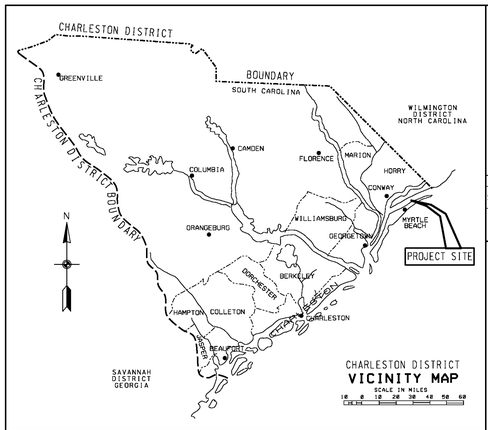
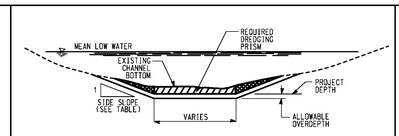


CHARLESTON DISTRICT
VICINITY MAP
SCALE IN MILES

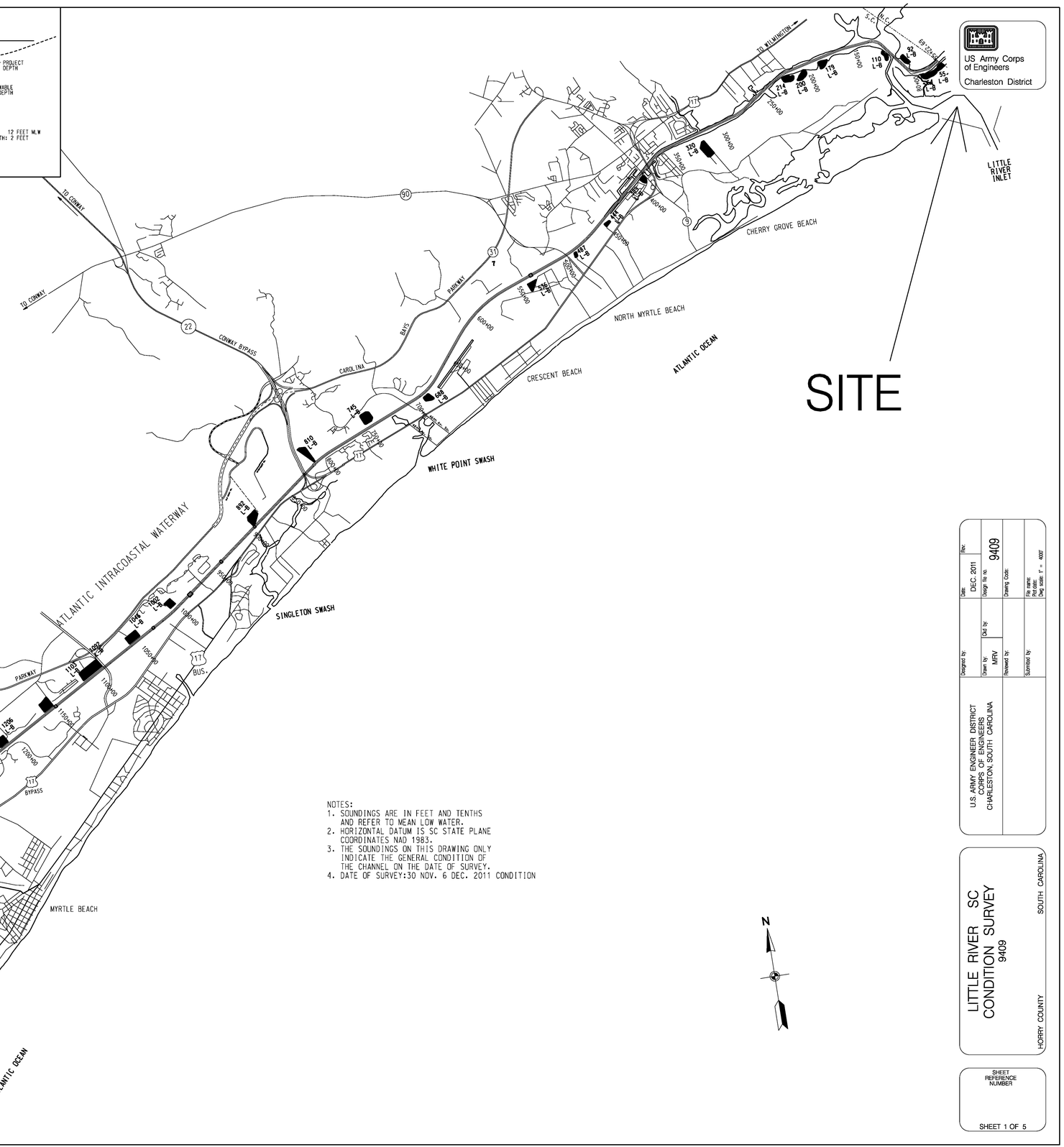


TYPICAL SECTION
NOT TO SCALE

REQUIRED SIDE SLOPES		
SIDE SLOPE	LOCATION	
	BEGIN STATION	END STATION
1V ON 4H	55+00	387+00
1V ON 2H	387+00	1570+00
1V ON 4H	1570+00	1969+00

PROJECT DEPTH: 12 FEET MLW
ALLOWABLE OVERDEPTH: 2 FEET

US Army Corps of Engineers
Charleston District



1206 L-B	DISPOSAL AREA
SHOAL 12	AREA TO BE DREDGED
	PAVED ROAD OR PARKING
	UNPAVED ROAD
	TRAIL
	RAILROAD
	DRIVEWAY
	FENCE
	LIGHTED BEACON
	RED DAYMARK
