

PERMIT # 129031005



JUL 11 2013

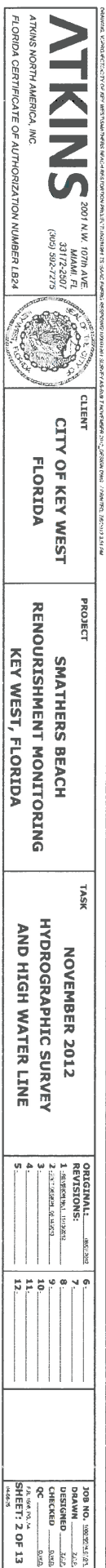
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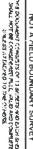
THE VOLUME OF SAND BETWEEN THE DATE OF THIS SURVEY AND THE DATE OF PRIOR SURVEY BY ATKINS NORTH AMERICA, INC. WAS DETERMINED TO HAVE BEEN REDUCED BY 8800.6 CUBIC YARDS. THE VOLUME OF REDUCTION ABOVE THE 1700 WAS DETERMINED TO BE 1780.6 CUBIC YARDS ±.

APPROXIMATE LENGTH OF BEACH AREA= 3040 LINEAR FEET ±

[illegible]

ATKINS 2001 N.W. 107th AVE. MIAMI, FL 33176-2907 (305) 565-1215 ATKINS NORTH AMERICA, INC. FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER LB24			
CLIENT CITY OF KEY WEST FLORIDA		PROJECT SMATHERS BEACH RENOURISHMENT MONITORING KEY WEST, FLORIDA	
TASK NOVEMBER 2012 HYDROGRAPHIC SURVEY AND HIGH WATER LINE		ORIGINAL: 6 REVISIONS: 7 1. GEOMETRIC LAYOUT 8 2. PRELIMINARY MONITOR 9 3. 10 4. 11 5. 12	
JOB NO. 10896-10-01 DRAWN BY: JLC DESIGNED BY: JLC CHECKED BY: BRL QC BY: BRL IN. 1/8" = 1'-0" SHEETS: 1 OF 13 DATE OF PLOT: 06-14-13 REVISIONS:			



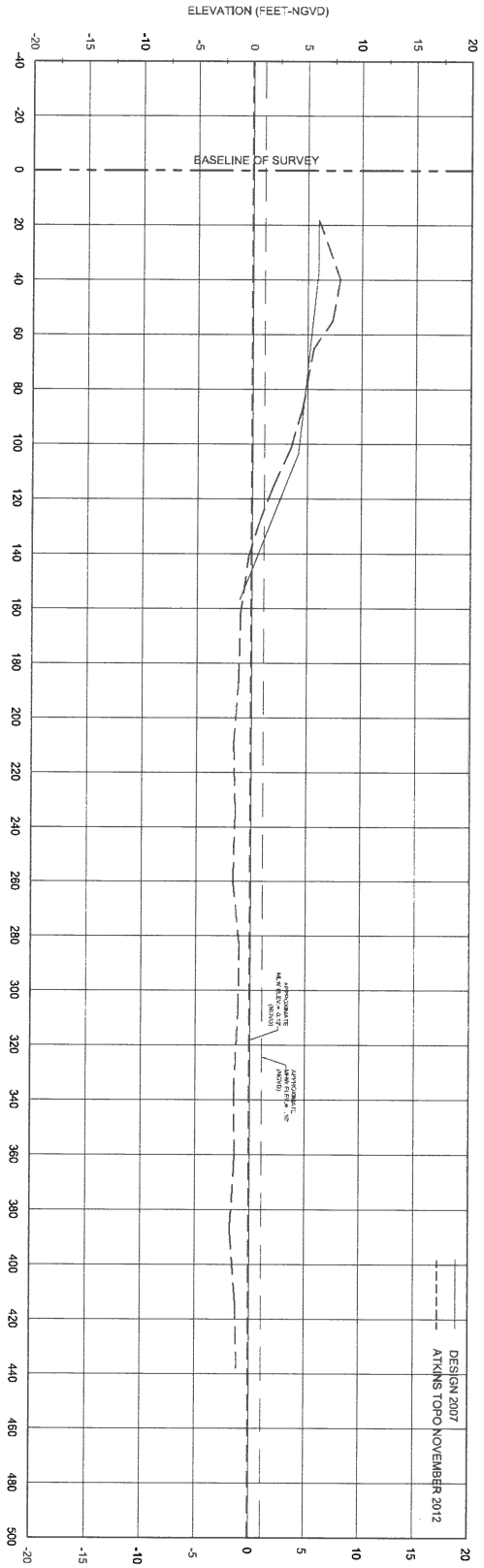
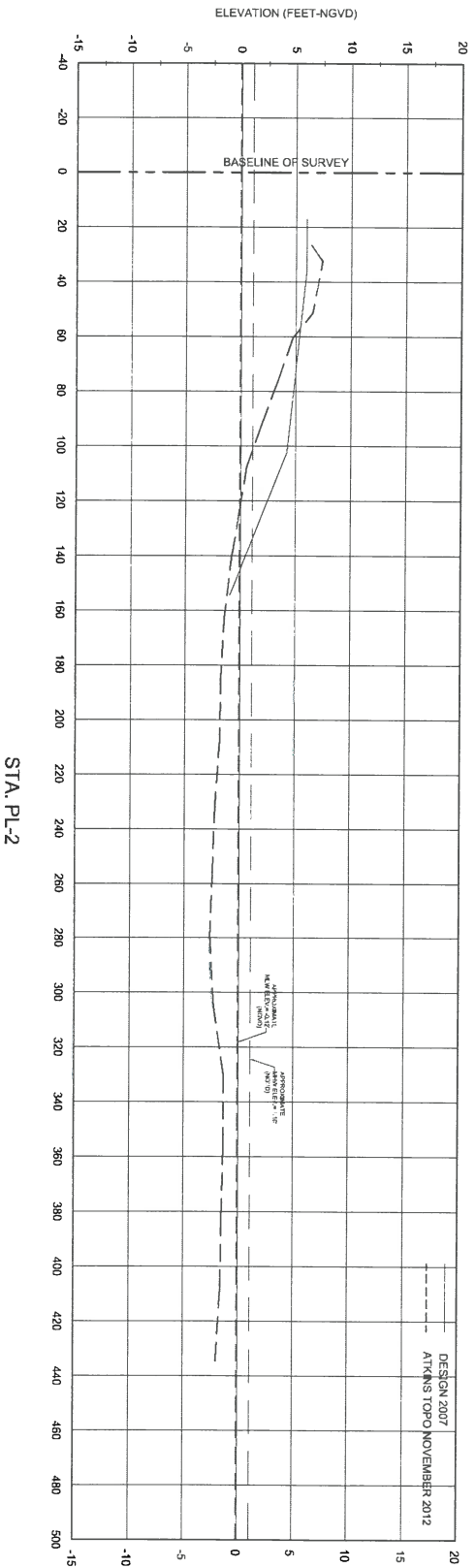


