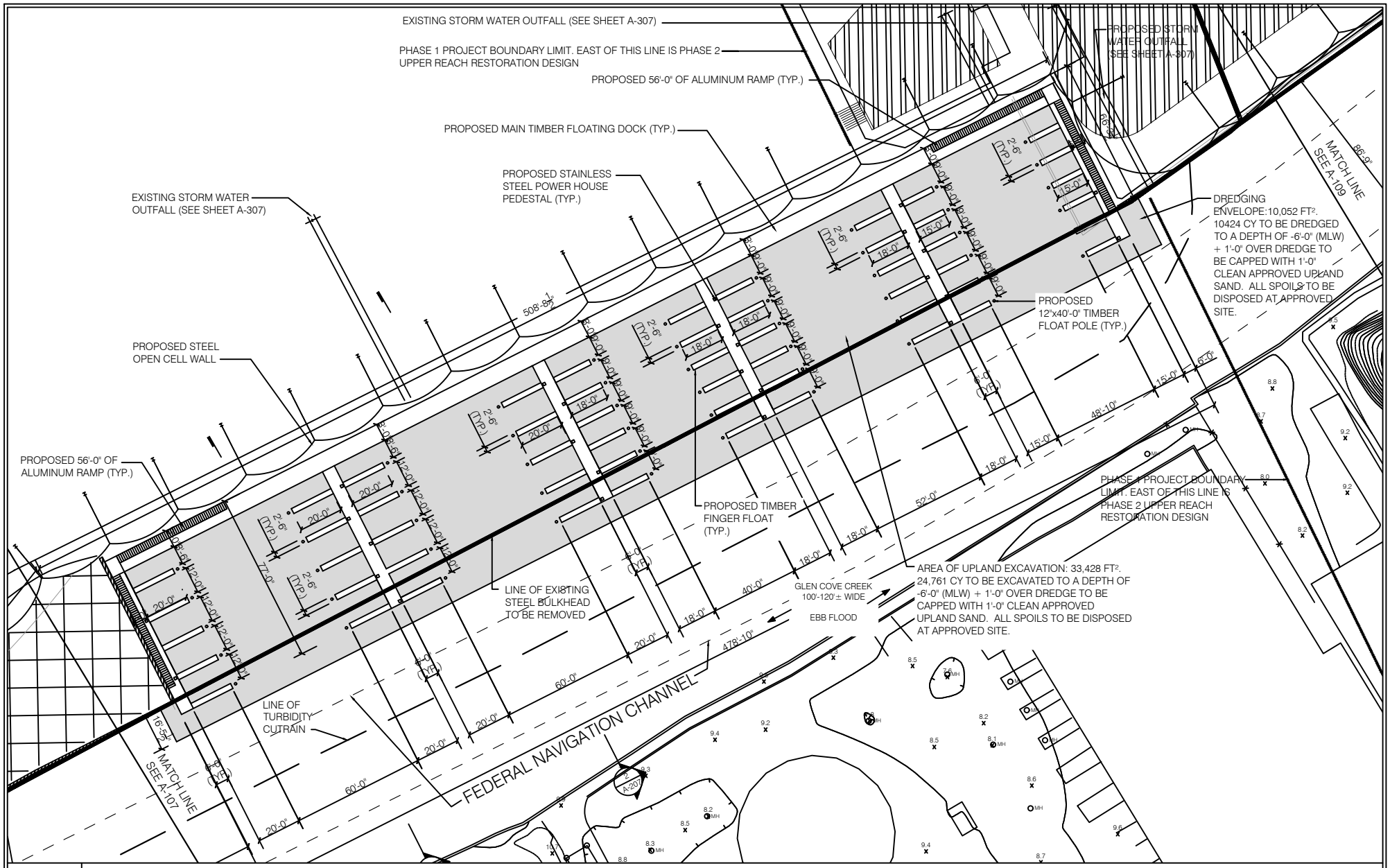
CITY OF GLEN COVE

NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

A-107



1	TRANSIENT MARINA PLAN
	1" = 60'

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

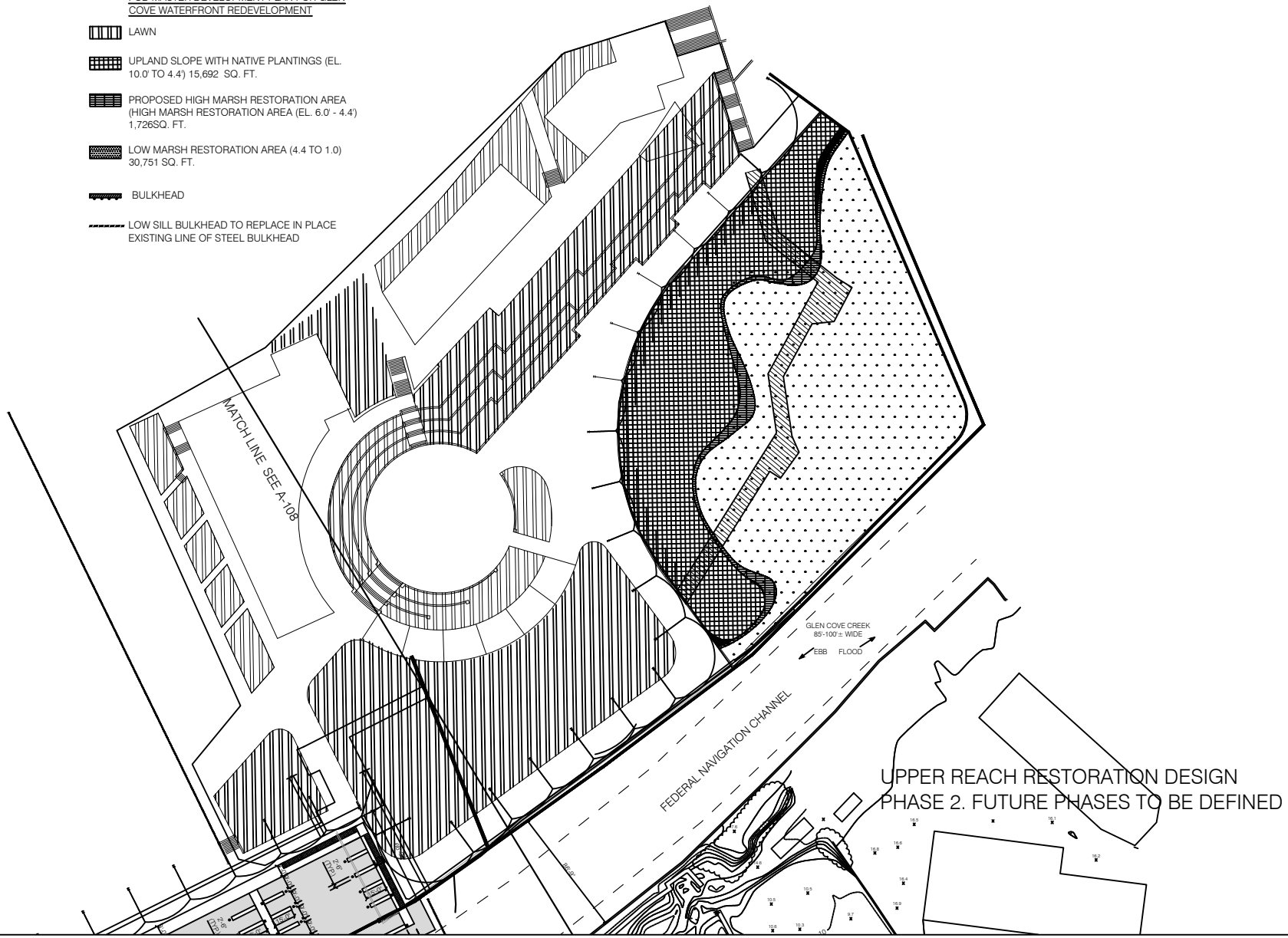
DATE: 1/14/2016

SHEET NUMBER

A-108

PUD MASTER DEVELOPMENT PLAN FOR GLEN COVE WATERFRONT REDEVELOPMENT

- LAWN
- UPLAND SLOPE WITH NATIVE PLANTINGS (EL. 10.0' TO 4.4') 15,692 SQ. FT.
- PROPOSED HIGH MARSH RESTORATION AREA (HIGH MARSH RESTORATION AREA (EL. 6.0' - 4.4') 1,726SQ. FT.
- LOW MARSH RESTORATION AREA (4.4 TO 1.0) 30,751 SQ. FT.
- BULKHEAD
- LOW SILL BULKHEAD TO REPLACE IN PLACE EXISTING LINE OF STEEL BULKHEAD



1	TIDAL WEIR AND TURNING BASIN
	1" = 100'

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

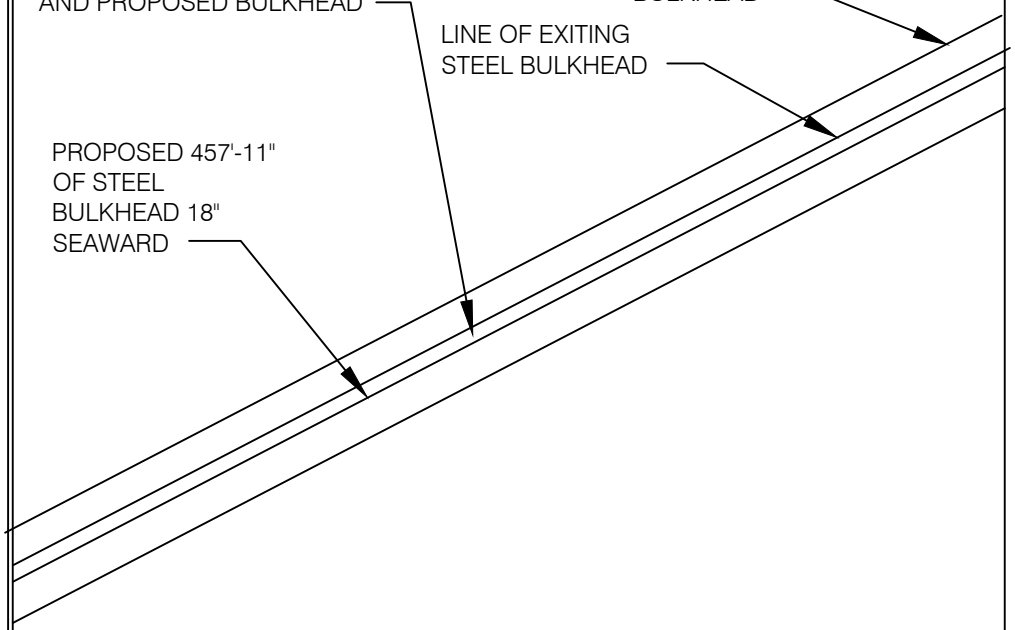
CITY OF GLEN COVE

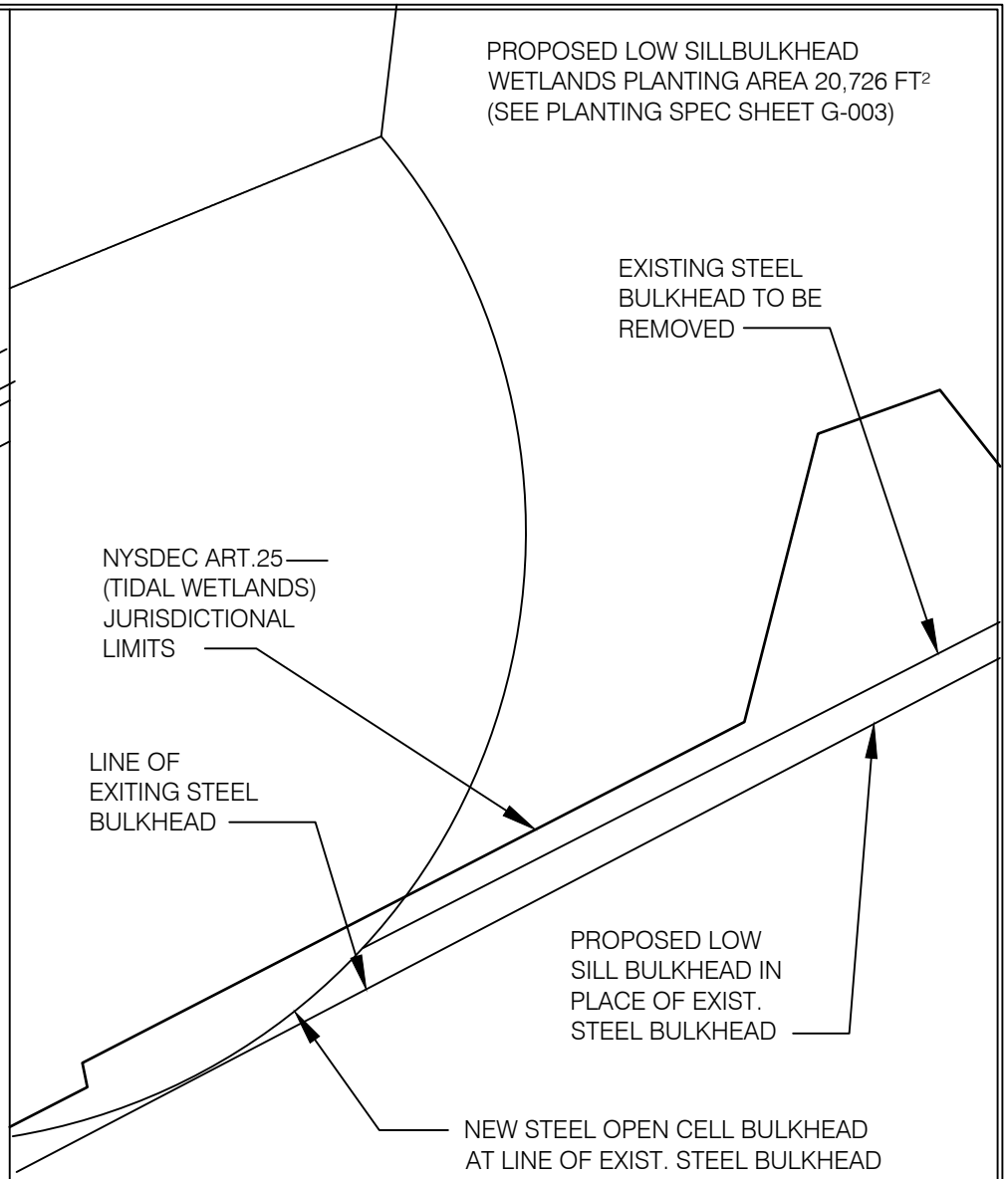
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