	GREEN DAYMARK
	CHANNEL MARKER OR SIGN
	FENDER
	DOCK
W	LAKE/POND
	BUILDING
	BUILDING FOUNDATION
	UNDER CONSTRUCTION
	SEMI-PERMANENT BUILDING
	STREAM
	RIPRAP
	CULVERT
	TREE
	TREE COVER
	SWAMP
	ELECTRICAL POLE
	POLE

NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN 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 NOV. 6 DEC. 2011 CONDITION

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

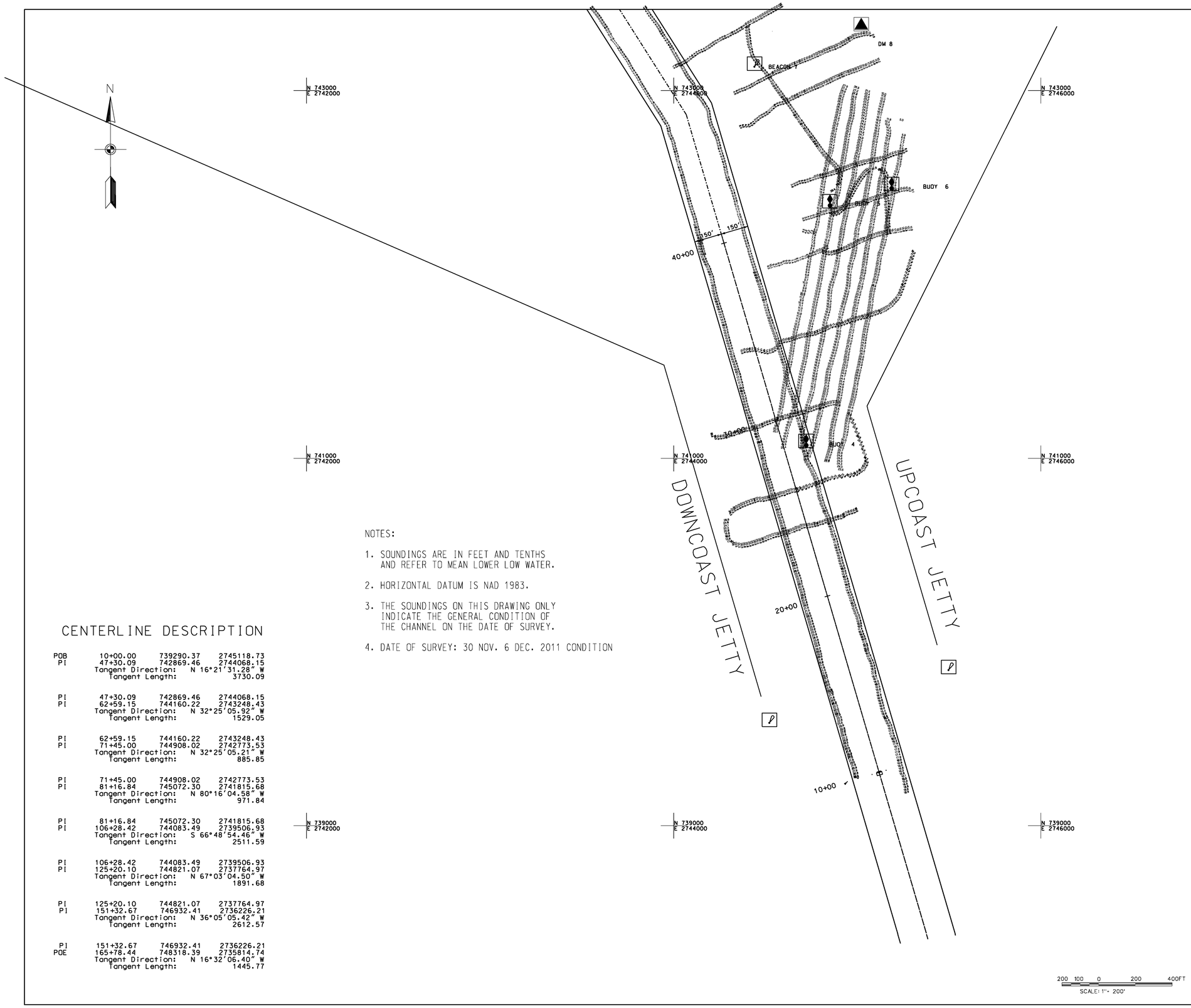
Designed by:		Date: DEC. 2011	Rev:
Drawn by: MRV	Det by:	Design file no: 9409	
Reviewed by:		Drawing Code:	
Submitted by:		File name: Plot date: Dwg scale: 1" = 4000'	