JOB NO. 1000 0000 0000
DRAWN _____ 2002
DESIGNED _____ ECF
CHECKED _____ JWB
QC _____ JWB
F.R. 1506, P.O. 24
SHEET: 3 OF 13
04-08-23

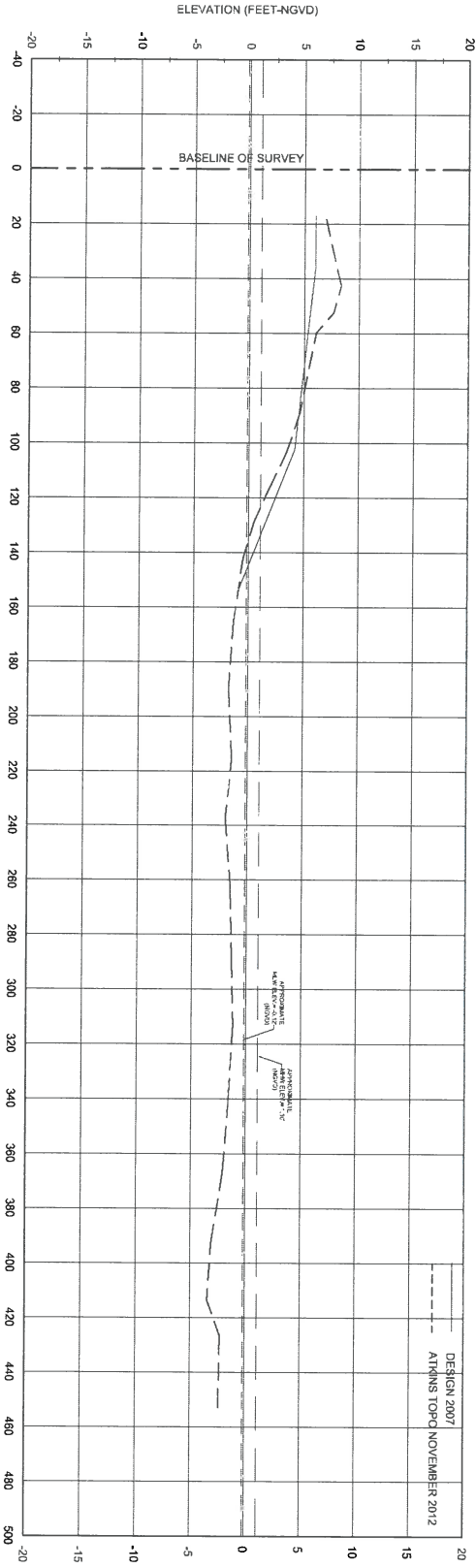
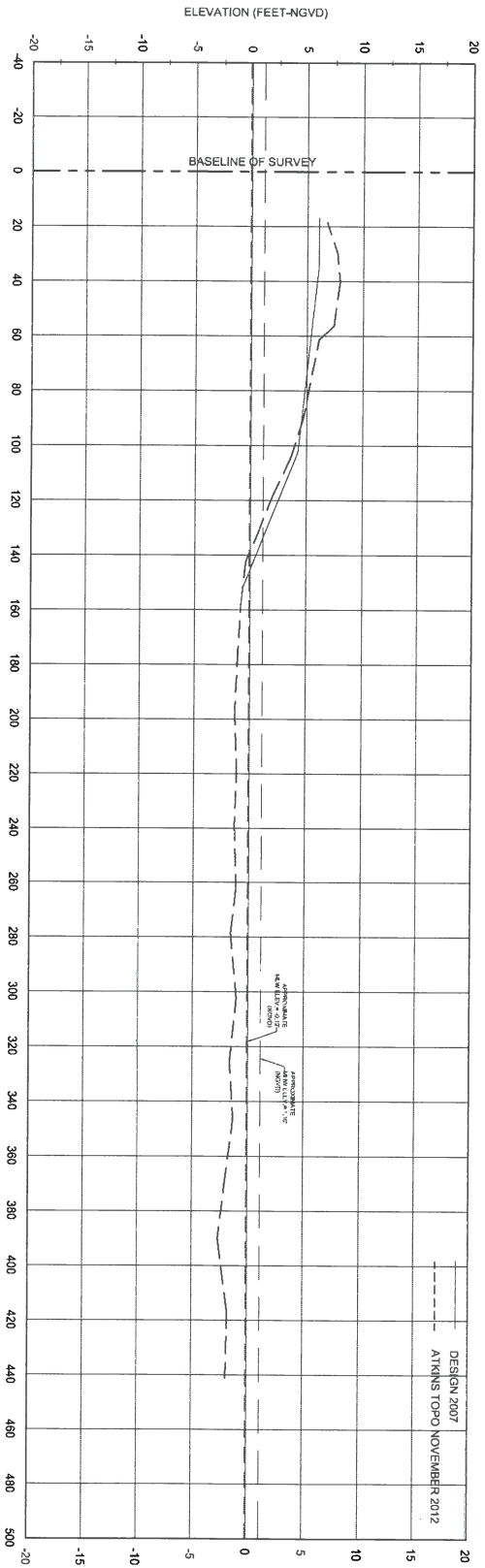


