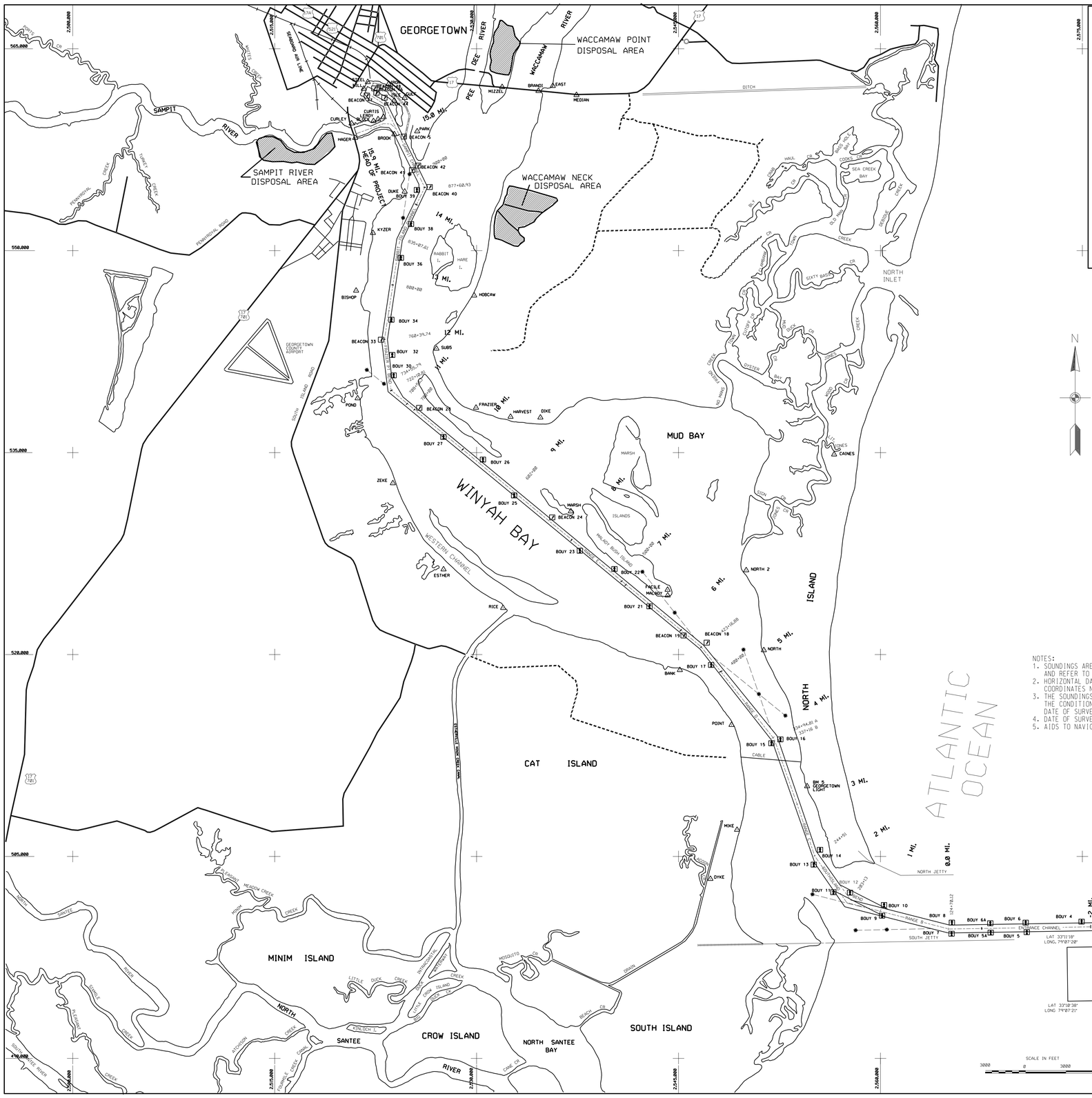
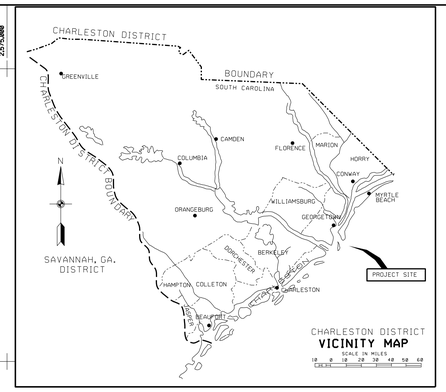




NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER M.L.L.W.
2. HORIZONTAL DATUM IS SC STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE CONDITION OF THE CHANNEL ON THE DATE OF SURVEY ONLY.
4. DATE OF SURVEY: 11 APRIL 2013 CONDITION
5. AIDS TO NAVIGATION FROM OLDER SURVEY, MAY BE WRONG.

