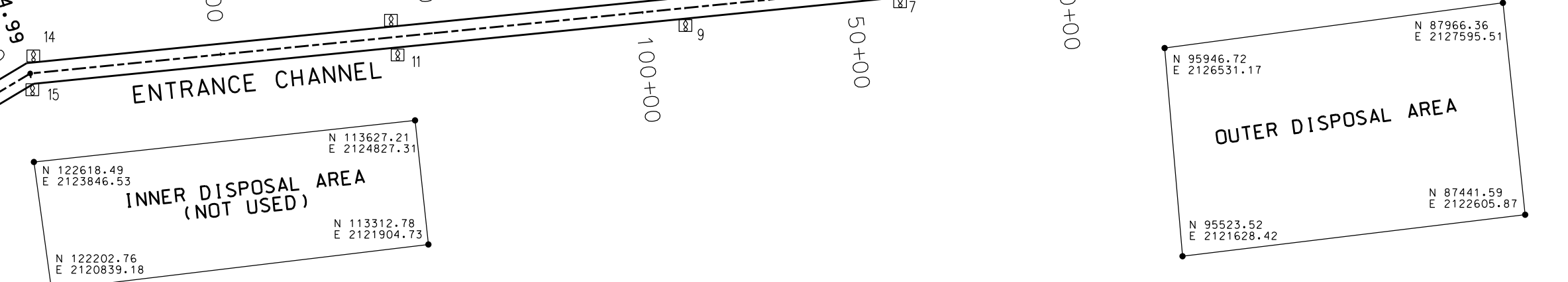
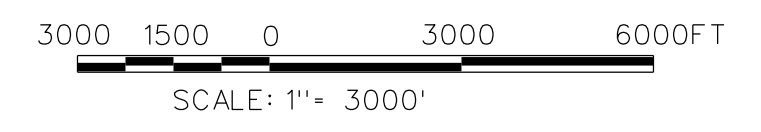


US Army Corps of Engineers
Charleston District



- 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: 21 AUG. 2013 CONDITION.
 5. THE POSITIONS OF THE AIDS TO NAVIGATION ON THESE SHEETS ARE FROM THE LIGHT LIST.



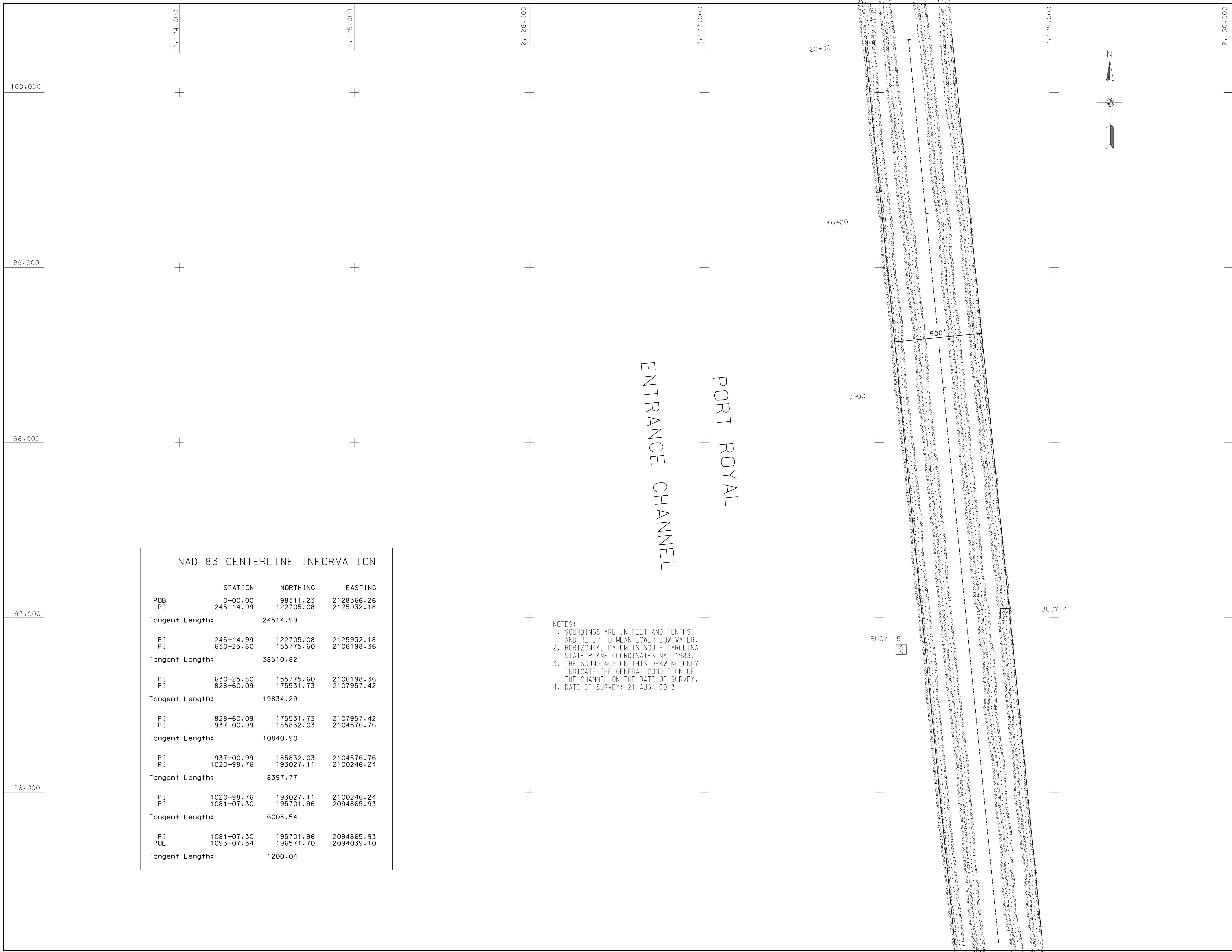
Submitted by: CHIEF, NAVIGATION SECTION
 Approved by: CHIEF, OPERATIONS BRANCH
 Approved by: CHIEF, TECHNICAL SERVICES DIVISION

DESIGNED BY:	DATE:	REVISION:
MRV	AUG. 2013	
REVIEWED BY:	DESIGN NO.:	
	9503	
SUBMITTED BY:	DRAWING CODE:	
	FILE NAME:	
	FILE DATE:	
	DWG. SCALE:	1" = 200'

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

PORT ROYAL HARBOR
 PORT ROYAL PROFILE LINES
 9503
 BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER
 SHEET 1 OF 23



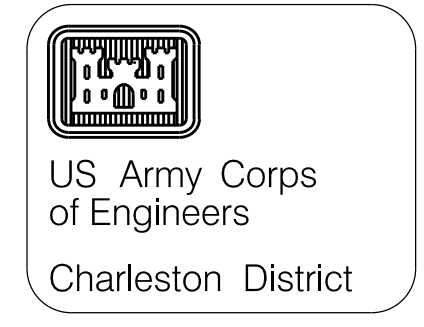
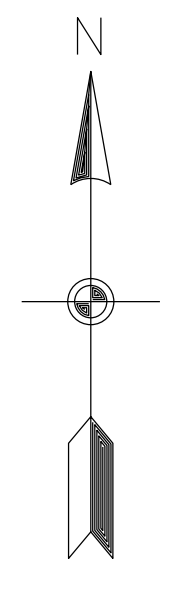
ENTRANCE CHANNEL
PORT ROYAL

NAD 83 CENTERLINE INFORMATION			
	STATION	NORTHING	EASTING
P OB	0+00.00	98311.23	2128366.26
P I	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
P I	245+14.99	122705.08	2125932.18
P I	630+25.80	155775.60	2106198.36
Tangent Length:		38510.82	
P I	630+25.80	155775.60	2106198.36
P I	828+60.09	175531.73	2107957.42
Tangent Length:		19834.29	
P I	828+60.09	175531.73	2107957.42
P I	937+00.99	185832.03	2104576.76
Tangent Length:		10840.90	
P I	937+00.99	185832.03	2104576.76
P I	1020+98.76	193027.11	2100246.24
Tangent Length:		8397.77	
P I	1020+98.76	193027.11	2100246.24
P I	1081+07.30	195701.96	2094865.93
Tangent Length:		6008.54	
P I	1081+07.30	195701.96	2094865.93
P O E	1093+07.34	196571.70	2094039.10
Tangent Length:		1200.04	

- NOTES:
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 4. DATE OF SURVEY: 21 AUG. 2013

BUOY 5

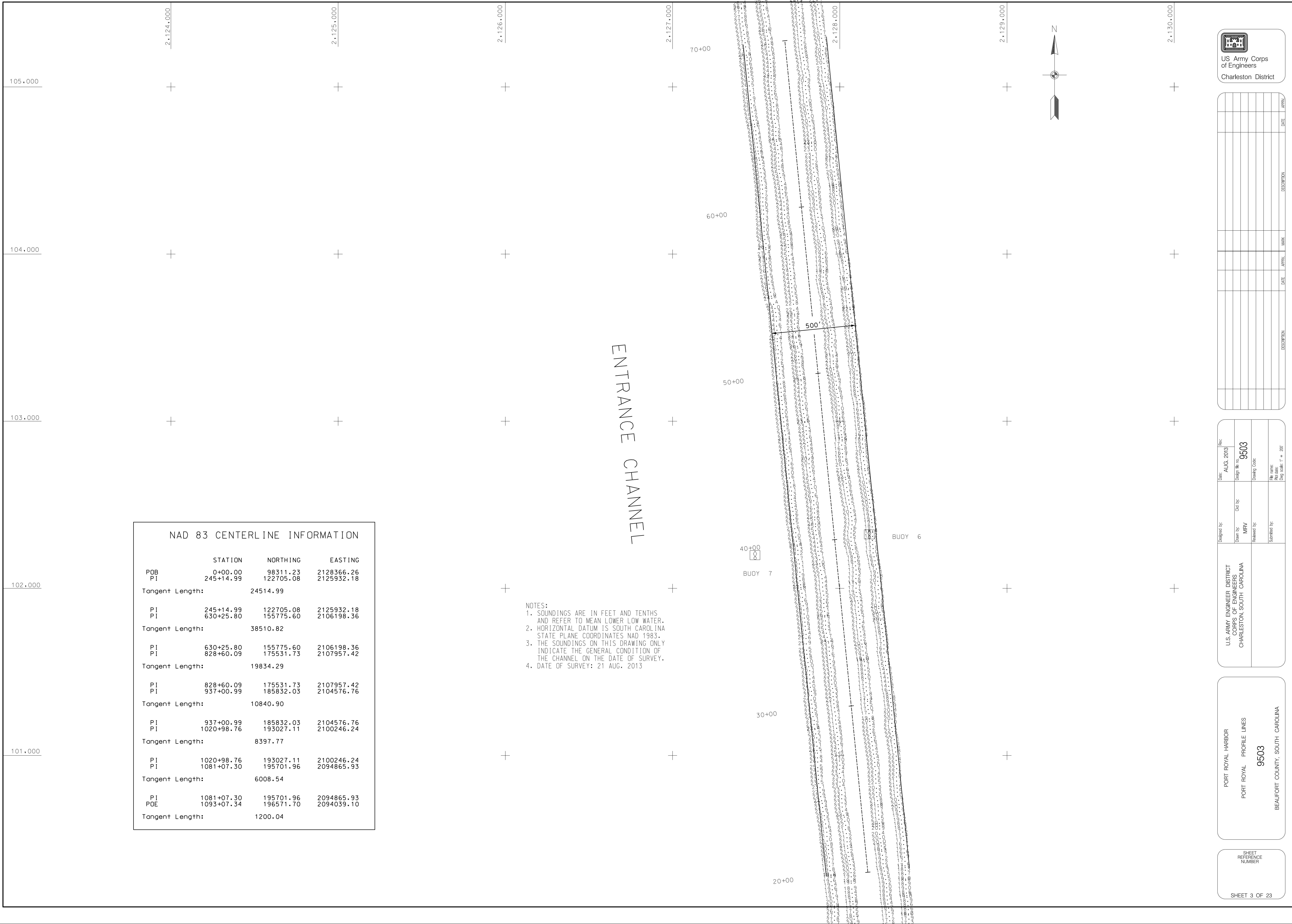
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DATE	DESCRIPTION	WORK	APPROVED

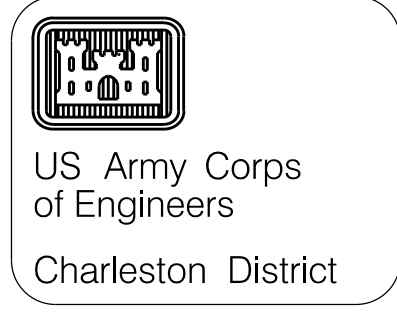
Prepared by:	Checked by:	Drawn by:	Reviewed by:	Surveyed by:	Date:	Scale:	Proj. Code:
MRY	MRY	MRY			AUG 2013	1" = 20'	9603

PORT ROYAL HARBOR
 PORT ROYAL PROFILE LINES
9603
 BEAUFORT COUNTY, SOUTH CAROLINA



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
PI	828+60.09	175531.73	2107957.42
PI	828+60.09	175531.73	2107957.42
PI	937+00.99	185832.03	2104576.76
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
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
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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 4. DATE OF SURVEY: 21 AUG. 2013



