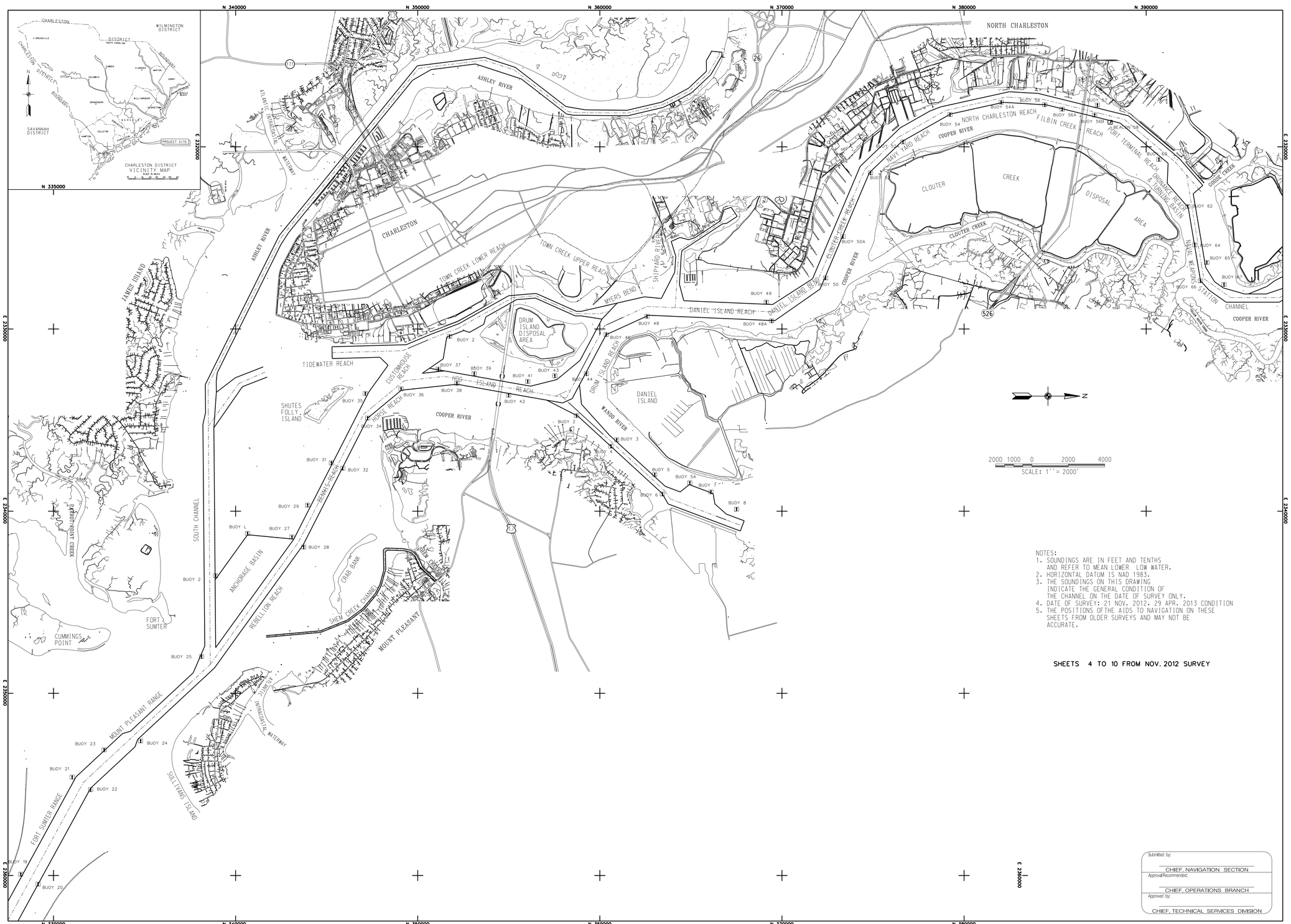


NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER.
2. HORIZONTAL DATUM IS NAD 1983.
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF SURVEY ONLY.
4. DATE OF SURVEY: 21 NOV. 2012, 29 APR. 2013 CONDITION
5. THE POSITIONS OFTHE AIDS TO NAVIGATION ON THESE SHEETS FROM OLDER SURVEYS AND MAY NOT BE ACCURATE.

