

Glenn Goldsmith, President
A. Nicholas Krupski, Vice President
Eric Sepenoski
Liz Gillooly
Elizabeth Peeples



Town Hall Annex
54375 Route 25
P.O. Box 1179
Southold, NY 11971
Telephone (631) 765-1892
Fax (631) 765-6641

Southold Town Board of Trustees Field Inspection Report

Date/Time: 6/3/25 Completed in field by: G. Goldsmith

L.K. McLean Associates on behalf of **AWC DOCKSIDE, LLC** requests a Wetland Permit for Marina improvements consisting of the as-built 6'x98', 6'x218' and 6'x12.10' ($\pm 1,988$ sq.ft.) sections of CCA decking along top of existing southerly bulkhead section; within a 10' wide area in front of existing bulkhead section incidentally dredge ± 140 cubic yards over $\pm 1,600$ sq.ft. area to a max. depth of 6' below Mean Low Water (EL. -8.86) to reclaim soil lost from behind existing deteriorated bulkhead; excavate $\pm 2,015$ cubic yards of material over an area of 4,030sq.ft. between existing and proposed bulkheading to elevation -8.86 max (6' below Mean Low Water) with unsuitable material to be removed from site; remove ± 160 linear feet of existing bulkhead and install new ± 161 linear feet of vinyl bulkhead varying $\pm 15'$ to $\pm 32'$ landward of existing bulkhead location and $\pm 1.8'$ higher than existing bulkhead; install a 22.3' north vinyl return and a 14' south vinyl return; construct a 26' long vinyl slotted breakwater off north end of bulkhead; create nine (9) 15'x35' slips by installing 10 new mooring piles and 10 new guide piles; install a 4'x40' gangway, one (1) 8'x53' and one (1) 6'x102' floating dock parallel to new bulkhead and install five (5) 4'x30' floating finger docks off of 6' and 8' wide floating docks; spread dredge spoil and raise grade in area landward of new and portion of existing bulkhead approximately 4" higher (± 140 cubic yards over an area of 12,200sq.ft.); in an area around existing concrete slab, spread excess fill taken from area landward of bulkhead and raise grade approximately 18" (± 230 cubic yards over an area of 4,140sq.ft.); a proposed pump-out truck with 1,000gal. capacity with potable water washout; and with the use of a turbidity curtain during construction. Located: 5505 West Mill Road, Mattituck. SCTM# 1000-106-6-1

Type of area to be impacted:

☒ Saltwater Wetland ☐ Freshwater Wetland ☒ Sound ☐ Bay

Part of Town Code proposed work falls under: ☒ Chapt. 275 ☐ Chapt. 111 ☐ other

Type of Application: ☒ Wetland ☐ Coastal Erosion ☐ Amendment
☐ Administrative ☐ Emergency ☐ Pre-Submission ☐ Violation

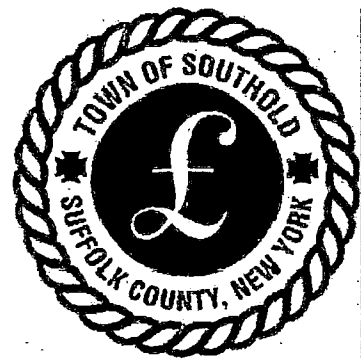
Notice of Hearing card posted on property: ☐ Yes ☐ No ☐ Not Applicable

Info needed/Modifications/Conditions/Etc.: _____

Bulkhead going landward
Straight forward

Present Were: ☒ G. Goldsmith ☒ N. Krupski ☒ E. Sepenoski
☒ L. Gillooly ☒ E. Peeples

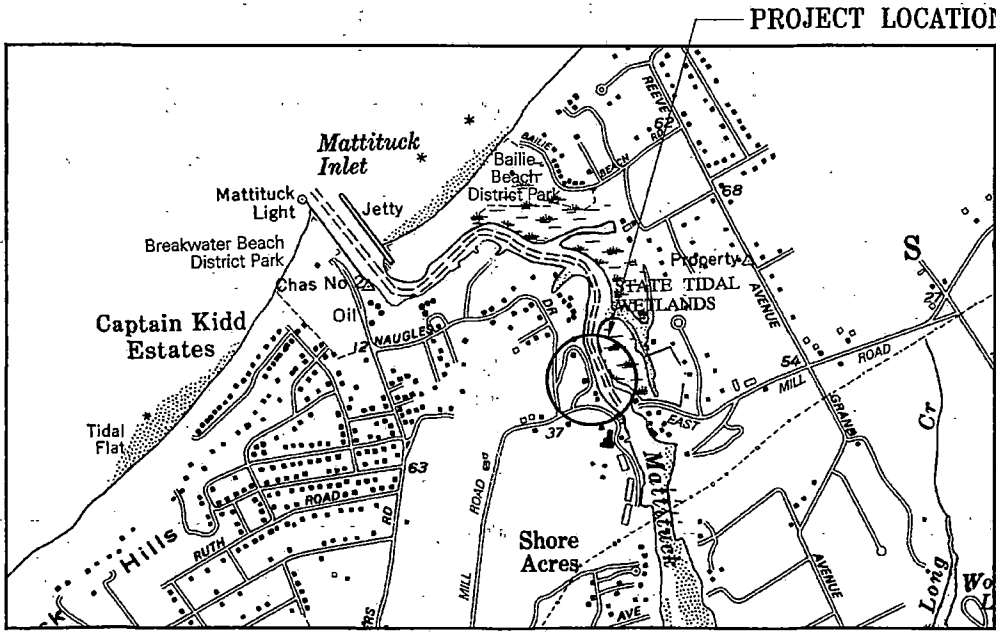
TOWN OF SOUTHOLD
SUFFOLK COUNTY, NEW YORK



PERMIT PLANS FOR
5505 W. MILL ROAD MARINA IMPROVEMENTS
MATTITUCK, SUFFOLK COUNTY, N.Y.

MAY, 2025

INDEX	
SHEET NO.	DESCRIPTION
1	TITLE SHEET, INDEX, & LOCATION MAP
2	EXISTING CONDITIONS PLAN
3	SOIL BORING PLAN
4	GENERAL PLAN
5	TYPICAL SECTIONS - 1
6	TYPICAL SECTIONS - 2
7	EROSION AND SEDIMENT CONTROL DETAILS



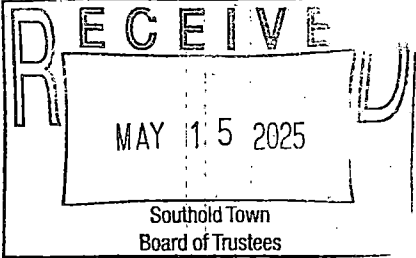
THIS PROJECT IS LOCATED IN MATTITUCK, NEW YORK ALONG THE
WESTERN SIDE OF THE MATTITUCK INLET.

LOCATION MAP
1"=1,000'

CONSTRUCTION COMPLETED:

CONSTRUCTION ENGINEER

DATE:



PREPARED AND
RECOMMENDED BY: **LKMA** L. K. McLEAN ASSOCIATES, D.P.C.
437 SOUTH COUNTRY RD. BROOKHAVEN, NY 11719

Robert A. Steele
ROBERT A. STEELE, P.E. - NYSPE Lic. No. 077397

DATE: 5/14/25



THE EDUCATION LAW OF THE STATE OF NEW YORK PROHIBITS
ANY PERSON FROM ALTERING ANYTHING ON THE DRAWINGS
AND/OR THE ACCOMPANYING SPECIFICATIONS, UNLESS IT'S UNDER
THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, WHERE
SUCH ALTERATIONS ARE MADE, THE PROFESSIONAL ENGINEER
MUST SIGN, SEAL, DATE AND DESCRIBE THE FULL EXTENT OF
THE ALTERATION ON THE DRAWING AND/OR IN THE SPECIFICATION
(NYS ED. LAW SECTION 7209-2).

SOIL BORING B-1

Depth	Blows Per (6") Inches	Unified Soil Classification and NYC BC Class	N-Value	Soil Sample Description	TB # B-1
0 - 2 FEET BLG	7-5-7-9	Misc.	N/A	Brown Fine Sand	Sample 1
2 - 4 FEET BLG	7-9-6-5	SP	15	Brown Fine Sand	Sample 2
4 - 6 FEET BLG	2-2-3-4	SP	5	Brown Fine Sand w/ Some Gravel	Sample 3
6 - 8 FEET BLG	3-3-3-4	SP	6	Brown Fine Sand w/ Gravel	Sample 4
8-10 FEET BLG	3-3-5-6	SP	8	Brown Fine Sand w/ Gravel	Sample 5
15-17 FEET BLG	4-1-2-2	SP	3	Brown Fine Sand w/ Gravel	Sample 6
20-22 FEET BLG	4-4-5-6	SP	9	Brown Fine Sand w/ Gravel	Sample 7
25-27 FEET BLG	5-3-4-7	SP	7	Brown Fine Sand w/ Gravel	Sample 8
30-31 FEET BLG	8-10-13-21	SP	23	Brown Fine Sand w/ Gravel	Sample 9

End of Boring: -32'

Groundwater Encountered at: -4.7

SOIL BORING B-2

Depth	Blows Per (6") Inches	Unified Soil Classification and NYC BC Class	N-Value	Soil Sample Description	TB # B-2
0 - 2 FEET BLG	H/A	Misc.	N/A	Brown Fine Sand w/ Gravel	Sample 1
2 - 4 FEET BLG	H/A	SP	N/A	Brown Fine Sand w/ Gravel	Sample 2
4 - 6 FEET BLG	2-2-1-2	SP	3	Brown Fine Sand w/ Gravel	Sample 3
6 - 8 FEET BLG	1-1-WOH-1	SP	1	Brown Fine Sand	Sample 4
8-10 FEET BLG	WOH-2-1-2	SP	3	Brown Fine Sand w/ Some Gravel	Sample 5
10-12 FEET BLG	3-1-1-2	SP	2	Brown Fine Sand w/ Gravel	Sample 6
15-17 FEET BLG	3-3-4-6	SP	7	Brown Fine Sand w/ Gravel	Sample 7
20-22 FEET BLG	6-7-7-7	SP	14	Brown Fine Sand w/ Gravel	Sample 8
25-27 FEET BLG	12-8-8-6	SP	16	Brown Fine Sand w/ Gravel	Sample 9
30-32 FEET BLG	9-5-6-7	SP	11	Brown Fine Sand w/ Gravel	Sample 10

End of Boring: -32'


Groundwater Encountered at: -4.5

NOTES:

1. SOIL BORING LOCATIONS ON PLAN ARE APPROXIMATE.



LEGEND:

 SOIL BORING LOCATION

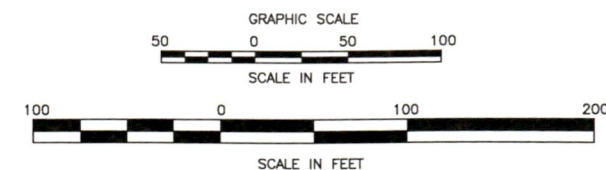
PERMIT PLANS

DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
TOWN OF SOUTHOLD SUFFOLK COUNTY, NEW YORK			
5505 W. MILL ROAD MARINA IMPROVEMENTS			
SOIL BORING PLAN			
L. K. McLEAN ASSOCIATES, D.P.C. ENGINEERS & SURVEYORS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
Designed By:	KJM	Scale:	AS SHOWN
Drawn By:	RAC	Date:	MAY 2025
Approved By:	RAS	File No.	23103.000
			Sheet No. 2 OF 7



PLAN

SCALE 1"=50' (22" x 34")
SCALE 1"=100' (11" x 17")

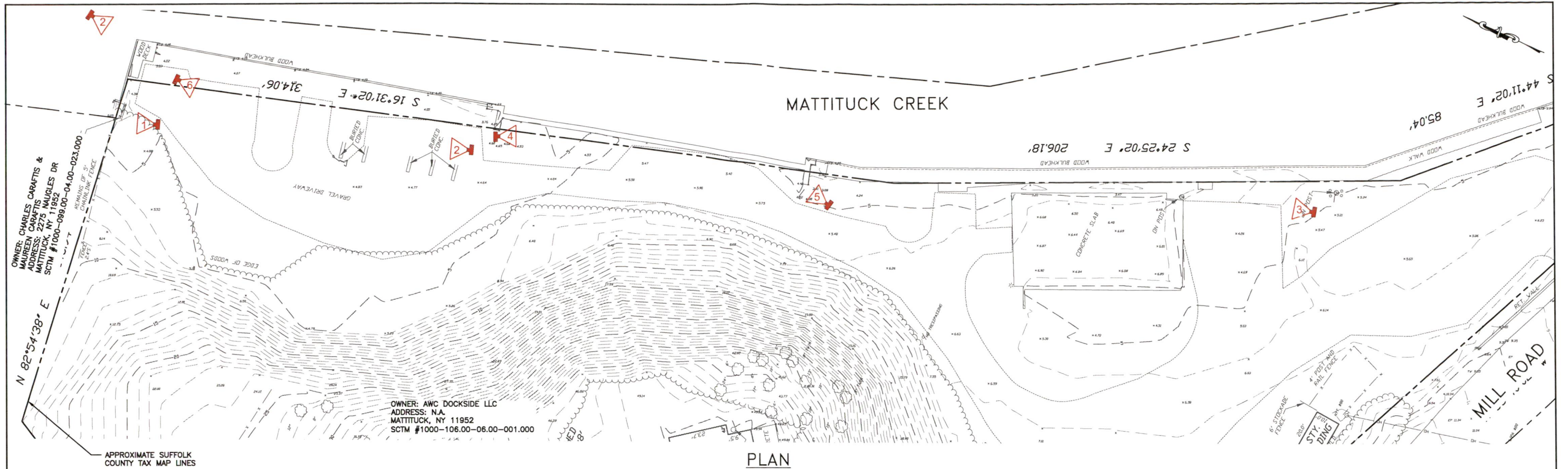


PROJECT DESCRIPTION:
INSTALL ±160 LF OF VINYL BULKHEAD, 26'-0" OF VINYL BREAKWATER, ±1,645 SF OF FLOATING DOCKS FOR MARINA, AND ±1,998 SF OF TIMBER DECKING. EXCAVATE ±1,670 CY BETWEEN EXISTING AND PROPOSED BULKHEADS, CREATING ±3,340 SF OF UNDERWATER LAND. INCIDENTALLY DREDGE ±140 CY OVER AN AREA OF ±1,600 SF TO RETRIEVE SOIL WHICH WAS LOST FROM BEHIND THE BULKHEAD.

ADJACENT WATER BODY:
MATTITUCK CREEK

NOTES:
1. BEARINGS AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE.
2. ELEVATIONS SHOWN HEREON REFERENCE NAVD 1988.