A-109





1	SMALL VESSEL MARINA BULKHEAD PLACEMENT	2	BULKHEAD PLACEMENT AT LOW SILL BULKHEAD
	N.T.S.		N.T.S.

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

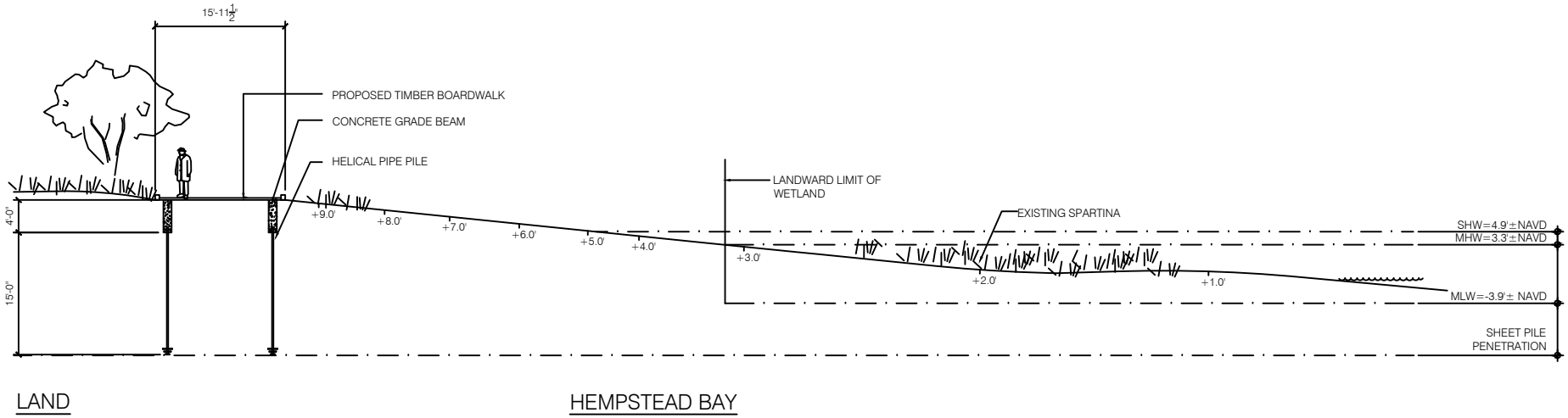
RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

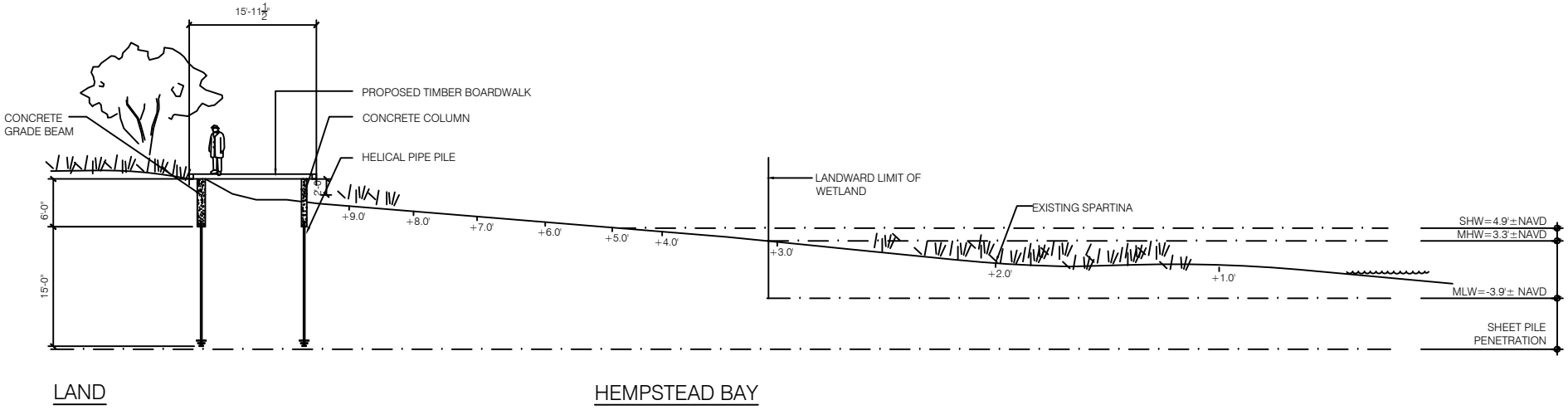
DATE: 1/14/2016

SHEET NUMBER

A-110



1	GARVIES POINT BEACH ELEVATED BOARDWALK SECTION
	1" = 20'-0"



2	GARVIES POINT BEACH BOARDWALK SECTION
	1" = 20'-0"

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

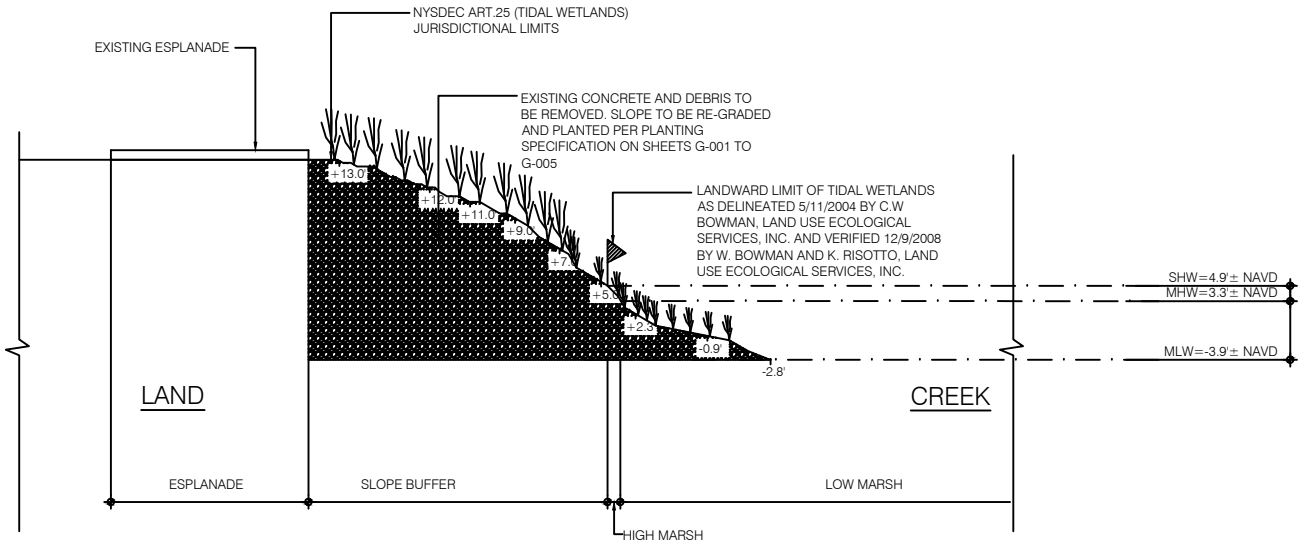
RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

A-200



2	CAPTAIN'S COVE SECTION
	1" = 20'-0"

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

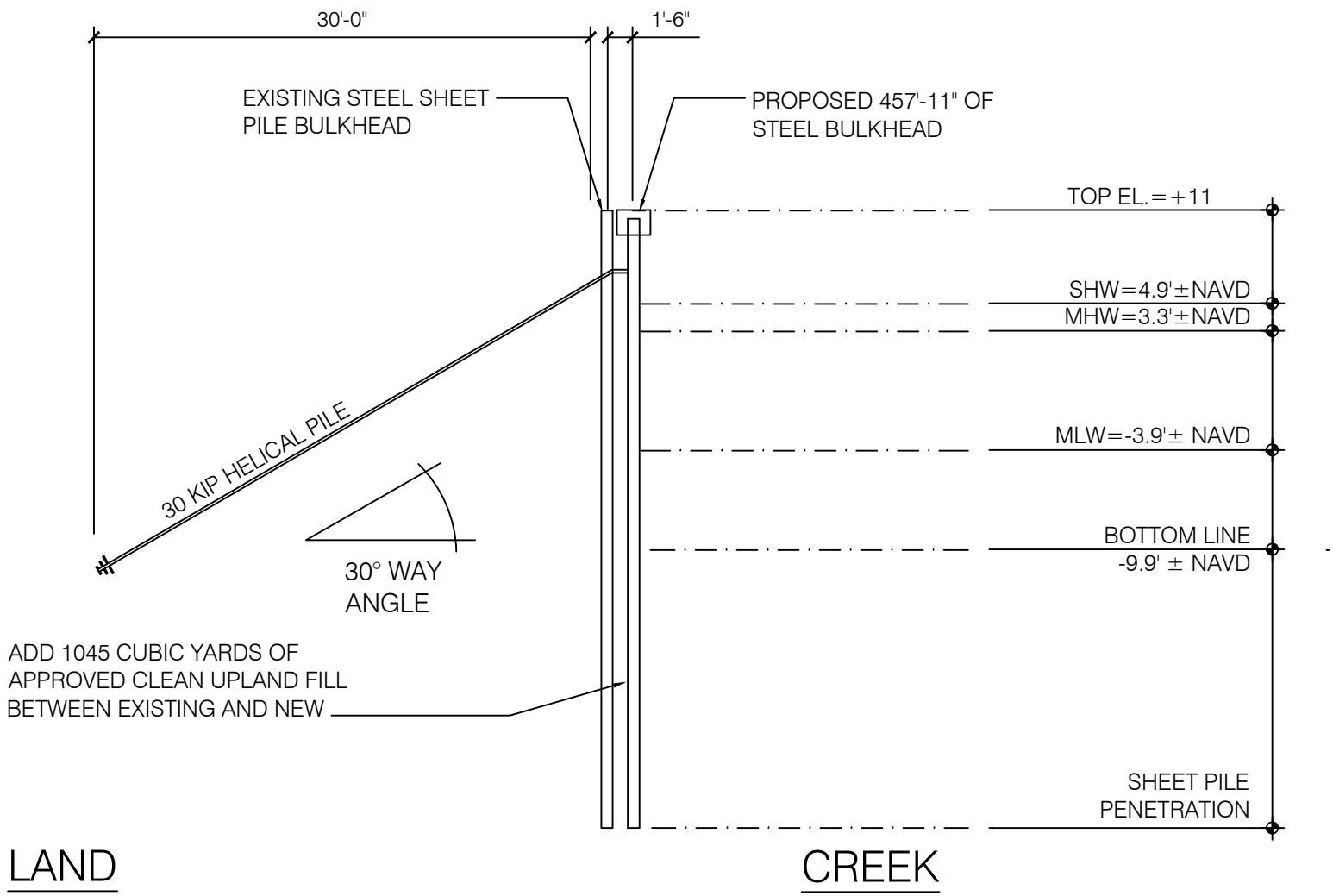
RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

A-201



REFER TO SHEET A-104 FOR PLAN VIEW OF PROPOSED STEEL BULKHEAD TO BE INSTALLED 18" SEAWARD OF EXISTING BULKHEAD

1	GARVIES POINT BULKHEAD SECTION
	1" = 10'-0"

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

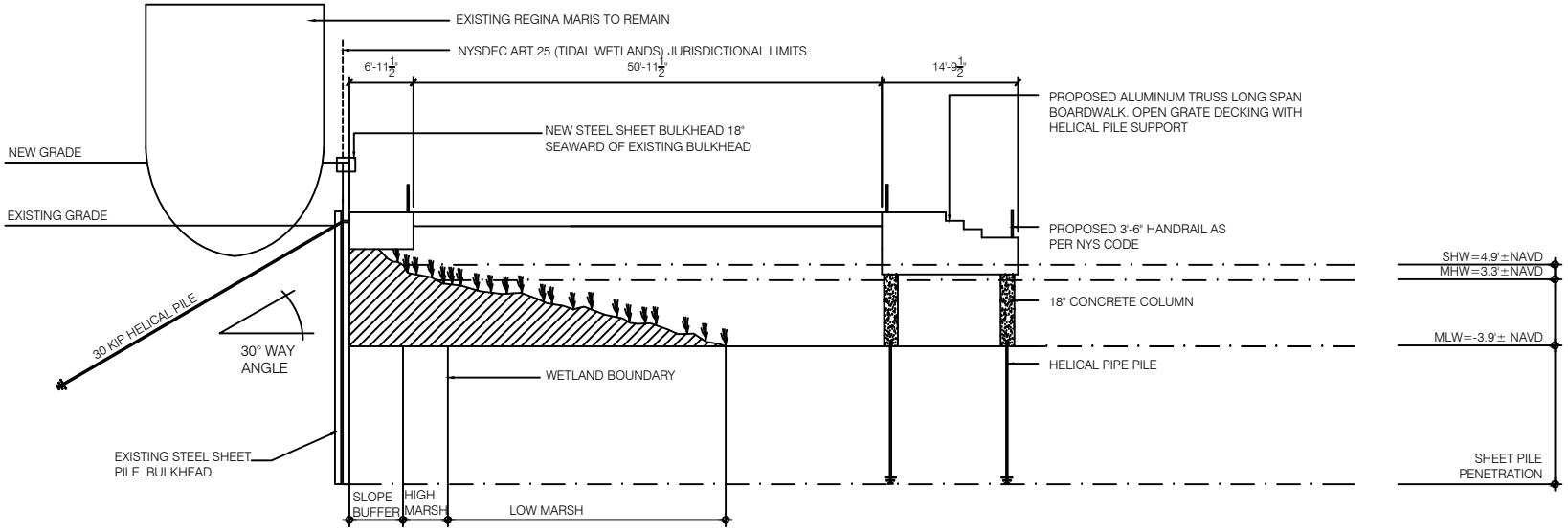
RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

