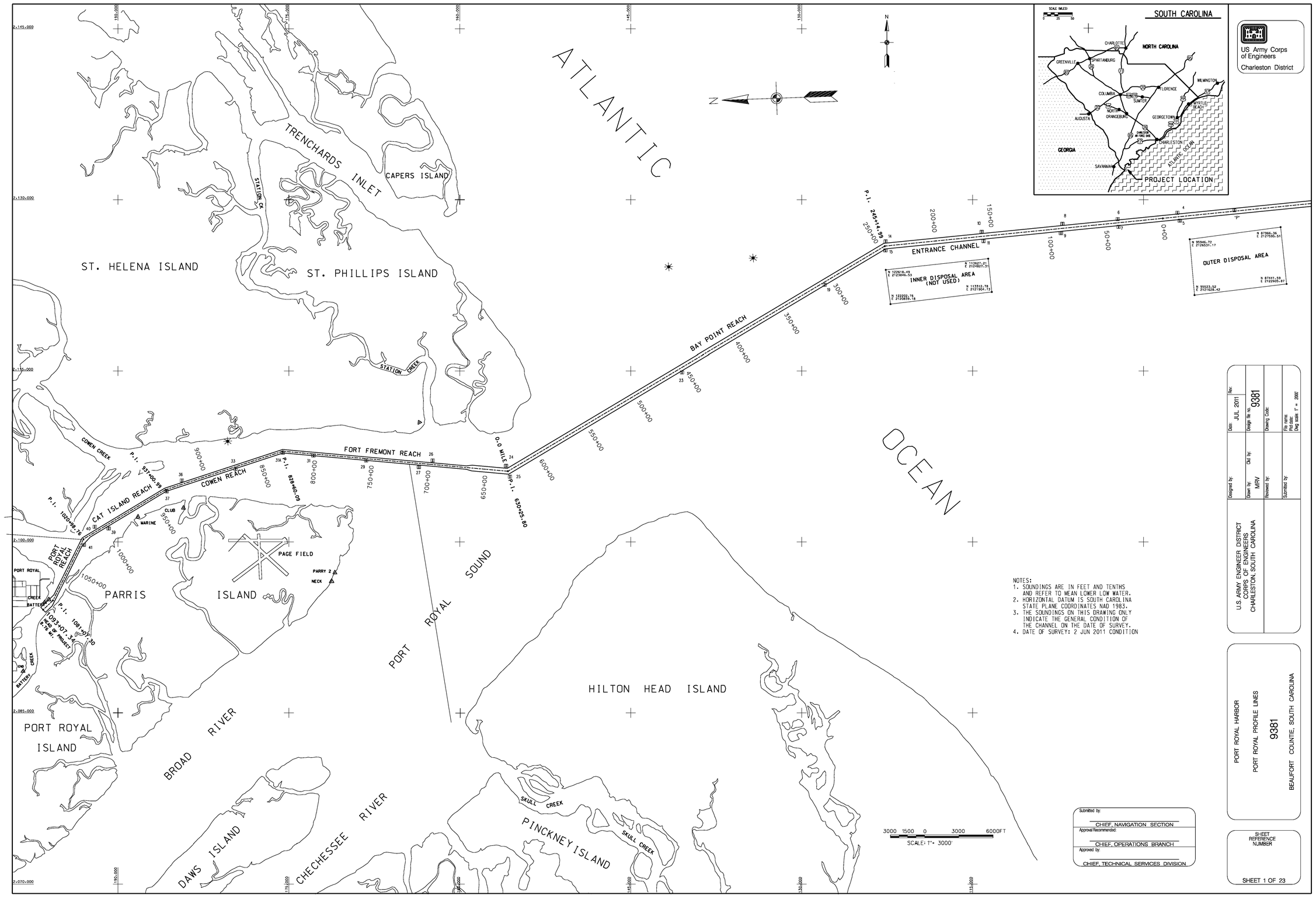

NOTES:
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2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS DRAWING ONLY INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF SURVEY.
4. DATE OF SURVEY: 2 JUN 2011 CONDITION

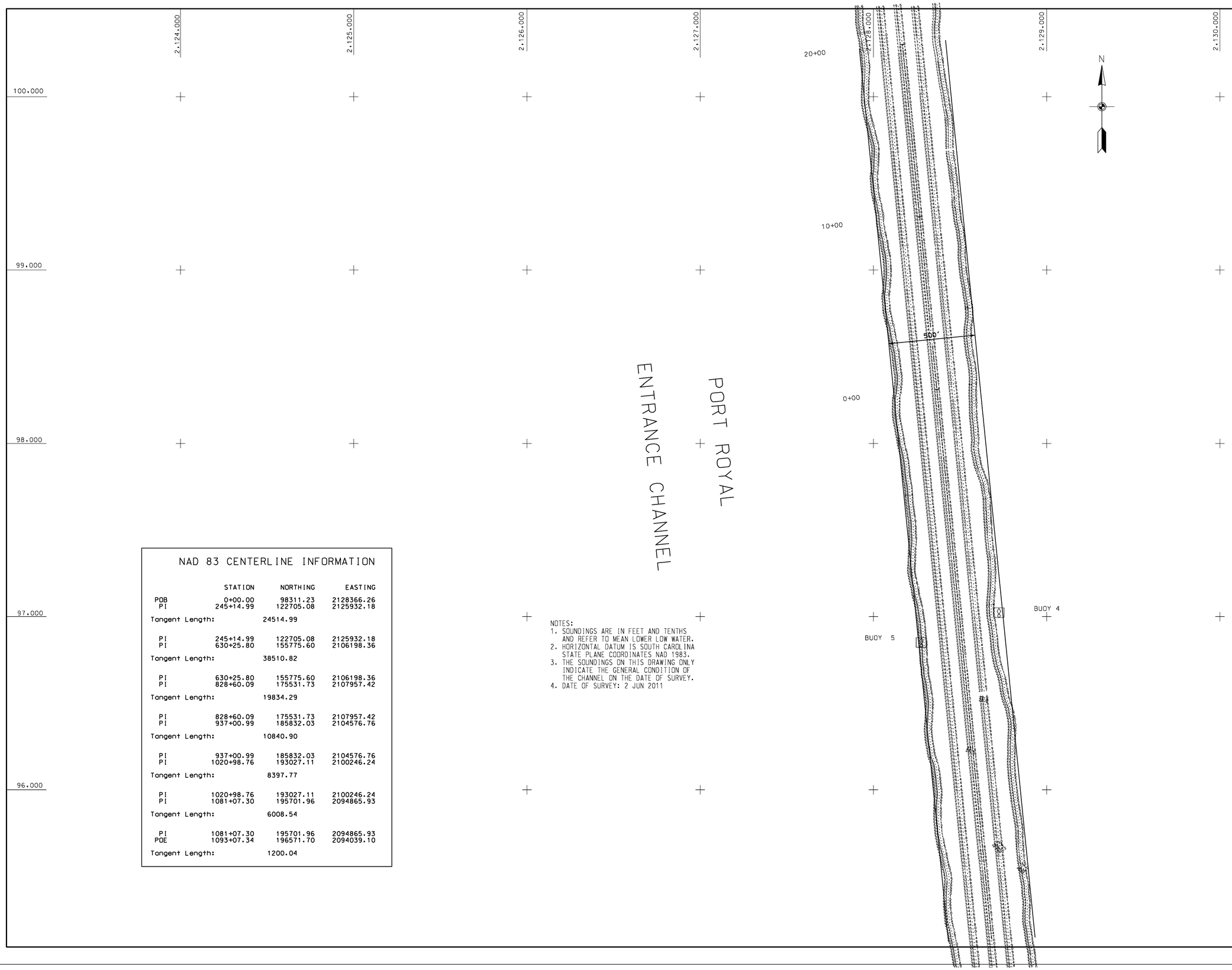
Submitted by:
CHIEF, NAVIGATION SECTION
Approval Recommended:
CHIEF, OPERATIONS BRANCH
Approved by:
CHIEF, TECHNICAL SERVICES DIVISION

Designed by:
Drawn by: MRV
Chk by:
Reviewed by:
Submitted by:
Date: JUL 2011
Rev:
Design file no. 9381
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 2000'

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

PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9381
BEAUFORT COUNTIE, SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 1 OF 23



NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
POB	0+00.00	98311.23	2128366.26
PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
Tangent Length:		38510.82	
PI	630+25.80	155775.60	2106198.36
PI	828+60.09	175531.73	2107957.42
Tangent Length:		19834.29	
PI	828+60.09	175531.73	2107957.42
PI	937+00.99	185832.03	2104576.76
Tangent Length:		10840.90	
PI	937+00.99	185832.03	2104576.76
PI	1020+98.76	193027.11	2100246.24
Tangent Length:		8397.77	
PI	1020+98.76	193027.11	2100246.24
PI	1081+07.30	195701.96	2094865.93
Tangent Length:		6008.54	
PI	1081+07.30	195701.96	2094865.93
POE	1093+07.34	196571.70	2094039.10
Tangent Length:		1200.04	

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US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.

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Drawn by: MRV
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Det. by:
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Submitted by:
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U.S. ARMY ENGINEER DISTRICT
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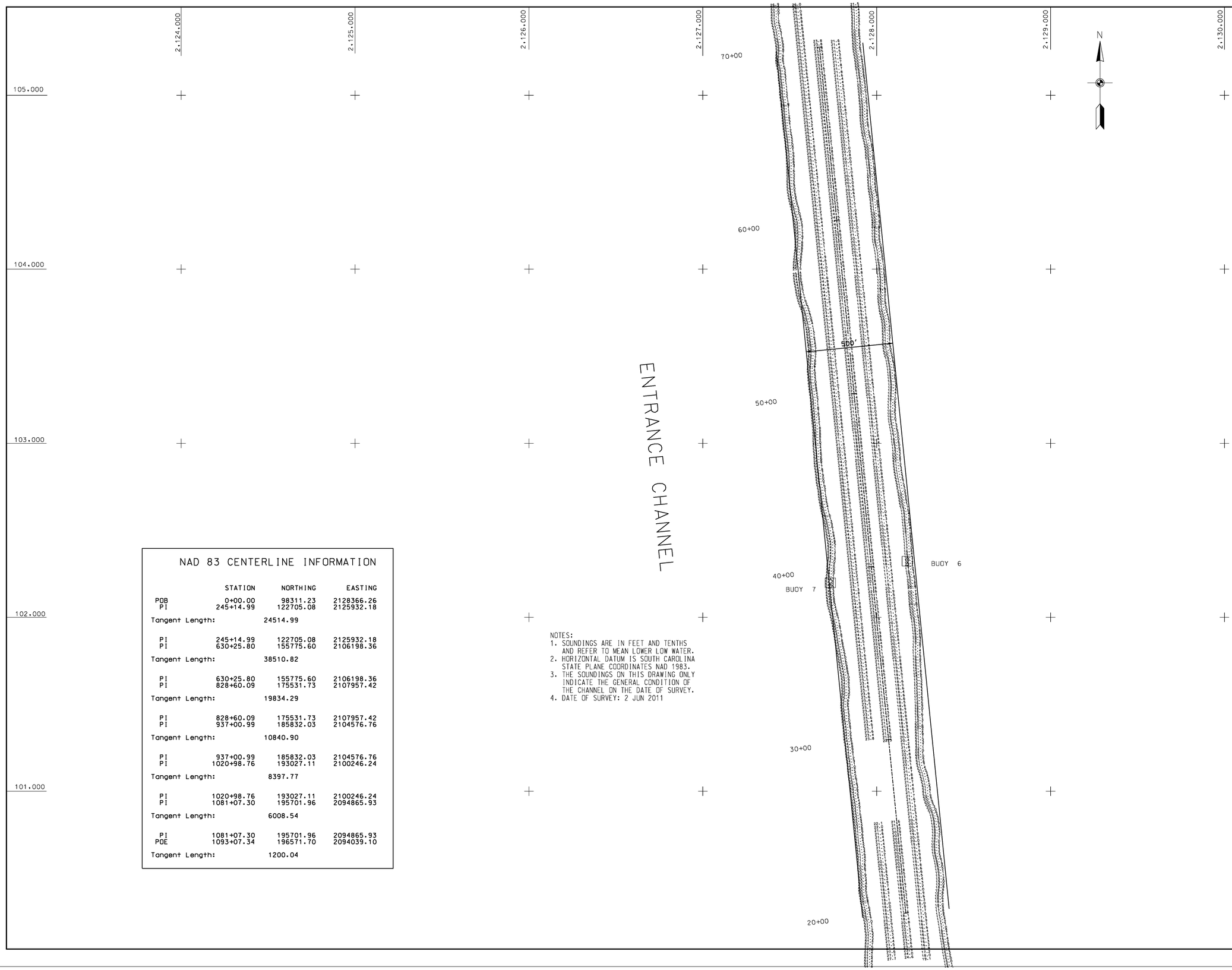
CHARLESTON, SOUTH CAROLINA

PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9381
BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 2 OF 23



NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
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PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
Tangent Length:		38510.82	
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PI	937+00.99	185832.03	2104576.76
Tangent Length:		10840.90	
PI	937+00.99	185832.03	2104576.76
PI	1020+98.76	193027.11	2100246.24
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POE	1093+07.34	196571.70	2094039.10
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Charleston District

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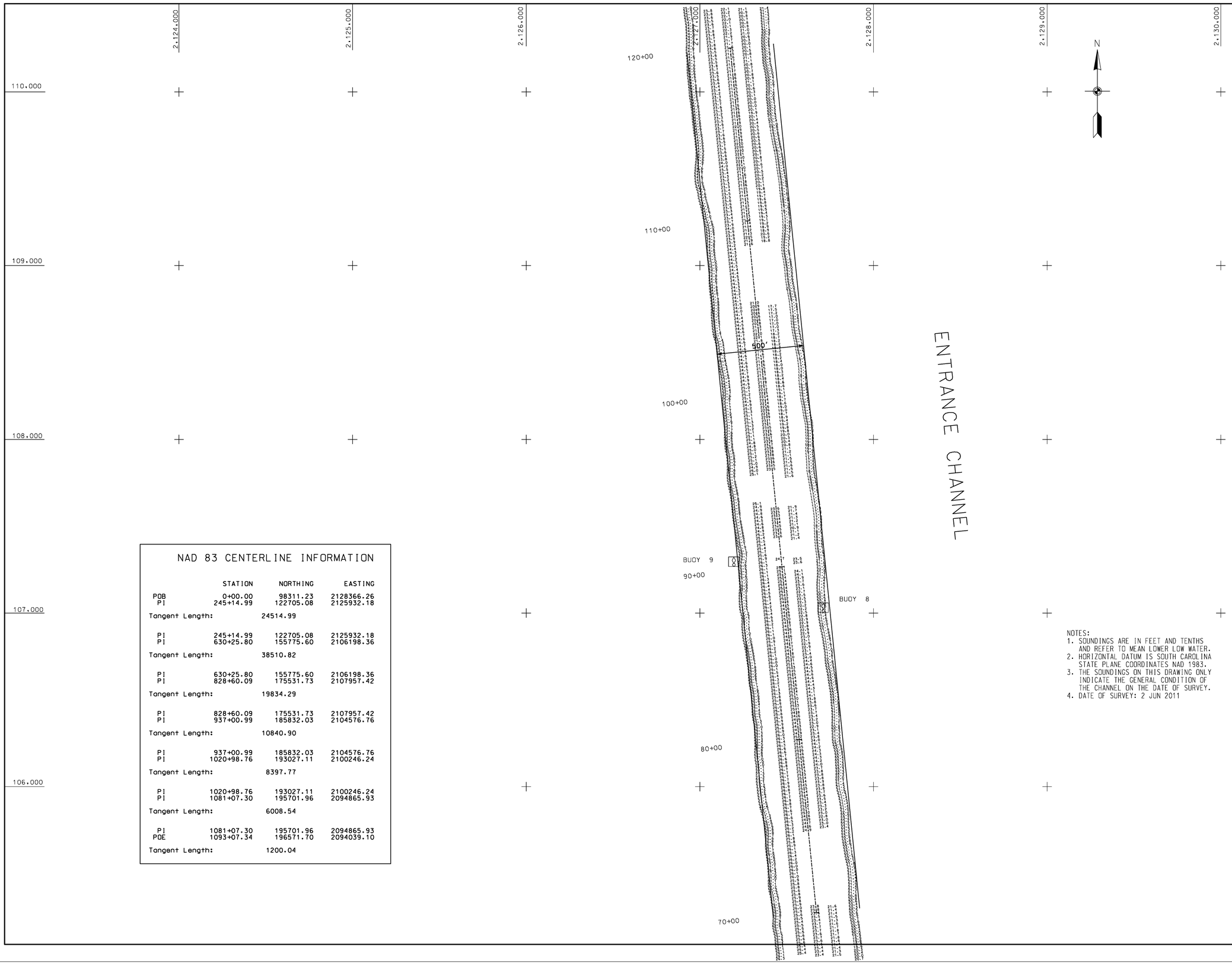
CHARLESTON, SOUTH CAROLINA

PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9381
BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 3 OF 23



NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
POB	0+00.00	98311.23	2128366.26
PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
Tangent Length:		38510.82	
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Charleston District

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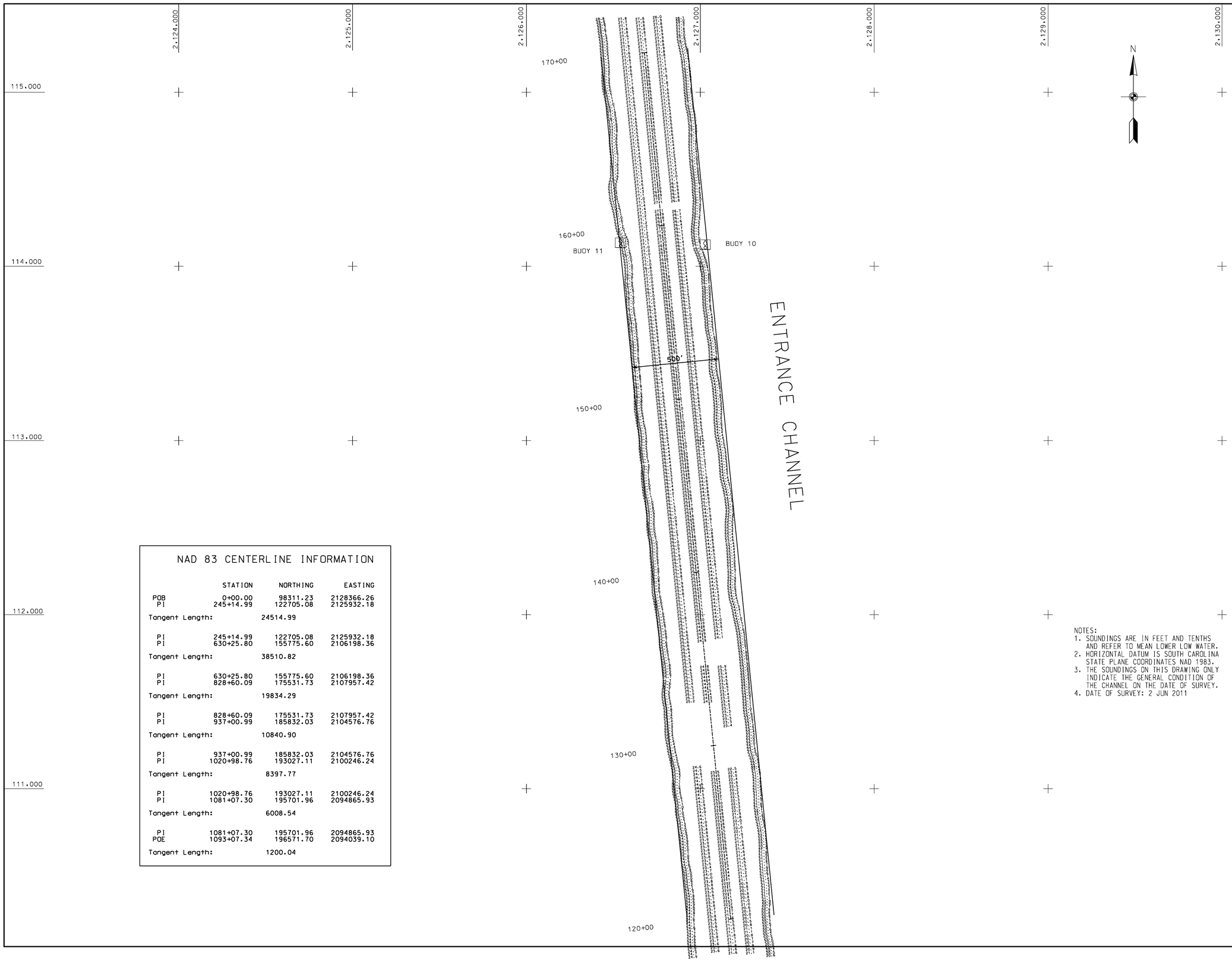
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9381
BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 4 OF 23



NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
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PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
Tangent Length:		38510.82	
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PI	828+60.09	175531.73	2107957.42
Tangent Length:		19834.29	
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PI	937+00.99	185832.03	2104576.76
Tangent Length:		10840.90	
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CHARLESTON, SOUTH CAROLINA

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Ckd by:
Design file no. 9381
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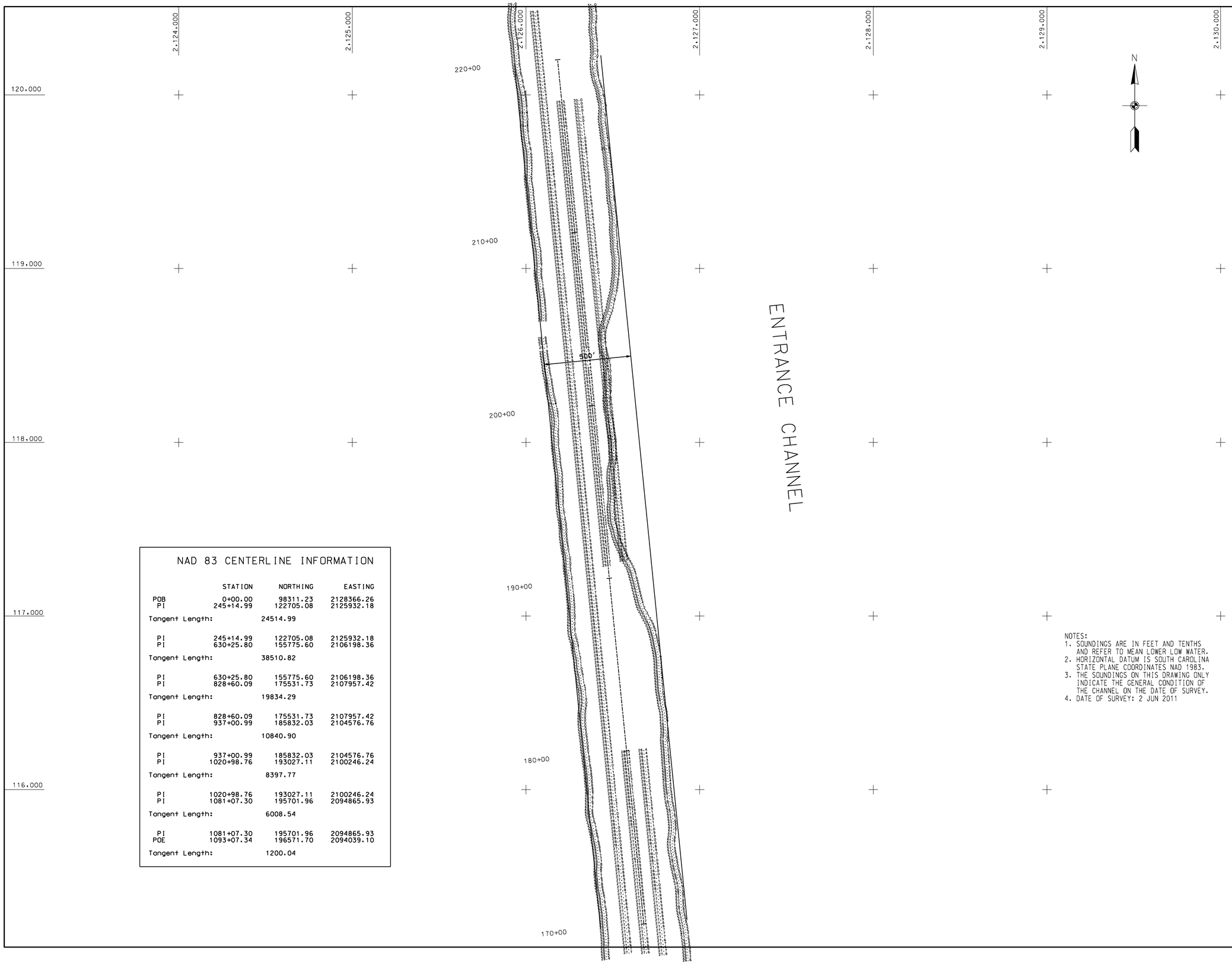
PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9381
BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 5 OF 23



NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
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PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
Tangent Length:		38510.82	
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PI	828+60.09	175531.73	2107957.42
Tangent Length:		19834.29	
PI	828+60.09	175531.73	2107957.42
PI	937+00.99	185832.03	2104576.76
Tangent Length:		10840.90	
PI	937+00.99	185832.03	2104576.76
PI	1020+98.76	193027.11	2100246.24
Tangent Length:		8397.77	
PI	1020+98.76	193027.11	2100246.24
PI	1081+07.30	195701.96	2094865.93
Tangent Length:		6008.54	
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US Army Corps of Engineers
Charleston District

MARK	DATE	DESCRIPTION	MARK	DATE	DESCRIPTION

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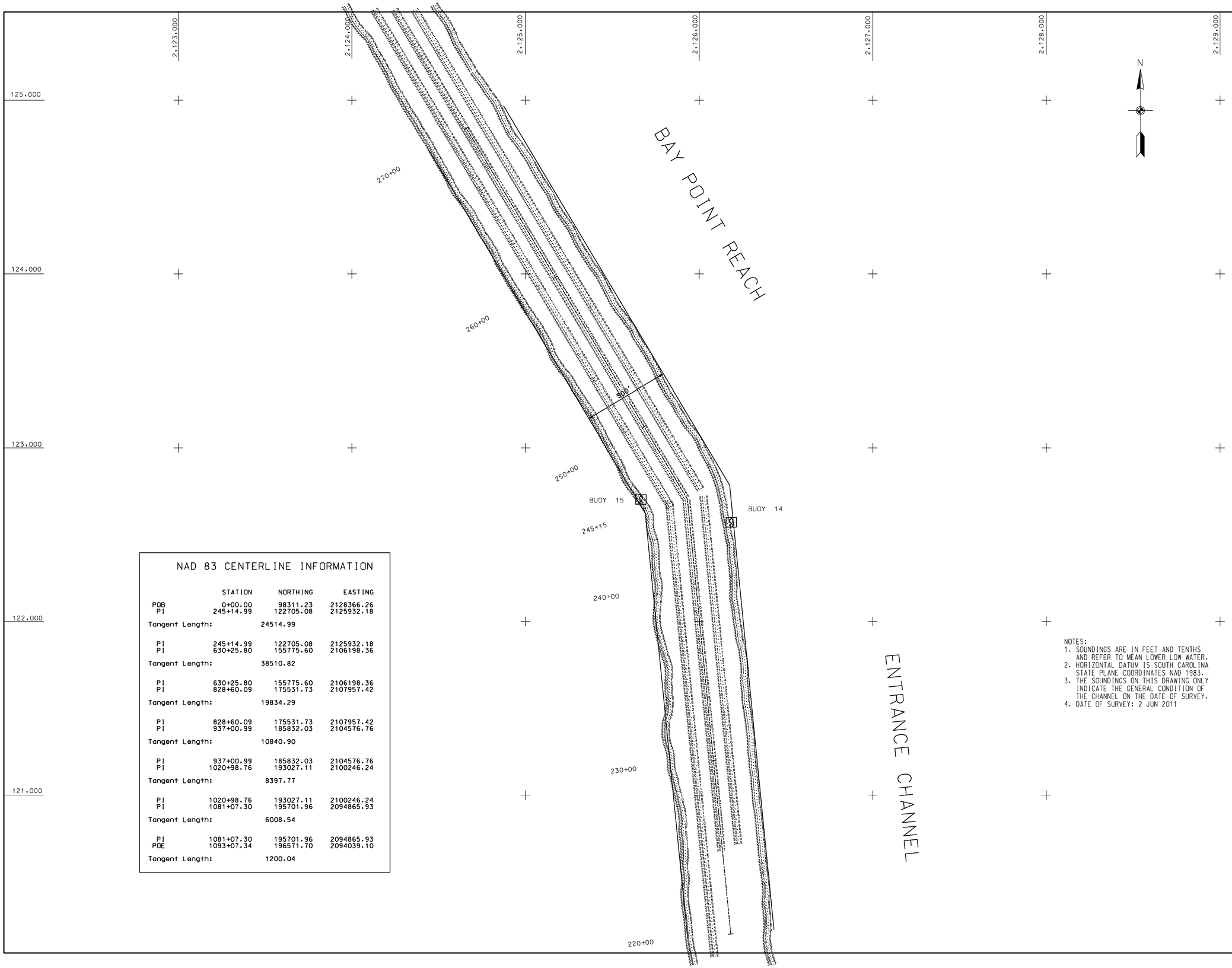
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9381
BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 6 OF 23



NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
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PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
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PI	828+60.09	175531.73	2107957.42
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Tangent Length:		10840.90	
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Tangent Length:		6008.54	
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US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

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CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

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Drawn by: MRV
Cad by:
Reviewed by:
Submitted by:
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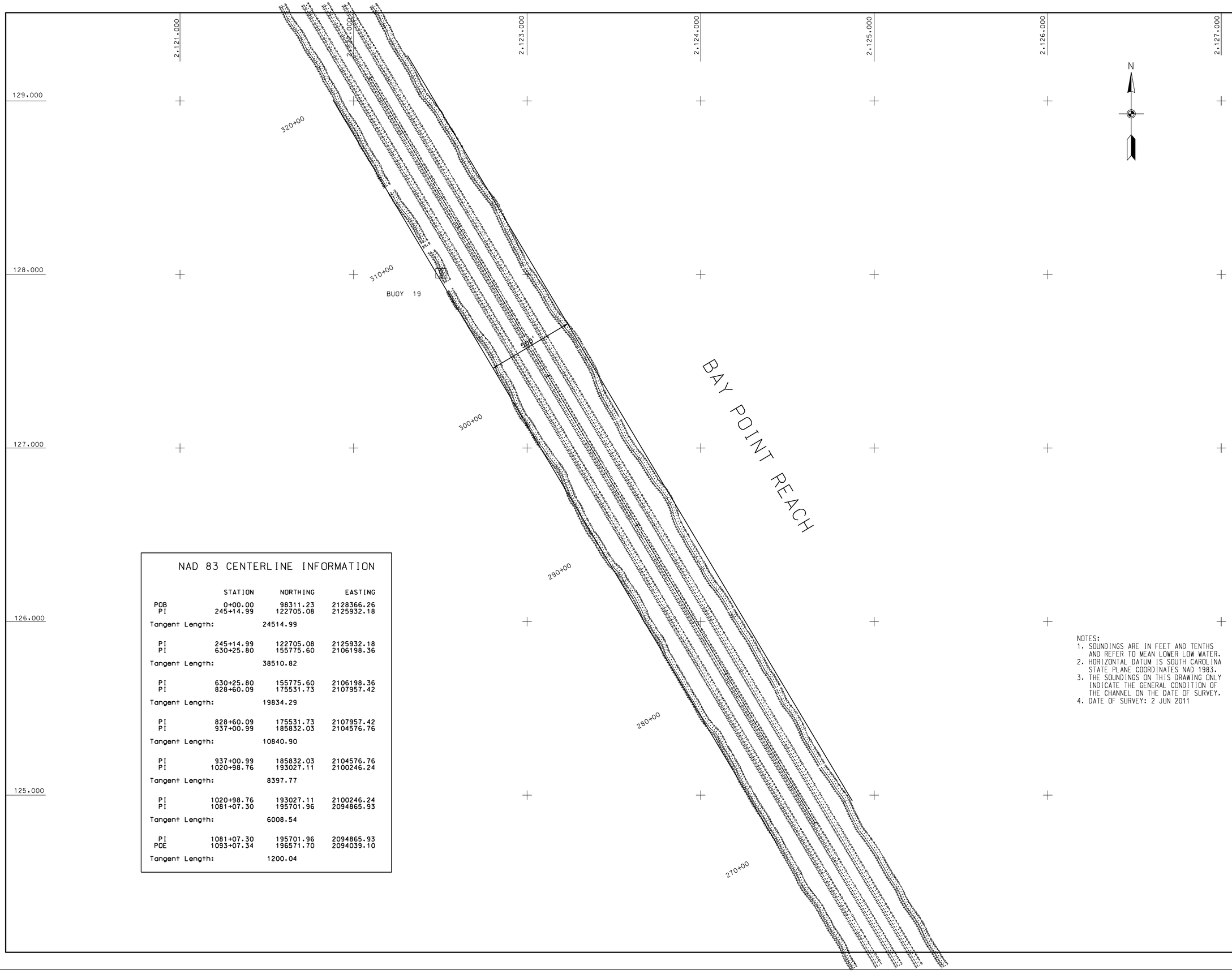
PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9381
BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 7 OF 23



NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
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Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
Tangent Length:		38510.82	
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PI	828+60.09	175531.73	2107957.42
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Tangent Length:		10840.90	
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Tangent Length:		6008.54	
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MARK	DESCRIPTION	DATE	APPR.

