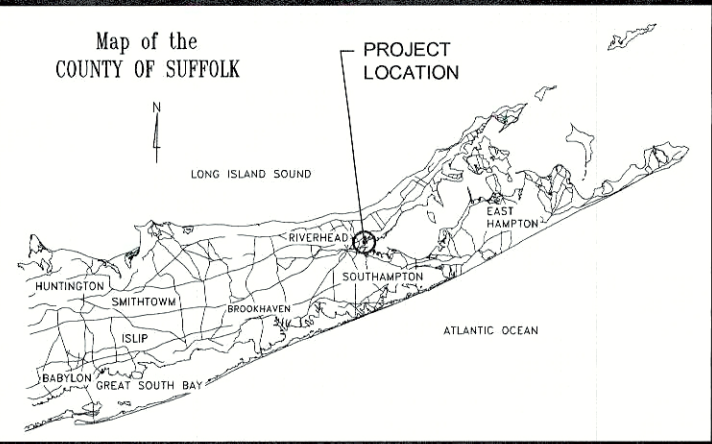




COUNTY OF SUFFOLK
DEPARTMENT OF PUBLIC WORKS

PERMIT PLANS FOR
INDIAN ISLAND COUNTY PARK
TERRYS CREEK WETLAND
RESTORATION PROJECT

TOWN OF RIVERHEAD
SUFFOLK COUNTY, NEW YORK

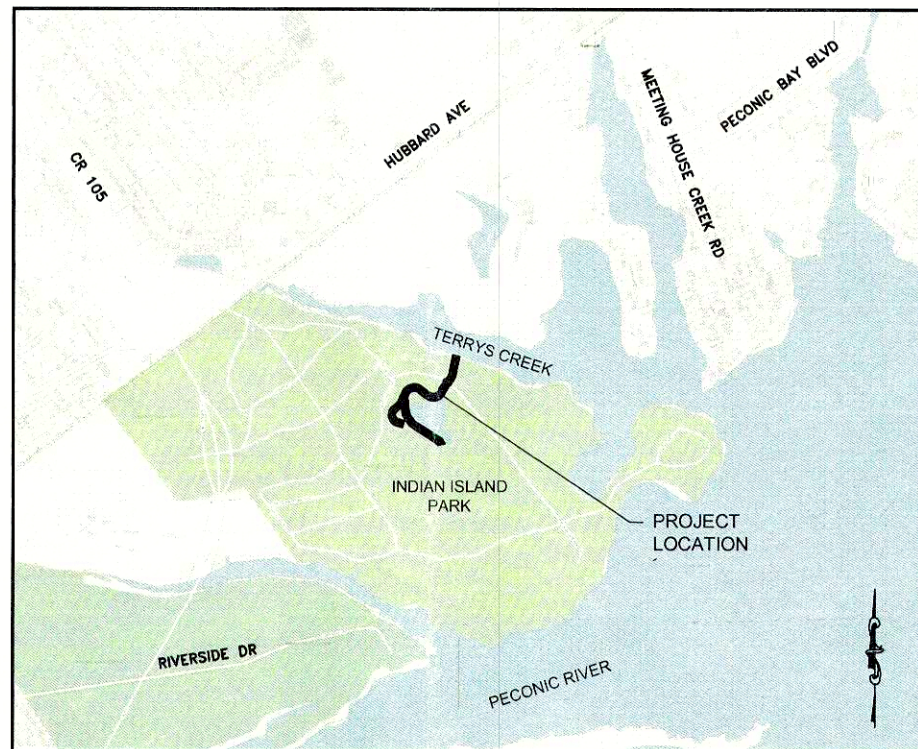
CAPITAL PROJECT N°. 8710.141

PREPARED AND
RECOMMENDED BY: **LKMA** L. K. McLEAN ASSOCIATES, P.C.
CONSULTING ENGINEERS 437 SOUTH COUNTRY RD., BROOKHAVEN, NEW YORK 11719

APPROVED BY: _____
RAYMOND DIBIASE, P.E. - NYSPE Lic. No. 56985

DATE: _____

ALL WORK CONTEMPLATED UNDER THIS CONTRACT SHALL BE COVERED BY AND IN CONFORMITY WITH THE SPECIFICATIONS ADOPTED NOVEMBER 1, 1968 AS AMENDED BY THE COMMISSIONER OF PUBLIC WORKS OF THE COUNTY OF SUFFOLK, N.Y., AND ENTITLED "PUBLIC WORKS SPECIFICATIONS" AS WELL AS THE GENERAL SPECIFICATIONS FOR TRAFFIC SIGNAL INSTALLATION, DATED JAN. 1980, AND THE ADDENDUM DATED JULY 1991 EXCEPT AS EXCEPT AS MODIFIED ON THIS PLAN AND IN THE PROPOSAL.



LOCATION MAP
0 2000
SCALE IN FEET

INDEX OF DRAWINGS

DRAWING NAME:	SHEET NO.
COVER SHEET & INDEX	1 OF 12
EXISTING CONDITIONS - PLAN	2 OF 12
EXISTING CONDITIONS - PHOTOS	3 OF 13
GENERAL PLAN - 1	4 OF 13
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GRADING AND ALIGNMENT PLAN	6 OF 13
CHANNEL PROFILE - 1	7 OF 13
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MISCELLANEOUS DETAILS - 1	12 OF 13
MISCELLANEOUS TABLES	13 OF 13

NYSDEC
APPROVED AS PER TERMS
AND CONDITIONS OF
PERMIT NO. 1-4730-00268/12
DATE 11/16/2021
page 1 of 13

NYS DOT STANDARD SHEETS

203-04, 203-05, 209-3, 604-02, 606-09, 606-10, 606-11, 608-01, 609-02, 609-03, 611-01, 619-10, 619-11, 619-21, 619-30, 645-01, 645-03, 655-03, 655-04, 655-05, 685-01

Prepared under Article 6 - Section 116 of the Highway Law

APPROVED BY: _____ DATE: _____
WILLIAM HILLMAN, P.E., CHIEF ENGINEER

APPROVED BY: _____ DATE: _____
JOE BROWN, P.E., COMMISSIONER OF PUBLIC WORKS

PLAN REVIEWED BY		
SECTION	INITIAL	DATE
HIGHWAY DESIGN		
CONSULTANT MANAGEMENT		
TRAFFIC SAFETY		
BRIDGES, STRUCTURES & WATERWAYS		
CONSTRUCTION		

