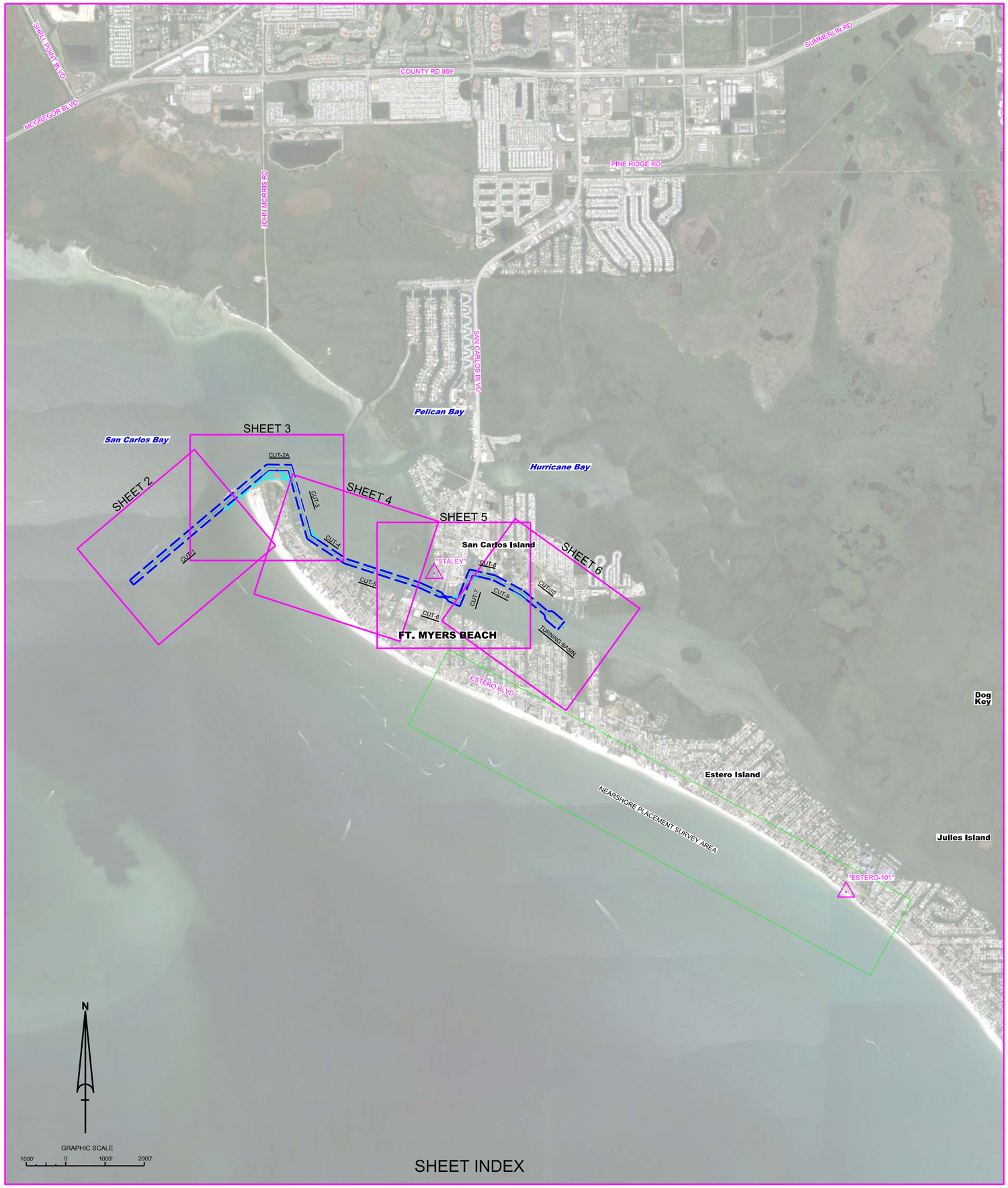
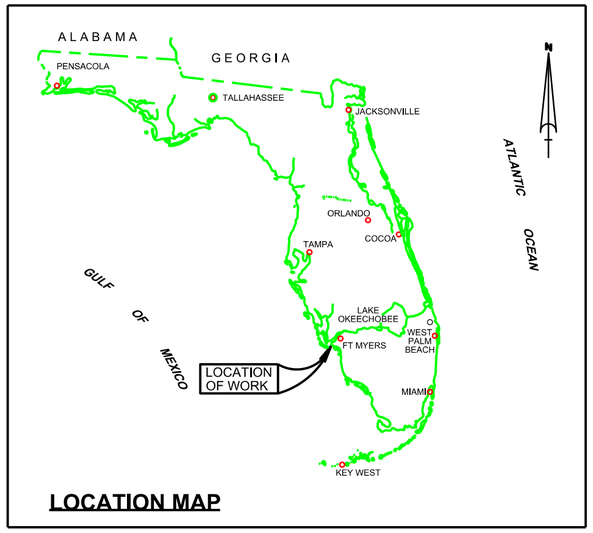