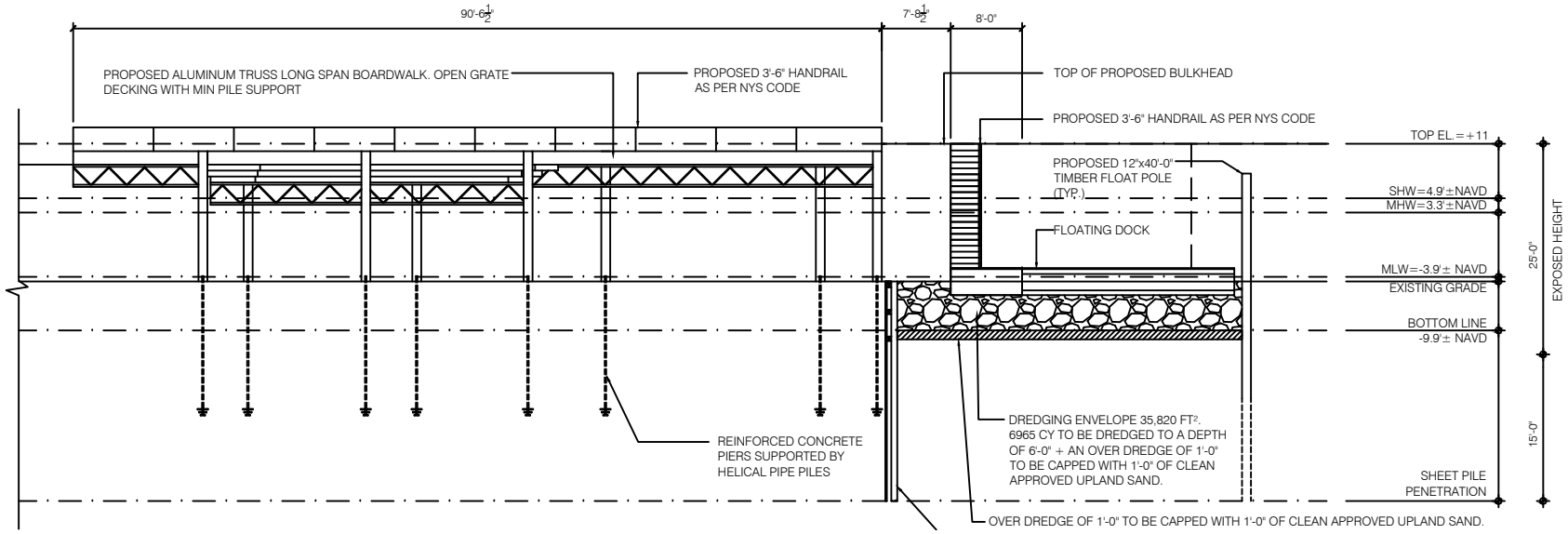
SHEET NUMBER

A-202



1 ECOLOGICAL PIER AND SMALL VESSEL MARINA SECTION

1" = 20'-0"



2 ECOLOGICAL PIER AND SMALL VESSEL MARINA SECTION

1" = 20'-0"

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

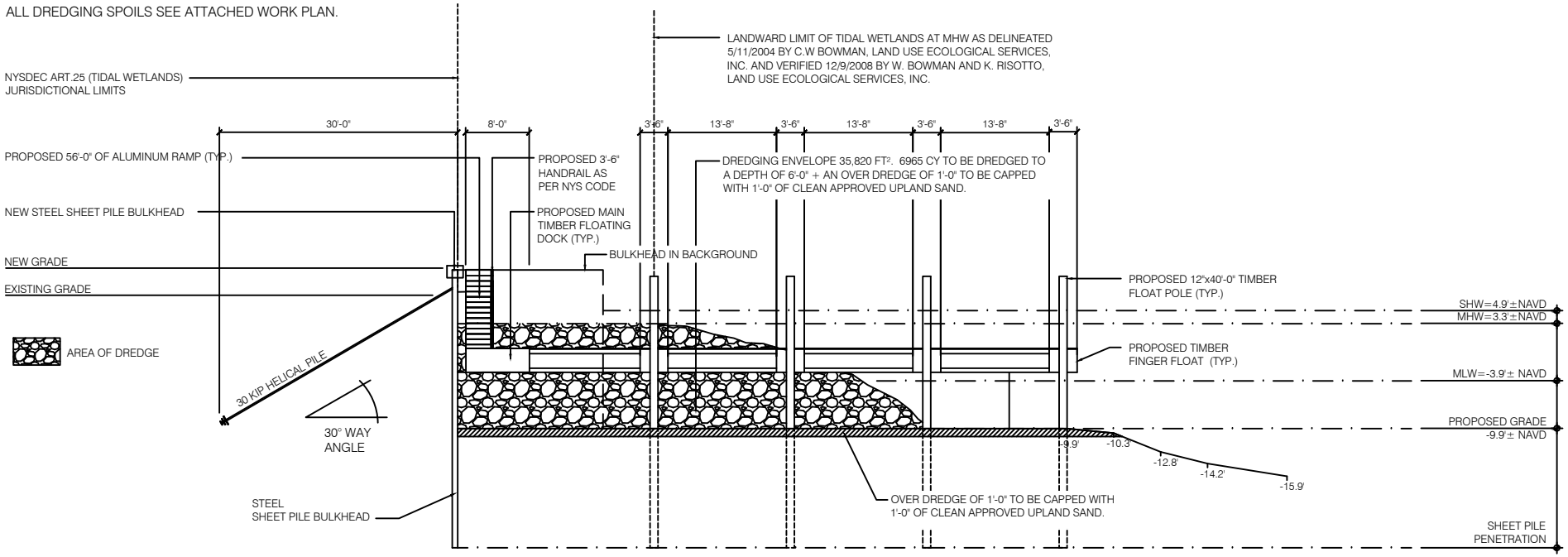
DATE: 1/14/2016

SHEET NUMBER

A-203

NOTES:

1. DREDGE AREAS TO HAVE A MAXIMUM SIDE SLOPE OF 1:5.
2. EXCEPT IN CAPTAIN'S COVE, LANDWARD LIMIT OF TIDAL WETLANDS IS EQUIVALENT TO THE LINE OF MEAN HIGH WATER (MWH) AS DELINEATED 5/11/2004 BY C.W. BOWMAN AND VERIFIED 12/9/2008 BY W.P. BOWMAN AND K. RISOTTO, LAND USE ECOLOGICAL SERVIES, INC. IN CAPTAIN'S COVE, LANDWARD LIMIT OF TIDAL WETLANDS IS EQUIVALENT TO THE LIMIT OF EXISTING VEGETATED INTERTIDAL/HIGH MARSH AS DELINEATED 5/11/2004 BY C.W. BOWMAN AND VERIFIED 12/9/2008 BY C.P. BOWMAN AND K. RISOTTO, LAND USE ECOLOGICAL SERVICES, INC.
3. VERTICAL DATUM IS NAVD88. HORIZONTAL DATUM IS NAD83.
4. SEE KEY PLAN FOR DREDGING SPOILS, STAGING AND DEWATERING AREAS.
5. ALL CAPPING AND FILL SHALL BE CLEAN UPLAND SAND APPROVED MATERIALS.
6. TURBIDITY CURTAIN TYPE II 45 MILES THICK 18 OZ WEIGHT SHALL COMPLETELY ENCAPSULATED EACH AREA OF WORK PHASE ALLOWING FOR VESSEL TRAFFIC. EACH END WILL BE SECURED TO A POINT LANDWARD AND WILL ALLOW FOR A 20% GREATER LENGTH AND HEIGHT FOR CURRENT TIDE RISE. FLOTATION BOOM SHALL BE COLORED IN INTERNATIONAL ORANGE OR BRIGHT YELLOW. LEAD WEIGHT SHALL ANCHOR CURTAIN TO BOTTOM.
7. DREDGING PERFORMED WITH A LONG REACH EXCAVATOR FROM LANDSIDE WITH A ½ YARD BUCKET. REMAINING AREAS SHALL BE DREDGED WITH A BOOM CRANE AND 2 YARD BUCKET.
8. AAE SHALL BE RESPONSIBLE FOR ALL ECR INSPECTIONS TO MANAGE PROPER PERFORMANCE.
9. ALL DREDGING SPOILS SEE ATTACHED WORK PLAN.



ECOLOGICAL PIER AND SMALL VESSEL MARINA SECTION

1	ECOLOGICAL PIER AND SMALL VESSEL MARINA SECTION
	1" = 20'-0"

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

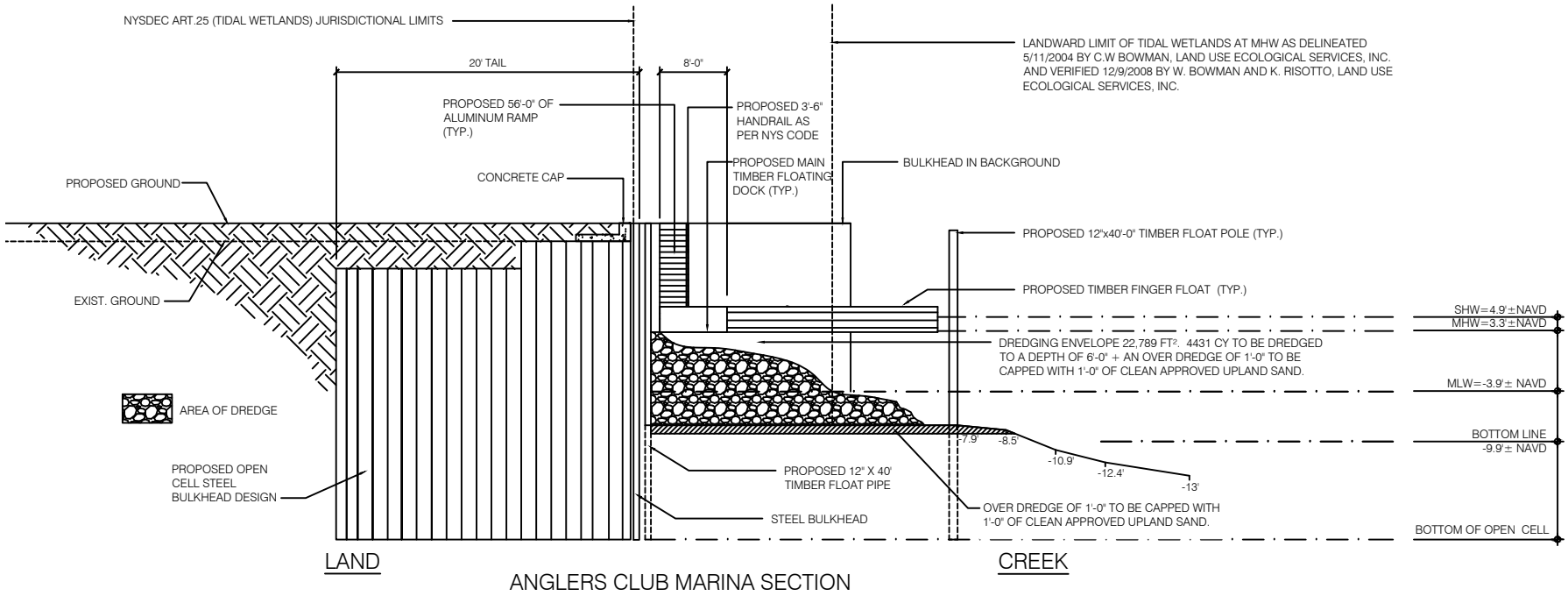
DATE: 1/14/2016

SHEET NUMBER

A-204

NOTES:

1. DREDGE AREAS TO HAVE A MAXIMUM SIDE SLOPE OF 1:5.
2. EXCEPT IN CAPTAIN'S COVE, LANDWARD LIMIT OF TIDAL WETLANDS IS EQUIVALENT TO THE LINE OF MEAN HIGH WATER (MWH) AS DELINEATED 5/11/2004 BY C.W. BOWMAN AND VERIFIED 12/9/2008 BY W.P. BOWMAN AND K. RISOTTO, LAND USE ECOLOGICAL SERVIES, INC. IN CAPTAIN'S COVE, LANDWARD LIMIT OF TIDAL WETLANDS IS EQUIVALENT TO THE LIMIT OF EXISTING VEGETATED INTERTIDAL/HIGH MARSH AS DELINEATED 5/11/2004 BY C.W. BOWMAN AND VERIFIED 12/9/2008 BY C.P. BOWMAN AND K. RISOTTO, LAND USE ECOLOGICAL SERVICES, INC.
3. VERTICAL DATUM IS NAVD88. HORIZONTAL DATUM IS NAD83.
4. SEE KEY PLAN FOR DREDGING SPOILS, STAGING AND DEWATERING AREAS.
5. ALL CAPPING AND FILL SHALL BE CLEAN UPLAND SAND APPROVED MATERIALS.
6. TURBIDITY CURTAIN TYPE II 45 MILES THICK 18 OZ WEIGHT SHALL COMPLETELY ENCAPSULATED EACH AREA OF WORK PHASE ALLOWING FOR VESSEL TRAFFIC. EACH END WILL BE SECURED TO A POINT LANDWARD AND WILL ALLOW FOR A 20% GREATER LENGTH AND HEIGHT FOR CURRENT TIDE RISE. FLOTATION BOOM SHALL BE COLORED IN INTERNATIONAL ORANGE OR BRIGHT YELLOW. LEAD WEIGHT SHALL ANCHOR CURTAIN TO BOTTOM.
7. DREDGING PERFORMED WITH A LONG REACH EXCAVATOR FROM LANDSIDE WITH A ½ YARD BUCKET. REMAINING AREAS SHALL BE DREDGED WITH A BOOM CRANE AND 2 YARD BUCKET.
8. AAE SHALL BE RESPONSIBLE FOR ALL ECR INSPECTIONS TO MANAGE PROPER PERFORMANCE.
9. ALL DREDGING SPOILS SEE ATTACHED WORK PLAN.