SHEETS 4 TO 10 FROM NOV. 2012 SURVEY

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

US Army Corps of Engineers
Charleston District

DESCRIPTION	DATE	APPRO.	MARK	DESCRIPTION	DATE	APPRO.

Designed by: Date: DEC.2013 Rev:
Drawn by: MRV Det by: Design file no: 9521
Reviewed by: Drawing Code:
Submitted by: File name: Revision number: Dwg scale: 1" = 2000'

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

CHARLESTON HARBOR
ASHLEY RIVER PROFILE LINES
9521
CHARLESTON & BERKELEY COUNTIES, SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 1 OF 10

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

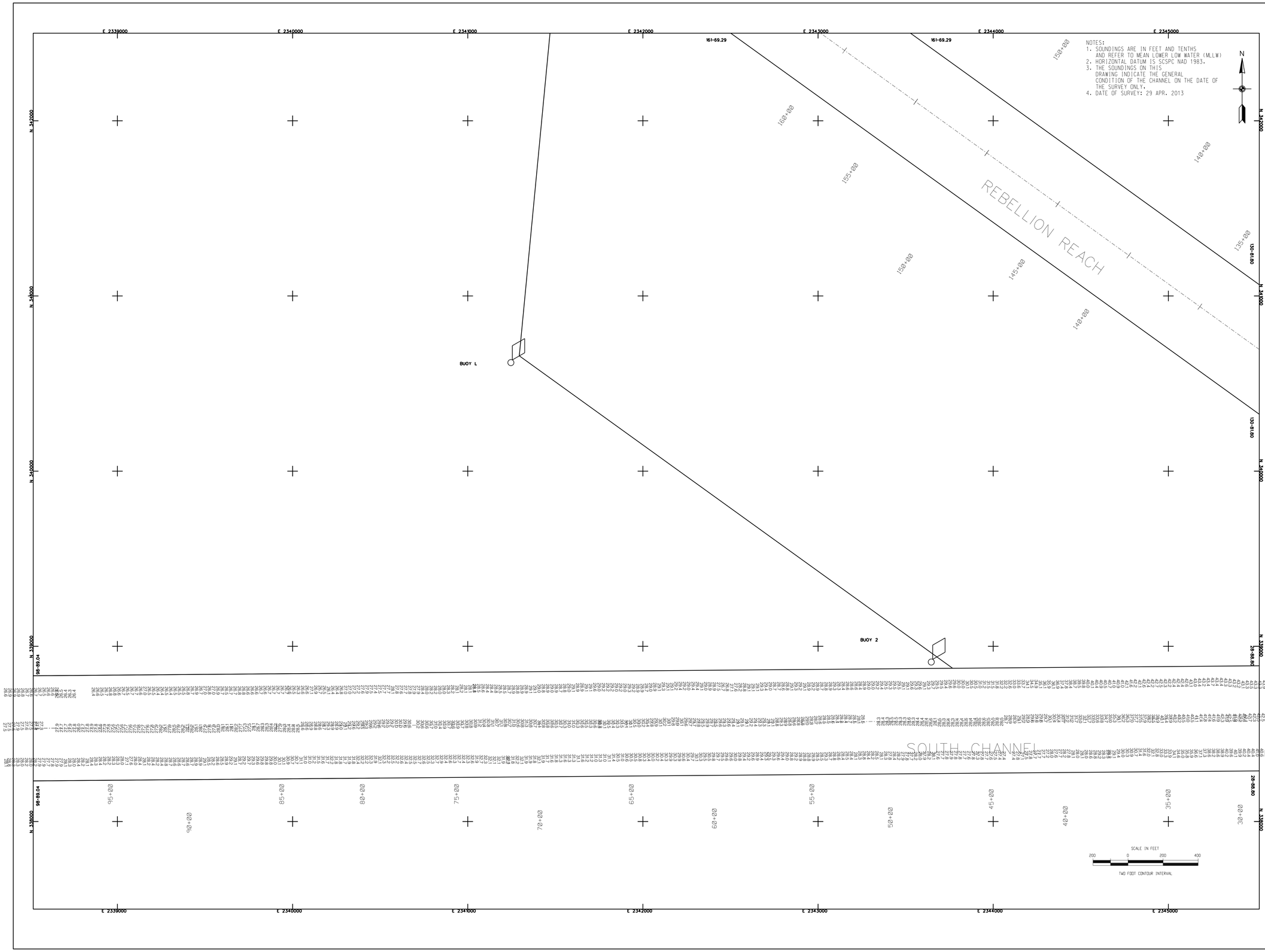
Designed by:
Drawn by: MRV
Ckd by:
Reviewed by:
Submitted by:
Date: DEC. 2013
Rev:
Design file no. 9521
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