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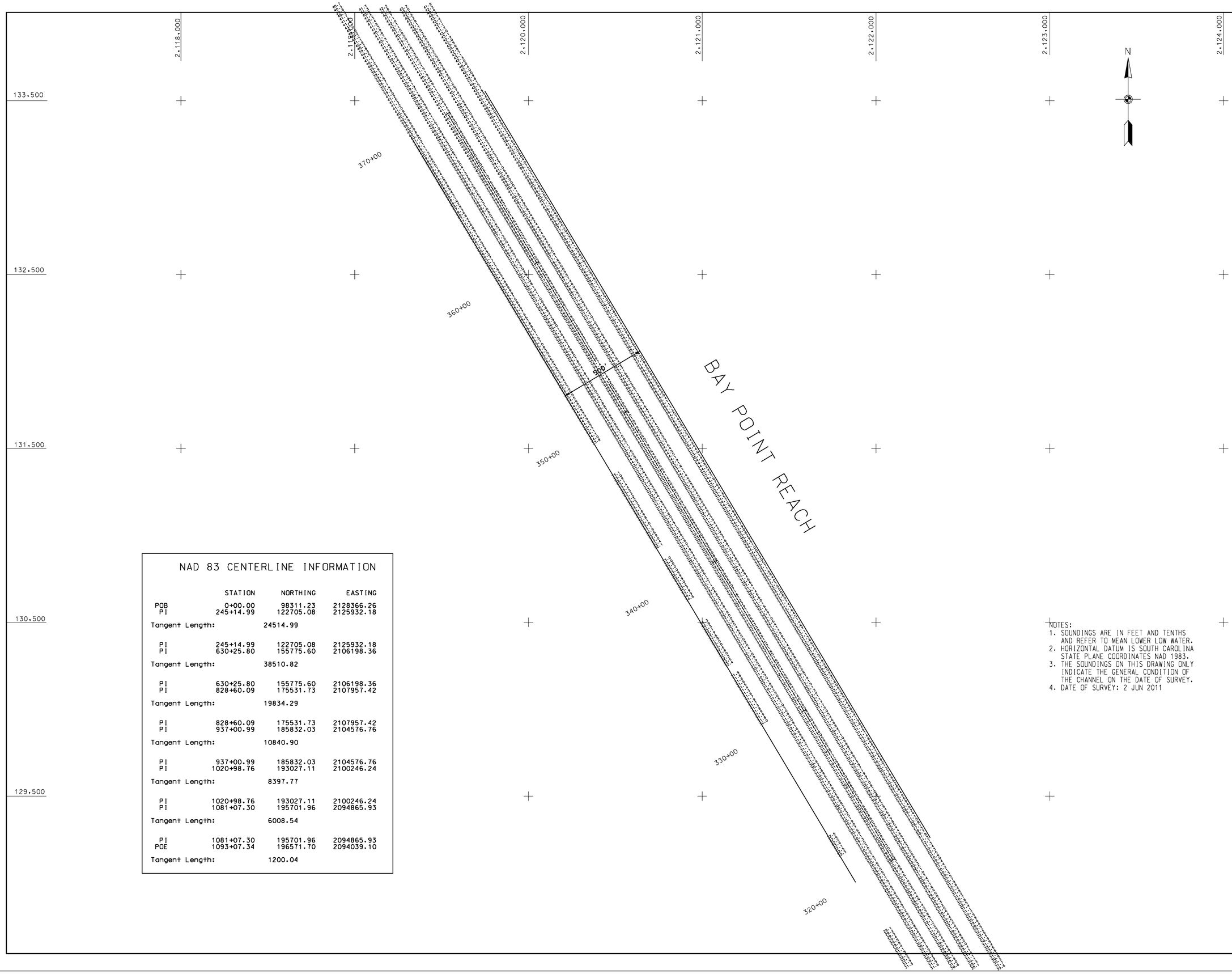
Designed by:
Drawn by: MRV
Checked by:
Reviewed by:
Submitted by:

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

PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9381
BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 8 OF 23



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	STATION	NORTHING	EASTING
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PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
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PI	630+25.80	155775.60	2106198.36
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PORT BOYAL HARBOR
PORT ROYAL PROFILE LINES
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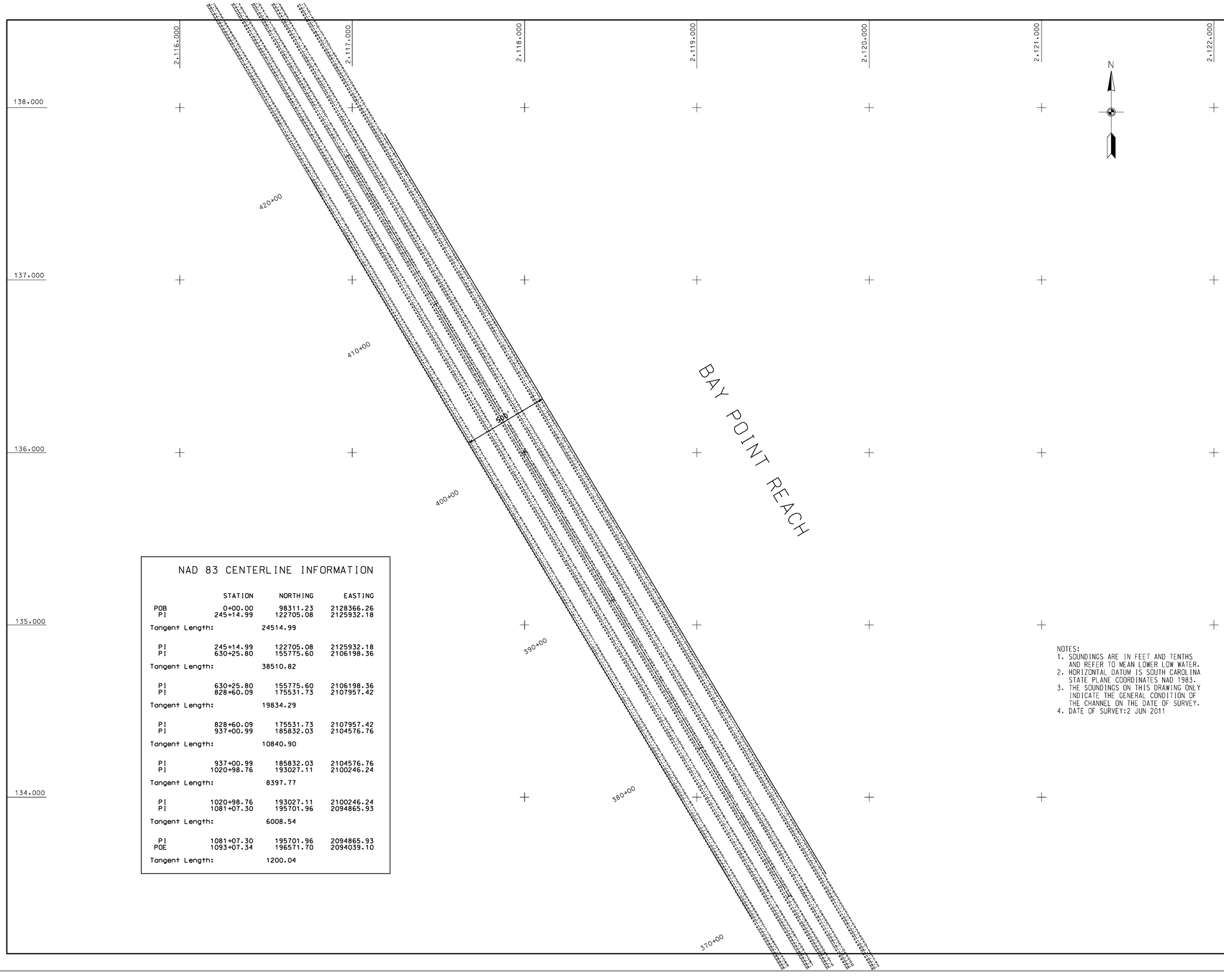
SHEET REFERENCE NUMBER

SHEET 9 OF 23



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	STATION	NORTHING	EASTING
POB	0+00.00	98311.23	2128366.26
PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
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PI	630+25.80	155775.60	2106198.36
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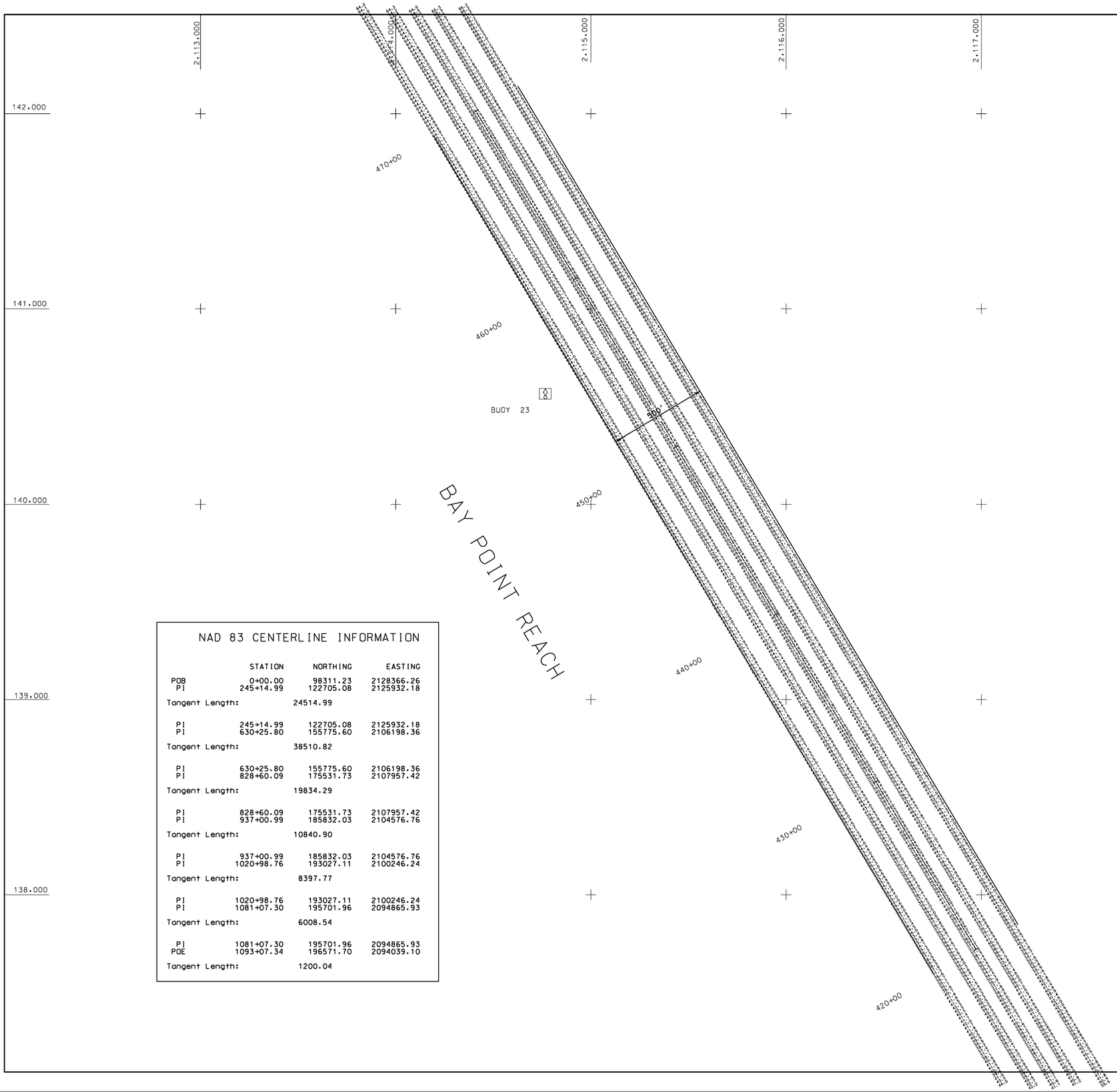
File name:
Plot date:
Dwg scale: 1" = 200'

PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9381
BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 10 OF 23



NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
POB	0+00.00	98311.23	2128366.26
PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
Tangent Length:		38510.82	
PI	630+25.80	155775.60	2106198.36
PI	828+60.09	175531.73	2107957.42
Tangent Length:		19834.29	
PI	828+60.09	175531.73	2107957.42
PI	937+00.99	185832.03	2104576.76
Tangent Length:		10840.90	
PI	937+00.99	185832.03	2104576.76
PI	1020+98.76	193027.11	2100246.24
Tangent Length:		8397.77	
PI	1020+98.76	193027.11	2100246.24
PI	1081+07.30	195701.96	2094865.93
Tangent Length:		6008.54	
PI	1081+07.30	195701.96	2094865.93
POE	1093+07.34	196571.70	2094039.10
Tangent Length:		1200.04	

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: 2 JUN 2011

US Army Corps of Engineers
Charleston District

DESCRIPTION	DATE	APPR.	DESCRIPTION	DATE	APPR.

