

ST. PETERSBURG HARBOR PINELLAS COUNTY, FLORIDA POST-HURRICANE HERMINE EXAMINATION SURVEY FY17 12 TO 24-FOOT PROJECT

- SURVEY NOTES**
- REFER TO SURVEY NO. 17-026.
 - SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) OF THE 1983-2001 TIDAL EPOCH.
 - 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".
 - ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
 - PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE WEST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983, REALIZATION OF 2007 (NAD83(2007)).
 - ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
 - THIS SURVEY WAS PERFORMED USING REAL-TIME KINEMATIC (RTK) GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATIONS:
REFERENCE BASE LOCATED AT "DILLMAN" (COE PID: ACI970)
TIDE MEASURE DOWN POINT LOCATED AT "EDD-60" (PID: AG5298)
 - DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MLLW, TIDAL EPOCH 1983-2001 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 BENCHMARKS ASSOCIATED WITH THE TIDE GAGE SITE SPECIFIED BELOW:
NOAA TIDAL STATION 872-6520, ST. PETERSBURG, TAMPA BAY FOR ALL CUTS
 - VERTICAL MEASUREMENTS WERE MADE USING A ROSS MODEL 835C SMART-SOUNDER WITH A DUAL-FREQUENCY 28/200 KHZ SINGLE-BEAM TRANSDUCER, AN EDGETECH 6205 OPERATING AT 550/900 KHZ, AND A R25SONIC MODEL 2024 OPERATING AT 240 KHZ. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.
- | VESSEL | DATE OF SURVEY | CUT |
|-----------------|----------------|--|
| SV-JACKSONVILLE | 09-14 MAR 2017 | CUT-A |
| SB-44 | 10 MAR 2017 | ENT. CH., OUTER CUT, CUT-B |
| SB-44 | 13 MAR 2017 | TURNING BASIN |
| SB-44 | 15-16 MAR 2017 | TURNING BASIN, SALT CREEK, BAYBORO HBR BASIN |
- AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
 - 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.
 - SURVEY ACCURACY PERFORMANCE STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 11102-1003, HYDROGRAPHIC SURVEYING, 30 NOV 13.

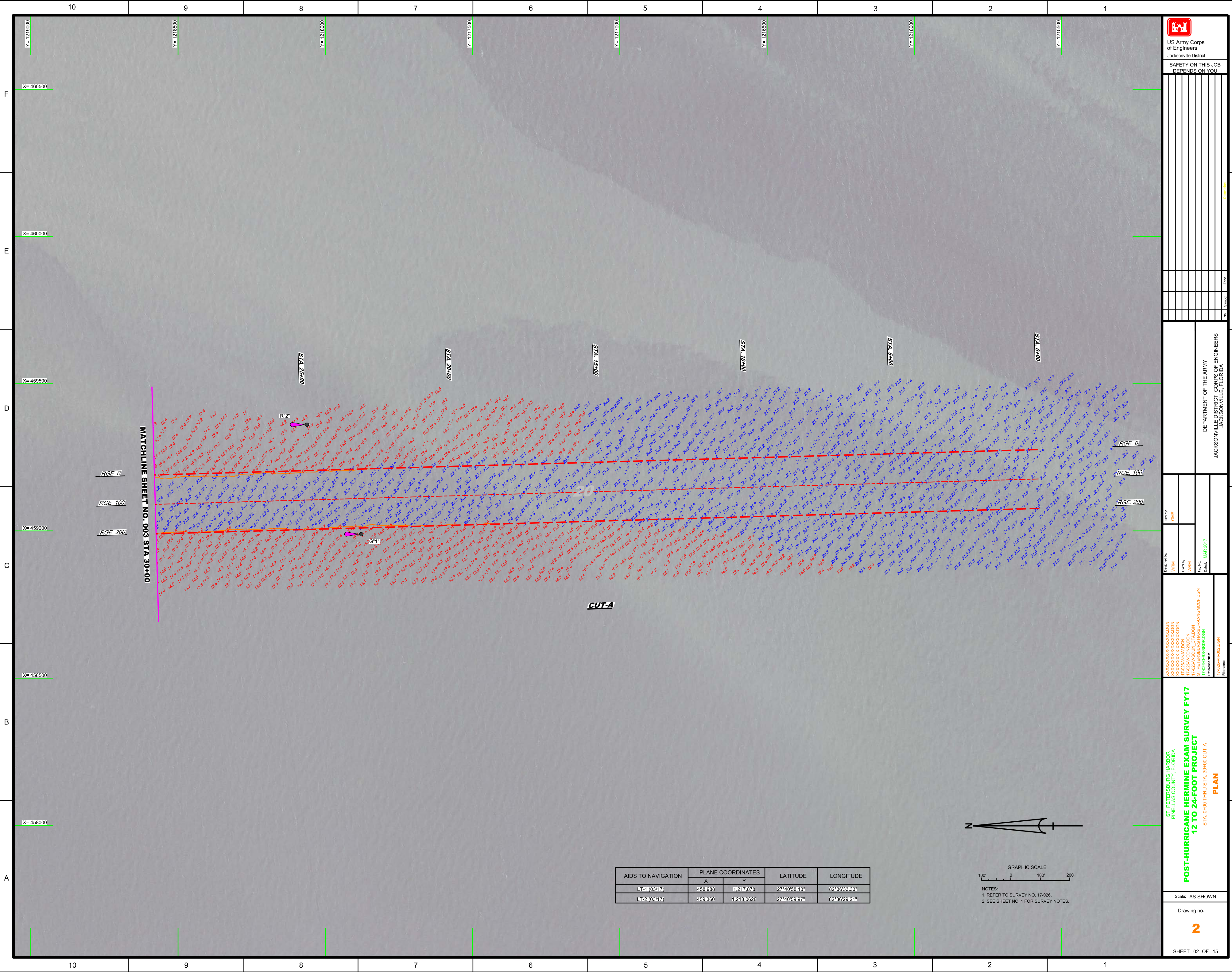
LEGEND	
	MONUMENT
	LIGHTED BEACON
	GREEN DAYBEACON
	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
	CAN BUOY
	NUN BUOY
	TIDE STAFF
	PROJECT DEPTH

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

Check by: GHR
Designed by: WRM
Drawn by: WRM
File No.: ST PETERSBURG HARBOR-CANAL-CF-DGN
Reference File: 17-026A-H407-LDGN
Project Name: ST. PETERSBURG HARBOR PINELLAS COUNTY, FLORIDA POST-HURRICANE HERMINE EXAM SURVEY FY17 12 TO 24-FOOT PROJECT INDEX, LOCATION AND VICINITY MAP

Scale: AS SHOWN
Drawing no. 1
SHEET 01 OF 15



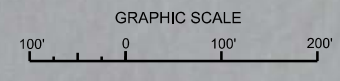
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Checked by:	GHR
Drawn by:	WRM
Reviewed by:	WRM
Date:	MAR 2017

