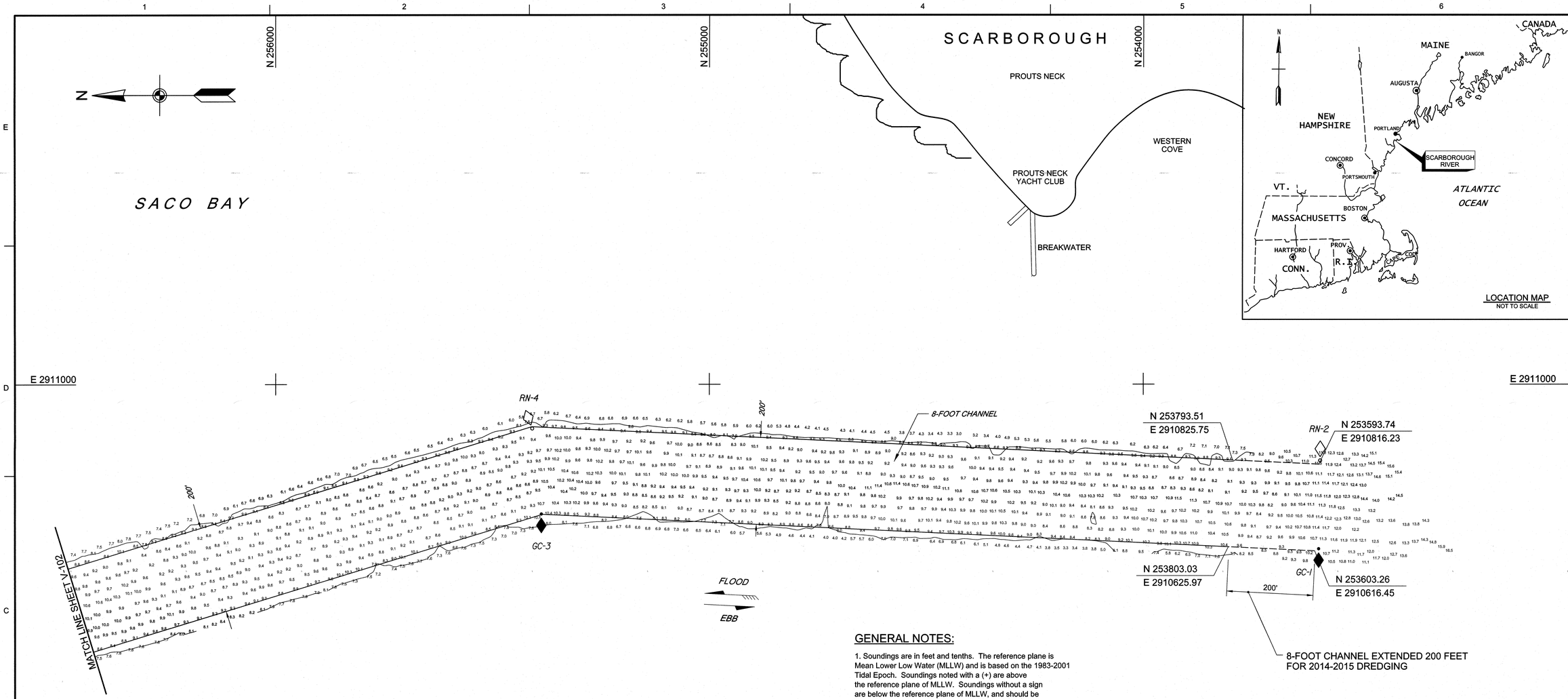

LOCATION MAP
NOT TO SCALE

GENERAL NOTES:

1. Soundings are in feet and tenths. The reference plane is Mean Lower Low Water (MLLW) and is based on the 1983-2001 Tidal Epoch. Soundings noted with a (+) are above the reference plane of MLLW. Soundings without a sign are below the reference plane of MLLW, and should be considered negative.
2. Topography shown is from previous surveys, aerial imagery and/or NOAA Chart No. 13287. 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. The MLLW to NAVD88 correction for this project is 4.92 feet. The correction was established in the vicinity of NOAA Bench Marks at Pine Point, Scarborough, Maine (Station ID 8418445, 05/15/2003.
NAVD88 is above MLLW; therefore the correction should be added to NAVD88 to convert to MLLW.
No tide gauges were used on this project.
Average range of tide is 8.8 feet.
4. Coordinates shown are based on the Transverse Mercator Grid System for the State of Maine (West Zone 1802), NAD 1983 and are based on U.S. Survey Feet.
5. Survey was performed using an Odom MK 2 Echo Sounder operating at 200 kHz. Horizontal positioning and real time tide readings were recorded utilizing a Leica 1200 RTK GPS System. The RTK base station used was Station BM 8445 B (2002).
6. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted from December 2014 thru January 2015.
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 conditions existing at that time.
9. Field Books: R&H 3536
6-Foot depth contour shown thus: -.-.-.-.-
8-Foot depth contour shown thus: ———
Surveyed by: Paul K. O'Brien and crew
Refer to Survey No. 15-1347

INDEX OF NAVIGATION AIDS (*)			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
GC-1	3/2015	N 253594.03 E 2910621.36	43°-31'-44.4" N 70°-19'-31.9" W
RN-2	3/2015	N 253590.81 E 2910825.00	43°-31'-44.4" N 70°-19'-29.1" W
GC-3	3/2015	N 255386.15 E 2910708.08	43°-32'-02.1" N 70°-19'-30.7" W
RN-4	3/2015	N 255407.74 E 2910898.41	43°-32'-02.3" N 70°-19'-28.2" W
GC-5	3/2015	N 257474.78 E 2910068.58	43°-32'-22.7" N 70°-19'-39.5" W
RN-8	3/2015	N 257849.49 E 2910150.86	43°-32'-26.4" N 70°-19'-38.4" W
GC-9	3/2015	N 258632.61 E 2910044.38	43°-32'-34.2" N 70°-19'-39.8" W
RN-10	3/2015	N 258833.50 E 2910140.58	43°-32'-36.1" N 70°-19'-38.5" W

(*) NOTE: Projected Buoy locations provided by USACE. U.S. Coast Guard Scheduled to set Buoys based on these locations in March of 2015

PLAN
SCALE: 1" = 100'

