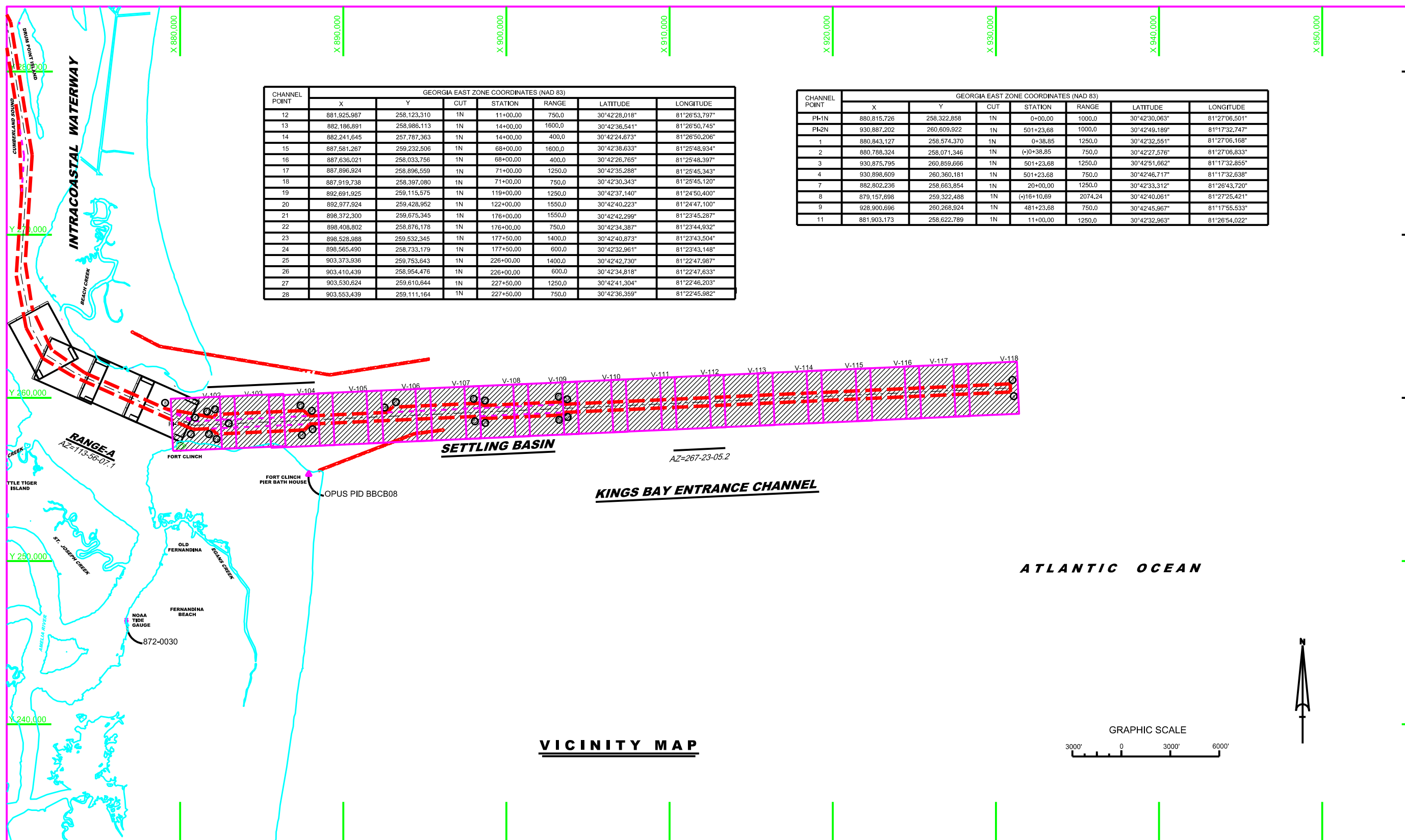
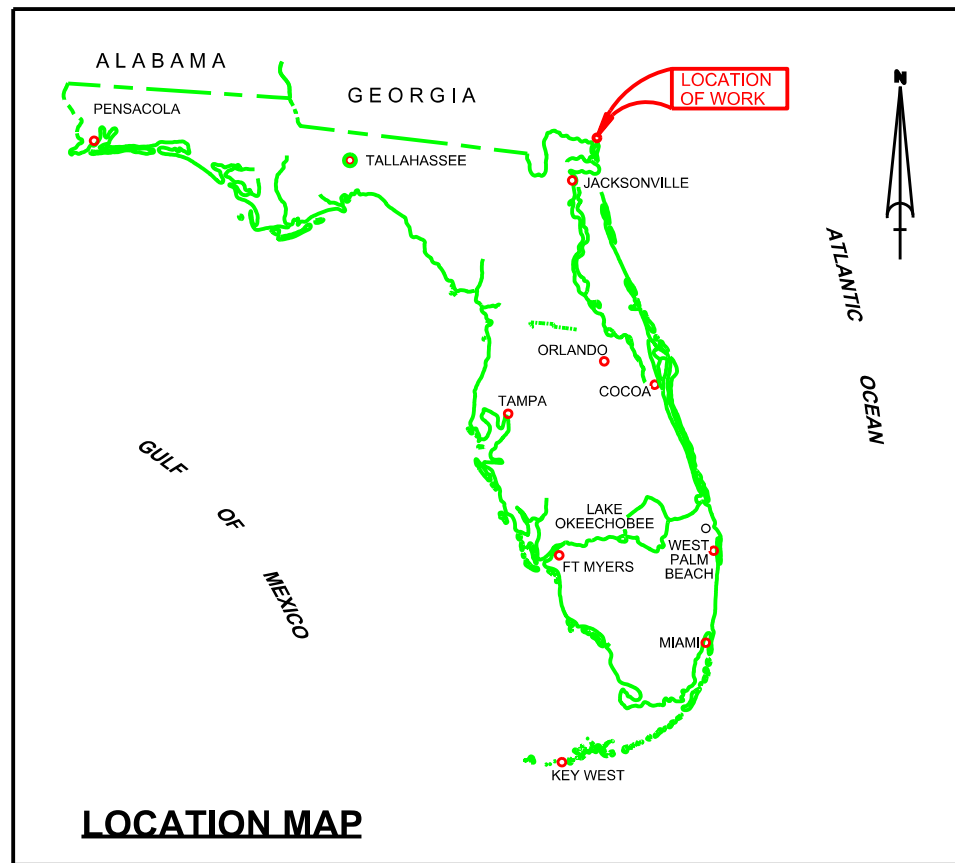


KINGS BAY ENTRANCE CHANNEL

BIMONTHLY EXAMINATION SURVEY - JULY 2015



CHANNEL POINT	GEORGIA EAST ZONE COORDINATES (NAD 83)					
	X	Y	CUT	STATION	RANGE	LONGITUDE
12	881,925,987	258,123,310	1N	11+00.00	750.0	30°42'28.018"
13	882,186,891	258,986,113	1N	14+00.00	1600.0	30°42'36.541"
14	882,241,645	257,787,303	1N	14+00.00	400.0	30°42'24.673"
15	887,581,287	259,232,506	1N	68+00.00	1600.0	30°42'38.633"
16	887,636,021	258,033,756	1N	68+00.00	400.0	30°42'26.765"
17	887,896,324	258,896,559	1N	71+00.00	1250.0	30°42'35.288"
18	887,910,738	258,397,080	1N	71+00.00	750.0	30°42'30.343"
19	892,691,925	259,115,575	1N	118+00.00	1250.0	30°42'31.140"
20	892,977,924	259,428,952	1N	122+00.00	1550.0	30°42'40.223"
21	898,372,320	258,875,345	1N	176+00.00	1550.0	30°42'42.299"
22	898,408,802	258,876,178	1N	176+00.00	750.0	30°42'34.387"
23	898,528,888	259,532,345	1N	177+50.00	1400.0	30°42'40.873"
24	898,565,490	258,733,179	1N	177+50.00	600.0	30°42'32.961"
25	903,373,936	259,753,643	1N	226+00.00	1400.0	30°42'42.730"
26	903,410,439	258,954,476	1N	226+00.00	600.0	30°42'34.818"
27	903,530,824	259,610,644	1N	227+50.00	1250.0	30°42'41.304"
28	903,553,439	259,111,164	1N	227+50.00	750.0	30°42'36.359"

CHANNEL POINT	GEORGIA EAST ZONE COORDINATES (NAD 83)					
	X	Y	CUT	STATION	RANGE	LONGITUDE
PH-1N	880,815,726	258,322,858	1N	0+00.00	1000.0	30°42'30.063"
PH-2N	930,887,202	260,609,922	1N	501+23.68	1000.0	30°42'49.189"
1	880,843,127	258,574,370	1N	0+38.85	1250.0	30°42'32.551"
2	880,788,324	258,071,346	1N	0+38.85	750.0	30°42'27.576"
3	930,875,795	260,859,686	1N	501+23.68	1250.0	30°42'51.662"
4	930,808,609	260,360,181	1N	501+23.68	750.0	30°42'46.717"
7	882,802,238	258,663,854	1N	20+00.00	1250.0	30°42'33.312"
8	879,157,698	259,322,488	1N	(+18)+10.69	2074.24	30°42'40.061"
9	928,900,696	260,268,024	1N	481+23.68	750.0	30°42'45.967"
11	881,903,173	258,622,789	1N	11+00.00	1250.0	30°42'32.063"

- MAP SHEET NOTES:**
- REFER TO SURVEY NO. 15-162.
 - 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 SITES SPECIFIED BELOW:
NOAA TIDAL STATION: 872-0030 FERNANDINA BEACH, AMELIA RIVER, FLORIDA FOR CUT-IN.
 - ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
 - TIDAL REDUCTIONS WERE OBTAINED UTILIZING REAL-TIME KINEMATIC (RTK) GPS USING A HYPACK KINEMATIC TIDAL DATUM (KTD) FILE. FILE NAME: KINGSBAY-2013 06 10.KTD.
 - PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF GEORGIA AND REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD 83).
 - ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
 - THIS SURVEY WAS PERFORMED USING REAL-TIME KINEMATIC GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATION:
REFERENCE BASE LOCATED AT "BATH HOUSE ARP", OPUS PID: BBCB08, FOR ENTIRE PROJECT. TIDE STAFF WAS SET NEAR FERNANDINA MUNICIPAL MARINA FROM "RICHARD E. BONNER", OPUS PID: BBCK39.
 - VERTICAL MEASUREMENTS WERE MADE USING A R2SONIC MODEL 2024 MULTIBEAM SYSTEM, AND A ROSS MODEL 8350 DUAL-FREQUENCY SOUNDER WITH A 28200 KHZ SINGLE-BEAM TRANSDUCER. SOUNDINGS FROM STA. 0+00 TO STA. 200+00 AND STA. 350+00 TO STA. 501+24 ARE SHOWN IN HIGH FREQUENCY (240 KHZ) AND LOW FREQUENCY (28 KHZ) FROM STA. 200+00 TO STA. 350+00.
 - SURVEY VESSEL: SV-FLORIDA II, DATE OF SURVEY: 29 JUL 2015, AREA SURVEYED: CUT-IN, STA 350+00 TO STA 501+24. SV-FLORIDA II, 28-30 JUL 2015, CUT-IN, STA 200+00 TO STA 350+00. SV-FLORIDA II, 30 JUL 2015, CUT-IN, STA 115+00 TO STA 200+00. SV-FLORIDA II, 31 JUL 2015, CUT-IN, STA 0+00 TO STA 200+00.
 - 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 SURVEY AND IS NOT TO BE USED FOR NAVIGATION.
 - SURVEY ACCURACY STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 1110-2-1003, HYDROGRAPHIC SURVEYING, 30 NOV 2013 AND EM 1110-2-6068, STANDARDS AND PROCEDURES FOR REFERENCING PROJECT ELEVATION GRADES TO NATIONWIDE VERTICAL DATUMS, 31 DEC 2010.