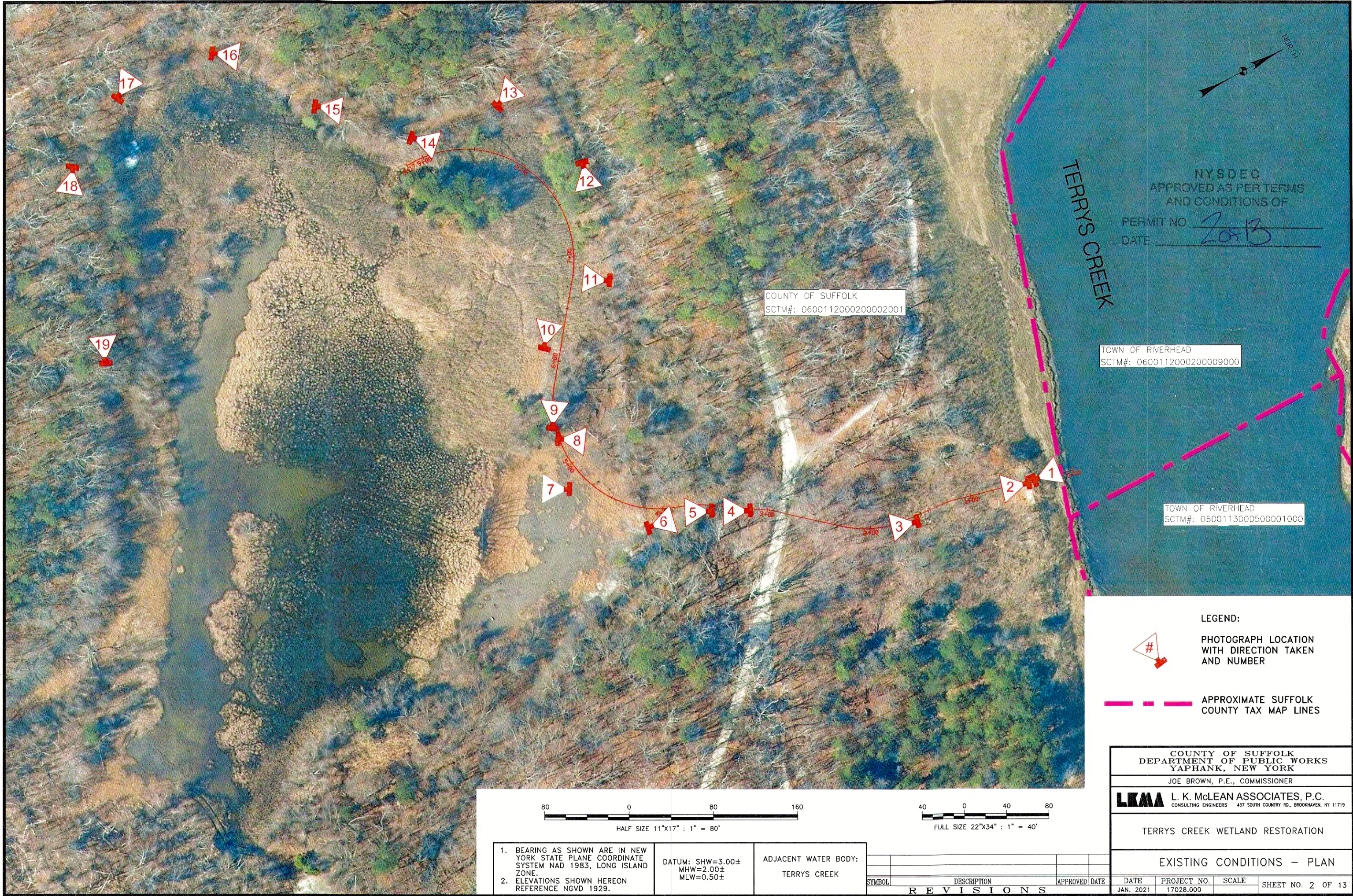
THE EDUCATION LAW OF THE STATE OF NEW YORK PROHIBITS ANY PERSON FROM ALTERING ANYTHING ON THE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATIONS, UNLESS IT'S UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, WHERE SUCH ALTERATIONS ARE MADE, THE PROFESSIONAL ENGINEER MUST SIGN AND SEAL, DATE AND DESCRIBE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

Jan 13, 2021 01:35pm
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DRAWN BY:

CHECKED BY:

DESIGNED BY:



LEGEND:



PHOTOGRAPH LOCATION
WITH DIRECTION TAKEN
AND NUMBER



APPROXIMATE SUFFOLK
COUNTY TAX MAP LINES

COUNTY OF SUFFOLK
DEPARTMENT OF PUBLIC WORKS
YAPHANK, NEW YORK

JOE BROWN, P.E., COMMISSIONER



L. K. McLEAN ASSOCIATES, P.C.
CONSULTING ENGINEERS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719

TERRY'S CREEK WETLAND RESTORATION

EXISTING CONDITIONS - PLAN

1. BEARING AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE.
2. ELEVATIONS SHOWN HEREON REFERENCE NGVD 1929.

DATUM: SHW=3.00±
MHW=2.00±
MLW=0.50±

ADJACENT WATER BODY:
TERRY'S CREEK

SYMBOL	DESCRIPTION	APPROVED	DATE
REVISIONS			

DATE	PROJECT NO.	SCALE	SHEET NO.
JAN. 2021	17028.000		2 OF 13



PHOTO NO. 1



PHOTO NO. 2



PHOTO NO. 3



PHOTO NO. 4



PHOTO NO. 5



PHOTO NO. 6



PHOTO NO. 7



PHOTO NO. 8



PHOTO NO. 9

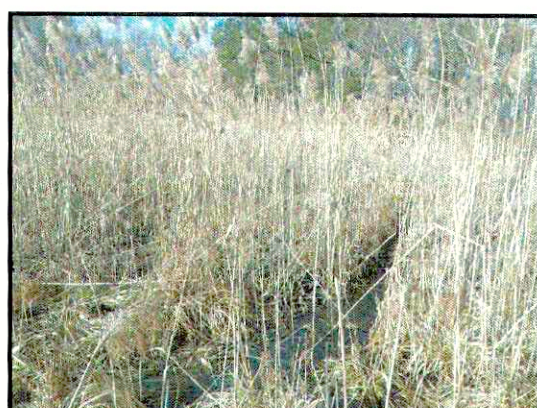


PHOTO NO. 10



PHOTO NO. 11



PHOTO NO. 12



PHOTO NO. 13



PHOTO NO. 14



PHOTO NO. 15



PHOTO NO. 16

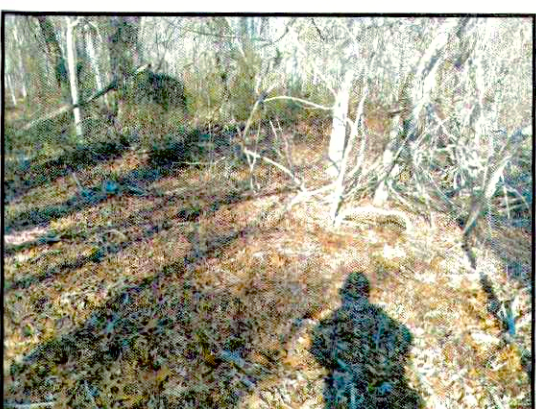


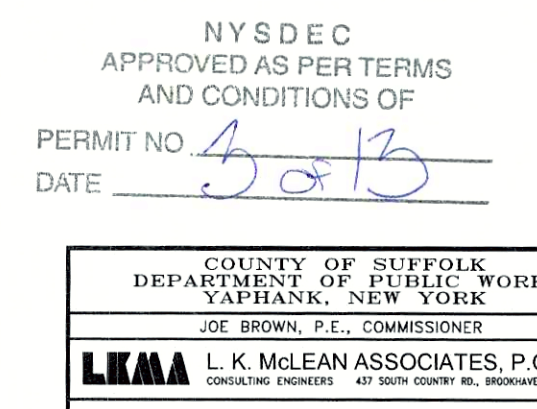
PHOTO NO. 17



PHOTO NO. 18



PHOTO NO. 19



NYS DEC
APPROVED AS PER TERMS
AND CONDITIONS OF
PERMIT NO. 5013
DATE 5/13

COUNTY OF SUFFOLK
DEPARTMENT OF PUBLIC WORKS
YAPHANK, NEW YORK

JOE BROWN, P.E., COMMISSIONER
LKMA L. K. McLEAN ASSOCIATES, P.C.
CONSULTING ENGINEERS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719