CHARLESTON HARBOR
MAIN CHANNEL/Ashley River/Shem Creek
CHARLESTON, SC

(Ashley R. STA. 0+00 to STA. 28+88.80)
CHARLESTON COUNTY 9521 SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 2 OF 10



US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRO.	MARK	DESCRIPTION	DATE	APPRO.

Designed by:
Drawn by: MRV
Checked by:
Reviewed by:
Submitted by:
Date: DEC. 2013
Rev.
Design file no.
9521
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

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

CHARLESTON HARBOR
ASHLEY RIVER
CHARLESTON, SC

STA. 28+88.80 to STA. 98+89.04

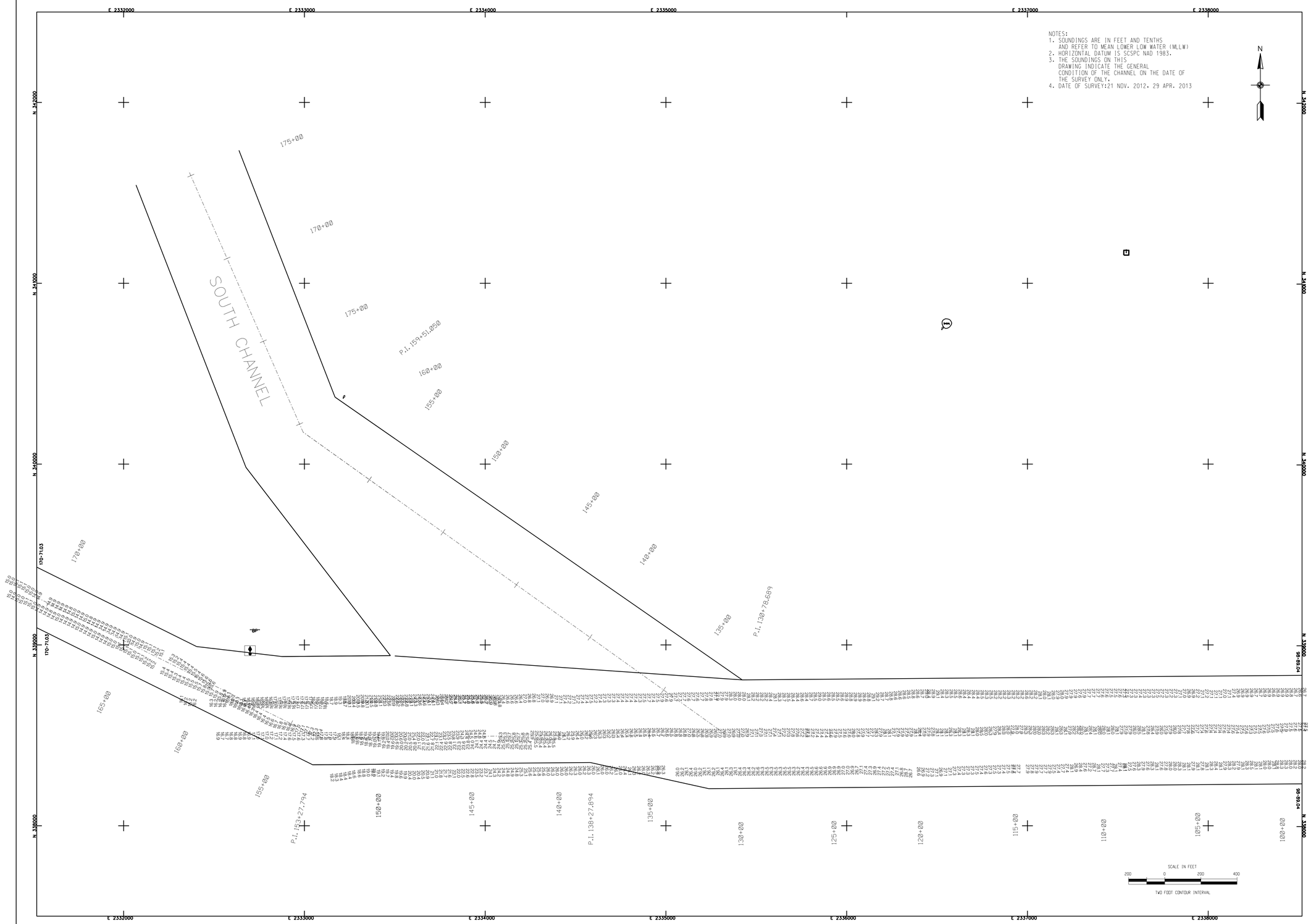
9521

CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 3 OF 10

NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW)
2. HORIZONTAL DATUM IS SCSPC 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:21 NOV. 2012, 29 APR. 2013



US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

Designed by:
Date: DEC. 2013
Rev.
Drawn by: MRV
Chkd by:
Drawing file no. 9521
Reviewed by:
Drawing Code:
Submitted by:
File name:
Plot scale:
Dwg scale: 1" = 200'

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

