PAWTUCKET

E 355000

PLAN
SCALE: 1"= 800'

INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
RN-2	9/04/12	N 266290.38 E 356450.21	41° - 48' - 50.8"N 71° - 23' - 45.4"W
RN-4	9/04/12	N 266758.28 E 356871.42	41° - 48' - 55.4"N 71° - 23' - 39.8"W
RN-6	9/04/12	N 267165.62 E 357543.10	41° - 48' - 59.4"N 71° - 23' - 30.9"W
GC-1	9/04/12	N 268914.47 E 358834.13	41° - 49' - 16.7"N 71° - 23' - 13.9"W
RN-2	9/04/12	N 269333.75 E 359120.95	41° - 49' - 20.8"N 71° - 23' - 10.1"W
RN-6	9/04/12	N 273787.63 E 361731.64	41° - 50' - 04.8"N 71° - 22' - 35.5"W
GC-7	9/04/12	N 274834.45 E 362065.03	41° - 50' - 15.1"N 71° - 22' - 31.1"W
RN-8	9/04/12	N 274944.02 E 362288.69	41° - 50' - 16.2"N 71° - 22' - 28.1"W
GC-11	9/04/12	N 276223.96 E 362699.17	41° - 50' - 28.8"N 71° - 22' - 22.7"W
GC-13	9/04/12	N 277010.35 E 362929.96	41° - 50' - 36.6"N 71° - 22' - 19.6"W
GC-17	9/04/12	N 279046.70 E 362423.91	41° - 50' - 56.7"N 71° - 22' - 26.3"W
RN-18	9/04/12	N 279420.64 E 362408.40	41° - 51' - 00.4"N 71° - 22' - 26.5"W
GC-19	9/04/12	N 280796.68 E 361979.23	41° - 51' - 14.0"N 71° - 22' - 32.1"W
GC-21	9/04/12	N 282277.47 E 361593.08	41° - 51' - 28.6"N 71° - 22' - 37.2"W
RN-22	9/04/12	N 282344.18 E 361766.30	41° - 51' - 29.3"N 71° - 22' - 34.9"W
GC-23	9/04/12	N 283411.46 E 361325.60	41° - 51' - 39.8"N 71° - 22' - 40.7"W
GC-27	9/04/12	N 285070.00 E 360862.18	41° - 51' - 56.2"N 71° - 22' - 46.8"W

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. 13224. 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: Tides were recorded using RTK GPS. A Hypack KTD file was created from MLLW to NAVD88 corrections established or published in the vicinity of NOAA Bench Marks at Rumford, Seekonk River, Rhode Island (Station ID. 8453433, 4/21/2003), and Providence, Providence River, Rhode Island (Station ID. 88454000, 4/21/2003). The corrections are 2.66 feet at Rumford and 2.38 feet at Providence. No tide gauges were used on this project.
4. Coordinates shown are based on the Transverse Mercator Grid System for the State of Rhode Island (Zone 3800) and NAD 1983.
5. Survey was performed using an Reson 7125 multibeam sonar system with a 400 kHZ transducer. Horizontal positioning and vertical depths were recorded utilizing a Leica 1200 GPS System. Station Bold (2012) and MTS Rumford were used as RTK Base Stations for this project.
6. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted from May thru August 2012.
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. The location information of Docks, Floats, Piers, Bulkheads and Miscellaneous Structures shown on these maps are based on the Survey of June 2006 and Febtuary thru September 2012.
10. Field Books: R&H 3128 and 4485
16-foot depth contour shown thus: ——————
Surveyed by Jeffrey W. Preston and crew
Refer to Survey No. 12-1230

N 280000 N 270000

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

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR.