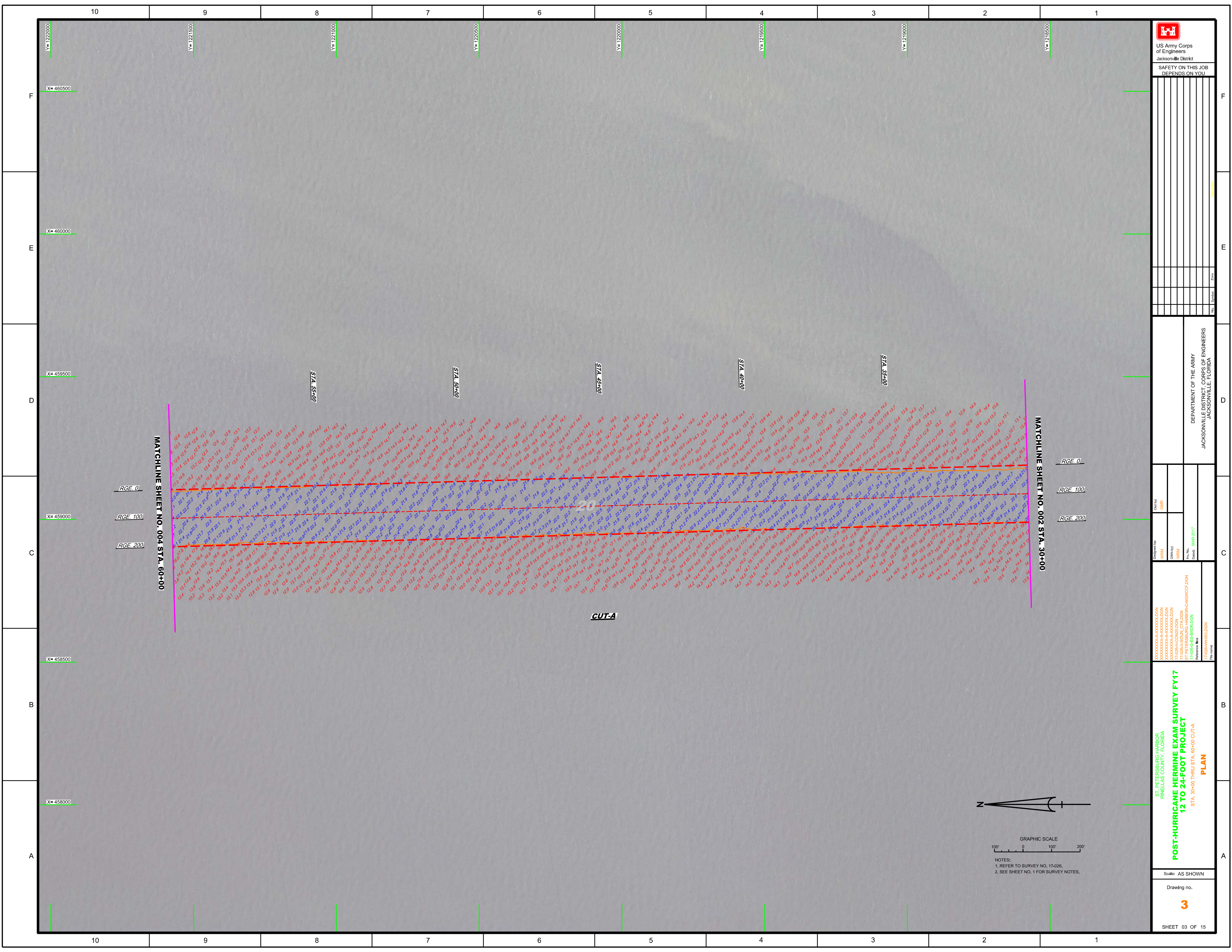
ST. PETERSBURG HARBOR
 PINELAS COUNTY, FLORIDA
POST-HURRICANE HERMINE EXAM SURVEY FY17
12 TO 24-FOOT PROJECT
 STA. 0+00 THRU STA. 30+00 CUT-A
PLAN


Scale: AS SHOWN
 Drawing no.
2
 SHEET 02 OF 15

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
⚓ (03/17)	459,988	1217,878	27°40'58.13"	82°36'33.33"
⚓ (03/17)	459,360	1218,028	27°40'59.97"	82°36'29.21"



NOTES:
 1. REFER TO SURVEY NO. 17-026.
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.





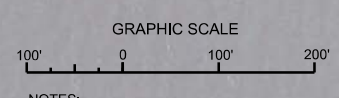
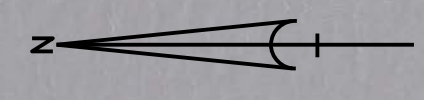
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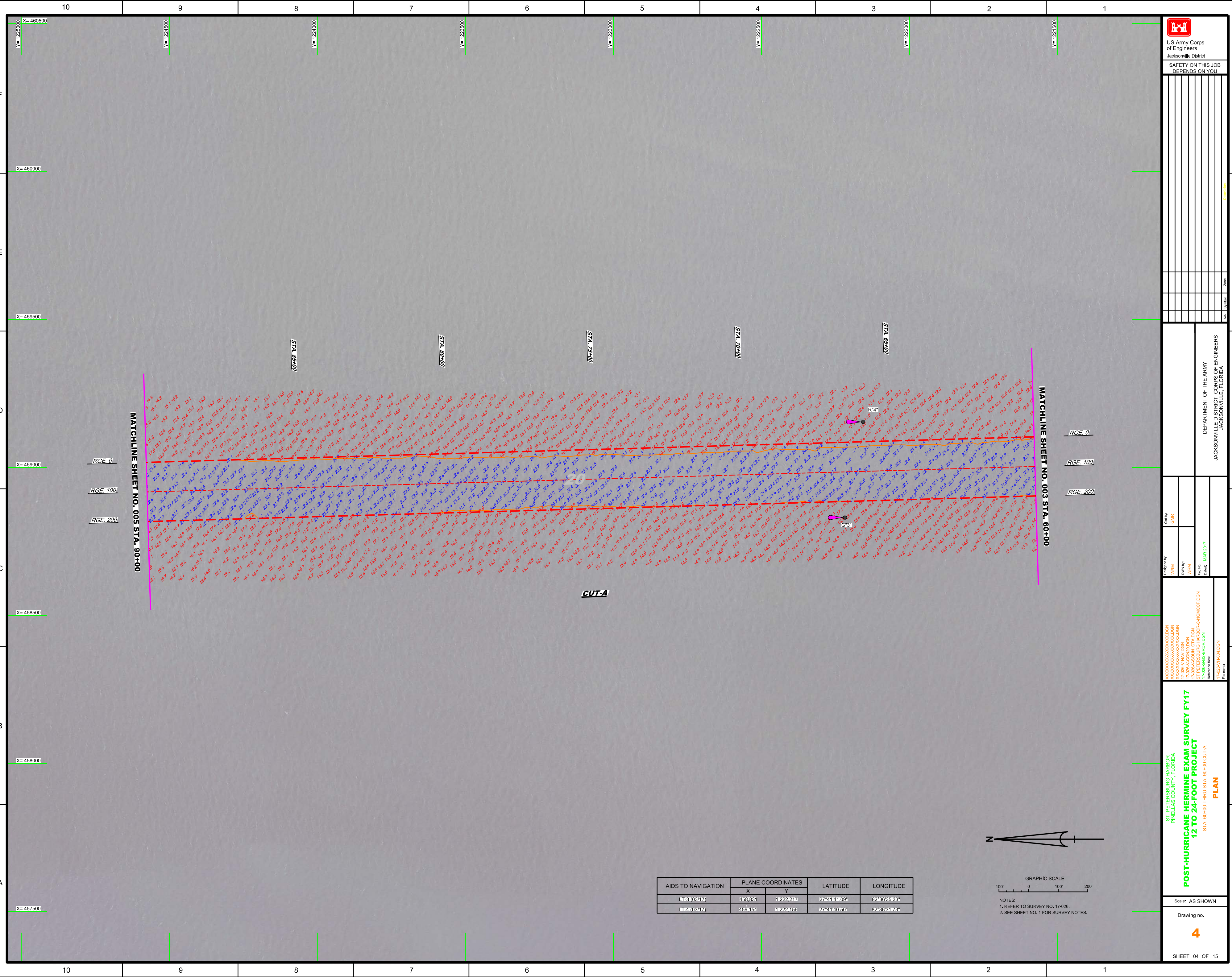
Drawn by: **WRM**
 Check by: **GHR**
 Date: **MAR 2017**


