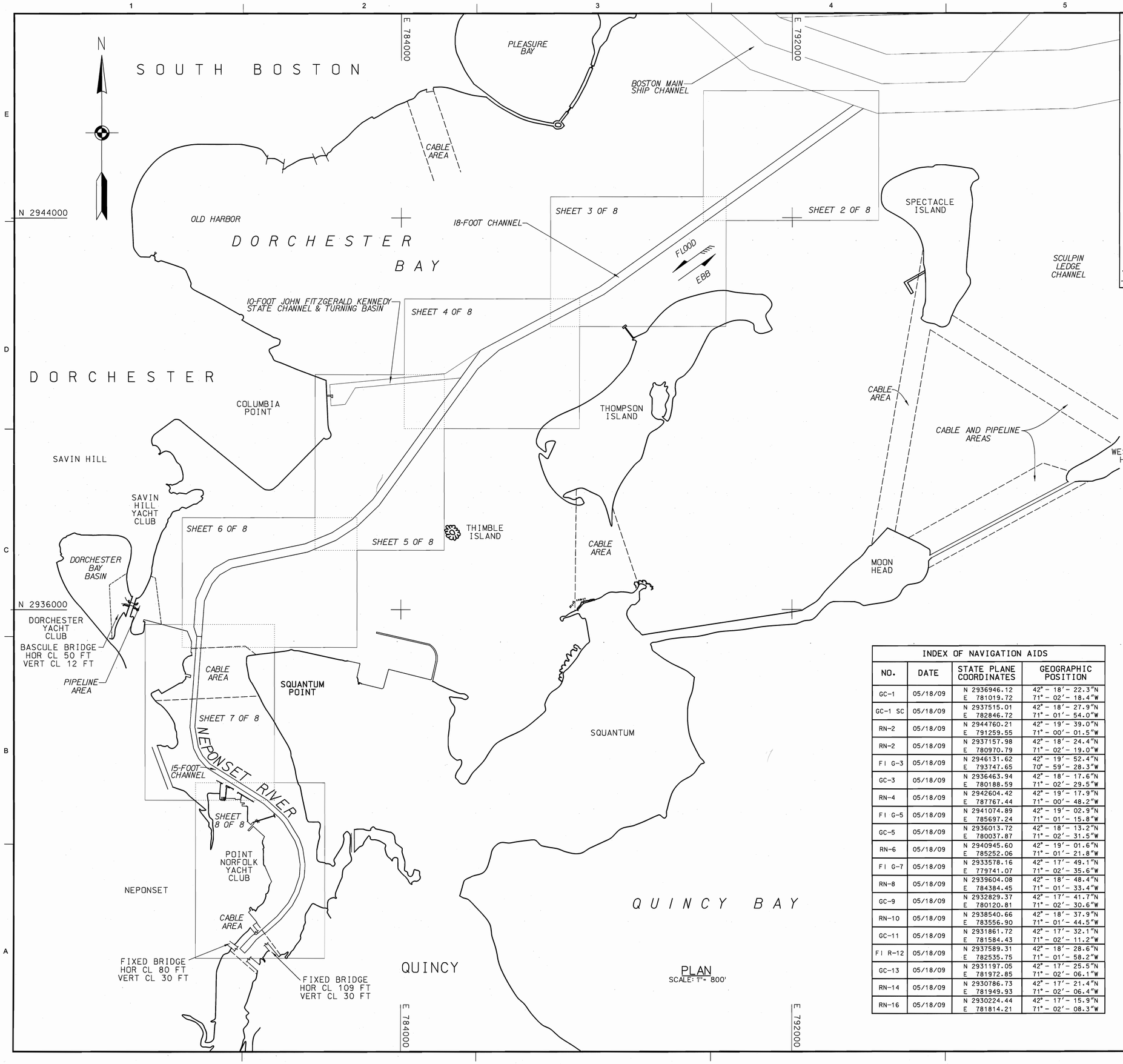
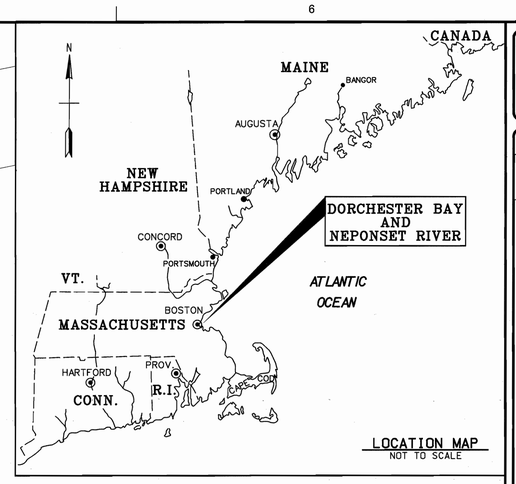


PLAN
SCALE: 1" = 800'



LOCATION MAP
NOT TO SCALE

GENERAL NOTES:

