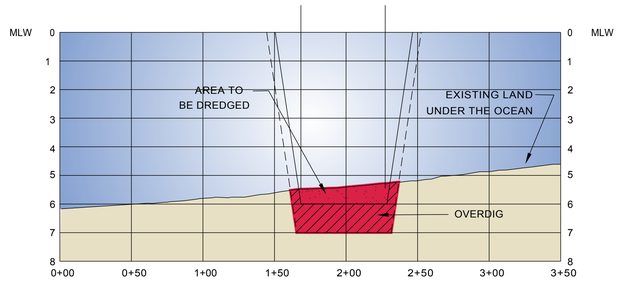
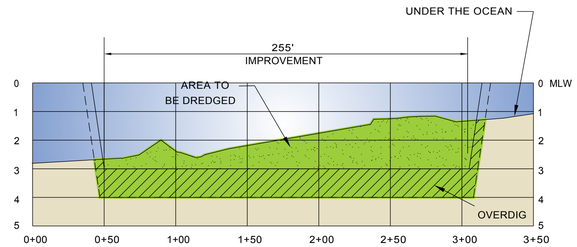


SECTION AA
BARLOWS LANDING (POCASSET HARBOR)
MAINTENANCE DREDGE TYP.
SCALE: 1"50' H
1"=2.5'V

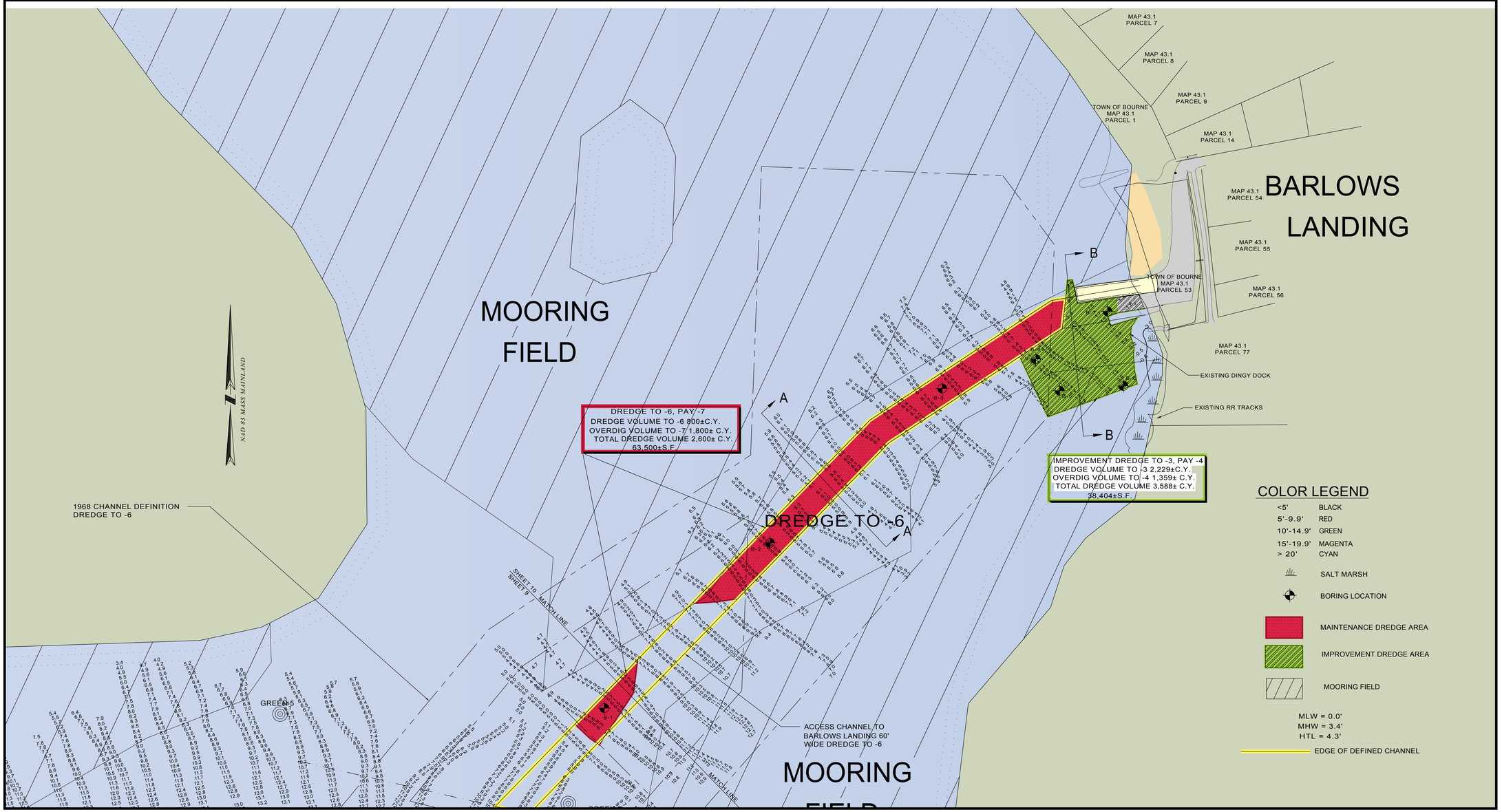


SECTION BB
BARLOWS LANDING (POCASSET HARBOR)
IMPROVEMENT DREDGE TYP.
SCALE: 1"50' H
1"=2.5'V

REFERENCE PLANS:

1. IICENSE #1999,
DEED BOOK 226, PAGE 342
PLAN BOOK 29, PAGE 141

2. LICENSE #2915
DEED BOOK 270, PAGE 230
PLAN BOOK 31, PAGE 25



CRAIG A. FIELD DATE
PROFESSIONAL LAND SURVEYOR

POCASSET HARBOR
LITTLE BAY
BARLOWS LANDING
AND
POCASSET RIVER
PLAN TO
ACCOMPANY A
DREDGING PERMIT
IN
BOURNE
MASSACHUSETTS
(BARNSTABLE COUNTY)

MAINTENANCE AND