DATE	APPROV.	MARK.	DESCRIPTION

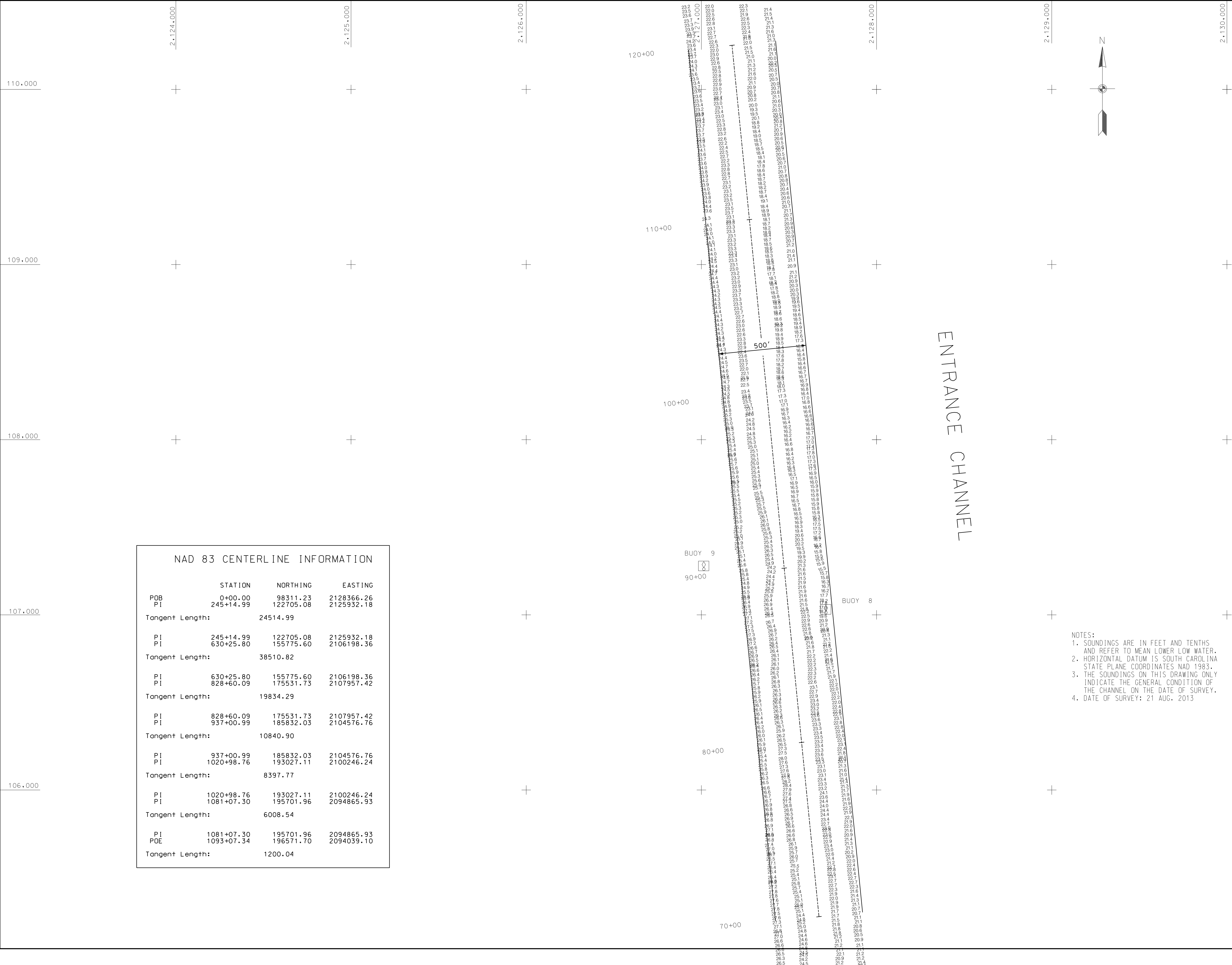
DATE	REV.
AUG. 2013	9503

DESIGNED BY	DRAWN BY	CHECKED BY	DATE
MRV	MRV		

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

PORT ROYAL HARBOR
 PORT ROYAL PROFILE LINES
 9503
 BEAUFORT COUNTY, SOUTH CAROLINA

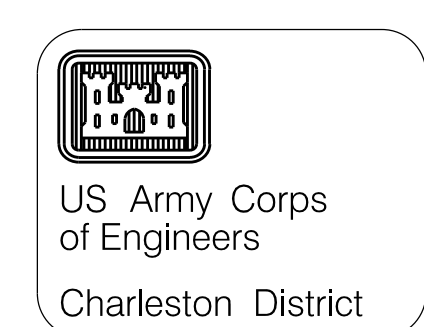
SHEET REFERENCE NUMBER
 SHEET 3 OF 23



ENTRANCE CHANNEL

NAD 83 CENTERLINE INFORMATION

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

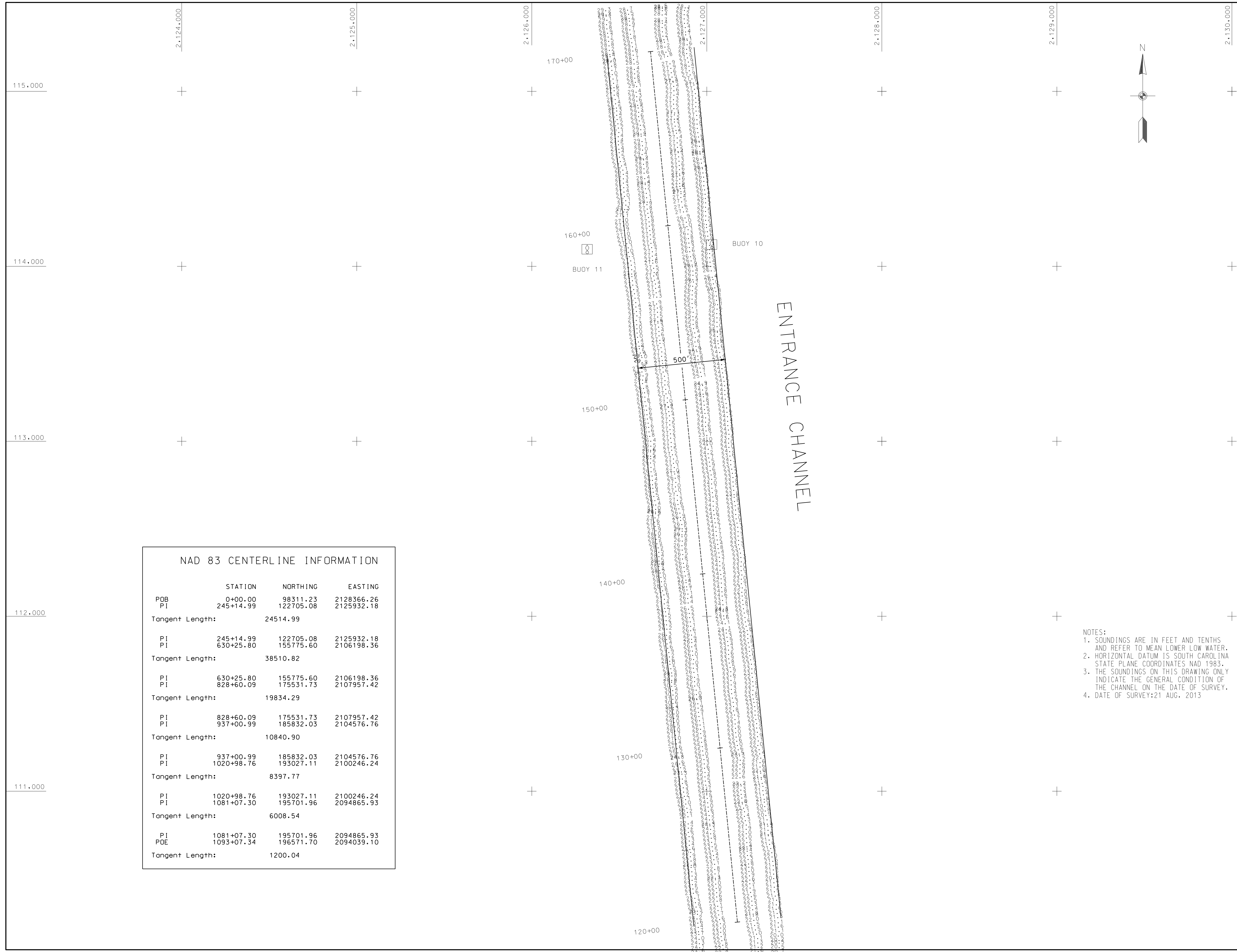


DATE	APPN.	DESCRIPTION

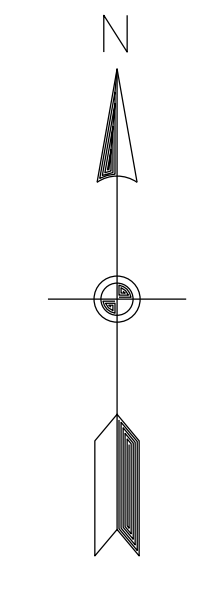
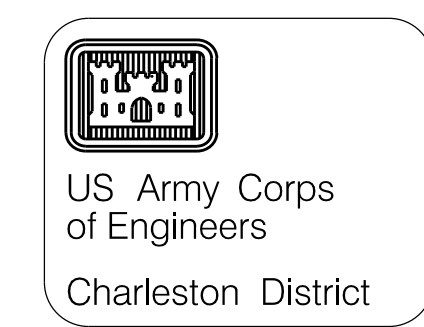
Designed by:	DATE:	AUG. 2013
Drawn by:	Drawn by:	MRV
Reviewed by:	Design No.:	9503
Submitted by:	Drawing Code:	
	File name:	
	Project:	
	Drawn Date:	F. 8. 2013

NOTES:
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 4. DATE OF SURVEY: 21 AUG. 2013

PORT ROYAL HARBOR
 PORT ROYAL PROFILE LINES
 9503
 BEAUFORT COUNTY, SOUTH CAROLINA



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
PI	828+60.09	175531.73	2107957.42
PI	937+00.99	185832.03	2104576.76
PI	937+00.99	185832.03	2104576.76
Tangent Length:		10840.90	
PI	1020+98.76	193027.11	2100246.24
PI	1020+98.76	193027.11	2100246.24
PI	1081+07.30	195701.96	2094865.93
PI	1081+07.30	195701.96	2094865.93
Tangent Length:		6008.54	
PI	1081+07.30	195701.96	2094865.93
PDE	1093+07.34	196571.70	2094039.10
Tangent Length:		1200.04	



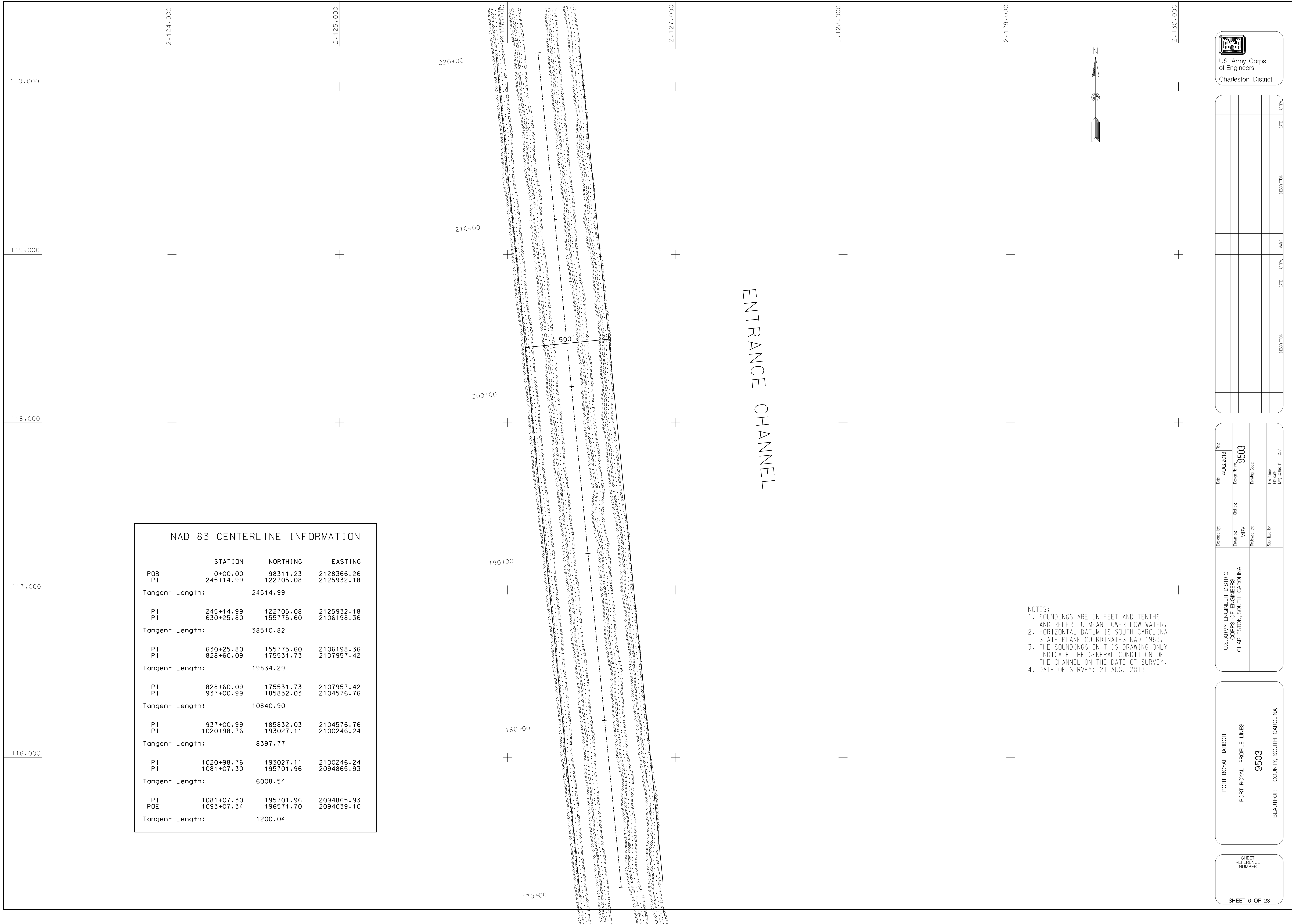
DATE	APPROVED	DESCRIPTION

Designed by:	Drawn by:	Checked by:	Date:
MRV	MRV	MRV	AUG. 2013
Drawn by:	Checked by:	Design Code:	Sheet No.:
			9503
Drawn by:	Checked by:	Draw Code:	Rev.:
			1 - 00
Drawn by:	Checked by:	Draw Code:	