ANGLERS CLUB MARINA SECTION

1	ANGLER'S CLUB MARINA SECTION
	1" = 20"-0"

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

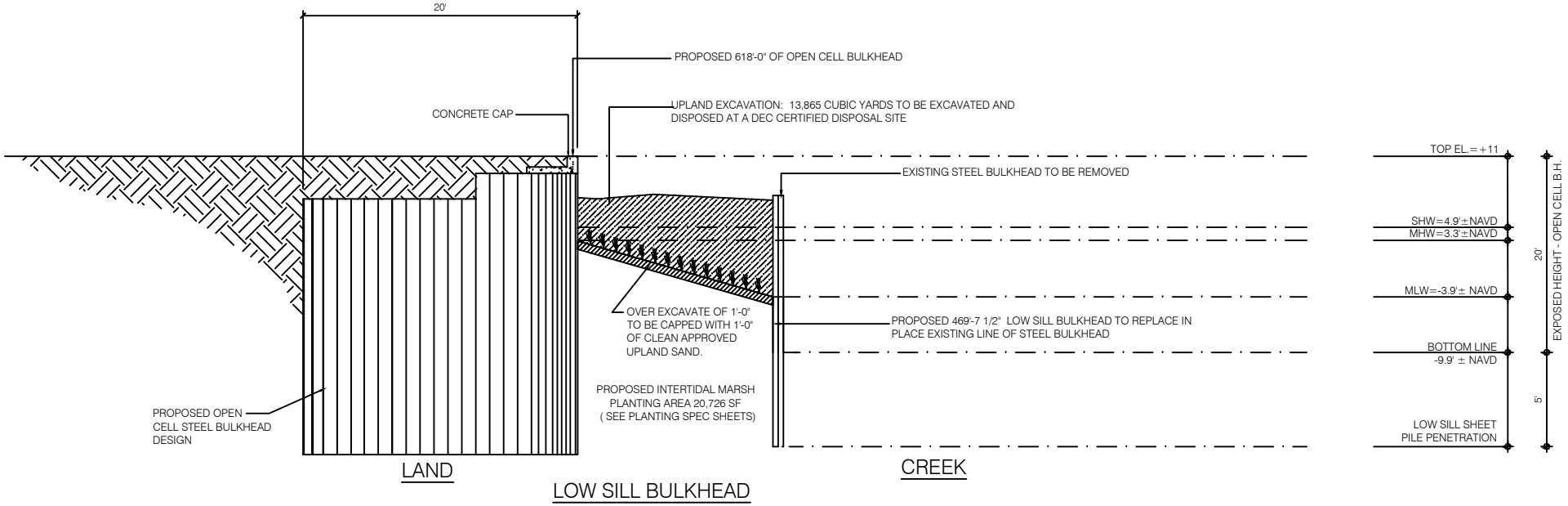
DATE: 1/14/2016

SHEET NUMBER

A-205

NOTES:

1. DREDGE AREAS TO HAVE A MAXIMUM SIDE SLOPE OF 1:5.
2. EXCEPT IN CAPTAIN'S COVE, LANDWARD LIMIT OF TIDAL WETLANDS IS EQUIVALENT TO THE LINE OF MEAN HIGH WATER (MWH) AS DELINEATED 5/11/2004 BY C.W. BOWMAN AND VERIFIED 12/9/2008 BY W.P. BOWMAN AND K. RISOTTO, LAND USE ECOLOGICAL SERVIES, INC. IN CAPTAIN'S COVE, LANDWARD LIMIT OF TIDAL WETLANDS IS EQUIVALENT TO THE LIMIT OF EXISTING VEGETATED INTERTIDAL/HIGH MARSH AS DELINEATED 5/11/2004 BY C.W. BOWMAN AND VERIFIED 12/9/2008 BY C.P. BOWMAN AND K. RISOTTO, LAND USE ECOLOGICAL SERVICES, INC.
3. VERTICAL DATUM IS NAVD88. HORIZONTAL DATUM IS NAD83.
4. SEE KEY PLAN FOR DREDGING SPOILS, STAGING AND DEWATERING AREAS.
5. ALL CAPPING AND FILL SHALL BE CLEAN UPLAND SAND APPROVED MATERIALS.
6. TURBIDITY CURTAIN TYPE II 45 MILES THICK 18 OZ WEIGHT SHALL COMPLETELY ENCAPSULATED EACH AREA OF WORK PHASE ALLOWING FOR VESSEL TRAFFIC. EACH END WILL BE SECURED TO A POINT LANDWARD AND WILL ALLOW FOR A 20% GREATER LENGTH AND HEIGHT FOR CURRENT TIDE RISE. FLOTATION BOOM SHALL BE COLORED IN INTERNATIONAL ORANGE OR BRIGHT YELLOW. LEAD WEIGHT SHALL ANCHOR CURTAIN TO BOTTOM.
7. DREDGING PERFORMED WITH A LONG REACH EXCAVATOR FROM LANDSIDE WITH A ½ YARD BUCKET. REMAINING AREAS SHALL BE DREDGED WITH A BOOM CRANE AND 2 YARD BUCKET.
8. AAE SHALL BE RESPONSIBLE FOR ALL ECR INSPECTIONS TO MANAGE PROPER PERFORMANCE.
9. ALL DREDGING SPOILS SEE ATTACHED WORK PLAN.



LOW SILL BULKHEAD

1	LOW SILL BULKHEAD
	1" = 20'-0"

AAE
ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

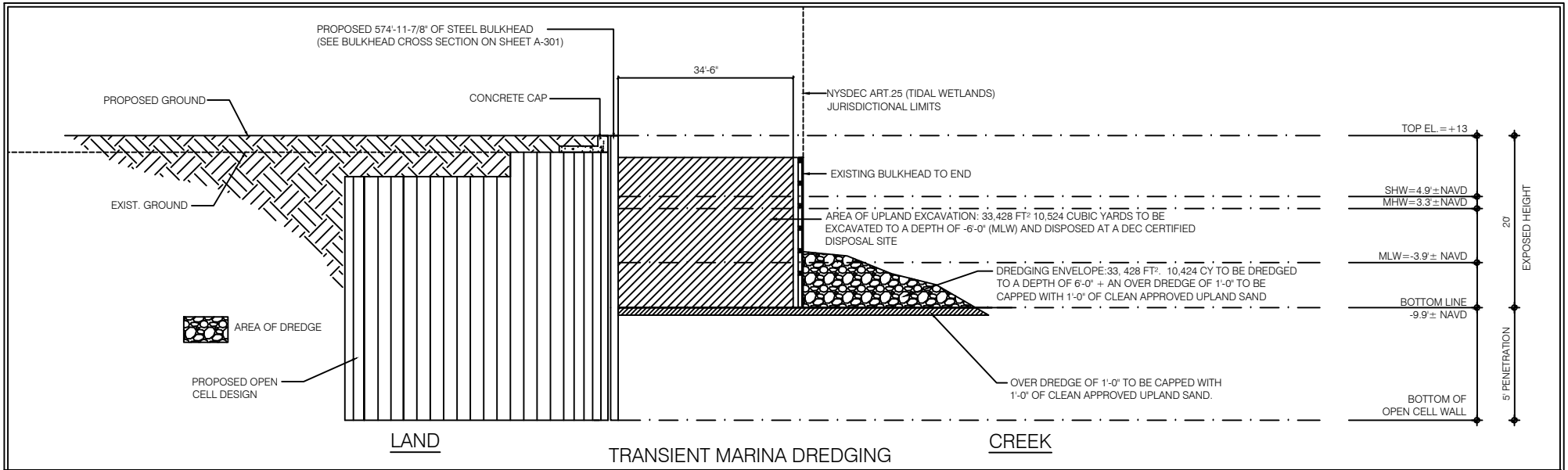
RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

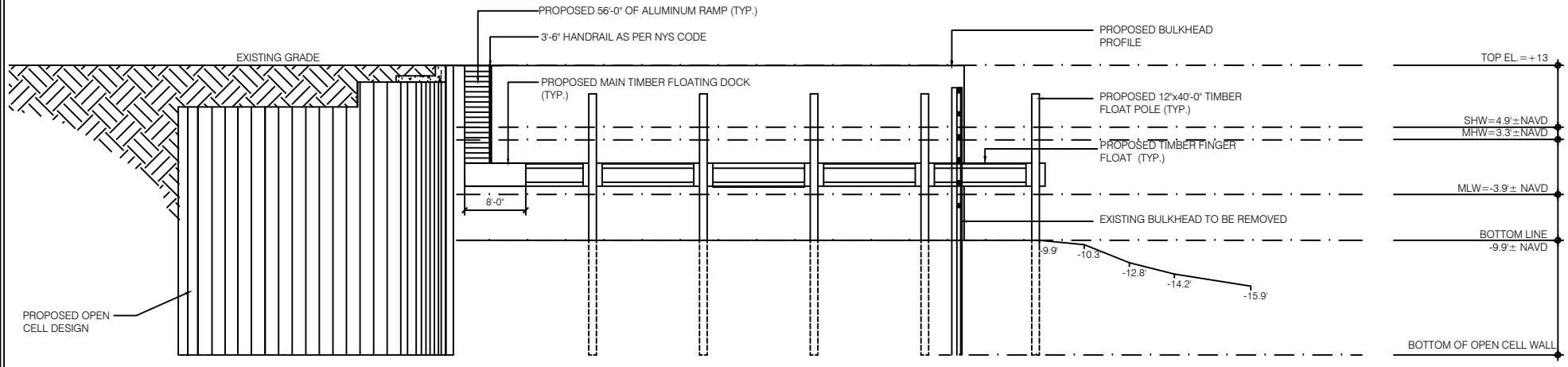
SHEET NUMBER

A-206



TRANSIENT MARINA DREDGING

1	TRANSIENT MARINA DREDGING
	1" = 20"-0"



TRANSIENT MARINA DOCKS

2	TRANSIENT MARINA DOCKS
	1" = 20'-0"

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

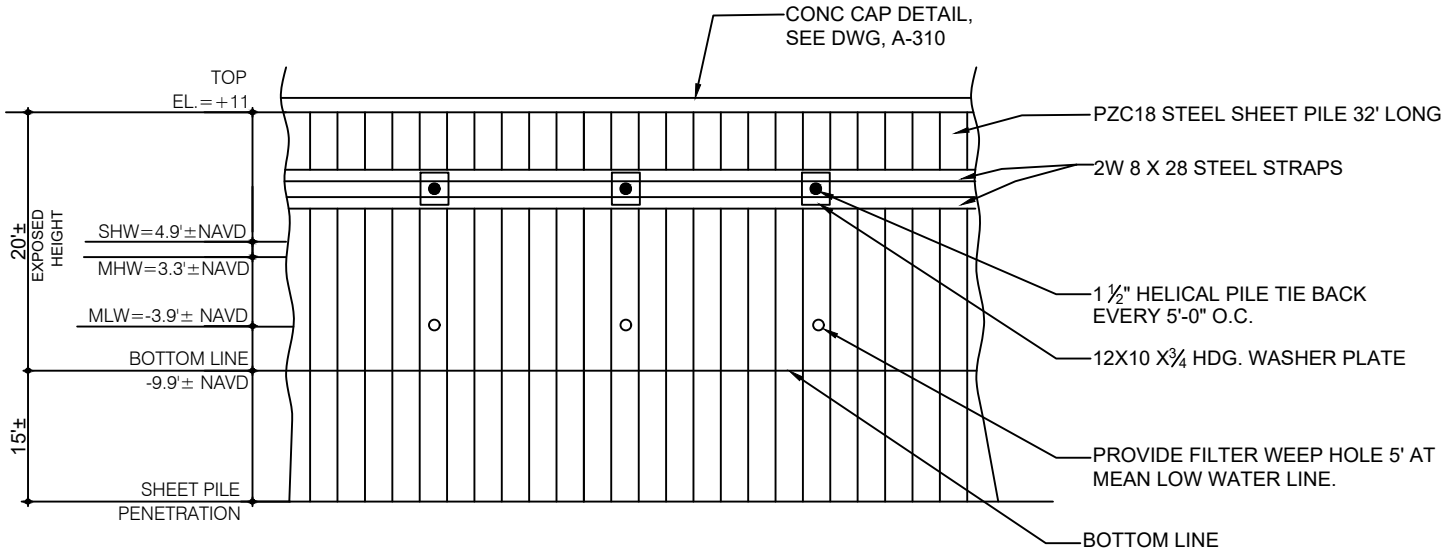
RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