IMPROVEMENT DREDGE
PLAN

JULY 27, 2015

REVISIONS:

NO.	DATE	DESC.

PREPARED FOR:
TOWN OF BOURNE
BOARD OF SELECTMEN
24 PERRY AVENUE
BOURNE, MA 02532

BSC GROUP
349 Route 28
Unit 6D
W. Yarmouth, MA 02673
508 778 8919

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SCALE: 1" = 100'
0 50 100 200 FEET

FILE: 8075-HYDRO.DWG
DWG. NO: 5931-2
JOB. NO: 48075.07
SHEET 10 OF 16

COLOR LEGEND

<5'	BLACK
5'-9.9'	RED
10'-14.9'	GREEN
15'-19.9'	MAGENTA
> 20'	CYAN

SALT MARSH

BORING LOCATION

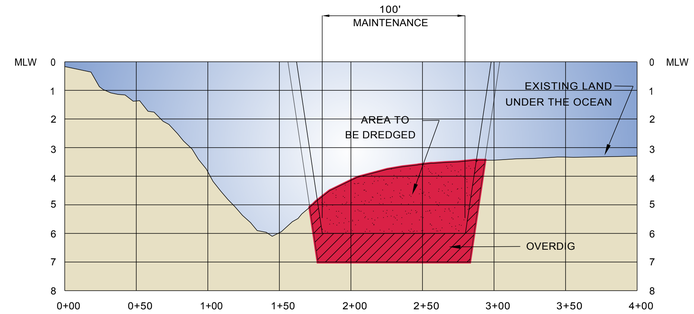
MAINTENANCE DREDGE AREA

IMPROVEMENT DREDGE AREA

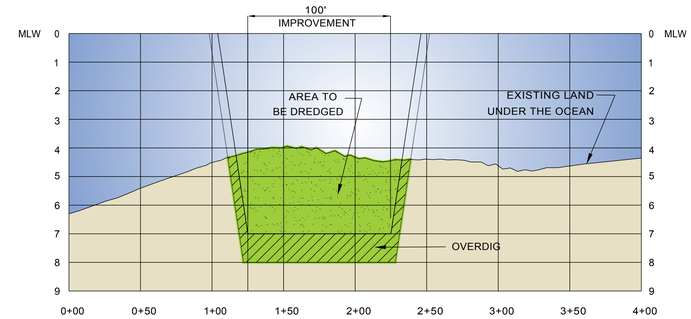
MOORING FIELD

MLW = 0.0'
MHW = 3.4'
HTL = 4.3'