US Army Corps of Engineers
Charleston District

DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

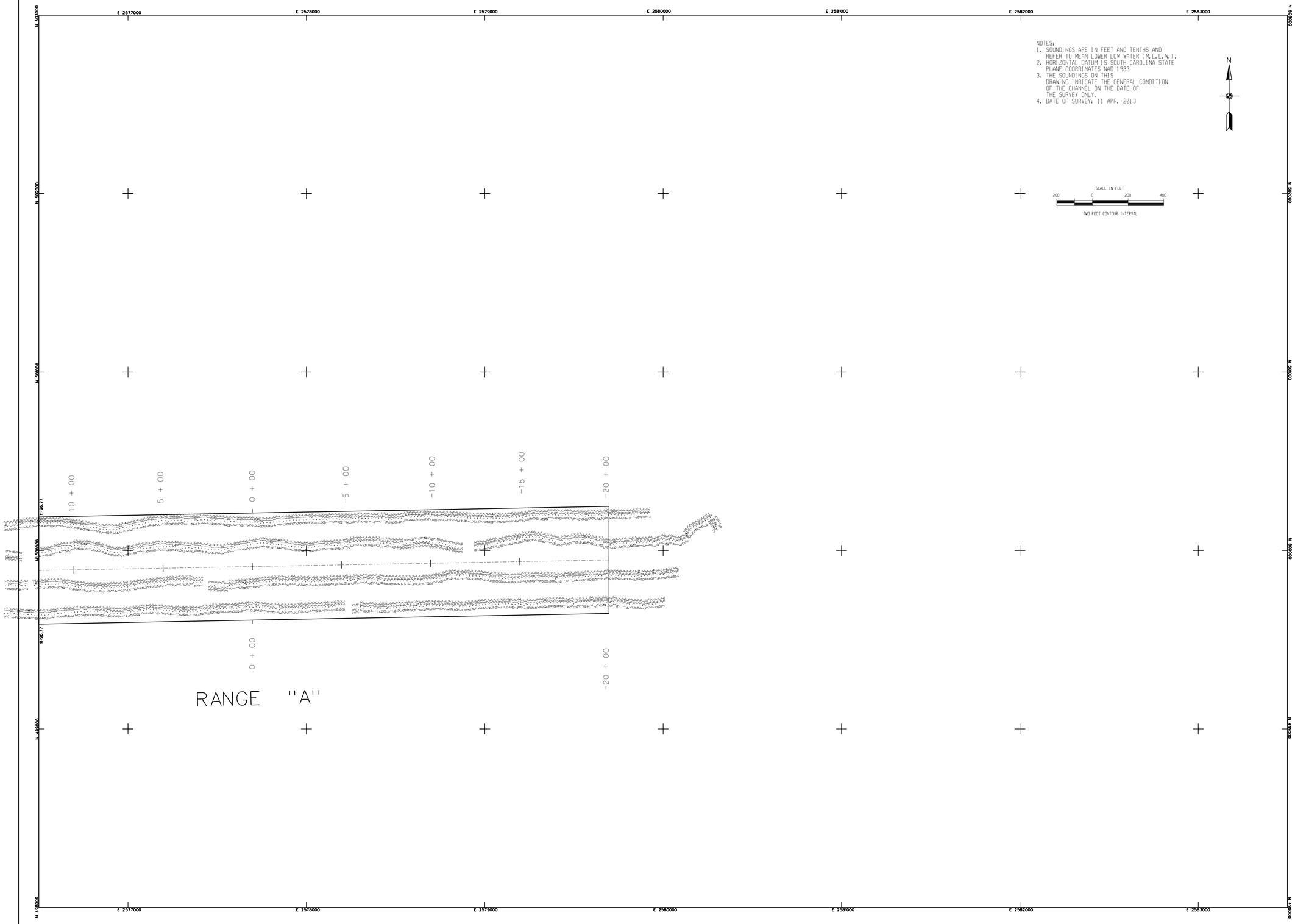
Designed by:
Drawn by: MRV
Ckd by:
Reviewed by:
Submitted by:
Date: APR. 2013
Rev:
Design file no. 9486
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 3000'

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

GEORGETOWN HARBOR
GEORGETOWN ENT. AND INSIDE PROFILE LINES
9486
CHARLESTON & BERKELEY COUNTIES, SOUTH CAROLINA

Submitted by:
CHIEF, NAVIGATION SECTION
Approval Recommended:
CHIEF, OPERATIONS BRANCH
Approved by:
CHIEF, TECHNICAL SERVICES DIVISION

SHEET REFERENCE NUMBER
SHEET 1 OF 17



NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF THE SURVEY ONLY.
4. DATE OF SURVEY: 11 APR. 2013

N

SCALE IN FEET
200 0 200 400
TWO FOOT CONTOUR INTERVAL

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.

MARK	DESCRIPTION	DATE	APPRV.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Designed by:
Drawn by: MRV
Ckd by:
Reviewed by:
Submitted by:
Date: APR. 2013
Rev:
Design file no. 9486
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 0+00.00 to STA. 11+96.77
9486

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 2 OF 17

US Army Corps of Engineers
Charleston District

NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
3 THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF THE SURVEY ONLY.
4. DATE OF SURVEY: 11 APR. 2013

MARK	DESCRIPTION	DATE	APPRV.

MARK	DESCRIPTION	DATE	APPRV.

Designed by:
Drawn by: MRV
Ckd by:
Reviewed by:
Submitted by:
Date: APR. 2013
Rev:
Design file no. 9486
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 11+96.77 to STA. 81+97.97
9486

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.)
2. HORIZONTAL DATUM IS SOUTH CARLOINA STATE PLANE COORDINATES NAD 1983
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF THE SURVEY ONLY.
4. DATE OF SURVEY:11 APR. 2013

N

SCALE IN FEET
200 0 200 400
TWO FOOT CONTOUR INTERVAL

E 2563000 E 2564000 E 2565000 E 2566000 E 2567000 E 2568000 E 2569000
N 505000 N 500000 N 495000

152+81.06

150+00 145+00 140+00 135+00 130+00 124+70.12 125+00 120+00 115+00 110+00 105+00 100+00 95+00 90+00 85+00 81+97.97

ATLANTIC OCEAN

BUOY 8 NOT HERE

BUOY 6A

BUOY 7

BUOY 5A

RANGE "B"

RANGE "A"

SOUTH JETTY

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRD.
MARK	DESCRIPTION	DATE	APPRD.

Designed by:	
Drawn by: MRV	Cad by:
Reviewed by:	
Submitted by:	
Date: APR 2013	Rev:
Design file no. 9486	
Drawing Code:	
File name: Horizontal Dwg scale: 1" = 200'	