May 12, 2025 - 03:25pm
P:\23103.000 Mattituck Cottages Hotel\Civil dwg\Contract Drawings\Existing Conditions Plan.dwg



PLAN
SCALE 1"=20' (22" x 34")
SCALE 1"=40' (11" x 17")



PHOTO 1

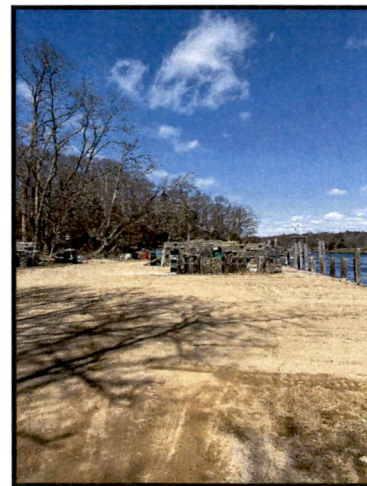


PHOTO 2

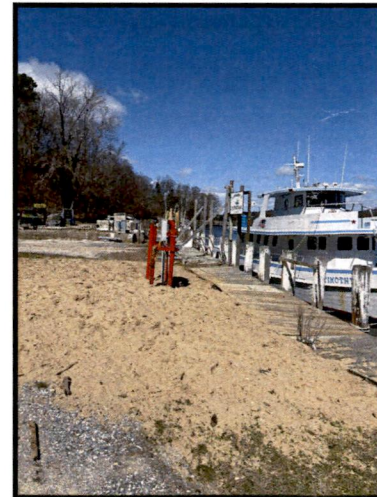


PHOTO 3



PHOTO 4



PHOTO 5

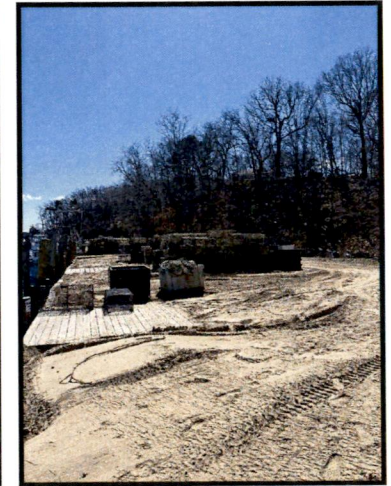


PHOTO 6

LEGEND

DESCRIPTION

PHOTOGRAPH LOCATION WITH DIRECTION
TAKEN AND PHOTO ID #

APPROXIMATE SUFFOLK COUNTY
TAX MAP LINES

SUFFOLK COUNTY TAX MAP #
(DISTRICT-SECTION-BLOCK-LOT)

SYMBOL



SCTM# 100-183-01-85



GRAPHIC SCALE
20 0 20 40
SCALE IN FEET (22"x34")

PERMIT PLANS

DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
LKMA			
TOWN OF SOUTHOLD SUFFOLK COUNTY, NEW YORK 5505 W. MILL ROAD MARINA IMPROVEMENTS			
EXISTING CONDITIONS PLAN			
L. K. McLEAN ASSOCIATES, D.P.C. ENGINEERS & SURVEYORS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
Designed By:	KJM	Scale:	AS SHOWN
Drawn By:	RAC	Date:	MAY 2025
Approved By:	RAS	File No.	23103.000
			Sheet No. 3 OF 7

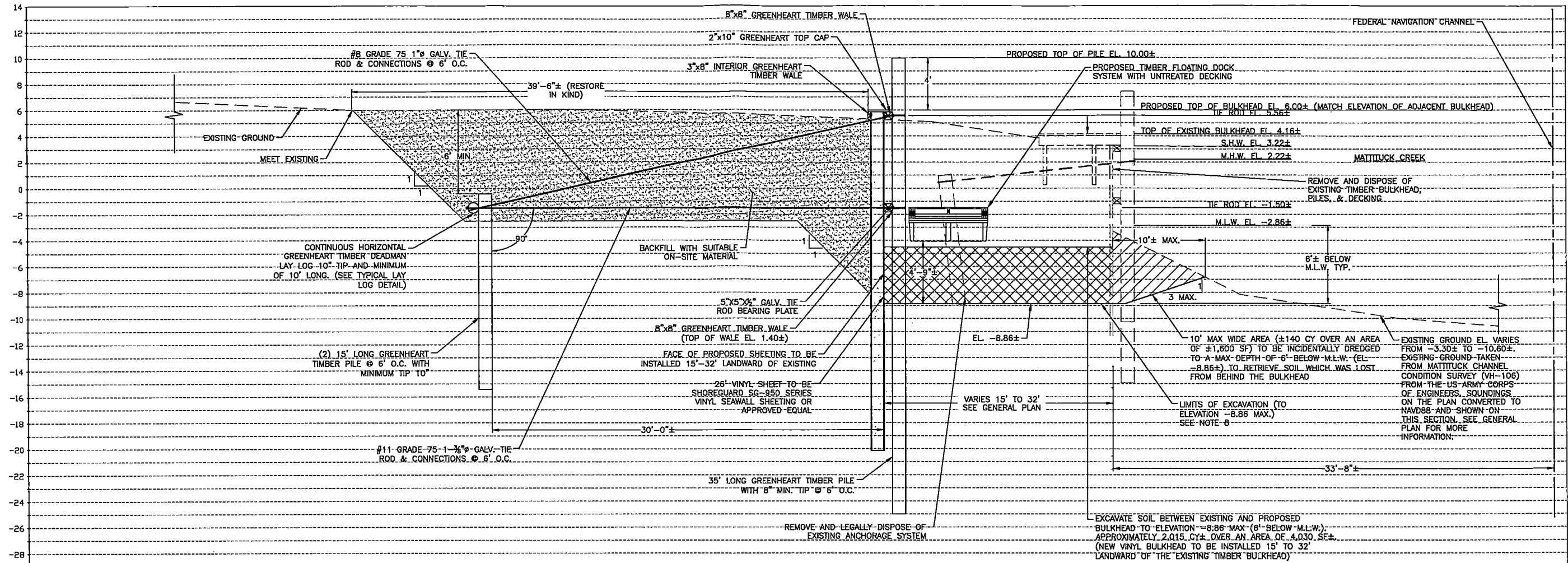
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ADJACENT WATER BODY:
MATTITUCK CREEK

NOTES:

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May 12, 2025 - 03:25pm
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SECTION A-A
SG-950 VINYL BULKHEAD (INSTALLED 15' TO 32'
LANDWARD OF EXISTING TIMBER BULKHEAD)

SCALE 1"=4' (22"x34")
SCALE 1"=8' (11"x17")

NOTES:

- ALL PROPOSED SHEETING SHALL BE INSTALLED TO THE SPECIFIED LENGTHS UNLESS OTHERWISE APPROVED BY ENGINEER.
- ALL HARDWARE SHALL BE HOT DIPPED GALVANIZED.
- FIRST 18" OF SEAWARD END OF TIE ROD SHALL BE COATED WITH COAL TAR EPOXY.
- CONTRACTOR SHALL VERIFY LOCATION OF ADJACENT PROPERTY LINE PRIOR TO INSTALLING NEW SHEETING.
- ALL DEBRIS SHALL BE REMOVED AND DISPOSED OF AT A NYSDEC APPROVED UPLAND FACILITY.
- SIZE AND LOCATION OF EXISTING ANCHORAGE SYSTEM IS UNKNOWN. CONTRACTOR SHALL FIELD VERIFY.
- DREDGE MATERIAL SHALL BE PLACED ON ADJACENT LAND TO RAISE EXISTING ADJACENT AREA. CONTRACTOR SHALL DREDGE A.O.B.E. TO A MAX ELEVATION OF -8.86± TO PROVIDE ADEQUATE DEPTH FOR PROPOSED FLOATING DOCKS.
- SECTION A-A: INSTALL 181± LF OF NEW SHOREGUARD SG-950 VINYL SHEETING WHERE SHOWN ON PLAN. TOP OF PROPOSED BULKHEAD SHALL BE INSTALLED A MAXIMUM OF 1.8' HIGHER THAN EXISTING. THE NEW BULKHEAD IS PROPOSED TO BE INSTALLED 15' TO 32' LANDWARD OF EXISTING. APPROXIMATELY 2,015 CY OF MATERIAL OVER AN AREA OF APPROXIMATELY 4,030 SF SHALL BE REMOVED FROM THE AREA BETWEEN EXISTING AND PROPOSED BULKHEADS. APPROXIMATELY 140 CY OVER AN AREA OF 1,600 SF SHALL BE INCIDENTALLY DREDGED TO RETRIEVE SOIL WHICH WAS LOST FROM BEHIND THE BULKHEAD. THE DREDGED MATERIAL AND SOIL REMOVED LANDWARD OF THE BULKHEAD SHALL NOT BE COMBINED OR MIXED. ±140 CY OF DREDGE SPOILS OVER AN AREA OF APPROXIMATELY 12,535 SF SHALL BE SPREAD LANDWARD OF THE PROPOSED BULKHEAD WHERE SHOWN ON THE PLAN & REMAIN ON SITE. THE PROPOSED GRADES SHALL BE RAISED BY APPROXIMATELY 4", ±230 CY OF THE ±1,670 CY OF SOIL REMOVED LANDWARD OF THE BULKHEAD SHALL BE SPREAD WHERE SHOWN ON THE PLAN OVER AN AREA OF 4,140 SF TO A DEPTH OF APPROXIMATELY 18". THE EXCESS MATERIAL OF APPROXIMATELY 1,645 CY WILL BE REMOVED AND LEGALLY DISPOSED OF AT A NYSDEC APPROVED UPLAND FACILITY.
- SECTION B-B: INSTALL NEW 2"x8" CCA TREATED TIMBER DECKING WHERE SHOWN ON PLAN. EXISTING BULKHEAD, ANCHORAGE SYSTEM, AND PILES TO REMAIN.

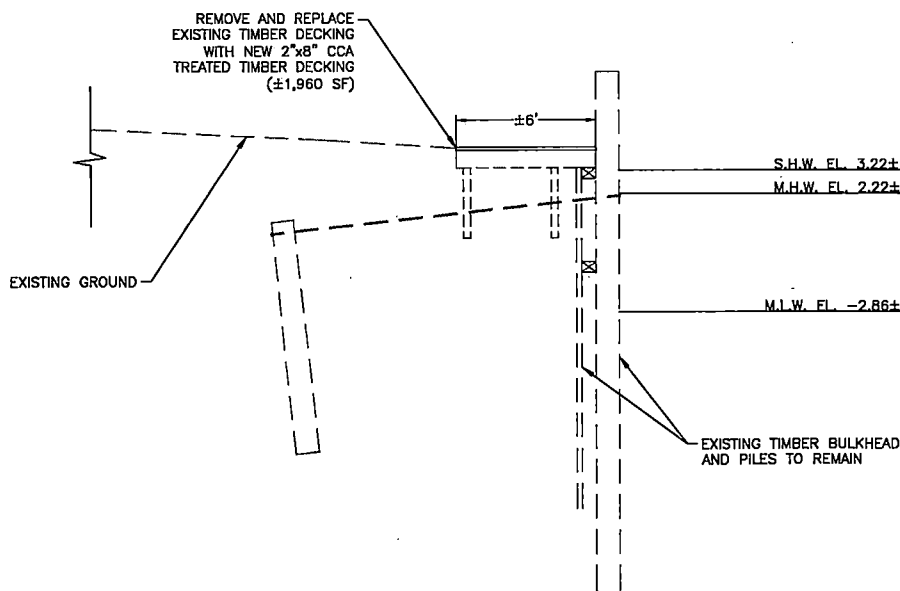
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INSTALL ±160 LF OF VINYL BULKHEAD, 26'-0" OF VINYL BREAKWATER, ±1,645 SF OF FLOATING DOCKS FOR MARINA, AND ±1,998 SF OF TIMBER DECKING. EXCAVATE ±1,670 CY BETWEEN EXISTING AND PROPOSED BULKHEADS, CREATING ±3,340 SF OF UNDERWATER LAND. INCIDENTALLY DREDGE ±140 CY OVER AN AREA OF ±1,600 SF TO RETRIEVE SOIL WHICH WAS LOST FROM BEHIND THE BULKHEAD.

ADJACENT WATER BODY:
MATTITUCK CREEK

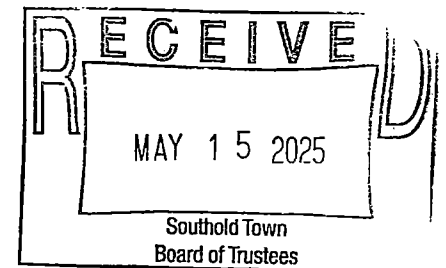
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SECTION B-B
REPLACE TIMBER DECKING (1,960 SF)

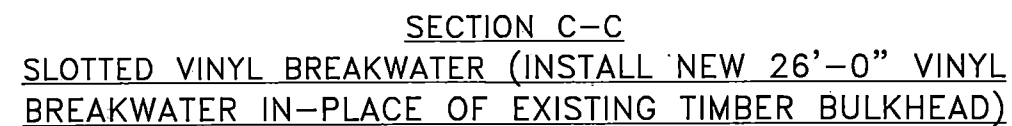
SCALE 1"=4' (22"x34")
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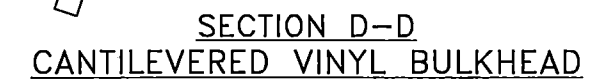
PERMIT PLANS

DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
TOWN OF SOUTHOLD SUFFOLK COUNTY, NEW YORK			
5505 W. MILL ROAD MARINA IMPROVEMENTS			
TYPICAL SECTIONS - 1			
L. K. McLEAN ASSOCIATES, D.P.C. ENGINEERS & SURVEYORS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
Designed By:	KJM	Scale: AS SHOWN	Sheet No.
Drawn By:	RAC	Date: MAY 2025	5 OF 7
Approved By:	RAS	File No. 23103.000	


1. SECTION C-C: INSTALL NEW 26'-0" VINYL BREAKWATER IN-PLACE OF EXISTING TIMBER BULKHEAD.



PROJECT DESCRIPTION:
INSTALL ±160 LF OF VINYL BULKHEAD, 26'-0" OF VINYL BREAKWATER, ±1,645 SF OF FLOATING DOCKS FOR MARINA, AND ±1,998 SF OF TIMBER DECKING. EXCAVATE ±1,670 CY BETWEEN EXISTING AND PROPOSED BULKHEADS, CREATING ±3,340 SF OF UNDERWATER LAND. INCIDENTALLY DREDGE ±140 CY OVER AN AREA OF ±1,600 SF TO RETRIEVE SOIL WHICH WAS LOST FROM BEHIND THE BULKHEAD.