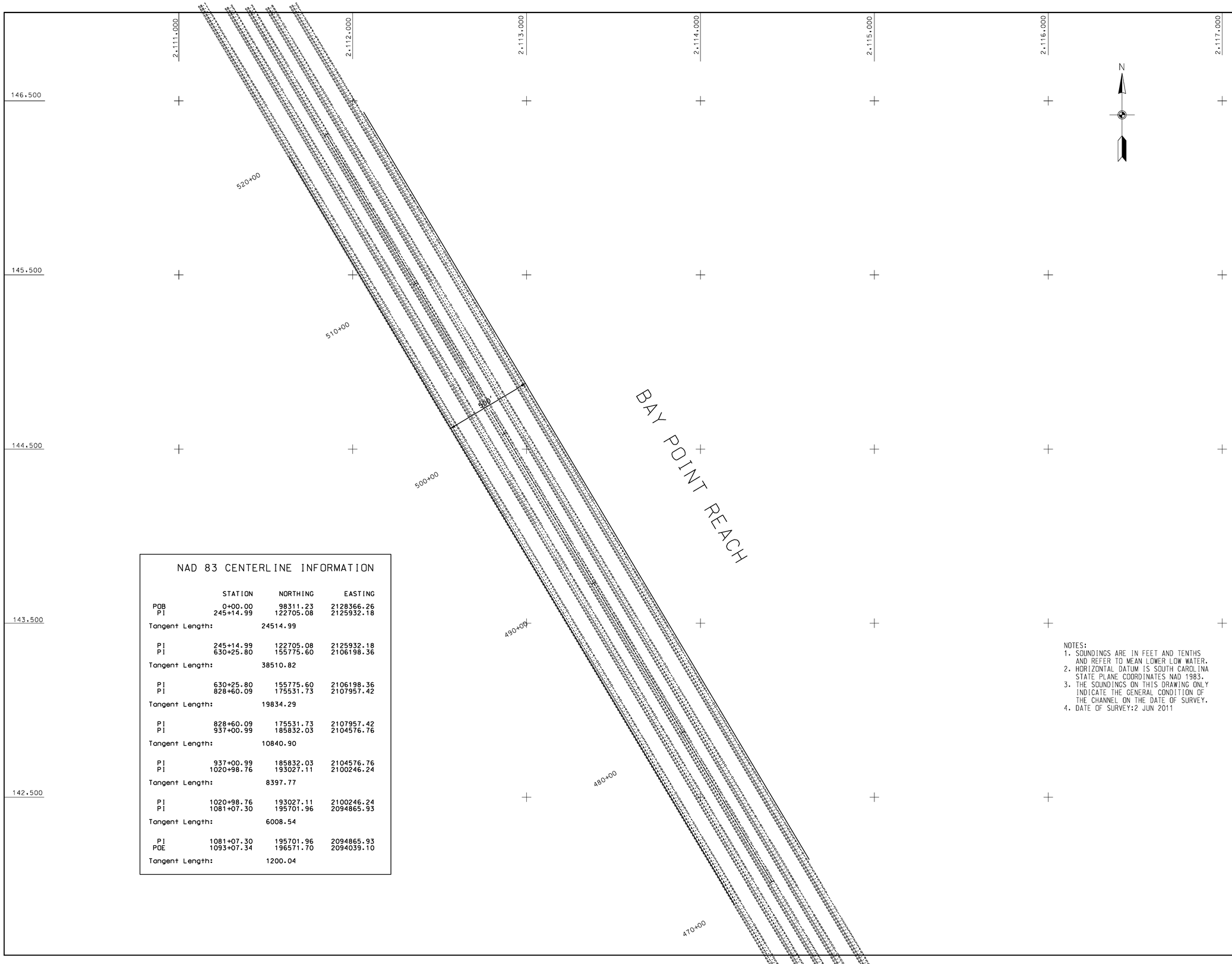
Designed by:
Drawn by: MRV
Checked by:
Reviewed by:
Submitted by:
Date: JUL 2011
Design file no. 9381
Drawing Code:
File name:
Plot date:
Dwg. scale: 1" = 200'
Rev:

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

PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9381
BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 11 OF 23



NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
POB	0+00.00	98311.23	2128366.26
PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
Tangent Length:		38510.82	
PI	630+25.80	155775.60	2106198.36
PI	828+60.09	175531.73	2107957.42
Tangent Length:		19834.29	
PI	828+60.09	175531.73	2107957.42
PI	937+00.99	185832.03	2104576.76
Tangent Length:		10840.90	
PI	937+00.99	185832.03	2104576.76
PI	1020+98.76	193027.11	2100246.24
Tangent Length:		8397.77	
PI	1020+98.76	193027.11	2100246.24
PI	1081+07.30	195701.96	2094865.93
Tangent Length:		6008.54	
PI	1081+07.30	195701.96	2094865.93
POE	1093+07.34	196571.70	2094039.10
Tangent Length:		1200.04	

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U.S. ARMY ENGINEER DISTRICT
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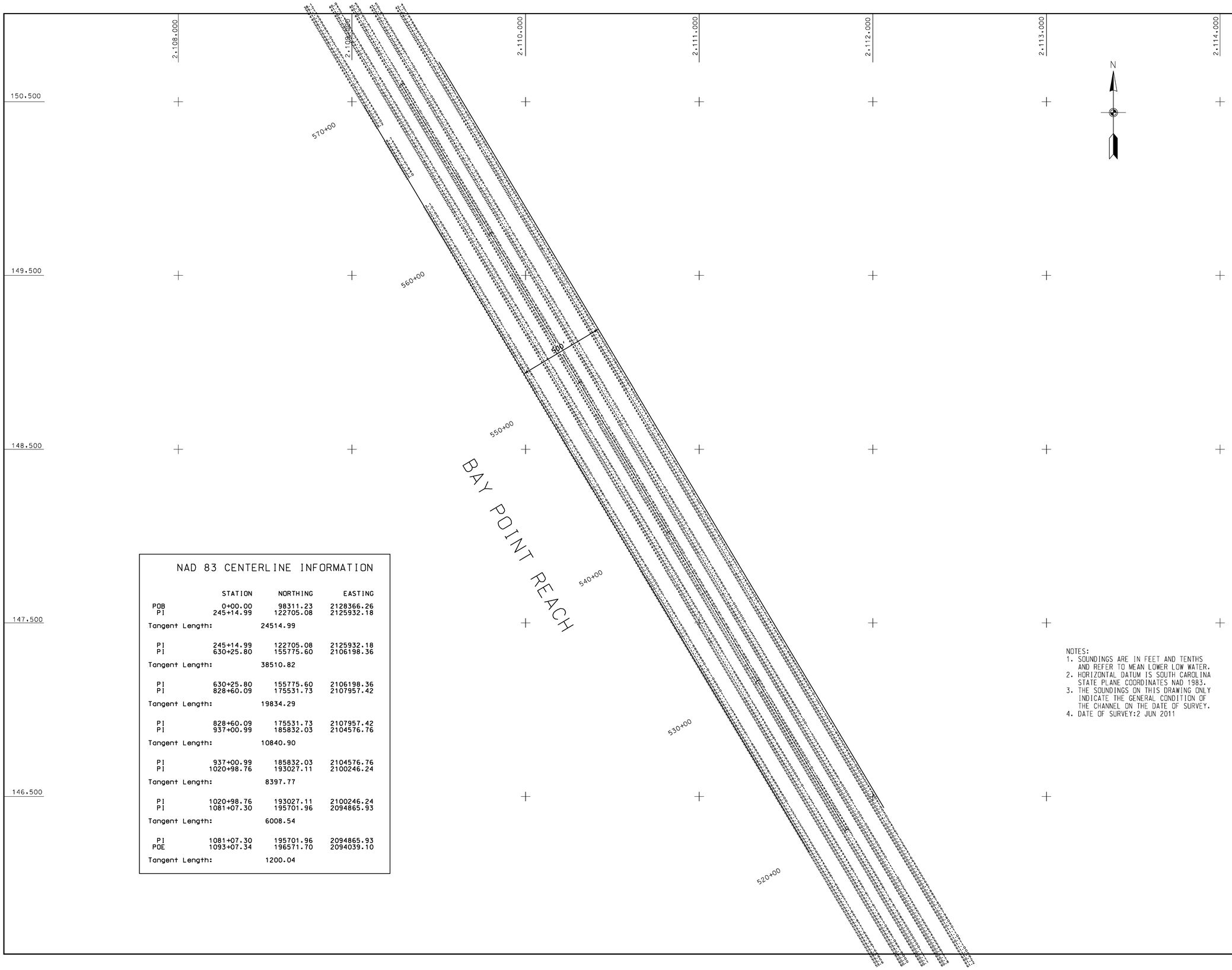
CHARLESTON, SOUTH CAROLINA

PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9381
BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 12 OF 23



NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
POB	0+00.00	98311.23	2128366.26
PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
Tangent Length:		38510.82	
PI	630+25.80	155775.60	2106198.36
PI	828+60.09	175531.73	2107957.42
Tangent Length:		19834.29	
PI	828+60.09	175531.73	2107957.42
PI	937+00.99	185832.03	2104576.76
Tangent Length:		10840.90	
PI	937+00.99	185832.03	2104576.76
PI	1020+98.76	193027.11	2100246.24
Tangent Length:		8397.77	
PI	1020+98.76	193027.11	2100246.24
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Tangent Length:		6008.54	
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US Army Corps of Engineers
Charleston District

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Designed by:
Drawn by: MRV
Ckd by:
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Date: JUL 2011
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Drawing Code:
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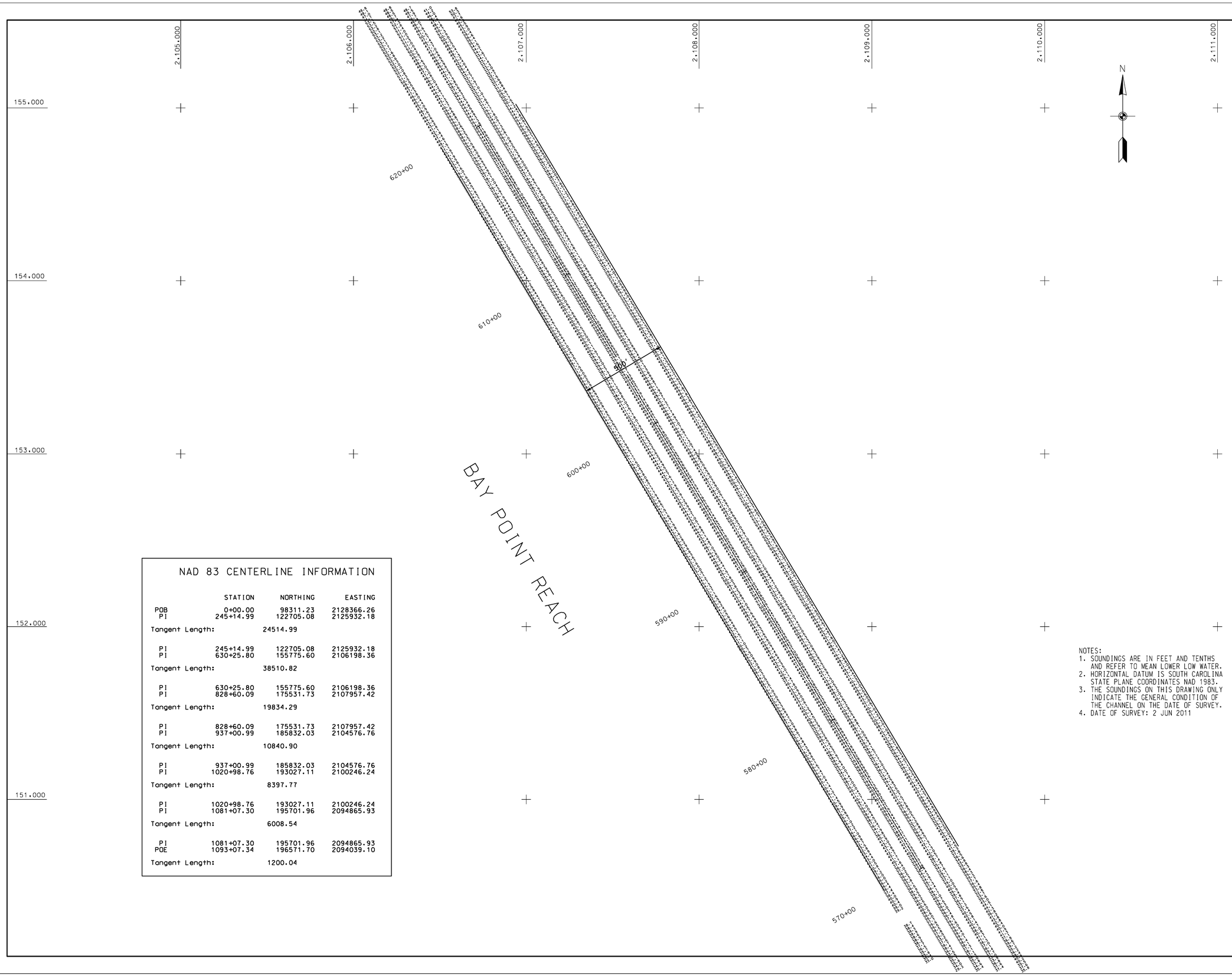
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