TERRYS CREEK WETLAND RESTORATION

EXISTING CONDITIONS - PHOTOS

1. BEARING AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE.
2. ELEVATIONS SHOWN HEREON REFERENCE NGVD 1929.

DATUM: SHW=3.00±
MHW=2.00±
MLW=0.50±

ADJACENT WATER BODY:
TERRYS CREEK

SYMBOL	DESCRIPTION	APPROVED	DATE
REVISIONS			

DATE	PROJECT NO.	SCALE	SHEET NO.
JAN, 2021	17028.000		3 OF 13



NYS DEC
APPROVED AS PER TERMS
AND CONDITIONS OF
PERMIT NO. 42B
DATE _____

1. BEARING AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE.
2. ELEVATIONS SHOWN HEREON REFERENCE NGVD 1929.

ADJACENT WATER BODY:
TERRYS CREEK

COUNTY OF SUFFOLK DEPARTMENT OF PUBLIC WORKS YAPHANK, NEW YORK	
JOE BROWN, P.E., COMMISSIONER	
	L. K. McLEAN ASSOCIATES, P.C. CONSULTING ENGINEERS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11793

GENERAL PLAN-1

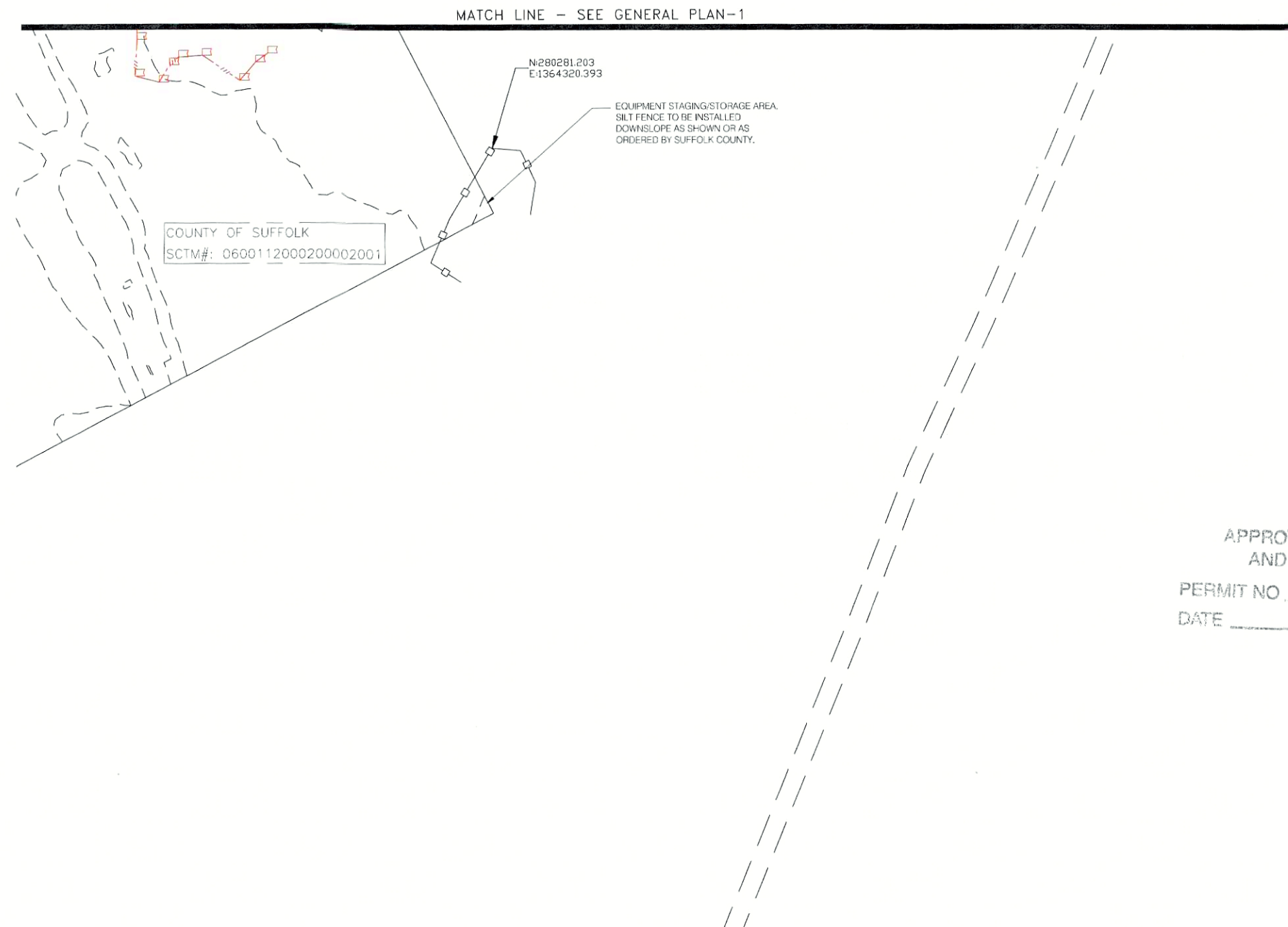
DATE	PROJECT NO.	SCALE	SHEET NO. 4 OF 13
JAN. 2021	17028.000		

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DRAWN BY:

CHECKED BY:

DESIGNED BY:



- NOTES:
1. PROPOSED BERM AND PROPOSED CHANNEL SHALL BE CAPPED WITH 12" OF CLEAN FILL. SEE SECTION A-A.
 2. VERTICAL DATUM: NGVD 1929
 3. HORIZONTAL DATUM: NAD 1983
 4. IT IS PROPOSED TO EXCAVATE A TOTAL OF 5,082 CY± TO CREATE THE NEW CHANNEL.
 5. APPROXIMATELY 144 CY± WILL BE EXCAVATED SEAWARD OF SHW.
 6. APPROXIMATELY 10,574 SF± OF TIDAL WETLAND VEGETATION WILL BE RESTORED AND 36,958 SF± OF TIDAL WETLANDS WILL BE CREATED.
 7. NO EXCAVATED MATERIAL WILL LEAVE THE SITE. ALL EXCAVATED MATERIAL (4,891 CY±) WILL BE PLACED ADJACENT TO THE PROPOSED CHANNEL TO CREATE A NEW BERM. THE TOP OF THE BERM WILL BE ELEVATION 12.80±.
 8. THE NEW BERM WILL BE CAPPED WITH 12" OF CLEAN FILL. APPROXIMATELY 2,170 CY± WILL BE REQUIRED TO CAP THE BERM.
 9. THE NEW CHANNEL WILL BE CAPPED WITH 12" OF CLEAN FILL. APPROXIMATELY 1,765 CY± WILL BE REQUIRED TO CAP THE CHANNEL.