CHARLESTON HARBOR
ASHLEY RIVER
CHARLESTON, SC

STA. 98+89.04 to STA. 170+71.03

CHARLESTON COUNTY 9521 SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 4 OF 10

NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW)
2. HORIZONTAL DATUM IS SCSPC NAD 198
3. THE SOUNDINGS ON THIS DRAWING INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF THE SURVEY ONLY.
4. DATE OF SURVEY:21 NOV. 2012

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: DEC. 2013
Rev:
Drawn by: MRV
Cad by:
Design file no. 9521
Reviewed by:
Drawing Code:
Submitted by:
File name:
Plot date:
Dwg scale: 1" = 200'

CHARLESTON HARBOR
ASHLEY RIVER
CHARLESTON, SC

STA. 170+71.03 to STA. 243+51.80

CHARLESTON COUNTY 9521 SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 5 OF 10

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: DEC. 2013 | Rev:
Drawn by: MRV | Ckd by: | Design file no. 952I
Reviewed by: | Drawing Code:
Submitted by: | File name: | File date: | Dwg scale: 1" = 200'

CHARLESTON HARBOR
ASHLEY RIVER
CHARLESTON, SC

STA. 243+51.80 to STA. 322+90.97

CHARLESTON COUNTY 952I SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 6 OF 10