NOTES:
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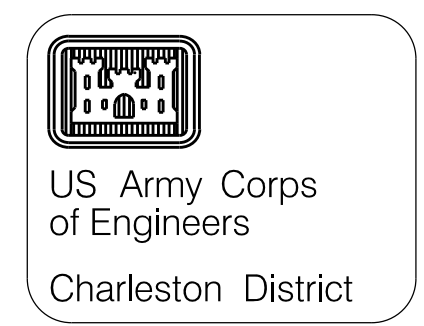
PORT ROYAL HARBOR
 PORT ROYAL PROFILE LINES
 9503
 BEAUFORT COUNTY, SOUTH CAROLINA

SHEET
 REFERENCE
 NUMBER
 SHEET 5 OF 23



NAD 83 CENTERLINE INFORMATION			
	STATION	NORTHING	EASTING
P0B	0+00.00	98311.23	2128366.26
P1	245+14.99	122705.08	2125932.18
Tangent Length:	24514.99		
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P1	630+25.80	155775.60	2106198.36
Tangent Length:	38510.82		
P1	630+25.80	155775.60	2106198.36
P1	828+60.09	175531.73	2107957.42
Tangent Length:	19834.29		
P1	828+60.09	175531.73	2107957.42
P1	937+00.99	185832.03	2104576.76
Tangent Length:	10840.90		
P1	937+00.99	185832.03	2104576.76
P1	1020+98.76	193027.11	2100246.24
Tangent Length:	8397.77		
P1	1020+98.76	193027.11	2100246.24
P1	1081+07.30	195701.96	2094865.93
Tangent Length:	6008.54		
P1	1081+07.30	195701.96	2094865.93
P0E	1093+07.34	196571.70	2094039.10
Tangent Length:	1200.04		

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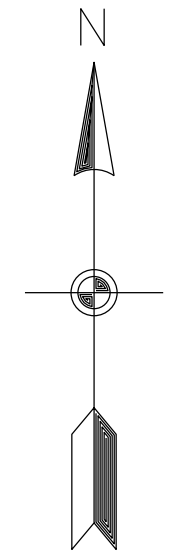


NO.	DESCRIPTION	DATE	APP'D.	MARK	DATE	APP'D.

Designed by:	Drawn by:	Checked by:	Submitted by:	Date:	Per:
	MRY			AUG. 2013	
Drawn by:	Design #: 9503	Drawing Code:	File name:	Scale:	
				1" = 200'	
U.S. ARMY ENGINEER DISTRICT DISTRICT OF ENGINEERS CHARLESTON, SOUTH CAROLINA					

PORT ROYAL HARBOR
 PORT ROYAL PROFILE LINES
9503
 BEAUFORT COUNTY, SOUTH CAROLINA

SHEET
 REFERENCE
 NUMBER
 SHEET 6 OF 23

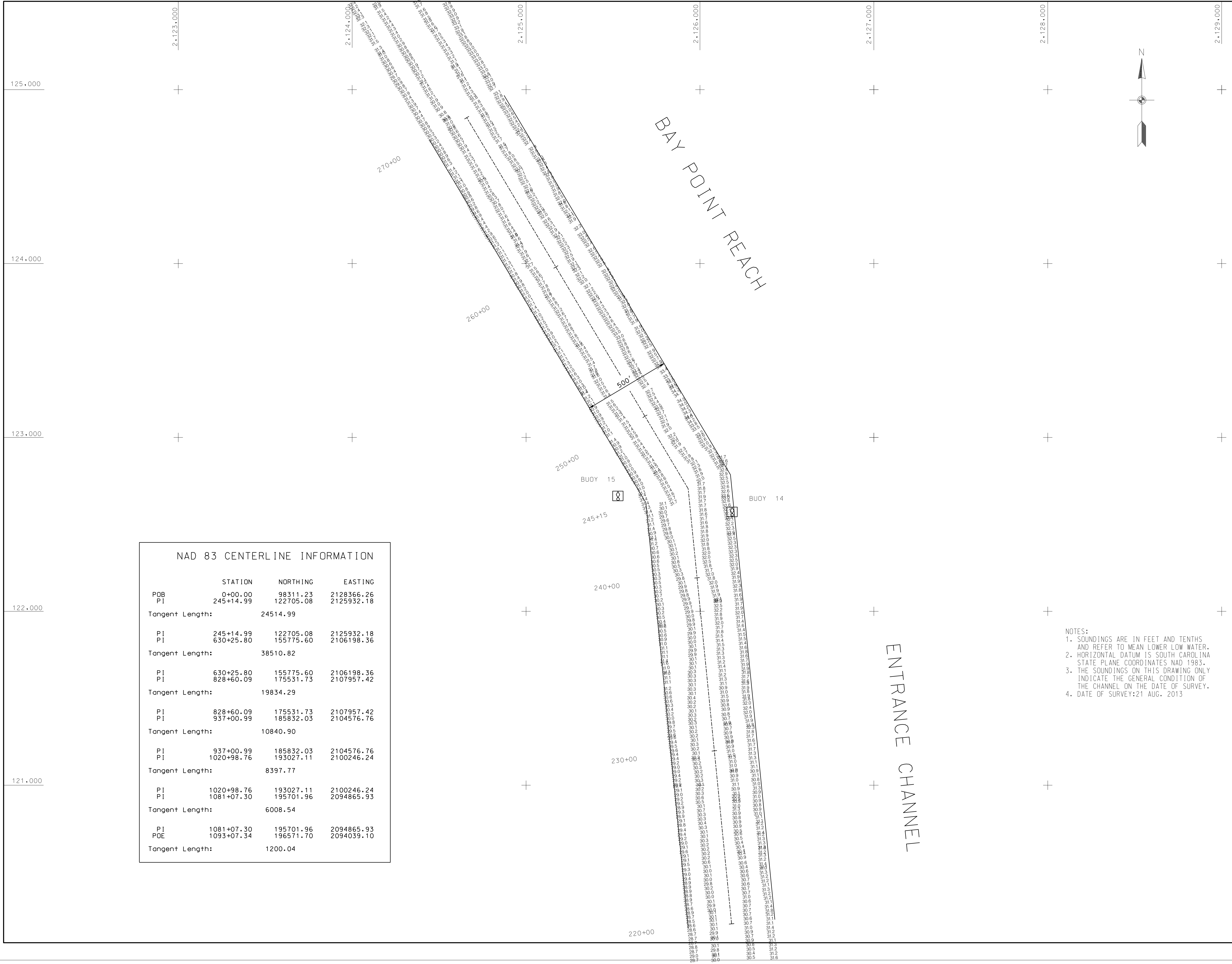


NO.	DESCRIPTION	DATE	APPROV.	DATE	APPROV.

Designed by: U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Date:	AUG. 2013
	Drawn by:	MRV
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Design No.:	9503
	Drawing Code:	
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA	Reviewed by:	
	Submitted by:	
Date: AUG. 2013		Date:
Design No.: 9503		Design No.:
Drawn by: MRV		Drawn by:
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA		U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON, SOUTH CAROLINA

PORT ROYAL HARBOR PROFILE LINES	9503	BEAUFORT COUNTY, SOUTH CAROLINA
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SHEET
REFERENCE
NUMBER
SHEET 7 OF 23

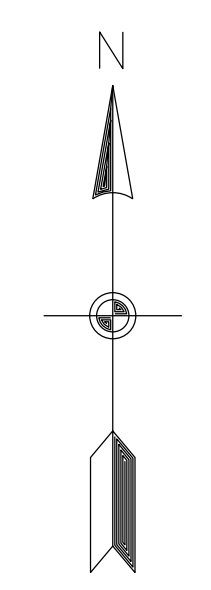
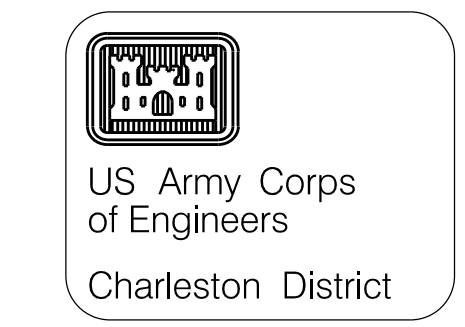


NAD 83 CENTERLINE INFORMATION			
	STATION	NORTHING	EASTING
POB	0+00.00	98311.23	2128366.26
PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
Tangent Length:		38510.82	
PI	630+25.80	155775.60	2106198.36
PI	828+60.09	175531.73	2107957.42
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
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
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
PI	1081+07.30	195701.96	2094865.93
Tangent Length:		6008.54	
PI	1081+07.30	195701.96	2094865.93
PDE	1093+07.34	196571.70	2094039.10
PDE	1093+07.34	196571.70	2094039.10
Tangent Length:		1200.04	

NOTES:
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 4. DATE OF SURVEY: 21 AUG. 2013

ENTRANCE CHANNEL

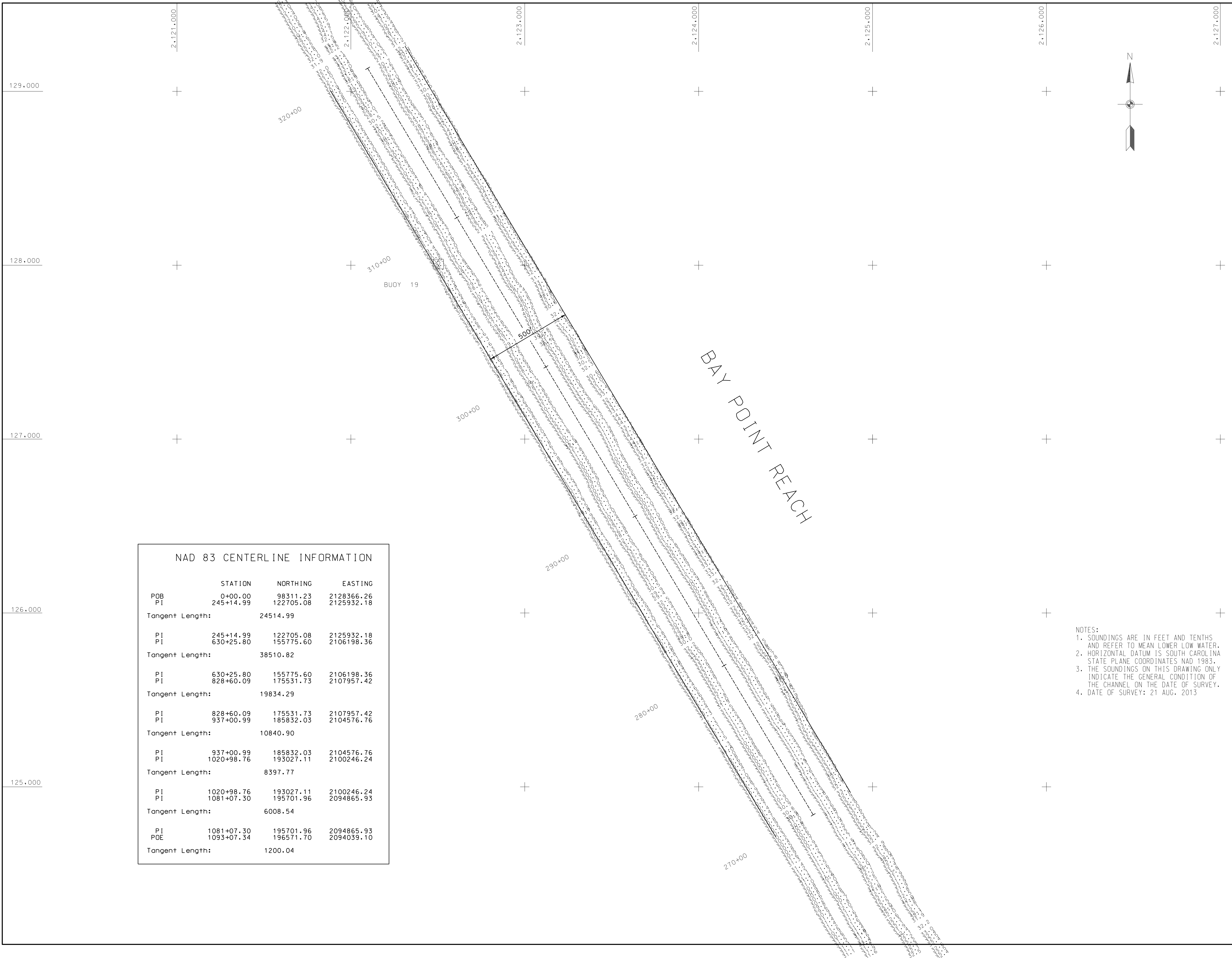
BAY POINT REACH



NO.	DESCRIPTION	DATE	APP.