POST-HURRICANE HERMINE EXAM SURVEY FY17
12 TO 24-FOOT PROJECT
 STA. 30+00 THRU STA. 60+00 CUT-A
PLAN

Scale: AS SHOWN
 Drawing no. **3**
 SHEET 03 OF 15



NOTES:
 1. REFER TO SURVEY NO. 17-026.
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.



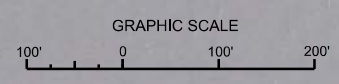
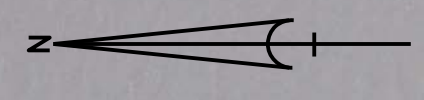

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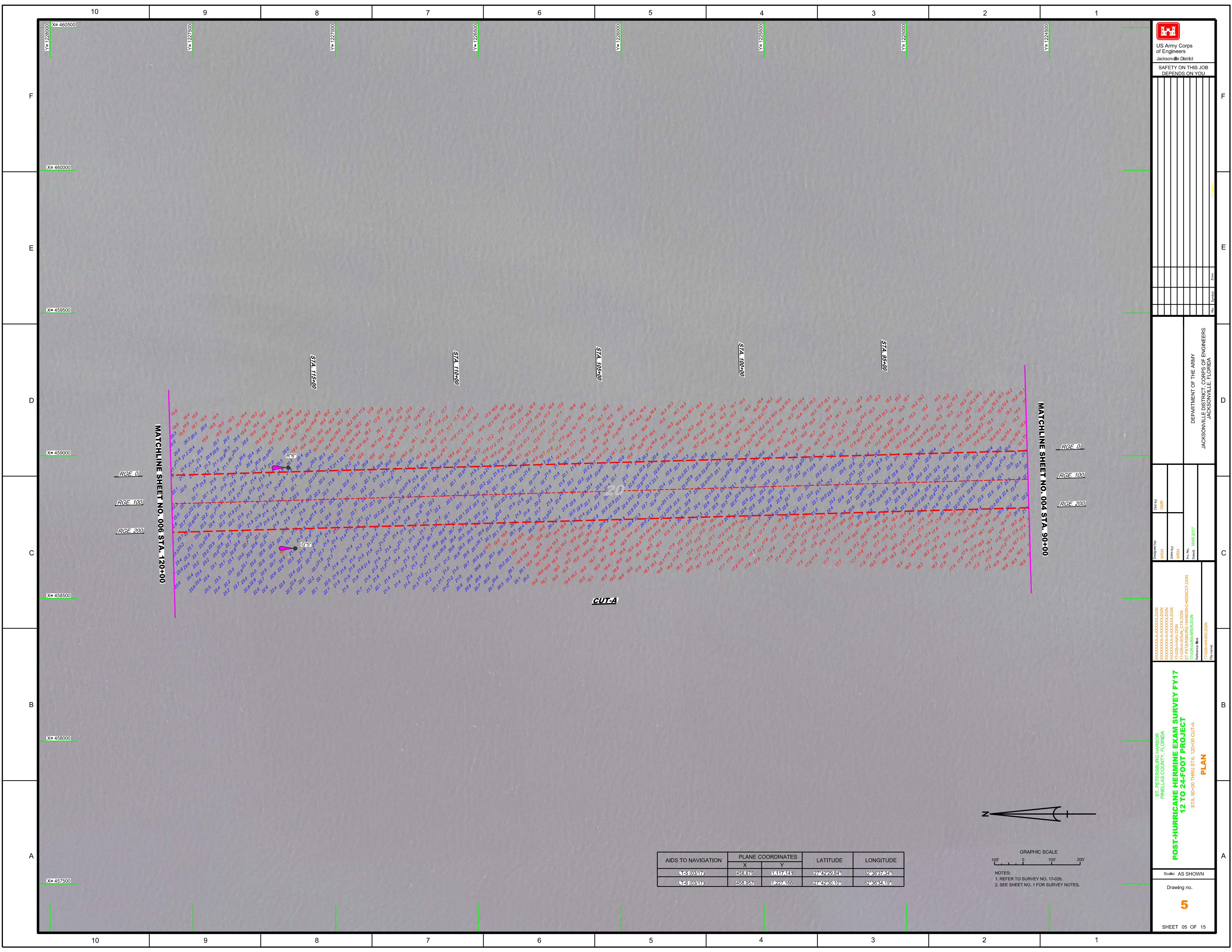
Call by: GHR
 Designed by: WRM
 Drawn by: WRM
 Date: 12/14/17
 File name: I:\0265-GH-BR\BOLDEN


ST. PETERSBURG HARBOR
 PINELAS COUNTY, FLORIDA
POST-HURRICANE HERMINE EXAM SURVEY FY17
12 TO 24-FOOT PROJECT
 STA. 60+00 THRU STA. 90+00 CUT-A
PLAN
 Scale: AS SHOWN

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
153 (0317)	458,831	1,222,217	27°41'41.09"	82°36'35.33"
154 (0317)	458,154	1,222,156	27°41'40.50"	82°36'31.78"



NOTES:
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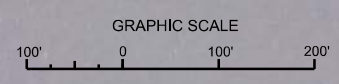
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Call by: GHR
 Designed by: WRM
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 Check by: WRM
 Date: MAR 2017