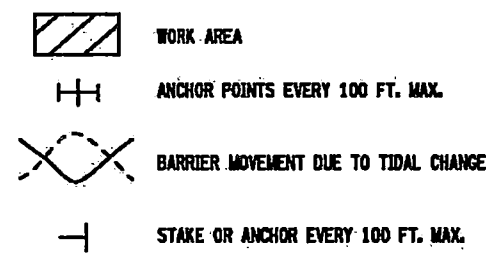
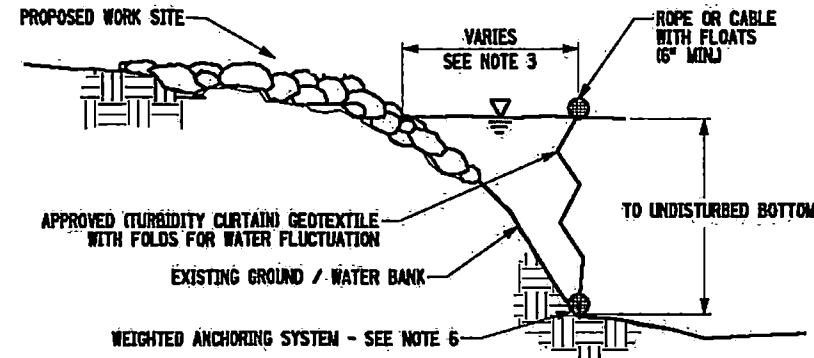
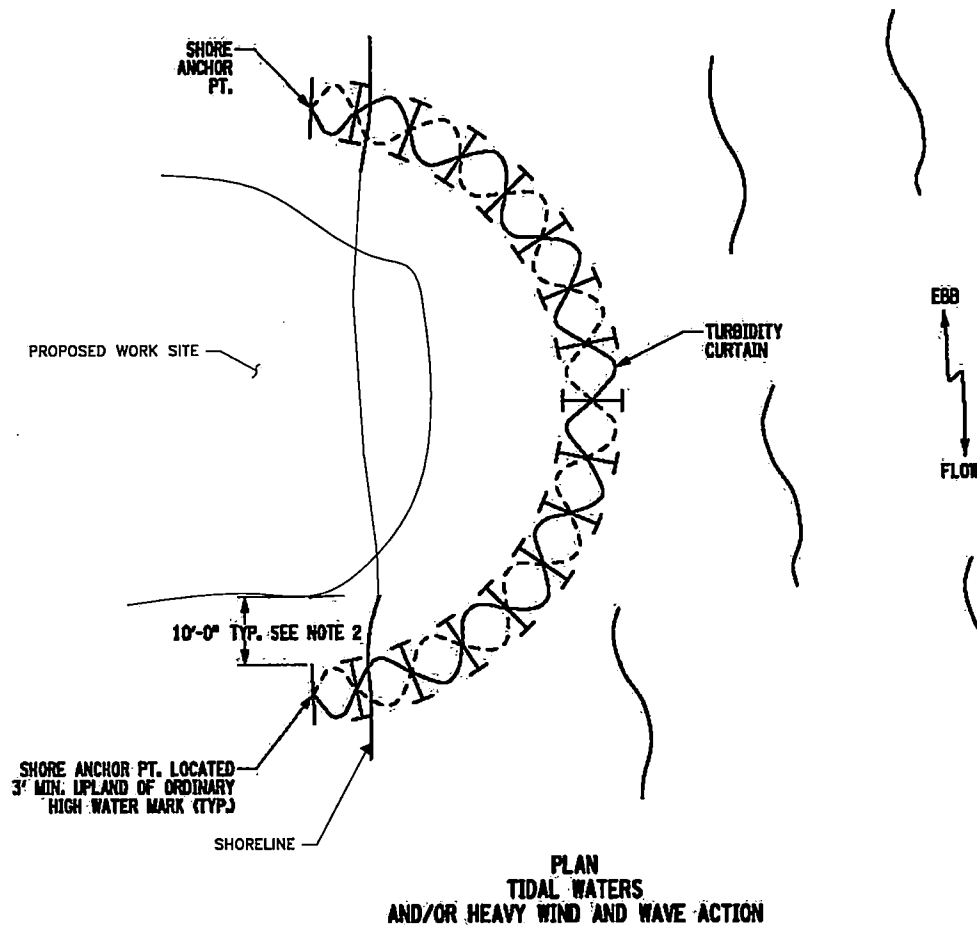


PERMIT PLANS

DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
		TOWN OF SOUTHOLED	
		SUFFOLK COUNTY, NEW YORK	
		5505 W. MILL ROAD	
		MARINA IMPROVEMENTS	
		TYPICAL SECTIONS - 2	
		L. K. MCLEAN ASSOCIATES, D.P.C.	
		ENGINEERS & SURVEYORS 457 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719	
Designed By: KJM		Scale: AS SHOWN	Sheet No. 6 OF 7
Drawn By: RAC		Date: MAY 2025	
Approved By: RAS		File No. 23103.000	

May 12, 2025 - 03:25pm
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May 12, 2025 -- 03:26pm
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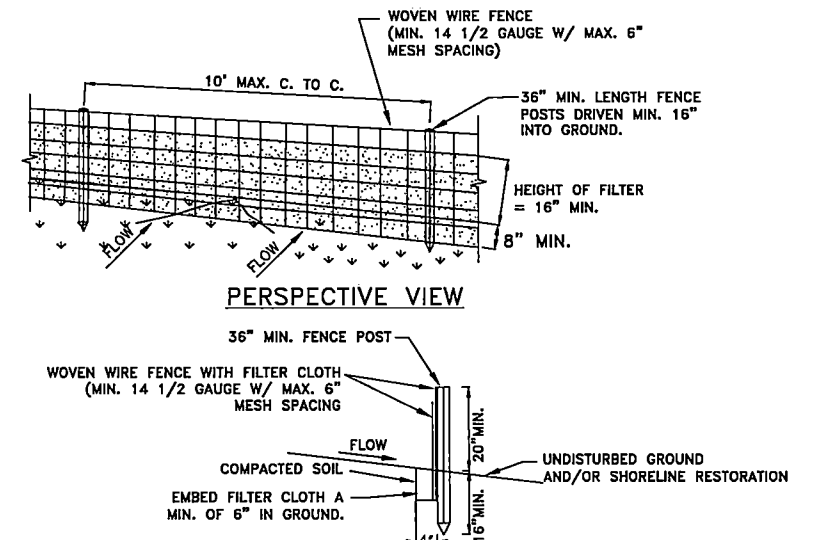
TURBIDITY CURTAIN DETAILS
N.T.S.

APPLICATION NOTES FOR TURBIDITY CURTAIN:

- THE PURPOSE OF A TURBIDITY CURTAIN IS TO SEPARATE WORK AREAS IN OR ADJACENT TO WATERWAYS, TO PREVENT TURBIDITY FROM ENTERING THE WATERWAY.
- TURBIDITY CURTAIN SHALL NOT BE PLACED ACROSS A FLOWING WATERWAY.
- CONCENTRATED FLOW OUTLETS SUCH AS CULVERT OUTLETS, DITCHES, ETC. SHALL NOT BE LOCATED BEHIND THE TURBIDITY CURTAIN.

GENERAL NOTES FOR TURBIDITY CURTAIN:

- THE DETAIL DEPICTS WORK AT A PROJECT LOCATION, AND TURBIDITY CURTAIN MAY BE APPLIED AT OTHER LOCATIONS.
- TURBIDITY CURTAIN SHALL BE A MAXIMUM OF 100' LONG FOR EACH SECTION OF CURTAIN REQUIRED. END SECTIONS SHALL TERMINATE 10' BEYOND THE LIMIT OF DISTURBANCE.
- THE TURBIDITY CURTAIN SHALL BE PLACED AS CLOSE TO THE WORK AS POSSIBLE WITHOUT INTERFERING WITH CONSTRUCTION OPERATIONS.
- THE CONTRACTOR SHALL CONTINUALLY MONITOR THE INSTALLATION, TAKING INTO ACCOUNT WEATHER PATTERNS AND PREVAILING WIND DIRECTIONS THAT MAY AFFECT WATER LEVELS, VELOCITY AND MOVEMENT OF THE TURBIDITY CURTAIN. REMOVE THE TURBIDITY CURTAIN 72 HOURS AFTER THE LAST ACTIVE CONSTRUCTION ACTIVITY, WHERE EROSION/EXCAVATION HAS BEEN STOPPED. NO ADDITIONAL COST WILL BE PAID FOR THE RE-INSTALLATION. IF THE CONTRACTOR DECIDES TO LEAVE THE TURBIDITY CURTAIN IN PLACE DURING STORMS, FREEZING WEATHER OR EXTREME WEATHER PERIODS HE SHALL HAVE A PERSON ON SITE TO MONITOR THE INTEGRITY AND FUNCTION ABILITY OF THE CURTAIN.
- THE TURBIDITY CURTAIN SHALL BE REMOVED BY PULLING TOWARD THE SHORE TO MINIMIZE THE ESCAPE OF SEDIMENTS INTO THE WATERWAY.
- THE WEIGHTED ANCHOR SYSTEM SHALL BE A TYPE THAT ALLOWS THE CURTAIN TO CONFORM TO THE CONTOUR OF THE BOTTOM OF THE WATERWAY.
- FOR FLOW VELOCITIES > 5 FT/SEC, USE A REDIRECTION BARRIER SUCH THAT THE FLOW EXPANDING AT 20' FROM THE BARRIER WILL REACH THE CURTAIN AT A POINT WHERE THE CURTAIN IS ESSENTIAL TO STREAM FLOW.
- ALL TURBIDITY CURTAINS SHALL BE INSTALLED AS PER THE MANUFACTURER'S RECOMMENDATIONS AND AS DIRECTED BY THE ENGINEER.

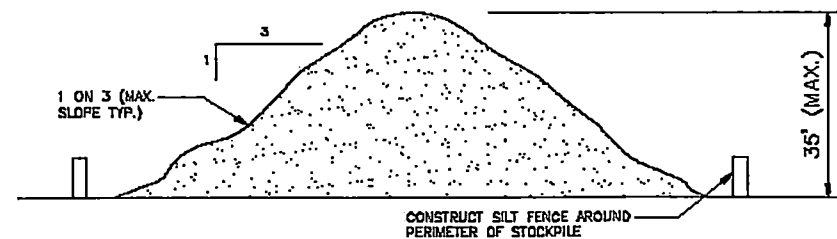


SECTION VIEW

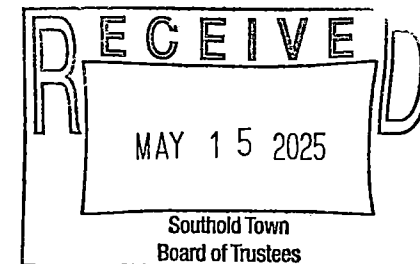
CONSTRUCTION SPECIFICATIONS:

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
- FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFL 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
- PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

TEMPORARY SILT FENCE DETAIL
N.T.S.



TEMPORARY SOIL STOCKPILE DETAIL
N.T.S.



PERMIT PLANS

DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
TOWN OF SOUTHOLD SUFFOLK COUNTY, NEW YORK			
5505 W. MILL ROAD MARINA IMPROVEMENTS			
EROSION AND SEDIMENT CONTROL DETAILS			
L. K. McLEAN ASSOCIATES, D.P.C. ENGINEERS & SURVEYORS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
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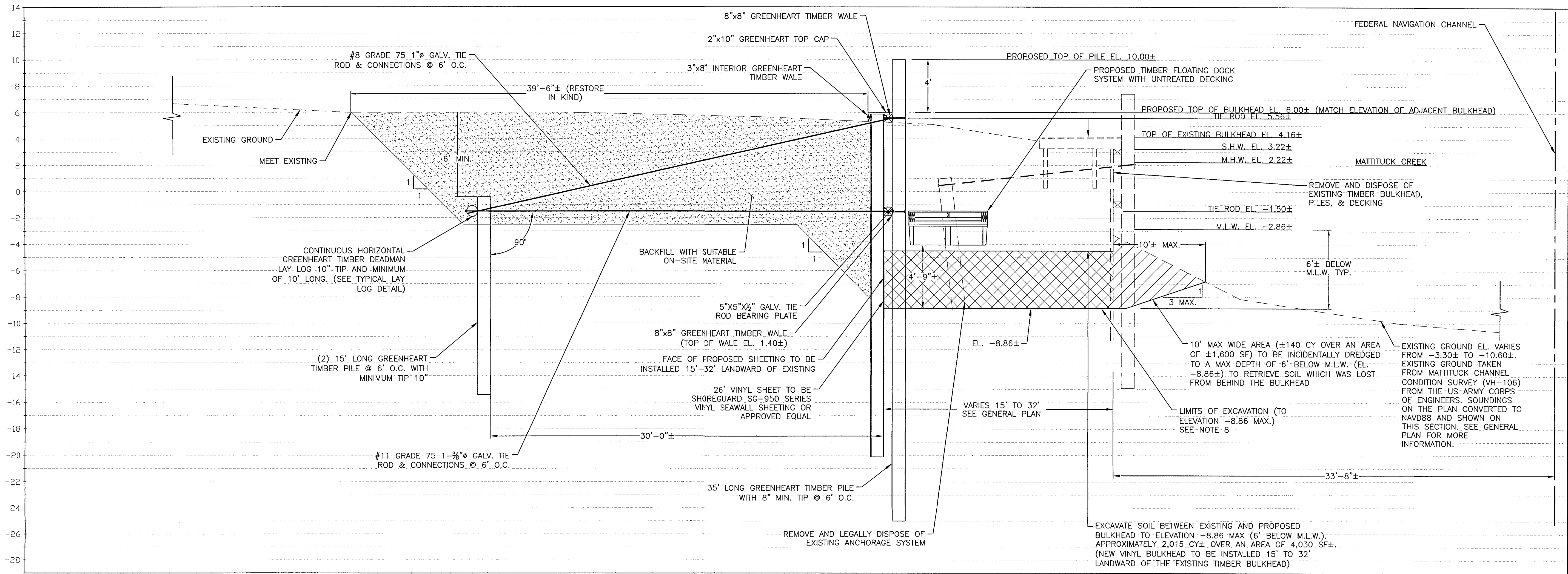
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ADJACENT WATER BODY:
MATTITUCK CREEK

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2. ELEVATIONS SHOWN HEREON REFERENCE NAVD 1988.



May 19, 2025 - 08:01am
P:\23\03.000 Mattituck Cottages Hotel\Civil dwg\Contract Drawings\Miscellaneous Details.dwg



SECTION A-A
SG-950 VINYL BULKHEAD (INSTALLED 15' TO 32'
LANDWARD OF EXISTING TIMBER BULKHEAD)

SCALE 1"=4' (22"x34")
SCALE 1"=8' (11"x17")

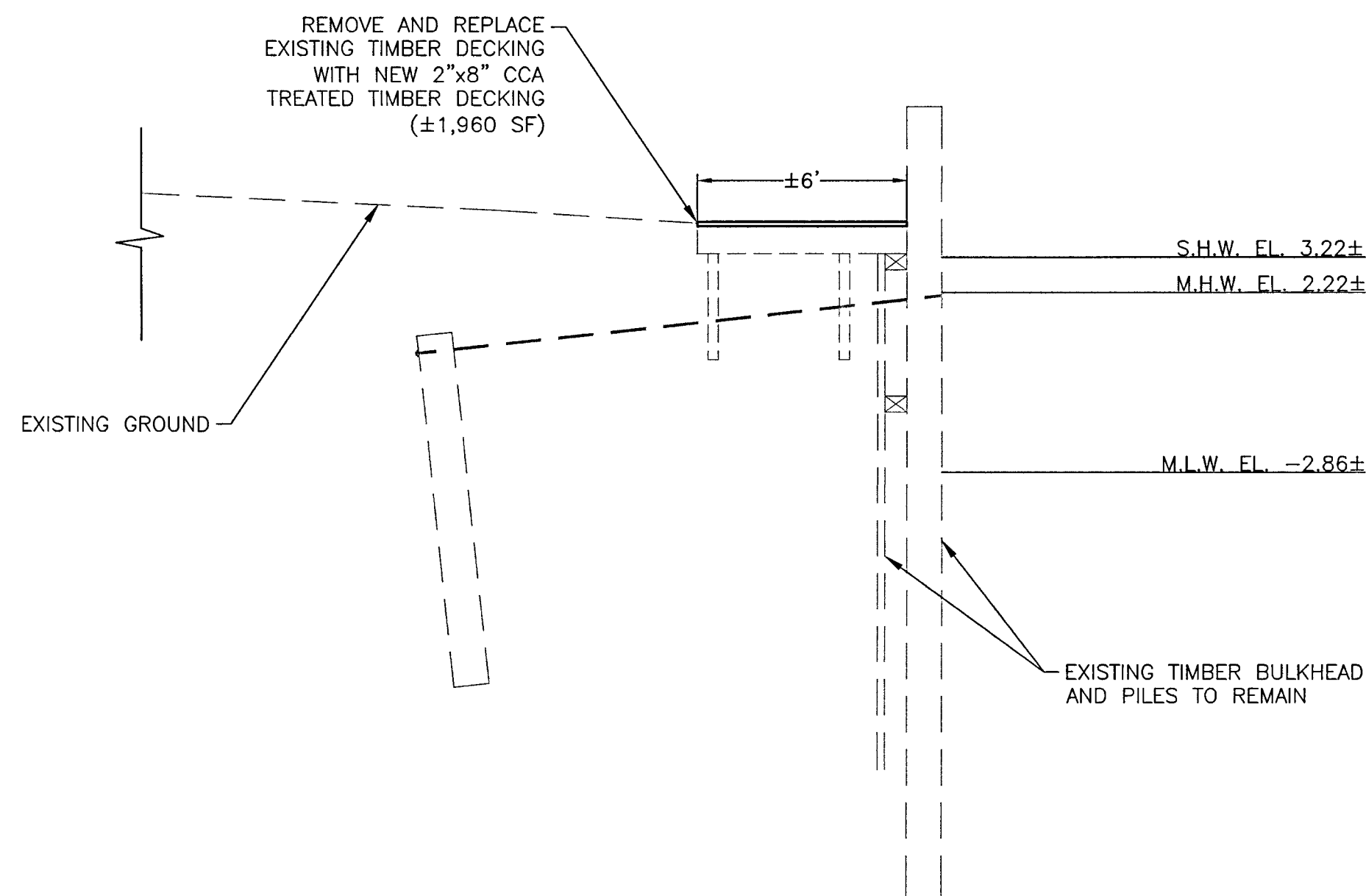
NOTES:

- ALL PROPOSED SHEETING SHALL BE INSTALLED TO THE SPECIFIED LENGTHS UNLESS OTHERWISE APPROVED BY ENGINEER.
- ALL HARDWARE SHALL BE HOT DIPPED GALVANIZED.
- FIRST 18" OF SEAWARD END OF TIE ROD SHALL BE COATED WITH COAL TAR EPOXY.
- CONTRACTOR SHALL VERIFY LOCATION OF ADJACENT PROPERTY LINE PRIOR TO INSTALLING NEW SHEETING.
- ALL DEBRIS SHALL BE REMOVED AND DISPOSED OF AT A NYSDEC APPROVED UPLAND FACILITY.
- SIZE AND LOCATION OF EXISTING ANCHORAGE SYSTEM IS UNKNOWN. CONTRACTOR SHALL FIELD VERIFY.
- DREDGE MATERIAL SHALL BE PLACED ON ADJACENT LAND TO RAISE EXISTING ADJACENT AREA. CONTRACTOR SHALL DREDGE A.O.B.E. TO A MAX ELEVATION OF -8.86± TO PROVIDE ADEQUATE DEPTH FOR PROPOSED FLOATING DOCKS.
- SECTION A-A: INSTALL 161± LF OF NEW SHOREGUARD SG-950 VINYL SHEETING WHERE SHOWN ON PLAN. TOP OF PROPOSED BULKHEAD SHALL BE INSTALLED A MAXIMUM OF 1.8' HIGHER THAN EXISTING. THE NEW BULKHEAD IS PROPOSED TO BE INSTALLED 15' TO 32' LANDWARD OF EXISTING. APPROXIMATELY 2,015 CY OF MATERIAL OVER AN AREA OF APPROXIMATELY 4,030 SF SHALL BE REMOVED FROM THE AREA BETWEEN EXISTING AND PROPOSED BULKHEADS. APPROXIMATELY 140 CY OVER AN AREA OF 1,600 SF SHALL BE INCIDENTALLY DREDGED TO RETRIEVE SOIL WHICH WAS LOST FROM BEHIND THE BULKHEAD. THE DREDGED MATERIAL AND SOIL REMOVED LANDWARD OF THE BULKHEAD SHALL NOT BE COMBINED OR MIXED. ±140 CY OF DREDGE SPOILS OVER AN AREA OF APPROXIMATELY 12,535 SF SHALL BE SPREAD LANDWARD OF THE PROPOSED BULKHEAD WHERE SHOWN ON THE PLAN & REMAIN ON SITE. THE PROPOSED GRADES SHALL BE RAISED BY APPROXIMATELY 4". ±230 CY OF THE ±1,670 CY OF SOIL REMOVED LANDWARD OF THE BULKHEAD SHALL BE SPREAD WHERE SHOWN ON THE PLAN OVER AN AREA OF 4,140 SF TO A DEPTH OF APPROXIMATELY 18". THE EXCESS MATERIAL OF APPROXIMATELY 1,645 CY WILL BE REMOVED AND LEGALLY DISPOSED OF AT A NYSDEC APPROVED UPLAND FACILITY.
- SECTION B-B: INSTALL NEW 2"x8" CCA TREATED TIMBER DECKING WHERE SHOWN ON PLAN. EXISTING BULKHEAD, ANCHORAGE SYSTEM, AND PILES TO REMAIN.

PROJECT DESCRIPTION:
INSTALL ±160 LF OF VINYL BULKHEAD, 26'-0" OF VINYL BREAKWATER, ±1,645 SF OF FLOATING DOCKS FOR MARINA, AND ±1,998 SF OF TIMBER DECKING. EXCAVATE ±1,670 CY BETWEEN EXISTING AND PROPOSED BULKHEADS, CREATING ±3,340 SF OF UNDERWATER LAND. INCIDENTALLY DREDGE ±140 CY OVER AN AREA OF ±1,600 SF TO RETRIEVE SOIL WHICH WAS LOST FROM BEHIND THE BULKHEAD.

ADJACENT WATER BODY:
MATTITUCK CREEK

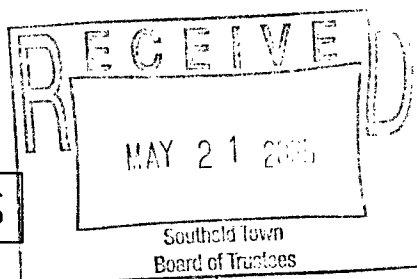
- NOTES:
- BEARINGS AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE.
 - ELEVATIONS SHOWN HEREON REFERENCE NAVD 1988.



SECTION B-B
REPLACE TIMBER DECKING (1,960 SF)

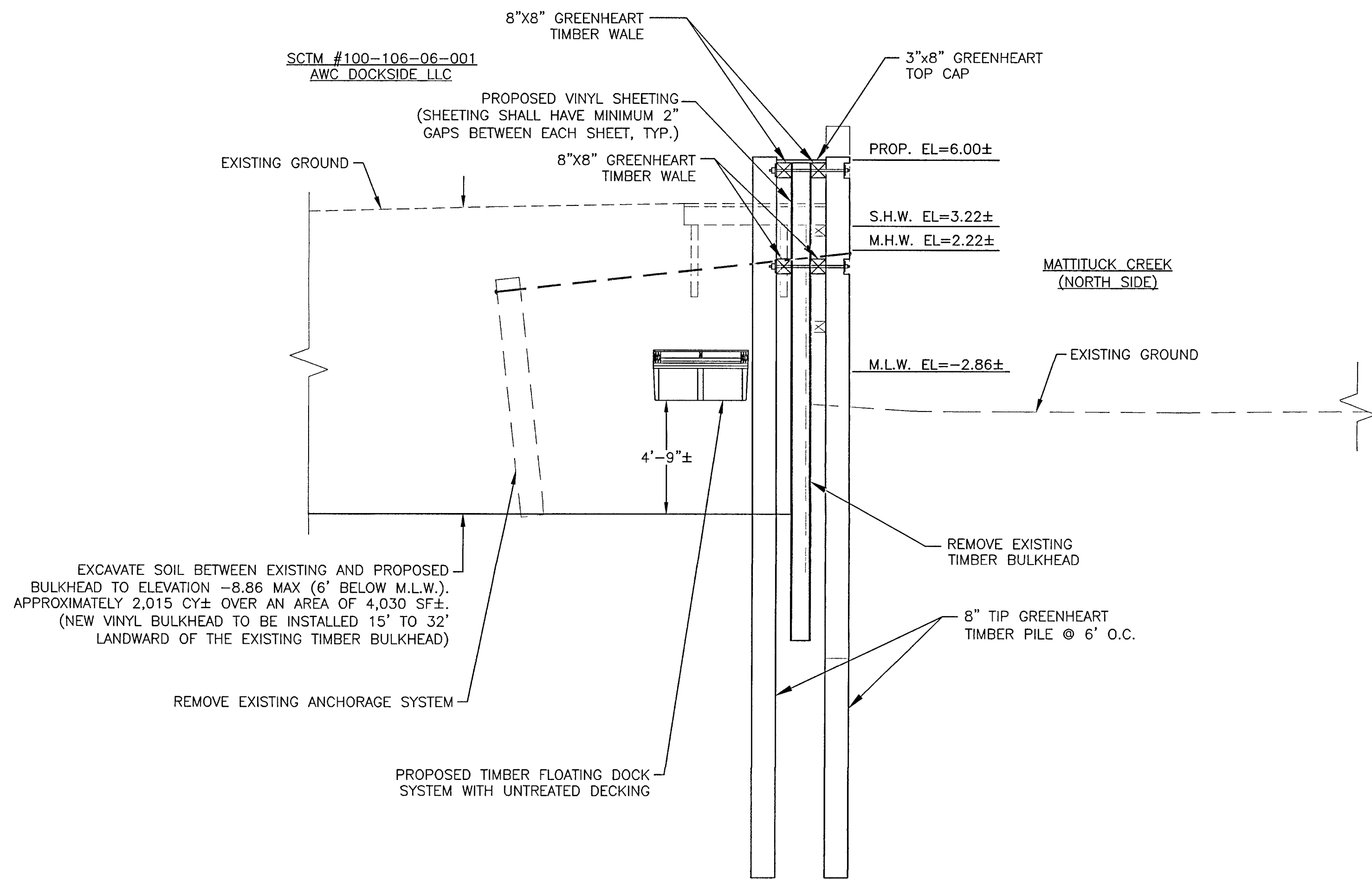
SCALE 1"=4' (22"x34")
SCALE 1"=8' (11"x17")

PERMIT PLANS



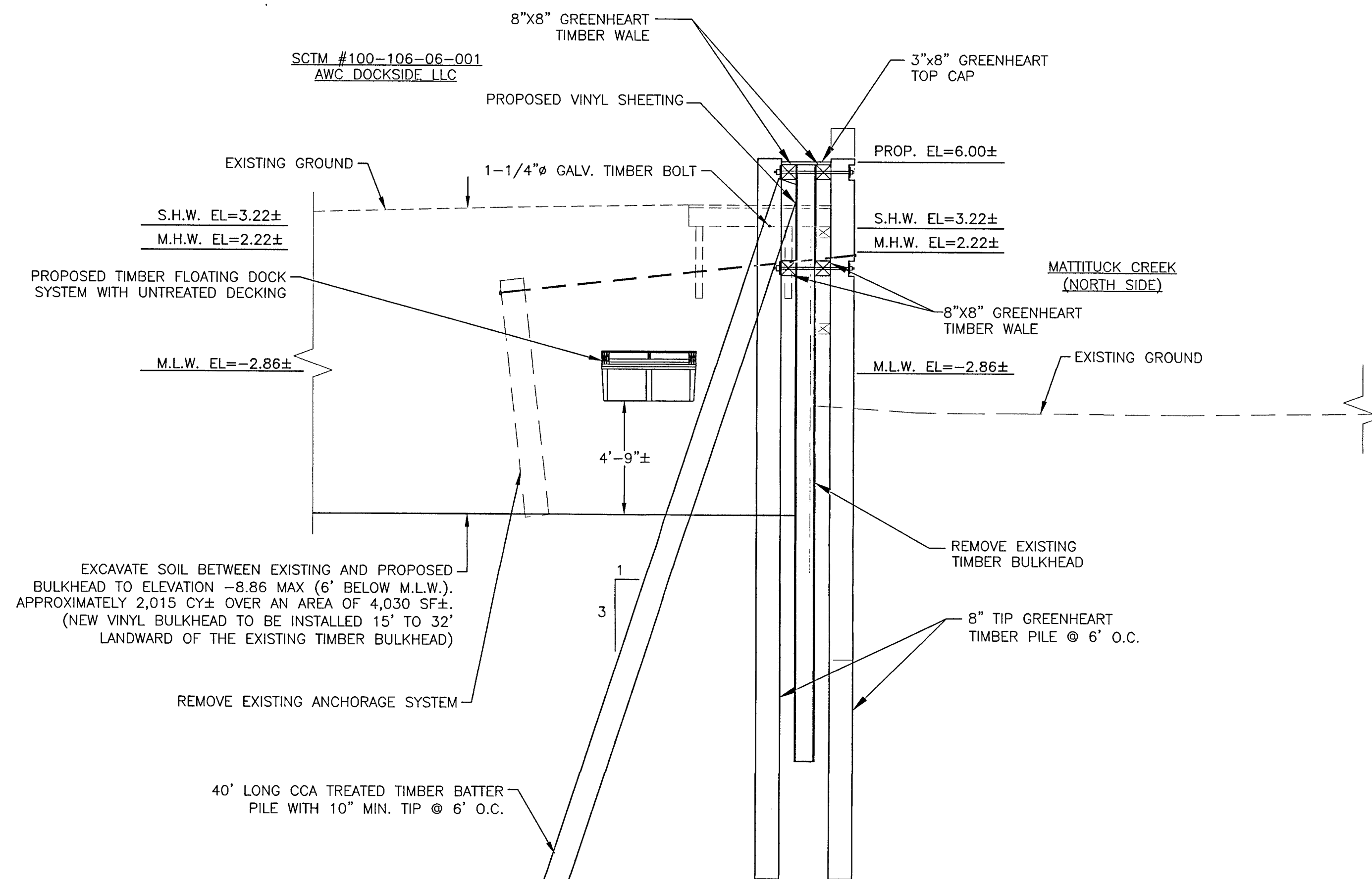
DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
TOWN OF SOUTHOLD SUFFOLK COUNTY, NEW YORK 5505 W. MILL ROAD MARINA IMPROVEMENTS			
TYPICAL SECTIONS - 1			
L. K. McLEAN ASSOCIATES, D.P.C. ENGINEERS & SURVEYORS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
Designed By:	KJM	Scale:	AS SHOWN
Drawn By:	RAC	Date:	MAY 2025
Approved By:	RAS	File No.	23103.000
			Sheet No. 5 OF 6

May 19, 2025 - 08:01am
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SECTION C-C
SLOTTED VINYL BREAKWATER (INSTALL NEW 26'-0" VINYL
BREAKWATER IN-PLACE OF EXISTING TIMBER BULKHEAD)

SCALE 1"=4' (22"x34")
SCALE 1"=8' (11"x17")



SECTION D-D
CANTILEVERED VINYL BULKHEAD

SCALE 1"=4' (22"x34")
SCALE 1"=8' (11"x17")

PERMIT PLANS			
MAY 21 2025			
DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
TOWN OF SOUTHOLD SUFFOLK COUNTY, NEW YORK			
5505 W. MILL ROAD MARINA IMPROVEMENTS			
TYPICAL SECTIONS - 2			
L. K. McLEAN ASSOCIATES, D.P.C. ENGINEERS & SURVEYORS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
Designed By:	KJM	Scale:	AS SHOWN
Drawn By:	RAC	Date:	MAY 2025
Approved By:	RAS	File No.	23103.000
			Sheet No. 6 OF 6

PROJECT DESCRIPTION:
INSTALL ±160 LF OF VINYL BULKHEAD, 26'-0" OF VINYL BREAKWATER, ±1,645 SF OF FLOATING DOCKS FOR MARINA, AND ±1,998 SF OF TIMBER DECKING. EXCAVATE ±1,670 CY BETWEEN EXISTING AND PROPOSED BULKHEADS, CREATING ±3,340 SF OF UNDERWATER LAND. INCIDENTALLY DREDGE ±140 CY OVER AN AREA OF ±1,600 SF TO RETRIEVE SOIL WHICH WAS LOST FROM BEHIND THE BULKHEAD.