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

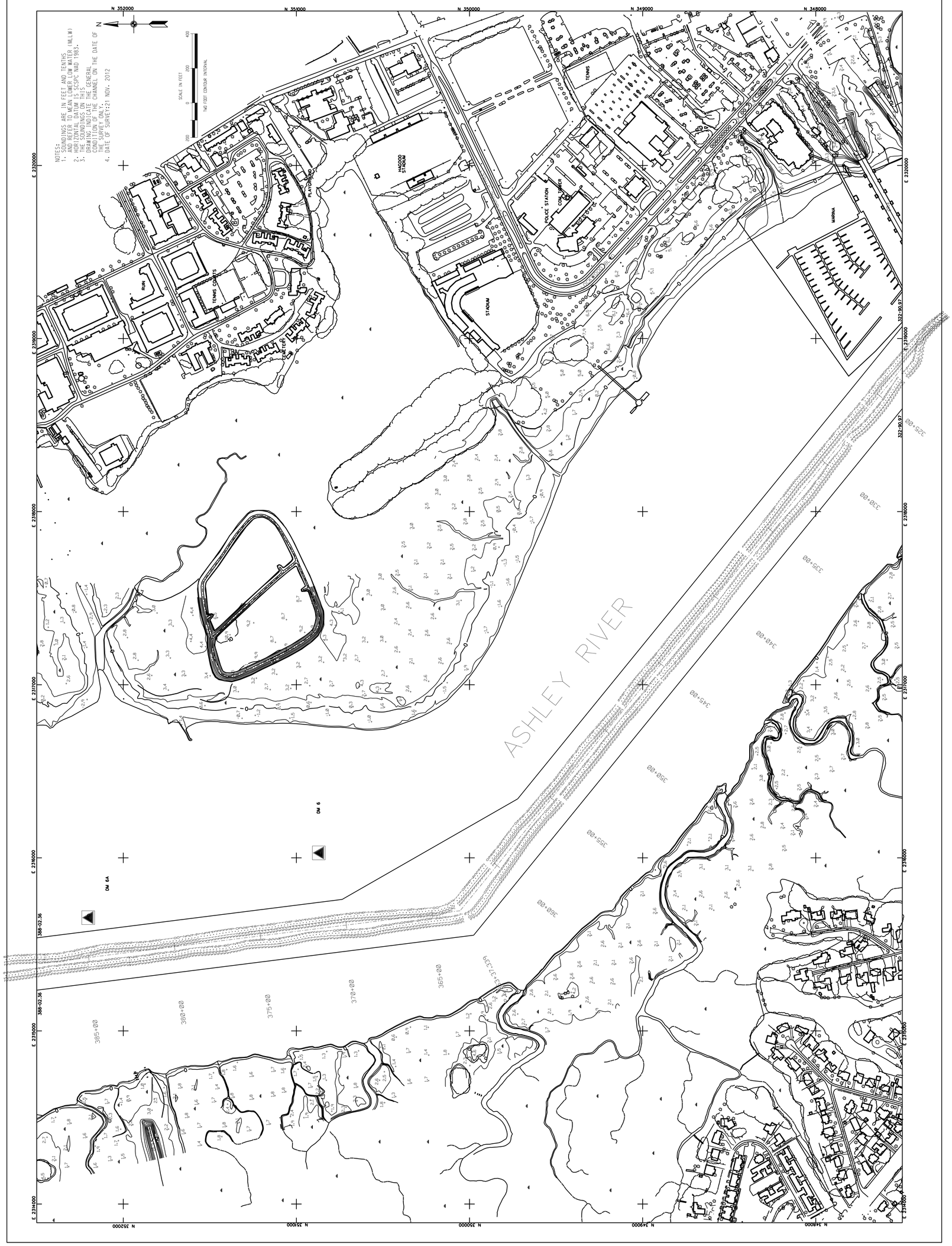
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