PORT BOYAL HARBOR
PORT ROYAL PROFILE LINES
9381
BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 13 OF 23



NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
POB	0+00.00	98311.23	2128366.26
PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
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CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Designed by:
Drawn by: MRV
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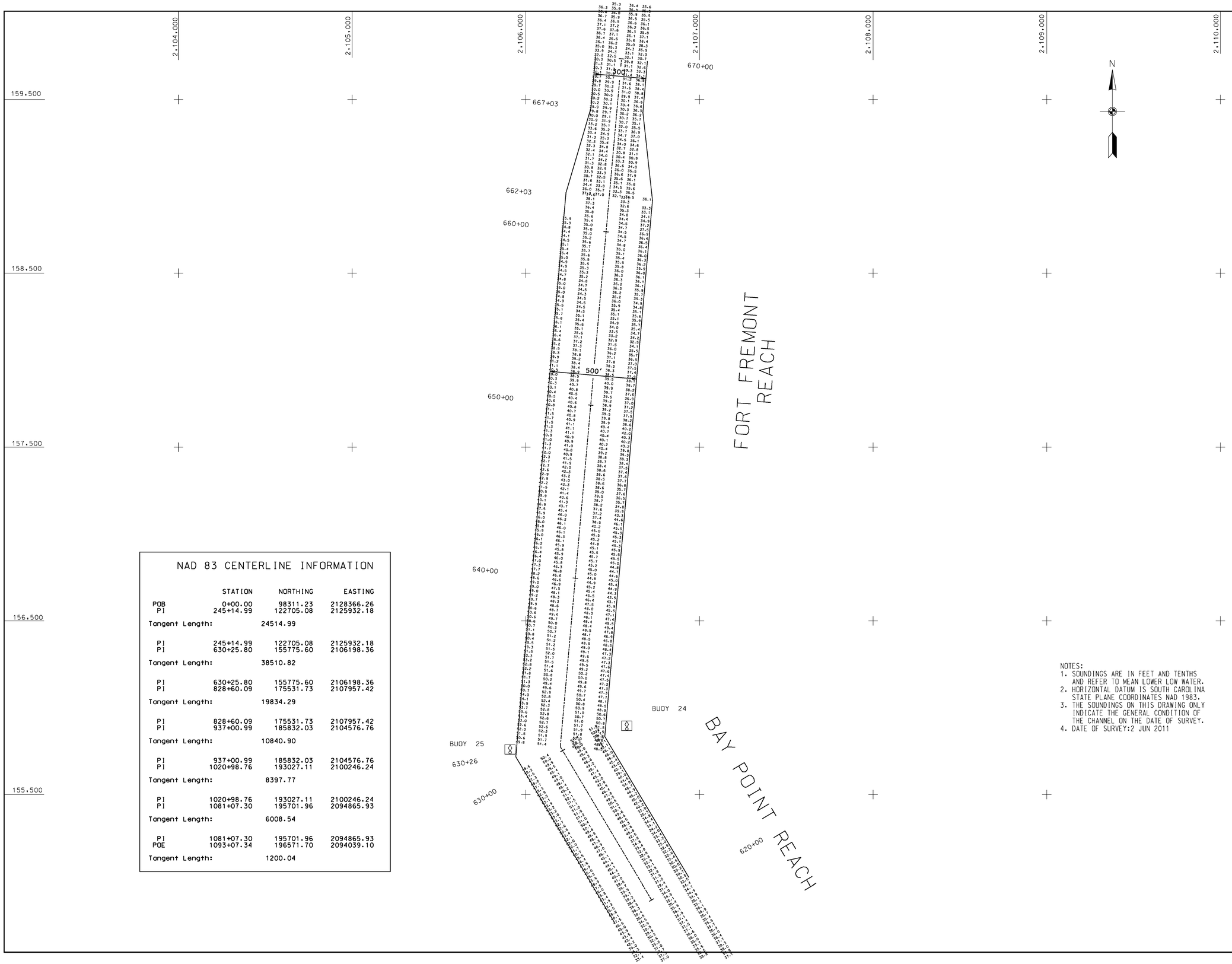
PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9381
BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 14 OF 23



NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
POB	0+00.00	98311.23	2128366.26
PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
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Tangent Length:		19834.29	
PI	828+60.09	175531.73	2107957.42
PI	937+00.99	185832.03	2104576.76
Tangent Length:		10840.90	
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PI	1020+98.76	193027.11	2100246.24
Tangent Length:		8397.77	
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US Army Corps of Engineers
Charleston District

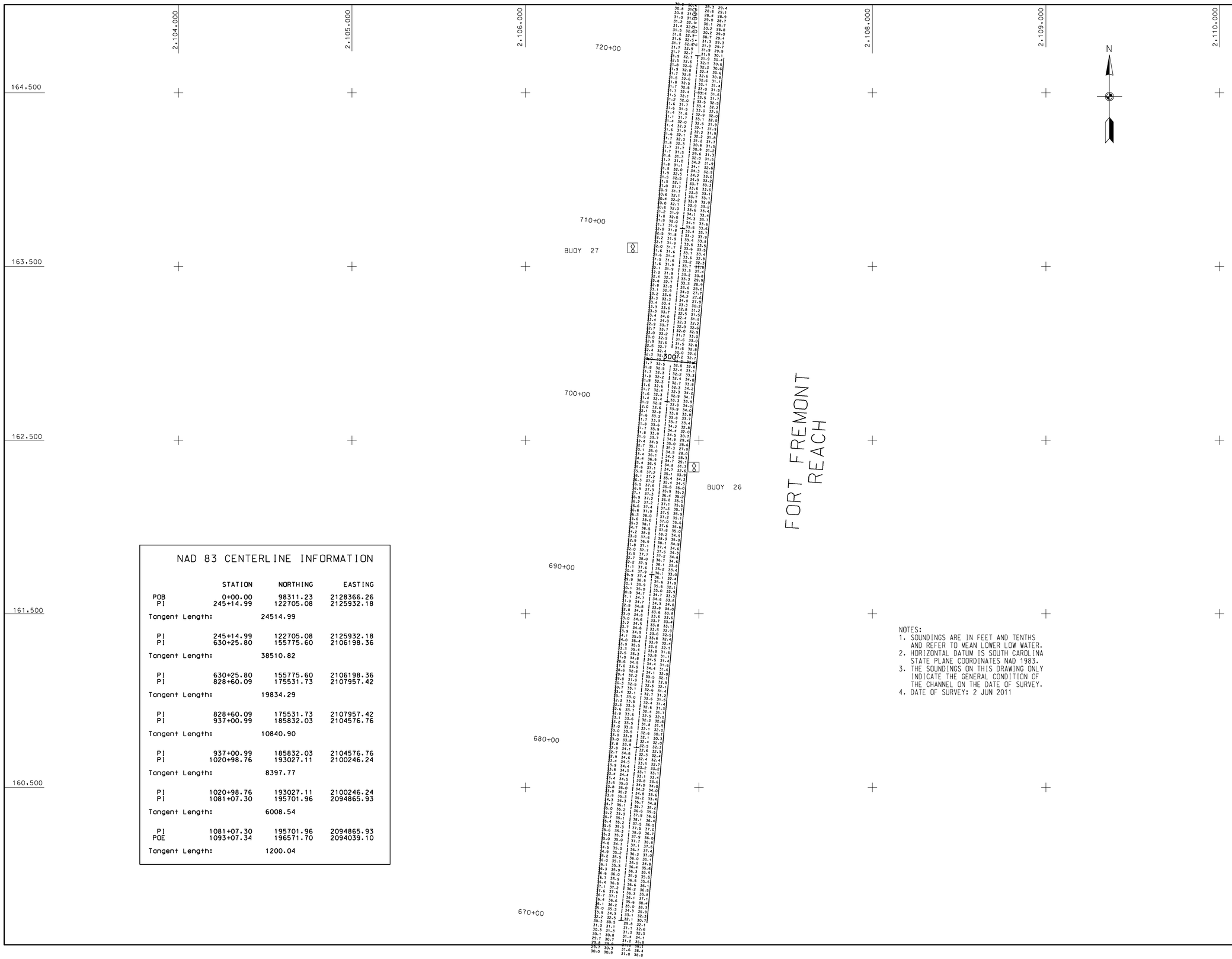
DESCRIPTION	DATE	APPRV	DESCRIPTION	DATE	APPRV

Designed by: | Date: JUL 2011 | Rev:
Drawn by: MRV | Out by: | Design file no: 9381
Reviewed by: | Drawing Code:
Submitted by: | File name: | File type: | Dwg scale: 1" = 200'

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

PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9381
BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 15 OF 23



NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
POB	0+00.00	98311.23	2128366.26
PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
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PI	828+60.09	175531.73	2107957.42
Tangent Length:		19834.29	
PI	828+60.09	175531.73	2107957.42
PI	937+00.99	185832.03	2104576.76
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PI	1020+98.76	193027.11	2100246.24
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US Army Corps of Engineers
Charleston District

MARK	DATE	DESCRIPTION	MARK	DATE	DESCRIPTION

Designed by:
Date: JUL. 2011
Rev:
Drawn by: MRV
Chk by:
Dwg file no. 9381
Drawing Code:
Reviewed by:
Chk by:
Submitted by:
Chk by:
File name:
Plot date:
Plot scale: 1" = 200'

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

PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9381
BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 16 OF 23

NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
POB	0+00.00	98311.23	2128366.26
PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
Tangent Length:		38510.82	
PI	630+25.80	155775.60	2106198.36
PI	828+60.09	175531.73	2107957.42
Tangent Length:		19834.29	
PI	828+60.09	175531.73	2107957.42
PI	937+00.99	185832.03	2104576.76
Tangent Length:		10840.90	
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PI	1020+98.76	193027.11	2100246.24
Tangent Length:		8397.77	
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PI	1081+07.30	195701.96	2094865.93
Tangent Length:		6008.54	
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POE	1093+07.34	196571.70	2094039.10
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US Army Corps of Engineers
Charleston District