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

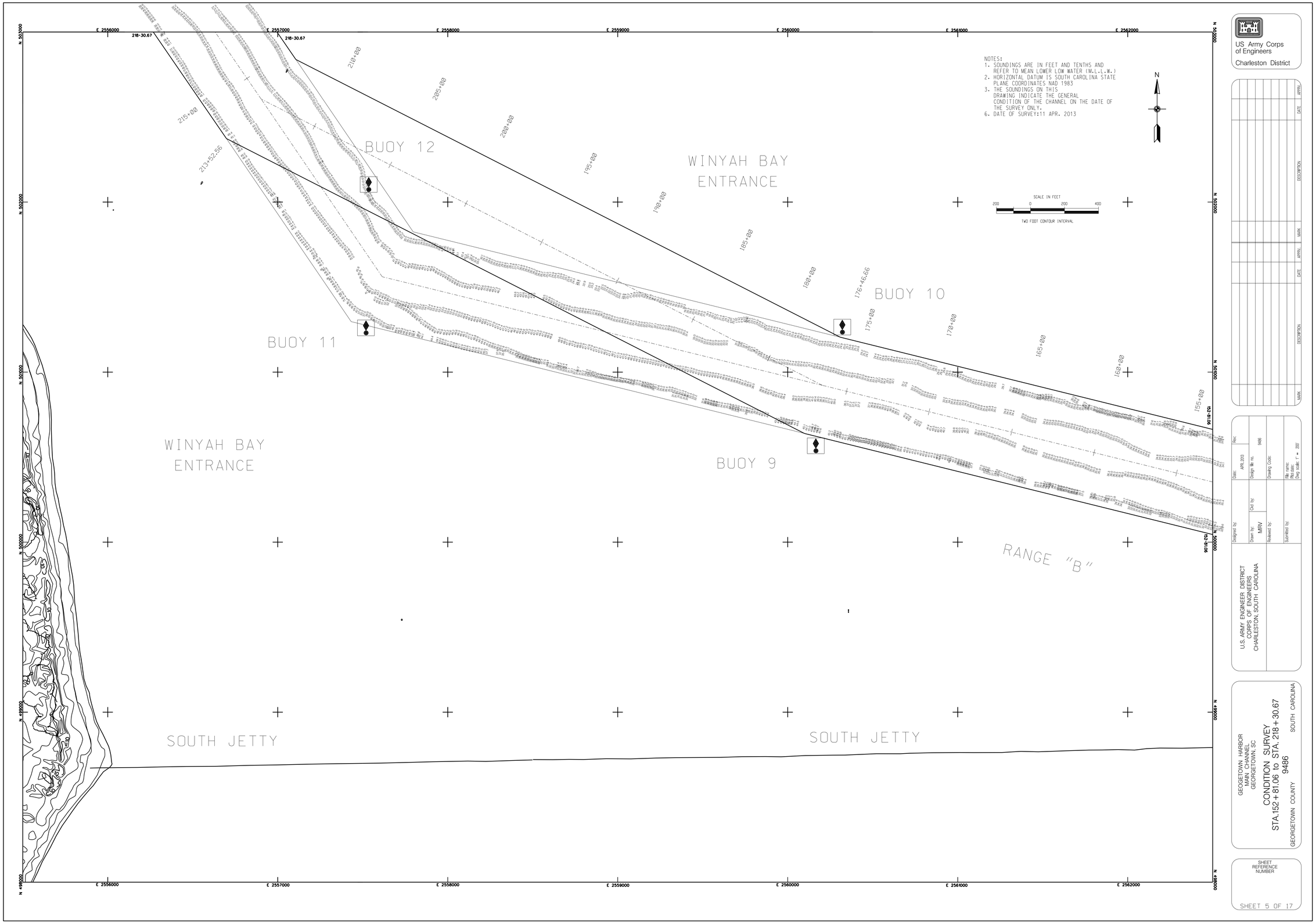
CONDITION SURVEY
STA. 81+97.97 to STA. 152+81.06

9486

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 4 OF 17



US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.

MARK	DESCRIPTION	DATE	APPRV.

Designed by:
Drawn by: MRV
Ckd by:
Reviewed by:
Submitted by:
Date: APR. 2013
Rev:
Design file no. 9486
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA.152+81.06 to STA. 218+30.67
9486

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 5 OF 17

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

Designed by: U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Drawn by: MHV
Chkd by:
Date: APR. 2013
Rev:
Design file no. 9486
Drawing Code:
File name:
Dwg scale: 1" = 200'

Reviewed by:
Submitted by:

GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 218+30.67 to STA. 274+26.53
9486

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 6 OF 17

NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.)
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
3. HASH MARKS ON THE GENERAL DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF THE SURVEY ONLY.
4. DATE OF SURVEY: 11 APR. 2013

SCALE IN FEET
200 0 200 400
TWO FOOT CONTOUR INTERVAL

N

ATLANTIC OCEAN

ATLANTIC OCEAN

NORTH JETTY

WINYAH BAY ENTRANCE

NORTH ISLAND

NORTH ISLAND

WINYAH BAY ENTRANCE

BUOY 14

BUOY 13

RANGE ""C""

246+28.17

238+91.47

242+25.88

213+52.56

N 508000 N 507000 N 506000 N 505000 N 504000 N 503000

E 2560000 E 2559000 E 2558000 E 2557000 E 2556000 E 2555000 E 2554000

274+26.53 218+30.67

NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.)
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
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4. DATE OF SURVEY:11 APR.2013

SCALE IN FEET
200 0 200 400
TWO FOOT CONTOUR INTERVAL

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

Designed by:
Drawn by: MRV
Ckd by:
Reviewed by:
Submitted by:
Date: APR. 2013
Rev:
Design file no. 9486
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 274+26.53 to STA. 327+15.52
9486