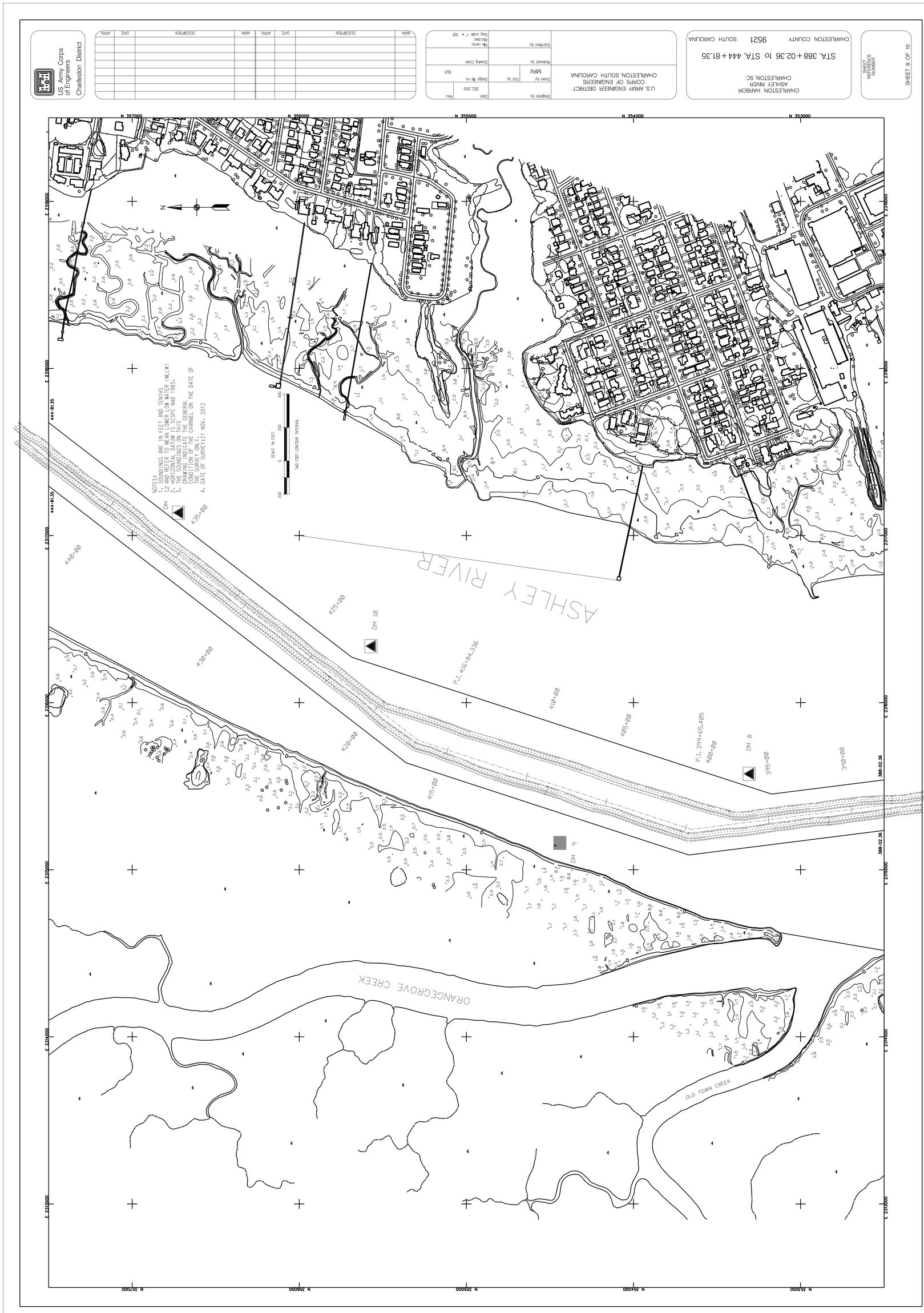
Designed by:		Date: DEC. 2013	Rev.
Drawn by: MRV	Ckd by:	Design file no. 9521	
Reviewed by:		Drawing Code:	
Submitted by:		File name: Plot date: Dwg scale: 1" = 200'	

CHARLESTON HARBOR
ASHLEY RIVER
CHARLESTON, SC

STA. 322+90.98 to STA. 388+02.36
9521
CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 7 OF 10