LEGEND:

- BELOW MEAN LOW WATER (UNPLANTED)
- INTERTIDAL MARSH AREA
- FLOODPLAIN/HIGH MARSH AREA
- PROPOSED SILT FENCE
- PROPOSED LIMITS OF CLEARING, GRADING AND GROUND DISTURBANCE
- PROPOSED TURBIDITY CURTAIN
- SOIL SAMPLE LOCATIONS
- PROPOSED CONTOURS
- EXISTING CONTOURS
- PROPOSED TREE REMOVAL
- CHANNEL ALIGNMENT
- WETLAND LIMITS AS FLAGGED BY GARY GENTILE RLA (2018)
- PROPOSED TOPSOIL & HYDROSEED
- PROPOSED GRAVEL ROADWAY
- PROPOSED RIP-RAP
- PROPOSED CONCRETE BOX CULVERT
- APPROXIMATE SUFFOLK COUNTY TAX MAP LINES

NYSDEC
APPROVED AS PER TERMS
AND CONDITIONS OF
PERMIT NO. 5 of 13
DATE 5 of 13

80 0 80 160
HALF SIZE 11"x17" : 1" = 80'

40 0 40 80
FULL SIZE 22"x34" : 1" = 40'

1. BEARING AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE.
2. ELEVATIONS SHOWN HEREON REFERENCE NGVD 1929.

DATUM: SHW=3.00±
MHW=2.00±
MLW=0.50±

ADJACENT WATER BODY:
TERRYS CREEK

SYMBOL	DESCRIPTION	APPROVED DATE
REVISIONS		

COUNTY OF SUFFOLK
DEPARTMENT OF PUBLIC WORKS
YAPHANK, NEW YORK

JOE BROWN, P.E., COMMISSIONER



L. K. McLEAN ASSOCIATES, P.C.
CONSULTING ENGINEERS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719

TERRYS CREEK WETLAND RESTORATION

GENERAL PLAN-2

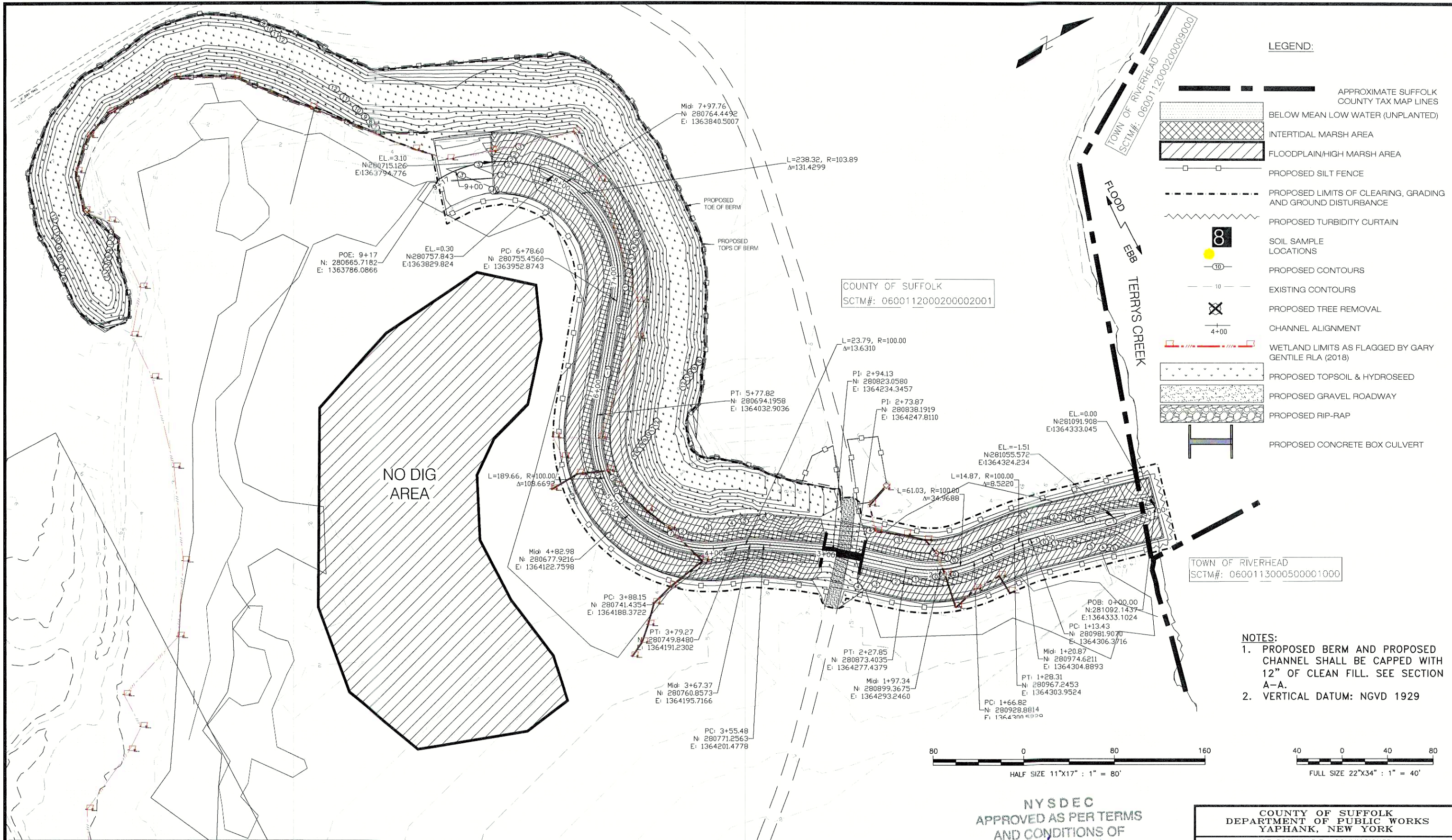
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JAN. 2021	17028.000		5 OF 13

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DRAWN BY:

CHECKED BY:

DESIGNED BY:



PLANTING SCHEDULE						
SYM	QTY	BOTANICAL NAME	COMMON NAME	SPACING	ROOT	SIZE
	15,000	SPARTINA ALTERNIFLORA	LOW MARSH CORD GRASS	24" O.C.	POT	3" P.P.
	50,000	SPARTINA PATENS	MEADOW GRASS	24" O.C.	POT	3" P.P.

- BEARING AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE.
- ELEVATIONS SHOWN HEREON REFERENCE NGVD 1929.

DATUM: SHW=3.00±
MHW=2.00±
MLW=0.50±

ADJACENT WATER BODY:
TERRYS CREEK

NYSDEC
APPROVED AS PER TERMS
AND CONDITIONS OF
PERMIT NO. 6 OF 13
DATE 6/13

SYMBOL	DESCRIPTION	APPROVED DATE

COUNTY OF SUFFOLK DEPARTMENT OF PUBLIC WORKS YAPHANK, NEW YORK JOE BROWN, P.E., COMMISSIONER			
LKMA L. K. McLEAN ASSOCIATES, P.C. CONSULTING ENGINEERS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
TERRYS CREEK WETLAND RESTORATION			
GRADING AND ALIGNMENT PLAN			
DATE JAN. 2021	PROJECT NO. 17028.000	SCALE	SHEET NO. 6 OF 13