1. Soundings are in feet and tenths and refer to the plane of Mean Lower Low Water (MLLW) 1983-2001 Tidal Epoch.
2. Topography shown is from previous surveys and/or NOAA Chart No.13270. All topography, including shoreline, bridges, piers, etc., is located approximate unless otherwise noted and should be used as a general reference only.
3. Bench Mark Data: BM Fox is a Massachusetts Geodetic survey disk stamped "FOX", set in a 48" concrete monument, the top of which is 0.3' below ground. It is located on the east side of Morrissey Boulevard south of the Savin Hill Yacht Club. The station is 231' south of traffic light at entrance to Savin Hill Yacht Club (measured along the road), 36' east of the curb at the eastern edge of the north bound lane, 48.1' northeast of x-cut in rim of electric manhole, 68.09' southeast of x-cut in rim of another electric manhole. Elevation is 14.97 feet above MLLW.
4. Coordinates shown are based on the Lambert Grid System for the Commonwealth of Massachusetts (Mainland 2001 Zone) & NAD 1983.
5. Survey was performed using a Reson 8124 multibeam echosounder system with a 200 kHz transducer. Horizontal positioning and vertical depths were obtained utilizing a Leica 1200 GPS system. RTK base station MTS Imax was utilized for this survey using a NAVD88 to MLLW correction of 5.68'
6. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during May and November 2009.
7. The sounding information depicted on these maps should NOT be used to determine volumes. Volumes are determined from more sounding information than shown. Additional sounding information is available upon request.
8. The information depicted on these maps represents the results of surveys made on the dates indicated, and can only be considered as indicating the general conditions existing at that time.
9. Field Book: R&H 4313A
   15-foot depth contour shown thus:
   18-foot depth contour shown thus:
   Refer to Survey No. 10-1040
   Surveyed by: Jeff W. Preston and crew

INDEX OF NAVIGATION AIDS

NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
GC-1	05/18/09	N 2936946.12 E 781019.72	42° - 18′ - 22.3″N 71° - 02′ - 18.4″W
GC-1 SC	05/18/09	N 2937515.01 E 782846.72	42° - 18′ - 27.9″N 71° - 01′ - 54.0″W
RN-2	05/18/09	N 2944760.21 E 791259.55	42° - 19′ - 39.0″N 71° - 00′ - 01.5″W
RN-2	05/18/09	N 2937157.98 E 780970.79	42° - 18′ - 24.4″N 71° - 02′ - 19.0″W
Fl G-3	05/18/09	N 2946131.62 E 793747.65	42° - 19′ - 52.4″N 70° - 59′ - 28.3″W
GC-3	05/18/09	N 2936463.94 E 780188.59	42° - 18′ - 17.6″N 71° - 02′ - 29.5″W
RN-4	05/18/09	N 2942604.42 E 787767.44	42° - 19′ - 17.9″N 71° - 00′ - 48.2″W
Fl G-5	05/18/09	N 2941074.89 E 785697.24	42° - 19′ - 02.9″N 71° - 01′ - 15.8″W
GC-5	05/18/09	N 2936013.72 E 780037.87	42° - 18′ - 13.2″N 71° - 02′ - 31.5″W
RN-6	05/18/09	N 2940945.60 E 785252.06	42° - 19′ - 01.6″N 71° - 01′ - 21.8″W
Fl G-7	05/18/09	N 2933578.16 E 779741.07	42° - 17′ - 49.1″N 71° - 02′ - 35.6″W
RN-8	05/18/09	N 2939604.08 E 784384.45	42° - 18′ - 48.4″N 71° - 01′ - 33.4″W
GC-9	05/18/09	N 2932829.37 E 780120.81	42° - 17′ - 41.7″N 71° - 02′ - 30.6″W
RN-10	05/18/09	N 2938540.66 E 783556.90	42° - 18′ - 37.9″N 71° - 01′ - 44.5″W
GC-11	05/18/09	N 2931861.72 E 781584.43	42° - 17′ - 32.1″N 71° - 02′ - 11.2″W
Fl R-12	05/18/09	N 2937589.31 E 782535.75	42° - 18′ - 28.6″N 71° - 01′ - 58.2″W
GC-13	05/18/09	N 2931197.05 E 781972.85	42° - 17′ - 25.5″N 71° - 02′ - 06.1″W
RN-14	05/18/09	N 2930786.73 E 781949.93	42° - 17′ - 21.4″N 71° - 02′ - 06.4″W
RN-16	05/18/09	N 2930224.44 E 781814.21	42° - 17′ - 15.9″N 71° - 02′ - 08.3″W

SAFETY PAYS

GRAPHIC SCALE:
800 0 800 1600
1" = 800'

