



**DEPARTMENT OF THE ARMY**  
**NEW YORK DISTRICT, CORPS OF ENGINEERS**  
**JACOB K. JAVITS FEDERAL BUILDING**  
**26 FEDERAL PLAZA**  
**NEW YORK, NEW YORK 10278-0090**

Regulatory Branch

**SUBJECT:** Permit Application Number NAN-2023-00319-M1  
by Richard Nejat and Alex Omrani

The New York District, U.S. Army Corps of Engineers, has received a request for Department of the Army authorization for the following activity:

**APPLICANT:** Richard Nejat  
32 Shore Cliff Place  
Great Neck, NY 11023

Alex Omrani  
30 Shore Cliff Place  
Great Neck, NY 11023

**ACTIVITY:** Original permitted activity:  
Construct a 150-foot (ft) long by 4-ft wide fixed timber pier with 42 timber piles; construct a 12-ft wide by 12-ft long large craft 4-pile lift and a 10-ft long and 7-ft wide personal watercraft 2-pile lift.

Applicant's modification proposes the following:  
Relocate the proposed pier to the property line between the two applicants, construct two (2) 4-foot (ft) by 11 ft access platforms along the bulkhead, and an 8 ft by 105 ft fixed timber pier that splits into two (2) 4 ft by 21 ft pier extensions. In addition, two (2) 3 ft by 30 ft gangways leading to two (2) 6 ft by 30 ft floating docks arranged in a U-shape with two (2) 12 ft by 24 ft boat lifts in the center. A total of 67 timber piles to be installed.

The purpose of this project is to allow for safe recreational access.

**WATERWAY:** Little Neck Bay

**LOCATION:** Town of North Hempstead, Nassau County, New York

As this is minor in nature, authorization may be by Letter of Permission. This is in accordance with current Federal Regulations governing work in navigable waters of the United States. To accomplish the coordination required, prior to the issuance of a Letter of Permission, your review of the enclosed drawings is requested.

Pursuant to Section 307 (c) of the Coastal Zone Management Act of 1972 as amended (16 U.S.C. 1465 (c)(3)(A)), the applicant has certified that the activity

complies with and will be conducted in a manner that is consistent with the approved state coastal zone management program.

In order for us to better serve you, please complete our Customer Service Survey located at <https://www.nan.usace.army.mil/Missions/Regulatory/Customer-Survey/>.

To allow for the timely processing of the subject application, your comments are requested within 20 days of the date of this letter. If you have any questions, please contact Matthew Look, of my staff, at [matthew.look@usace.army.mil](mailto:matthew.look@usace.army.mil)

Sincerely,

Christopher W. Minck  
Regulatory Subject Matter Expert  
Metro NY/NJ Section

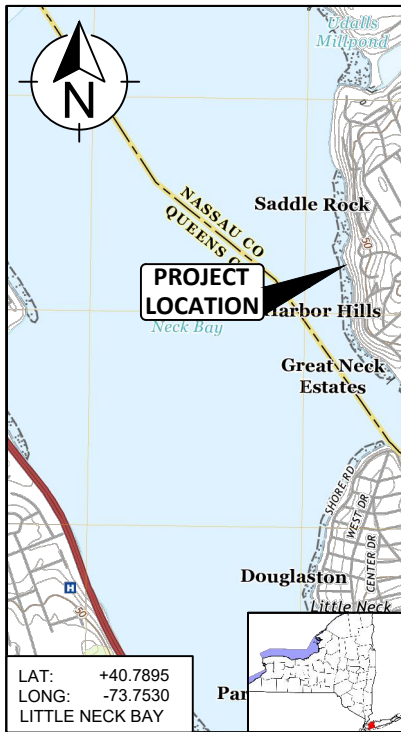
Enclosures

# WATERFRONT DEVELOPMENT

## 32 SHORE CLIFF PLACE

### GREAT NECK, NY 11023

#### LOCATION MAP



REF: FLUSHING QUADMAP - NASSAU COUNTY -  
NEW YORK - 7.5-MINUTE SERIES

#### PROJECT INFORMATION

##### LOCATION

PRIVATE RESIDENCE OF MR. RICHARD NEJAT, 32 SHORE CLIFF PLACE, IN THE TOWN OF GREAT NECK, NASSAU COUNTY, NEW YORK ALONG LITTLE NECK BAY.

##### PROJECT NOTIFICATION

COMMENCEMENT NOTIFICATION TO REGULATORY AGENCY SHALL BE SUBMITTED, AS REQUIRED, BY SELECTED CONTRACTOR PRIOR TO THE START OF WORK.

#### DEFINITION(S)

AUTHORITY: MR. RICHARD NEJAT  
ENGINEER: GEI CONSULTANTS, INC. P.C.

#### REVISION(S)

A: REGULATORY PERMIT APP. 08-02-2024

#### SHEET INDEX

##### GENERAL ARRANGEMENT PLANS:

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- G-1.1 GENERAL NOTES I
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- G-1.3 VICINITY MAP
- G-1.4 SITE PROTECTION PLAN
- G-1.5 EROSION CONTROL NOTES & DETAILS
- G-1.6 FACILITY PLAN
- G-2.0 PIER PLAN & ELEVATION
- G-2.1 PIER SECTION
- G-2.2 BOAT LIFT ELEVATION

##### CONSTRUCTION DETAILS:

- S-3.0 PIER CONNECTION DETAILS I
- S-3.1 PIER CONNECTION DETAILS II

#### TIDAL CHART ELEVATION(S)

POSITION	MLW	NAVD88	DESCRIPTION
SHW	+ 8.1	+ 4.3	SPRING HIGH WATER
MHHW	+ 7.5	+ 3.7	MEAN HIGHER HIGH WATER
MHW	+7.2	+ 3.4	MEAN HIGH WATER
MSL	+3.6	- 0.2	MEAN SEA LEVEL
MLW	± 0.0	- 3.8	MEAN LOW WATER
MLLW	- 0.3	- 4.1	MEAN LOWER LOW WATER

NOTE: SHW IS SYNONYMOUS WITH MEAN HIGH WATER SPRING  
(NOAA NOS CO-OPS1)

NOTE: CONSTRUCTION DETAILS PROVIDED FOR  
TOWN/VILLAGE REVIEW. DOCUMENTS EXCLUDED  
FOR GENERAL ARRANGEMENT PLANS SUBMITTED TO  
FEDERAL/STATE REGULATORY AGENCIES (DEC  
REGION 1 ONLY).

#### PROJECT DESCRIPTION

CONSTRUCT/INSTALL A 8X105-FT (840 SF) SHARED FIXED TIMBER PIER, A 4X11-FT (44 SF) PIER ACCESS PLATFORM, A 4X21-FT (84 SF) TIMBER PIER EXTENSION, A 6X30-FT (180 SF) FLOATING DOCK WITH A 3X30-FT (90 SF) ACCESS GANGWAY, AND A 12X24-FT (288 SF) 6-PILE BOAT LIFT. TOTAL NUMBER OF PROPOSED (NEW) TIMBER PILES = 46 (12"Ø).

SHEET NO.

G-1.0

PROJECT NO.