SACO BAY

SAFETY PAYS

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

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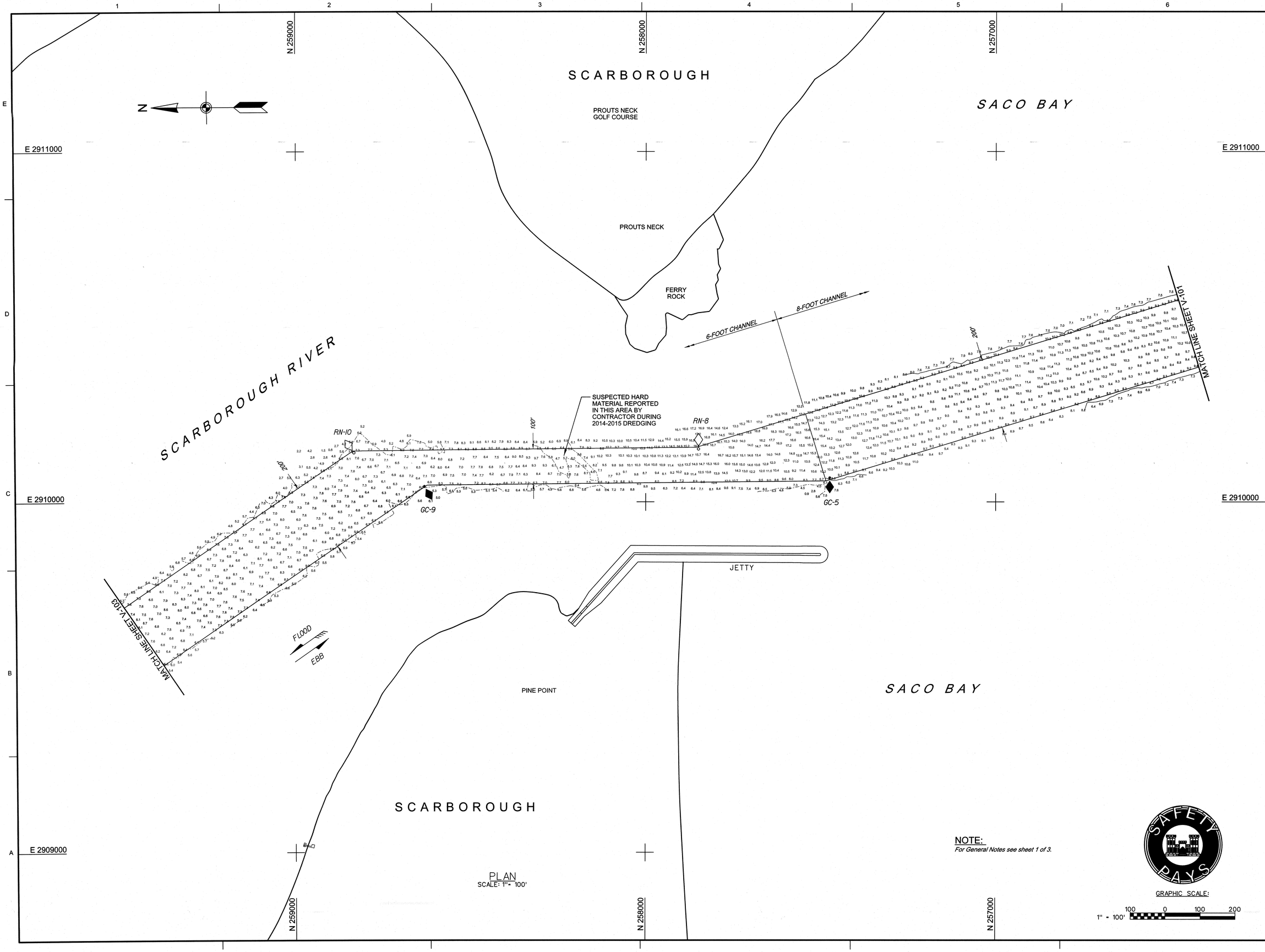
REVIEWED BY: Jeffrey Paxton, Asst. Chief, Survey Section
SUBMITTED BY: Jeffrey Paxton, Chief, Survey Section
PLOT SCALE: 1" = 100'
PLOT DATE: 3/4/2015
SIZE: ANSI F
FILE NAME: SCA-2761_V-101.dgn
DATE: 3/4/2015
DWN BY: SWK / WHW
CKD BY: JWP
DESIGN FILE: SCA-2761_V-HP_MAS.dgn
DRAWING CODE: SCA-2761

SCARBOROUGH RIVER
SCARBOROUGH MAINE
AFTER DREDGE SURVEY

6 AND 8-FOOT CHANNELS
6-FOOT ANCHORAGE

SHEET IDENTIFICATION
V-101
SHEET 1 OF 3



PLAN
SCALE: 1" = 100'

NOTE:
For General Notes see sheet 1 of 3.