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U.S. ARMY CORPS OF ENGINEERS
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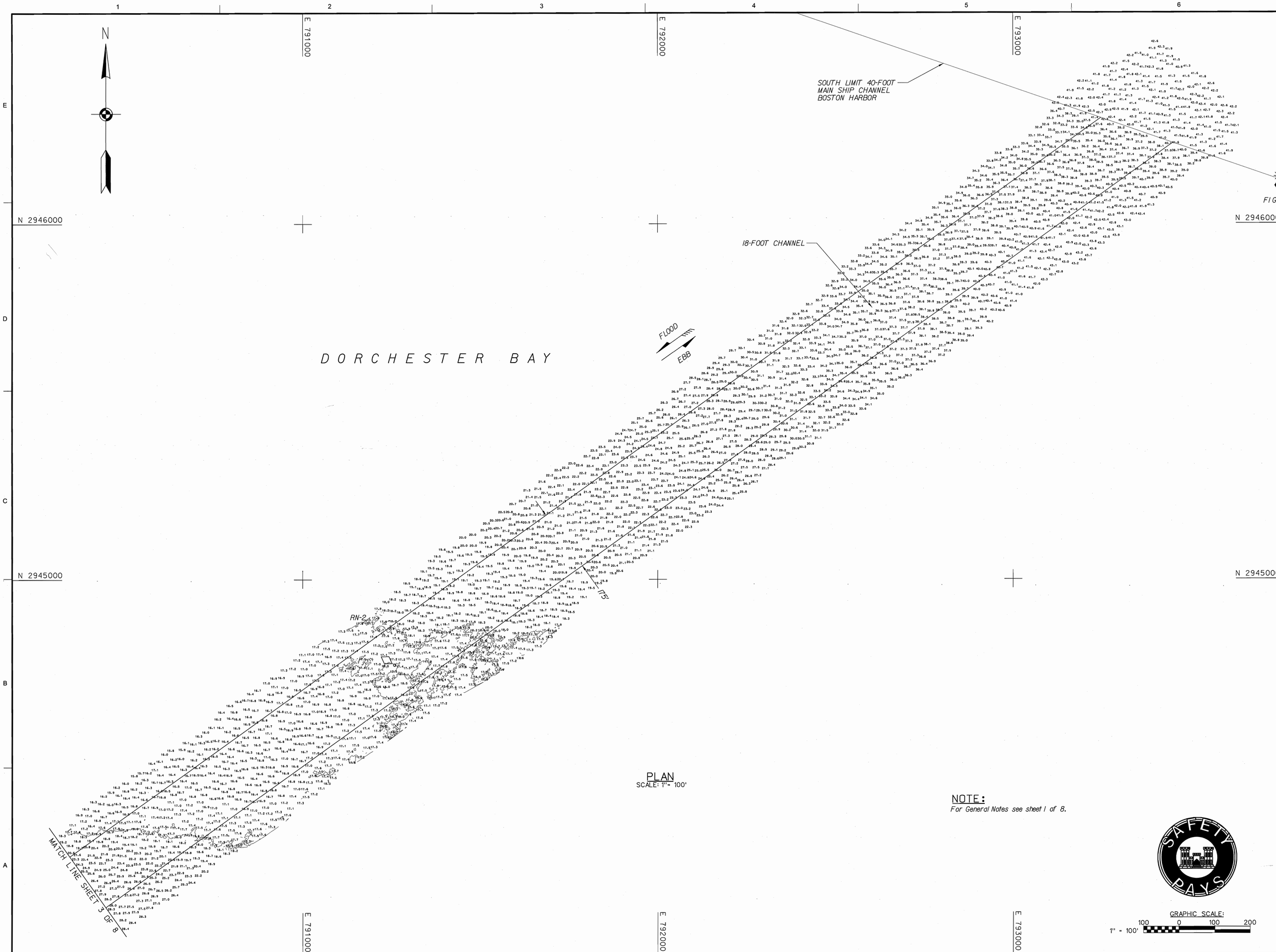
DATE: 4/26/2011
REVIEWED BY: Mark C. Cameron, Supervisor
SUBMITTED BY: Chief, Survey Section
PLOT SCALE: 1" = 800'
PLOT DATE: 1/06/2011
DRAWING CODE: DCR13B
DWN BY: CSD
CKD BY: BRK
VAULT: 1
DESIGN FILE: DCR13B13.DGN
DRAWING CODE: D4T-38
SIZE: ANSI F
FILE NAME: DCR13B13.S01

DORCHESTER BAY AND NEPONSET RIVER
BOSTON AND QUINCY, MASSACHUSETTS
CONDITION SURVEY
15 & 18-FOOT CHANNELS

SHEET IDENTIFICATION
V-101
SHEET 1 OF 8

SCANNED RECORD APR. 2011



PLAN
SCALE: 1" = 100'

NOTE:
For General Notes see sheet 1 of 8.