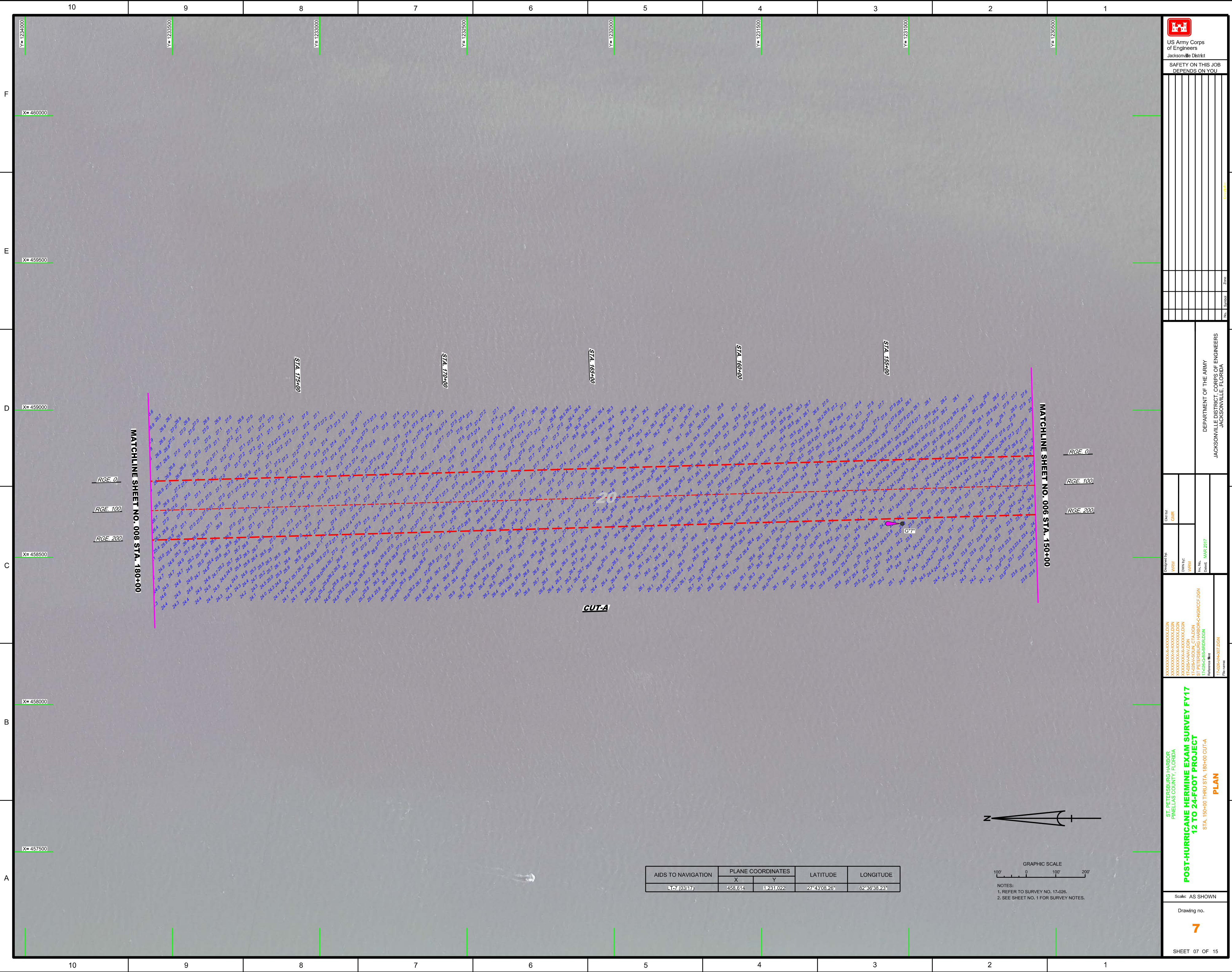
ST. PETERSBURG HARBOR
 PINELAS COUNTY, FLORIDA
POST-HURRICANE HERMINE EXAM SURVEY FY17
12 TO 24-FOOT PROJECT
 STA. 90+00 THRU STA. 120+00 CUT-A
PLAN


Scale: AS SHOWN
 Drawing no.
5
 SHEET 05 OF 15

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-5 (03/17)	458,675	1117,411	27°42'29.84"	82°36'34.34"
LT-6 (03/17)	458,957	1127,166	27°42'30.10"	82°36'34.19"



NOTES:
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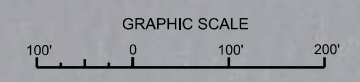
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 JACKSONVILLE, FLORIDA

Designed by: **WRM**
 Checked by: **GHR**
 Date: **MAR 2017**

ST. PETERSBURG HARBOR
 PINELAS COUNTY, FLORIDA
POST-HURRICANE HERMINE EXAM SURVEY FY17
12 TO 24-FOOT PROJECT
 STA. 150+00 THRU STA. 180+00 CUT-A
PLAN

Scale: AS SHOWN
 Drawing no. **7**
 SHEET 07 OF 15

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
L 57 (03/17)	458.614	1231.022	27°43'08.26"	82°36'38.23"

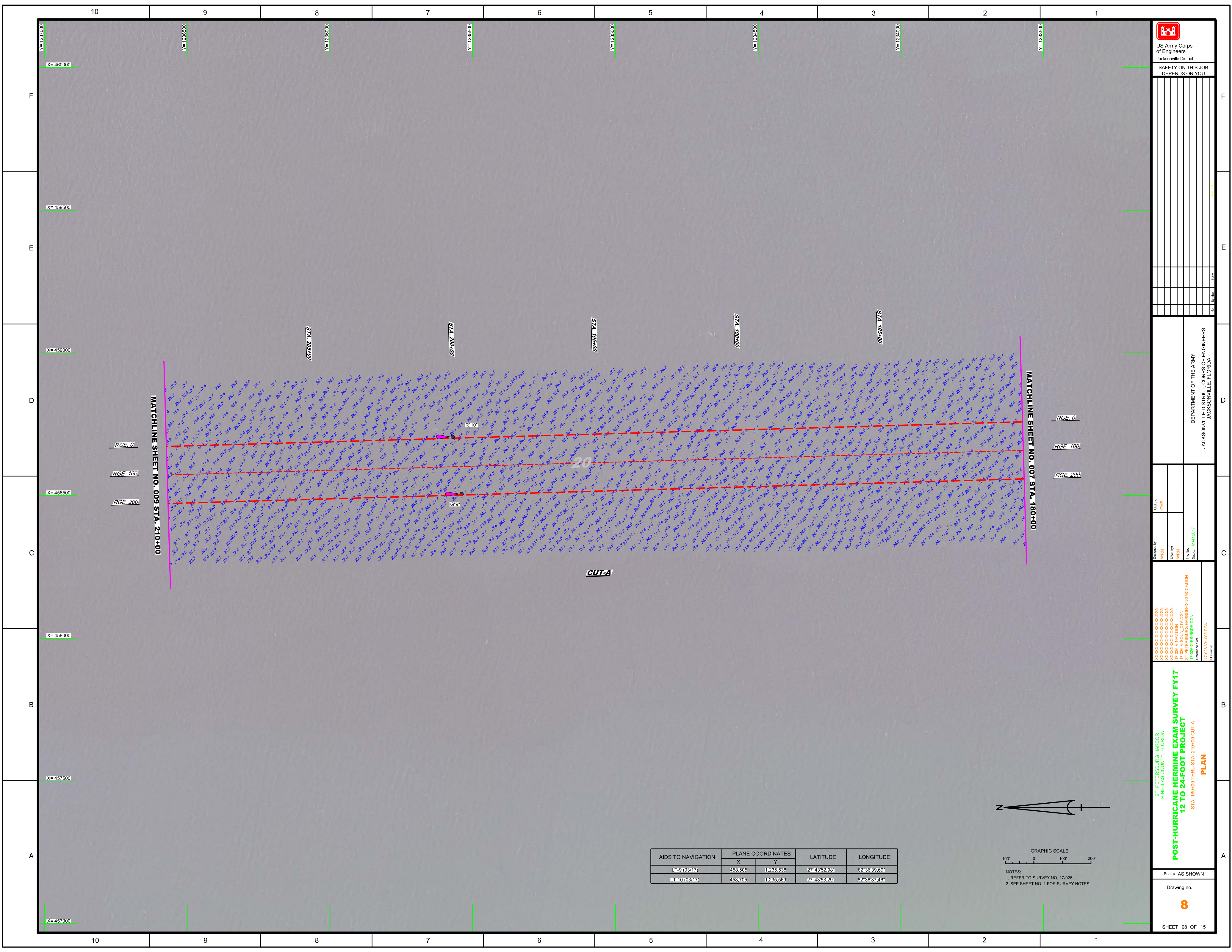



NOTES:
 1. REFER TO SURVEY NO. 17-026.
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.