US Army Corps of Engineers
Charleston District
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA
CHARLESTON HARBOR
ASHLEY RIVER
CHARLESTON, SC
STA. 388+02.36 to STA. 444+81.35
CHARLESTON COUNTY
9521
SOUTH CAROLINA
SHEET REFERENCE NUMBER
SHEET 8 OF 10
NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS
12 AND REFER TO MEAN LOWER LOW WATER (MLLW)
2. HORIZONTAL DATUM IS SCSPC 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:21 NOV. 2012
SCALE IN FEET
TWO FOOT CONTOUR INTERVAL
ASHLEY RIVER
ORANGEGROVE CREEK
OLD TOWN CREEK
DM 10
DM 8
DM 9
P.I. 416+84.336
P.I. 399+65.405
435+00
440+00
425+00
430+00
420+00
415+00
410+00
405+00
400+00
395+00
390+00
388+02.36
444+81.35
N 357000
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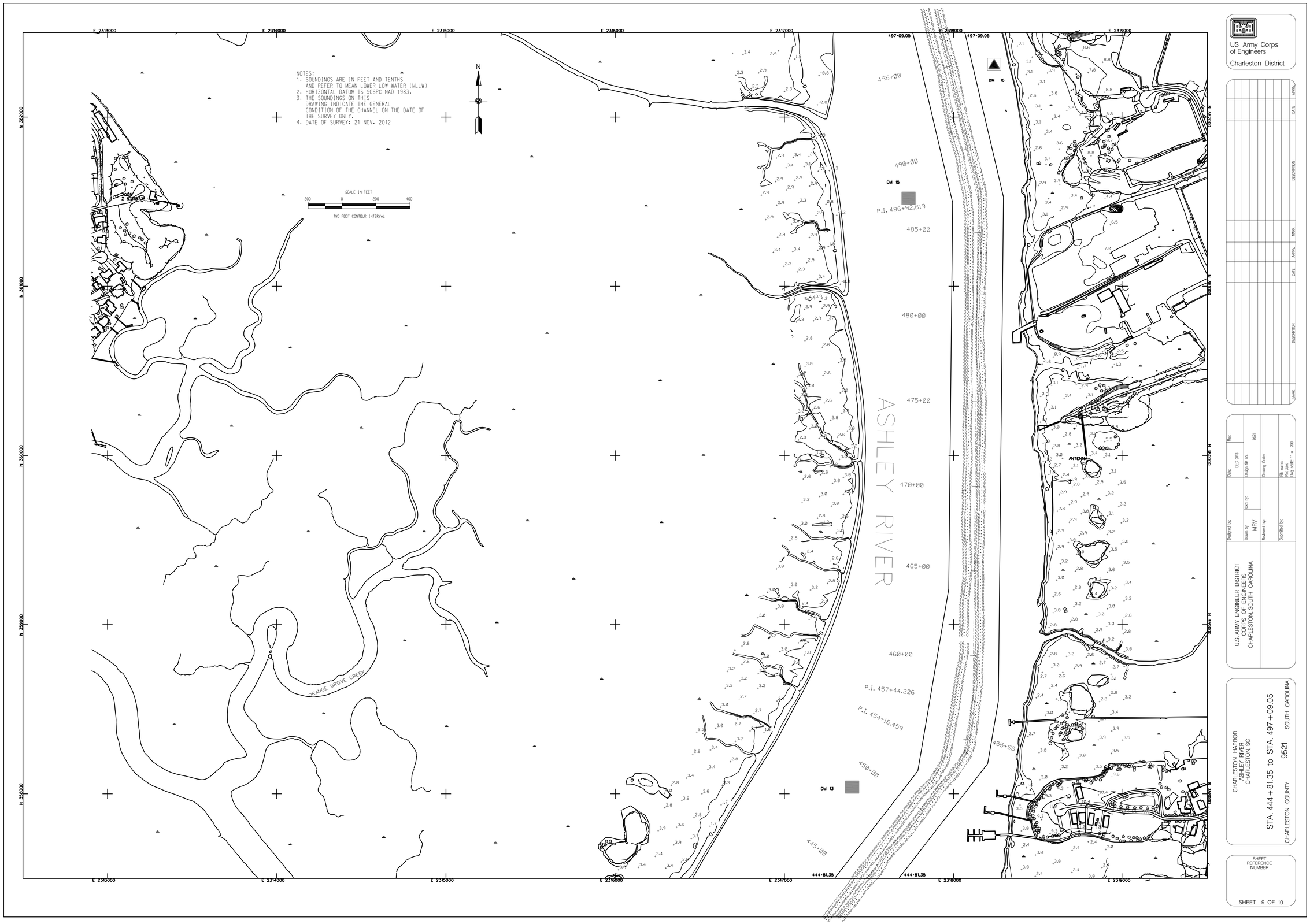
E 2315000
E 2314000
E 2313000



US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

Designed by:
Drawn by: MRV
Cad by:
Reviewed by:
Submitted by:
Date: DEC. 2013
Rev:
Design file no. 9521
Drawing Code:
File name:
Plot scale: 1" = 200'