LITTLE RIVER SC CONDITION SURVEY
9409

HORRY COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 1 OF 5



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CENTERLINE DESCRIPTION

POB	10+00.00	739290.37	2745118.73
PI	47+30.09	742869.46	2744068.15
	Tangent Direction:	N 16°21'31.28" W	
	Tangent Length:		3730.09
PI	47+30.09	742869.46	2744068.15
PI	62+59.15	744160.22	2743248.43
	Tangent Direction:	N 32°25'05.92" W	
	Tangent Length:		1529.05
PI	62+59.15	744160.22	2743248.43
PI	71+45.00	744908.02	2742773.53
	Tangent Direction:	N 32°25'05.21" W	
	Tangent Length:		885.85
PI	71+45.00	744908.02	2742773.53
PI	81+16.84	745072.30	2741815.68
	Tangent Direction:	N 80°16'04.58" W	
	Tangent Length:		971.84
PI	81+16.84	745072.30	2741815.68
PI	106+28.42	744083.49	2739506.93
	Tangent Direction:	S 66°48'54.46" W	
	Tangent Length:		2511.59
PI	106+28.42	744083.49	2739506.93
PI	125+20.10	744821.07	2737764.97
	Tangent Direction:	N 67°03'04.50" W	
	Tangent Length:		1891.68
PI	125+20.10	744821.07	2737764.97
PI	151+32.67	746932.41	2736226.21
	Tangent Direction:	N 36°05'05.42" W	
	Tangent Length:		2612.57
PI	151+32.67	746932.41	2736226.21
POE	165+78.44	748318.39	2735814.74
	Tangent Direction:	N 16°32'06.40" W	
	Tangent Length:		1445.77