NOT A FIELD BOUNDARY SURVEY

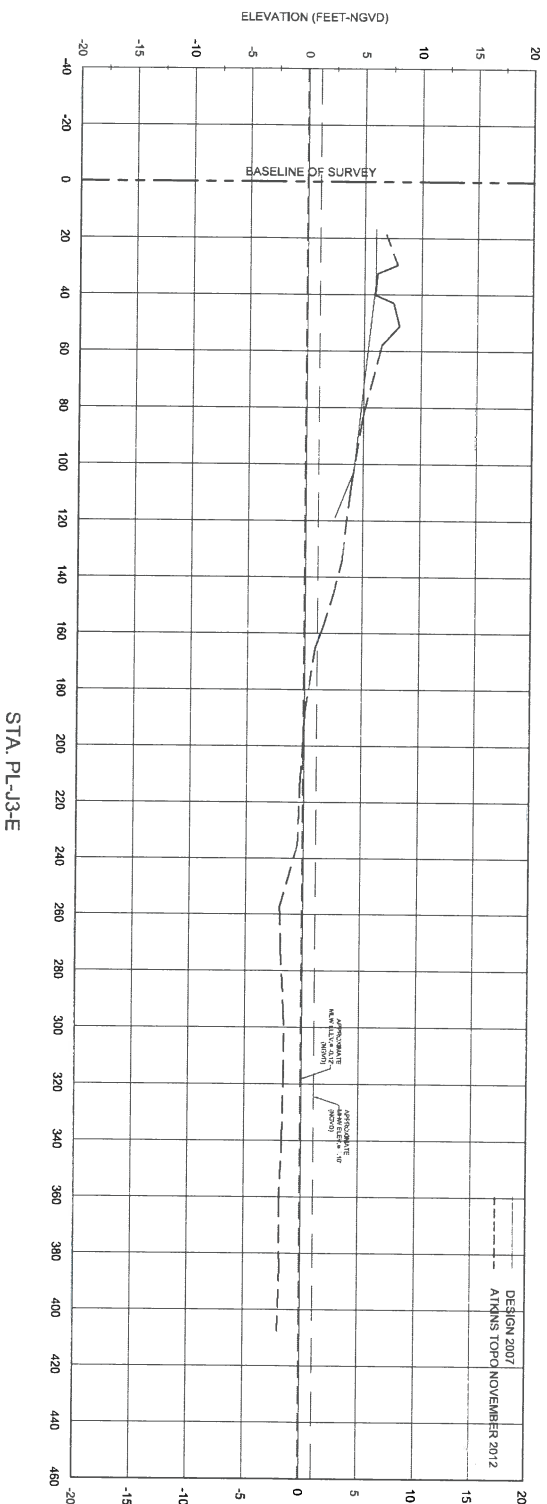
JOB NO. 1000-0814-0101
DRAWN _____ 2/02
DESIGNED _____ 2/02
CHECKED _____ 3/00
QC _____ 3/00
F.I. 1006 P3, 34
SHEET: 4 OF 13



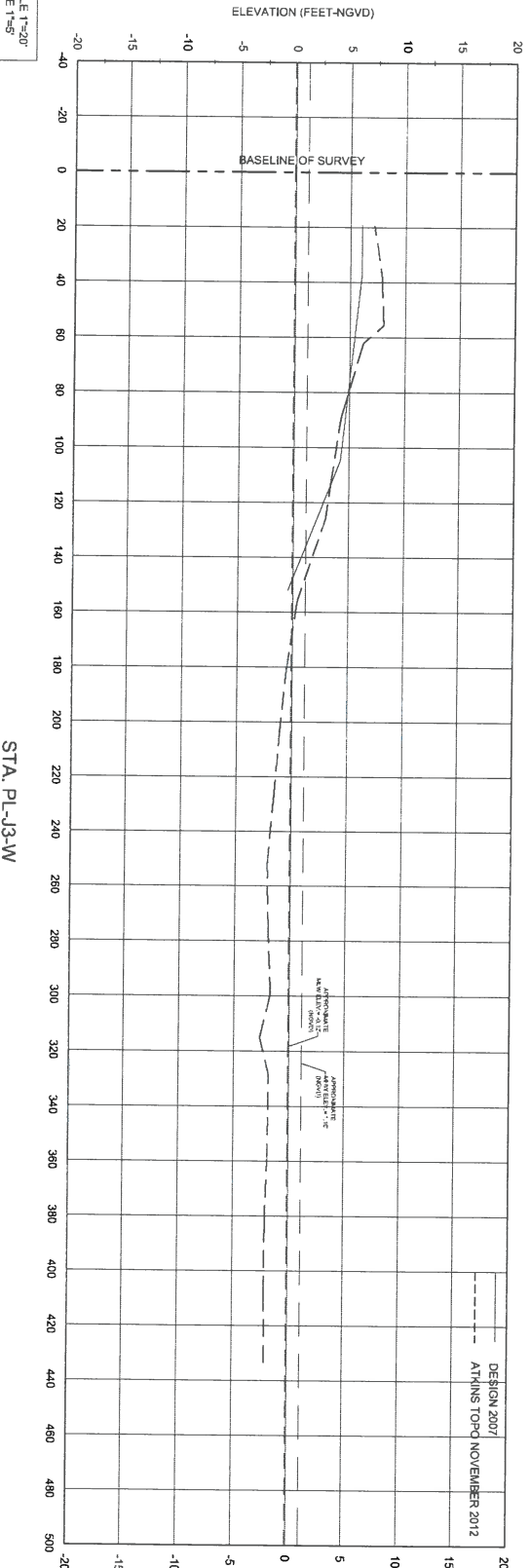
HORIZONTAL SCALE 1"=20'	
VERTICAL SCALE 1"=5'	
NOT A FIELD BOUNDARY SURVEY	
THIS SURVEY IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT TO BE USED FOR ANY OTHER PURPOSE.	
ATKINS NORTH AMERICA, INC.	
3317 N.W. 107th Ave.	
Miami, FL 33177-5572	
(305) 592-7272	
FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER LB24	
CLIENT	CITY OF KEY WEST FLORIDA
PROJECT	SMATHERS BEACH RENOURISHMENT MONITORING KEY WEST, FLORIDA
TASK	NOVEMBER 2012 HYDROGRAPHIC SURVEY AND HIGH WATER LINE
ORIGINAL	REVISIONS:
1. ORIGINAL, 11/1/2012	6. _____
2. 2007 DESIGN, 11/1/2012	7. _____
3. 2007 DESIGN, 11/1/2012	8. _____
4. _____	9. _____
5. _____	10. _____
	11. _____
	12. _____
JOB NO. 1000000001	DRAWN BY: JAZ
	CHECKED BY: JAZ
	DATE: 11/1/2012
	SHEET: 5 OF 13