2300794

DATE

08-02-24

REVISION

A

SHEET

TITLE SHEET & LOCATION MAP

PROJECT

WATERFRONT DEVELOPMENT

PREPARED FOR  
MR. RICHARD NEJAT

LOCATED AT  
32 SHORE CLIFF PLACE  
GREAT NECK, NY

COMPANY

GEI



GEI Consultants  
GEI CONSULTANTS, INC., P.C.  
1000 NEW YORK AVENUE  
SUITE B  
HUNTINGTON STATION, NY 11746  
(631)760-9300

SEAL

GENERAL NOTE(S):

1. ALL WORK SHALL CONFORM TO ALL FEDERAL, STATE, COUNTY, OR LOCAL CODES HAVING JURISDICTION OVER THE PROJECT LOCATION.
2. ALL PROJECT WORK SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR AS DIRECTED BY THE AUTHORITY OR THE ENGINEER.
  - A. CONTRACTOR SHALL FAMILIARIZE HIM(HER)SELF WITH THE ACTUAL SITE CONDITIONS AND SHALL BE RESPONSIBLE FOR FURNISHING A COMPLETED PROJECT AS REPRESENTED IN THE CONTRACT DOCUMENTS.
  - B. ALL PROPOSED ALTERNATES TO THE ITEMS AND METHODS REPRESENTED IN THE CONTRACT DOCUMENTS SHALL BE SUBMITTED IN WRITING TO THE AUTHORITY AND THE ENGINEER FOR APPROVAL SEVEN (7) DAYS IN ADVANCE OF ANY CONTRACTOR WORK OR MATERIAL PURCHASE.
3. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING AND PROPOSED CONDITIONS. THE CONTRACTOR SHALL PERFORM FIELD MEASUREMENTS PRIOR TO CONSTRUCTION, FABRICATION, AND/OR PURCHASE OF ANY MATERIAL.
4. DISCOVERY OF INCONSISTENT SITE INFORMATION OR CONDITIONS SHALL BE IMMEDIATELY CONVEYED TO THE AUTHORITY AND THE ENGINEER PRIOR TO COMMENCING OR CONTINUING CONSTRUCTION. CONFLICTS ARISING DUE TO THE LACK OF COORDINATION SHALL BE THE RESPONSIBILITY AND AT THE SOLE EXPENSE OF THE CONTRACTOR.
5. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS, METHODS, AND SAFETY OF WORK.
6. CONTRACTOR SHALL NOT CAUSE ANY ADVERSE EFFECT ON NAVIGATION IN THE WATERBODY DURING THE PROJECT DURATION.
7. THE CONTRACTOR SHALL PREVENT DAMAGE TO EXISTING STRUCTURES OR OBJECTS BY OR AS A RESULT OF HIS OPERATIONS. ANY DAMAGE RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AS DIRECTED BY THE AUTHORITY OR THE ENGINEER AT NO ADDITIONAL COST TO THE AUTHORITY OR THE ENGINEER.
8. AS-BUILT DRAWINGS - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TWO (2) SETS OF "AS-BUILT" DRAWINGS SHOWING ILLUSTRATIONS AND/OR NOTING ALL FIELD CHANGES AND MODIFICATIONS TO THE DRAWINGS ISSUED FOR CONSTRUCTION. UPON PROJECT COMPLETION AND PRIOR TO RELEASE OF FINAL PAYMENT THE CONTRACTOR SHALL SUBMIT BOTH SETS OF "AS-BUILT" DRAWINGS TO THE AUTHORITY AND THE ENGINEER.
9. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS SUPERSEDE SCALED DIMENSIONS AND ARE SUBJECT TO REVISIONS AS PER ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS HEREIN SHOWN, AND ALL DISCREPANCIES ARE TO BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO COMMENCING WITH THE WORK.

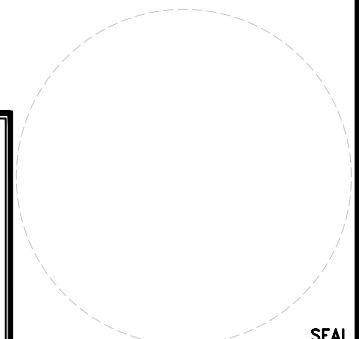
PERMIT(S):

1. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING WORK COMPLYING WITH ALL REGULATORY PERMIT CONDITIONS.

GOVERNING DESIGN CODE(S):

1. ALL WORK SHALL BE IN CONFORMANCE WITH THE LATEST REVISION OF:
  - A. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)
  - B. NEW YORK STATE BUILDING CODE (NYSBC)
  - C. AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

<b>SHEET NO.</b>  <b>G-1.1</b>	<b>PROJECT NO.</b> 2300794	<b>SHEET</b> GENERAL NOTES I	<b>COMPANY</b>  <b>GEI</b> Consultants GEI CONSULTANTS, INC., P.C. 1000 NEW YORK AVENUE SUITE B HUNTINGTON STATION, NY 11746 (631)760-9300
	<b>DATE</b> 08-02-24	<b>PROJECT</b> WATERFRONT DEVELOPMENT	
	<b>REVISION</b> A	<b>PREPARED FOR</b> MR. RICHARD NEJAT	
		<b>LOCATED AT</b> 32 SHORE CLIFF PLACE GREAT NECK, NY	



**MATERIAL(S):**

1. MATERIALS THAT ARE STORED ON SITE SHALL BE STORED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS AND LOCATED IN AN AREA THAT IS PROTECTED TO PREVENT ACCIDENTS, DAMAGE, AND ANY ADVERSE ENVIRONMENTAL EFFECTS. DAMAGED MATERIALS SHALL BE PROMPTLY REPORTED TO THE AUTHORITY AND THE ENGINEER. DAMAGED MATERIALS SHALL BE REMEDIATED BY THE CONTRACTOR AT THE CONTRACTORS SOLE EXPENSE AND IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

**TIMBER PIER(S):**

1. TIMBER PILES - SOUTHERN YELLOW PINE DENSE STRUCTURAL GRADE 65 TREATED PILES IN ACCORDANCE WITH AWP A U1 COMMODITY SPECIFICATION G AND CONFORMING TO ASTM D25 AND OTHER SPECIFIED REQUIREMENTS.
  - A. CIRCUMFERENCE - MINIMUM PILE CIRCUMFERENCES, MEASURED 3 FEET FROM THE BUTT END, MUST BE 36 INCHES FOR A SPECIFIED 12 INCH DIAMETER PILE.
  - B. TAPER - THE PILE SHALL BE TAPERED AT A RATE NO GREATER THAN 1 IN PER 10 FT.
  - C. PRESERVATIVE TREATMENT - TREAT PILES BASED ON USE CATEGORY AND SPECIES IN ACCORDANCE WITH AWP A U1 AND AWP A T1 TO THE RETENTION AND PENETRATION FOR MARINE PILING AND PRODUCE IN ACCORDANCE WITH WWPI MANAGEMENT PRACTICES. PILES PRESERVATIVE TREATMENT MUST BE WATERBORNE PRESERVATIVE FOR MARINE PILES IN ACCORDANCE WITH AWP A P5 - CHROMATED COPPER ARSENATE (CCA).
  - D. FIELD TREATMENT - PILES MUST BE FIELD TREATED IN ACCORDANCE WITH AWP A M4. ALL CUTS, HOLES AND INJURIES SUCH AS HOLES FROM REMOVAL OF SPIKES OR NAILS WHICH MAY PENETRATE THE TREATED ZONE MUST BE FIELD TREATED WITH COPPER NAPHTHENATE CONFORMING TO AWP A P34.
  - E. PILE DRIVING - PILES SHALL BE INSTALLED (DRIVEN) IN THE PRESENCE OF AN ENGINEER LICENSED BY THE STATE OF NEW YORK. THE CONTRACTOR SHALL RECORD THE PILE LOCATION, PILE BLOWS PER FOOT, PILE ENERGY AND DEPTH OF PILE FOR EACH PILE AND SUBMIT TO THE AUTHORITY AND THE ENGINEER.
    - MARKING: PILES SHALL BE MARKED BY PAINTING HORIZONTAL LINES AT ONE (1) FOOT INTERVALS AND THE NUMBER OF FEET FROM THE PILE TIP AT FIVE (5) FOOT INTERVALS. THE PILES SHALL BE MARKED AT ONE (1) INCH INTERVALS FOR THE FINAL TWO (2) FEET OF DRIVING.
    - CAPACITY: ALL PILES SHALL BE DRIVEN TO A 10 TON MINIMUM WORKING CAPACITY AT 15 FEET BELOW THE MUDLINE. THE FORMULA FOR CALCULATING THE MINIMUM DRIVING RESISTANCE SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO DRIVING THE FIRST PILE.
    - METHOD(S): THE METHODS AND EQUIPMENT OF PILE DRIVING SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO DRIVING THE FIRST PILE. THE USE OF JETTING FOR INSTALLATION IS NOT PERMITTED.
    - TOLERANCE: ALL PILES SHALL BE INSTALLED TO WITHIN THREE (3) INCHES OF THE VERTICAL AND/OR HORIZONTAL (LATERAL) POSITION INDICATED IN THE CONTRACT DOCUMENTS. (UNLESS NOTED OTHERWISE).
2. TIMBERWORK - PROVIDE SOLID SAWN LUMBER AND TIMBERS OF STRESS-RATED SOUTHERN PINE, DOUGLAS FIR-LARCH, OR RED PINE AS INDICATED AND IDENTIFIED BY THE GRADE MARK OF A RECOGNIZED ASSOCIATION OR INDEPENDENT INSPECTION AGENCY USING THE SPECIFIC GRADING REQUIREMENTS OF AN ASSOCIATION RECOGNIZED AS COVERING THE SPECIES USED. THE ASSOCIATION OR INDEPENDENT INSPECTION AGENCY MUST BE CERTIFIED BY THE BOARD OF REVIEW, AMERICAN LUMBER STANDARDS COMMITTEE TO GRADE THE SPECIES USED. FOR SECONDARY MEMBERS USE LUMBER OR TIMBERS RATED NO. 1 OR BETTER. USE COMMERCIAL GRADE LUMBER FOR DECKING MEMBERS.
  - A. PRESERVATIVE TREATMENT - FOR LUMBER IN CONTACT WITH BRACKISH WATER, SALT WATER, OR SALTWATER SPLASH, PRESERVATIVE TREATMENT SHALL BE WATERBORNE PRESERVATIVE IN ACCORDANCE WITH AWP A P5 - CHROMATED COPPER ARSENATE (CCA). FOR LUMBER NOT IN CONTACT WITH BRACKISH WATER, SALT WATER, OR SALT WATER SPLASH, TREATMENT MUST BE IN ACCORDANCE WITH AWP A U1 COMMODITY SPECIFICATION A: SAWN PRODUCTS WITH WATER-BORNE PRESERVATIVE (AWP A P5) EXCEPT THAT CHROMATED ZINC CHLORIDES, PENTACHLOROPHENOL-AMONIAL SYSTEMS, AND ALKYL AMMONIUM COMPOUNDS ARE PROHIBITED.
  - B. FIELD TREATMENT - ALL CUTS, HOLES AND INJURIES SUCH AS HOLES FROM REMOVAL OF SPIKES OR NAILS THAT PENETRATE THE TREATED ZONE MUST BE FIELD TREATED WITH COPPER NAPHTHENATE CONFORMING TO AWP A M4.
2. HARDWARE - HARDWARE CONSISTS OF BOLTS WITH NECESSARY NUTS AND WASHERS, TIMBER CONNECTORS, DRIFT PINS, DOWELS, NAILS, SCREWS, SPIKES, AND OTHER FASTENINGS. BOLTS AND NUTS MUST CONFORM TO ASTM A307. HARDWARE SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A123 OR ASTM A153, AS APPLICABLE.