US Army Corps of Engineers
Charleston District

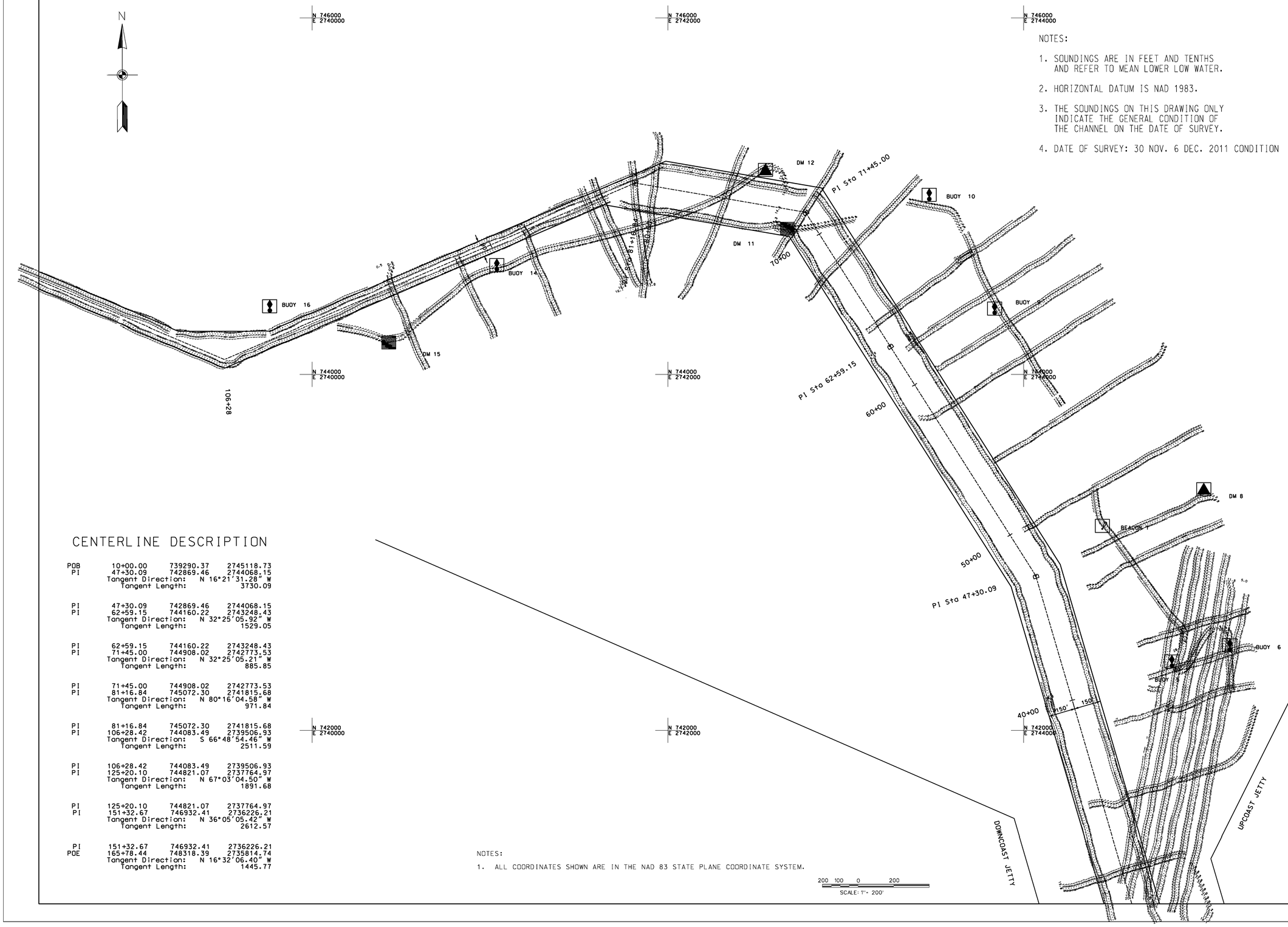
MARK	DESCRIPTION	DATE	APPR.
No. 1	Issue Block Description 1	Date 1	Appr. 1
No. 2	Issue Block Description 2	Date 2	Appr. 2
No. 3	Issue Block Description 3	Date 3	Appr. 3
No. 4	Issue Block Description 4	Date 4	Appr. 4
No. 5	Issue Block Description 5	Date 5	Appr. 5
No. 6	Issue Block Description 6	Date 6	Appr. 6
No. 7	Issue Block Description 7	Date 7	Appr. 7
No. 8	Issue Block Description 8	Date 8	Appr. 8
No. 9	Issue Block Description 9	Date 9	Appr. 9
No. 10	Issue Block Description 10	Date 10	Appr. 10
No. 11	Issue Block Description 11	Date 11	Appr. 11
No. 12	Issue Block Description 12	Date 12	Appr. 12
No. 13	Issue Block Description 13	Date 13	Appr. 13
No. 14	Issue Block Description 14	Date 14	Appr. 14
No. 15	Issue Block Description 15	Date 15	Appr. 15
No. 16	Issue Block Description 16	Date 16	Appr. 16