Mark	Date	Description	Mark	Date	Description

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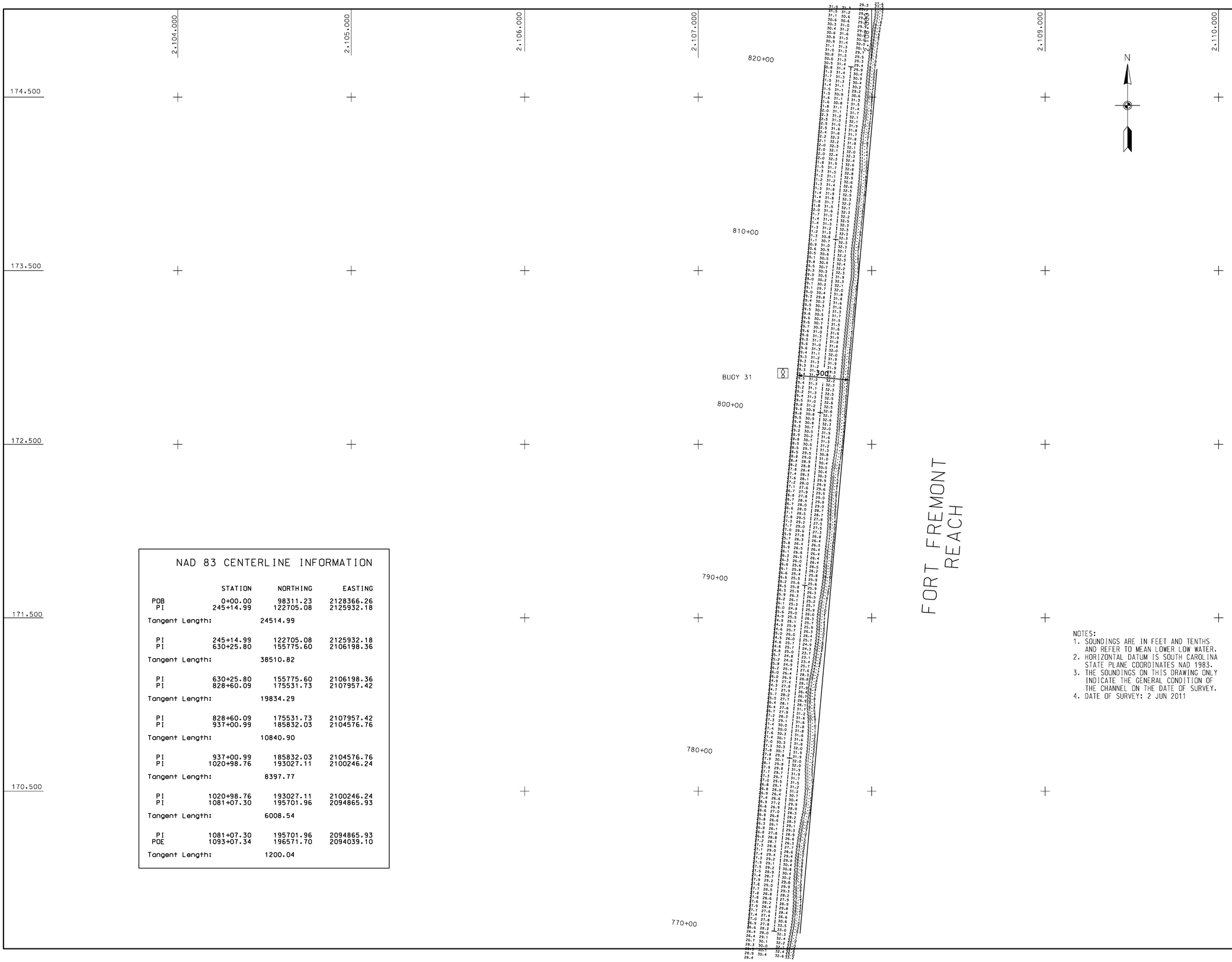
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9381
BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 17 OF 23



NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
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PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
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			DATE
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PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
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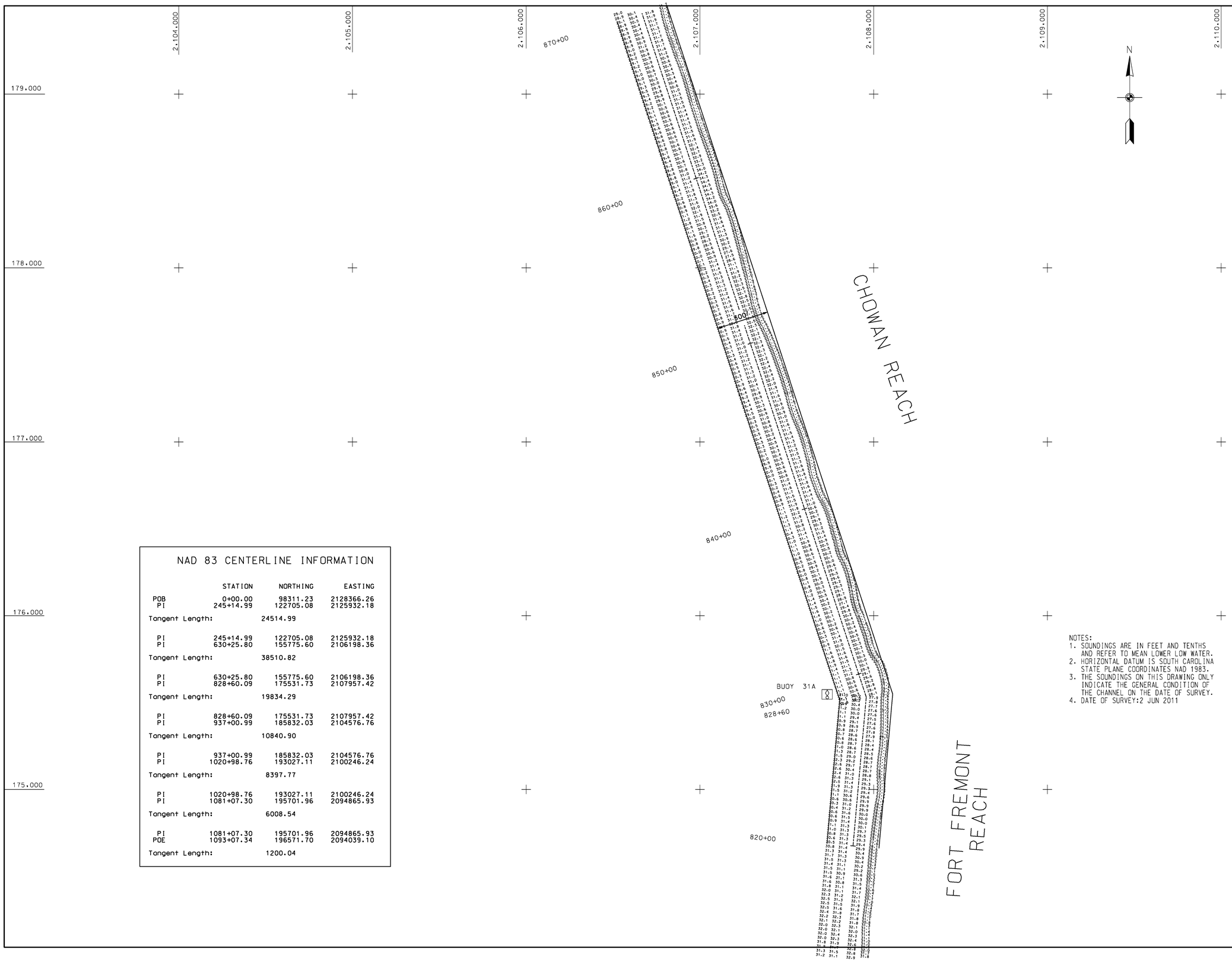
SHEET 18 OF 23



NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
POB	0+00.00	98311.23	2128366.26
PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
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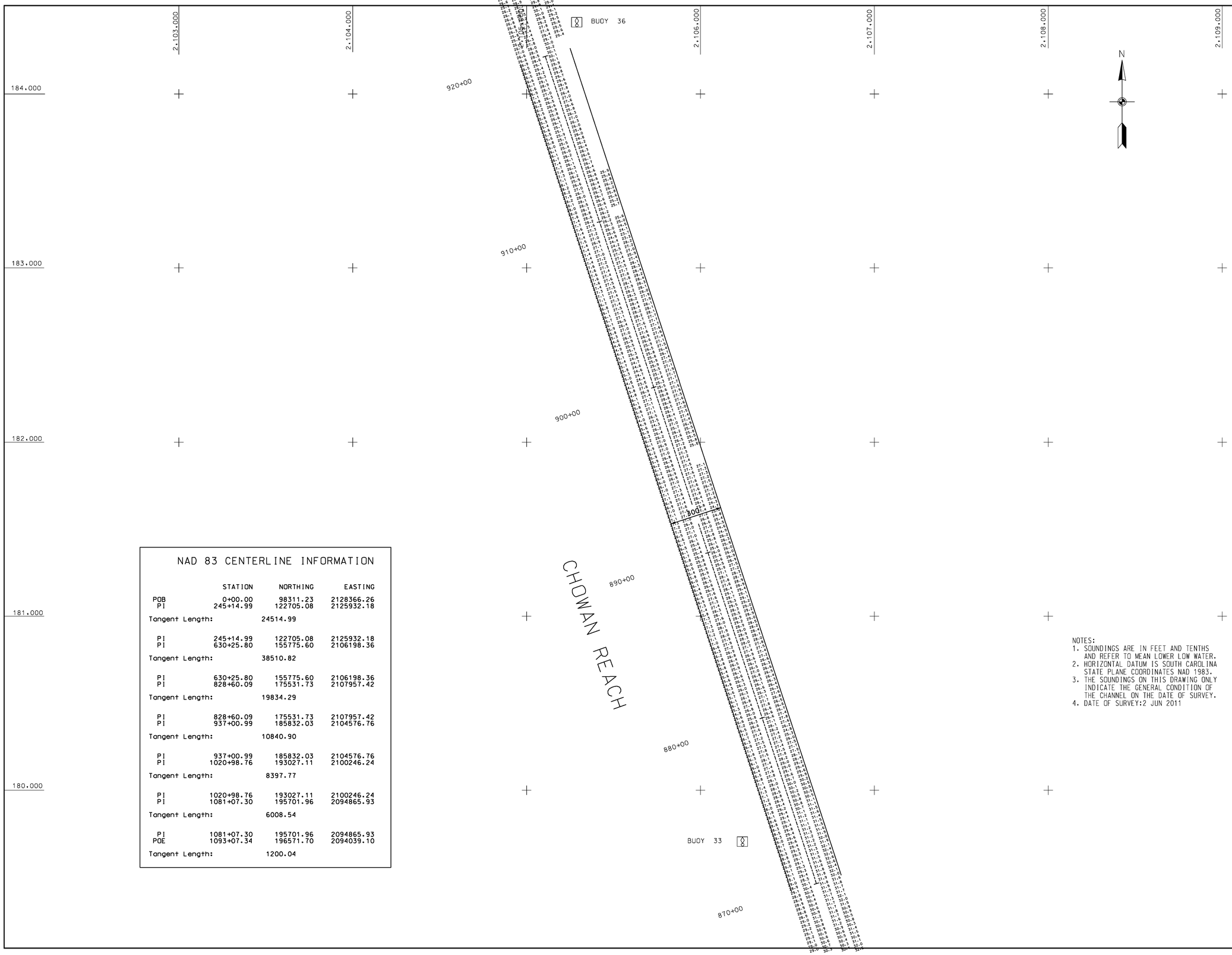
CHARLESTON, SOUTH CAROLINA

PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9381
BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 19 OF 23



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	STATION	NORTHING	EASTING
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PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
Tangent Length:		38510.82	
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Tangent Length:		19834.29	
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PI	1081+07.30	195701.96	2094865.93
Tangent Length:		6008.54	
PI	1081+07.30	195701.96	2094865.93
POE	1093+07.34	196571.70	2094039.10
Tangent Length:		1200.04	

NOTES:
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3. THE SOUNDINGS ON THIS DRAWING ONLY INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF SURVEY.
4. DATE OF SURVEY:2 JUN 2011

