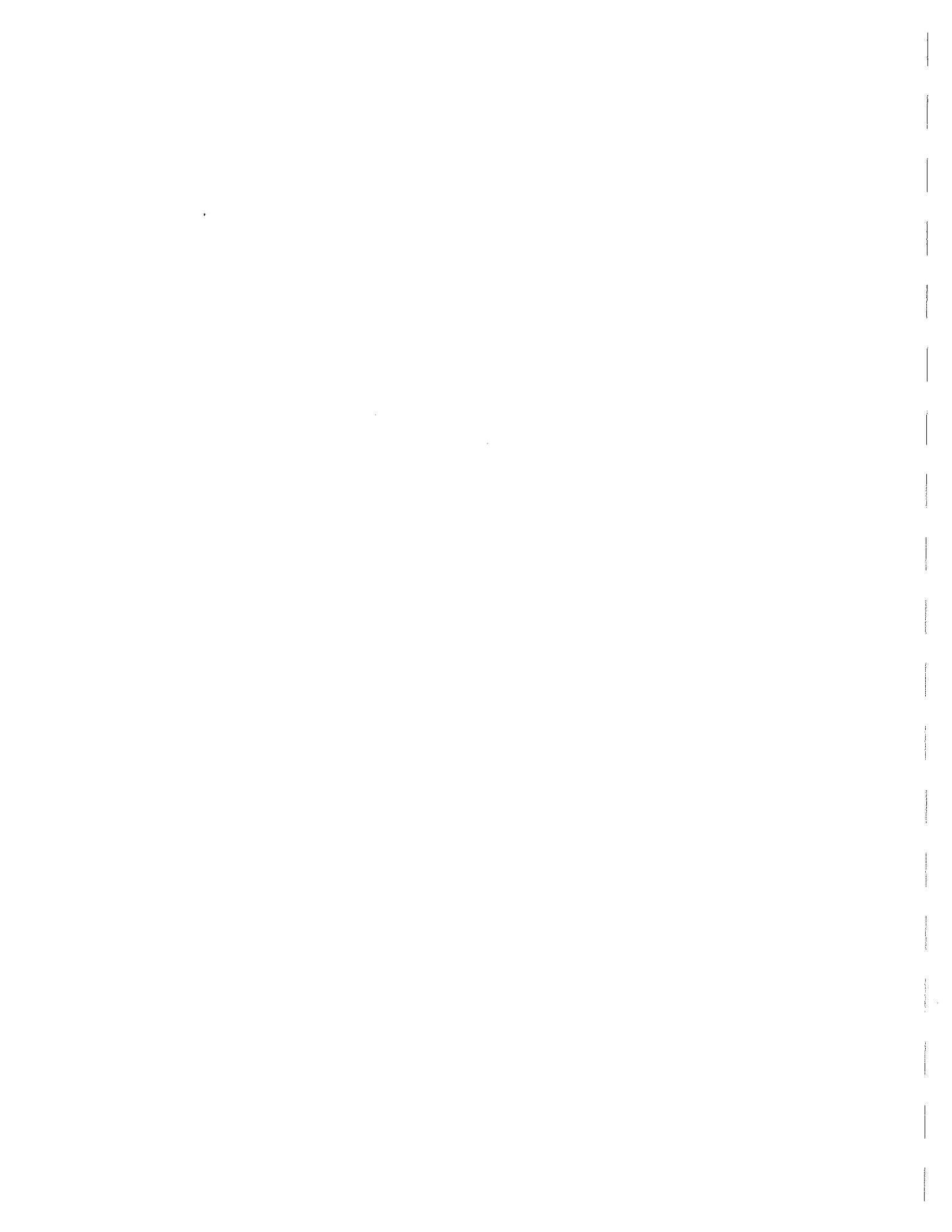


Appendix G

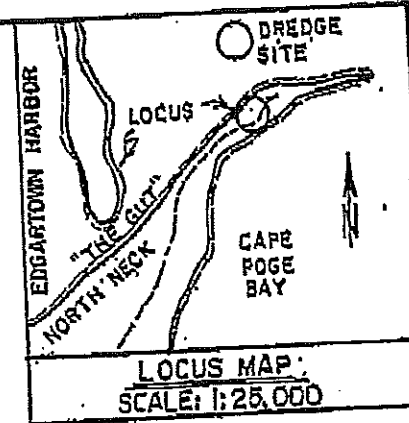
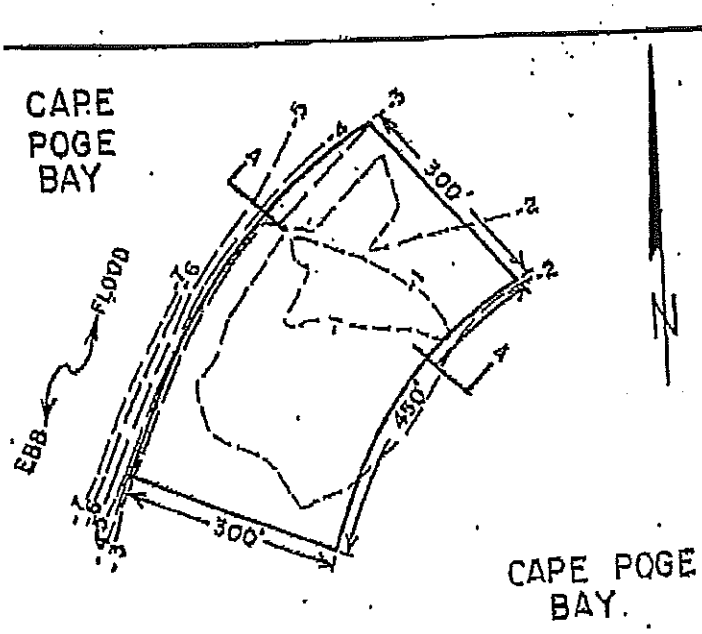
Project Plans



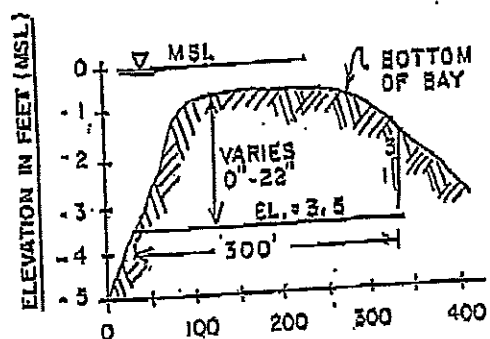
Dredge Areas Locus and Plans



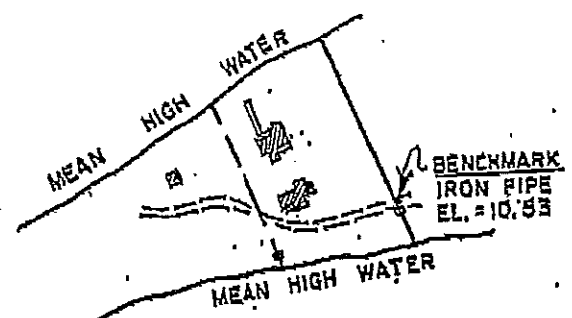
Dredge Site: The Gut



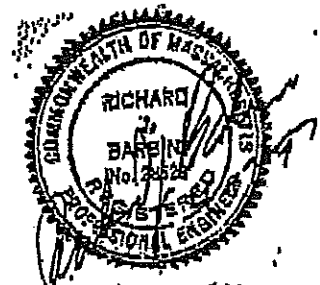
PLAN
SCALE: 1" = 250'



SECTION A-A
VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 200'



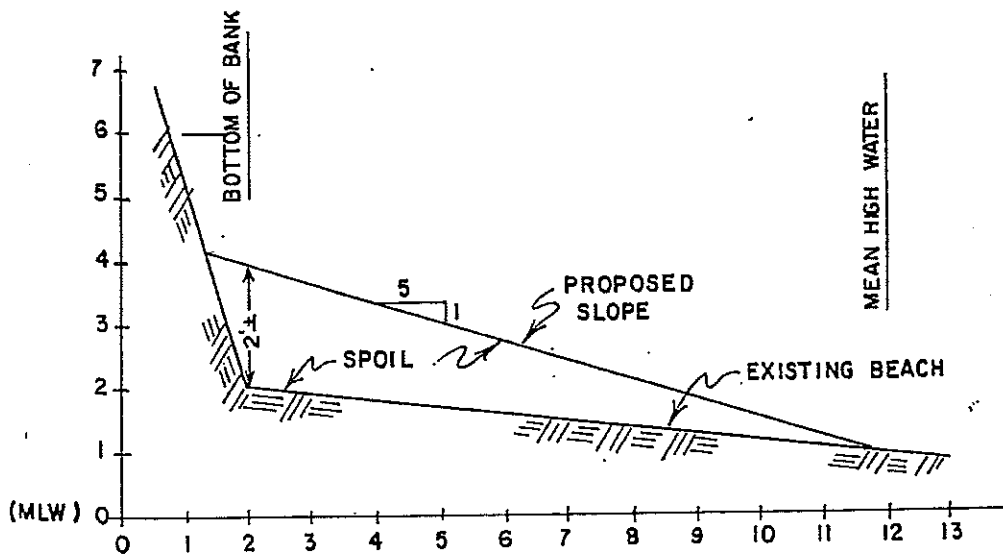
PERMIT NO. 320
Approved by Department of Environmental Protection
Date: **OCT 17 1997**



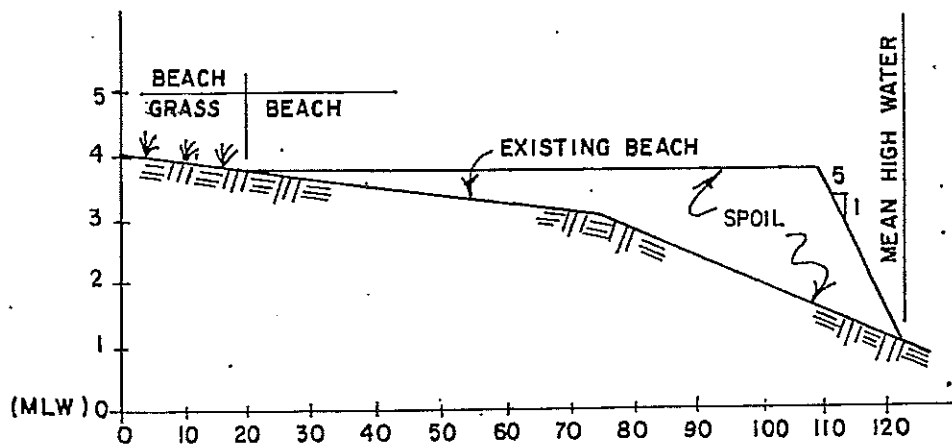
DREDGING PLAN
FOR
"THE GUT"- CAPE POGE POND
PREPARED FOR
TOWN OF EDGARTOWN

SCALE: AS NOTED APRIL 10, 1997
SCHOFIELD, BARBIN & HOEHN, INC.
CIVIL ENGINEERS & LAND SURVEYORS
P.O. BOX 339, VINEYARD HAVEN, MA 02568

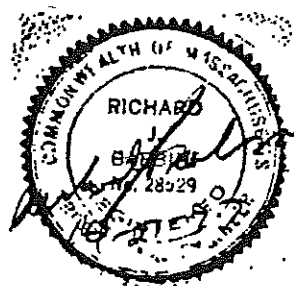
- NOTES:**
- ELEVATIONS REFER TO MEAN SEA LEVEL DATUM.
 - BOTTOM TO BE DREDGED TO ELEVATION -3.5 WITHIN THE LIMITS OF DREDGING.
 - THERE IS NO BEL GRASS WITHIN THE LIMITS OF DREDGING.
 - VOLUME OF MATERIAL TO BE REMOVED = 9,900 CUBIC YDS.



TYPICAL CROSS SECTION AT SECTIONS A & B
(SCALE: 1" = 3')



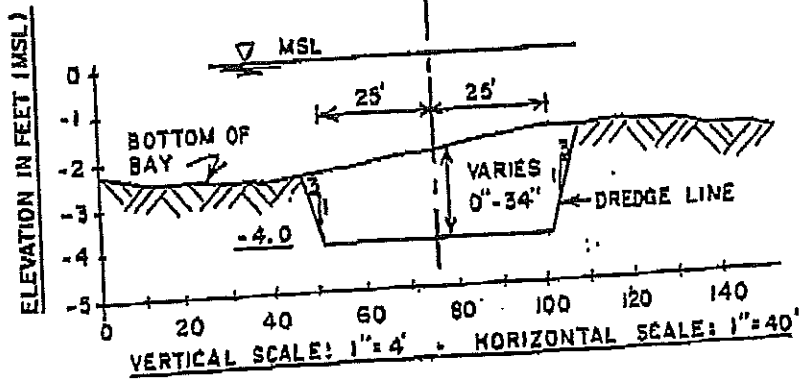
TYPICAL CROSS SECTION AT SECTIONS C, D, E & F
(HORIZONTAL SCALE: 1" = 30')
(VERTICAL SCALE: 1" = 3')



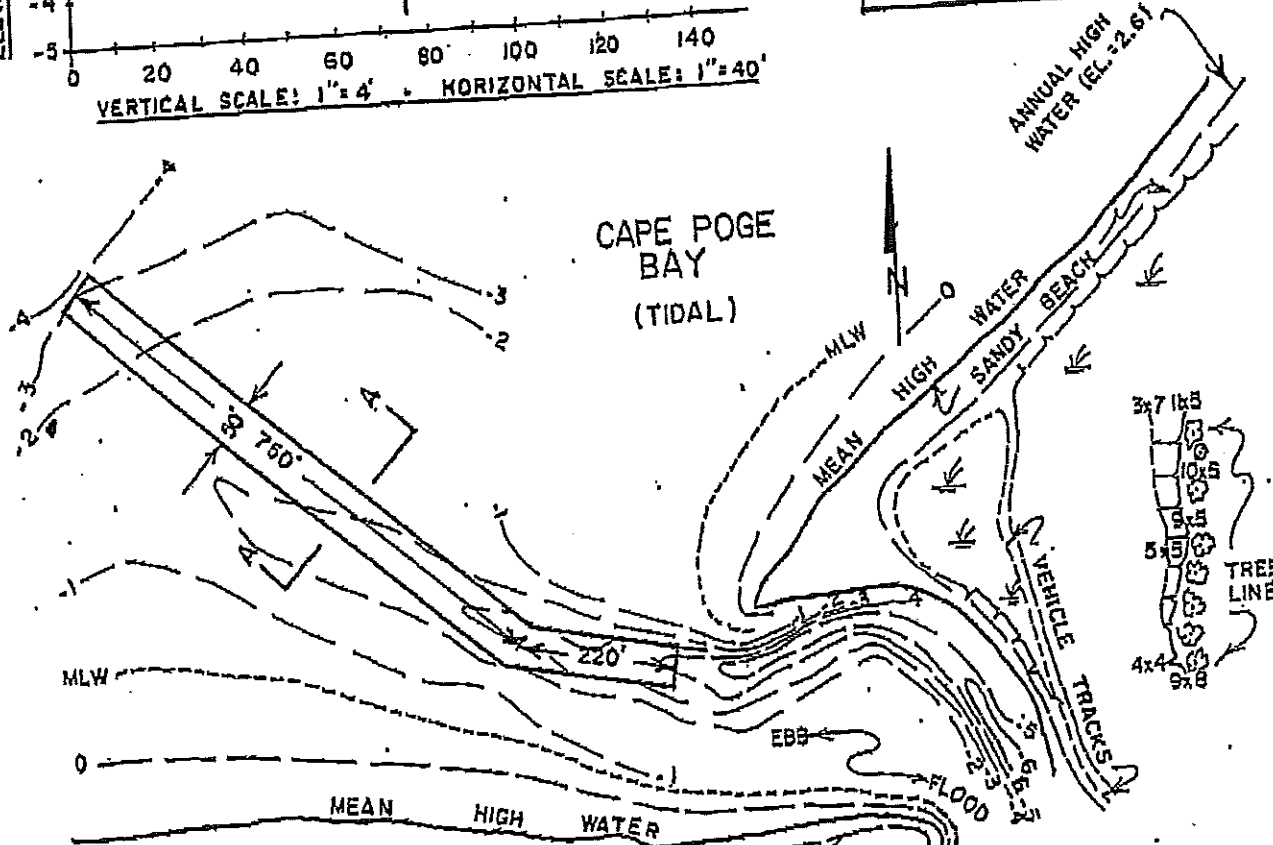
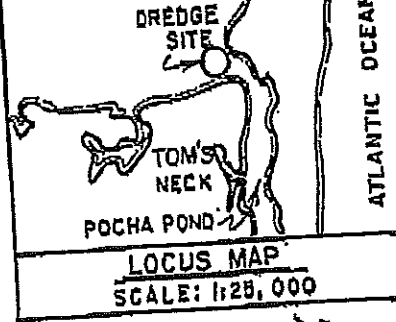
DREDGING PLAN
FOR
"THE GUT"- CAPE POGE POND
PREPARED FOR
TOWN OF EDGARTOWN

SCALE: AS NOTED OCT. 27, 1997
REVISED: NOV. 25, 1997
SCHOFIELD, BARBINI & HOEHN, INC.
CIVIL ENGINEERS & LAND SURVEYORS
P.O. BOX 339, VINEYARD HAVEN, MA 02568

SECTION A-A



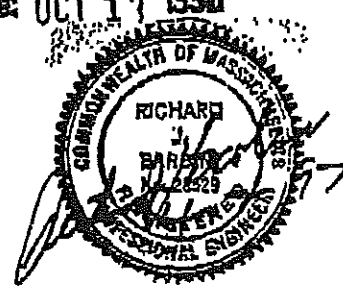
CAPE POGE BAY



PLAN
 SCALE: 1"=60'
 0 20 40 60

ANNUAL HIGH WATER
 (EL. = 2.5)

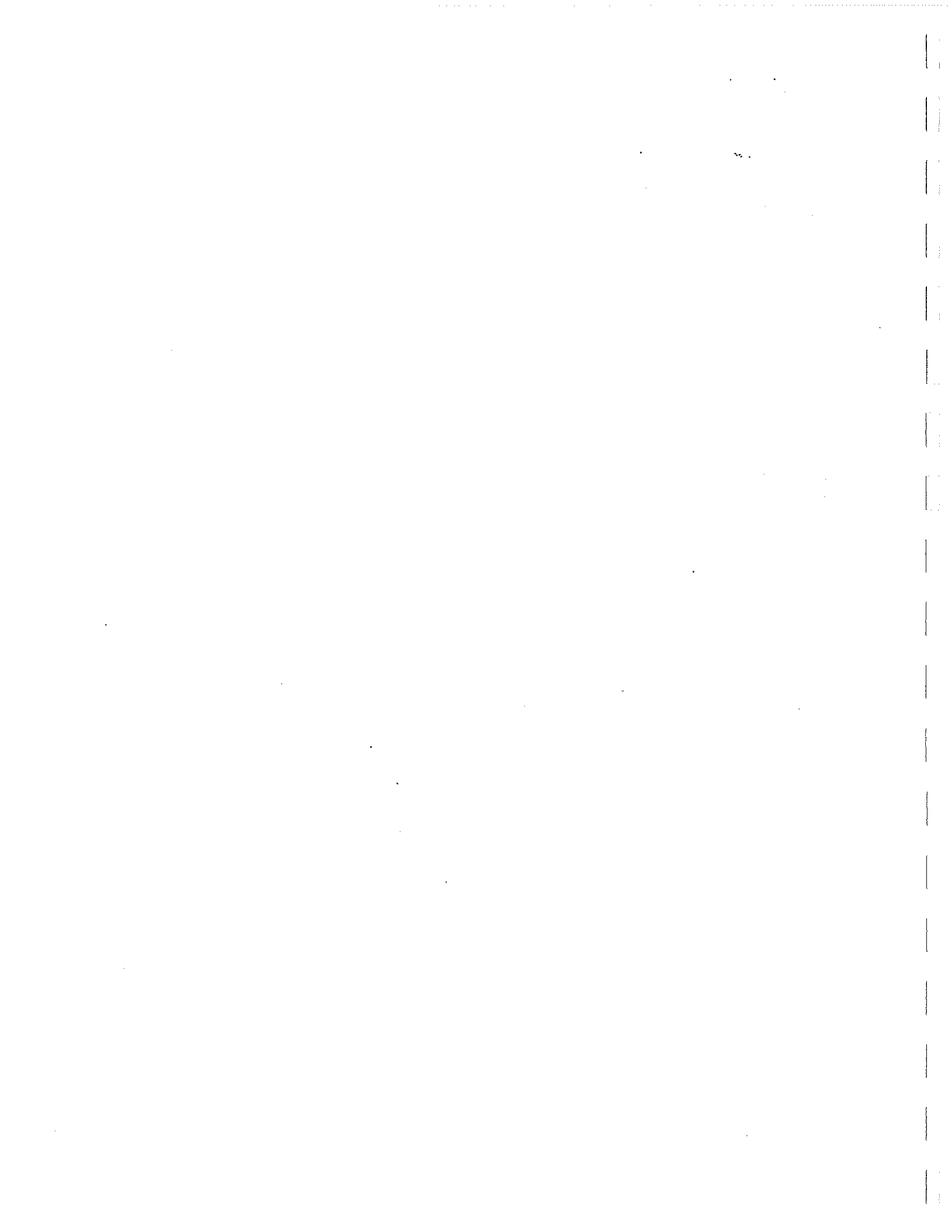
PERMIT NO. 322
 Approved by Department of Environmental Protection
 Date: OCT 17 1997

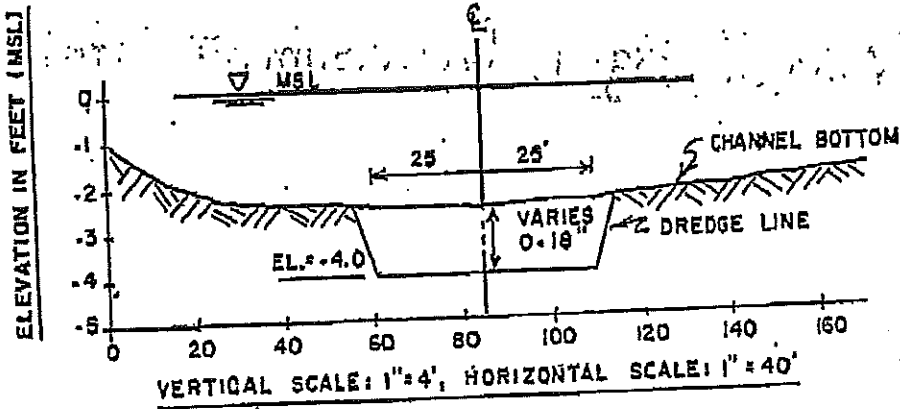


DREDGING PLAN FOR "THE NARROWS"
 PREPARED FOR
TOWN OF EDGARTOWN

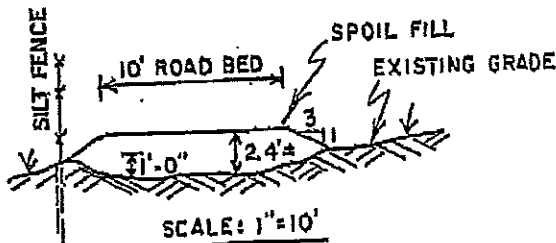
SCALE: AS NOTED APRIL 10, 1997
 SCHOFIELD, BARBINI & HOEHN, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 P.O. BOX 338, VINEYARD HAVEN, MA 02568
 SHEET 1 OF 2
 MV-7041

Dredge Site: Narrows

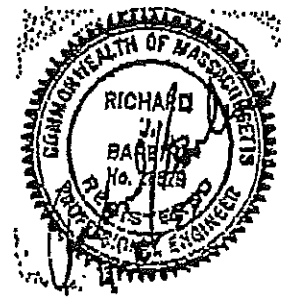




CHANNEL CROSS-SECTION A-A



SECTION B-B



NOTES:

1. ELEVATIONS REFER TO MEAN SEA LEVEL DATUM.
2. VOLUME OF MATERIAL TO BE REMOVED = 1,800 = CUBIC YDS.
3. THERE IS NO EEL GRASS WITHIN THE LIMITS OF THE PROPOSED DREDGING.
4. SILT FENCE TO BE MAINTAINED AS SHOWN THROUGHOUT CONSTRUCTION.
5. BENCHMARK IS GRADE STAKE WITH TACK; ELEVATION = 4.70

PERMIT NO. 323
 Approved by Department of Environmental Protection
 Date: **OCT 17 1997**

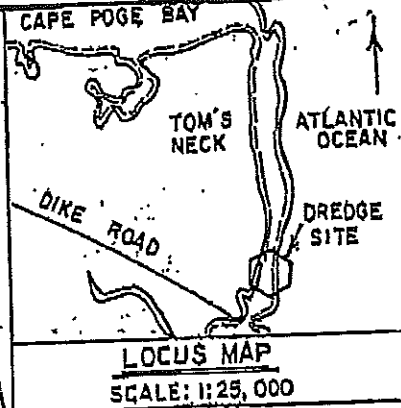
DREDGING PLAN
 FOR
"THE DIKE BRIDGE APPROACH"
 PREPARED FOR
TOWN OF EDGARTOWN
 SCALE: AS NOTED APRIL 10, 1997
 SCHOFIELD, BARBINI & HOEHN, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 P.O. BOX 339, VINEYARD HAVEN, MA 02568
 SHEET 2 OF 2 MV-7041

Dredge Plan: Dike Bridge

Dredge Site: Dike Bridge

DREDGING PLAN FOR "THE DIKE BRIDGE APPROACH" PREPARED FOR TOWN OF EDGARTOWN

SCALE: AS NOTED APRIL 10, 1997
SCHOFIELD, BARBINI & HOEHN, INC.
CIVIL ENGINEERS & LAND SURVEYORS
P.O. BOX 339, VINEYARD HAVEN, MA 02568
SHEET 1 OF 2 MV-7041



PLAN

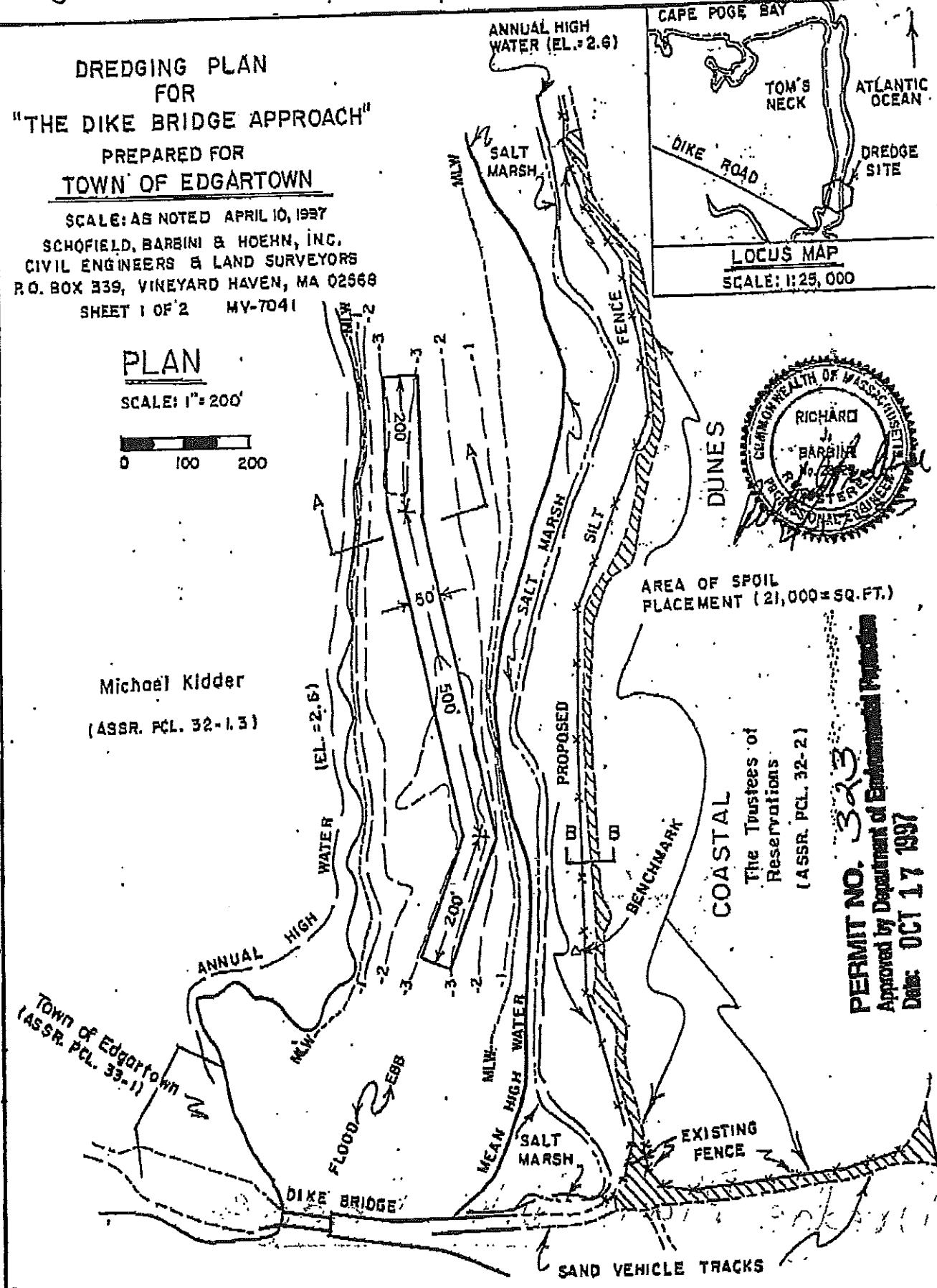
SCALE: 1" = 200'



Michael Kidder
(ASSR. P.C.L. 32-1.3)



AREA OF SPOIL
PLACEMENT (21,000 = SQ. FT.)

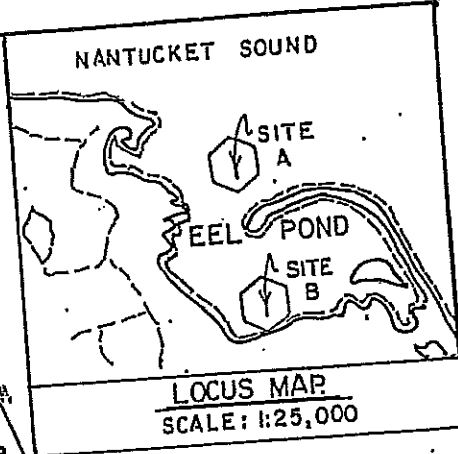
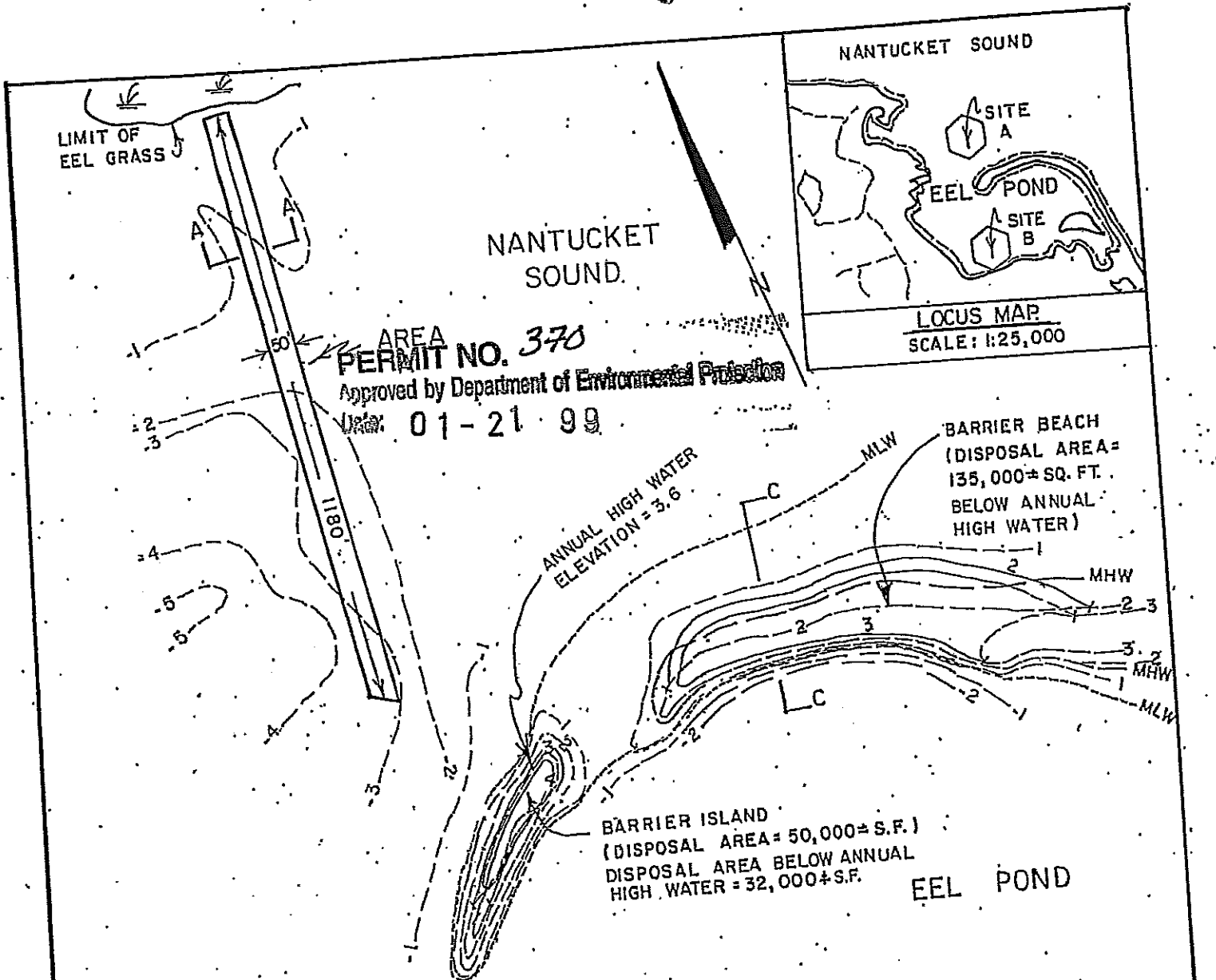


Town of Edgartown
(ASSR. P.C.L. 33-1)

The Trustees of
Reservations
(ASSR. P.C.L. 32-2)

PERMIT NO. **30323**
Approved by Department of Environmental Protection
Date: **OCT 17 1997**

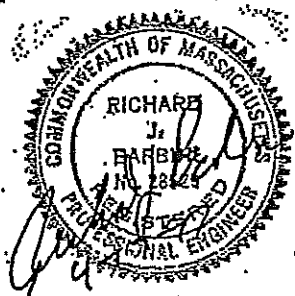
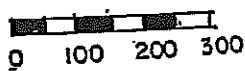
Eel Pond Dredge Disposal Sites



AREA PERMIT NO. 370
 Approved by Department of Environmental Protection
 Date: 01-21-99

PLAN

SCALE: 1" = 300'



DREDGING PLAN
 FOR
 "EEL POND AREAS"
 PREPARED FOR

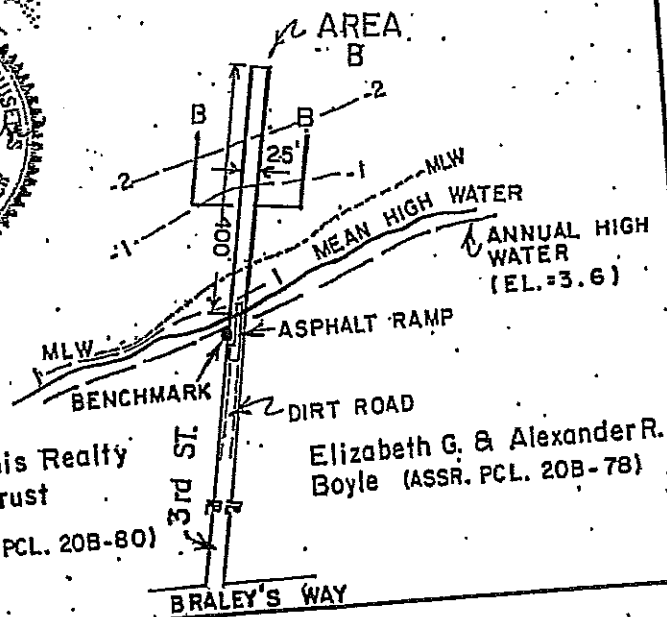
TOWN OF EDGARTOWN

SCALE: AS NOTED. APRIL 10, 1997
 REVISED: AUG. 1, 1997, NOV. 25, 1997, OCT. 23, 1998
 SCHOFIELD, BARBINI & HOEHN, INC.

CIVIL ENGINEERS & LAND SURVEYORS
 P.O. BOX 339, VINEYARD HAVEN, MA 02568

SHEET 1 OF 2

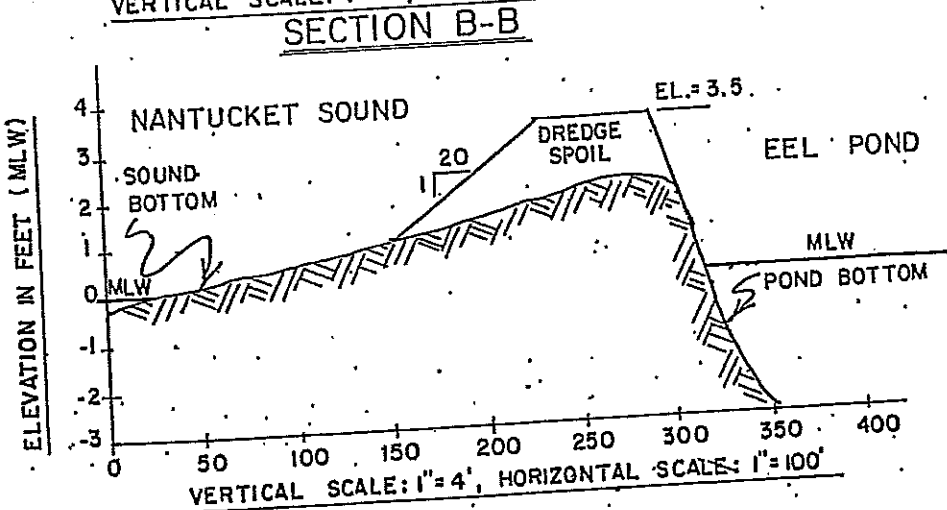
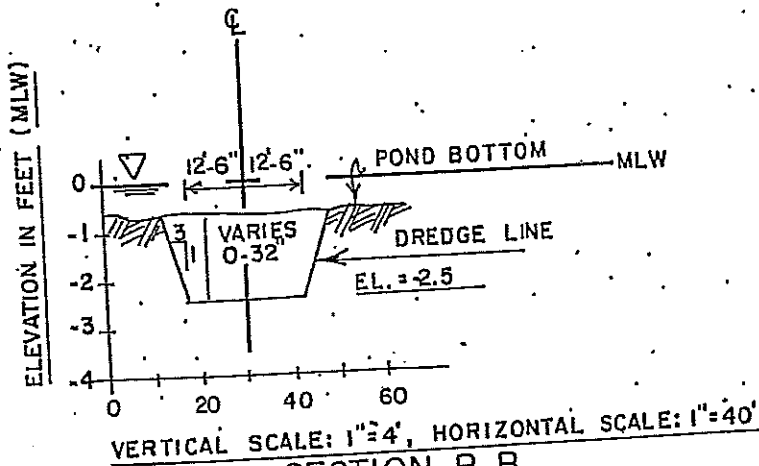
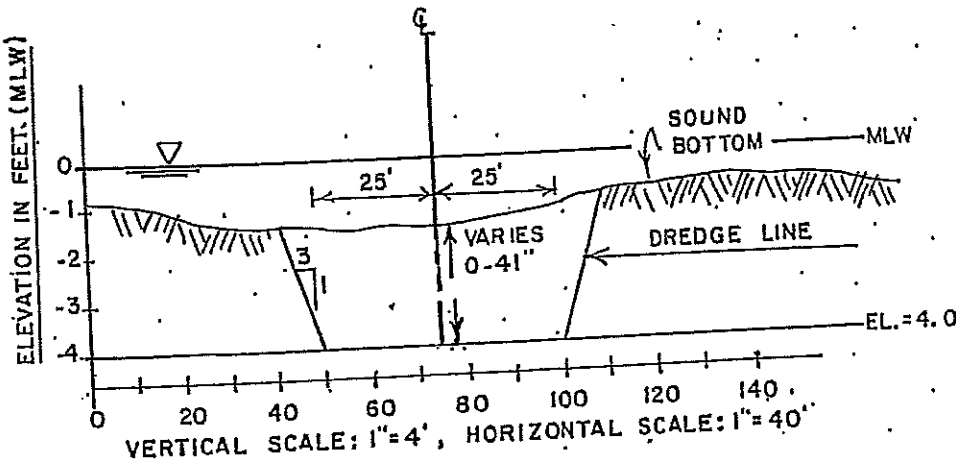
MV-7041



Grannis Realty
 Trust
 (ASSR. PCL. 20B-80)

Elizabeth G. & Alexander R.
 Boyle (ASSR. PCL. 20B-78)

SECTION A-A



SECTION C-C

**DREDGING PLAN
FOR
"EEL POND AREAS"
PREPARED FOR
TOWN OF EDGARTOWN**

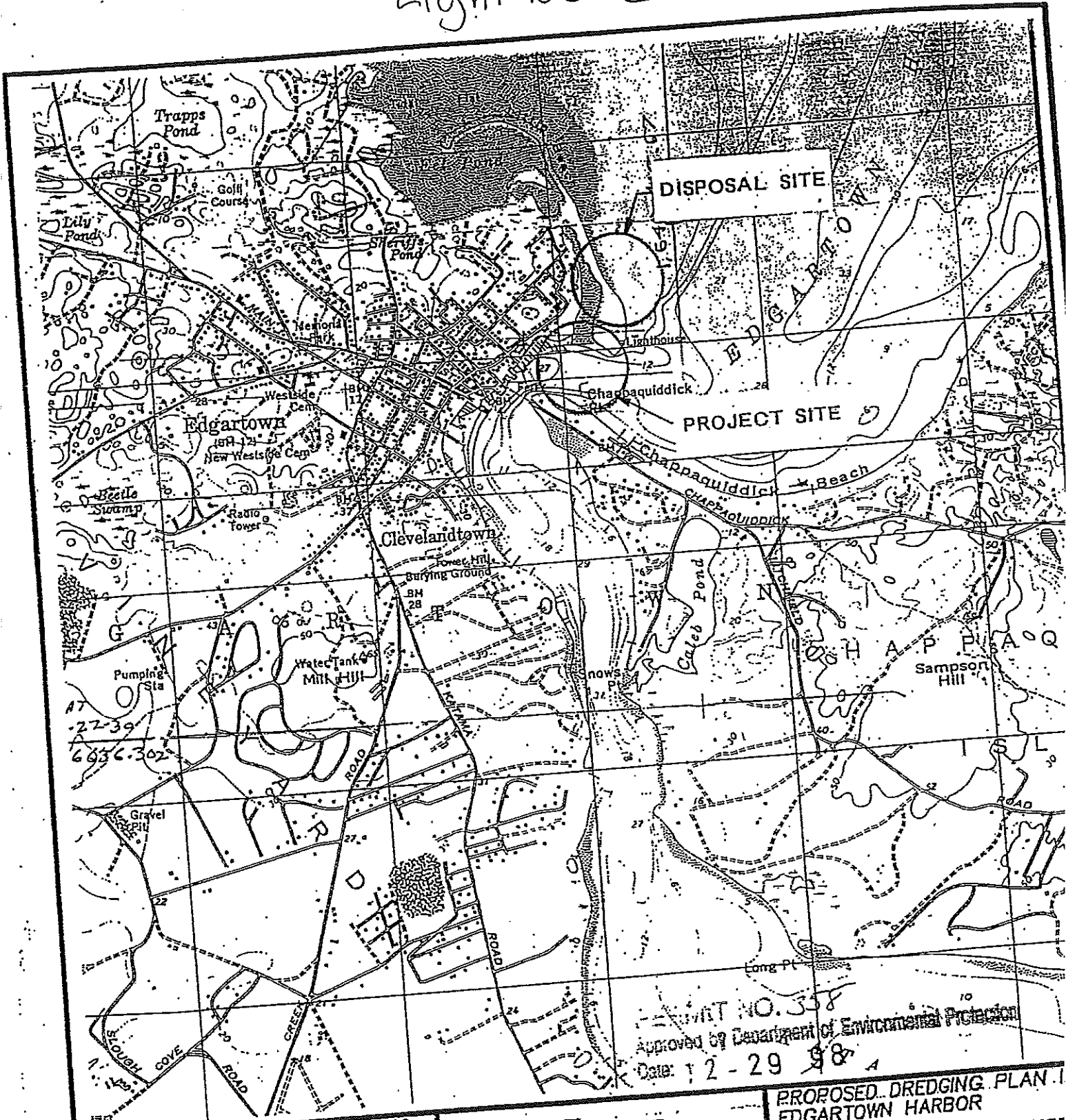
SCALE: AS NOTED APRIL 10, 1997
REVISED: AUG. 1, 1997, NOV. 25, 1997, OCT. 23, 1998
SCHOFIELD, BARBINI & HOEHN, INC.
CIVIL ENGINEERS & LAND SURVEYORS
P.O. BOX 339, VINEYARD HAVEN, MA 02568
MV-7041



- NOTES:**
1. ELEVATIONS REFER TO MEAN LOW WATER DATUM.
 2. AREA A TO BE DREDGED TO ELEVATION -4.0
AREA B TO BE DREDGED TO ELEVATION -2.5
 3. VOLUME TO BE REMOVED FROM AREA A = 4,910 ± CUBIC YDS.
VOLUME TO BE REMOVED FROM AREA B = 580 ± CUBIC YDS.
TOTAL VOLUME = 5,490 ± CUBIC YDS.
 4. BENCHMARK IS CONCRETE BOUND: ELEVATION = 3.98

PERMIT NO. 370
Approved by Department of Environmental Protection
Date: 01-21 99

Lighthouse



Permit No. 358
 Approved by Department of Environmental Protection
 Date: 12-29-98

PURPOSE: PROPOSED DREDGING WILL IMPROVE ACCESS TO NAVIGABLE WATERS FROM THE EDGARTOWN LIGHTHOUSE
DATUM: MLW = 0.0
 MHW = 1.9
 HTL = 2.5
CLE ENGINEERING, INC.
 15 CREEK RD. MARION, MA 02738

VICINITY MAP
 USGS Edgartown
 Quad Sheet

PROPOSED DREDGING PLAN I
 EDGARTOWN HARBOR
 AT: EDGARTOWN LIGHTHOUSE
 COUNTY OF: DUKES
 APPLICATION BY:
 THE TOWN OF EDGARTOWN
 DATE: 5/27/98 SHEET 1 0
 REV: 7/8/98 9/10/98 10/

101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200

THE UNIVERSITY OF CHICAGO
LIBRARY

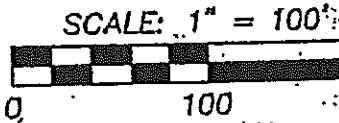
1977 - 1980
CHICAGO, ILL.

1977 - 1980
CHICAGO, ILL.

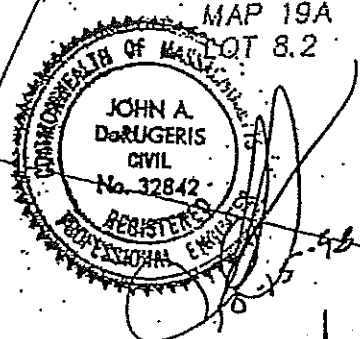
THE UNIVERSITY OF CHICAGO
LIBRARY
1977 - 1980
CHICAGO, ILL.

Lighthouse

DETAIL VIEW
PROPOSED
DREDGE AREA



PERMIT NO. 358
Approved by Department of Environmental Protection
DATE 12-29-98



SALT POND
(TIDAL)

EXISTING
CULVERTS
INV. EL. =
1.6' MLW

MAP 19B
LOT 2

MAP 19B
LOT 8

MAP 19B
LOT 5.1
MAP 19B
LOT 5.2

MAP 19B
LOT 6

STA 0+00
STA 0+50
STA 1+00
STA 1+50
STA 2+00
STA 2+50
STA 3+00
STA 3+50
STA 4+00

MLW

B.M. PT #2
(3 NAILS)
EL. = 5.0' MLW

SAMPLE #1
LOCATION

3 TO 1 SIDE
SLOPES (TYP)

MAP 19B
LOT 6

MAP 19B
LOT 7

LIMIT OF DREDGING
DREDGE TO -7.0' MLW
EST. VOL. = 8,400 CY
NO DREDGING IN
THE INTERTIDAL ZONE

B.M. PT #1
(3 NAILS)
EL. = 6.3' MLW

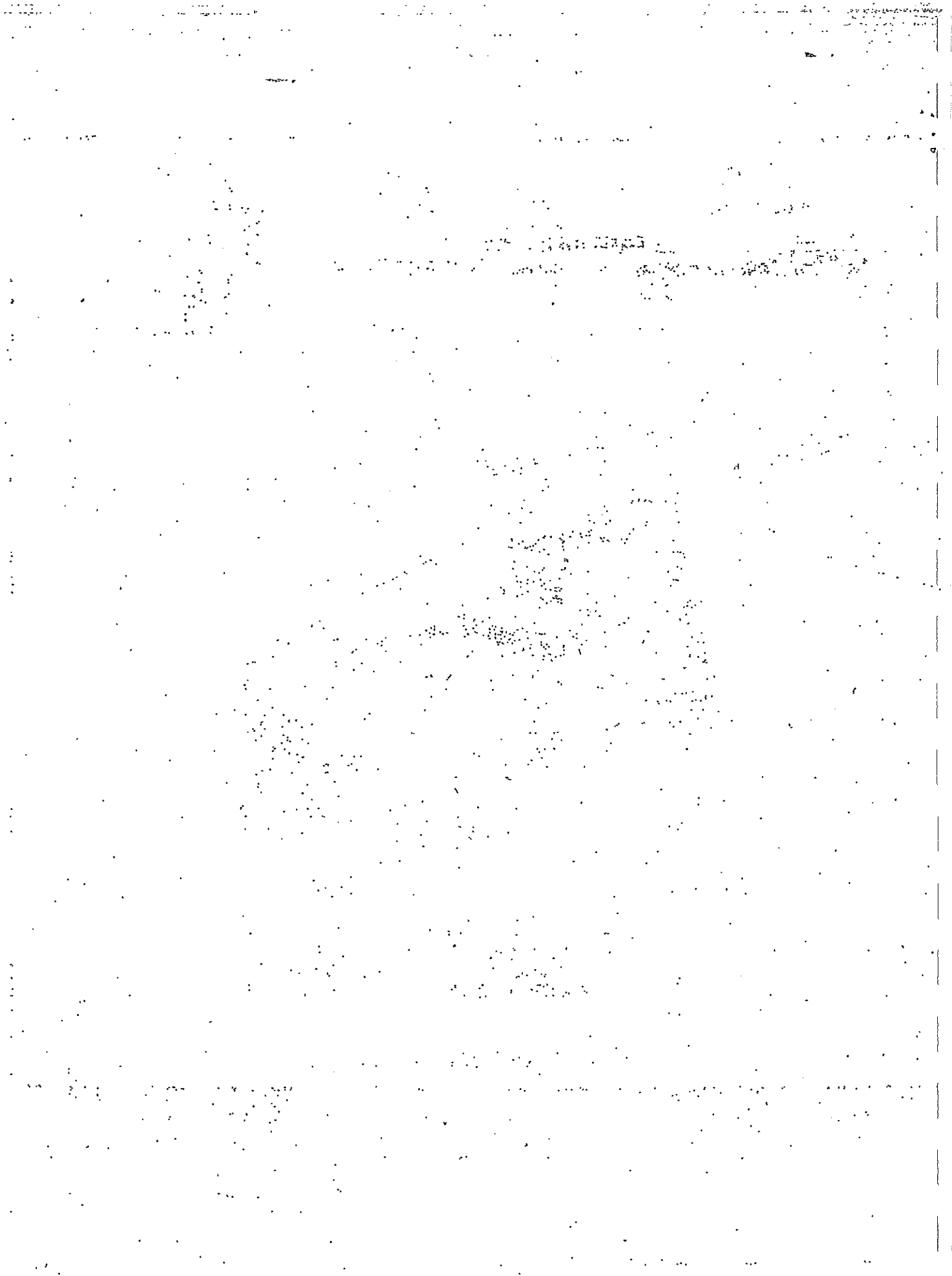


EDGARTOWN HARBOR

PURPOSE: PROPOSED DREDGING
WILL IMPROVE ACCESS TO
NAVIGABLE WATERS FROM
THE EDGARTOWN LIGHTHOUSE
DATUM: MLW = 0.0
MHW = 1.9
HTL = 2.5
CLE ENGINEERING, INC.
15 CREEK RD. MARION, MA 02738

DETAIL VIEW
PROPOSED
DREDGE AREA

PROPOSED DREDGING PLAN IN
EDGARTOWN HARBOR
AT: EDGARTOWN LIGHTHOUSE
COUNTY OF: DUKES
APPLICATION BY:
THE TOWN OF EDGARTOWN
DATE: 5/27/98 SHEET 4 OF 1
REV: 7/8/98 9/10/98 10/15



Lighthouse (+ Fuller Beach)

PERMIT NO. 358

Approved by Department of Environmental Protection

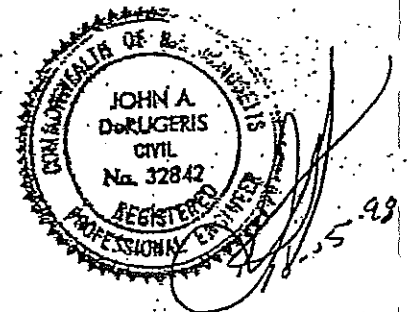
Date: 12-29-98

NOTES:

1. RESULTS OF HYDROGRAPHY FROM SURVEY OF 3-18-97 AND 3-19-97.
2. SOUNDINGS ARE IN NEGATIVE (-) FEET AND TENTHS, AND REFER TO DEPTHS BELOW MEAN LOW WATER (MLW) = 0.0, MEAN HIGH WATER (MHW) = +1.9.
3. PROJ. VERT. DATUM IS BM No.1, PK NAIL SET IN TOP OF A CAP LOG AT THE HARBORMASTER'S SHACK IN EDGARTOWN, MA, ELEV. +6.47 MLW.
4. COORDINATES ARE BASED ON THE LAMBERT GRID SYSTEM FOR THE COMMONWEALTH OF MASS NAD83, AND WERE TAKEN BY CONTROL FURNISHED BY OWNER AND NOT INDEPENDENTLY VERIFIED.
5. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES SHOWN, AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS AT THAT TIME. INTERPOLATED INFORMATION FROM BETWEEN SOUNDINGS RUNS IS NOT GUARANTEED. SHOALS, OBSTRUCTIONS OR OTHER DIFFERING CONDITIONS MAY EXIST BETWEEN THESE RUNS. CONSULT WITH CLE ENGINEERING FOR MORE DETAILED INFORMATION.
6. POSSESSION AND USE OF THE MATERIAL CONTAINED ON THESE DRAWINGS IS GRANTED ONLY IN CONJUNCTION WITH ITS USE AS IT RELATES TO THE TITLED PROJECT, ANY OTHER USE, REPRODUCTION OR DISCLOSURE OF THE INFORMATION CONTAINED HEREIN IS EXPRESSLY PROHIBITED WITHOUT THE WRITTEN CONSENT OF CLE ENGINEERING, INC.
7. DREDGE QUANTITY FOR CHANNEL TO -7.0' MLW = 8,400 CY ±.
8. DREDGE AREA UNDER OCEAN = 50,990 SF ±.
9. BEACH NOURISHMENT AREA BETWEEN MHW AND HTL (STA. 0+00 TO 14+00) = 7,420 SF ±.
10. BEACH NOURISHMENT CAPACITY (STA. 0+00 TO 14+00) = 8,500 CY ±.

COORDINATES:

	NORTHING	EASTING
A	N = 142,433.51	E = 1,638,828.33
B	N = 142,578.09	E = 1,638,866.75
C	N = 142,580.66	E = 1,638,921.83
D	N = 142,573.50	E = 1,638,951.41
E	N = 142,524.21	E = 1,638,900.46
F	N = 142,483.04	E = 1,639,119.09
G	N = 142,419.79	E = 1,639,189.94
H	N = 142,411.97	E = 1,639,180.78
I	N = 142,376.93	E = 1,639,164.21
J	N = 142,270.88	E = 1,639,618.76
K	N = 144,104.98	E = 1,638,959.06

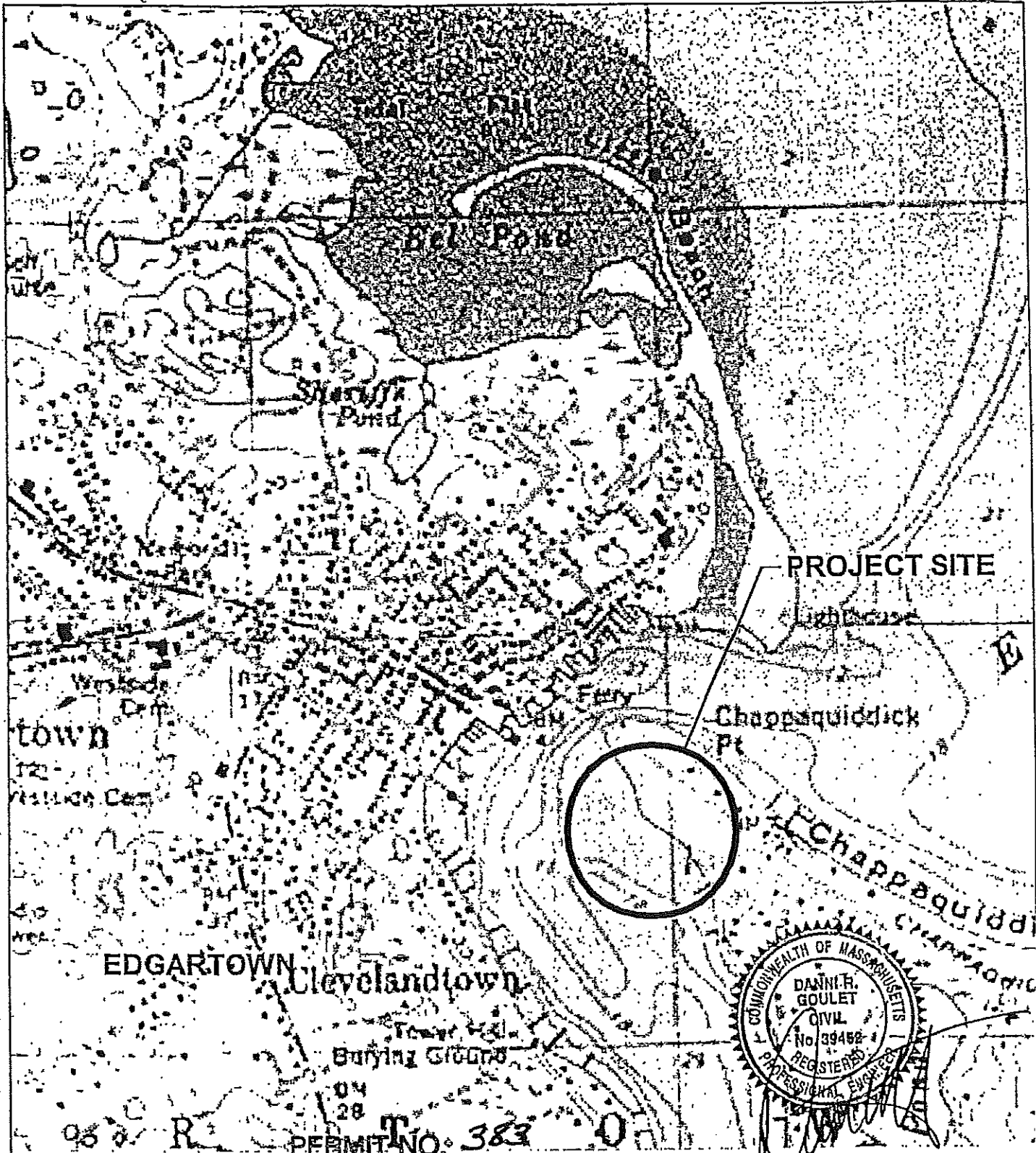


PURPOSE: PROPOSED DREDGING WILL IMPROVE ACCESS TO NAVIGABLE WATERS FROM THE EDGARTOWN LIGHTHOUSE
 DATUM: MLW = 0.0
 MHW = 1.9
 HTL = 2.5
 CLE ENGINEERING, INC.
 15 CREEK RD MARION, MA 02738

NOTES AND COORDINATES

PROPOSED DREDGING PLAN IN EDGARTOWN HARBOR AT EDGARTOWN LIGHTHOUSE COUNTY OF DUKES
 APPLICATION BY: THE TOWN OF EDGARTOWN
 DATE: 5/27/98 SHEET 6 OF
 REV: 7/8/98 9/10/98 10/15/98

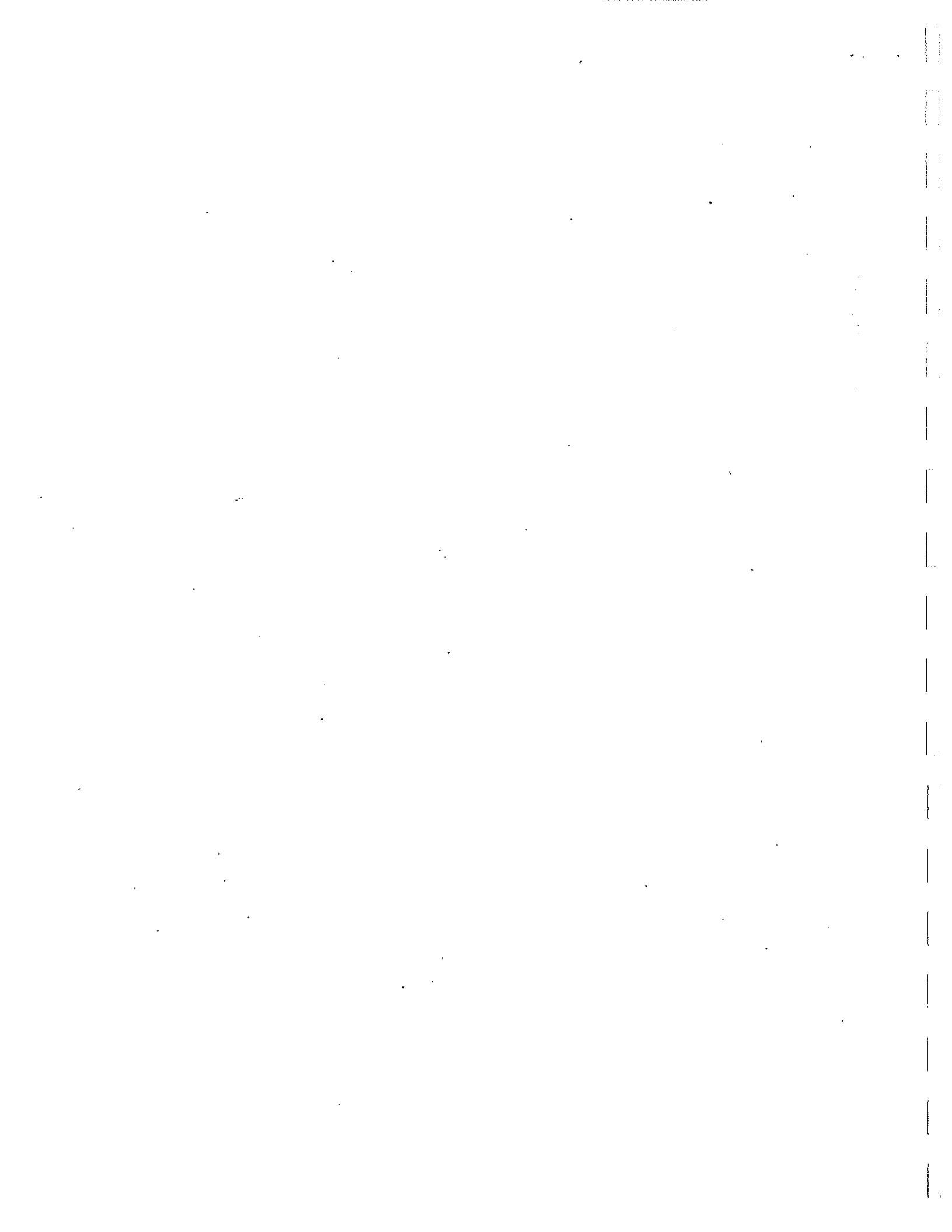
Inner Harbor



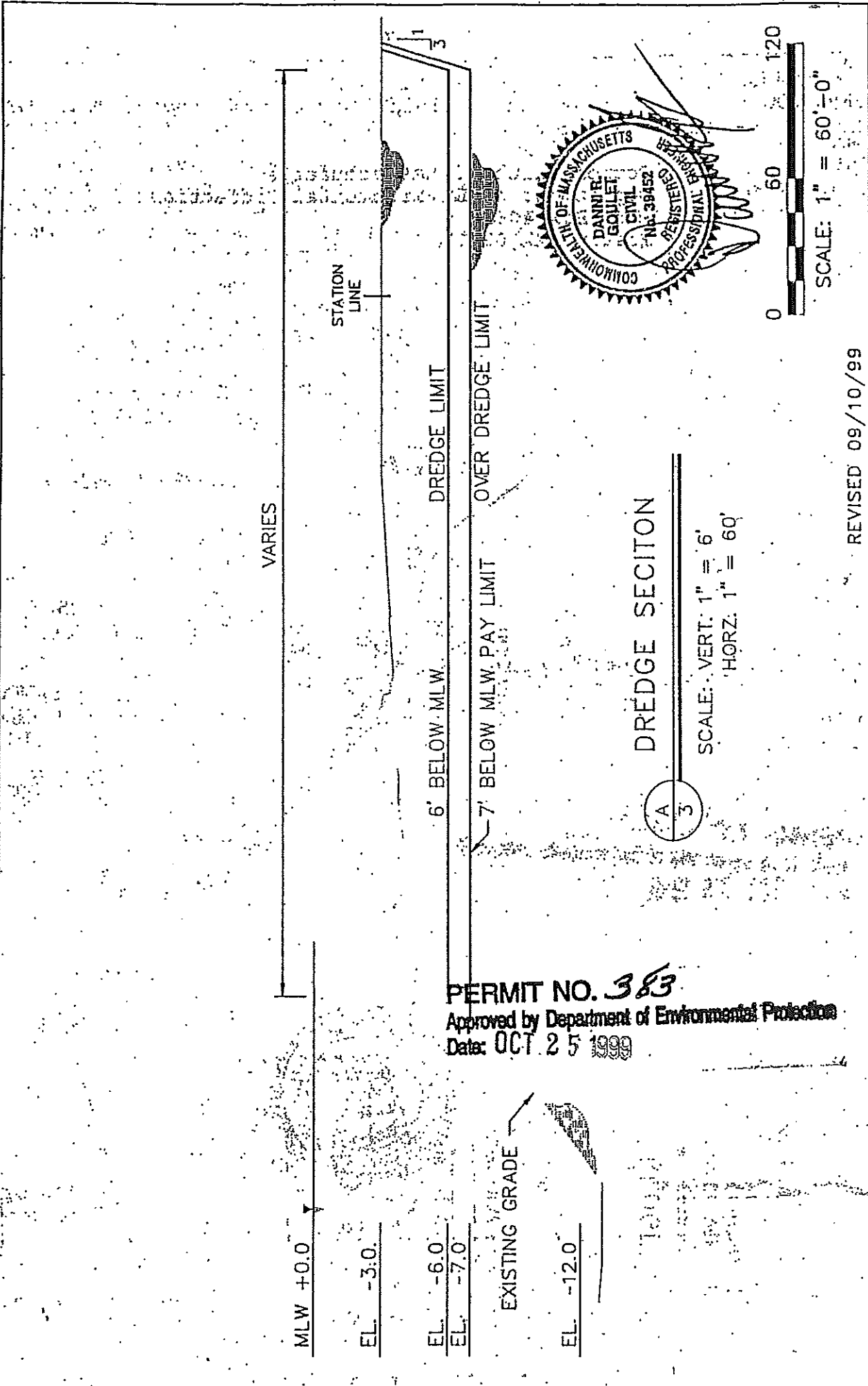
Approved by Department of Environmental Protection
 Date: 06/25/1999
 SCALE: 1" = 1000'-0"

REVISED: 09/10/99

PURPOSE: PROPOSED DREDGING	TITLE: VICINITY MAP USGS EDGARTOWN QUAD SHEET	APPLICATION BY: THE TOWN OF EDGARTOWN
100 YR FLOOD +9.9 HTL +2.5 MHW +1.9 MLLW 0.0	BOE Bourne Consulting Engineering 184 West Central Street, Franklin, MA 02038	IN: EDGARTOWN HARBOR AT: INNER HARBOR COUNTY: DUKES STATE: MA



Inner Harbor



PERMIT NO. 383
 Approved by Department of Environmental Protection
 Date: OCT 25 1999

REVISED 09/10/99

100 YR FLOOD	+9.9	NGVD	+0.9	TITLE:	DREDGE & DISPOSAL	IN: EDGARTOWN HARBOR.
HTL	+2.5	MLW	+0.0	SECTIONS		AT: INNER HARBOR
MHW	+1.9					COUNTY: DUKES
				PURPOSE:	APPLICATION BY:	STATE: MA
						SHEET 3 OF 3

Boorne Consulting Engineers

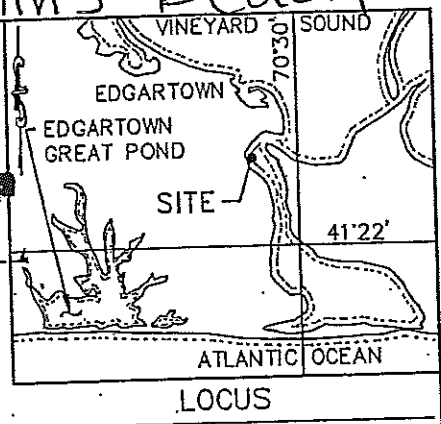
Collins Beach

LAND OWNERS:
 SHEET 20D
 LOT 331: EDGARTOWN READING ROOM, INC.
 1 COOK STREET
 LOT 333: SHANE, JAMES H, TR.
 69 SOUTH WATER TRUST
 69 SOUTH WATER STREET
 LOT 335: NEW HOUSE WYN
 71 SOUTH WATER STREET
 LOT 336: FIRST CONGREGATION CHURCH.
 45 SOUTH WATER STREET

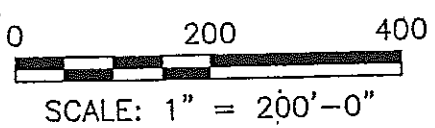
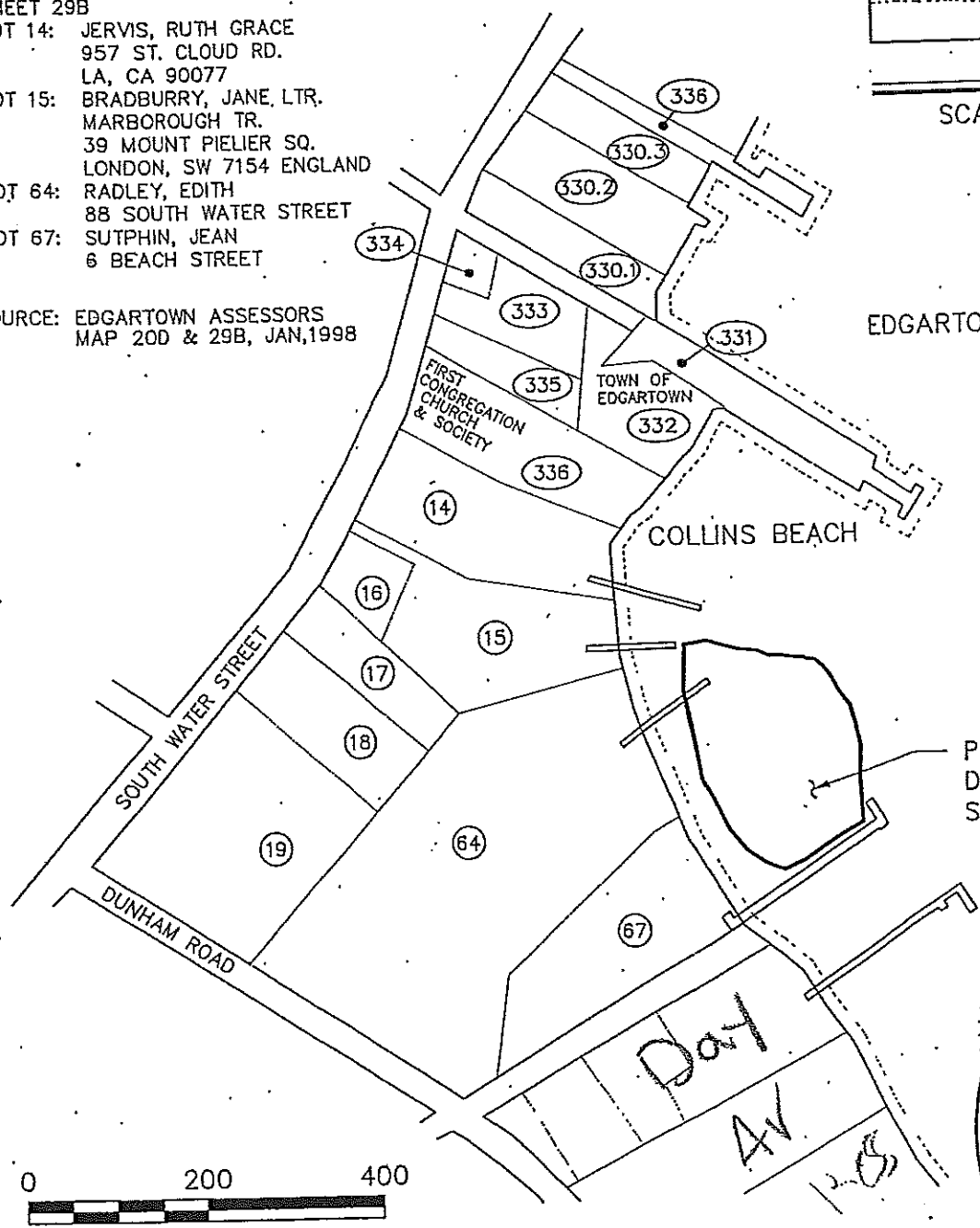
PERMIT NO. 384
 Approved by Department of Environmental Protection
 Date: **FEB 24 2000**

SHEET 29B
 LOT 14: JERVIS, RUTH GRACE
 957 ST. CLOUD RD.
 LA, CA 90077
 LOT 15: BRADBURY, JANE, LTR.
 MARBOROUGH TR.
 39 MOUNT PIELIER SQ.
 LONDON, SW 7154 ENGLAND
 LOT 64: RADLEY, EDITH
 88 SOUTH WATER STREET
 LOT 67: SUTPHIN, JEAN
 6 BEACH STREET

SOURCE: EDGARTOWN ASSESSORS
 MAP 20D & 29B, JAN, 1998



SCALE: 1" = 3000'



PROJECT:
 DREDGING AREA
 SEE SHEET 2



REVISED 01/04/00

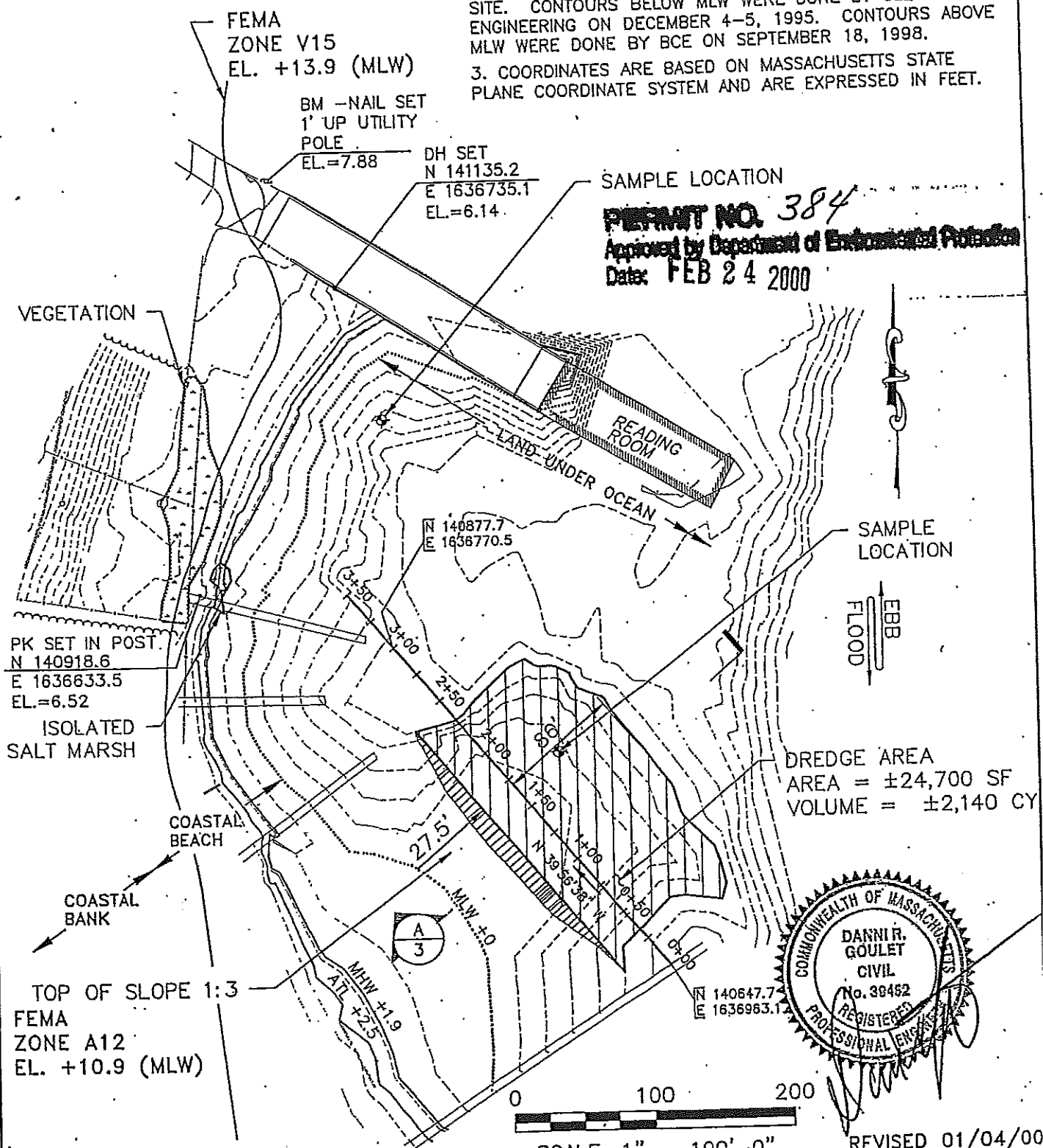
PURPOSE: DREDGING & BEACH NOURISHMENT	TITLE: VICINITY MAP	APPLICATION BY: TOWN OF EDGARTOWN
100 YR FLOOD +13.9 HTL +2.5 MHW +1.9 NGVD +0.9		IN: EDGARTOWN HARBOR AT: COLLINS BEACH COUNTY: DUKES STATE: MA SHEET 1 OF 6 DATE: JAN. '00



Collins Beach

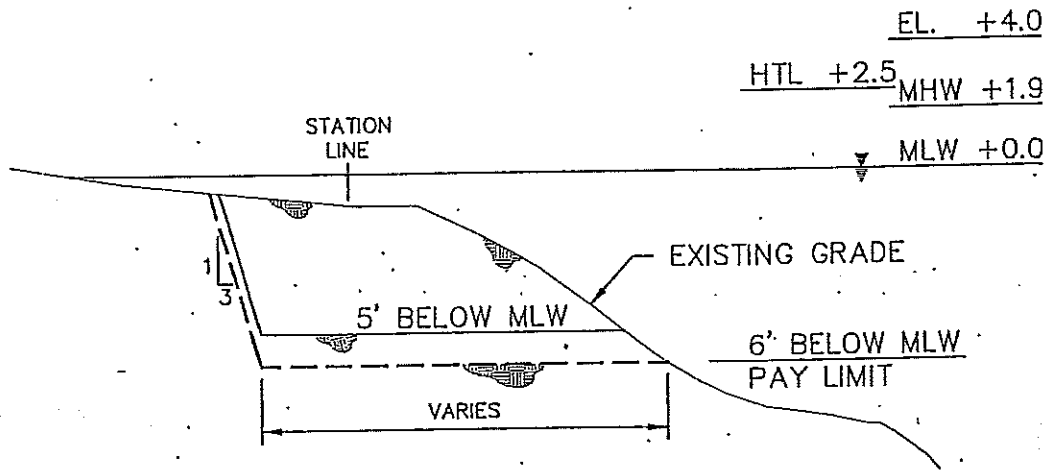
NOTES:

1. CONTOURS REFER TO MEAN LOW WATER, 1929.
2. CONTOURS REFER TO THE GENERAL SURVEY OF THE SITE. CONTOURS BELOW MLW WERE DONE BY CLE ENGINEERING ON DECEMBER 4-5, 1995. CONTOURS ABOVE MLW WERE DONE BY BCE ON SEPTEMBER 18, 1998.
3. COORDINATES ARE BASED ON MASSACHUSETTS STATE PLANE COORDINATE SYSTEM AND ARE EXPRESSED IN FEET.