HORIZONTAL SCALE 1"=20'	
VERTICAL SCALE 1"=5'	
ATKINS NORTH AMERICA, INC. FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER LB24	
2001 N.W. 10TH AVE. SUITE 200 FORT LAUDERDALE, FL 33179-2407 (407) 994-7719	
CLIENT	CITY OF KEY WEST FLORIDA
PROJECT	SMATHERS BEACH RENOURISHMENT MONITORING KEY WEST, FLORIDA
TASK	NOVEMBER 2012 HYDROGRAPHIC SURVEY AND HIGH WATER LINE
ORIGINAL	6-11-2012
REVISIONS:	7-11-2012
1. DESIGN, 11-1-2012	8-11-2012
2. DESIGN, 11-1-2012	9-11-2012
3. DESIGN, 11-1-2012	10-11-2012
4. DESIGN, 11-1-2012	11-11-2012
5. DESIGN, 11-1-2012	12-11-2012
JOB NO. 1000000000	DESIGNED 3-2-12
DRAWN 3-2-12	CHECKED 3-2-12
DATE 3-2-12	SHEET 6 OF 13



STA. PL-J3-E



STA. PL-J3-W

ATKINS
2001 N.W. 107TH AVE
FORT MYERS, FL 33913
(309) 392-1775
FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER LB24