A-207



TYP. ELEVATION FOR STEEL BULKHEAD RECONSTRUCTION WEST OF FERRY

1	STEEL BULKHEAD ELEVATION WITH CONCRETE CAP WEST OF FERRY
	1" = 20'

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

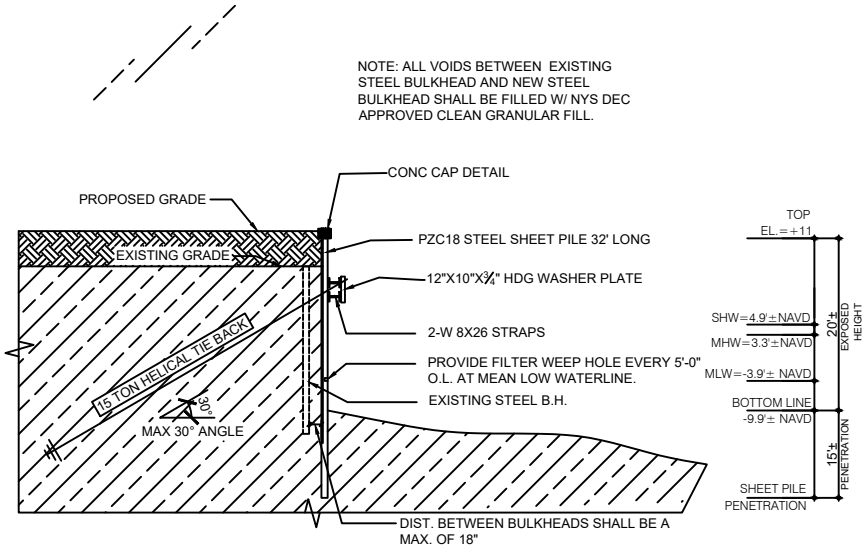
RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

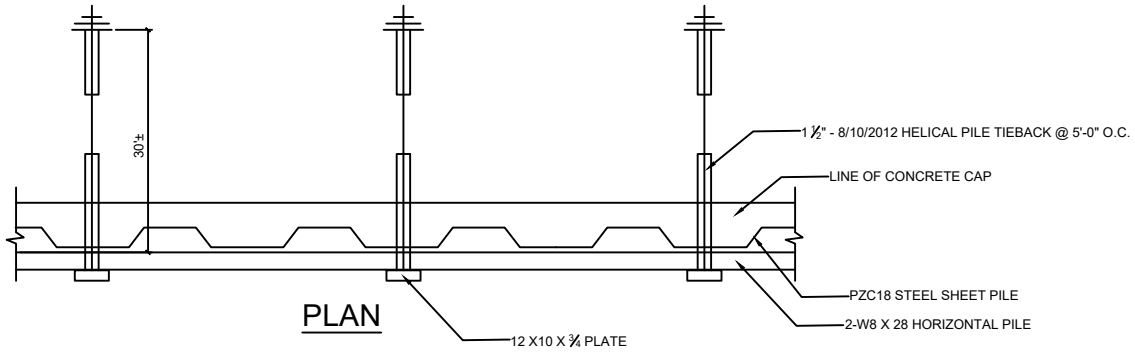
DATE: 1/14/2016

SHEET NUMBER

A-300



TYP. DETAIL



PLAN

1	STEEL BULKHEAD WEST OF FERRY RECONSTRUCTION DETAILS
	1"=30'

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

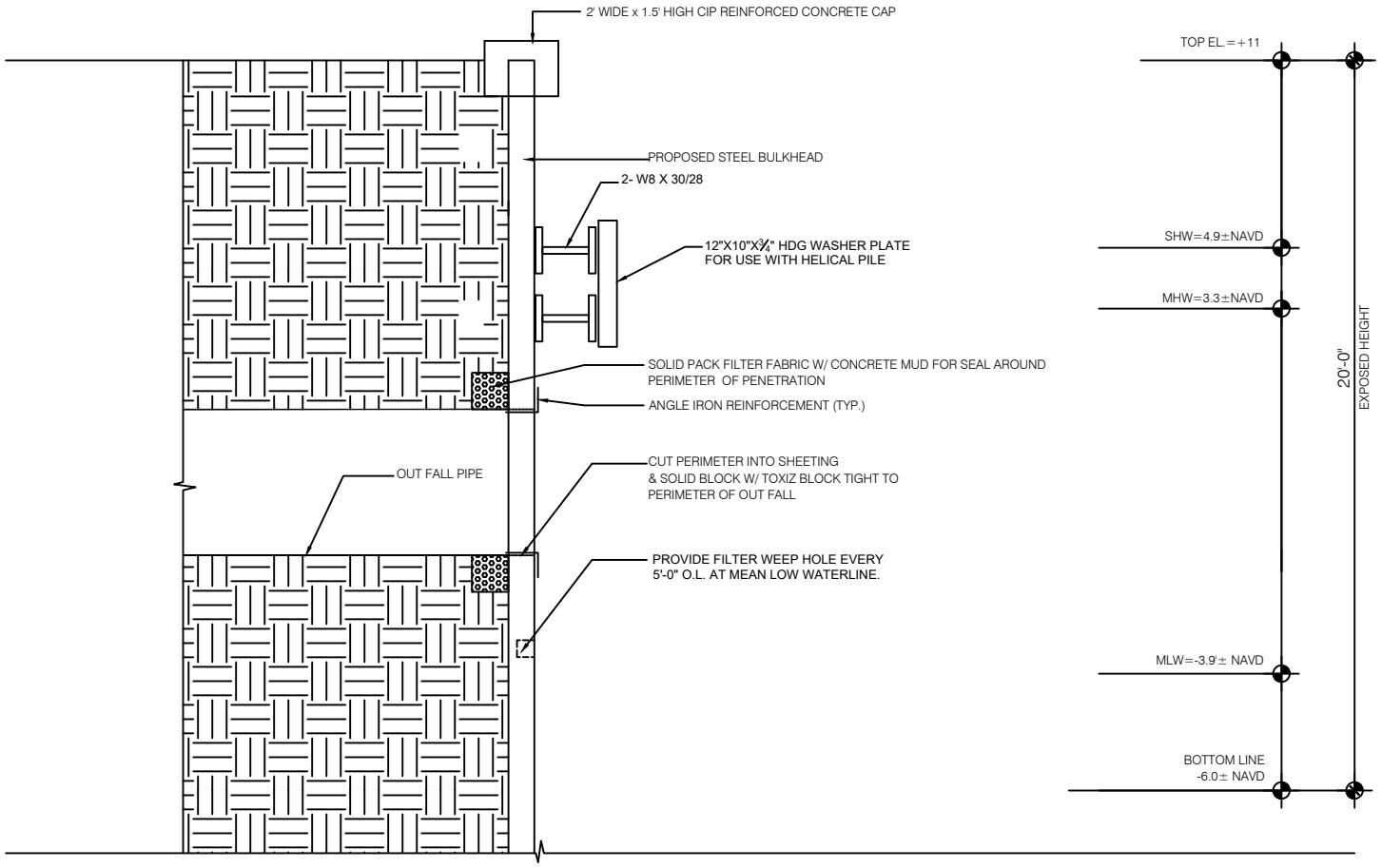
RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

A-301



1	OUTFALL DETAIL - STEEL BULKHEAD
	1" = 5'

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

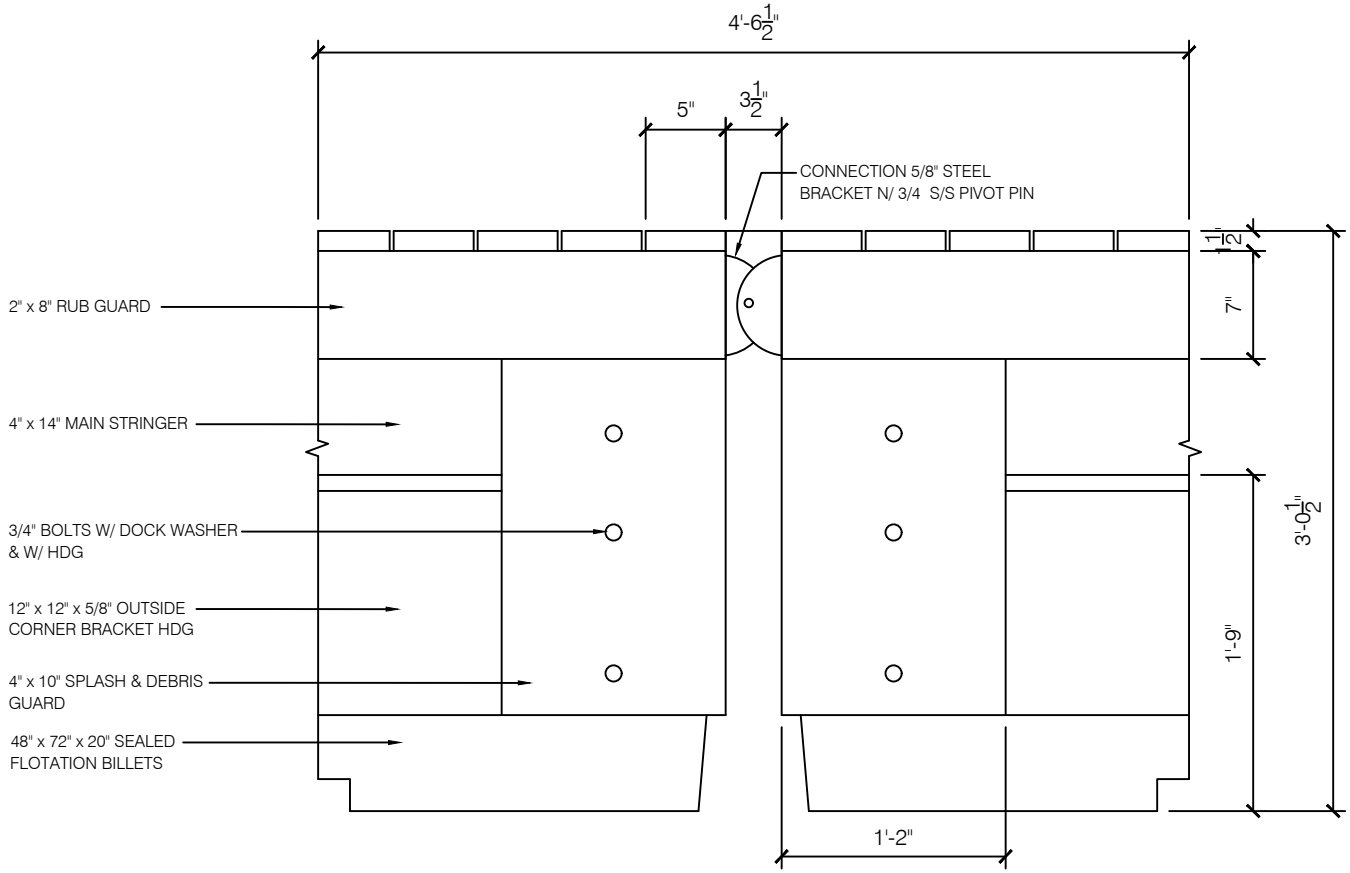
RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