MATCHLINE SHEET NO. 008 STA. 180+00

MATCHLINE SHEET NO. 006 STA. 150+00

CUT-A





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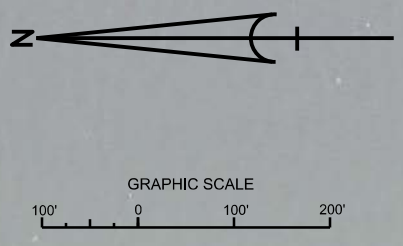
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 JACKSONVILLE, FLORIDA

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 Checked: GHR
 Date: MAR 2017

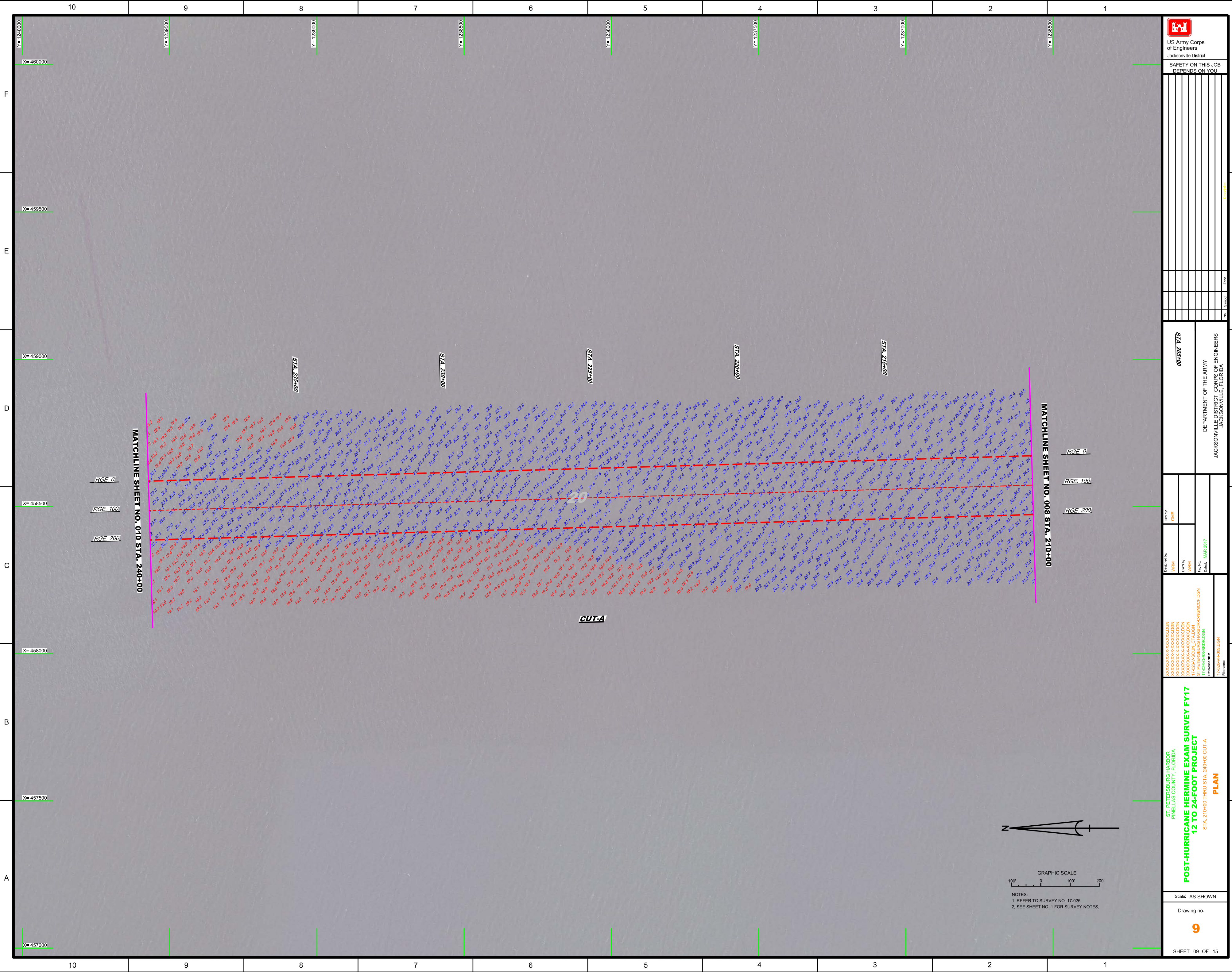
ST. PETERSBURG HARBOR
 PINELAS COUNTY, FLORIDA
 POST-HURRICANE HERMINE EXAM SURVEY FY17
 STA. 180+00 THRU STA. 210+00 CUT-A
 PLAN


Scale: AS SHOWN
 Drawing no. **8**
 SHEET 08 OF 15

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
1-9 (03/17)	458,505	17235,538	27°43'52.98"	82°36'39.69"
1-10 (03/17)	458,705	17235,569	27°43'53.29"	82°36'37.46"



NOTES:
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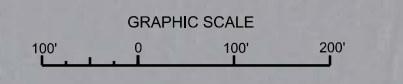
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STA 205+00
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 JACKSONVILLE, FLORIDA

Drawn by: WRM
 Check by: GHR
 Date: MAR 2017

ST. PETERSBURG HARBOR
 PINELAS COUNTY, FLORIDA
 POST-HURRICANE HERMINE EXAM SURVEY FY17
 12 TO 24-FOOT PROJECT
 STA. 210+00 THRU STA. 240+00 CUT-A
 PLAN

Scale: AS SHOWN
 Drawing no. **9**
 SHEET 09 OF 15



NOTES:
 1. REFER TO SURVEY NO. 17-026.
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.