LEGEND

MONUMENT
LIGHTED BEACON
GREEN DAYBEACON
RED DAYBEACON
RED LIGHTED BUOY
GREEN LIGHTED BUOY
CAN BUOY
NUN BUOY
TIDE STAFF
MAJOR CONTOUR
MINOR CONTOUR
MAJOR DEPRESSION
MINOR DEPRESSION

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JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA

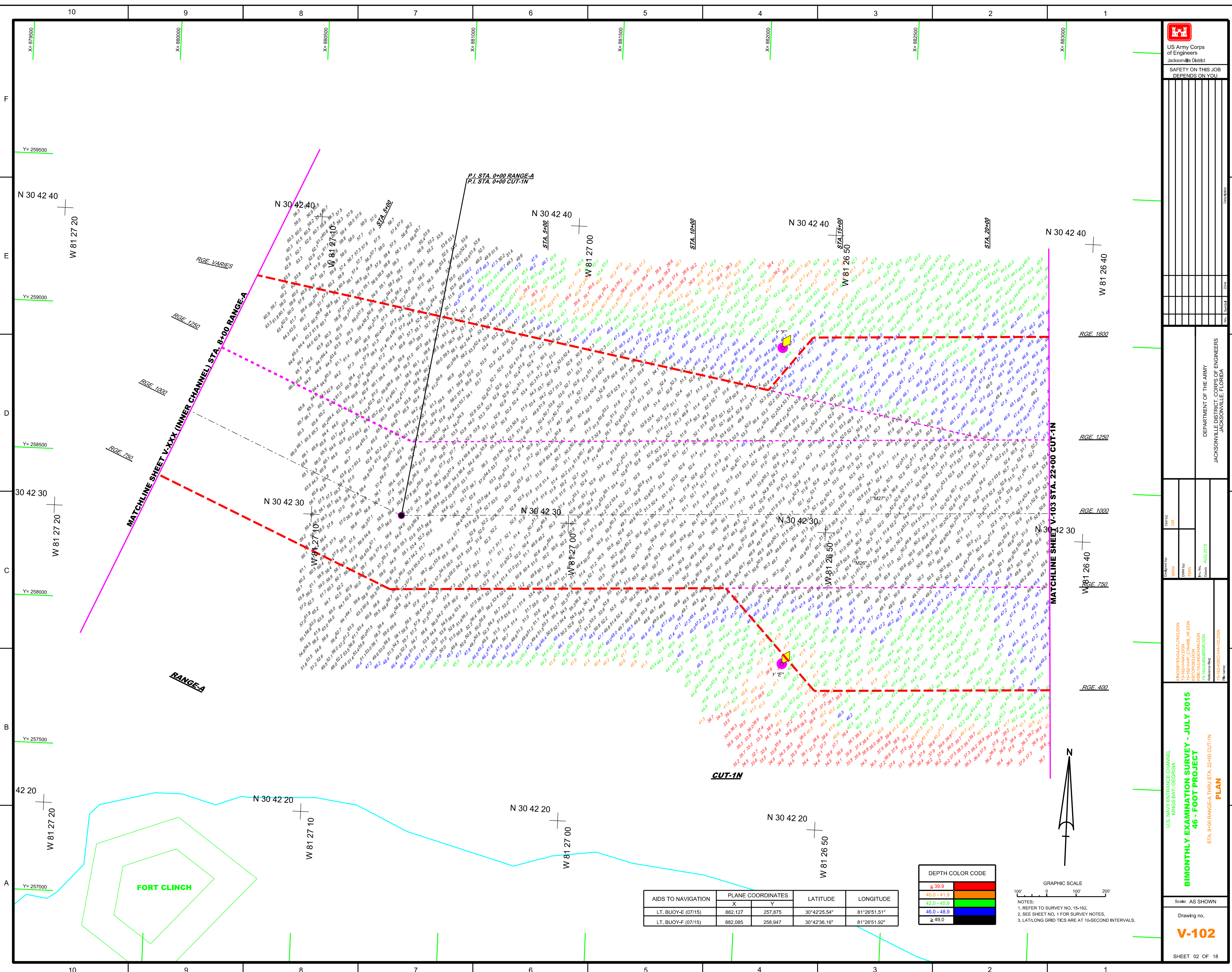
BIMONTHLY EXAMINATION SURVEY - JULY 2015
46 - FOOT PROJECT


INDEX, LOCATION AND VICINITY
MAP

Scale: AS SHOWN

Drawing no.
V-101

SHEET 01 OF 18





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JACKSONVILLE, FLORIDA

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA

BIMONTHLY EXAMINATION SURVEY - JULY 2015
46 - FOOT PROJECT

STA. 8+00 RANGE-A THRU STA. 22+00 CUT-IN
PLAN

Scale: AS SHOWN

Drawing no. **V-102**

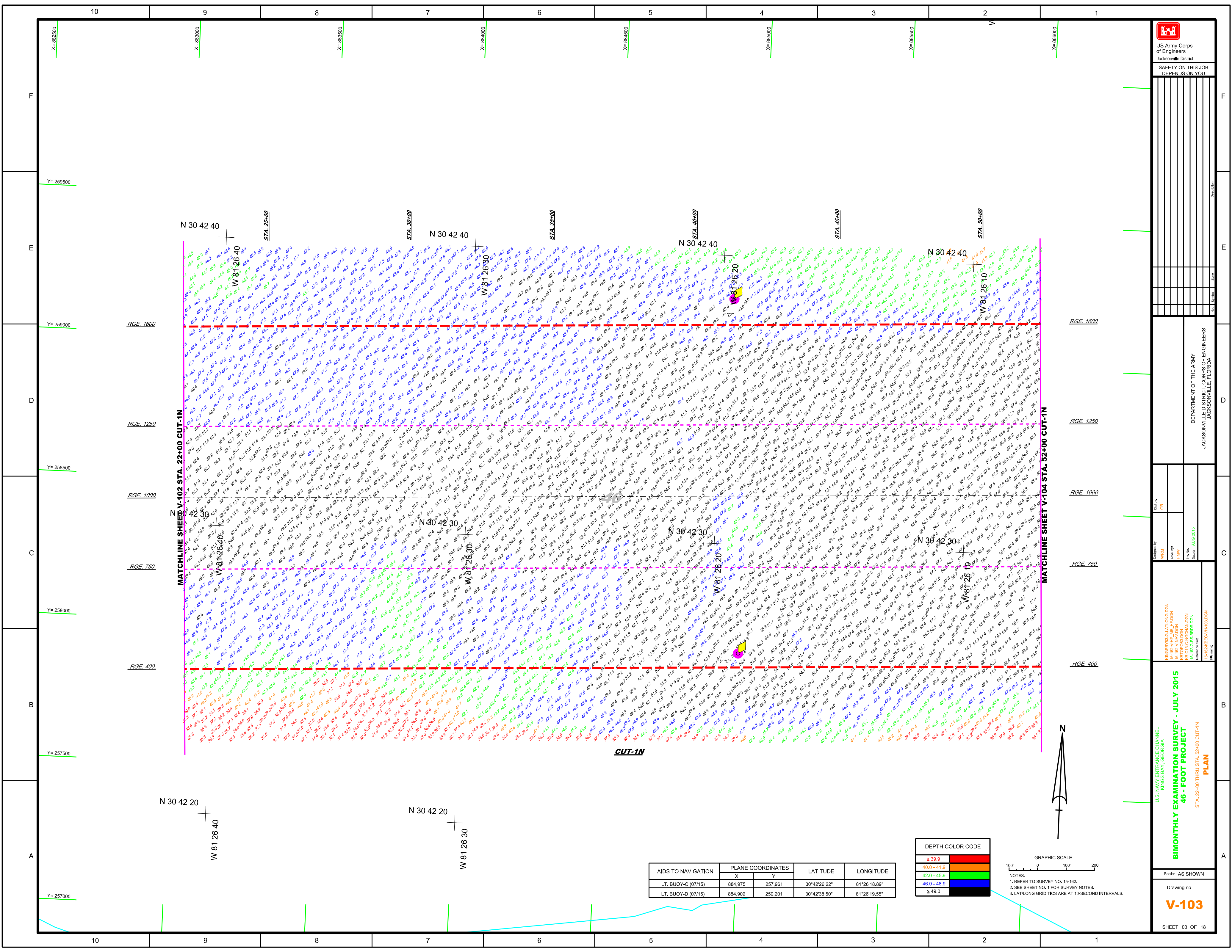
SHEET 02 OF 18

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-E (07/15)	882.127	257.875	30°42'25.54"	81°26'51.51"
LT. BUOY-F (07/15)	882.085	258.947	30°42'36.16"	81°26'51.92"

DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

GRAPHIC SCALE
100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 15-162.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.