ADJACENT WATER BODY:
MATTITUCK CREEK

NOTES:
1. BEARINGS AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE.
2. ELEVATIONS SHOWN HEREON REFERENCE NAVD 1988.

TOWN OF SOUTHOLD
SUFFOLK COUNTY, NEW YORK



PERMIT PLANS FOR
5505 W. MILL ROAD MARINA IMPROVEMENTS
MATTITUCK, SUFFOLK COUNTY, N.Y.

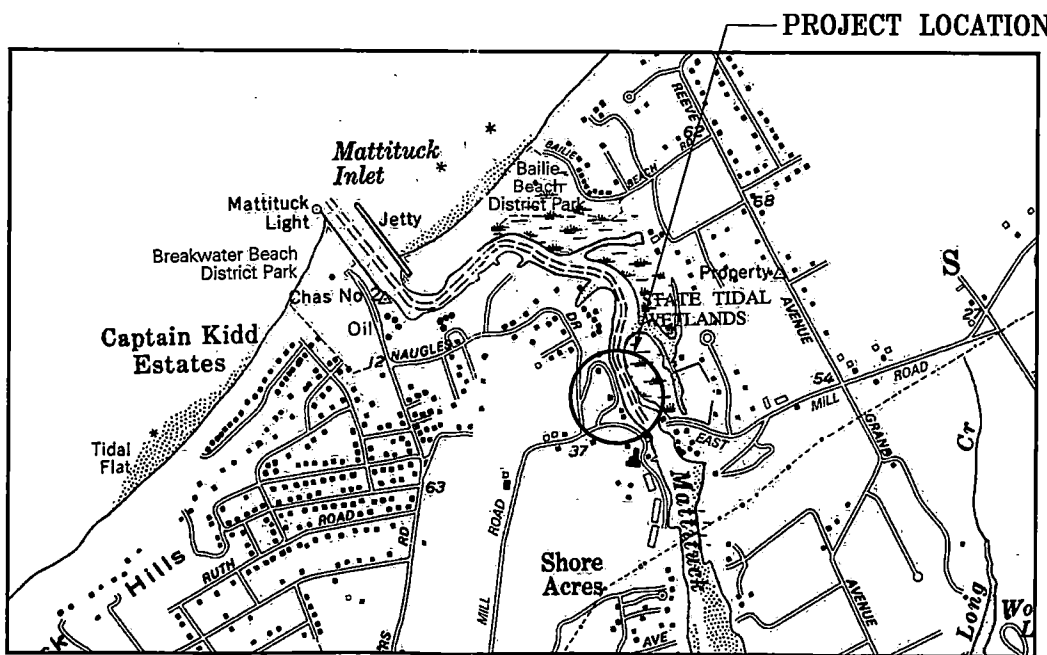
AUGUST, 2024

INDEX	
SHEET NO.	DESCRIPTION
1	TITLE SHEET, INDEX, & LOCATION MAP
2	EXISTING CONDITIONS PLAN
3	SOIL BORING PLAN
4	GENERAL PLAN
5	TYPICAL SECTIONS - 1
6	TYPICAL SECTIONS - 2
7	EROSION AND SEDIMENT CONTROL DETAILS

CONSTRUCTION COMPLETED:

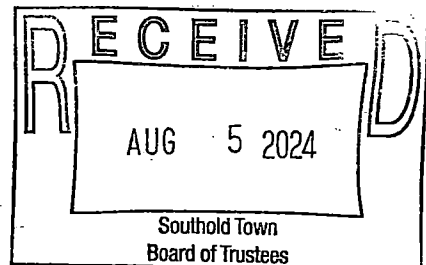
CONSTRUCTION ENGINEER

DATE:



THIS PROJECT IS LOCATED IN MATTITUCK, NEW YORK ALONG THE
WESTERN SIDE OF THE MATTITUCK INLET.

LOCATION MAP
1"=1,000'



PREPARED AND
RECOMMENDED BY: **LKMA** L. K. McLEAN ASSOCIATES, D.P.C.
437 SOUTH COUNTRY RD. BROOKHAVEN, NY 11719

ROBERT A. STEELE, P.E. - NYSPE Lic. No. 077397 DATE:

THE EDUCATION LAW OF THE STATE OF NEW YORK PROHIBITS
ANY PERSON FROM ALTERING ANYTHING ON THE DRAWINGS
AND/OR THE ACCOMPANYING SPECIFICATIONS, UNLESS IT'S UNDER
THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, WHERE
SUCH ALTERATIONS ARE MADE, THE PROFESSIONAL ENGINEER
MUST SIGN, SEAL, DATE AND DESCRIBE THE FULL EXTENT OF
THE ALTERATION ON THE DRAWING AND/OR IN THE SPECIFICATION
(NYS ED. LAW SECTION 7209-2).

Aug. 02, 2024 - 09:01am
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PLAN

SCALE 1"=50' (22" x 34")
SCALE 1"=100' (11" x 17")

PROJECT DESCRIPTION:
INSTALL ±160 LF OF VINYL BULKHEAD, 26'-0" OF VINYL BREAKWATER, ±1,645 SF OF FLOATING DOCKS FOR MARINA, AND ±1,998 SF OF TIMBER DECKING. EXCAVATE ±1,670 CY BETWEEN EXISTING AND PROPOSED BULKHEADS, CREATING ±3,340 SF OF UNDERWATER LAND. INCIDENTALLY DREDGE ±140 CY OVER AN AREA OF ±1,600 SF TO RETRIEVE SOIL WHICH WAS LOST FROM BEHIND THE BULKHEAD.

ADJACENT WATER BODY:
MATTITUCK CREEK

NOTES:
1. BEARINGS AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE.
2. ELEVATIONS SHOWN HEREON REFERENCE NAVD 1988.

SOIL BORING B-1

Depth	Blows Per (6") Inches	Unified Soil Classification and NYC BC Class	N- Value	Soil Sample Description	TB # B-1
0 - 2 FEET BLG	7-5-7-9	Misc.	N/A	Brown Fine Sand	Sample 1
2 - 4 FEET BLG	7-9-6-5	SP	15	Brown Fine Sand	Sample 2
4 - 6 FEET BLG	2-2-3-4	SP	5	Brown Fine Sand w/ Some Gravel	Sample 3
6 - 8 FEET BLG	3-3-3-4	SP	6	Brown Fine Sand w/ Gravel	Sample 4
8-10 FEET BLG	3-3-5-6	SP	8	Brown Fine Sand w/ Gravel	Sample 5
15-17 FEET BLG	4-1-2-2	SP	3	Brown Fine Sand w/ Gravel	Sample 6
20-22 FEET BLG	4-4-5-6	SP	9	Brown Fine Sand w/ Gravel	Sample 7
25-27 FEET BLG	5-3-4-7	SP	7	Brown Fine Sand w/ Gravel	Sample 8
30-31 FEET BLG	8-10-13-21	SP	23	Brown Fine Sand w/ Gravel	Sample 9

End of Boring: -32'

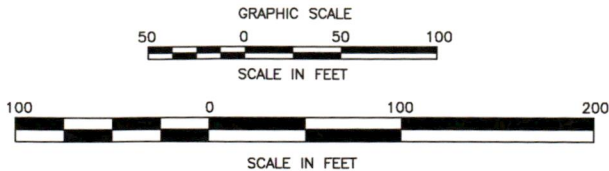
Groundwater Encountered at: -4.7

SOIL BORING B-2

Depth	Blows Per (6") Inches	Unified Soil Classification and NYC BC Class	N- Value	Soil Sample Description	TB # B-2
0 - 2 FEET BLG	H/A	Misc.	N/A	Brown Fine Sand w/ Gravel	Sample 1
2 - 4 FEET BLG	H/A	SP	N/A	Brown Fine Sand w/ Gravel	Sample 2
4 - 6 FEET BLG	2-2-1-2	SP	3	Brown Fine Sand w/ Gravel	Sample 3
6 - 8 FEET BLG	1-1-WOH-1	SP	1	Brown Fine Sand	Sample 4
8-10 FEET BLG	WOH-2-1-2	SP	3	Brown Fine Sand w/ Some Gravel	Sample 5
10-12 FEET BLG	3-1-1-2	SP	2	Brown Fine Sand w/ Gravel	Sample 6
15-17 FEET BLG	3-3-4-6	SP	7	Brown Fine Sand w/ Gravel	Sample 7
20-22 FEET BLG	6-7-7-7	SP	14	Brown Fine Sand w/ Gravel	Sample 8
25-27 FEET BLG	12-8-8-6	SP	16	Brown Fine Sand w/ Gravel	Sample 9
30-32 FEET BLG	9-5-6-7	SP	11	Brown Fine Sand w/ Gravel	Sample 10

End of Boring: -32'


Groundwater Encountered at: -4.5



NOTES:
1. SOIL BORING LOCATIONS ON PLAN ARE APPROXIMATE.



LEGEND:

 B-1
SOIL BORING LOCATION

PERMIT PLANS

DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
TOWN OF SOUTHOLD SUFFOLK COUNTY, NEW YORK 5505 W. MILL ROAD MARINA IMPROVEMENTS			
SOIL BORING PLAN			
L. K. McLEAN ASSOCIATES, D.P.C. ENGINEERS & SURVEYORS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
Designed By:	KJM	Scale:	AS SHOWN
Drawn By:	RAC	Date:	AUG. 2024
Approved By:	RAS	File No.	23103.000
			Sheet No. 2 OF 7

Aug 02, 2024 - 09:01am
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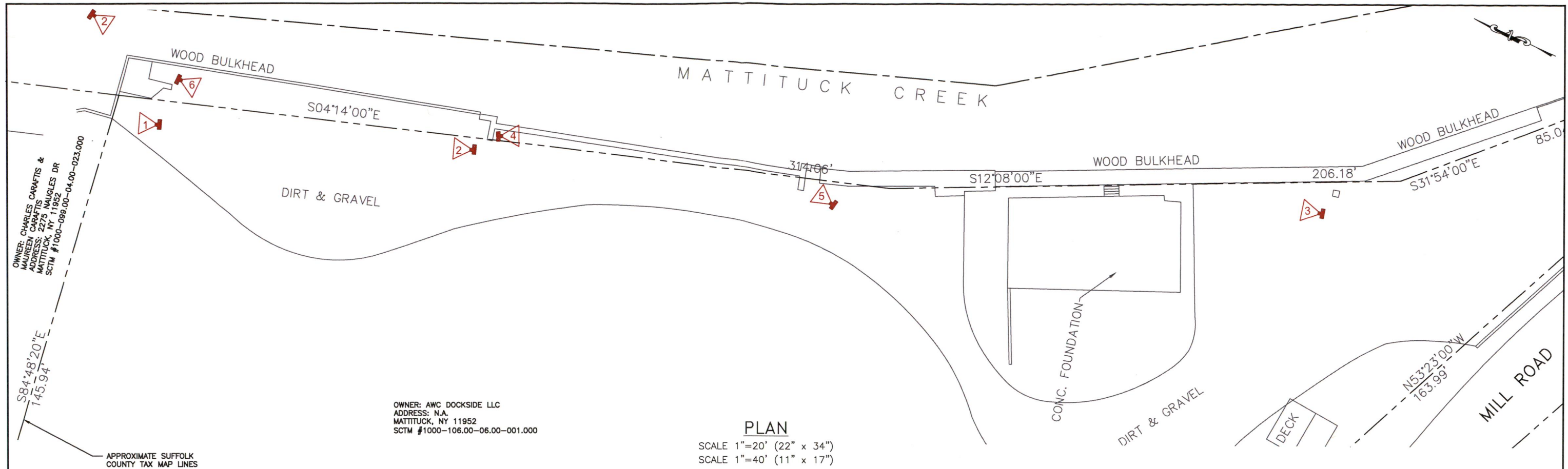


PHOTO 1

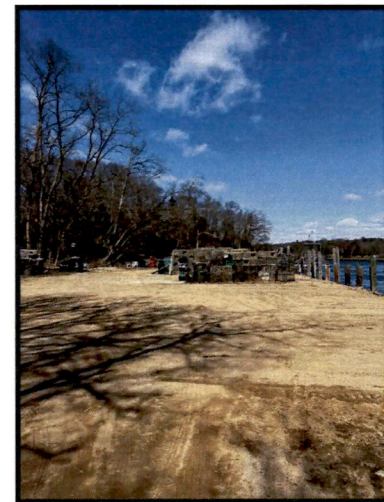


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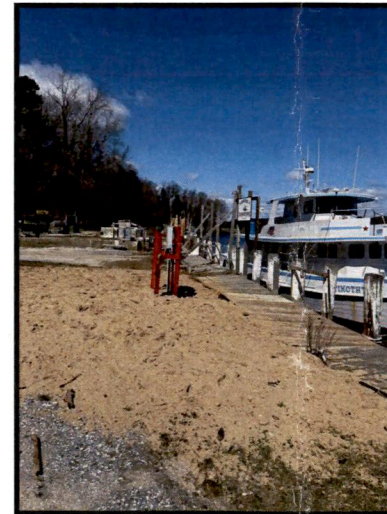


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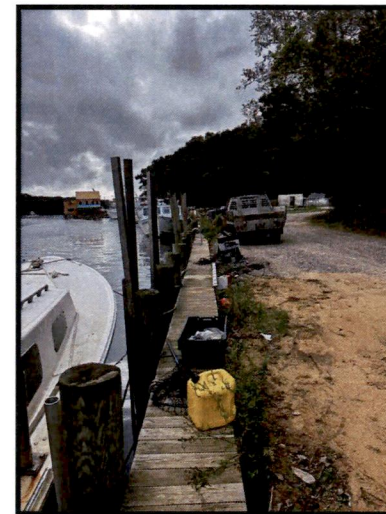


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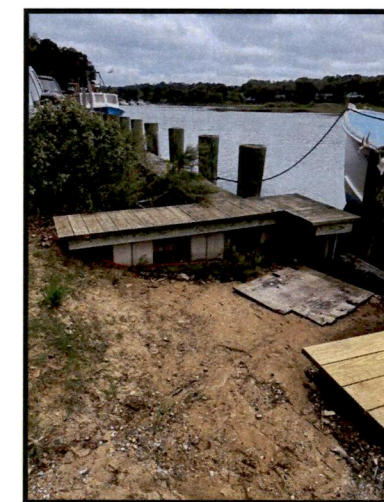


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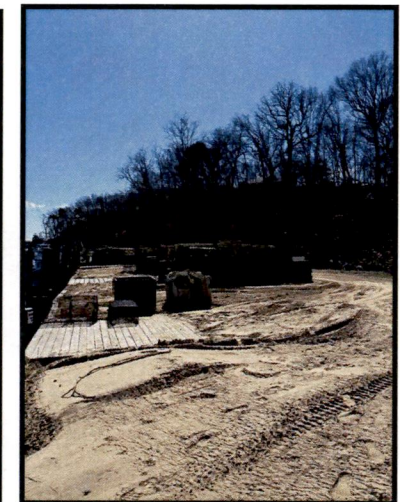


PHOTO 6

LEGEND

DESCRIPTION

PHOTOGRAPH LOCATION WITH DIRECTION
TAKEN AND PHOTO ID #

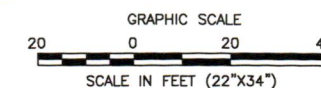
APPROXIMATE SUFFOLK COUNTY
TAX MAP LINES

SUFFOLK COUNTY TAX MAP #
(DISTRICT-SECTION-BLOCK-LOT)

SYMBOL



SCTM# 100-183-01-85



PERMIT PLANS

DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
TOWN OF SOUTHOLD SUFFOLK COUNTY, NEW YORK 5505 W. MILL ROAD MARINA IMPROVEMENTS			
EXISTING CONDITIONS PLAN			
L. K. McLEAN ASSOCIATES, D.P.C. ENGINEERS & SURVEYORS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
Designed By:	KJM	Scale:	AS SHOWN
Drawn By:	RAC	Date:	AUG. 2024
Approved By:	RAS	File No.	23103.000

PROJECT DESCRIPTION:
INSTALL ±160 LF OF VINYL BULKHEAD, 26"-0" OF VINYL BREAKWATER, ±1,645 SF OF FLOATING DOCKS FOR MARINA, AND ±1,998 SF OF TIMBER DECKING. EXCAVATE ±1,670 CY BETWEEN EXISTING AND PROPOSED BULKHEADS, CREATING ±3,340 SF OF UNDERWATER LAND. INCIDENTALLY DREDGE ±140 CY OVER AN AREA OF ±1,600 SF TO RETRIEVE SOIL WHICH WAS LOST FROM BEHIND THE BULKHEAD.