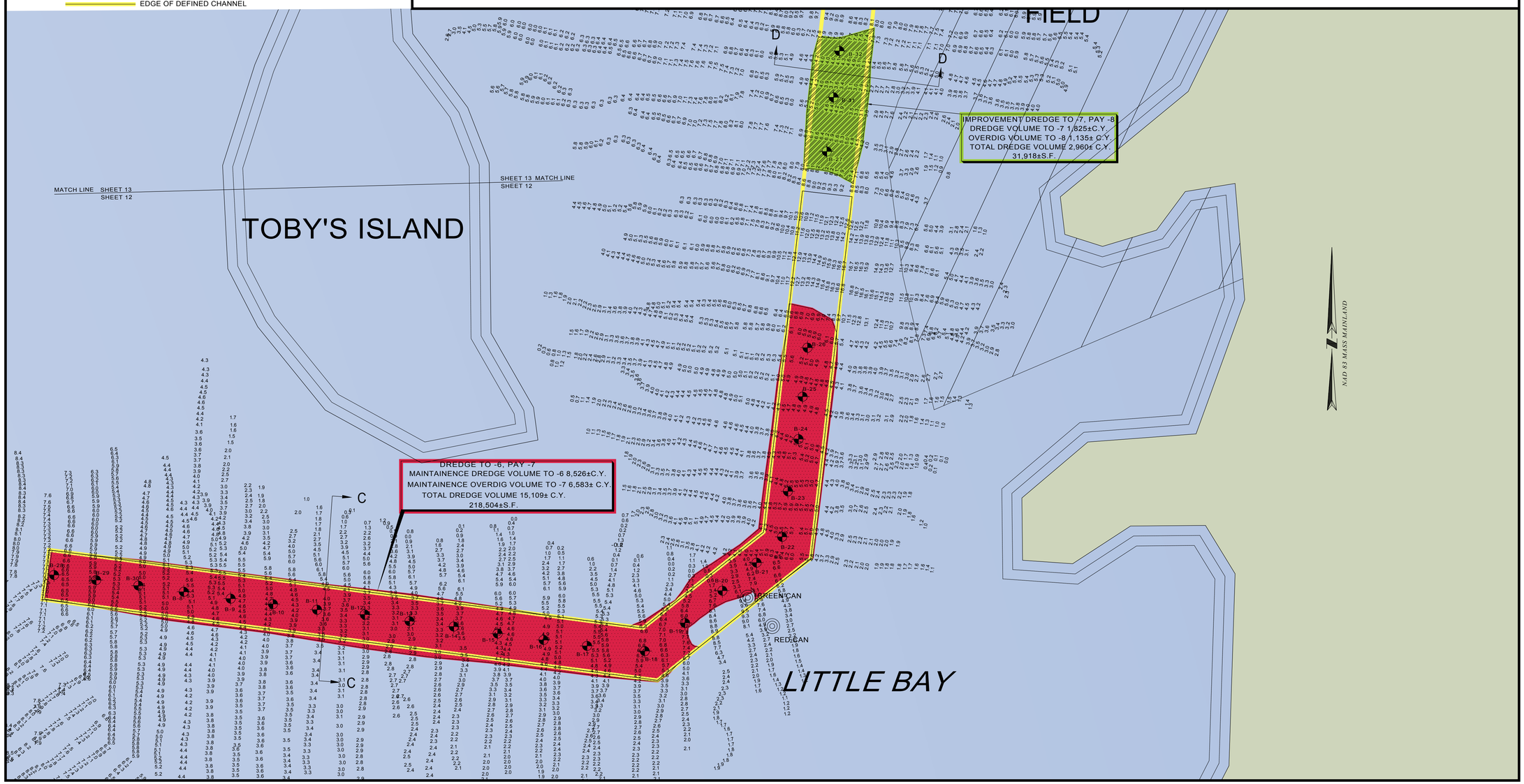
EDGE OF DEFINED CHANNEL



SECTION CC
LITTLE BAY
MAINTENANCE DREDGE TYP.
SCALE: 1"50' H
1"=2.5'V



SECTION DD
LITTLE BAY
IMPROVEMENT DREDGE TYP.
SCALE: 1"50' H
1"=2.5'V



CRAIG A. FIELD DATE
PROFESSIONAL LAND SURVEYOR

POCASSET HARBOR
LITTLE BAY
BARLOWS LANDING
AND
POCASSET RIVER
PLAN TO ACCOMPANY A DREDGING PERMIT
IN
BOURNE
MASSACHUSETTS
(BARNSTABLE COUNTY)

MAINTENANCE AND IMPROVEMENT DREDGE PLAN