FORT MYERS BEACH HARBOR
LEE COUNTY, FLORIDA
PROJECT CONDITION SURVEY FY15
11 & 12-FOOT PROJECT

SURVEY NOTES

1. REFER TO SURVEY NO. 15-102.
2. DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MEAN LOWER LOW WATER (MLLW) OF THE 1983-2001 TIDAL EPOCH, AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). NOAA'S VDATUM MODEL WAS USED AND CALIBRATED TO THE PUBLISHED MLLW HEIGHTS OF THE BENCH MARKS ASSOCIATED WITH THE TIDE GAGE SITE SPECIFIED BELOW:

   NOAA TIDAL STATION 872-5366 (PID: AD1372) ALL CUTS.
3. TIDAL REDUCTIONS WERE OBTAINED UTILIZING A REAL-TIME KINEMATIC (RTK) GPS AND REFERENCED TO MLLW UTILIZING A HYPACK KINEMATIC TIDE DATUM (KTD) MODEL. KTD FILE NAME IS: "SPC-FL-WEST-2010-12-07.KTD".
4. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEEDED BY A (+) SIGN.
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE WEST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
6. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
7. THIS SURVEY WAS PERFORMED USING REAL-TIME KINEMATIC (RTK) GPS FOR POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATIONS:

   REFERENCE BASE LOCATED AT "STALEY" (PID: BBCJ30)

   REFERENCE BASE LOCATED AT "ESTERO-101" (PID: BBDV83"

   VERTICAL MEASUREMENTS WERE MADE USING AN EDGETECH 6205 COMBINATION SIDESCAN AND MULTI-BEAM. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
SB-48	28-29 APR 2015	1-10. TURNING BASIN
SB-48	03 MAY 2015	NEARSHORE BEACH
TOPOGRAPHIC	20 APR - 03 MAY 2015	NEARSHORE BEACH

8. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
9. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED ABOVE AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME. THIS CHART IS SOLELY FOR THE DISTRIBUTION OF AVAILABLE DEPTHS AT THE TIME OF THE SURVEY.
10. SURVEY ACCURACY PERFORMANCE STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 1110-2-1003, HYDROGRAPHIC SURVEYING, 30 NOV 13.

LEGEND	
△	MONUMENT
	LIGHTED BEACON
■	GREEN DAYBEACON
▲	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
C	CAN BUOY
N	NUN BUOY
	TIDE STAFF
8	PROJECT DEPTH