**BOAT LIFTS:**

1. BOAT LIFT(S) - PROVIDE AND INSTALL PREFABRICATED PACKAGED BOAT LIFTS AND TIMBER PILES PER MANUFACTURER SPECIFICATIONS. CONTRACTOR RESPONSIBLE FOR ALIGNMENT OF LIFTS TO AUTHORITY SELECTED VESSEL. TIMBER PILES SHALL BE 12 INCH DIAMETER (MIN) AND BE EMBEDDED INTO SOUND SUB-GRADE (15 FT EMBED. MIN).
  - A. 4 PILE LIFT: SUPERLIFT (600086) 27,000 LBS BY IMM QUALITY (OR BETTER).
  - B. 2 PILE PWC LIFT: ALUMAVATOR (600109) 4,500 LBS BY IMM QUALITY (OR BETTER).

**TIMBER TREATMENT TYPE**

ELEMENT	TREATMENT TYPE	RETENTION	DESCRIPTION
PILES	1A	1.5	CCA TREATED PER LATEST AWP A STANDARDS, COMMODITY SPECIFICATION A.P 3.0
	1B	2.5	
FRAMING	2A	1.5	CCA TREATED PER LATEST AWP A STANDARDS, COMMODITY SPECIFICATION A.P 3.0
	2B	2.5	
	3A	1.5	ACQ TREATED PER AWP A ACQ-D
	3B	2.5	

**SHEET NO.**  
  
**G-1.2****PROJECT NO.**  
2300794  
**DATE**  
08-02-24  
**REVISION**  
A**SHEET**  
GENERAL NOTES II  
**PROJECT**  
WATERFRONT DEVELOPMENT  
**PREPARED FOR**  
MR. RICHARD NEJAT  
**LOCATED AT**  
32 SHORE CLIFF PLACE  
GREAT NECK, NY**COMPANY****GEI** Consultants  
GEI CONSULTANTS, INC., P.C.  
1000 NEW YORK AVENUE  
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HUNTINGTON STATION, NY 11746  
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SEAL




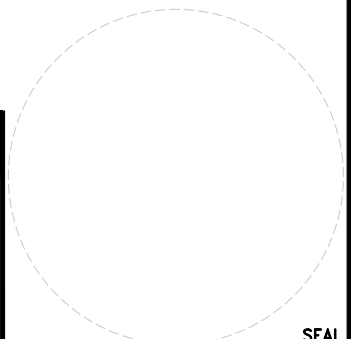
REF: FLUSHING QUADMAP - NASSAU COUNTY - NEW YORK - 7.5-MINUTE SERIES

### VICINITY MAP

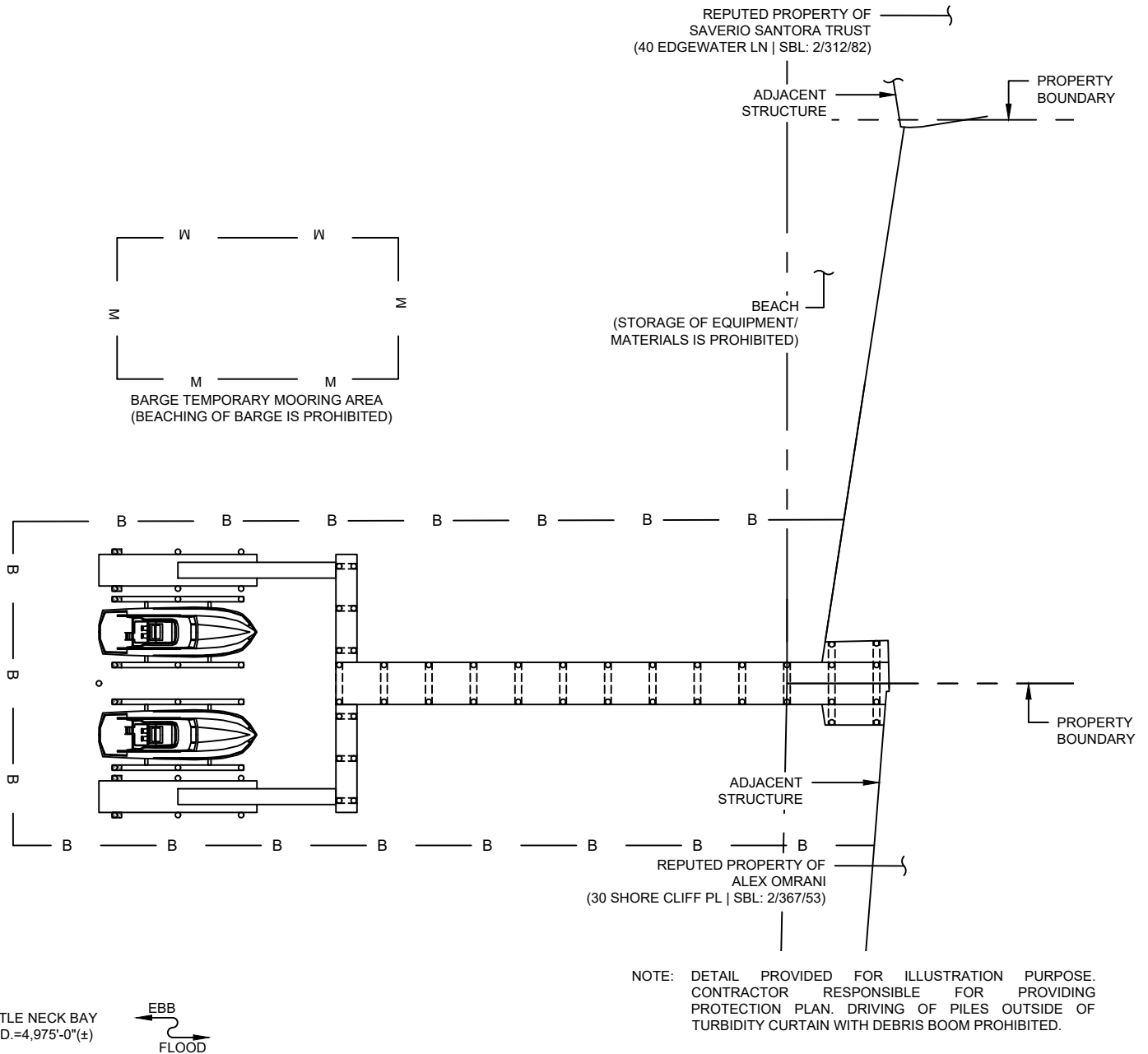
SCALE: 1"=800'-0"