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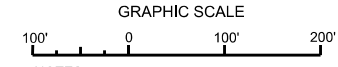
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

DESIGNED BY: WRM
CHECKED BY: GRL
DRAWN BY: FHW
DATE: AUG 2015

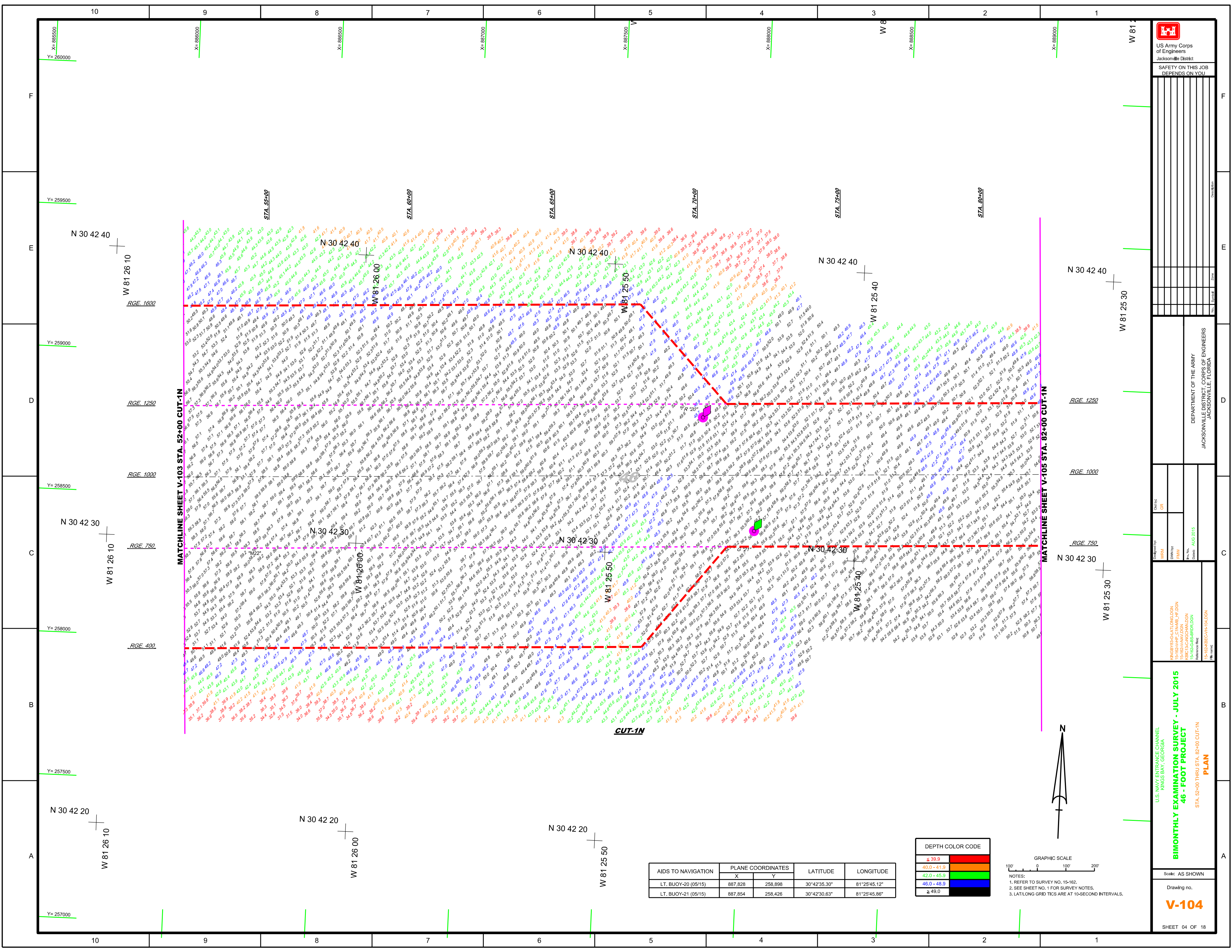
U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA
BIMONTHLY EXAMINATION SURVEY - JULY 2015
46 - FOOT PROJECT
PLAN
STA. 22+00 THRU STA. 52+00 CUT-IN
Scale: AS SHOWN
Drawing no.
SHEET 03 OF 18


AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-C (07/15)	884,975	257,961	30°42'26.22"	81°26'18.89"
LT. BUOY-D (07/15)	884,909	259,201	30°42'38.50"	81°26'19.55"

≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 43.9	Yellow
44.0 - 45.9	Green
46.0 - 48.9	Blue
≥ 49.0	Dark Blue



NOTES:
1. REFER TO SURVEY NO. 15-162.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.





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JACKSONVILLE, FLORIDA

Drawn by: **PHW**
Checked by: **GR**
Date: **AUG 2015**

Project: **BIMONTHLY EXAMINATION SURVEY - JULY 2015**
46 - FOOT PROJECT
PLAN

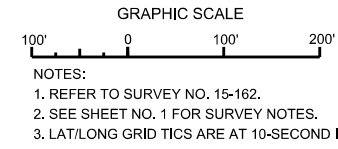
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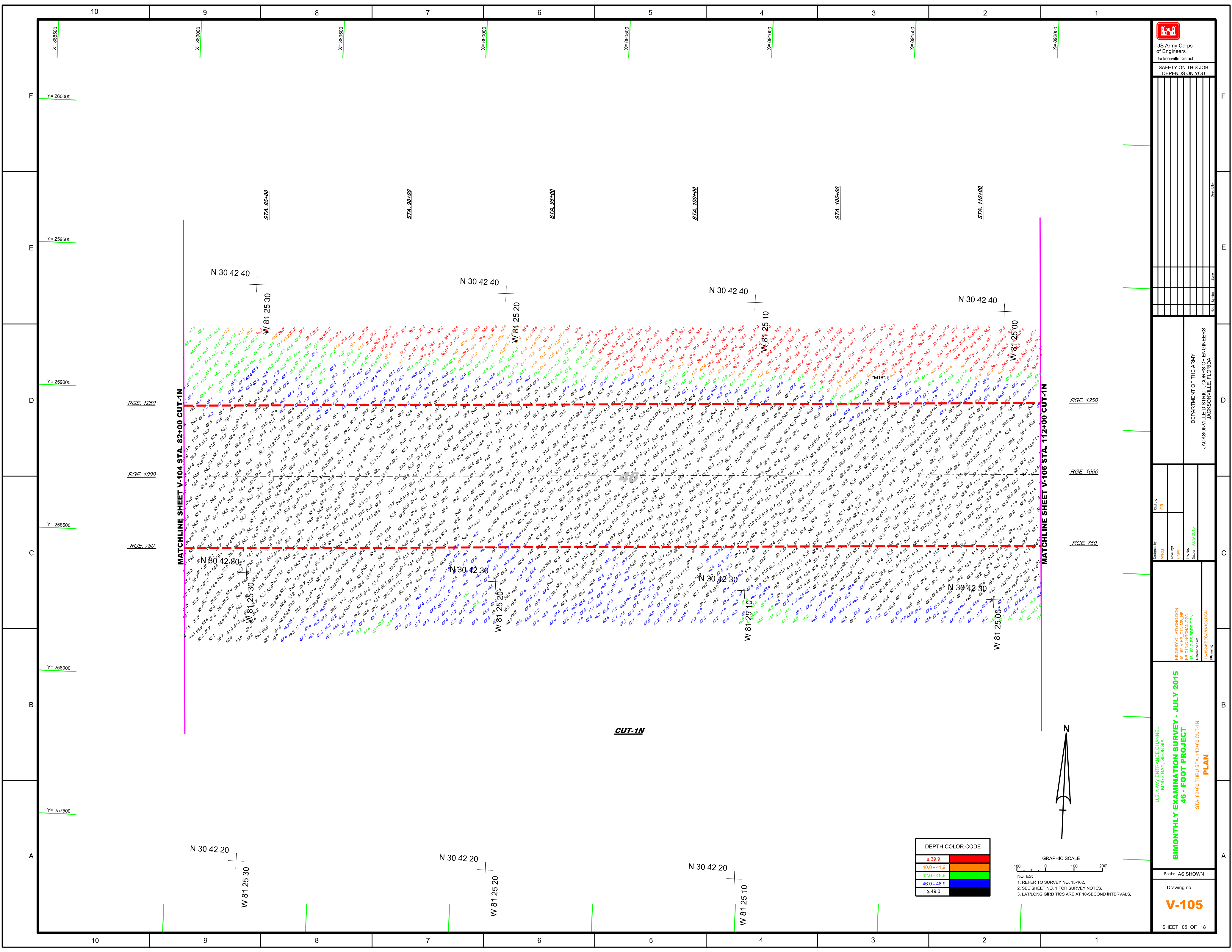
Drawing no. **V-104**

SHEET 04 OF 18

DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-20 (05/15)	887,828	258,898	30°42'35.30"	81°25'45.12"
LT. BUOY-21 (05/15)	887,854	258,426	30°42'30.63"	81°25'45.86"






DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue



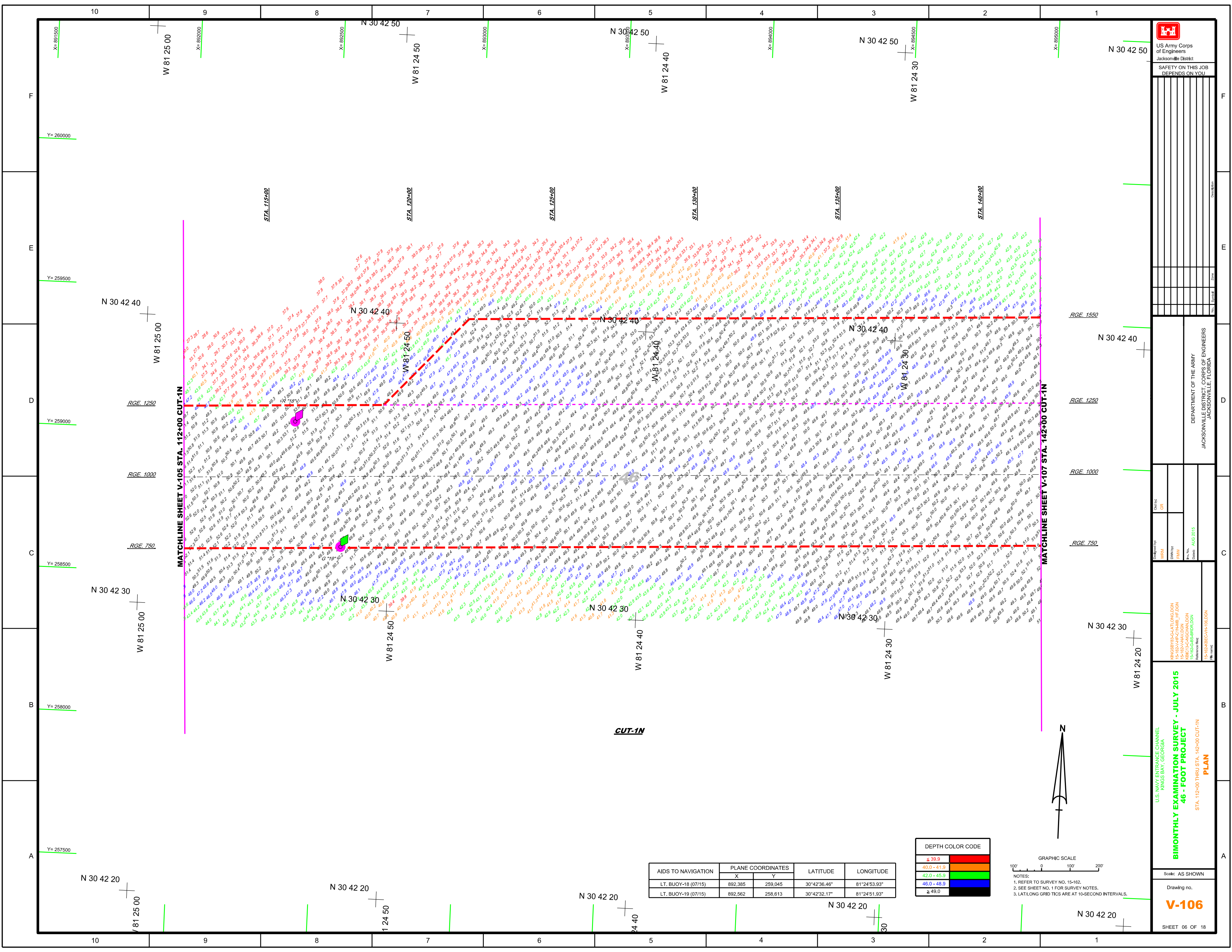
- NOTES:
 1. REFER TO SURVEY NO. 15-162.
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.
 3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.