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

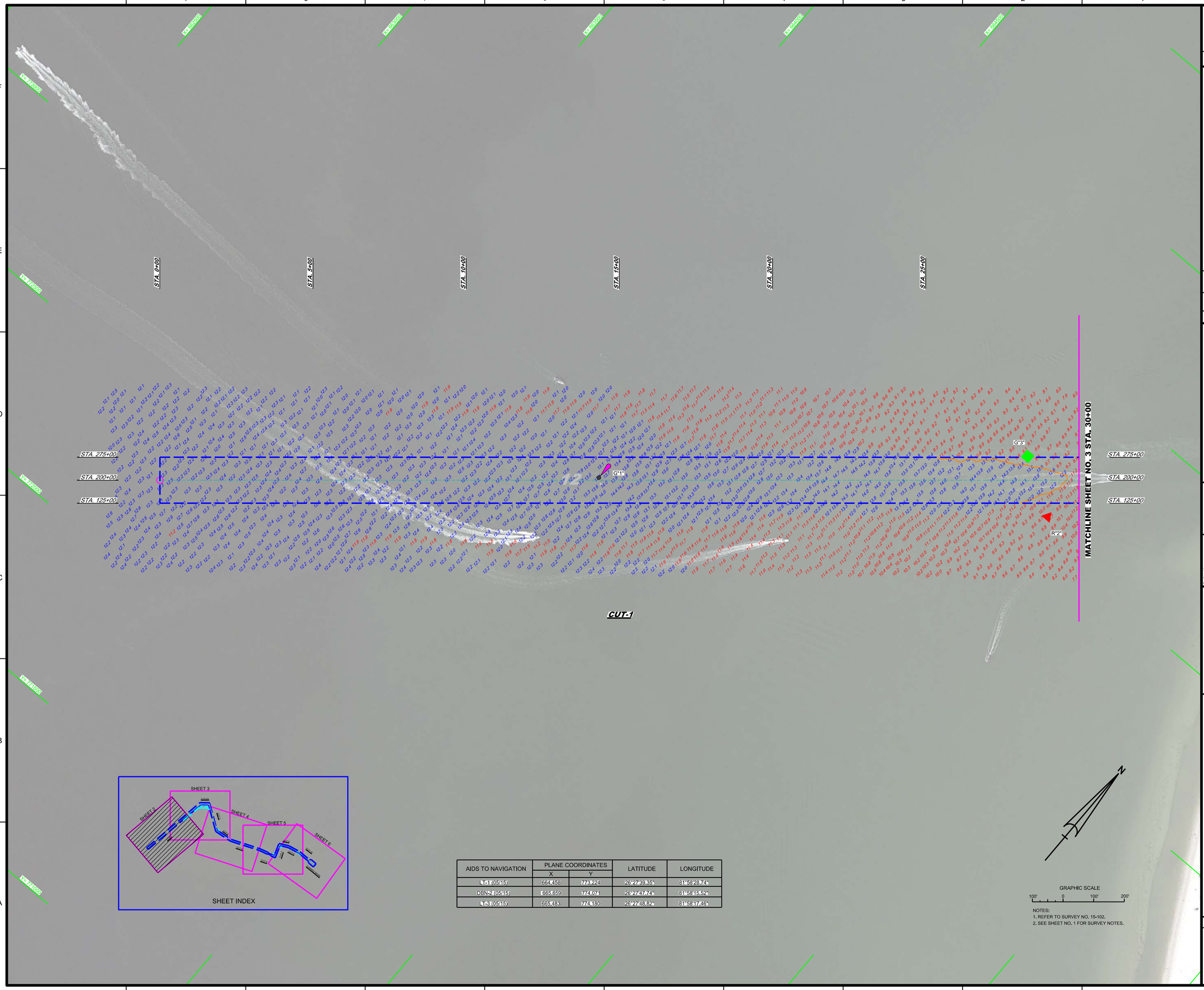
Designed by: VIRM
Drawn by: VIRM
Chd by: GR
Rev. No. V9123EP-XX-XX-XXXX
Date: MAY 2015

FORT MYERS BEACH HARBOR
LEE COUNTY, FLORIDA
PROJECT CONDITION SURVEY FY15
11 & 12-FFOT PROJECT
INDEX, LOCATION AND VICINITY
MAP

Scale: AS SHOWN

Drawing no.
1

SHEET 01 OF 06



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-1 (05/15)	664.458	773.224	26°27'39.35"	81°58'28.74"
DBN-2 (05/15)	665.659	774.071	26°27'47.74"	81°58'15.52"
LT-3 (05/15)	665.483	774.180	26°27'48.82"	81°58'17.46"

NOTES:
1. REFER TO SURVEY NO. 15-102.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Designed by: WRM
Dwn by: WRM
Ckd by: GR
Inv. No. W912EP-XX-X-XXXX
Dated: MAY 2015

XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
15-102-V-NAV.DGN
15-102-V-CON12.DGN
15-102-V-SOUN_C1.DGN
FT MYERS-CHAN83(90)HNTERIM.DGN
15-102-C-BS-BRDR.DGN
Reference files:
15-102-VH-SH02.DGN
File name:

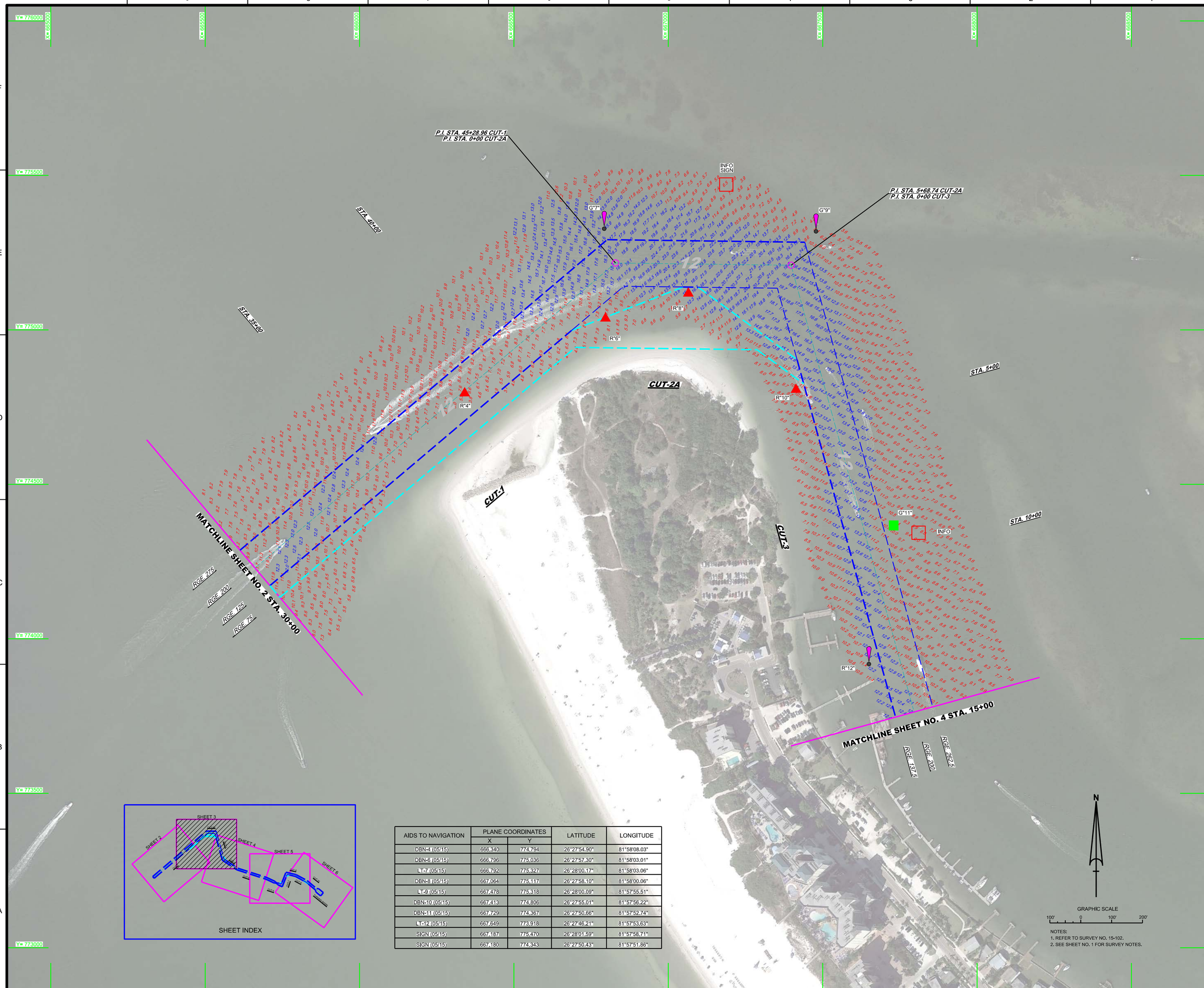
FORT MYERS BEACH HARBOR
LEE COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY15
11 & 12-FFOT PROJECT
STA. 0+00 THRU STA. 30+00 CUT-1
PLAN

Scale: AS SHOWN

Drawing no.
2

SHEET 02 OF 06



SHEET INDEX

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-4 (05/15)	666,340	774,794	26°27'54.90"	81°58'08.03"
DBN-6 (05/15)	666,796	775,036	26°27'57.30"	81°58'03.01"
LT-7 (05/15)	666,792	775,327	26°28'00.17"	81°58'03.06"
DBN-8 (05/15)	667,064	775,117	26°27'58.10"	81°58'00.06"
LT-9 (05/15)	667,478	775,318	26°28'00.09"	81°57'55.51"
DBN-10 (05/15)	667,413	774,806	26°27'55.01"	81°57'56.22"
DBN-11 (05/15)	667,729	774,367	26°27'50.66"	81°57'52.74"
LT-12 (05/15)	667,649	773,918	26°27'46.21"	81°57'53.63"
SIGN (05/15)	667,187	775,470	26°28'01.59"	81°57'58.71"
SIGN (05/15)	667,180	774,343	26°27'50.43"	81°57'51.86"