SHEET NO.  <b>G-1.3</b>	PROJECT NO. 2300794	SHEET VICINITY MAP	<b>COMPANY</b>  <b>GEI</b> Consultants GEI CONSULTANTS, INC., P.C. 1000 NEW YORK AVENUE SUITE B HUNTINGTON STATION, NY 11746 (631)760-9300
	DATE 08-02-24	PROJECT WATERFRONT DEVELOPMENT	
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SEAL

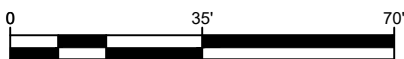


PLAN  
SITE PROTECTION

SCALE: 1"=35'-0"

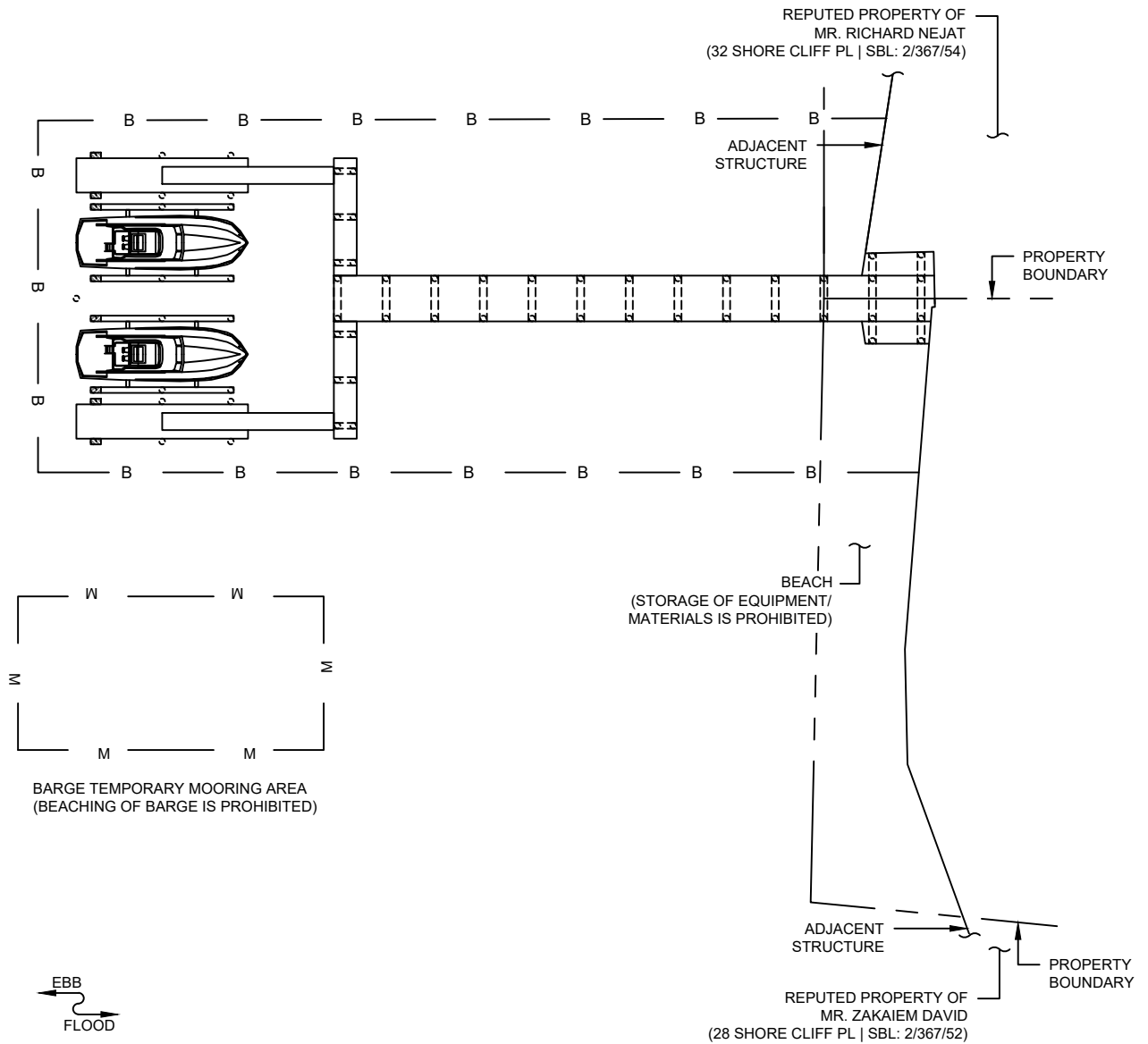
LEGEND:

- B - B - TURBIDITY CURTAIN W/ DEBRIS BOOM
- M - M - BARGE MOORING BOUNDARY



SHEET NO.  <b>G-1.4</b>	PROJECT NO. 2300794	SHEET SITE PROTECTION PLAN	COMPANY  <b>GEI</b> Consultants GEI CONSULTANTS, INC., P.C. 1000 NEW YORK AVENUE SUITE B HUNTINGTON STATION, NY 11746 (631)760-9300
	DATE 08-02-24	PROJECT WATERFRONT DEVELOPMENT	
	REVISION A	PREPARED FOR MR. RICHARD NEJAT	
		LOCATED AT 32 SHORE CLIFF PLACE GREAT NECK, NY	

SEAL



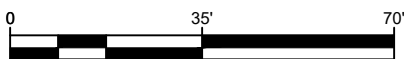
NOTE: DETAIL PROVIDED FOR ILLUSTRATION PURPOSE. CONTRACTOR RESPONSIBLE FOR PROVIDING PROTECTION PLAN. DRIVING OF PILES OUTSIDE OF TURBIDITY CURTAIN WITH DEBRIS BOOM PROHIBITED.

## PLAN SITE PROTECTION

SCALE: 1"=35'-0"

### LEGEND:

- B — B — TURBIDITY CURTAIN W/ DEBRIS BOOM
- M — M — BARGE MOORING BOUNDARY



SHEET NO.  <b>G-1.4</b>	PROJECT NO. 2300794	SHEET SITE PROTECTION PLAN	COMPANY  <b>GEI</b> Consultants GEI CONSULTANTS, INC., P.C. 1000 NEW YORK AVENUE SUITE B HUNTINGTON STATION, NY 11746 (631)760-9300
	DATE 08-02-24	PROJECT WATERFRONT DEVELOPMENT	
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SEAL