PURPOSE: DREDGING & BEACH NOURISHMENT	TITLE: PLAN VIEW OF PROPOSED DREDGE AREA	APPLICATION BY: TOWN OF EDGARTOWN
100 YR FLOOD +13.9 HTL +2.5 MHW +1.9 MLD +0.9	Bourne Consulting Engineering <small>104 Fort Central Street Franklin, MA 02044 PH. (508) 524-8128 FAX (508) 524-6771</small>	IN: EDGARTOWN HARBOR... AT: COLLINS BEACH COUNTY: DUKES STATE: MA SHEET 2 OF 5 DATE: JAN. '00

Collins Beach



DREDGE SECTION



SCALE: VERT. 1" = 6'
HORIZ. 1" = 60'

PERMIT NO. 384
Approved by Department of Environmental Protection
Date: **FEB 24 2000**



SCALE: 1" = 6'-0"

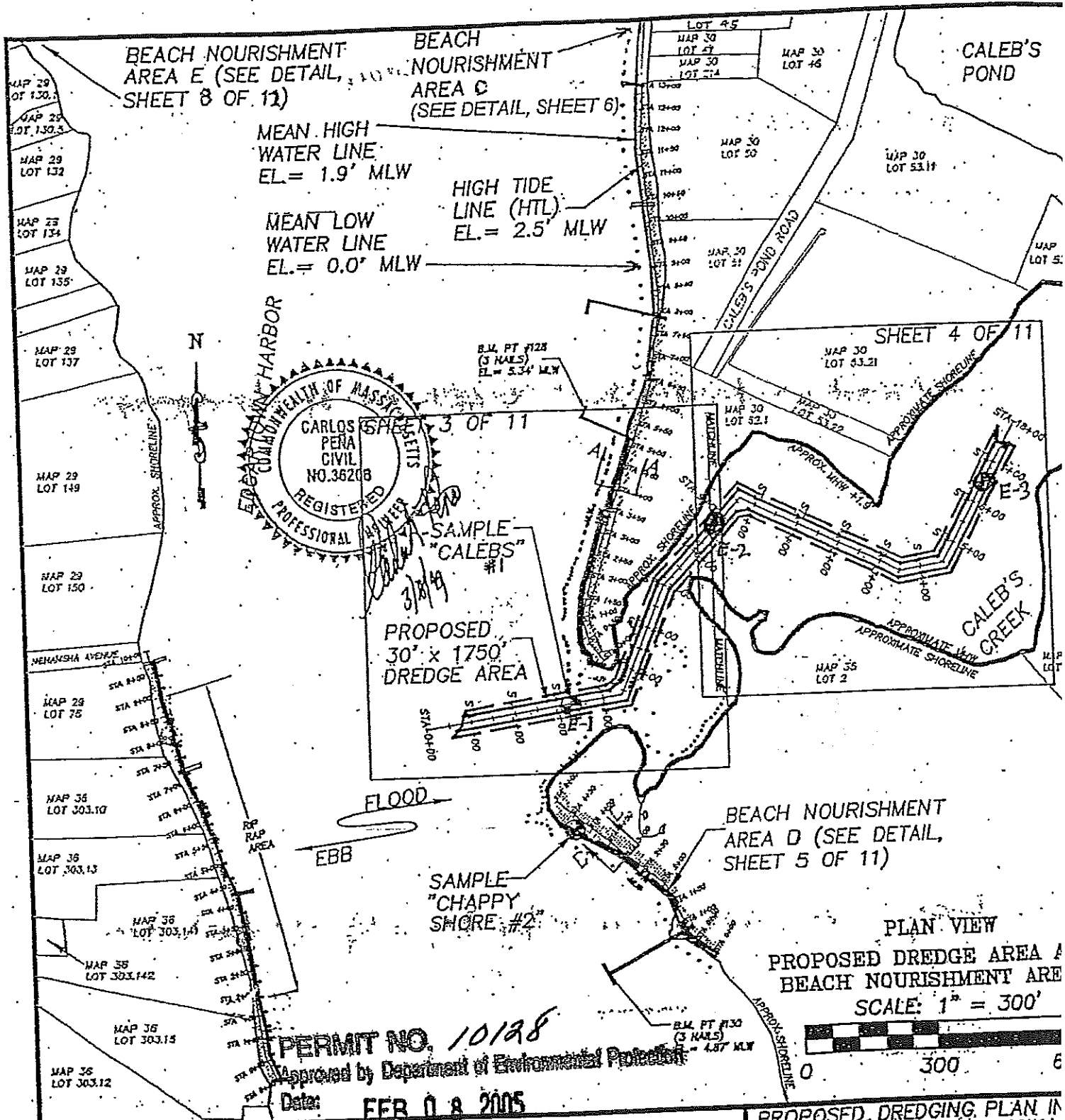


SCALE: 1" = 60'-0"

REVISED 01/04/00

PURPOSE: DREDGING & BEACH NOURISHMENT	TITLE: DREDGE SECTIONS	APPLICATION BY: TOWN OF EDGARTOWN
100 YR FLOOD +13.9 HTL +2.5 MHW +1.9 NGVD +0.9 +0.0		IN: EDGARTOWN HARBOR AT: COLLINS BEACH COUNTY: DUKES STATE: MA SHEET 3 OF 6 DATE: JAN. '00

Caleb's Pond



PERMIT NO. 10188
 Approved by Department of Environmental Protection
 Date: **FEB 08 2005**

PURPOSE: PROPOSED DREDGING WILL IMPROVE ACCESS TO NAVIGABLE WATERS FROM CALEB'S POND.
DATUM: MLW = 0.0
 MHW = 1.9
 HTL = 2.5
CLE ENGINEERING, INC.
 15 CREEK RD. MARION, MA 02738

PLAN VIEW
 PROPOSED MAINTENANCE DREDGING AREA AND BEACH NOURISHMENT AREAS

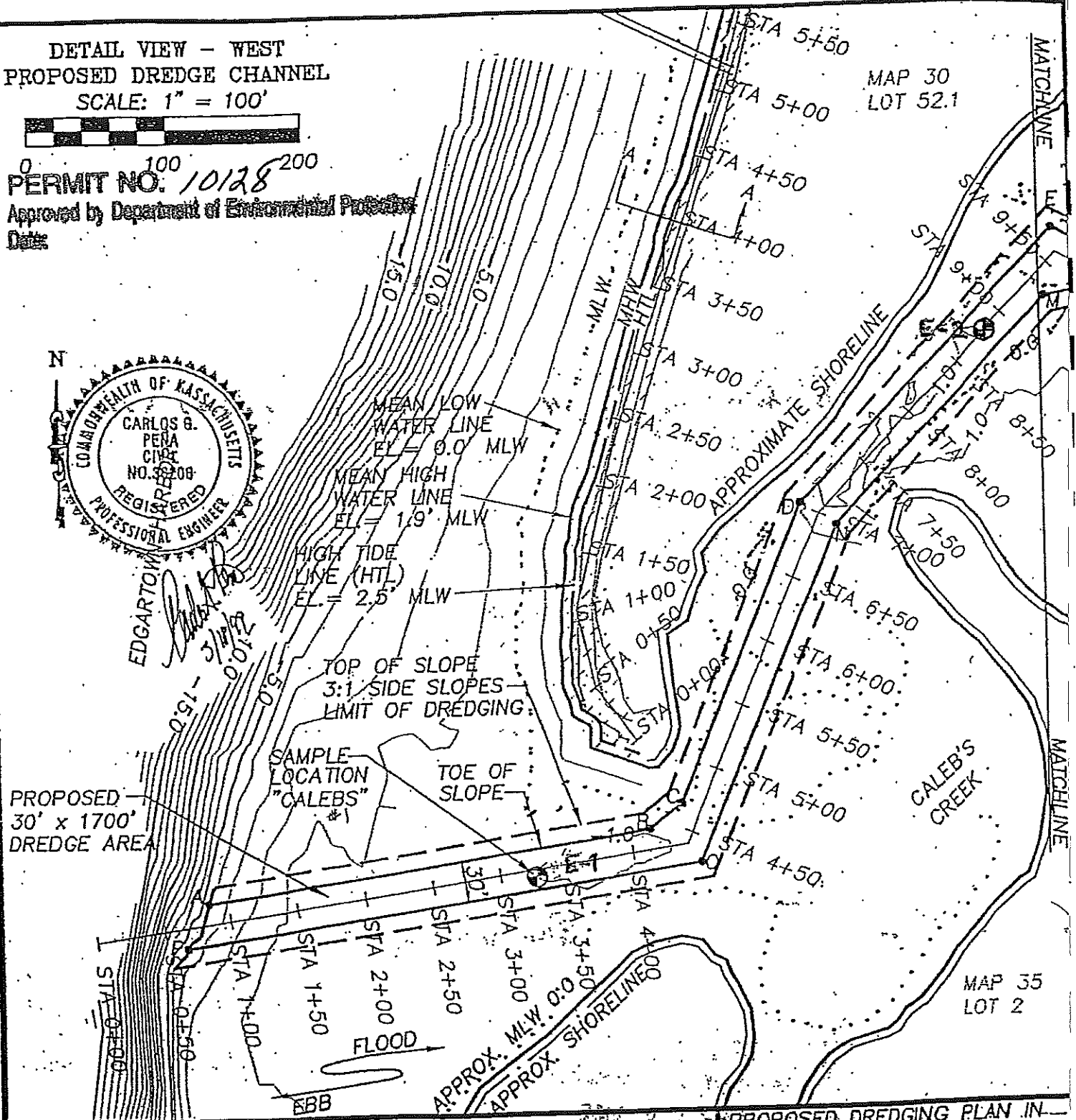
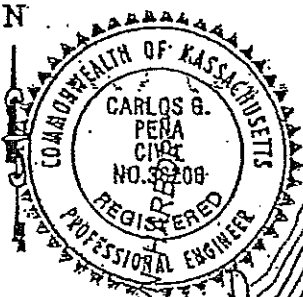
PROPOSED DREDGING PLAN IN CALEB'S CREEK, EDGARTOWN HARBOR
 AT: CALEB'S POND, EDGARTOWN COUNTY OF: DUKES
 APPLICATION BY: THE TOWN OF EDGARTOWN, MA
 DATE: 5/29/98 SHEET 2 OF 2
 REV: 11/24/98, 3/17/99, 1/21/00

caleb's Pond

DETAIL VIEW - WEST
 PROPOSED DREDGE CHANNEL
 SCALE: 1" = 100'



PERMIT NO: 10128²⁰⁰
 Approved by Department of Environmental Protection
 Date:

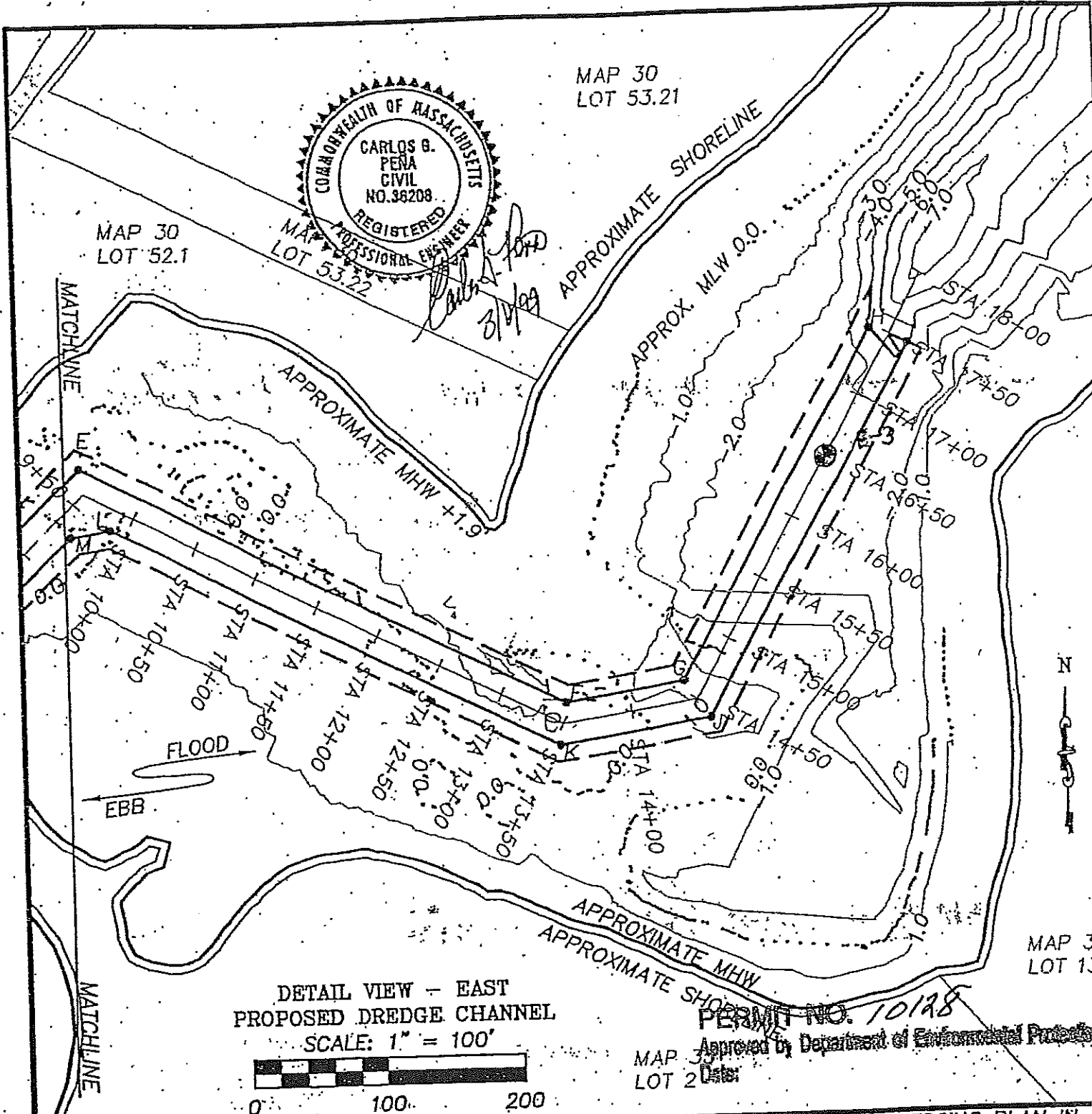


PURPOSE: PROPOSED DREDGING
 WILL IMPROVE ACCESS TO
 NAVIGABLE WATERS FROM
 CALEB'S POND.
 DATUM: MLW = 0.0
 MHW = 1.9
 HTL = 2.5
 CLE ENGINEERING, INC.
 15 CREEK RD. MARION MA 02738

DETAIL VIEW
 PROPOSED DREDGE
 CHANNEL (WEST)

PROPOSED DREDGING PLAN IN
 CALEB'S CREEK, EDGARTOWN
 HARBOR
 AT: CALEB'S POND, EDGARTOWN
 COUNTY OF: DUKES
 APPLICATION BY:
 THE TOWN OF EDGARTOWN, MA
 DATE: 5/29/98 SHEET 3 OF 1
 REV: 11/24/98, 3/17/99

Caleb's Pond



DETAIL VIEW - EAST
 PROPOSED DREDGE CHANNEL
 SCALE: 1" = 100'



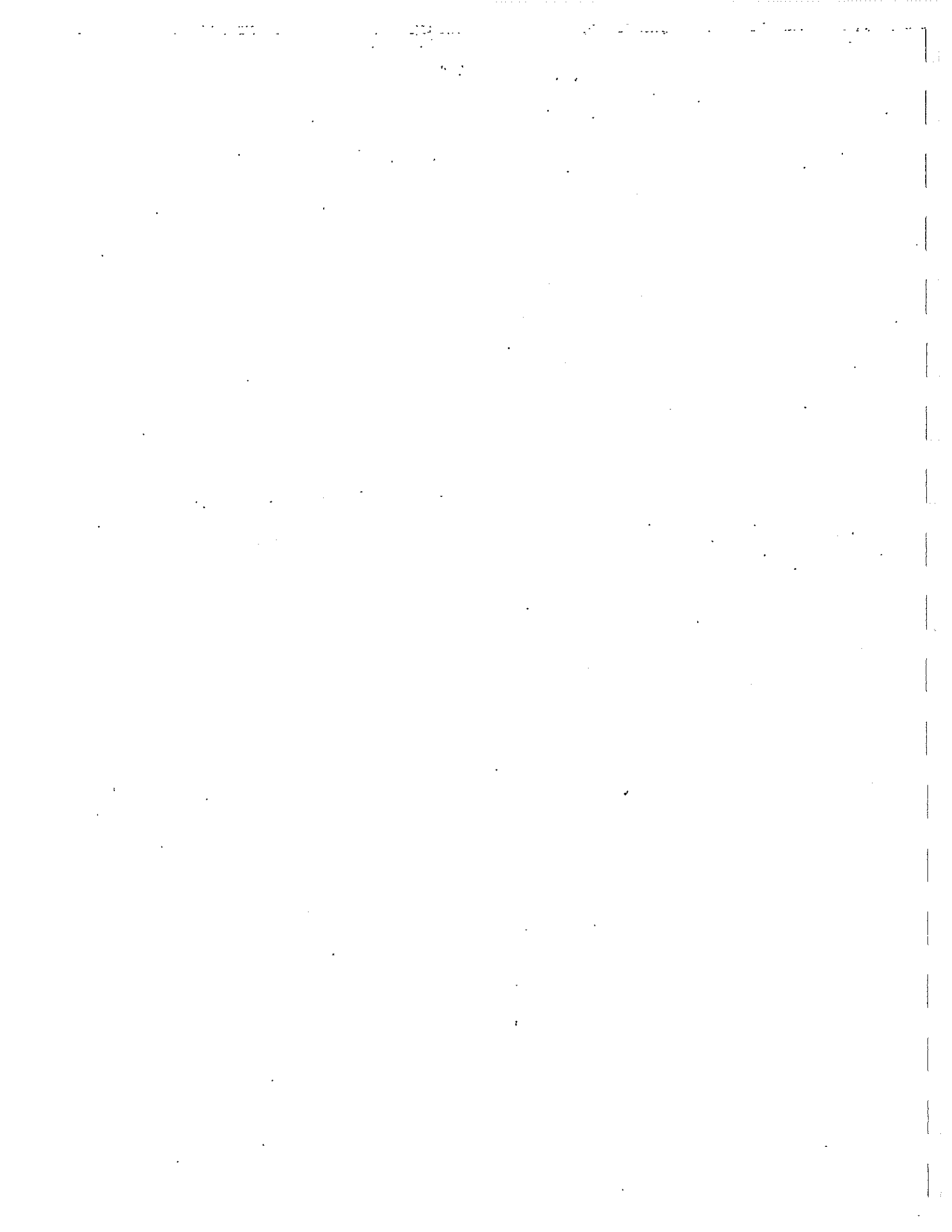
PERMIT NO. 10128

Approved by Department of Environmental Protection
 Date: _____

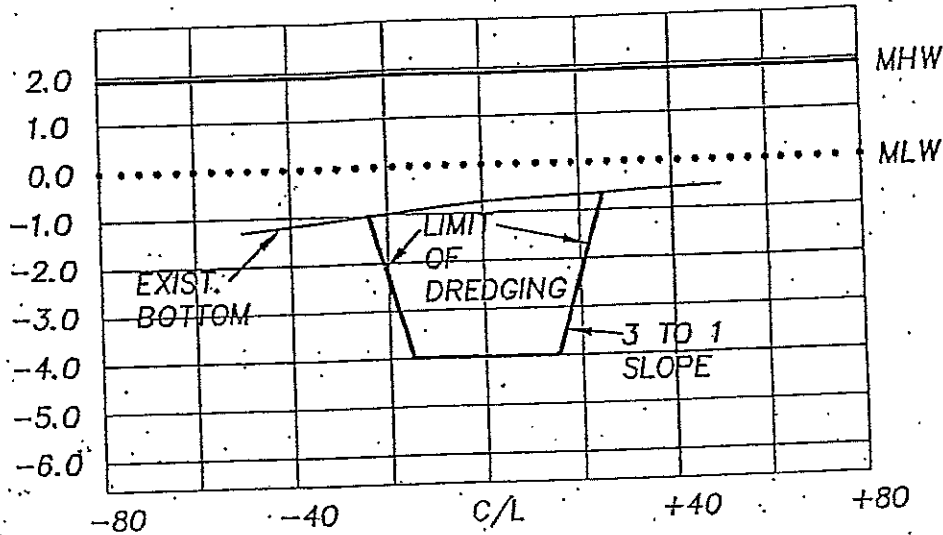
PURPOSE: PROPOSED DREDGING WILL IMPROVE ACCESS TO NAVIGABLE WATERS FROM CALEB'S POND.
 DATUM: MLW = 0.0
 MHW = 1.9
 HTL = 2.5
 CLE ENGINEERING, INC.
 15 CREEK RD. MARION, MA 02738

DETAIL VIEW
 PROPOSED DREDGE CHANNEL (EAST)

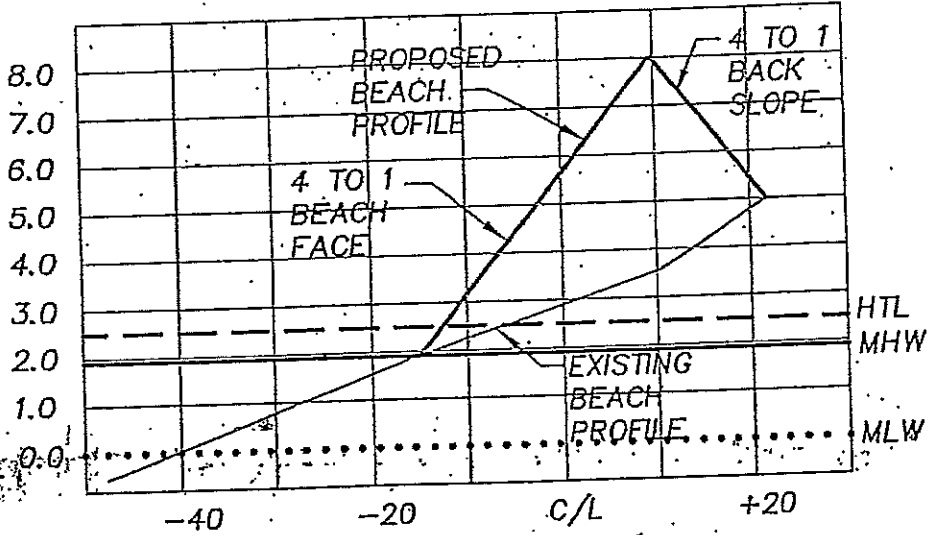
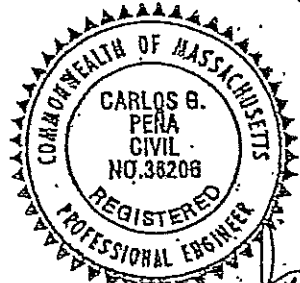
PROPOSED DREDGING PLAN IN CALEB'S CREEK, EDGARTOWN HARBOR
 AT: CALEB'S POND, EDGARTOWN COUNTY OF: DUKES
 APPLICATION BY: THE TOWN OF EDGARTOWN, MA
 DATE: 5/29/98 SHEET 4 OF
 REV: 11/24/98, 3/17/99



Caleb's Pond - (Nourishment Area D)



DREDGE CROSS-SECTION
 STATION 2+00
 SCALE: HORI. 1" = 40'
 VERT. 1" = 4'



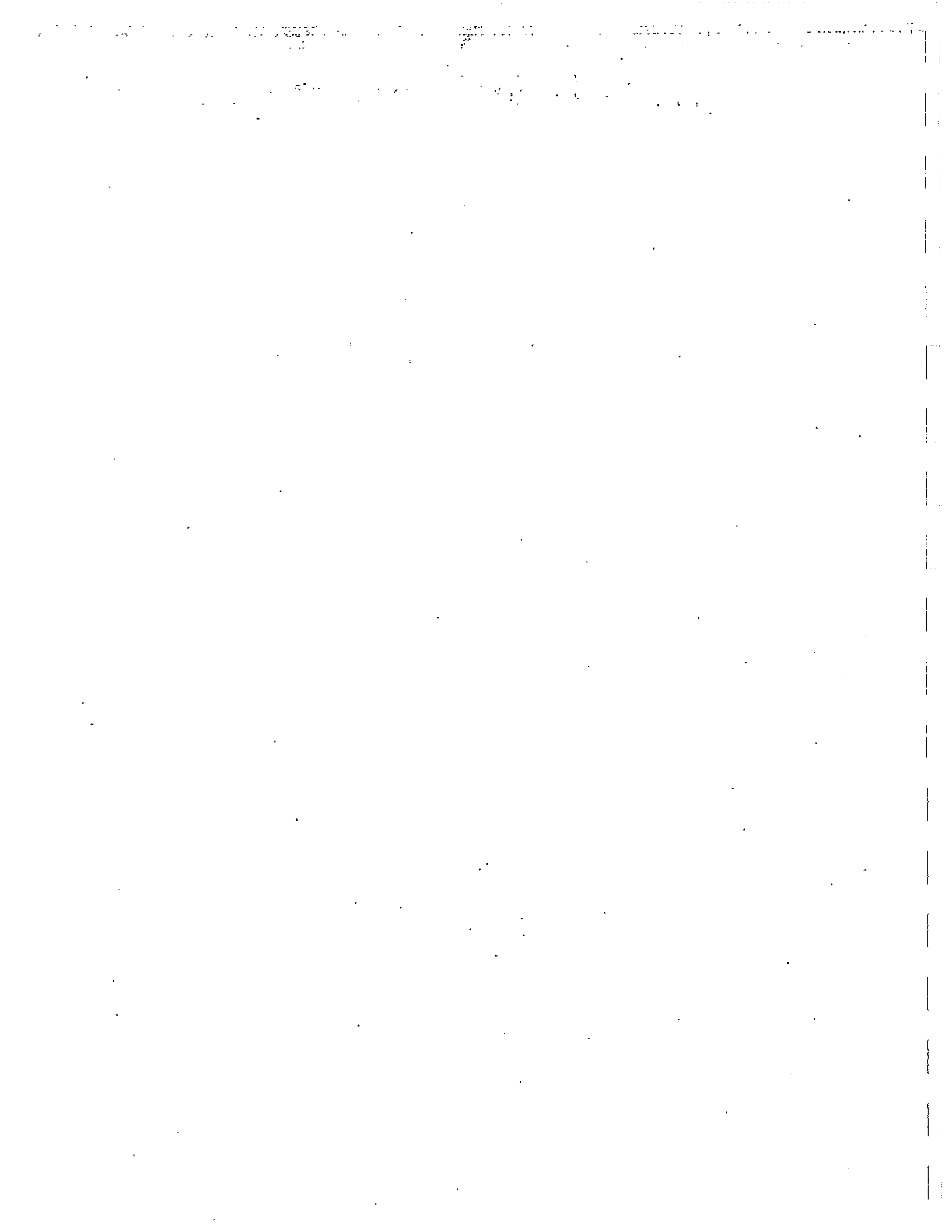
BEACH CROSS-SECTION D-D
 STATION 3+00
 SCALE: HORI. 1" = 20'
 VERT. 1" = 4'

PERMIT NO. 10128
 Approved by Department of Environmental Protection
 Date:

PURPOSE: PROPOSED DREDGING
 WILL IMPROVE ACCESS TO
 NAVIGABLE WATERS FROM
 CALEB'S POND.
 DATUM: MLW = 0.0
 MHW = 1.9
 HTL = 2.5
 CLE ENGINEERING, INC.
 15 CREEK RD. MARION, MA 02738

CROSS SECTIONS
 FOR PROPOSED DREDGE
 CHANNEL AND BEACH
 NOURISHMENT AREA D

PROPOSED DREDGING PLAN IN
CALEB'S CREEK, EDGARTOWN
HARBOR
 AT: CALEB'S POND, EDGARTON
 COUNTY OF: DUKES
 APPLICATION BY:
 THE TOWN OF EDGARTOWN, MA
 DATE: 5/29/98 SHEET 10 OF
 REV: 11/24/98, 3/17/99



Caleb's Pond

NOTES:

1. RESULTS OF HYDROGRAPHY FROM SURVEY OF 3-18-97, 3-19-97, AND 4-28-98.
2. SOUNDINGS ARE IN NEGATIVE (-) FEET AND TENTHS, AND REFER TO DEPTHS BELOW MEAN LOW WATER (MLW) = 0.0, MEAN HIGH WATER (MHW) = +1.9'.
3. PROJ. VERT. DATUM IS BM No.1, PK NAIL SET IN TOP OF A CAP LOG AT THE HARBORMASTER'S OFFICE IN EDGARTOWN, MA, ELEV. +6.47 MLW.
4. COORDINATES ARE BASED ON THE LAMBERT GRID SYSTEM FOR THE COMMONWEALTH OF MASS NAD83, AND WERE TAKEN BY CONTROL FURNISHED BY OWNER AND NOT INDEPENDENTLY VERIFIED.
5. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES SHOWN, AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS AT THAT TIME. INTERPOLATED INFORMATION FROM BETWEEN SOUNDINGS RUNS IS NOT GUARANTEED. SHOALS, OBSTRUCTIONS OR OTHER DIFFERING CONDITIONS MAY EXIST BETWEEN THESE RUNS. CONSULT WITH CLE ENGINEERING FOR MORE DETAILED INFORMATION.
6. POSSESSION AND USE OF THE MATERIAL CONTAINED ON THESE DRAWINGS IS NOT ONLY IN CONJUNCTION WITH ITS USE AS IT RELATES TO THE TITLED PROJECT. ANY OTHER USE, REPRODUCTION OR DISCLOSURE OF THE INFORMATION CONTAINED HEREIN IS EXPRESSLY PROHIBITED WITHOUT THE WRITTEN CONSENT OF CLE ENGINEERING, INC.
7. DREDGE QUANTITY FOR CHANNEL TO -4' MLW = 8,400 CY ±.
8. DREDGE AREA UNDER OCEAN = 92,000 SF ±.
9. TOTAL BEACH NOURISHMENT AREA (A,B,C,D & E) BETWEEN MHW AND HTL = 14,275 SF ±.
10. TOTAL BEACH NOURISHMENT FILL AREA (A,B,C,D & E) = 124,750 SF ±.
11. TOTAL BEACH NOURISHMENT FILL CAPACITY (A,B,C,D & E) = 8,950 CY ±.

DREDGE AREA COORDINATES:

	NORTHING	EASTING
A	N = 137,120.37	E = 1,639,162.69
B	N = 137,169.05	E = 1,639,489.16
C	N = 137,187.46	E = 1,639,512.85
D	N = 137,405.06	E = 1,639,604.53
E	N = 137,600.51	E = 1,639,796.46
F	N = 137,423.54	E = 1,640,150.64
G	N = 137,437.49	E = 1,640,237.43
H	N = 137,689.27	E = 1,640,381.13
I	N = 137,677.94	E = 1,640,409.19
J	N = 137,440.14	E = 1,640,256.37
K	N = 137,392.39	E = 1,640,145.87
L	N = 137,555.87	E = 1,639,818.68
M	N = 137,551.08	E = 1,639,789.96
N	N = 137,388.13	E = 1,639,629.96
O	N = 137,144.43	E = 1,639,527.28
P	N = 137,087.58	E = 1,639,146.72

SUMMARY OF BEACH NOURISHMENT QUANTITIES:

NOURISHMENT AREA	A	B	C	D	E	UNIT
AREA MLW-MHW	12,500	1,400	6,400	0	12,800	s.f.
AREA MHW-HTL	3,200	325	950	4,100	5,700	s.f.
AREA ABOVE HTL	8,600	1,175	2,900	14,700	50,000	s.f.
TOTAL FILL AREA	24,300	2,900	10,250	18,800	68,500	s.f.
TOTAL FILL CAPACITY	950	80	470	1,550	5,900	c.y.

PERMIT NO. 10128

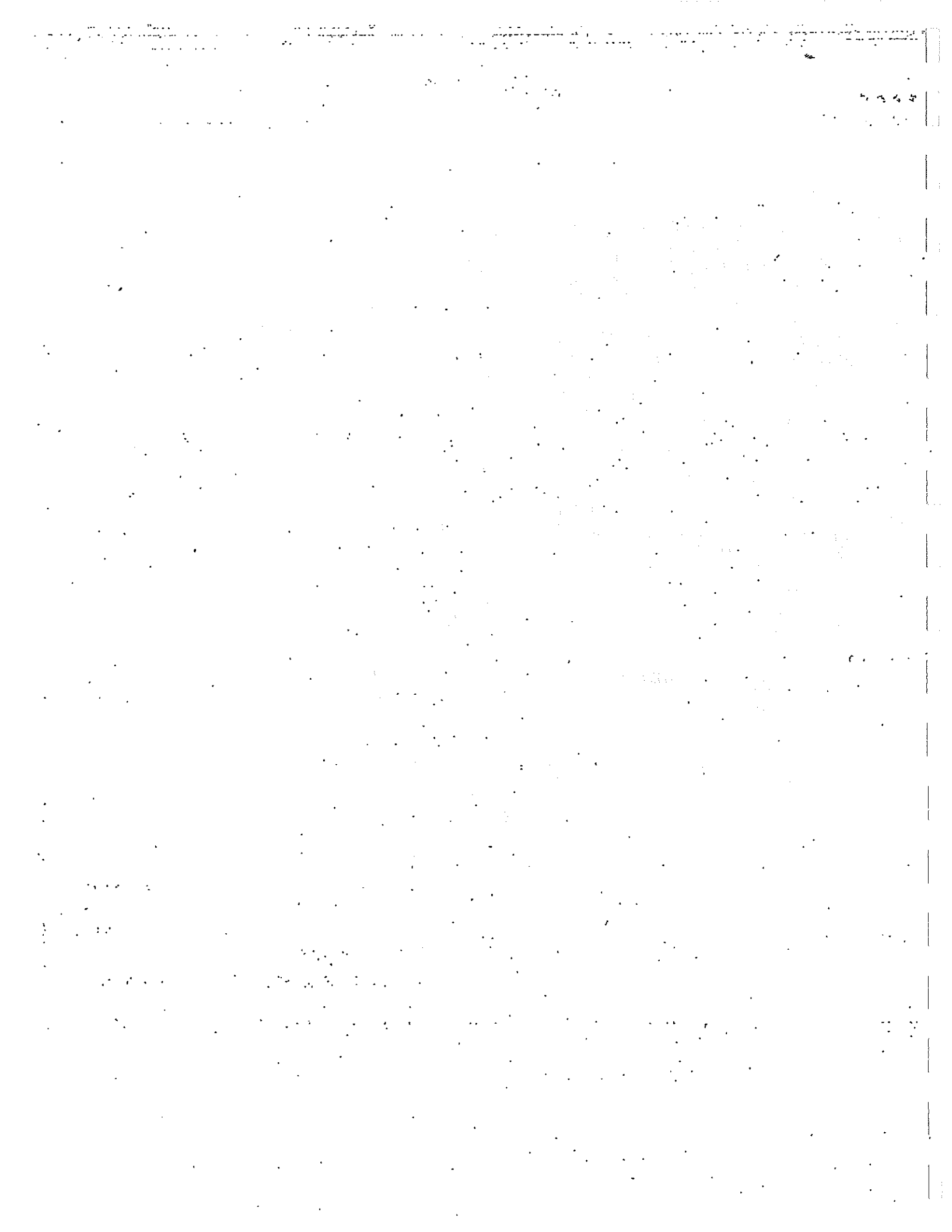
Approved by Department of Environmental Protection

Date:

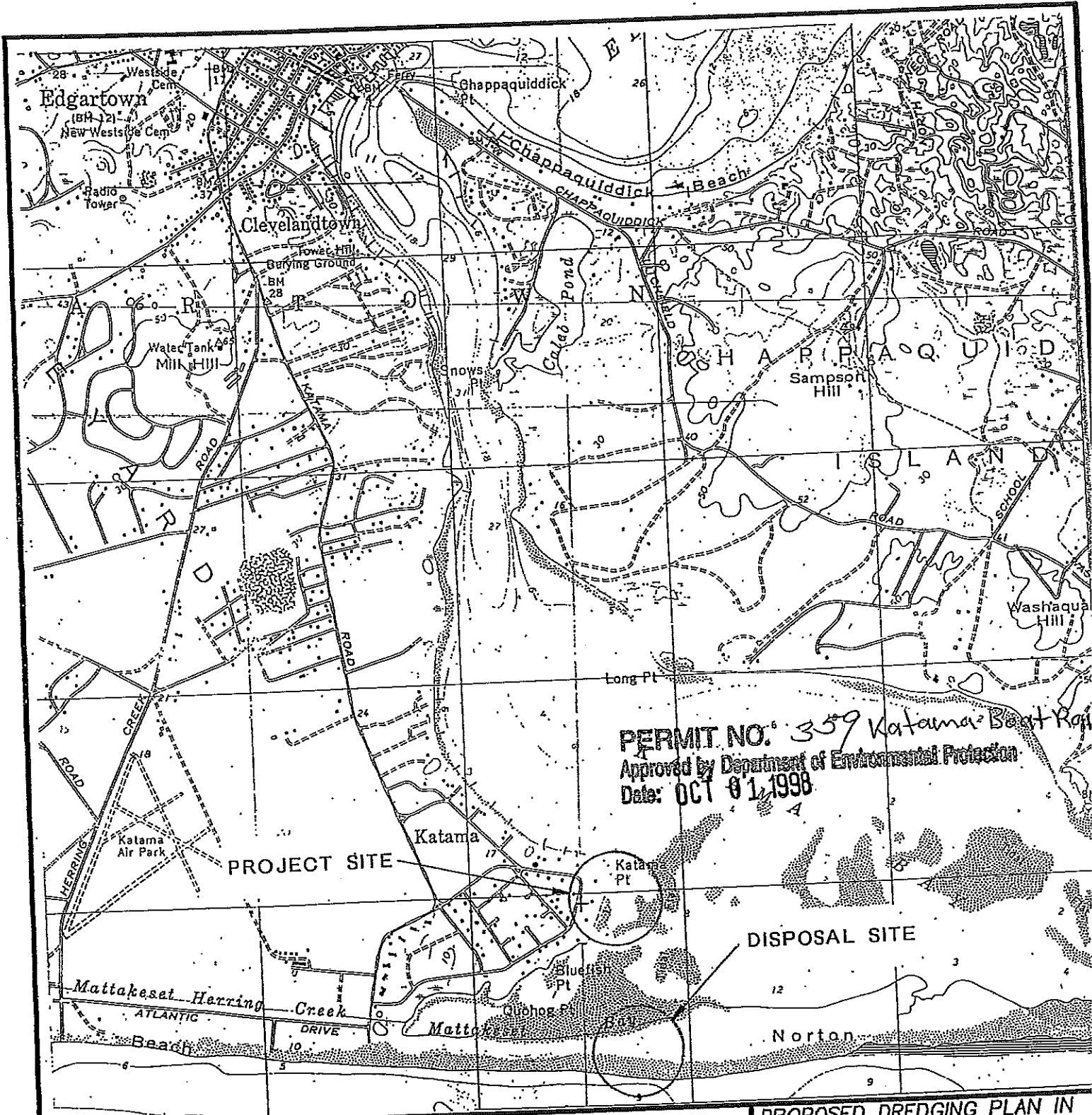
PURPOSE: PROPOSED DREDGING WILL IMPROVE ACCESS TO NAVIGABLE WATERS FROM CALEB'S POND.
 DATUM: MLW = 0.0
 MHW = 1.9
 HTL = 2.5
 CLE ENGINEERING, INC.
 15 CREEK RD. MARION MA 02738

NOTES AND COORDINATES

PROPOSED DREDGING PLAN IN CALEB'S CREEK, EDGARTOWN HARBOR
 AT: CALEB'S POND, EDGARTOWN COUNTY OF: DUKES
 APPLICATION BY:
 THE TOWN OF EDGARTOWN, MA
 DATE: 5/29/98 SHEET 12 OF
 REV: 11/24/98, 3/17/99, 1/21/00



Dredge Site Katama Boat Ramp / Channel



PURPOSE: PROPOSED DREDGING WILL IMPROVE ACCESS TO NAVIGABLE WATERS FROM THE KATAMA BOAT RAMP
DATUM: MLW = 0.0
 MHW = 1.9
 HTL = 2.3
 CLE ENGINEERING, INC.

VICINITY MAP
 USGS Edgartown
 Quad Sheet

PROPOSED DREDGING PLAN IN KATAMA BAY, EDGARTOWN HARBOR
 AT: KATAMA BOAT RAMP
 COUNTY OF: DUKES
 APPLICATION BY: THE TOWN OF EDGARTOWN, MA
 DATE: 5/26/98 SHEET 1 OF 2

Katama Boat Ramp/Channel

LIMITS OF DREDGING
FOR 30' CHANNEL
TO -5' MLW
EST. DREDGE
VOL. = 9,390 CY

MEAN LOW
WATER LINE
EL. = 0.0' MLW

MEAN HIGH
WATER LINE
EL. = 1.9' MLW

HIGHEST OBSERVED
WATER LINE (HOWL)
EL. = 3.5' MLW

SAMPLE
LOCATIONS

B.M. PT #126
(3 NAILS)
EL. = 5.6' MLW

TOWN RAMP

LIMITS OF
DREDGING
FOR BASIN
TO -5' MLW

6-3 TO 1 SIDE
SLOPES (TYP)

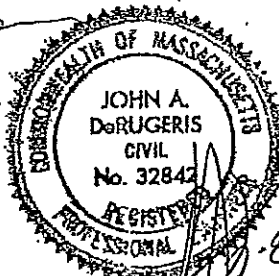
MAP 46 LOT 49
MAP 46 LOT 50
MAP 48 LOT 51
MAP 46 LOT 52
MAP 48 LOT 41
MAP 46 LOT 53
MAP 48 LOT 42
MAP 46 LOT 54
MAP 51 LOT 37
MAP 51 LOT 38
MAP 51 LOT 39
TOWN OF EDGARTOWN

STA 0+00
STA 1+00
STA 2+00
STA 3+00
STA 4+00
STA 5+00
STA 6+00
STA 7+00
STA 8+00
STA 9+00
STA 10+00
STA 11+00
STA 12+00
STA 13+00
STA 14+00
STA 15+00
STA 16+00
STA 17+00
STA 18+00
STA 19+00
STA 20+00
STA 21+00
STA 22+00

PERMIT NO. 359
Approved by Department of Environmental Protection
Date: OCT 01 1998

LIMITS OF EEL
GRASS HABITAT (TYP)

EEL GRASS
HABITAT



PLAN VIEW
PROPOSED MAINTENANCE
DREDGING



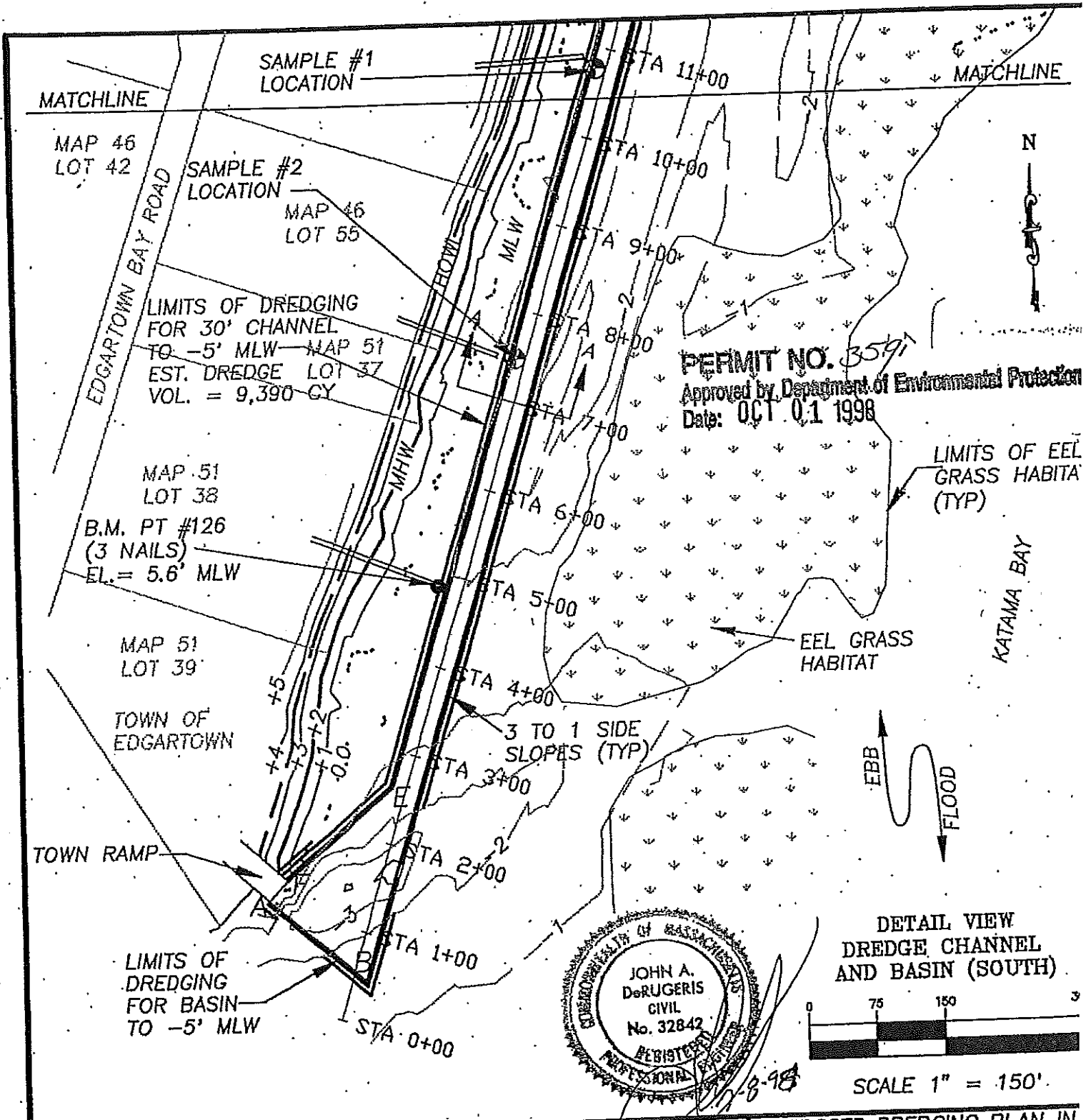
SCALE 1" = 300'

PURPOSE: PROPOSED DREDGING
TO IMPROVE ACCESS TO
NAVIGABLE WATERS FROM THE
KATAMA BOAT RAMP
DATUM: MLW = 0.0
MHW = 1.9
HTL = 2.3
J.E. ENGINEERING INC

PLAN VIEW OF PROPOSED
MAINTENANCE DREDGING

PROPOSED DREDGING PLAN IN
KATAMA BAY, EDGARTOWN HARBOR
AT: KATAMA BOAT RAMP
COUNTY OF: DUKES
APPLICATION BY: THE TOWN
OF EDGARTOWN, MA
DATE: 5/26/08 SHEET 2 OF 7

Dredge site Katama Boat Ramp / Channel



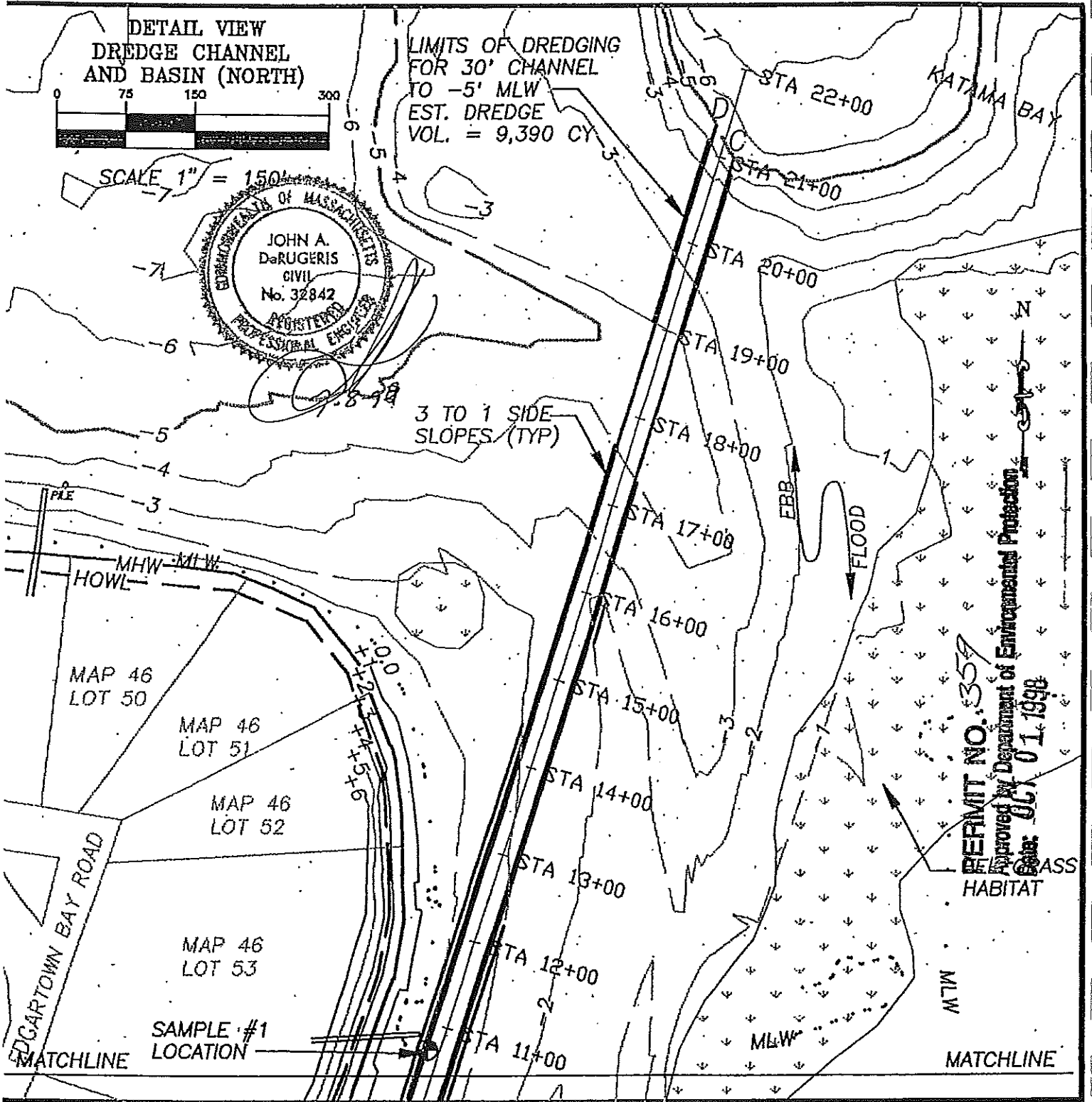
PURPOSE: PROPOSED DREDGING WILL IMPROVE ACCESS TO NAVIGABLE WATERS FROM THE KATAMA BOAT RAMP

DATUM: MLW = 0.0
 MHW = 1.9
 HTL = 2.3

**DETAIL VIEW
 PROPOSED DREDGE
 CHANNEL AND BASIN
 SOUTH**

**PROPOSED DREDGING PLAN IN
 KATAMA BAY, EDGARTOWN HAR
 AT: KATAMA BOAT RAMP
 COUNTY OF: DUKES
 APPLICATION BY: THE TOWN
 OF EDGARTOWN, MA
 DATE: 5/26/98 SHEET 3 OF**

Katama Boat Ramp / Channel



PURPOSE: PROPOSED DREDGING WILL IMPROVE ACCESS TO NAVIGABLE WATERS FROM THE KATAMA BOAT RAMP
 DATUM: MLW = 0.0
 MHW = 1.9
 HTL = 2.3
 PLE ENGINEERING, INC.

DETAIL VIEW
 PROPOSED DREDGE CHANNEL AND BASIN
 NORTH

PROPOSED DREDGING PLAN IN KATAMA BAY, EDGARTOWN HARBOR
 AT: KATAMA BOAT RAMP
 COUNTY OF: DUKES
 APPLICATION BY: THE TOWN OF EDGARTOWN, MA
 DATE: 5/26/98 SHEET 4 OF 7

ERMIT NO. 359
 Approved by Department of Environmental Protection
 Date: 01/01/1998

Dredge Site Katama Boat Ramp / Channel

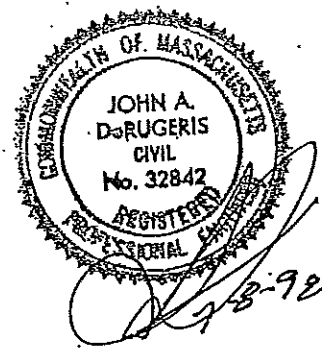
NOTES:

1. RESULTS OF HYDROGRAPHY FROM SURVEY ON 3-18-97 AND 3-19-97.
2. SOUNDINGS ARE IN NEGATIVE (-) FEET AND TENTHS, AND REFER TO DEPTHS BELOW MEAN LOW WATER (MLW) = 0.0, MEAN HIGH WATER (MHW) = +1.9'.
3. PROJ. VERT. DATUM IS BM No.1, PK NAIL SET IN TOP OF A CAP LOG AT THE HARBORMASTER'S SHACK IN EDGARTOWN, MA, ELEV. +6.47 MLW.
4. COORDINATES ARE BASED ON THE LAMBERT GRID SYSTEM FOR THE COMMONWEALTH OF MASS NAD83, AND WERE TAKEN BY CONTROL FURNISHED BY OWNER AND NOT INDEPENDENTLY VERIFIED.
5. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES SHOWN, AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS AT THAT TIME. INTERPOLATED INFORMATION FROM BETWEEN SOUNDINGS RUNS IS NOT GUARANTEED. SHOALS, OBSTRUCTIONS OR OTHER DIFFERING CONDITIONS MAY EXIST BETWEEN THESE RUNS. CONSULT WITH CLE ENGINEERING FOR MORE DETAILED INFORMATION.
6. POSSESSION AND USE OF THE MATERIAL CONTAINED ON THESE DRAWINGS IS GRANTED ONLY IN CONJUNCTION WITH ITS USE AS IT RELATES TO THE TITLED PROJECT, ANY OTHER USE, REPRODUCTION OR DISCLOSURE OF THE INFORMATION CONTAINED HEREIN IS EXPRESSLY PROHIBITED WITHOUT THE WRITTEN CONSENT OF CLE ENGINEERING, INC.
7. DREDGE QUANTITY FOR CHANNEL & BASIN TO -5' MLW = 9,390 CY ±.
8. DREDGE AREA FOR LAND UNDER OCEAN = 97,740 SF ±.
9. BEACH NOURISHMENT AREA BELOW HOWL = 6,470 SF ±.
10. BEACH NOURISHMENT CAPACITY = 9,900 CY ±.

PERMIT NO. 359
 Approved by Department of Environmental Protection
 Date: OCT 01 1998

COORDINATES:

	NORTHING	EASTING
A	N = 128,398.73	E = 1,640,635.85
B	N = 128,308.45	E = 1,640,739.78
C	N = 130,270.94	E = 1,641,352.27
D	N = 130,306.98	E = 1,641,332.13
E	N = 128,519.71	E = 1,640,774.29
F	N = 128,421.31	E = 1,640,656.10
G	N = 127,044.08	E = 1,641,041.45
H	N = 127,068.93	E = 1,641,964.20



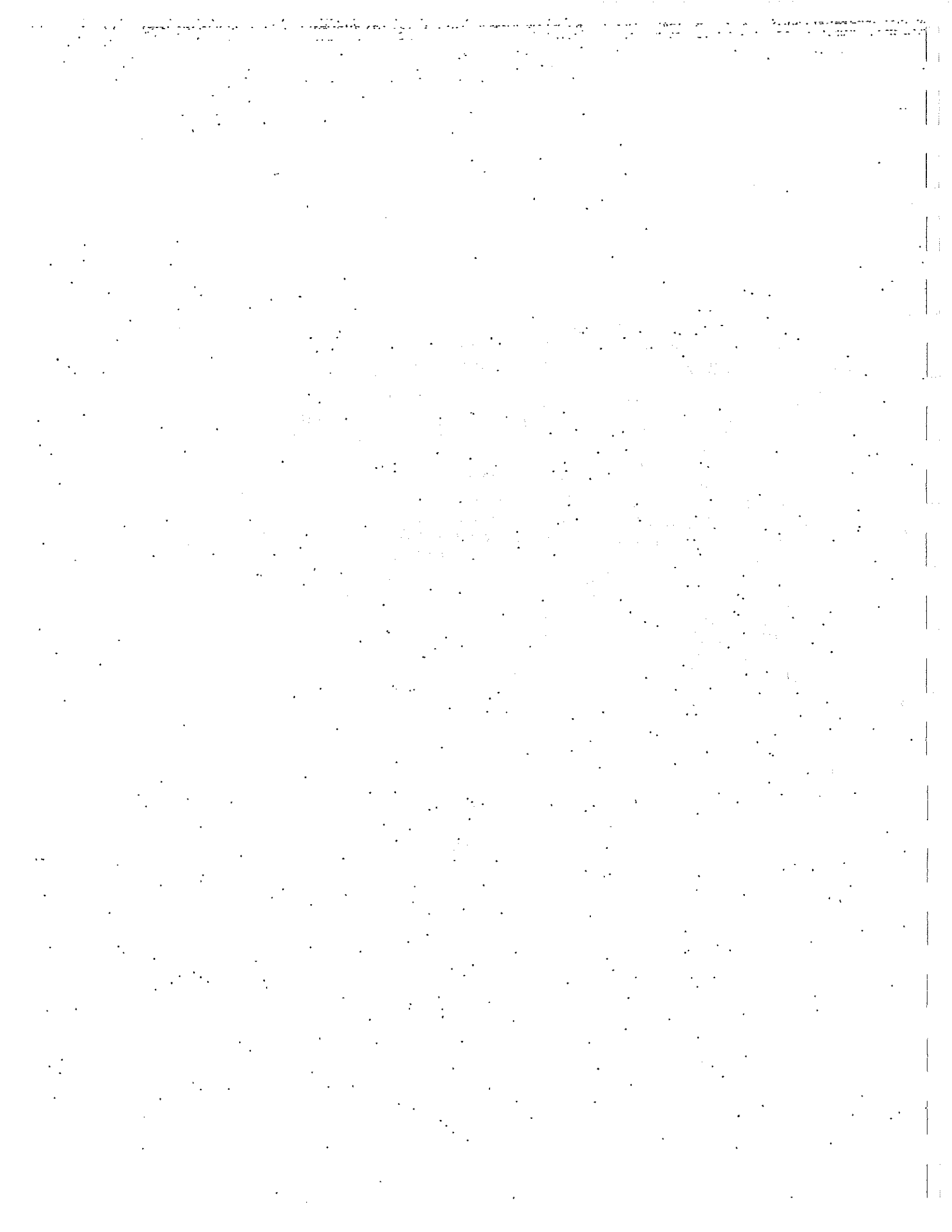
PURPOSE: PROPOSED DREDGING WILL IMPROVE ACCESS TO NAVIGABLE WATERS FROM THE KATAMA BOAT RAMP

DATUM: MLW = 0.0
 MHW = 1.9
 HTL = 2.3

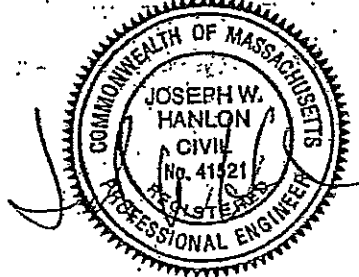
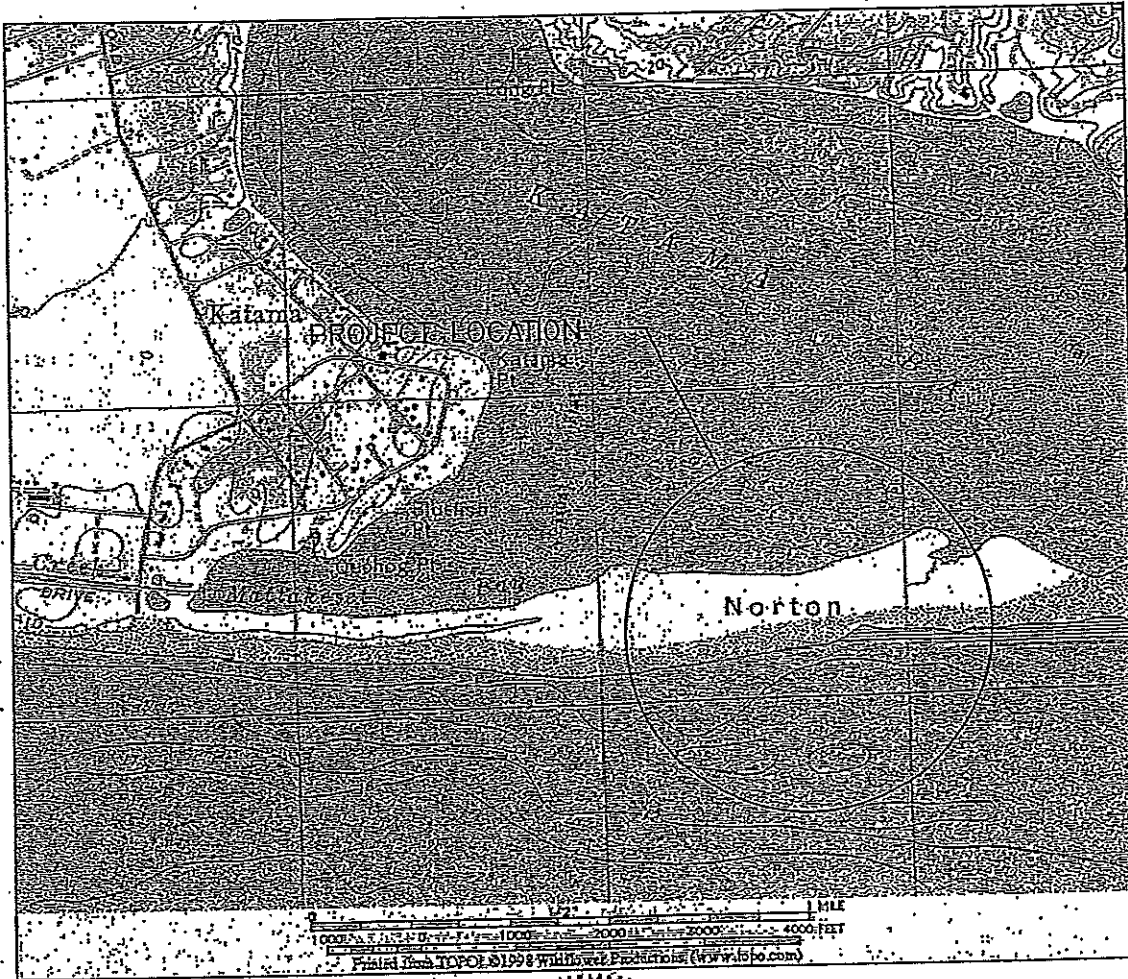
CLE ENGINEERING, INC.

NOTES AND COORDINATES

PROPOSED DREDGING PLAN IN KATAMA BAY, EDGARTOWN HARBOR:
 AT: KATAMA BOAT RAMP
 COUNTY OF: DUKES
 APPLICATION BY: THE TOWN OF EDGARTOWN, MA
 DATE: 5/26/98 SHEET 7 OF




PERMIT NO. 9869 Katama Channel Bay
 Approved by Department of Environmental Protection
 Date:

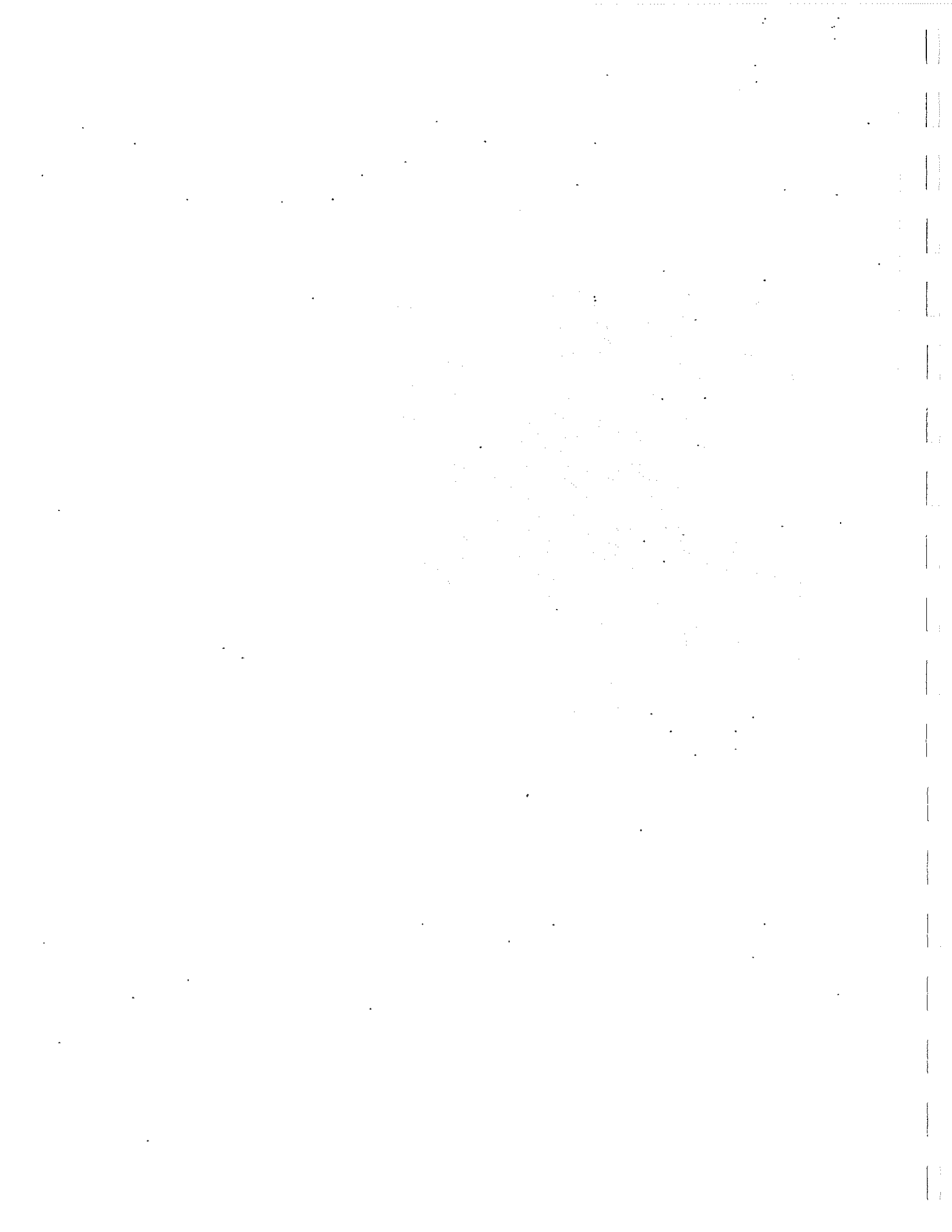


0 2000 4000
 SCALE: 1" = 2000ft.