NOTES:
1. REFER TO SURVEY NO. 15-102.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Designed by: WRM
Dwn by: WRM
Ckd by: GR
Inv. No. W912EP-XX-X-XXXX
Dated: DD MMM YYYY

Reference files:
XXXXXXXX-X-XXXXXXX.DGN
15-102-V-NAV.DGN
15-102-V-CON12.DGN
15-102-V-SOUN_C3.DGN
15-102-V-SOUN_C2A.DGN
15-102-V-SOUN_C1.DGN
FT MYERS-CHAN83(90)-INTERIM.DGN
14-101-G-BS-BRDR.DGN
File name: 15-102-VH-SH03.DGN

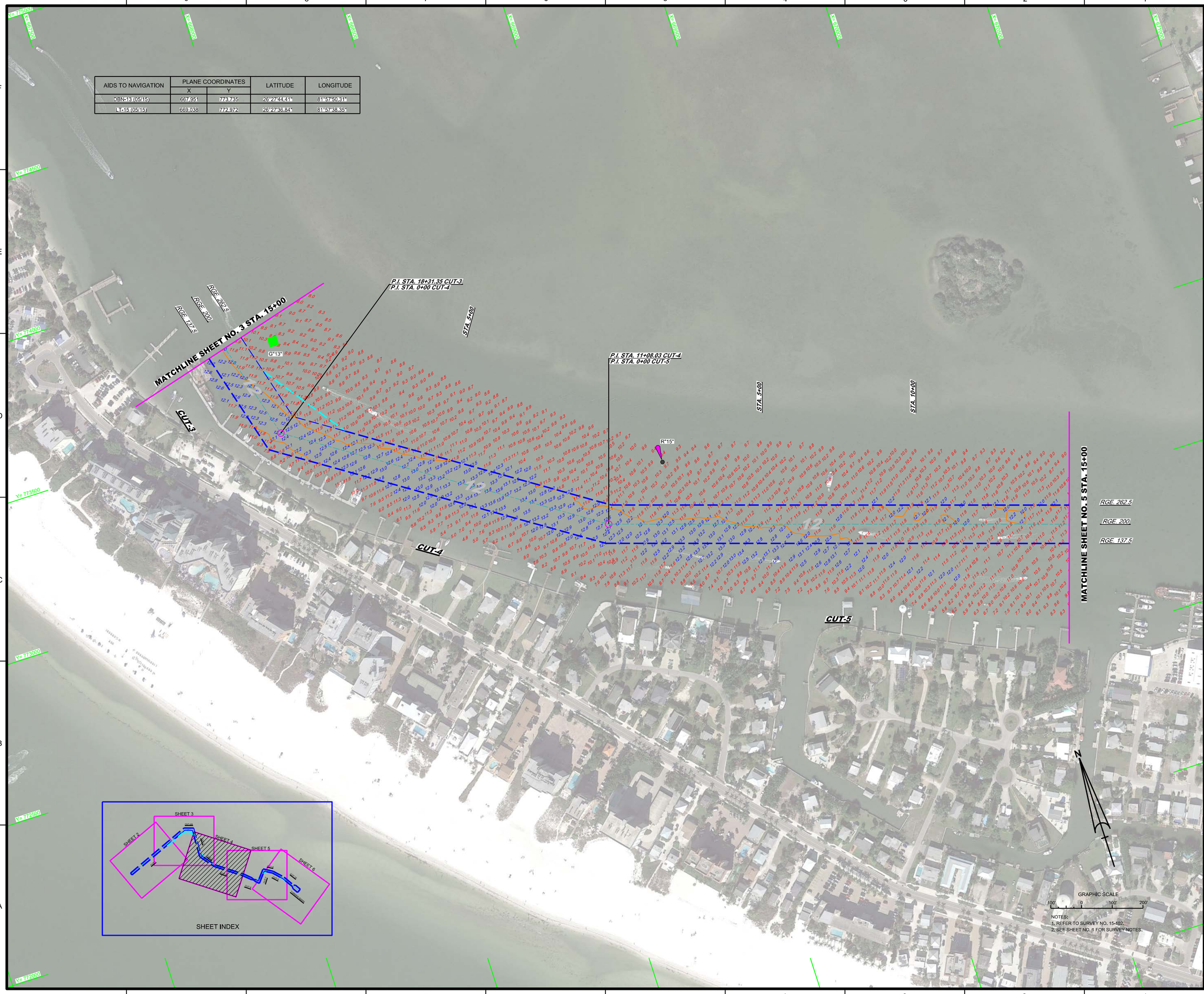
FORT MYERS BEACH HARBOR
LEE COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY14
11 & 12-FFOT PROJECT
STA. 30+00 CUT-1 THRU STA. 15+00 CUT-3
PLAN