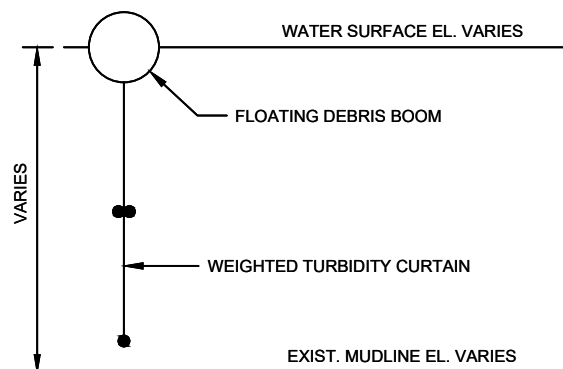


**SITE ACCESS AND STAGING AREA(S):**

1. CONTRACTOR STAGING AREA SHALL BE LIMITED WITHIN THE LIMITS LOCATED IN THE CONTRACT DOCUMENTS. NO MATERIALS SHALL BE STORED OUTSIDE THE LIMITS SHOWN UNLESS APPROVED, IN WRITING, BY THE AUTHORITY OR ENGINEER.
2. THE CONTRACTOR IS RESPONSIBLE FOR SITE SECURITY.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL JOB SAFETY. ALL CONSTRUCTION ACTIVITY SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL & STATE REGULATIONS. THE CONTRACTOR SHALL:
  - A. IMPLEMENT A SAFETY PROGRAM INSURING COMPLIANCE WITH REGULATIONS.
  - B. POST ON-SITE, ALL EMERGENCY PHONE NUMBERS.
  - C. TRAIN ALL EMPLOYEES AND SUBCONTRACTORS IN THE RECOGNITION AND AVOIDANCE OF UNSAFE WORK CONDITIONS.
  - D. IMMEDIATELY RECTIFY ALL SAFETY EXPOSURES AND VIOLATIONS.
4. A SEQUENCE OF CONSTRUCTION SHALL BE SCHEDULED AND COORDINATED, IN WRITING, WITH THE ENGINEER AND THE AUTHORITY PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY CHANGES TO THE SEQUENCE SHALL BE PROVIDED TO THE ENGINEER AND THE AUTHORITY, IN WRITING, SEVEN (7) DAYS PRIOR TO COMMENCEMENT OF CHANGE.
5. THE PROJECT AREA SHALL BE KEPT, AT ALL TIMES, FREE OF DEBRIS AND EXCESS MATERIAL TO THE SATISFACTION OF THE AUTHORITY AND THE ENGINEER.
6. ALL CONSTRUCTION AND RELATED ACTIVITIES SHALL BE CONDUCTED DURING NORMAL DAYTIME WORKING HOURS AS APPROVED, IN WRITING, BY THE AUTHORITY OR THE ENGINEER.

**TEMPORARY SOIL & EROSION CONTROL NOTES:**

1. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES. CONTRACTOR SHALL SUBMIT SOIL EROSION AND SEDIMENT CONTROL PLAN TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO THE START OF CONSTRUCTION.
2. CONTRACTOR SHALL PREVENT CONTAMINATION OF THE WATERWAY BY SILT, SEDIMENT FUELS, SOLVENTS, LUBRICANTS, EPOXY COATINGS, CONCRETE LEACHATE, OR ANY OTHER POLLUTANT ASSOCIATED WITH THE PROPOSED CONSTRUCTION.
3. ERODED SOIL SHALL BE PREVENTED FROM ENTERING STORM DRAINS, DITCHES, OR WATERCOURSES (SEE TYPICAL DETAILS). TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL MEASURES DETAILED IN THE PLANS SHALL BE CONSIDERED AS THE MINIMUM REQUIRED.
4. ALL SOIL AND EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PLACED PRIOR TO STARTING ANY CONSTRUCTION WORK AND SHALL REMAIN IN PLACE UNTIL SLOPES ARE STABILIZED WITH SEEDING AND/OR OTHER SLOPE PROTECTION.
5. MAINTENANCE OF TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL DEVICES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND PAID FOR UNDER THE GENERAL CONDITIONS OF THE CONTRACT.
6. FLOATING TURBIDITY CURTAINS SHALL BE USED TO PREVENT TURBID WATER FROM ENTERING CLEAR WATER, ISOLATING ACTIVE CONSTRUCTION AREAS TO MINIMIZE THE MIGRATION OF SUSPENDED SILTS.
  - A. THICKNESS = 45 MILS (MIN)
  - B. WEIGHT = 18 OZ / SY (MIN)
  - C. TENSILE STRENGTH = 300 LBS (MIN)
  - D. UV INHIBITOR = YES
  - E. APPARENT OPENING SIZE = 70 US STANDARD SIEVE (OR FINER)
  - F. COLOR = YELLOW OR INTERNATIONAL ORANGE
7. TURBIDITY CURTAINS SHALL BE ANCHORED TO PREVENT DRIFT. DESIGN OF CURTAIN AND ANCHOR SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. ILLUMINATE CURTAINS ACCORDING TO USCG WHEN INSTALLED IN NAVIGABLE WATERWAYS.
8. MAINTAIN A 12 IN. MINIMUM GAP BETWEEN THE SKIRT BOTTOM AND THE MUDLINE. DRAGGING OF CURTAIN IS PROHIBITED.
9. TURBIDITY CURTAIN MAY BE INSTALLED ON STAKES DRIVEN INTO THE MUDLINE FOR SHALLOW WATER APPLICATIONS (2 FEET OR LESS).
10. MAXIMUM CURTAIN DEPTH = 12 FT.

**TYP****DETAIL  
TUBIDITY CURTAIN W/ DEBRIS BOOM**

N.T.S

**SITE SAFETY:**

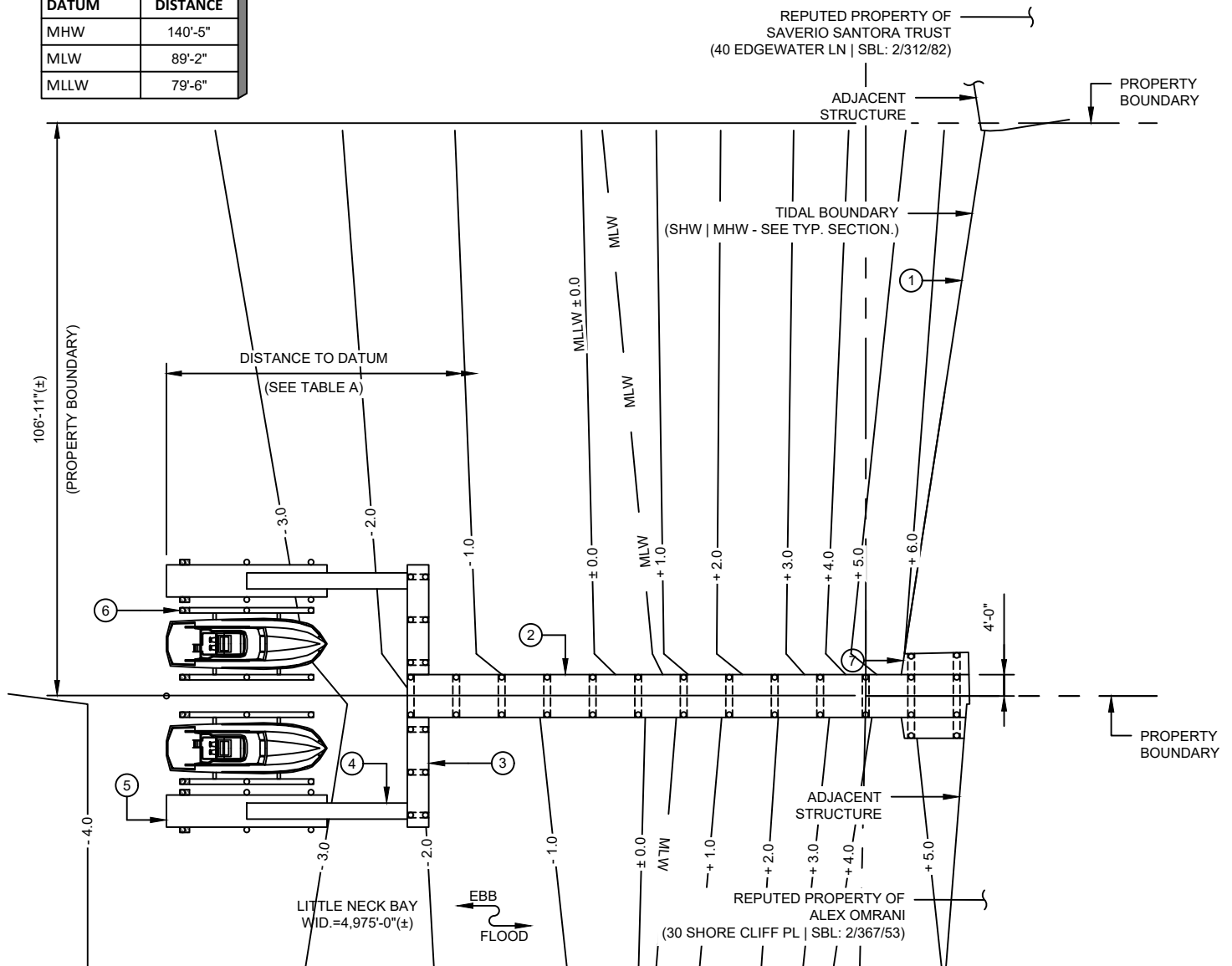
1. CONTRACTORS, CONSTRUCTION MANAGERS, AND SUBCONTRACTOR ENGAGED IN THE PROJECT WORK SHALL INSTITUTE AND MAINTAIN SAFETY MEASURES AND PROVIDE ALL EQUIPMENT OR TEMPORARY CONSTRUCTION NECESSARY TO SAFEGUARD ALL PERSONS AND PROPERTY AFFECTED BY SUCH CONTRACTOR'S OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PEDESTRIANS DURING ALL CONSTRUCTION ACTIVITIES. PEDESTRIAN PROTECTION SHALL BE MAINTAINED IN PLACE AND KEPT IN GOOD ORDER FOR THE ENTIRE LENGTH OF TIME PEDESTRIANS MAY BE ENDANGERED.
2. THE CONTRACTOR SHALL DESIGNATED A SITE SAFETY MANAGER WHO SHALL BE PRESENT DURING ALL CONSTRUCTION ACTIVITIES, INCLUDING BUT NOT LIMITED TO THE MOBILIZATION AND DEMOBILIZATION OF EQUIPMENT, LABOR AND MATERIALS THROUGH SHORT BEACH.
3. INSPECTIONS - THE SITE SAFETY MANAGER SHALL BE RESPONSIBLE FOR THE INSPECTION OF OPERATIONS FOR COMPLIANCE WITH THE PROVISIONS HEREIN. ALL INSPECTION REPORTS SHALL BE MAINTAINED BY THE PERMIT HOLDER AND BE MADE AVAILABLE TO THE ENGINEER UPON REQUEST.
  - A. SITE INSPECTION(S). THE SITE SAFETY MANAGER SHALL INSPECT THE SITE AT THE START AND CONCLUSION OF EACH DAY AND/OR ANY ACTIVITY THAT COMMENCES DURING THE DAY. RECORDS OF PERIODIC INSPECTIONS, CONDITIONS DEEMED AS UNSAFE AND ACTIONS TO CORRECT UNSAFE CONDITIONS SHALL BE KEPT AT THE SITE FOR THE DURATION OF THE WORK.
4. SIGNS. THE CONTRACTOR IS RESPONSIBLE FOR POSTING OF ALL SIGNS REQUIRED BY LAW. ALL POSTED SIGNS SHALL BE MAINTAINED SO THAT THEY REMAIN LEGIBLE, SECURELY FASTENED, AND FREE OF SHARP EDGES, PROTRUDING NAILS, OR SIMILAR HAZARDS
5. TEMPORARY FENCING. ALL CONSTRUCTION ACTIVITIES, INCLUDING TEMPORARY AND/OR OVER-NIGHT STORAGE AREAS, SHALL BE ENCLOSED BY FENCES. FENCES SHALL BE AT LEAST EIGHT (8) FT HIGH AND BE OF SUITABLE MATERIAL. FENCES SHALL BE BUILT SOLID FOR THEIR ENTIRE LENGTH, EXCEPT FOR OPENINGS WITH SOLID SIDING OR IN SWINGING GATES AS REQUIRED FOR THE PROPER PROSECUTION OF THE WORK.