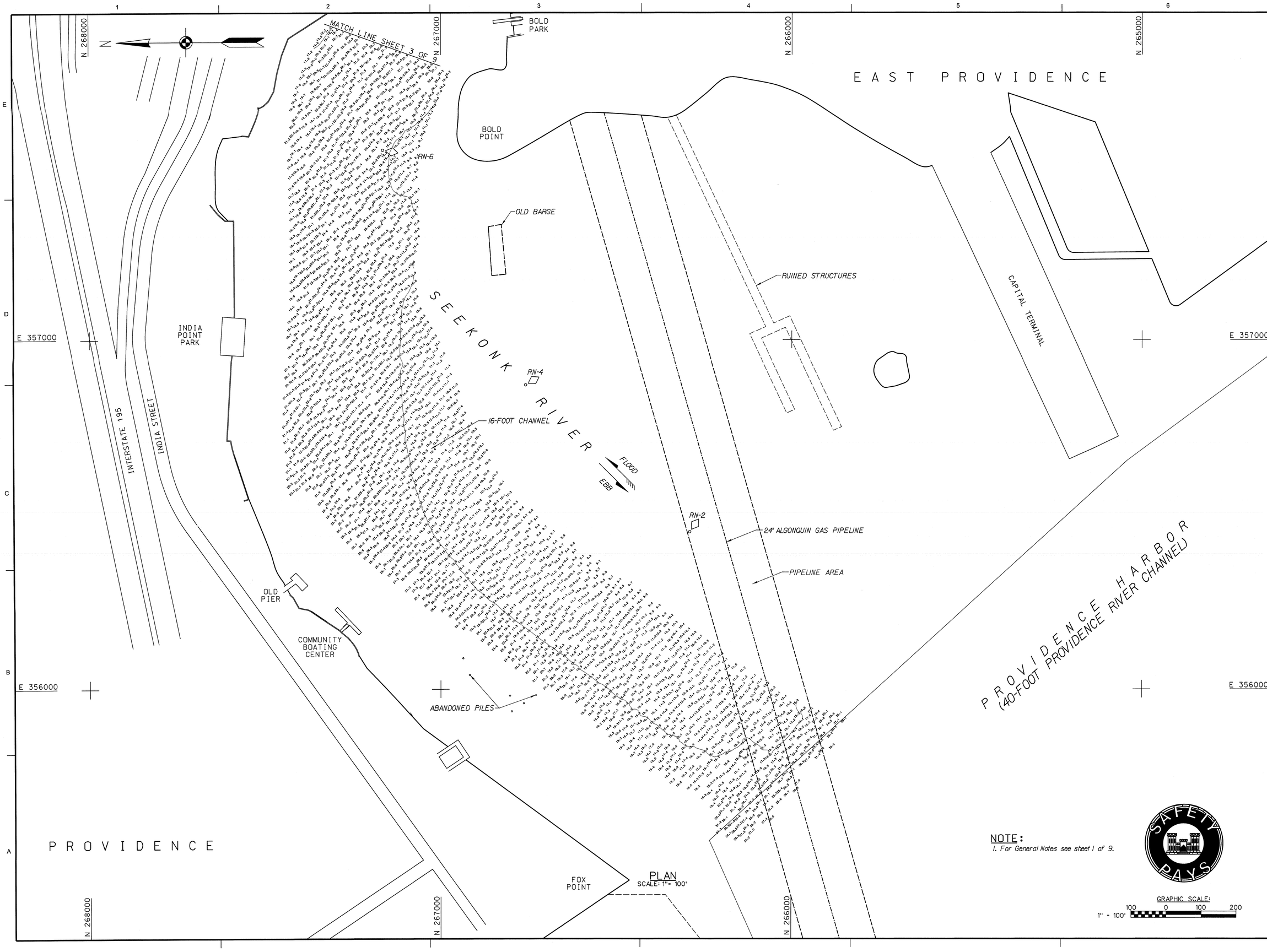
U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
www.nae.usace.army.mil

REVIEWED BY: Jeffrey Preston, Asst. Chief, Survey Section
SUBMITTED BY: Jeffrey Preston for Chief, Survey Section
DATE: 7/3/2013
DWN BY: SWK
CKD BY: JWP
DESIGN FILE: SEEHSP3.DGN
PLOT SCALE: 1" = 800'
PLOT DATE: 7/03/2013
DRAWING CODE: SEE-197
SIZE: ANSI F
FILE NAME: SEE197V101.S01

SEEKONK RIVER
PAWTUCKET, PROVIDENCE AND
EAST PROVIDENCE, RHODE ISLAND
CONDITION SURVEY

16-FOOT CHANNEL

SHEET IDENTIFICATION
V-101
SHEET 1 OF 9



NOTE:
1. For General Notes see sheet 1 of 9.

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR
1	ACCORDANCE W/MODIFICATION NO. 1	03/27/2008	TSR

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
www.nae.usace.army.mil

REVIEWED BY: Jeffrey Preston
Lead, Chief, Survey Section
SUBMITTED BY: Jeffrey Preston
Chief, Survey Section
PLOT SCALE: 1" = 100'
PLOT DATE: 7/03/2013
DATE: 7/3/2013
DWN BY: SWK
CKD BY: JWP
DESIGN FILE: SEEHSP3.DGN
DRAWING CODE: SEE-197
SIZE: ANSI F
FILE NAME: SEE197V102.592

SEEKONK RIVER
PAWTUCKET, PROVIDENCE AND
EAST PROVIDENCE, RHODE ISLAND
CONDITION SURVEY

16-FOOT CHANNEL

SHEET IDENTIFICATION
V-102
SHEET 2 OF 9

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR.