SURVEYED BY:
Drawn by: MRV
Ckd by:
Reviewed by:
Submitted by:
Date: DEC. 2011
Design file no. 9409
Drawing Code:
File name:
Plot date:
Dwg. scale 1" = 200'

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

LITTLE RIVER INLET
CONDITION SURVEY
9409
HORRY COUNTY SOUTH CAROLINA

SHEET 2 OF 5



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CENTERLINE DESCRIPTION

POB	10+00.00	739290.37	2745118.73
PI	47+30.09	742869.46	2744068.15
	Tangent Direction:	N 16°21'31.28" W	
	Tangent Length:		3730.09
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	Tangent Direction:	N 32°25'05.92" W	
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	Tangent Length:		885.85
PI	71+45.00	744908.02	2742773.53
PI	81+16.84	745072.30	2741815.68
	Tangent Direction:	N 80°16'04.58" W	
	Tangent Length:		971.84
PI	81+16.84	745072.30	2741815.68
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	Tangent Direction:	S 66°48'54.46" W	
	Tangent Length:		2511.59
PI	106+28.42	744083.49	2739506.93
PI	125+20.10	744821.07	2737764.97
	Tangent Direction:	N 67°03'04.50" W	
	Tangent Length:		1891.68
PI	125+20.10	744821.07	2737764.97
PI	151+32.67	746932.41	2736226.21
	Tangent Direction:	N 36°05'05.42" W	
	Tangent Length:		2612.57
PI	151+32.67	746932.41	2736226.21
POE	165+78.44	748318.39	2735814.74
	Tangent Direction:	N 16°32'06.40" W	
	Tangent Length:		1445.77

NOTES:

1. ALL COORDINATES SHOWN ARE IN THE NAD 83 STATE PLANE COORDINATE SYSTEM.

200 100 0 200
SCALE: 1"= 200'