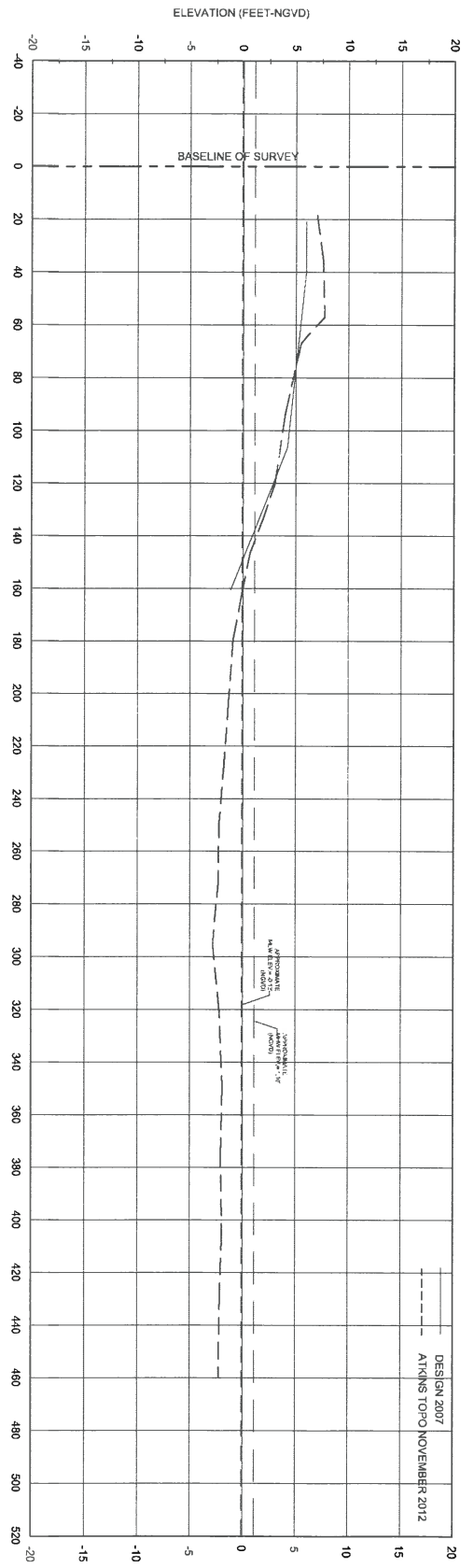
CLIENT
CITY OF KEY WEST
FLORIDA

PROJECT
SMATHERS BEACH
RENOURISHMENT MONITORING
KEY WEST, FLORIDA

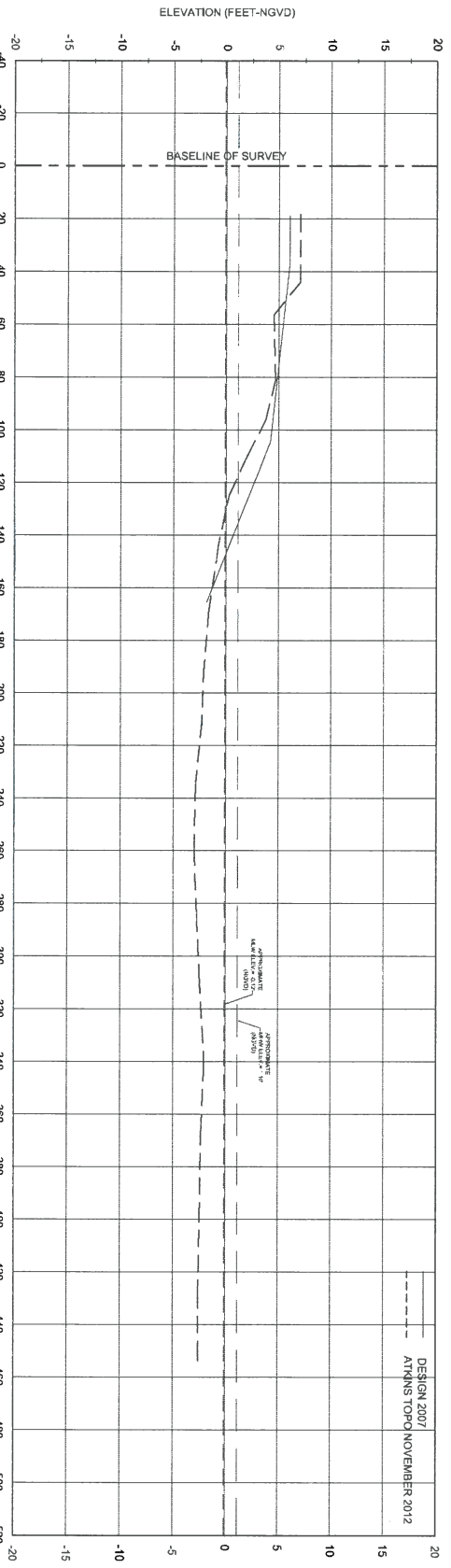
TASK
NOVEMBER 2012
HYDROGRAPHIC SURVEY
AND HIGH WATER LINE

ORIGINAL:	DATE:
1. DESIGN	8/1/12
2. FIELD DATA	8/1/12
3. DESIGN	8/1/12
4. DESIGN	8/1/12
5. DESIGN	8/1/12

JOB NO. 129031-013
DRAWN J.E.C.
CHECKED J.E.C.
QC J.E.C.
DATE 8/1/12
SHEET 7 OF 13



STA. PL-4



STA. PL-4.5

HORIZONTAL SCALE 1"=20'
VERTICAL SCALE 1"=5'

ATKINS
2001 N.W. 10TH AVE
MIAMI, FL 33136
(305) 592-7775
FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER LB24



CLIENT
CITY OF KEY WEST
FLORIDA

PROJECT
SMATHERS BEACH
RENOURISHMENT MONITORING
KEY WEST, FLORIDA

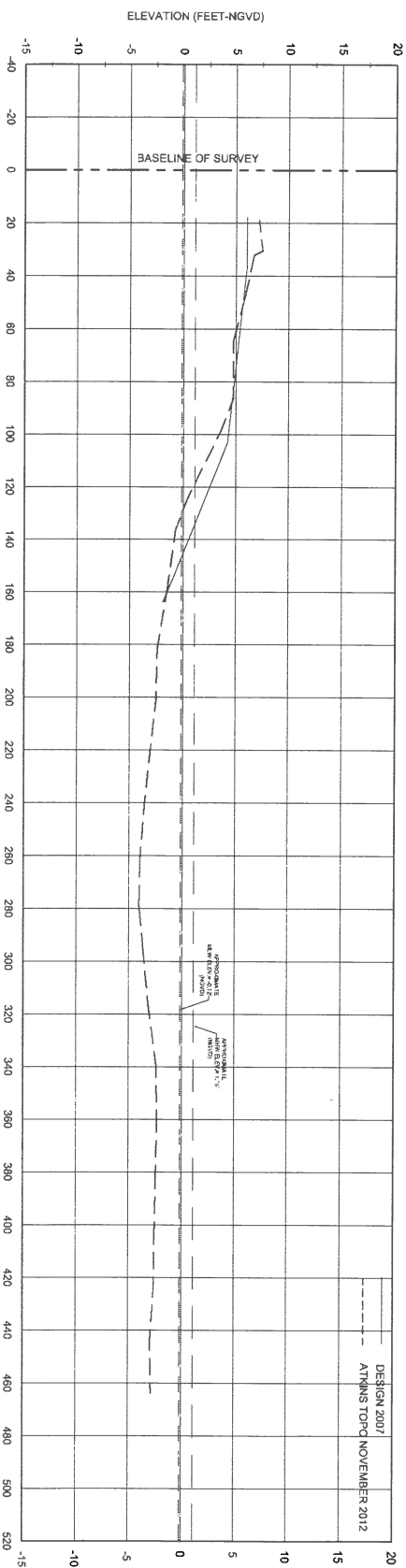
TASK
NOVEMBER 2012
HYDROGRAPHIC SURVEY
AND HIGH WATER LINE

ORIGINAL	REVISIONS
1. ORIGINAL	7. _____
2. _____	8. _____
3. _____	9. _____
4. _____	10. _____
5. _____	11. _____
	12. _____

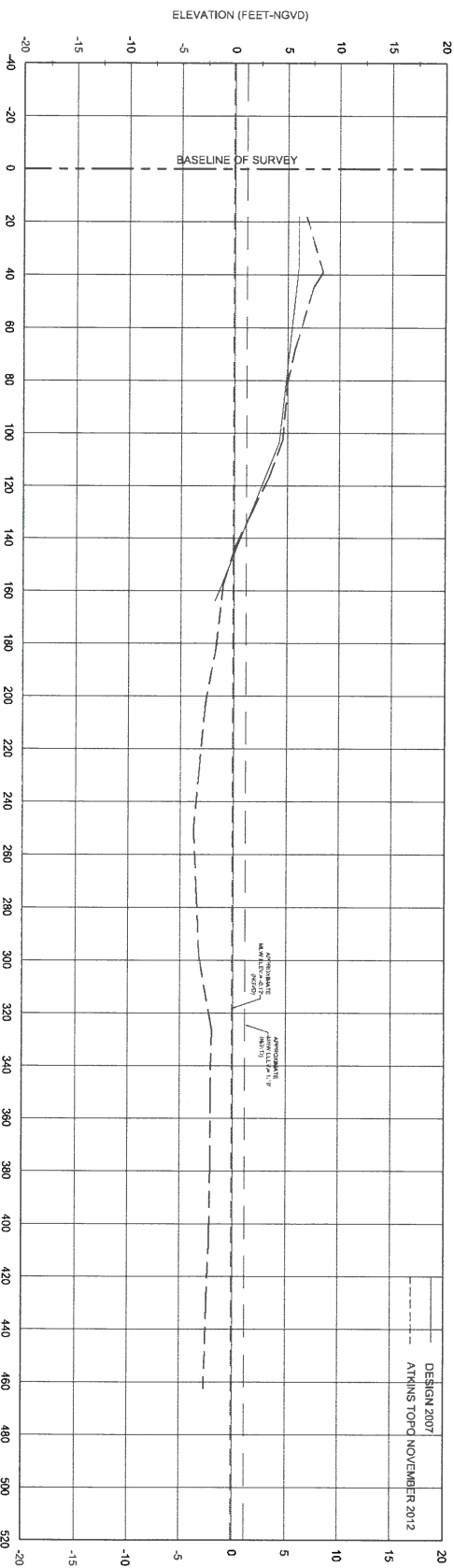
JOB NO.	DRAWN	DATE
1000000000	_____	_____
DESIGNED	_____	_____
CHECKED	_____	_____
DATE	_____	_____

SHEET: 8 OF 13

NOT A FIELD DOCUMENT DRAWING
This drawing is a design drawing and is not to be used for construction.
It is the responsibility of the user to verify the accuracy of the data and the design.