A-302



1	TYPICAL PROPOSED TIMBER FLOAT CONNECTION DETAIL
	1" = 1'-0"

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

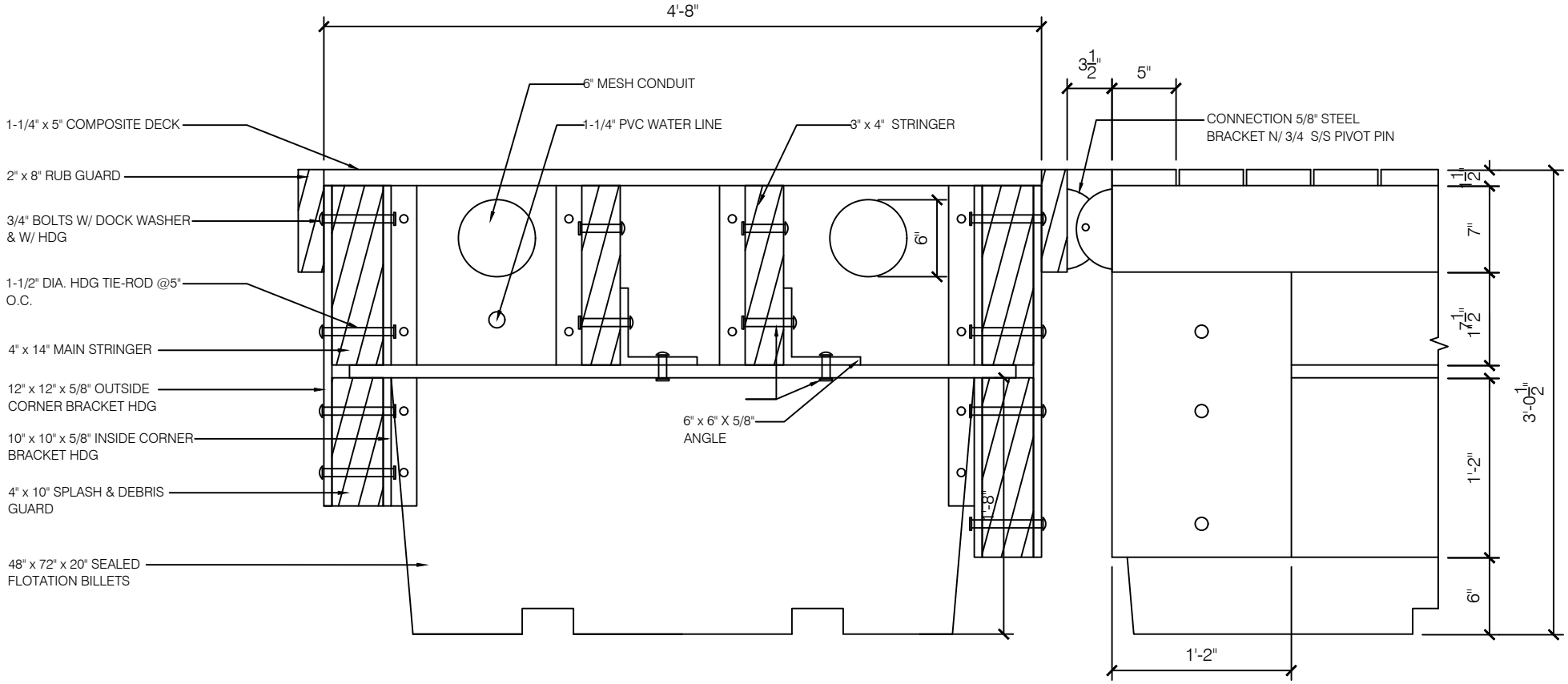
RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

A-303



FINGER FLOAT

1	TYPICAL PROPOSED FLOATING DOCK PERPENDICULAR CONNECTION JOINT
	1" = 1'-0"

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

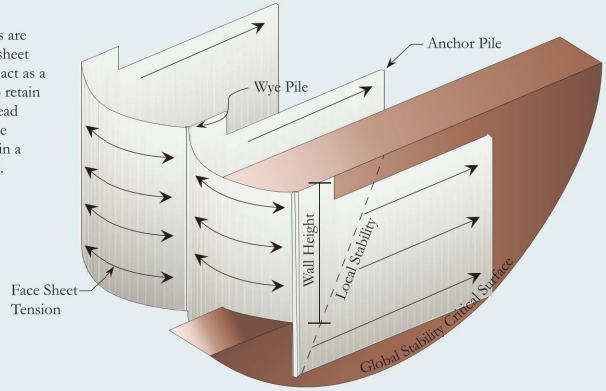
DATE: 1/14/2016

SHEET NUMBER

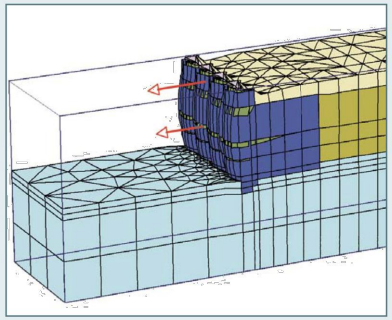
A-304

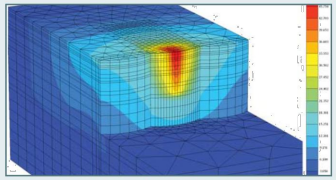
OPEN CELL SHEET PILE™ TECHNOLOGY

The OPEN CELL™ sheet piles are vertically arranged driven flat sheet pile-composed structures that act as a horizontally-tied membrane to retain soil. The OPEN CELL bulkhead features a vertical flat sheet pile anchor wall (tail wall) to restrain a curved flat sheet pile arch face.



ISOMETRIC VIEW





STRUCTURAL STABILITY & MODELING:

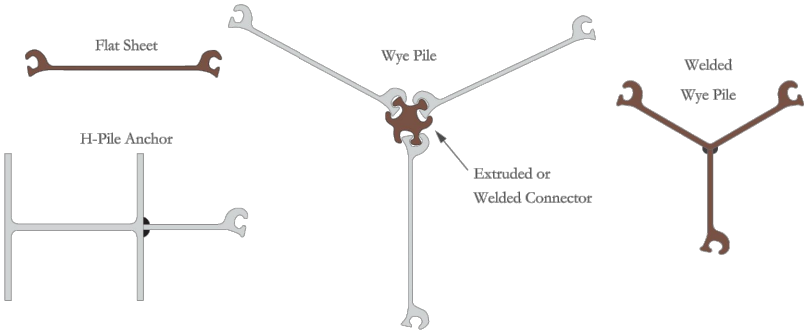
At left and above are models representing analysis of an OPEN CELL structure. Rigorous geotechnical analysis – performed on every structure we design – can include multiple methods involving both classic analysis and numerical methods that have provided consensus of results.

PATENTS:

PND has spent years testing, observing, and refining the OPEN CELL system and holds all related information to be proprietary. The OPEN CELL system is patented, holding U.S. Patent No. 6,715,964 B2; U.S. Patent No. 7,018,141 B2; U.S. Patent No. 7,488,140 B2; and U.S. Patent Application No. 12/879,997.

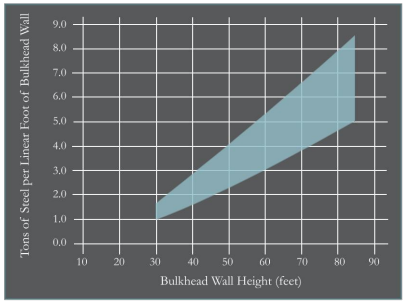
OPEN CELL SYSTEM COMPONENTS:

The OPEN CELL system utilizes flat sheet piles and either extruded connectors or welded connectors. The simplicity of the design and durability of the materials allow PND to adapt the OPEN CELL system to many uses and conditions.



STEEL QUANTITY ESTIMATES:

The graph below represents estimated steel quantity per foot of bulkhead wall height. Wall height is measured from ground- or mud-line to top of a driven sheet pile. (See isometric view on opposite page.)



1	OPEN CELL STEEL BULKHEAD DATA
	N.T.S.

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

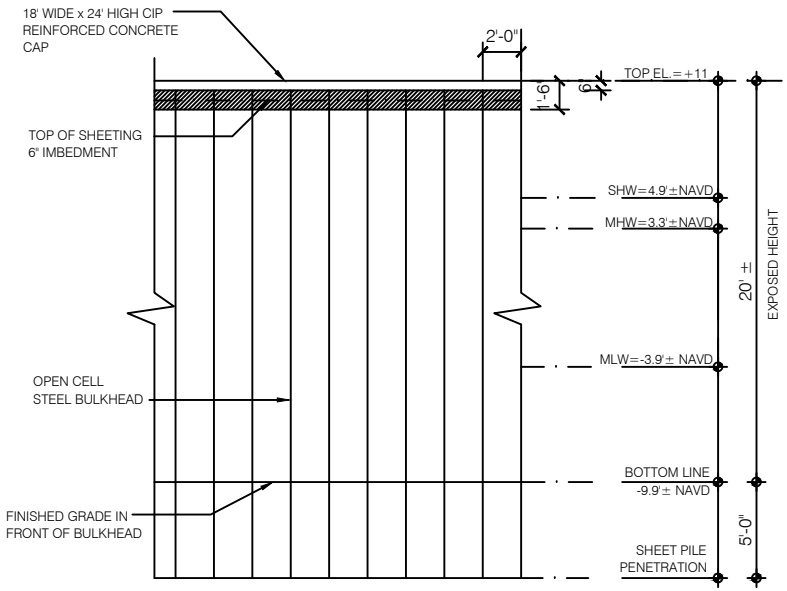
RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

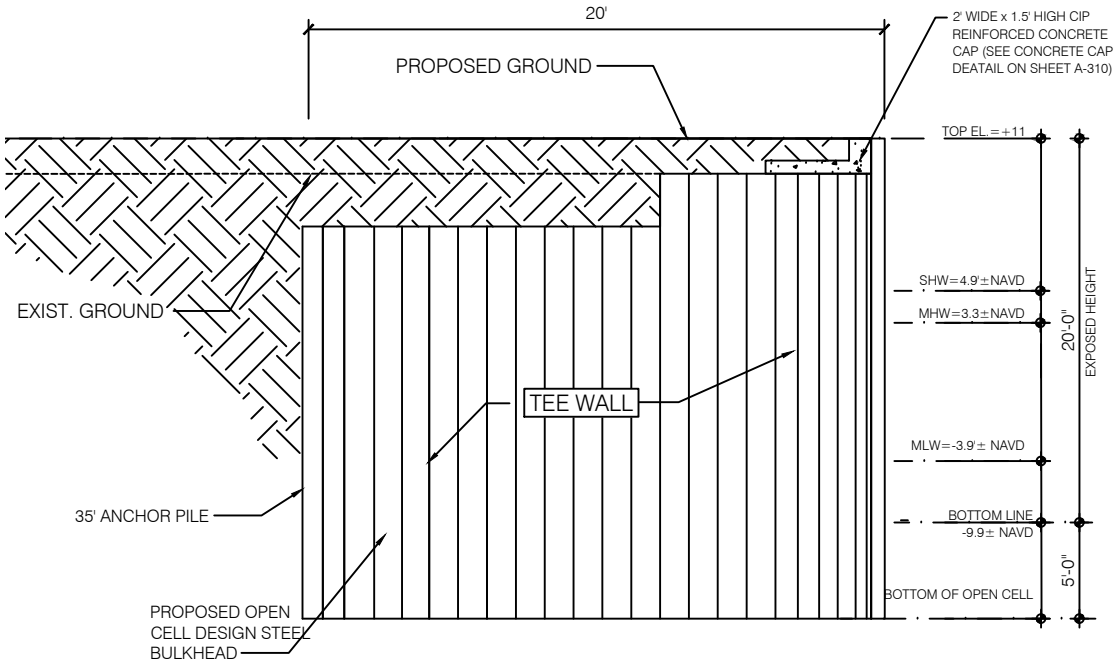
CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

A-305





1	OPEN CELL STEEL BULKHEAD ELEVATION & CROSS SECTION (ANGLER'S CLUB, LOW-SILL WETLANDS, TRANSIENT MARINA)
	1" = 10'

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

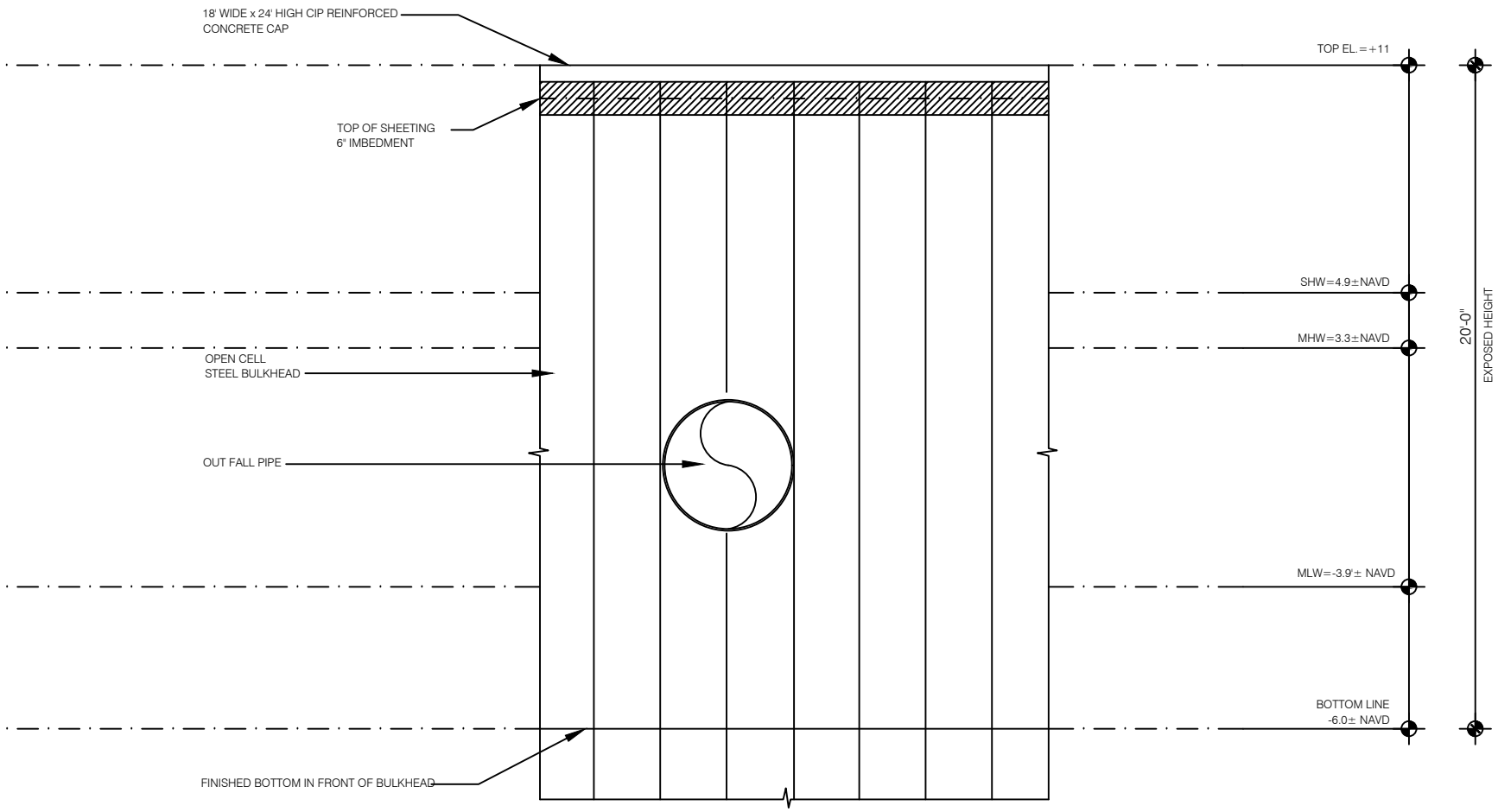
RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