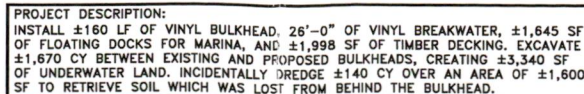
ADJACENT WATER BODY:
MATTITUCK CREEK

NOTES:

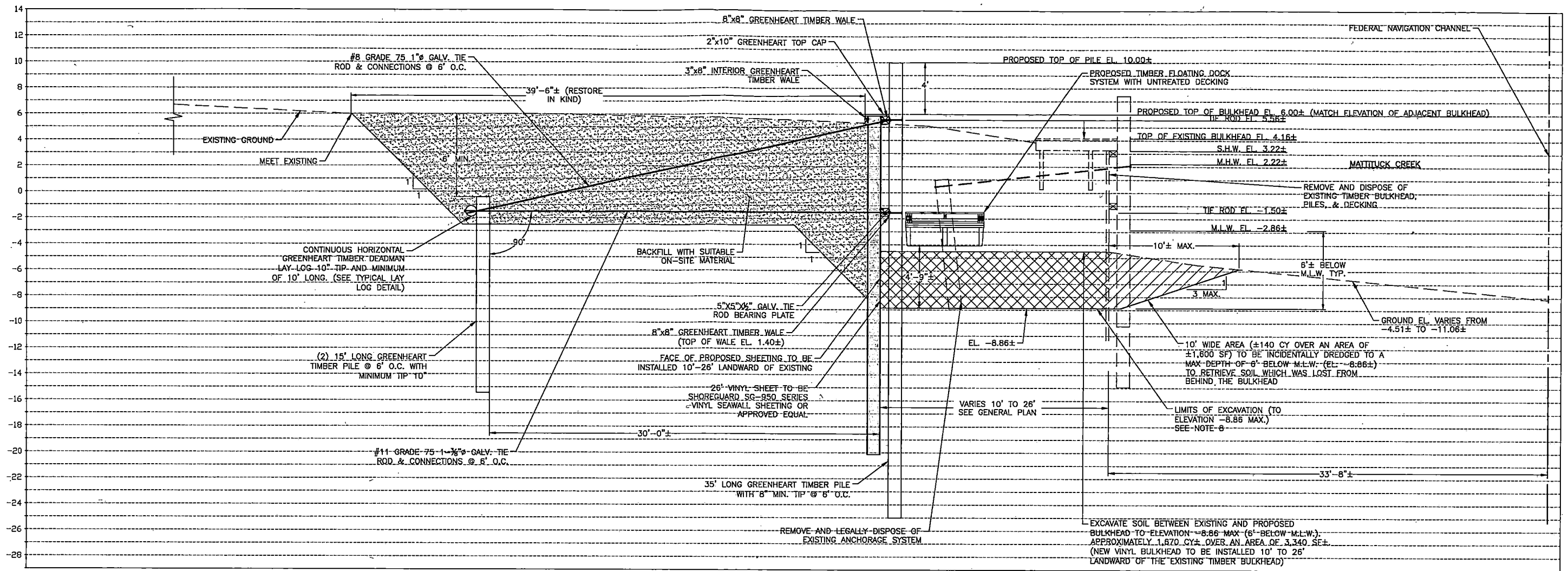
1. BEARINGS AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE.
2. ELEVATIONS SHOWN HEREON REFERENCE NAVD 1988.

Sheet No.

3 OF 7

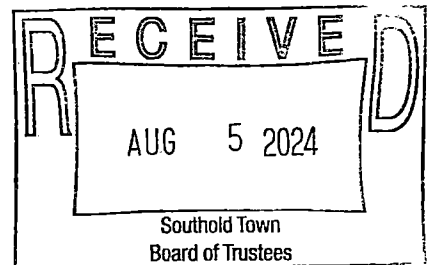


Aug 02, 2024 - 09:01am
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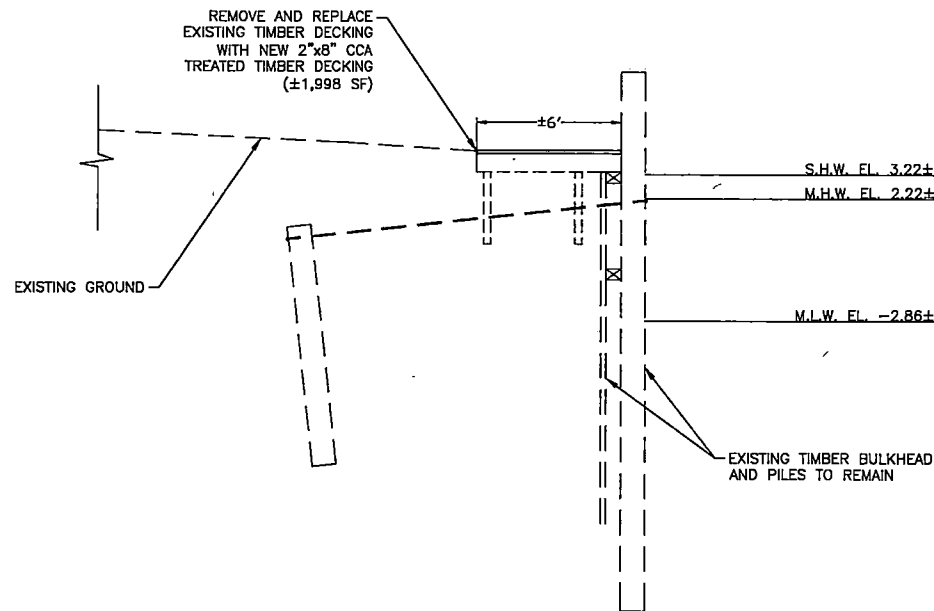


SECTION A-A
SG-950 VINYL BULKHEAD (INSTALLED 26' TO 10'
LANDWARD OF EXISTING TIMBER BULKHEAD)

SCALE 1"=4' (22"X34")
SCALE 1"=8' (11"X17")



PERMIT PLANS



SECTION B-B
REPLACE TIMBER DECKING (1,998 SF)

SCALE 1"=4' (22"X34")
SCALE 1"=8' (11"X17")

NOTES:

1. ALL PROPOSED SHEETING SHALL BE INSTALLED TO THE SPECIFIED LENGTHS UNLESS OTHERWISE APPROVED BY ENGINEER.
2. ALL HARDWARE SHALL BE HOT DIPPED GALVANIZED.
3. FIRST 18" OF SEAWARD END OF TIE ROD SHALL BE COATED WITH COAL TAR EPOXY.
4. CONTRACTOR SHALL VERIFY LOCATION OF ADJACENT PROPERTY LINE PRIOR TO INSTALLING NEW SHEETING.
5. ALL DEBRIS SHALL BE REMOVED AND DISPOSED OF AT A NYSDEC APPROVED UPLAND FACILITY.
6. SIZE AND LOCATION OF EXISTING ANCHORAGE SYSTEM IS UNKNOWN. CONTRACTOR SHALL FIELD VERIFY.
7. DREDGE MATERIAL SHALL BE PLACED ON ADJACENT LAND TO RAISE EXISTING ADJACENT AREA. CONTRACTOR SHALL DREDGE A.O.B.E. TO A MAX ELEVATION OF -8.86± TO PROVIDE ADEQUATE DEPTH FOR PROPOSED FLOATING DOCKS.
8. SECTION A-A: INSTALL 160± LF OF NEW SHOREGUARD SG-950 VINYL SHEETING WHERE SHOWN ON PLAN. TOP OF PROPOSED BULKHEAD SHALL BE INSTALLED A MAXIMUM OF 1.8' HIGHER THAN EXISTING. THE NEW BULKHEAD IS PROPOSED TO BE INSTALLED 10' TO 26' LANDWARD OF EXISTING. APPROXIMATELY 1,670 CY OF MATERIAL OVER AN AREA OF APPROXIMATELY 3,340 SF SHALL BE REMOVED FROM THE AREA BETWEEN EXISTING AND PROPOSED BULKHEADS. APPROXIMATELY 140 CY OVER AN AREA OF 1,600 SF SHALL BE INCIDENTALLY DREDGED TO RETRIEVE SOIL WHICH WAS LOST FROM BEHIND THE BULKHEAD. ±465 CY OVER AN AREA OF APPROXIMATELY 12,535 SF SHALL BE SPREAD LANDWARD OF THE PROPOSED BULKHEAD WHERE SHOWN ON THE PLAN. THE PROPOSED GRADES SHALL BE RAISED BY APPROXIMATELY 12". APPROXIMATELY 1,345 CY OF MATERIAL WILL BE REMOVED AND LEGALLY DISPOSED OF AT A NYSDEC APPROVED UPLAND FACILITY.
9. SECTION B-B: INSTALL NEW 2"x8" CCA TREATED TIMBER DECKING WHERE SHOWN ON PLAN. EXISTING BULKHEAD, ANCHORAGE SYSTEM, AND PILES TO REMAIN.

PROJECT DESCRIPTION:

INSTALL ±160 LF OF VINYL BULKHEAD, 26'-0" OF VINYL BREAKWATER, ±1,645 SF OF FLOATING DOCKS FOR MARINA, AND ±1,998 SF OF TIMBER DECKING. EXCAVATE ±1,670 CY BETWEEN EXISTING AND PROPOSED BULKHEADS, CREATING ±3,340 SF OF UNDERWATER LAND. INCIDENTALLY DREDGE ±140 CY OVER AN AREA OF ±1,600 SF TO RETRIEVE SOIL WHICH WAS LOST FROM BEHIND THE BULKHEAD.

ADJACENT WATER BODY:
MATTITUCK CREEK

NOTES:

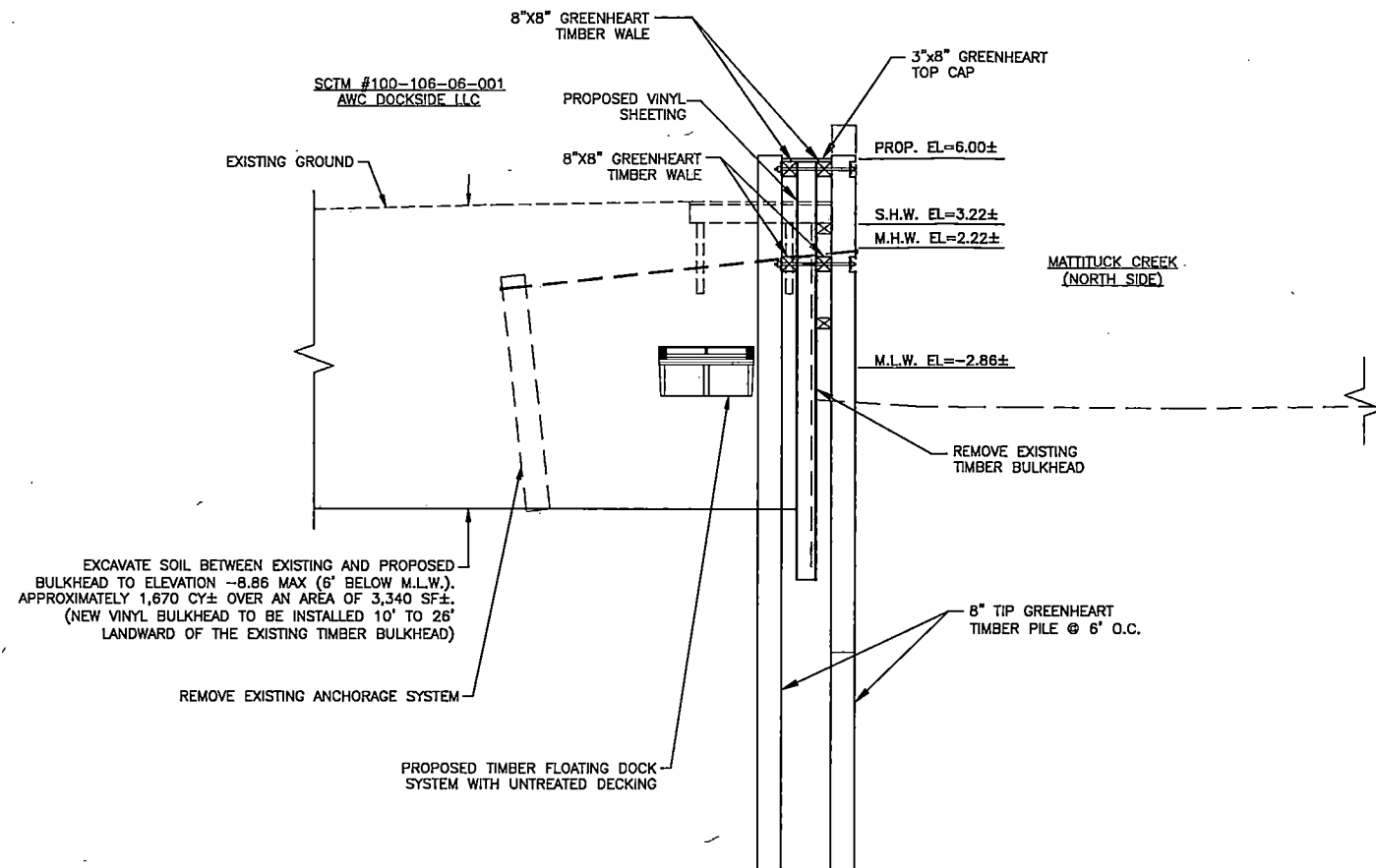
1. BEARINGS AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE.
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DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
TOWN OF SOUTHOLD SUFFOLK COUNTY, NEW YORK 5505 W. MILL ROAD MARINA IMPROVEMENTS			
TYPICAL SECTIONS - 1			
L. K. McLEAN ASSOCIATES, D.P.C. ENGINEERS & SURVEYORS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
Designed By:	KJM	Scale:	AS SHOWN
Drawn By:	RAC	Date:	AUG. 2024
Approved By:	RAS	File No.	23103.000
			Sheet No. 5 OF 7

Aug 02, 2024 - 09:01am
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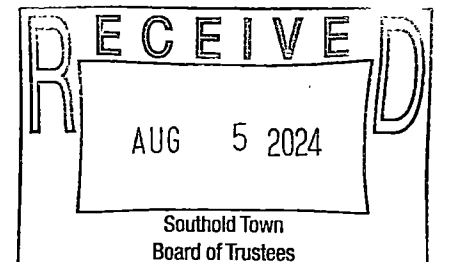
NOTES:

- SECTION C-C: INSTALL NEW 26'-0" VINYL BREAKWATER IN-PLACE OF EXISTING TIMBER BULKHEAD.