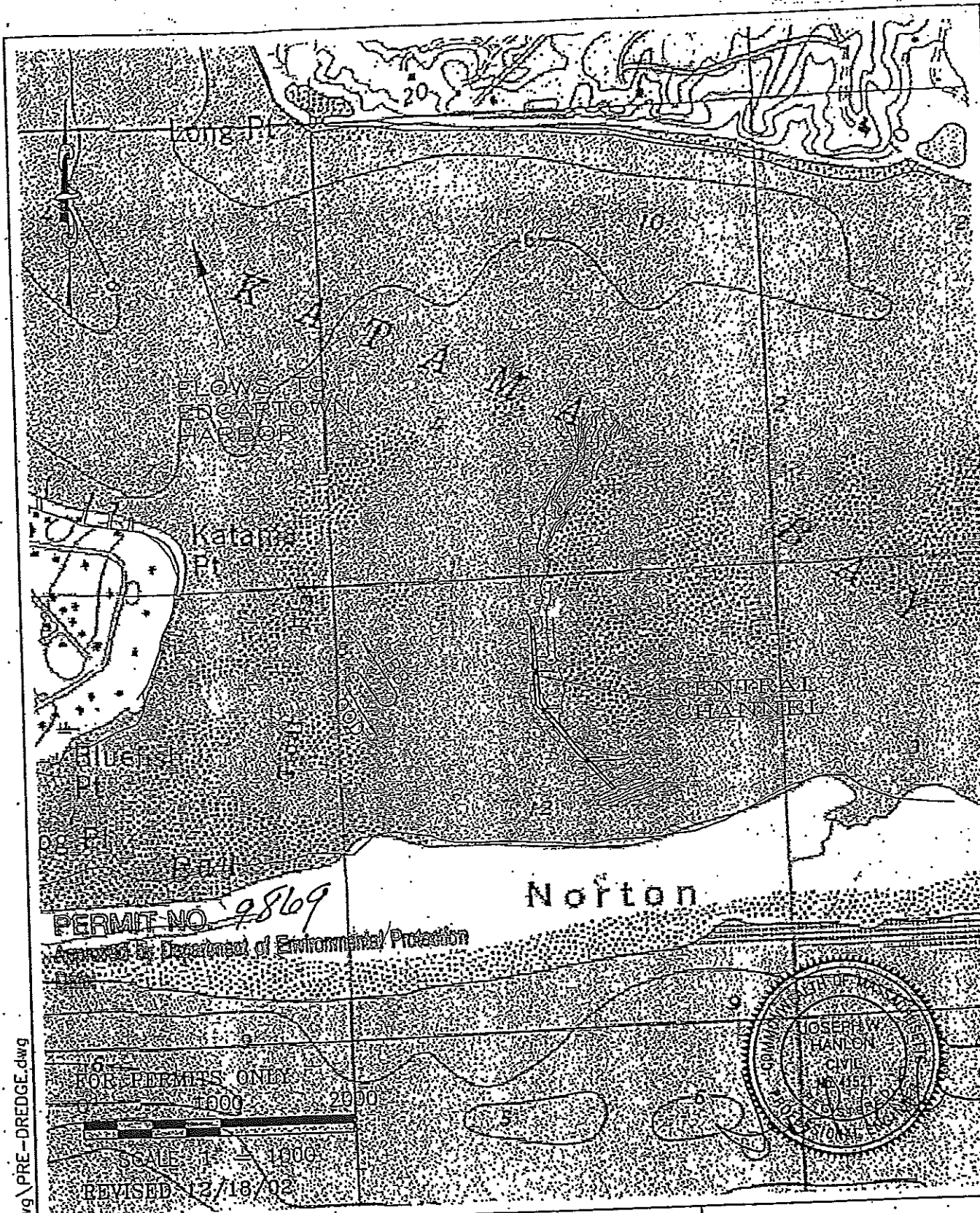
FOR PERMITS ONLY
 REVISED 2/24/03


PURPOSE: BEACH NOURISHMENT	TITLE: LOCUS MAP	APPLICATION BY: TOWN OF EDGARTOWN
100 YR FLOOD 11.0 HTL 2.3 MHW 1.9 NGVD 1.0 MLW 0.0	 Bourne Consulting Engineering <small>188 York Street Bourne, MA 01906 TEL (508) 528-8733 FAX (508) 528-8772</small>	IN: EDGARTOWN AT: NORTON BEACH COUNTY: DUKES STATE: MA SHEET 1 OF 5 DATE: 04/04/02

File: X:\22428\NORTON POINT.dwg Permit Feb03.dwg

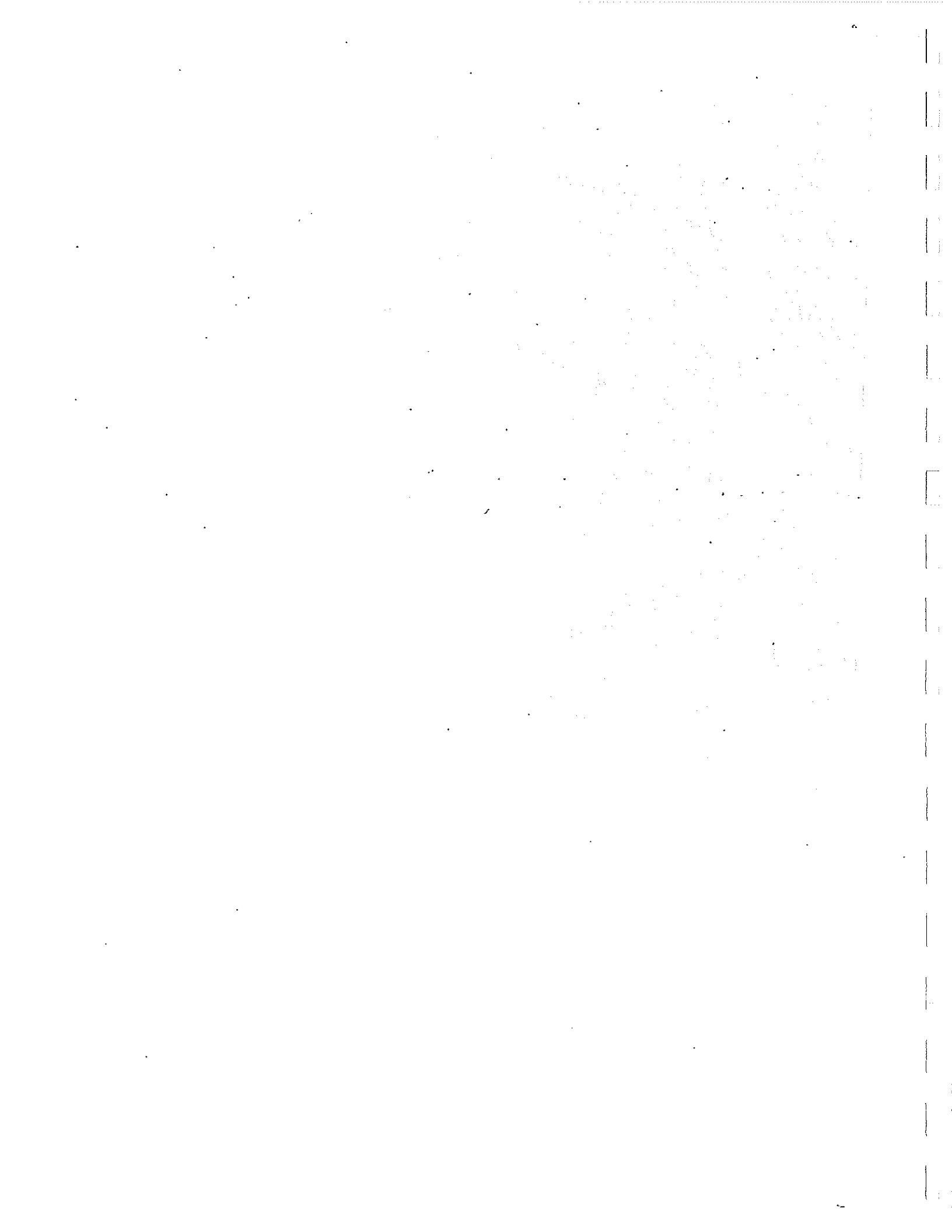


X:\22428\KATAMA BAY\dwg\PRE-DREDGE.dwg



PURPOSE: NAVIGATIONAL IMPROVEMENT	TITLE: KATAMA BAY NAVIGATIONAL CHANNEL LOCUS PLAN	APPLICATION BY: TOWN OF EDGARTOWN
HTL +9.9 MHW +2.5 NGVD +1.9 MLW +0.9 0.0	 Bourne Consulting Engineering <small>144 West Central Street Bourne, MA 01929 Tel: (508) 238-2123 Fax: (508) 238-9973</small>	IN: KATAMA BAY AT: EDGARTOWN COUNTY: DUKES STATE: MA SHEET 1 OF 6 DATE: FEB. '02





Katama Bay Channel

NOTES:

1. HYDROGRAPHIC DATA SHOWN HEREON WAS COLLECTED ON DECEMBER 13, 2002 BY BOURNE CONSULTING ENGINEERING AND CAN ONLY REFLECT CONDITIONS AS THEY EXISTED DURING THE TIME OF THE SURVEY.
2. COORDINATES ARE BASED ON MASSACHUSETTS STATE PLANE COORDINATE SYSTEM (ISLAND NAD 83) AND ARE EXPRESSED IN FEET.
3. SOUNDINGS ARE SHOWN IN FEET AND TENTHS BELOW A MEAN LOW WATER DATUM.
4. DREDGE AREAS SHOWN ARE TO EL. -4 WITH A 1 FOOT OVER DREDGE SIDE SLOPES TO MEET EXISTING GRADE AT 1V:3H SLOPE.
5. BENCH MARK IS FEMA REFERENCE MARK 4.3 EL. +8.63 MLW. IT IS A CHISED SQUARE ON THE NORTH CORNER OF THE EAST HEADER OF BOX CULVERT, KATAMA RD. OVER MATTAKESET HERRING CREEK, APPROXIMATELY 75 FEET NORTH OF JUNCTION OF KATAMA RD AND ATLANTIC DR.
6. THE ESTIMATED QUANTITY OF DREDGING AND AREA OF IMPACT IS AS FOLLOWS:

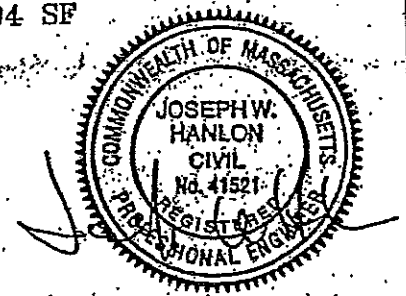
	AREA:	VOLUME:
CENTRAL CHANNEL:		
DREDGE EL. -4	40,460 SF	2,300 CY
OVER DREDGE EL. -5	9,634 SF	1,675 CY
TOTAL =	50,094 SF	3,975 CY

7. RESOURCE AREAS:

CENTRAL CHANNEL:

LAND CONTAINING SHELLFISH:	50,094 SF
LAND UNDER OCEAN:	50,094 SF

PERMIT NO. 9869
 Approved by Department of Environmental Protection
 Date:



REVISED 12/18/02

X:\22428\KATAMA BAY\dwg\PRE-DREDGE.dwg

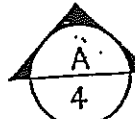
PURPOSE: NAVIGATIONAL IMPROVEMENT	TITLE: KATAMA BAY NAVIGATIONAL CHANNEL NOTES	APPLICATION BY: TOWN OF EDGARTOWN
HTL +9.9 MHW +2.5 NGVD +1.9 MLW +0.9 MLW 0.0	<p>Bourne Consulting Engineering 247 West Commercial Street Bourne, MA 01929 TEL: (508) 839-8225 FAX: (508) 839-8271</p>	IN: KATAMA BAY AT: EDGARTOWN COUNTY: DUKES STATE: MA SHEET 2 OF 6 DATE: FEB. '02

Katama Bay Channel

N 129034.62
E 1643556.34

N 129035.18
E 1643576.25

CENTRAL CHANNEL



LAND CONTAINING SHELLFISH

560'

KD-3-3

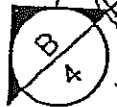
N 128480.74
E 1643597.75

KATAMA BAY

N 128471.63
E 1643578.08

KD-3-2

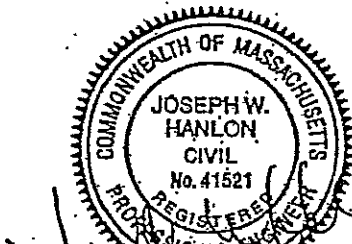
LAND UNDER THE OCEAN



835'

KD-3-1

N 127850.93
E 1644139.75



PERMIT NO. 9869
Approved by Department of Environmental Protection

FOR PERMITS ONLY




SCALE: 1" = 200'

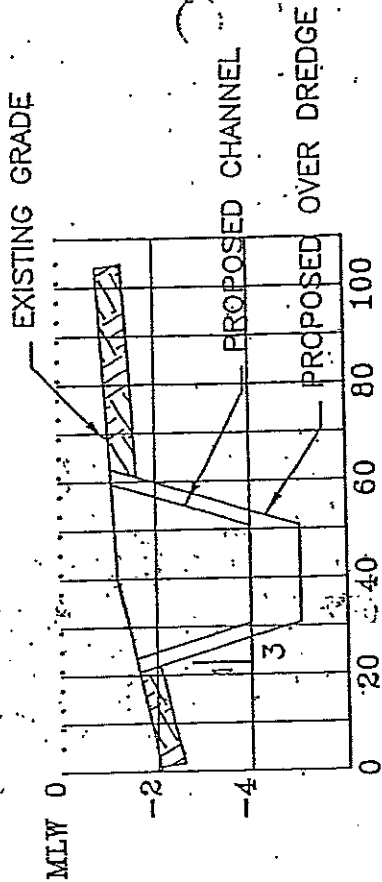
REVISED 12/18/02

N 127837.39
E 1644124.60

X:\22428\KATAMA BAY\PRE-DREDGE.dwg

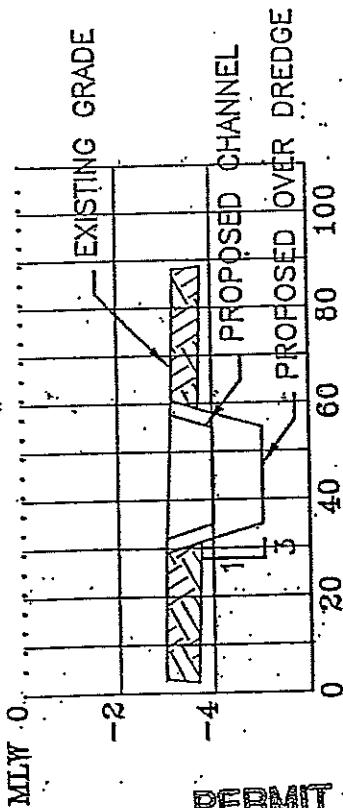
PURPOSE: NAVIGATIONAL IMPROVEMENT	TITLE: KATAMA BAY NAVIGATIONAL CHANNEL OVERVIEW	APPLICATION BY: TOWN OF EDGARTOWN
HTL +9.9 MHW +2.5 NGVD +1.9 MLW +0.9 0.0		IN: KATAMA BAY AT: EDGARTOWN COUNTY: DUKES STATE: MA SHEET 3 OF 6 DATE: FEB. '02

Katama Bay Channel



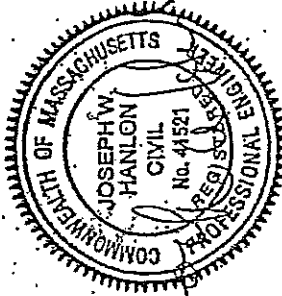
CROSS SECTION

HORIZONTAL SCALE: 1" = 40'-0"
 VERTICAL SCALE: 1" = 4'-0"



CROSS SECTION

HORIZONTAL SCALE: 1" = 40'-0"
 VERTICAL SCALE: 1" = 4'-0"



PERMIT NO. 9869
 Approved by Department of Environmental Protection
 Date:

FOR PERMITS ONLY

REVISED 12/18/02

100 YR FLOOD	+9.9	NGVD	+0.9
HTL	+2.5	MLW	0.0
MHW	+1.9		



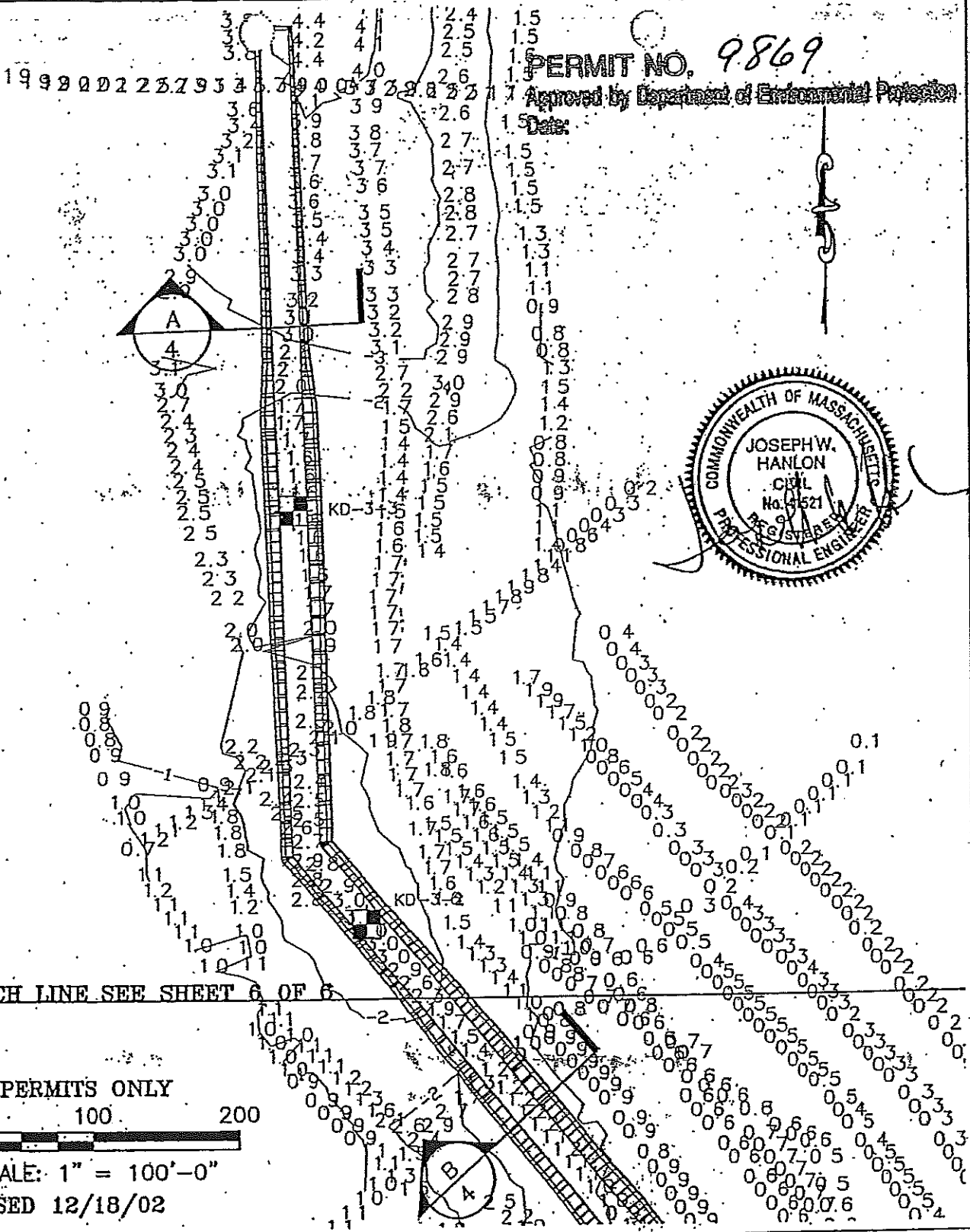
TITLE: KATAMA BAY NAVIGATIONAL CHANNEL SECTIONS

PURPOSE: NAVIGATIONAL IMPROVEMENT

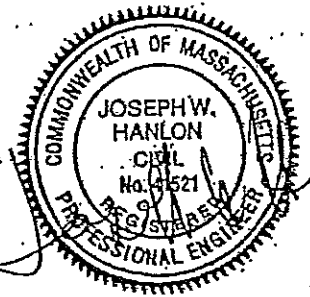
APPLICATION BY: TOWN OF EDGARTOWN

IN: KATAMA BAY
 AT: EDGARTOWN
 COUNTY: DUKES
 STATE: MA

SHEET 4 OF 6
 DATE: FEB. 2002




PERMIT NO. 9869
 Approved by Department of Environmental Protection
 Date:



MATCH LINE SEE SHEET 6 OF 6

FOR PERMITS ONLY
 0 100 200
 SCALE: 1" = 100'-0"
 REVISED 12/18/02

PURPOSE: NAVIGATIONAL IMPROVEMENT	TITLE: KATAMA BAY NAVIGATIONAL CHANNEL SOUNDINGS PLOT	APPLICATION BY: TOWN OF EDGARTOWN
HTL +9.9 MHW +2.5 NGVD +1.9 MLW +0.9 0.0		IN: KATAMA BAY AT: EDGARTOWN COUNTY: DUKES STATE: MA SHEET 5 OF 6 DATE: FEB '02

X:\22428\KATAMA BAY.dwg\PRE-DREDGE.dwg

Great Pond Channel

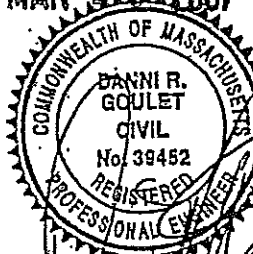
0 150 300



SCALE PERMIT NO. 11751

Approved by Department of Environmental Protection

Date: MAR 28, 2007



EDGARTOWN
GREAT POND

CORE SAMPLE
2S 2FT DEPTH
2D 6FT DEPTH

TOE OF SLOPE
= -5.00

FEMA
ZONE VE
EL. +10 (NGVD)

CORE SAMPLE
1S 1FT DEPTH
1D 6FT DEPTH

POND EDGE

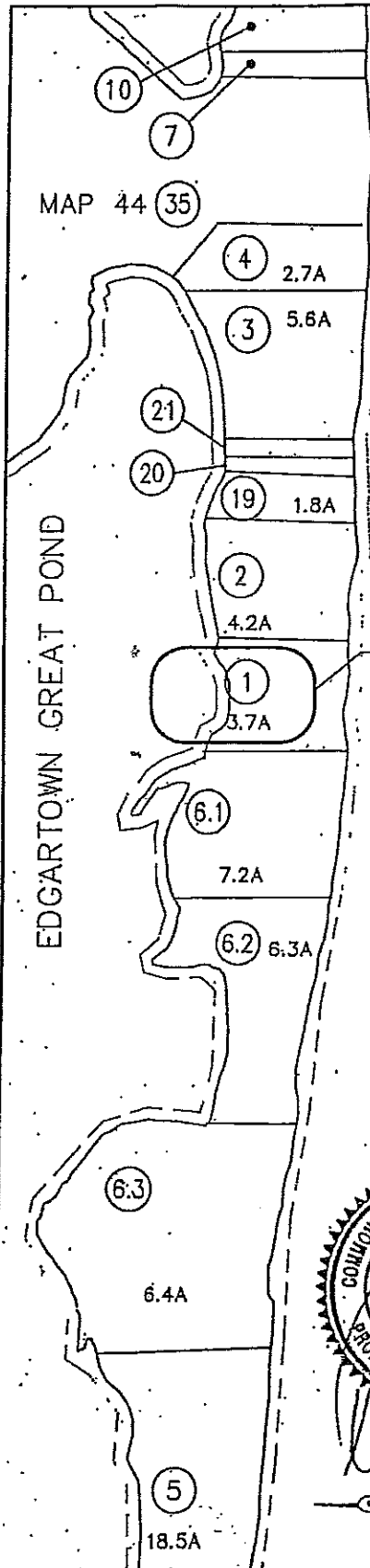
REVISED: 05/16/00

NOTES:

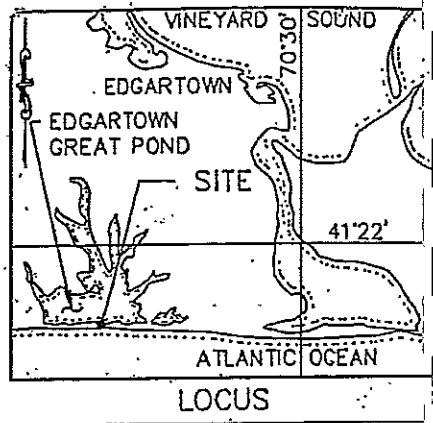
1. HYDROGRAPHIC DATA SHOWN HEREON WAS COLLECTED ON JUNE 24, 1998 BY BOURNE CONSULTING ENGINEERING AND CAN ONLY REFLECT CONDITIONS AS THEY EXISTED DURING THE TIME OF THE SURVEY.
2. COORDINATES ARE BASED ON MASSACHUSETTS ISLANDS COORDINATE SYSTEM AND ARE EXPRESSED IN FEET.
3. ELEVATIONS ARE BASED ON A MEAN LOW WATER DATUM.
4. THE VOLUME OF MATERIAL TO BE REMOVED FOR THE CHANNEL IS 9,800 CY. THE IMPACT AREA IS 115,100 SF.
5. MHW = +3.0, MLW = 0.0, POND SURF. = +0.82

<p>PURPOSE: PROPOSED DREDGE</p>	<p>TITLE: DREDGE PLAN</p>	<p>APPLICATION BY: TOWN OF EDGARTOWN</p>
<p>100 YR FLOOD +11.5</p>		<p>IN: EDGARTOWN, GREAT POND</p>

Great Pond Channel Dredge site



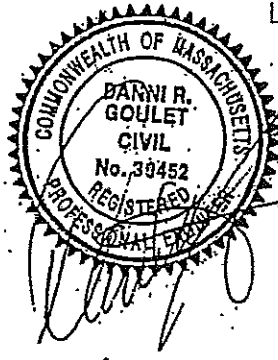
PERMIT NO. 11751
 Approved by Department of Environmental Protection
 Date: **MAR 28 2007**



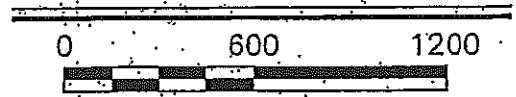
SCALE: 1" = 3000'

- LAND OWNER:
 MAP 44:
 LOT 35: HERRING CREEK FARM TRUST
 CARE OF GID ASSISTANT CONTROLLER
- LAND OWNER:
 MAP 53:
- LOT 1: WILCOX, SHIRLEY
 RFD 477, VINEYARD HAVEN, MA
 - LOT 2: MARTHA'S VINEYARD LAND BANK
 P.O. BOX 2057, EDGARTOWN, MA 02539
 - LOT 3: ROSA BETH MOSS & MARQUAND JANE
 6 CHANNY PLACE, CAMBRIDGE, MA 02138
 - LOT 4: R.A. BROWN ENTERPRISE, INC.
 RFD 300A, EDGARTOWN, MA 02539
 - LOT 7: HERRING CREEK FARM TRUST
 CARE OF GID ASSISTANT CONTROLLER
 600 ATLANTIC AVE., SUITE 2,000
 BOSTON, MA 02210
 - LOT 10: BARBARA J. PAYNE TRS.
 HERRING CREEK FARM TRUST
 - LOT 19: MARTHA'S VINEYARD LAND BANK
 P.O. BOX 2057, EDGARTOWN, MA 02539
 - LOT 20: O'CONNOR, ANTHONY
 1158 FIFTH AVE., NY, NY 10029
 - LOT 21: BURK, KATHERINE
 OFF SLOUGH COVE ROAD, EDGARTOWN, MA 02539

SOURCE: EDGARTOWN ASSESSORS
 MAP 44, 53, & 54, JAN, 1997



SITE PLAN



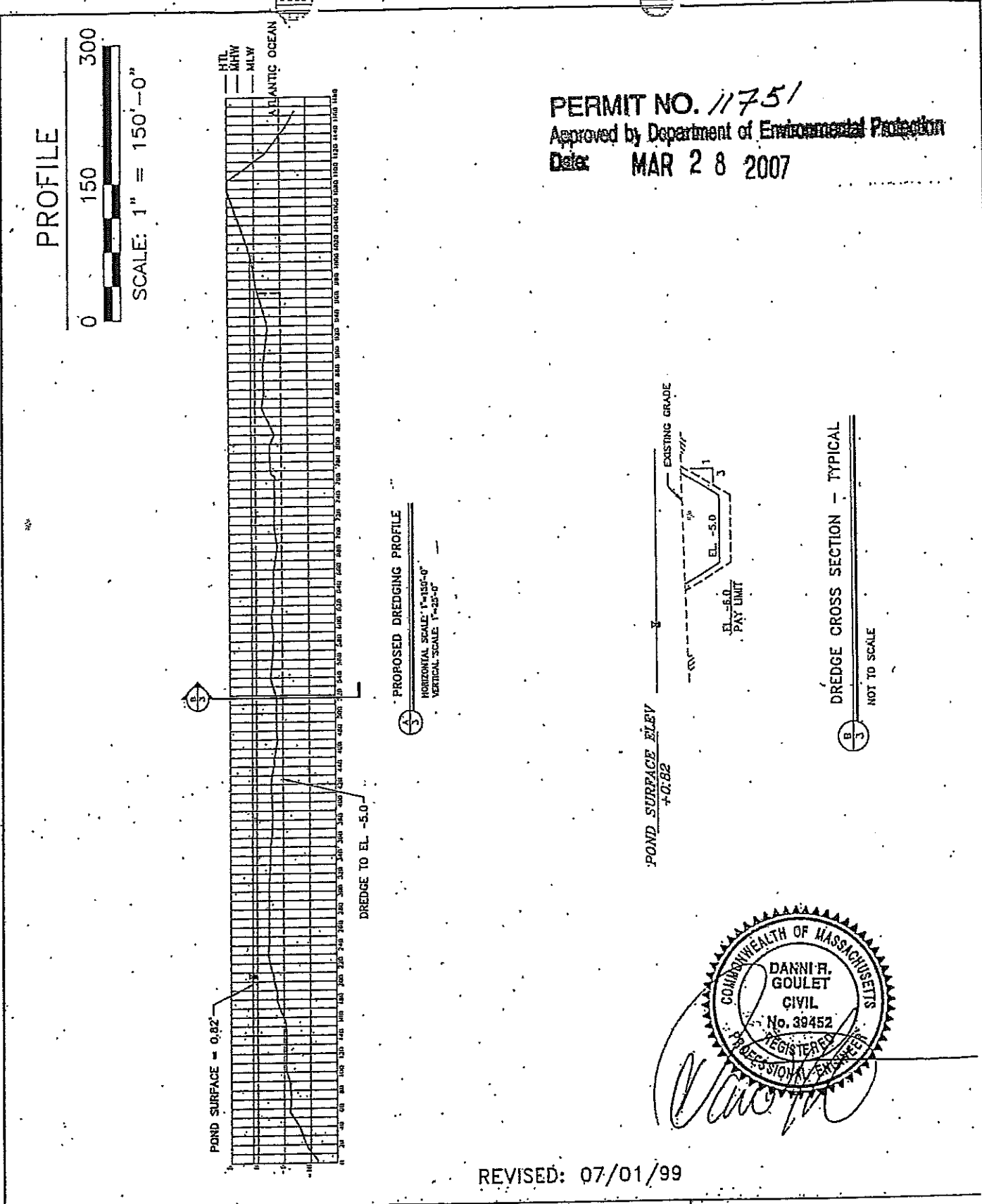
SCALE: 1" = 600'

REVISED: 07/01/99 *Great Pond*

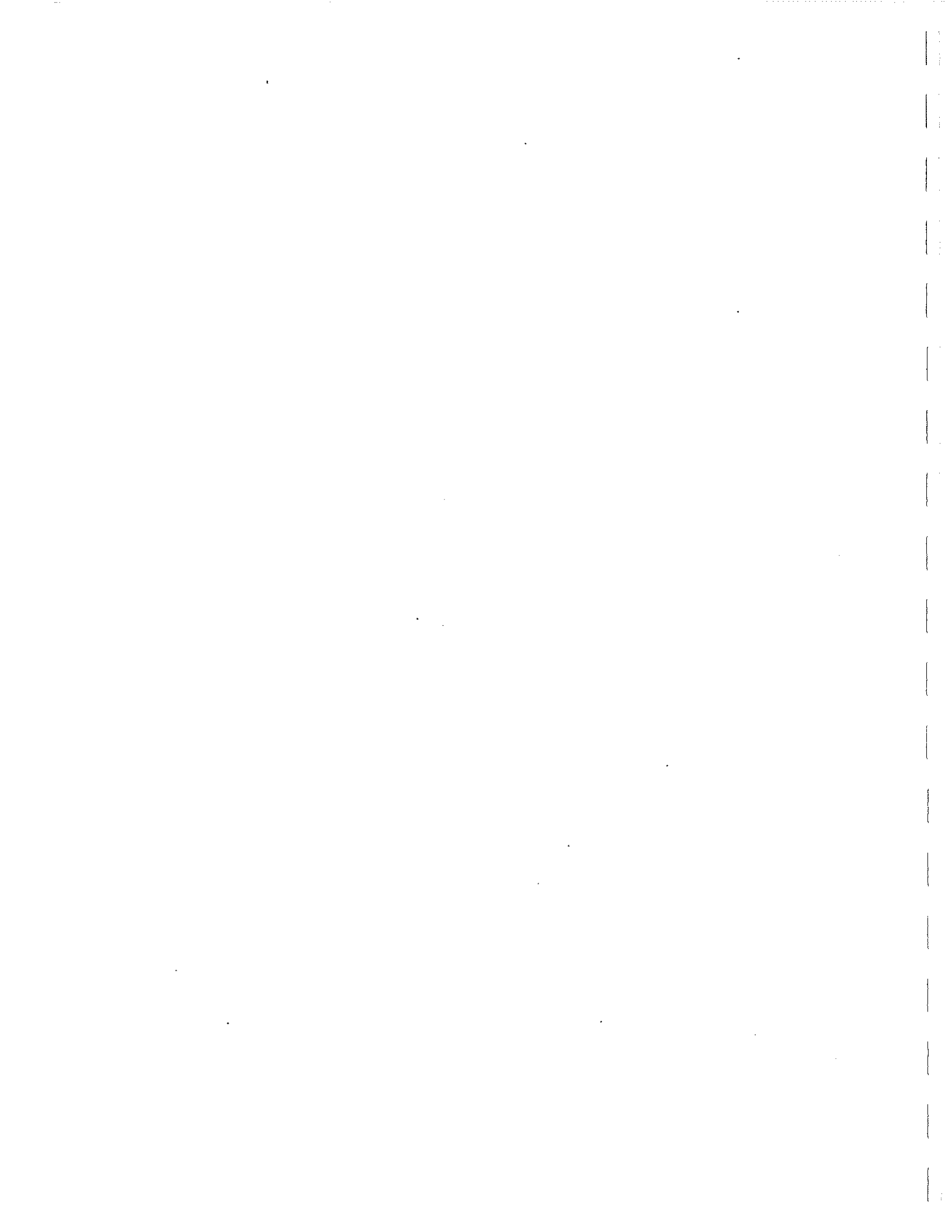
PURPOSE: PROPOSED DREDGE	TITLE: LOCUS PLAN	APPLICATION BY: TOWN OF EDGARTOWN
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100 YR FLOOD HTI	+11.5 +5.0	IN: EDGARTOWN GREAT POND AT: SOUTH BEACH
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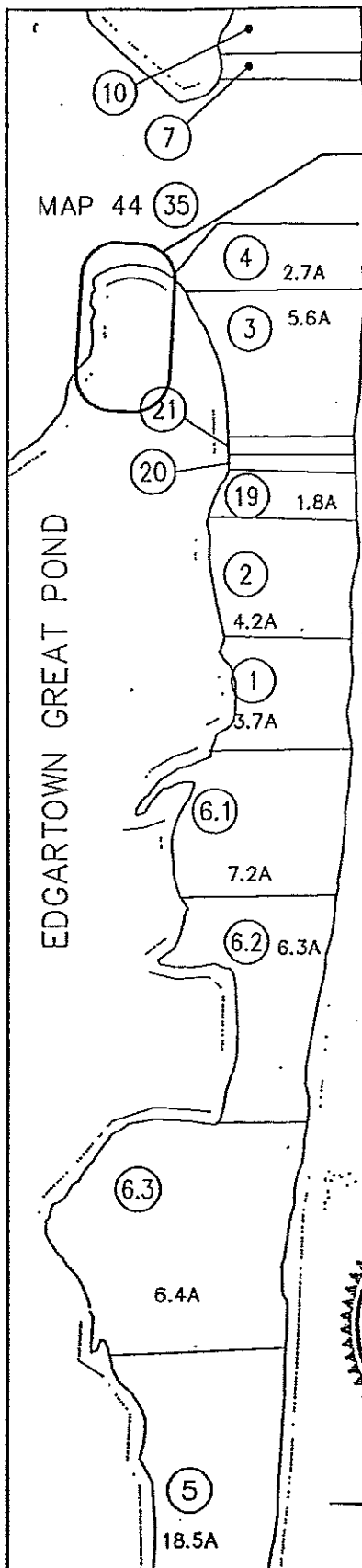
Great Pond Channel Dredge



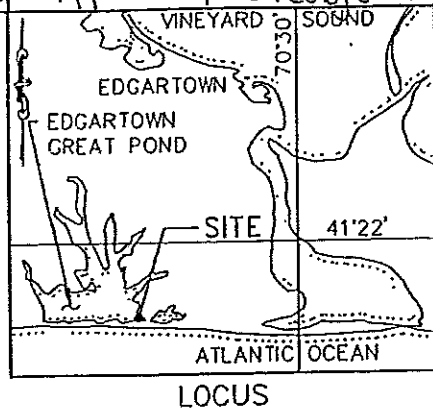
PURPOSE: PROPOSED DREDGE	TITLE: DREDGE PROFILE AND SECTIONS	APPLICATION BY: TOWN OF EDGARTOWN
100 YR FLOOD HTL +11.5 +5.0		IN: EDGARTOWN, GREAT POND AT: SOUTH BEACH



Sluiceway Approach Dredge Plans



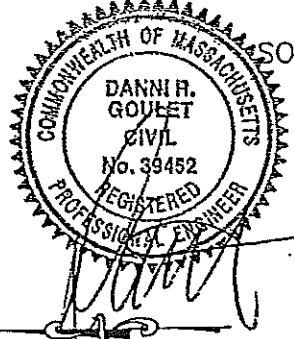
PERMIT NO. 9174
 Approved by Department of Environmental Protection
 Date: **JAN 24 2002**



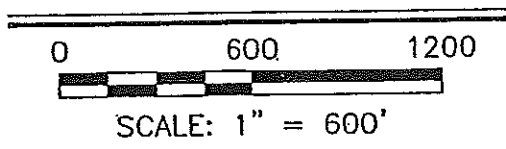
SCALE: 1" = 3000'

- LAND OWNER:
 MAP 44:
 LOT 35: HERRING CREEK FARM TRUST
 CARE OF GID ASSISTANT CONTROLLER
- LAND OWNER:
 MAP 53:
- LOT 1: MARTHA'S VINEYARD LAND BANK
 P.O. BOX 2057, EDGARTOWN, MA 02539
 - LOT 2: MARTHA'S VINEYARD LAND BANK
 P.O. BOX 2057, EDGARTOWN, MA 02539
 - LOT 3: ROSA BETH MOSS & MARQUAND JANE
 6 CHANNY PLACE, CAMBRIDGE, MA 02138
 - LOT 4: R.A. BROWN ENTERPRISE, INC.
 RFD 300A, EDGARTOWN, MA 02539
 - LOT 7: HERRING CREEK FARM TRUST
 CARE OF GID ASSISTANT CONTROLLER
 600 ATLANTIC AVE., SUITE 2,000
 BOSTON, MA 02210
 - LOT 10: BARBARA J. PAYNE TRS.
 HERRING CREEK FARM TRUST
 - LOT 19: MARTHA'S VINEYARD LAND BANK
 P.O. BOX 2057, EDGARTOWN, MA 02539
 - LOT 20: O'CONNOR, ANTHONY
 1158 FIFTH AVE., NY, NY 10029
 - LOT 21: BURK, KATHERINE
 OFF SLOUGH COVE ROAD, EDGARTOWN, MA 02539


SOURCE: EDGARTOWN ASSESSORS
 MAP 44, 53 & 54, JAN, 1997



SITE PLAN



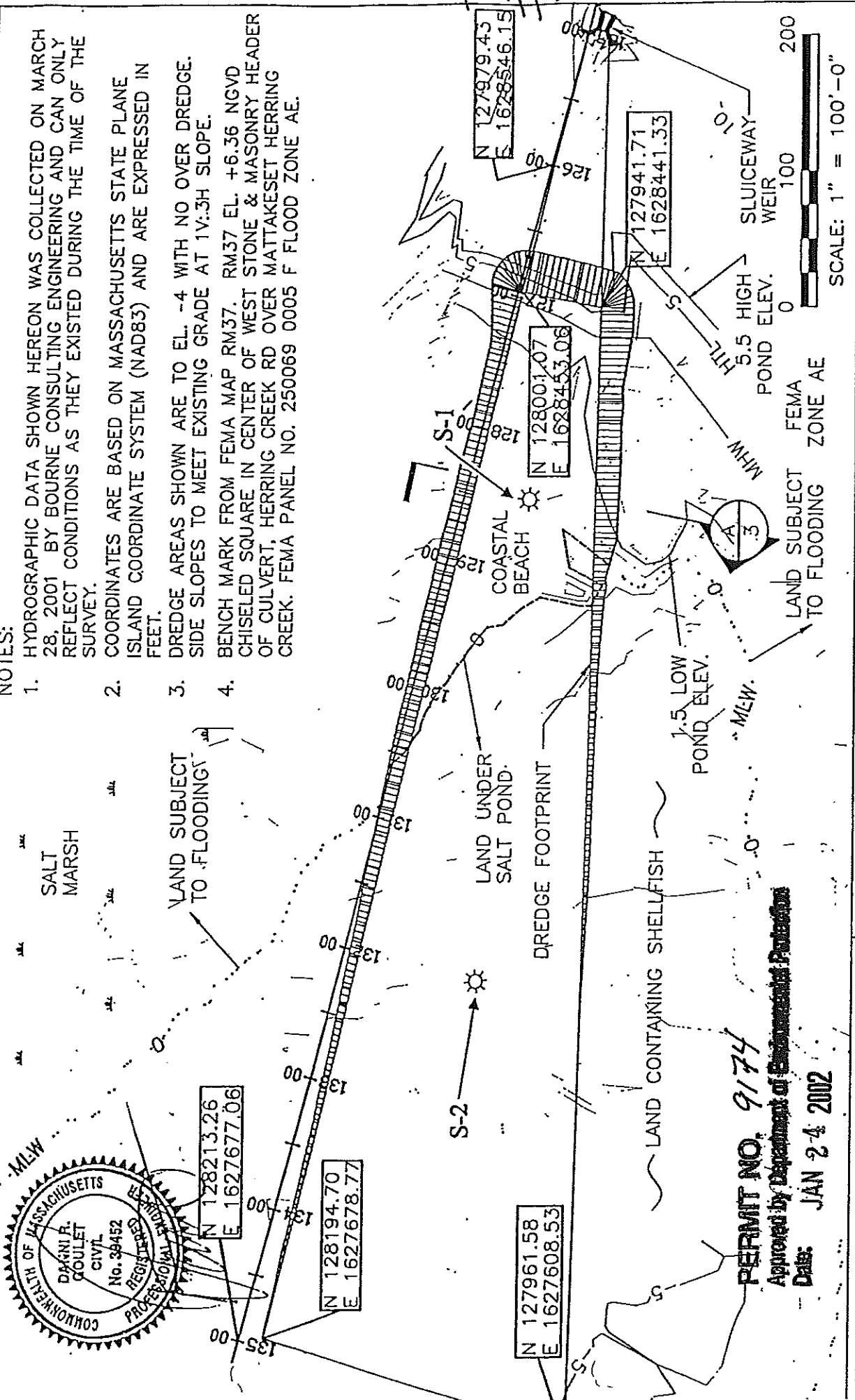
NOTE: POND IS NOT TIDAL, EXCEPT FOR A FEW WEEKS
 WHEN MANUALLY OPENED TO THE OCEAN.

PURPOSE: WATER QUALITY & WATER LEVEL CONTROL	TITLE: AT SLUICEWAY APPROACH	APPLICATION BY: TOWN OF EDGARTOWN
100 YR FLOOD +11.5 HTL +5.0 MHW +3.5 NGVD +1.5 MLW 0.0	 Bourne Consulting Engineering 114 West Central Street Franklin, MA 02038 TEL (508) 528-8133 FAX (508) 528-8171	IN: EDGARTOWN GREAT POND AT: HERRING CRK SLUICEWAY COUNTY: DUKES STATE: MA SHEET 1 OF 3 DATE: 5/22/01

Sluiceway Approach

NOTES:

1. HYDROGRAPHIC DATA SHOWN HEREON WAS COLLECTED ON MARCH 28, 2001 BY BOURNE CONSULTING ENGINEERING AND CAN ONLY REFLECT CONDITIONS AS THEY EXISTED DURING THE TIME OF THE SURVEY.
2. COORDINATES ARE BASED ON MASSACHUSETTS STATE PLANE ISLAND COORDINATE SYSTEM (NAD83) AND ARE EXPRESSED IN FEET.
3. DREDGE AREAS SHOWN ARE TO EL. -4 WITH NO OVER DREDGE. SIDE SLOPES TO MEET EXISTING GRADE AT 1V:3H SLOPE.
4. BENCH MARK FROM FEMA MAP RM37. RM37 EL. +6.36 NGVD CHISELED SQUARE IN CENTER OF WEST STONE & MASONRY HEADER OF CULVERT, HERRING CREEK RD OVER MATTAKESET HERRING CREEK. FEMA PANEL NO. 250069 0005 F FLOOD ZONE AE.



PERMIT NO. 9174
 Approved by Department of Environmental Protection
 Date: **JAN 24 2002**

100 YR FLOOD	+11.5	NGVD	+1.5	TITLE:	AT SLUICeway APPROACH
HTL	+5.0	MLW	0.0	PURPOSE:	WATER QUALITY & IFVFI CONTROL
MHW	+3.5			APPLICATION BY:	TOWN OF EDGARTOWN
				IN:	EDGARTOWN GREAT POND
				AT:	HERRING CREEK SLUICeway
				COUNTY:	DUKES
				STATE:	MA
SHEET 2 OF 3					



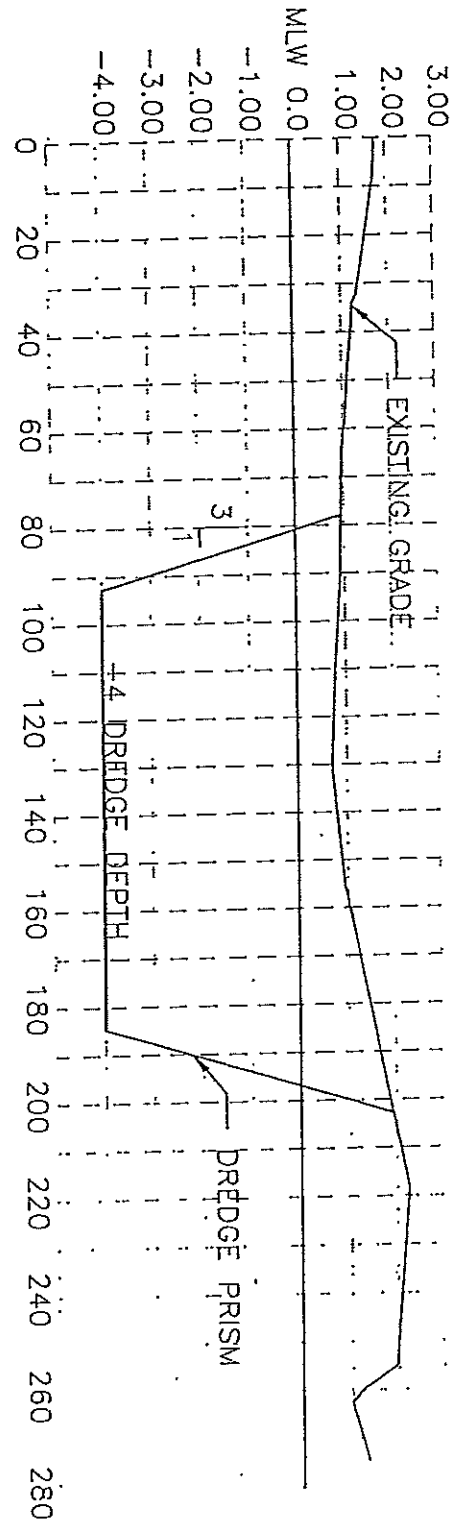
Sluiceway Approach

5. THE ESTIMATED QUANTITY OF DREDGING AND AREA OF IMPACT IS AS FOLLOWS:

CHANNEL:
 BETWEEN HTL & MHW
 BETWEEN MHW & MLW
 BELOW MLW

AREA:
 138,186SF
 2,382SF
 30,749SF
 105,055SF

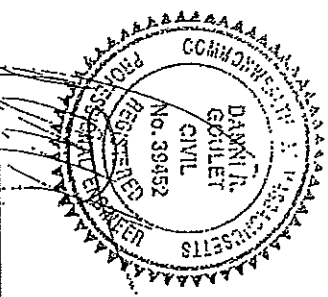
VOLUME:
 9,800 CY



TYPICAL DREDGE SECTION

HORIZONTAL SCALE: 1" = 40'-0"
 VERTICAL SCALE: 1" = 4'-0"

PERMIT NO. 9174
 Approved by Department of Environmental Protection
 Date: JAN 24 2002

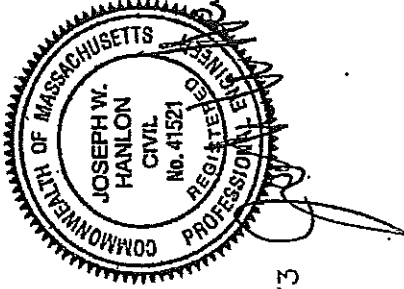


100 YR FLOOD	+11.5	NGVD	+1.5	TITLE:	AT SLUICEWAY APPROACH	APPLICATION BY:	TOWN OF EDGARTOWN	IN: EDGARTOWN GREAT POND
HTL	+5.0	MLW	0.0	PURPOSE:	WATER QUALITY & LEVEL CONTROL			AT: HERRING CREEK SLUICE WAY
MHW	+3.5							COUNTY: DUKES
								STATE: MA
				SHEET 3 OF 3	DATE: 5/22/01			



NOTES:

1. TOPOGRAPHIC INFORMATION SHOWN HEREON IS THE RESULT OF TOPOGRAPHIC SURVEY PERFORMED BY BCE ON 3/27/01, 3/14/02, 4/05/02, AND BASED ON EDGARTOWN MEAN LOW WATER DATUM.
2. COORDINATE INFORMATION IS BASED ON NAD 83, MASSACHUSETTS ISLAND COORDINATE SYSTEM. ELEVATIONS ARE BASED ON EDGARTOWN MEAN LOW WATER, AN ADJUSTMENT OF 0.9' BELOW NGVD OF 1929.
3. PROPERTY LINES SHOWN ON THESE PLANS ARE BASED ON EDGARTOWN ASSESSORS MAP.
4. BENCHMARK INFORMATION IS TAKEN FROM FIRM BENCHMARK RM 43; CHISELED SQUARE ON THE NORTH CORNER OF THE EAST HEADWALL OF THE BOX CULVERT AT THE INTERSECTION OF KATAMA ROAD AND HERRING CREEK, ELEVATION 7.73 NGVD (6.83 MLW).
5. TIDE BOARD WAS SET BY BCE ON 3/14/02.
6. THE ESTIMATED QUANTITY OF EXCAVATION BETWEEN EDGARTOWN GREAT POND & THE SLUICeway IS AS FOLLOWS:
 AREA: 16,700 SF
 VOLUME: 3,885 CY
 THE ESTIMATED QUANTITY OF DREDGING AND AREA OF IMPACT IS AS FOLLOWS:
 AREA: 13,000 SF
 VOLUME: 840 CY



EL. 0 MAINTENANCE 350 SF
 HERRING CREEK ROAD 30,050 SF
 VOLUME: 4,745 CY

TOTAL 70,000 SF
 VOLUME: 5,400 CY

THE AREA AND VOLUME AVAILABLE FOR BEACH NOURISHMENT IS:

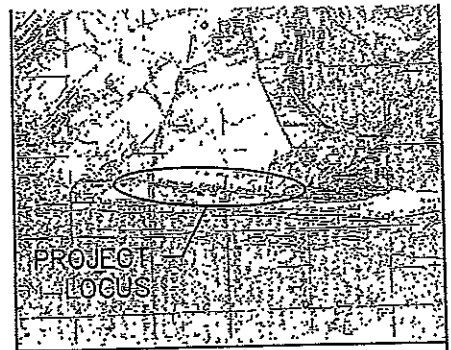
AREA: 70,000 SF
 VOLUME: 5,400 CY

800200110

100 YR FLOOD HTL MHW	7.1 2.3 1.9	NGVD MLW	0.9 0.0	TITLE: GREAT POND/HERRING CREEK RESTORATION	IN: GREAT POND/HERRING CREEK AT: EDGARTOWN COUNTY: DUKES STATE: MA
PURPOSE: FISHERIES RESTORATION				APPLICATION BY: TOWN OF EDGARTOWN	SHEET 1 OF 21 DATE: 06/21/02
				REV 6/27/02 REV 9/05/02	



Herring Creek



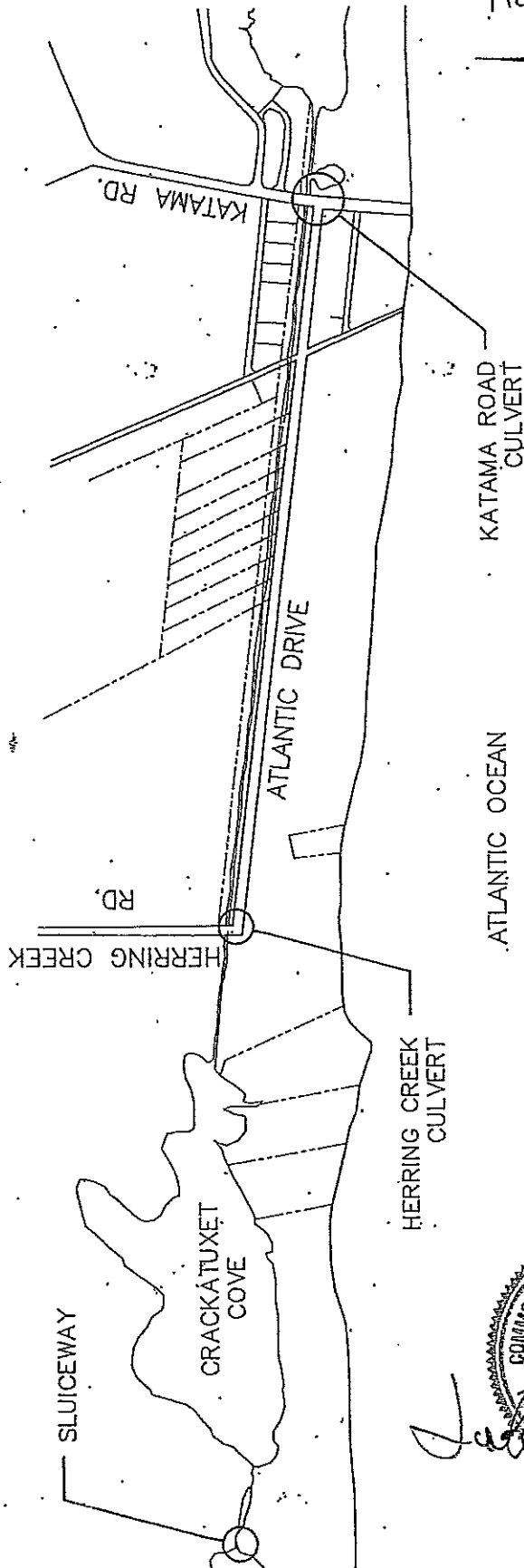
PROJECT
LOCUS

LOCUS PLAN

0 4000 8000



SCALE: 1" = 4000'-0"



Sluiceway

Herring Creek Farm Trust
c/o GID Asst. Controller
600 Atlantic Ave., Ste 2000
Boston, MA 02210

R. A. Brown Enterprises, Inc.
RFD 300A
Edgartown, MA 02539

Herring Creek Culvert

Town of Edgartown
PO Box 5158
Edgartown, MA 02539

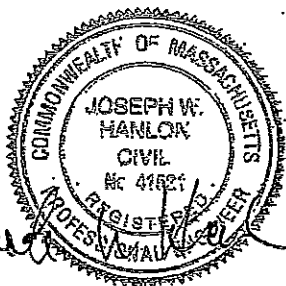
Katama Road Culvert

Office of the County Manager
Dukes County
Box 190
Edgartown, MA 02539

Stanmar, Inc.
130 Boston Post Road
Sudbury, MA 01776

Island Holdings LLC
dba The Winetu Inn and Resort
130 Boston Post Road
Sudbury, MA 01776

Commonwealth of Massachusetts
State House
Boston, MA 02104



0 800 1600



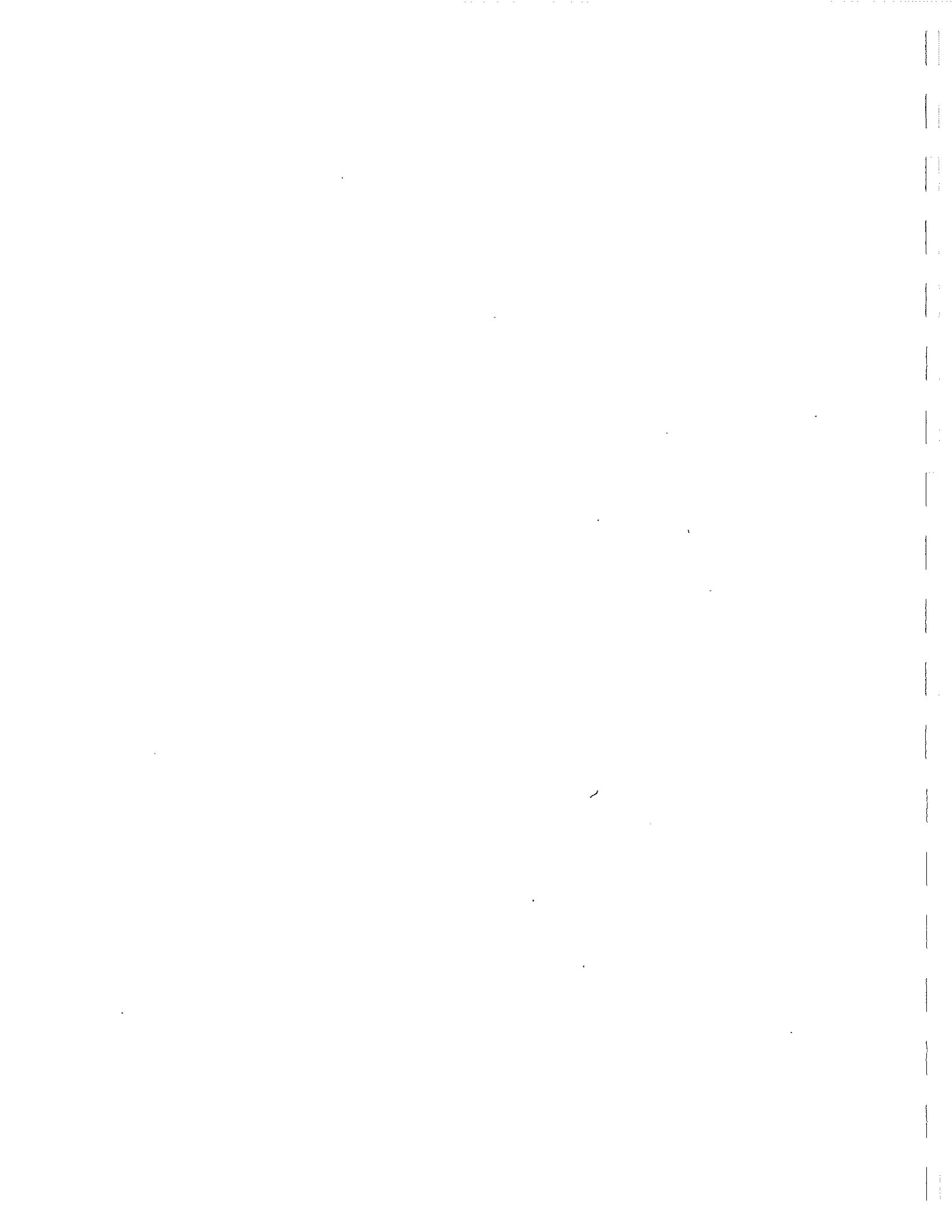
SCALE: 1" = 800'-0"

SHEET 1 OF 8
NOVEMBER, 2002

PLANS ACCOMPANYING PETITION OF
TOWN OF EDGARTOWN TO RECONSTRUCT
& MAINTAIN STRUCTURES ALONG
HERRING CREEK

LICENSE PLAN NO. 9569
Approved by Department of Environmental Protection
of Massachusetts

Mitch Ziercwa
James A. ...



Herring Creek

MATCHLINE



PROPOSED EXCAVATION
AREA 16,700-SF
VOLUME 3,885 CY
(SEE PERMIT PLANS)

EDGE OF DUNE

EDGE OF WETLAND

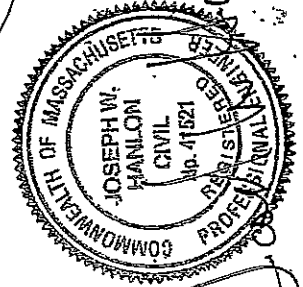
B.M. TOP CONC BND.
EL. 7.51'
N 127940.27
E 1628660.85

BCE H/T "B1"
N 127948.94
E 1628728.39

124+00

BORDERING WETLAND

SLUICeway
SEE SHEET 3



BCE H/T "B3"
N 127838.19
E 1628585.91

EDGE OF DUNE

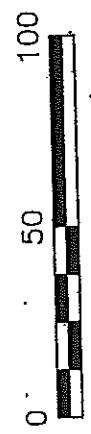
COASTAL BEACH

GREAT POND

OLW

PROPOSED OLW

PROPOSED OHW



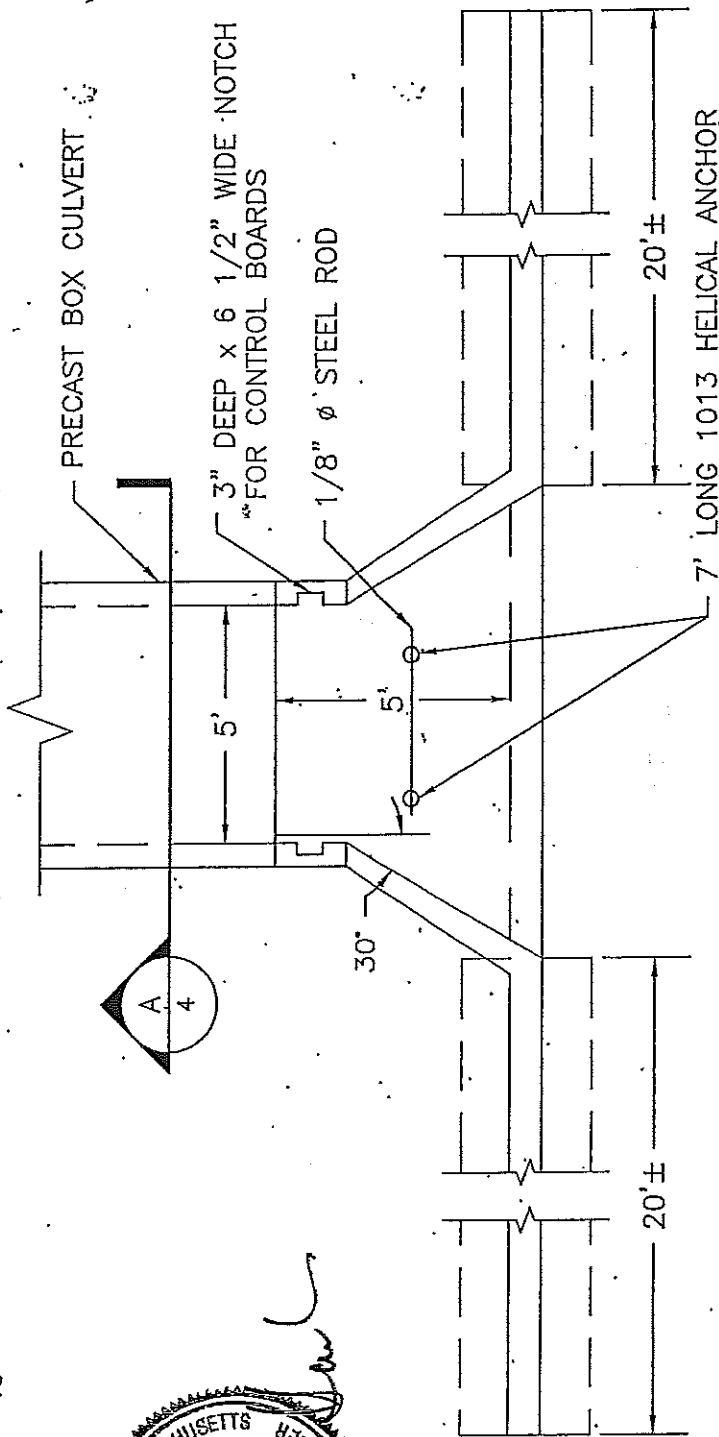
EDGARTOWN GREATPOND

OHW	2.75'
HWL	5.50'
OLW	1.50'

LICENSE PLAN NO. 9569
Approved by Department of Environmental Protection.
Date FEB 27 2003

SHEET 2 OF 8
NOVEMBER 2002

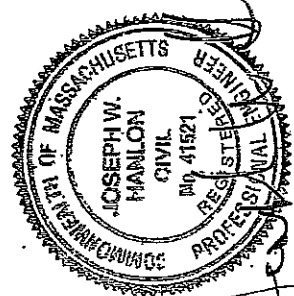
LICENSE PLAN NO. 9569
 Approved by Department of Environmental Protection
 Date: FEB 27 2003



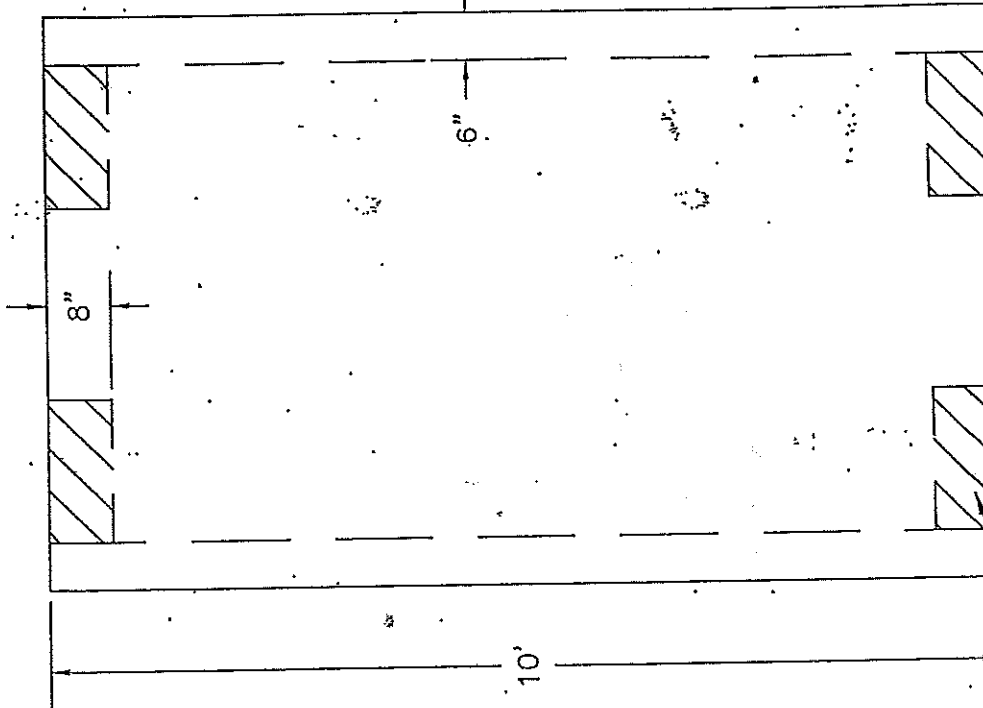
NOTE:
 WING WALL TYP. BOTH ENDS

SLUCIEWAY WING WALLS

SCALE: 1/4" = 1'-0"



Werring Creek

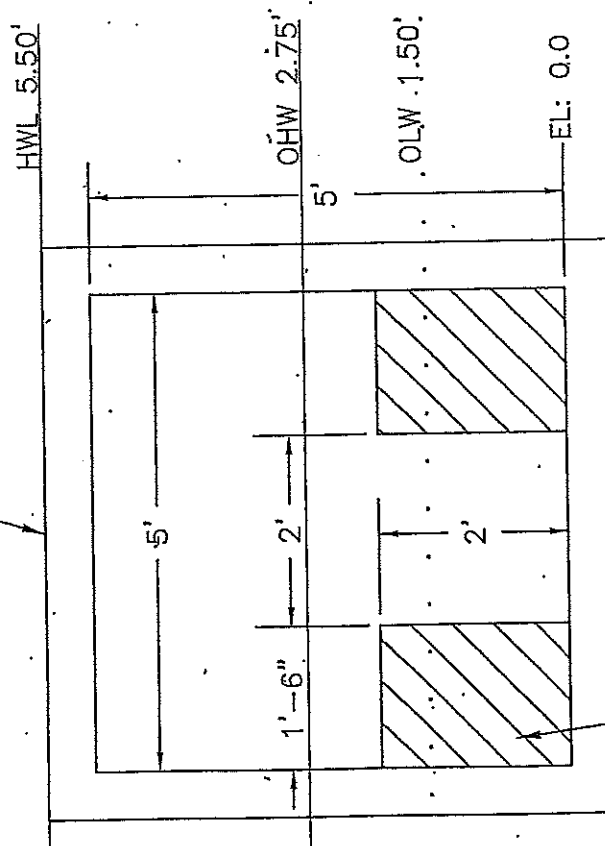


CULVERT PLAN

SCALE: 1/2" = 1'-0"



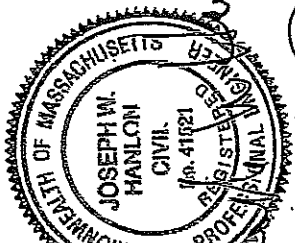
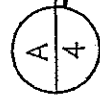
PRECAST BOX CULVERT



INSTALL PARTITIONS TO INCREASE DEPTH OF WATER UNDER LOW FLOW CONDITIONS

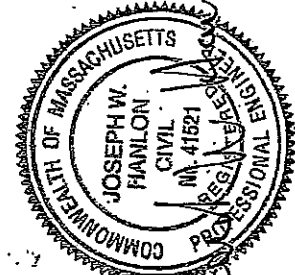
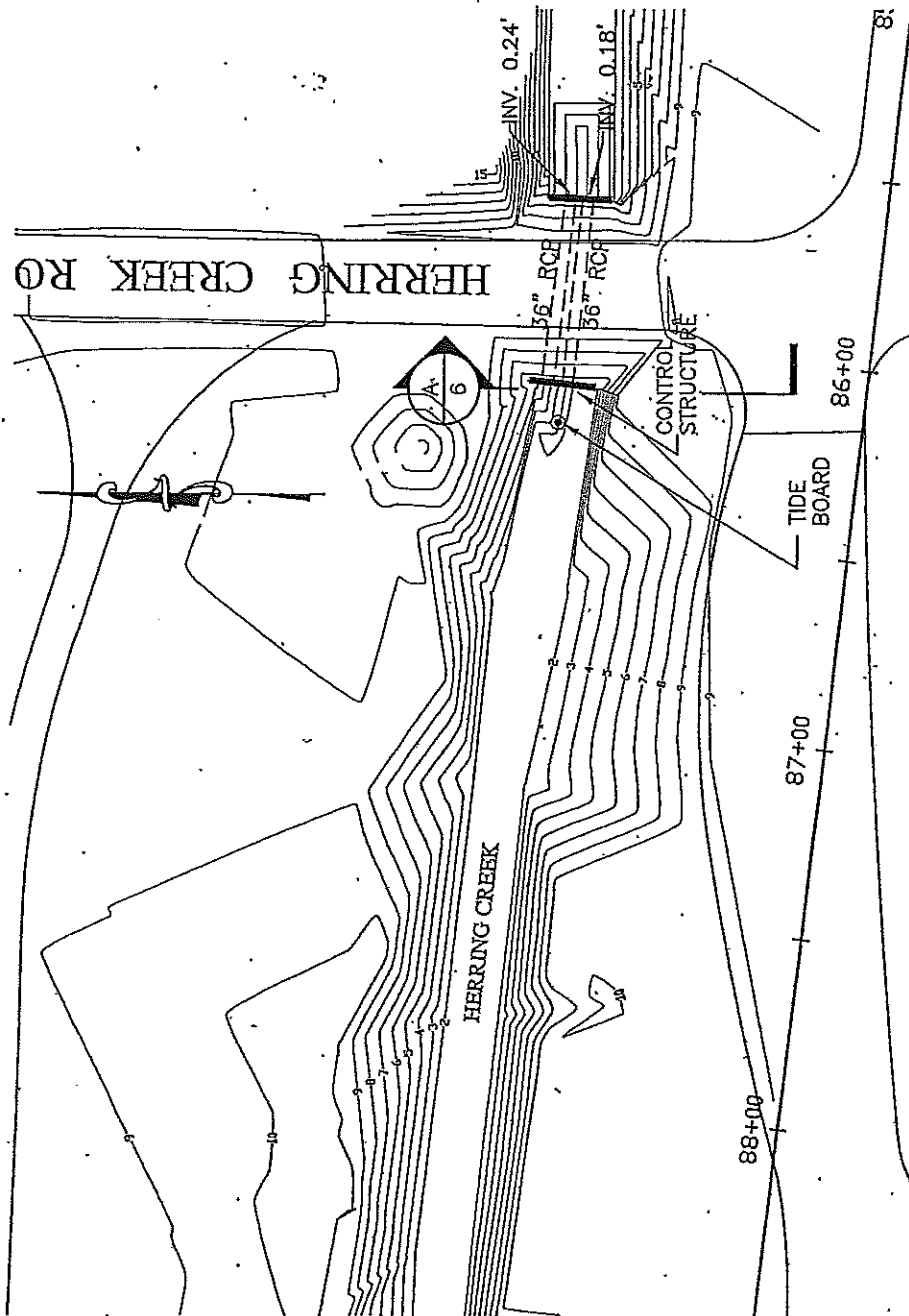
CULVERT SECTION

SCALE: 1/2" = 1'-0"



LICENSE PLAN NO. 9569
 Approved by Department of Environmental Protection
 Date

FEB 27 2003

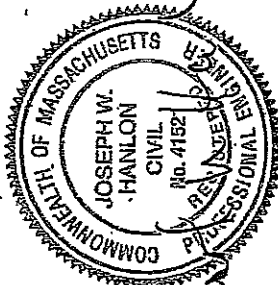


HERRING CREEK CULVERT IMPROVEMENT PLAN

SCALE: 1" = 50'-0"

A
5

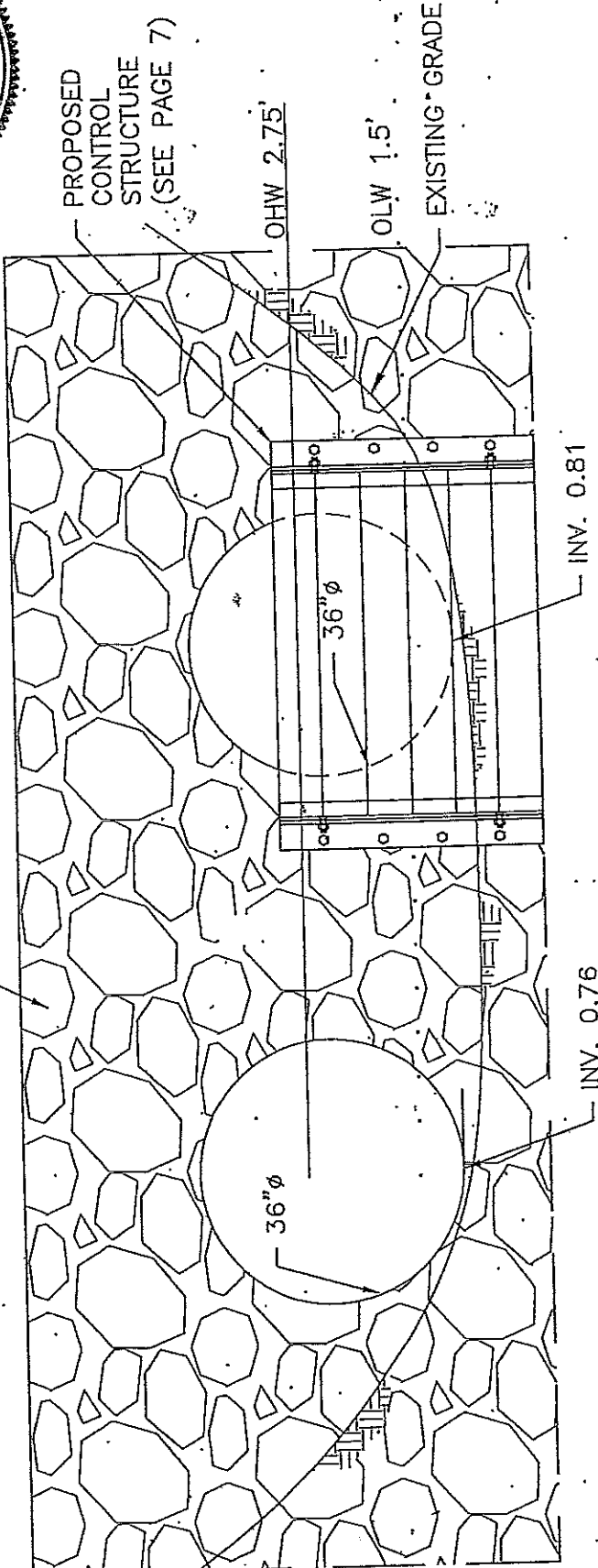
LICENSE PLAN NO. 9569
 Approved by Department of Environmental Protection.
 Date: FEB 27 2003



CONTROL STRUCTURE IS PROPOSED TO INCREASE DEPTH AND FLOW RATE IN THE REMAINING CULVERT.