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

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REVIEWED BY: Kent, Chief, Survey Section
SUBMITTED BY: Chief, Survey Section
PLOT SCALE: 1" = 100'
SIZE: ANSI F
PLOT DATE: 3/4/2015
FILE NAME: SCA-2761_V-102.dgn
DATE: 3/4/2015
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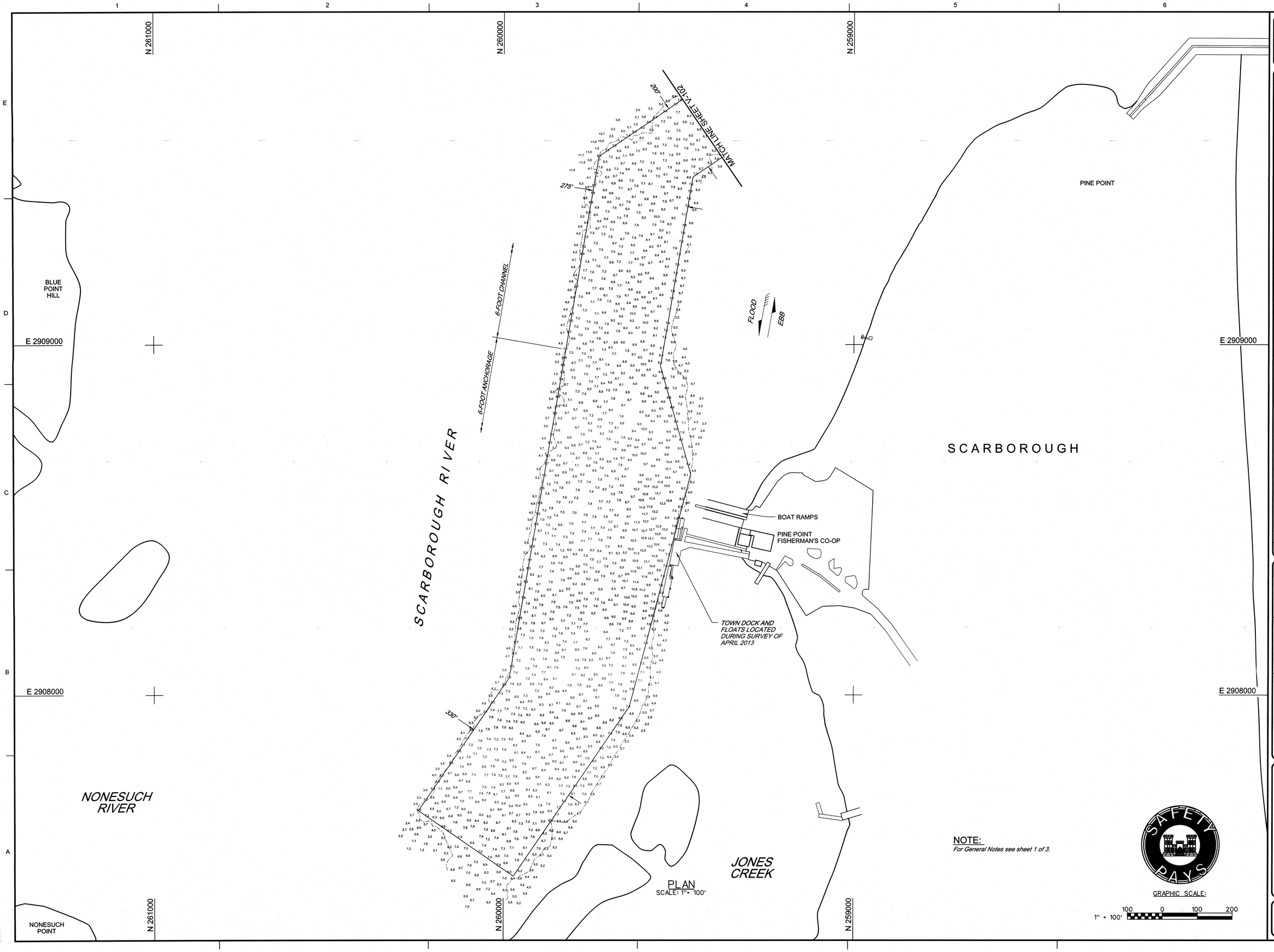
CKD BY: JWP
DESIGN FILE: SCA-2761_V-HP_MAS.dgn
DRAWING CODE: SCA-2761

SCARBOROUGH RIVER
SCARBOROUGH MAINE
AFTER DREDGE SURVEY

6 AND 8-FOOT CHANNELS
6-FOOT ANCHORAGE

SHEET IDENTIFICATION
V-102
SHEET 2 OF 3



PLAN
SCALE: 1" = 100'

NOTE:
For General Notes see sheet 1 of 3.

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

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REVIEWED BY: Jeffrey Preston, Asst. Chief, Survey Section	DATE: 3/4/2015
SUBMITTED BY: Jeffrey Preston, Chief, Survey Section	DWN BY: SWK / WHW
	CKD BY: JWP
	DESIGN FILE: SCA-2761_V-HP_MAS.dgn
PLOT SCALE: 1" = 100'	PLOT DATE: 3/4/2015
SIZE: ANSI F	FILE NAME: SCA-2761_V-103.dgn

SCARBOROUGH RIVER
SCARBOROUGH MAINE
AFTER DREDGE SURVEY

6 AND 8-FOOT CHANNELS
6-FOOT ANCHORAGE

SHEET IDENTIFICATION
V-103
SHEET 3 OF 3