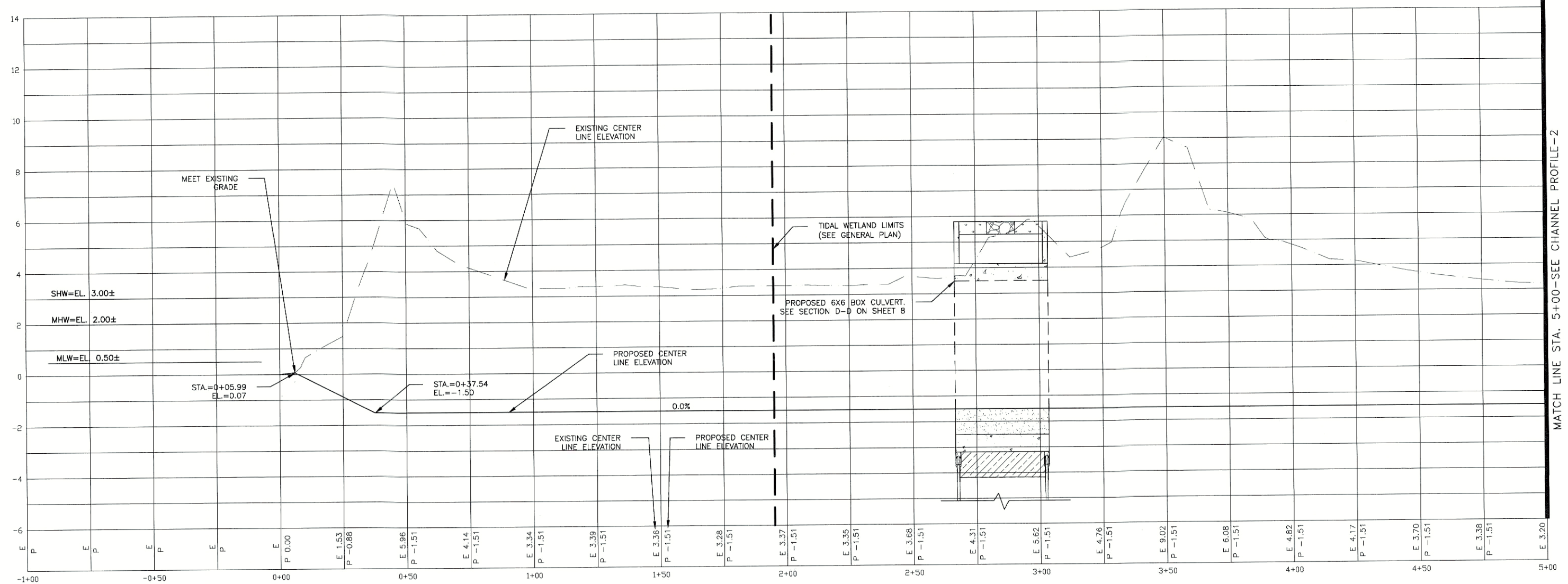
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CHECKED BY:

DESIGNED BY:

NYS DEC
APPROVED AS PER TERMS
AND CONDITIONS OF
PERMIT NO. 7 OF 13
DATE 7/09/13



CHANNEL BOTTOM PROFILE-1

HALF SIZE 11"x17" SCALE: FULL SIZE 22"x34" SCALE:
HORIZ. 1"=40' HORIZ. 1"=20'
VERT. 1"= 4' VERT. 1"= 2'

1. BEARING AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE.
2. ELEVATIONS SHOWN HEREON REFERENCE NGVD 1929.

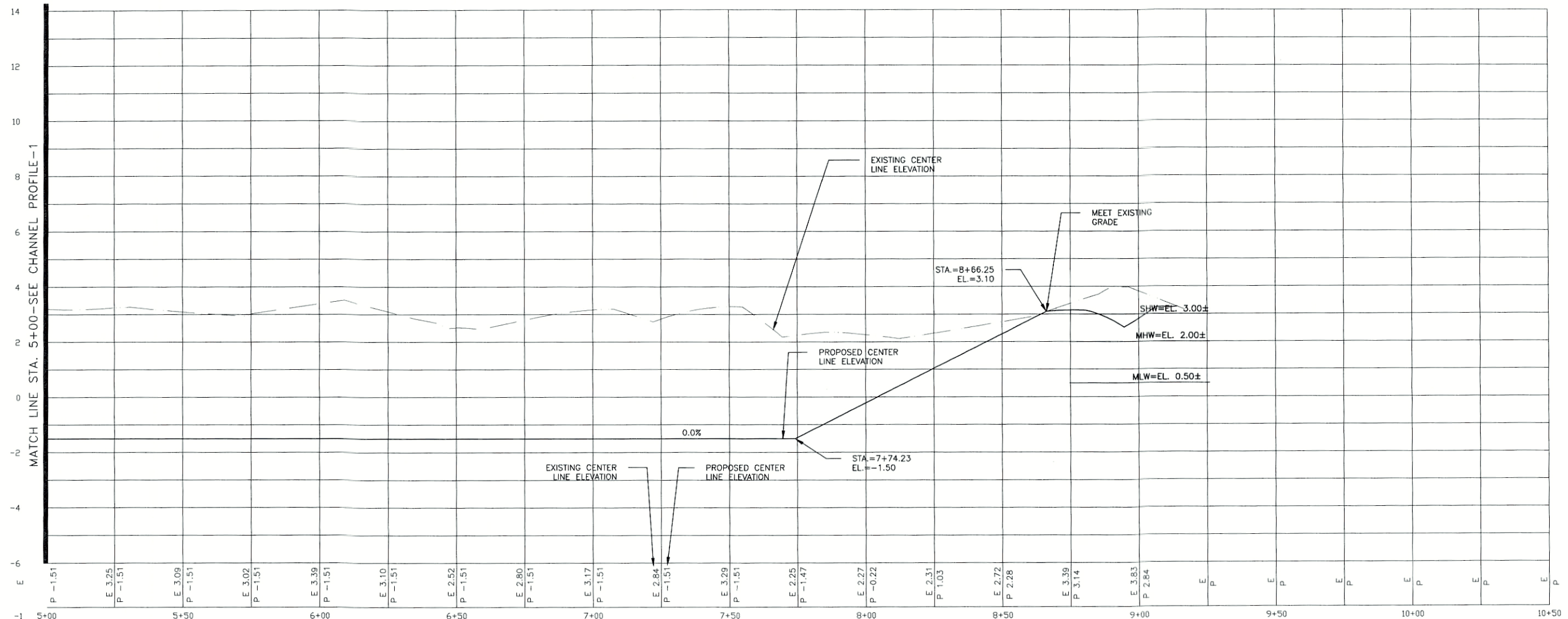
DATUM: SHW=3.00±
MHW=2.00±
MLW=0.50±

ADJACENT WATER BODY:
TERRYS CREEK

SYMBOL	DESCRIPTION	APPROVED	DATE
REVISIONS			

COUNTY OF SUFFOLK DEPARTMENT OF PUBLIC WORKS YAPHANK, NEW YORK			
JOE BROWN, P.E., COMMISSIONER			
LKMA L. K. McLEAN ASSOCIATES, P.C. CONSULTING ENGINEERS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
TERRYS CREEK WETLAND RESTORATION			
CHANNEL PROFILE-1			
DATE	PROJECT NO.	SCALE	SHEET NO. 7 OF 13
JAN. 2021	17028.000		

NYSDEC
APPROVED AS PER TERMS
AND CONDITIONS OF
PERMIT NO. 80513
DATE 8/13



CHANNEL BOTTOM PROFILE-2

HALF SIZE 11"x17" SCALE: FULL SIZE 22"x34" SCALE:
HORIZ. 1"=40' HORIZ. 1"=20'
VERT. 1"= 4' VERT. 1"= 2'

- BEARING AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE.
- ELEVATIONS SHOWN HEREON REFERENCE NGVD 1929.