EXISTING STONE HEADWALL

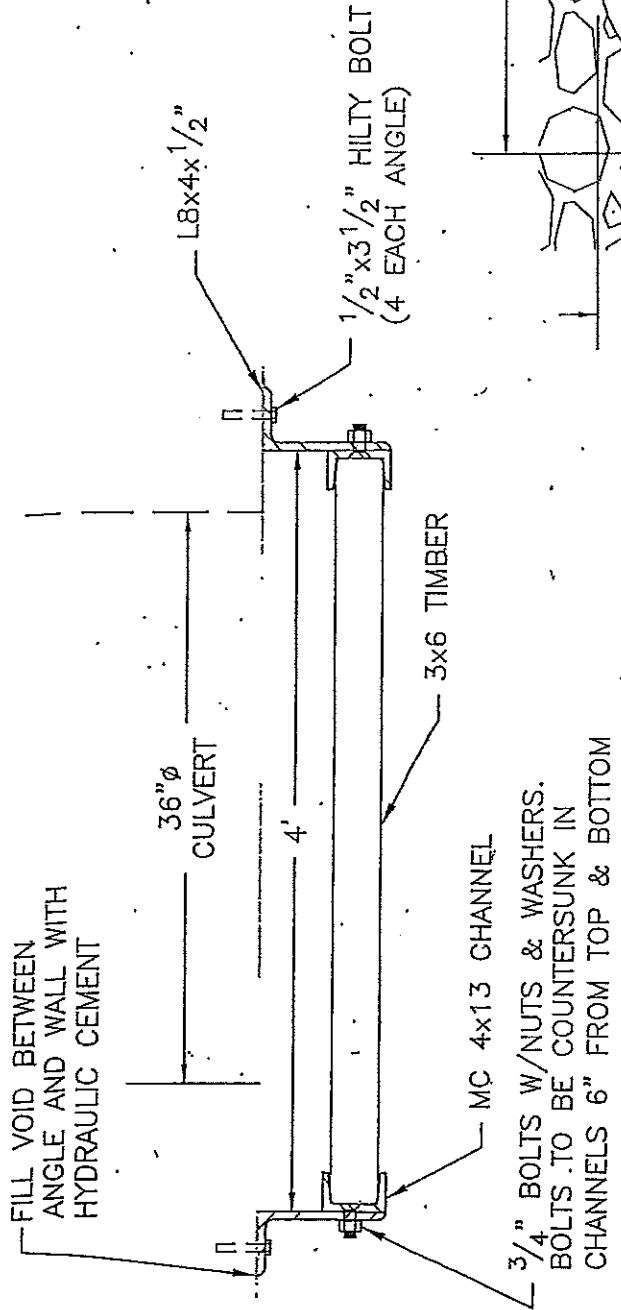
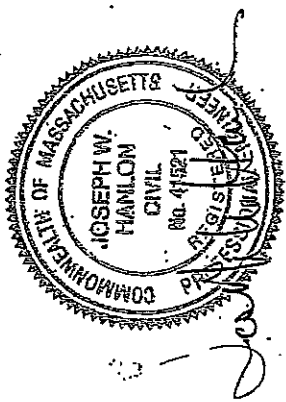
PROPOSED CONTROL STRUCTURE (SEE PAGE 7)



HERRING CREEK ROAD
OUTLET CONTROL STRUCTURE



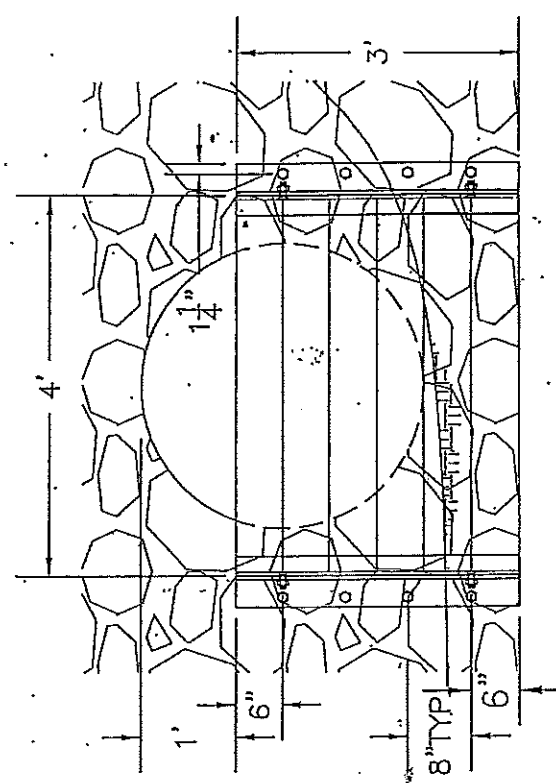
SCALE: 1/2" = 1'-0"



CULVERT CONTROL STRUCTURE

SCALE: 1" = 1'-0"

(A 7)



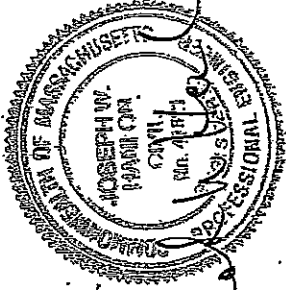
CONTROL STRUCTURE

SCALE: 1/2" = 1'-0"

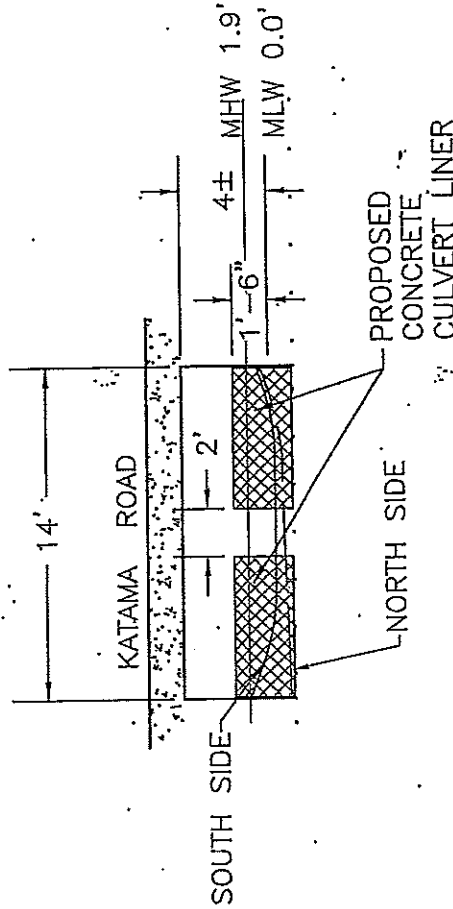
(B 7)

LICENSE PLAN NO. 9569
 Approved by Department of Environmental Protection
 Date FEB 27 2003

Herring Creek



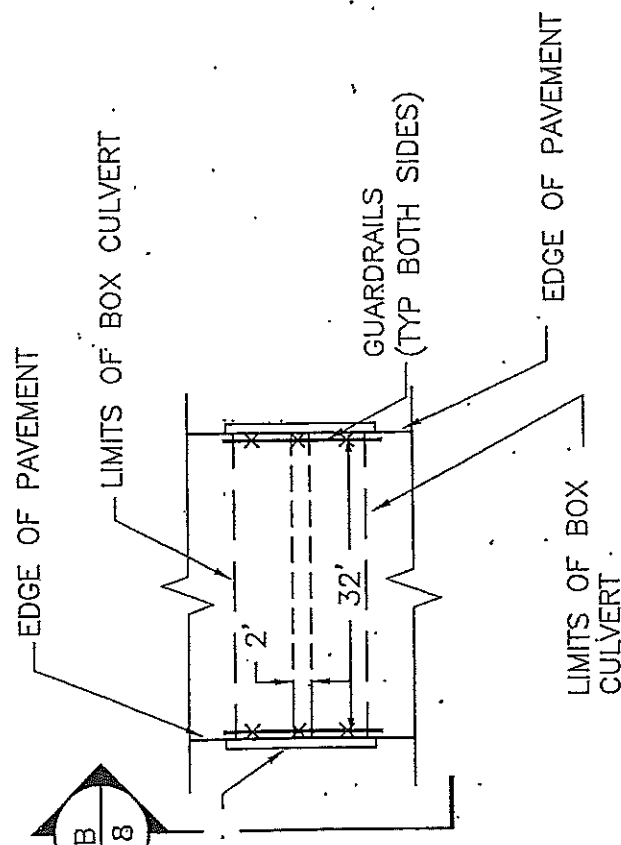
Handwritten signature/initials



BOX CULVERT SECTION



SCALE: 1/8" = 1'-0"



KATAMA ROAD/HERRING CREEK BOX CULVERT (EXISTING)



SCALE: 1" = 20'-0"

HEADWALL
 LICENSE PLAN NO. 9569
 Approved by Department of Environmental Protection
 Date FEB 27 2003

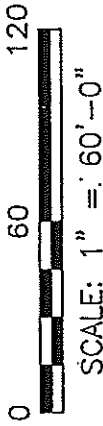
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Boat Ramp Great Pond (Wilson's)

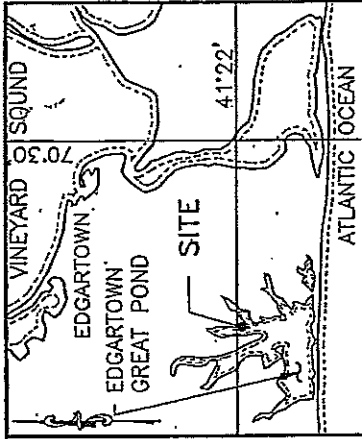
NOTES:

1. HYDROGRAPHIC DATA SHOWN HEREON WAS COLLECTED ON MARCH 28, 2001 BY BOURNE CONSULTING ENGINEERING AND CAN ONLY REFLECT CONDITIONS AS THEY EXISTED DURING THE TIME OF THE SURVEY.
2. COORDINATES ARE BASED ON MASSACHUSETTS STATE PLANE COORDINATE SYSTEM (ISLAND) (NAD83) AND ARE EXPRESSED IN FEET.
3. DREDGE AREAS SHOWN ARE TO EL. -4 WITH NO OVER DREDGE. SIDE SLOPES TO MEET EXISTING GRADE AT 1V:4H SLOPE.
4. BENCH MARK FROM FEMA MAP, RM37. RM37 EL. +6.36 NGVD CHISELED SQUARE IN CENTER OF WEST STONE AND MASONRY HEADER OF CULVERT, HERRING CREEK RD OVER MATTAKESSET HERRING CREEK.
5. THE ESTIMATED QUANTITY OF DREDGING AND AREA OF IMPACT IS AS FOLLOWS:
 CHANNEL:
 EL. -4
 AREA: 5,415 SF, VOLUME: 500 CY
 DISPOSAL AREA 10,270 S.F., VOLUME 500 CY . DISPOSAL AREA DOES NOT EXTEND BELOW EL. +2.0'.
 THE POND IS NOT TIDAL EXCEPT FOR A FEW WEEKS WHEN MANUALLY OPENED TO THE OCEAN. NORMAL LOW POND EL. +1.5', NORMAL HIGH POND EL. +5.5'.



8. DREDGE AREA BELOW LOW POND 2,700 S.F.
- DREDGE AREA BETWEEN HIGH & LOW POND - 2,663 S.F.
- DISPOSAL AREA BETWEEN HIGH & LOW POND - 10,270 S.F.

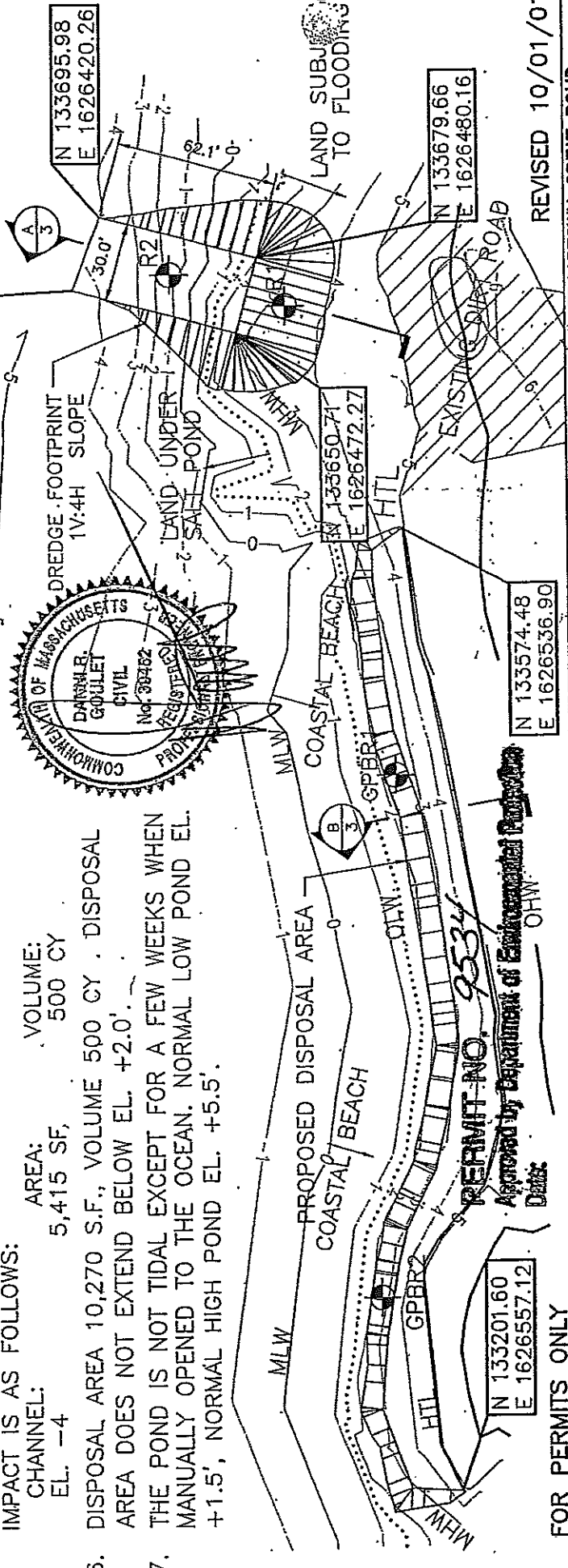
9. DENOTES LOCATION OF SOIL SAMPLES
 EDGARTOWN GREAT POND
 N 133667.80
 E 1626409.60



Great Pond Boat Ramp (Wilson's Landing)

SCALE: 1" = 300'-0"

N 133667.80
 E 1626409.60



N 133201.60
 E 1626557.12

N 133574.48
 E 1626536.90

N 133679.66
 E 1626480.16

FOR PERMITS ONLY

100 YR FLOOD	+9.5	NGVD	+1.5
HTL	+5.0	MLW	0.0
MHW	+3.0		

TITLE: GREAT POND BOAT LAUNCH DREDGE/DISPOSAL PLAN

IN: EDGARTOWN GREAT POND
 AT: GREAT POND
 COUNTY: DUKES STATE: MA

Bourne Consulting Engineering
 111 West Chester Street
 Bourne, MA 01929
 TEL: 508-866-1111 FAX: 508-866-1112

PURPOSE: DIRT/R. ACCESS

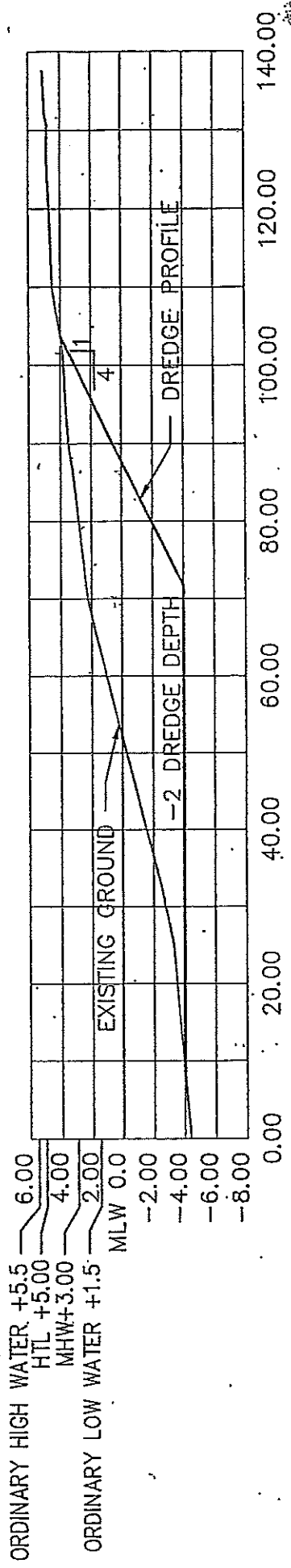
APPLICATION BY: TOWN OF EDGARTOWN

SHEET 1 OF 3

REVISED 10/01/01

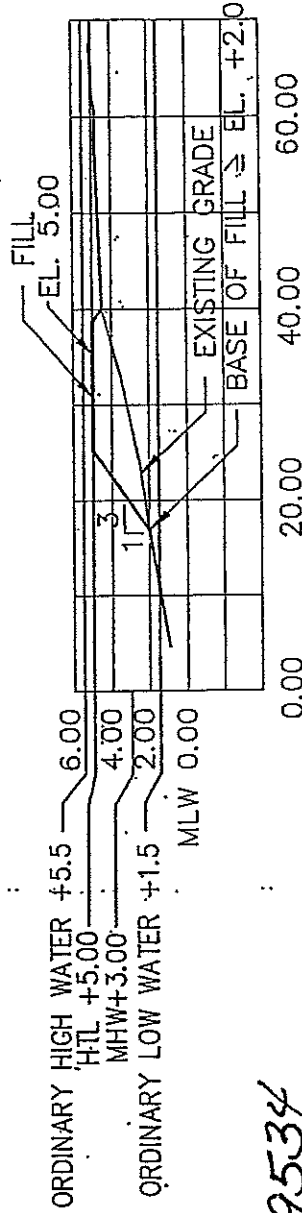


Great Pond Boat Ramp (Wilson's handling)



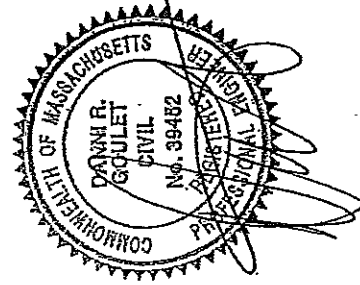
BOAT LAUNCH - PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



AREA OF FILL

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



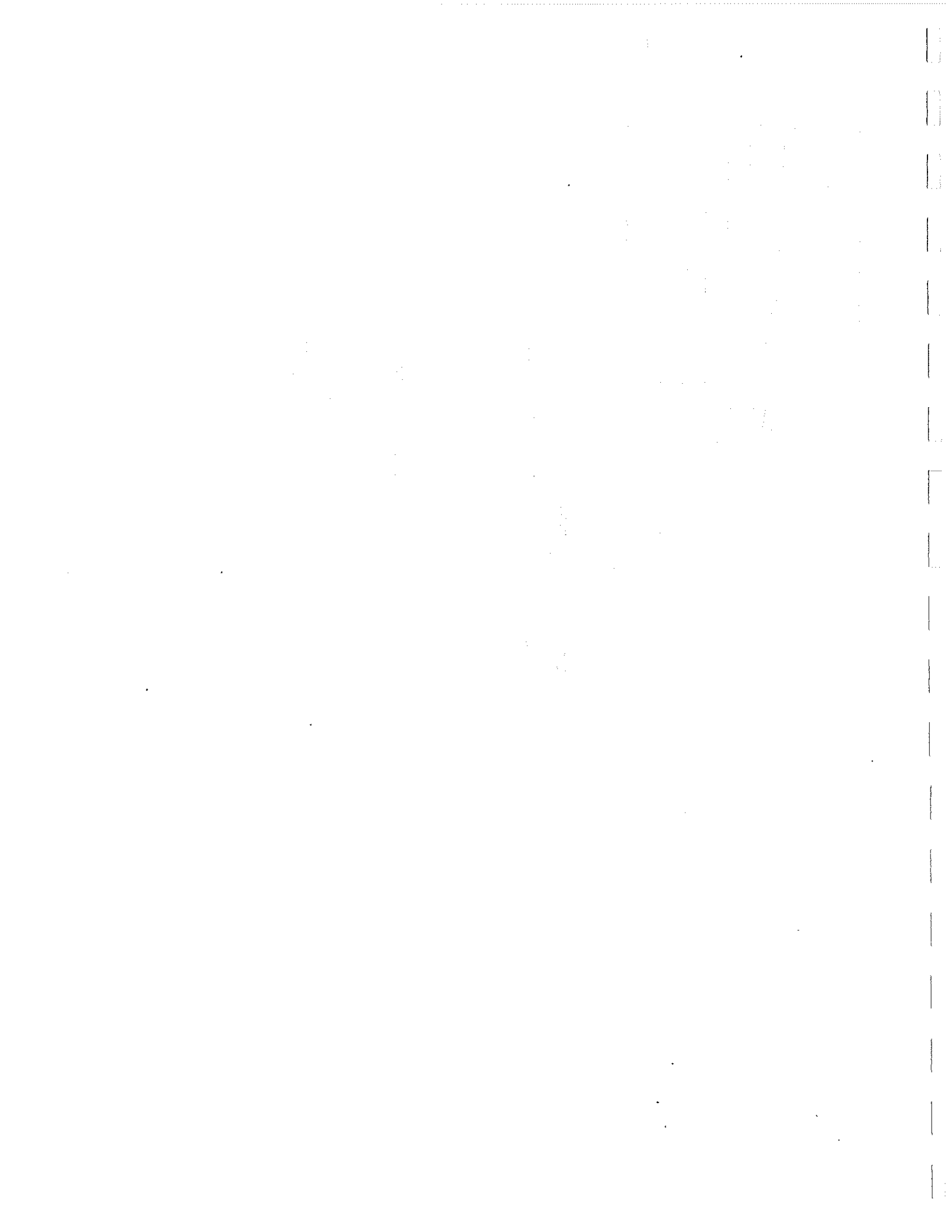
PERMIT NO. 9534
 Approved by Department of Environmental Protection
 Date: NOV 20 2002

REVISED 10/01/01

FOR PERMITS ONLY

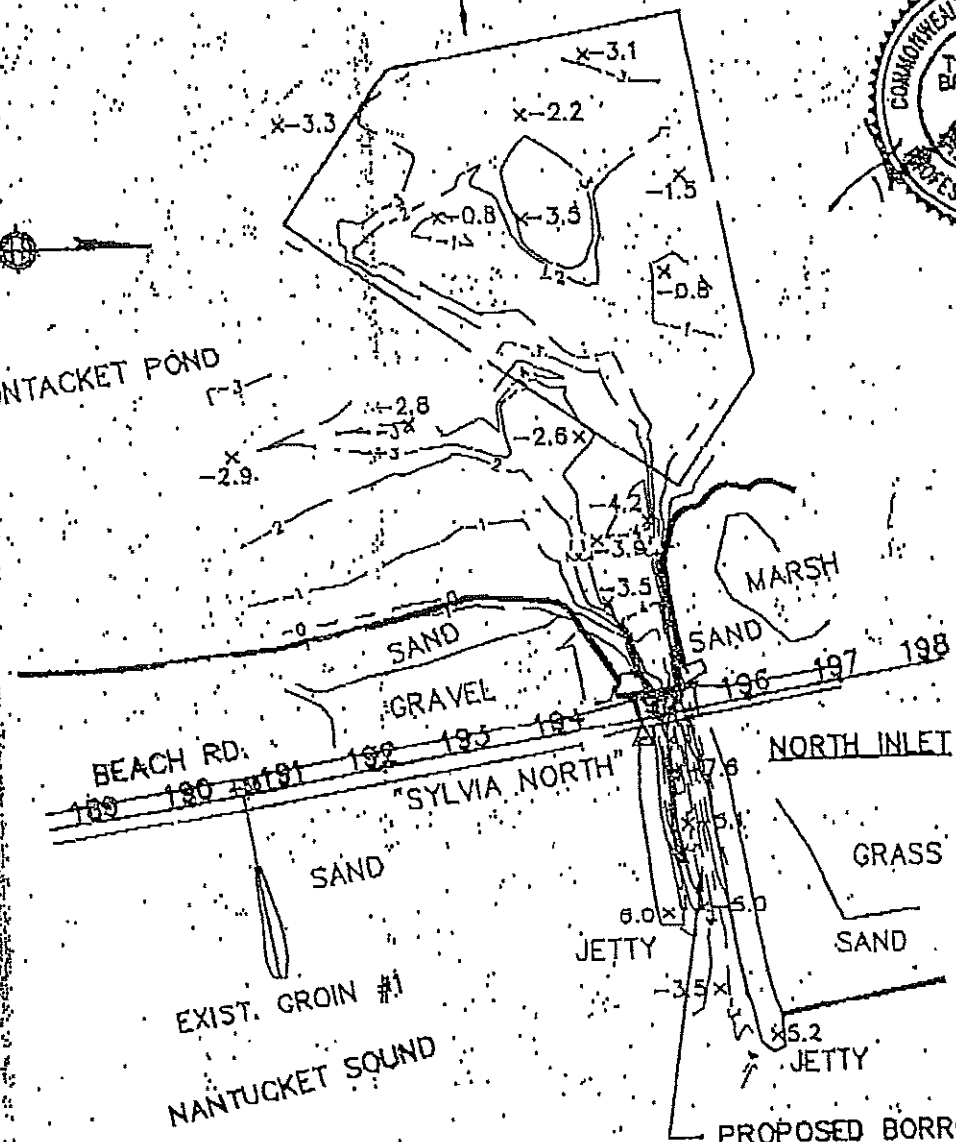
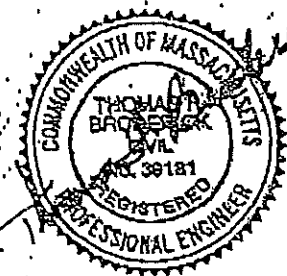
TITLE: GREAT POND BOAT LAUNCH SECTIONS	APPLICATION BY: TOWN OF EDGARTOWN	IN: EDGARTOWN GREAT POND AT: GREAT POND COUNTY: DUKES STATE: MA
PURPOSE: PUBLIC ACCESS	SHEET 3 OF 3	DATE: JULY 2001





SENKOKONTACKET POND

PROPOSED BORROW AREA #2
2,500 C.Y. AVAILABLE TO ELEV. -3.0
AREA = 147,814 S.F.



PROPOSED BORROW AREA #2
1000 C.Y. AVAILABLE IN CHANNEL
(EAST OF ROAD TO ELEVATION -6.0
AREA = (300' X 40') = 12,000 S.F.

TOTAL DREDGE MATERIAL IN AREA NO. 2 = 3,500
TOTAL DREDGE AREA = 159,814 S.F.

PERMIT NO. 11859
Approved by Department of Environmental Protection
Date: JUL 30 2007

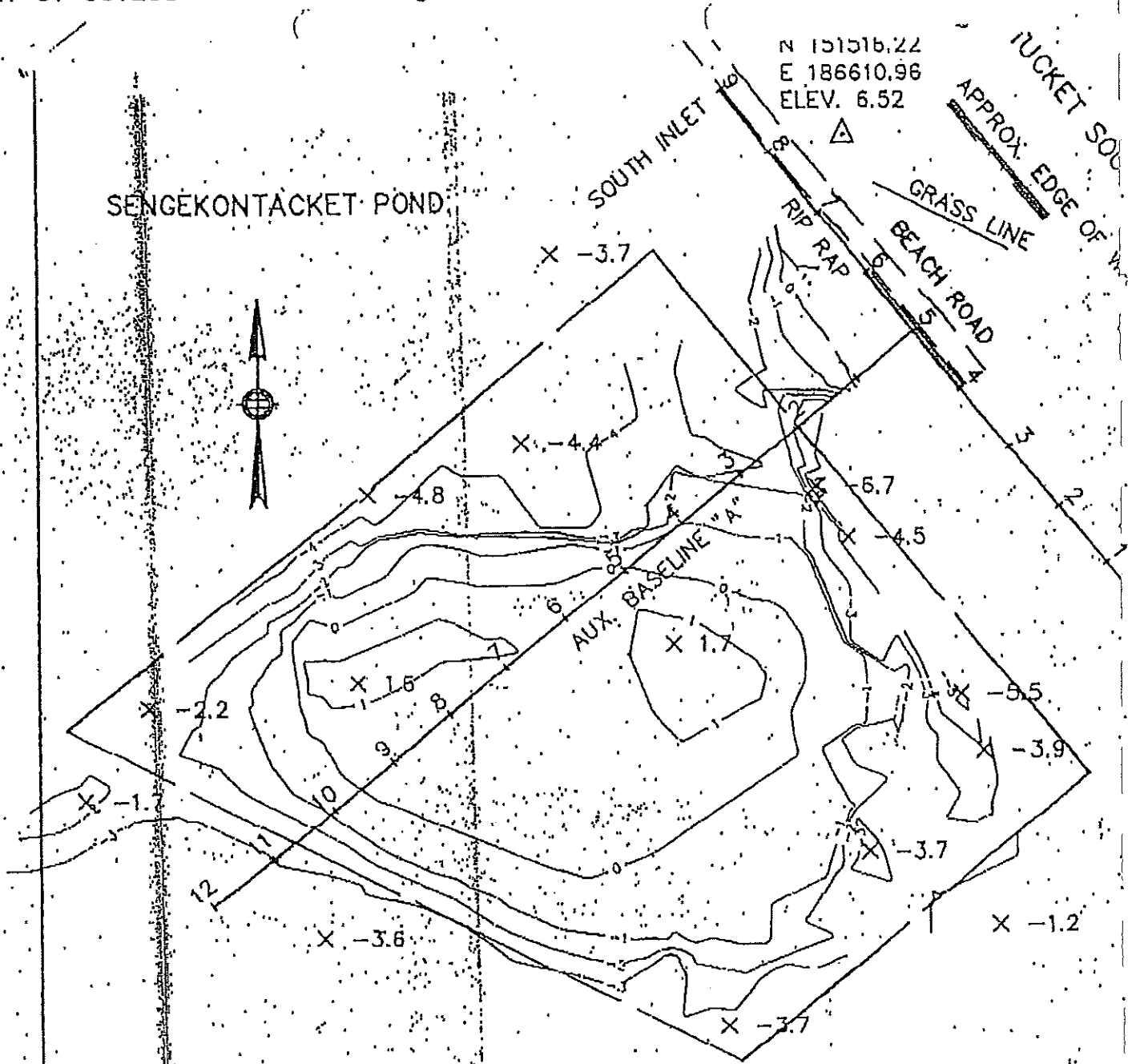
HOR. SCALE IN FEET



SENGEKONTACKET POND

N 151516.22
E 186610.96
ELEV. 6.52

TUCKET SO...
APPROX. EDGE OF W...



PROPOSED BORROW AREA #1
57,000 C.Y. AVAILABLE TO ELEVATION -5.0
AREA = 720,000 S.F.

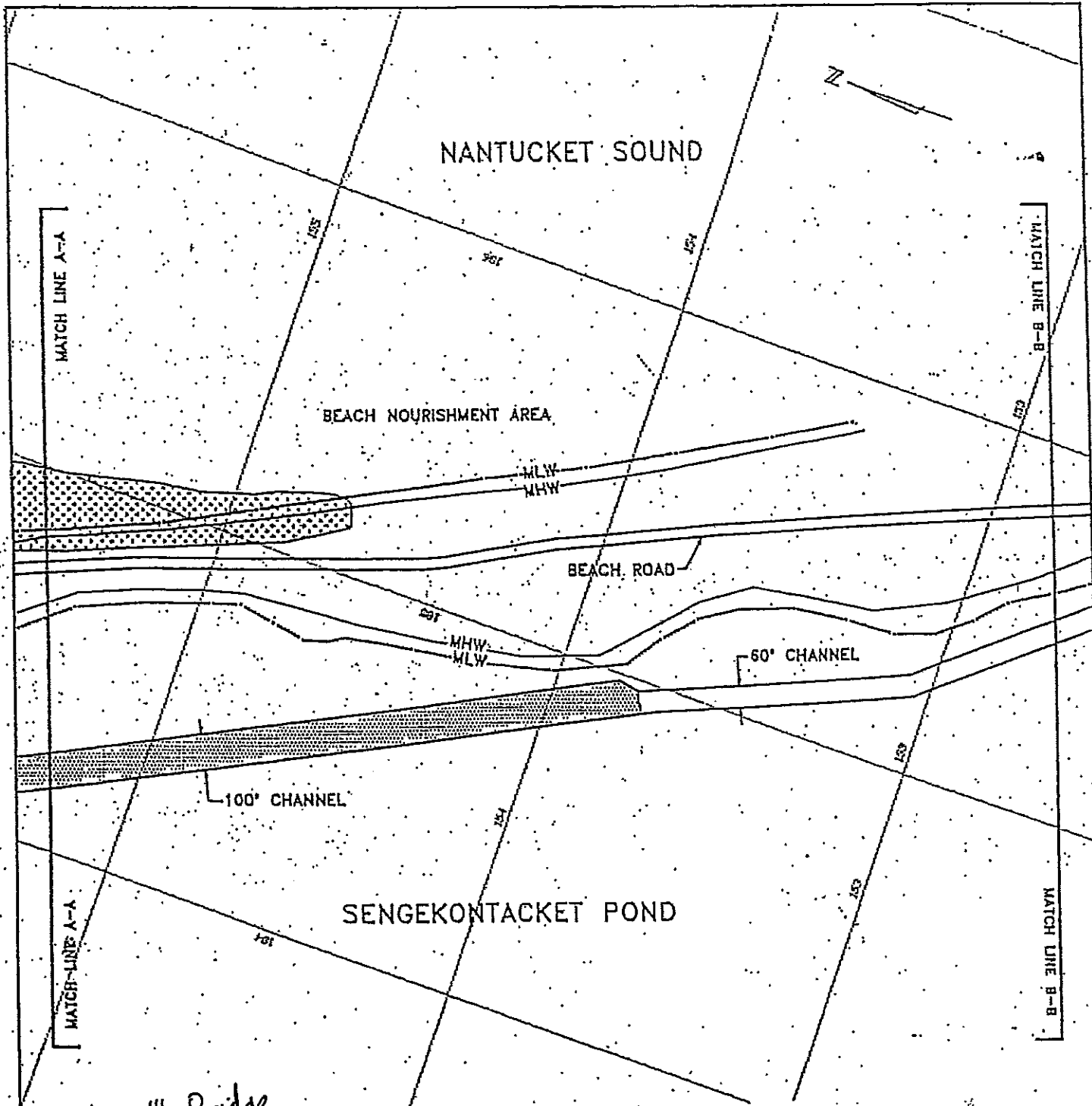
PERMIT NO. 11859
Approved by Department of Environmental Protection

HOR. SCALE IN FEET
Date: **JUL 30 2007**



Plans Accompanying Petition of the
Massachusetts Highway Department
for
Waterways License

LICENSE PLAN NO. 6006
Approved by Department of Environmental Protection
Date: **OCT 10 1996**







Little Bridge
SITE PLAN

SENKONTACKET POND DREDGING
 SENKONTACKET POND
 EDGARTOWN & OAK BLUFFS, MA
 DUKES COUNTY

APPLICATION BY: TOWN OF OAK
 BLUFFS, EDGARTOWN & MASS. DEPT.
 OF ENVIRONMENTAL MANAGEMENT

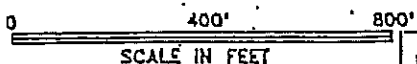
FIGURE 3 OF 5 - 4/5/93

LEGEND

-  DESIGN DEPTH -6 MLW
-  DESIGN DEPTH -3 MLW
-  APPROXIMATE LIMITS OF BEACH NOURISHMENT
-  DESIGN DEPTH -3

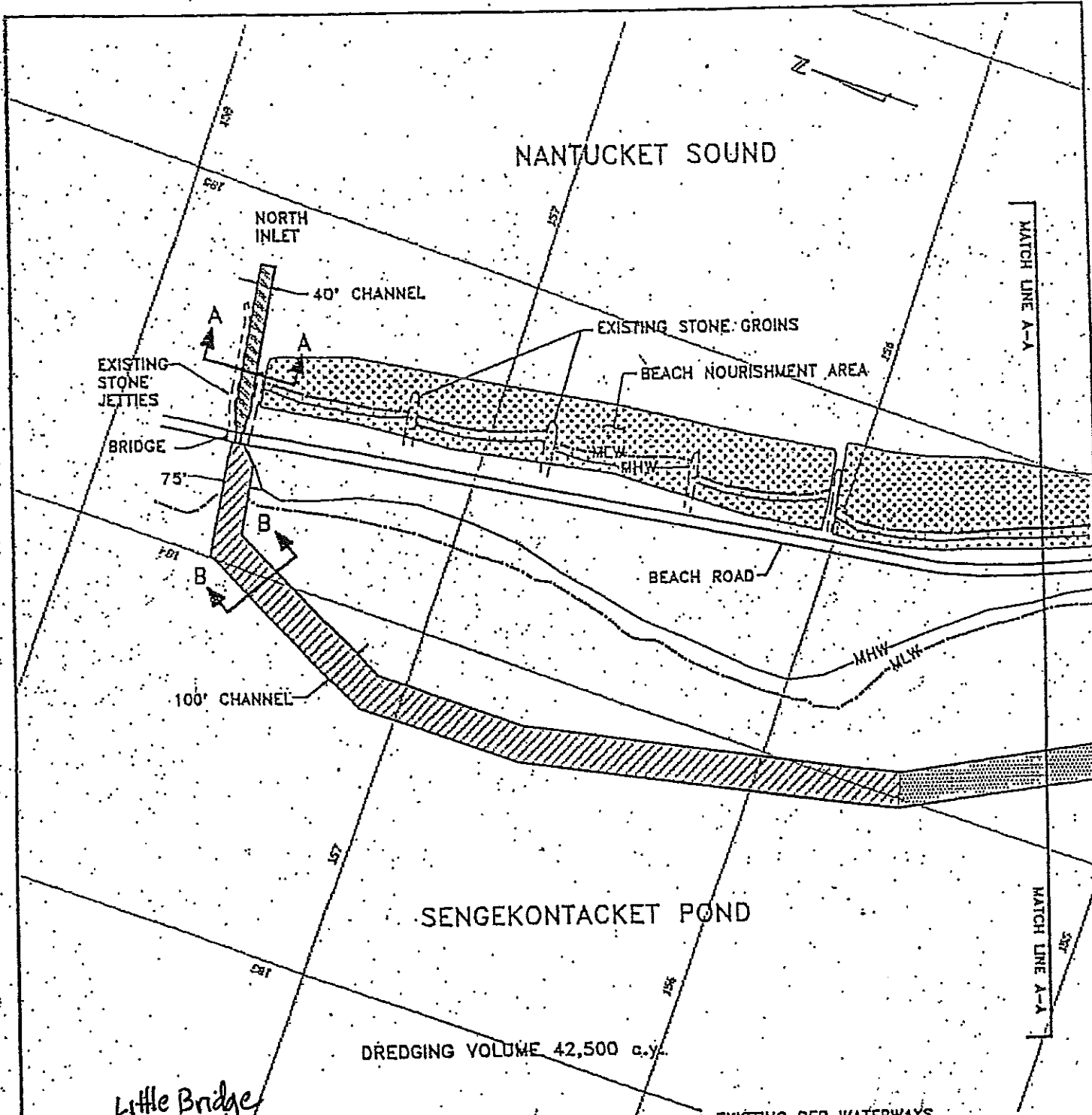
EXISTING DEP WATERWAYS AUTHORIZATION

- EMERGENCY
- DEP PERMIT 236
- DEP PERMIT 236
- EMERGENCY



JUL 30 2007

PERMIT NO 11859







Little Bridge
SITE PLAN

SENGEKONTACKET POND DREDGING
 SENGEKONTACKET POND
 EDGARTOWN & OAK BLUFFS, MA
 DUKES COUNTY

APPLICATION BY: TOWN OF OAK
 BLUFFS, EDGARTOWN & MASS. DEPT.
 OF ENVIRONMENTAL MANAGEMENT

LEGEND

-  DESIGN DEPTH -6 MLW
-  DESIGN DEPTH -3 MLW
-  APPROXIMATE LIMITS OF BEACH NOURISHMENT
-  DESIGN DEPTH -3

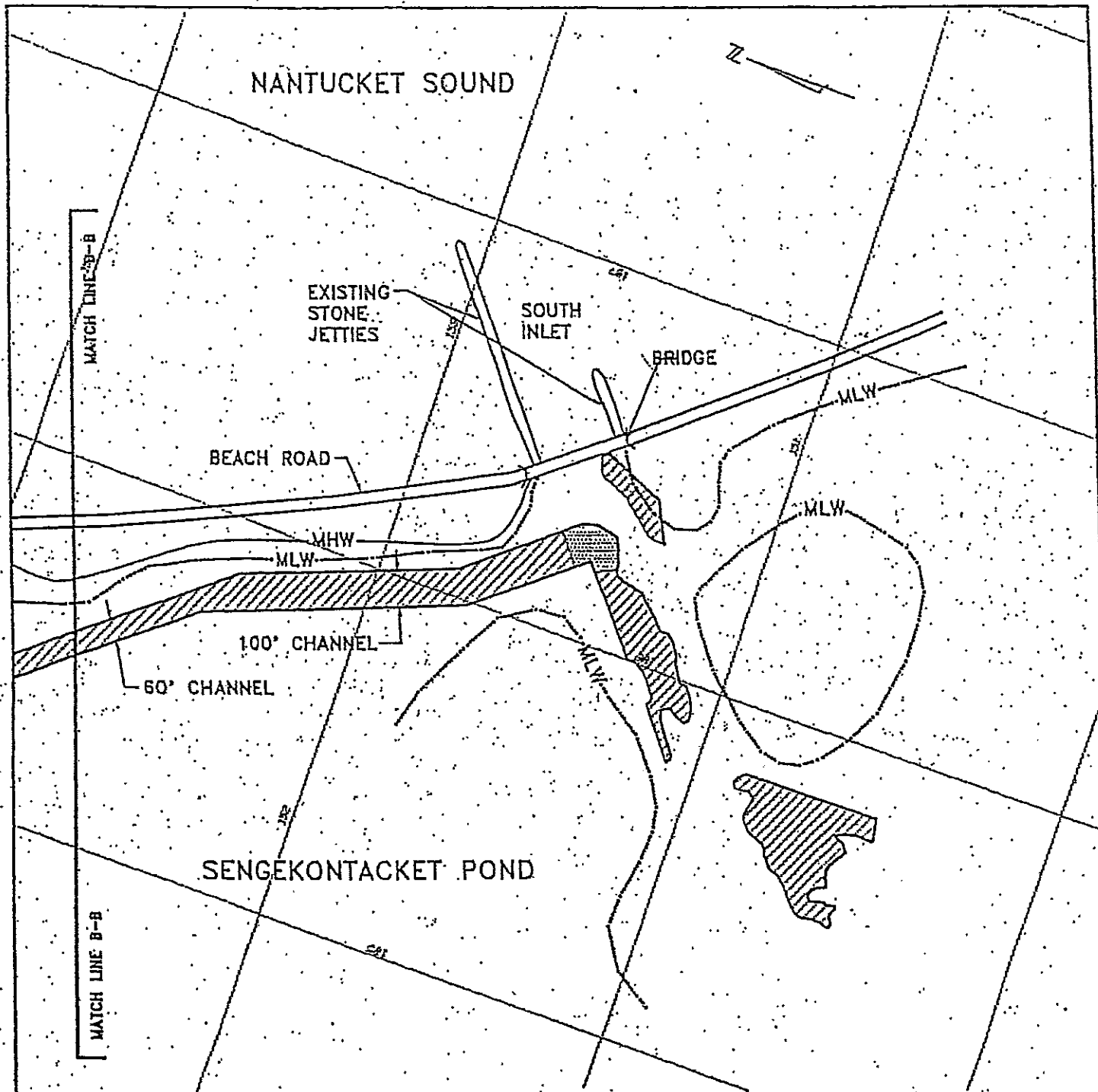
EXISTING DEP WATERWAYS AUTHORIZATION

- EMERGENCY
- DEP PERMIT 236
- DEP PERMIT 236
- EMERGENCY



JUL 30 2007

PERMIT NO. 11859







SITE PLAN

SENGEKONTACKET POND DREDGING
SENGEKONTACKET POND
EDGARTOWN & OAK BLUFFS, MA
DUKES COUNTY

APPLICATION BY: TOWN OF OAK
 BLUFFS, EDGARTOWN & MASS. DEPT.
 OF ENVIRONMENTAL MANAGEMENT

LEGEND

-  DESIGN DEPTH -6 MLW
-  DESIGN DEPTH -3 MLW
-  APPROXIMATE LIMITS OF BEACH NOURISHMENT
-  DESIGN DEPTH -3

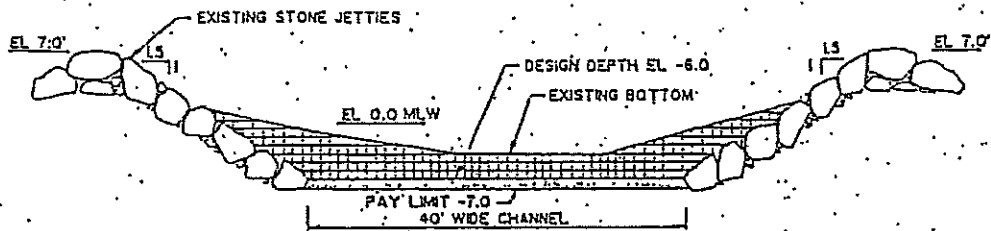
EXISTING DEP WATERWAYS AUTHORIZATION

- EMERGENCY
- DEP PERMIT 236
- DEP PERMIT 236
- EMERGENCY



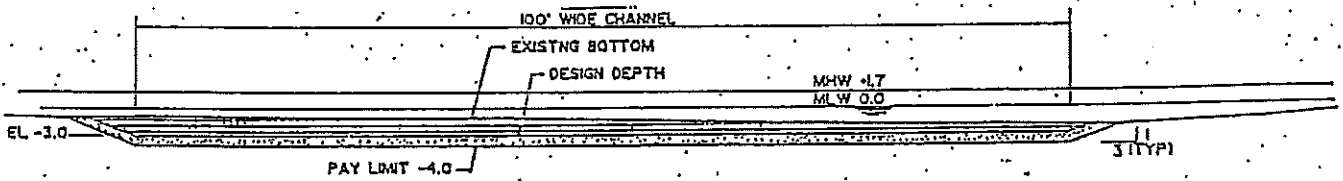
JUL 30 2007

PERMIT NO. 11960



SECTION A-A

SCALE: 1" = 20'



TYPICAL SIDE SLOPE

SECTION B-B

SCALE: 1" = 20'

SECTIONS

SENGEKONTACKET POND DREDGING
SENGEKONTACKET POND
EDGARTOWN & OAK BLUFFS, MA
DUKES COUNTY

APPLICATION BY: TOWN OF OAK
BLUFFS, EDGARTOWN & MASS. DEPT.
OF ENVIRONMENTAL MANAGEMENT

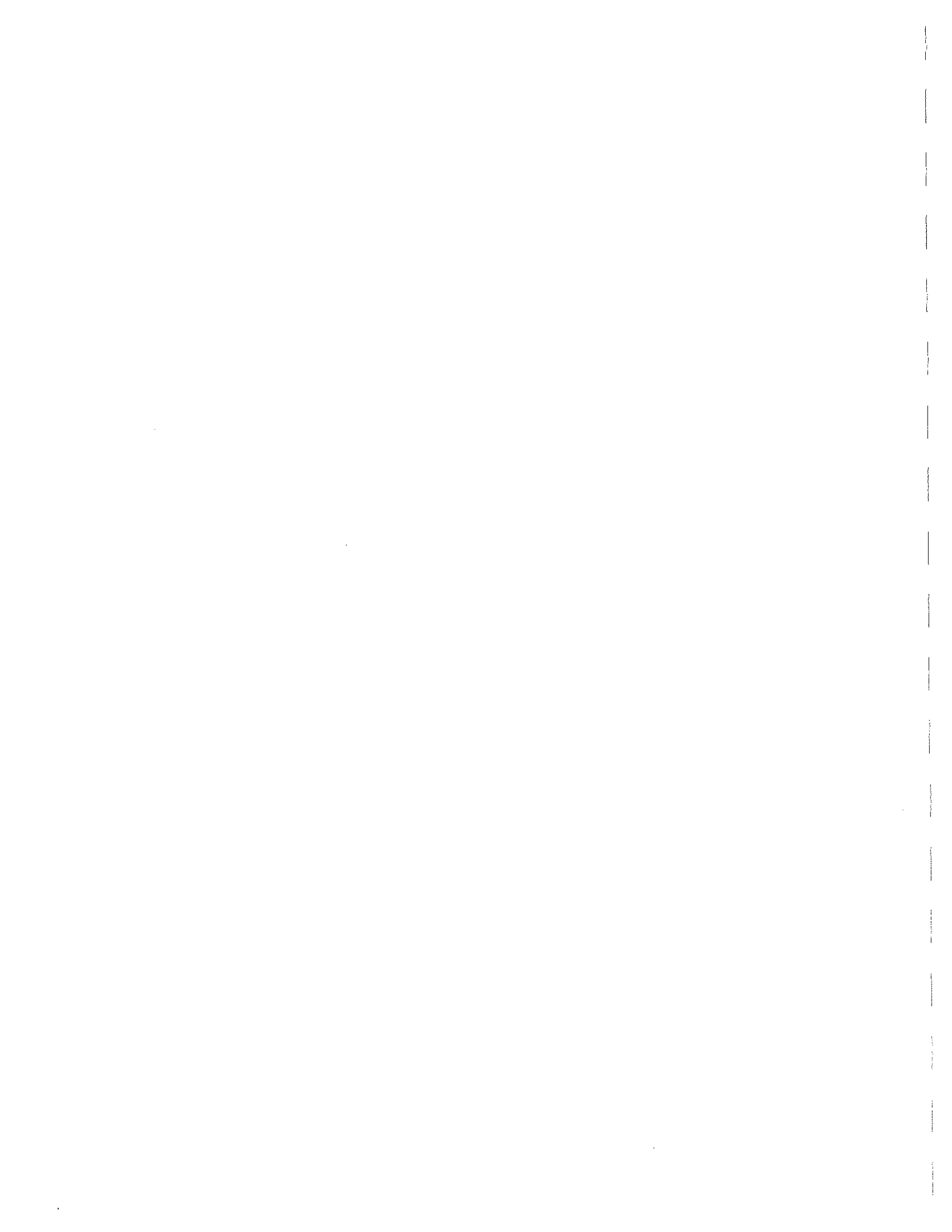
FIGURE 5 OF 5 1/5/07

Little Bridge

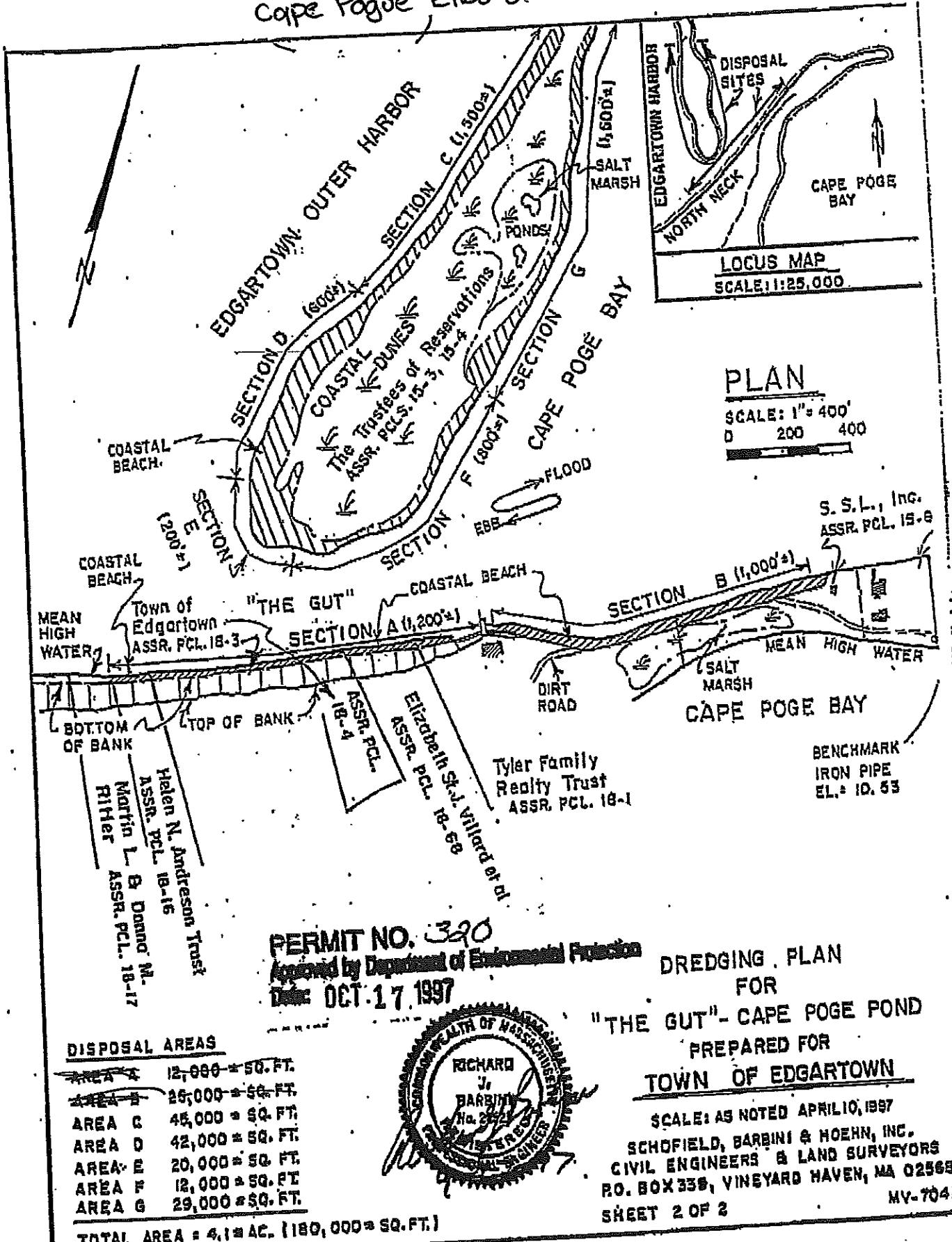
JUL 30 2007

PERMIT NO. 11859

Beach Nourishment Areas Locus and Plans



Nourishment Site: WSELB Cape Pogue Elbow.



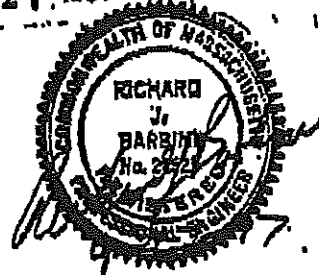
LOCUS MAP
SCALE: 1:25,000

PLAN
SCALE: 1" = 400'
0 200 400

MEAN HIGH WATER

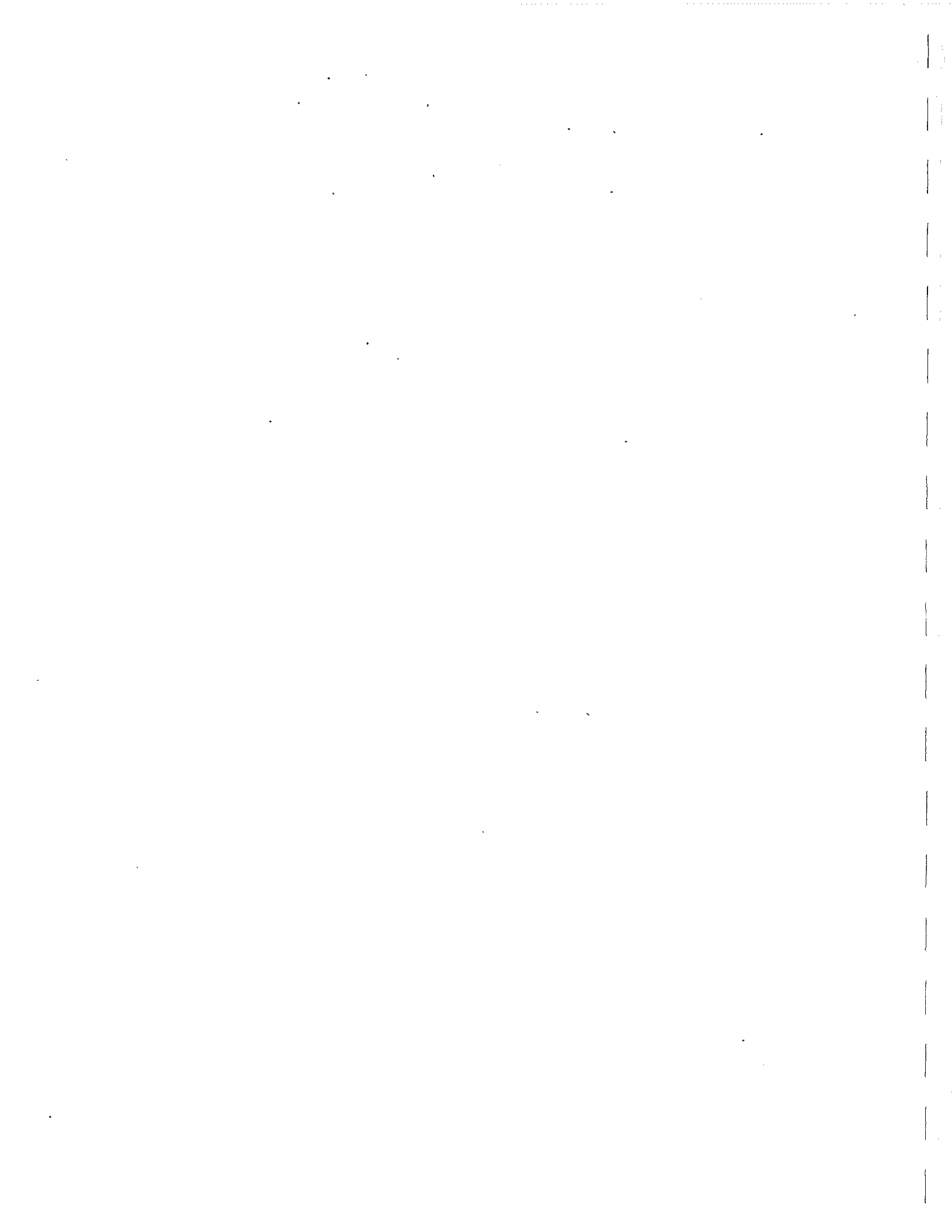
MEAN HIGH WATER

PERMIT NO. 320
Approved by Department of Environmental Protection
Date OCT. 17, 1997



DISPOSAL AREAS	
AREA A	12,000 = SQ. FT.
AREA B	25,000 = SQ. FT.
AREA C	45,000 = SQ. FT.
AREA D	42,000 = SQ. FT.
AREA E	20,000 = SQ. FT.
AREA F	12,000 = SQ. FT.
AREA G	29,000 = SQ. FT.
TOTAL AREA = 4.1 AC. (180,000 = SQ. FT.)	

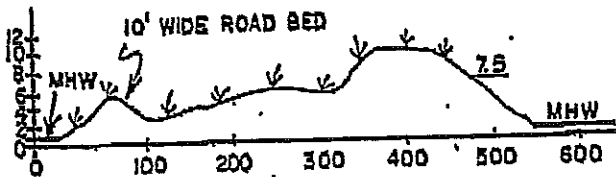
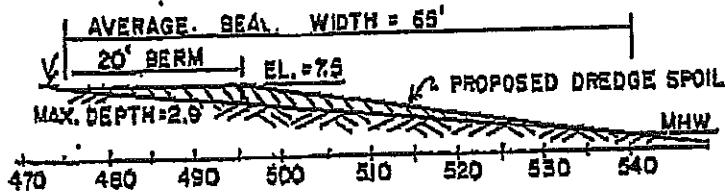
DREDGING PLAN
FOR
"THE GUT" - CAPE POGUE POND
PREPARED FOR
TOWN OF EDGARTOWN
SCALE: AS NOTED APRIL 10, 1997
SCHOFIELD, BARBINI & HOERN, INC.
CIVIL ENGINEERS & LAND SURVEYORS
P.O. BOX 338, VINEYARD HAVEN, MA 02568
SHEET 2 OF 2
MY-7041



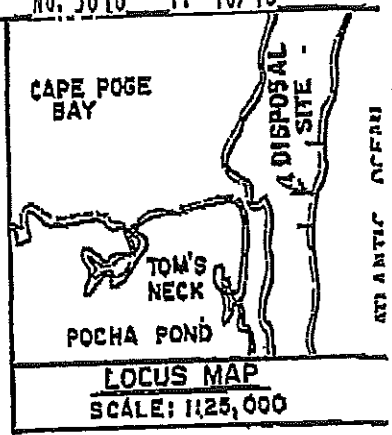
Nourishment Site NSN

Dec. 27. 2007 10:43AM MASS DEP

No. 3618 P. 10/16



SECTION B-B (TYP)
VERT. SCALE: 1"=10', HORIZ. SCALE: 1"=100'

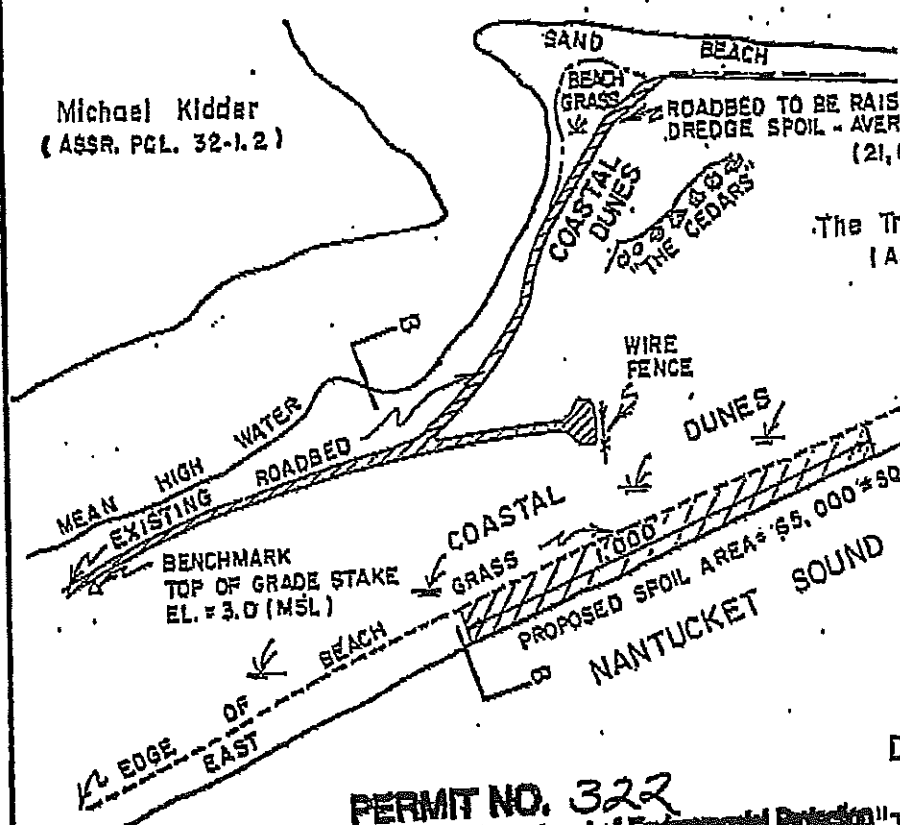


CAPE POGE BAY (TIDAL)

PLAN
SCALE: 1"=400'

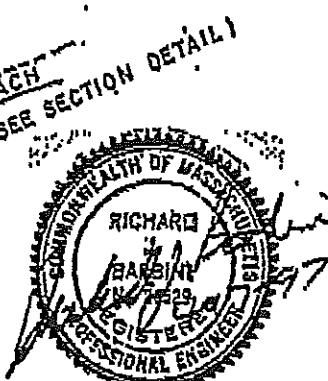


Michael Kidder
(ASSR, PCL. 32-1.2)



ROADBED TO BE RAISED WITH DREDGE SPOIL - AVERAGE DEPTH OF 1' (21,000± SQ. FT.)

The Trustees of Reservations
(ASSR, PCL. 32-2)



PERMIT NO. 322

Approved by Department of Environmental Protection

Date: OCT 17 1997

DREDGING PLAN
FOR

"THE NARROWS"

PREPARED FOR

TOWN OF EDGARTOWN

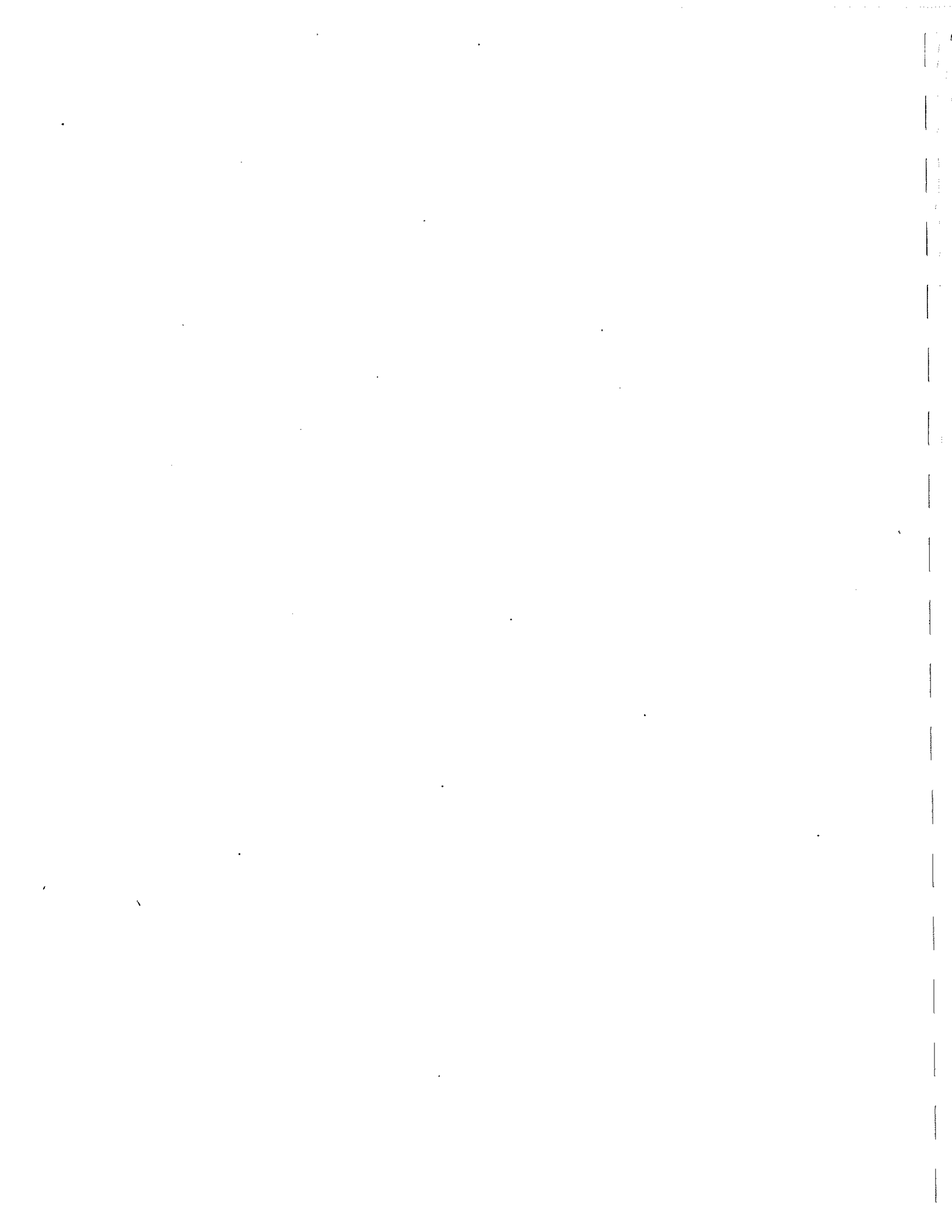
SCALE: AS NOTED APRIL 10, 1997

SCHOFIELD, BARBINI & HOEHN, INC.
CIVIL ENGINEERS & LAND SURVEYORS
R.O. BOX 339, VINEYARD HAVEN, MA 02558
SHEET. 2 OF 2 MV-7041

NOTES:

1. ELEVATIONS REFER TO MEAN SEA LEVEL DATUM.
2. CAPACITY OF EAST BEACH SPOIL AREA IS 3,500± CUBIC YDS. BASED ON DETAIL SECTION SHOWN.
3. VOLUME OF MATERIAL TO BE REMOVED: 3,100± CU. YDS.
4. THERE IS NO EEL GRASS WITHIN THE LIMITS OF DREDGING.