SECTION C-C
SLOTTED VINYL BREAKWATER (INSTALL NEW 26'-0" VINYL
BREAKWATER IN-PLACE OF EXISTING TIMBER BULKHEAD)

SCALE 1"=4' (22"X34")
SCALE 1"=8' (11"X17")



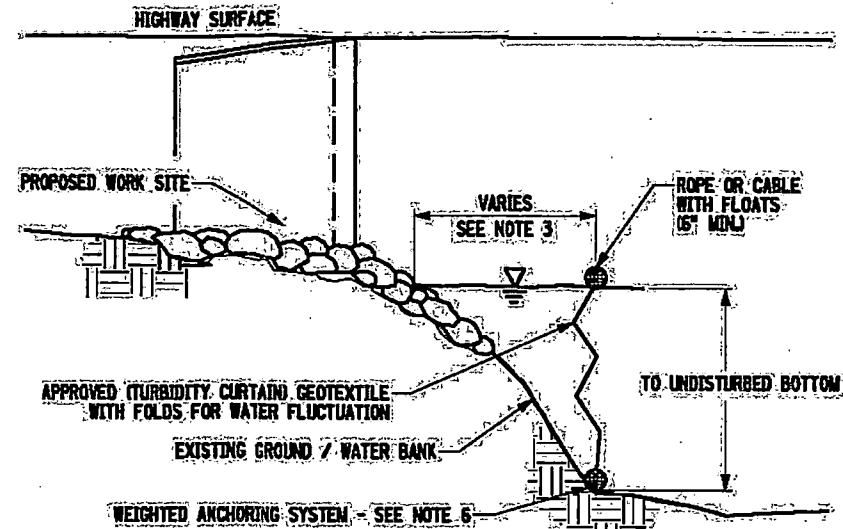
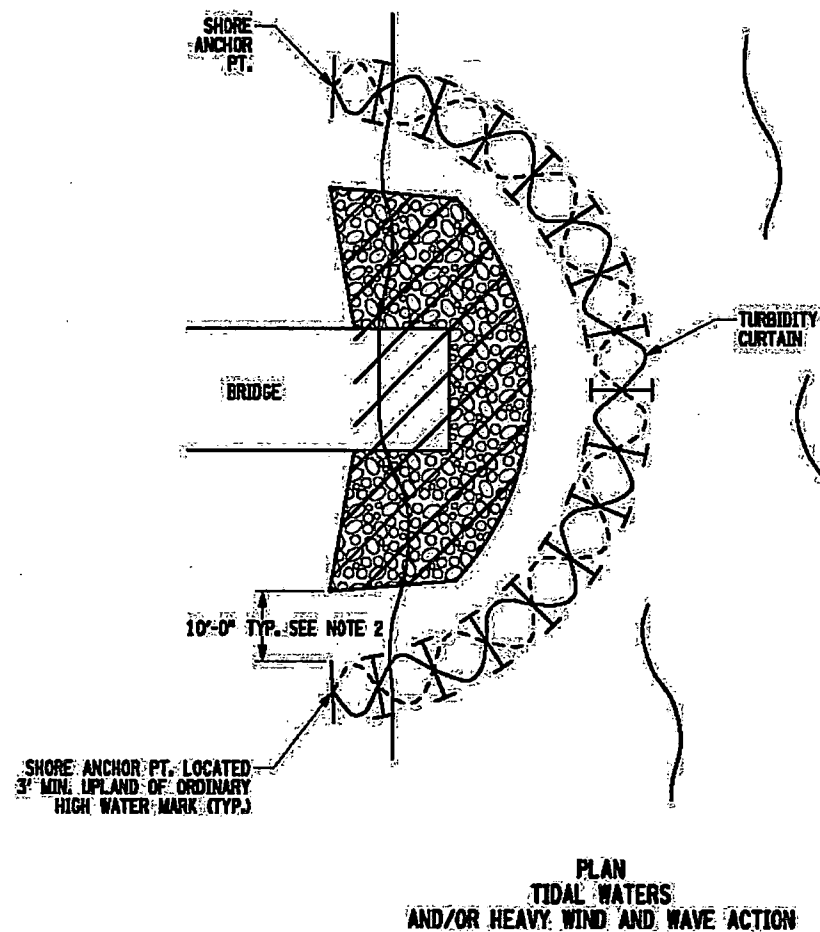
PERMIT PLANS

DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
TOWN OF SOUTHOLD			
SUFFOLK COUNTY, NEW YORK			
5505 W. MILL ROAD			
MARINA IMPROVEMENTS			
TYPICAL SECTIONS - 2			
L. K. McLEAN ASSOCIATES, D.P.C.			
ENGINEERS & SURVEYORS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
Designed By:	KJM	Scale: AS SHOWN	Sheet No.
Drawn By:	RAC	Date: AUG. 2024	6 OF 7
Approved By:	RAS	File No. 23103.000	

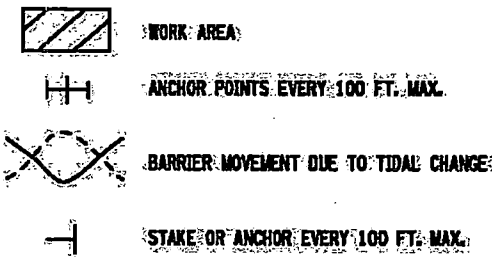
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INSTALL ±160 LF OF VINYL BULKHEAD, 26'-0" OF VINYL BREAKWATER, ±1,645 SF OF FLOATING DOCKS FOR MARINA, AND ±1,998 SF OF TIMBER DECKING. EXCAVATE ±1,670 CY BETWEEN EXISTING AND PROPOSED BULKHEADS, CREATING ±3,340 SF OF UNDERWATER LAND. INCIDENTALLY DREDGE ±140 CY OVER AN AREA OF ±1,600 SF TO RETRIEVE SOIL WHICH WAS LOST FROM BEHIND THE BULKHEAD.

ADJACENT WATER BODY:
MATTITUCK CREEK

NOTES:
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2. ELEVATIONS SHOWN HEREON REFERENCE NAVD 1988.



SECTION A-A



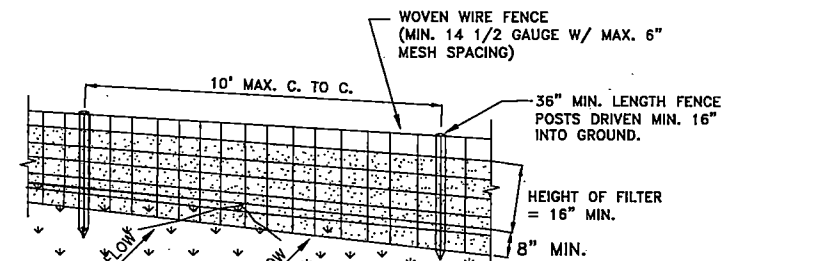
TURBIDITY CURTAIN DETAILS
N.T.S.

APPLICATION NOTES FOR TURBIDITY CURTAIN:

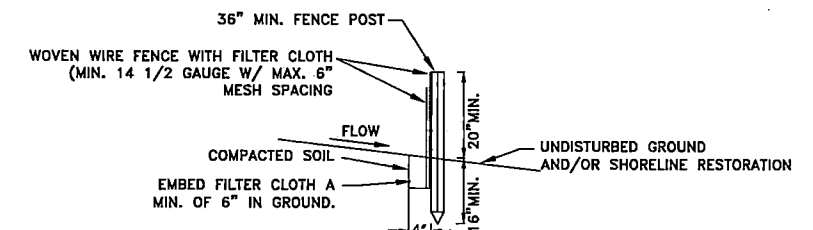
- THE PURPOSE OF A TURBIDITY CURTAIN IS TO SEPARATE WORK AREAS IN OR ADJACENT TO WATERWAYS, TO PREVENT TURBIDITY FROM ENTERING THE WATERWAY.
- TURBIDITY CURTAIN SHALL NOT BE PLACED ACROSS A FLOWING WATERWAY.
- CONCENTRATED FLOW OUTLETS SUCH AS CULVERT OUTLETS, DITCHES, ETC. SHALL NOT BE LOCATED BEHIND THE TURBIDITY CURTAIN.

GENERAL NOTES FOR TURBIDITY CURTAIN:

- THE DETAIL DEPICTS WORK AT A PROJECT LOCATION, AND TURBIDITY CURTAIN MAY BE APPLIED AT OTHER LOCATIONS.
- TURBIDITY CURTAIN SHALL BE A MAXIMUM OF 100' LONG FOR EACH SECTION OF CURTAIN REQUIRED. END SECTIONS SHALL TERMINATE 10' BEYOND THE LIMIT OF DISTURBANCE.
- THE TURBIDITY CURTAIN SHALL BE PLACED AS CLOSE TO THE WORK AS POSSIBLE WITHOUT INTERFERING WITH CONSTRUCTION OPERATIONS.
- THE CONTRACTOR SHALL CONTINUALLY MONITOR THE INSTALLATION, TAKING INTO ACCOUNT WEATHER PATTERNS AND PREVAILING WIND DIRECTIONS THAT MAY AFFECT WATER LEVELS, VELOCITY AND MOVEMENT OF THE TURBIDITY CURTAIN. REMOVE THE TURBIDITY CURTAIN 72 HOURS AFTER THE LAST ACTIVE CONSTRUCTION ACTIVITY, WHERE EROSION/EXCAVATION HAS BEEN STOPPED. NO ADDITIONAL COST WILL BE PAID FOR THE RE-INSTALLATION. IF THE CONTRACTOR DECIDES TO LEAVE THE TURBIDITY CURTAIN IN PLACE DURING STORMS, FREEZING WEATHER OR EXTREME WEATHER PERIODS HE SHALL HAVE A PERSON ON SITE TO MONITOR THE INTEGRITY AND FUNCTION ABILITY OF THE CURTAIN.
- THE TURBIDITY CURTAIN SHALL BE REMOVED BY PULLING TOWARD THE SHORE TO MINIMIZE THE ESCAPE OF SEDIMENTS INTO THE WATERWAY.
- THE WEIGHTED ANCHOR SYSTEM SHALL BE A TYPE THAT ALLOWS THE CURTAIN TO CONFORM TO THE CONTOUR OF THE BOTTOM OF THE WATERWAY.
- FOR FLOW VELOCITIES > 5 FT/SEC, USE A REDIRECTION BARRIER SUCH THAT THE FLOW EXPANDING AT 20' FROM THE BARRIER WILL REACH THE CURTAIN AT A POINT WHERE THE CURTAIN IS ESSENTIAL TO STREAM FLOW.
- ALL TURBIDITY CURTAINS SHALL BE INSTALLED AS PER THE MANUFACTURER'S RECOMMENDATIONS AND AS DIRECTED BY THE TOWN OF HEMPSTEAD'S ENGINEER.



PERSPECTIVE VIEW

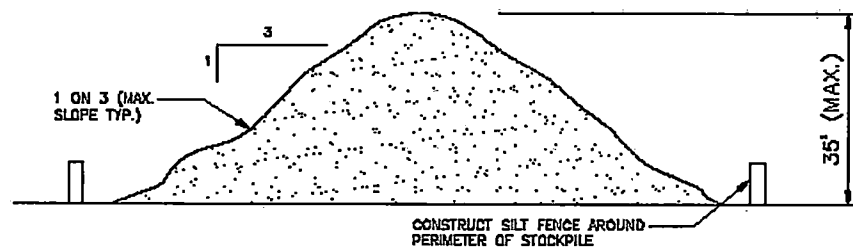


SECTION VIEW

CONSTRUCTION SPECIFICATIONS:

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
- FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
- PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

TEMPORARY SILT FENCE DETAIL
N.T.S.

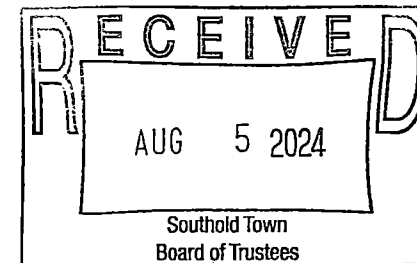


TEMPORARY SOIL STOCKPILE DETAIL
N.T.S.

PROJECT DESCRIPTION:
INSTALL ±160 LF OF VINYL BULKHEAD, 26'-0" OF VINYL BREAKWATER, ±1,645 SF OF FLOATING DOCKS FOR MARINA, AND ±1,998 SF OF TIMBER DECKING. EXCAVATE ±1,670 CY BETWEEN EXISTING AND PROPOSED BULKHEADS, CREATING ±3,340 SF OF UNDERWATER LAND. INCIDENTALLY DREDGE ±140 CY OVER AN AREA OF ±1,600 SF TO RETRIEVE SOIL WHICH WAS LOST FROM BEHIND THE BULKHEAD.

ADJACENT WATER BODY:
MATTITUCK CREEK

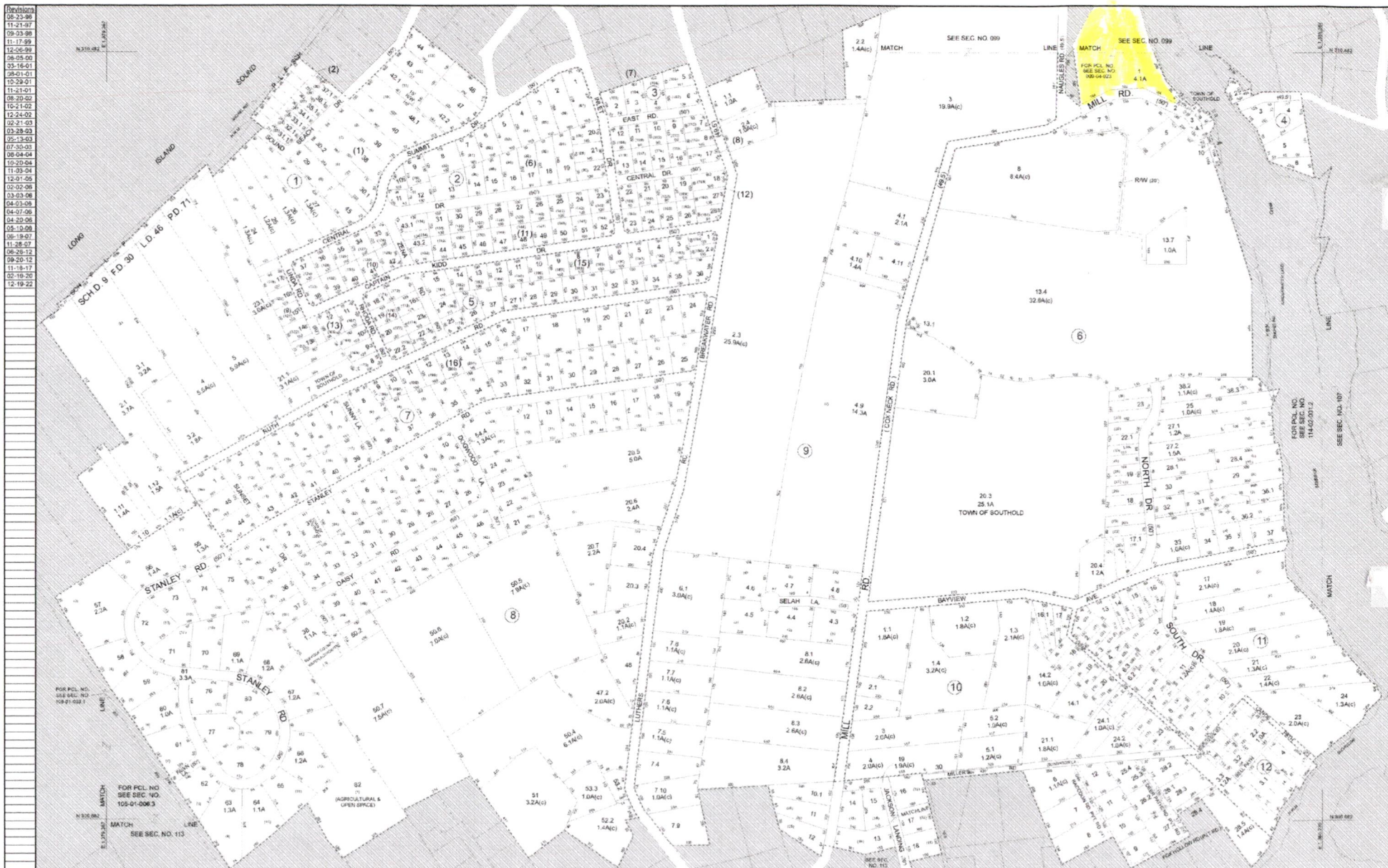
NOTES:
1. BEARINGS AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE.
2. ELEVATIONS SHOWN HEREON REFERENCE NAVD 1988.