Designated by:	MRV	Checked by:	MRV
Drawn by:	MRV	Reviewed by:	MRV
Started by:			
Date:	AUG 2013	Drawn by No.:	9503
Revised:		Drawn Scale:	1" = 20'

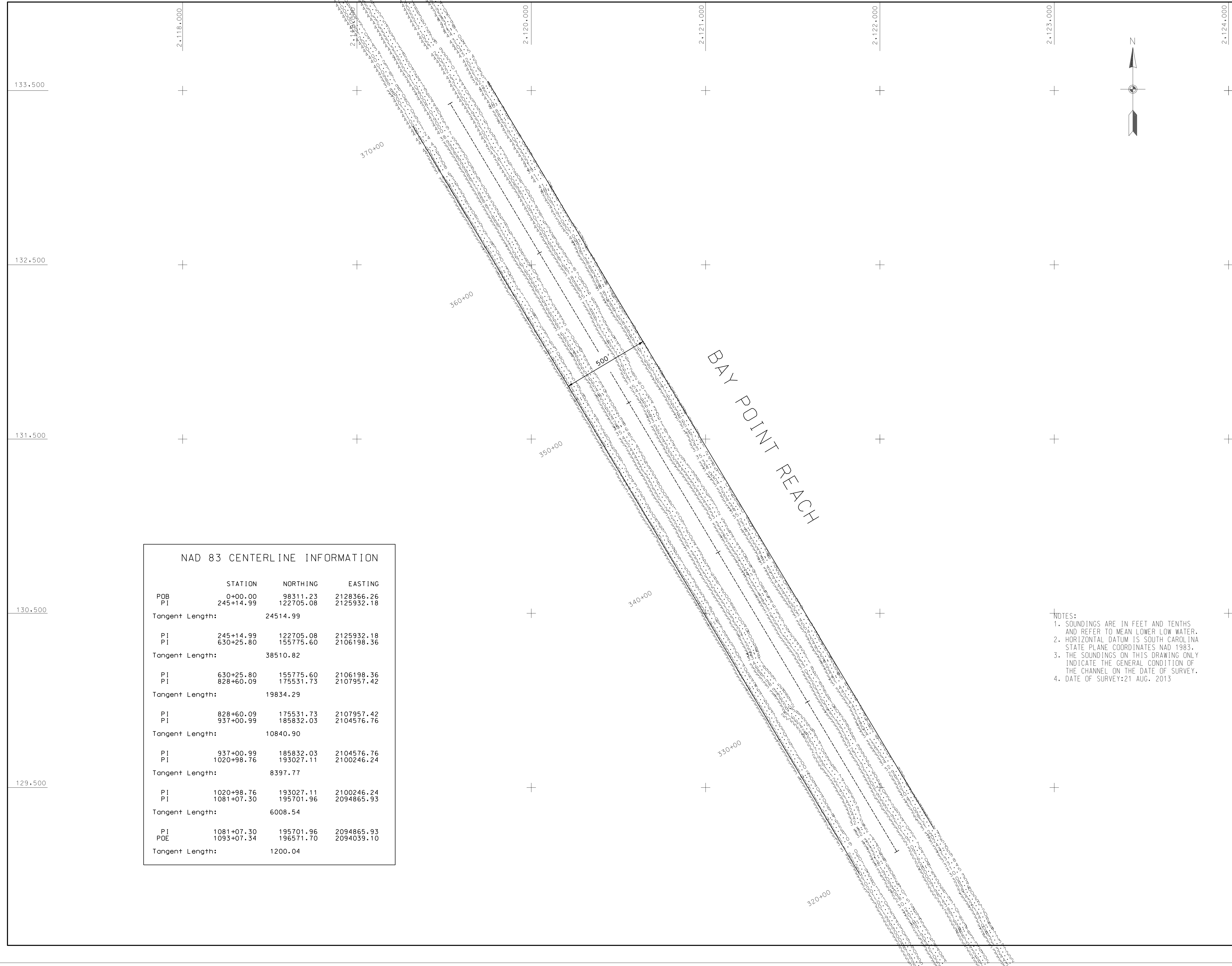
U.S. ARMY ENGINEER DISTRICT
CHARLESTON SOUTH CAROLINA
PORT ROYAL PROFILE LINES
9503
BEAUFORT COUNTY, SOUTH CAROLINA



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	
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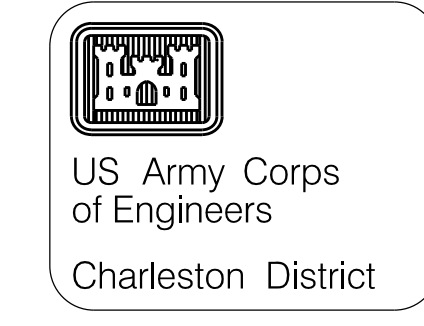
NOTES:
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NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
PQB	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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PI	828+60.09	175531.73	2107957.42
PI	937+00.99	185832.03	2104576.76
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
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
PI	1081+07.30	195701.96	2094865.93
Tangent Length:		6008.54	
PI	1081+07.30	195701.96	2094865.93
PDE	1093+07.34	196571.70	2094039.10
Tangent Length:		1200.04	

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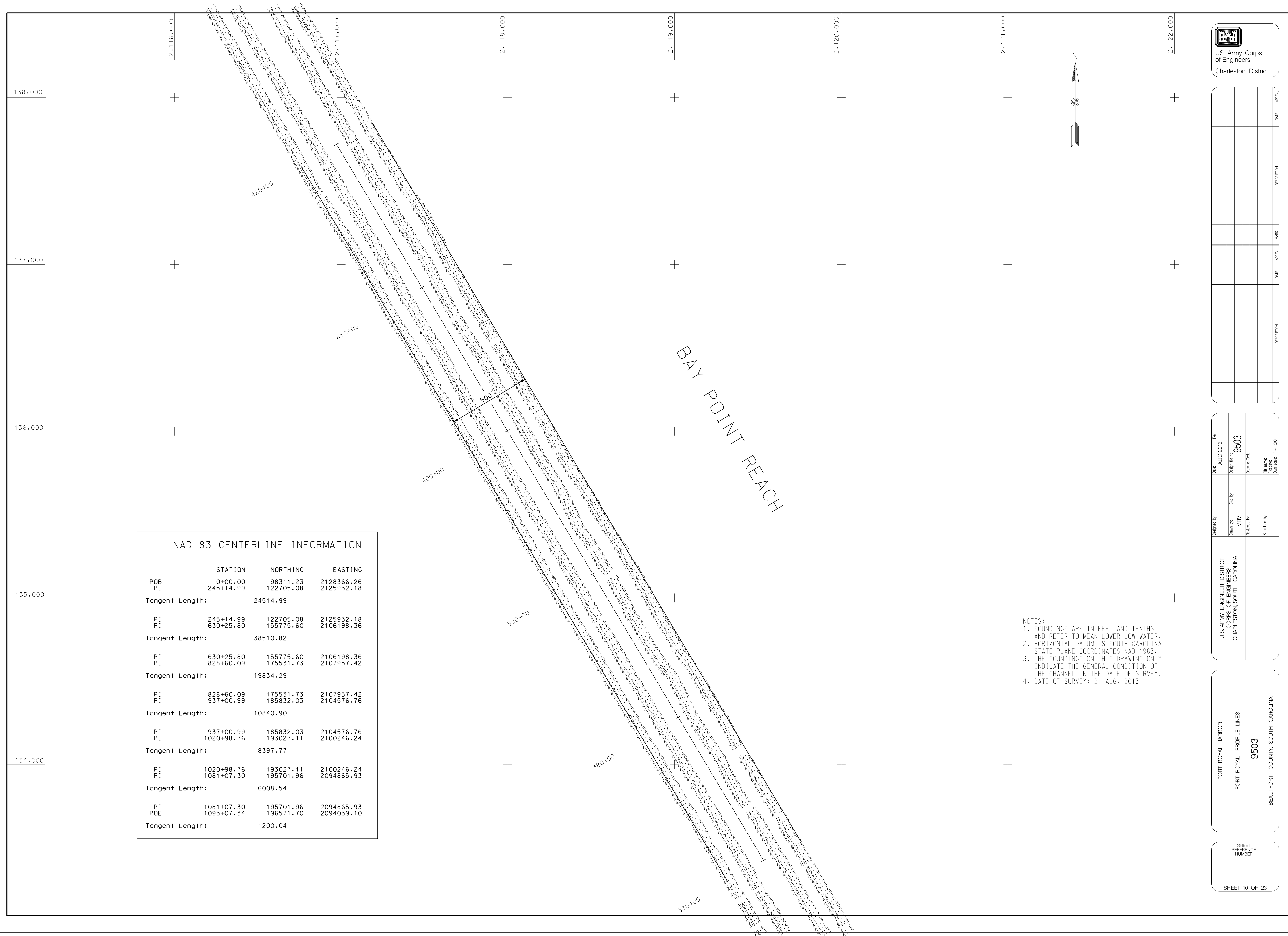


DATE	DESCRIPTION	BY	CHKD

DESIGNED BY:	DATE:	REV:
MRV	AUG. 2013	
CHECKED BY:	DESIGN NO.:	
MRV	9503	
REVIEWED BY:	DRAWING CODE:	
	BY NAME:	DATE SCALE: 1" = 200'
	PROJECT:	

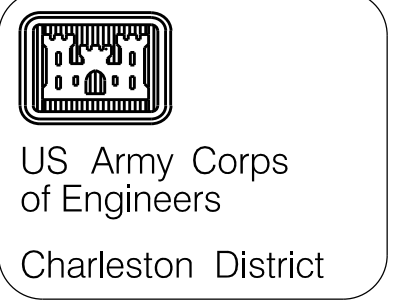
PORT ROYAL HARBOR
 PORT ROYAL PROFILE LINES
9503
 BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER
 SHEET 9 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
PI	828+60.09	175531.73	2107957.42
PI	937+00.99	185832.03	2104576.76
PI	937+00.99	185832.03	2104576.76
Tangent Length:		10840.90	
PI	1020+98.76	193027.11	2100246.24
PI	1020+98.76	193027.11	2100246.24
Tangent Length:		8397.77	
PI	1081+07.30	195701.96	2094865.93
PI	1081+07.30	195701.96	2094865.93
Tangent Length:		6008.54	
PI	1081+07.30	195701.96	2094865.93
PDE	1093+07.34	196571.70	2094039.10
Tangent Length:		1200.04	

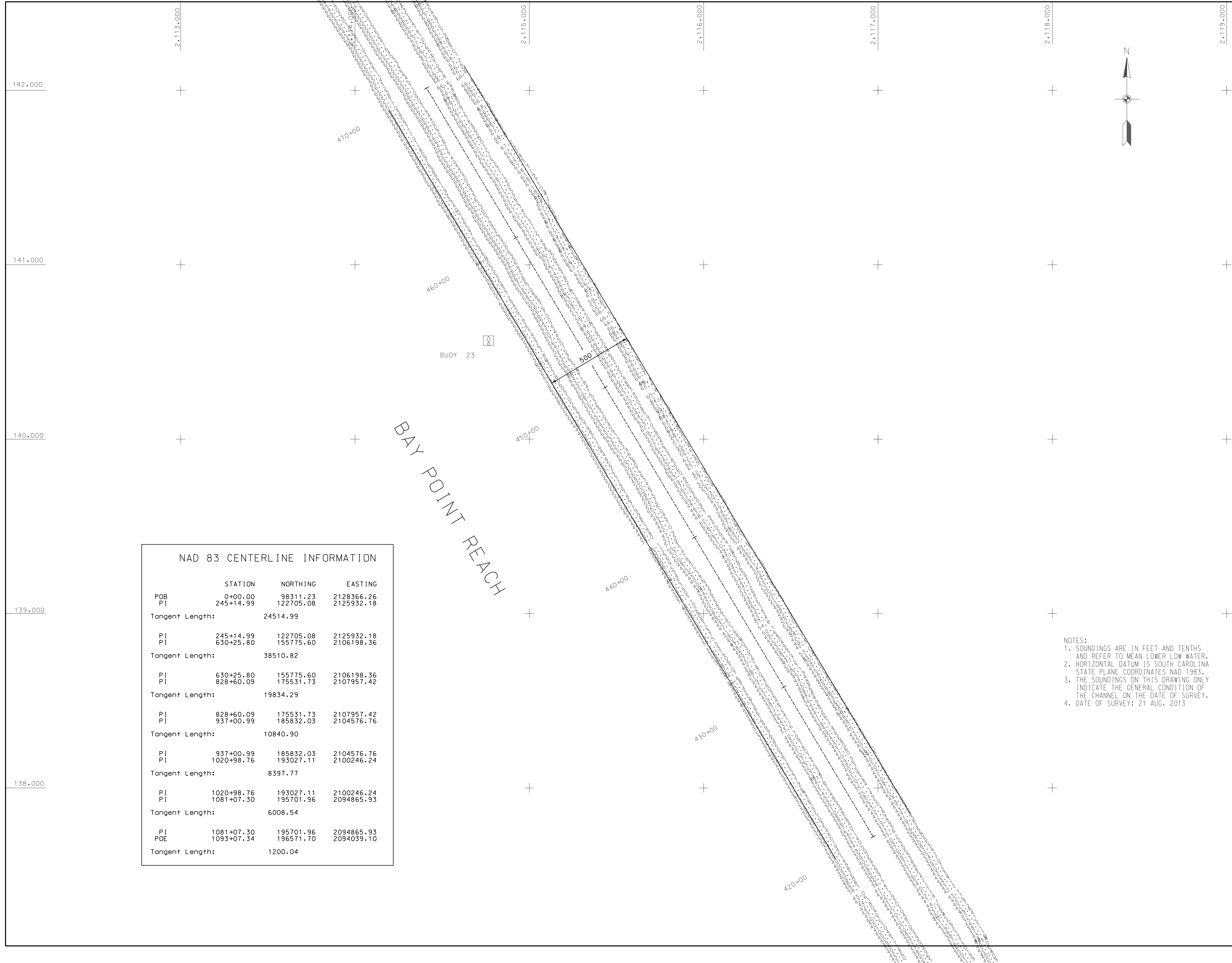
- NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER.
 2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
 3. THE SOUNDINGS ON THIS DRAWING ONLY INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF SURVEY.
 4. DATE OF SURVEY: 21 AUG. 2013