Nourishment Site: NSN



Nourishment Site: NDBA over sand trails

DREDGING PLAN FOR "THE DIKE BRIDGE APPROACH" PREPARED FOR TOWN OF EDGARTOWN

SCALE: AS NOTED APRIL 10, 1997
SCHOFIELD, BARBINI & HOEHN, INC.
CIVIL ENGINEERS & LAND SURVEYORS
P.O. BOX 339, VINEYARD HAVEN, MA 02568
SHEET 1 OF 2 MV-7041

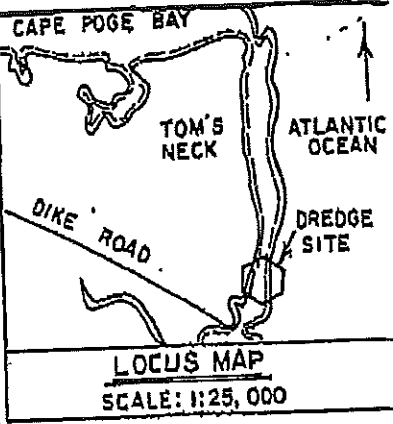
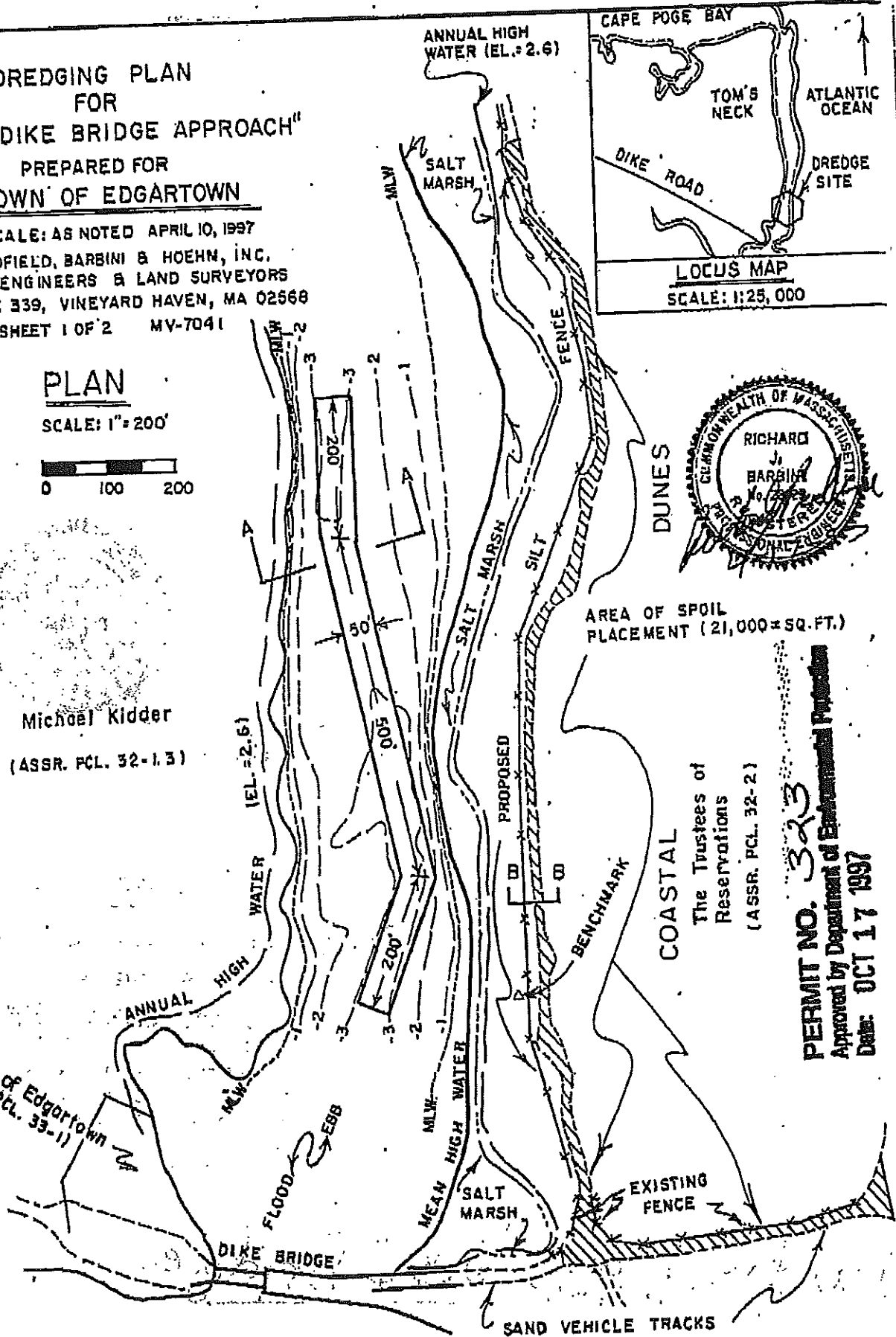
PLAN

SCALE: 1" = 200'



Michael Kidder
(ASSR. PCL. 32-1.3)

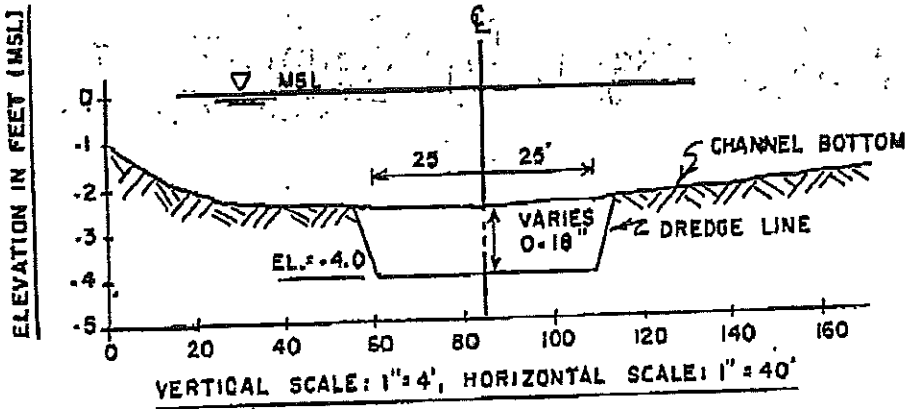
Town of Edgartown
(ASSR. PCL. 33-1)



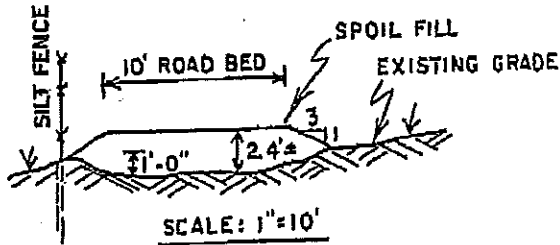
AREA OF SPOIL
PLACEMENT (21,000 ± SQ. FT.)

The Trustees of
Reservations
(ASSR. PCL. 32-2)

PERMIT NO. 323
Approved by Department of Environmental Protection
Date: OCT 17 1997



CHANNEL CROSS-SECTION A-A



SECTION B-B



NOTES:

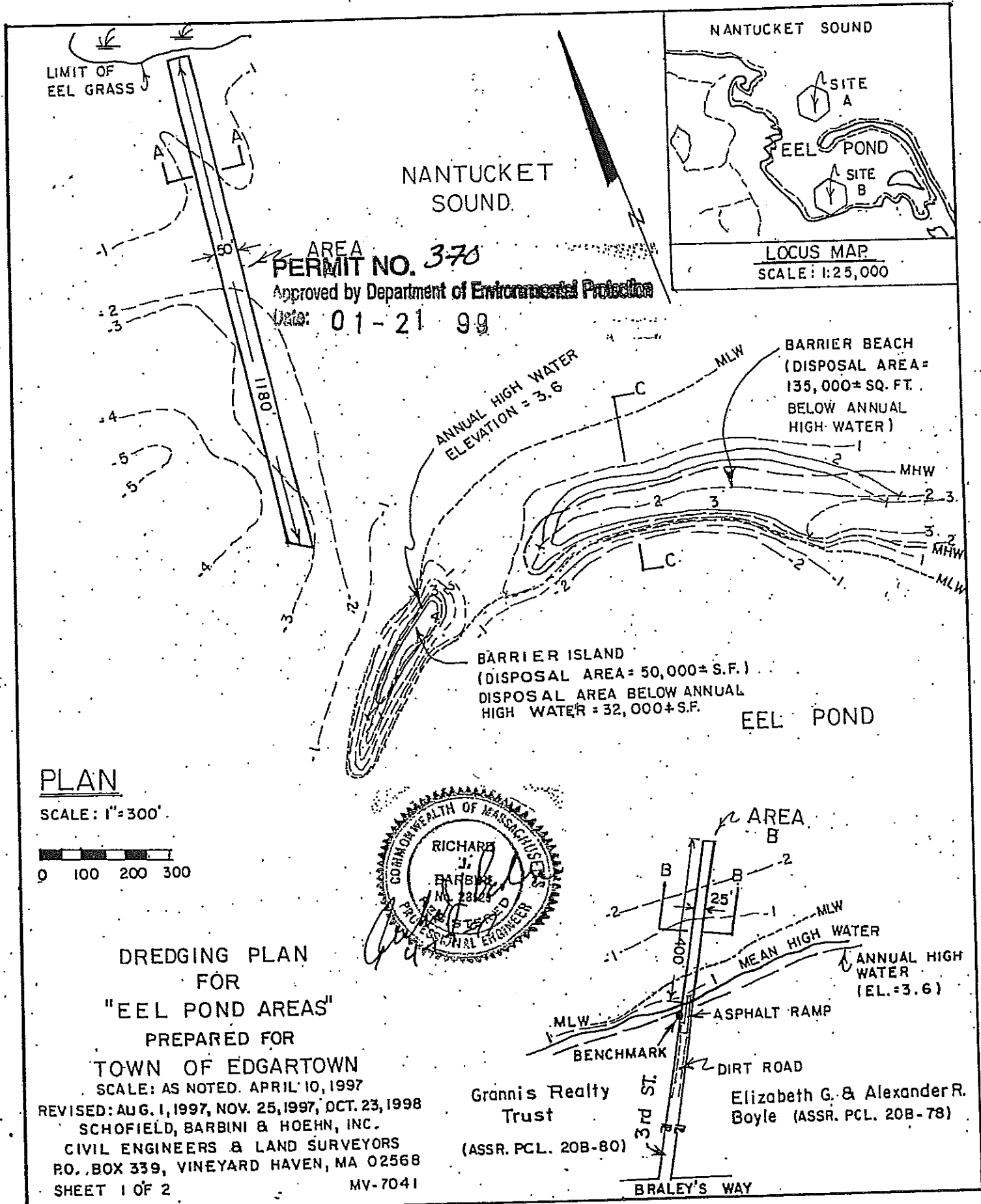
1. ELEVATIONS REFER TO MEAN SEA LEVEL DATUM.
2. VOLUME OF MATERIAL TO BE REMOVED = 1,800± CUBIC YDS.
3. THERE IS NO EEL GRASS WITHIN THE LIMITS OF THE PROPOSED DREDGING.
4. SILT FENCE TO BE MAINTAINED AS SHOWN THROUGHOUT CONSTRUCTION.
5. BENCHMARK IS GRADE STAKE WITH TACK; ELEVATION = 4.70

PERMIT NO. 323
 Approved by Department of Environmental Protection
 Date: **OCT 17 1997**

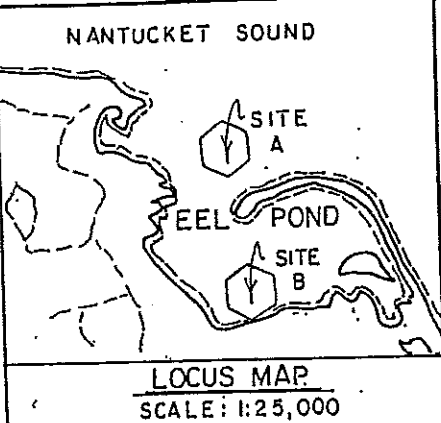
DREDGING PLAN
FOR
"THE DIKE BRIDGE APPROACH"
 PREPARED FOR
TOWN OF EDGARTOWN
 SCALE: AS NOTED APRIL 10, 1997
 SCHOFIELD, BARBINI & HOEHN, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 P.O. BOX 339, VINEYARD HAVEN, MA 02568
 SHEET 2 OF 2 MV-7041

Nourishment Plan: W D B A

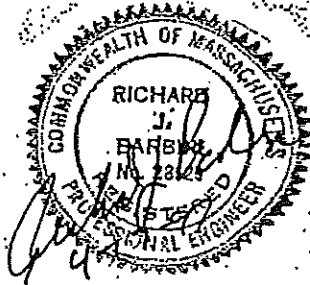
Eel Pond Nourishment



AREA
PERMIT NO. 378
 Approved by Department of Environmental Protection
 Date: 01-21-99



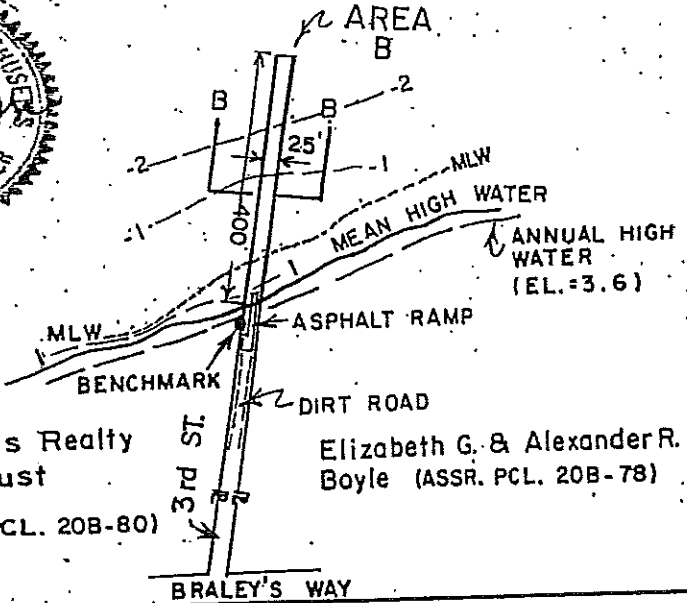
PLAN
 SCALE: 1"=300'



DREDGING PLAN
 FOR
"EEL POND AREAS"
 PREPARED FOR
TOWN OF EDGARTOWN
 SCALE: AS NOTED. APRIL 10, 1997
 REVISED: AUG. 1, 1997, NOV. 25, 1997, OCT. 23, 1998
 SCHOFIELD, BARBINI & HOERN, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 P.O. BOX 339, VINEYARD HAVEN, MA 02568
 SHEET 1 OF 2

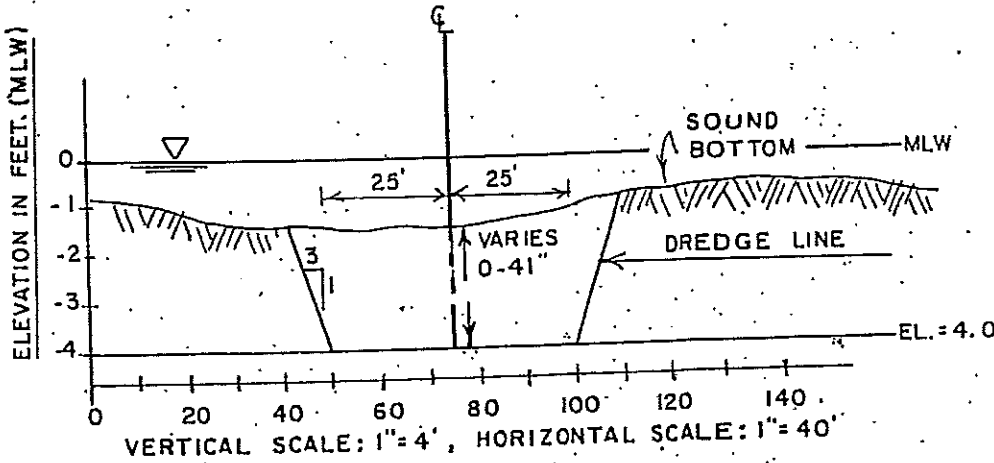
Grannis Realty
 Trust
 (ASSR. PCL. 20B-80)

Elizabeth G. & Alexander R.
 Boyle (ASSR. PCL. 20B-78)



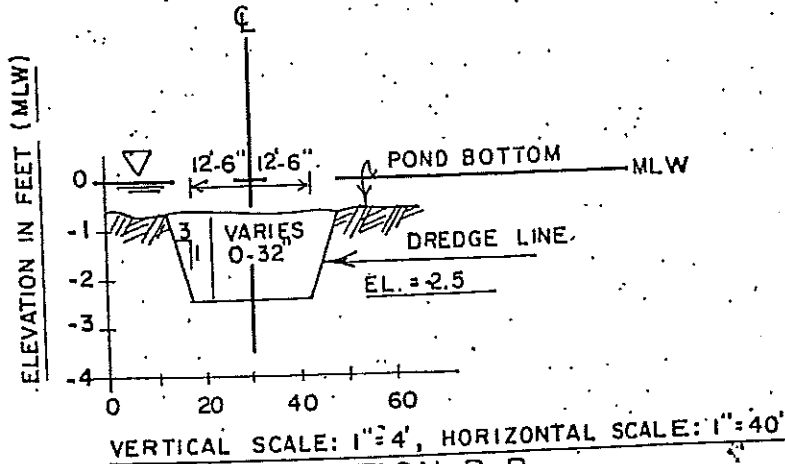
Eel Pond Nourishment

SECTION A-A

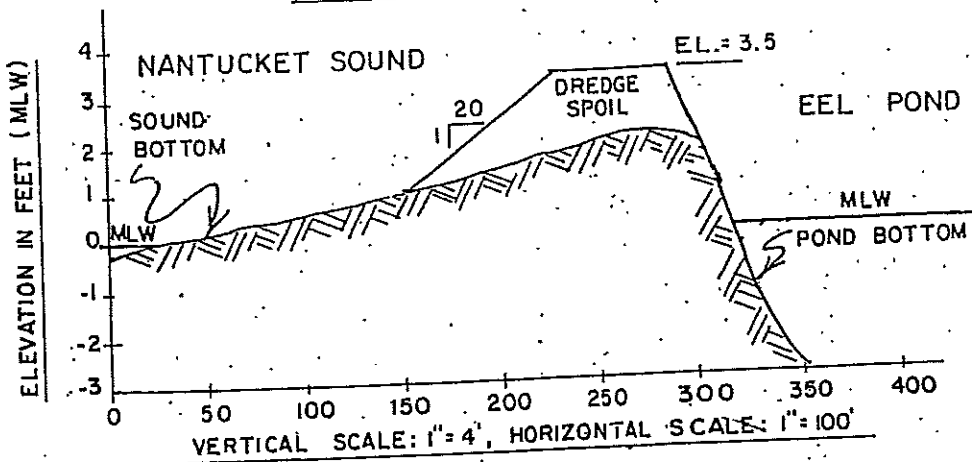


DREDGING PLAN
FOR
"EEL POND AREAS"
PREPARED FOR
TOWN OF EDGARTOWN

SCALE: AS NOTED APRIL 10, 1997
REVISED: AUG. 1, 1997, NOV. 25, 1997, OCT. 23, 1998
SCHOFIELD, BARBINI & HOEHN, INC.
CIVIL ENGINEERS & LAND SURVEYORS
P.O. BOX 339, VINEYARD HAVEN, MA 02568
MV-7041
SHEET 2 OF 2



SECTION B-B



SECTION C-C

PERMIT NO. 370
Approved by Department of Environmental Protection
Date: 01-21-99

NOTES:

1. ELEVATIONS REFER TO MEAN LOW WATER DATUM.
2. AREA A TO BE DREDGED TO ELEVATION -4.0
3. AREA B TO BE DREDGED TO ELEVATION -2.5
3. VOLUME TO BE REMOVED FROM AREA A = 4,910 ± CUBIC YDS.
3. VOLUME TO BE REMOVED FROM AREA B = 580 ± CUBIC YDS.
- TOTAL VOLUME = 5,490 ± CUBIC YDS.
4. BENCHMARK IS CONCRETE BOUND: ELEVATION = 3.98

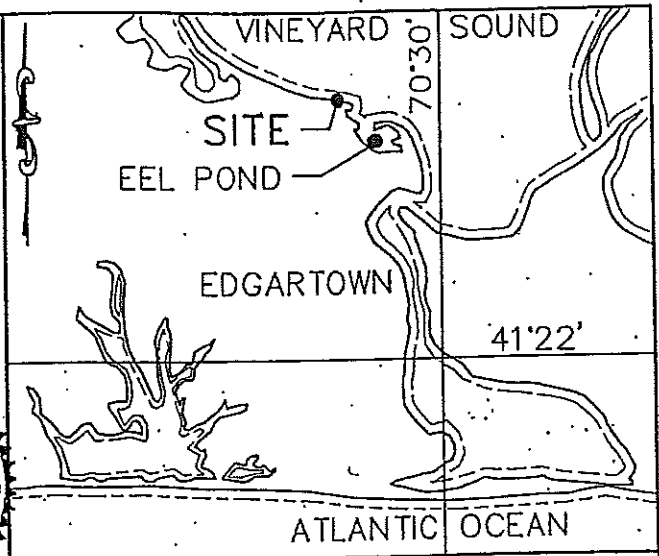
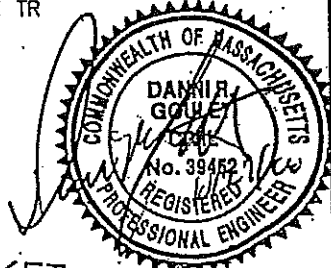
Eel Pond Nourishment Alternative Private Beach

LAND OWNERS:

SHEET 13:

- LOT 5.111: EDGARTOWN GOLF CLUB
1 GOLF CLUB ROAD
- LOT 12.2: HAMMOND, ANDREW A
PLANTING FIELD WAY
- LOT 13: KERNOCHAN, JOHN
6 GOLF CLUB ROAD
- LOT 14.1 & 14.2: FROELICH, ROBERT L
7 PLANTINGFIELD WAY
- LOT 15: ALLEN, ARTHUR YORKE JR
ATHEARN HOUSE NOMINEE TR
3 PLANTINGFIELD LANE
- LOT 16.1: LANDRY, C. KEVIN
139 PLANTINGFIELD WAY

SOURCE: EDGARTOWN ASSESSORS
MAP 13 JAN 1998

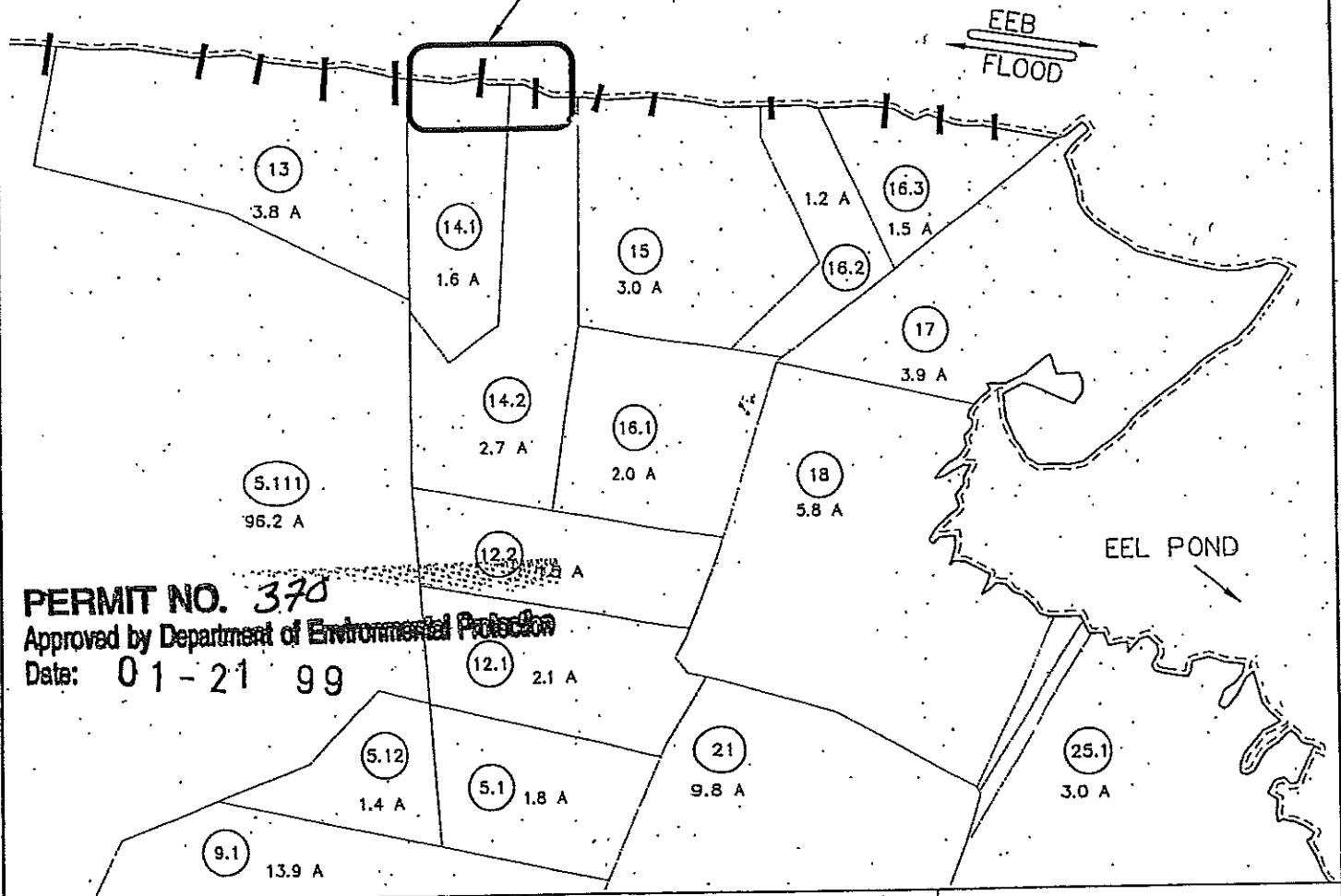


NANTUCKET SOUND

LOCUS

SCALE: 1" = 2000'

PROJECT: GROINS & BEACH NOURISHMENT



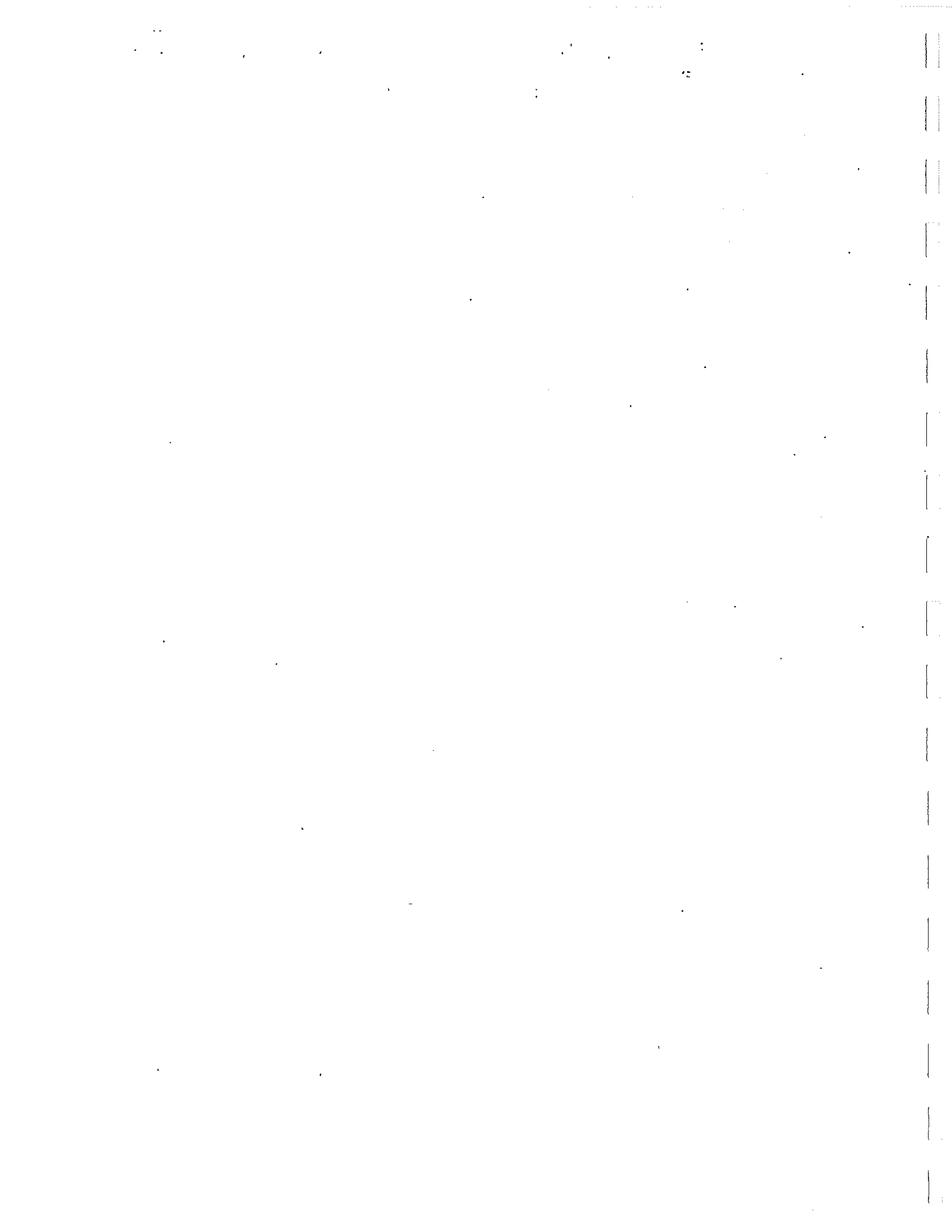
PERMIT NO. 370
 Approved by Department of Environmental Protection
 Date: 01-21-99

PURPOSE: REPAIR GROINS & BEACH NOURISHMENT	TITLE: VICINITY MAP	APPLICATION BY: ROBERT FROELICH
---	------------------------	------------------------------------

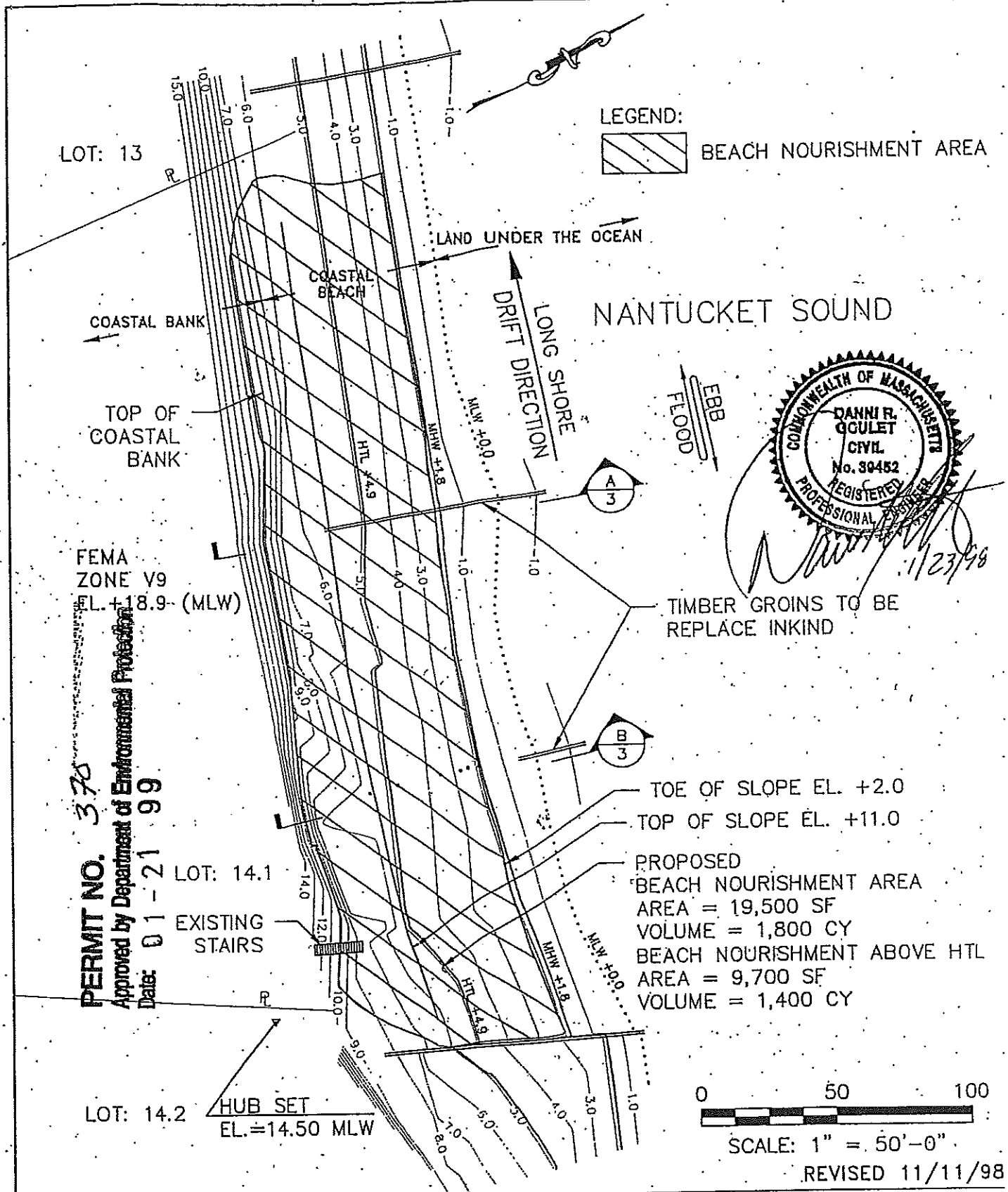
100 YR FLOOD	+18.9
HTL	+4.8
MHW	+1.8
NVGD	+0.9

BCE Bourne Consulting Engineering
 184 West Central Street, Franklin, MA 02038

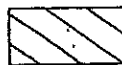
IN: NANTUCKET SOUND
 NEAR: EEL POND
 COUNTY: DUKES STATE: MA
 SHEET 1 OF 4 DATE: OCT 98



Eel Pond Nourishment Alternative Private Beach



LEGEND:



BEACH NOURISHMENT AREA

LOT: 13

LAND UNDER THE OCEAN

NANTUCKET SOUND

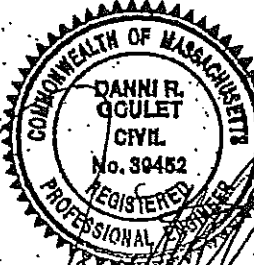
COASTAL BANK

COASTAL BEACH

DRIFT DIRECTION
LONG SHORE

TOP OF COASTAL BANK

FEMA ZONE V9
EL. +18.9 (MLW)



EBB
FLOOD

TIMBER GROINS TO BE REPLACE INKIND

PERMIT NO. 378
Approved by Department of Environmental Protection
Date: 01-21-99

LOT: 14.1

EXISTING STAIRS

TOE OF SLOPE EL. +2.0
TOP OF SLOPE EL. +11.0

PROPOSED BEACH NOURISHMENT AREA
AREA = 19,500 SF
VOLUME = 1,800 CY
BEACH NOURISHMENT ABOVE HTL
AREA = 9,700 SF
VOLUME = 1,400 CY

LOT: 14.2

HUB SET
EL. = 14.50 MLW



SCALE: 1" = 50'-0"

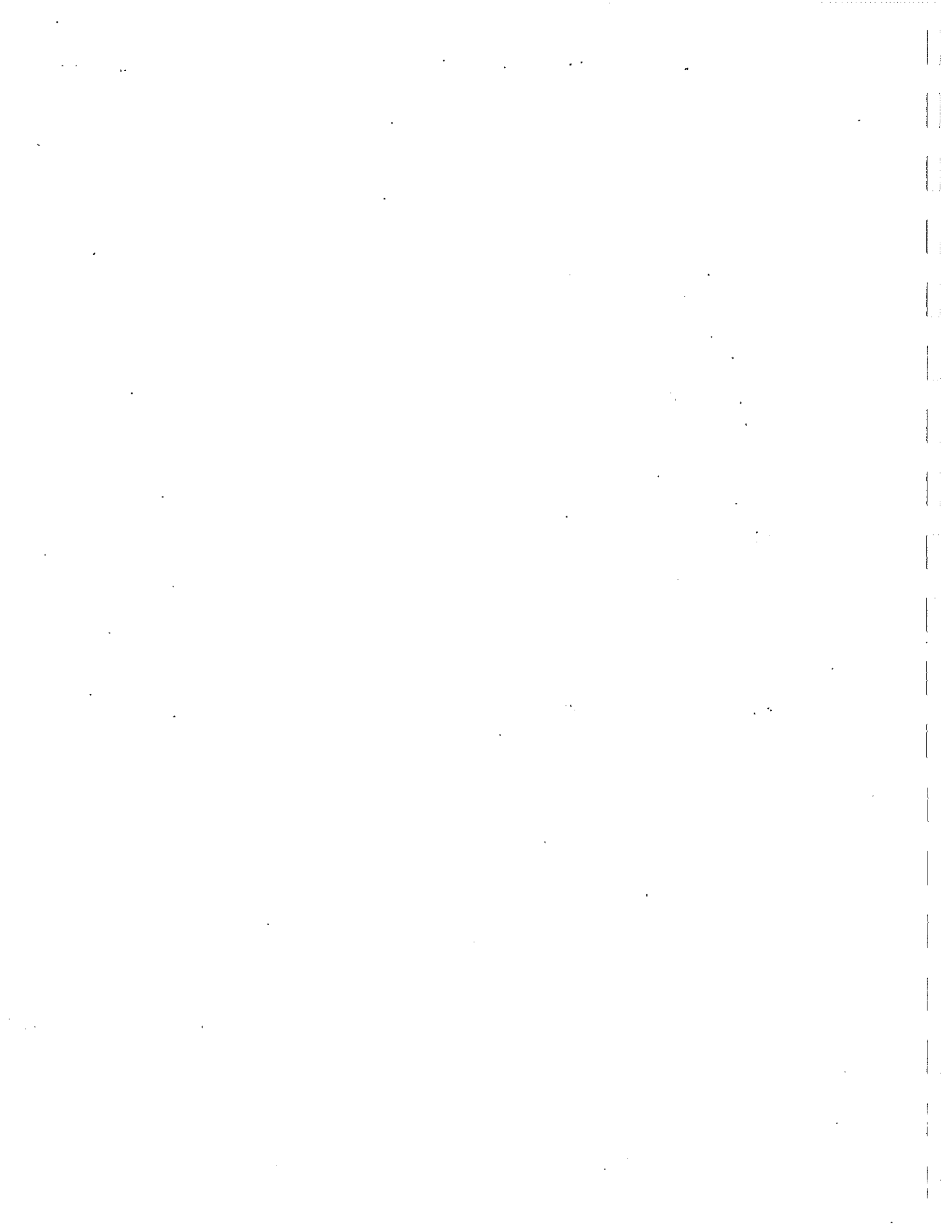
REVISED 11/11/98

<p>PURPOSE: REPAIR GROINS & BEACH NOURISHMENT</p>	<p>TITLE: PLAN VIEW</p>	<p>APPLICATION BY: ROBERT FROELICH</p>
---	-----------------------------	--

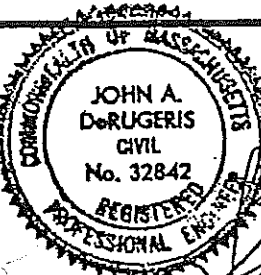
100 YR FLOOD	+18.9'
HTL	+4.9
MHW	+1.8
NVGD	+0.9

BCE Bourne Consulting Engineering
184 West Central Street, Franklin, MA 02038

IN: NANTUCKET SOUND
NEAR: EEL POND
COUNTY: DUKES STATE: MA
SHEET 2 OF 4 DATE: OCT. 9



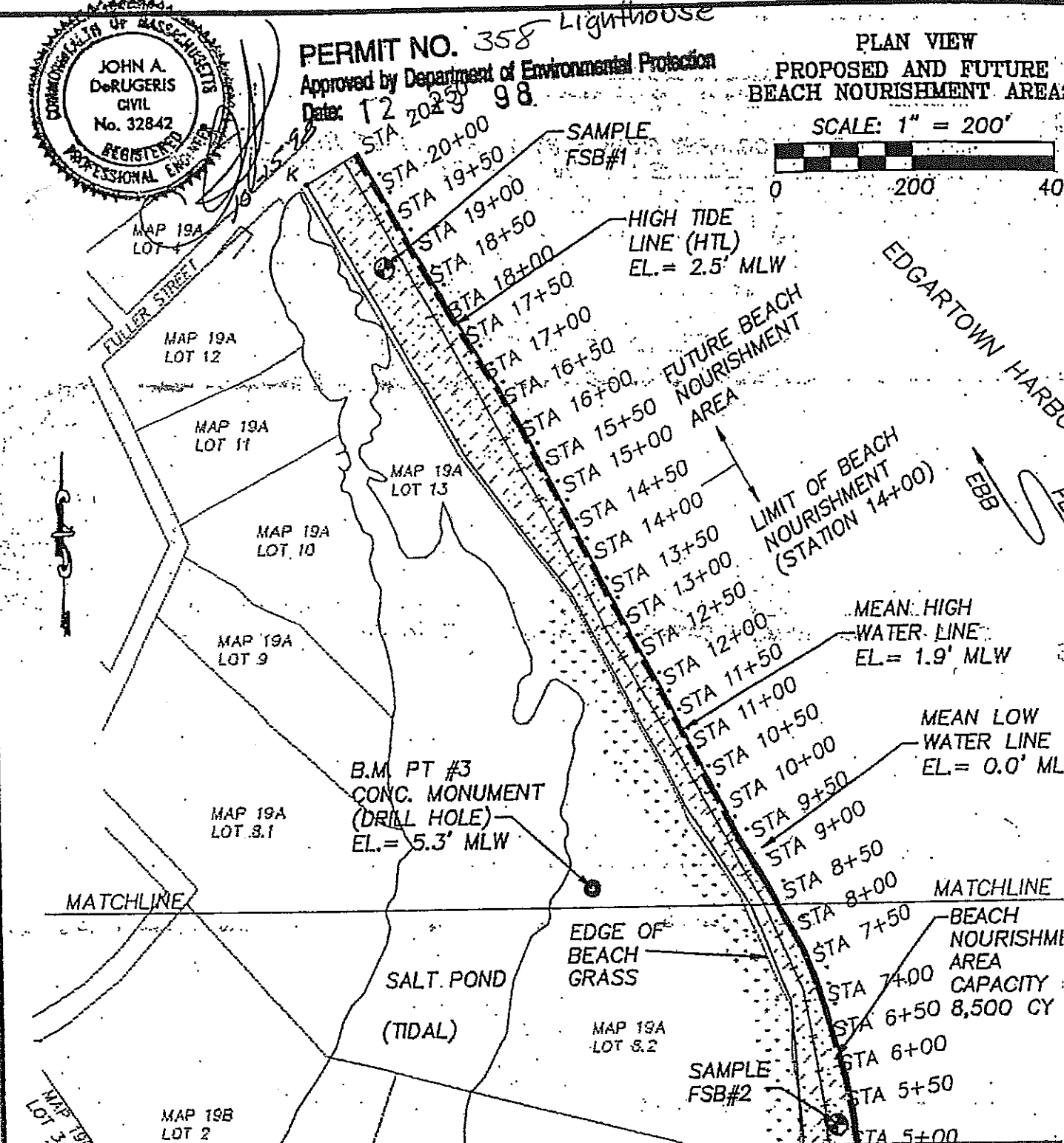
Fuller Beach Nourishment Area



PERMIT NO. 358 Lighthouse
 Approved by Department of Environmental Protection
 Date: 12/23/98

PLAN VIEW
 PROPOSED AND FUTURE
 BEACH NOURISHMENT AREAS

SCALE: 1" = 200'

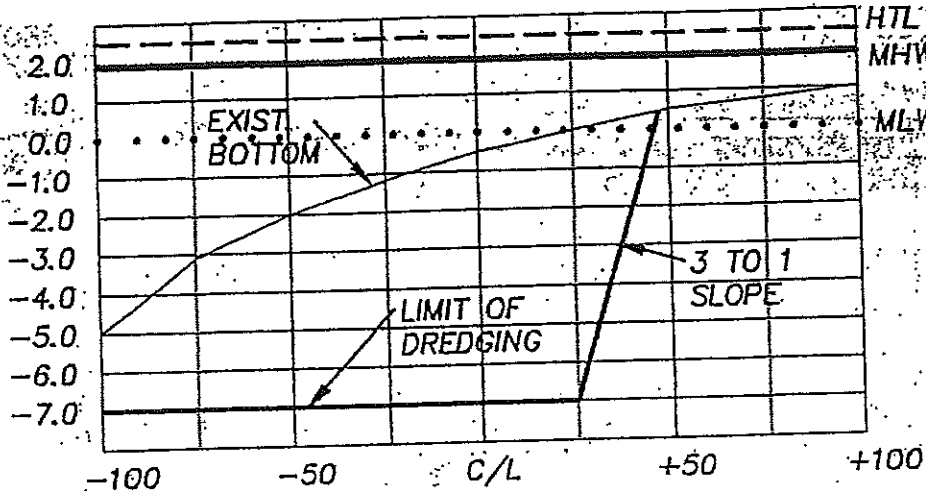


PURPOSE: PROPOSED DREDGING WILL IMPROVE ACCESS TO NAVIGABLE WATERS FROM THE EDGARTOWN LIGHTHOUSE
DATUM: MLW = 0.0
 MHW = 1.9
 HTL = 2.5
 CLE ENGINEERING, INC.
 15 CREEK RD. MARION, MA 02738

PLAN VIEW
 PROPOSED
 BEACH NOURISHMENT
 AREA AND FUTURE BEACH
 NOURISHMENT AREA

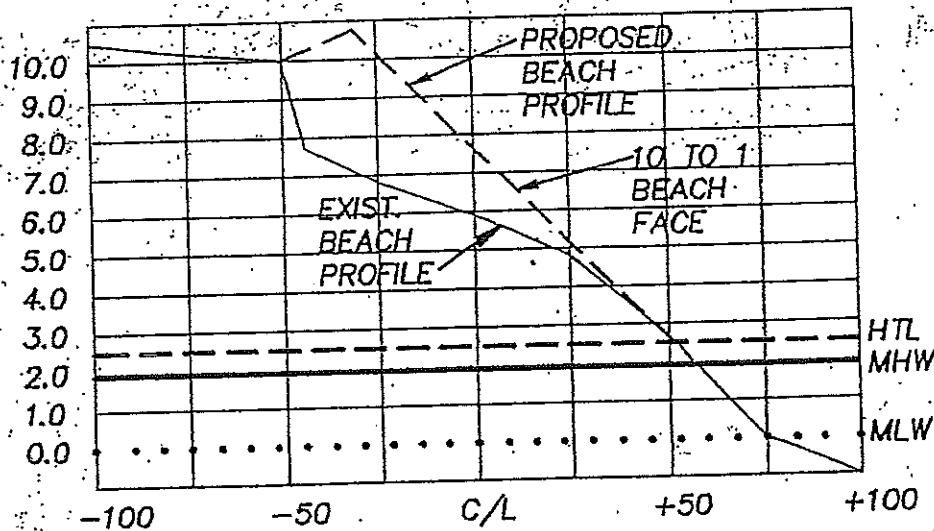
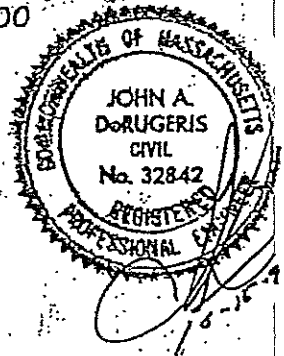
PROPOSED DREDGING PLAN
 EDGARTOWN HARBOR
 AT: EDGARTOWN LIGHTHOUSE
 COUNTY OF: DUKES
 APPLICATION BY:
 THE TOWN OF EDGARTOWN
 DATE: 5/27/98 SHEET 3 0
 REV: 7/8/98 9/10/98 10/

Fuller Beach Nourishment Area



**DREDGE CROSS-SECTION
STATION 2+00**

SCALE: HORI. 1" = 50'
VERT. 1" = 5'



**BEACH CROSS-SECTION A-A
STATION 4+00**

SCALE: HORI. 1" = 50'
VERT. 1" = 5'

PERMIT NO. 358

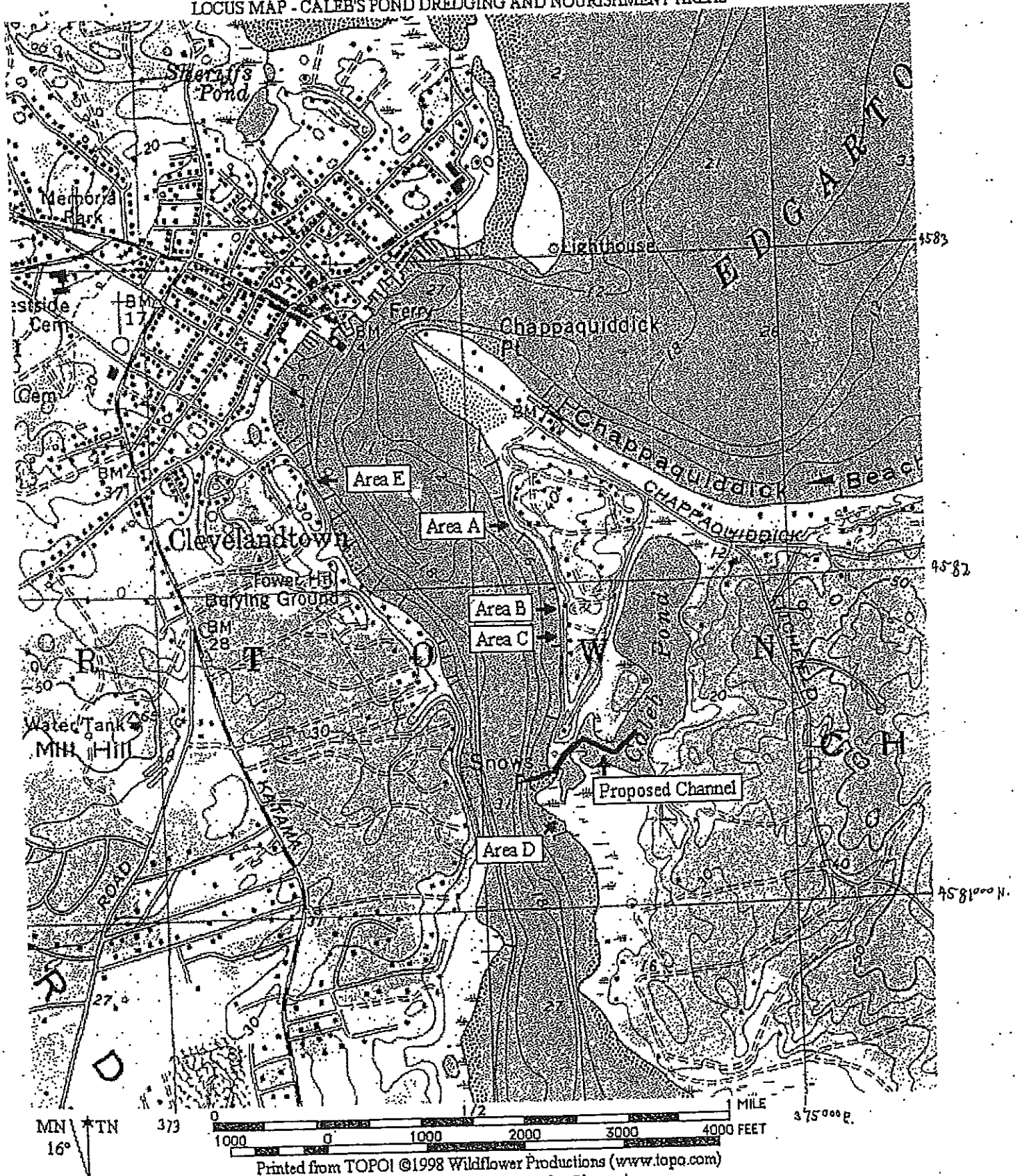
Approved by Department of Environmental Protection
Date: 10-20-98

PURPOSE: PROPOSED DREDGING
WILL IMPROVE ACCESS TO
NAVIGABLE WATERS FROM
THE EDGARTOWN LIGHTHOUSE
DATUM: MLW = 0.0
MHW = 1.9
HTL = 2.5
CLE ENGINEERING, INC.
15 CREEK RD. MARION, MA 02738

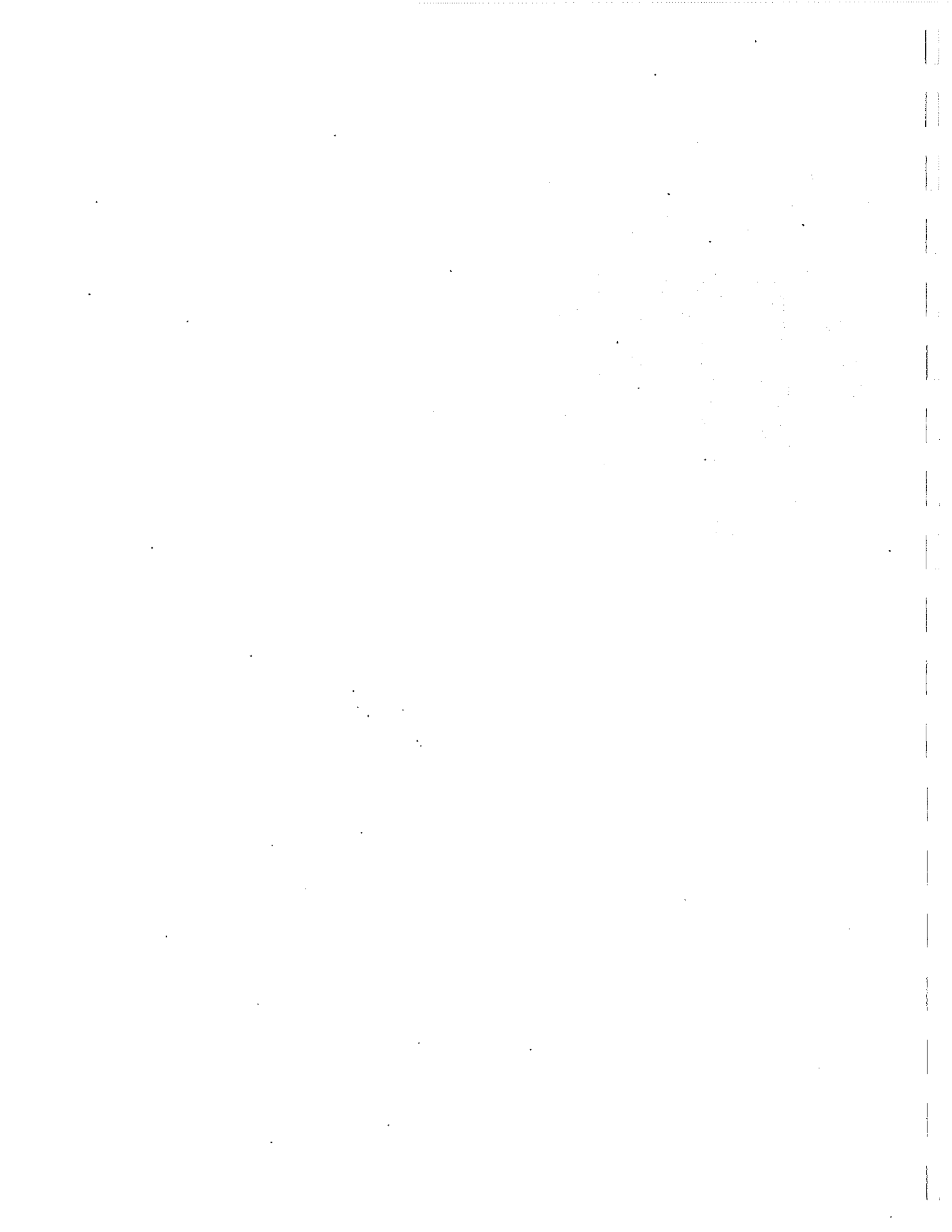
CROSS SECTIONS
FOR PROPOSED
DREDGE AREA AND
BEACH NOURISHMENT AREA

PROPOSED DREDGING PLAN
EDGARTOWN HARBOR
AT: EDGARTOWN LIGHTHOUSE
COUNTY OF: DUKES
APPLICATION BY:
THE TOWN OF EDGARTOWN
DATE: 5/27/98 SHEET 5 OF
REV: 7/8/98 9/10/98 10/

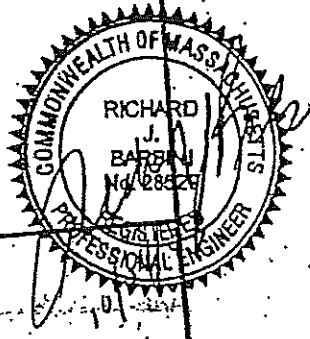
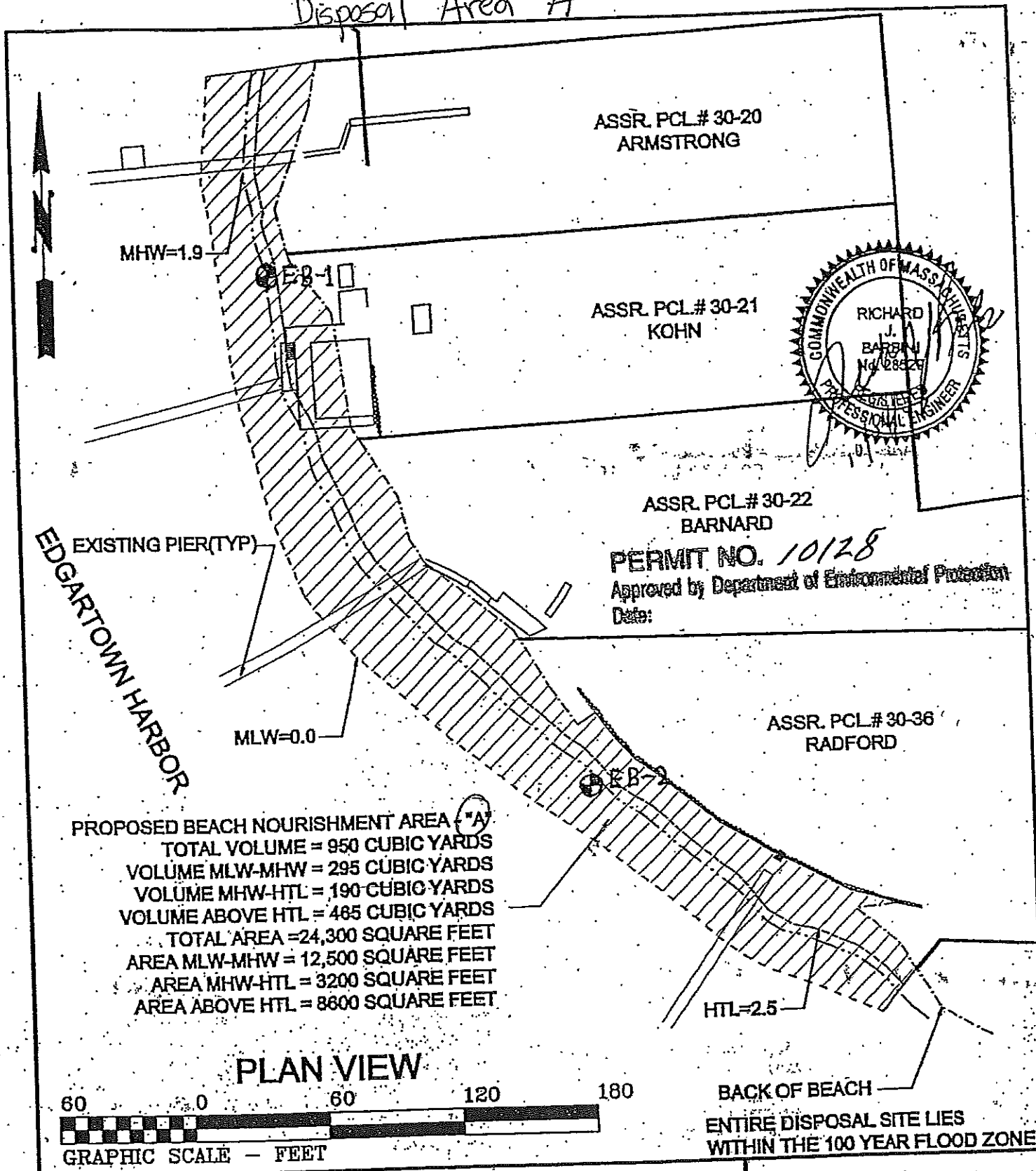
LOCUS MAP - CALEB'S POND DREDGING AND NOURISHMENT AREAS



Printed from TOPOI ©1998 Wildflower Productions (www.topo.com)
USGS Edgartown Quad Sheet
Sheet 1 of 12

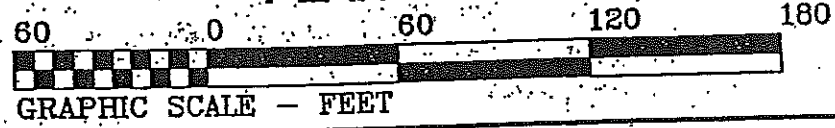


Disposal Area "A"

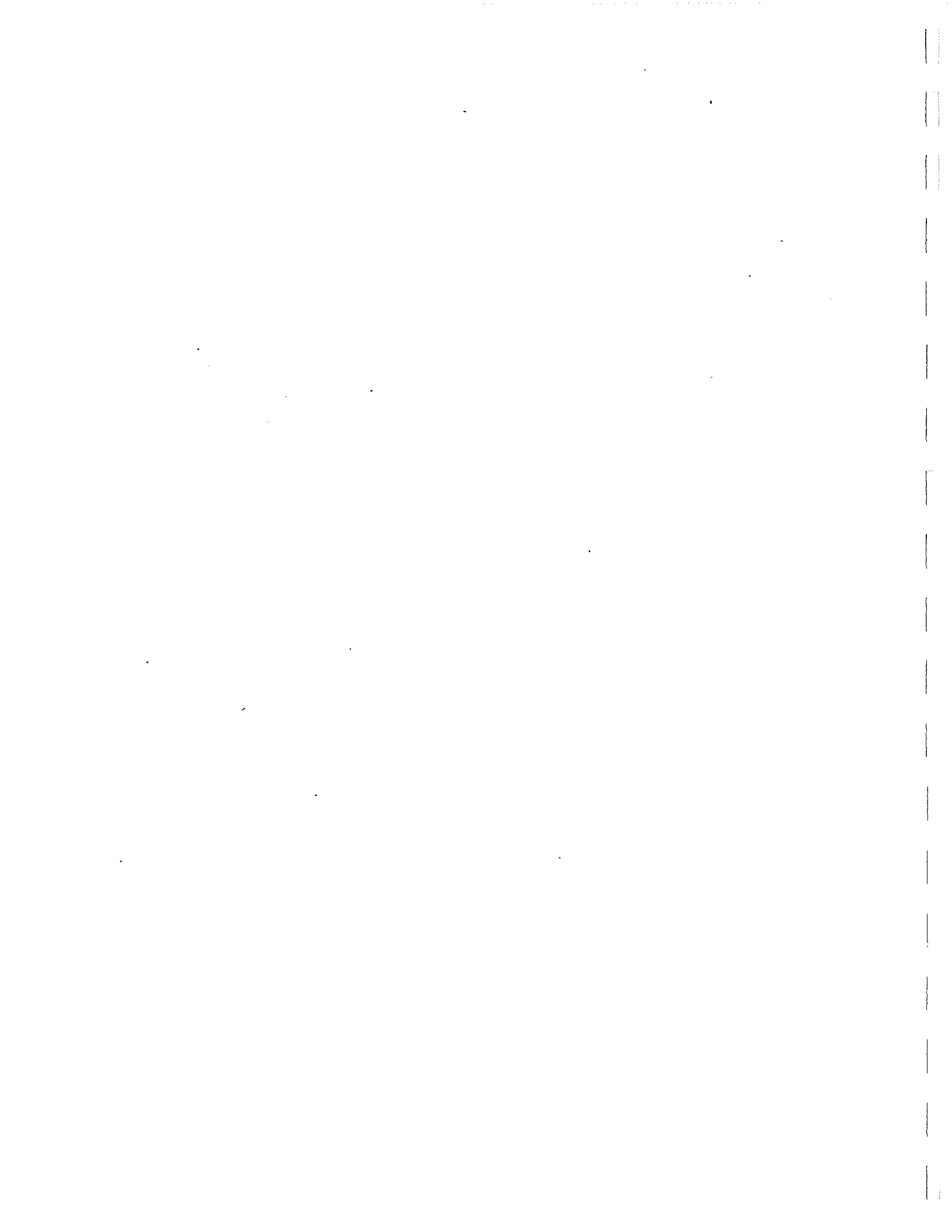


PROPOSED BEACH NOURISHMENT AREA "A"
 TOTAL VOLUME = 950 CUBIC YARDS
 VOLUME MLW-MHW = 295 CUBIC YARDS
 VOLUME MHW-HTL = 190 CUBIC YARDS
 VOLUME ABOVE HTL = 465 CUBIC YARDS
 TOTAL AREA = 24,300 SQUARE FEET
 AREA MLW-MHW = 12,500 SQUARE FEET
 AREA MHW-HTL = 3200 SQUARE FEET
 AREA ABOVE HTL = 8600 SQUARE FEET

PLAN VIEW



PURPOSE: DREDGING & BEACH NOURISHMENT	TITLE: CALEB'S POND DISPOSAL AREA VOLUME/AREA DETERMINATION	APPLICATION BY: THE TOWN OF EDGARTOWN
100 YR. FLOOD +13.9 HTL +2.5 MHW +1.9 NGVD +0.9 MLW 0.0	SCHOFIELD, BARBINI & HOEHN INC. STATE ROAD, VINEYARD HAVEN, MASS. 508-693-2781, RBARBINI@SBHINC.NET	IN: EDGARTOWN HARBOR AT: CHAPPAQUIDDICK ISLAND COUNTY: DUKES STATE: MA SHEET 5 OF 71 DATE: 10/04/200



Disposal Areas "B" + "C"

PROPOSED BEACH NOURISHMENT AREA "B"

TOTAL VOLUME = 80 CUBIC YARDS
 VOLUME MLW-MHW = 15 CUBIC YARDS
 VOLUME MHW-HTL = 10 CUBIC YARDS
 VOLUME ABOVE HTL = 55 CUBIC YARDS
 TOTAL AREA = 2900 SQUARE FEET
 AREA MLW-MHW = 1400 SQUARE FEET
 AREA MHW-HTL = 325 SQUARE FEET
 AREA ABOVE HTL = 1175 SQUARE FEET

PROPOSED BEACH NOURISHMENT AREA "C"

TOTAL VOLUME = 470 CUBIC YARDS
 VOLUME MLW-MHW = 140 CUBIC YARDS
 VOLUME MHW-HTL = 85 CUBIC YARDS
 VOLUME ABOVE HTL = 245 CUBIC YARDS
 TOTAL AREA = 10,250 SQUARE FEET
 AREA MLW-MHW = 6400 SQUARE FEET
 AREA MHW-HTL = 950 SQUARE FEET
 AREA ABOVE HTL = 2900 SQUARE FEET

EDGARTOWN HARBOR

EXISTING PIER (TYP)

MLW=0.0

EB-1

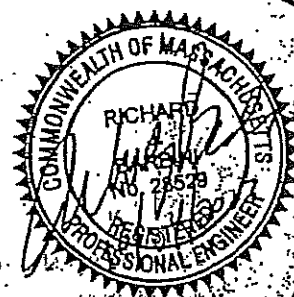
HTL=2.5

BACK OF BEACH
 BOTTOM OF BANK

ASSR. PCL # 30-45
 WALSH

ASSR. PCL # 30-42
 WOLOSOFF

BACK OF BEACH
 BOTTOM OF BANK

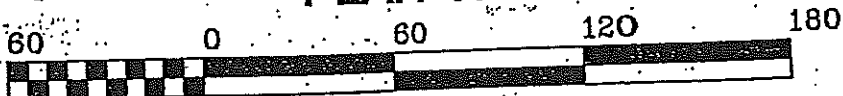


PERMIT NO. 10128

Approved by Department of Environmental Protection - MHW=1.9

Date:

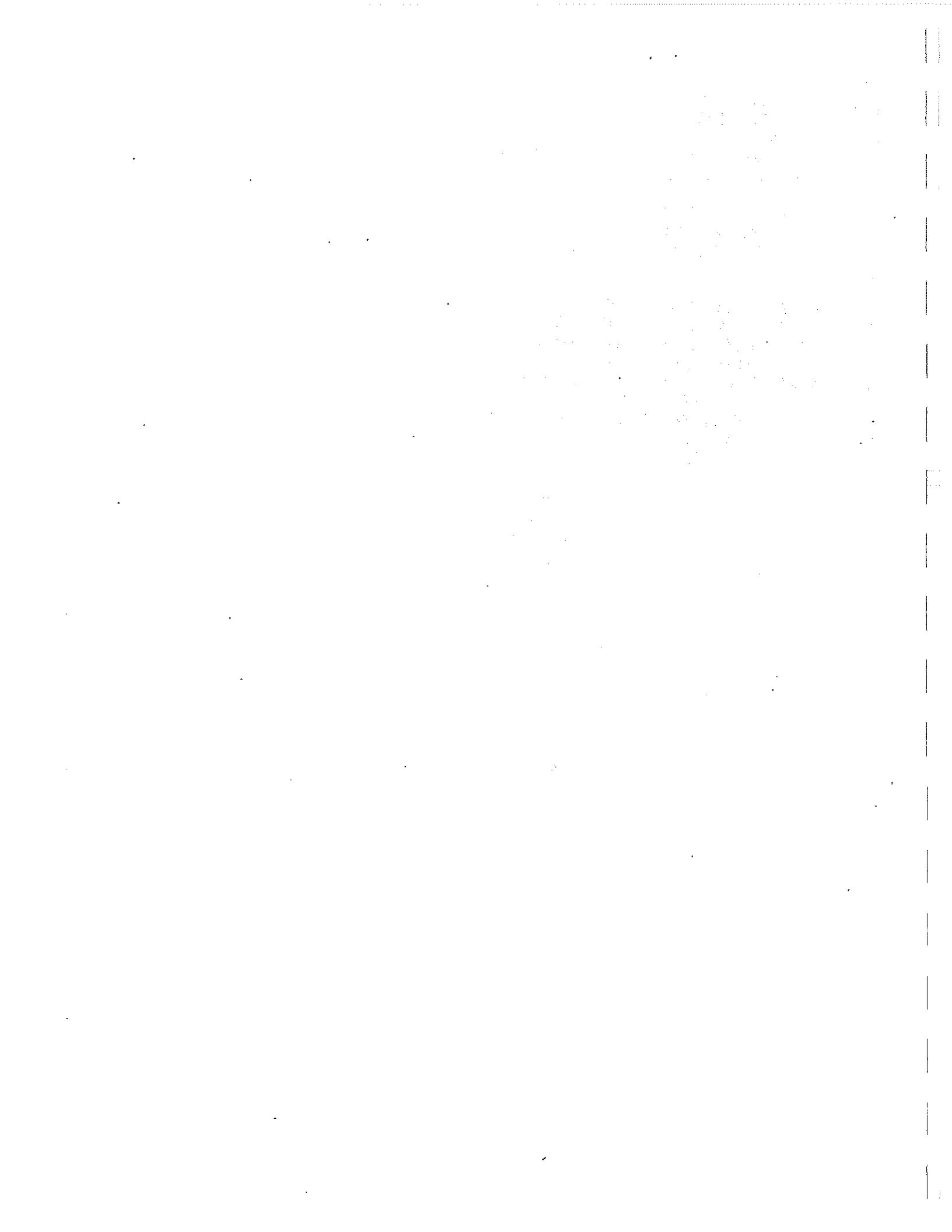
PLAN VIEW



GRAPHIC SCALE - FEET

ENTIRE DISPOSAL SITE LIES
 WITHIN THE 100 YEAR FLOOD ZONE

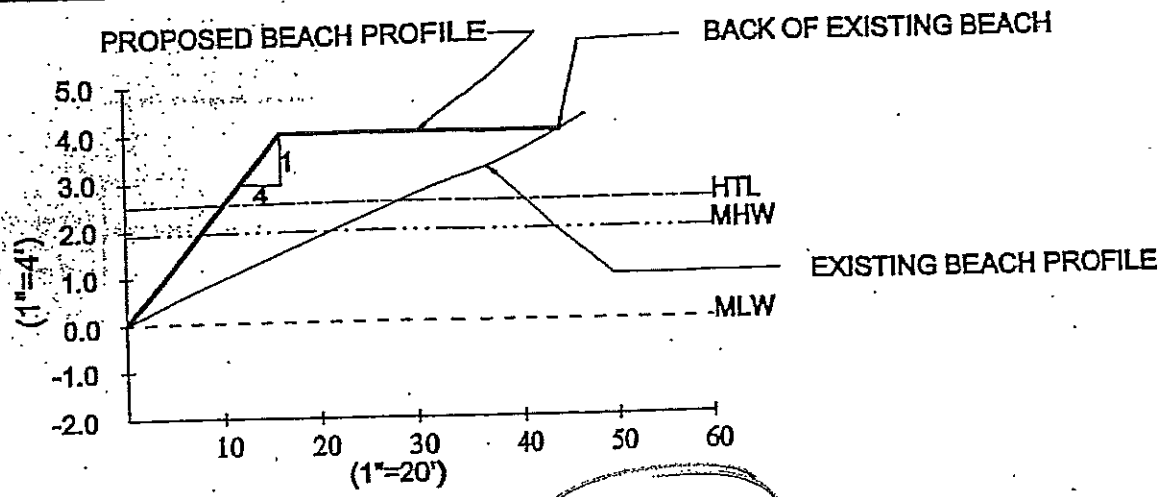
<p>PURPOSE: DREDGING & BEACH NOURISHMENT</p>	<p>TITLE: CALEB'S POND DISPOSAL AREA VOLUME/AREA DETERMINATION</p>	<p>APPLICATION BY: THE TOWN OF EDGARTOWN</p>
<p>100 YR FLOOD +13.9 HTL +2.5 MHW +1.9 NGVD +0.9 MLW 0.0</p>	<p>SCHOFIELD, BARBINI & HOEHN INC. STATE ROAD, VINEYARD HAVEN, MASS. 508-693-2781, RBARBINI@SBHINC.NET</p>	<p>IN: EDGARTOWN HARBOR AT: CHAPPAQUIDDICK ISLAND COUNTY: DUKES STATE: 1 SHEET 6 OF 12 DATE: 10/04/12</p>



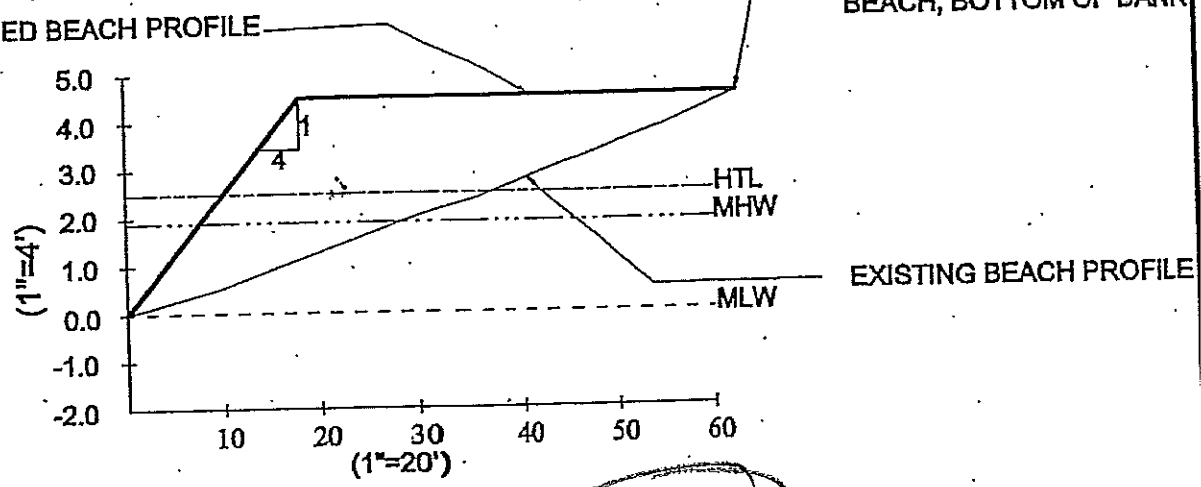
PERMIT NO. 10128

Approved by: Department of Environmental Protection

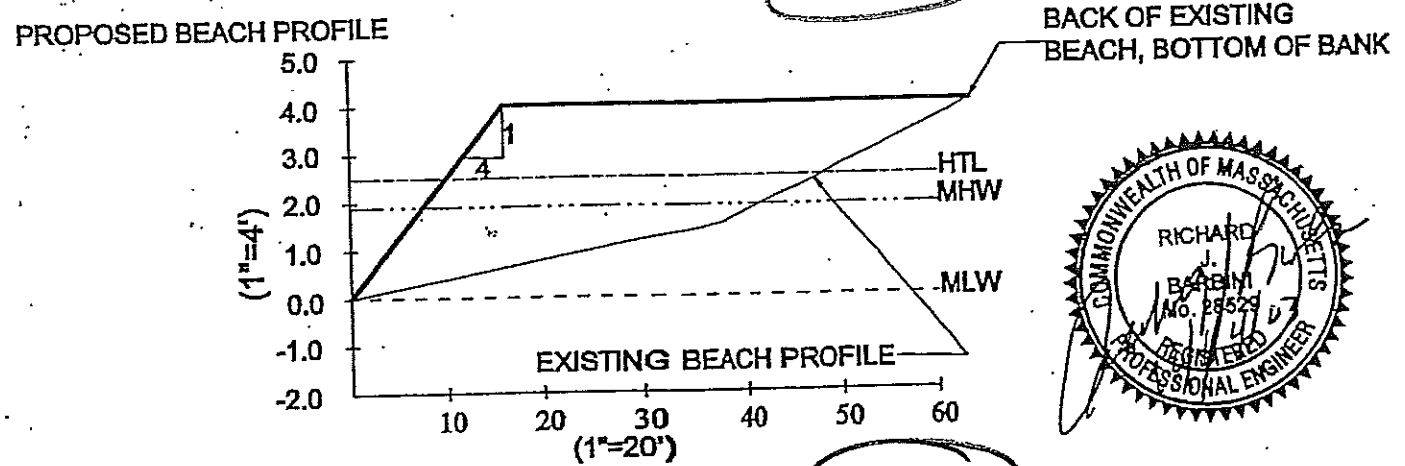
Date: FEB 08 2005



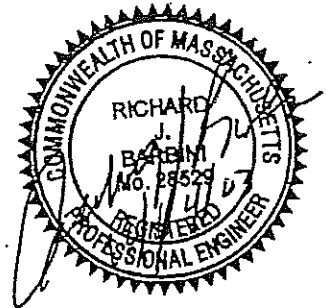
TYPICAL CROSS-SECTION - AREA "A"