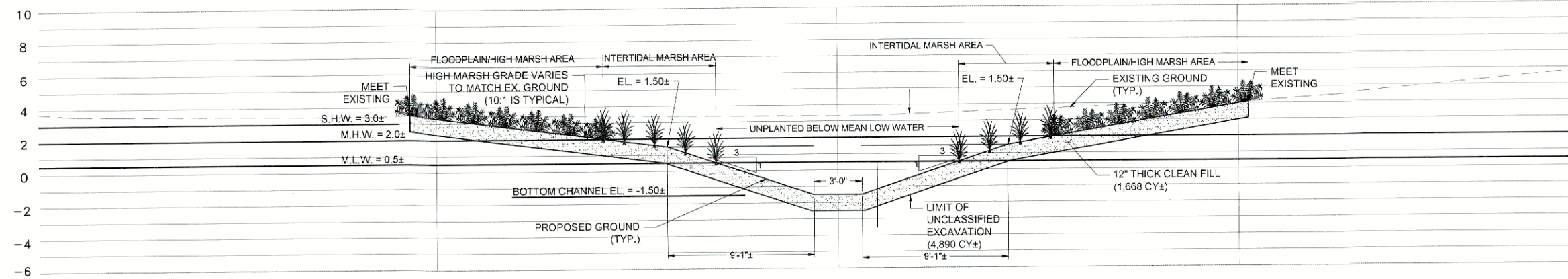
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MLW=0.50±

ADJACENT WATER BODY:
TERRYS CREEK

SYMBOL	DESCRIPTION	APPROVED DATE

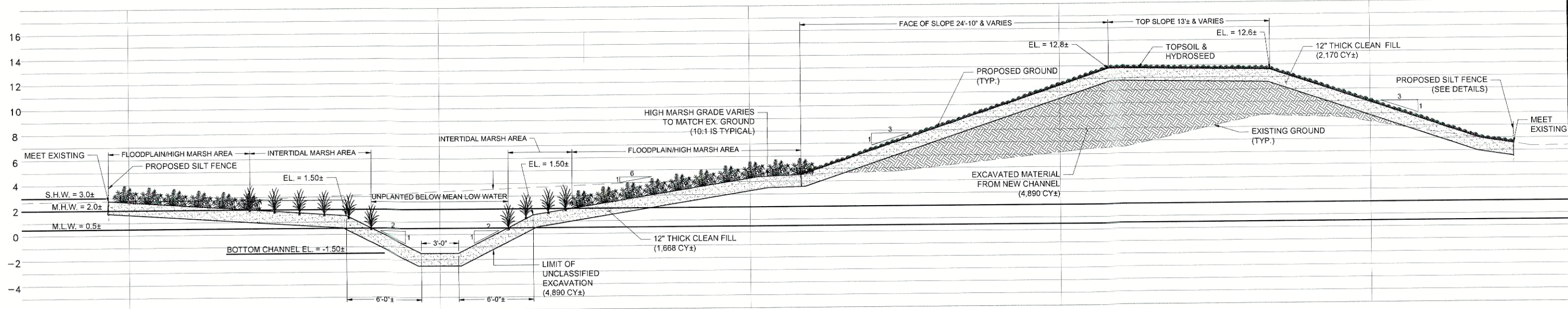
COUNTY OF SUFFOLK DEPARTMENT OF PUBLIC WORKS YAPHANK, NEW YORK			
JOE BROWN, P.E., COMMISSIONER			
LKMA L. K. McLEAN ASSOCIATES, P.C. CONSULTING ENGINEERS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
TERRYS CREEK WETLAND RESTORATION			
CHANNEL PROFILE-2			
DATE JAN. 2021	PROJECT NO. 17028.000	SCALE	SHEET NO. 8 OF 13

- NOTES:
1. PROPOSED BERM AND PROPOSED CHANNEL SHALL BE CAPPED WITH 12" OF CLEAN FILL. SEE SECTION A-A.
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SECTION A-A
FULL SIZE 22"X34" SCALE: 1"=4'
HALF SIZE 11"X17" SCALE: 1"=8'

NYS DEC
APPROVED AS PER TERMS
AND CONDITIONS OF
PERMIT NO. 9 of 13
DATE 10/13



SECTION B-B
FULL SIZE 22"X34" SCALE: 1"=4'
HALF SIZE 11"X17" SCALE: 1"=8'

COUNTY OF SUFFOLK DEPARTMENT OF PUBLIC WORKS YAPHANK, NEW YORK			
JOE BROWN, P.E., COMMISSIONER			
LKMA L. K. McLEAN ASSOCIATES, P.C. CONSULTING ENGINEERS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
TERRYS CREEK WETLAND RESTORATION			
TYPICAL SECTIONS-1			
DATE	PROJECT NO.	SCALE	SHEET NO. 9 OF 13
JAN. 2021	17028.000	AS NOTED	

1. BEARING AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE.	DATUM: SHW=3.00± MHW=2.00± MLW=0.50±	ADJACENT WATER BODY: TERRYS CREEK
2. ELEVATIONS SHOWN HEREON REFERENCE NGVD 1929.		

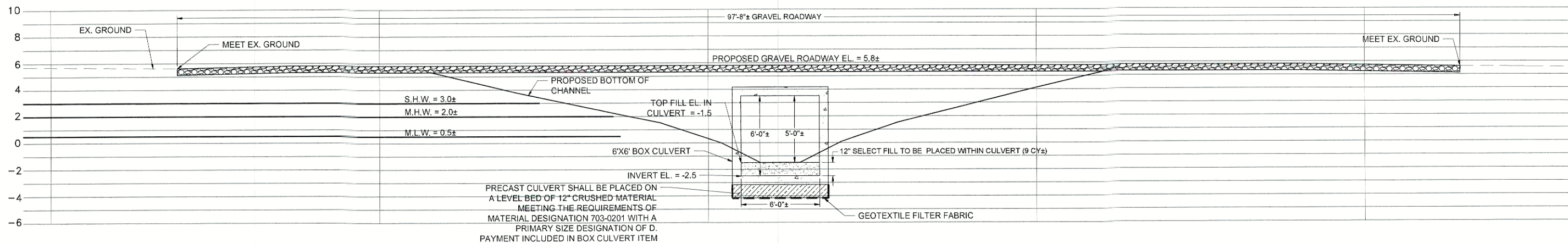
SYMBOL	DESCRIPTION	APPROVED	DATE
	REVISIONS		

DRAWN BY:
CHECKED BY:
DESIGNED BY:

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Jan 13, 2021 - 02:19pm
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DESIGNED BY:
CHECKED BY:
DRAWN BY:

- NOTES:
1. PROPOSED BERM AND PROPOSED CHANNEL SHALL BE CAPPED WITH 12" OF CLEAN FILL. SEE SECTION A-A.
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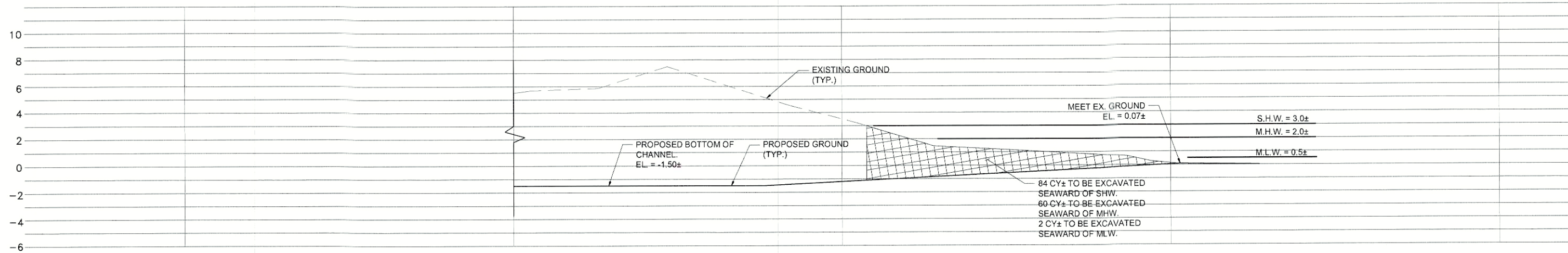