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 7 OF 17

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

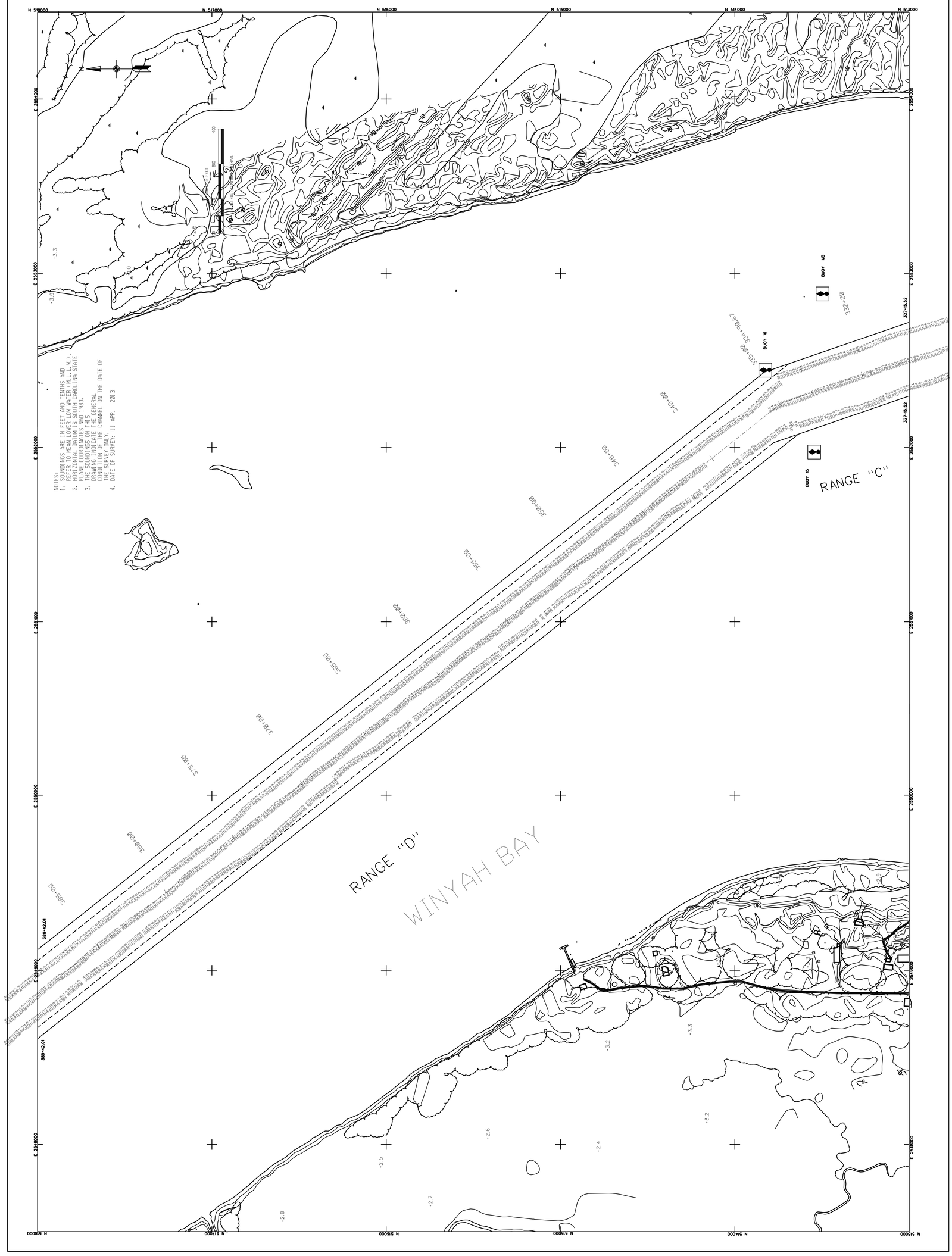
Designed by: | Date: APR. 2013 | Rev:
Drawn by: MRV | Cad by: | Design file no. 9486
Reviewed by: | Drawing Code:
Submitted by: | File name: Plot date: Dwg scale: 1" = 200'

GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 327+15.52 to STA. 389+42.01
9486

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 8 OF 17



NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF THE SURVEY ONLY.
4. DATE OF SURVEY: 11 APR. 2013

SHEET REFERENCE NUMBER
SHEET 9 OF 17

GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 389+42.01 to STA. 460+29.63
9486

GEORGETOWN COUNTY SOUTH CAROLINA

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Designed by:		Date: APR. 2013	Rev:
Drawn by: MRV	Ckd by:	Design file no. 9486	
Reviewed by:		Drawing Code:	
Submitted by:		File name: Plot date: Dwg scale: 1" = 200'	

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

US. Army Corps
of Engineers
Charleston District

NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
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4. DATE OF SURVEY: 11 APR. 2013

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.

MARK	DESCRIPTION	DATE	APPRV.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Designed by:
Drawn by: MRV
Reviewed by:
Submitted by:
Date: APR. 2013
Rev:
Chk by:
Design file no. 9486
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

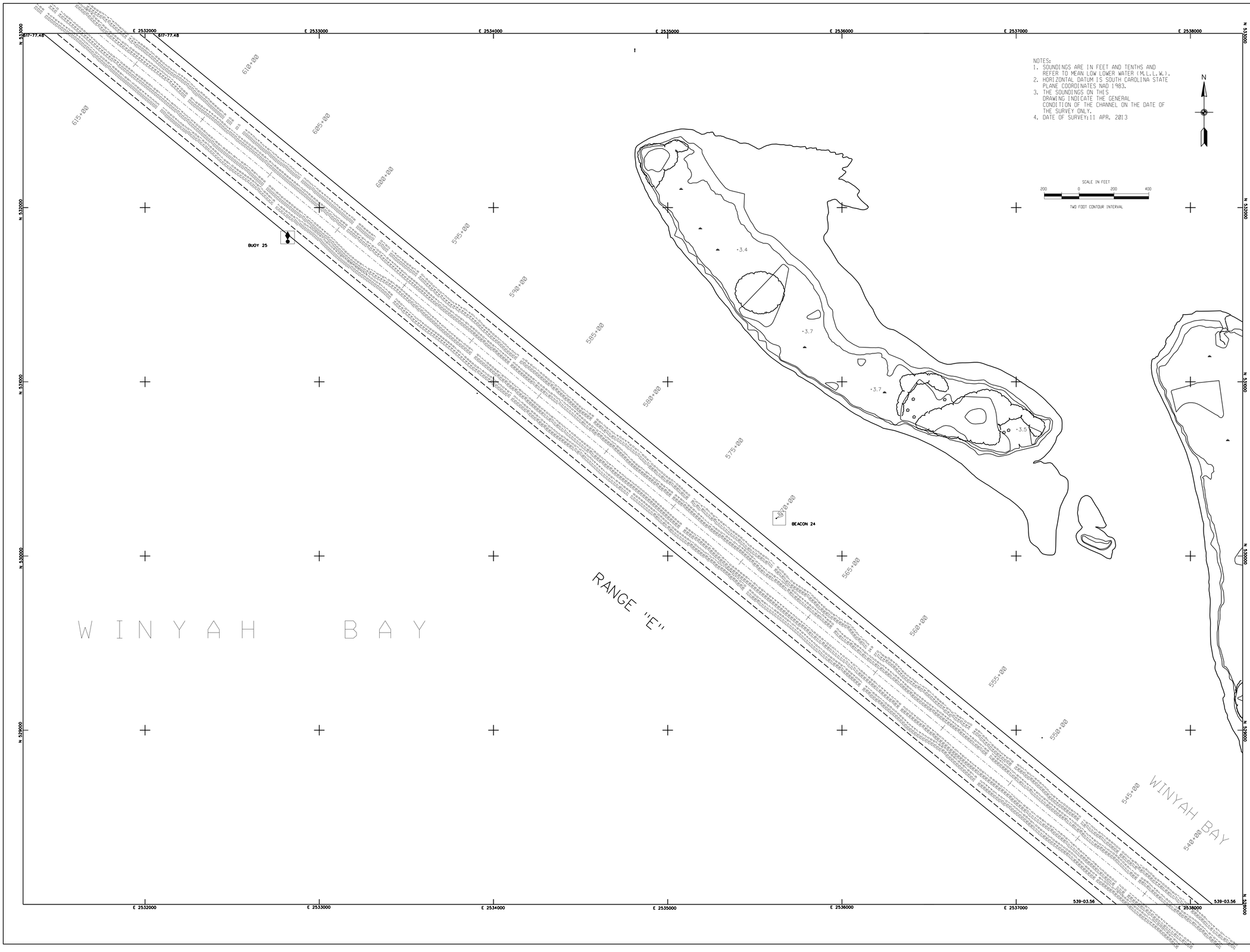
GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 460+29.63 to STA. 539+03.56
9486