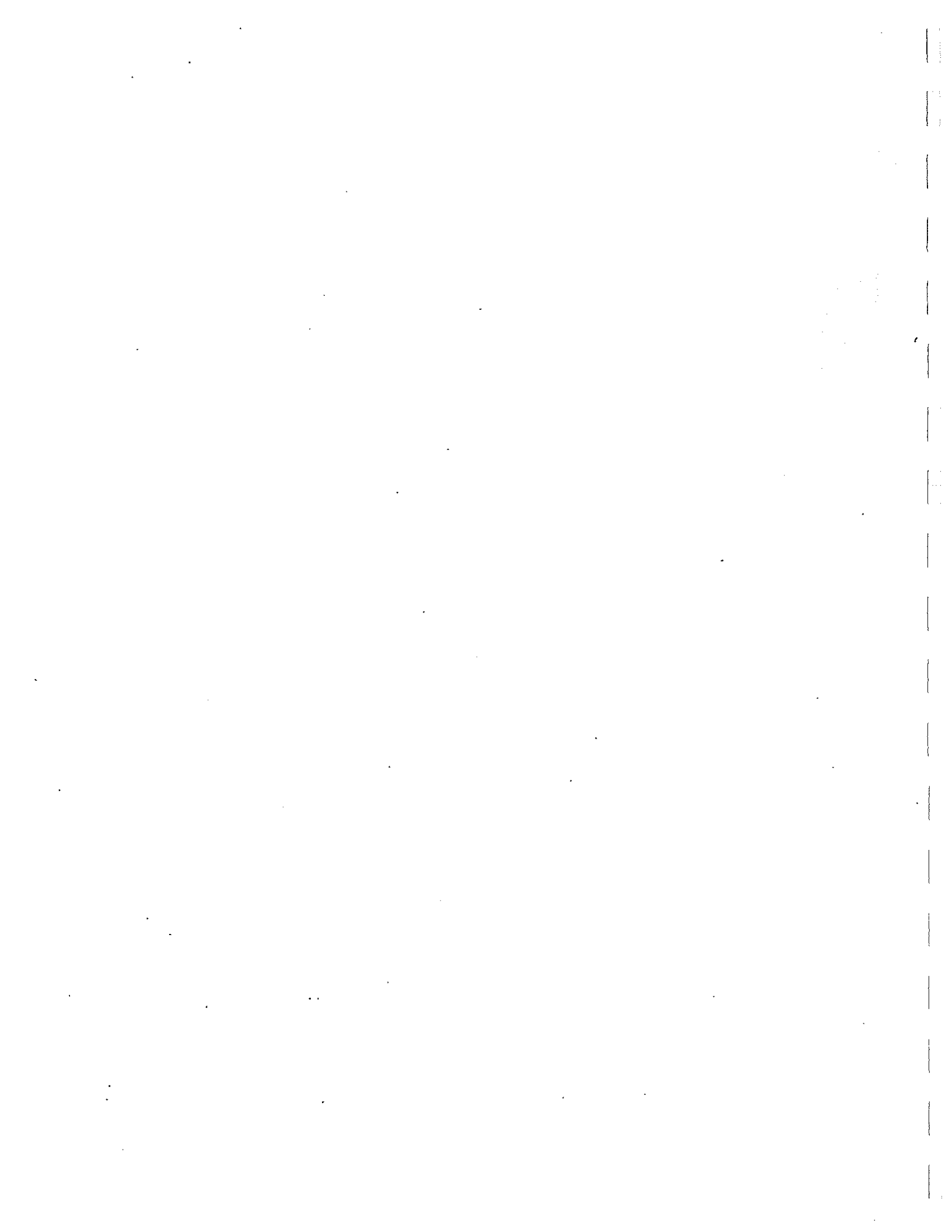
TYPICAL CROSS-SECTION - AREA "B"



TYPICAL CROSS-SECTION - AREA "C"

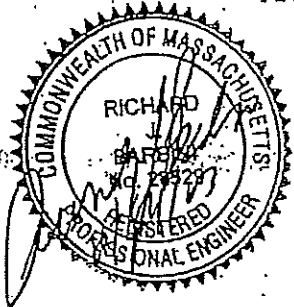
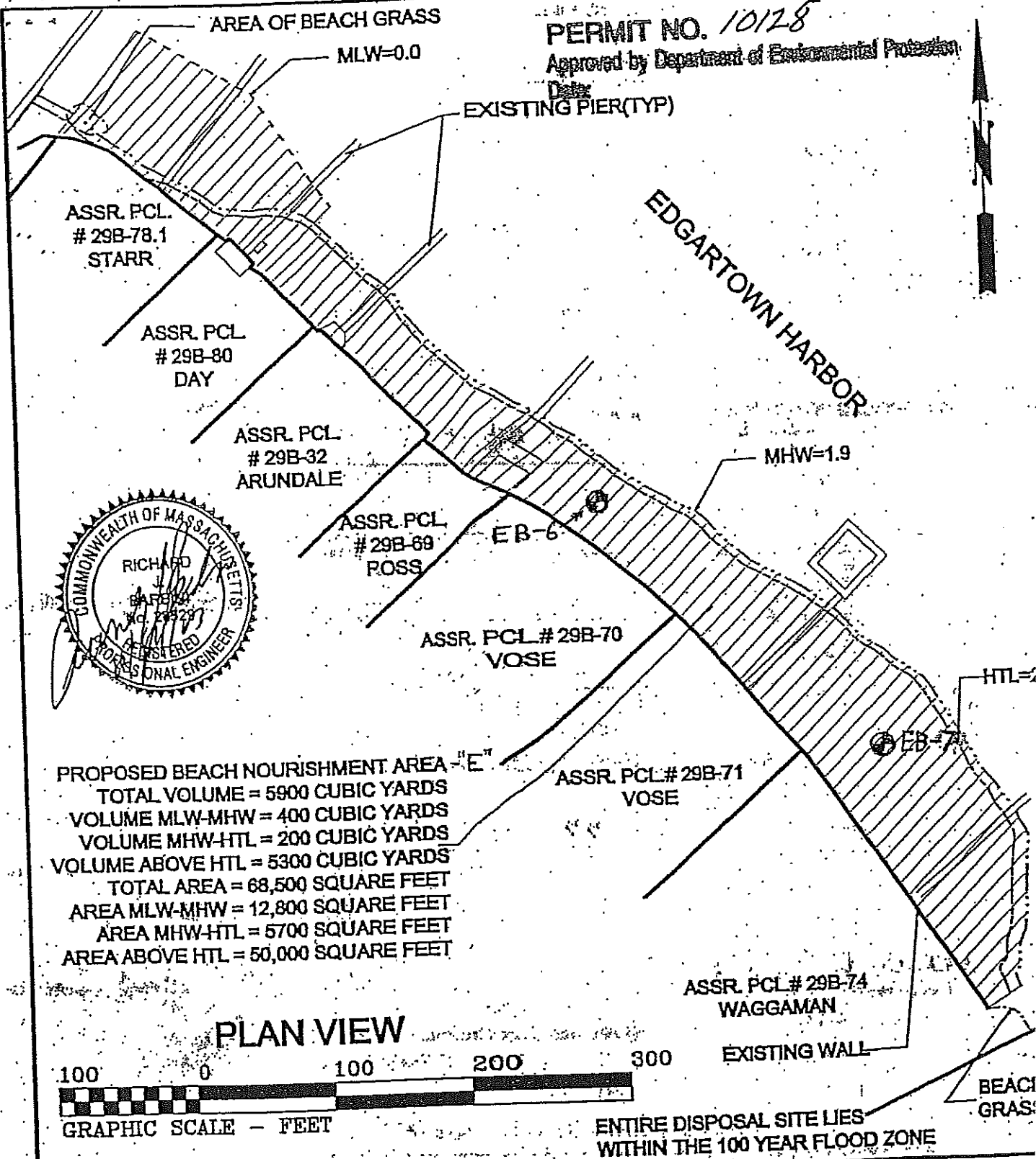


PURPOSE: DREDGING & BEACH NOURISHMENT	TITLE: CALEB'S POND DISPOSAL AREA VOLUME/AREA DETERMINATION	APPLICATION BY: THE TOWN OF EDGARTOWN
100 YR. FLOOD +13.9 HTL +2.5 MHW +1.9 NGVD +0.9 MLW 0.0	SCHOFIELD, BARBINI & HOEHN INC. STATE ROAD, VINEYARD HAVEN, MASS. 508-693-2781; RBARBINI@SBHINC.NET	IN: EDGARTOWN HARBOR AT: CHAPPAQUIDDICK ISLAND COUNTY: DUKES STATE: MA SHEET 9 OF 12 DATE: 10/04/2004



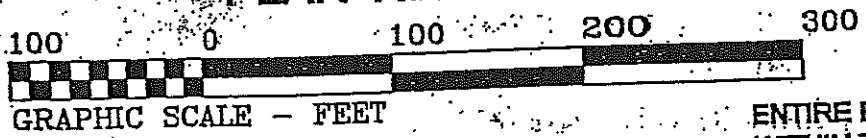
Disposal Area "E"

PERMIT NO. 10128
 Approved by Department of Environmental Protection
 Date: _____



PROPOSED BEACH NOURISHMENT AREA - "E"
 TOTAL VOLUME = 5900 CUBIC YARDS
 VOLUME MLW-MHW = 400 CUBIC YARDS
 VOLUME MHW-HTL = 200 CUBIC YARDS
 VOLUME ABOVE HTL = 5300 CUBIC YARDS
 TOTAL AREA = 68,500 SQUARE FEET
 AREA MLW-MHW = 12,800 SQUARE FEET
 AREA MHW-HTL = 5700 SQUARE FEET
 AREA ABOVE HTL = 50,000 SQUARE FEET

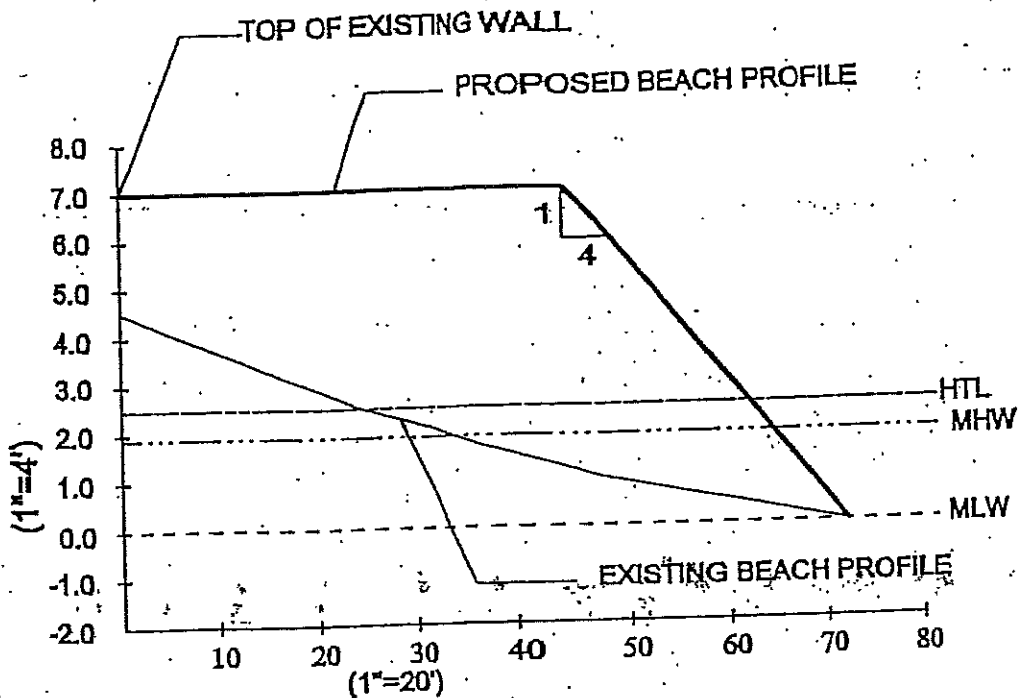
PLAN VIEW



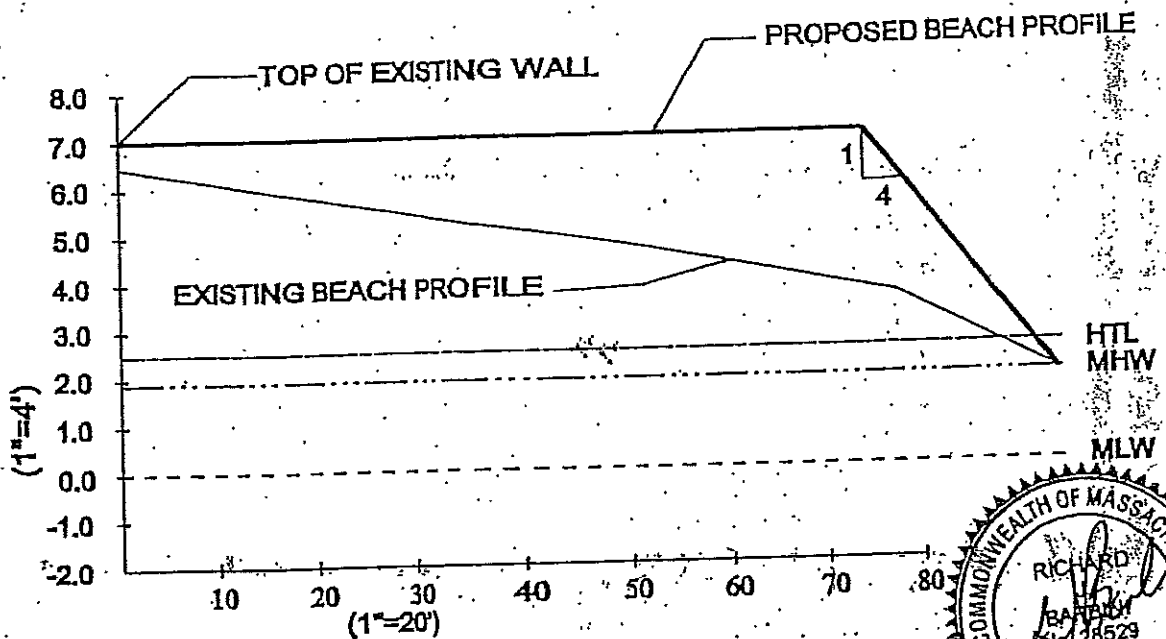
ENTIRE DISPOSAL SITE LIES WITHIN THE 100 YEAR FLOOD ZONE

PURPOSE: DREDGING & BEACH NOURISHMENT	TITLE: CALEB'S POND DISPOSAL AREA VOLUME/AREA DETERMINATION	APPLICATION BY: THE TOWN OF EDGARTOWN
100 YR. FLOOD +13.9 HTL +2.5 MHW +1.9 NGVD +0.9 MLW 0.0	SCHOFIELD, BARBINI & HOEHN INC. STATE ROAD, VINEYARD HAVEN, MASS. 508-693-2781, RBARBINI@SBHING.NET	IN: EDGARTOWN HARBOR AT: VOSE PROPERTY COUNTY: DUKES STATE SHEET 8 OF 12 DATE: 10/0

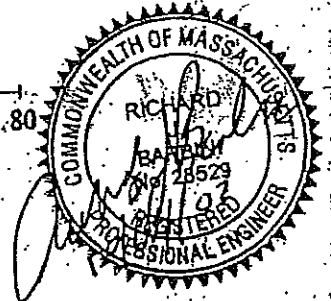
Area "E"



TYPICAL CROSS-SECTION - AREA "E"



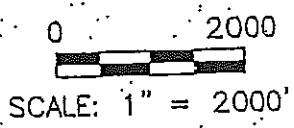
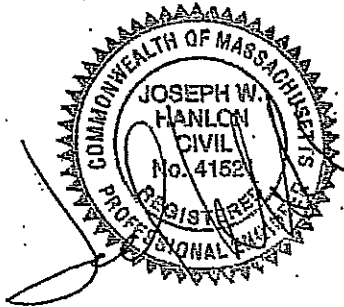
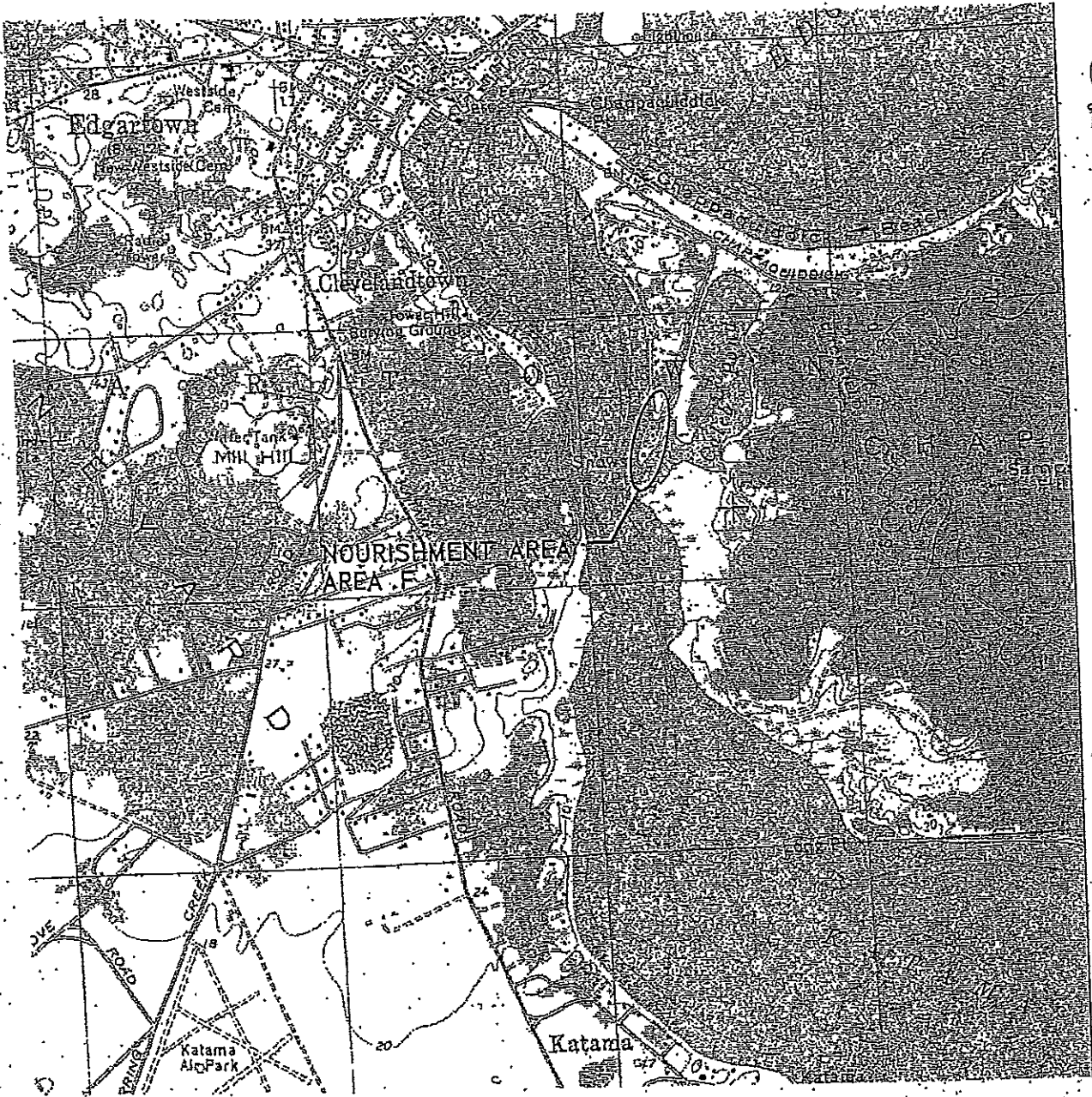
TYPICAL CROSS-SECTION - AREA "E"

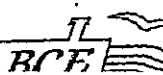


PERMIT NO. 10128
Approved by Department of Environmental Protection

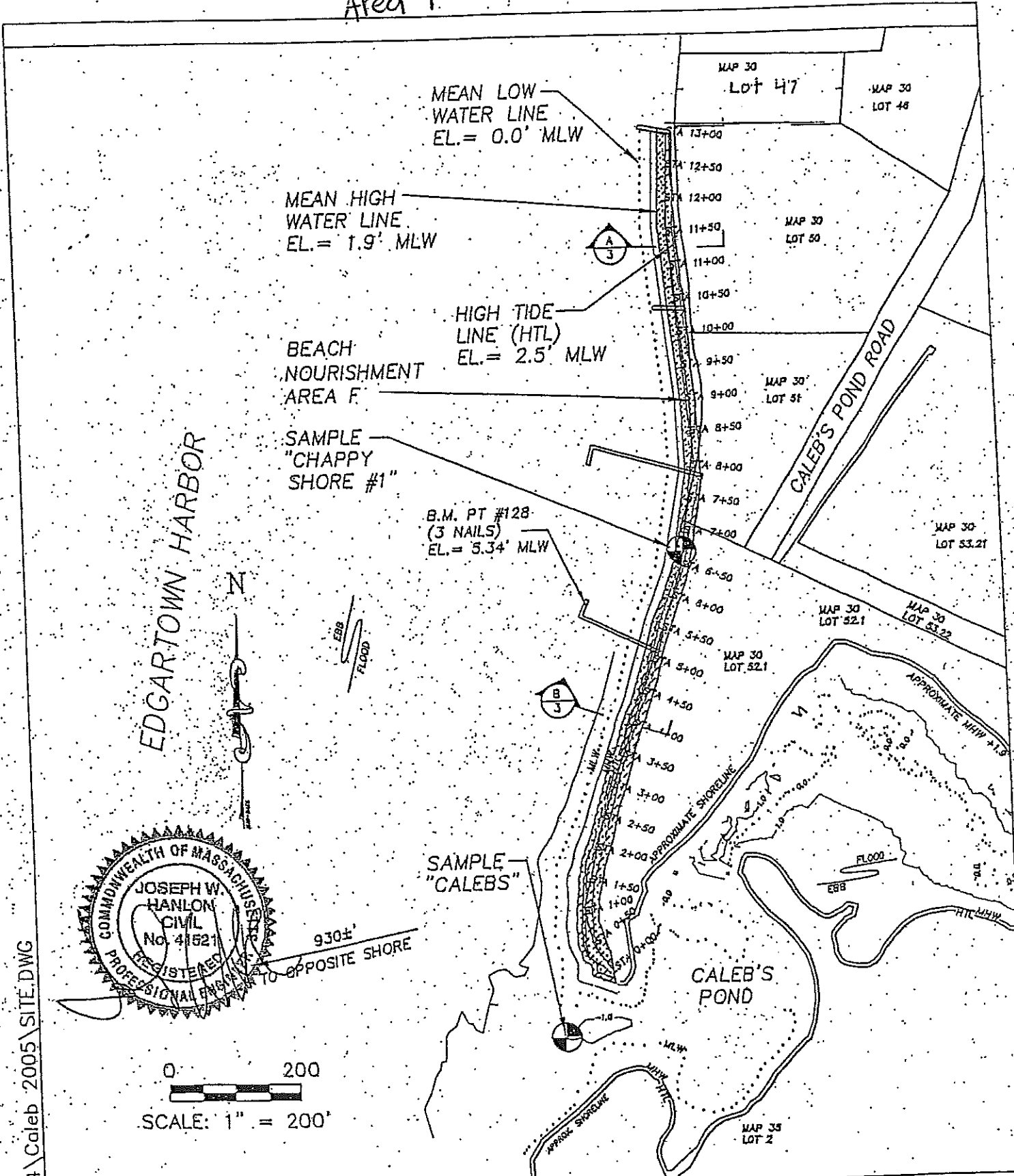
PURPOSE: DREDGING & BEACH NOURISHMENT.	TITLE: CALEB'S POND DISPOSAL AREA VOLUME/AREA DETERMINATION	APPLICATION BY: THE TOWN OF EDGARTOWN
100 YR. FLOOD +13.9 HTL +2.5 MHW +1.9 NGVD +0.9 MLW 0.0	SCHOFIELD, BARBINI & HOEHN INC. STATE ROAD, VINEYARD HAVEN, MASS. 508-893-2781, RBARBINI@SBHINC.NET	IN: EDGARTOWN HARBOR AT: VOSE PROPERTY COUNTY: DUKES STATE: MA SHEET 11 OF 12 DATE: 10/04/2003

Nourishment Area "F"

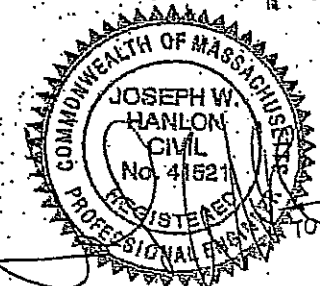


PURPOSE: BEACH NOURISHMENT	TITLE: LOCUS MAP	APPLICATION BY: TOWN OF EDGARTOWN
100 YR FLOOD +9.9 HTL +2.5 MHW +1.9	 Bourne Consulting Engineering <small>144 Paul Gabriel Street Freetown, MA 02033</small>	IN: EDGARTOWN HARBOR AT: CALEB'S POND COUNTY: DJIKES STATE: MA

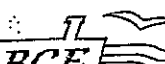
Area "F"



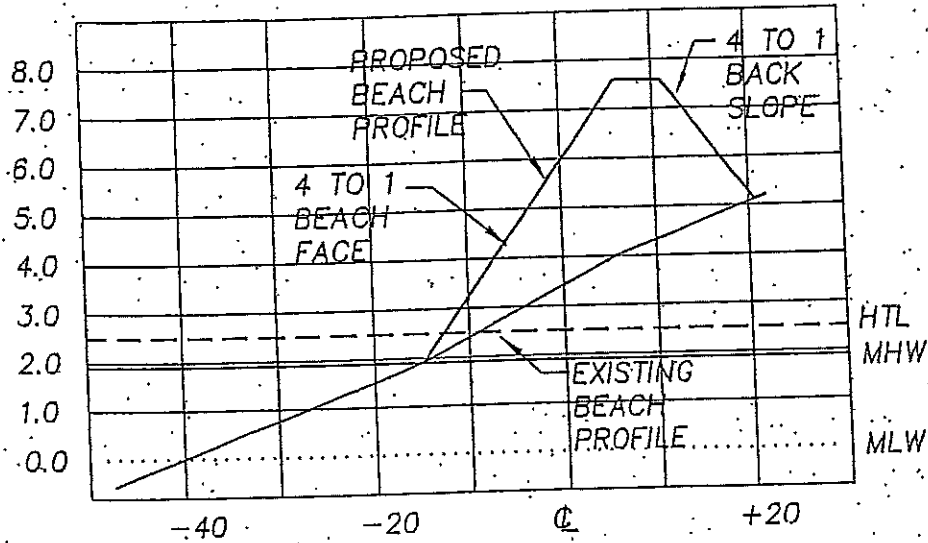
C:\25536-25584\Caleb 2005 SITE.DWG



0 200
SCALE: 1" = 200'

PURPOSE: BEACH NOURISHMENT	TITLE: NOURISHMENT PLAN	APPLICATION BY: TOWN OF EDGARTOWN
100 YR FLOOD +9.9 HTL +2.5 MHW +1.9	 Bourne Consulting Engineering <small>184 York Central Street Duxbury, MA 01928</small>	IN: EDGARTOWN HARBOR AT: CALEB'S POND COUNTY: DUKES STATE: MA

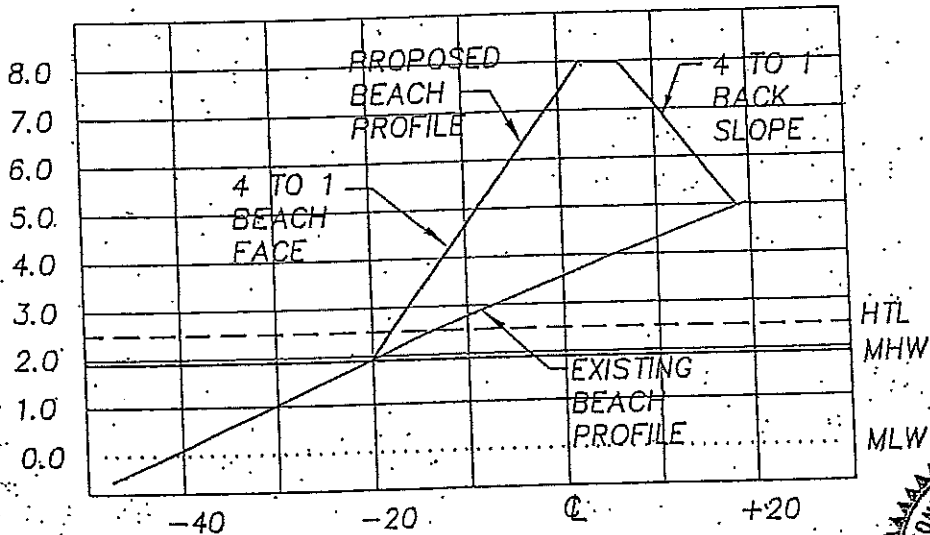
Area F



A
3

BEACH SECTION STA 11+25

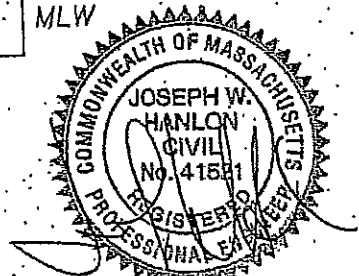
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'



B
3

BEACH SECTION STA 4+00

HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'



25536-25584\Caleb 2005\SITE.DWG

PURPOSE: BEACH NOURISHMENT		TITLE: BEACH SECTIONS	APPLICATION BY: TOWN OF EDGARTOWN
100 YR FLOOD	+9.9		IN: EDGARTOWN HARBOR
HTL	+2.5		AT: CALEB'S POND
MLW	+1.9		COUNTY: DUKES STATE: M

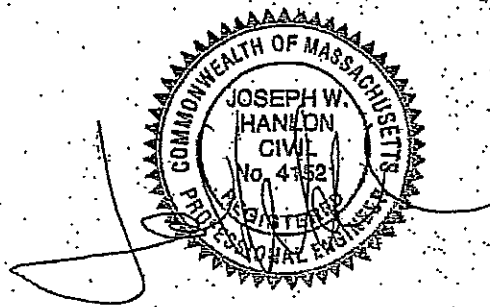
Area F


PROJECT DRAWING NOTES:

1. PLAN DEVELOPED FROM INFORMATION PROVIDED ELECTRONICALLY BY CLE ENGINEERING, INC. ENTITLED PROPOSED DREDGING PLAN IN CALEB'S CREEK, EDGARTOWN HARBOR DATED 05/29/98, REVISED 03/17/99.
2. PLANS PROVIDED FOR PERMITS ONLY - NOT FOR CONSTRUCTION
3. SOUNDINGS AND ELEVATIONS ARE SHOWN IN FEET AND TENTHS BASED ON A MEAN LOW WATER DATUM. POSITIVE VALUES REPRESENT DEPTH ABOVE THAT SAME PLANE.
4. THE ESTIMATED QUANTITY OF BEACH NOURISHMENT AND AREA OF IMPACT IS AS FOLLOWS:

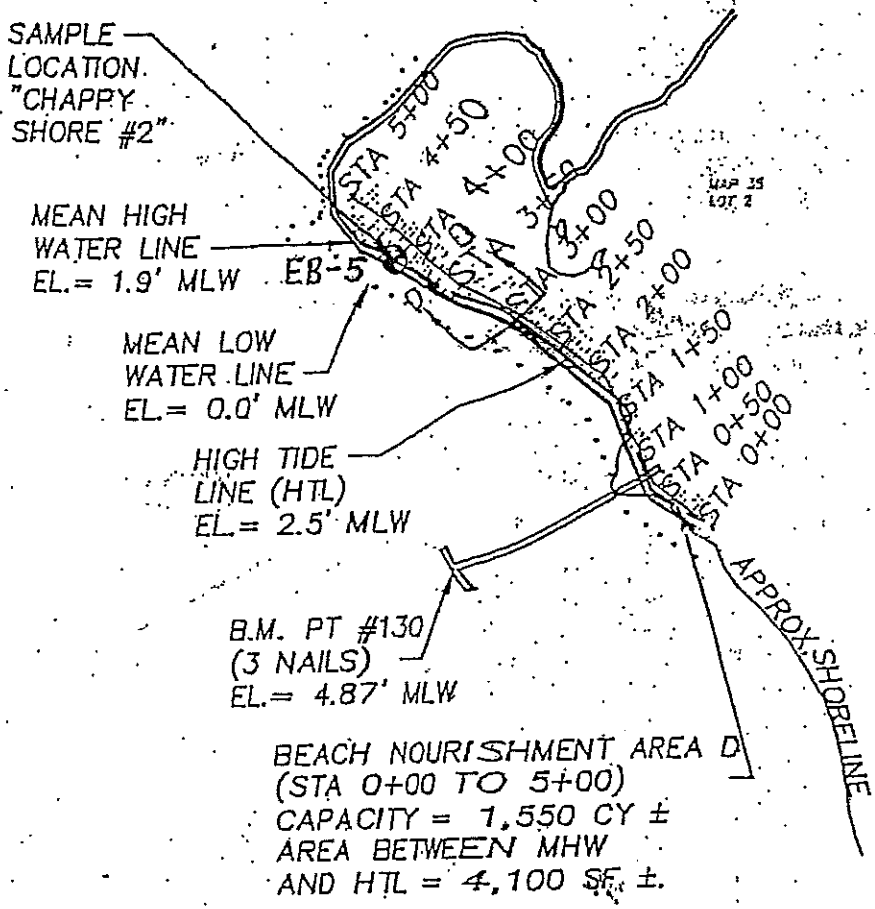
BEACH NOURISHMENT AREA F:	AREA:	VOLUME:
	36,710 SF	3775 CY

X:\255536-25584\Caleb 2005\SITE.DWG



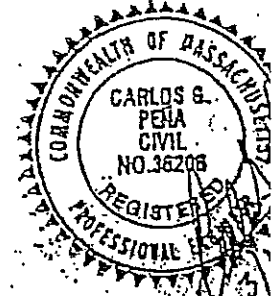
PURPOSE: BEACH NOURISHMENT	TITLE: PROJECT NOTES	APPLICATION BY: TOWN OF EDGARTOWN
100 YR FLOOD +9.9 HTL +2.5 MHW +1.9 MVD 0.0		IN: EDGARTOWN HARBOR AT: CALEB'S POND COUNTY: DUKES STATE: MA

Area "D"

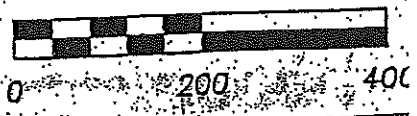


DETAIL - BEACH NOURISHMENT AREA D

PERMIT NO. 10128
 Approved by Department of Environmental Protection
 Date:



SCALE: 1" = 200'



PURPOSE: PROPOSED DREDGING WILL IMPROVE ACCESS TO NAVIGABLE WATERS FROM CALEB'S POND.
DATUM: MLW = 0.0
 MHW = 1.9
 HTL = 2.5
CLE ENGINEERING, INC.
 15 CREEK RD. MARION, MA 02738

DETAILED VIEW
 OF BEACH NOURISHMENT AREA D

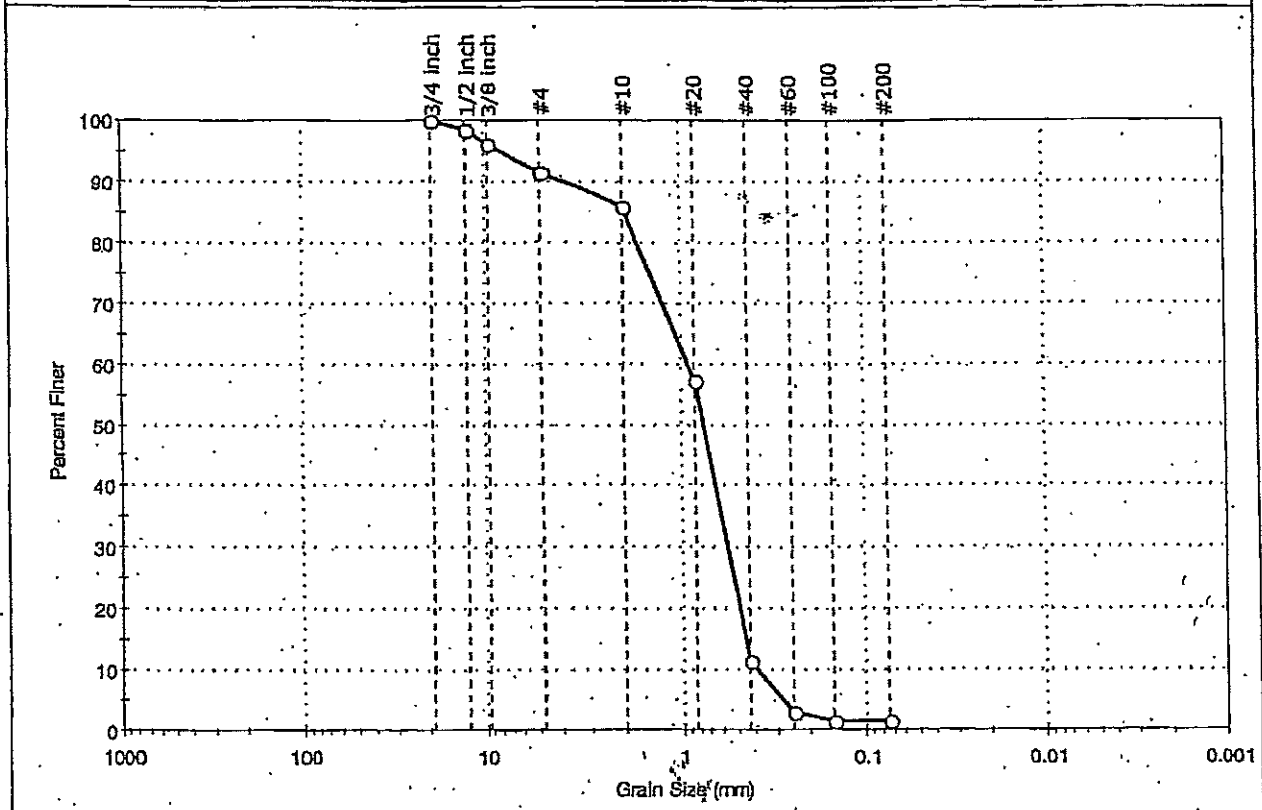
PROPOSED DREDGING PLAN IN CALEB'S CREEK, EDGARTOWN HARBOR
 AT: CALEB'S POND, EDGARTOWN COUNTY OF: DUKES
APPLICATION BY:
 THE TOWN OF EDGARTOWN, MA
DATE: 5/29/98 **SHEET 7 OF**
REV: 11/24/98, 3/17/99

Disposal Area "D"

GeoTesting
express

Client: Edgartown Shellfish Dept.	Project No: GTX-5318
Project: Calebs Pond	Tested By: ahp
Location: Edgartown Harbor	Checked By: jdt
Boring ID: ---	Sample Type: bag
Sample ID: EB-5	Test Date: 06/30/04
Depth: ---	Test Id: 55261
Sample Description: Dry, pale yellow sand	
Sample Comment: ---	
Test Comment: ---	

Particle Size Analysis - ASTM D 422



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	8.4	90.2	1.3

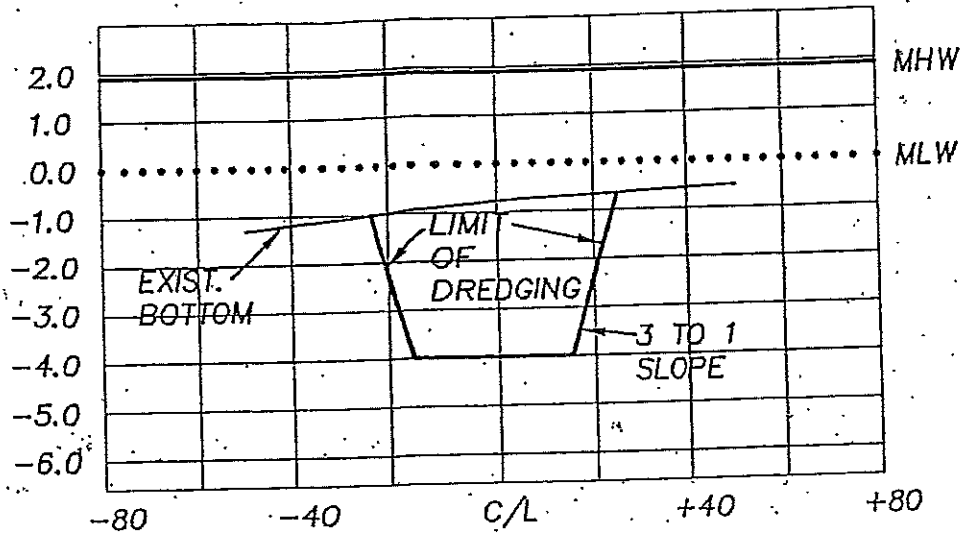
Sieve Name	Sieve Size (mm)	Percent Finer	Spec. Percent	Compliance
3/4 inch	19.00	100		
1/2 inch	12.70	98		
3/8 inch	9.51	96		
#4	4.75	91		
#10	2.00	86		
#20	0.85	57		
#40	0.425	11		
#60	0.25	3		
#100	0.15	1		
#200	0.075	1		

Coefficients	
D ₈₅ = 1.9415 mm	D ₃₀ = 0.5601 mm
D ₆₀ = 0.9110 mm	D ₁₅ = 0.4482 mm
D ₅₀ = 0.7539 mm	D ₁₀ = 0.3891 mm
C _u = 2.341	C _c = 0.344

Classification	
ASTM	Poorly graded sand (SP)
AASHTO	Stone Fragments, Gravel and Sand (A-1-b (0))

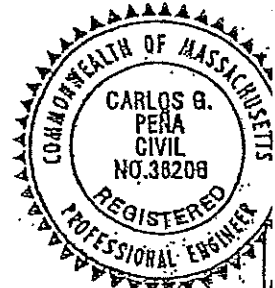
Sample/Test Description	
Sand/Gravel Particle Shape	: ROUNDED
Sand/Gravel Hardness	: HARD
Dispersion Device	: N/A
Dispersion Period	: N/A
Specific Gravity	: 2.65 assumed

Disposal Area cross-section "D"

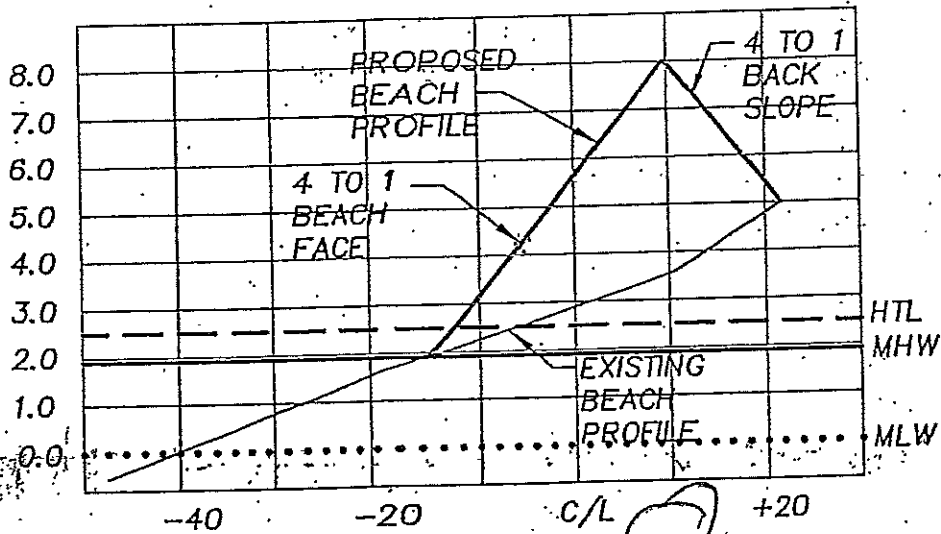


DREDGE CROSS-SECTION
STATION 2+00

SCALE: HORI. 1" = 40'
VERT. 1" = 4'



PERMIT NO. 10128
 Approved by Department of Environmental Protection
 Date:



BEACH CROSS-SECTION D-D
STATION 3+00

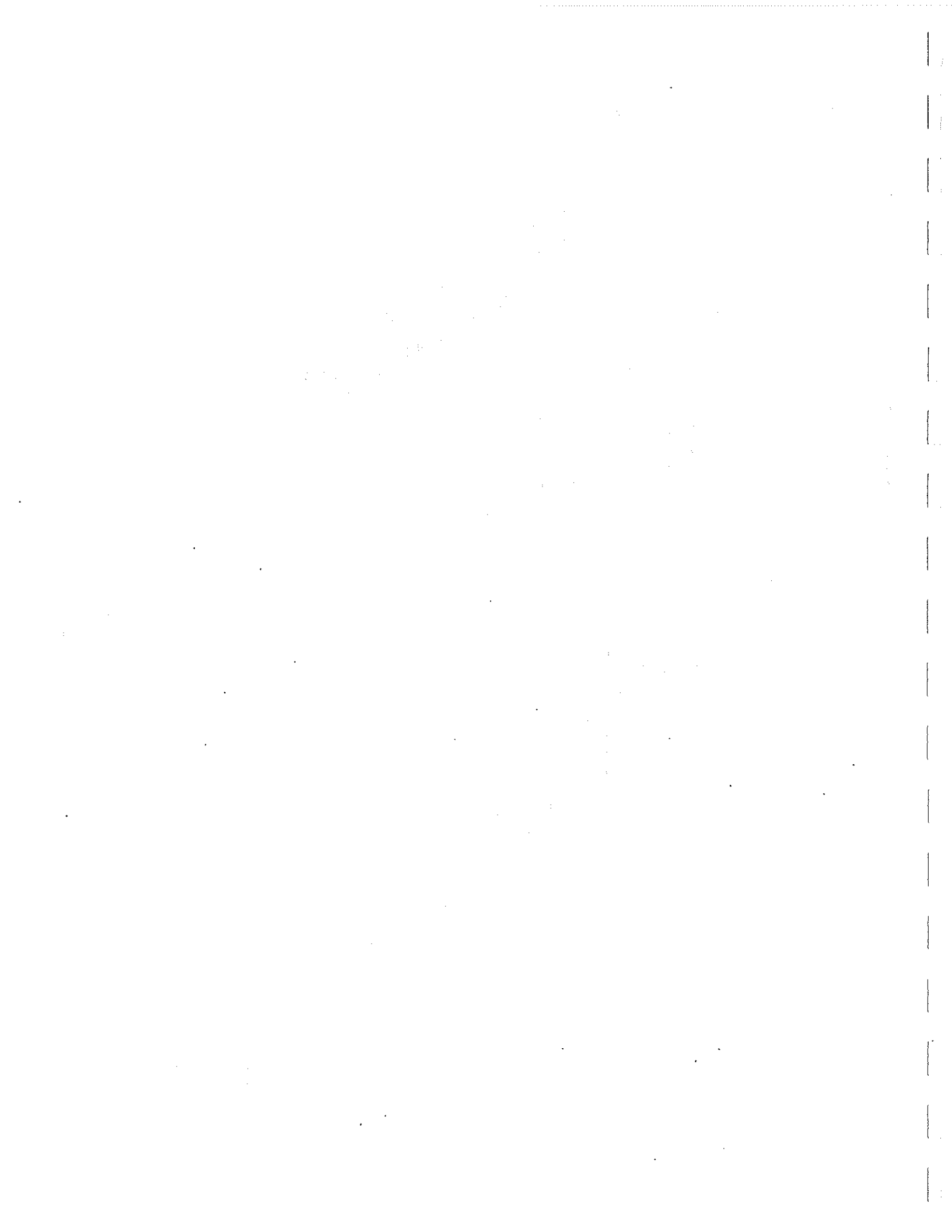
SCALE: HORI. 1" = 20'
VERT. 1" = 4'

PURPOSE: PROPOSED DREDGING
 WILL IMPROVE ACCESS TO
 NAVIGABLE WATERS FROM
 CALEB'S POND.
 DATUM: MLW = 0.0
 MHW = 1.9
 HTL = 2.5
 CLE ENGINEERING, INC.
 15 CREEK RD. MARION, MA 02738

CROSS SECTIONS
 FOR PROPOSED DREDGE
 CHANNEL AND BEACH
 NOURISHMENT **AREA D**

PROPOSED DREDGING PLAN
 CALEB'S CREEK, EDGARTOWN
 HARBOR
 AT: CALEB'S POND, EDGARTOWN
 COUNTY OF: DUKES
 APPLICATION BY:
 THE TOWN OF EDGARTOWN,
 DATE: 5/29/98 SHEET 10.1
 REV: 11/24/98, 3/17/99

Handwritten signature and date: 3/17/99



Area "A" "B" "C" "D" "E"

NOTES:

1. RESULTS OF HYDROGRAPHY FROM SURVEY OF 3-18-97, 3-19-97, AND 4-28-98.
2. SOUNDINGS ARE IN NEGATIVE (-) FEET AND TENTHS, AND REFER TO DEPTHS BELOW MEAN LOW WATER (MLW) = 0.0, MEAN HIGH WATER (MHW) = +1.9'.
3. PROJ. VERT. DATUM IS BM No.1, PK NAIL SET IN TOP OF A CAP LOG AT THE HARBORMASTER'S OFFICE IN EDGARTOWN, MA, ELEV. +6.47 MLW.
4. COORDINATES ARE BASED ON THE LAMBERT GRID SYSTEM FOR THE COMMONWEALTH OF MASS NAD83, AND WERE TAKEN BY CONTROL FURNISHED BY OWNER AND NOT INDEPENDENTLY VERIFIED.
5. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES SHOWN, AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS AT THAT TIME. INTERPOLATED INFORMATION FROM BETWEEN SOUNDINGS RUNS IS NOT GUARANTEED. SHOALS, OBSTRUCTIONS OR OTHER DIFFERING CONDITIONS MAY EXIST BETWEEN THESE RUNS. CONSULT WITH CLE ENGINEERING FOR MORE DETAILED INFORMATION.
6. POSSESSION AND USE OF THE MATERIAL CONTAINED ON THESE DRAWINGS IS GRANTED ONLY IN CONJUNCTION WITH ITS USE AS IT RELATES TO THE TITLED PROJECT. ANY OTHER USE, REPRODUCTION OR DISCLOSURE OF THE INFORMATION CONTAINED HEREIN IS EXPRESSLY PROHIBITED WITHOUT THE WRITTEN CONSENT OF CLE ENGINEERING, INC.
7. DREDGE QUANTITY FOR CHANNEL TO -4' MLW = 8,400 CY ±.
8. DREDGE AREA UNDER OCEAN = 92,000 SF ±.
9. TOTAL BEACH NOURISHMENT AREA (A,B,C,D & E) BETWEEN MHW AND HTL = 14,275 SF ±.
10. TOTAL BEACH NOURISHMENT FILL AREA (A,B,C,D & E) = 124,750 SF ±.
11. TOTAL BEACH NOURISHMENT FILL CAPACITY (A,B,C,D & E) = 8,950 CY ±.

DREDGE AREA COORDINATES:

	NORTHING	EASTING
A	N = 137,120.37	E = 1,639,162.69
B	N = 137,169.05	E = 1,639,489.16
C	N = 137,187.46	E = 1,639,512.85
D	N = 137,405.06	E = 1,639,604.53
E	N = 137,600.51	E = 1,639,796.46
F	N = 137,423.54	E = 1,640,150.64
G	N = 137,437.49	E = 1,640,237.43
H	N = 137,689.27	E = 1,640,381.13
I	N = 137,677.94	E = 1,640,409.19
J	N = 137,410.14	E = 1,640,256.37
K	N = 137,392.39	E = 1,640,145.87
L	N = 137,555.87	E = 1,639,818.68
M	N = 137,551.08	E = 1,639,789.96
N	N = 137,388.13	E = 1,639,629.96
O	N = 137,144.43	E = 1,639,527.28
P	N = 137,087.58	E = 1,639,146.72

SUMMARY OF BEACH NOURISHMENT QUANTITIES:

NOURISHMENT AREA	A	B	C	D	E	UN.
AREA MLW-MHW	12,500	1,400	6,400	0	12,800	s.
AREA MHW-HTL	3,200	325	950	4,100	5,700	s.
AREA ABOVE HTL	8,600	1,175	2,900	14,700	50,000	s.
TOTAL FILL AREA	24,300	2,900	10,250	18,800	68,500	s.
TOTAL FILL CAPACITY	950	80	470	1,550	5,900	c

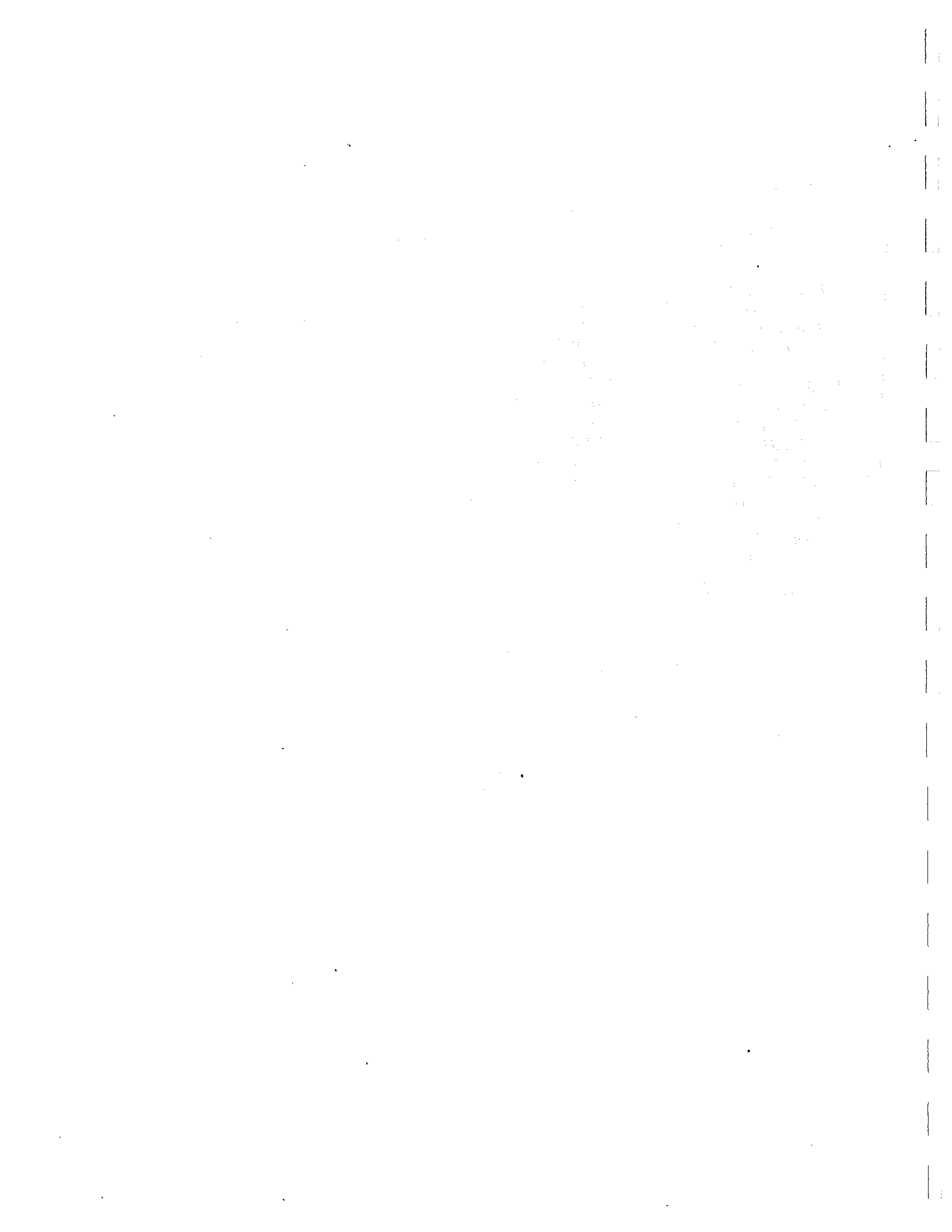
PERMIT NO. 10128

Approved by Department of Environmental Protection
Date:

PURPOSE: PROPOSED DREDGING WILL IMPROVE ACCESS TO NAVIGABLE WATERS FROM CALEB'S POND.
 DATUM: MLW = 0.0
 MHW = 1.9
 HTL = 2.5
 CLE ENGINEERING, INC.
 15 CREEK RD. MARION MA 02738

NOTES AND COORDINATES

PROPOSED DREDGING PLAN I
 CALEB'S CREEK, EDGARTOWN HARBOR
 AT: CALEB'S POND, EDGARTOWN
 COUNTY OF: DUKES
 APPLICATION BY:
 THE TOWN OF EDGARTOWN,
 DATE: 5/29/98 SHEET 12 C
 REV: 11/24/98, 3/17/99, 1/21/00



NOTES:

1. RESULTS OF HYDROGRAPHY FROM SURVEY OF 3-18-97, 3-19-97, AND 4-28-98.
2. SOUNDINGS ARE IN NEGATIVE (-) FEET AND TENTHS, AND REFER TO DEPTHS BELOW MEAN LOW WATER (MLW) = 0.0, MEAN HIGH WATER (MHW) = +1.9'.
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7. DREDGE QUANTITY FOR CHANNEL TO -4' MLW = 8,400 CY ±.
8. DREDGE AREA UNDER OCEAN = 92,000 SF ±.
9. TOTAL BEACH NOURISHMENT AREA (A,B,C,D & E) BETWEEN MHW AND HTL = 14,275 SF ±.
10. TOTAL BEACH NOURISHMENT FILL AREA (A,B,C,D & E) = 124,750 SF ±.
11. TOTAL BEACH NOURISHMENT FILL CAPACITY (A,B,C,D & E) = 8,950 CY ±.

DREDGE AREA COORDINATES:

	NORTHING	EASTING
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B	N = 137,169.05	E = 1,639,489.16
C	N = 137,187.46	E = 1,639,512.85
D	N = 137,405.06	E = 1,639,604.53
E	N = 137,600.51	E = 1,639,796.46
F	N = 137,423.54	E = 1,640,150.64
G	N = 137,437.49	E = 1,640,237.43
H	N = 137,689.27	E = 1,640,381.13
I	N = 137,677.94	E = 1,640,409.19
J	N = 137,410.14	E = 1,640,256.37
K	N = 137,392.39	E = 1,640,145.87
L	N = 137,555.87	E = 1,639,818.68
M	N = 137,551.08	E = 1,639,789.96
N	N = 137,388.13	E = 1,639,629.96
O	N = 137,144.43	E = 1,639,527.28
P	N = 137,087.58	E = 1,639,146.72

SUMMARY OF BEACH NOURISHMENT QUANTITIES:

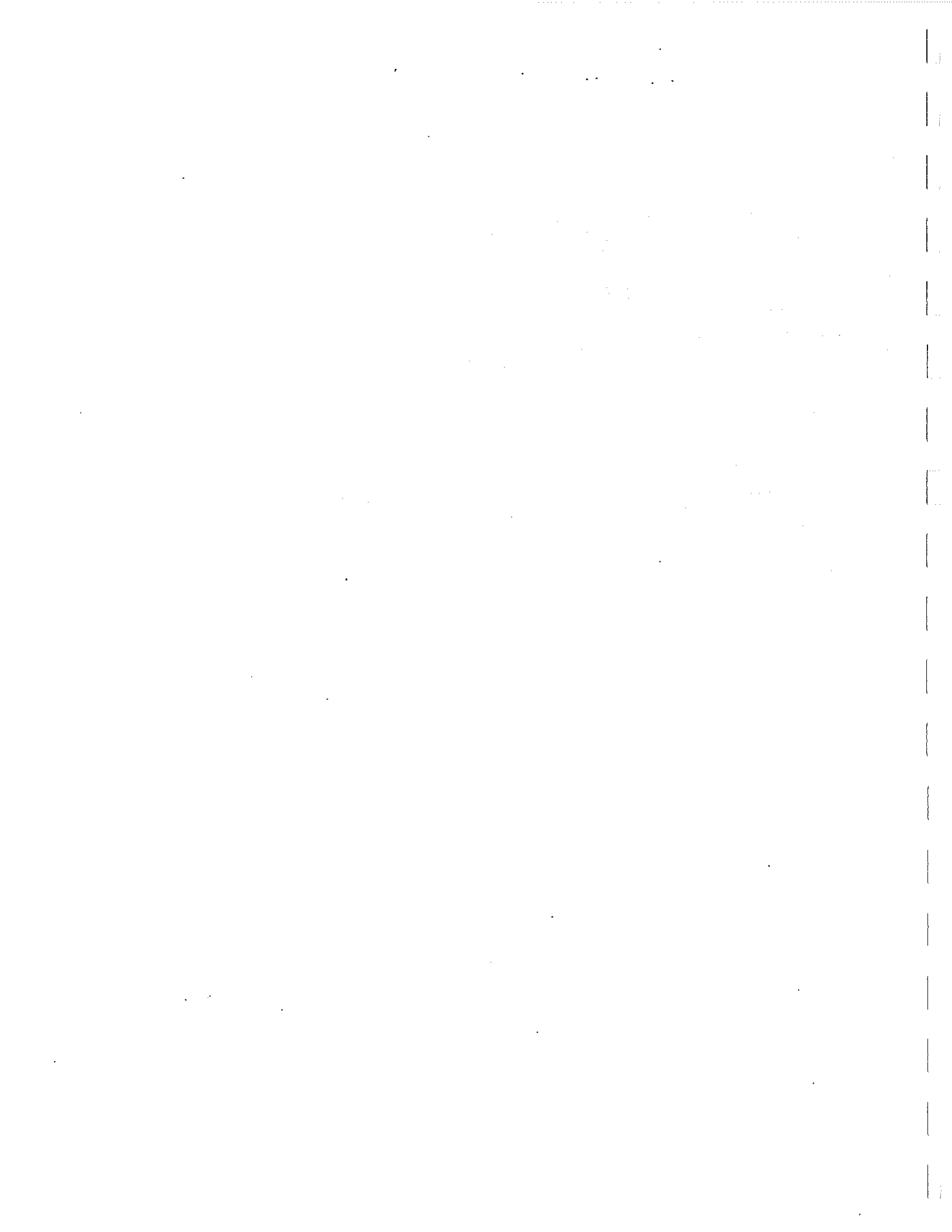
NOURISHMENT AREA	A	B	C	D	E	UNIT
AREA MLW-MHW	12,500	1,400	6,400	0	12,800	s.f.
AREA MHW-HTL	3,200	325	950	4,100	5,700	s.f.
AREA ABOVE HTL	8,600	1,175	2,900	14,700	50,000	s.f.
TOTAL FILL AREA	24,300	2,900	10,250	18,800	68,500	s.f.
TOTAL FILL CAPACITY	950	80	470	1,550	5,900	c.y.

PERMIT NO. 10128
 Approved by Department of Environmental Protection
 Date:

PURPOSE: PROPOSED DREDGING WILL IMPROVE ACCESS TO NAVIGABLE WATERS FROM CALEB'S POND.
 DATUM: MLW = 0.0
 MHW = 1.9
 HTL = 2.5
 CLE ENGINEERING, INC.
 15 CREEK RD. MARION MA 02738

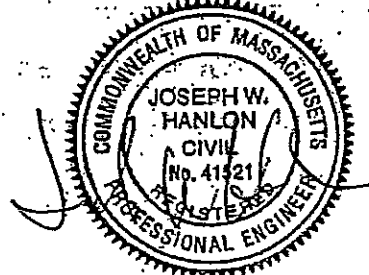
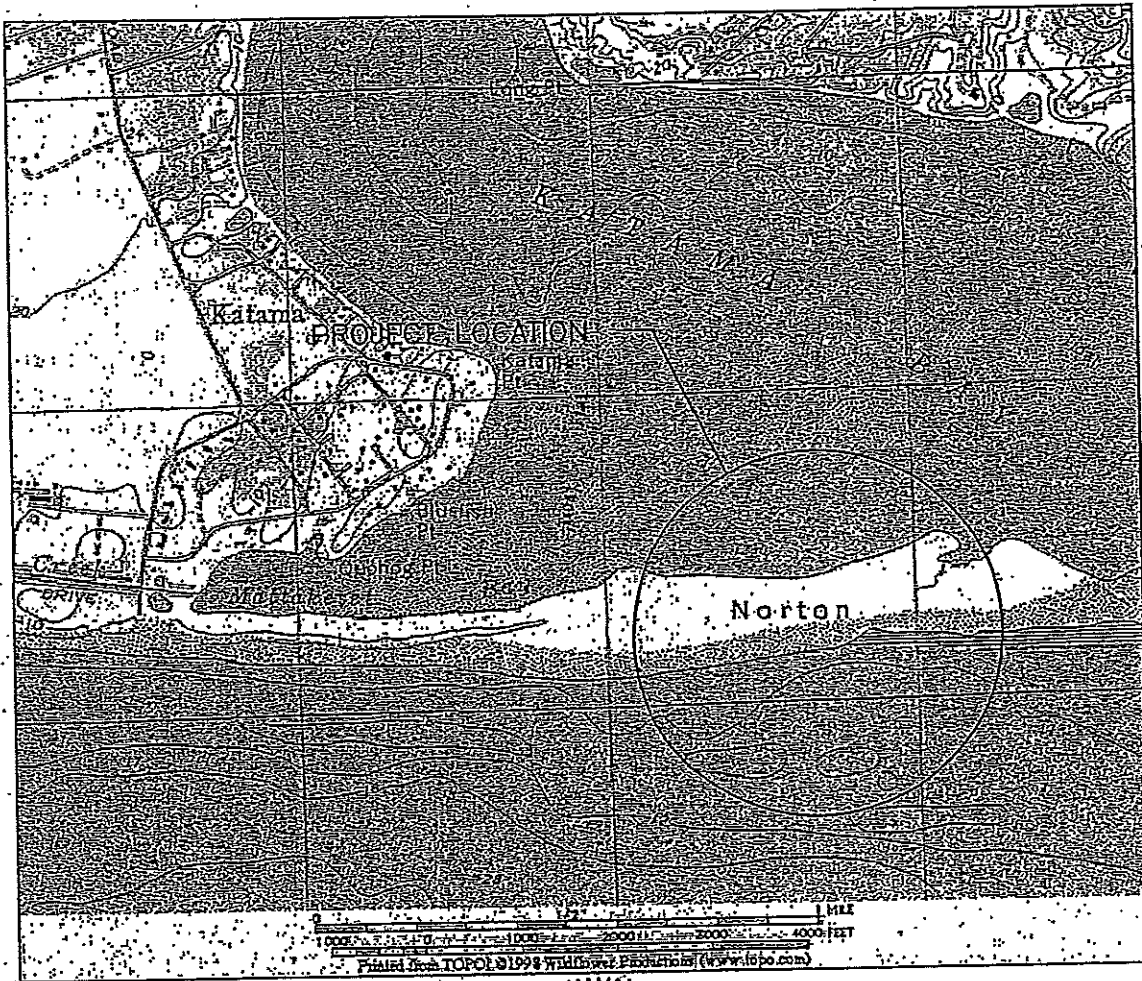
NOTES AND COORDINATES

PROPOSED DREDGING PLAN IN CALEB'S CREEK, EDGARTOWN HARBOR
 AT: CALEB'S POND, EDGARTOWN COUNTY OF: DUKES
 APPLICATION BY:
 THE TOWN OF EDGARTOWN, MA
 DATE: 5/29/98 SHEET 12 OF
 REV: 11/24/98, 3/17/99, 1/21/0




Katama Norton Point Disposal

PERMIT NO. *9869* Katama Channel
 Approved by Department of Environmental Protection
 Date:

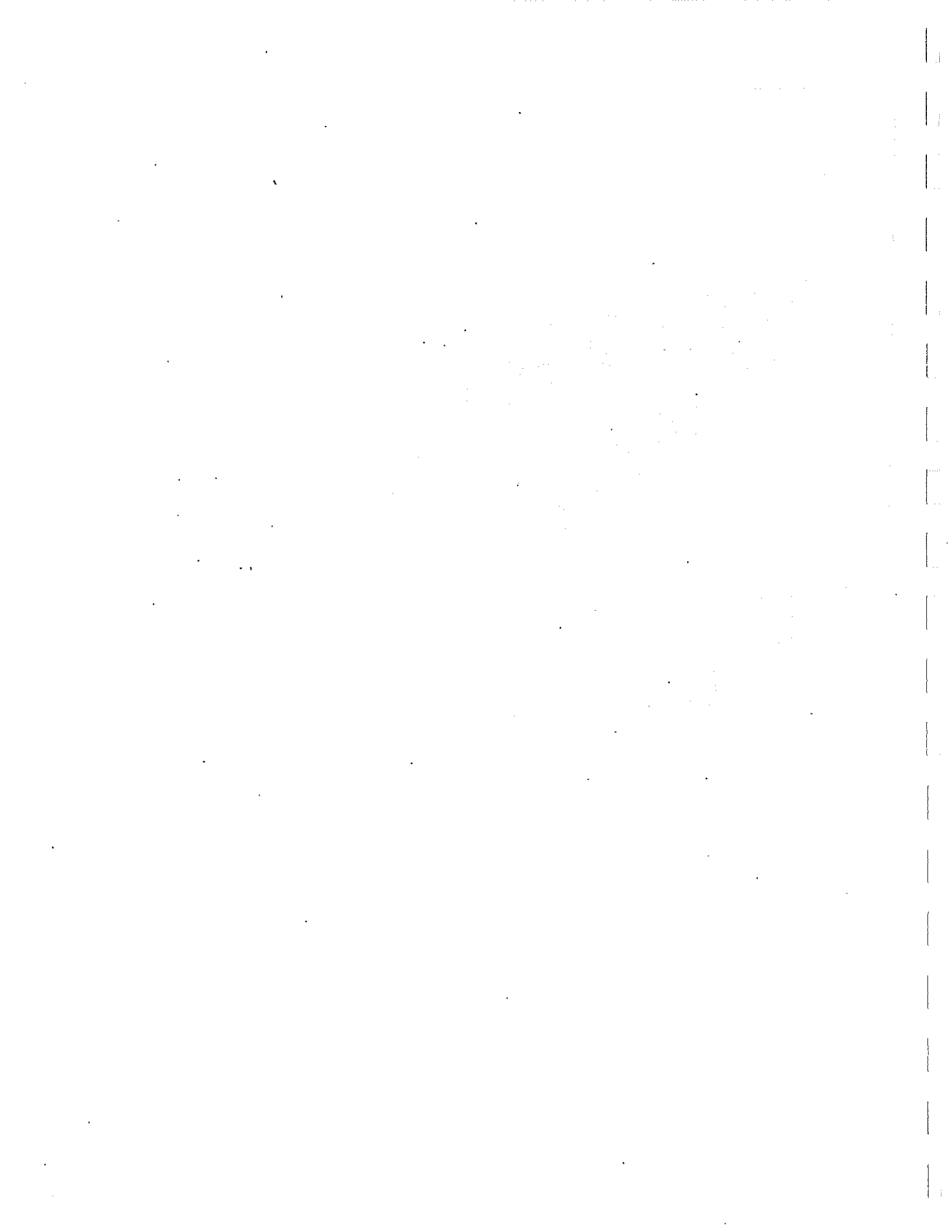


0 2000 4000
 SCALE: 1" = 2000ft.