DATE	APPRO.	DESCRIPTION

DESIGNED BY:	DATE:	AUG. 2013
DRAWN BY:	DRAWING NO.:	9503
REVISED BY:	DRAWING CODE:	
SHEETED BY:	FILE NAME:	Port Reach - r - 207
U.S. ARMY ENGINEER DISTRICT		
PORT ROYAL, SOUTH CAROLINA		

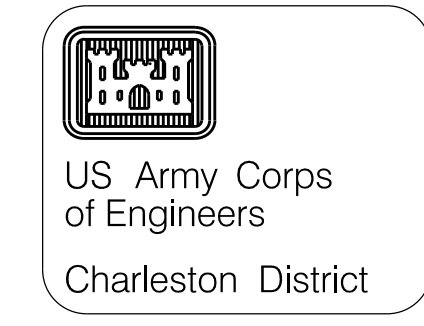
PORT ROYAL HARBOR
 PORT ROYAL PROFILE LINES
9503
 BEAUFORT COUNTY, SOUTH CAROLINA



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
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
PI	1081+07.30	195701.96	2094865.93
PI	1081+07.30	195701.96	2094865.93
POE	1093+07.34	196571.70	2094039.10
Tangent Length:		1200.04	

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 - DATE OF SURVEY: 21 AUG. 2013

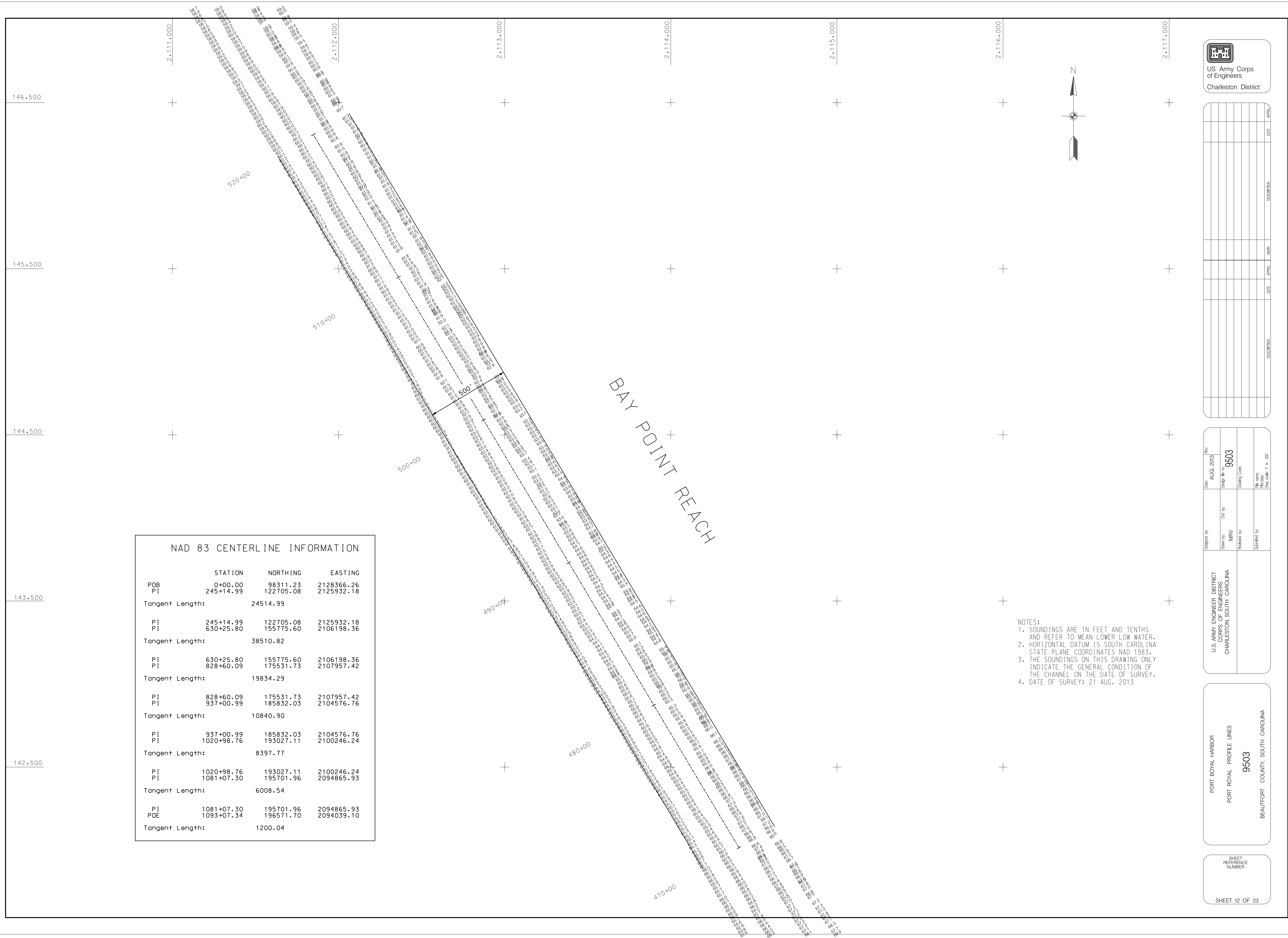


DATE	DESCRIPTION	BY

Designed by:	Checked by:	Drawn by:	Date:	Rev:

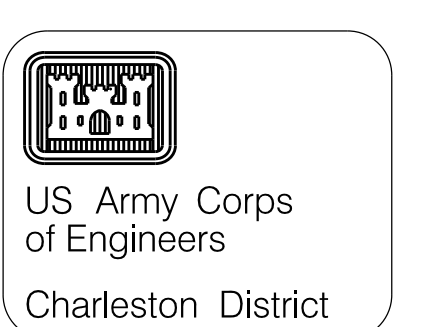
U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 CHARLESTON, SOUTH CAROLINA

PORT ROYAL HARBOR
 PORT ROYAL PROFILE LINES
9503
 BEAUFORT COUNTY, SOUTH CAROLINA



	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
PI	828+60.09	175531.73	2107957.42
PI	937+00.99	185832.03	2104576.76
PI	937+00.99	185832.03	2104576.76
Tangent Length:		10840.90	
PI	1020+98.76	193027.11	2100246.24
PI	1020+98.76	193027.11	2100246.24
Tangent Length:		8397.77	
PI	1081+07.30	195701.96	2094865.93
PI	1081+07.30	195701.96	2094865.93
PGE	1093+07.34	196571.70	2094039.10
Tangent Length:		1200.04	

NOTES:
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 4. DATE OF SURVEY: 21 AUG. 2013

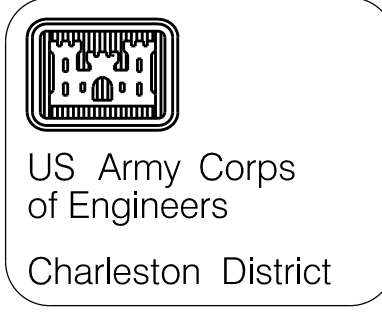
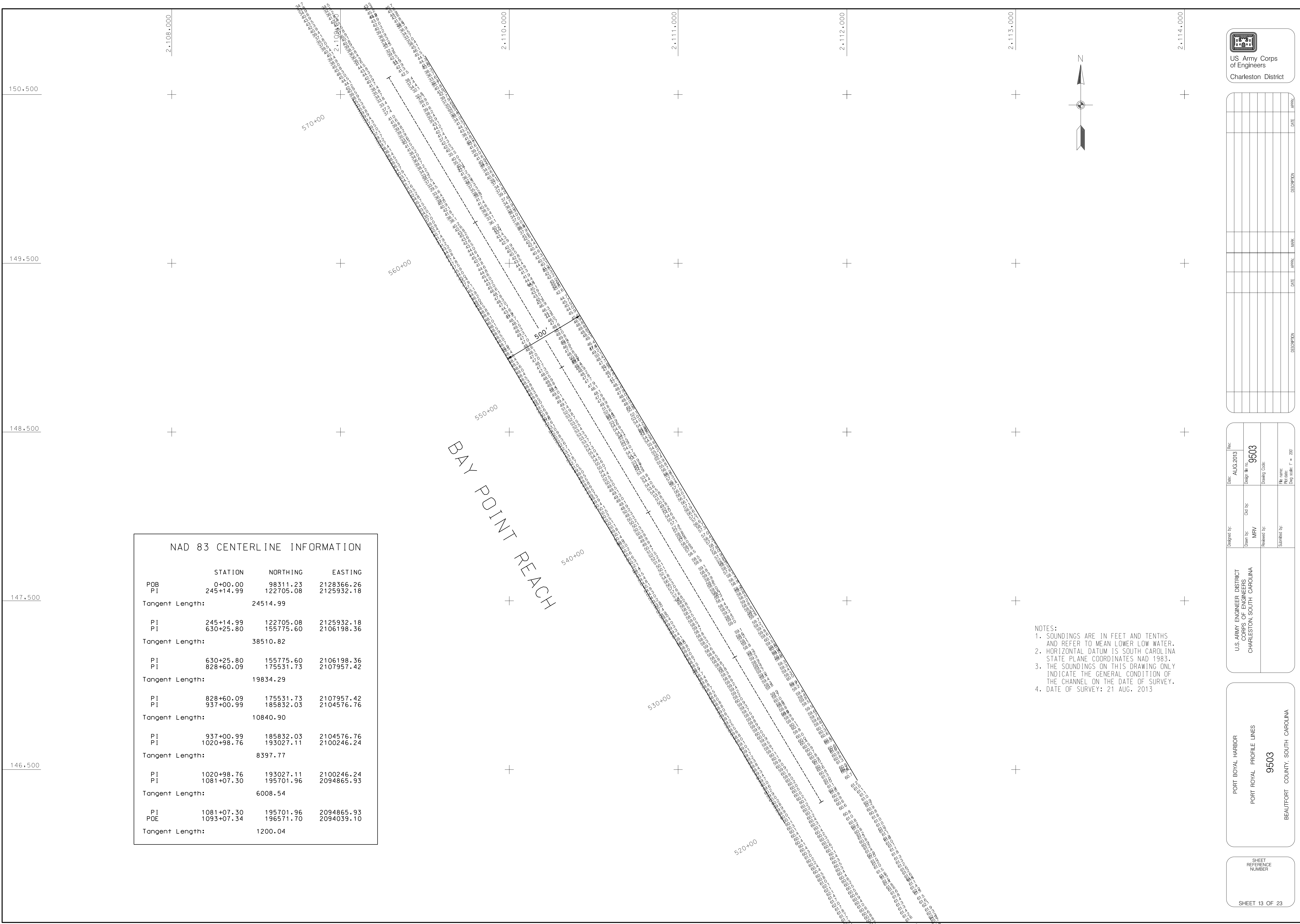


DATE	APPROVAL	DESCRIPTION

Designed by:	Date:	Rev:
Checked by:	AUG. 2013	
Drawn by:	Design No.:	
Reviewed by:	MRV	9503