PERMIT PLANS

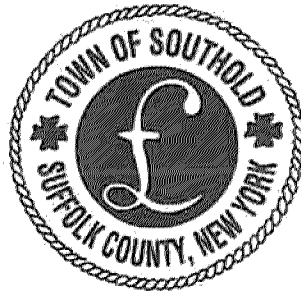
DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
TOWN OF SOUTHOLD SUFFOLK COUNTY, NEW YORK			
5505 W. MILL ROAD MARINA IMPROVEMENTS			
EROSION AND SEDIMENT CONTROL DETAILS			
L. K. McLEAN ASSOCIATES, D.P.C. ENGINEERS & SURVEYORS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
Designed By:	KJM	Scale: AS SHOWN	Sheet No.
Drawn By:	RAC	Date: AUG. 2024	7 OF 7
Approved By:	RAS	File No. 23103.000	

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 11-21-97
 09-23-98
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 06-19-07
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 06-26-12
 08-20-12
 11-18-17
 02-10-20
 12-19-22



L E G E N D 		1. ALL LOTS SHOWN ON THIS MAP ARE WITHIN THE FOLLOWING DISTRICTS: DISTRICT NO. 1000 TOWN OF SOUTHOLD VILLAGE OF SOUTHOLD		SECTION NO. 106	
2. ALL LOTS SHOWN ON THIS MAP ARE WITHIN THE FOLLOWING DISTRICTS: DISTRICT NO. 1000 TOWN OF SOUTHOLD VILLAGE OF SOUTHOLD		SECTION NO. 106		COUNTY OF SUFFOLK Real Property Tax Service Agency 300 Center Drive, Blueford, NY 11914	
3. ALL LOTS SHOWN ON THIS MAP ARE WITHIN THE FOLLOWING DISTRICTS: DISTRICT NO. 1000 TOWN OF SOUTHOLD VILLAGE OF SOUTHOLD		SECTION NO. 106		NOTICE MAINTENANCE, ALTERATION, SALE OR DISTRIBUTION OF ANY PORTION OF THE SUFFOLK COUNTY TAX MAP IS PROHIBITED WITHOUT WRITTEN PERMISSION OF THE REAL PROPERTY TAX SERVICE AGENCY	

OFFICE LOCATION:
Town Hall Annex
54375 State Route 25
(cor. Main Rd. & Youngs Ave.)
Southold, NY 11971



MAILING ADDRESS:
P.O. Box 1179
Southold, NY 11971
Telephone: 631 765-1938

LOCAL WATERFRONT REVITALIZATION PROGRAM
TOWN OF SOUTHOLD

To: Glenn Goldsmith, President
Town of Southold Board of Trustees

From: Mark Terry, AICP
LWRP Coordinator

Date: June 3, 2025

Re: LWRP Coastal Consistency Review for **AWC DOCKSIDE, LLC**
SCTM# 1000-106-6-1

L.K. McLean Associates on behalf of AWC DOCKSIDE, LLC requests a Wetland Permit for Marina improvements consisting of the **as-built** 6'x98', 6'x218' and 6'x12.10' ($\pm 1,988$ sq.ft.) sections of CCA decking along top of existing southerly bulkhead section; within a 10' wide area in front of existing bulkhead section incidentally dredge ± 140 cubic yards over $\pm 1,600$ sq.ft. area to a max. depth of 6' below Mean Low Water (EL. -8.86) to reclaim soil lost from behind existing deteriorated bulkhead; excavate $\pm 2,015$ cubic yards of material over an area of 4,030sq.ft. between existing and proposed bulkheading to elevation -8.86 max (6' below Mean Low Water) with unsuitable material to be removed from site; remove ± 160 linear feet of existing bulkhead and install new ± 161 linear feet of vinyl bulkhead varying $\pm 15'$ to $\pm 32'$ landward of existing bulkhead location and $\pm 1.8'$ higher than existing bulkhead; install a 22.3' north vinyl return and a 14' south vinyl return; construct a 26' long vinyl slotted breakwater off north end of bulkhead; create nine (9) 15'x35' slips by installing 10 new mooring piles and 10 new guide piles; install a 4'x40' gangway, one (1) 8'x53' and one (1) 6'x102' floating dock parallel to new bulkhead and install five (5) 4'x30' floating finger docks off of 6' and 8' wide floating docks; spread dredge spoil and raise grade in area landward of new and portion of existing bulkhead approximately 4" higher (± 140 cubic yards over an area of 12,200sq.ft.); in an area around existing concrete slab, spread excess fill taken from area landward of bulkhead and raise grade approximately 18" (± 230 cubic yards over an area of 4,140sq.ft.); a proposed pump-out truck with 1,000gal. capacity with potable water washout; and with the use of a turbidity curtain during construction. Located: 5505 West Mill Road, Mattituck. SCTM# 1000-106-6-1

The proposed action has been reviewed to Chapter 268, Waterfront Consistency Review of the Town of Southold Town Code and the Local Waterfront Revitalization Program (LWRP) Policy Standards. Based upon the information provided on the LWRP Consistency Assessment Form submitted to this department, as well as the records available to me, it is my recommendation that the action is **INCONSISTENT** with the LWRP.

An application is before the Planning Board on the parcel.

The proposed action has been reviewed to Chapter 268, Waterfront Consistency Review of the Town of Southold Town Code and the Local Waterfront Revitalization Program (LWRP) Policy Standards. Based upon the information provided on the LWRP Consistency Assessment Form submitted to this department, as well as the records available to me, it is my recommendation that the as-builts are **INCONSISTENT** with LWRP Policy 6.3 and, therefore, **INCONSISTENT** with the LWRP.

6.3 Protect and restore tidal and freshwater wetlands.

A. Comply with statutory and regulatory requirements of the Southold Town Board of Trustees laws and regulations for all Andros Patent and other lands under their jurisdiction

1. Comply with Trustee regulations and recommendations as set forth in Trustee permit conditions.

The as-built structures do not meet *Chapter 275. Wetlands and Shoreline Article II. Permits § 275-11. Construction and operation standards.*

Chapter 275 states: *Standards for residential and commercial docks; general rules. It shall be the policy of the Town of Southold that all docks shall be designed, constructed and located so as to reduce a dock's potential adverse impacts to navigation, public safety, waterway congestion, access to public trust lands and water, and natural resources and habitats. The following standards will serve as a basis for granting, denying, or limiting permits for the construction of docks.*

- 1. The structures were constructed without a Chapter 275 Wetlands Permit.**
- 2. The as-built includes 1960 SF of CCA-treated decking.**
- 3. What is the composition of the dredge spoil used on-site?**
- 4. The number and size of vessels that could be moored are not shown.**

Pursuant to Chapter 268, the Board of Trustees shall consider this recommendation in preparing its written determination regarding the consistency of the proposed action.

Cc: Honorable Lori Hulse, Attorney



L. K. McLean Associates Engineering & Surveying, D.P.C.

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❖ 25 Newbridge Road • Suite 212 • Hicksville • New York • 11801

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<https://www.lkma.com>

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KEVIN J. PETERMAN, P.E.
KARA M. O'NEILL, GISP, MBA

May 19, 2025

Town of Southold, Suffolk County, New York
Southold Board of Trustees
PO Box 1179
Southold, New York 11971

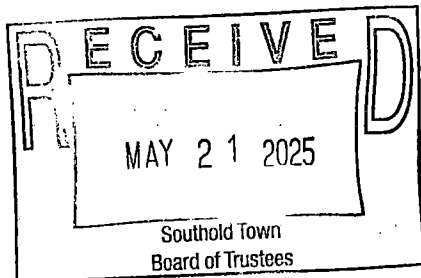
Re: Wetland Permit Application
5505 W. Mill Road Marina Improvements (SCTM# 1000-106-6-1)
LKMA # 23103.000

Attn. Elizabeth Cantrell:

As Consulting Engineers for the Daniel Cooke, the property owner, we are submitting on their behalf a revised plan set for an improvement project at the above referenced site. Enclosed herewith for your review is the following:

- Mattituck Marina Plans (2 copies)

If you have any questions please call the undersigned.



Very truly yours,
L. K. McLean Associates Engineering & Surveying, D.P.C.

Keith J. Masseria, Vice President

Cc: Daniel Cooke, Owner

Established 1950

Project Description – 5505 W. Mill Road Marina Improvements

This project includes the replacement of a 161'± portion of existing bulkhead and other improvements to the existing timber decking at the marina located in Mattituck, along Mattituck Creek, which connects to the Long Island Sound. This marina houses fishing vessels as well as commercial party boats docking approximately 12 boats with varying sizes.

Bulkhead

It is proposed to remove approximately 160 LF of existing bulkhead in its entirety and construct a new ±161 feet long vinyl bulkhead along the north side of the marina. The existing bulkhead is deteriorated and in need of replacement. The existing bulkhead will be removed and legally disposed of at an NYSDEC approved upland facility.

Bulkhead item	Section Length (Ft)	Sheet Material	Sheeting Height (Ft)	Anchor System
20	161	SG-950	26	Yes

(See General Plan for section locations)

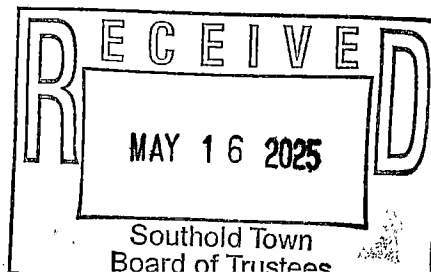
The face of the proposed SG-950 vinyl sheeting in Section A-A will be installed landward of the existing bulkhead, varying from 15 feet in the south end of the marina to 32 feet in the north end, to generate more space within the existing boat basin. By installing the new bulkhead landward of existing, approximately 4,030 square feet of underwater land will be created. This will also allow boats to dock without interfering with the federal navigation channel.

The suitable excavated fill from the area between existing and proposed sheeting will be used to fill and grade out the area landward of proposed sheeting to finish grade. Any excess material will be legally disposed of. Approximately 2,015 CY will be excavated. All unsuitable material will be removed from the site and be disposed of legally at a NYSDEC approved upland facility. The top of the new bulkhead is proposed to be installed at elevation 6.00± NAVD88, which is approximately 1.8' higher than the existing bulkhead. The new bulkhead will also include 8"x8" greenheart exterior wales, 3"x8" greenheart rear wale, 2"x10" greenheart top cap, and #11 grade 75 steel tie rods.

It is proposed to excavate the soil between the existing and proposed sheeting to a maximum depth of -8.86 NAVD88 (6 feet below M.L.W.). This area is a total of 4,030 SF.

Approximately 370 CY of material will be spread around the site as depicted in the plans, raising the finish grade from approximately 4" to 18". Any excess material not used as backfill for the bulkhead or spread around the site will be removed from the site and legally disposed of at a NYSDEC approved upland facility. A silt fence is to be placed on the project site bounding the work areas to prevent sediment/silt migration off of the work area.

A turbidity curtain is proposed to be installed seaward of the proposed work area in order to minimize in water turbidity and disturbance as a result of this work.



Breakwater

It is proposed to install a 26'-0" vinyl breakwater in place of the existing timber bulkhead on the northern side. The breakwater will consist of greenheart lumber and piles with vinyl sheeting. This breakwater will serve to protect the boats docking at this location.

Mooring Piles

It is proposed to install 10 new 35 feet long mooring piles.

Floating Docks

There are no existing floating docks at this location. Once the new bulkhead is constructed, approximately 1,635 square feet of new floating dock with untreated decking will be installed. The proposed floating dock will have a width of 6 feet for 102 feet and a width of 8 feet for 53 feet. The reason for being 8 feet wide is to provide room adjacent to the 40-foot long aluminum gangway. It is proposed to install approximately 10 guide piles for the new floating dock system.

Timber Decking

Along the southern sections of the marina, where the existing bulkhead is to remain, the existing deteriorated timber decking shall be removed and replaced with CCA timber decking. It is proposed to replace approximately 1,960 square feet of decking with widths varying from ± 6 feet to ± 10 feet (See General Plan for section locations).

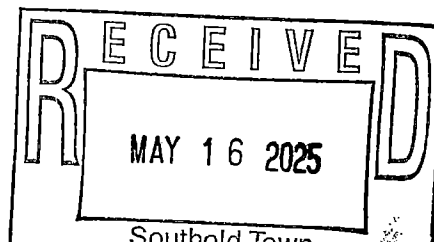
Pump-out Station

As per the Town of Southold requirements, a pump-out station with the capacity of holding 1,000 gallons shall be installed on the project site. This station shall also hold capacity for potable water in the need for washing out existing tanks.

Summary

- Install new ± 161 LF Vinyl Bulkhead landward of existing bulkhead. New bulkhead is proposed 15 to 32 feet landward of existing. Approximately 2,015 CY will be excavated between the existing and proposed bulkheads. Approximately 4,030 SF of underwater land will be created.
- Install 26'-0" Vinyl Breakwater in place of existing timber bulkhead
- Install 10 new 35 feet long mooring piles.
- Install approximately 1,635 square feet of new floating dock with untreated timber decking. Install 10 guide piles for the new floating dock system.
- Install approximately 1,960 SF of decking with widths varying from ± 6 LF to ± 10 LF.
- Install pump-out station with 1,000 gallon capacity.

All NYSDEC, ACOE and DOS permitting requirements will be met.





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May 12, 2025

Town of Southold, Suffolk County, New York
Southold Board of Trustees
PO Box 1179
Southold, New York 11971

Re: Wetland Permit Application
5505 W. Mill Road Marina Improvements (SCTM# 1000-106-6-1)
LKMA # 23103.000

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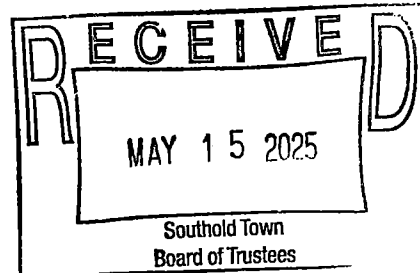
- Mattituck Marina Plans (4 copies)

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Very truly yours,
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Cc: Daniel Cooke, Owner



Established 1950