US Army Corps of Engineers
Charleston District

MAP	DATE	NOTUPDATED	MAPR	MAP	DATE	NOTUPDATED

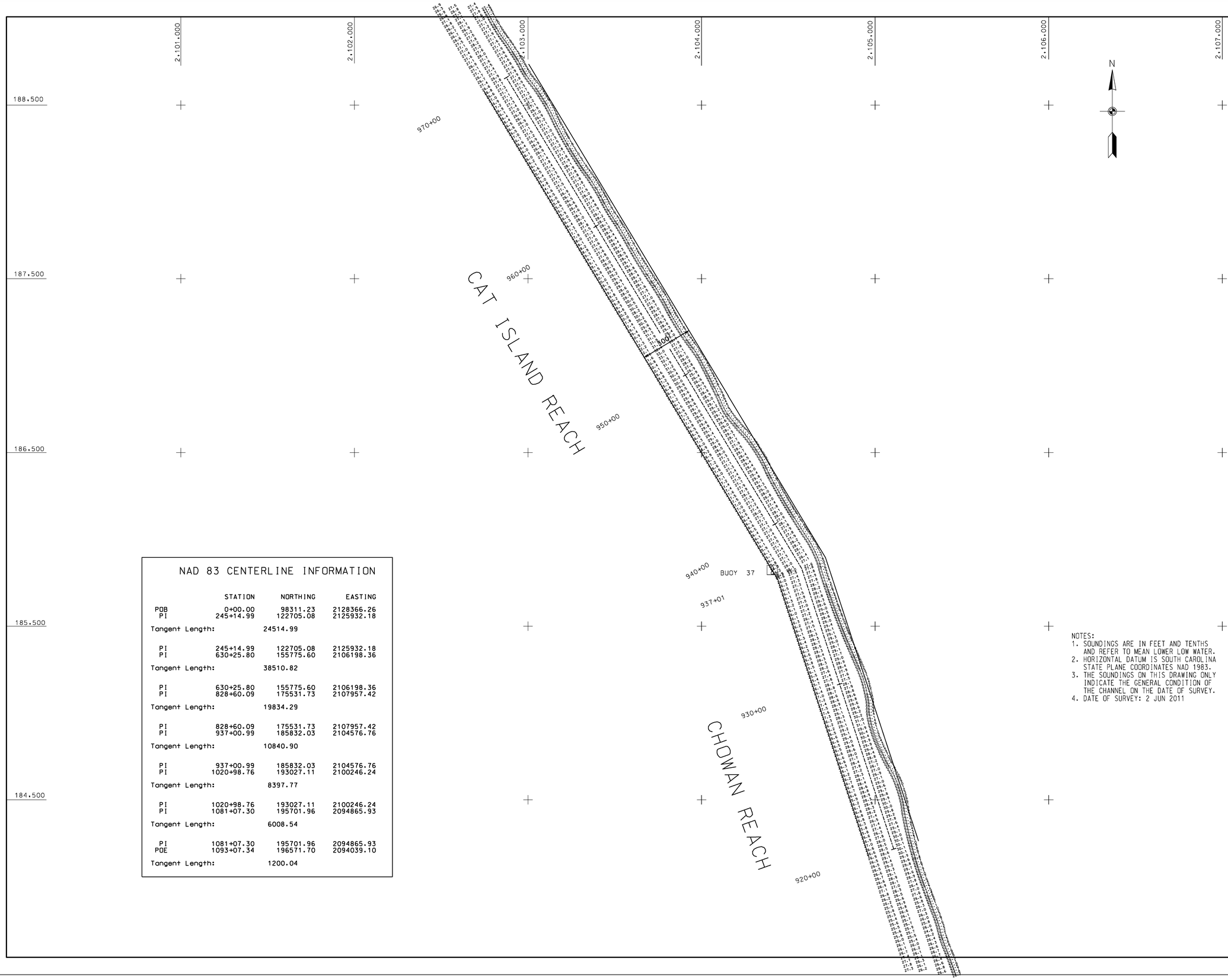
Designed by:
Date: JUL 2011
Rev:
Drawn by: MRV
Chd by:
Design file no. 9381
Reviewed by:
Drawing Code:
Submitted by:
File name:
Plot scale:
Dwg scale: 1" = 200'

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

PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9381
BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 20 OF 23



NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
POB	0+00.00	98311.23	2128366.26
PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
Tangent Length:		38510.82	
PI	630+25.80	155775.60	2106198.36
PI	828+60.09	175531.73	2107957.42
Tangent Length:		19834.29	
PI	828+60.09	175531.73	2107957.42
PI	937+00.99	185832.03	2104576.76
Tangent Length:		10840.90	
PI	937+00.99	185832.03	2104576.76
PI	1020+98.76	193027.11	2100246.24
Tangent Length:		8397.77	
PI	1020+98.76	193027.11	2100246.24
PI	1081+07.30	195701.96	2094865.93
Tangent Length:		6008.54	
PI	1081+07.30	195701.96	2094865.93
POE	1093+07.34	196571.70	2094039.10
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APPRV.	DATE	DESCRIPTION	MARK	APPRV.	DATE	DESCRIPTION

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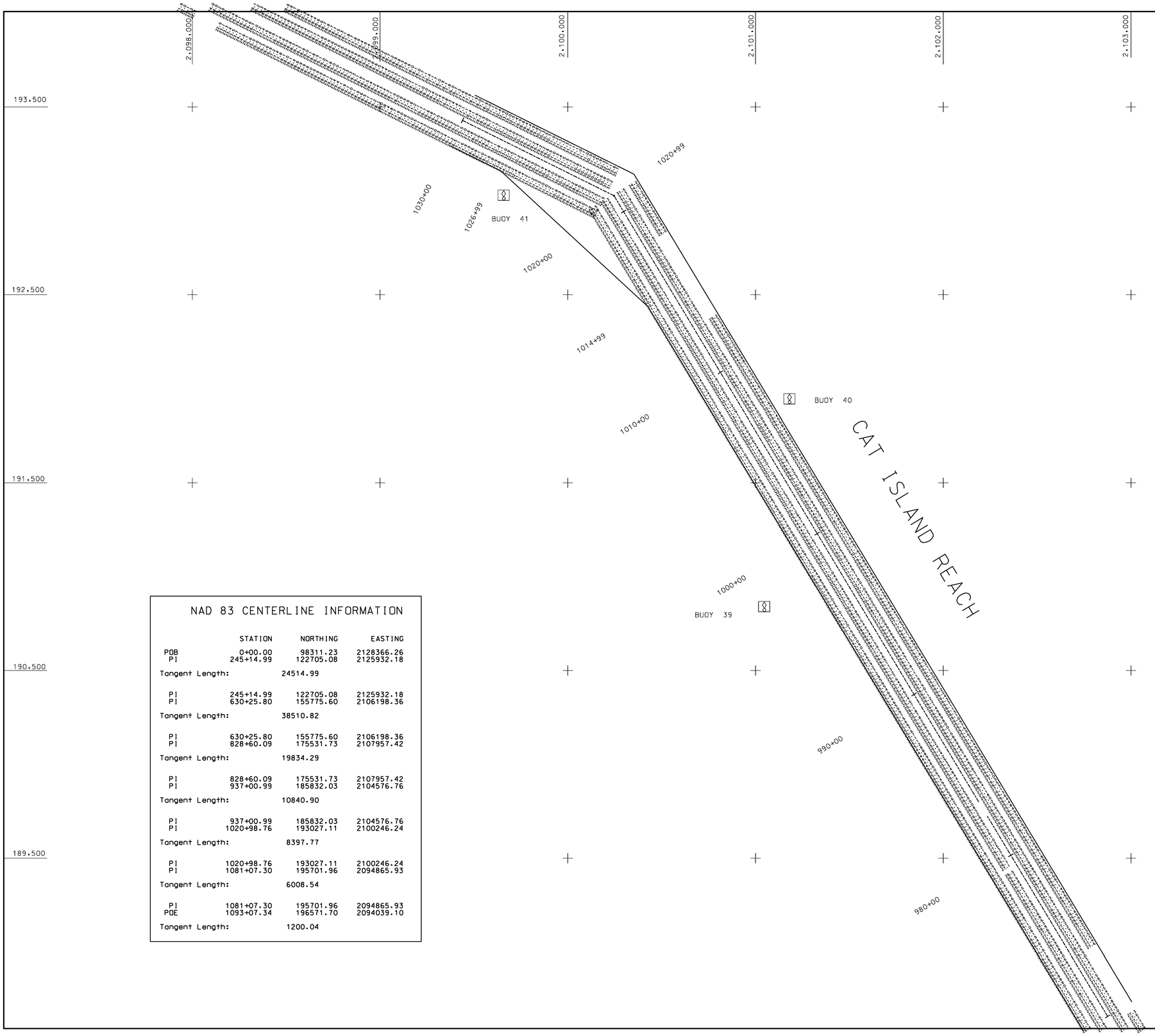
SHEET 21 OF 23



NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
POB	0+00.00	98311.23	2128366.26
PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
Tangent Length:		38510.82	
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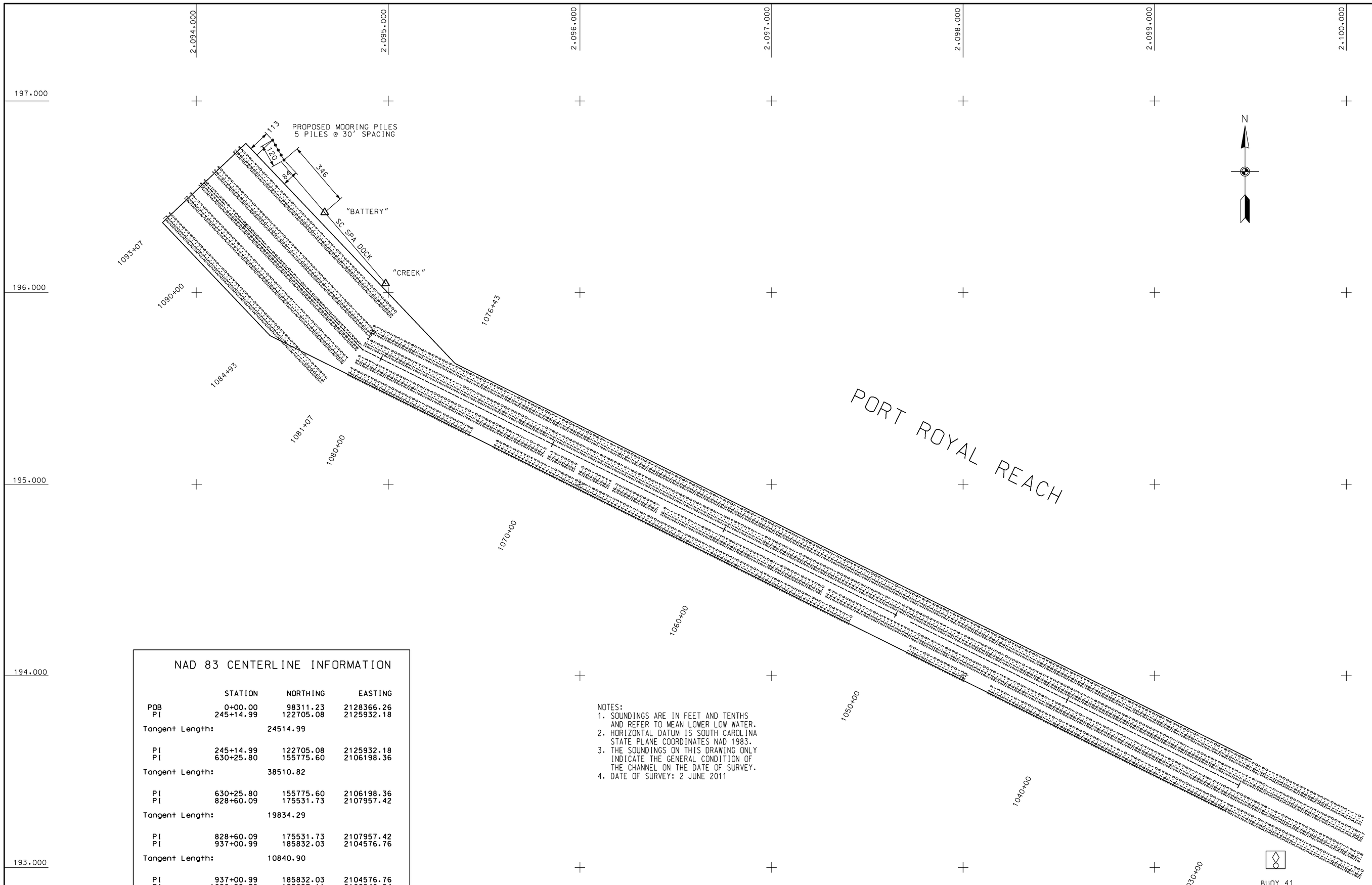
SHEET 22 OF 23



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	STATION	NORTHING	EASTING
POB	0+00.00	98311.23	2128366.26
PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
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