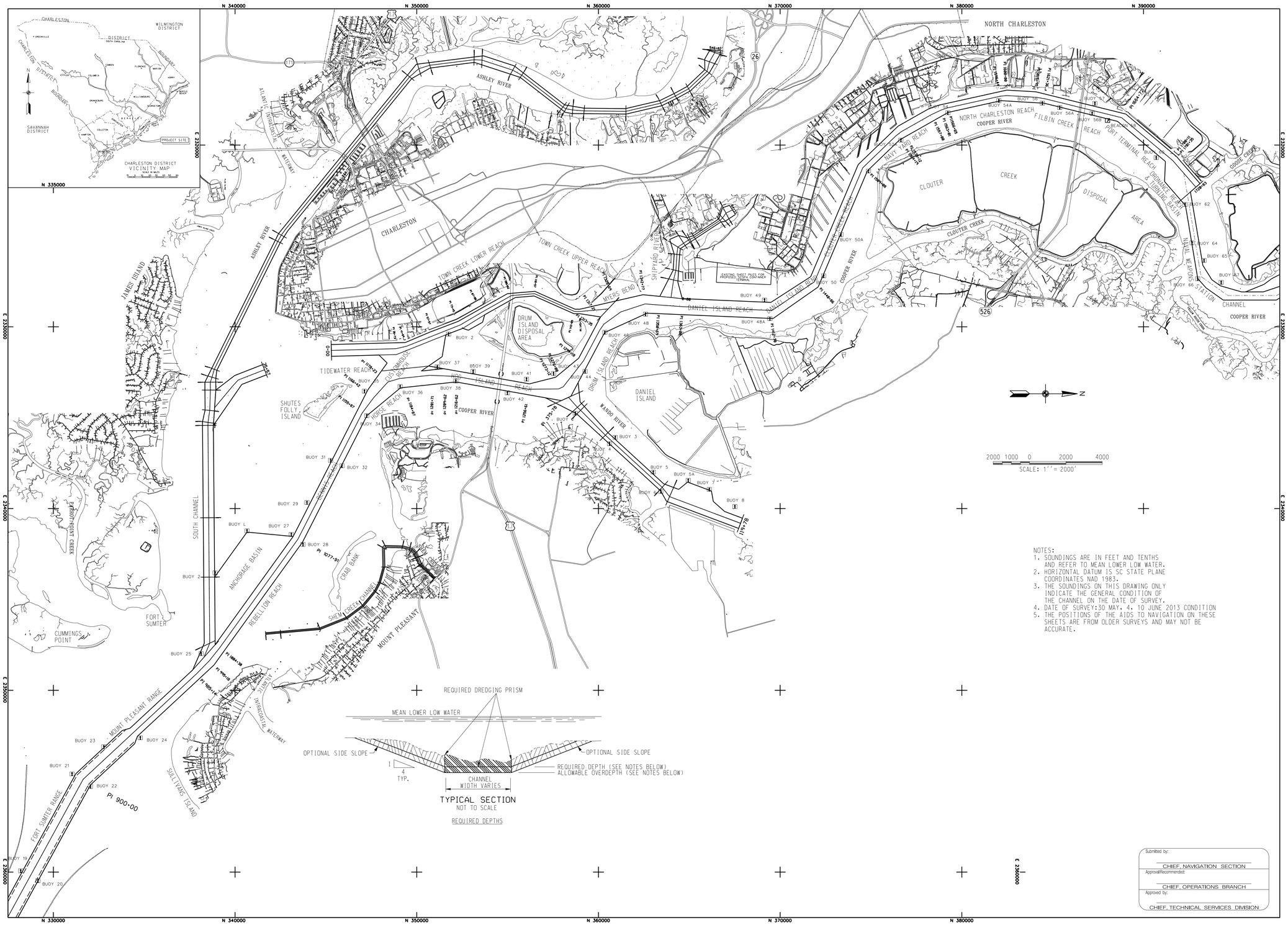


NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER.
2. HORIZONTAL DATUM IS SC STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS DRAWING ONLY INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF SURVEY.
4. DATE OF SURVEY:30 MAY, 4, 10 JUNE 2013 CONDITION
5. THE POSITIONS OF THE AIDS TO NAVIGATION ON THESE SHEETS ARE FROM OLDER SURVEYS AND MAY NOT BE ACCURATE.