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DEPARTMENT OF THE ARMY JACKSONVILLE DISTRICT, CORPS OF ENGINEERS JACKSONVILLE, FLORIDA	CHAIR: GRL DRAWN BY: FHW DATE: AUG 2015 PROJECT: 15-162-REC-VH-100.DGN
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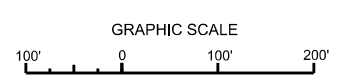
BIMONTHLY EXAMINATION SURVEY - JULY 2015
46 - FOOT PROJECT
 STA. 82+00 THRU STA. 112+00 CUT-IN
PLAN

Scale: AS SHOWN
 Drawing no. **V-105**
 SHEET 05 OF 18



DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-18 (0715)	892,385	259,045	30°42'36.46"	81°24'53.93"
LT. BUOY-19 (0715)	892,562	258,613	30°42'32.17"	81°24'51.93"



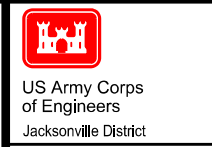
NOTES:
1. REFER TO SURVEY NO. 15-162.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.
3. LAT/LONG GRID TIC'S ARE AT 10-SECOND INTERVALS.



MATCHLINE SHEET V-105 STA. 112+00 CUT-IN

MATCHLINE SHEET V-107 STA. 142+00 CUT-IN

CUT-IN

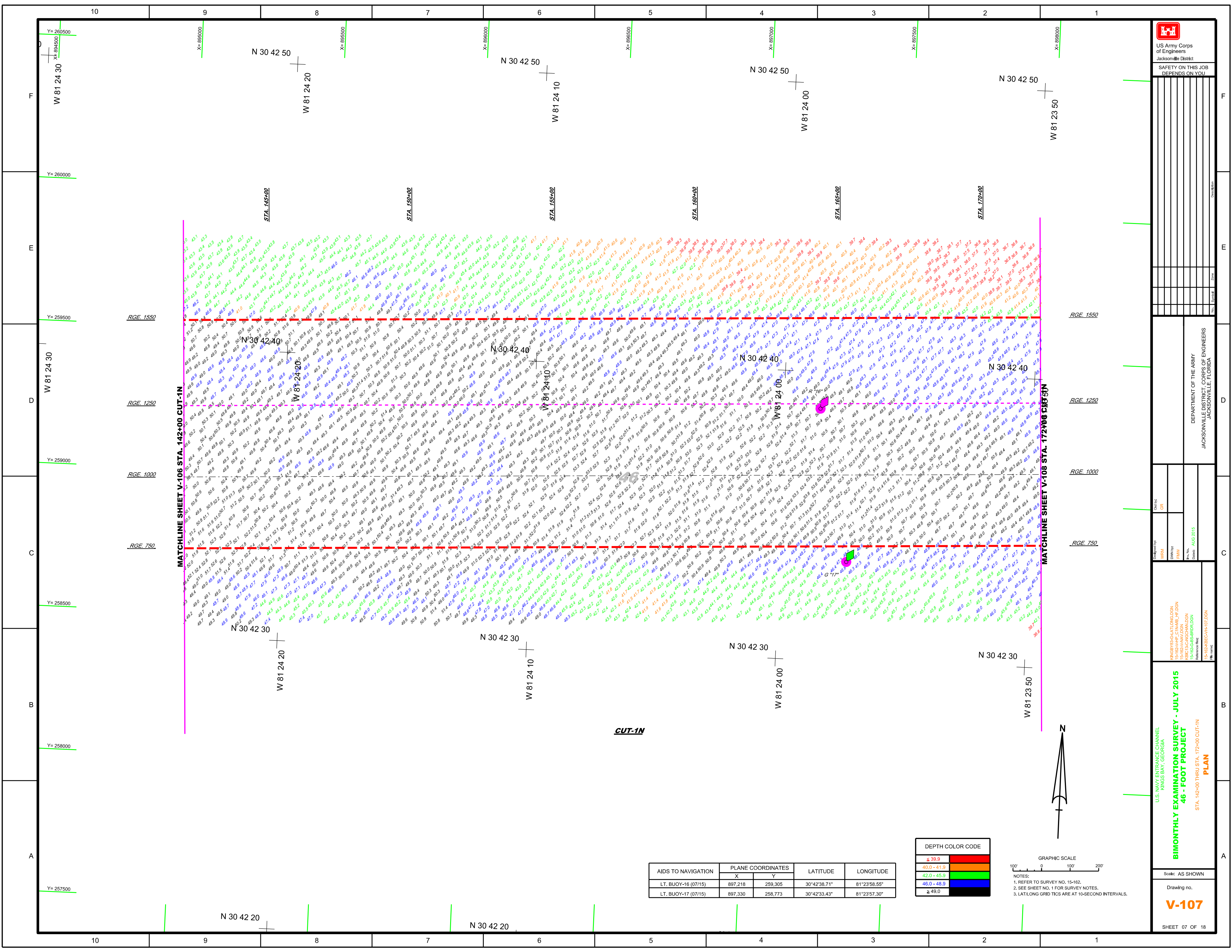


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U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA
BIMONTHLY EXAMINATION SURVEY - JULY 2015
46 - FOOT PROJECT
PLAN
STA. 142+00 THRU STA. 172+00 CUT-IN

Scale: AS SHOWN
Drawing no.
V-107
SHEET 07 OF 18

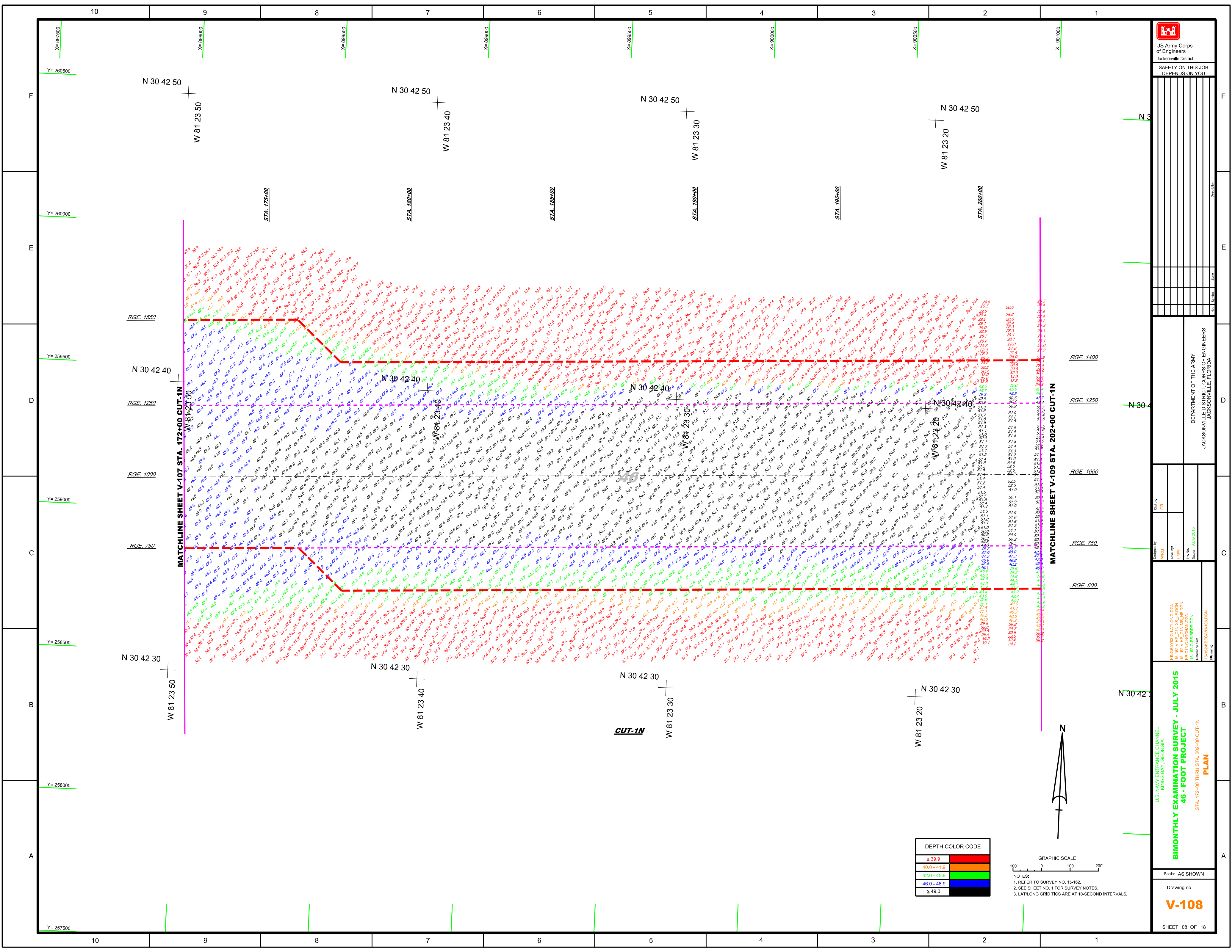


DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-16 (0715)	897,218	259,305	30°42'38.71"	81°23'58.55"
LT. BUOY-17 (0715)	897,330	258,773	30°42'33.43"	81°23'57.30"



NOTES:
1. REFER TO SURVEY NO. 15-162.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.



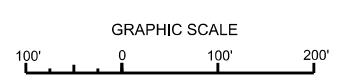
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JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Checked By: GRL
Designed By: WRM
Drawn By: FHW
Date: AUG 2015

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA
BIMONTHLY EXAMINATION SURVEY - JULY 2015
46 - FOOT PROJECT
PLAN
STA. 172+00 THRU STA. 202+00 CUT-IN
Scale: AS SHOWN
Drawing no.
V-108
SHEET 08 OF 18

DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue



NOTES:
1. REFER TO SURVEY NO. 15-162.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.