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 10 OF 17



US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

Designed by:
Drawn by: MRV
Ckd by:
Reviewed by:
Submitted by:
Date: APR. 2013
Rev:
Design file no. 9486
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

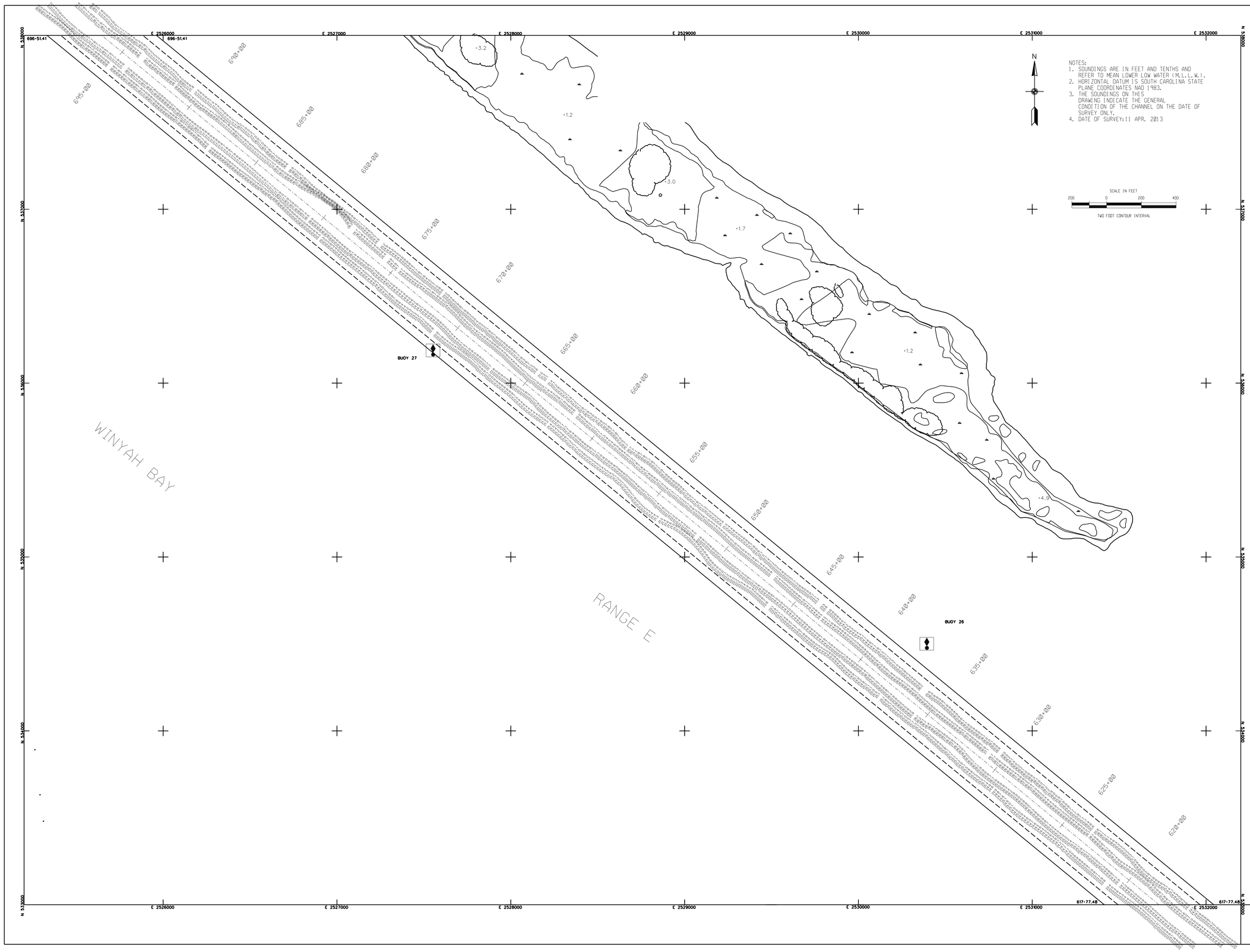
GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 539+03.56 to STA. 617+77.48
9486

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 11 OF 17



NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF SURVEY ONLY.
4. DATE OF SURVEY:11 APR. 2013

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

Designed by:
Drawn by: MRV
Ckd by:
Reviewed by:
Submitted by:
Date: APR. 2013
Rev:
Design file no. 9486
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