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 | APPRV. | MARK | DESCRIPTION | DATE | APPRV. |
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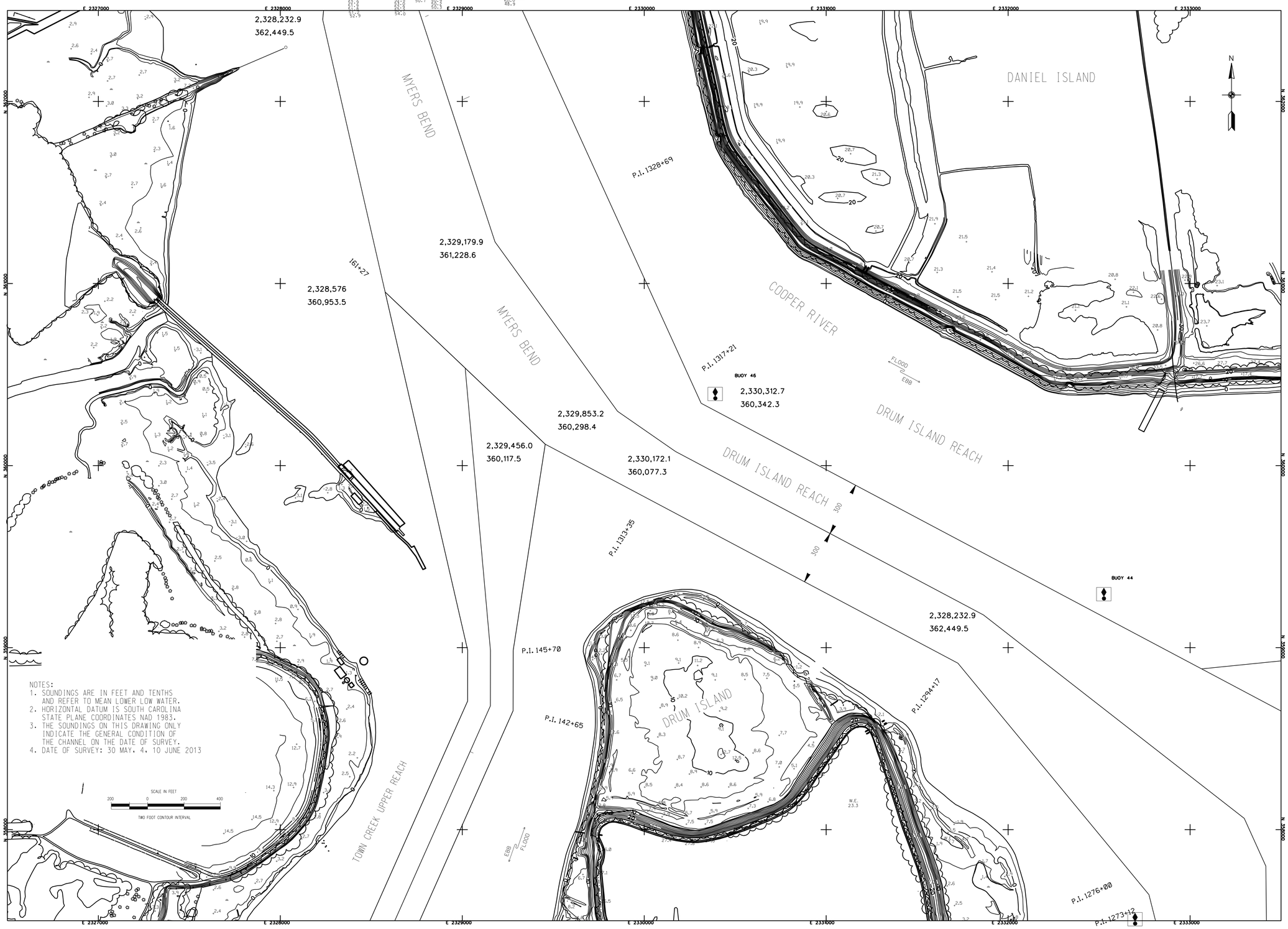
Designed by:
Drawn by: MRV
Ckd by:
Reviewed by:
Submitted by:
Date: JUNE 2013
Rev.
Design file no. 9494
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 2000'

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

CHARLESTON HARBOR
UPPER CHARLESTON PROFILE LINES
9494
CHARLESTON & BERKELEY COUNTIES, SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 1 OF 10




US Army Corps of Engineers
Charleston District

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Designed by:
Drawn by: MRV
Ckd by:
Reviewed by:
Submitted by:
Date: JUNE 2013
Rec:
Design file no. 9494
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