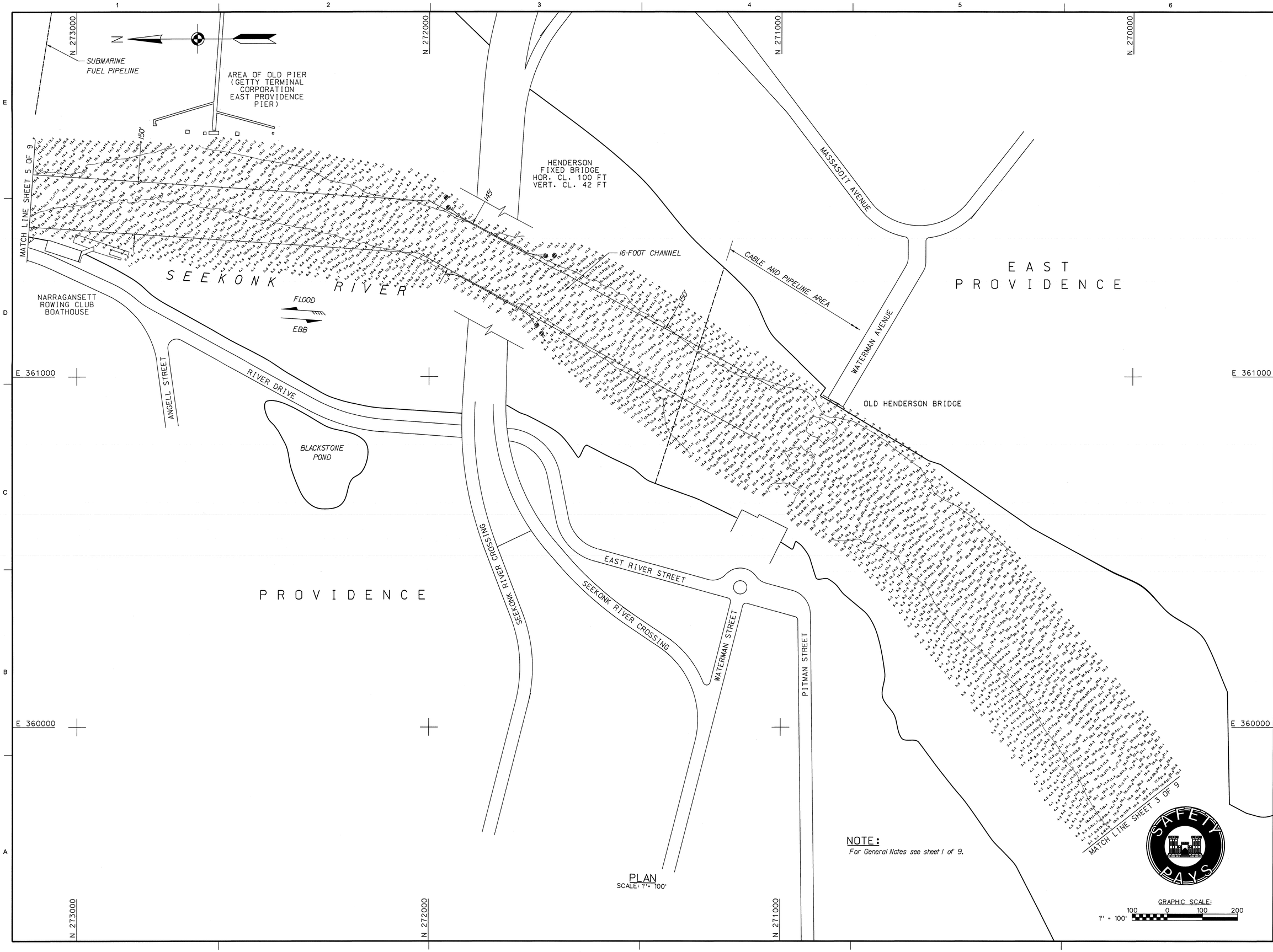
U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
www.nae.usace.army.mil

REVIEWED BY: Jeffrey Preston, Asst. Chief, Survey Section
DATE: 7/3/2013
SUBMITTED BY: Jeffrey Preston for Chief, Survey Section
DWN BY: SWK
CKD BY: JWP
DESIGN FILE: SEEHSP3.DGN
PLOT SCALE: 1" = 100'
PLOT DATE: 7/03/2013
DRAWING CODE: SEE-197
SIZE: ANSI F
FILE NAME: SEE197V103.S03

SEEKONK RIVER
PAWTUCKET, PROVIDENCE AND
EAST PROVIDENCE, RHODE ISLAND
CONDITION SURVEY

16-FOOT CHANNEL

SHEET IDENTIFICATION
V-103
SHEET 3 OF 9



PLAN
SCALE: 1" = 100'

NOTE:
For General Notes see sheet 1 of 9.