PORT ROYAL HARBOR
 PORT ROYAL PROFILE LINES
 9503
 BEAUFORT COUNTY, SOUTH CAROLINA

SHEET REFERENCE NUMBER
 SHEET 12 OF 23



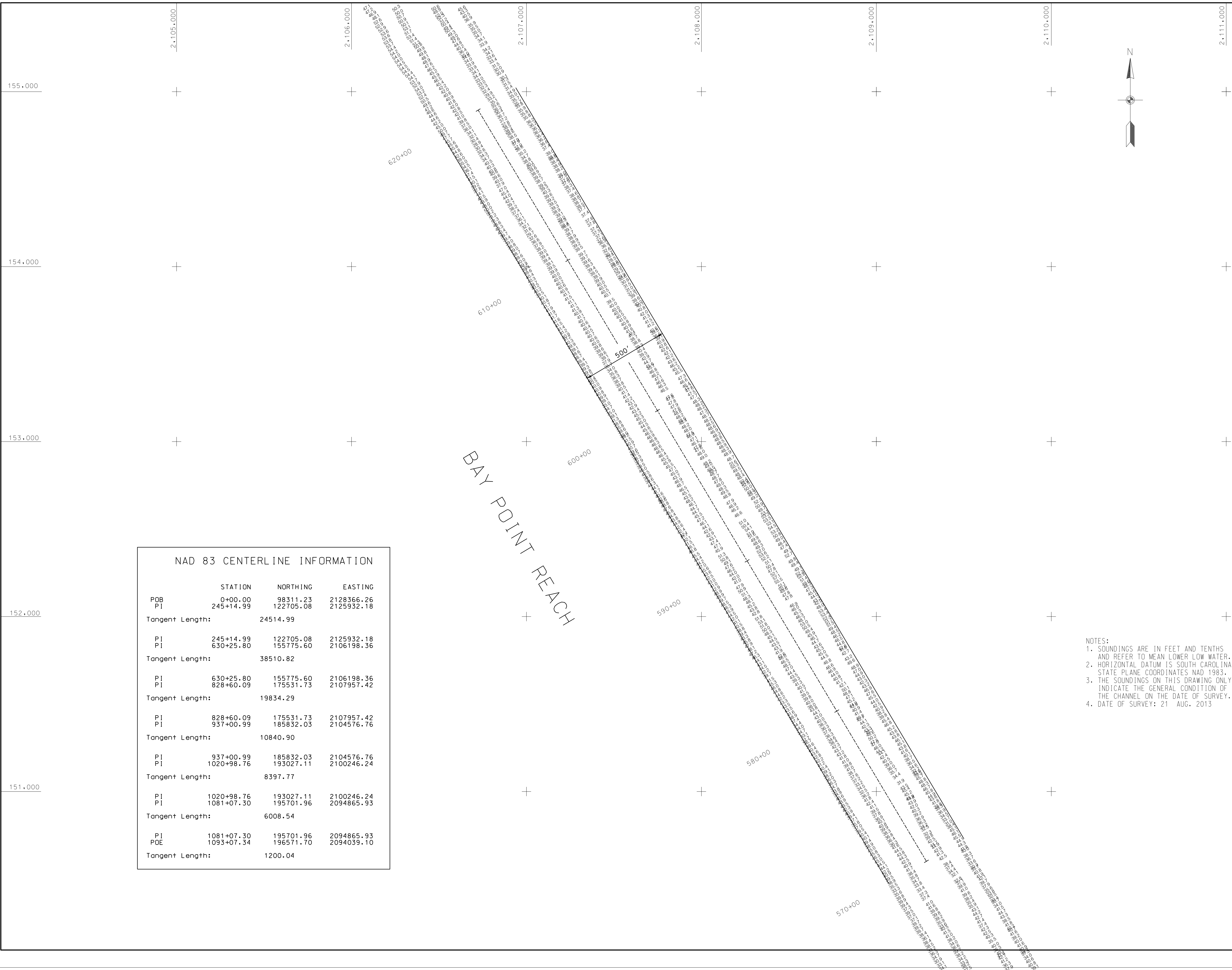
DATE	DESCRIPTION	DATE	APPROVED

	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
PQE	1093+07.34	196571.70	2094039.10
Tangent Length:	1200.04		

NOTES:
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 4. DATE OF SURVEY: 21 AUG. 2013

Designed by	Date	Revised by	Rev
	AUG.2013		

U.S. ARMY ENGINEER DISTRICT
 CORPUS OF ENGINEERS
 CHARLESTON, SOUTH CAROLINA
 PROJECT NUMBER: 9503
 SHEET NUMBER: 9503
 BEAUFORT COUNTY, SOUTH CAROLINA
 PORT ROYAL HARBOR
 PORT ROYAL PROFILE LINES



DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION

NAD 83 CENTERLINE INFORMATION

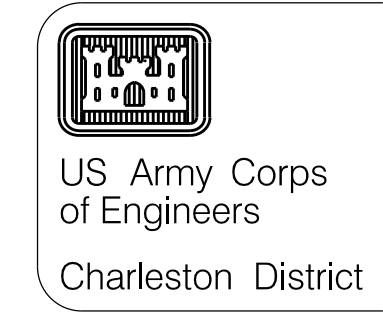
	STATION	NORTHING	EASTING
POB	0+00.00	98311.23	2128366.26
PI	245+14.99	122705.08	2125932.18
Tangent Length: 24514.99			
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
Tangent Length: 38510.82			
PI	630+25.80	155775.60	2106198.36
PI	828+60.09	175531.73	2107957.42
PI	828+60.09	175531.73	2107957.42
Tangent Length: 19834.29			
PI	828+60.09	175531.73	2107957.42
PI	937+00.99	185832.03	2104576.76
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
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
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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 3. THE SOUNDINGS ON THIS DRAWING ONLY INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF SURVEY.
 4. DATE OF SURVEY: 21 AUG. 2013

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

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

PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9503
BEAUFORT COUNTY, SOUTH CAROLINA



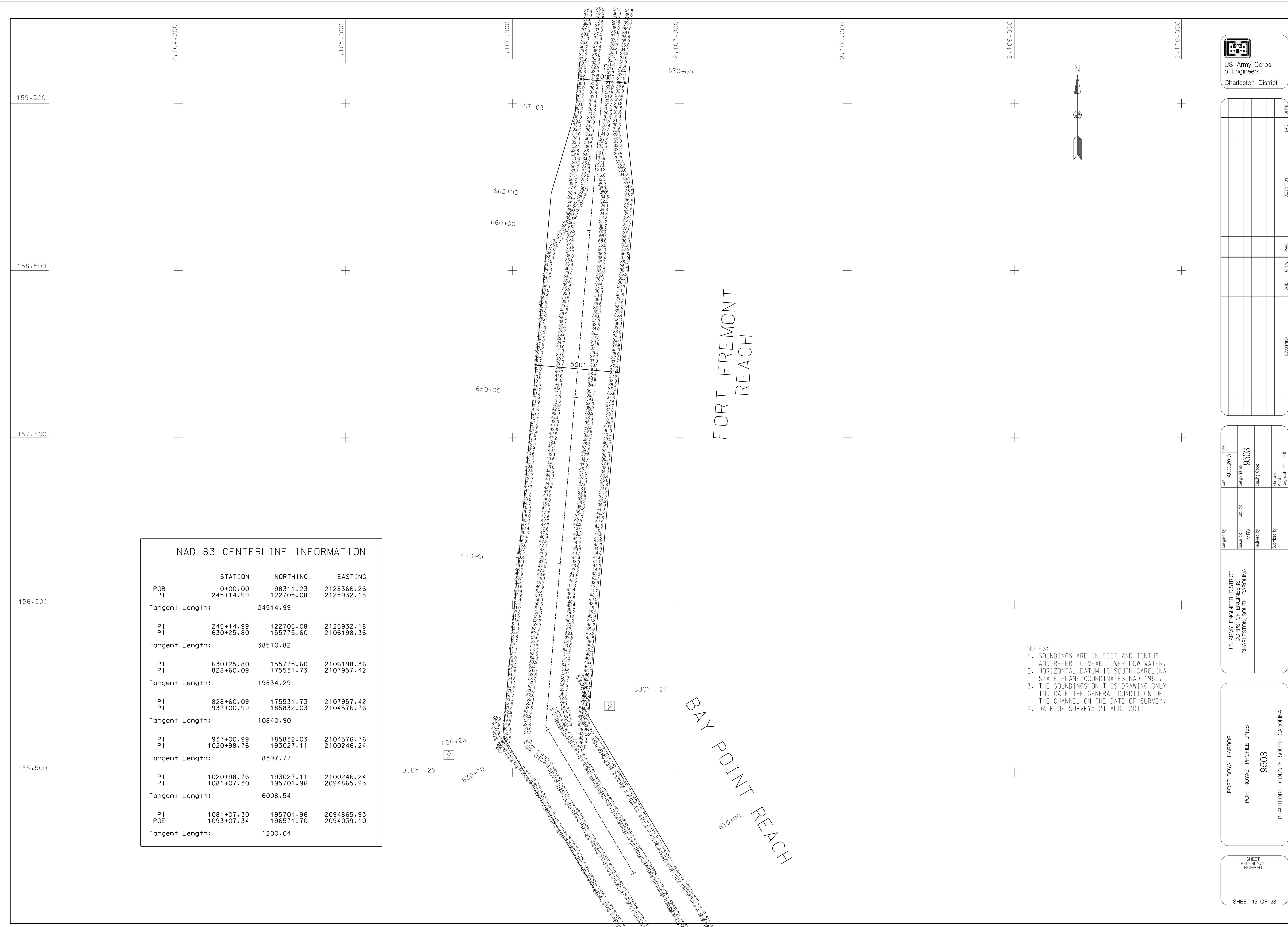
NO.	DATE	REVISION

DESIGNED BY:	DATE:	REV:
DRAWN BY:	AUG 2013	
CHECKED BY:		
PROJECT NO.:		
SHEET NO.:		
DRAWING CODE:		

DESIGNED BY:	DATE:	REV:
DRAWN BY:	AUG 2013	
CHECKED BY:		
PROJECT NO.:		
SHEET NO.:		
DRAWING CODE:		

DESIGNED BY:	DATE:	REV:
DRAWN BY:	AUG 2013	
CHECKED BY:		
PROJECT NO.:		
SHEET NO.:		
DRAWING CODE:		

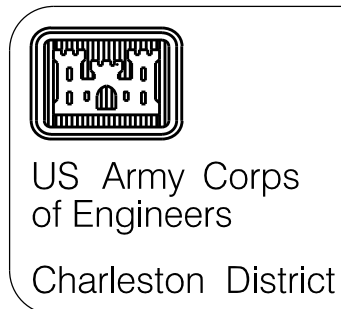
SHEET REFERENCE NUMBER
SHEET 15 OF 23



NAD 83 CENTERLINE INFORMATION

STATION	NORTHING	EASTING	
PDB	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
PDE	1081+07.30	195701.96	2094865.93
PI	1093+07.34	196571.70	2094039.10
Tangent Length:	6008.54		
PI	1093+07.34	196571.70	2094039.10
PDE	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: 21 AUG. 2013



U.S. Army Corps of Engineers
Charleston District

DATE	DESCRIPTION

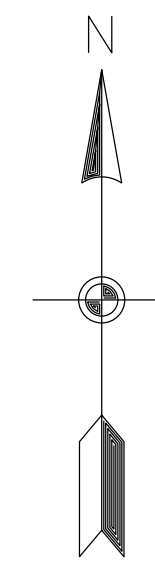
DATE	AUG 2013	NO.	
DESIGN NO.	9503		
DRAWN BY	MPV		
CHECKED BY			
DATE			
SCALE			

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

PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9503
BEAUFORT COUNTY, SOUTH CAROLINA

SHEET
REFERENCE
NUMBER

SHEET 16 OF 23

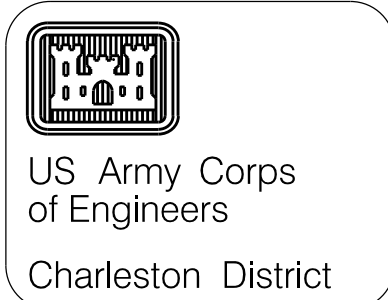


FORT FREMONT REACH

- NOTES:
- SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER.
 - HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
 - THE SOUNDINGS ON THIS DRAWING ONLY INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF SURVEY.
 - DATE OF SURVEY: 21 AUG 2013



NAD 83 CENTERLINE INFORMATION			
	STATION	NORTHING	EASTING
P.O.B.	0+00.00	98311.23	2128366.26
P.I.	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
P.I.	245+14.99	122705.08	2125932.18
P.I.	630+25.80	155775.60	2106198.36
Tangent Length:		38510.82	
P.I.	630+25.80	155775.60	2106198.36
P.I.	828+60.09	175531.73	2107957.42
Tangent Length:		19834.29	
P.I.	828+60.09	175531.73	2107957.42
P.I.	937+00.99	185832.03	2104576.76
P.I.	1020+98.76	193027.11	2100246.24
Tangent Length:		8397.77	
P.I.	1020+98.76	193027.11	2100246.24
P.I.	1081+07.30	195701.96	2094865.93
P.O.E.	1093+07.34	196571.70	2094039.10
Tangent Length:		6008.54	
P.I.	1081+07.30	195701.96	2094865.93
P.O.E.	1093+07.34	196571.70	2094039.10
Tangent Length:		1200.04	