JULY 27, 2015

REVISIONS:

NO.	DATE	DESC.
1.	8/24/15	DREDGE VOLUME REVISED

PREPARED FOR:
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BOARD OF SELECTMEN
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BSC GROUP
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508 778 8919

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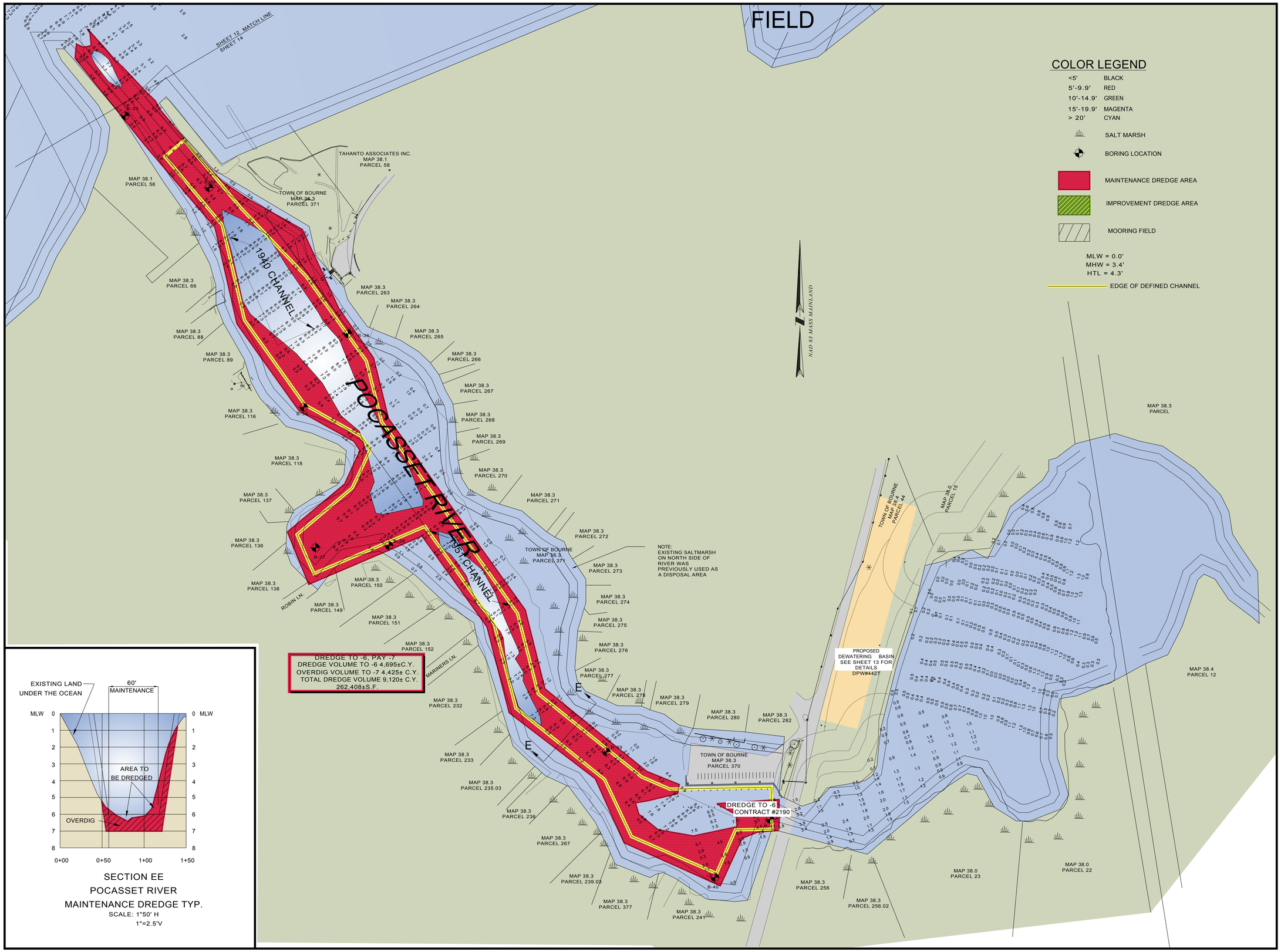
SCALE: 1" = 100'
0 50 100 200 FEET