STA. PL-5



STA. PL-5.5

HORIZONTAL SCALE 1"=20'
VERTICAL SCALE 1"=5'

ATKINS

2001 N.W. 107th Ave.
Miami, FL 33157
(305) 869-2725

ATKINS NORTH AMERICA, INC.
FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER LB24



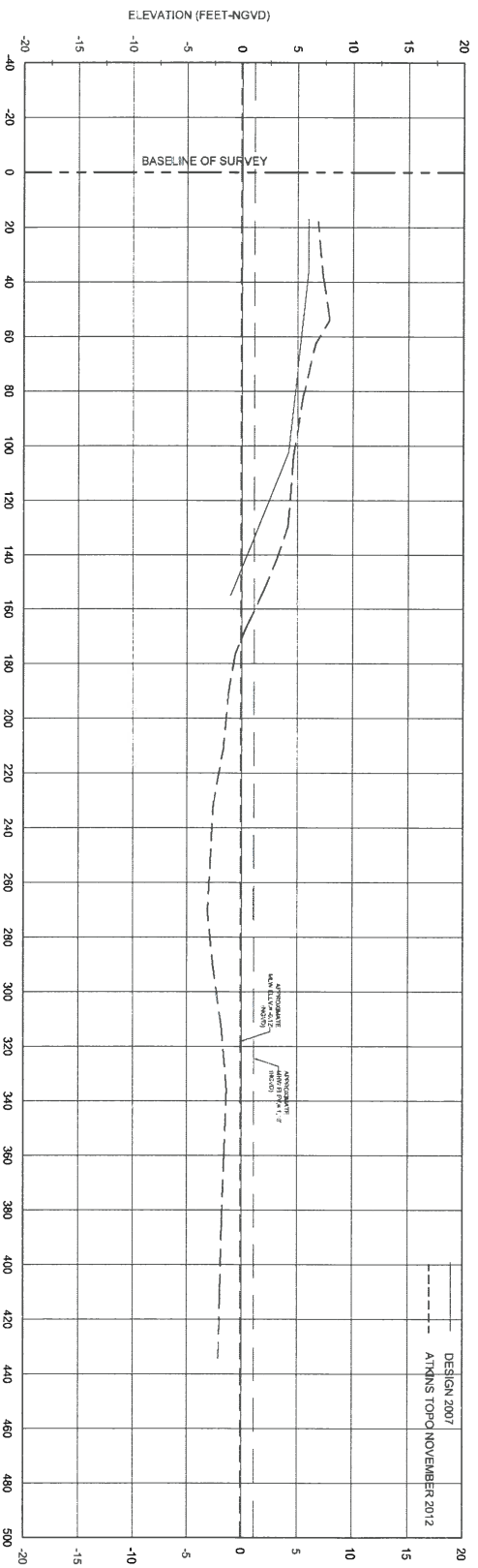
CLIENT
CITY OF KEY WEST
FLORIDA

PROJECT
SMATHERS BEACH
RENOURISHMENT MONITORING
KEY WEST, FLORIDA

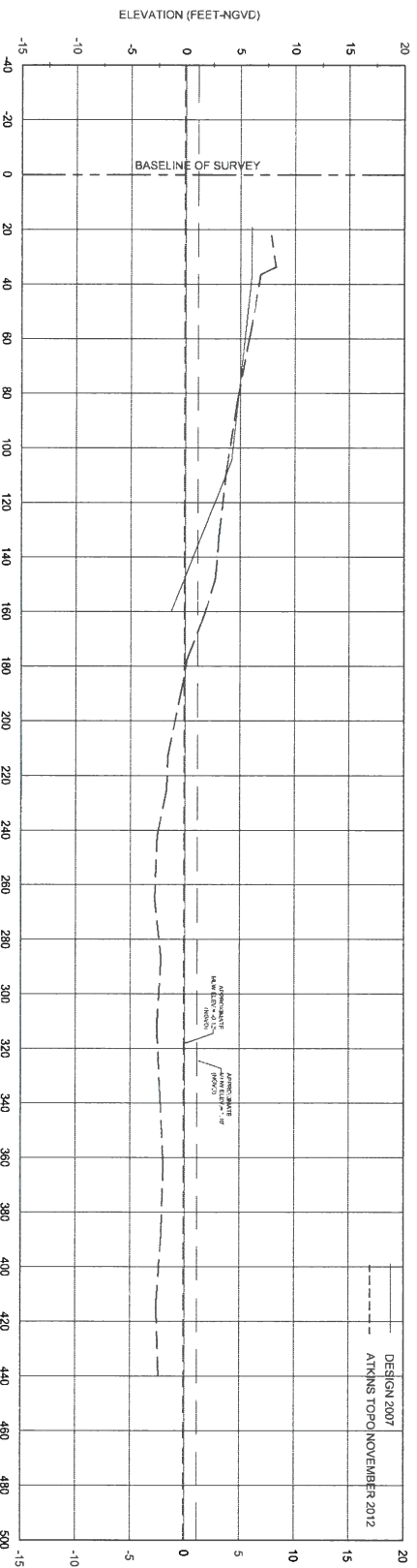
TASK
NOVEMBER 2012
HYDROGRAPHIC SURVEY
AND HIGH WATER LINE

ORIGINAL:	6
REVISIONS:	7
1. SUBMITTAL, 10/10/12	8
2. CORRECTION, 10/10/12	9
3. CORRECTION, 10/10/12	10
4. CORRECTION, 10/10/12	11
5. CORRECTION, 10/10/12	12
JOB NO. 102-100000	DRAWN: J.L.S.
DESIGNED: J.L.S.	CHECKED: J.L.S.
DATE: 10/10/12	SCALE: AS SHOWN
SHEET: 9 OF 13	

NOT A FIELD BOUNDARY SURVEY
THIS SURVEY IS FOR INFORMATIONAL PURPOSES ONLY
AND DOES NOT CONSTITUTE A GUARANTEE OF ACCURACY
OR A WARRANTY OF ANY KIND.