SECTION E-E

FULL SIZE 22"X34" SCALE: 1"=4'
HALF SIZE 11"X17" SCALE: 1"=8'

NYS DEC
APPROVED AS PER TERMS
AND CONDITIONS OF

PERMIT NO. 11 of 13
DATE 11 of 13



SECTION F-F

FULL SIZE 22"X34" SCALE: 1"=4'
HALF SIZE 11"X17" SCALE: 1"=8'

1. BEARING AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE.
2. ELEVATIONS SHOWN HEREON REFERENCE NGVD 1929.

DATUM: SHW=3.00±
MHW=2.00±
MLW=0.50±

ADJACENT WATER BODY:
TERRYS CREEK

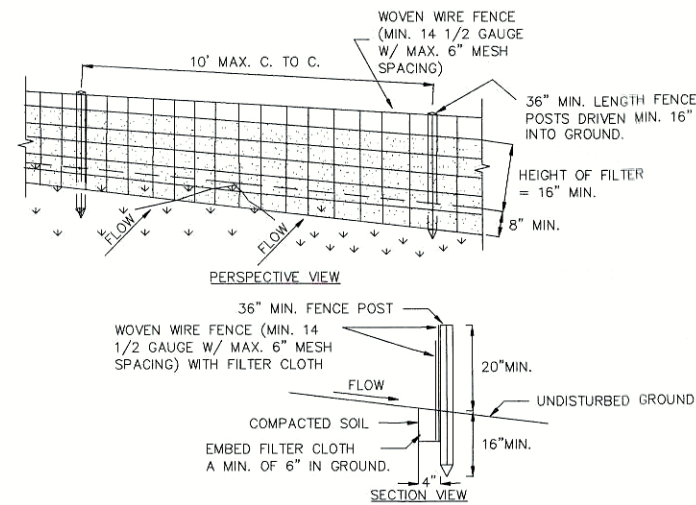
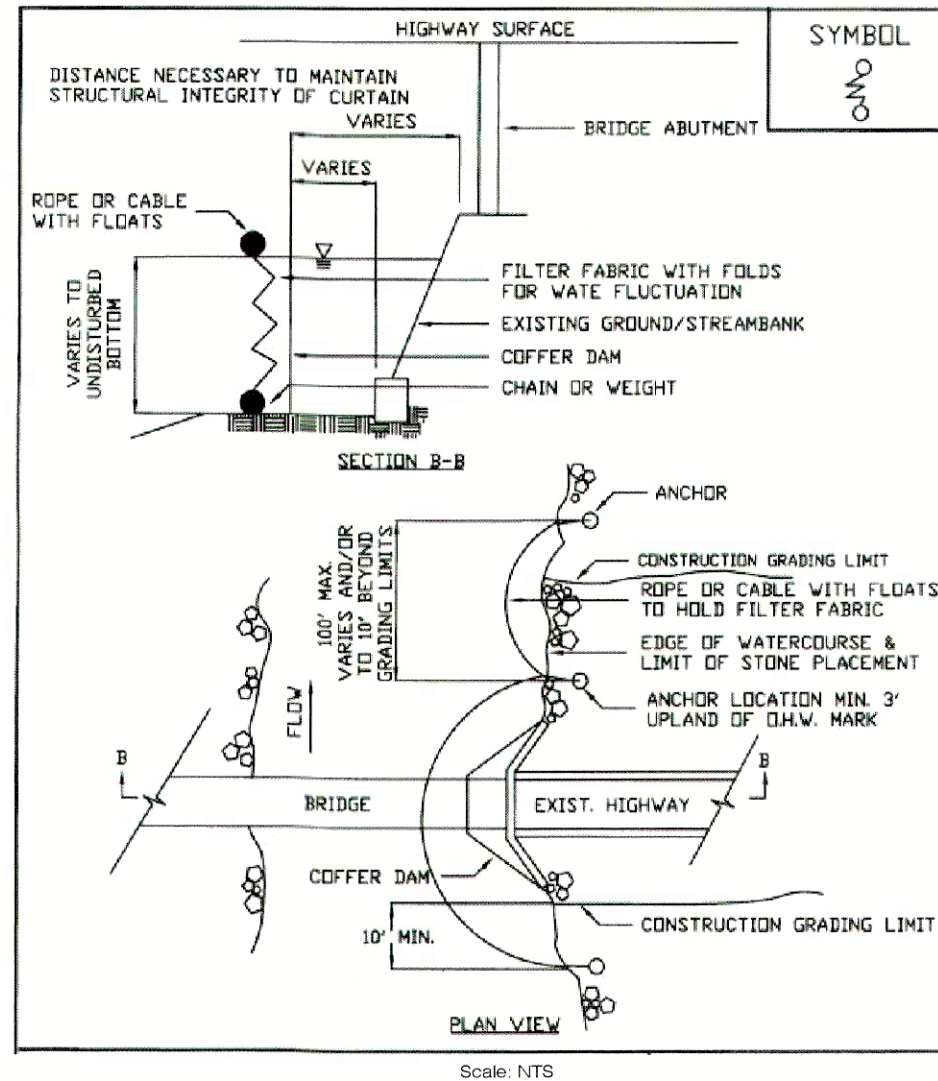
SYMBOL	DESCRIPTION	APPROVED	DATE
REVISIONS			

COUNTY OF SUFFOLK DEPARTMENT OF PUBLIC WORKS YAPHANK, NEW YORK			
JOE BROWN, P.E., COMMISSIONER			
LKMA L. K. McLEAN ASSOCIATES, P.C. CONSULTING ENGINEERS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
TERRYS CREEK WETLAND RESTORATION			
TYPICAL SECTIONS-3			
DATE JAN. 2021	PROJECT NO. 17028.000	SCALE AS NOTED	SHEET NO. 11 OF 13

DRAWN BY:

CHECKED BY:

DESIGNED BY:



CONSTRUCTION SPECIFICATIONS

1. 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
2. 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.
3. When two sections of filter cloth adjoin each other they shall be overlapped by six inches and folded. filter cloth shall be either filter x, mirafi 100x, stabilinka t140n, or approved equivalent.
4. Prefabricated units shall be geofab, envirofence, or approved equivalent.
5. Maintenance shall be performed as needed and material removed when "bulges" develop in the silt fence.