A-306



1	OUTFALL ELEVATION - OPEN CELL STEEL BULKHEAD
	1" = 5'

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

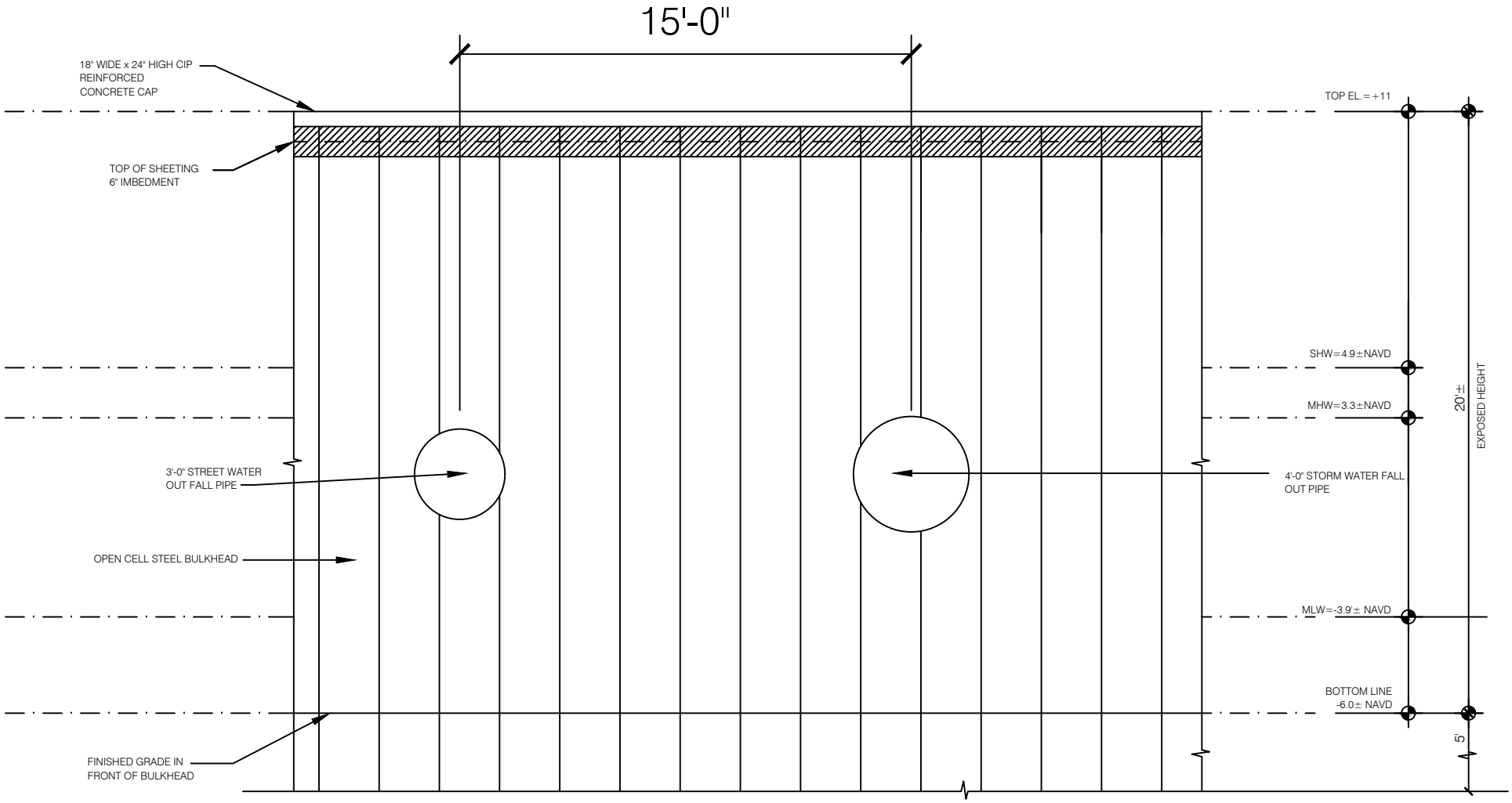
RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

A-307



1	OUTFALL ELEVATION - OPEN CELL STEEL BULKHEAD
	1" = 5'

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

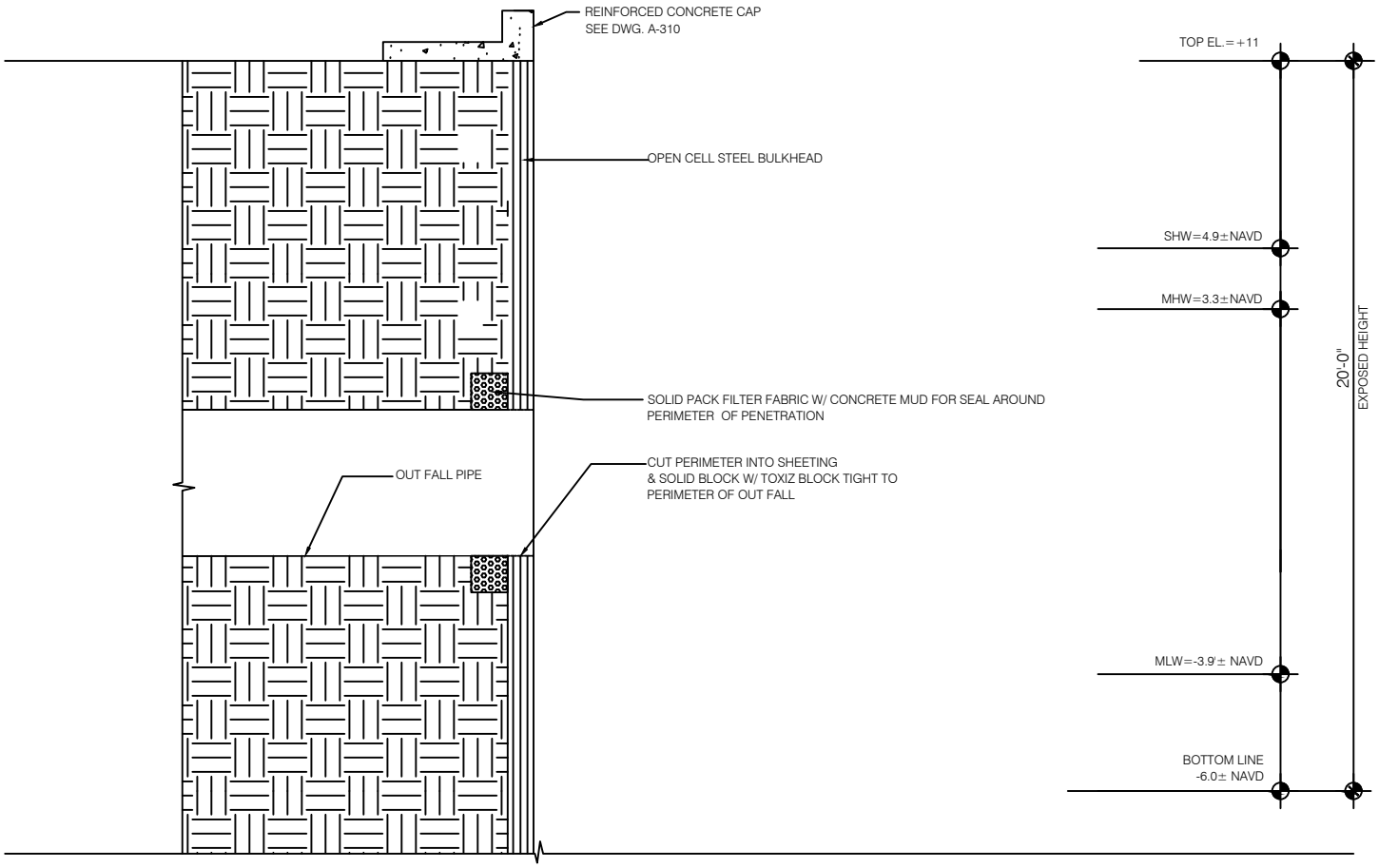
RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

A-308



1	OUTFALL DETAIL - OPEN CELL STEEL BULKHEAD SECTION
	1" = 5'

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

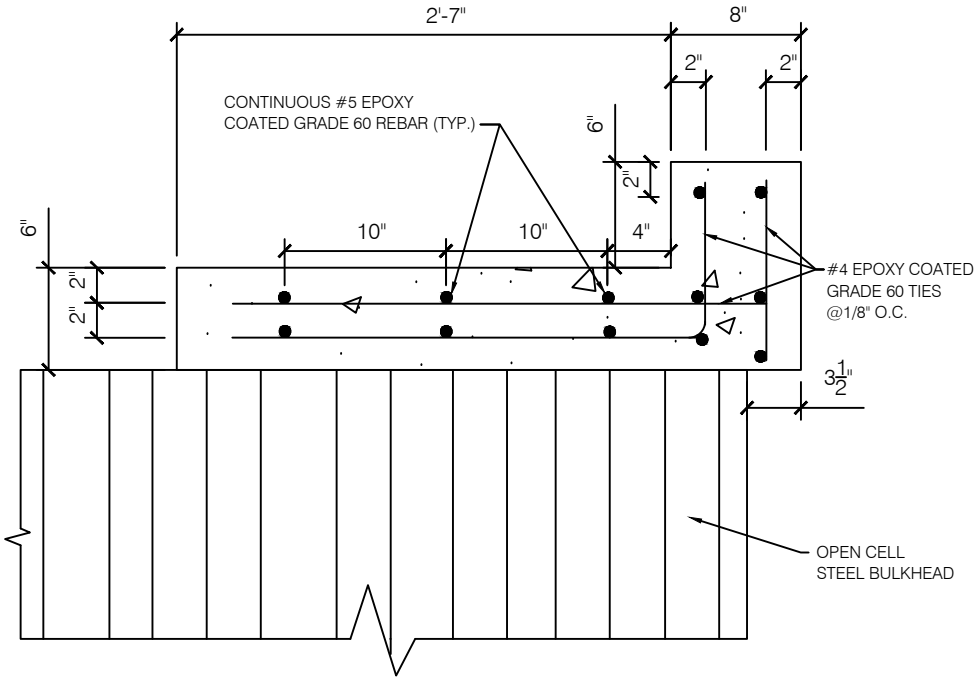
RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

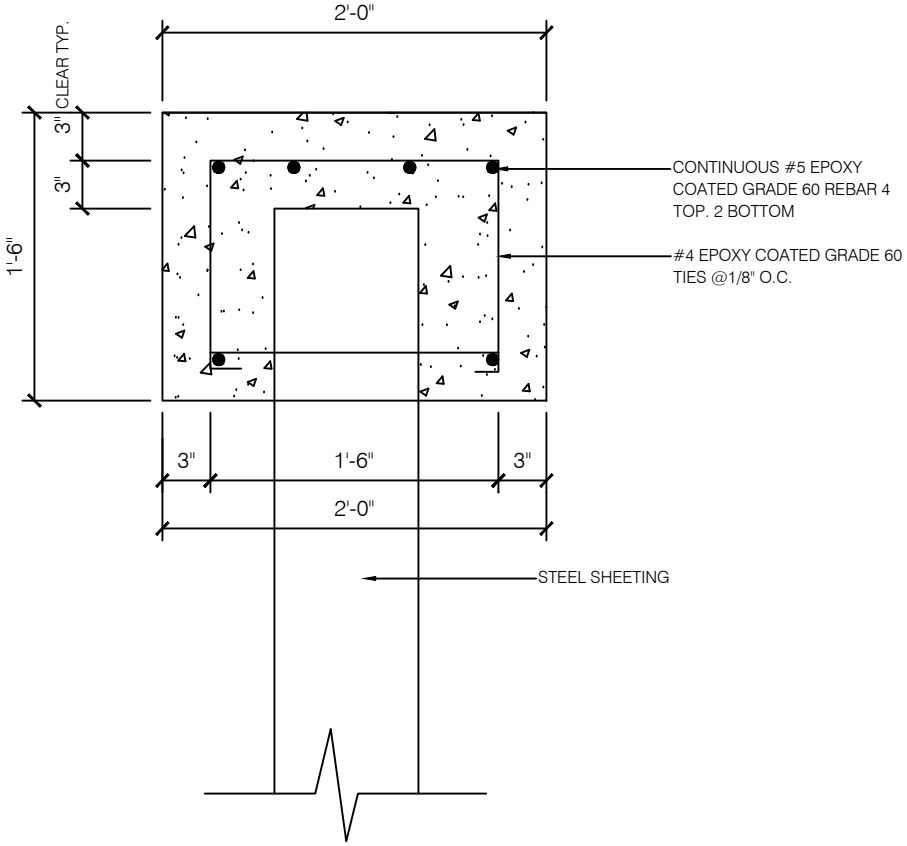
DATE: 1/14/2016

SHEET NUMBER

A-309



GENERAL NOTES:
1. ALL STEEL TO BE HOT-DIP-GALVANIZED.
2. CONCRETE TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI AND MAXIMUM WATER/CEMENT RATION OF 0.4.
3. CONCRETE TO BE VIBRATED DURING PLACEMENT TO PREVENT HONEYCOMBS.
3. STEEL REBAR TO BE GRADE 60 AND TO HAVE A COVER OF 3 INCHES.