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR

MARK	DESCRIPTION	DATE	APPR

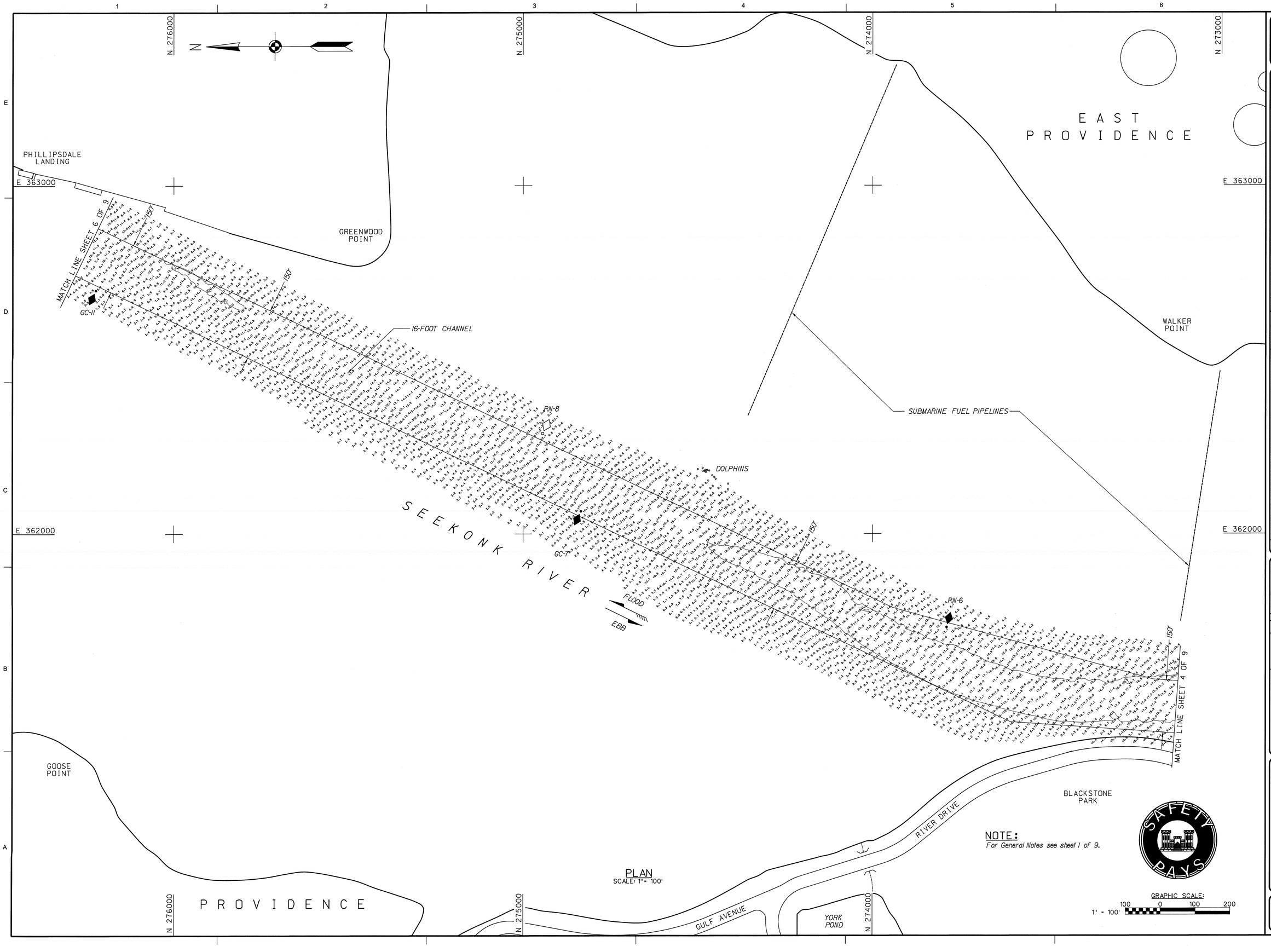
U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
www.nae.usace.army.mil

REVIEWED BY: Lawrence Sarrey Section
SUBMITTED BY: Lawrence Sarrey Section
PLOT SCALE: 1" = 100'
PLOT DATE: 7/03/2013
SIZE: ANSI F
FILE NAME: SEE197V104.S04
DATE: 7/3/2013
DWN BY: SWK
CKD BY: JWP
DESIGN FILE: SEEHSP3.DGN
DRAWING CODE: SEE-197

SEEKONK RIVER
PAWTUCKET, PROVIDENCE AND EAST PROVIDENCE, RHODE ISLAND
CONDITION SURVEY

16-FOOT CHANNEL

SHEET IDENTIFICATION
V-104
SHEET 4 OF 9



PLAN
SCALE: 1" = 100'

NOTE:
For General Notes see sheet 1 of 9.