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

CHARLESTON HARBOR
UPPER CHARLESTON PROFILES
9494
CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 2 OF 10

US Army Corps of Engineers
Charleston District

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

Designed by:
Drawn by: MRV
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Reviewed by:
Submitted by:
Date: JUNE 2013
Rev:
Design file no. 9494
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

CHARLESTON HARBOR
UPPER CHARLESTOM PROFILES
9494
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.
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS DRAWING ONLY INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF SURVEY.
4. DATE OF SURVEY: 30 MAY, 4, 10 JUNE 2013

US Army Corps of Engineers
Charleston District

| MARK | DATE | DESCRIPTION | MARK | DATE | DESCRIPTION | MARK |
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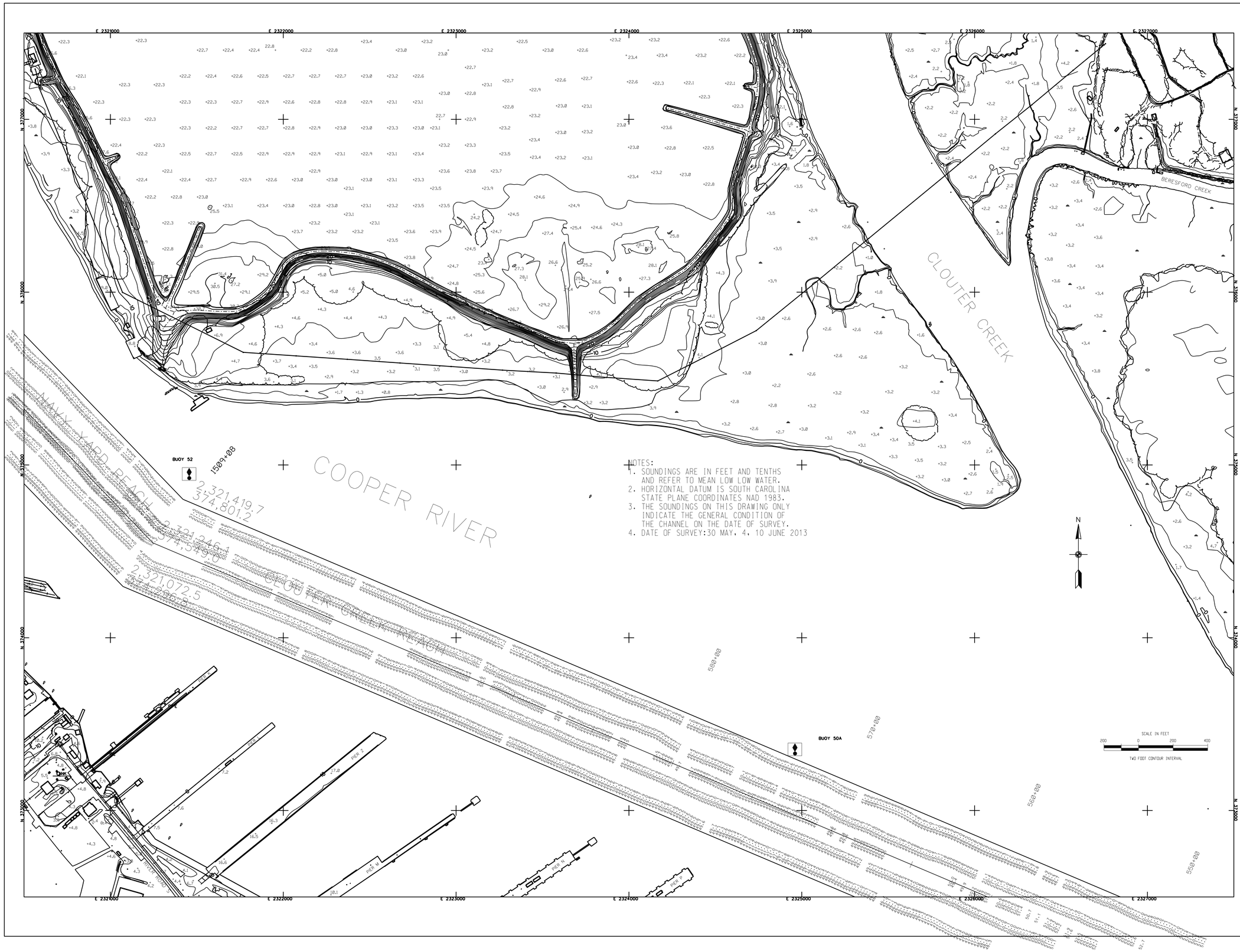
Designed by:
Drawn by: MRV
Cad by:
Reviewed by:
Submitted by:
Date: JUNE 2013
Design file no. 9494
Drawing Code:
File name:
Plot scale: 1" = 200'
Dwg. scale: 1" = 200'
Rev.