DATE	APP'D.	DESCRIPTION

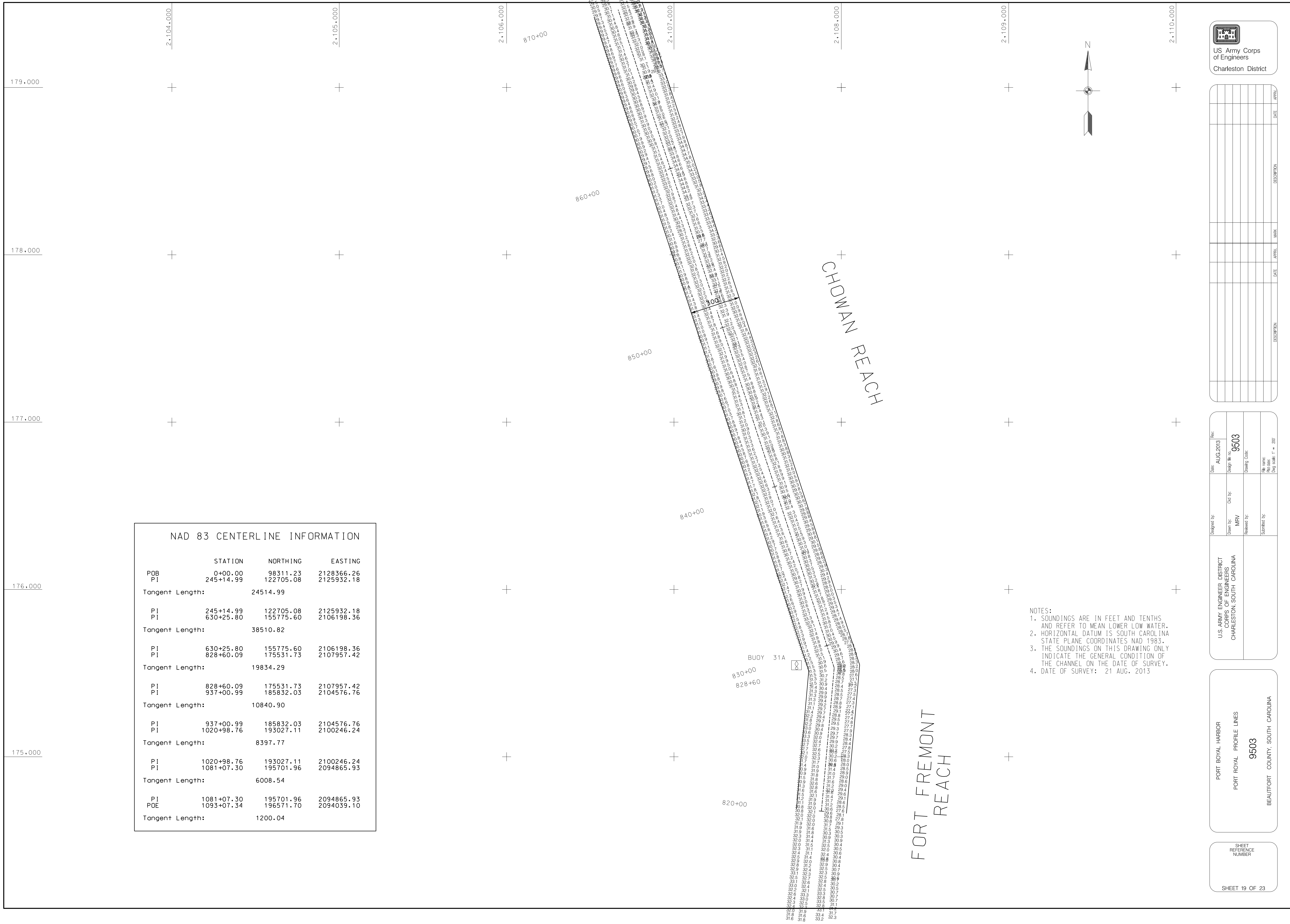
NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
PGB	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	
POE	1081+07.30	195701.96	2094865.93
Tangent Length:		1200.04	

NOTES:
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 4. DATE OF SURVEY: 21 AUG. 2013

DESIGNED BY: U.S. ARMY ENGINEER DISTRICT OF ENGINEERS CHARLESTON, SOUTH CAROLINA
 DRAWN BY: MRY
 CHECKED BY: MRV
 DATE: AUG. 2013
 DESIGN NO: 9503
 SHEET NO: 17 OF 23

FOR TROY HARBOR
 PORT ROYAL PROFILE LINES
9503
 BEAUFORT COUNTY, SOUTH CAROLINA



US Army Corps
of Engineers
Charleston District

DATE	APPROVAL	DESCRIPTION

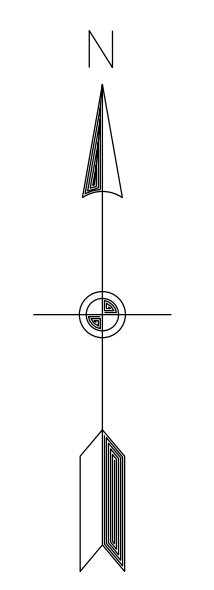
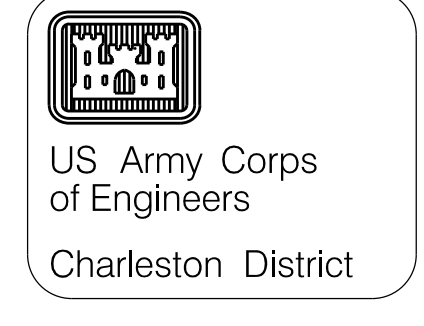
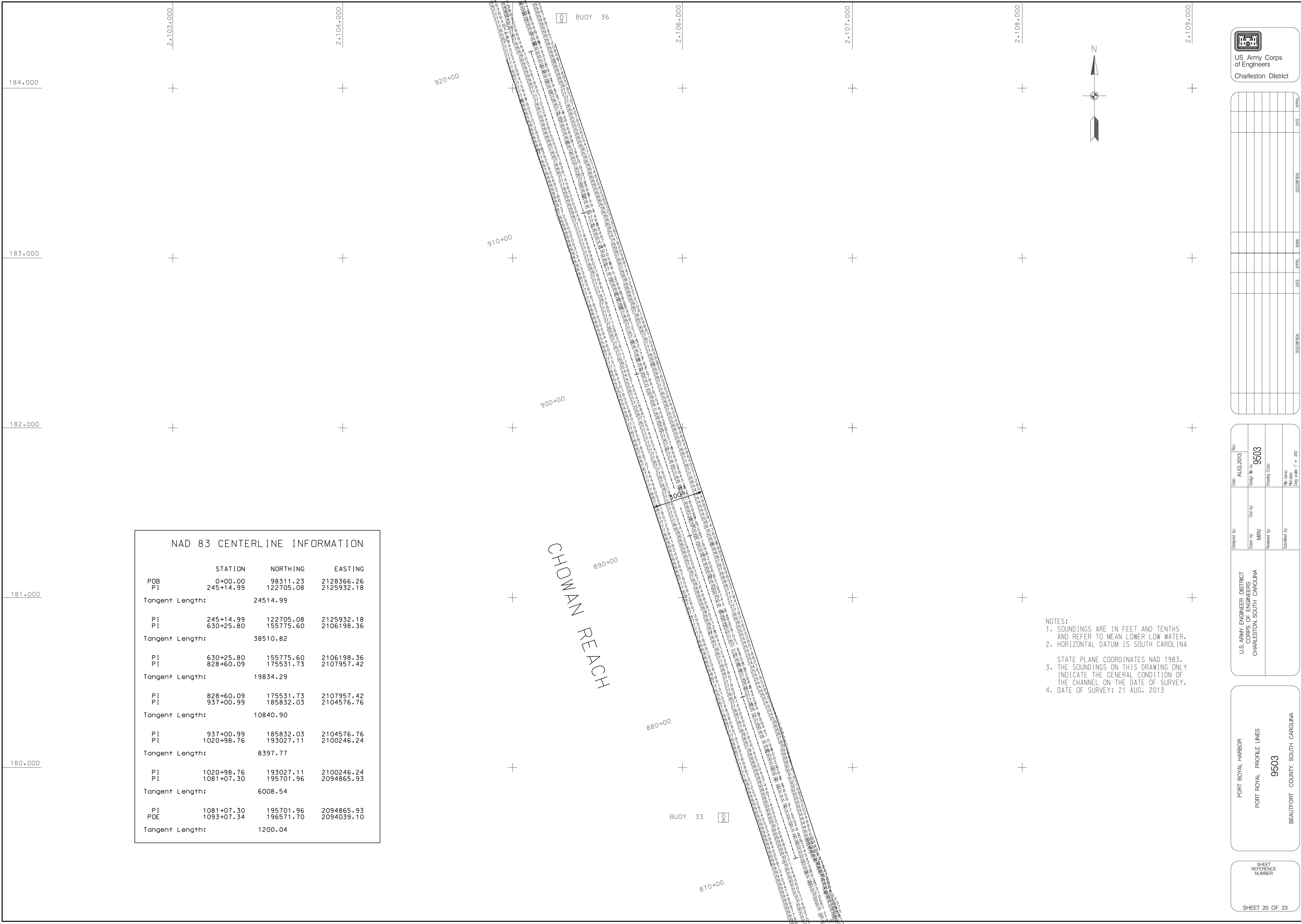
NAD 83 CENTERLINE INFORMATION			
	STATION	NORTHING	EASTING
PQB	0+00.00	98311.23	2128366.26
PI	245+14.99	122705.08	2125932.18
Tangent Length:		24514.99	
PI	245+14.99	122705.08	2125932.18
PI	630+25.80	155775.60	2106198.36
Tangent Length:		38510.82	
PI	630+25.80	155775.60	2106198.36
PI	828+60.09	175531.73	2107957.42
PI	937+00.99	185832.03	2104576.76
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
PDE	1093+07.34	196571.70	2094039.10
Tangent Length:		1200.04	

DESIGNED BY:	DATE:	REVISED BY:	DATE:
DRWING NO.:	AUG 2013	REVISION NO.:	9503
DRAWN BY:		DRAWING CODE:	
CHECKED BY:		SCALE:	1" = 20'
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHARLESTON SOUTH CAROLINA			

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: 21 AUG. 2013

PORT ROYAL HARBOR
 PORT ROYAL PROFILE LINES
 9503
 BEAUFORT COUNTY, SOUTH CAROLINA

SHEET
 REFERENCE
 NUMBER
 SHEET 19 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
PI	828+60.09	175531.73	2107957.42
PI	828+60.09	175531.73	2107957.42
PI	937+00.99	185832.03	2104576.76
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
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
PI	1081+07.30	195701.96	2094865.93
Tangent Length:		6008.54	
PI	1081+07.30	195701.96	2094865.93
PQE	1093+07.34	196571.70	2094039.10
Tangent Length:		1200.04	

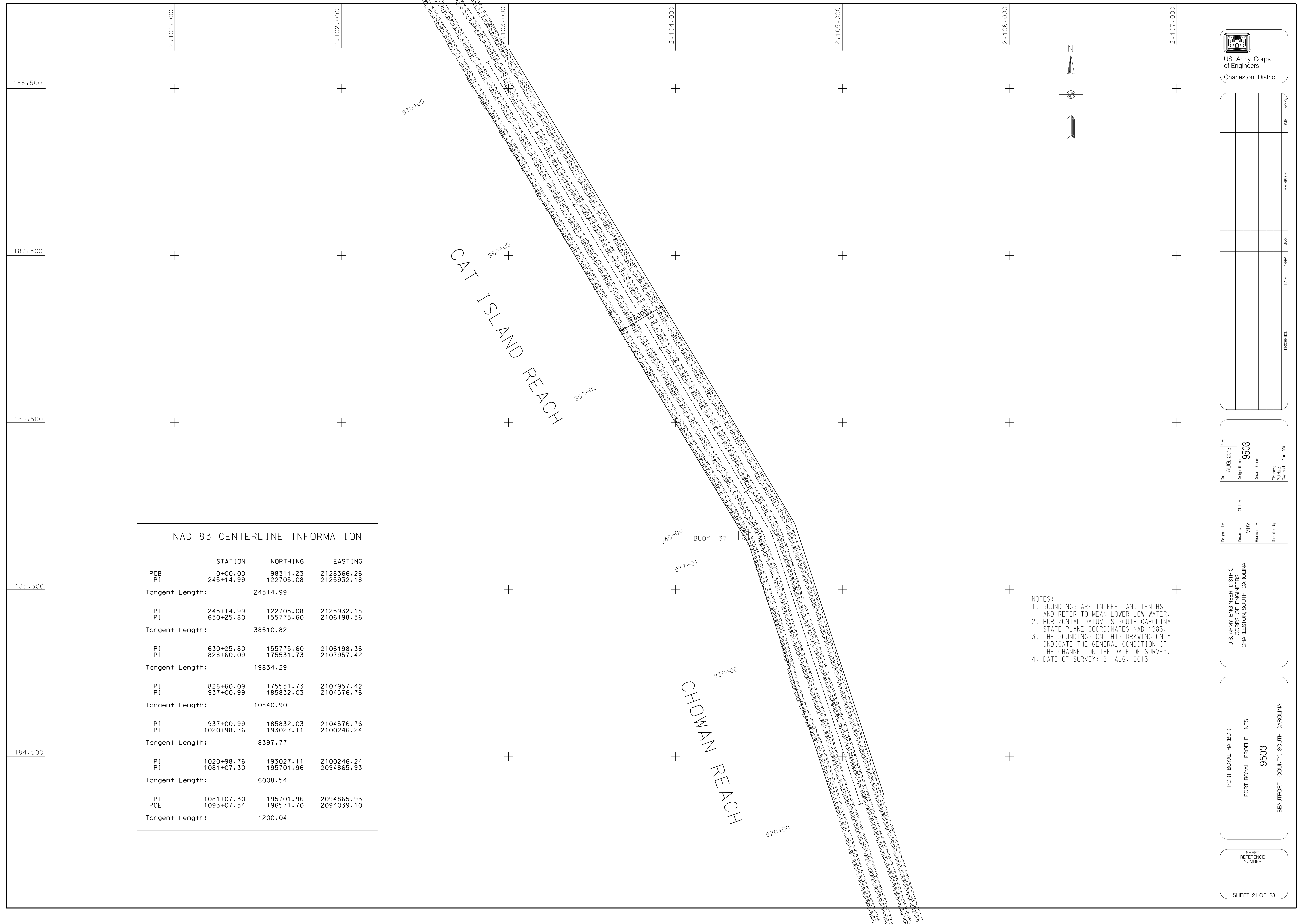
NOTES:
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 3. THE SOUNDINGS ON THIS DRAWING ONLY INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF SURVEY.
 4. DATE OF SURVEY: 21 AUG. 2013