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

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

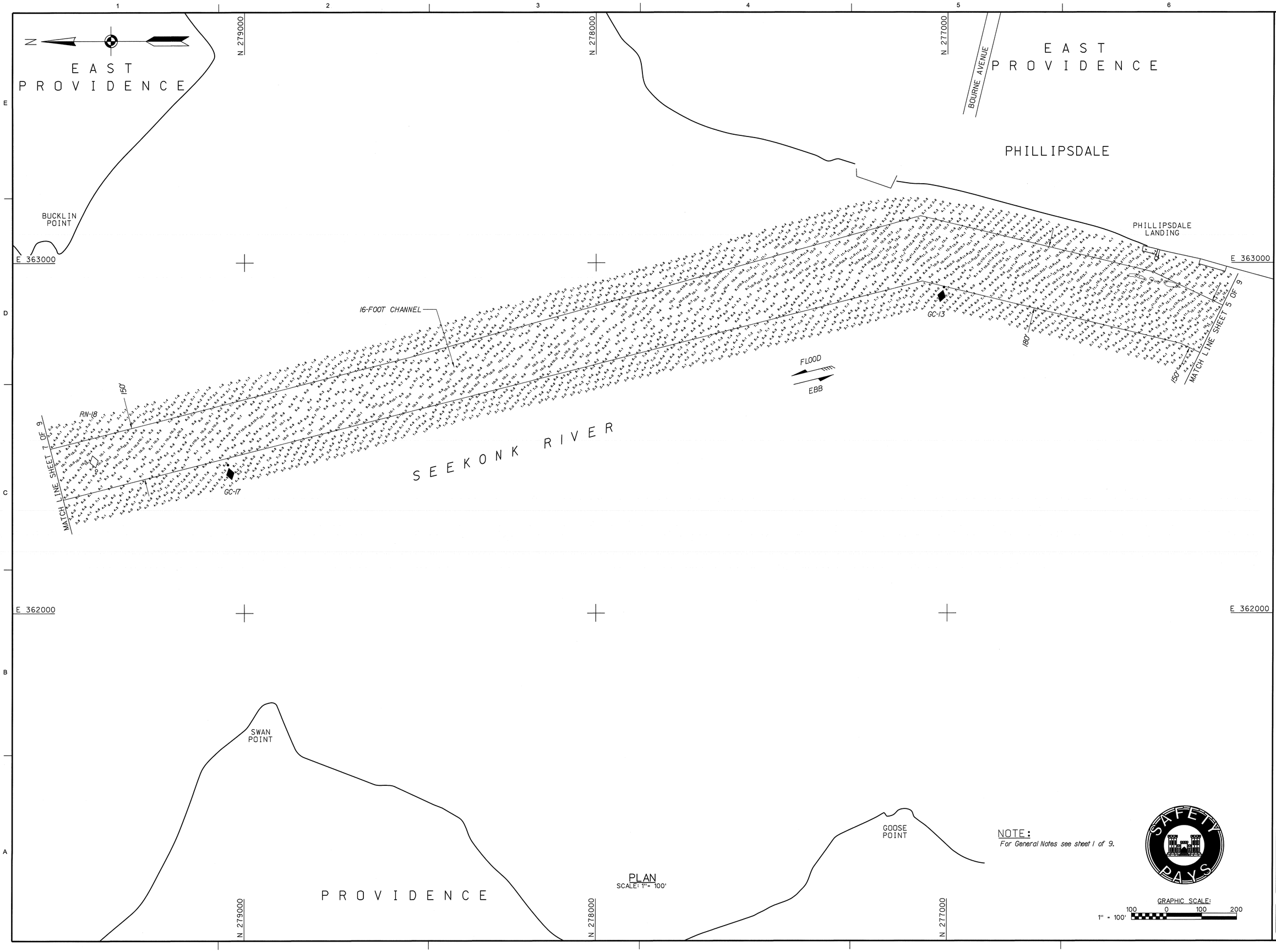
U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
www.nae.usace.army.mil

REVIEWED BY: Anthony Preston
Lead, Chief, Survey Section
SUBMITTED BY: Anthony Preston
Chief, Survey Section
DATE: 7/3/2013
DWN BY: SWK
CKD BY: JWP
DESIGN FILE: SEEPSP9.DGN
DRAWING CODE: SEE-197
PLOT SCALE: 1" = 100'
PLOT DATE: 7/03/2013
SIZE: ANSI F
FILE NAME: SEE197V105.S05

SEEKONK RIVER
PAWTUCKET, PROVIDENCE AND
EAST PROVIDENCE, RHODE ISLAND
CONDITION SURVEY

16-FOOT CHANNEL

SHEET IDENTIFICATION
V-105
SHEET 5 OF 9



PLAN
SCALE: 1" = 100'

NOTE:
For General Notes see sheet 1 of 9.