GRAPHIC SCALE:
1" = 100'
100 0 100 200

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MARK	DESCRIPTION	DATE	APPR

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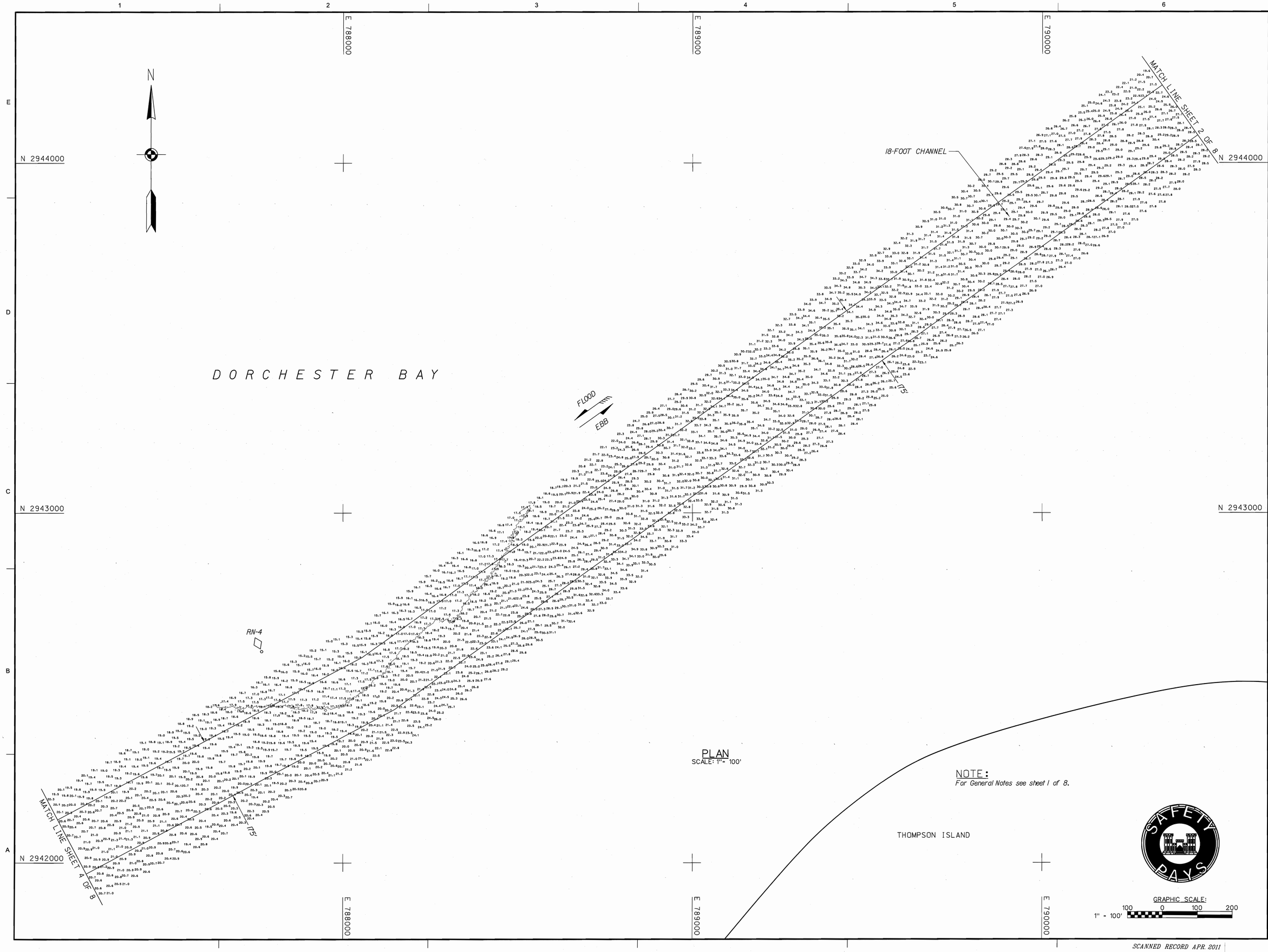
REVIEWED BY: Ann Marie Bowden
SUBMITTED BY: Chief, Engineering Division
DATE: 4/06/2011
DWN BY: VJG
CKD BY: SWK
DESIGN FILE: DORHSP3.DGN
DRAWING CODE: D-N138
PLOT SCALE: 1" = 100'
PLOT DATE: 4/06/2011
SIZE: ANSI F
FILE NAME: DOR138V102.S02

DORCHESTER BAY AND NEPONSET RIVER
BOSTON AND QUINCY, MASSACHUSETTS
CONDITION SURVEY
15 & 18-FOOT CHANNELS

SHEET IDENTIFICATION
V-102
SHEET 2 OF 8

SCANNED RECORD APR. 2011



PLAN
SCALE: 1" = 100'

NOTE:
For General Notes see sheet 1 of 8.

GRAPHIC SCALE:
100 0 100 200
1" = 100'

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MARK	DESCRIPTION	DATE	APPR

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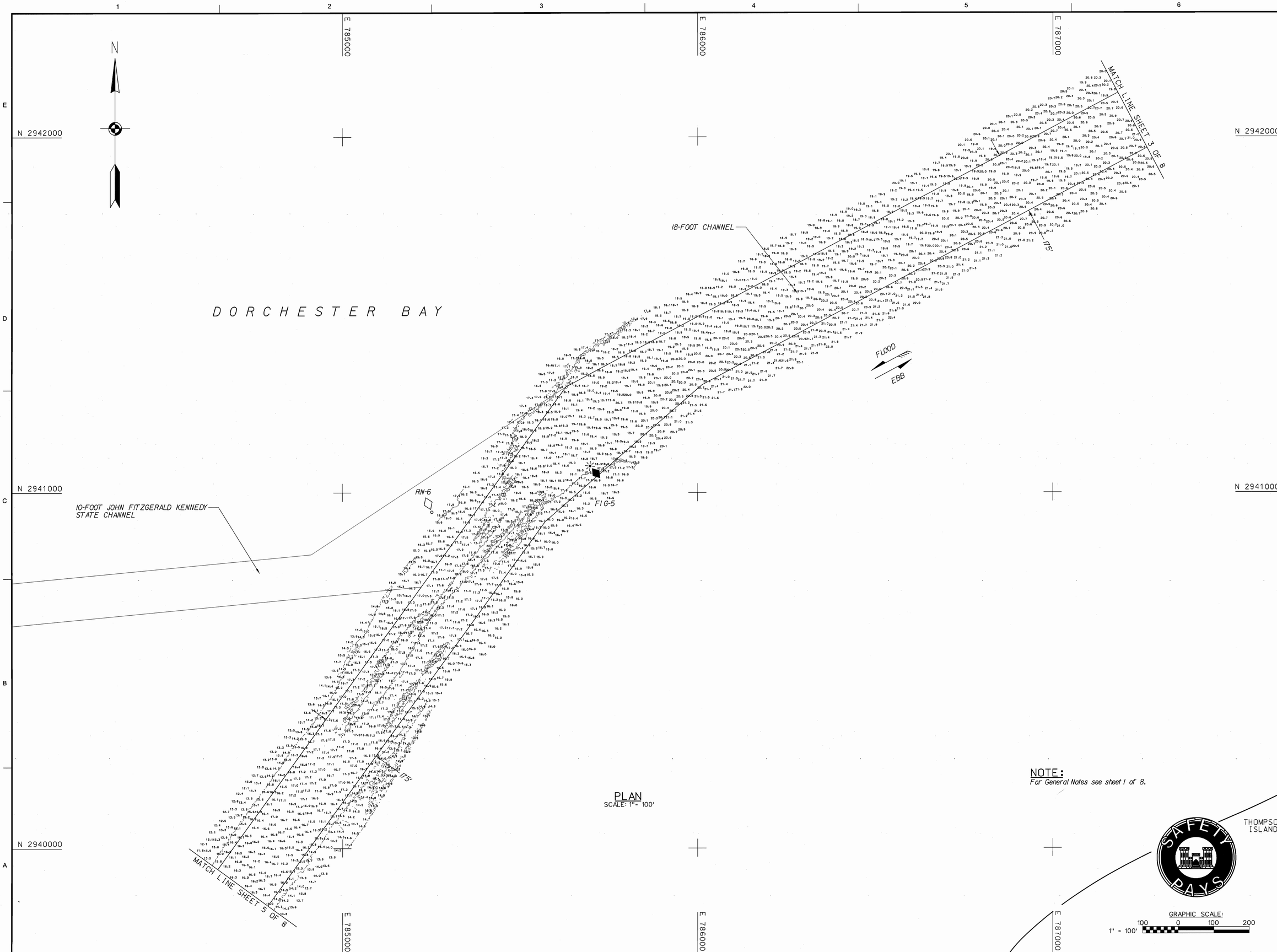
REVIEWED BY: Asst. Chief, Survey Section
SUBMITTED BY: Chief, Survey Section
DATE: 11/16/2011
DWN BY: VAS
CKD BY: SWK
DESIGN FILE: DORHSP3.DGN
DRAWING CODE: D-N138
PLOT SCALE: 1" = 100'
PLOT DATE: 4/06/2011
SIZE: ANSI F
FILE NAME: DOR138V103.S03