**SHEET NO.**  
  
**G-1.5****PROJECT NO.**  
2300794  
**DATE**  
08-02-24  
**REVISION**  
A**SHEET**  
EROSION CONTROL NOTES & DETAILS  
**PROJECT**  
WATERFRONT DEVELOPMENT  
**PREPARED FOR**  
MR. RICHARD NEJAT  
**LOCATED AT**  
32 SHORE CLIFF PLACE  
GREAT NECK, NY**COMPANY****GEI** Consultants  
GEI CONSULTANTS, INC., P.C.  
1000 NEW YORK AVENUE  
SUITE B  
HUNTINGTON STATION, NY 11746  
(631)760-9300**SEAL**



ITEM	STATE	ACTION	SIZE
1. BULKHEAD	EXISTING	REMAIN IN PLACE	120 LF
2. FIXED TIMBER PIER	PROPOSED	INSTALL/CONSTRUCT	8X105-FT=840 SF
3. TIMBER PIER EXTENSION	PROPOSED	INSTALL/CONSTRUCT	(2) 4X21-FT=84 SF
4. ACCESS GANGWAY	PROPOSED	INSTALL/CONSTRUCT	(2) 3X30-FT=90 SF
5. FLOATING DOCK	PROPOSED	INSTALL/CONSTRUCT	(2) 6X30-FT=180 SF
6. 6-PILE BOAT LIFT	PROPOSED	INSTALL/CONSTRUCT	(2) 12X24-FT=288 SF
7. TIMBER ACCESS PLATFORM	PROPOSED	INSTALL/CONSTRUCT	(2) 4X11-FT=44 SF

TABLE A	
DATUM	DISTANCE
MHW	140'-5"
MLW	89'-2"
MLLW	79'-6"



## FACILITY PLAN

SCALE: 1"=30'-0"

### LEGEND:

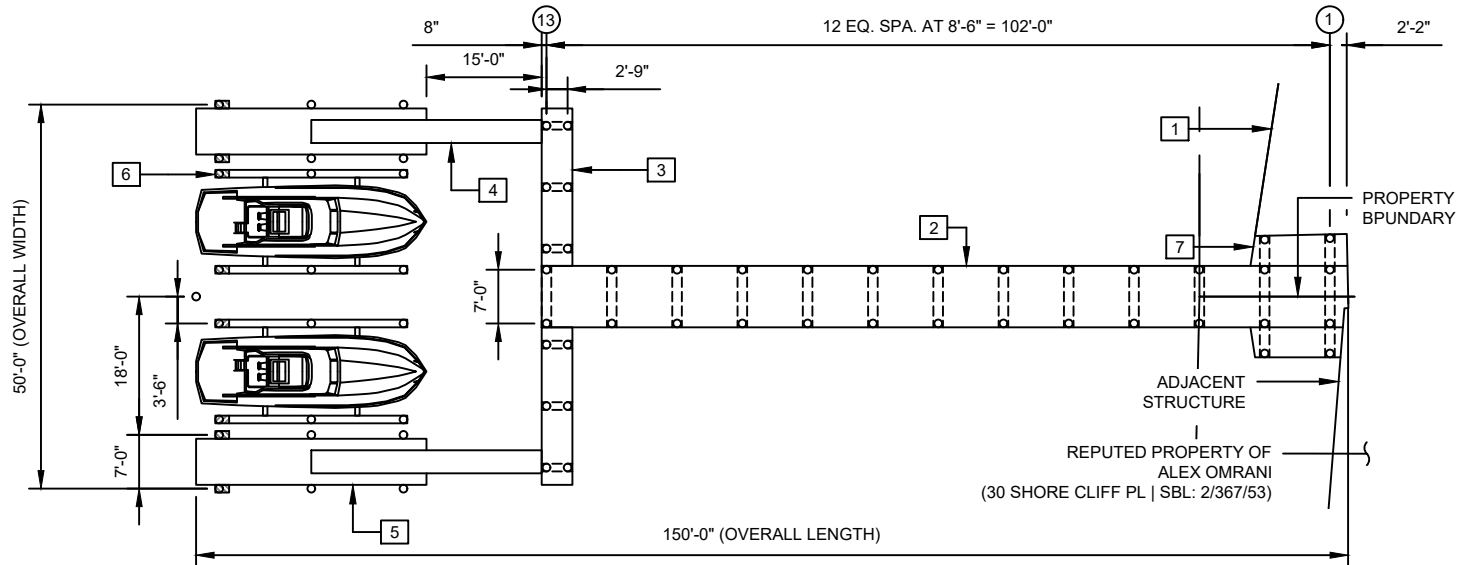
X.X ELEVATIONS (MLLW DATUM)

SHEET NO. <b>G-1.6</b>	PROJECT NO. 2300794	SHEET FACILITY PLAN PROJECT WATERFRONT DEVELOPMENT PREPARED FOR MR. RICHARD NEJAT LOCATED AT 32 SHORE CLIFF PLACE GREAT NECK, NY	COMPANY <b>GEI</b> Consultants GEI CONSULTANTS, INC., P.C. 1000 NEW YORK AVENUE SUITE B HUNTINGTON STATION, NY 11746 (631)760-9300
	DATE 08-02-24		
	REVISION A		