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

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR

MARK	DESCRIPTION	DATE	APPR

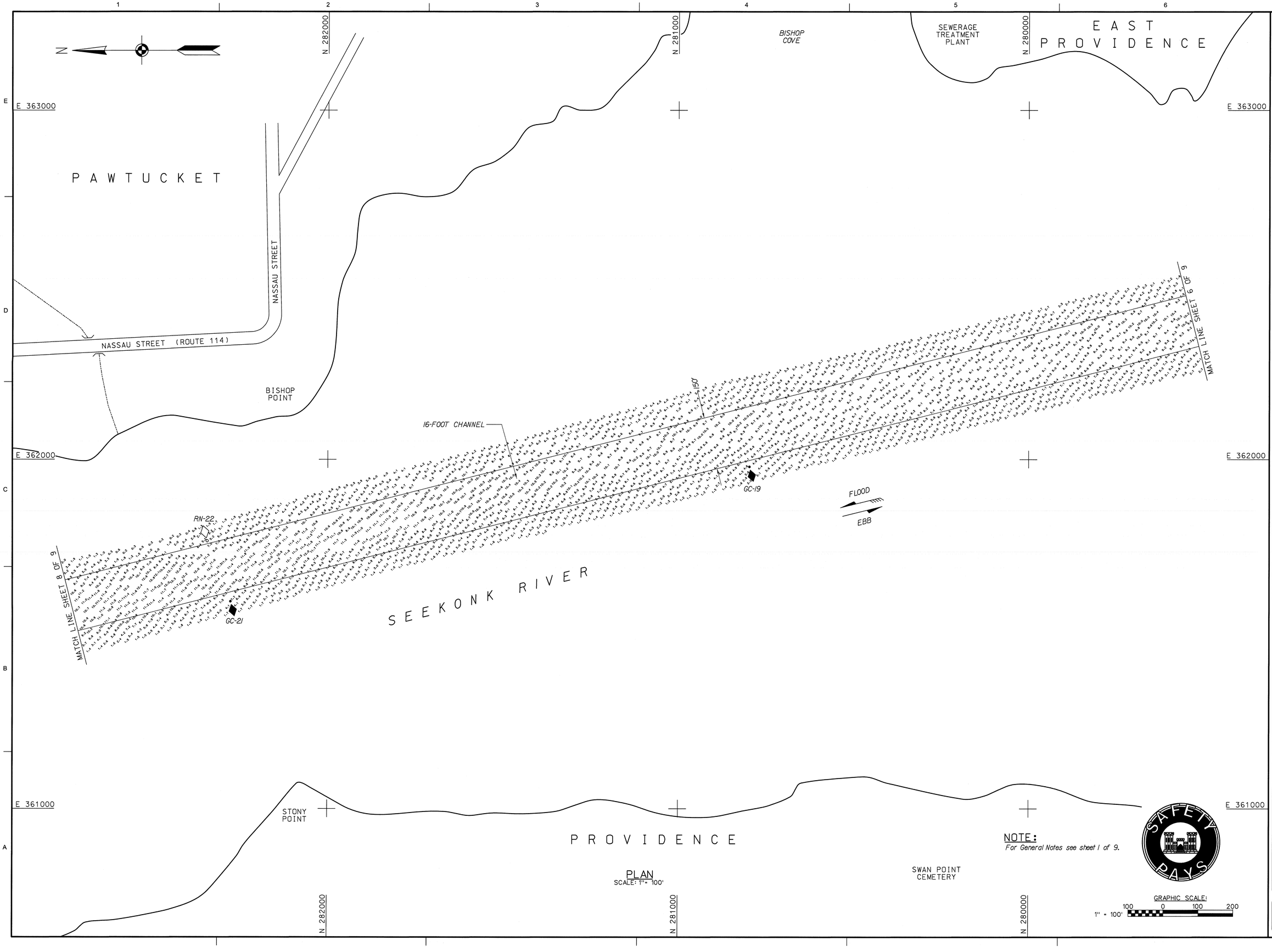
U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
www.nae.usace.army.mil

REVIEWED BY: Kathleen Bruder, Chief, Surveys Section
SUBMITTED BY: Anthony Pinto, Chief, Survey Section
DATE: 7/3/2013
DWN BY: SWK
CKD BY: JWP
DESIGN FILE: SEEKSP3.DGN
PLOT SCALE: 1" = 100'
PLOT DATE: 7/03/2013
DRAWING CODE: SEE-197
SIZE: ANSI F
FILE NAME: SEE197V106.S06

SEEKONK RIVER
PAWTUCKET, PROVIDENCE AND
EAST PROVIDENCE, RHODE ISLAND
CONDITION SURVEY

16-FOOT CHANNEL

SHEET IDENTIFICATION
V-106
SHEET 6 OF 9



PLAN
SCALE: 1" = 100'

NOTE:
For General Notes see sheet 1 of 9.