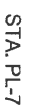
STA. PL-6



STA. PL-2-CL

ATKINS 2001 N.W. 10TH AVE SUITE 200 FORT LAUDERDALE, FL 33304 (954) 592-7275 FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER LB24		CLIENT CITY OF KEY WEST FLORIDA		PROJECT SMATHERS BEACH RENOURISHMENT MONITORING KEY WEST, FLORIDA		TASK NOVEMBER 2012 HYDROGRAPHIC SURVEY AND HIGH WATER LINE		ORIGINAL REVISIONS 1. DESIGN 2007 2. DESIGN 2007 3. DESIGN 2007 4. DESIGN 2007 5. DESIGN 2007 6. DESIGN 2007 7. DESIGN 2007 8. DESIGN 2007 9. DESIGN 2007 10. DESIGN 2007 11. DESIGN 2007 12. DESIGN 2007		JOB NO. 1000000000 DRAWN BY: [blank] CHECKED BY: [blank] QC: [blank] SHEET: 10 OF 13	
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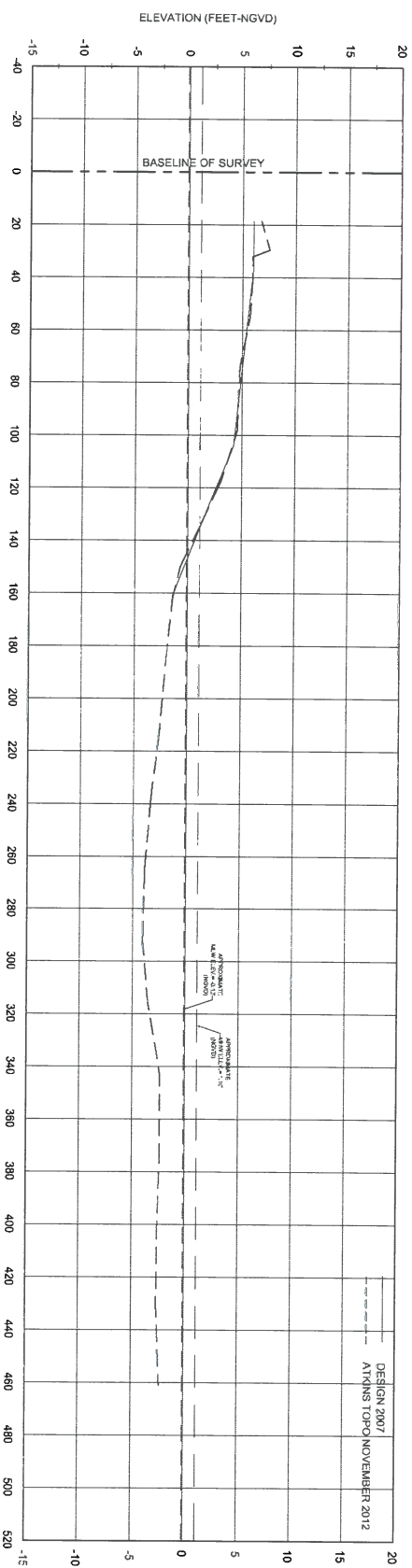




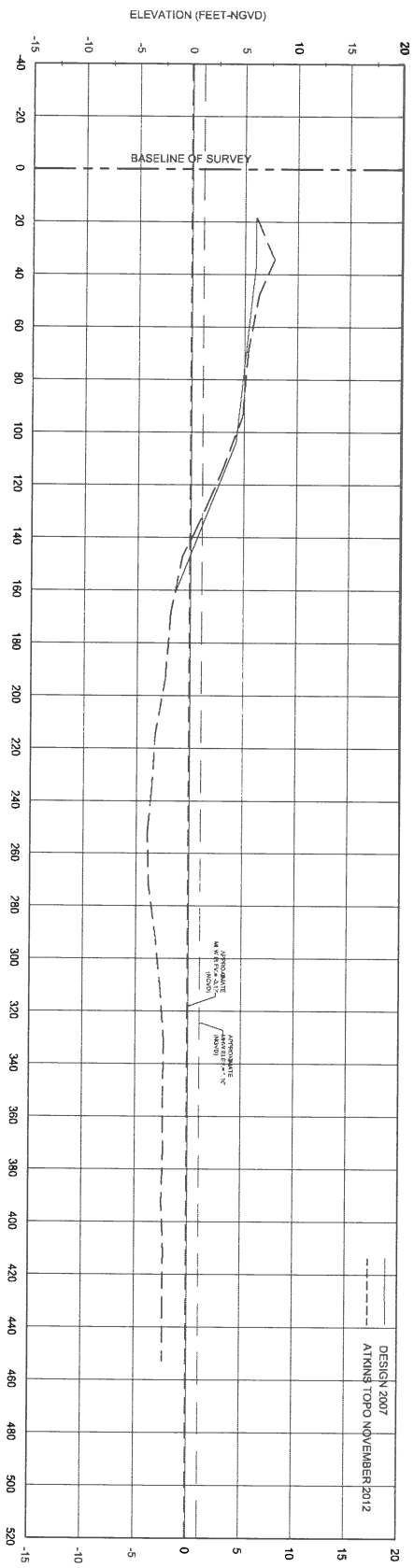
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JOB NO. 100-264-02-11
DRAWN 202
DESIGNED 222
CHECKED 300
QC 300
FBI, 1006 Pg. 24
SHEET: 11 OF 13