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

CHARLESTON HARBOR
UPPER CHARLESTON PROFILES
9494
CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 4 of 10




NOTES:
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US Army Corps of Engineers
Charleston District

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Drawn by: MRV
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Reviewed by:
Submitted by:
Date: JUNE 2013
Design file no. 9494
Drawing Code:
File name:
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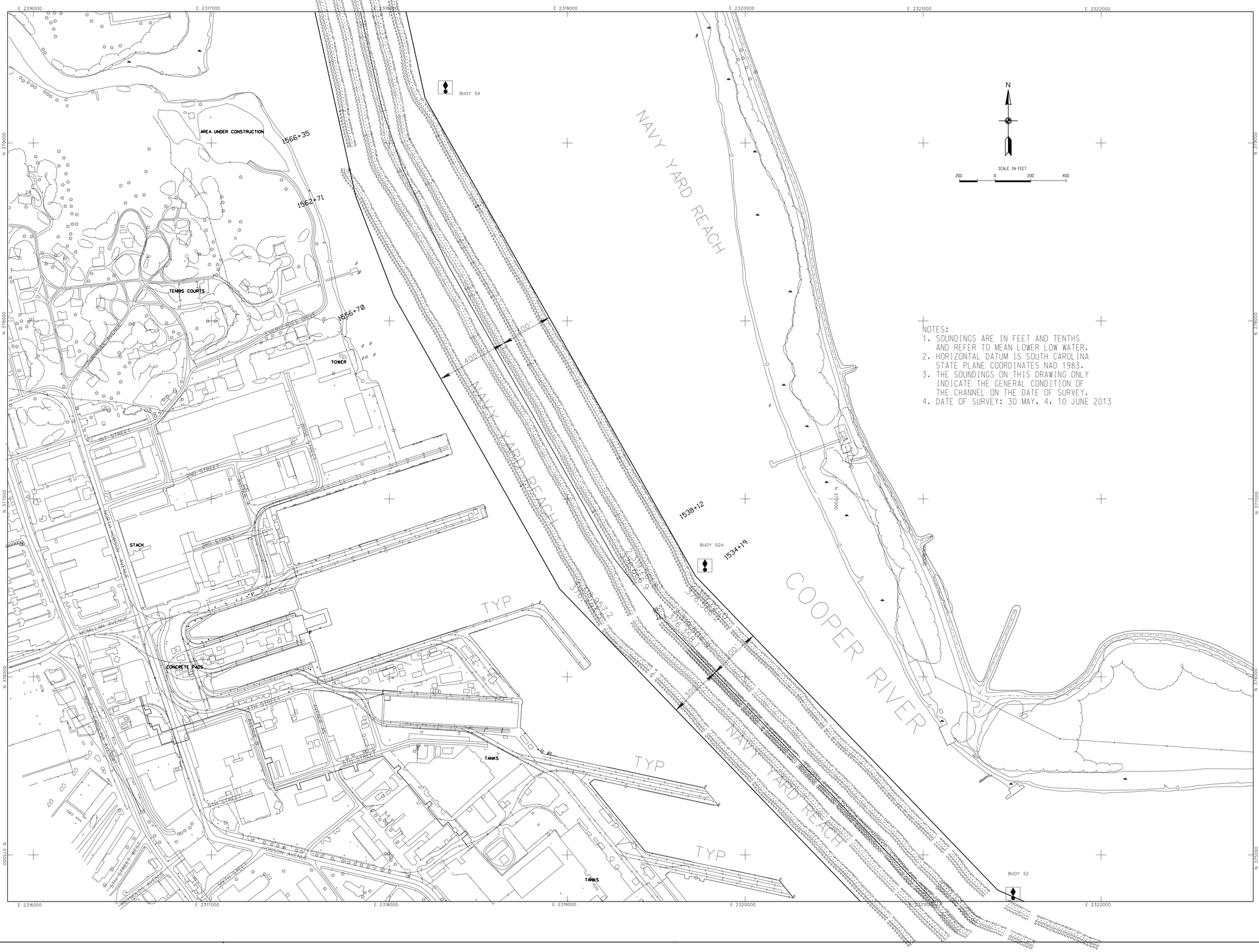
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

CHARLESTON HARBOR
LOWER CHARLESTON PROFILES
9494
CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 5 OF 10




NOTES:
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US Army Corps of Engineers
Charleston District