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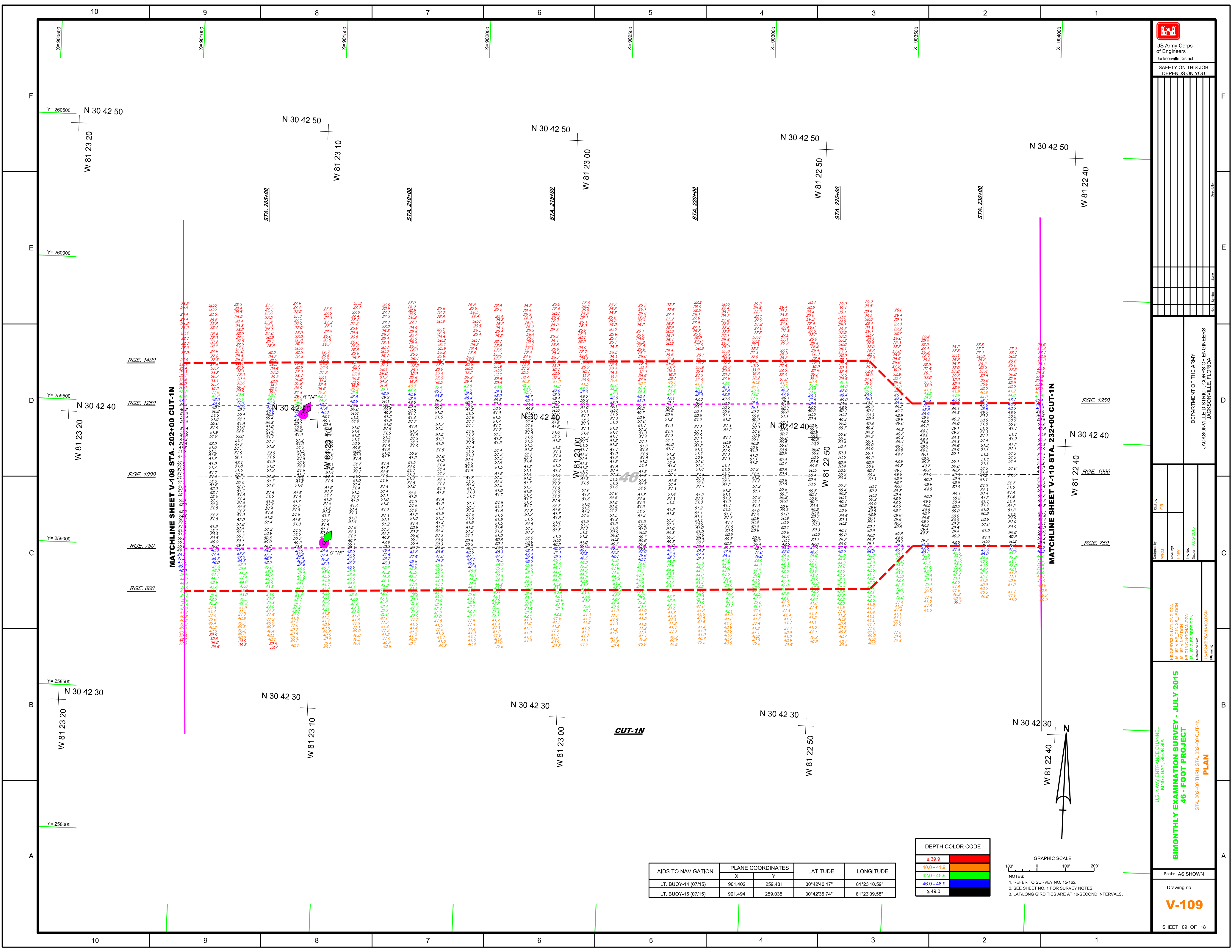
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JACKSONVILLE DISTRICT CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA

BIMONTHLY EXAMINATION SURVEY - JULY 2015
46 - FOOT PROJECT

Scale: AS SHOWN
Drawing No.



≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

	X	Y		
LT. BUOY-14 (0715)	901.402	259.481	30°42'40.17"	81°23'10.59"
LT. BUOY-15 (0715)	901.494	259.035	30°42'35.74"	81°23'09.58"

GRAPHIC SCALE
100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 15-162.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

10 9 8 7 6 5 4 3 2 1

X= 903500 X= 901500 X= 902000 X= 902500 X= 903000 X= 903500 X= 904000

F

Y= 260500 N 30 42 50
W 81 23 20
STA. 202+00
STA. 210+00
STA. 215+00
STA. 220+00
STA. 225+00
STA. 230+00

E
Y= 260000

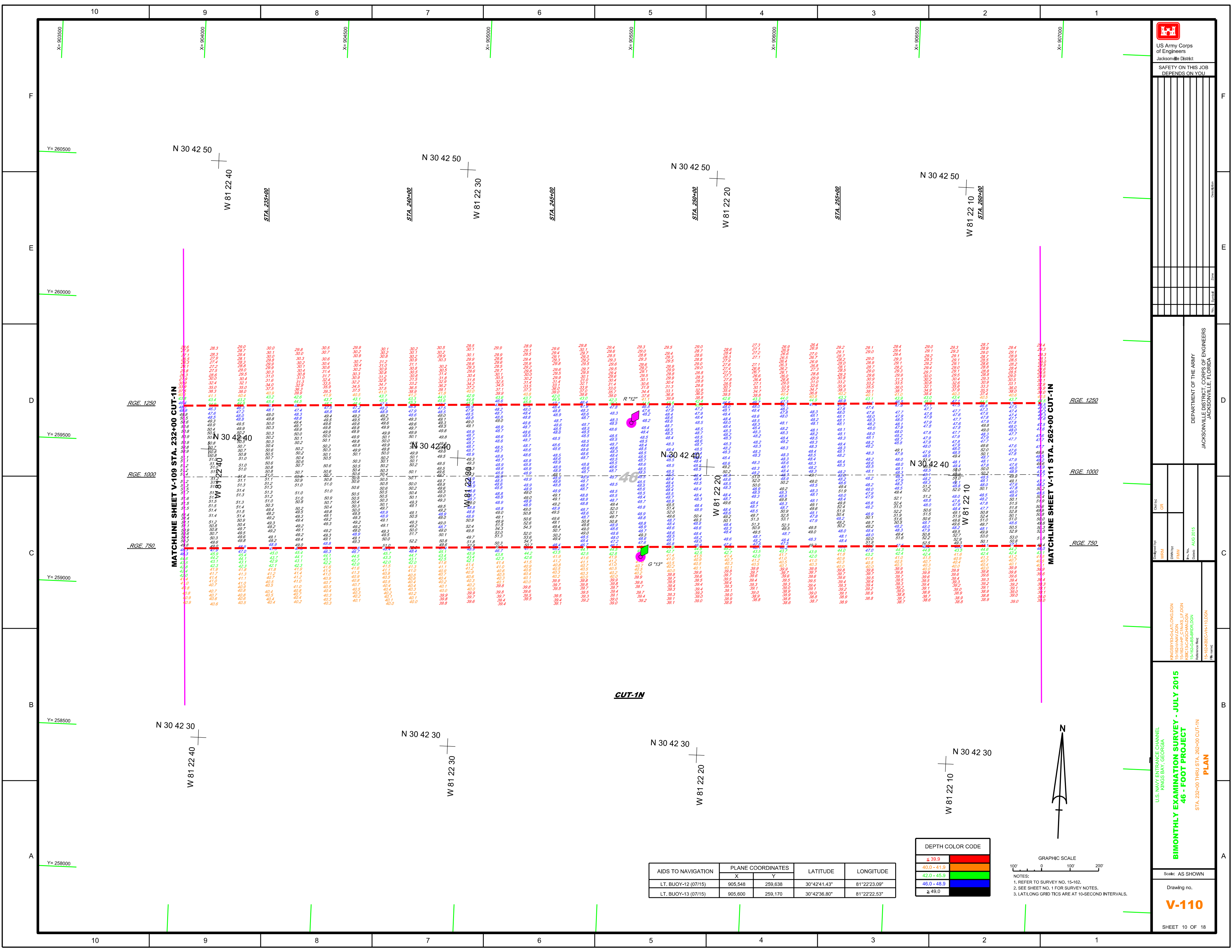
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Y= 259500 N 30 42 40
W 81 23 20
N 30 42 40
W 81 22 50
W 81 22 40
RGE 1400
RGE 1250
RGE 1000
RGE 750

C
Y= 259000

B
Y= 258500 N 30 42 30
W 81 23 20
W 81 23 10
N 30 42 30
W 81 23 00
N 30 42 30
W 81 22 50
W 81 22 40

A
Y= 258000

10 9 8 7 6 5 4 3 2 1



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-12 (0715)	905.548	259.638	30°42'41.43"	81°22'23.09"
LT. BUOY-13 (0715)	905.600	259.170	30°42'36.80"	81°22'22.53"

DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

NOTES:
1. REFER TO SURVEY NO. 15-162.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICCS ARE AT 10-SECOND INTERVALS.

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JACKSONVILLE, FLORIDA

Drawn by: GRL
Checked by: GRL

Designed by: WRM
DWG No: 15-162-BAV-10
FWW No: 15-162-BAV-10
Date: AUG 2015

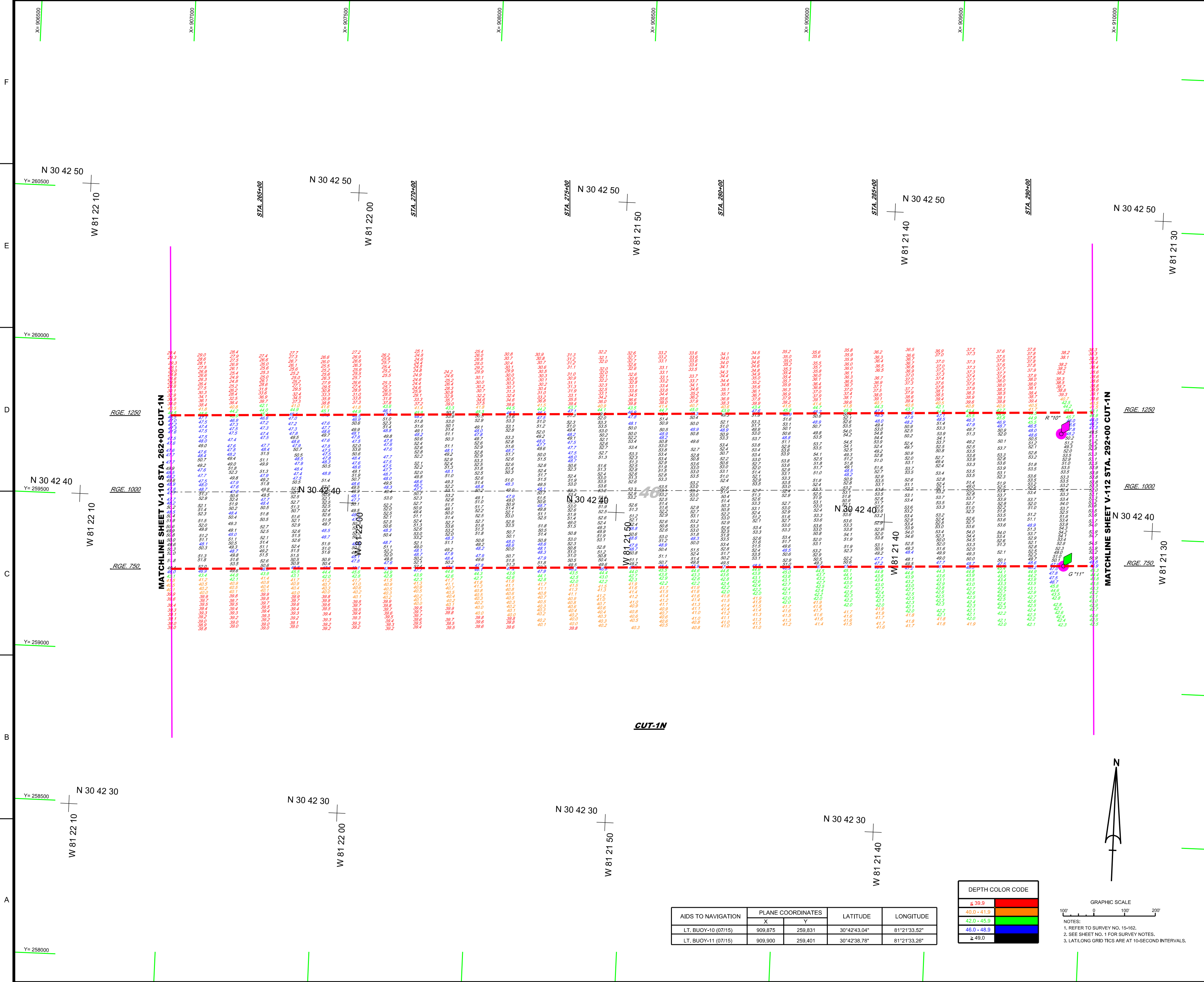
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15-162-BAV-10.DGN
15-162-BAV-10.DGN
15-162-BAV-10.DGN
15-162-BAV-10.DGN