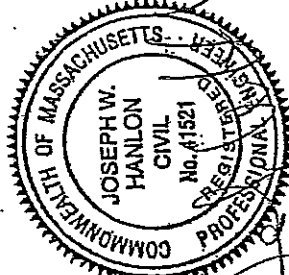
FOR PERMITS ONLY
 REVISED 2/24/03

PURPOSE: BEACH NOURISHMENT	TITLE: LOCUS MAP	APPLICATION BY: TOWN OF EDGARTOWN
100 YR FLOOD 11.0 HTL 2.3 MHW 1.9 NGVD 1.0 MLW 0.0	 <p>BCE Bourne Consulting Engineering 104 Ford Central Street Franklin, MA 01902 TEL (508) 628-4725 FAX (508) 628-8871</p>	IN: EDGARTOWN AT: NORTON BEACH COUNTY: DUKES STATE: MA SHEET 1 OF 5 DATE: 04/04/02

File: X:\22428\NORTON POINT.dwg\Permit Feb03.dwg



Norton Point

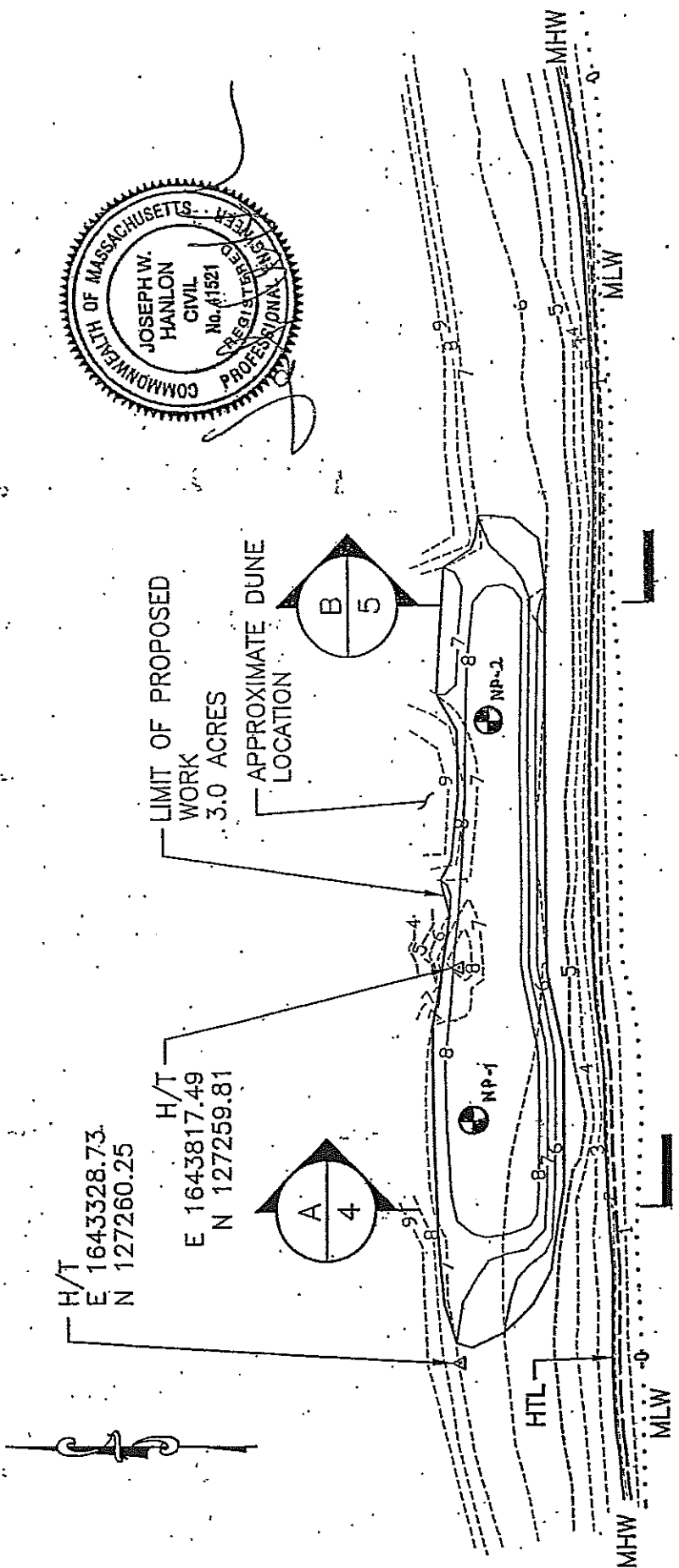
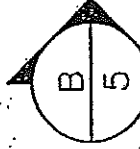


H/T
E 1643328.73
N 127260.25

H/T
E 1643817.49
N 127259.81

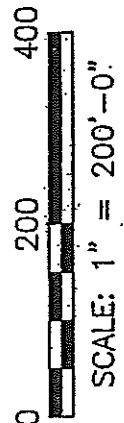
LIMIT OF PROPOSED WORK
3.0 ACRES

APPROXIMATE DUNE LOCATION



VOLUME = 5,000 CY

ATLANTIC OCEAN

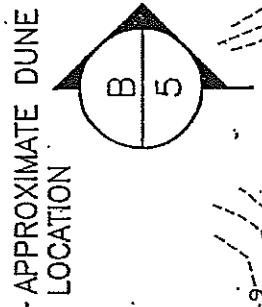
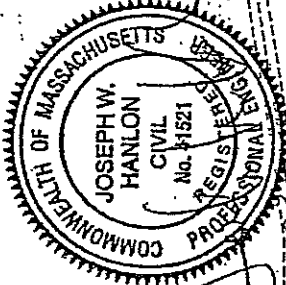
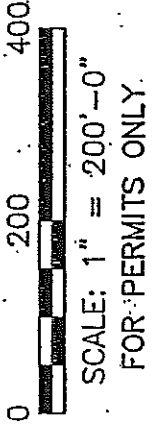


PERMIT NO. 9869
Approved by Department of Environmental Protection
Date:

FOR PERMITS ONLY
REVISED 2/24/03

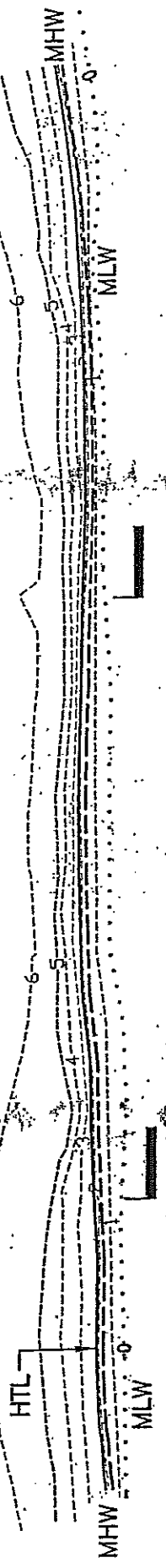
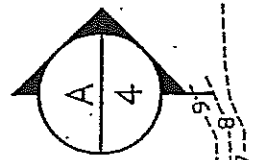
100 YR FLOOD	11.0	NGVD	1.0	TITLE:	PROPOSED CONDITIONS	IN: EDGARTOWN
HTL	2.3	MLW	0.0	PURPOSE:	BEACH NOURISHMENT	AT: NORTON BEACH
MHW	-1.9			APPLICATION BY:	TOWN OF EDGARTOWN	COUNTY: DUKES STATE: MA
				SHEET 3 OF 5		DATE: 04/05/02

Norton Point



H/T
E 1643328.73
N 127260.25

H/T
E 1643817.49
N 127259.81



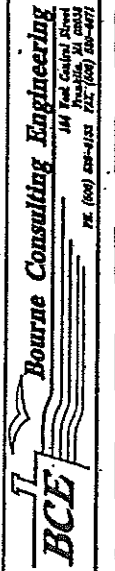
NOTES:

1. HYDROGRAPHIC DATA SHOWN HEREON WAS COLLECTED ON APRIL 4, 2002 BY BOURNE CONSULTING ENGINEERING AND CAN ONLY REFLECT CONDITIONS AS THEY EXISTED DURING THE TIME OF THE SURVEY.
2. COORDINATES ARE BASED ON MASSACHUSETTS STATE PLANE COORDINATE SYSTEM (ISLAND NAD 83) AND ARE EXPRESSED IN FEET.
3. ELEVATIONS ARE SHOWN IN FEET, BASED ON A MEAN LOW WATER DATUM.
4. THE ESTIMATED QUANTITY OF NOURISHMENT AND AREA OF IMPACT IS AS FOLLOWS: AREA: 3.0 ACRES VOLUME: 5,000 CY

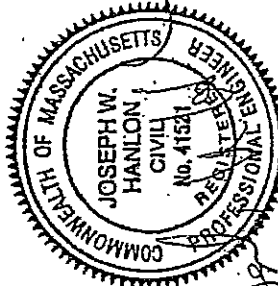
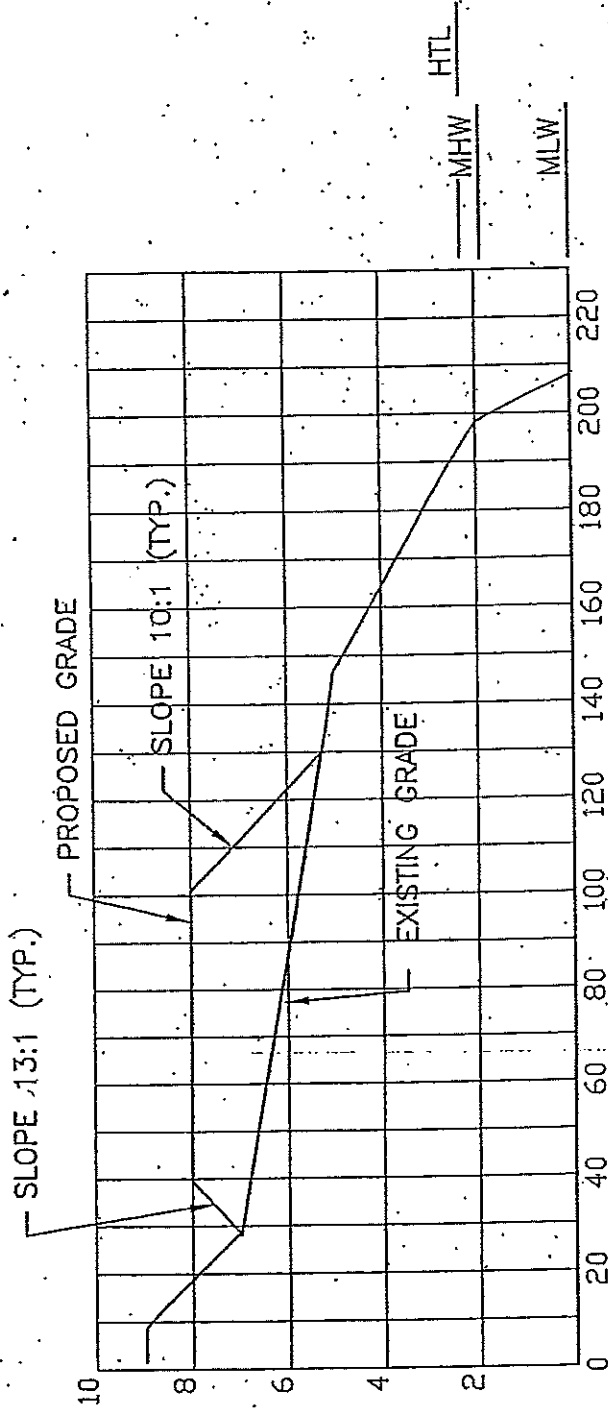
PERMIT NO. 9869
Approved by Department of Environmental Protection
Date:

REVISED 2/24/03

<p>100 YR FLOOD 11.0 NGVD</p> <p>HTL 2.3 MLW</p> <p>MHW 1.9</p>	<p>TITLE:</p> <p>EXISTING CONDITIONS</p>	<p>IN: EDGARTOWN</p> <p>AT: NORTON BEACH</p> <p>COUNTY: DUKES STATE: MA</p>
<p>PURPOSE:</p> <p>BEACH NOURISHMENT</p>	<p>APPLICATION BY:</p> <p>TOWN OF EDGARTOWN</p>	<p>SHEET 2 OF 5</p> <p>DATE: 04/05/02</p>



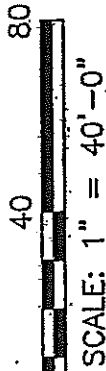
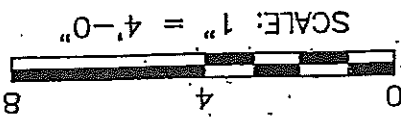
Norton Point



CROSS SECTION



HORIZONTAL SCALE: 1" = 40' - 0"
 VERTICAL SCALE: 1" = 4' - 0"

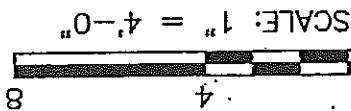
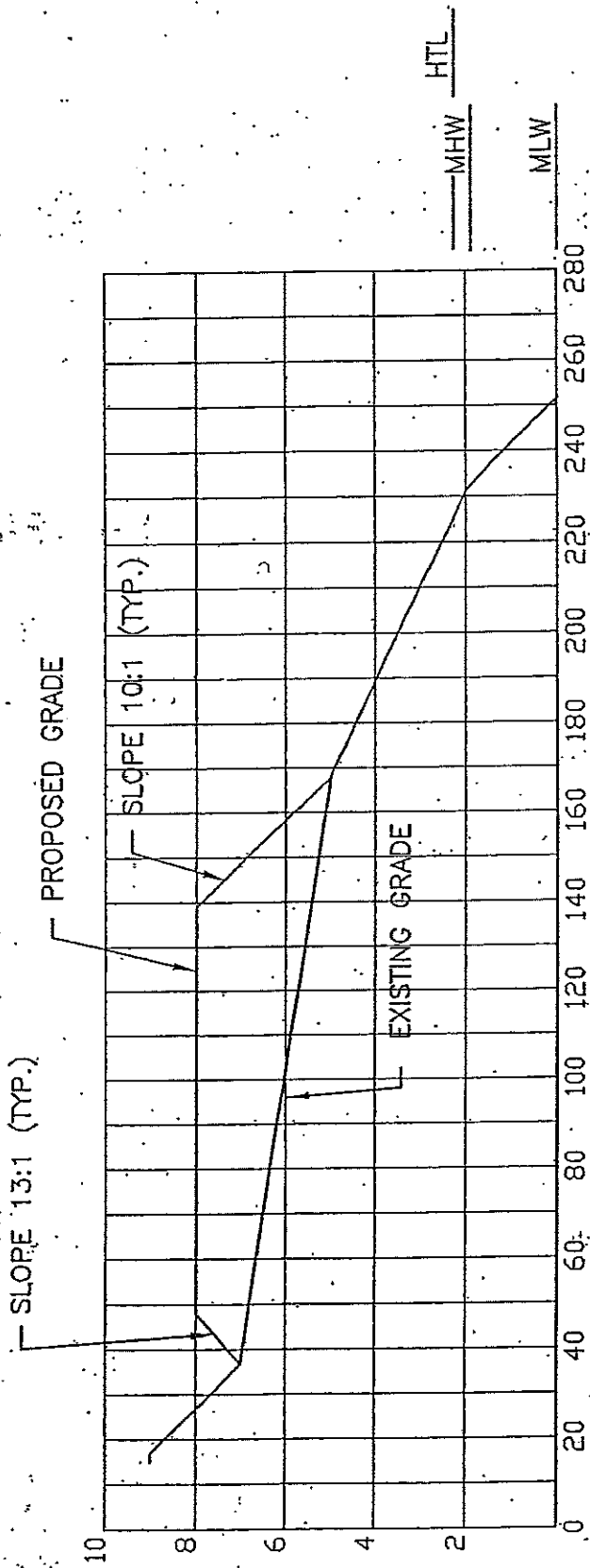


PERMIT NO. 9869
 Approved by Department of Environmental Protection
 Date:

FOR PERMITS ONLY
 REVISED 2/24/03

100 YR FLOOD	11.0	NGVD	1.0	TITLE:	SECTION B
HTL	2.3	MLW	0.0	IN: EDGARTOWN	AT: NORTON BEACH
MHW	1.9			COUNTY: DUKES	STATE: MA
				SHEET 5 OF 5 DATE: 04/05/02	
PURPOSE: BEACH NOURISHMENT				APPLICATION BY: TOWN OF EDGARTOWN	

Norton Point



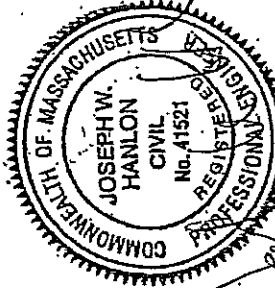
CROSS SECTION



HORIZONTAL SCALE: 1" = 40' - 0"
 VERTICAL SCALE: 1" = 4' - 0"

PERMIT NO. 9869

Approved by Department of Environmental Protection
 Date:



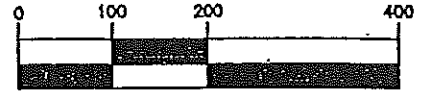
FOR PERMITS ONLY
 REVISED 2/24/03

100 YR FLOOD	11.0	NGVD	1.0	TITLE:	SECTION A	IN: EDGARTOWN
HTL	2.3	MLW	0.0			AT: NORTON BEACH
MHW	1.9			PURPOSE:	BEACH NOURISHMENT	COUNTY: DUKES
					APPLICATION BY:	STATE: MA
					TOWN OF EDGARTOWN	
						SHEET 4 OF 5
						DATE: 04/05/02

BCE Bourne Consulting Engineering
 141 West Central Street
 Bourne, MA 01909
 Tel: (508) 834-4158 Fax: (508) 834-4077

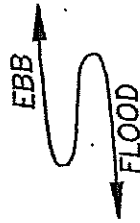
Worton Point Disposal

PLAN VIEW BEACH NOURISHMENT AREA



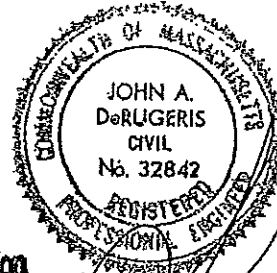
SCALE 1" = 200'

MATTAKESET BAY



APPROXIMATE
MEAN HIGH
WATER LINE
EL. = 1.9' MLW

PERMIT NO. 359 Katama BR
Approved by Department of Environmental Protection
Date: OCT 01 1998



John A. DeRuggeris
8-8-98

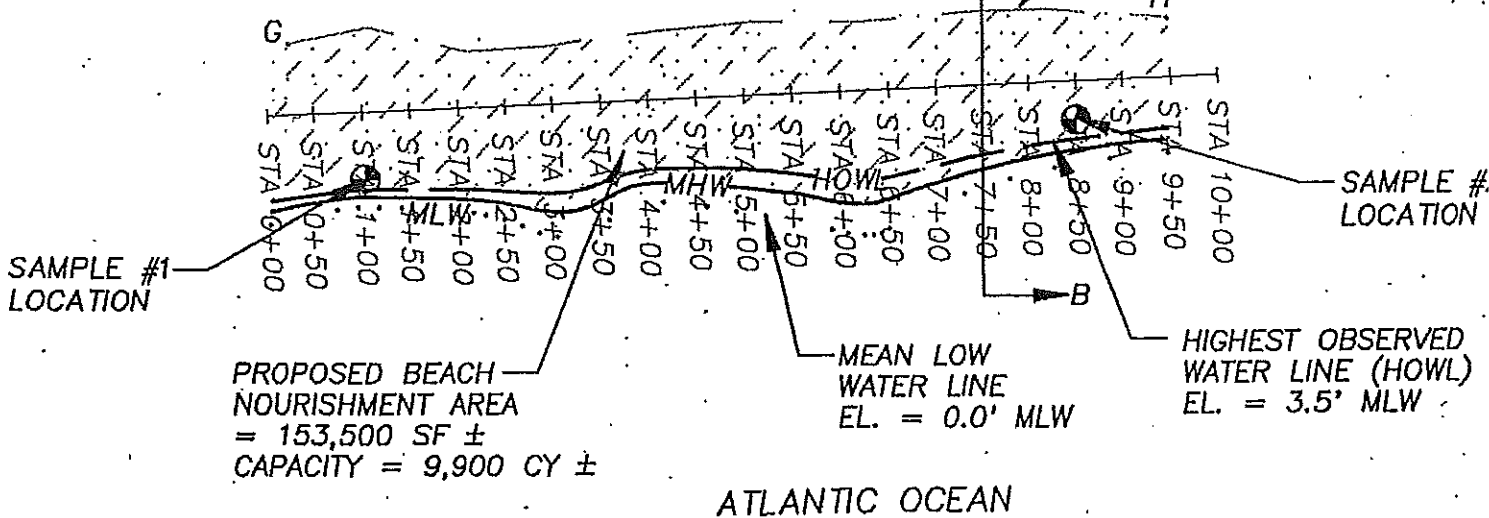
N

B.M. PT. A
(STAKE)
N = 127,286.51
E = 1,641,089.93
EL. = 4.2' MLW

MAP 51
LOT 49
COUNTY OF
DUKES COUNTY

15' WIDE ACCESS ROAD

EXISTING SNOW FENCE



PROPOSED BEACH
NOURISHMENT AREA
= 153,500 SF ±
CAPACITY = 9,900 CY ±

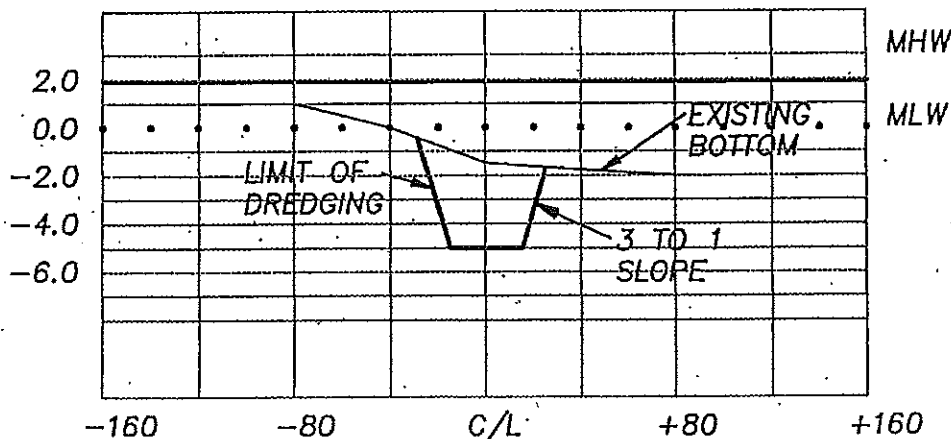
ATLANTIC OCEAN

PURPOSE: PROPOSED DREDGING
WILL IMPROVE ACCESS TO
NAVIGABLE WATERS FROM THE
KATAMA BOAT RAMP
DATUM: MLW = 0.0
MHW = 1.9
HTL = 2.3
CLE ENGINEERING, INC.
15 CREEK RD. MARION MA 02738

PLAN VIEW OF
PROPOSED DISPOSAL SITE/
BEACH NOURISHMENT AREA

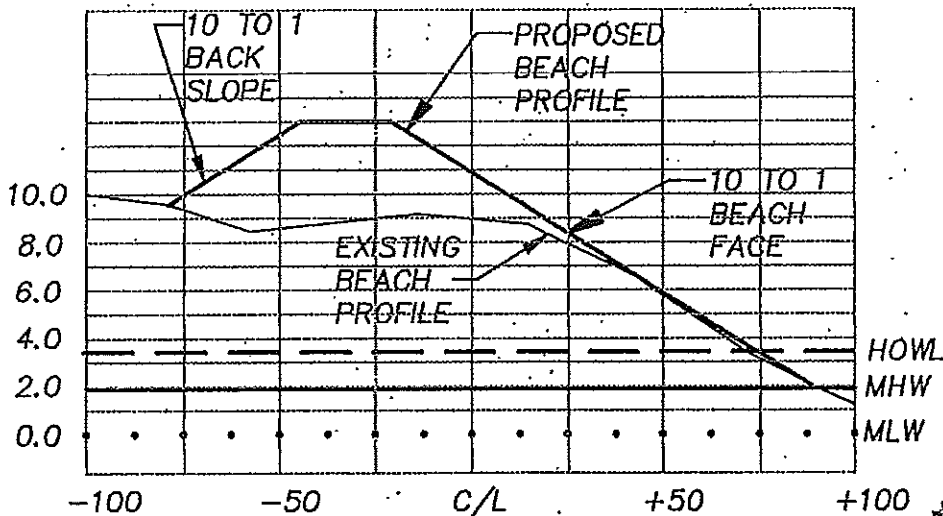
PROPOSED DREDGING PLAN IN
KATAMA BAY, EDGARTOWN HARBOUR
AT: KATAMA BOAT RAMP
COUNTY OF: DUKES
APPLICATION BY: THE TOWN
OF EDGARTOWN, MA
DATE: 5/26/98 SHEET 5 OF 7
REV: 7/8/98

Norton Point



DREDGE CROSS-SECTION A-A
STATION 7+00

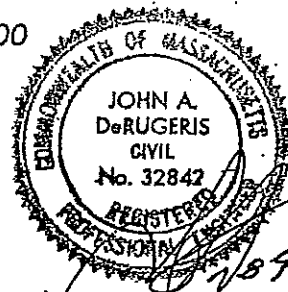
SCALE: HORI. 1" = 80'
VERT. 1" = 8'



BEACH CROSS-SECTION B-B
STATION 7+50

SCALE: HORI. 1" = 50'
VERT. 1" = 8'

Norton Point Beach



PERMIT NO. 359
Approved by Department of Environmental Protection

Date: OCT 01 1998

PURPOSE: PROPOSED DREDGING WILL IMPROVE ACCESS TO NAVIGABLE WATERS FROM THE KATAMA BOAT RAMP

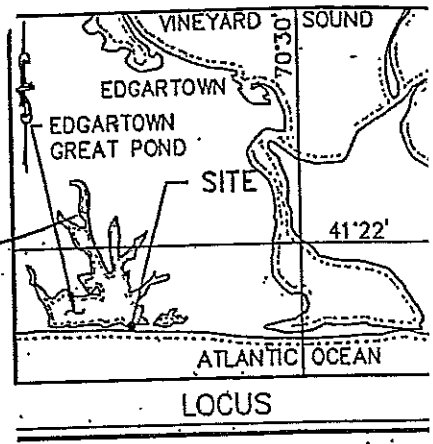
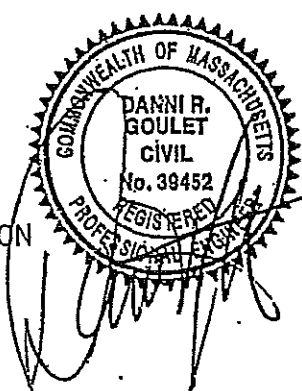
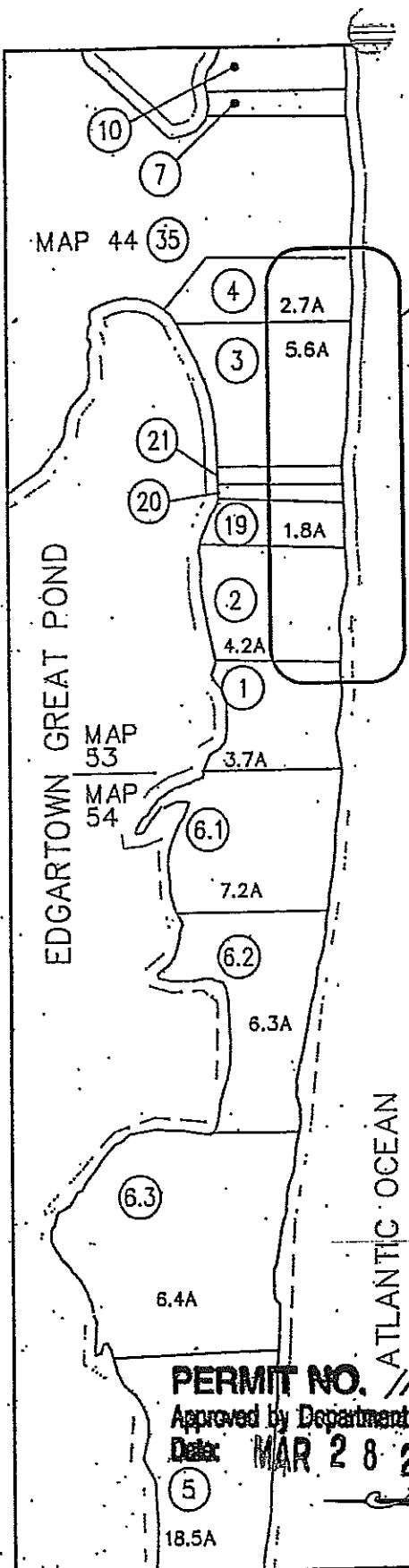
DATUM: MLW = 0.0
MHW = 1.9
HTL = 2.3

CLE ENGINEERING, INC.
15 CREEK RD. MARION, MA 02738

CROSS-SECTIONS FOR PROPOSED DREDGE AREA AND BEACH NOURISHMENT AREA

PROPOSED DREDGING PLAN IN KATAMA BAY, EDGARTOWN HARBOR AT: KATAMA BOAT RAMP COUNTY OF: DUKES APPLICATION BY: THE TOWN OF EDGARTOWN, MA DATE: 5/26/98 SHEET 6 OF 7 REV: 7/8/98

South Beach Disposal



LOCATION

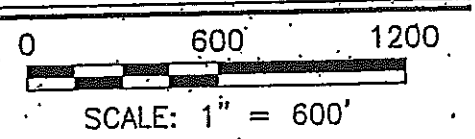
LAND OWNER:
 MAP 44:
 LOT 35: HERRING CREEK FARM TRUST
 CARE OF GID ASSISTANT CONTROLLER

LAND OWNER:
 MAP 53:
 LOT 1: WILCOX, SHIRLEY
 RFD 477, VINEYARD HAVEN, MA
 LOT 2: MARTHA'S VINEYARD LAND BANK
 P.O. BOX 2057, EDGARTOWN, MA 02539
 LOT 3: ROSA BETH MOSS & MARQUAND JANE
 6 CHANNY PLACE, CAMBRIDGE, MA 02138
 LOT 4: R.A. BROWN ENTERPRISE, INC.
 RFD 300A, EDGARTOWN, MA 02539
 LOT 7: HERRING CREEK FARM TRUST
 CARE OF GID ASSISTANT CONTROLLER
 600 ATLANTIC AVE., SUITE 2,000
 BOSTON, MA 02210
 LOT 10: BARBARA J. PAYNE TRS.
 HERRING CREEK FARM TRUST
 LOT 19: MARTHA'S VINEYARD LAND BANK
 P.O. BOX 2057, EDGARTOWN, MA 02539
 LOT 20: O'CONNOR, ANTHONY
 1158 FIFTH AVE., NY, NY 10029
 LOT 21: BURK, KATHERINE
 OFF SLOUGH COVE ROAD, EDGARTOWN, MA 02539

SOURCE: EDGARTOWN ASSESSORS
 MAP 44, 53 & 54, JAN, 1997

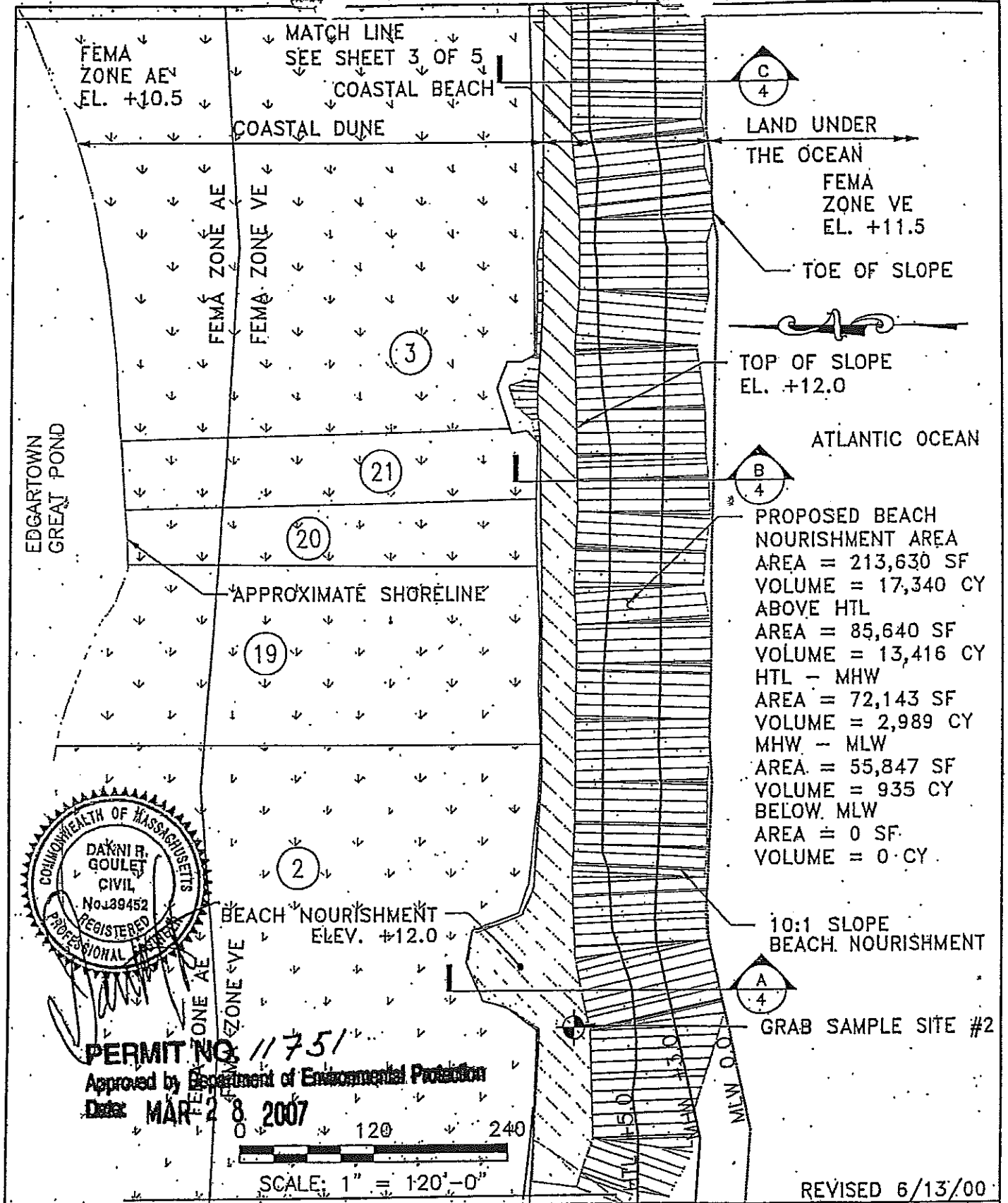
PERMIT NO. 11751
 Approved by Department of Environmental Protection
 Date: **MAR 28 2007**

SITE PLAN



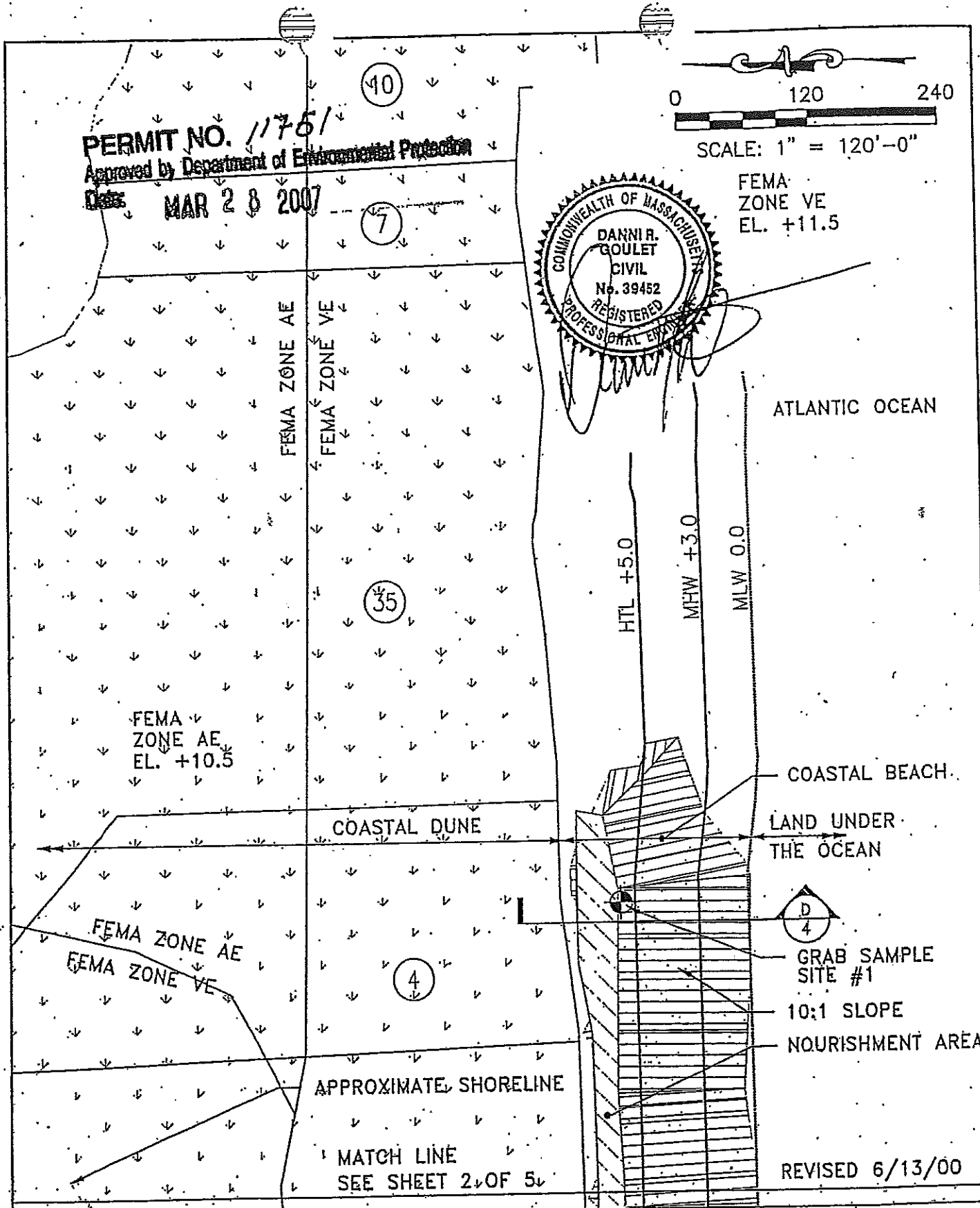
PURPOSE: BEACH NOURISHMENT	TITLE: LOCUS PLAN	APPLICATION BY: TOWN OF EDGARTOWN
100' YR FLOOD +11.5 +5.0	17	IN: EDGARTOWN GREAT POND AT: SOUTH BEACH

South Beach Disposal



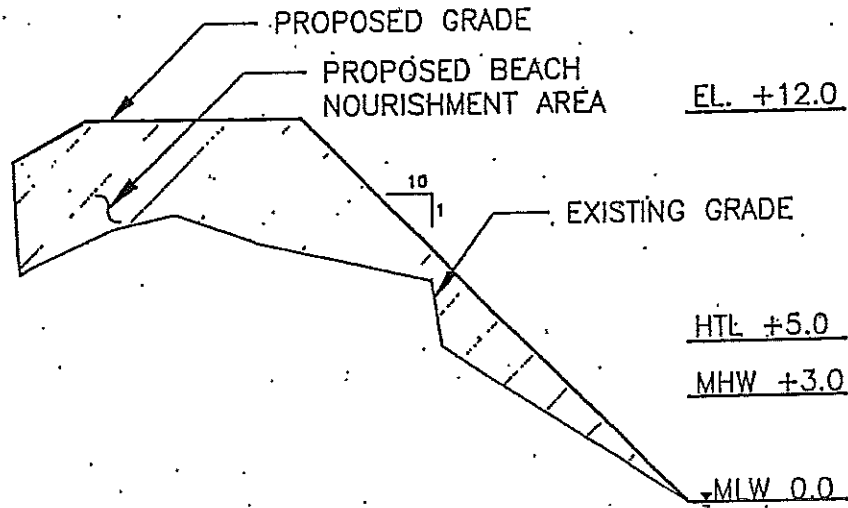
PURPOSE: BEACH NOURISHMENT	TITLE: SITE PLAN	APPLICATION BY: TOWN OF EDGARTOWN
100 YR FLOOD HTL +11.5 +5.0		IN: ATLANTIC OCEAN AT: SOUTH BEACH

South Beach - Dispos



PURPOSE: BEACH NOURISHMENT	TITLE: SITE PLAN	APPLICATION BY: TOWN OF EDGARTOWN
100 YR FLOOD +11.5		IN: ATLANTIC OCEAN AT SOUTH BEACH

South Beach Disposal

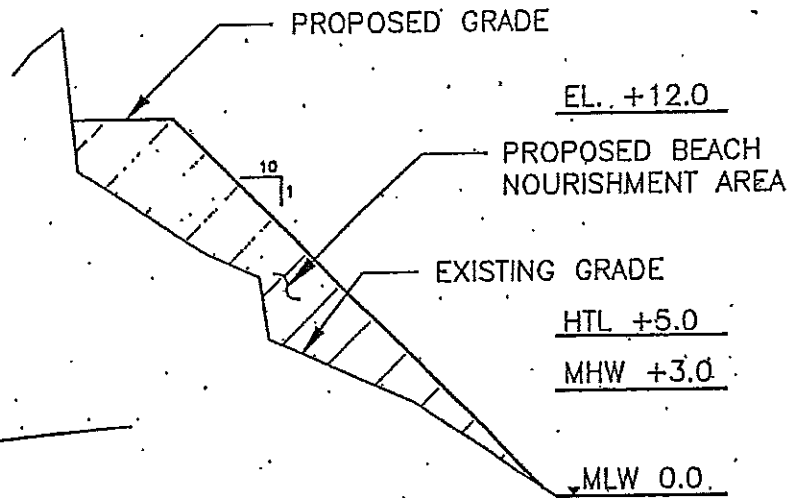


BEACH NOURISHMENT SECTION

A
4

VERTICAL SCALE: 1" = 6'-0"
HORIZONTAL SCALE: 1" = 60'-0"

PERMIT NO. 11751
Approved by Department of Environmental Protection
Date: **MAR 28 2007**

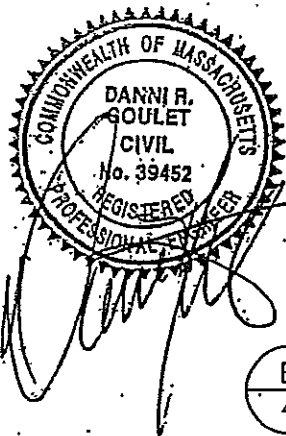


BEACH NOURISHMENT SECTION

B
4

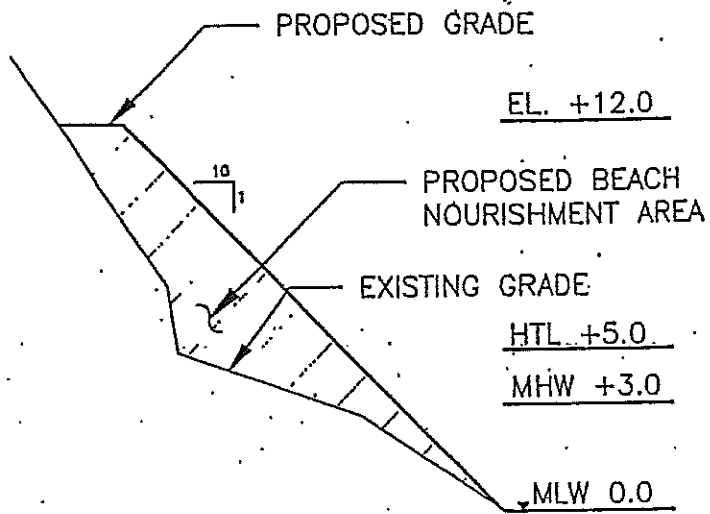
VERTICAL SCALE: 1" = 6'-0"
HORIZONTAL SCALE: 1" = 60'-0"

REVISED 5/31/00



PURPOSE: BEACH NOURISHMENT	TITLE: BEACH NOURISHMENT SECTIONS	APPLICATION BY: TOWN OF EDGARTOWN
100 YR FLOOD HTL +11.5 MLW +5.0		IN: ATLANTIC OCEAN AT: SOUTH BEACH

South Beach Disposal

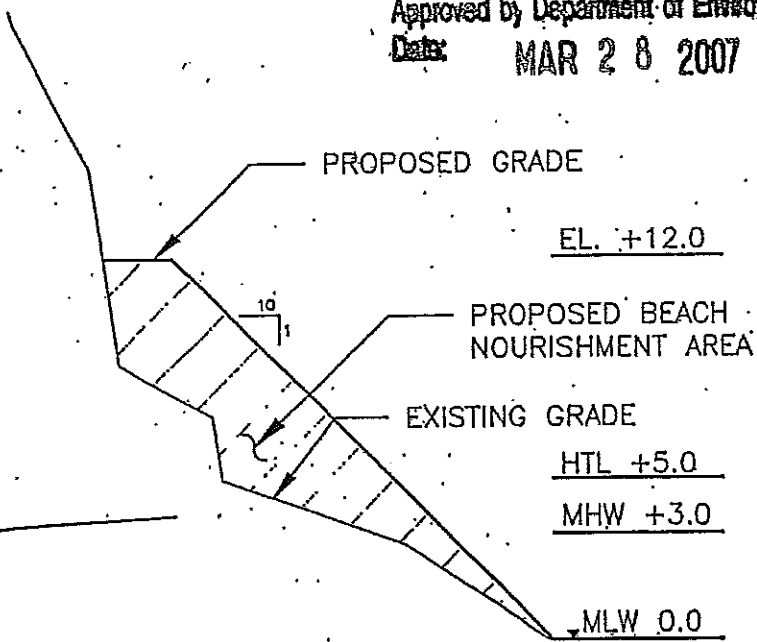


BEACH NOURISHMENT SECTION

C
4

VERTICAL SCALE: 1" = 6'-0"
HORIZONTAL SCALE: 1" = 60'-0"

PERMIT NO. 11751
Approved by Department of Environmental Protection
Date: **MAR 28 2007**

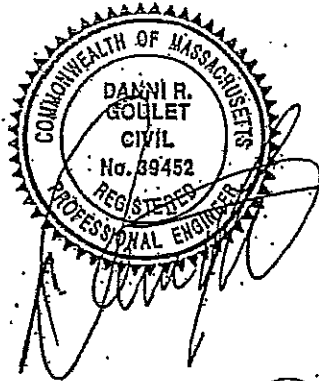


BEACH NOURISHMENT SECTION

D
4

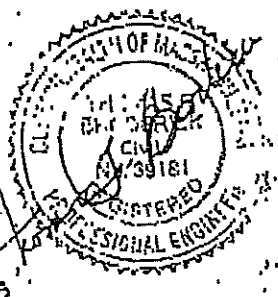
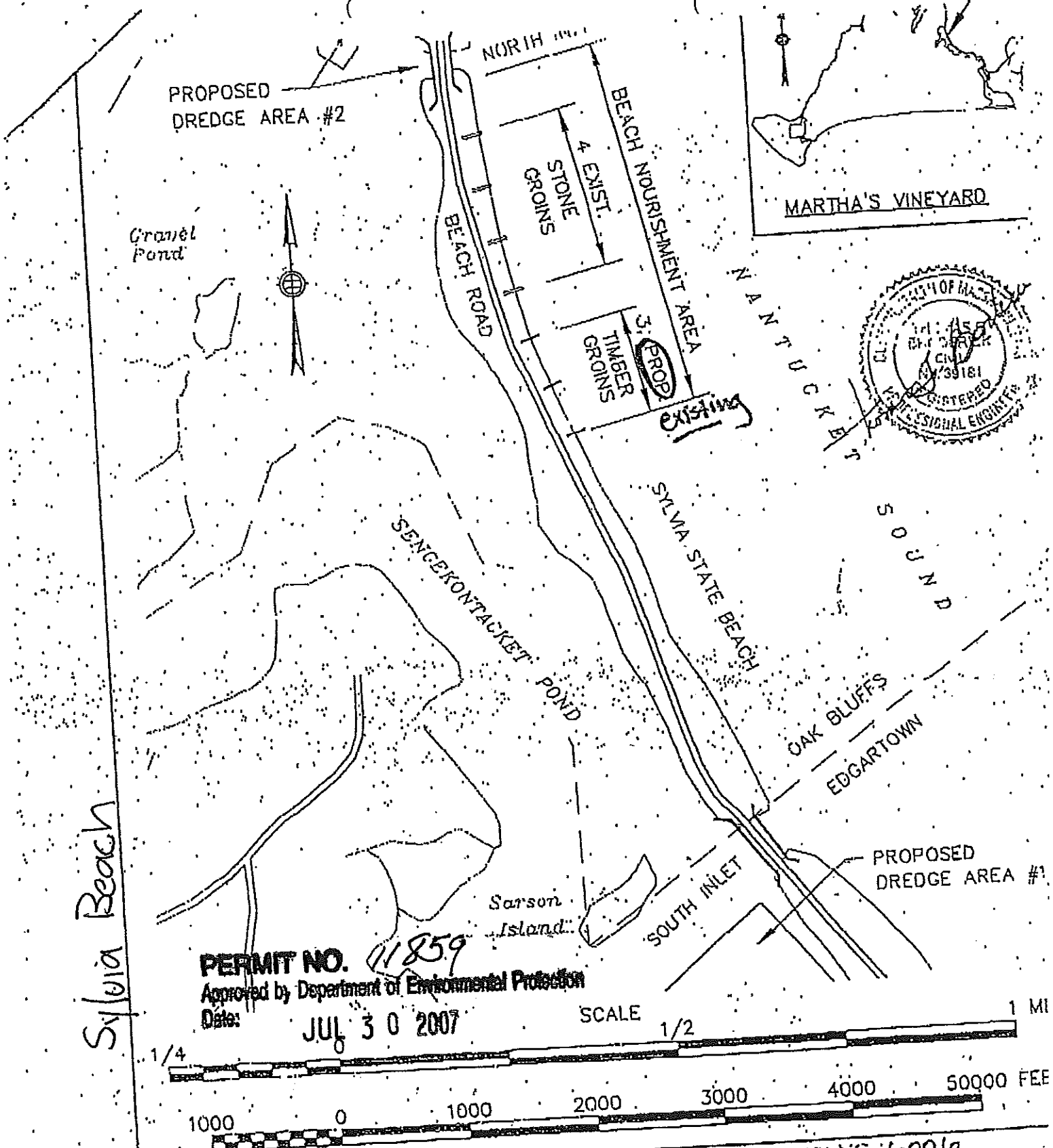
VERTICAL SCALE: 1" = 6'-0"
HORIZONTAL SCALE: 1" = 60'-0"

REVISED 5/31/00

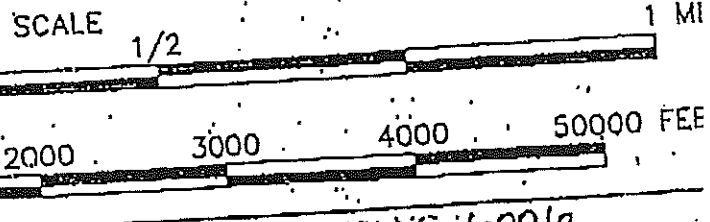


PURPOSE: BEACH NOURISHMENT	TITLE: BEACH NOURISHMENT SECTIONS	APPLICATION BY: TOWN OF EDGARTOWN
100 YR FLOOD HTL: +11.5 HTL: +5.0		IN: ATLANTIC OCEAN AT: SOUTH BEACH





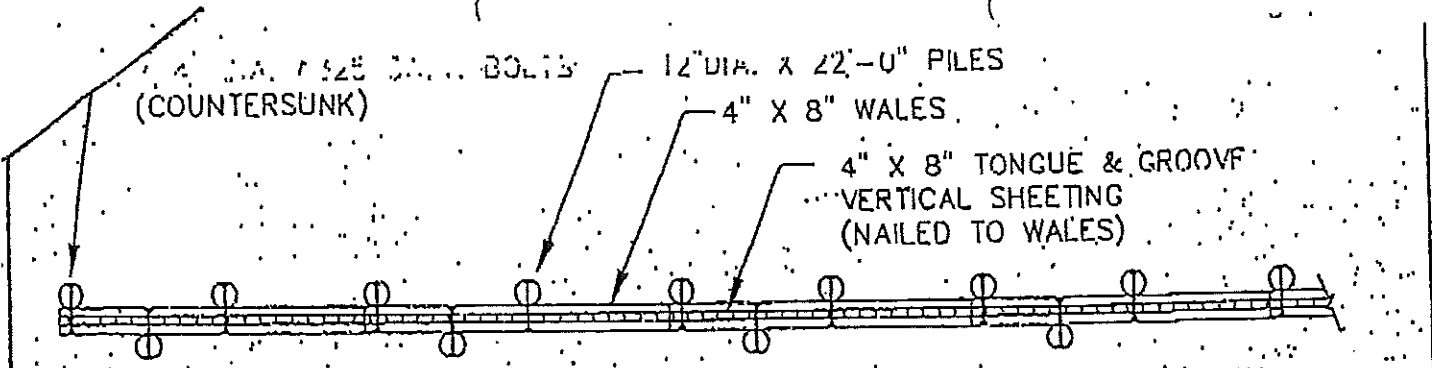
PERMIT NO. 11859
 Approved by Department of Environmental Protection
 Date: **JUL 30 2007**



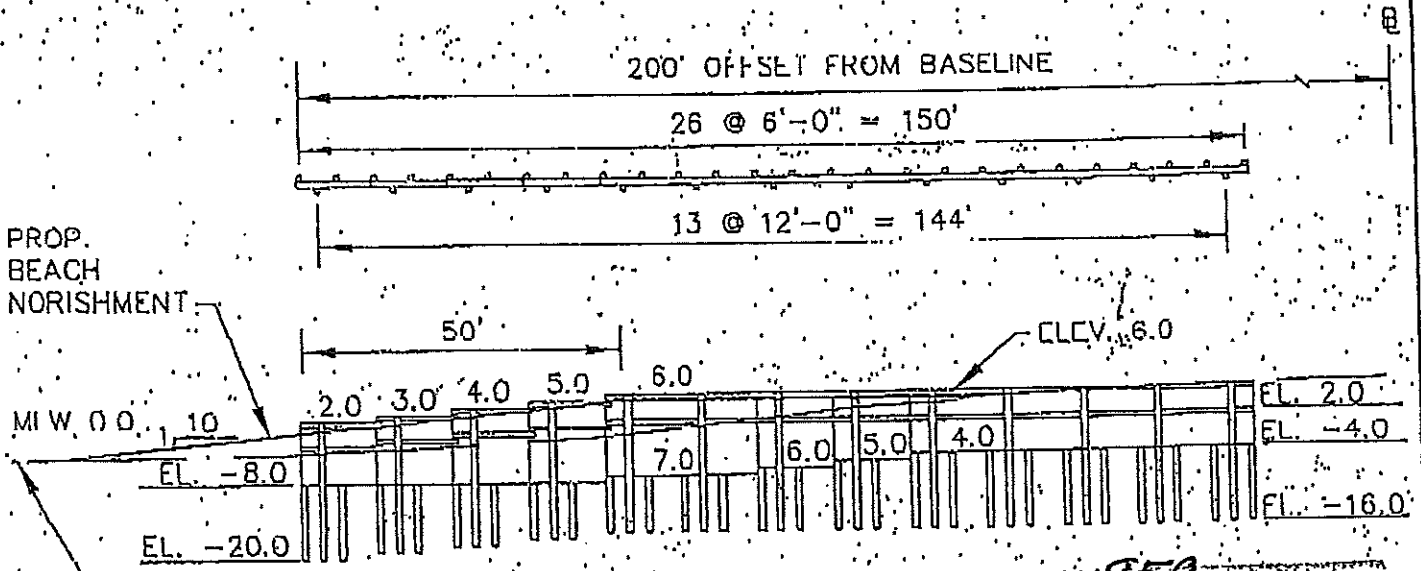
Sylva Beach

Plans Accompanying Petition of the
 Massachusetts Highway Department
 for
 Waterways License

APPROVED BY: *[Signature]*
 OCT 09 1996
 DIVISION OF HIGHWAYS
 INSPECTOR IN CHIEF



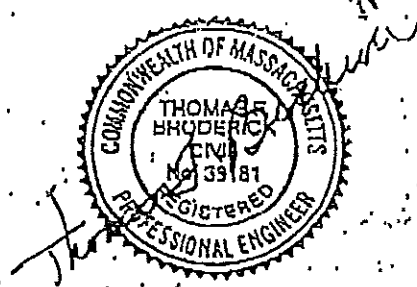
PLAN
(NOT TO SCALE)



PERMIT NO. 11859
 Approved by Department of Environmental Protection
 Date: **JUL 30 2007**

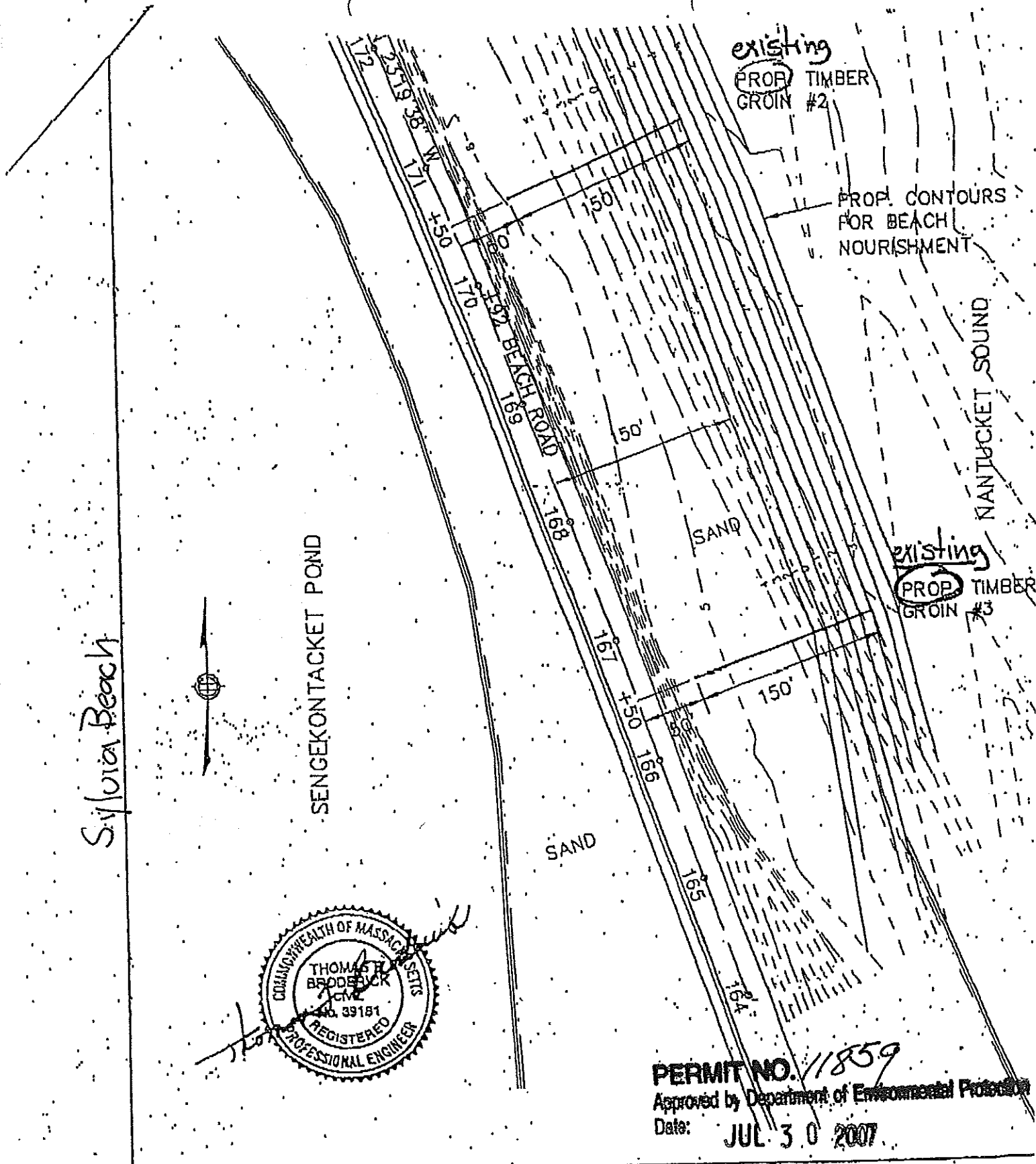
ELEVATION
 (TYPICAL FOR ALL PROPOSED GROINS)
 SCALE 1" = 30' existing

- NOTE: 1. ALL WOOD MATERIAL SHALL BE SOUTHERN PINE GRADE #1 DENSE OR EQUAL, PRESSURE TREATED.
2. ANCHOR BOLTS, NUTS AND WASHERS SHALL BE AASHTO M164 (ASTM A325) HIGH STRENGTH (ALL MATERIAL SHALL BE GALVANIZED).
3. MEAN HIGH WATER (MHW) = EL. 1.7
 MEAN LOW WATER (MLW) = EL. 0.0



Plans Accompanying Petition of the
 Massachusetts Highway Department
 for
 Waterways License.

SEE PLAN NO. 6006
 Approved by Department of Environmental Protection
 Date: **OCT 00 1996**



Sylvia Beach



SENGEKONTACKET POND

BEACH ROAD

NANTUCKET SOUND

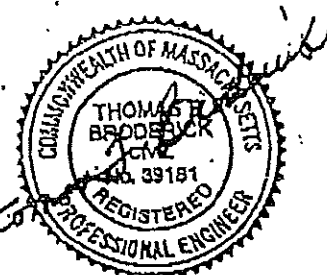
existing
PROF. TIMBER
GROIN #2

PROF. CONTOURS
FOR BEACH
NOURISHMENT

existing
PROF. TIMBER
GROIN #3

SAND

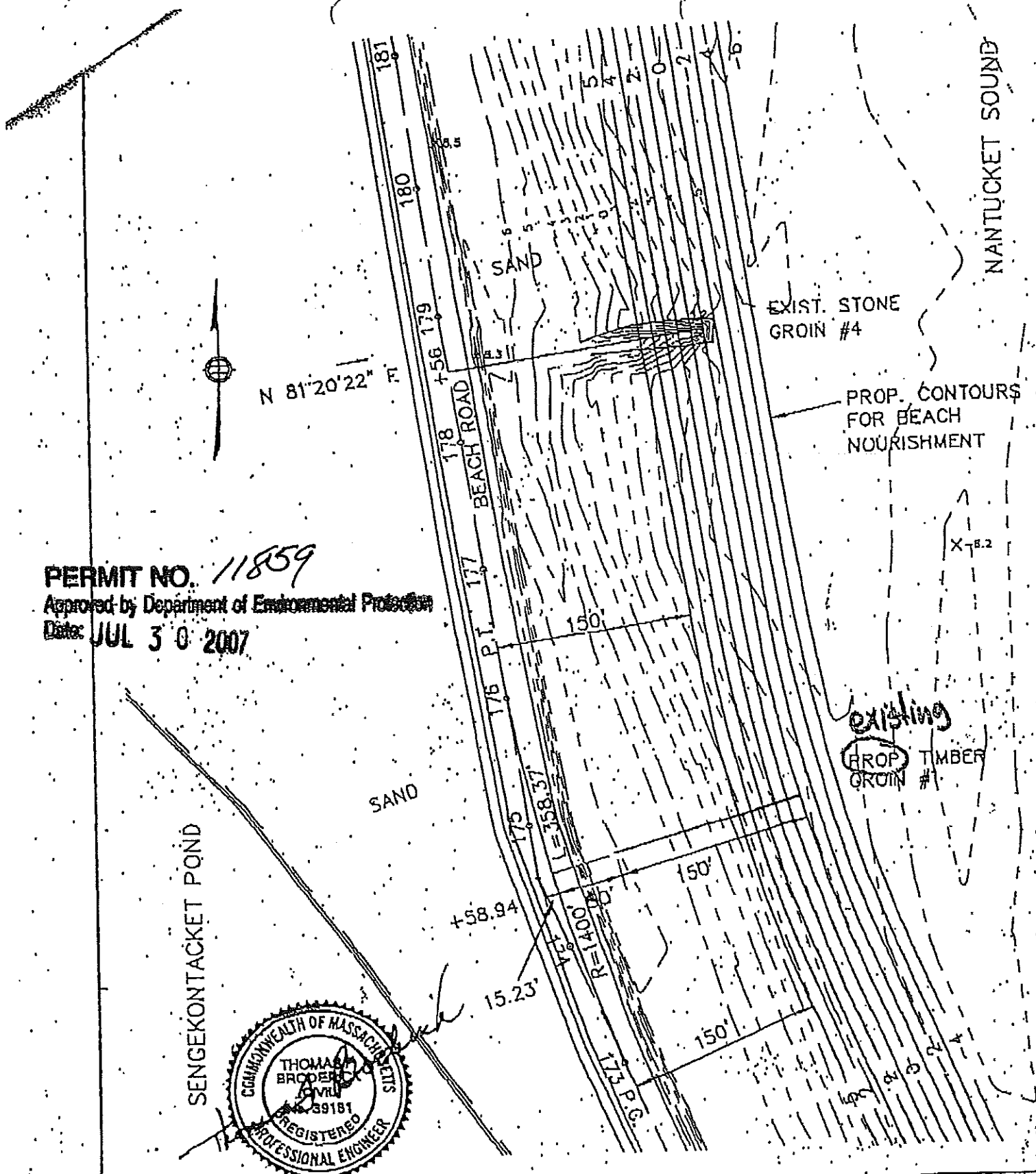
SAND



PERMIT NO. 11859
Approved by Department of Environmental Protection
Date: JUL 30 2007

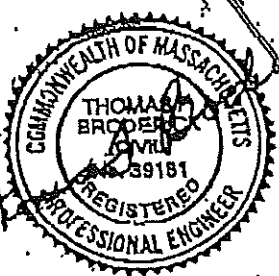
Plans Accompanying Petition of the
Massachusetts Highway Department
for
Waterways License
Scale 1" = 100'

LICENSE PLAN NO. 6006
Approved by Department of Environmental Protection
Date: OCT 09 1996



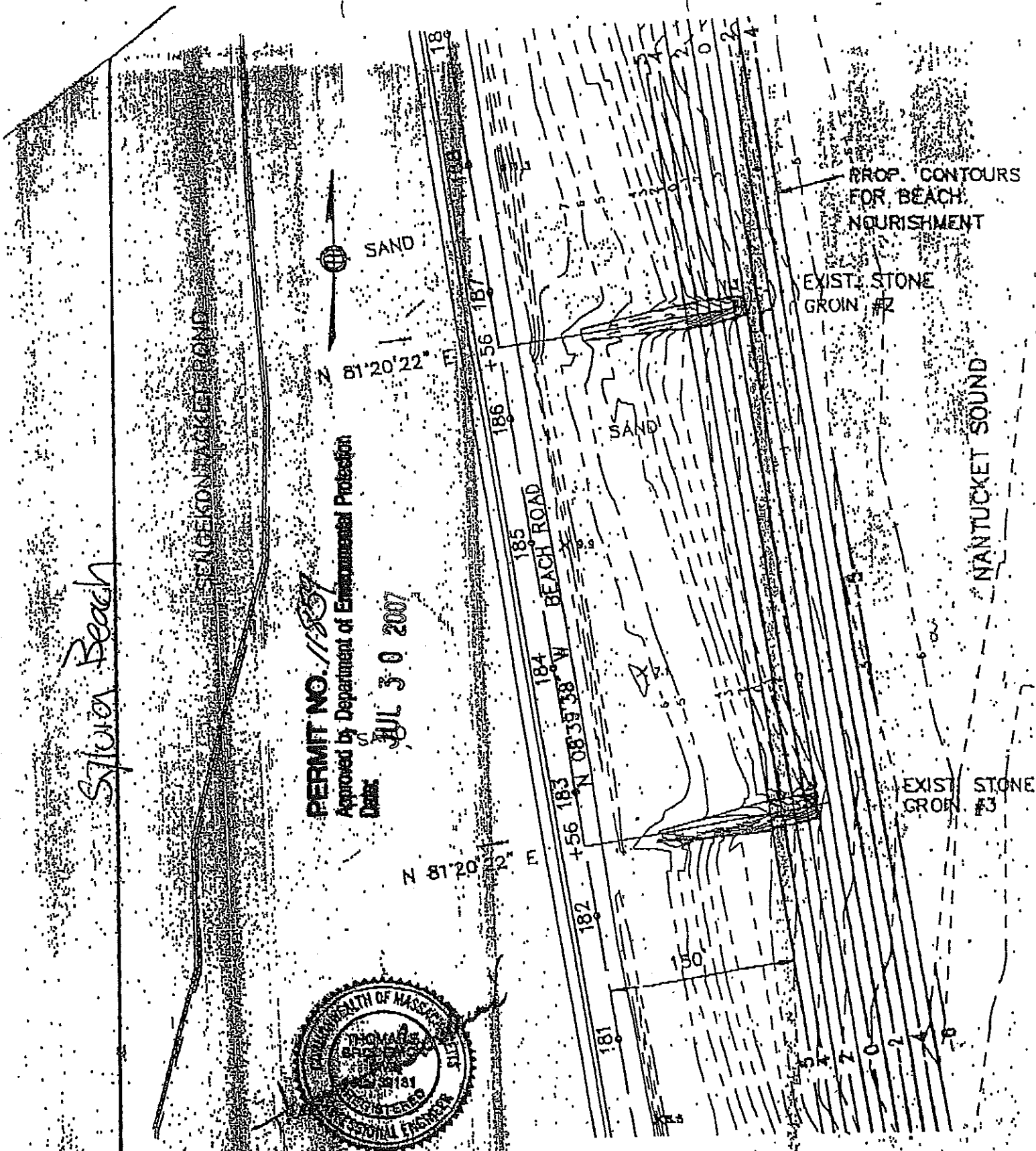
PERMIT NO. 11859
 Approved by Department of Environmental Protection
 Date: JUL 30 2007

SENCKONTACKET POND



Plans Accompanying Petition of the
 Massachusetts Highway Department
 for
 Waterways License
 Scale 1" = 100'

ENGINEERING PLAN NO. 6006
 Approved by Department of Environmental Protection
 Date: OCT 09 1996



Sylora Beach

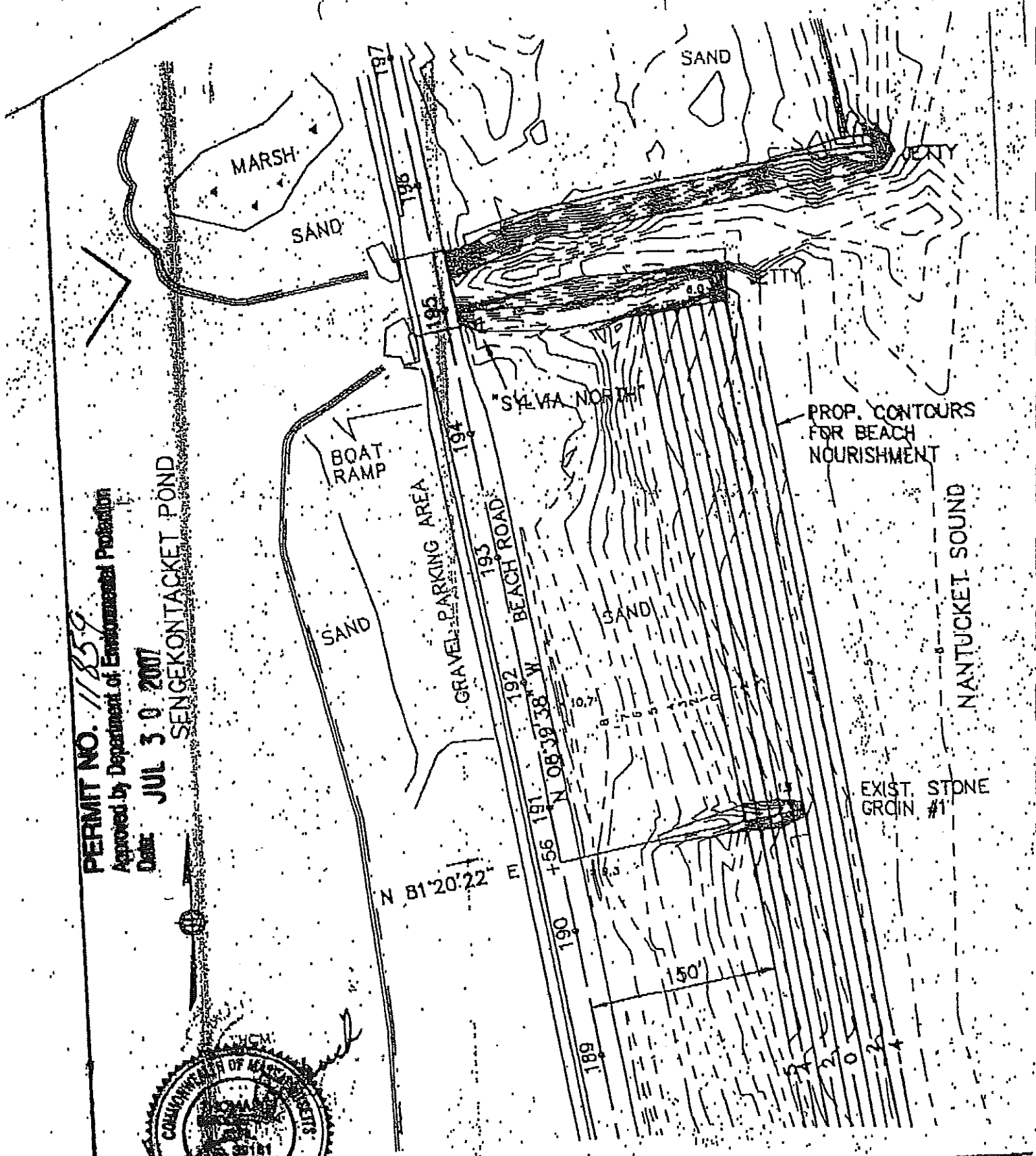
WALDEKONNACKER POND

PERMIT NO. 11837
 Approved by Department of Environmental Protection
 Date: **JUL 30 2007**



Plans Accompanying Petition of the
 Massachusetts Highway Department
 for
 Waterways License

LICENSE PLAN NO. 6006
 Approved by Department of Environmental Protection
 Date: **OCT 09 1996**

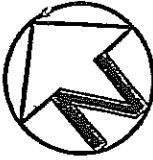


PERMIT NO. 11259
 Approved by Department of Environmental Protection
 Date: **JUL 30 2007**
SENCEKONTACKET POND



Plans Accompanying Petition of the
 Massachusetts Highway Department
 for
 Waterways License
 Scale 1" = 100'

LICENSE PLAN NO. 6006
 Approved by Department of Environmental Protection
 Date: **OCT 09 1996**

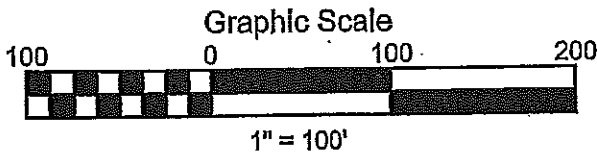
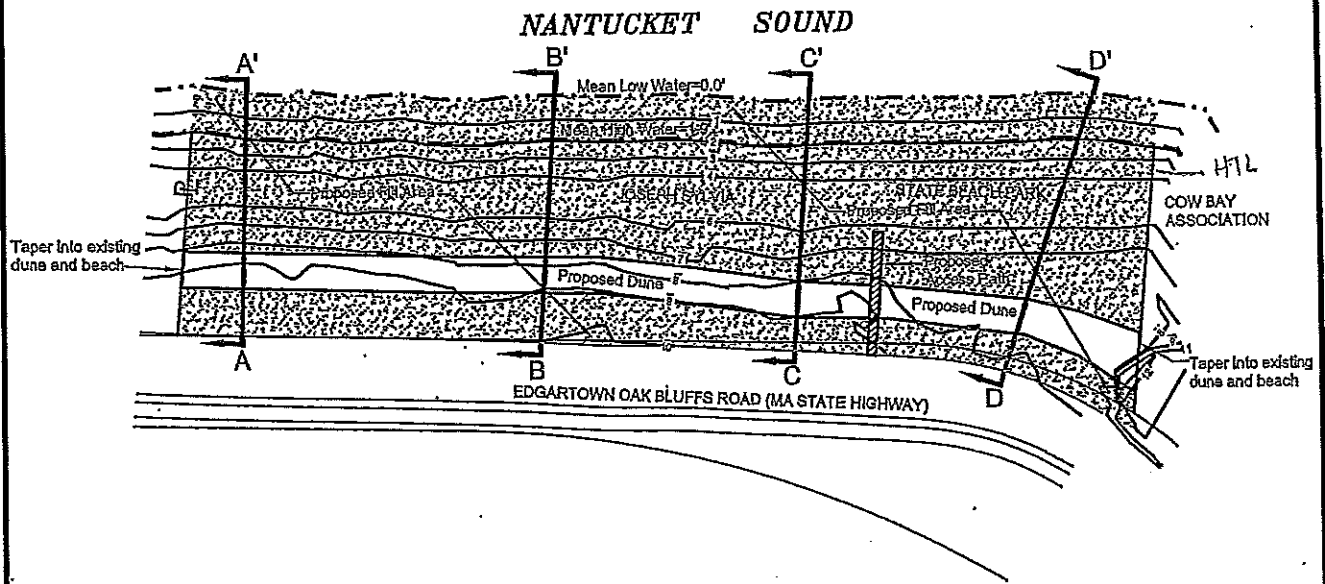
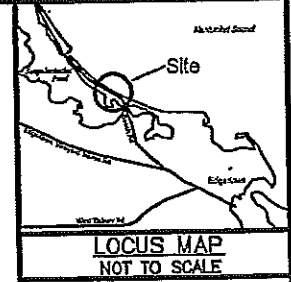


Datum Note:
Elevations shown are referenced to MLW = 0.0'

Survey Note:
Survey conducted by Schofield, Barbini & Hoen, Inc., November 2005.