FILE: 8075-HYDRO.DWG
DWG. NO: 5931-2
JOB. NO: 48075.07
SHEET 13 OF 16



SECTION EE
POCASSET RIVER
MAINTENANCE DREDGE TYP.
SCALE: 1"50' H
1"=2.5'V

CRAIG A. FIELD DATE
PROFESSIONAL LAND SURVEYOR

POCASSET HARBOR
LITTLE BAY
BARLOWS LANDING
AND
POCASSET RIVER
PLAN TO
ACCOMPANY A
DREDGING PERMIT
IN
BOURNE
MASSACHUSETTS
(BARNSTABLE COUNTY)

MAINTENANCE AND
IMPROVEMENT DREDGE
PLAN

JULY 27, 2015

REVISIONS:

NO.	DATE	DESC.

PREPARED FOR:
TOWN OF BOURNE
BOARD OF SELECTMEN
24 PERRY AVENUE
BOURNE, MA 02532

BSC GROUP
349 Route 28
Unit 6D
W. Yarmouth, MA 02673
508 778 8919

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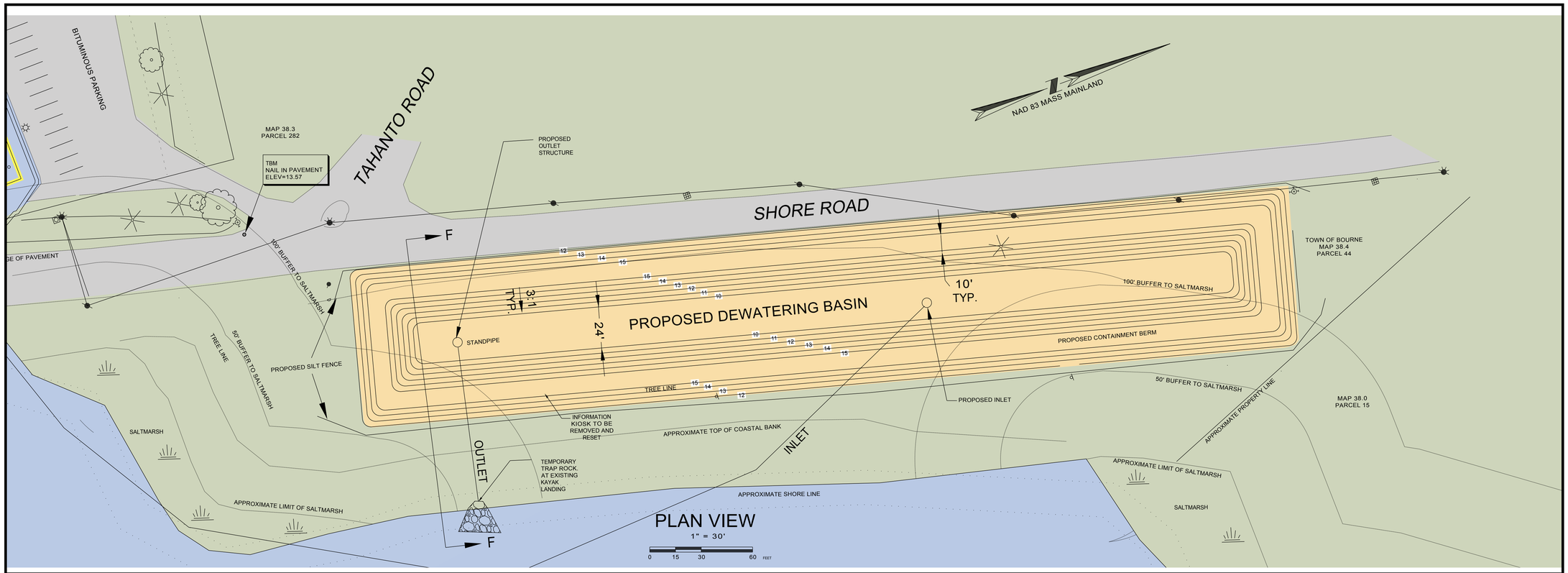
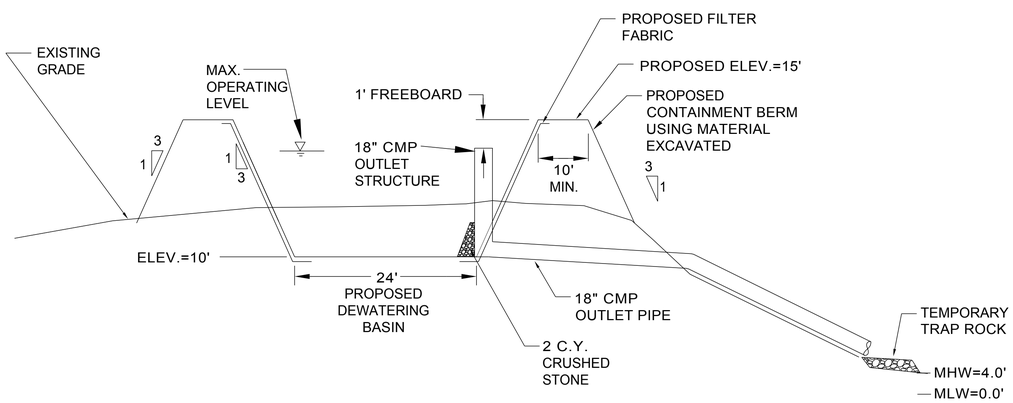
SCALE: 1" = 100'
0 50 100 200 FEET

FILE: 8075-HYDRO.DWG
DWG. NO: 5931-2
JOB. NO: 48075.07
SHEET 14 OF 16



PLAN VIEW

1" = 30'



SECTION FF: SHORE ROAD DEWATERING BASIN

NOT TO SCALE

DEWATERING NOTES:

1. DEWATERING BASIN TO BE FORMED USING ON SITE SOILS. AFTER DEWATERING, ALL NON-COMPATIBLE SOILS SHALL BE REMOVED FROM THE SITE.
2. ALL SLOPES TO BE 3:1 IN THE DEWATERING BASIN.
3. AREAS DISTURBED BY THE DEWATERING BASIN ARE TO BE RESTORED TO THEIR PRE-CONSTRUCTION CONDITION WHEN DREDGING ACTIVITIES ARE COMPLETED.
4. INSTALL 3/4" TO 1-1/2" CRUSHED STONE AROUND STANDPIPE FOR STABILITY AS REQUIRED.
5. AVAILABLE LAND AREA LIMITS THE SIZE OF THE DEWATERING BASIN, DEWATERING WILL REQUIRE PHASING

NOTES:

A. THE DEWATERING BASIN SHALL BE EXCAVATED SO THE DREDGE SPOILS DO NOT EXTEND ABOVE THE RIM OF THE OUTLET CONTROL STRUCTURE. SUITABLE MATERIAL THAT IS EXCAVATED FROM THE BASIN SHALL BE SPREAD ON THE BEACH AND UNSUITABLE MATERIAL DISPOSED OF AS REQUIRED.

B. DEWATERING BASIN IS THE LOCATION OF A FORMER DREDGE SPOIL AREA USED CIRCA 1961 LIC. PLAN 41207 RECORDED AT THE BARNSTABLE COUTY REGISTRY OF DEEDS IN BOOK 161, PAGE 59.