MATCHLINE SHEET NO. 010 STA. 240+00

MATCHLINE SHEET NO. 008 STA. 210+00

STA 205+00

STA 210+00

STA 215+00

STA 220+00

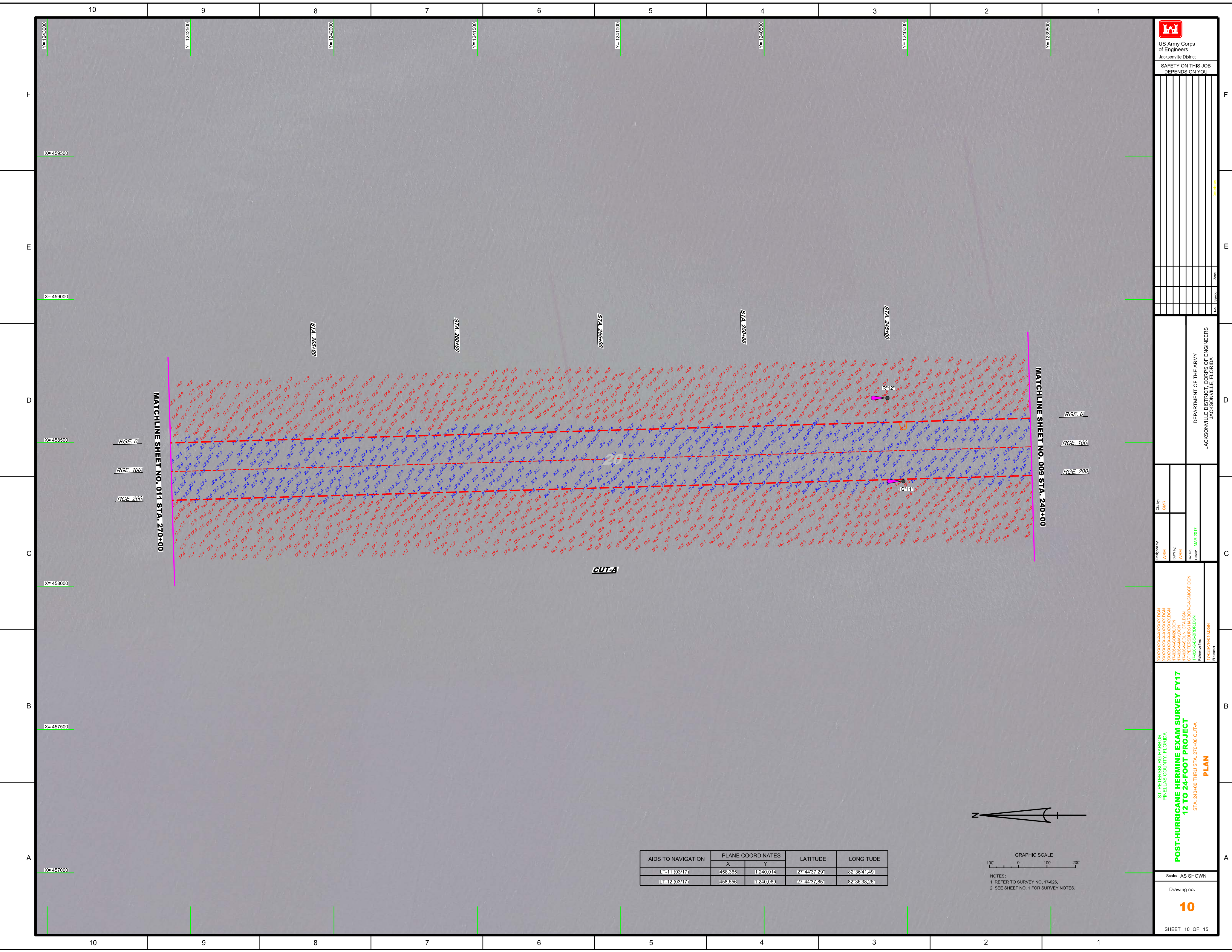
STA 225+00

CUT-A

RGE 0
RGE 100
RGE 200

RGE 0
RGE 100
RGE 200

10 9 8 7 6 5 4 3 2 1
 F
 E
 D
 C
 B
 A



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JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Designed by: WRM
Checked by: GHR

Drawn by: WRM
Checked by: GHR

File Name: ST-PETERSBURG-HARBOR-CANAL-CP-00N
Project: ST-PETERSBURG-HARBOR-CANAL-CP-00N
Revision: 17-026-CP-00N

ST. PETERSBURG HARBOR
PINELAS COUNTY, FLORIDA

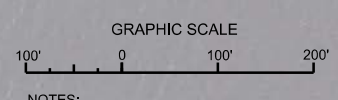
POST-HURRICANE HERMINE EXAM SURVEY FY17
12 TO 24-FOOT PROJECT
STA. 240+00 THRU STA. 270+00 CUT-A

PLAN

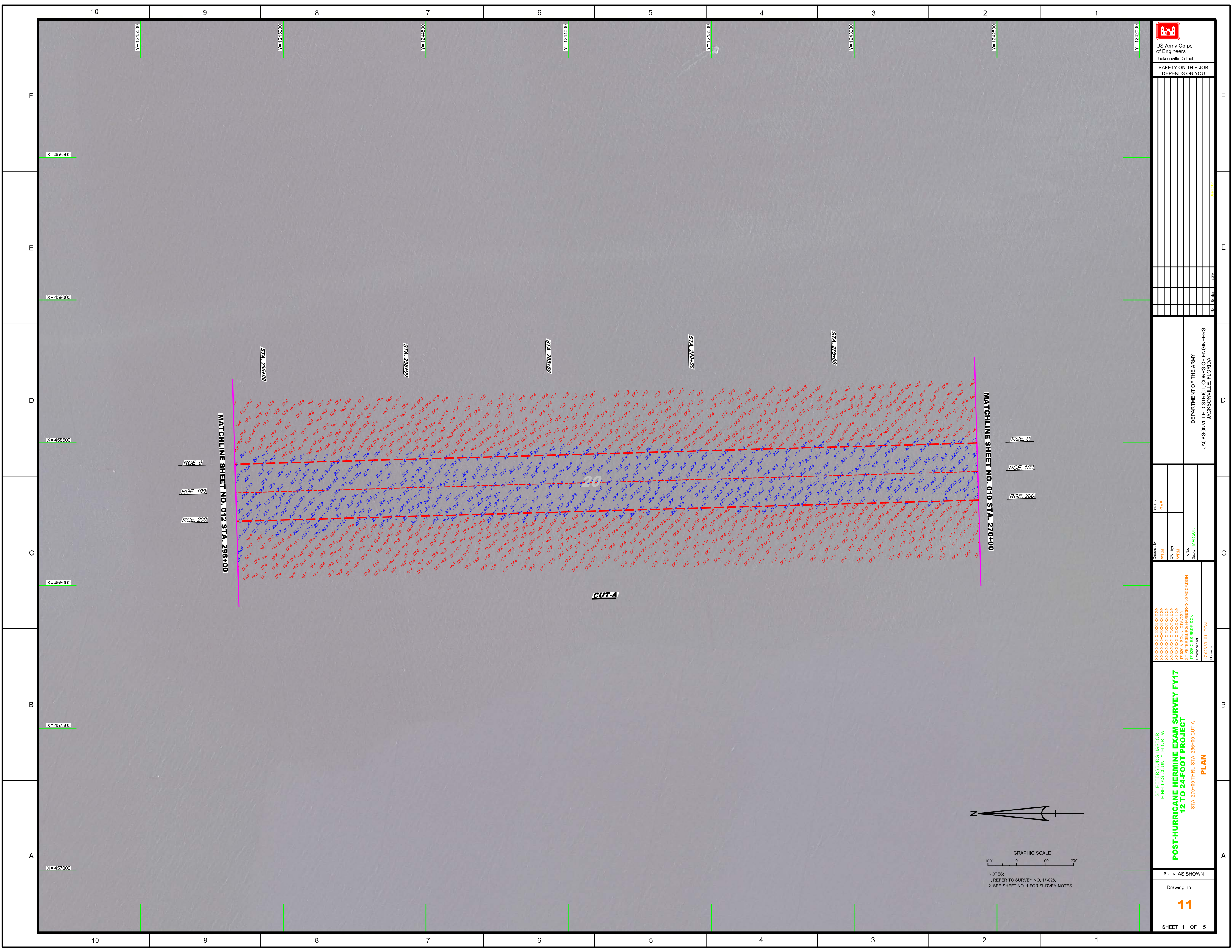
Scale: AS SHOWN


Drawing no.