DORCHESTER BAY AND NEPONSET RIVER
BOSTON AND QUINCY, MASSACHUSETTS
CONDITION SURVEY

15 & 18-FOOT CHANNELS

SHEET IDENTIFICATION
V-103
SHEET 3 OF 8

SCANNED RECORD APR. 2011



PLAN
SCALE: 1" = 100'

NOTE:
For General Notes see sheet 1 of 8.

GRAPHIC SCALE:
1" = 100'
100 0 100 200

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REVIEWED BY: Asst. Chief, Survey Section
DATE: 4/16/2011
DWN BY: V.G.
CKD BY: SWK
DESIGN FILE: DORHSP3.DGN
DRAWING CODE: D-N138
PLOT SCALE: 1" = 100'
PLOT DATE: 4/06/2011
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SIZE: ANSI F

DORCHESTER BAY AND NEPONSET RIVER
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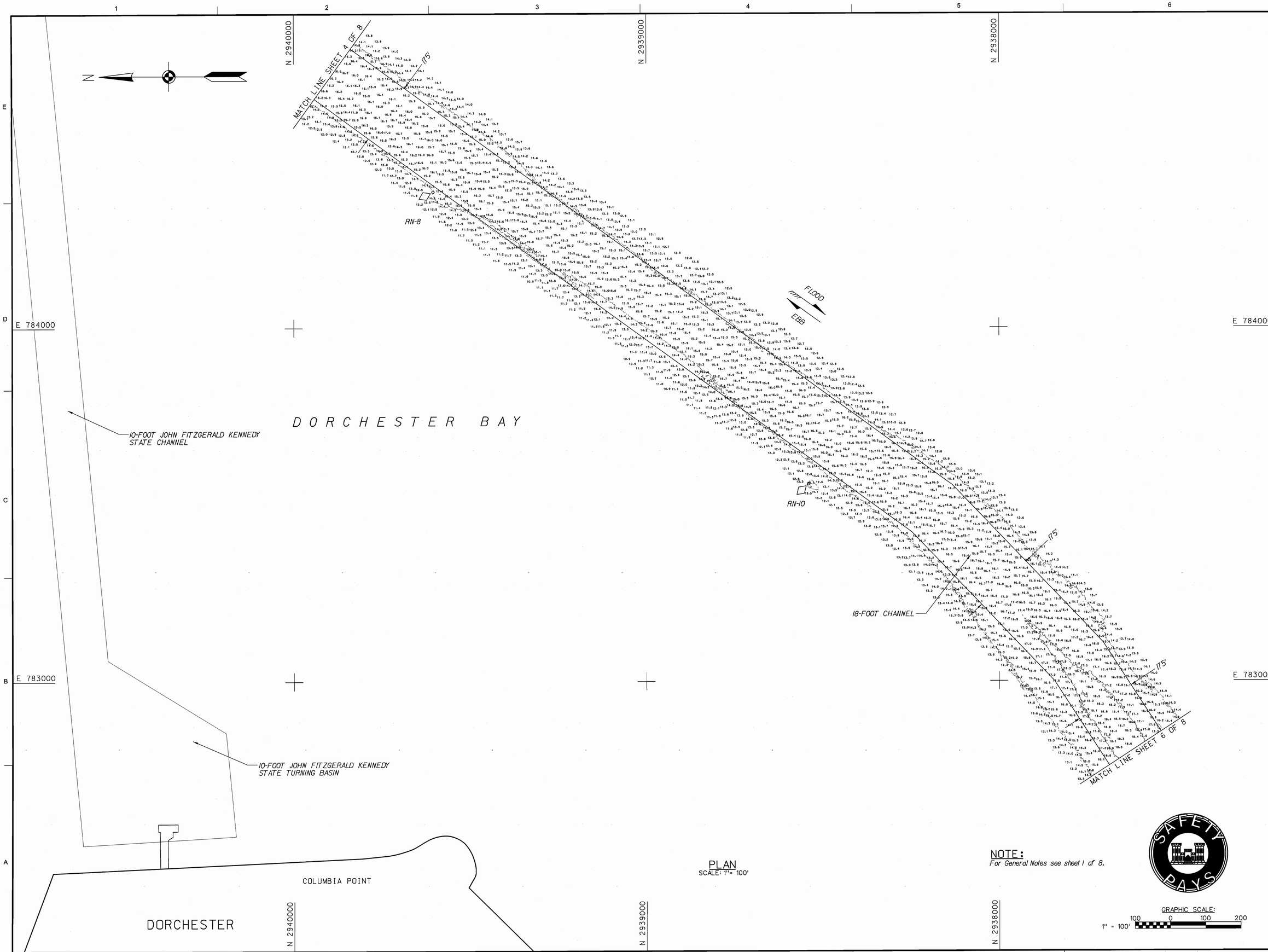
CONDITION SURVEY
15 & 18-FOOT CHANNELS