Silt Fence
Scale: NTS

NYS DEC
APPROVED AS PER TERMS
AND CONDITIONS OF
PERMIT NO. 120813
DATE 12/08/13

COUNTY OF SUFFOLK
DEPARTMENT OF PUBLIC WORKS
YAPHANK, NEW YORK

JOE BROWN, P.E., COMMISSIONER

LKMA L. K. McLEAN ASSOCIATES, P.C.
CONSULTING ENGINEERS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719

TERRYS CREEK WETLAND RESTORATION

MISCELLANEOUS DETAILS-1

1. BEARING AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE.
2. ELEVATIONS SHOWN HEREON REFERENCE NGVD 1929.

DATUM: SHW=3.00±
MHW=2.00±
MLW=0.50±

ADJACENT WATER BODY:
TERRYS CREEK

SYMBOL	DESCRIPTION	APPROVED	DATE
REVISIONS			

DATE	PROJECT NO.	SCALE	SHEET NO. 12 OF 13
JAN. 2021	17028.000	AS NOTED	

Jan 12, 2021 -- 03:40pm
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DESIGNED BY:
CHECKED BY:
DRAWN BY:

TABLE OF TREE REMOVAL			
STATION	OFFSET (FT)	CALIPER (INCH)	TREE REMOVAL ITEM
0+49.81	3.63 L	20	614.060403
0+58.15	20.37 R	8	614.060203
0+64.84	24.98 R	10	614.060203
0+59.50	32.52 L	6	614.060103
0+60.12	28.91 L	6	614.060103
0+68.29	4.43 L	10	614.060203
0+76.18	11.99 R	6	614.060103
0+76.69	15.76 R	6	614.060103
0+79.78	4.28 R	8	614.060203
0+88.42	2.95 R	8	614.060203
1+58.10	31.46 L	6	614.060103
1+58.17	27.46 L	12	614.060203
1+64.30	7.85 L	10	614.060203
1+81.11	32.07 L	12	614.060203
1+83.00	33.03 L	6	614.060103
1+91.13	16.73 L	6	614.060103
1+94.96	11.23 L	8	614.060203
1+96.28	14.32 L	6	614.060103
2+01.19	19.46 R	8	614.060203
2+05.51	21.36 R	15	614.060303
1+97.90	29.78 L	12	614.060203
2+01.65	26.53 L	12	614.060203
2+13.11	17.30 R	12	614.060203
2+21.36	15.44 R	10	614.060203
2+23.55	20.71 R	22	614.060403
2+13.01	16.26 L	8	614.060203
2+18.37	9.14 L	8	614.060203
2+23.01	11.70 L	12	614.060203
2+27.38	17.75 L	6	614.060103
2+35.75	15.38 L	8	614.060203
2+45.13	16.52 R	8	614.060203
2+45.72	13.39 R	8	614.060203
2+48.55	16.25 R	8	614.060203
2+44.40	11.07 L	10	614.060203
2+46.83	8.30 L	10	614.060203
2+47.49	13.72 L	10	614.060203
2+49.68	10.39 L	10	614.060203
2+52.57	5.44 L	8	614.060203
2+51.14	7.03 R	12	614.060203
2+53.04	9.21 R	12	614.060203
2+55.83	5.29 R	8	614.060203
2+57.41	3.79 R	8	614.060203
3+05.05	3.41 R	16	614.060303
3+06.37	6.85 R	16	614.060303
3+08.81	2.02 R	16	614.060303
3+10.56	6.29 R	16	614.060303
3+41.42	9.62 R	8	614.060203
3+43.02	17.04 R	8	614.060203
3+53.25	1.30 R	20	614.060403
3+56.43	21.14 R	20	614.060403
3+60.36	13.15 R	10	614.060203
3+66.28	11.41 L	10	614.060203
3+74.44	17.47 R	8	614.060203
3+77.28	16.06 R	10	614.060203
4+00.78	15.42 R	8	614.060203
4+02.11	23.60 R	16	614.060303
4+05.88	24.50 R	10	614.060203
4+25.08	6.49 R	6	614.060103
4+24.83	10.48 R	8	614.060203
4+28.19	7.01 R	6	614.060103
4+30.05	10.13 R	6	614.060103
4+37.67	25.86 R	8	614.060203
4+40.77	28.44 R	8	614.060203
4+41.50	23.33 R	8	614.060203

TABLE OF TREE REMOVAL (CON'T)			
4+45.66	26.73 R	8	614.060203
4+73.65	21.63 R	6	614.060103
4+68.87	30.04 R	6	614.060103
4+70.46	33.08 R	6	614.060103
4+73.01	30.24 R	6	614.060103
4+76.03	33.00 R	6	614.060103
4+90.89	28.42 R	20	614.060403
5+36.52	28.31 L	6	614.060103
5+39.21	29.21 L	6	614.060103
5+39.88	24.84 L	6	614.060103
5+41.88	17.67 L	12	614.060203
5+48.77	27.63 L	6	614.060103
5+52.12	28.67 L	6	614.060103
5+48.56	7.45 L	8	614.060203
5+52.14	9.65 L	12	614.060203
5+53.97	7.57 L	12	614.060203
6+07.03	14.13 R	8	614.060203
6+75.00	28.37 R	8	614.060203
6+95.27	25.18 R	18	614.060303
7+00.62	25.35 R	10	614.060203
7+07.18	23.18 R	6	614.060103
7+14.16	16.06 R	6	614.060103
7+21.00	21.17 R	10	614.060203
7+23.08	22.06 R	15	614.060303
7+32.64	22.55 R	12	614.060203
7+38.75	17.91 R	12	614.060203
7+45.74	17.47 R	16	614.060303
7+54.11	27.24 R	24	614.060403
7+55.37	21.11 R	6	614.060103
7+61.35	24.88 R	12	614.060203
7+65.22	22.17 R	10	614.060203
7+73.78	21.10 R	18	614.060303
8+55.73	22.01 R	8	614.060203
8+58.02	24.46 R	8	614.060203
8+66.97	23.76 R	12	614.060203
8+67.96	21.26 R	6	614.060103
8+82.14	12.30 R	6	614.060103
8+84.11	17.33 R	10	614.060203
8+84.36	19.51 R	10	614.060203
8+86.96	16.54 R	15	614.060303
8+96.81	36.96 L	16	614.060303
8+97.26	30.15 L	6	614.060103
8+93.59	10.73 R	6	614.060103
8+93.65	2.48 R	10	614.060203
9+10.05	29.93 L	16	614.060303
9+11.29	26.09 L	12	614.060203
9+06.73	18.45 R	6	614.060103
9+10.43	18.96 R	8	614.060203
9+12.57	23.65 R	8	614.060203
9+11.19	26.27 R	8	614.060203
NA	NA	6	614.060103
NA	NA	8	614.060203
NA	NA	6	614.060103
NA	NA	6	614.060103
NA	NA	8	614.060203
NA	NA	6	614.060103
NA	NA	8	614.060203
NA	NA	16	614.060303
NA	NA	16	614.060303
NA	NA	6	614.060103
NA	NA	16	614.060303
NA	NA	10	614.060203
NA	NA	8	614.060203
NA	NA	6	614.060103
NA	NA	10	614.060203

TABLE OF EXCAVATION AND FILL	
DESCRIPTION	QUANTITY (CY)
Excavation within proposed channel to finished grade.	3,222
Over excavate within channel to 1' below finished grade.	1,668
Total excavation within channel.	4,890
Excavated fill from channel to create berm.	4,890
Clean fill required to cap berm.	2,170
Clean fill required to cap channel.	1,668
Excavation required below mean high water.	60

NYSDEC
APPROVED AS PER TERMS
AND CONDITIONS OF
PERMIT NO. 13 of 13
DATE 13 of 13

1. BEARING AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE.

2. ELEVATIONS SHOWN HEREON REFERENCE NGVD 1929.

DATUM: SHW=3.00±
MHW=2.00±
MLW=0.50±

ADJACENT WATER BODY:

TERRYS CREEK

SYMBOL	DESCRIPTION	APPROVED	DATE
REVISIONS			

DATE	PROJECT NO.	SCALE	SHEET NO. 13 OF 13
JAN. 2021	17028.000		

COUNTY OF SUFFOLK
DEPARTMENT OF PUBLIC WORKS
YAPHANK, NEW YORK

JOE BROWN, P.E., COMMISSIONER

 L. K. McLEAN ASSOCIATES, P.C.
CONSULTING ENGINEERS 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719

TERRYS CREEK WETLAND RESTORATION

MISCELLANEOUS TABLES-1