US Army Corps of Engineers, SAJ-1998-01677
July 11, 2017, Page 11 of 13

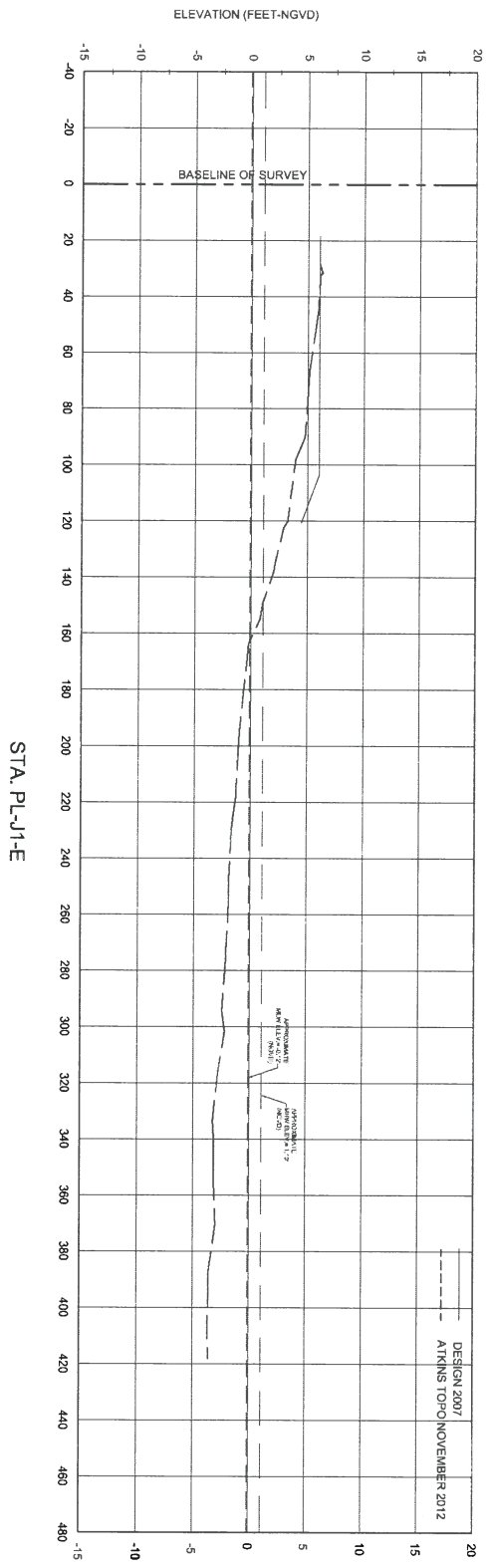
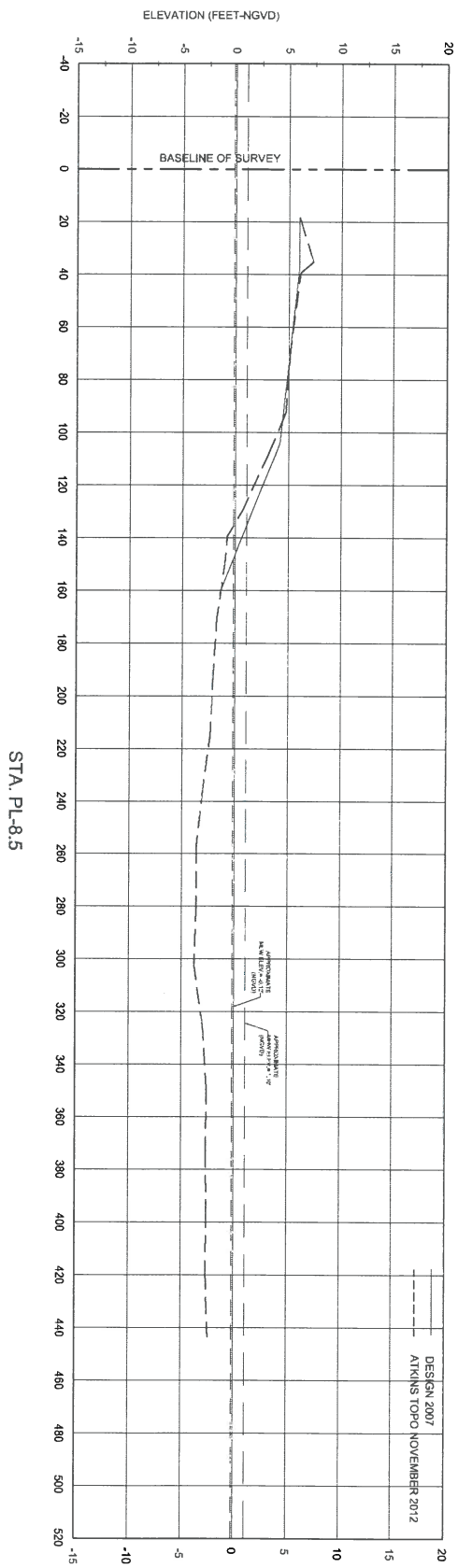


STA. PL-7.5



STA. PL-8

HORIZONTAL SCALE 1"=20' VERTICAL SCALE 1"=5'	
ATKINS 2001 N.W. 107th AVE FORT LAUDERDALE, FL 33172-2907 (305) 992-1775	
	
CLIENT CITY OF KEY WEST FLORIDA	PROJECT SMATHERS BEACH RENOURISHMENT MONITORING KEY WEST, FLORIDA
TASK NOVEMBER 2012 HYDROGRAPHIC SURVEY AND HIGH WATER LINE	
ORIGINAL 1. DESIGN 2007 2. CHECKED BY: J. J. JONES 3. CHECKED BY: J. J. JONES 4. CHECKED BY: J. J. JONES 5. CHECKED BY: J. J. JONES	REVISIONS 6. 7. 8. 9. 10. 11. 12.
JOB NO. 108362513 DRAWN: J. J. JONES DESIGNED: J. J. JONES CHECKED: J. J. JONES DATE: 05/14/2012 SHEET: 12 OF 13	



HORIZONTAL SCALE 1"=20'
VERTICAL SCALE 1"=5'

ATKINS
2001 N.W. 107th Ave.
Miami, FL 33176-2807
(305) 595-1239



CLIENT
CITY OF KEY WEST
FLORIDA

PROJECT
SMATHERS BEACH
RENOURISHMENT MONITORING
KEY WEST, FLORIDA

TASK
NOVEMBER 2012
HYDROGRAPHIC SURVEY
AND HIGH WATER LINE

ORIGINAL:	6.
1. SUBMITTAL 11/3/12	7.
2. CHECKED BY 12/3/12	8.
3. CHECKED BY 12/3/12	9.
4. CHECKED BY 12/3/12	10.
5. CHECKED BY 12/3/12	11.
	12.

JOB NO. 108-003-013
DRAWN 7/22
CHECKED 7/22
QC 7/22
SHEET 13 OF 13

NOT A FIELD BOUNDARY SURVEY
This drawing is not a field boundary survey.
It is a planimetric drawing of a boundary.