SEAL



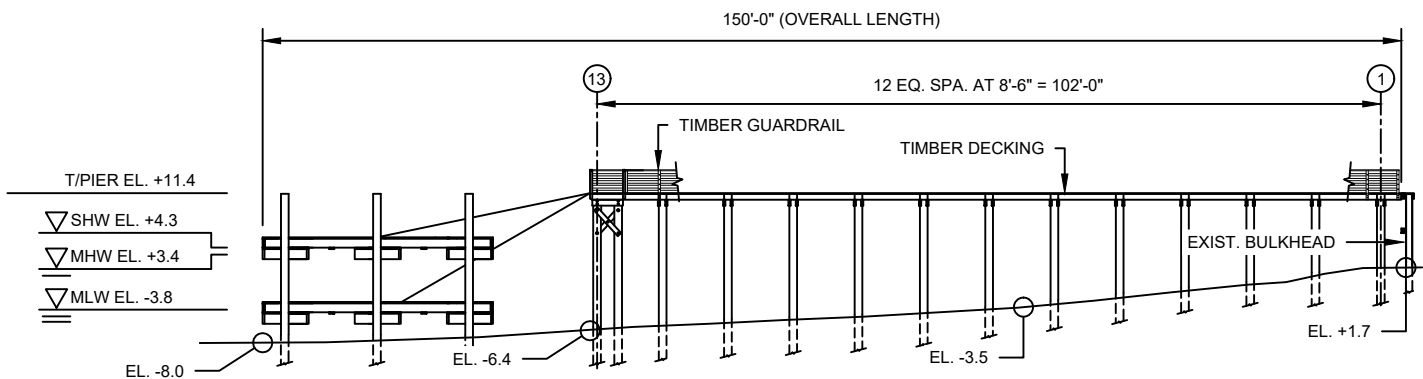
ITEM	STATE	ACTION	SIZE
1. BULKHEAD	EXISTING	REMAIN IN PLACE	120 LF
2. FIXED TIMBER PIER	PROPOSED	INSTALL/CONSTRUCT	8X105-FT=840 SF
3. TIMBER PIER EXTENSION	PROPOSED	INSTALL/CONSTRUCT	(2) 4X21-FT=84 SF
4. ACCESS GANGWAY	PROPOSED	INSTALL/CONSTRUCT	(2) 3X30-FT=90 SF
5. FLOATING DOCK	PROPOSED	INSTALL/CONSTRUCT	(2) 6X30-FT=180 SF
6. 6-PILE BOAT LIFT	PROPOSED	INSTALL/CONSTRUCT	(2) 12X24-FT=288 SF
7. TIMBER ACCESS PLATFORM	PROPOSED	INSTALL/CONSTRUCT	(2) 4X11-FT=44 SF



## PLAN

### PIER ARRANGEMENT

SCALE: 1"=25'-0"



## ELEVATION

### PIER ARRANGEMENT

SCALE: 1"=25'-0"

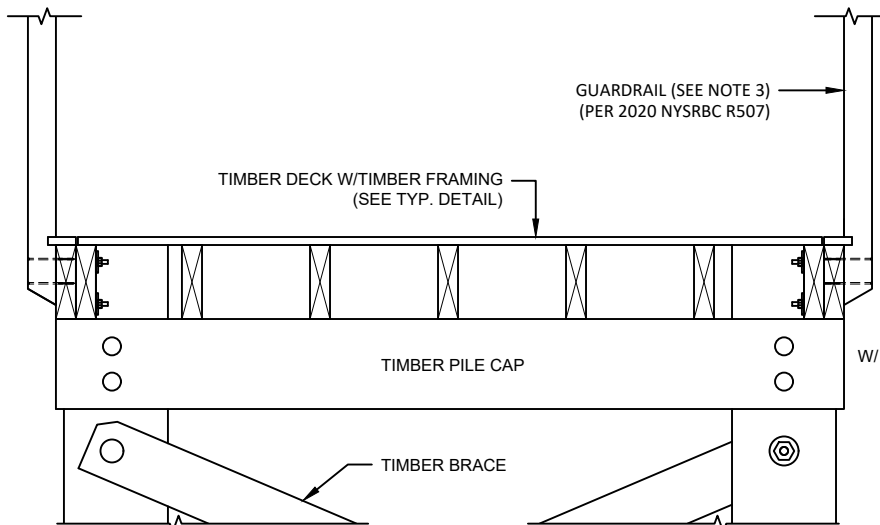
NOTE: BOAT LIFTS NOT SHOWN FOR CLARITY.

ELEVATION VERTICAL DATUM = NAVD 88

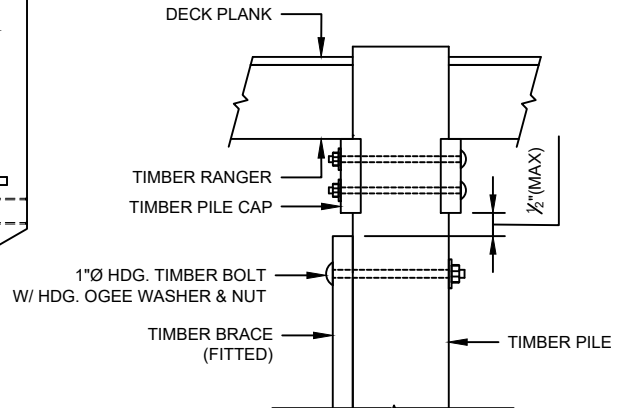


<b>SHEET NO.</b>  <b>G-2.0</b>	<b>PROJECT NO.</b> 2300794	<b>SHEET</b> PIER PLAN & ELEVATION	<b>COMPANY</b>  <b>GEI</b> Consultants GEI CONSULTANTS, INC., P.C. 1000 NEW YORK AVENUE SUITE B HUNTINGTON STATION, NY 11746 (631)760-9300
	<b>DATE</b> 08-02-24	<b>PROJECT</b> WATERFRONT DEVELOPMENT	
	<b>REVISION</b> A	<b>PREPARED FOR</b> MR. RICHARD NEJAT	
		<b>LOCATED AT</b> 32 SHORE CLIFF PLACE GREAT NECK, NY	

SEAL

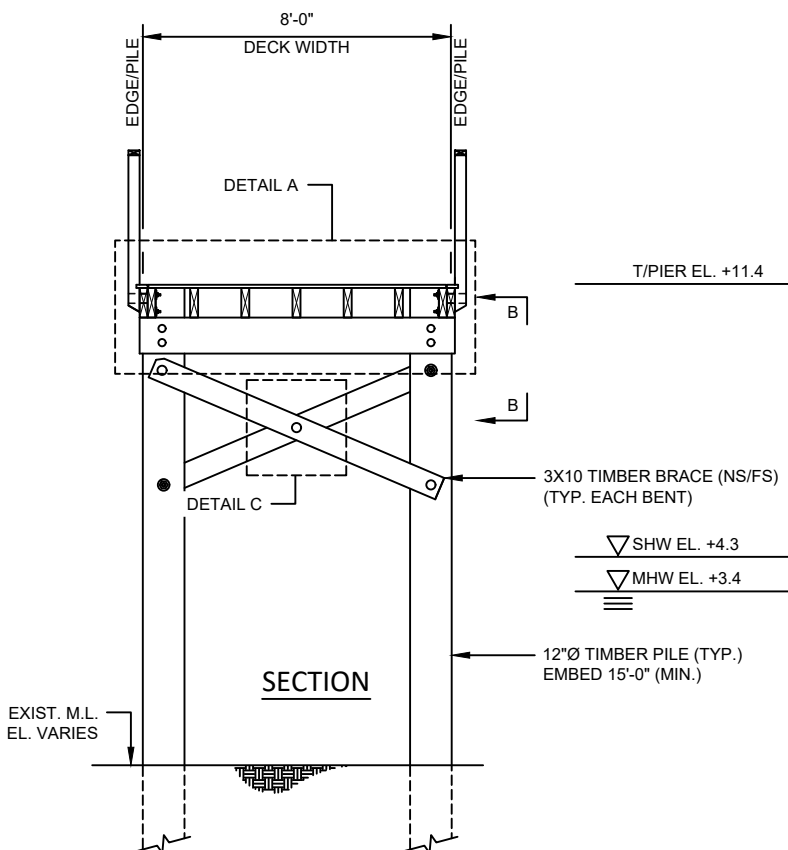


**DETAIL A**

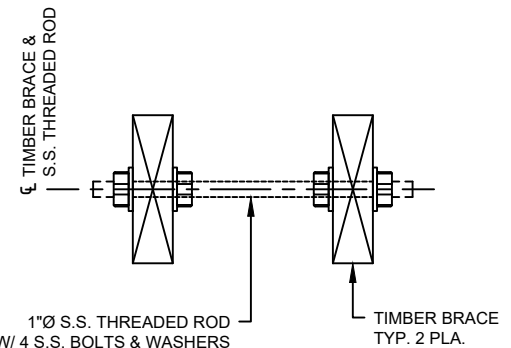


NOTE: CUT T/ BRACE TO BE PARALLEL W/ PILE CAP BTM/EDGE. DO NOT EXTEND BEYOND PILE.