SHEET IDENTIFICATION
V-104
SHEET 4 OF 8

SCANNED RECORD APR. 2011



PLAN
SCALE: 1" = 100'

NOTE:
For General Notes see sheet 1 of 8.

GRAPHIC SCALE:
1" = 100'
100 0 100 200

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REVIEWED BY: Asst. Chief, Survey Section
SUBMITTED BY: Chief, Survey Section
DATE: 4/06/2011
DWN BY: VJS
CKD BY: SWK
DESIGN FILE: DORHSP3.DGN
DRAWING CODE: D-N138
PLOT SCALE: 1" = 100'
PLOT DATE: 4/06/2011
FILE NAME: DOR138V105.S05
SIZE: ANSI F

DORCHESTER BAY AND NEPONSET RIVER
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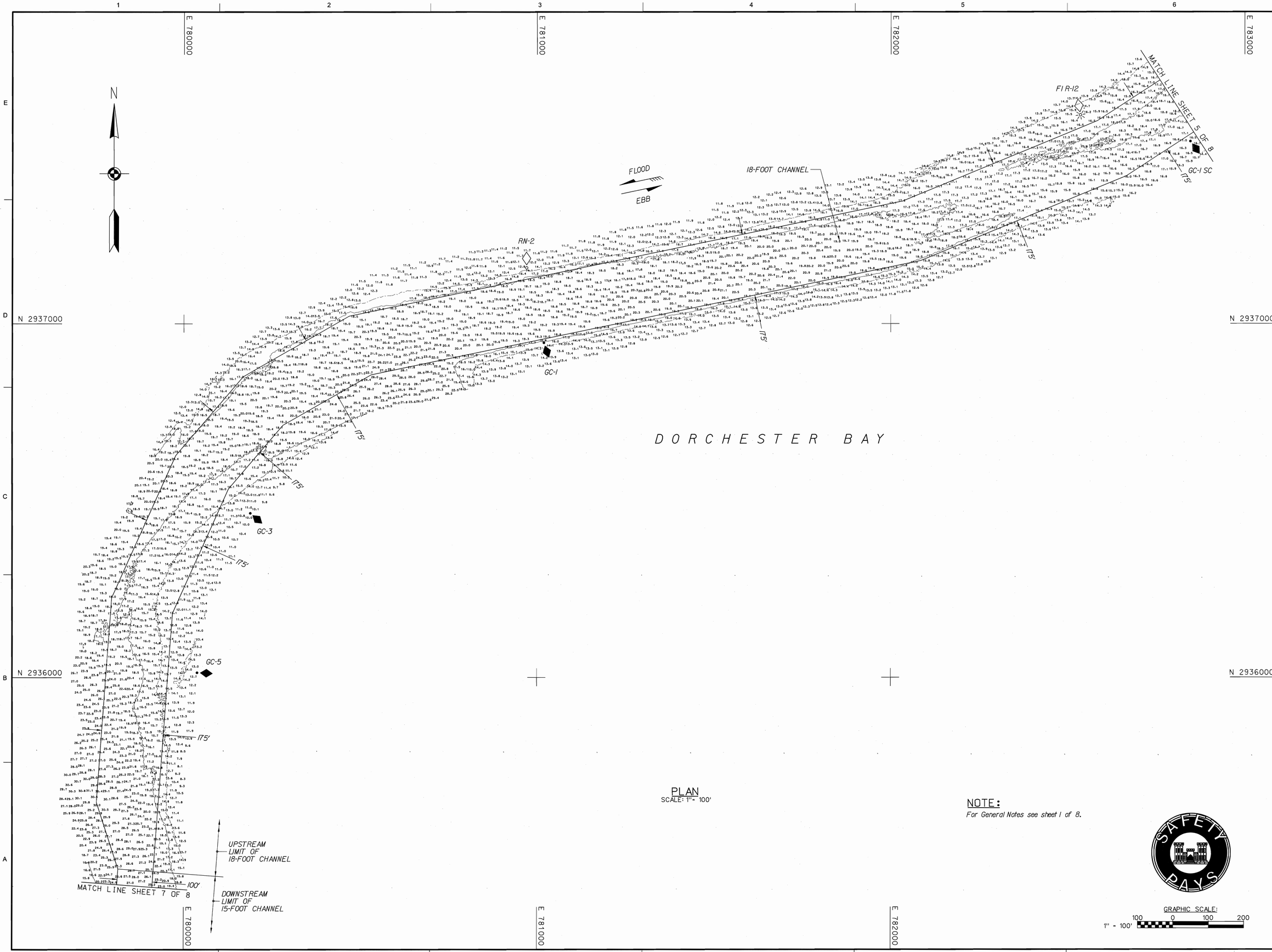
CONDITION SURVEY
15 & 18-FOOT CHANNELS