DATE	APP'D	MARK	REVISION

Designed by:	Drawn by:	Checked by:	Reviewed by:	Survised by:	Date:	Drawn to:
	MRV				AUG 2013	9503

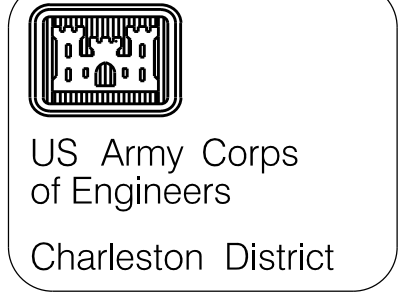
U.S. ARMY ENGINEER DISTRICT
 PORT ROYAL PROFILE LINES
 CHARLESTON, SOUTH CAROLINA
 SHEET REFERENCE NUMBER
 9503
 BEAUFORT COUNTY, SOUTH CAROLINA

PORT ROYAL HARBOR
 PORT ROYAL PROFILE LINES
 SHEET REFERENCE NUMBER
 9503



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
PI	828+60.09	175531.73	2107957.42
PI	937+00.99	185832.03	2104576.76
PI	937+00.99	185832.03	2104576.76
Tangent Length:		10840.90	
PI	1020+98.76	193027.11	2100246.24
PI	1020+98.76	193027.11	2100246.24
Tangent Length:		8397.77	
PI	1081+07.30	195701.96	2094865.93
PI	1081+07.30	195701.96	2094865.93
Tangent Length:		6008.54	
PI	1093+07.34	196571.70	2094039.10
POE	1093+07.34	196571.70	2094039.10
Tangent Length:		1200.04	

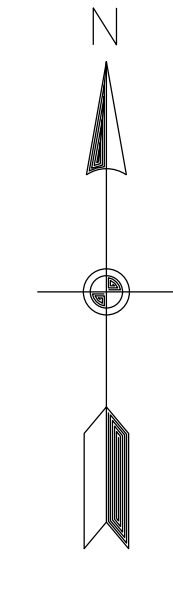
NOTES:
 1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER.
 2. HORIZONTAL DATUM IS SOUTH CAROLINA STATE PLANE COORDINATES NAD 1983.
 3. THE SOUNDINGS ON THIS DRAWING ONLY INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF SURVEY.
 4. DATE OF SURVEY: 21 AUG. 2013



DATE	DESCRIPTION	DATE	WORK	DATE	APPROVAL

Designed by:	Checked by:	Date:	Rev:
U.S. ARMY ENGINEER DISTRICT OF ENGINEERS CHARLESTON, SOUTH CAROLINA	MRV	AUG. 2013	9503
Released by:	Scale:	Quantity Code:	

PORT ROYAL HARBOR
 PORT ROYAL PROFILE LINES
 9503
 BEAUFORT COUNTY, SOUTH CAROLINA



DATE	APPROVAL	MARK	DESCRIPTION

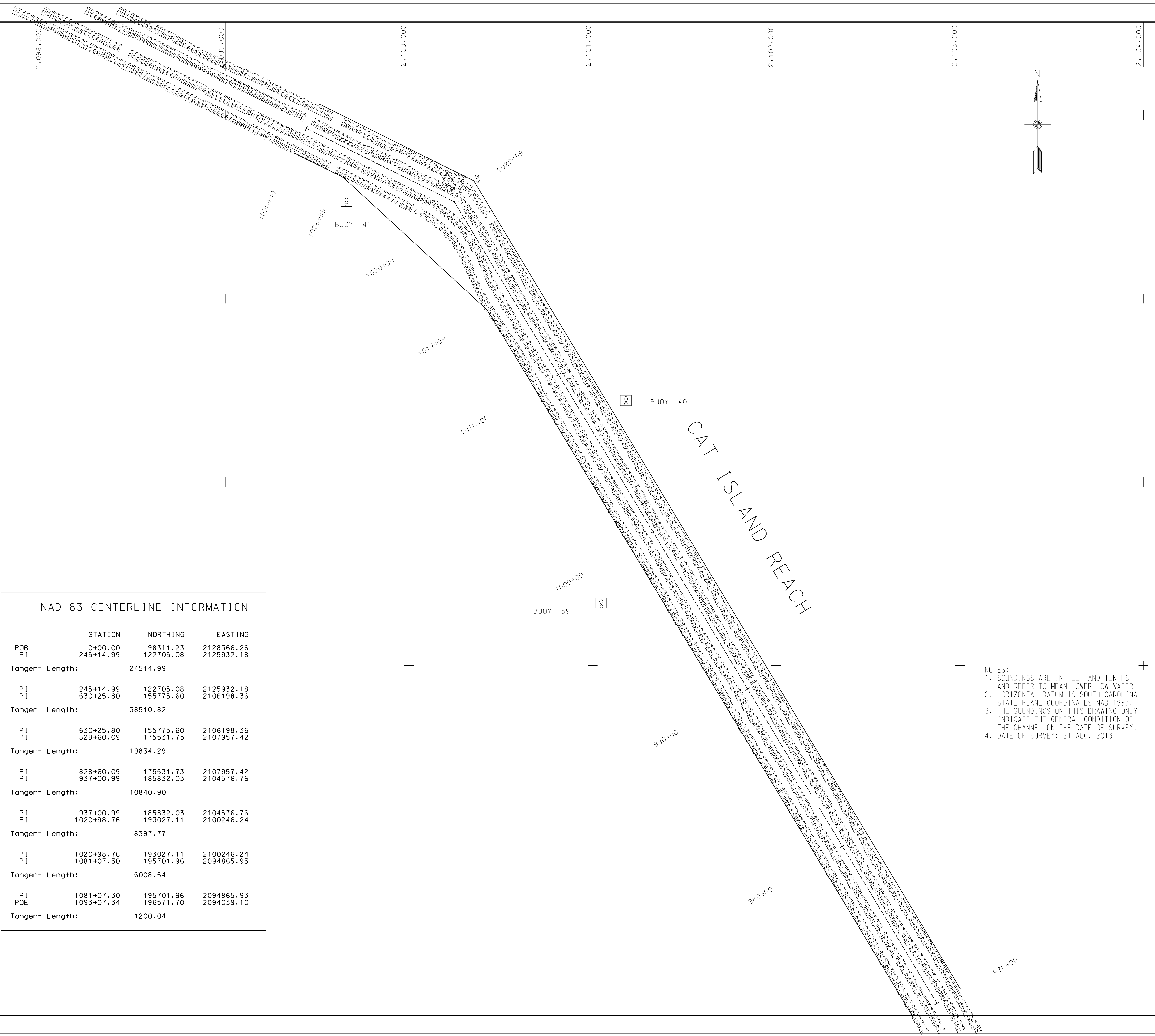
DESIGNED BY	DATE	REVISION

DESIGNED BY	DATE	REVISION

PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9503
BEAUFORT COUNTY, SOUTH CAROLINA

SHEET
REFERENCE
NUMBER

SHEET 22 OF 23



NAD 83 CENTERLINE INFORMATION

STATION	NORTHING	EASTING
P0B 0+00.00	98311.23	2128356.26
P1 245+14.99	122705.08	2125932.18
Tangent Length:	24514.99	
P1 245+14.99	122705.08	2125932.18
P1 630+25.80	155775.60	2106198.36
Tangent Length:	38510.82	
P1 630+25.80	155775.60	2106198.36
P1 828+60.09	175531.73	2107957.42
Tangent Length:	19834.29	
P1 828+60.09	175531.73	2107957.42
P1 937+00.99	185832.03	2104576.76
Tangent Length:	10840.90	
P1 937+00.99	185832.03	2104576.76
P1 1020+98.76	193027.11	2100246.24
Tangent Length:	8397.77	
P1 1020+98.76	193027.11	2100246.24
P1 1081+07.30	195701.96	2094865.93
Tangent Length:	6008.54	
P1 1081+07.30	195701.96	2094865.93
P0E 1093+07.34	196571.70	2094039.10
Tangent Length:	1200.04	

- NOTES:
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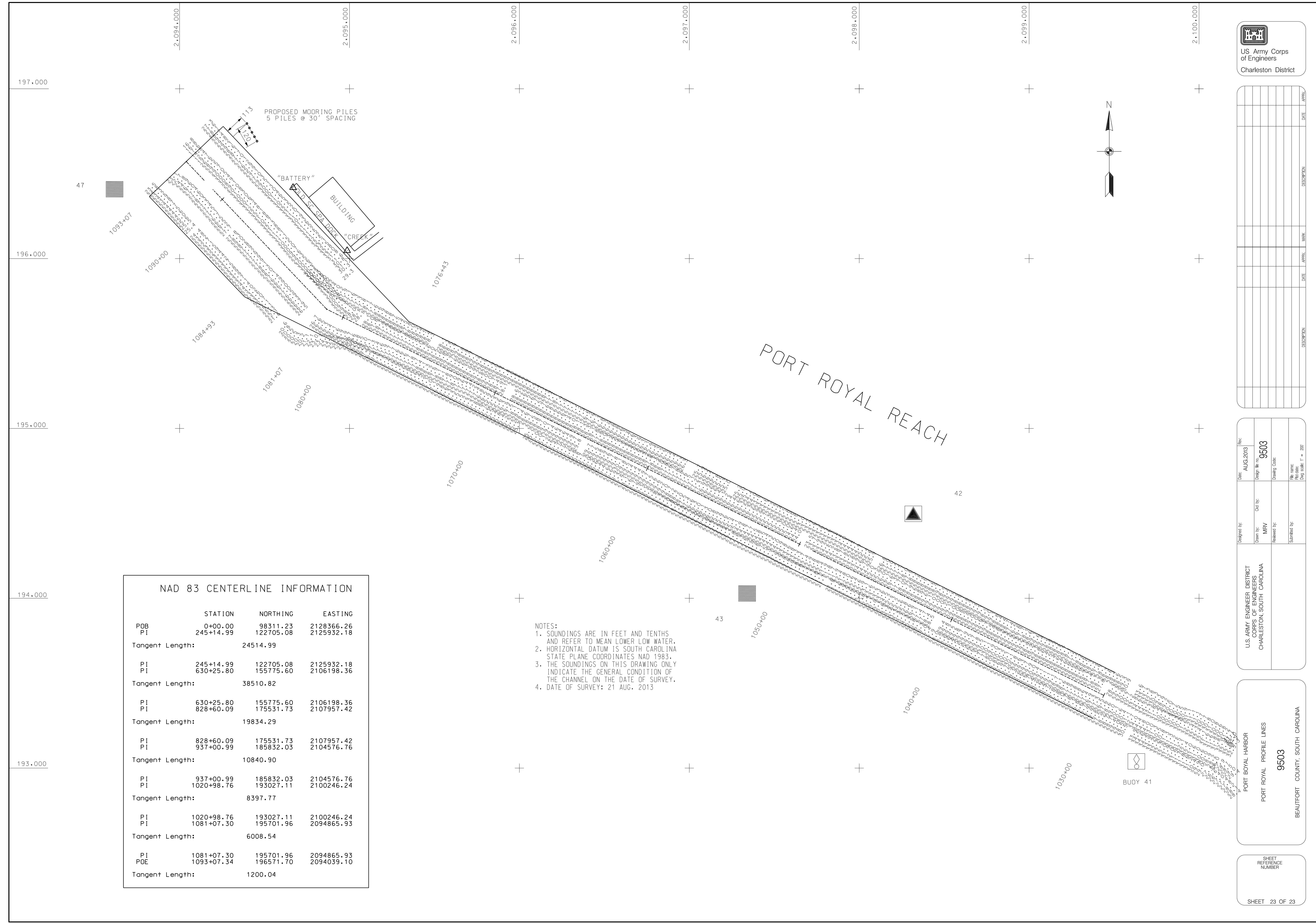
DATE	APPROV.	DESCRIPTION

DESIGNED BY:	MRV
DRAWN BY:	MRV
CHECKED BY:	MRV
DATE:	AUG. 2013
PROJECT NO.:	9503
CITY CODE:	
SCALE:	1" = 20'

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

PORT ROYAL HARBOR
PORT ROYAL PROFILE LINES
9503

BEAUFORT COUNTY, SOUTH CAROLINA



NAD 83 CENTERLINE INFORMATION

	STATION	NORTHING	EASTING
PDB	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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