BIMONTHLY EXAMINATION SURVEY - JULY 2015
46 - FOOT PROJECT

PLAN

STA. 262+00 THRU STA. 292+00 CUT-IN

SHEET 11 OF 18

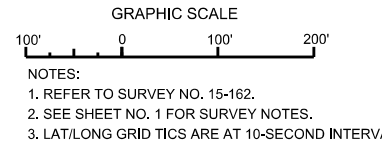


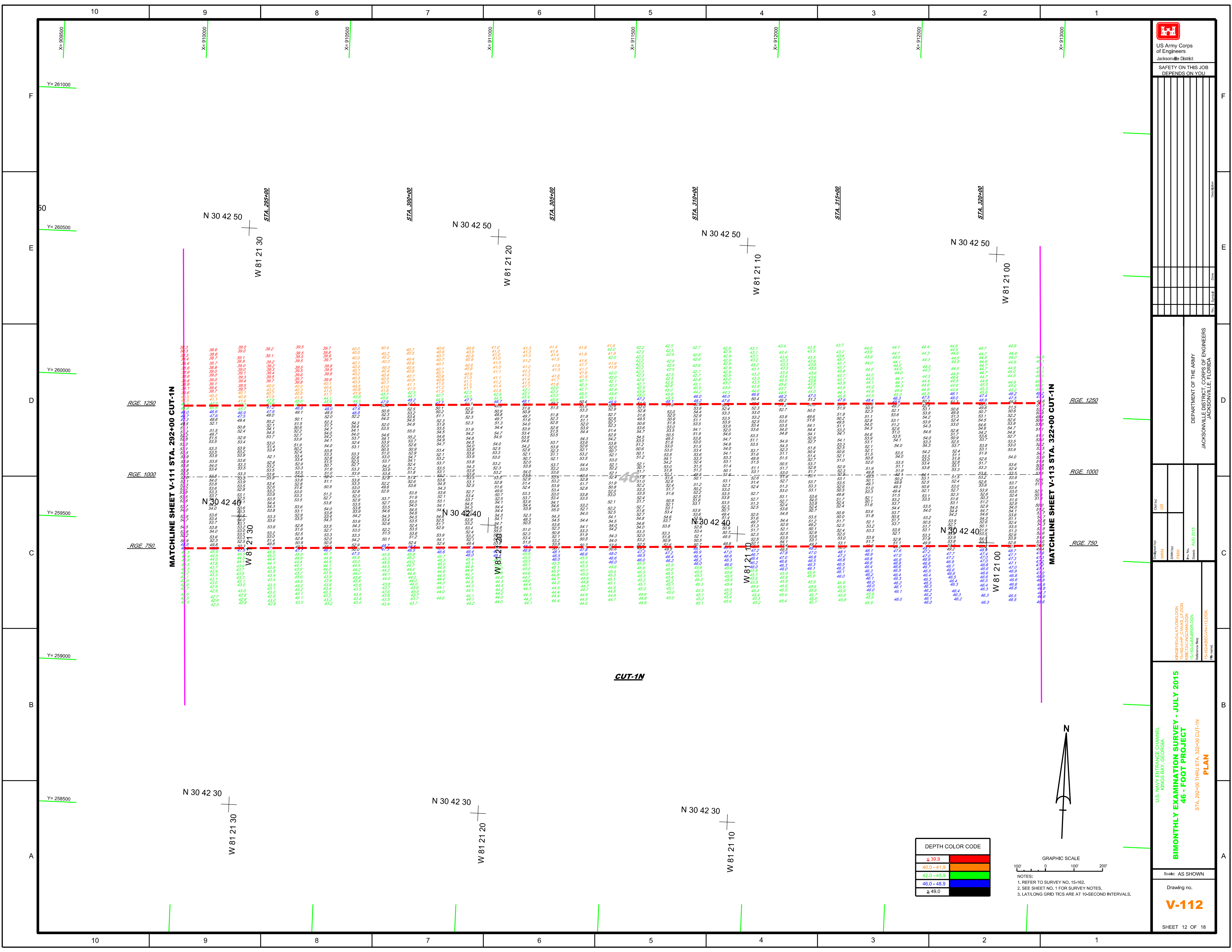
DEPTH COLOR CODE

≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 43.9	Yellow
44.0 - 45.9	Green
46.0 - 48.9	Blue
≥ 49.0	Dark Blue

AIDS TO NAVIGATION

PLANE COORDINATES		LATITUDE	LONGITUDE	
X	Y			
LT. BUOY-10 (0715)	909,875	259,831	30°42'43.04"	81°21'33.52"
LT. BUOY-11 (0715)	909,900	259,401	30°42'38.78"	81°21'33.26"





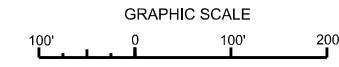
Zone	Dist.	Surveyed

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

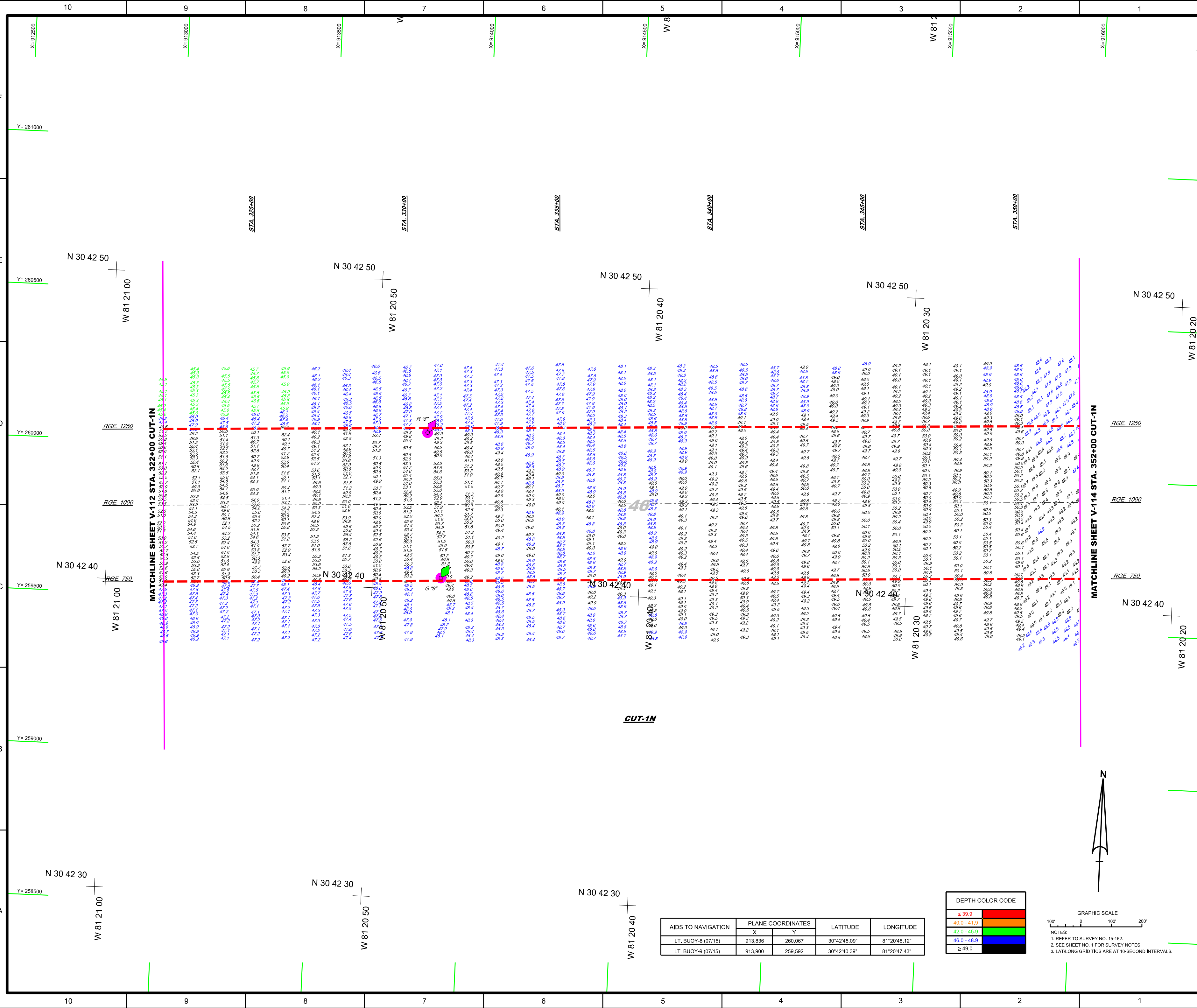
Checked by:	GR
Designed by:	WBM
DRAWN BY:	FWW
Date:	AUG 2015
Revised:	

DEPTH COLOR CODE

≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue



NOTES:
 1. REFER TO SURVEY NO. 15-162.
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.
 3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.