SHEET IDENTIFICATION
V-105
SHEET 5 OF 8

SCANNED RECORD APR. 2011



PLAN
SCALE: 1"= 100'

NOTE:
For General Notes see sheet 1 of 8.

GRAPHIC SCALE:
1" = 100'
100 0 100 200

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REVIEWED BY: Kathleen Dickson
Asst. Chief, Surveys Section
SUBMITTED BY: Jeffrey Sheldon
Chief, Surveys Section

DATE: 4/06/2011
DWN BY: VJG
CKD BY: SWK
DESIGN FILE: DORNSP3.DGN
DRAWING CODE: D-N138
PLOT SCALE: 1" = 100'
PLOT DATE: 4/06/2011
FILE NAME: DOR138V106.S06
SIZE: ANSI F

DORCHESTER BAY AND NEPONSET RIVER
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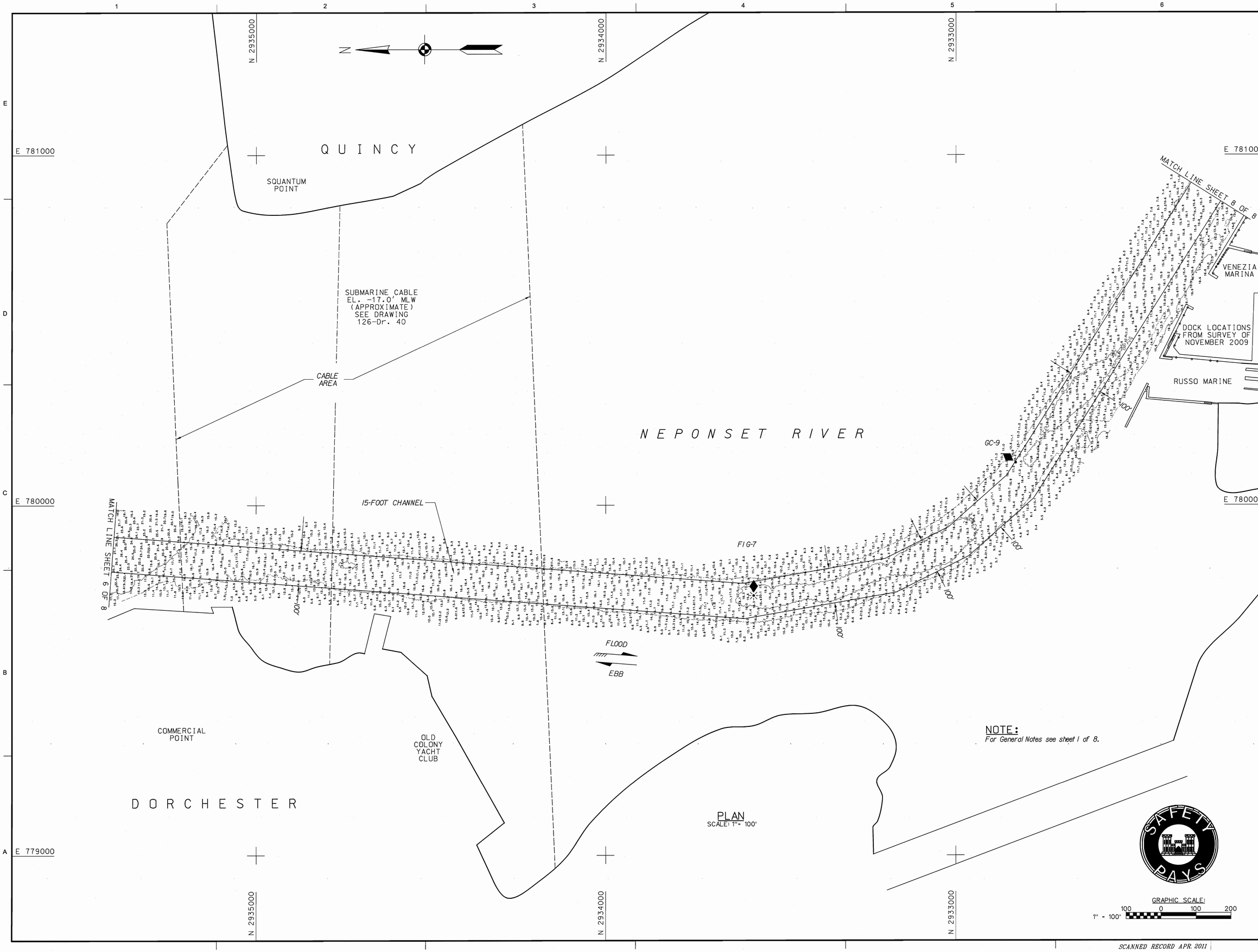
CONDITION SURVEY
15 & 18-FOOT CHANNELS