GENERAL NOTES:
1. ALL STEEL TO BE HOT-DIP-GALVANIZED.
2. CONCRETE TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI AND MAXIMUM WATER/CEMENT RATION OF 0.4.
3. CONCRETE TO BE VIBRATED DURING PLACEMENT TO PREVENT HONEYCOMBS.
3. STEEL REBAR TO BE GRADE 60 AND TO HAVE A COVER OF 3 INCHES.

1	OPEN CELL CONCRETE CAP	2	CONCRETE CAP DETAIL
	1" = 1'-0"		1" = 1'-0"

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

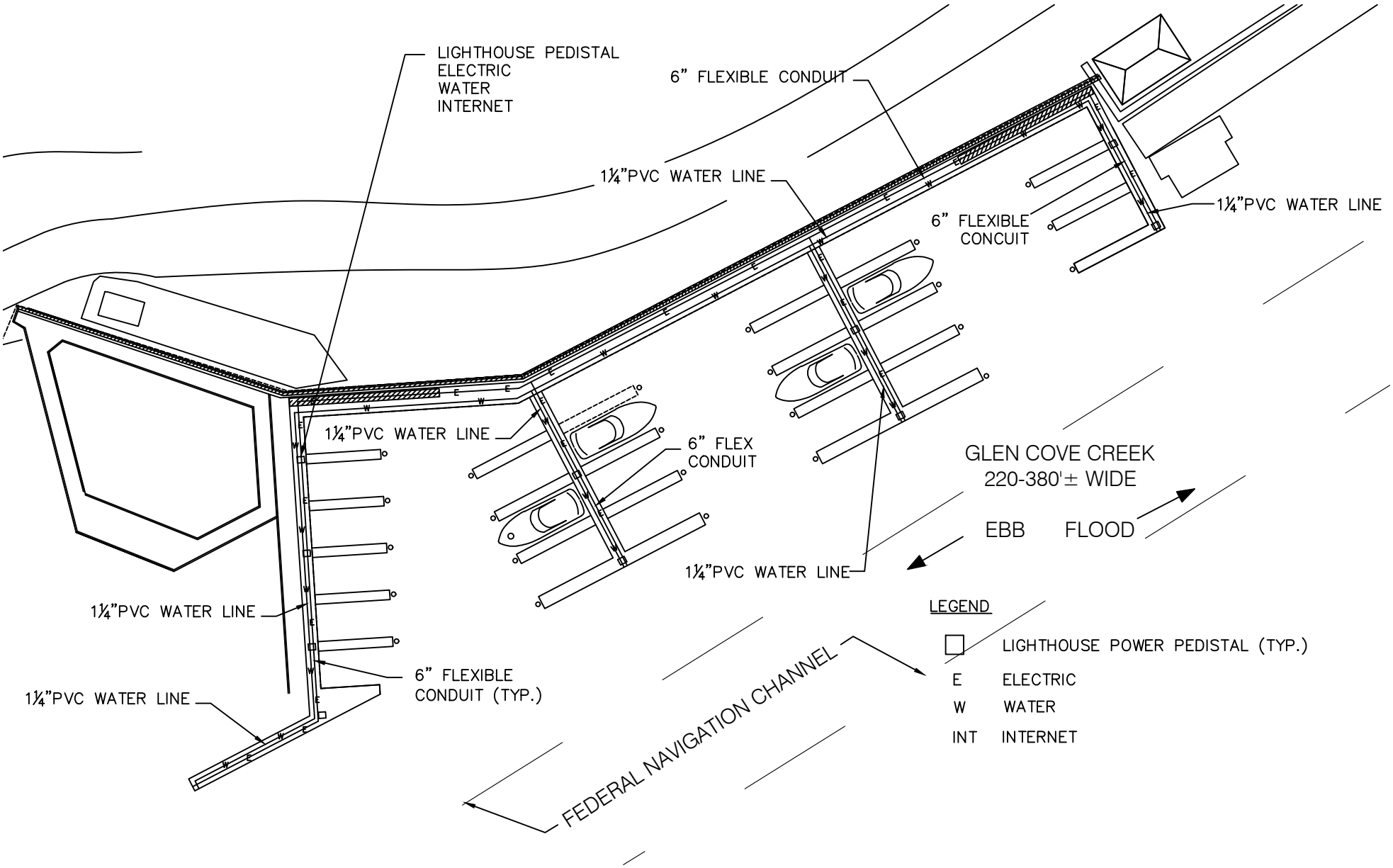
GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER
A-310



1	ECOLOGICAL PIER AND SMALL VESSEL MARINA - UTILITY DESIGN
	1" = 50'-0"

AAE
ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

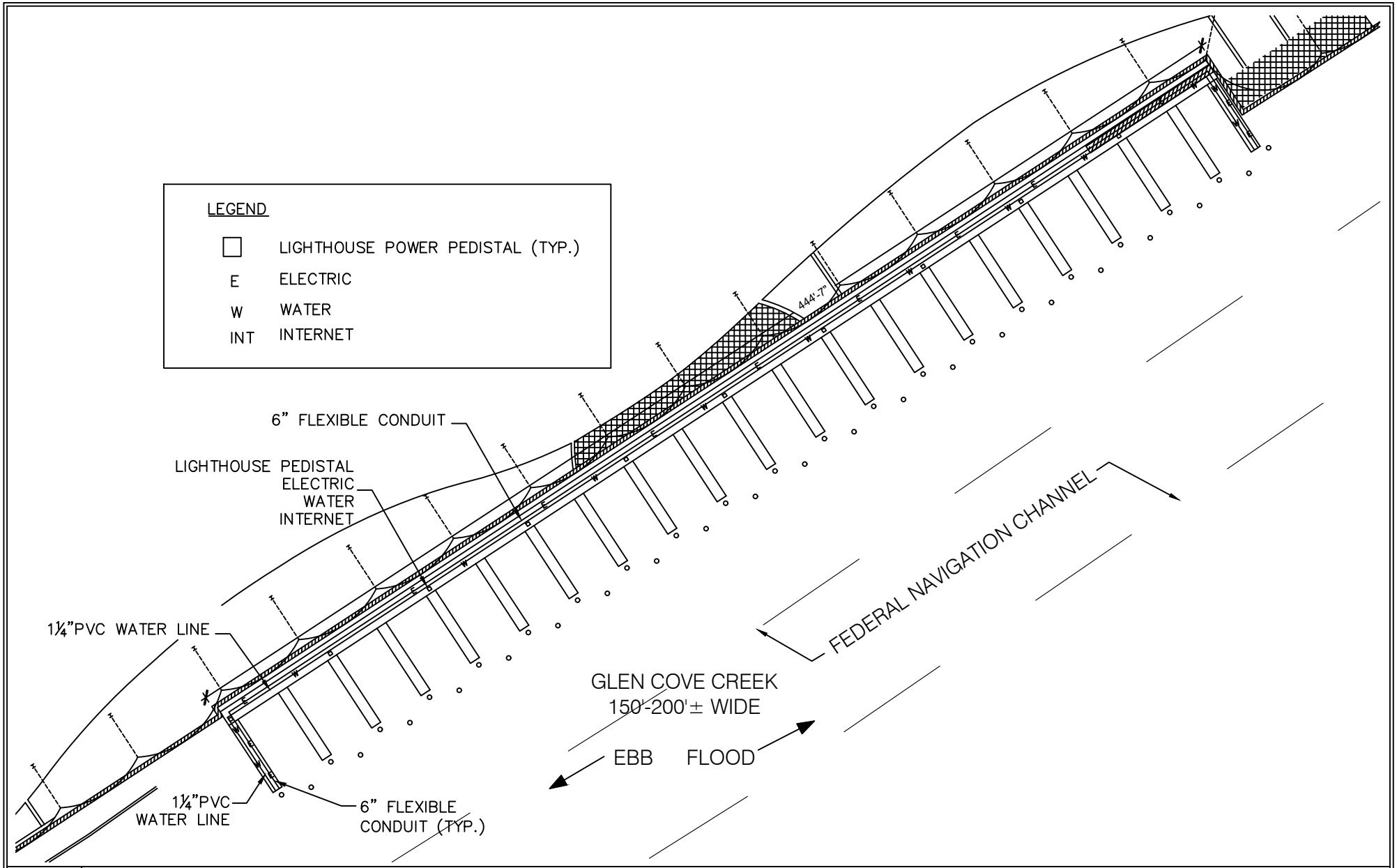
RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

E-100



1	ANGLAR'S CLUB MARINA - UTILITY DESIGN PLAN
	1" = 50'-0"

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

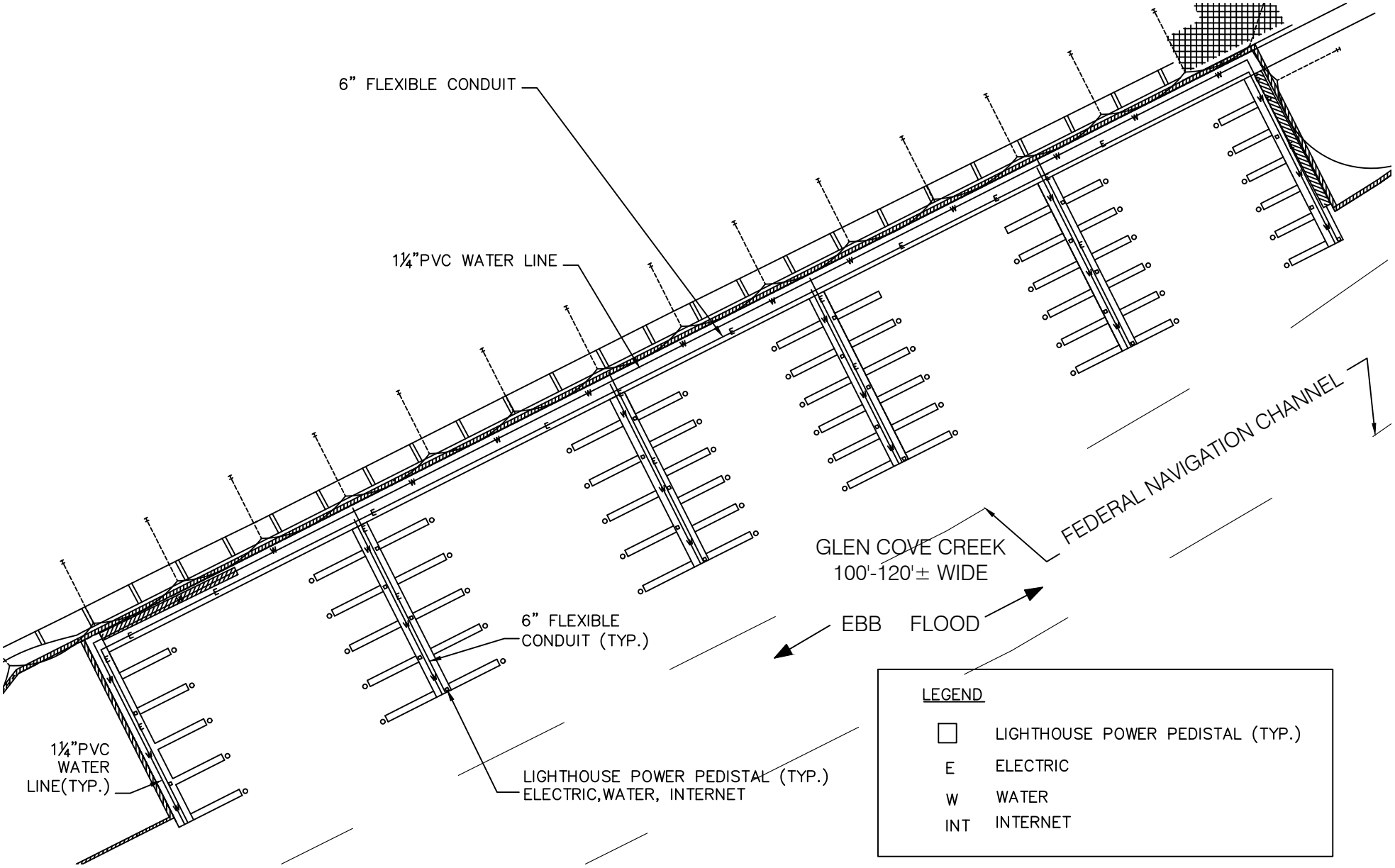
RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

E-101



1	TRANSIENT MARINA
	1" = 50'-0"

ADVANCED AMERICAN ENGINEERING PLLC
445 BROADHOLLOW ROAD, SUITE 25
MELVILLE, NEW YORK 11747
PHONE - 631.930.5337

GLEN COVE CREEK WATERFRONT REDEVELOPMENT PROJECT

RXR GLEN ISLE PARTNERS LLC - WATER FRONT PERMITTING PLANS

CITY OF GLEN COVE
NASSAU COUNTY, NEW YORK

DATE: 1/14/2016

SHEET NUMBER

E-102