DEPTH COLOR CODE

≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

AIDS TO NAVIGATION

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-8 (07/15)	913.836	260.067	30°42'45.09"	81°20'48.12"
LT. BUOY-9 (07/15)	913.900	259.592	30°42'40.39"	81°20'47.43"

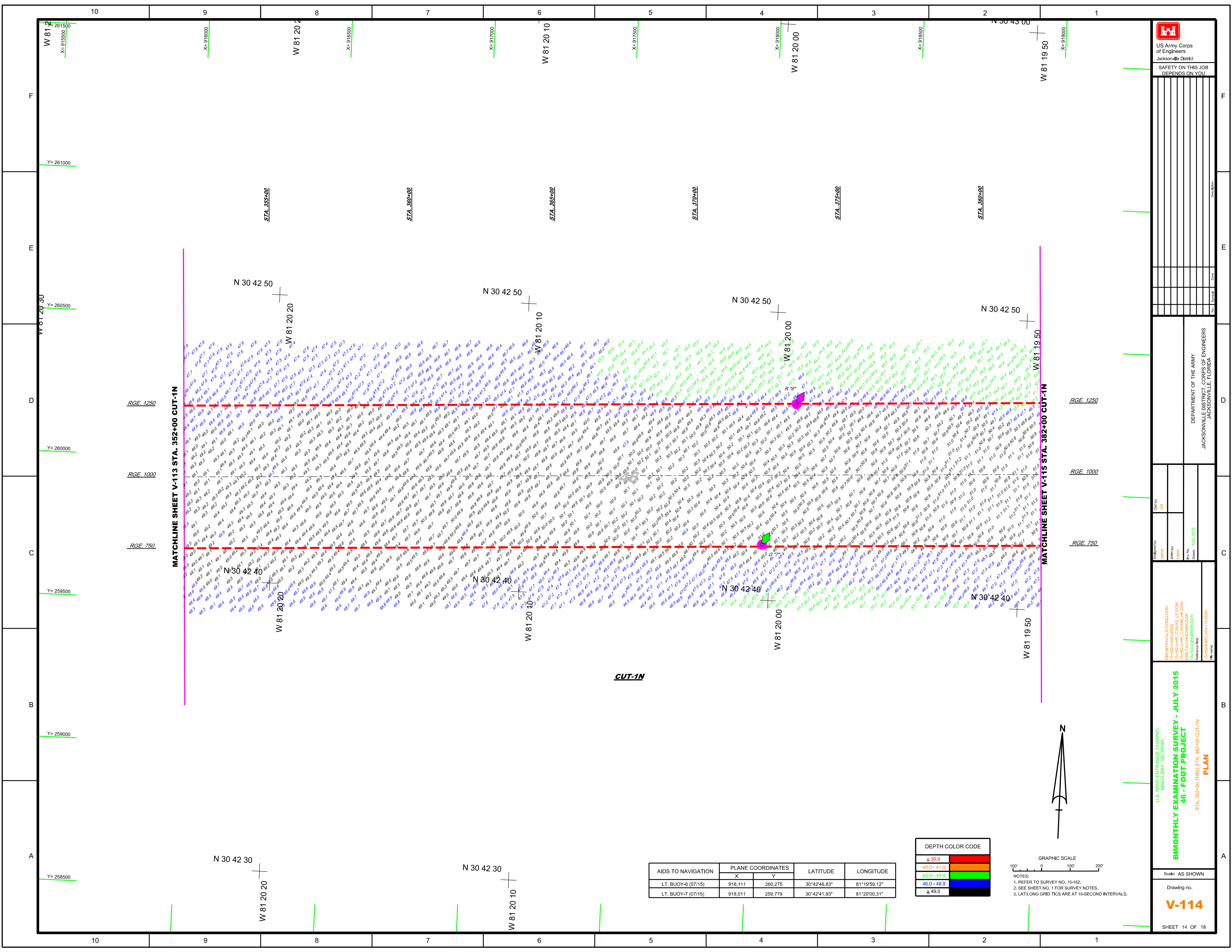


NOTES:
 1. REFER TO SURVEY NO. 15-162.
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.
 3. LAT/LONG GRID TICCS ARE AT 10-SECOND INTERVALS.

MATCHLINE SHEET V-112 STA. 322+00 CUT-IN

MATCHLINE SHEET V-114 STA. 352+00 CUT-IN

CUT-IN



MATCHLINE SHEET V-113 STA. 352+00 CUT-IN

RGE 1250

RGE 1000

RGE 750

MATCHLINE SHEET V-115 STA. 382+00 CUT-IN

RGE 1250

RGE 1000

RGE 750

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-6 (07/15)	918,111	260,275	30°42'46.83"	81°19'59.12"
LT. BUOY-7 (07/15)	918,011	259,779	30°42'41.93"	81°20'00.31"

DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

GRAPHIC SCALE
100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 15-162.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICCS ARE AT 10-SECOND INTERVALS.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB
DEPENDS ON YOU

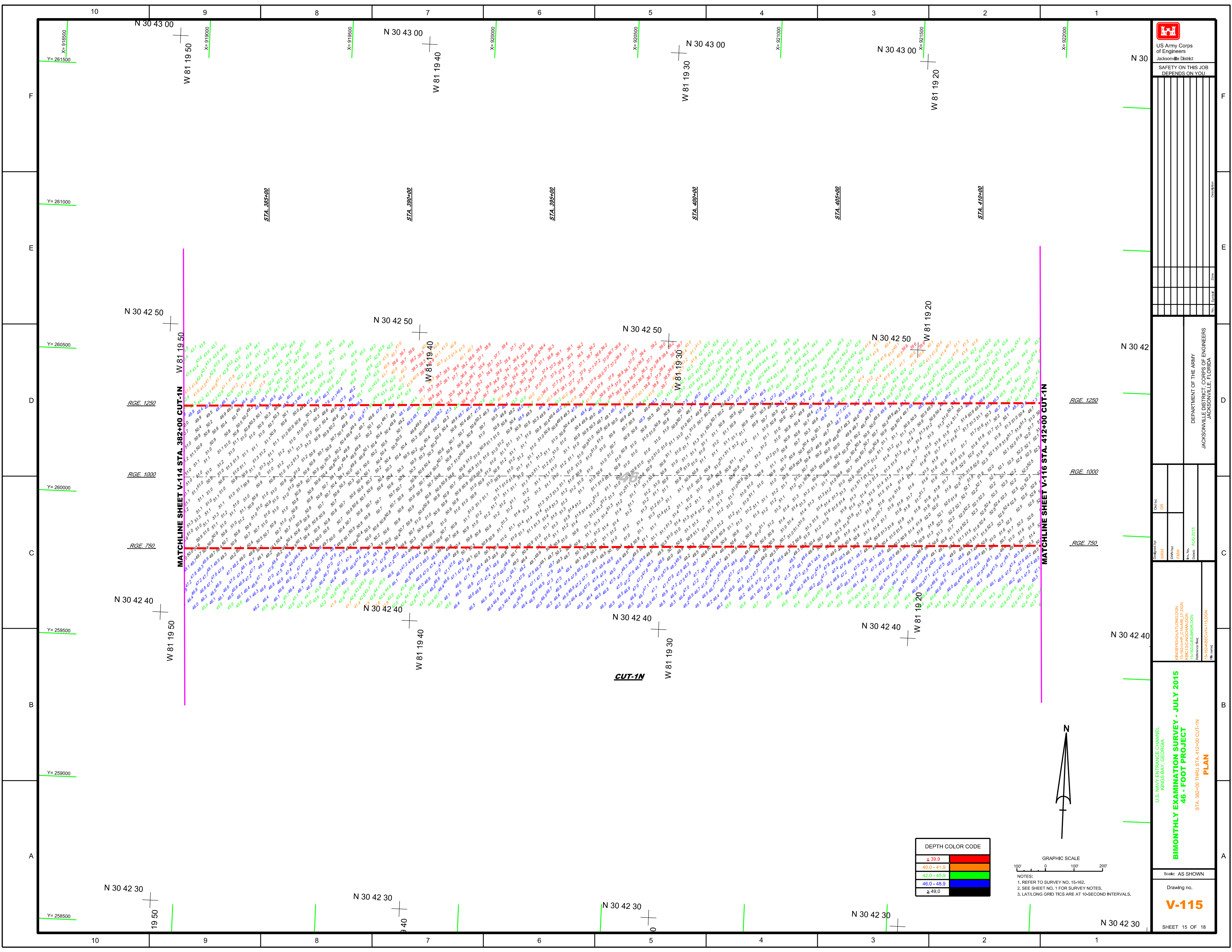
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

<small>Checked by:</small> WTR	<small>Drawn by:</small> FWW	<small>Scale:</small> AS SHOWN	<small>Date:</small> AUG 2015
<small>Project No.:</small> 15-162-NAV-DON		<small>Revision No.:</small> 1	
<small>Project Name:</small> KINGS BAY, GEORGIA		<small>Revision Description:</small> BIMONTHLY EXAMINATION SURVEY - JULY 2015	
<small>Project Location:</small> KINGS BAY, GEORGIA		<small>Revision Title:</small> 46 - FOOT PROJECT	
<small>Project Number:</small> 15-162-NAV-DON		<small>Revision Date:</small> AUG 2015	
<small>Project Title:</small> U.S. NAVY ENTRANCE CHANNEL KINGS BAY, GEORGIA		<small>Revision Author:</small> PLAN	
<small>Project Description:</small> BIMONTHLY EXAMINATION SURVEY - JULY 2015		<small>Revision Number:</small> 1	
<small>Project Location:</small> KINGS BAY, GEORGIA		<small>Revision Title:</small> 46 - FOOT PROJECT	
<small>Project Number:</small> 15-162-NAV-DON		<small>Revision Date:</small> AUG 2015	
<small>Project Title:</small> U.S. NAVY ENTRANCE CHANNEL KINGS BAY, GEORGIA		<small>Revision Author:</small> PLAN	
<small>Project Description:</small> BIMONTHLY EXAMINATION SURVEY - JULY 2015		<small>Revision Number:</small> 1	
<small>Project Location:</small> KINGS BAY, GEORGIA		<small>Revision Title:</small> 46 - FOOT PROJECT	
<small>Project Number:</small> 15-162-NAV-DON		<small>Revision Date:</small> AUG 2015	
<small>Project Title:</small> U.S. NAVY ENTRANCE CHANNEL KINGS BAY, GEORGIA		<small>Revision Author:</small> PLAN	

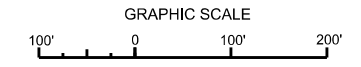
Scale: AS SHOWN

Drawing no. **V-114**


SHEET 14 OF 18



DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue



NOTES:
 1. REFER TO SURVEY NO. 15-162.
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.
 3. LAT/LONG GRID TIC'S ARE AT 10-SECOND INTERVALS.