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
11(0317)	458,365	1240,014	27°44'37.29"	82°38'41.49"
12(0317)	458,656	1240,069	27°44'37.85"	82°38'38.26"



NOTES:
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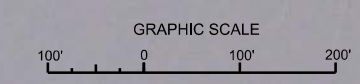

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 JACKSONVILLE, FLORIDA

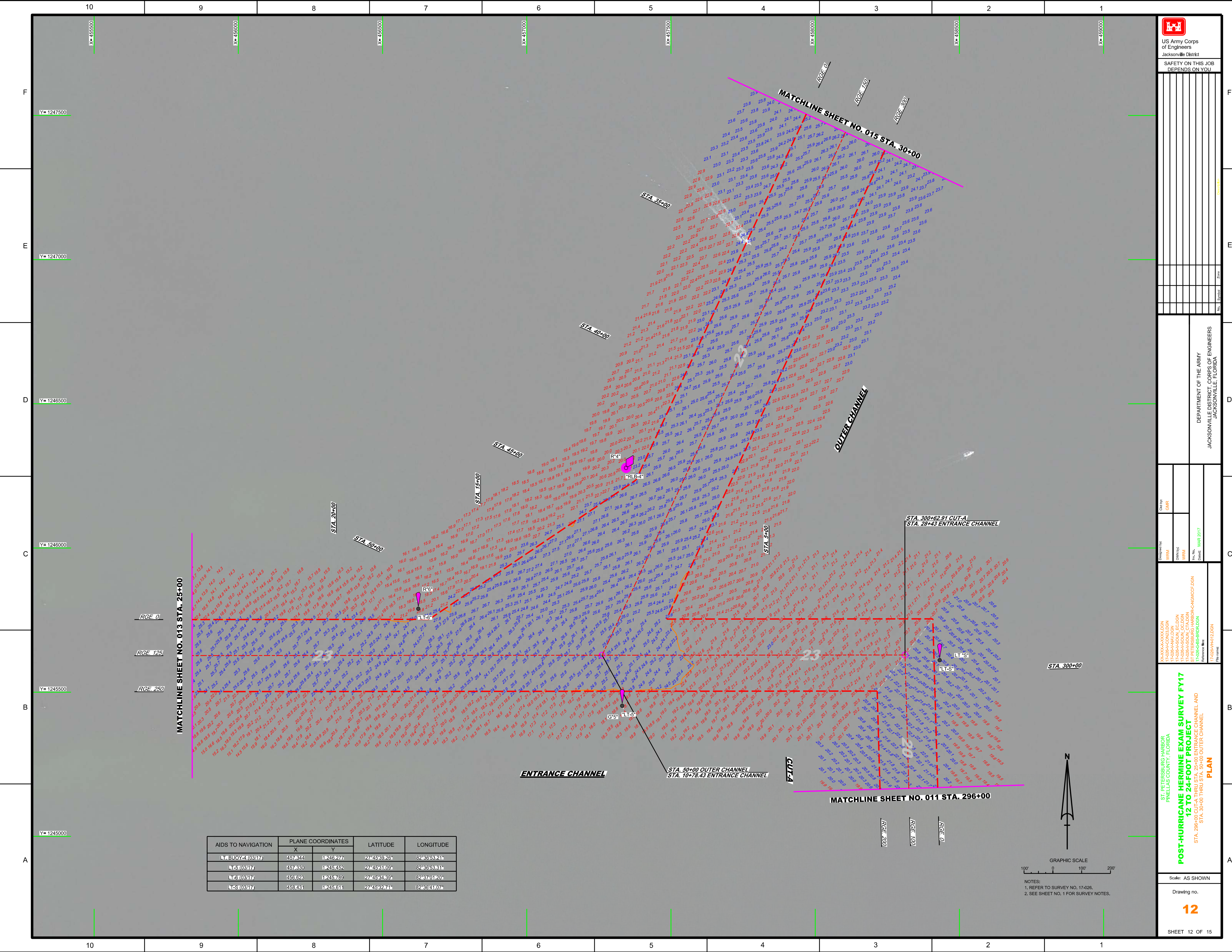
Drawn by: WRM
 Check by: GHR
 Design Date: MAR 2017

ST. PETERSBURG HARBOR
 PINELAS COUNTY, FLORIDA
 POST-HURRICANE HERMINE EXAM SURVEY FY17
 STA. 270+00 THRU STA. 296+00 CUT-A
 PLAN

Scale: AS SHOWN
 Drawing no. **11**
 SHEET 11 OF 15



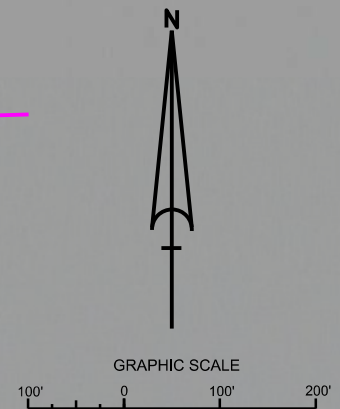
NOTES:
 1. REFER TO SURVEY NO. 17-026.
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.