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Drawn by: MRV
Ckd by:
Reviewed by:
Submitted by:
Date: JUNE 2013
Rev:
Design file no. 9494
Drawing Code:
File name:
Plot scale:
Dwg scale: 1" = 200'

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

CHARLESTON HARBOR
UPPER CHARLESTON PROFILES
9494
CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 6 OF 10

US Army Corps of Engineers
Charleston District

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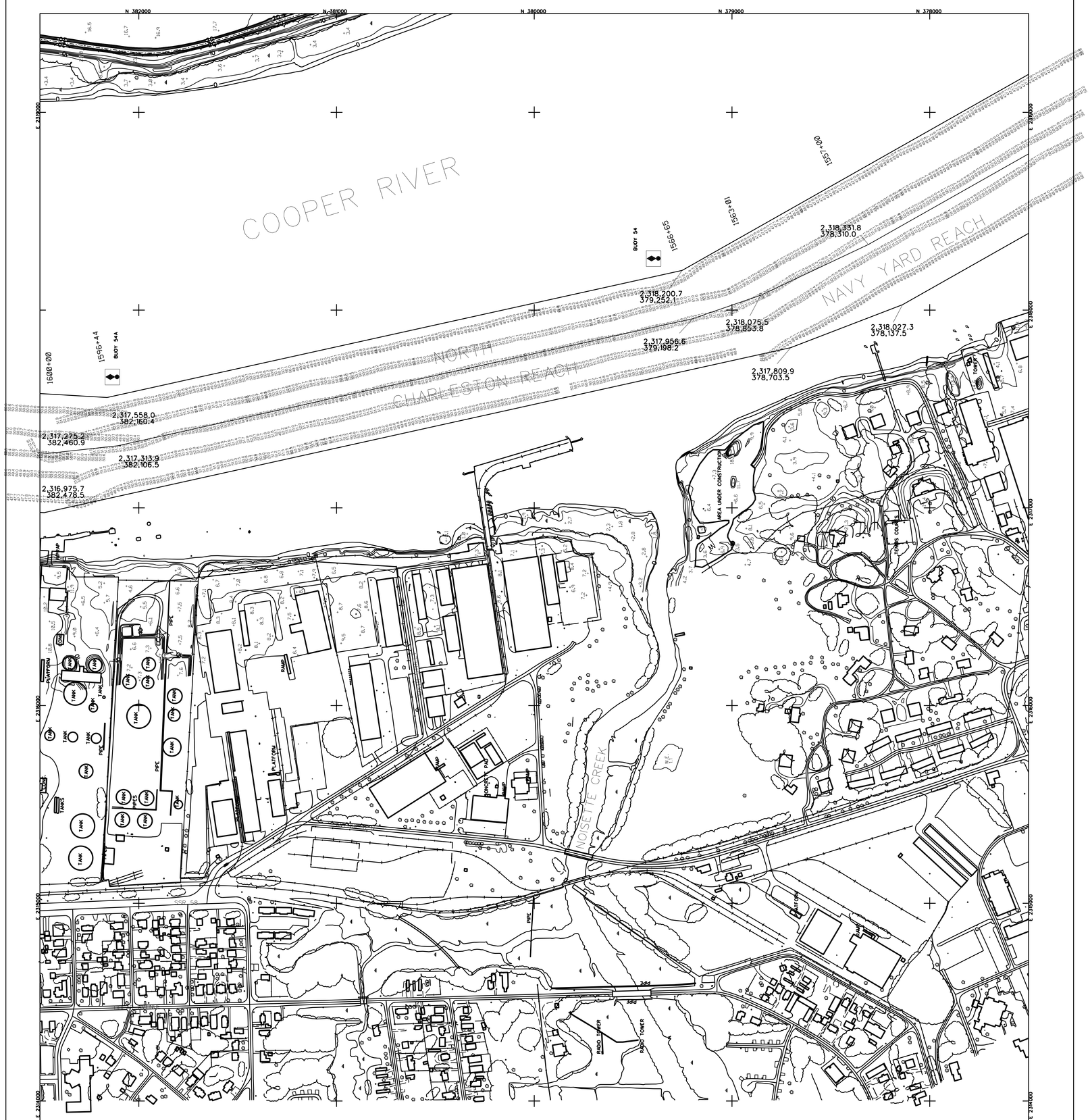
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Designed by:
Drawn by: MRV
Checked by:
Reviewed by:
Submitted by:
Date: JUNE 2013
Rev.:
Dwg. Size: 36H
File name:
Plot date:
Dwg scale: 1" = 200'