SHEET IDENTIFICATION
V-106
SHEET 6 OF 8

SCANNED RECORD APR. 2011



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REVIEWED BY: Kurt Dunham
Asst. Chief, Survey Section
SUBMITTED BY: Kurt Dunham
Chief, Survey Section
DATE: 4/06/2011
DWN BY: VJG
CKD BY: SWK
DESIGN FILE: DORHSP3.DGN
DRAWING CODE: D-N138
PLOT SCALE: 1" = 100'
PLOT DATE: 4/06/2011
SIZE: ANSI F
FILE NAME: DOR138V107.S07

DORCHESTER BAY AND NEPONSET RIVER
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CONDITION SURVEY
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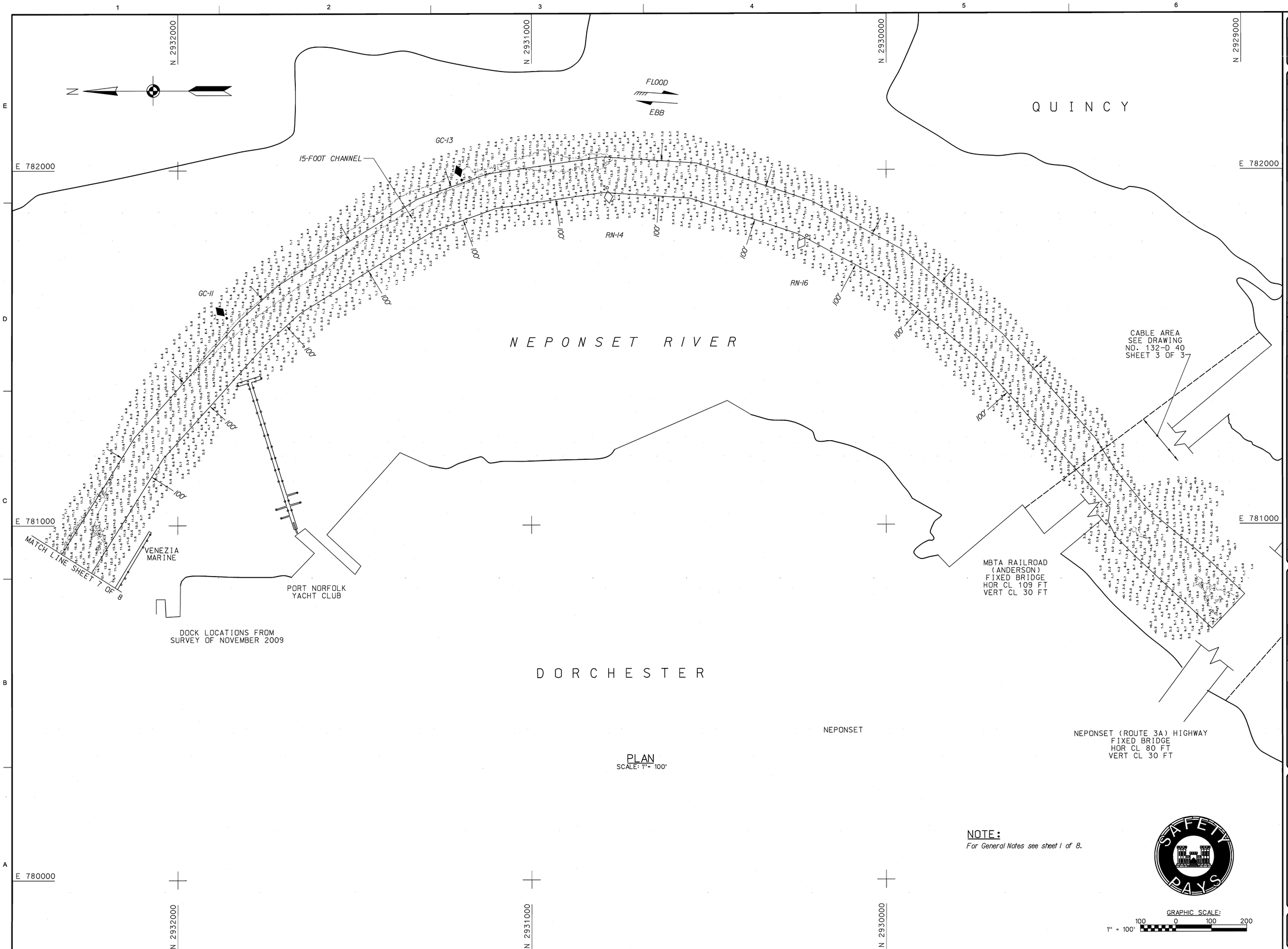
SHEET IDENTIFICATION
V-107
SHEET 7 OF 8

SCANNED RECORD APR. 2011



PLAN
SCALE: 1" = 100'

NOTE:
For General Notes see sheet 1 of 8.

GRAPHIC SCALE:
1" = 100'
100 0 100 200

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DATE: 4/06/2011
DWN BY: VAG
CKD BY: SWK
DESIGN FILE: DORHSP3.DGN
DRAWING CODE: D-N138
PLOT SCALE: 1" = 100'
PLOT DATE: 4/06/2011
FILE NAME: DOR138V108.Sdg
SIZE: ANSI F

DORCHESTER BAY AND NEPONSET RIVER
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CONDITION SURVEY
15 & 18-FOOT CHANNELS

SHEET IDENTIFICATION
V-108
SHEET 8 OF 8

SCANNED RECORD APR. 2011