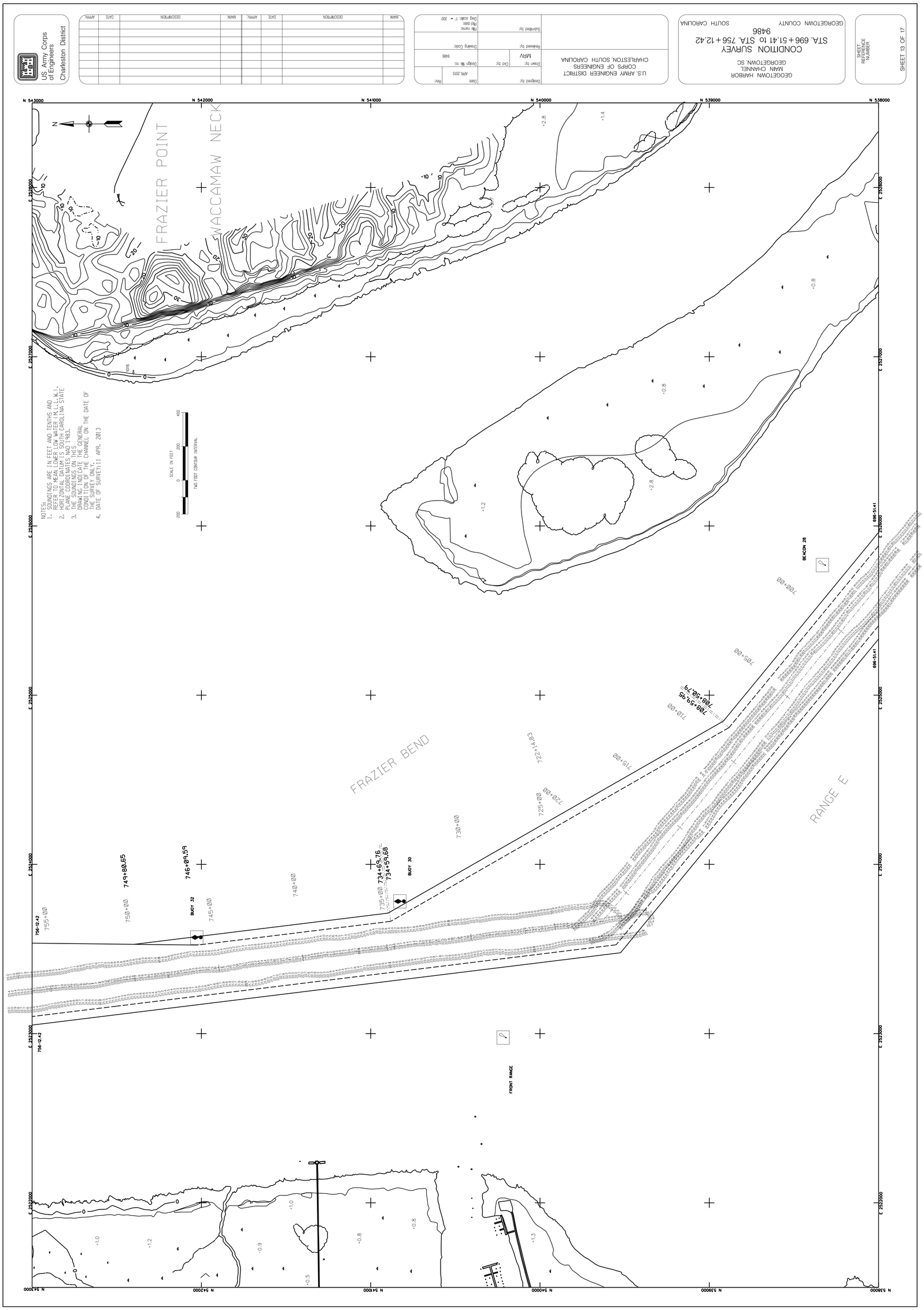
GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

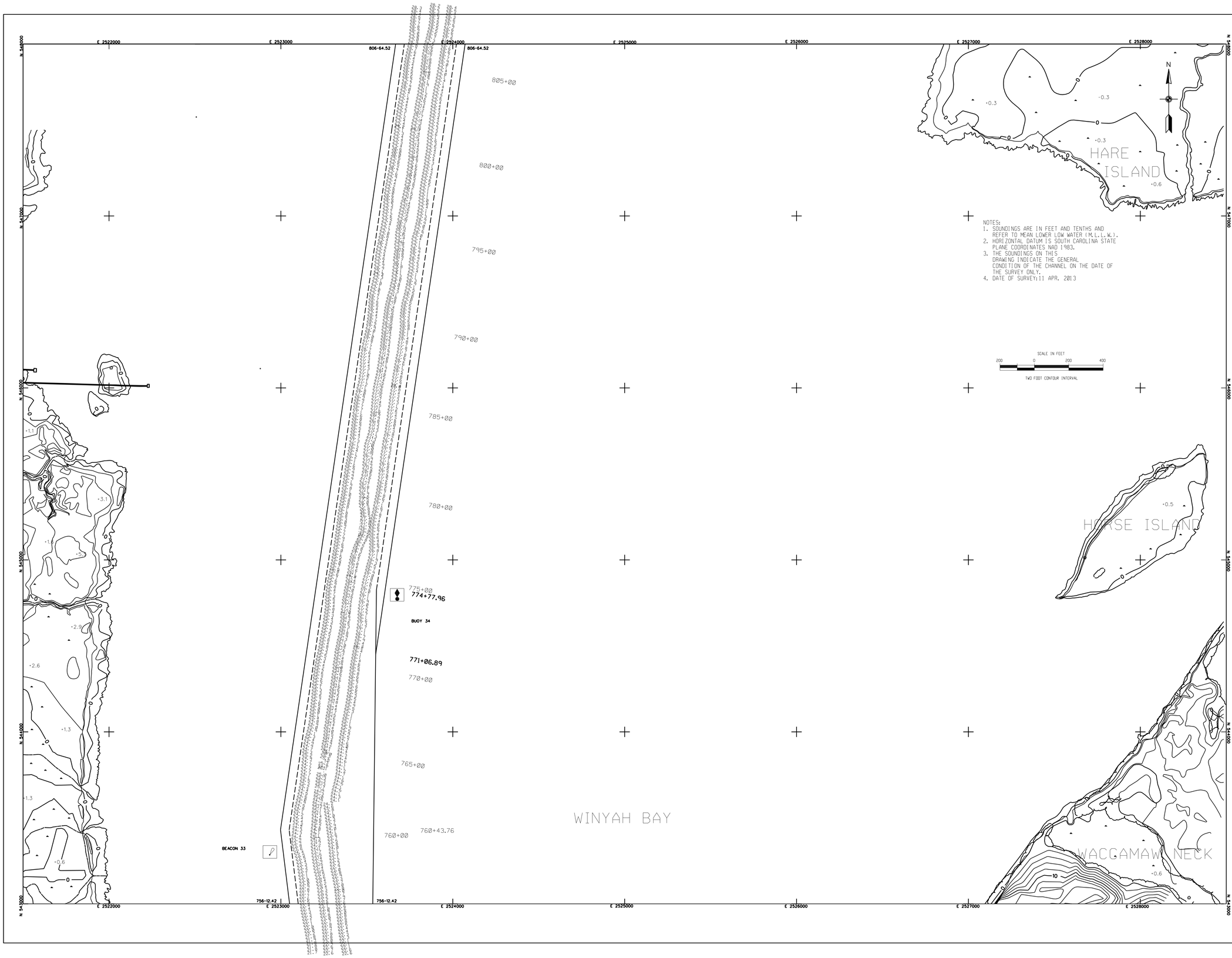
CONDITION SURVEY
STA. 617+77.48 to STA. 696+51.41
9486