CHARLESTON HARBOR
UPPER CHARLESTON PROFILES
9494
CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 7 OF 10




NOTES:
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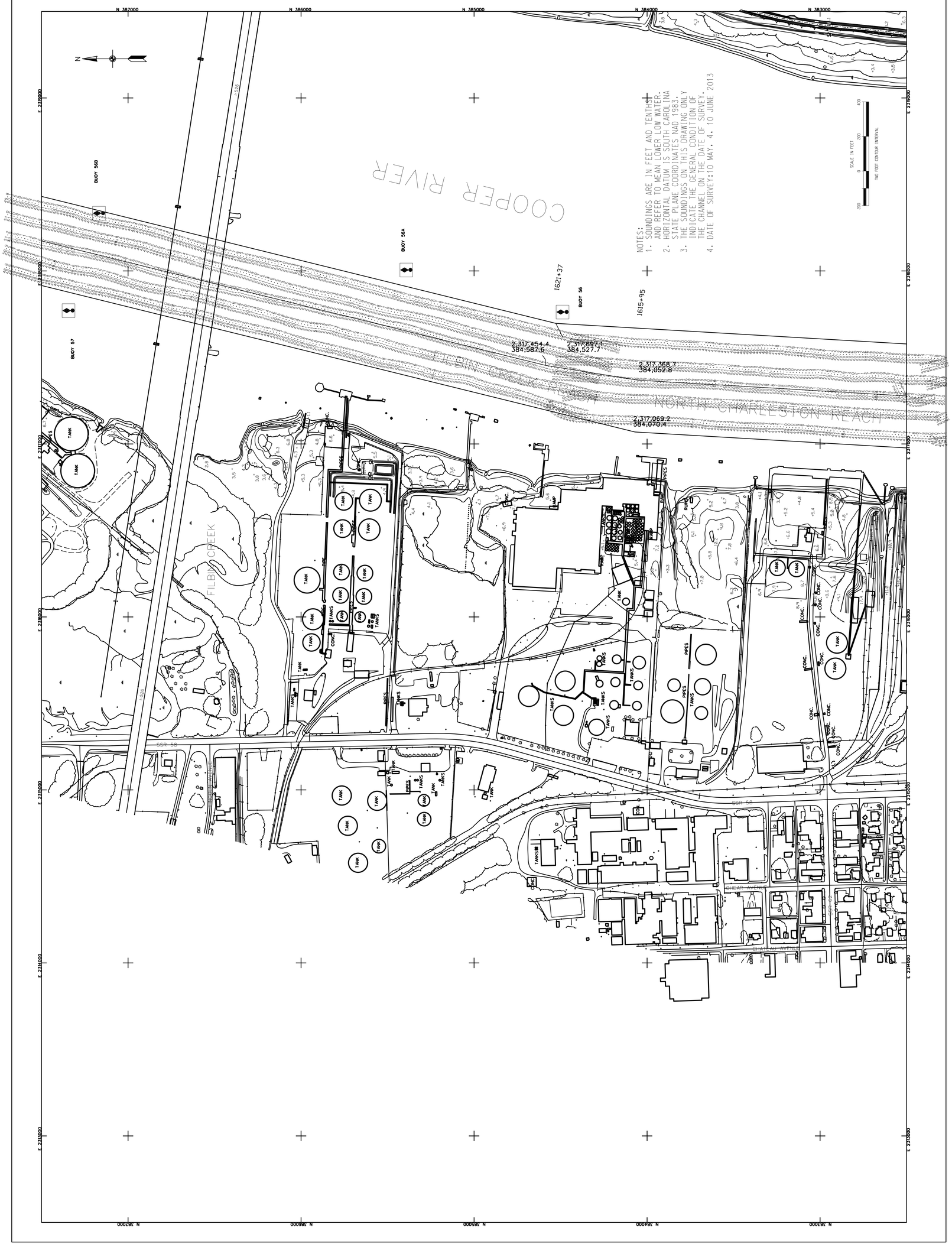
US Army Corps of Engineers
Charleston District
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA
CHARLESTON HARBOR
UPPER CHARLESTON PROFILES
9494
CHARLESTON COUNTY
SOUTH CAROLINA
SHEET REFERENCE NUMBER
SHEET 8 OF 10
NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER.
2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
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4. DATE OF SURVEY: 10 MAY, 4, 10 JUNE 2013
SCALE IN FEET
TWO FOOT CONTOUR INTERVAL
COOPER RIVER
FILBIN CREEK REACH
NORTH CHARLESTON REACH
FILBIN CREEK
BUOY 56B
BUOY 56A
BUOY 56
BUOY 57
1621+37
1615+95
2,317,454.4
384,587.6
2,317,697.1
384,527.7
2,317,368.7
384,052.8
2,317,069.2
384,070.4
SSR 58
GHEAR AVENUE
CHATEAU AVENUE
TANK
TANKS
PIPES
CONC.
N 387000
N 386000
N 385000
N 384000
N 383000
E 2319000
E 2318000
E 2317000
E 2316000
E 2315000
E 2314000
E 2313000