Scale: AS SHOWN

Drawing no.
3

SHEET 03 OF 06



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-13 (05/15)	667,951	773,735	26°27'44.41"	81°57'50.31"
LT-15 (05/15)	669,038	772,972	26°27'36.84"	81°57'38.35"

NOTES:
1. REFER TO SURVEY NO. 15-102.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Designed by: WRM
DWN by: WRM
Ckd by: GR
Inv. No. W912EP-XX-X-XXXX
Dated: MAY 2015

Reference files:
XXXXXXXX-X-XXXXXX.DGN
15-102-V-NAV.DGN
15-102-V-CON12.DGN
15-102-V-SOUN_C5.DGN
15-102-V-SOUN_C4.DGN
15-102-V-SOUN_C3.DGN
FT MYERS-CHAN83(90)-INTERIM.DGN
15-102-C-BS-BRDR.DGN

File name: 15-102-VH-SH04.DGN

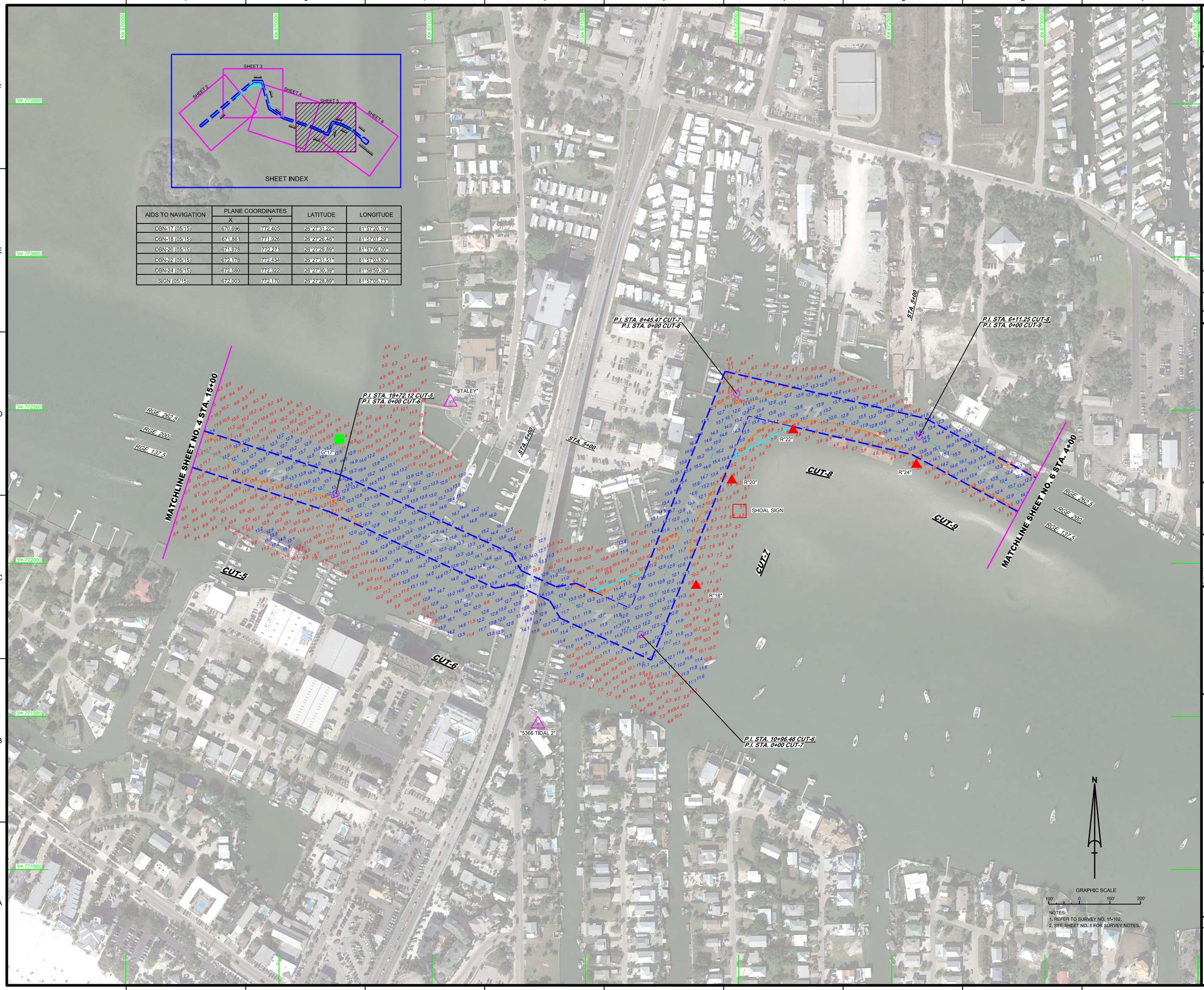
FORT MYERS BEACH HARBOR
LEE COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY15
11 & 12-FFOT PROJECT
STA. 15+00 CUT-3 THRU STA. 15+00 CUT-5
PLAN