US Army Corps of Engineers
Charleston District

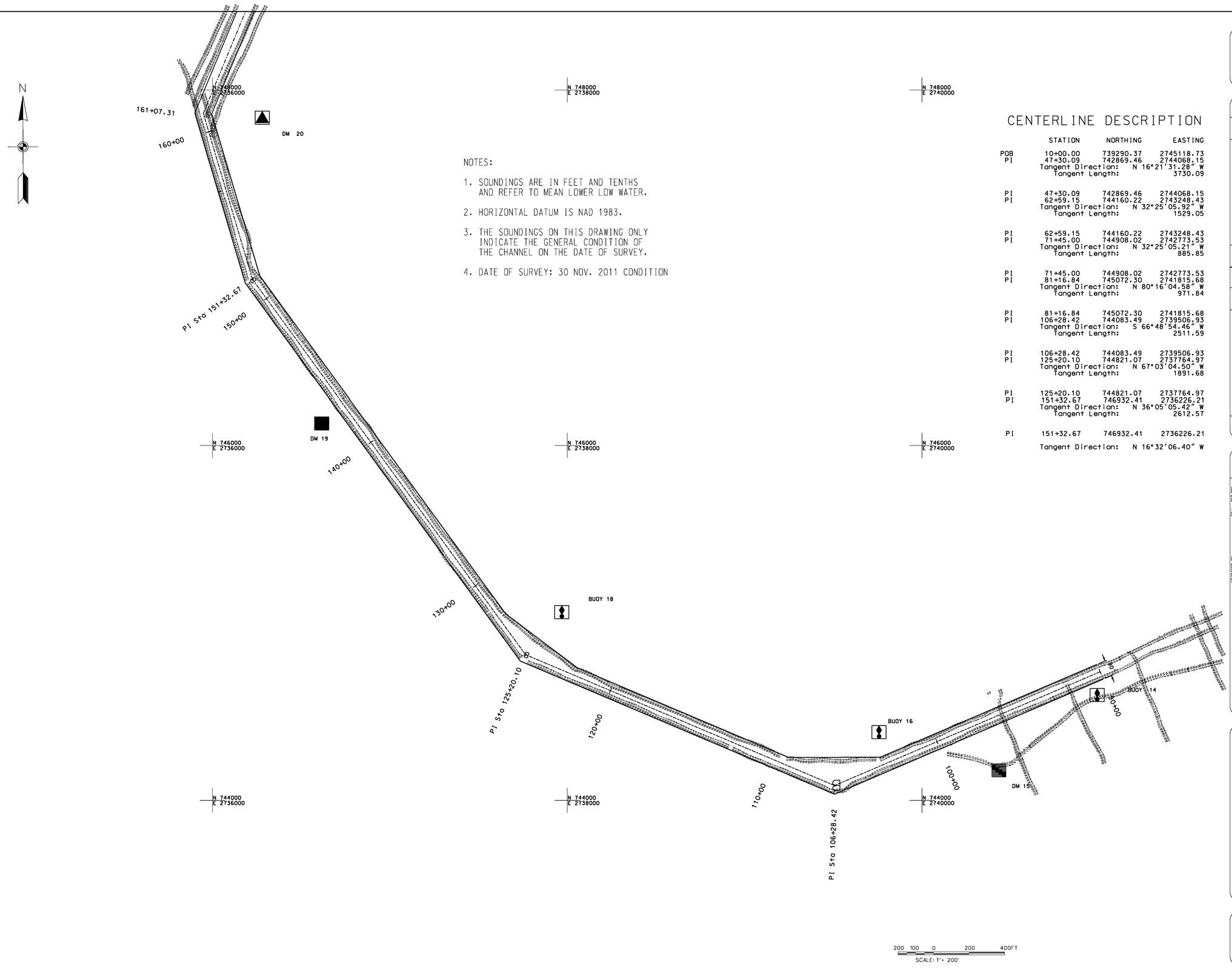
No.	Base Block Description	Date	Appv.	No.	Base Block Description	Date	Appv.
No. 1	Base Block Description 1	Date 1	Appv.1	No. 9	Base Block Description 9	Date 9	Appv.9
No. 2	Base Block Description 2	Date 2	Appv.2	No. 10	Base Block Description 10	Date 10	Appv.10
No. 3	Base Block Description 3	Date 3	Appv.3	No. 11	Base Block Description 11	Date 11	Appv.11
No. 4	Base Block Description 4	Date 4	Appv.4	No. 12	Base Block Description 12	Date 12	Appv.12
No. 5	Base Block Description 5	Date 5	Appv.5	No. 13	Base Block Description 13	Date 13	Appv.13
No. 6	Base Block Description 6	Date 6	Appv.6	No. 14	Base Block Description 14	Date 14	Appv.14
No. 7	Base Block Description 7	Date 7	Appv.7	No. 15	Base Block Description 15	Date 15	Appv.15
No. 8	Base Block Description 8	Date 8	Appv.8	No. 16	Base Block Description 16	Date 16	Appv.16
MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

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

SUBMITTED BY:
Drawn by: MRV
Date: DEC 2011
Chd by:
Reviewed by:
Submitted by:
Design file no. 9400
Drawing Code:
File name:
Plot date:
Dwg. scale: 1" = 200'

LITTLE RIVER INLET
CONDITION SURVEY
9409
HORRY COUNTY SOUTH CAROLINA

SHEET 3 OF 5



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CENTERLINE DESCRIPTION

	STATION	NORTHING	EASTING
POB	10+00.00	739290.37	2745118.73
PI	47+30.09	742869.46	2744068.15
	Tangent Direction:	N 16°21'31.28" W	
	Tangent Length:		3730.09
PI	47+30.09	742869.46	2744068.15
PI	62+59.15	744160.22	2743248.43
	Tangent Direction:	N 32°25'05.92" W	
	Tangent Length:		1529.05
PI	62+59.15	744160.22	2743248.43
PI	71+45.00	744908.02	2742773.53
	Tangent Direction:	N 32°25'05.21" W	
	Tangent Length:		885.85
PI	71+45.00	744908.02	2742773.53
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	Tangent Direction:	S 66°48'54.46" W	
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PI	125+20.10	744821.07	2737764.97
	Tangent Direction:	N 67°03'04.50" W	
	Tangent Length:		1891.68
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PI	151+32.67	746932.41	2736226.21
	Tangent Direction:	N 36°05'05.42" W	
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PI	151+32.67	746932.41	2736226.21
	Tangent Direction:	N 16°32'06.40" W	