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 12 OF 17


US Army Corps of Engineers
Charleston District
GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC
CONDITION SURVEY
STA. 696+51.41 to STA. 756+12.42
9486
GEORGETOWN COUNTY
SOUTH CAROLINA
SHEET REFERENCE NUMBER
SHEET 13 OF 17
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA
Designed by:
Date:
APR. 2013
Rev.
Drawn by:
Chd by:
Design file no.
9486
MRV
Reviewed by:
Drawing Code:
Submitted by:
File name:
Plot date:
Dwg scale: 1" = 200'
NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF THE SURVEY ONLY.
4. DATE OF SURVEY: 11 APR. 2013
SCALE IN FEET
TWO FOOT CONTOUR INTERVAL
FRAZIER POINT
WACCAMAW NECK
FRAZIER BEND
RANGE E
BEACON 28
BUOY 32
BUOY 30
FRONT RANGE
749+80.65
746+09.59
734+69.76
734+59.68
722+14.83
708+59.95
708+50.79
756+12.42
696+51.41
N 543000
N 542000
N 541000
N 540000
N 539000
N 538000
E 2528000
E 2527000
E 2526000
E 2525000
E 2524000
E 2523000
E 2522000



NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF THE SURVEY ONLY.
4. DATE OF SURVEY:11 APR. 2013

SCALE IN FEET
200 0 200 400
TWO FOOT CONTOUR INTERVAL

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.

MARK	DESCRIPTION	DATE	APPRV.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Designed by:
Drawn by: MRV
Ckd by:
Reviewed by:
Submitted by:
Date: APR. 2013
Rev:
Design file no. 9486
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 756+12.42 to STA. 806+64.52
9486

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 14 OF 17

US Army Corps of Engineers
Charleston District

DESCRIPTION	DATE	APPV'D	MARK

DESCRIPTION	DATE	APPV'D	MARK

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Designed by:		Date: APR. 2013	Rev:
Drawn by: MHV	Ckd by:	Design file no.: 9486	
Reviewed by:		Drawing Code:	
Submitted by:		File name: Plot date:	
		Dwg scale: 1" = 200'	

GEORGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 806+64.52 to STA. 859+31.30
9486

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 15 OF 17

NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF THE SURVEY ONLY.
4. DATE OF SURVEY: APR. 2013

SCALE IN FEET
0 200 400
TWO FOOT CONTOUR INTERVAL

N

RABBIT ISLAND

HARE ISLAND

BUOY 38

BUOY 36

BEACON 37

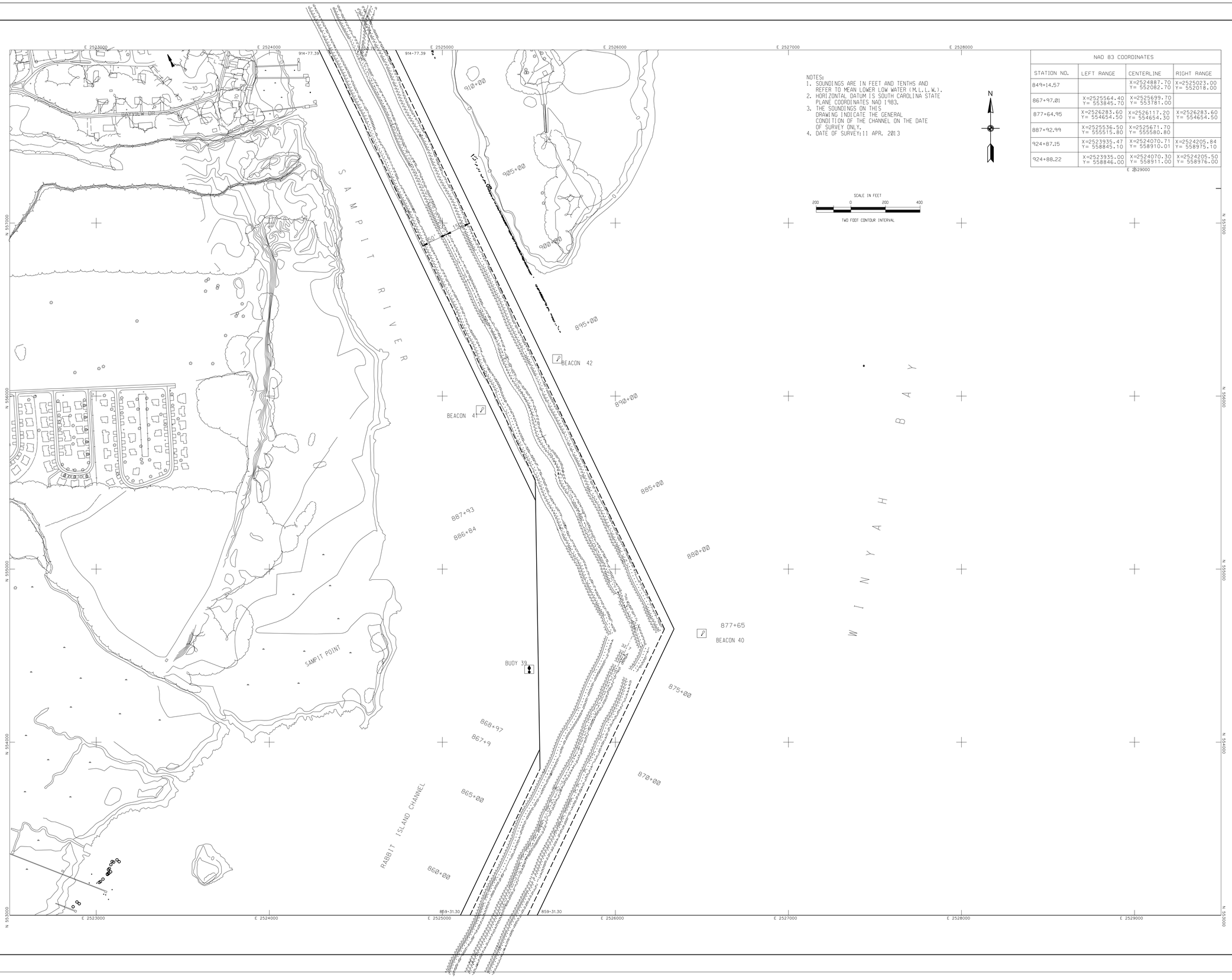
849+14.45

845+84.86

824+39.30

821+00.94

806+64.52



NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF SURVEY ONLY.
4. DATE OF SURVEY:11 APR. 2013