Permit Plan:
This plan is for permitting only. The plan described the full scope of the project. Contractor shall coordinate with the engineer for detailing prior to providing a bid on this project.

- General Notes:**
1. Performance of the work shall be in compliance with the plan and details, and order of conditions issued by the Edgartown Conservation Commission for the referenced project and as described herein.
 2. After nourishment grading dune and backslope shall be planted with American Beach Grass in 12" matrix.



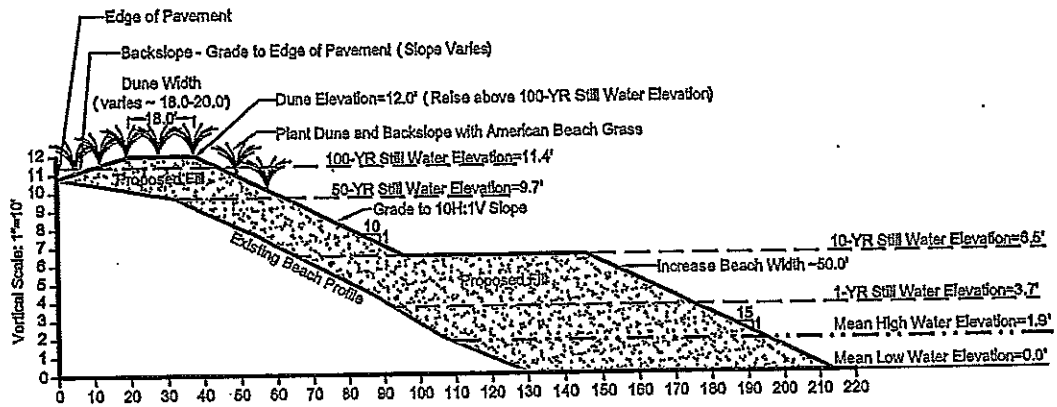
WOODS HOLE GROUP
81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02538
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

REVISIONS:	DATE:

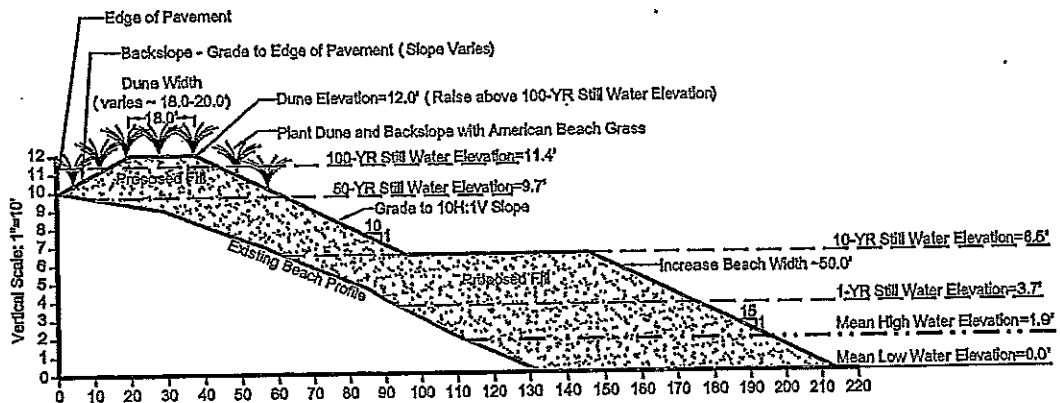
TITLE: **Plan View for:
Bend in the Road
Beach Nourishment
Town of Edgartown, MA**

DRAWN BY: SC	APPROVED BY: KB	PROJECT NO.: 2007-070
DWG FILE: 2007-070_NOL_8.5x11.dwg	SCALE: 1" = 100'	DATE: 4-21-08
		SHEET: 2 of 4





Cross-Section A-A'
Horizontal Scale: 1"=50'



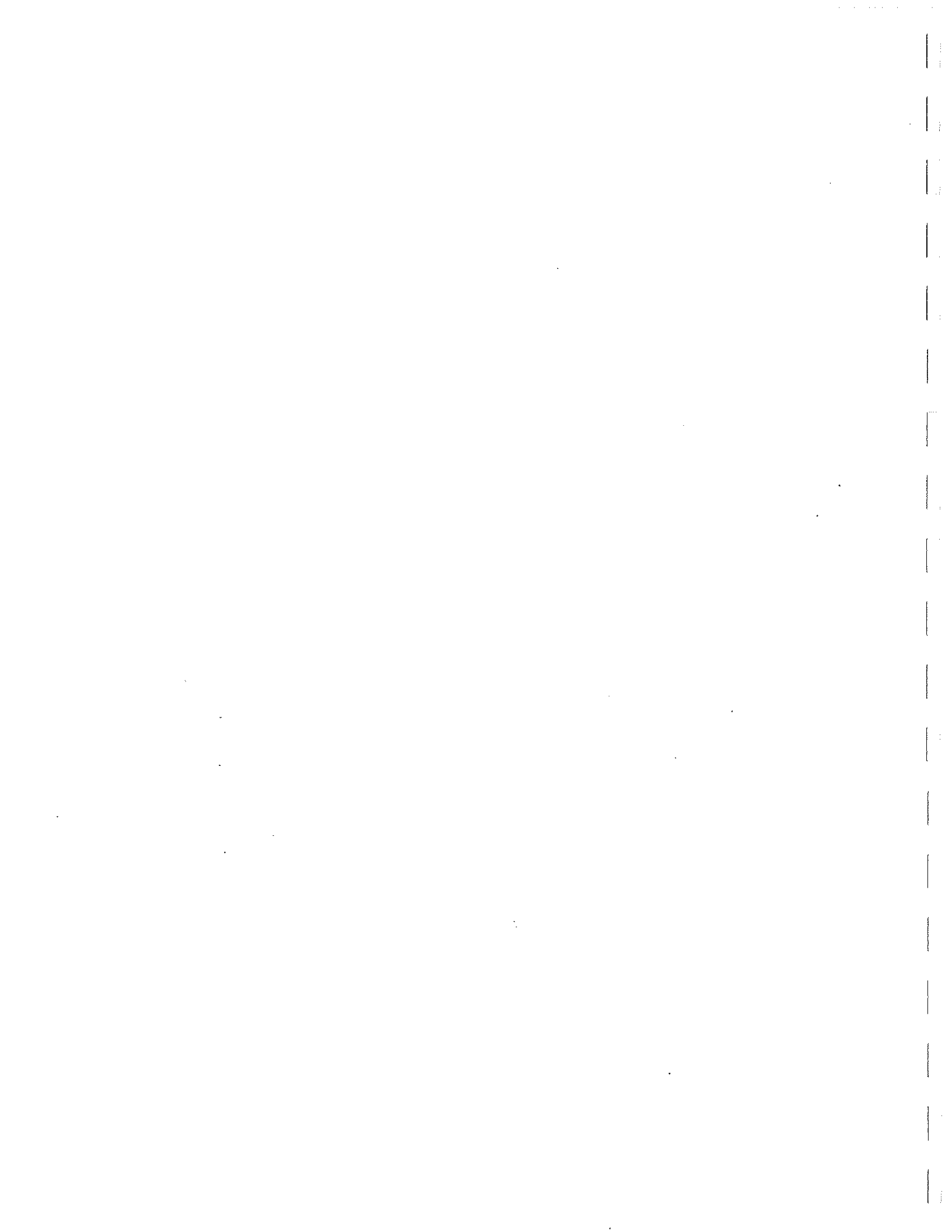
Cross-Section B-B'
Horizontal Scale: 1"=50'

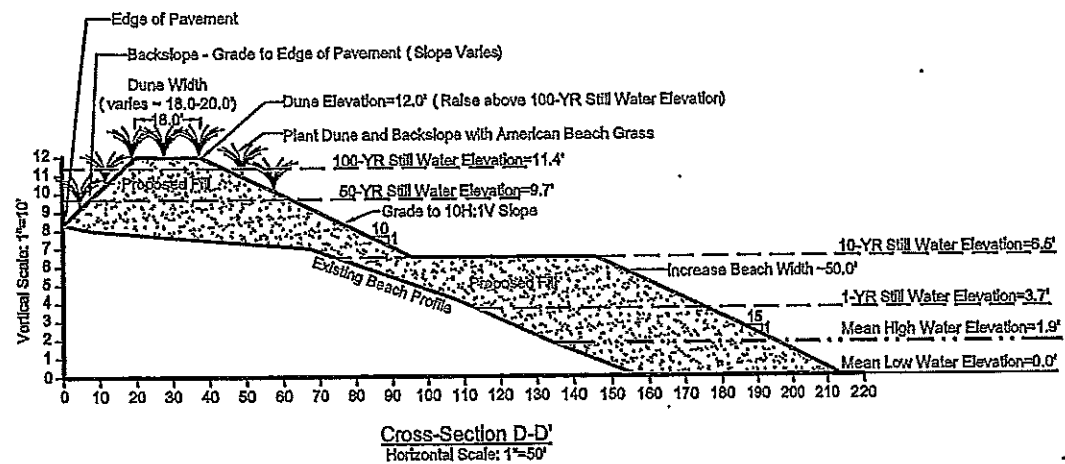
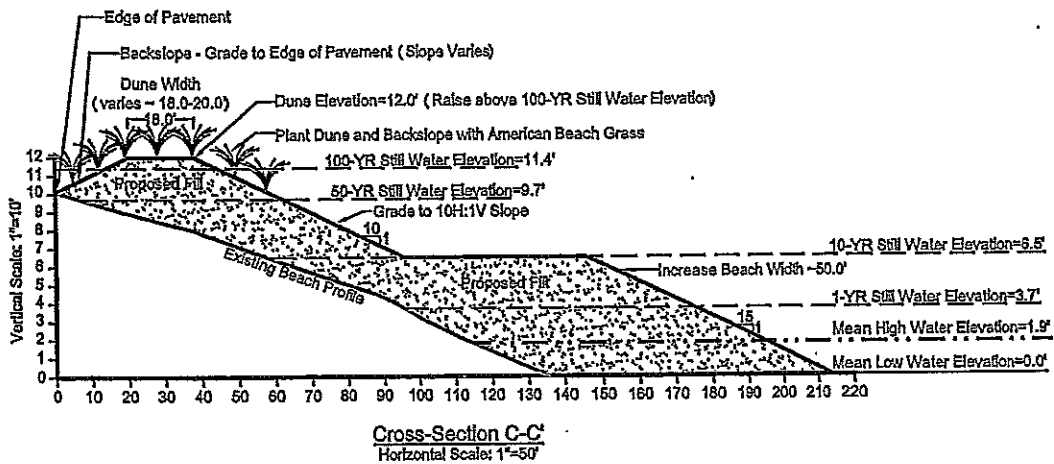


81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE: Cross-Sections A-A' and B-B' for:
**Bend in the Road
Beach Nourishment**
Town of Edgartown, MA

REVISIONS:	DATE:	DRAWN BY: SC	APPROVED BY: KB	PROJECT NO.: 2007-070
		DWG FILE: 2007-070_NOI_8.5x11.dwg	SCALE: As Noted	DATE: 4-21-08
				SHEET: 3 of 4

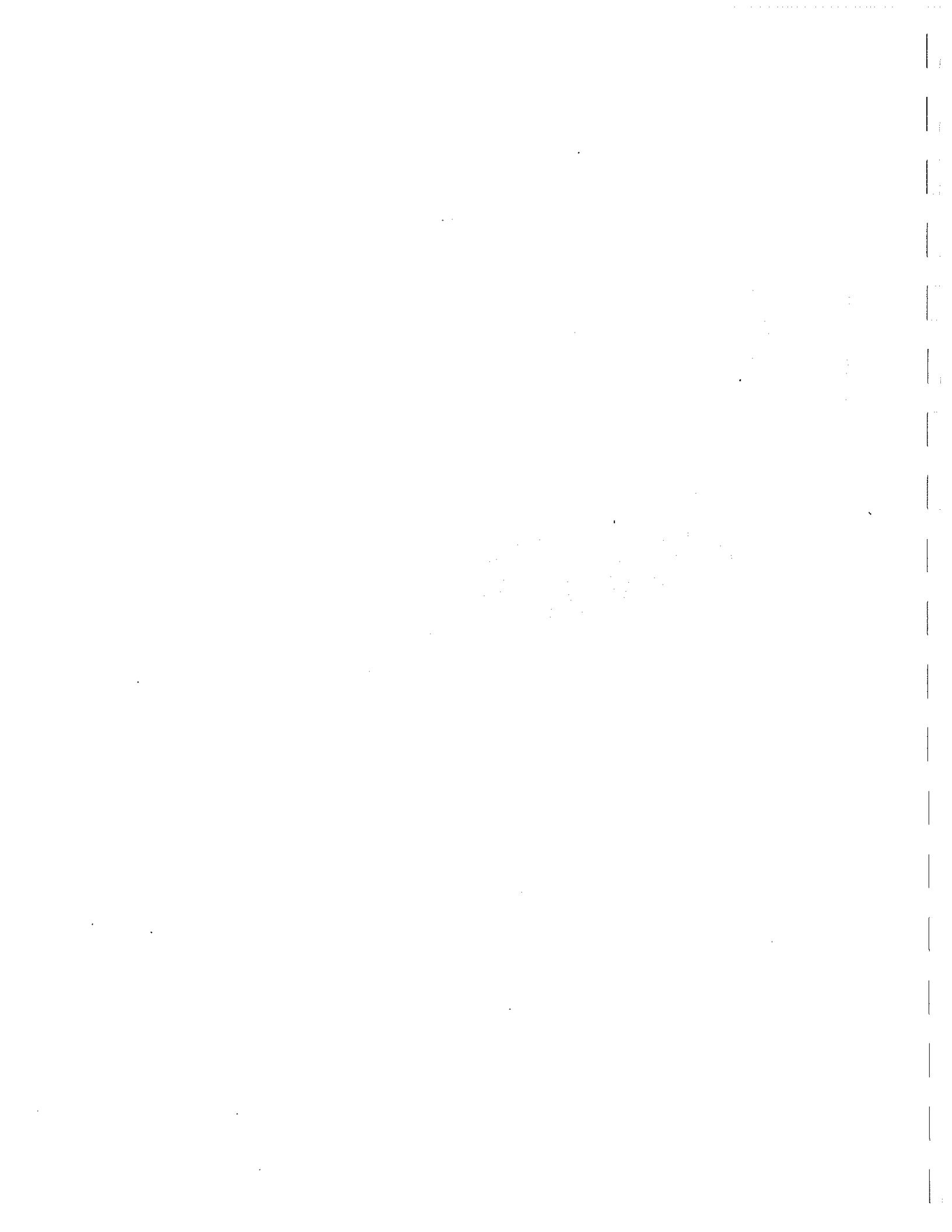


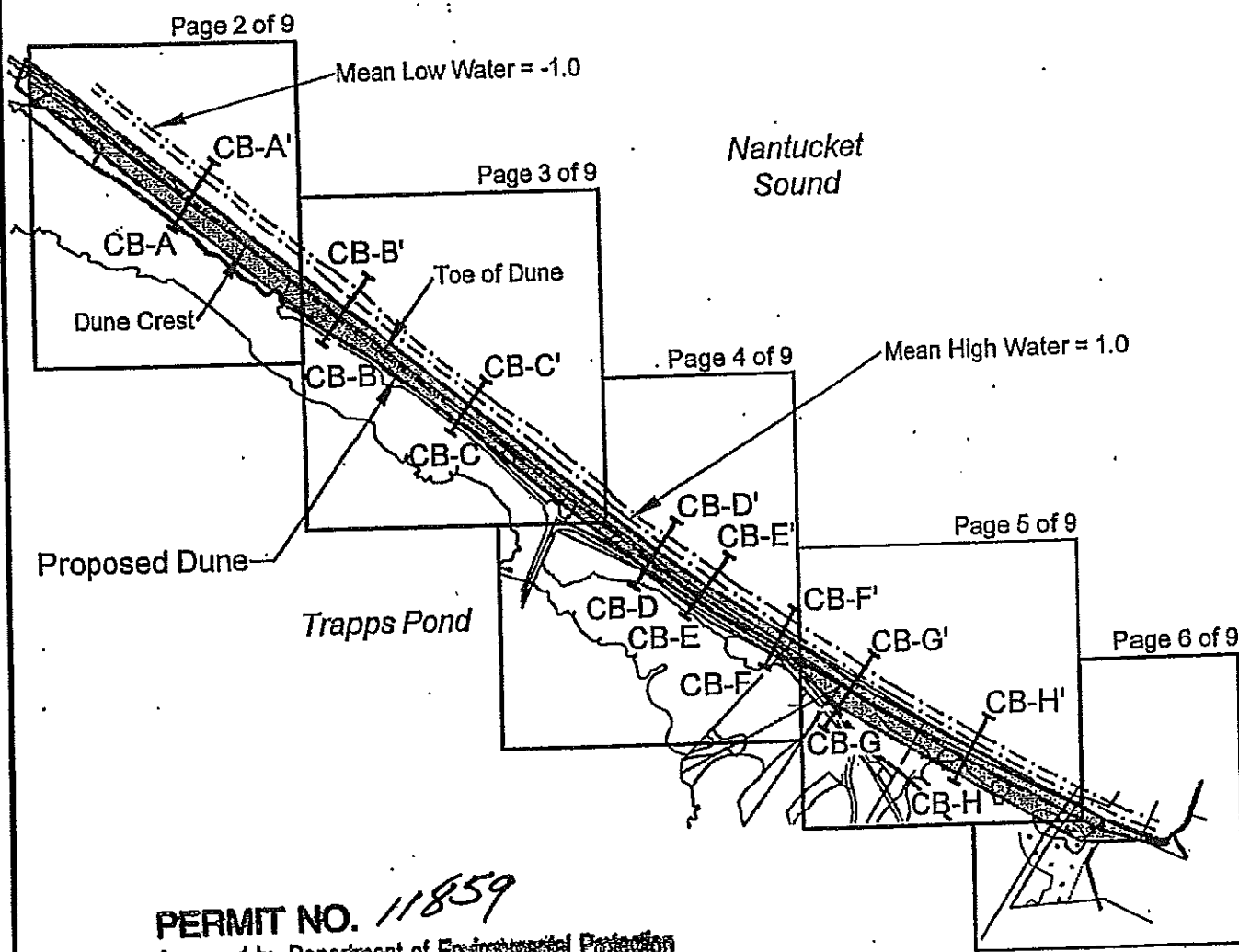
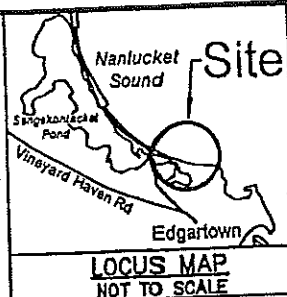


81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02538
 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE: Cross-Sections C-C' and D-D' for:
Bend in the Road
Beach Nourishment
 Town of Edgartown, MA

REVISIONS:	DATE:	DRAWN BY: SC	APPROVED BY: KB	PROJECT NO.: 2007-070
		DWG FILE: 2007-070_NOI_8.5x11.dwg	SCALE: As Noted	DATE: 4-21-08
				Sheet 4 of 4

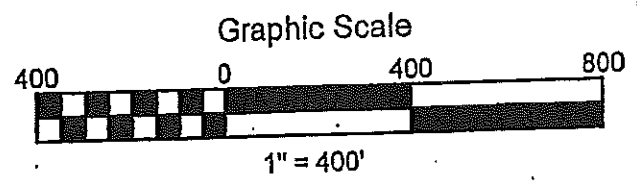




PERMIT NO. 11859
 Approved by Department of Environmental Protection
 OCT 15 2008

PLAN ACCOMPANYING PETITION OF:
 Dune Design for
 Cow Bay Beach
 Edgartown, MA 02539

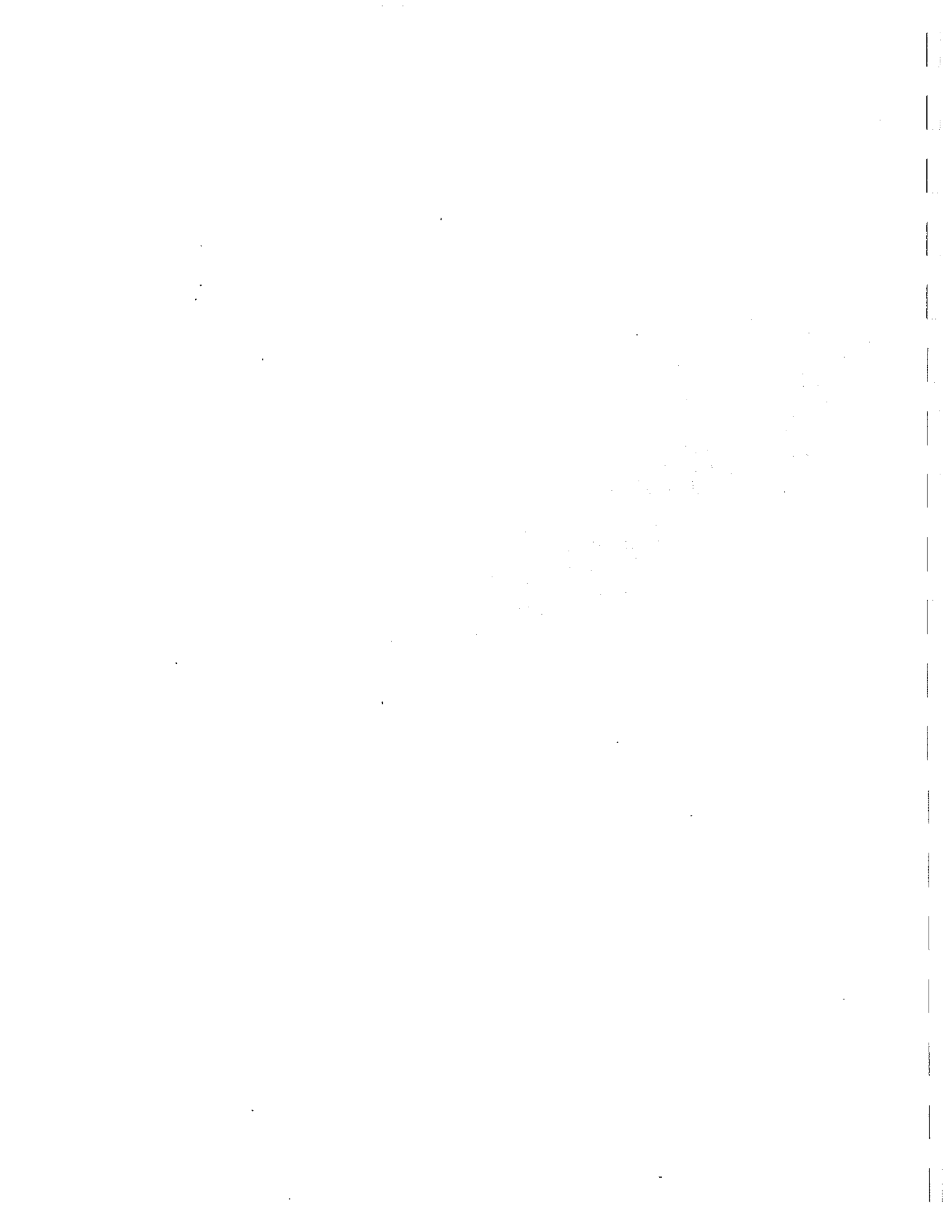
PLAN BY: **WOODS HOLE GROUP**
 81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02538
 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

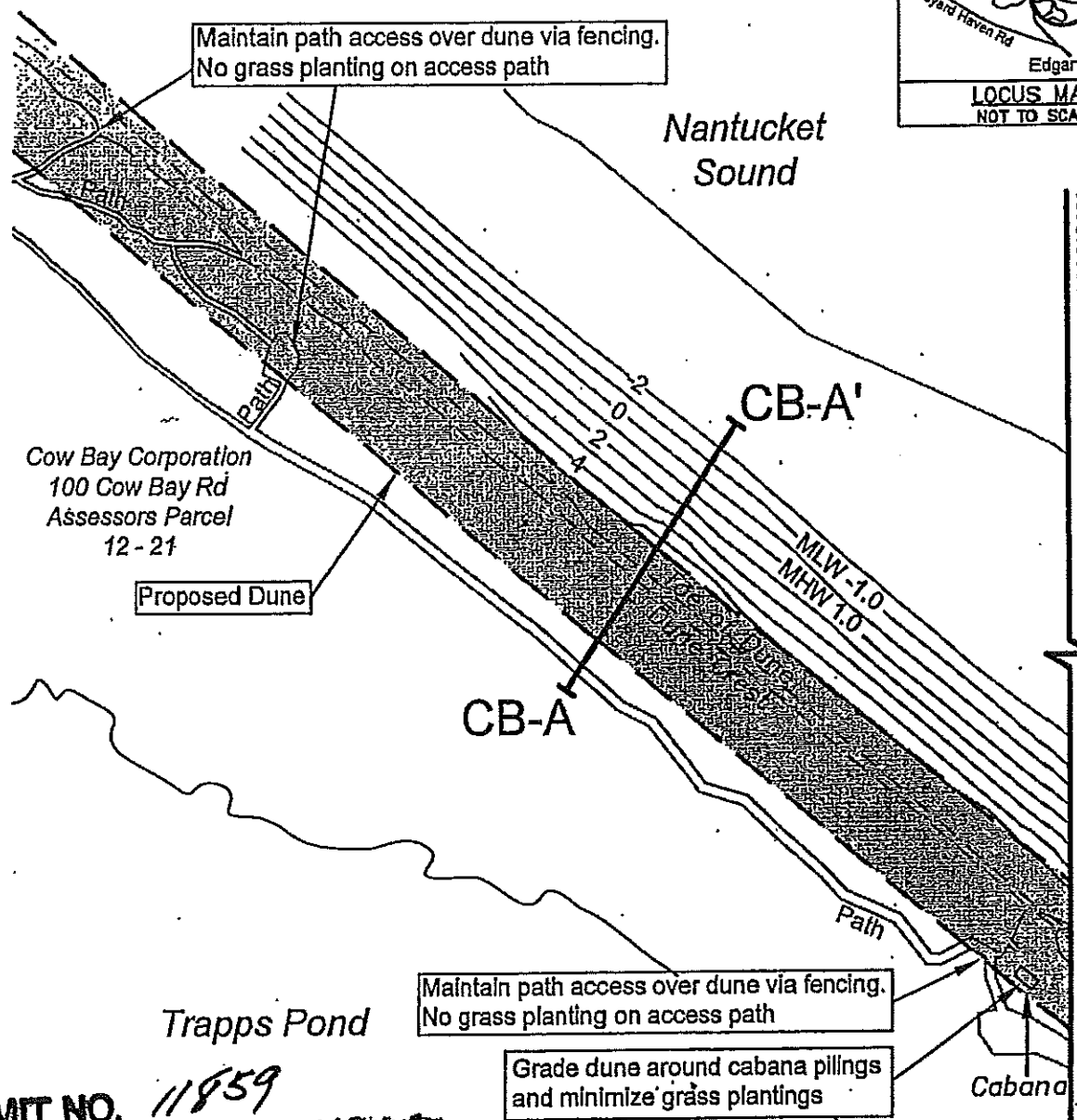
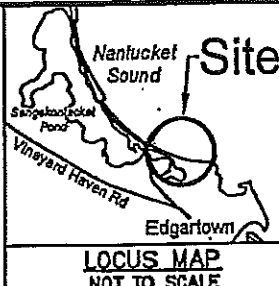


DATE: 10-2-08

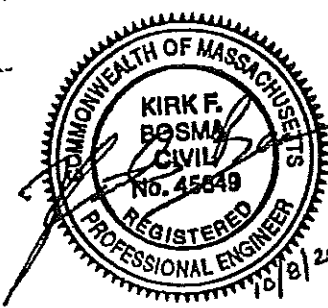
SHEET: 1 OF 9

DATUM:
 BASED ON NGVD 1929 (feet)





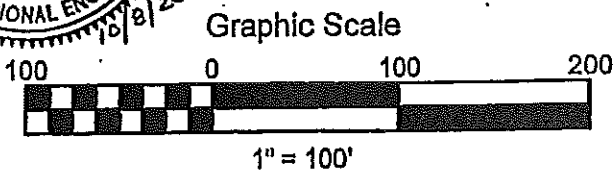
PERMIT NO. 11859
Approved by Department of Environmental Protection
Date: OCT 15 2008



PLAN ACCOMPANYING PETITION OF:
Dune Design for
Cow Bay Beach
Edgartown, MA 02539

PLAN BY: **WOODS HOLE GROUP**

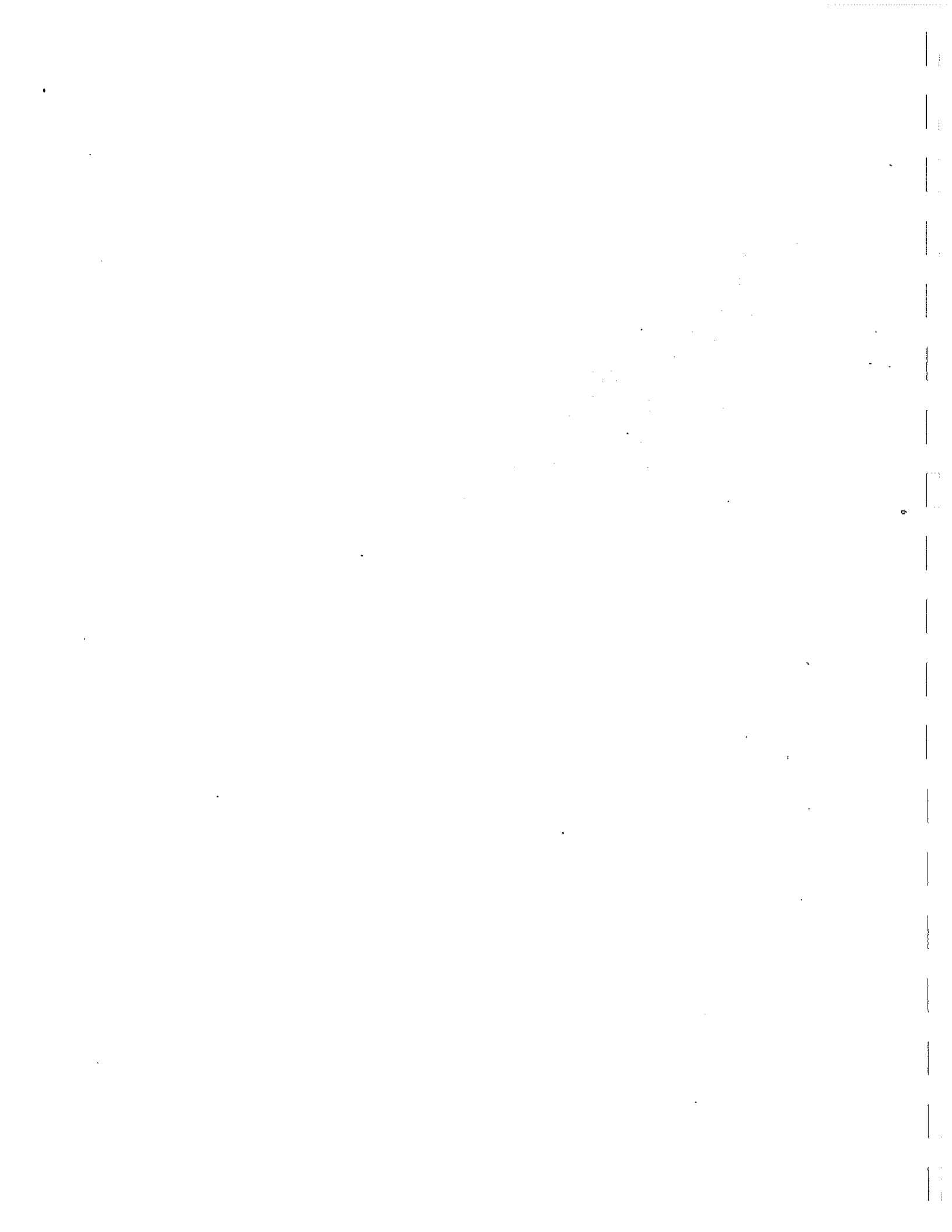
81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02538
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

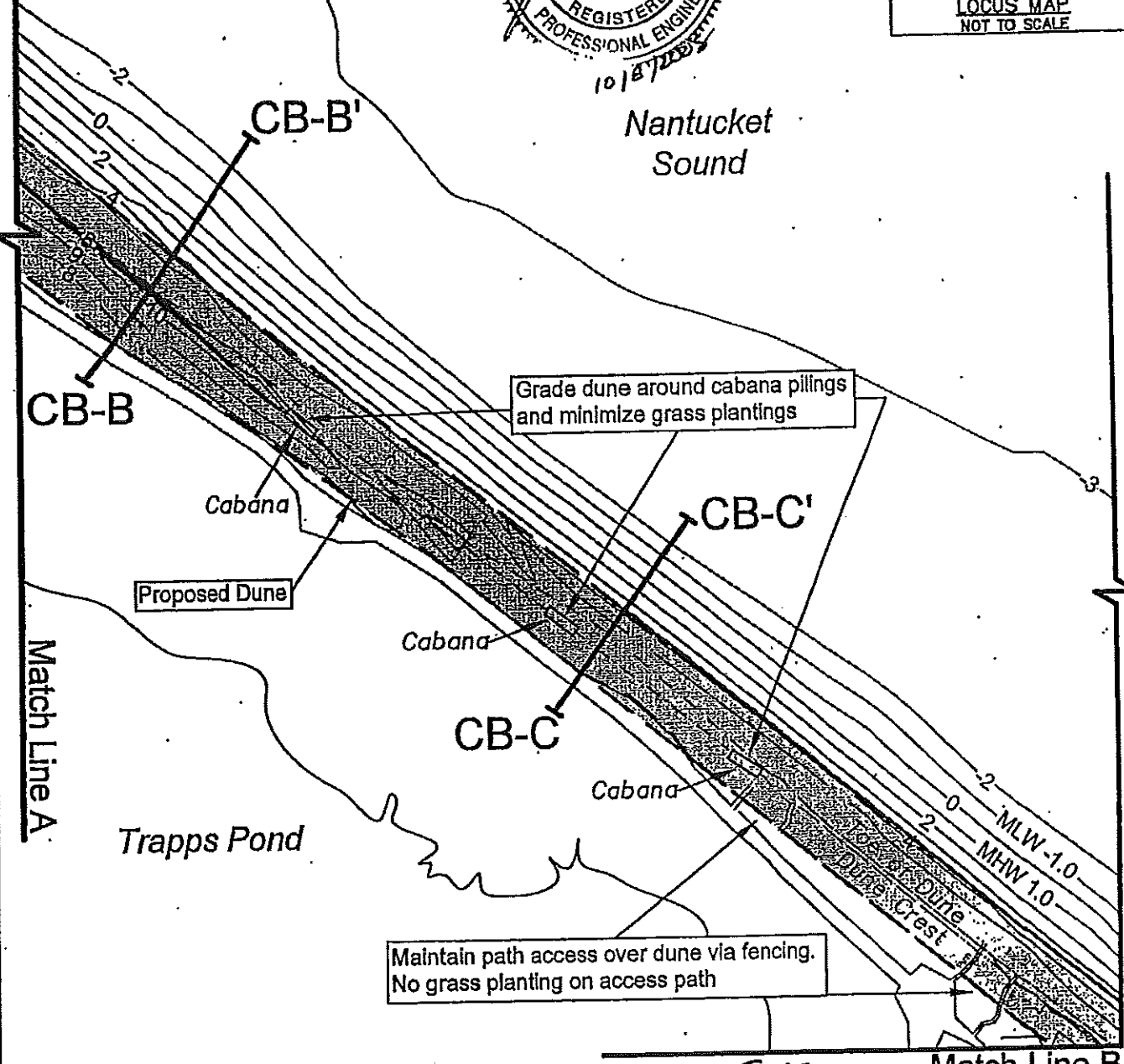
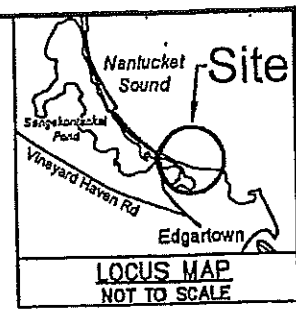
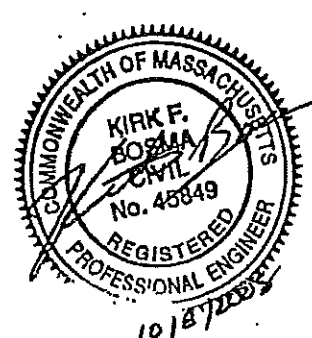


DATE: 10-2-08

SHEET: 2 OF 9

DATUM:
BASED ON NGVD 1929 (feet)

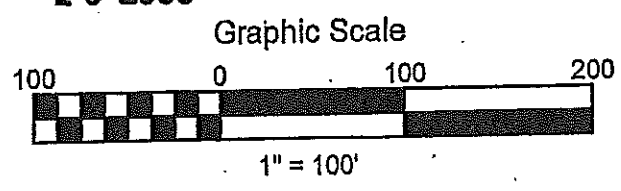




PLAN ACCOMPANYING PETITION OF:
Dune Design for
Cow Bay Beach
Edgartown, MA 02539

PERMIT NO. 11859
Approved by Department of Environmental Protection
Date: OCT 15 2008

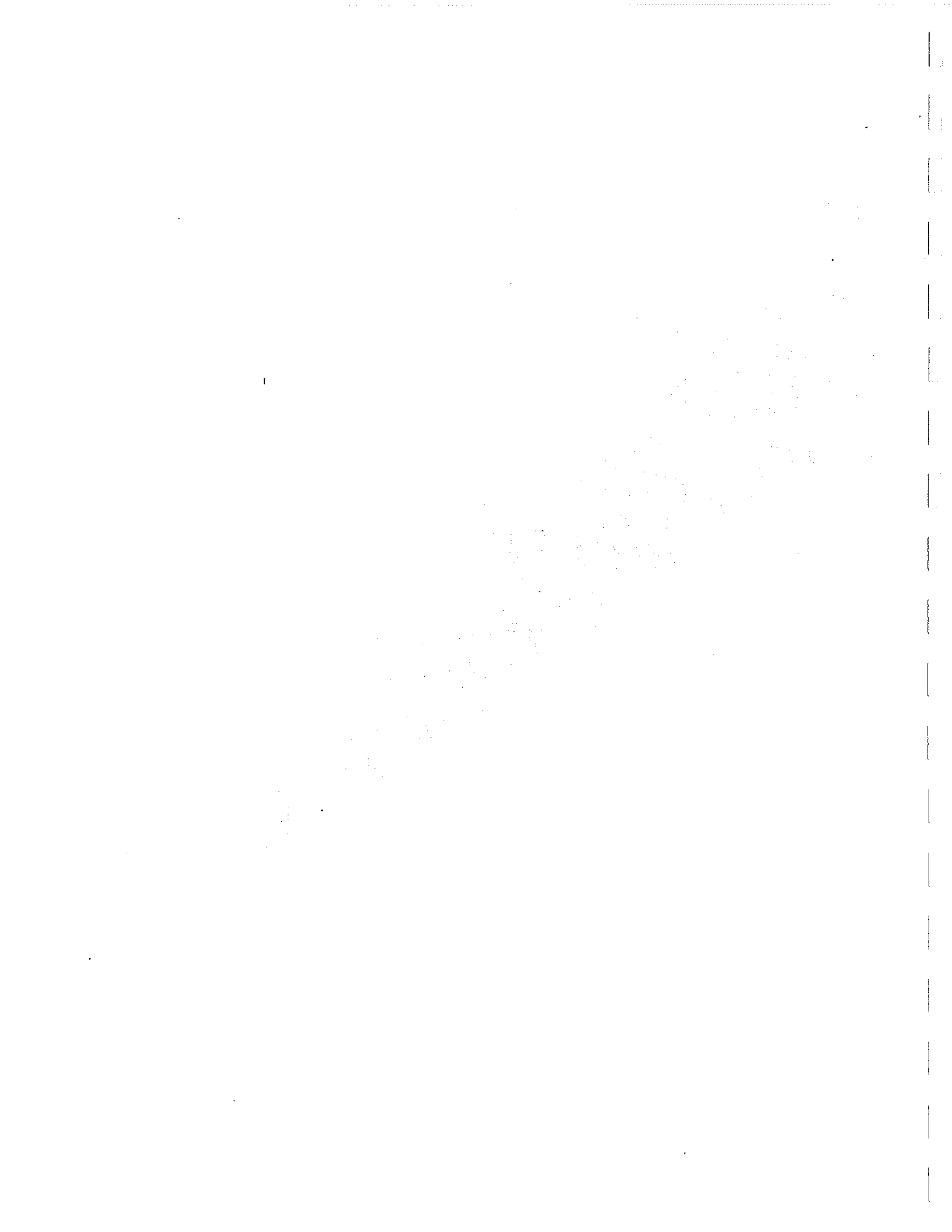
PLAN BY: **WOODS HOLE GROUP**
81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02538
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

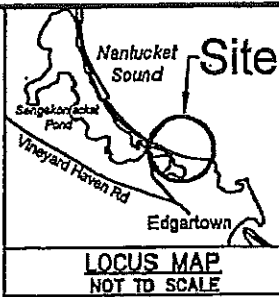
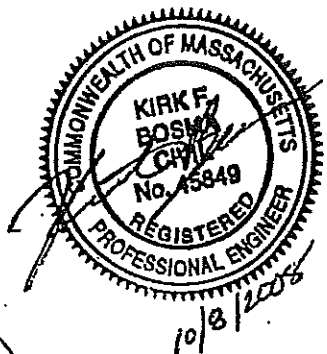


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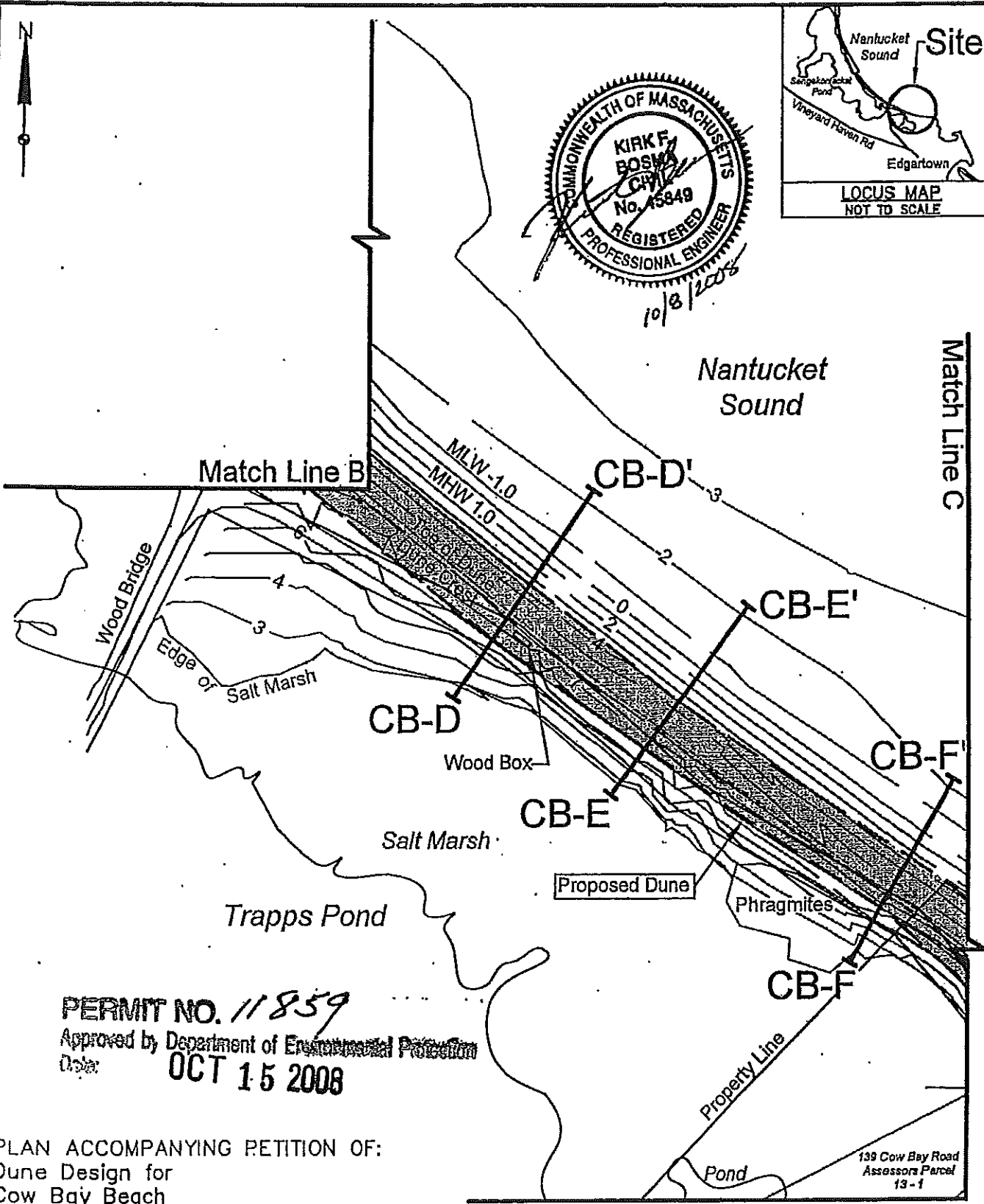
SHEET: 3 OF 9

DATUM:
BASED ON NGVD 1929 (feet)





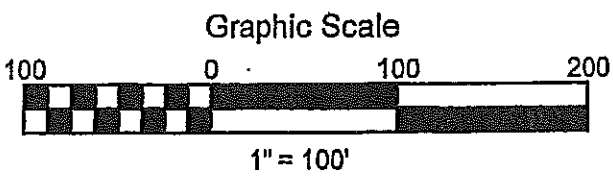
LOCUS MAP
NOT TO SCALE



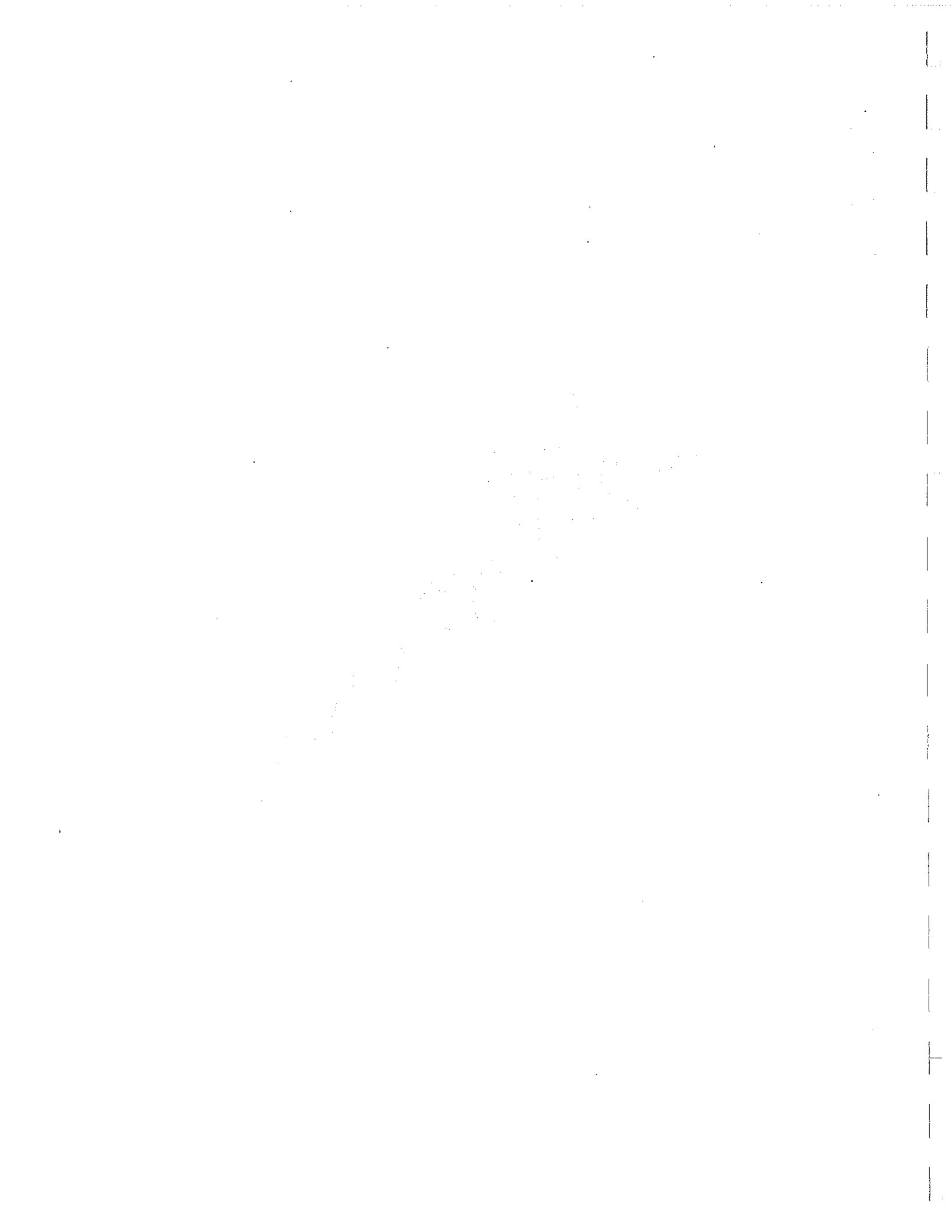
PERMIT NO. 11859
Approved by Department of Environmental Protection
Date: **OCT 15 2008**

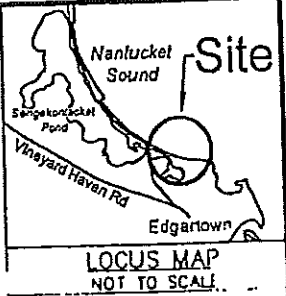
PLAN ACCOMPANYING RETITION OF:
Dune Design for
Cow Bay Beach
Edgartown, MA 02539

PLAN BY: **WOODS HOLEGROUP**
81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02538
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001



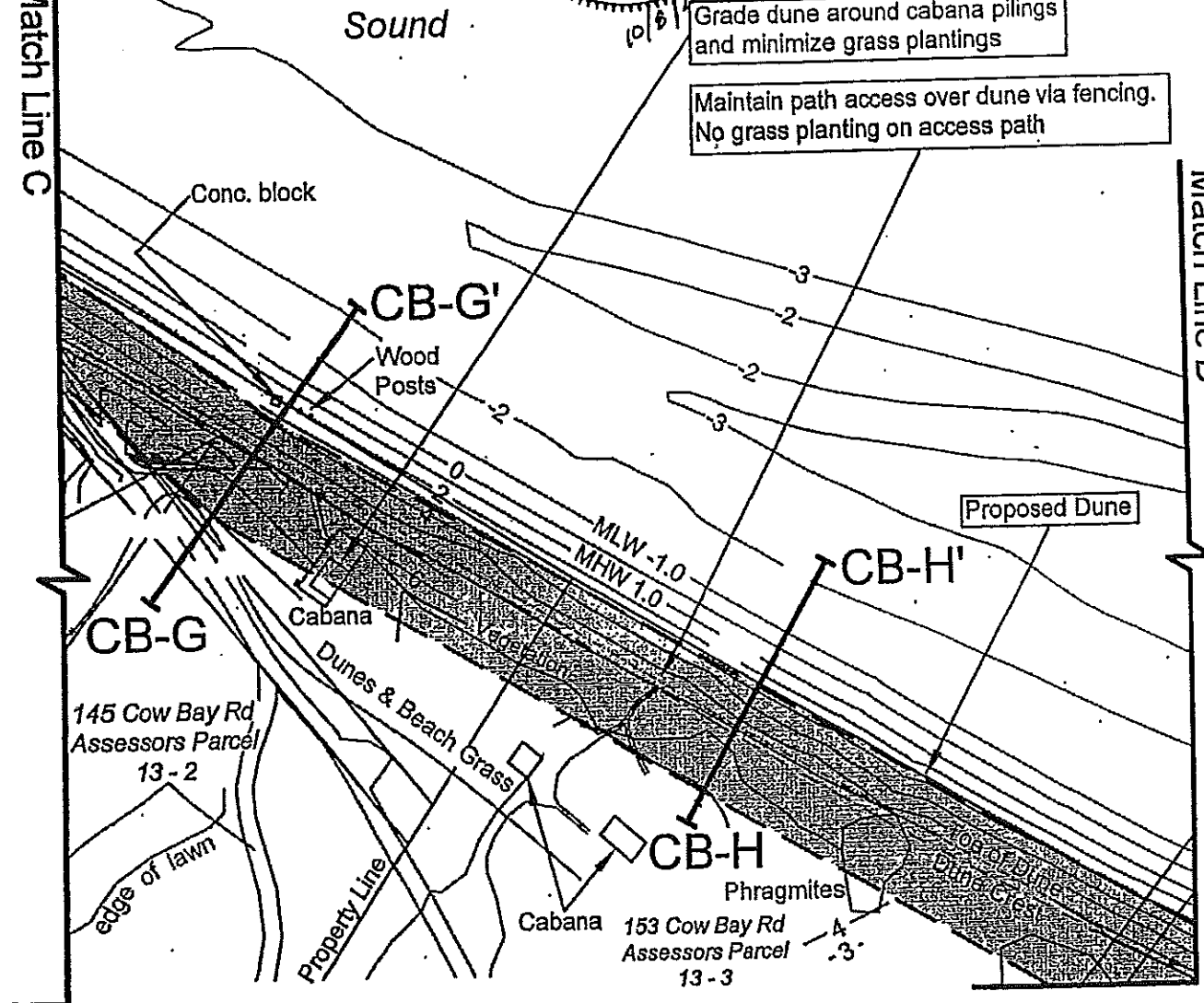
DATUM:
BASED ON NGVD 1929 (feet)





Match Line C

Match Line D



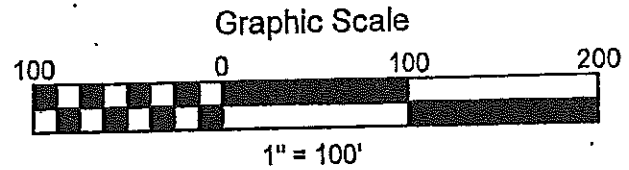
Grade dune around cabana pilings and minimize grass plantings

Maintain path access over dune via fencing. No grass planting on access path

PERMIT NO. 11859
 Approved by Department of Environmental Protection
 Date: **OCT 15 2008**

PLAN ACCOMPANYING PETITION OF:
 Dune Design for
 Cow Bay Beach
 Edgartown, MA 02539

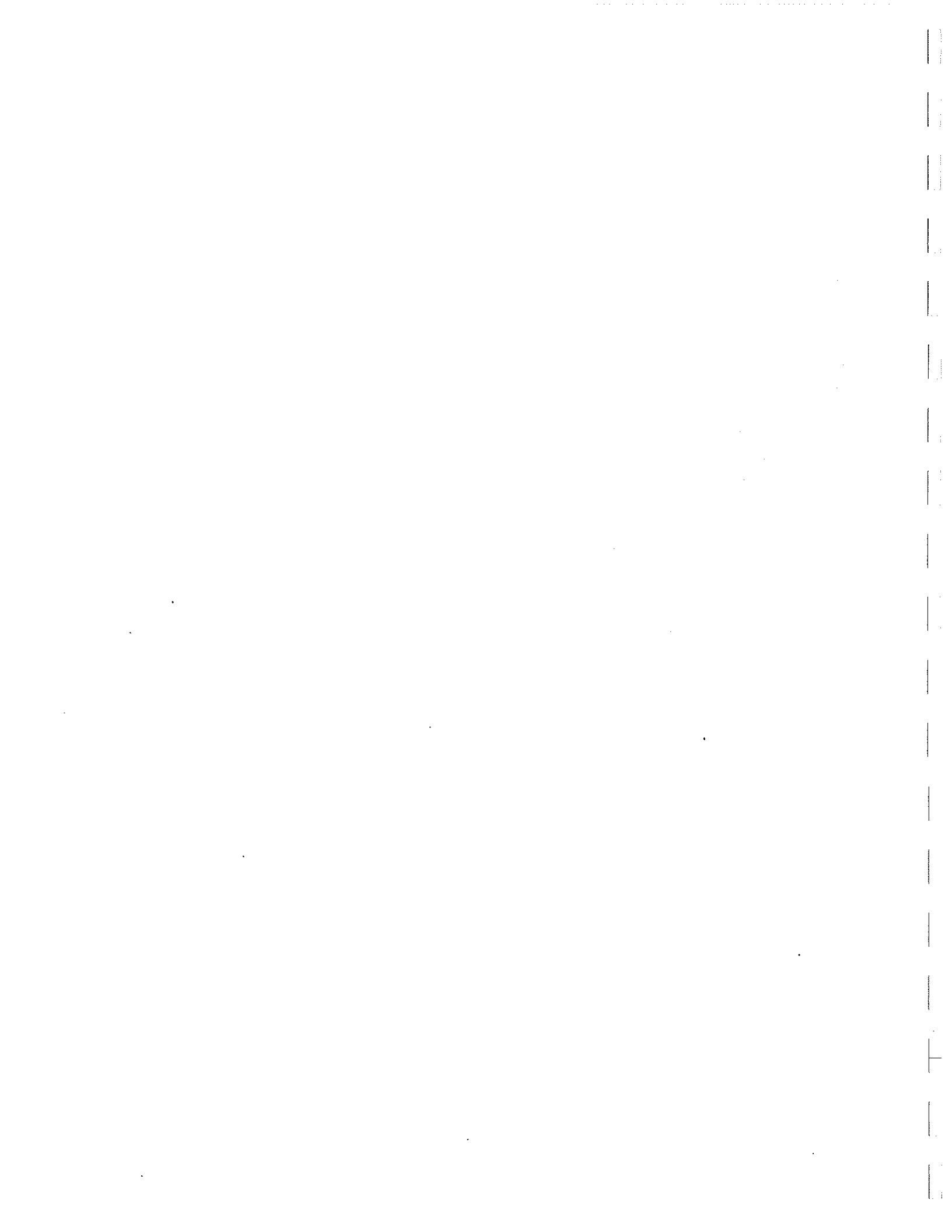
PLAN BY: **WOODS HOLE GROUP**
 81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02539
 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001



DATE: 10-2-08

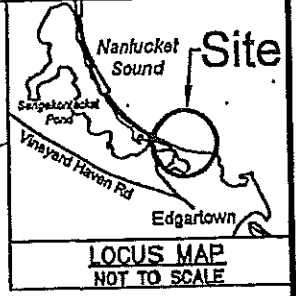
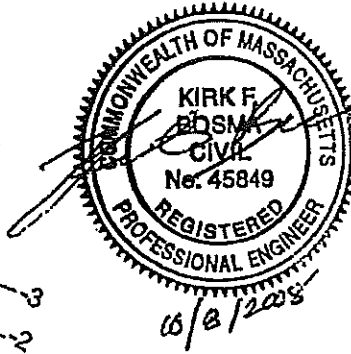
SHEET: 5 OF 9

DATUM:
 BASED ON NGVD 1929 (feet)





Match Line D



Nantucket Sound

Stone Retaining Wall

MHW 1.0 - 0 MLW -1.0
2

Phragmites

Proposed Dune

10 Golf Club Rd
Assessors Parcel
13-4.3

Property Line

Proposed Dune

EXISTING PATH

12 Golf Club Rd
Assessors Parcel
13-4.1

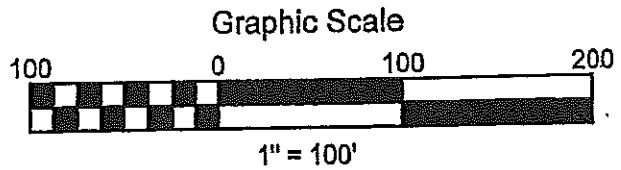
POND

14 Golf Club Rd
Assessors Parcel
13-4.21

PERMIT NO. 11859
Approved by Department of Environmental Protection
Date: OCT 15 2008

PLAN ACCOMPANYING PETITION OF:
Dune Design for
Cow Bay Beach
Edgartown, MA 02539

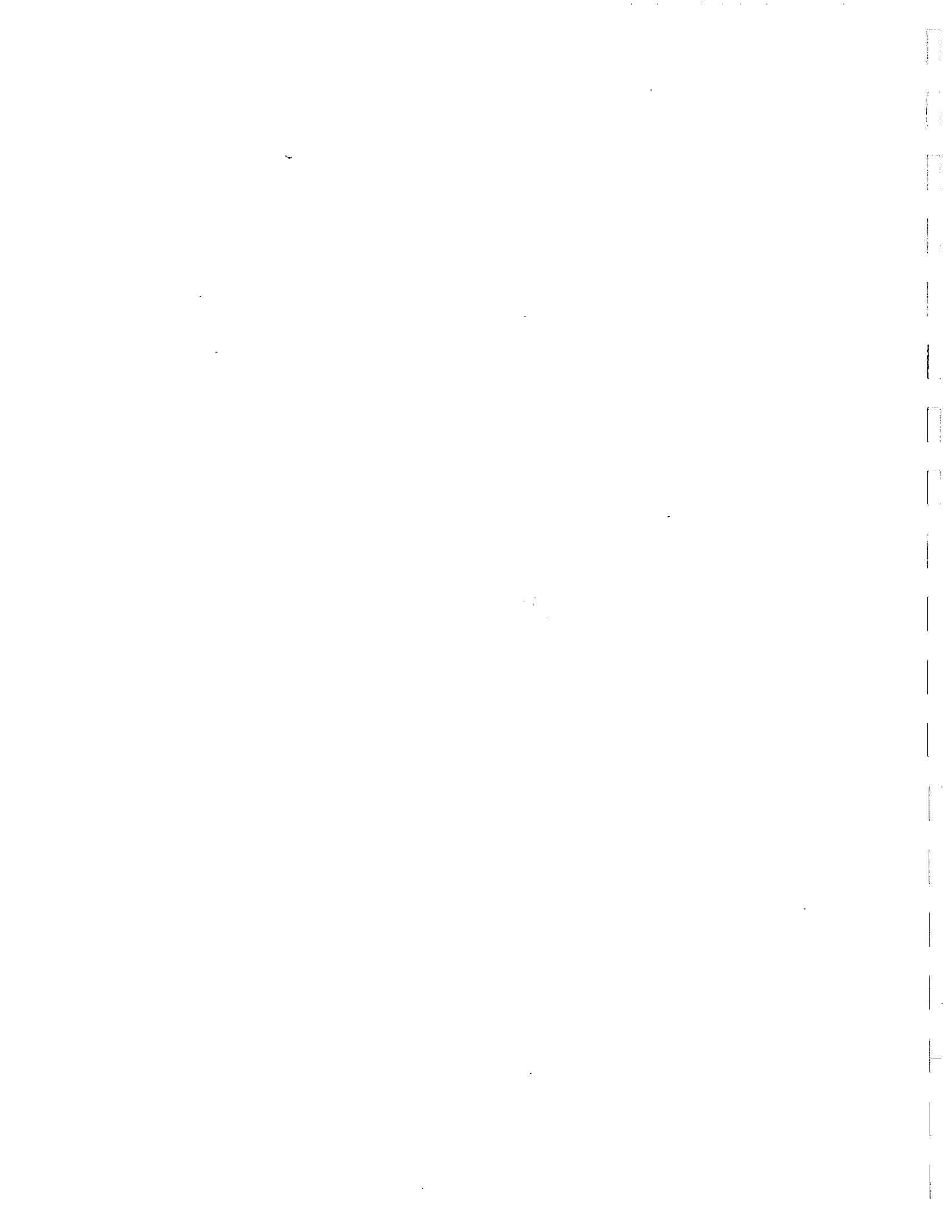
PLAN BY: **WOODS HOLEGROUP**
81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

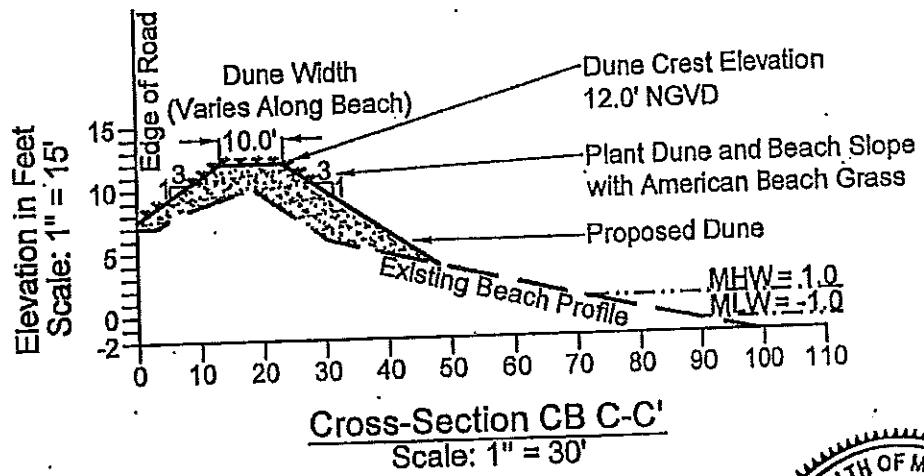
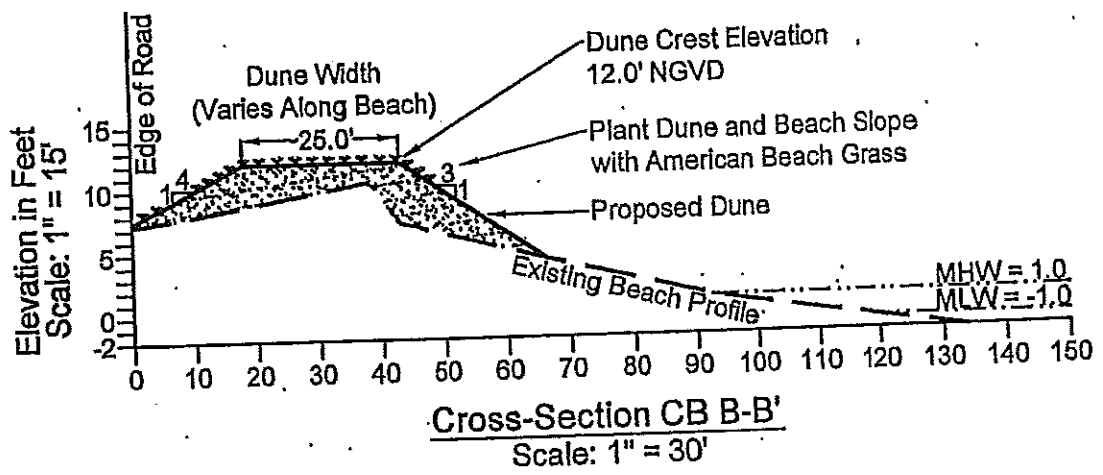
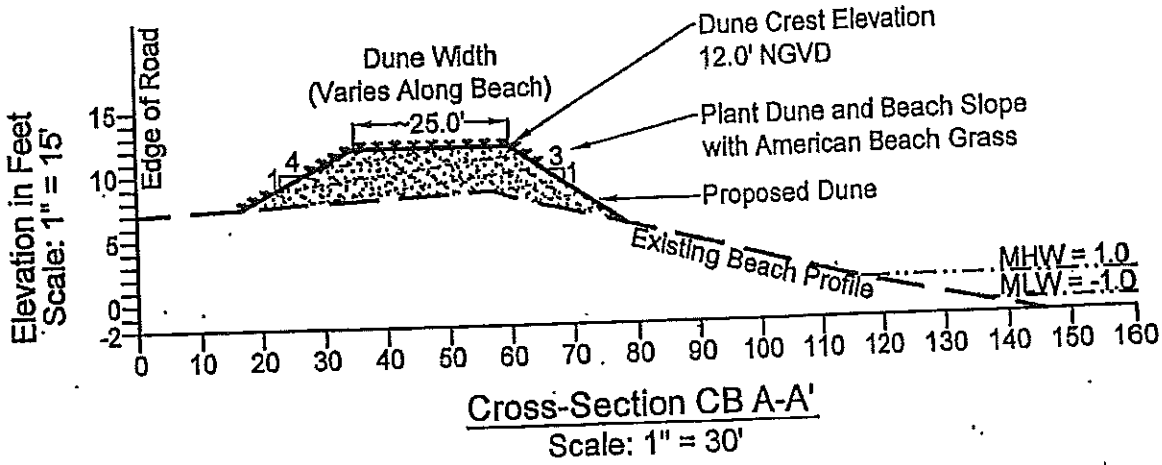


DATUM:
BASED ON NGVD 1929 (feet)

DATE: 10-2-08

SHEET: 6 OF 9





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Dune Design for
Cow Bay Beach
Edgartown, MA 02539

PLAN BY: **WOODS HOLE GROUP**

PERMIT NO. **11859**

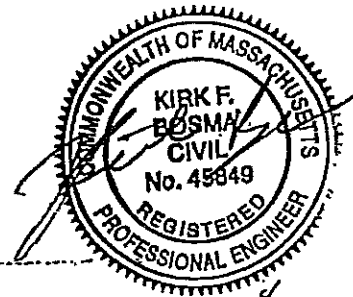
81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-8080

Approved by Department of Environmental Protection 10/8/2008

OCT 15 2008

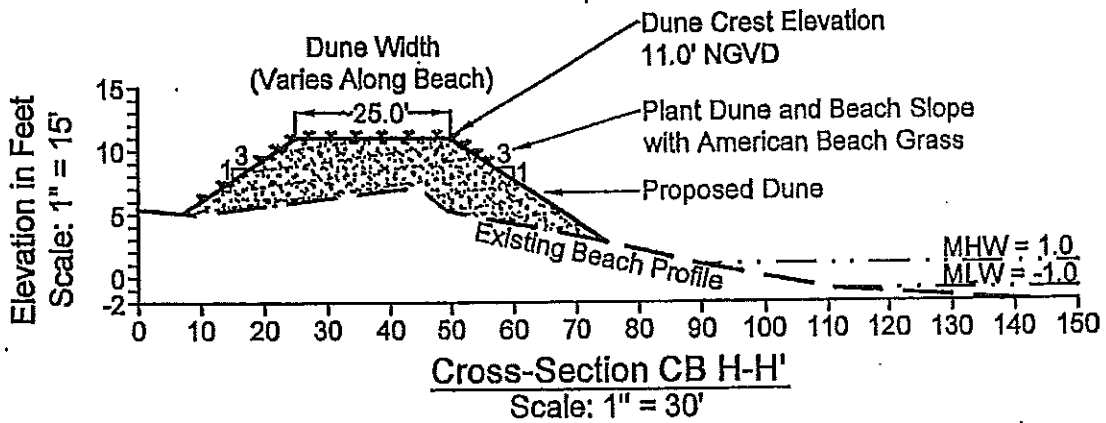
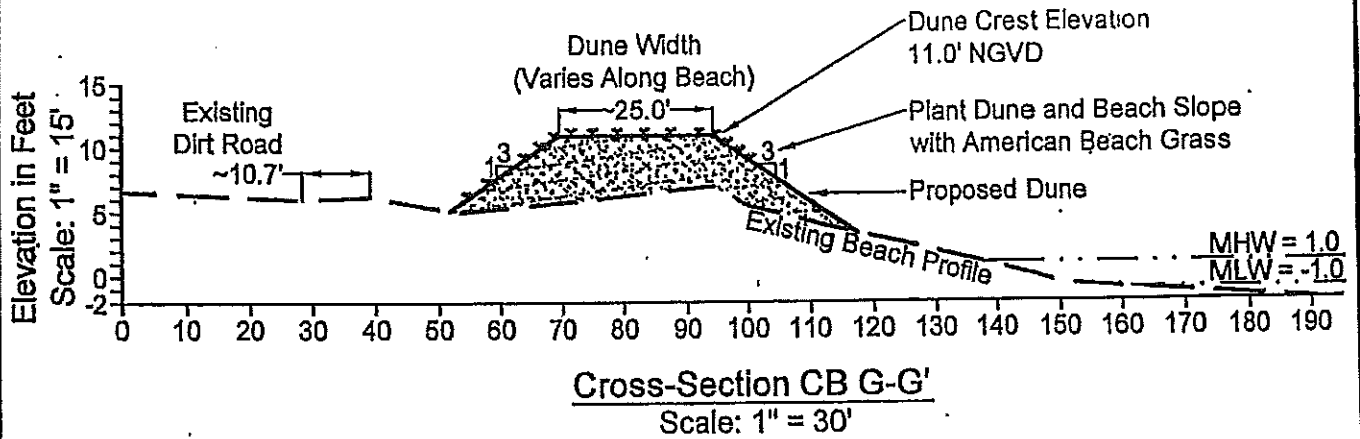
DATE: 10-2-08

SHEET: 7 OF 9

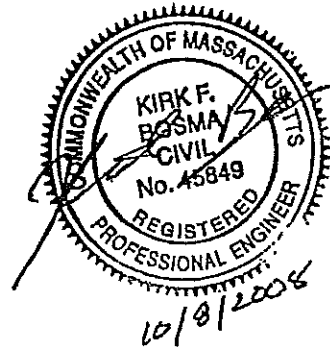


DATUM:
BASED ON NGVD 1929 (feet)





PERMIT NO. 11859
 Approved by Department of Environmental Protection
 Date: **OCT 15 2008**



PLAN ACCOMPANYING PETITION OF:
 Dune Design for
 Cow Bay Beach,
 Edgartown, MA 02539

PLAN BY: **WOODS HOLE GROUP**

81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02538
 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

DATE: 10-2-08

SHEET: 9 OF 9

DATUM:
 BASED ON NGVD 1929 (feet)