US Army Corps of Engineers
Charleston District

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No. 1	Issue Block Description 1	Date 1	Appr. 1
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No. 3	Issue Block Description 3	Date 3	Appr. 3
No. 4	Issue Block Description 4	Date 4	Appr. 4
No. 5	Issue Block Description 5	Date 5	Appr. 5
No. 6	Issue Block Description 6	Date 6	Appr. 6
No. 7	Issue Block Description 7	Date 7	Appr. 7
No. 8	Issue Block Description 8	Date 8	Appr. 8

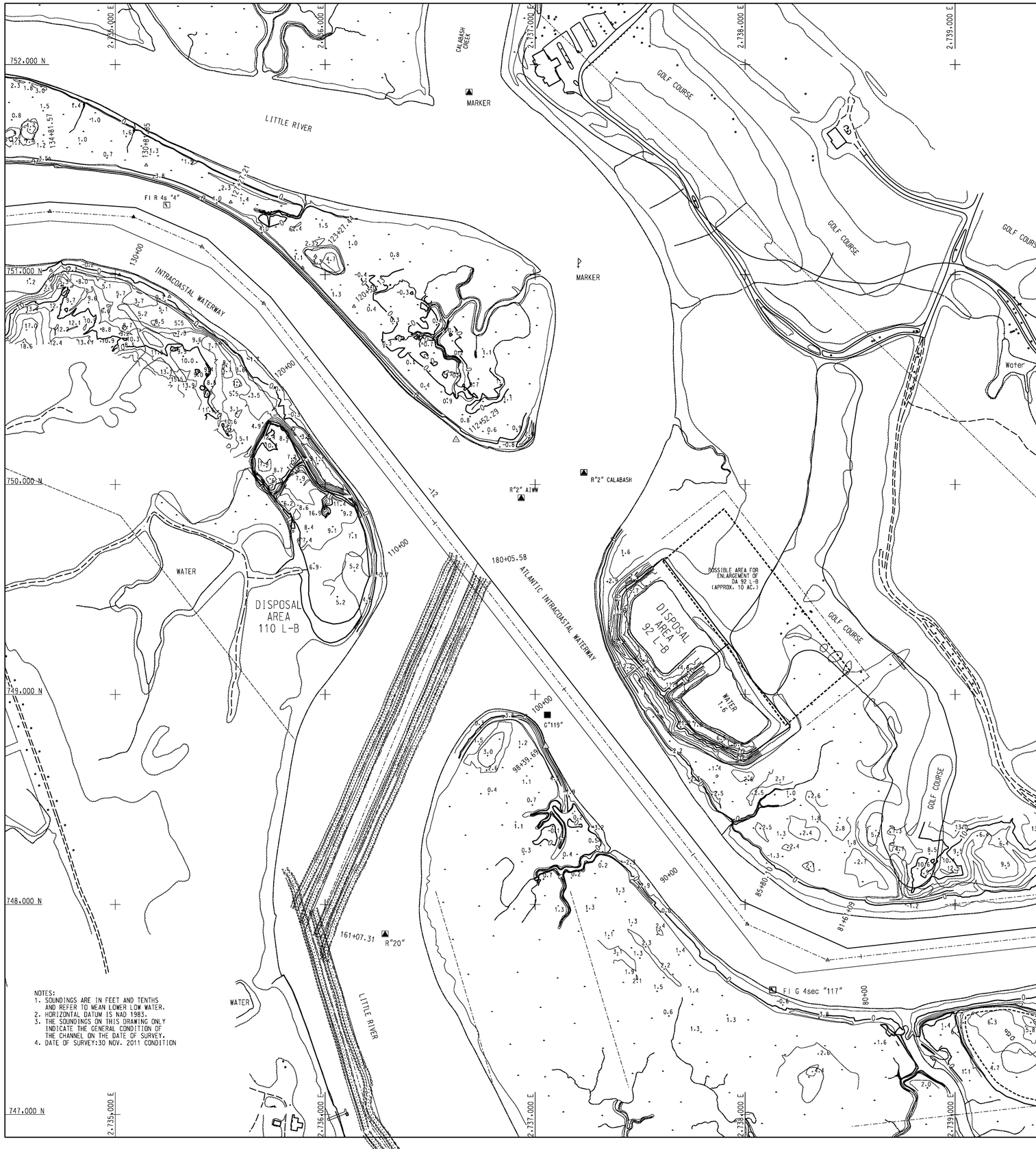
MARK	DESCRIPTION	DATE	APPRO.
No. 9	Issue Block Description 9	Date 9	Appr. 9
No. 10	Issue Block Description 10	Date 10	Appr. 10
No. 11	Issue Block Description 11	Date 11	Appr. 11
No. 12	Issue Block Description 12	Date 12	Appr. 12
No. 13	Issue Block Description 13	Date 13	Appr. 13
No. 14	Issue Block Description 14	Date 14	Appr. 14
No. 15	Issue Block Description 15	Date 15	Appr. 15
No. 16	Issue Block Description 16	Date 16	Appr. 16