**ELEVATION B**



**SECTION**



**TYP**

**DETAIL  
TIMBER BRACE PIN**

N.T.S.

PIER MEMBER SIZE(S)		
MEMBER	SIZE	MATERIALS
PILE	12"Ø	SYP - STRUCTURAL   TREATMENT 1B
PILE CAP	(2) 4X10	SYP - STRUCTURAL   TREATMENT 2B
STRINGER	3X10	SYP - STRUCTURAL   TREATMENT 2A
RANGER	3X10	SYP - STRUCTURAL   TREATMENT 2A
DECK PLANK	2X6	SYP - STRUCTURAL   TREATMENT 3A
BRACE	3X10	SYP - STRUCTURAL   TREATMENT 2B

NOTE(S):

1. BTM/BRACE SHALL BE LOCATED 1'-0" ABOVE MLW ELEVATION OR 1'-0" ABOVE EXIST. MUDLINE. EXCAVATING MUDLINE TO INSTALL BRACING IS PROHIBITED.
2. OMIT BRACING AT BENTS WHEN EXPOSED PILE BELOW THE PILE CAP IS LESS THEN 3'-0".
3. GUARD REQUIRED ALONG ALL OPEN SIDED WALKING SURFACES EXCEPT ON THE LOADING SIDE OF THE DOCK OR STRUCTURE (NYSBC 1015). ALL GUARDRAILS SHALL CONFORM TO REQUIREMENTS OF 2020 NYSRBC R507.

**TYP**

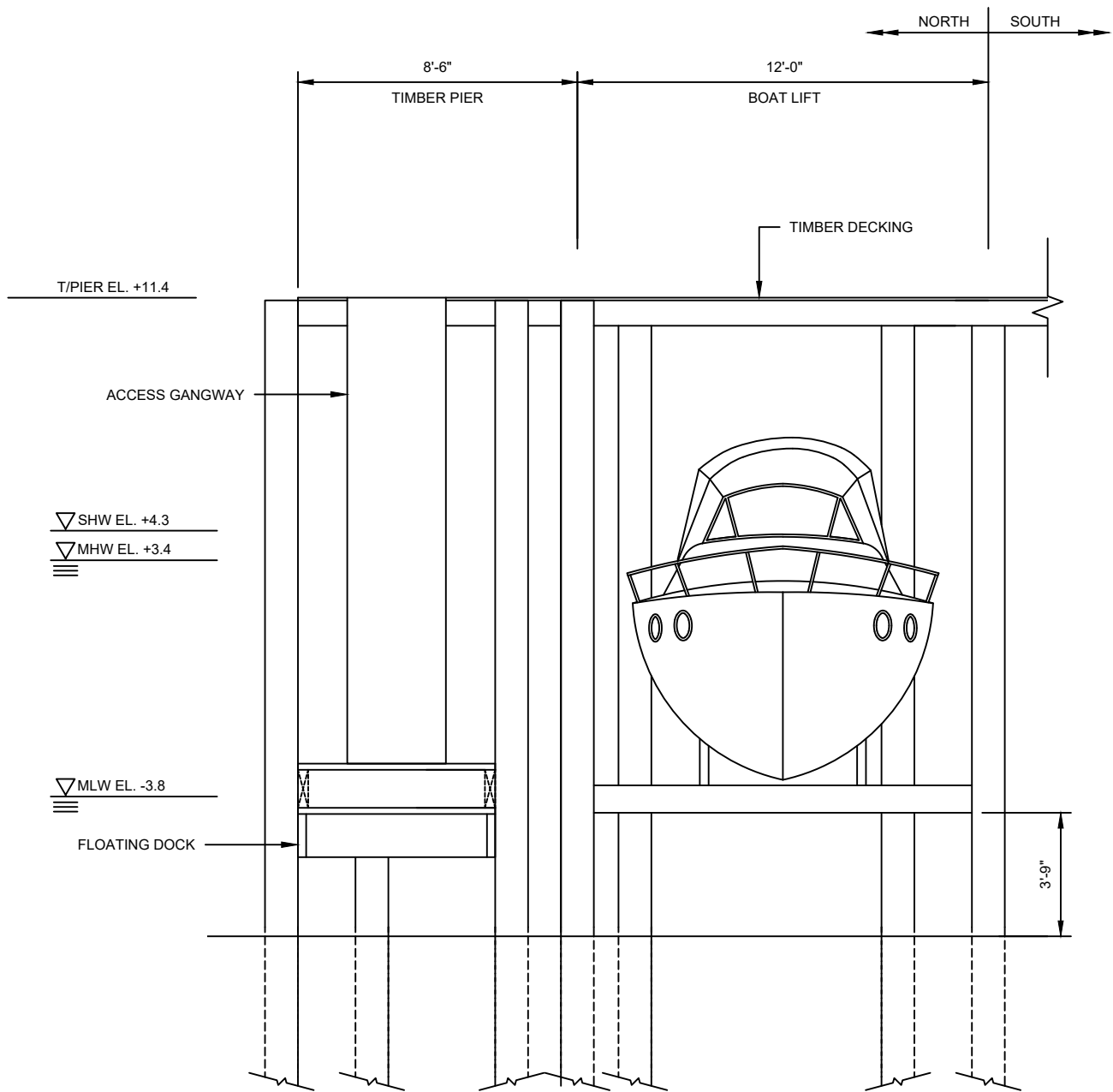
**DETAIL  
SHARED PIER FRAMING DETAILS**

N.T.S.

ELEVATION VERTICAL DATUM = NAVD 88

<b>SHEET NO.</b>  <b>G-2.1</b>	<b>PROJECT NO.</b> 2300794	<b>SHEET</b> SHARED PIER SECTION	<b>COMPANY</b>  <b>GEI</b> Consultants GEI CONSULTANTS, INC., P.C. 1000 NEW YORK AVENUE SUITE B HUNTINGTON STATION, NY 11746 (631)760-9300
	<b>DATE</b> 08-02-24	<b>PROJECT</b> WATERFRONT DEVELOPMENT	
	<b>REVISION</b> A	<b>PREPARED FOR</b> MR. RICHARD NEJAT	
		<b>LOCATED AT</b> 32 SHORE CLIFF PLACE GREAT NECK, NY	

SEAL




**ELEVATION  
BOAT LIFT**

SCALE: 1"=5'-0"

NOTE: NEIGHBORING LIFT AND FLOAT NOT SHOWN.

ELEVATION VERTICAL DATUM = NAVD 88



<b>SHEET NO.</b>  <b>G-2.2</b>	<b>PROJECT NO.</b> 2300794	<b>SHEET</b> BOAT LIFT SECTION	<b>COMPANY</b>  <b>GEI</b> Consultants GEI CONSULTANTS, INC., P.C. 1000 NEW YORK AVENUE SUITE B HUNTINGTON STATION, NY 11746 (631)760-9300
	<b>DATE</b> 08-02-24	<b>PROJECT</b> WATERFRONT DEVELOPMENT	
	<b>REVISION</b> A	<b>PREPARED FOR</b> MR. RICHARD NEJAT	
		<b>LOCATED AT</b> 32 SHORE CLIFF PLACE GREAT NECK, NY	