C. PROPERTY LINES ARE APPROXIMATE AND COMPILED FROM AVAILABLE INFORMATION.

CRAIG A. FIELD DATE
PROFESSIONAL LAND SURVEYOR

POCASSET HARBOR
LITTLE BAY
BARLOWS LANDING
AND
POCASSET RIVER
PLAN TO
ACCOMPANY A
DREDGING PERMIT
IN
BOURNE
MASSACHUSETTS
(BARNSTABLE COUNTY)

DEWATERING PLAN
SHORE ROAD

JULY 27, 2015

REVISIONS:

NO.	DATE	DESC.

PREPARED FOR:
TOWN OF BOURNE
BOARD OF SELECTMEN
24 PERRY AVENUE
BOURNE, MA 02532

BSC GROUP
349 Route 28
Unit 6D
W. Yarmouth, MA 02673
508 778 8919

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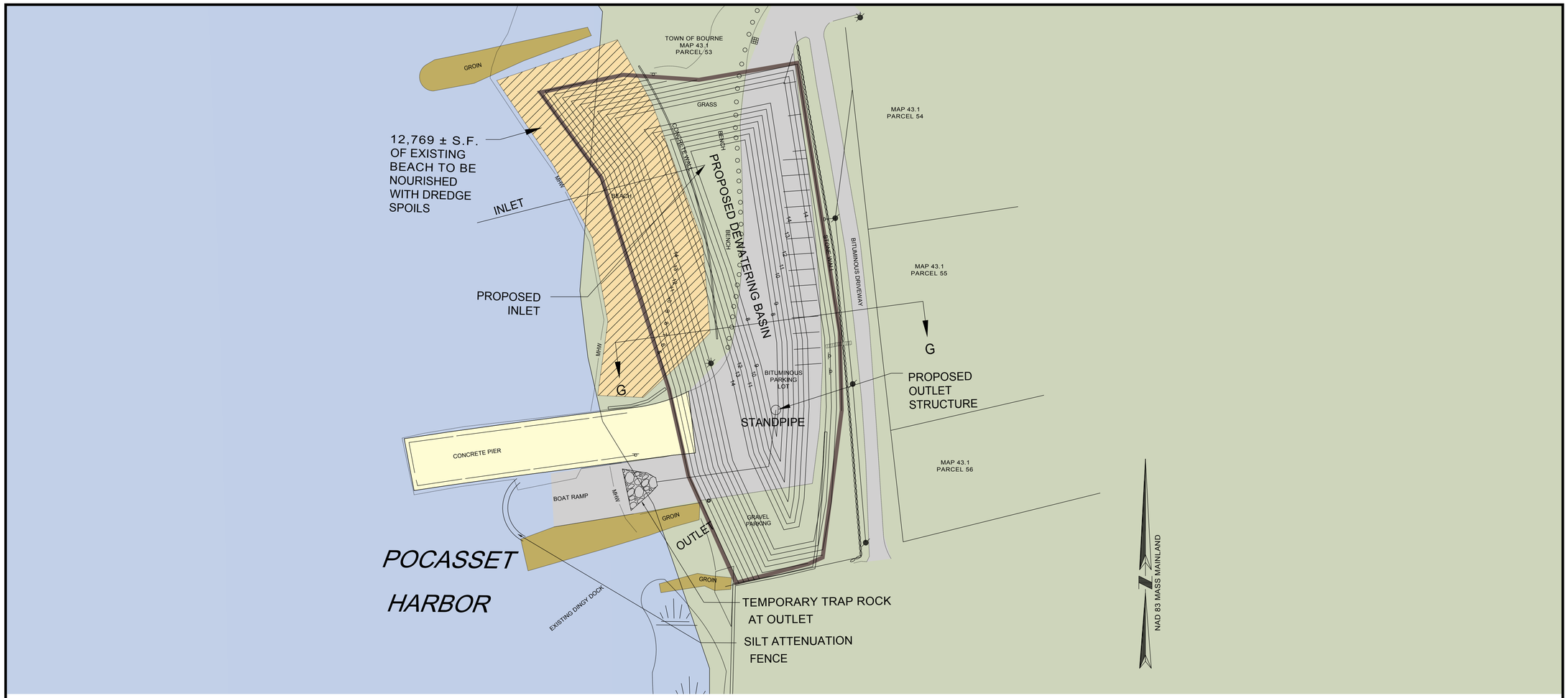
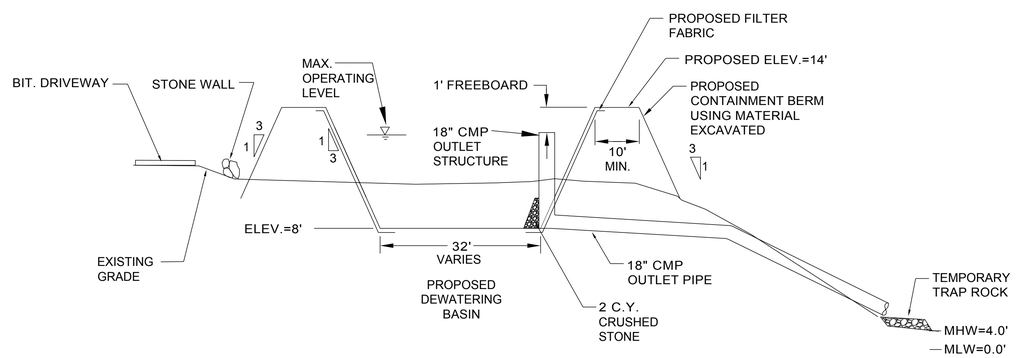
SCALE: 1" = 30'
0 15 30 60 FEET