MATCHLINE SHEET NO. 013 STA. 25+00

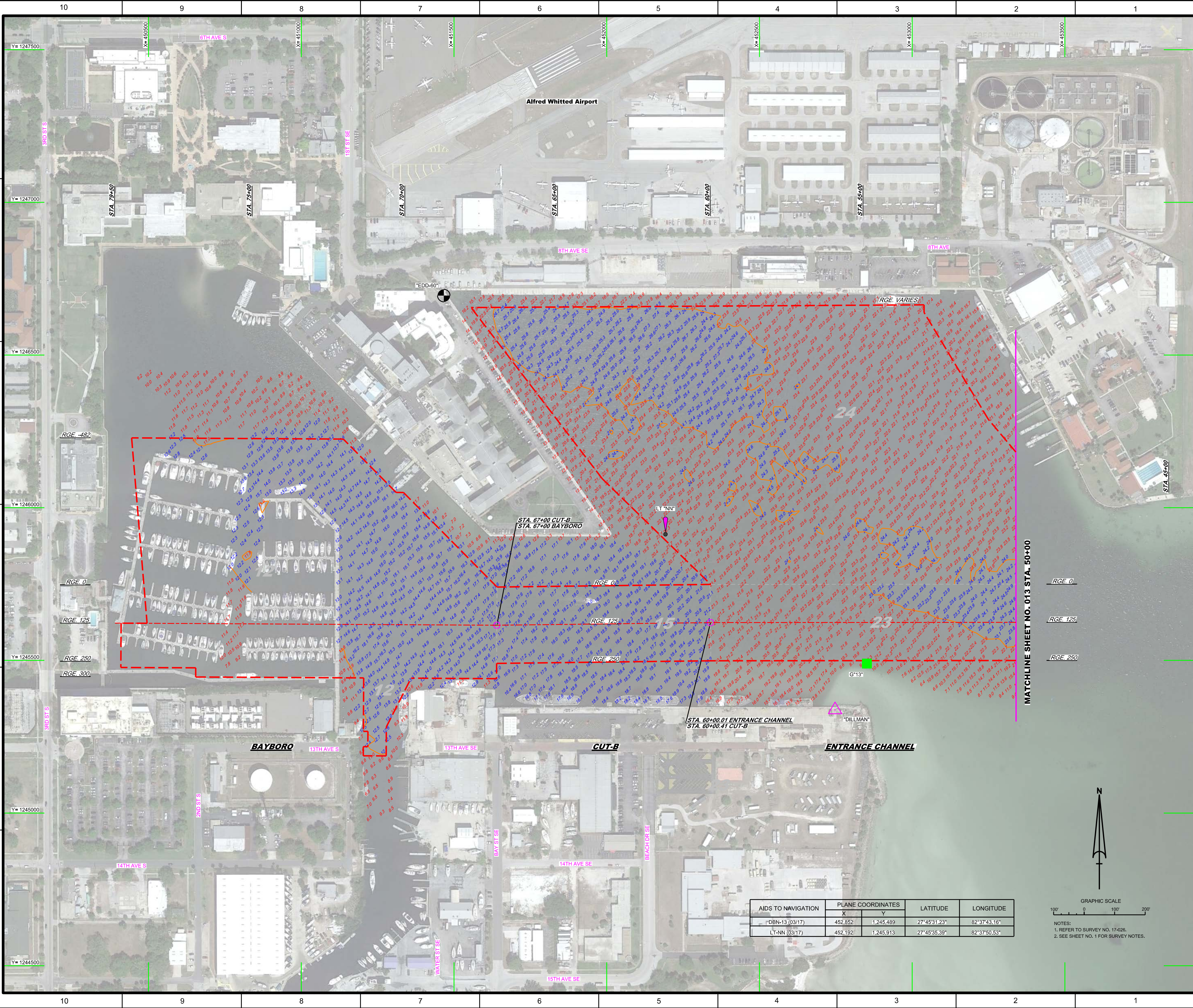
MATCHLINE SHEET NO. 011 STA. 296+00


AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT BUOY (0347)	4578344	12456277	27°45'59.26"	82°36'53.24"
LT 51 (0347)	4578330	12456452	27°45'53.109"	82°36'53.831"
LT 53 (0347)	4558282	12457639	27°45'27.89"	82°37'01.20"
LT 51 (0347)	4584331	12456311	27°45'52.741"	82°38'41.07"



NOTES:
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Checked by: GHR
Designed by: WRM
Drawn by: WRM
In Charge: WRM
Date: MAR 2017





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Jacksonville District

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Albert Whitted Airport

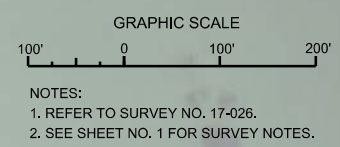
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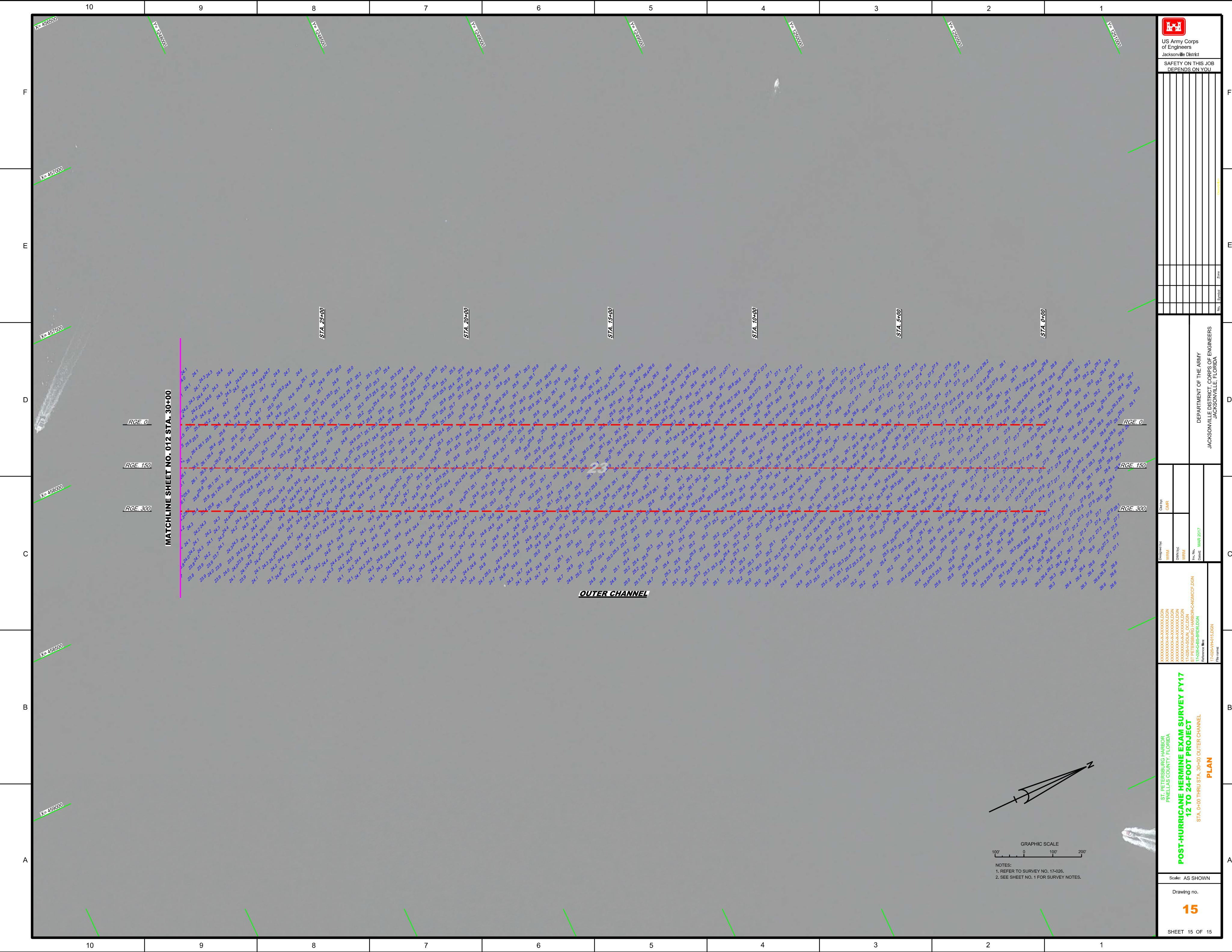
Call by: GHR
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Date: MAR 2017

ST. PETERSBURG HARBOR
PINELAS COUNTY, FLORIDA
POST-HURRICANE HERMINE EXAM SURVEY FY17
12 TO 24-FOOT PROJECT
STA. 50+00 ENTRANCE CHANNEL THRU STA. 79+50 BAYBORO
PLAN

Scale: AS SHOWN
Drawing no. **14**
SHEET 14 OF 15

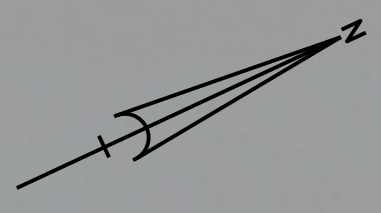
AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-13 (03/17)	452,852	1,245,489	27°45'31.23"	82°37'43.16"
LT-NN (03/17)	452,192	1,245,913	27°45'35.39"	82°37'50.53"





MATCHLINE SHEET NO. 012 STA. 30+00

OUTER CHANNEL



GRAPHIC SCALE
100' 0 100' 200'
NOTES:
1. REFER TO SURVEY NO. 17-026.
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