SURVEYED BY:
Drawn by: MRV
Oct by:
Reviewed by:
Submitted by:
Date: DEC 2011
Design file no. 9409
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

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

LITTLE RIVER INLET
CONDITION SURVEY
9409
HORRY COUNTY SOUTH CAROLINA

SHEET 4 OF 5



STATION	DESCRIPTION	ELEV.	OFFSET	SIDE	NAD83 COORDINATES EASTING	NAD83 COORDINATES NORTHING	OLD STATION	NAD27 COORDINATES EASTING	NAD27 COORDINATES NORTHING
52+52.73	SC-NC BNDRY MON.		1174.3	LEFT	2.741.701.87	747.686.08	52+52.73	2741771.67	323375.77
55+22.69	POINT ON CL AT SC-NC BORDER		0		2.740.838.69	748.526.14	55+21.56	2740907.99	324215.60
66+90.64	CENTERLINE PI				2.739.854.01	747.898.04	66+89.07		
			238.17	RIGHT	2.739.774.21	748.129.64		2739843.51	323818.58
81+61.09	CENTERLINE PI				2.738.392.64	747.734.83	81+60.39		
85+80.10	CENTERLINE PI				2.738.010.30	747.906.24	85+79.47		
98+39.69			236.75	LEFT	2.737.049.46	748.754.41	98+37.69	2737118.05	324442.30
103+37.69	POINT ON CL		0		2.736.939.04	749.300.06	103+37.69	2737007.38	324987.99
112+52.29			323.55	RIGHT	2.736.623.36	750.213.12	112+55.00	2736691.26	325901.06
120+52.13			330.13	RIGHT	2.736.137.01	750.848.15	120+55.00	2736204.56	326535.98
123+27.44	CENTERLINE PI				2.735.707.39	750.862.44	123+27.60		
			280.16	LEFT	2.735.500.10	750.672.66		2735567.62	326360.20
			250.12	RIGHT	2.735.892.48	751.031.86		2735959.91	326719.62
			332.62	RIGHT	2.735.953.51	751.087.74		2736020.93	326775.54
127+27.21	CENTERLINE PI				2.735.412.67	751.132.53	127+27.43		
			279.96	LEFT	2.735.257.96	750.894.58		2735325.35	326582.05
			249.66	RIGHT	2.735.549.99	751.345.34		2735617.23	327033.01
130+81.85	CENTERLINE PI				2.735.087.59	751.274.29	130+82.13		
			279.97	LEFT				2735087.69	326685.56
			249.95	RIGHT	2.735.147.61	751.520.81		2735214.71	327208.33
134+81.57	CENTERLINE PI				2.734.688.75	751.300.80	134+82.13		
			279.97	LEFT	2.734.693.95	751.019.88		2734761.19	326707.13
			249.95	RIGHT	2.734.686.79	751.551.44		2734753.81	327238.77

NOTES:
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US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

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

Designed by: | Drawn by: MRV | Ckd by: | Reviewed by: | Submitted by:
Date: DEC. 2011 | Rev. | Design file no. | Drawing Code: 9409 | File name: | Dwg. scale: 1" = 200'

ATLANTIC INTRACOASTAL WATERWAY
LITTLE RIVER TO WINYAH BAY
CONDITION SURVEY
STA. 55+23 TO STA. 136+96
9409
HORRY AND GEORGETOWN COUNTIES, SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 5 OF 5