FILE: 8075-HYDRO.DWG
DWG. NO: 5931-2
JOB. NO: 48075.07
SHEET 15 OF 16





NOTES:

A. THE DEWATERING BASIN SHALL BE EXCAVATED SO THE DREDGE SPOILS DO NOT EXTEND ABOVE THE RIM OF THE OUTLET CONTROL STRUCTURE. SUITABLE MATERIAL THAT IS EXCAVATED FROM THE BASIN SHALL BE SPREAD ON THE BEACH AND UNSUITABLE MATERIAL DISPOSED OF AS REQUIRED.

B. 12,769 S.F. OF EXISTING BEACH TO BE NOURISHED WITH DREDGE SPOILS

C. PROPERTY LINES ARE APPROXIMATE AND COMPILED FROM AVAILABLE INFORMATION.

DEWATERING NOTES:

1. DEWATERING BASIN TO BE FORMED USING ON SITE SOILS. AFTER DEWATERING, ALL NON-COMPATIBLE SOILS SHALL BE REMOVED FROM THE SITE.
2. ALL SLOPES TO BE 3:1 IN THE DEWATERING BASIN.
3. AREAS DISTURBED BY THE DEWATERING BASIN ARE TO BE RESTORED TO THEIR PRE-CONSTRUCTION CONDITION WHEN DREDGING ACTIVITIES ARE COMPLETED.
4. INSTALL 3/4" TO 1-1/2" CRUSHED STONE AROUND STANDPIPE FOR STABILITY AS REQUIRED.
5. AVAILABLE LAND AREA LIMITS THE SIZE OF THE DEWATERING BASIN, DEWATERING WILL REQUIRE PHASING

SECTION GG: BARLOWS LANDING DEWATERING BASIN

NOT TO SCALE

CRAIG A. FIELD DATE
PROFESSIONAL LAND SURVEYOR

POCASSET HARBOR
LITTLE BAY
BARLOWS LANDING
AND
POCASSET RIVER
PLAN TO
ACCOMPANY A
DREDGING PERMIT
IN
BOURNE
MASSACHUSETTS
(BARNSTABLE COUNTY)

DEWATERING PLAN
BARLOWS LANDING

JULY 27, 2015

REVISIONS:

NO.	DATE	DESC.

PREPARED FOR:
TOWN OF BOURNE
BOARD OF SELECTMEN
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BOURNE, MA 02532

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SCALE: 1" = 30'
0 15 30 60 FEET

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JOB. NO: 48075.07
SHEET 16 OF 16