US Army Corps of Engineers
Charleston District

| MARK | DESCRIPTION | DATE | APPRV. | MARK | DESCRIPTION | DATE | APPRV. |
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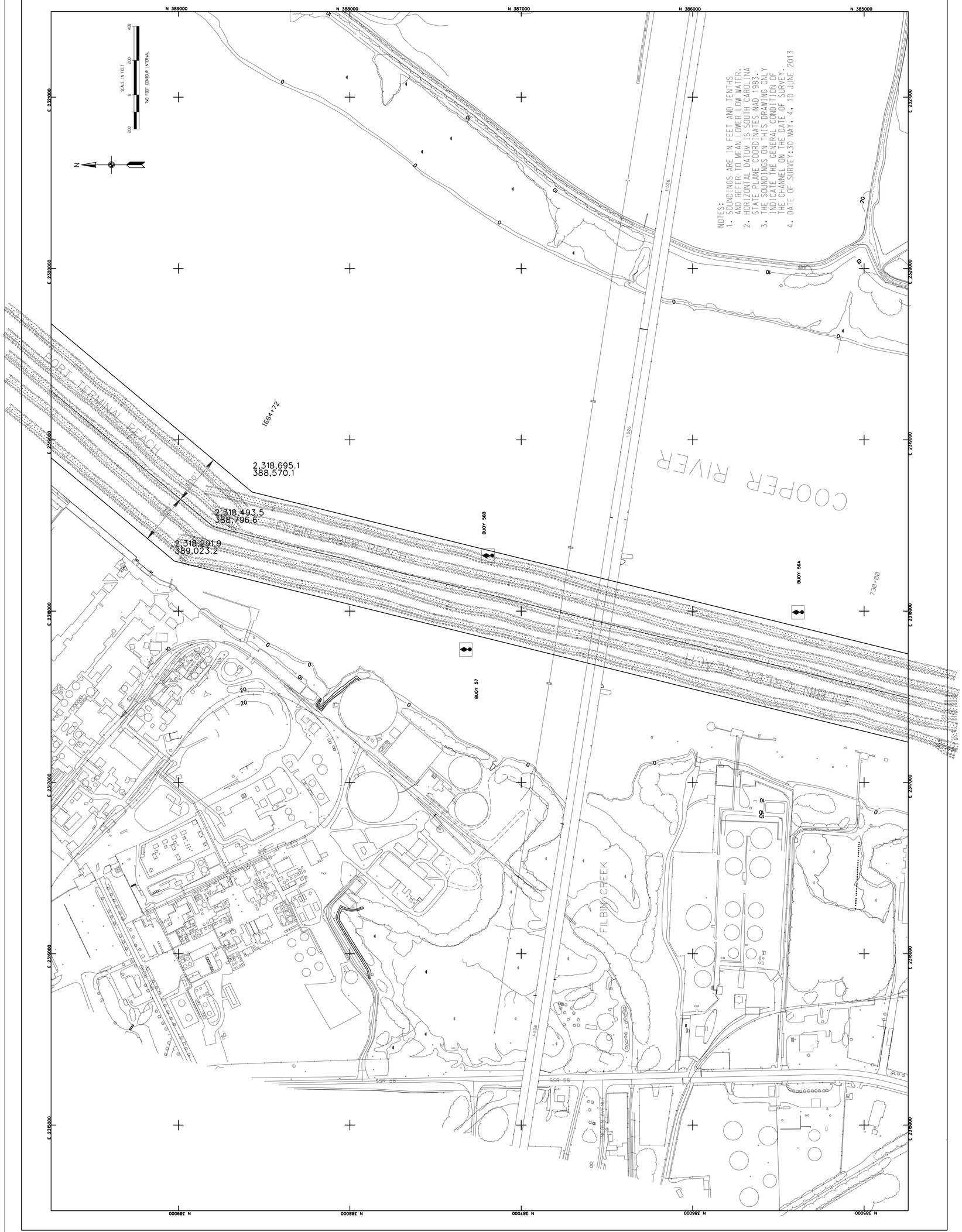
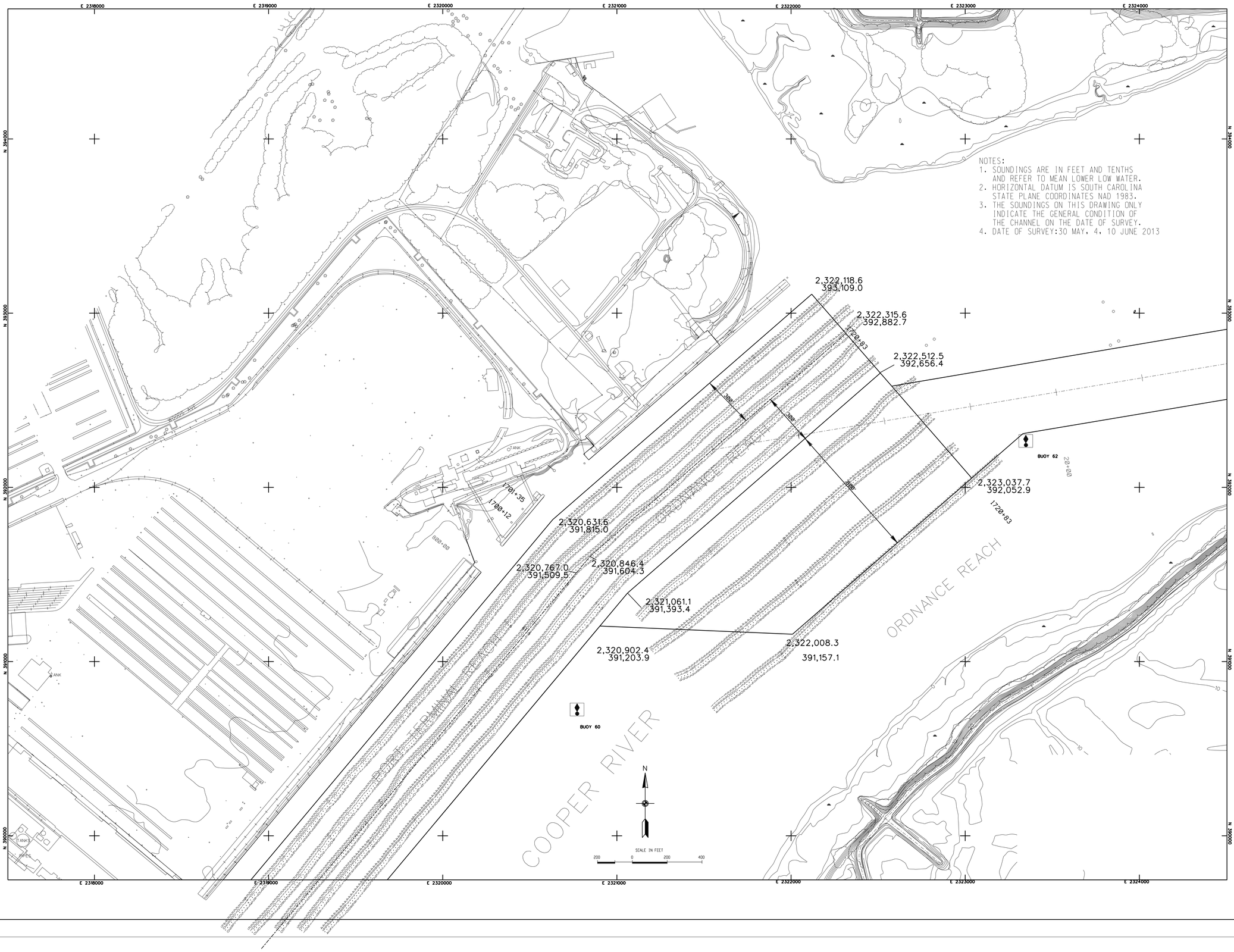
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Designed by:
Date: JUNE 2013
Spec:
Drawn by: MRV
Chd by:
Design file no. 9494
Reviewed by:
Drawing Code:
Submitted by:
File name:
Plot date:
Dwg scale 1" = 200'

CHARLESTON HARBOR
UPPER CHARLESTON PROFILES
9494
CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 9 OF 10



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US Army Corps of Engineers
Charleston District

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

CHARLESTON HARBOR
UPPER CHARLESTON PROFILES
9494
CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 10 OF 10