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

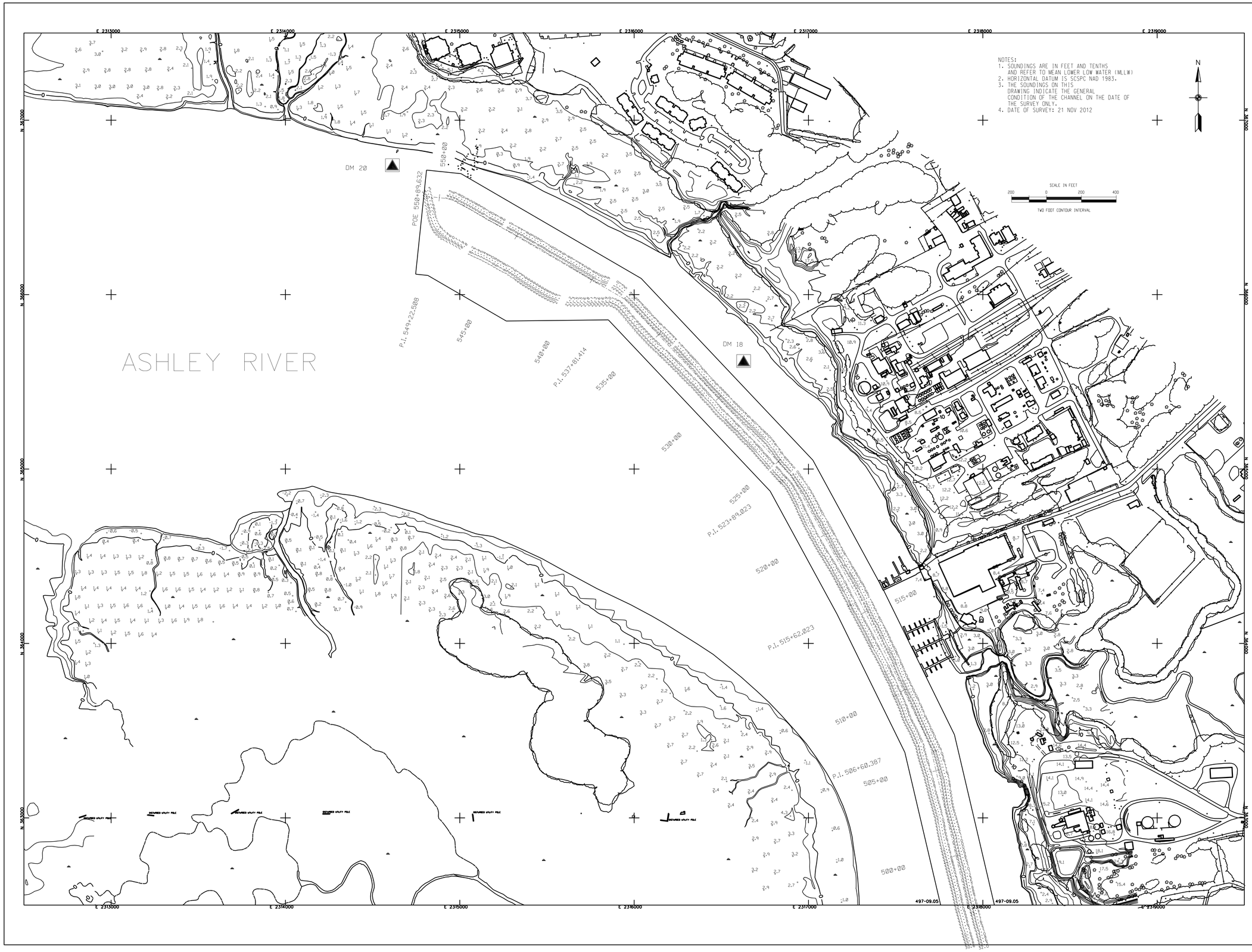
CHARLESTON HARBOR
ASHLEY RIVER
CHARLESTON, SC

STA. 444+81.35 to STA. 497+09.05

CHARLESTON COUNTY 9521 SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 9 OF 10



US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

Designed by:
Drawn by: MRV
Checked by:
Reviewed by:
Submitted by:
Date: DEC.2013
Rev:
Design file no. 9521
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File name:
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Dwg scale: 1" = 200'

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

CHARLESTON HARBOR
ASHLEY RIVER
CHARLESTON, SC

STA. 497+09.05 to STA. 550+89.63

CHARLESTON COUNTY 9521 SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 10 OF 10