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

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR

MARK	DESCRIPTION	DATE	APPR

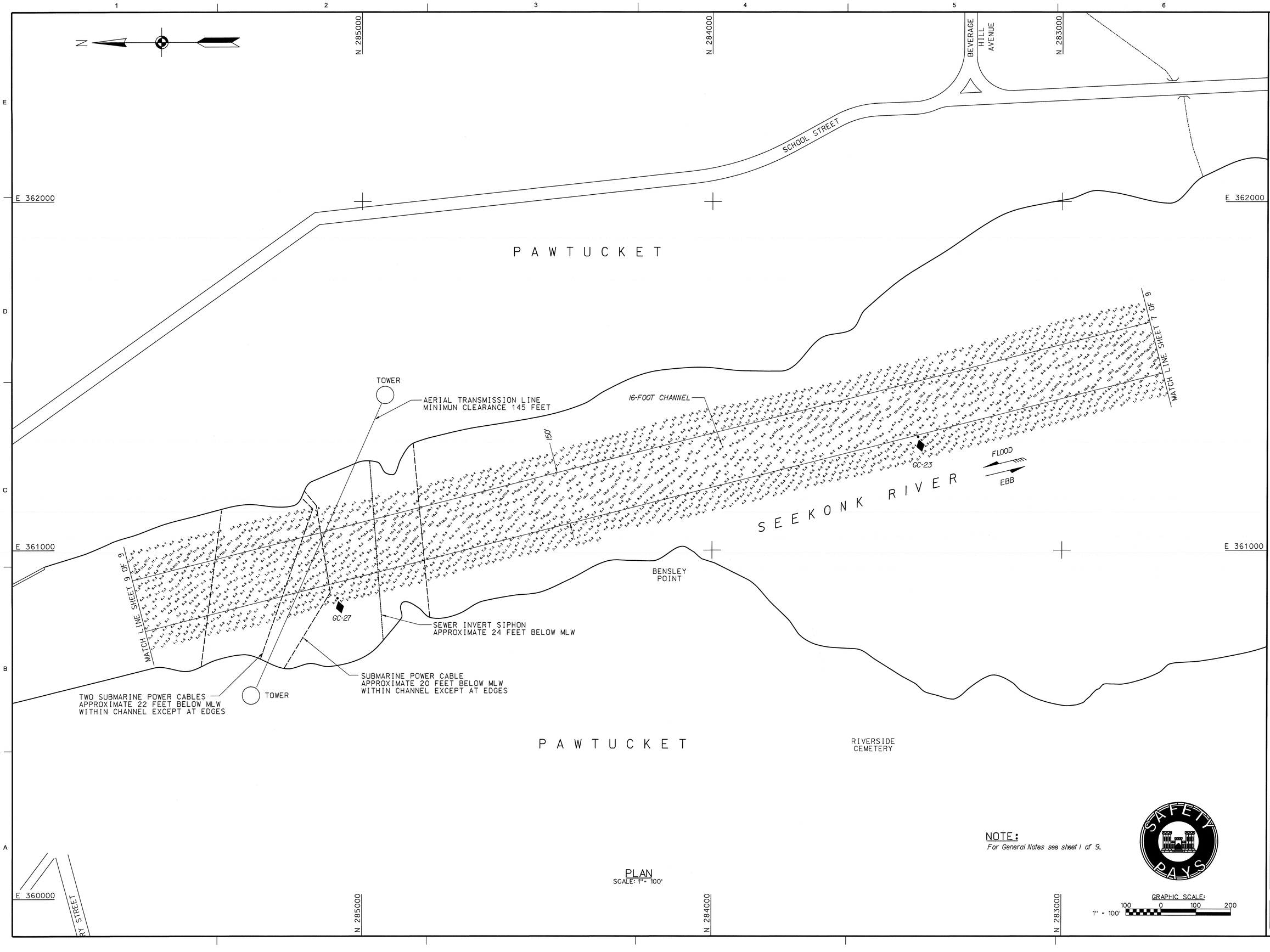
U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
www.nae.usace.army.mil

REVIEWED BY: Jeffrey Peters
SUBMITTED BY: Jeffrey Peters
PLOT SCALE: 1" = 100'
PLOT DATE: 7/03/2013
SIZE: ANSI F
FILE NAME: SEE197V107.S97
DATE: 7/3/2013
DWN BY: SWK
CKD BY: JWP
DESIGN FILE: SEEKSP3.DGN
DRAWING CODE: SEE-197

SEEKONK RIVER
PAWTUCKET, PROVIDENCE AND
EAST PROVIDENCE, RHODE ISLAND
CONDITION SURVEY

16-FOOT CHANNEL

SHEET IDENTIFICATION
V-107
SHEET 7 OF 9



NOTE:
For General Notes see sheet 1 of 9.

PLAN
SCALE: 1"= 100'