SCALE IN FEET
200 0 200 400
TWO FOOT CONTOUR INTERVAL

NAD 83 COORDINATES

STATION NO.	LEFT RANGE	CENTERLINE	RIGHT RANGE
849+14.57		X=2524887.70 Y= 552082.70	X=2525023.00 Y= 552018.00
867+97.01	X=2525564.40 Y= 553845.70	X=2525699.70 Y= 553781.00	
877+64.95	X=2526283.60 Y= 554654.50	X=2526117.20 Y= 554654.30	X=2526283.60 Y= 554654.50
887+92.99	X=2525536.50 Y= 555515.80	X=2525671.70 Y= 555580.80	
924+87.15	X=2523935.47 Y= 558845.10	X=2524070.71 Y= 558910.01	X=2524205.84 Y= 558975.10
924+88.22	X=2523935.00 Y= 558846.00	X=2524070.30 Y= 558911.00	X=2524205.50 Y= 558976.00

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

Designed by:
Drawn by: MRV
Ckd by:
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Date: APR. 2013
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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

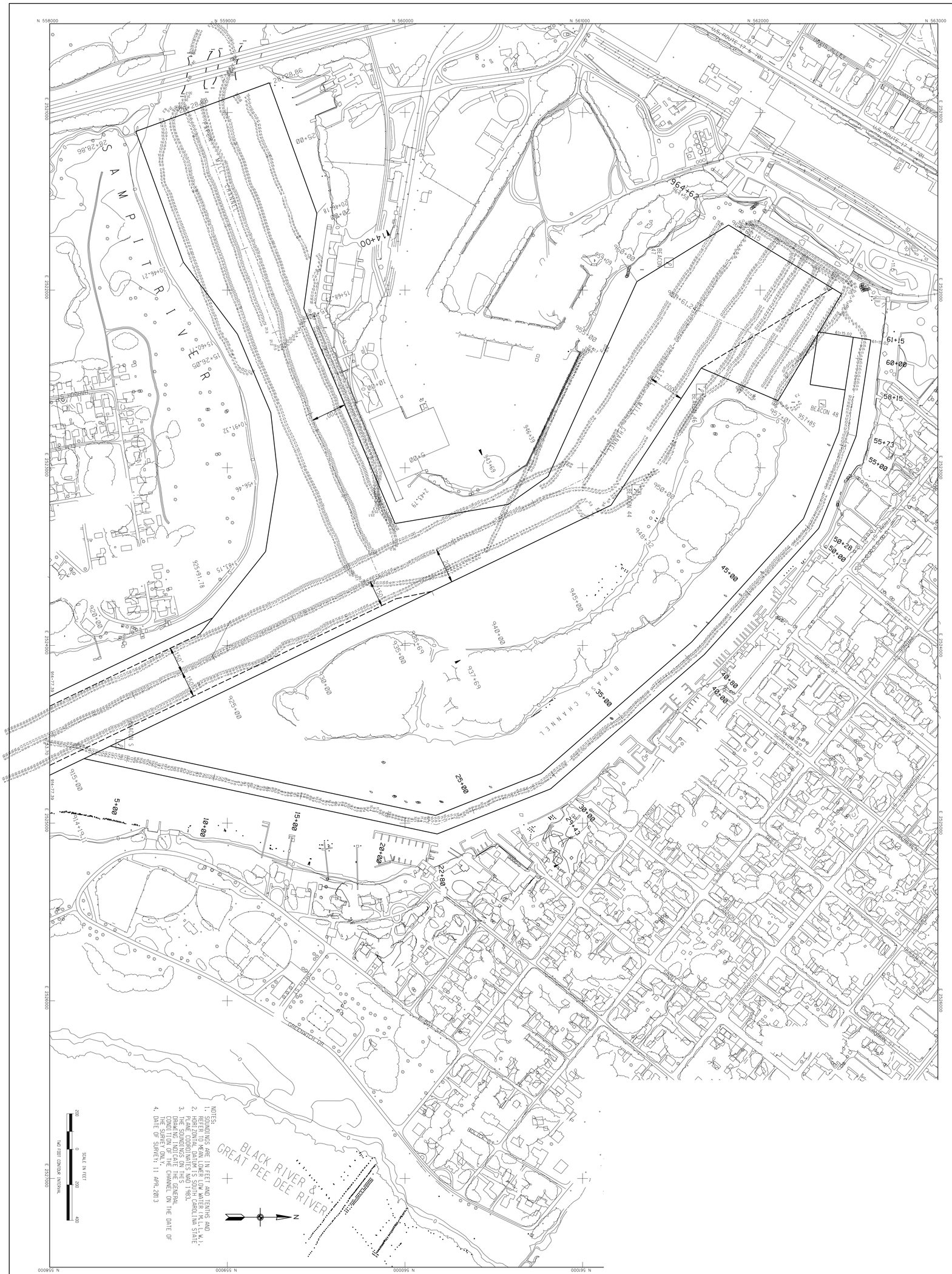
GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 859+31.30 to STA. 914+77.39
9486

GEORGETOWN COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 16 OF 17



SHEET REFERENCE NUMBER

SHEET 17 OF 17

GEOGETOWN HARBOR
MAIN CHANNEL
GEORGETOWN, SC

CONDITION SURVEY
STA. 914 + 77.39 to STA. 964 + 62.15
9486

GEORGETOWN COUNTY SOUTH CAROLINA

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Designed by:		Date: APR. 2013	Rev:
Drawn by: MRV	Ckd by:	Design file no. 9486	
Reviewed by:		Drawing Code:	
Submitted by:		File name: Plot date: Dwg scale: 1" = 200'	

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

US Army Corps
of Engineers
Charleston District