Scale: AS SHOWN

Drawing no.
4

SHEET 04 OF 06



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-17 (05/15)	670,696	772,405	26°27'31.22"	81°57'20.10"
DBN-18 (05/15)	671,861	771,926	26°27'26.48"	81°57'07.29"
DBN-20 (05/15)	671,978	772,271	26°27'29.89"	81°57'06.00"
DBN-22 (05/15)	672,178	772,434	26°27'31.51"	81°57'03.80"
DBN-24 (05/15)	672,580	772,322	26°27'30.39"	81°56'59.38"
SIGN (05/15)	672,003	772,170	26°27'28.89"	81°57'05.73"

NOTES:
1. REFER TO SURVEY NO. 15-102.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Designed by: WRM
DWN by: WRM
CKD by: GR
Rev. No.: V01?SEP-XX-X-XXXX
Date: MAY 2015

15-102-CON-12.DGN
15-102-A-SOUN_C6.DGN
15-102-A-SOUN_C8.DGN
15-102-A-SOUN_C9.DGN
15-102-A-SOUN_C7.DGN
15-102-A-SOUN_C5.DGN
15-102-A-SOUN_C6.DGN
FT MYERS-CHN363(90)HNTERIM.DGN
15-102-C-BP-BRDR.DGN
Reference files
15-102-VHS-SHX5.DGN
File name:

FORT MYERS BEACH HARBOR
LEE COUNTY, FLORIDA

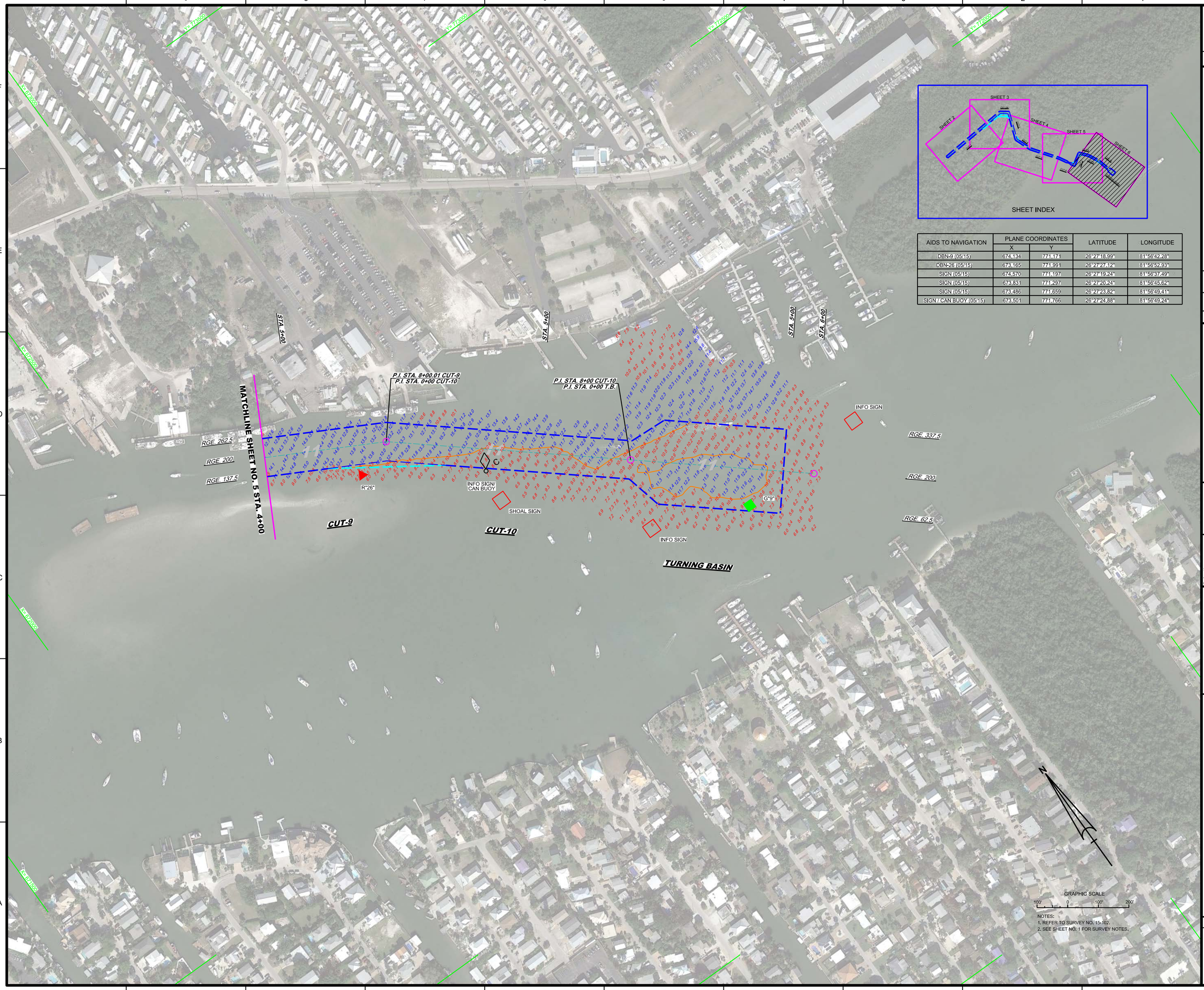
PROJECT CONDITION SURVEY FY15
11 & 12-FFOT PROJECT
STA. 15+00 CUT-5 THRU STA. 4+00 CUT-9

PLAN

Scale: AS SHOWN

Drawing no.
5

SHEET 05 OF 06



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-9 (05/15)	674,134	771,171	26°27'18.99"	81°56'42.28"
DBN-26 (05/15)	673,165	771,991	26°27'27.12"	81°56'52.93"
SIGN (05/15)	674,570	771,197	26°27'19.24"	81°56'37.49"
SIGN (05/15)	673,831	771,297	26°27'20.24"	81°56'45.62"
SIGN (05/15)	673,486	771,659	26°27'23.82"	81°56'49.41"
SIGN / CAN BUOY (05/15)	673,501	771,766	26°27'24.88"	81°56'49.24"

NOTES:
1. REFER TO SURVEY NO. 15-102.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Cad by: GR
Designed by: WRM
DWN by: WRM
Rev. No.: W912EP-XX-X-XXXX
Date: MAY 2015

XX-XX-XX-X-X-X-XXXX.DGN
15-102A-MAN-XXXX.DGN
15-102A-VICCONT1.DGN
15-102A-SOUN_TB.DGN
15-102A-SOUN_CUT-09.DGN
15-102A-SOUN_CUT-10.DGN
FT MYERS-CHAN(8)(9)-INTERIM.DGN
15-102-CABS-BRDR.DGN
Reference files:
15-102-VH-SH06.DGN
File name:

FORT MYERS BEACH HARBOR
LEE COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY15
11 & 12-FFOT PROJECT

STA. 4+00 CUT-9 THRU STA 8+00 TURNING BASIN

PLAN

Scale: AS SHOWN

Drawing no.

6

SHEET 06 OF 06