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

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR

MARK	DESCRIPTION	DATE	APPR

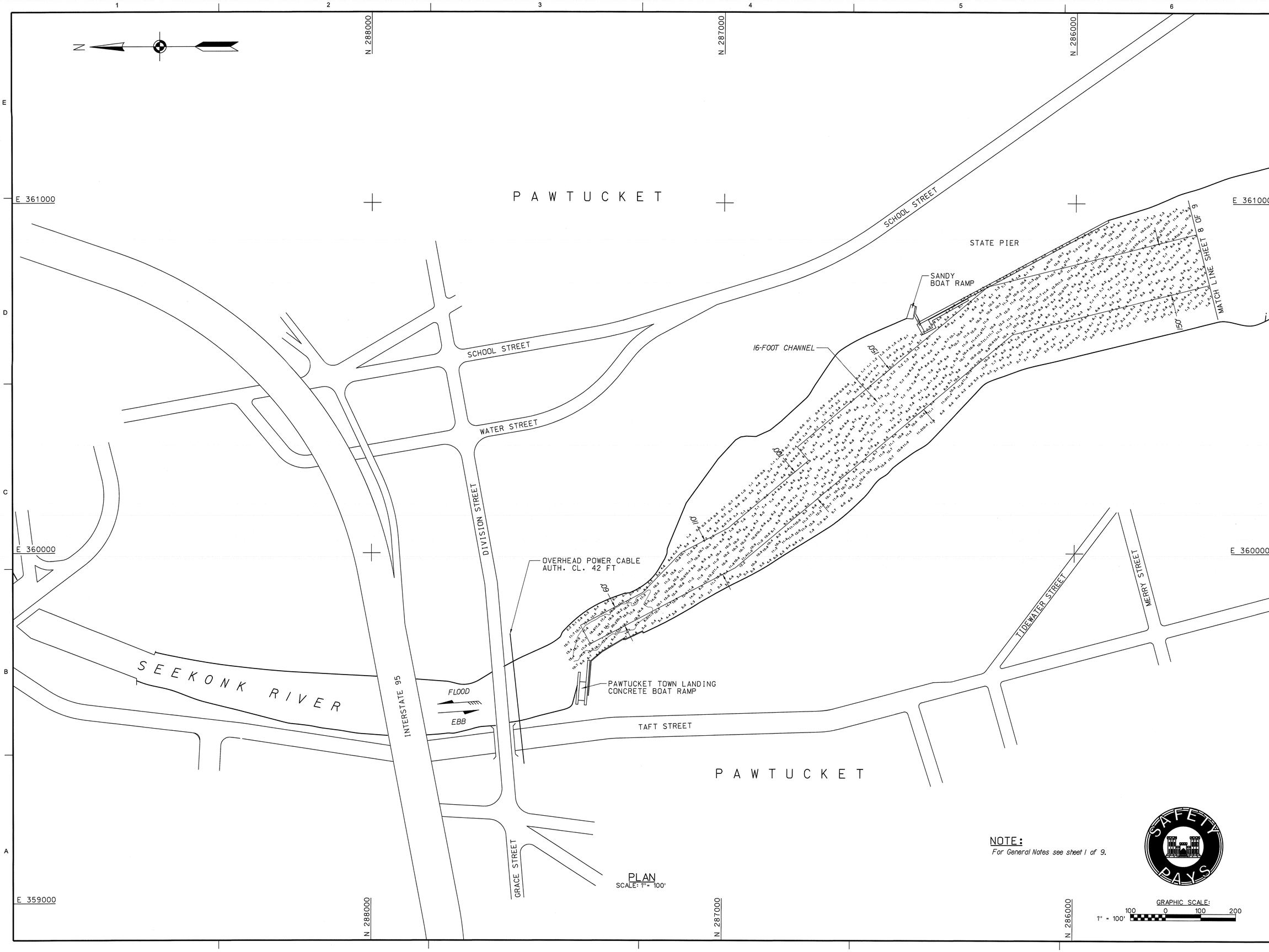
U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
www.nae.usace.army.mil

REVIEWED BY: Jeffrey Preston
Chief, Civil Survey Section
SUBMITTED BY: Jeffrey Preston
Chief, Survey Section
PLOT SCALE: 1" = 100'
PLOT DATE: 7/03/2013
SIZE: ANSI F
FILE NAME: SEE197V108.S08
DATE: 7/3/2013
DWN BY: SWK
CKD BY: JWP
DESIGN FILE: SEEHSP3.DGN
DRAWING CODE: SEE-197

SEEKONK RIVER
PAWTUCKET, PROVIDENCE AND
EAST PROVIDENCE, RHODE ISLAND
CONDITION SURVEY

16-FOOT CHANNEL

SHEET IDENTIFICATION
V-108
SHEET 8 OF 9



PLAN
SCALE: 1" = 100'

NOTE:
For General Notes see sheet 1 of 9.

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

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR

MARK	DESCRIPTION	DATE	APPR

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
www.nae.usace.army.mil

REVIEWED BY: Matthew Preston, Chief, Civil Survey Section
SUBMITTED BY: Chief, Survey Section
PLOT SCALE: 1" = 100'
PLOT DATE: 7/03/2013
DATE: 7/3/2013
DWN BY: SWK
CKD BY: JWP
DESIGN FILE: SEEKSP3.DGN
DRAWING CODE: SEE-197
FILE NAME: SEE197V109.S09
SIZE: ANSI F

SEEKONK RIVER
PAWTUCKET, PROVIDENCE AND EAST PROVIDENCE, RHODE ISLAND
CONDITION SURVEY

16-FOOT CHANNEL

SHEET IDENTIFICATION
V-109
SHEET 9 OF 9