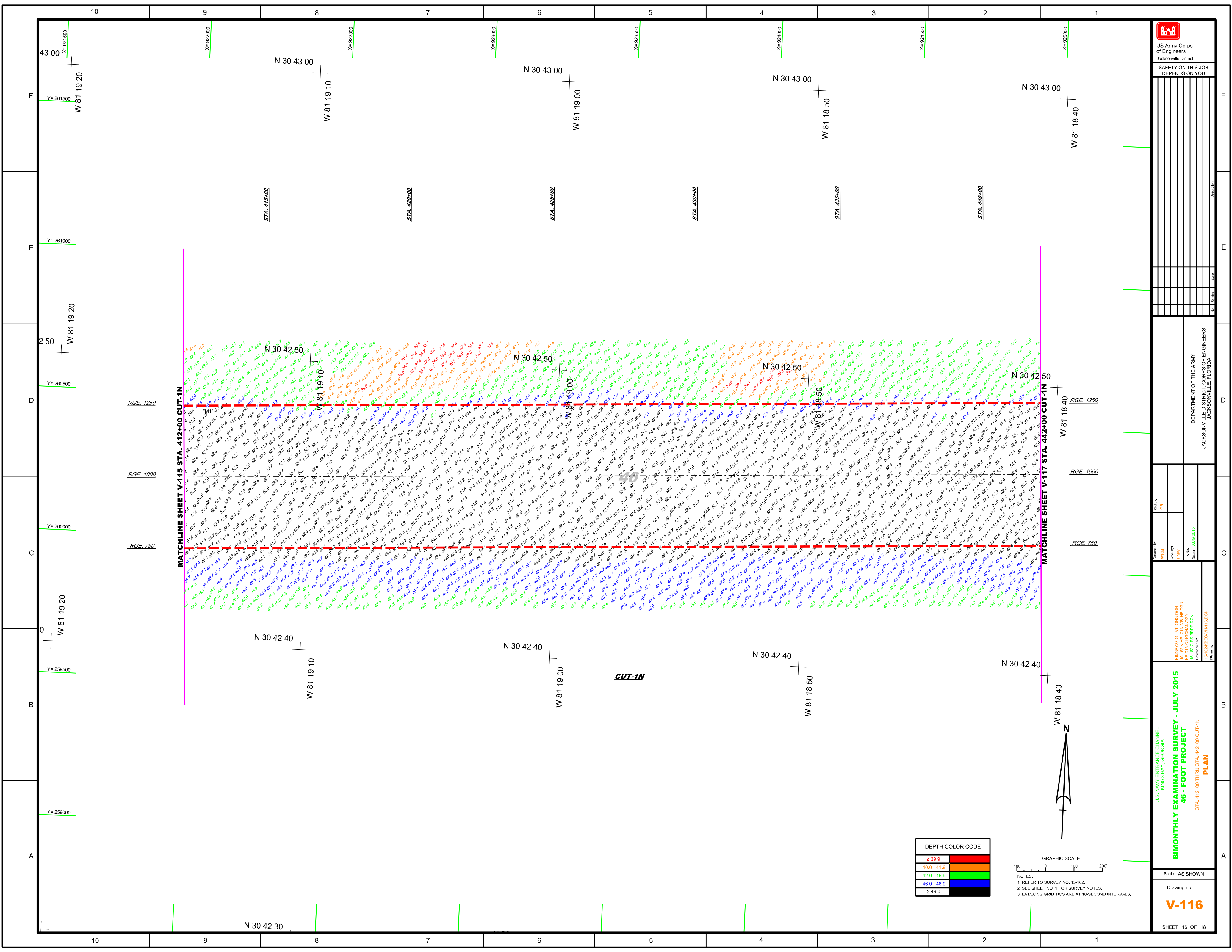
US Army Corps of Engineers
 Jacksonville District
 SAFETY ON THIS JOB
 DEPENDS ON YOU

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

CHIEF: GRL
 DRAWN BY: FHW
 CHECKED BY: JLD
 DATE: AUG 2015

U.S. NAVY ENTRANCE CHANNEL
 KINGS BAY, GEORGIA
BIMONTHLY EXAMINATION SURVEY - JULY 2015
 46 - FOOT PROJECT
 PLAN
 STA. 382+00 THRU STA. 412+00 CUT-IN

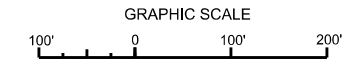
Scale: AS SHOWN
 Drawing no.
V-115
 SHEET 15 OF 18



MATCHLINE SHEET V-115 STA. 412+00 CUT-IN

MATCHLINE SHEET V-117 STA. 442+00 CUT-IN

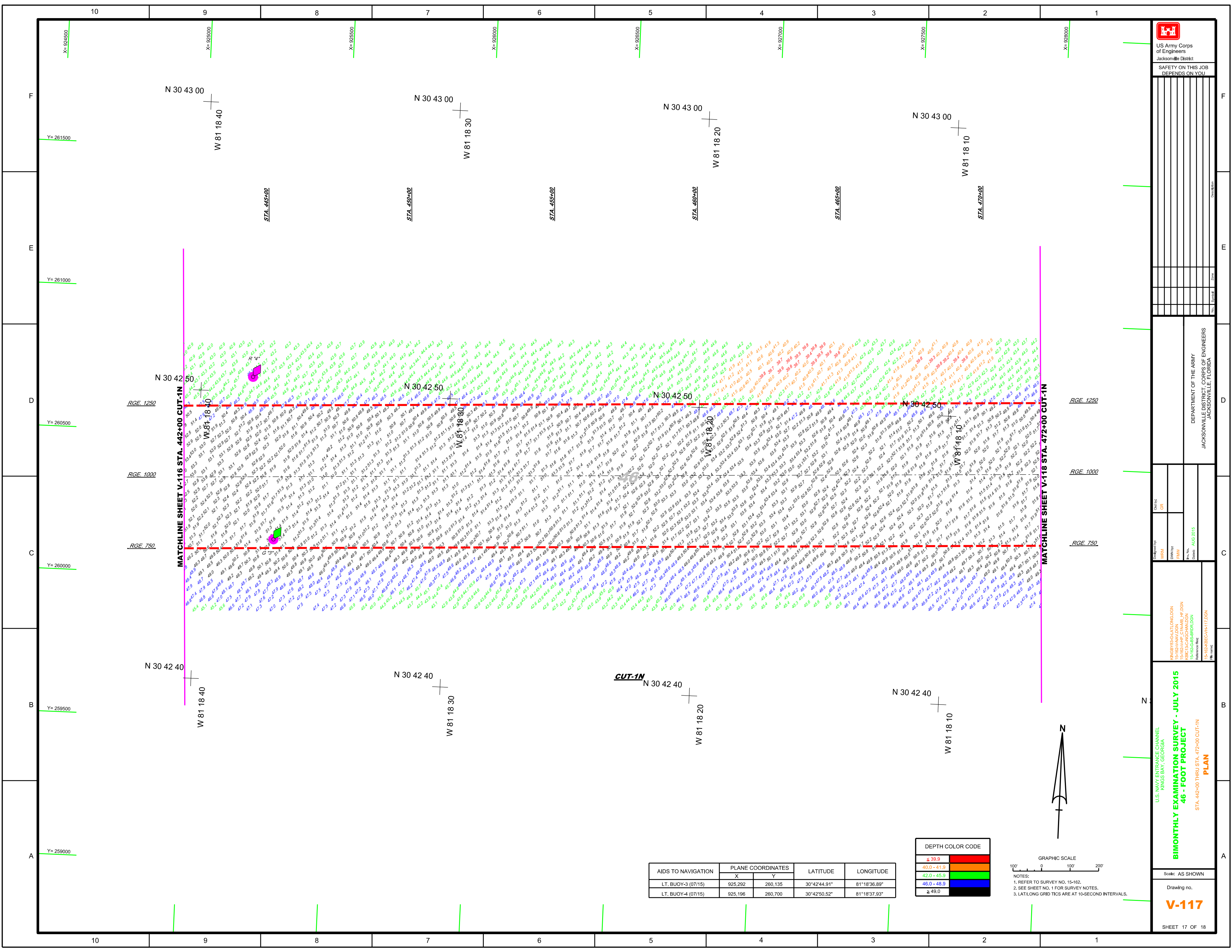
DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue



NOTES:
1. REFER TO SURVEY NO. 15-162.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.



CHARTER BY: GRL
 DRAWN BY: FHW
 DATE: AUG 2015
 PROJECT NO.: 15-162-REC-WH-116.DGN
 SHEET NO.: V-116



MATCHLINE SHEET V-116 STA. 442+00 CUT-IN
RGE. 1250
RGE. 1000
RGE. 750

MATCHLINE SHEET V-118 STA. 472+00 CUT-IN
RGE. 1250
RGE. 1000
RGE. 750

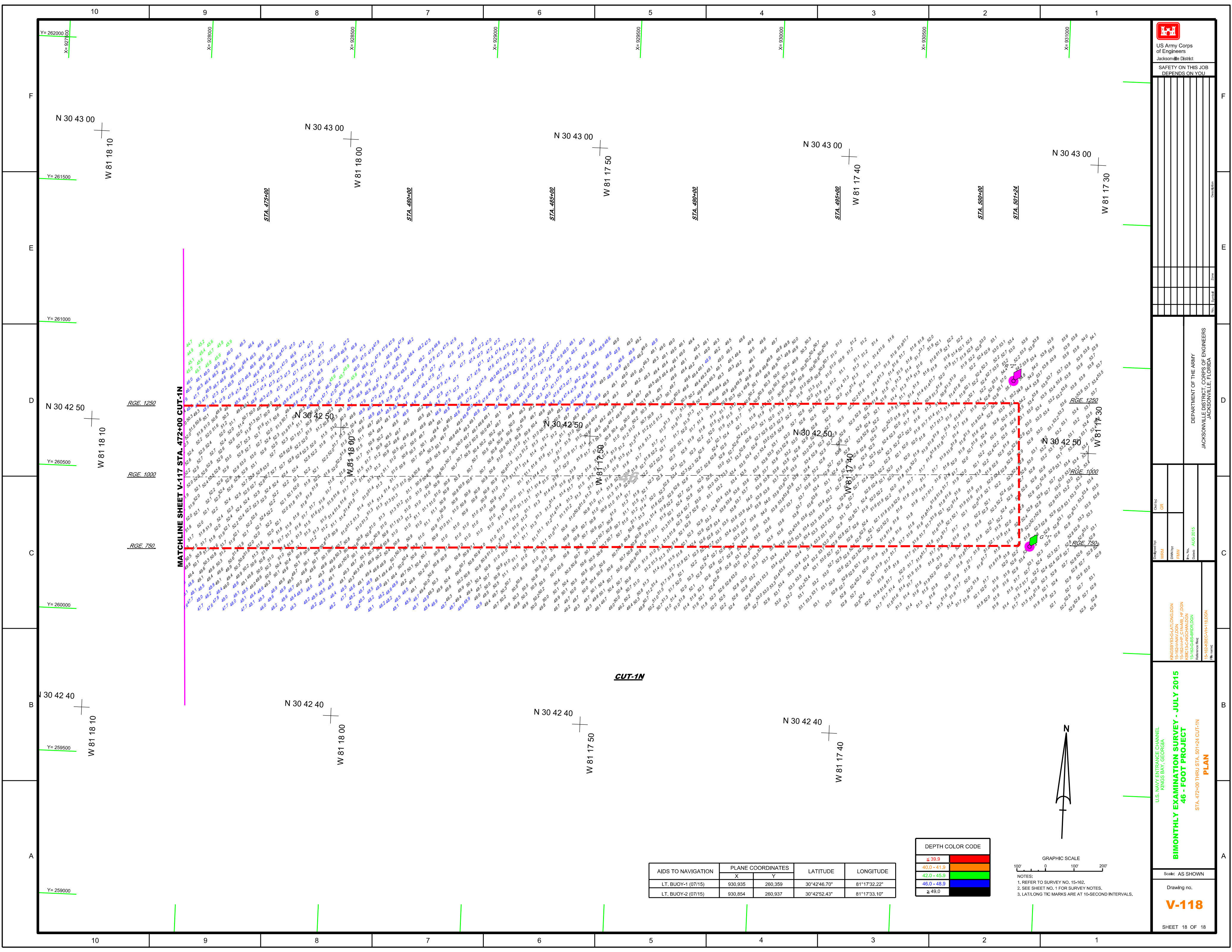
AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-3 (07/15)	925,292	260,135	30°42'44.91"	81°18'36.89"
LT. BUOY-4 (07/15)	925,196	260,700	30°42'50.52"	81°18'37.93"

DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

GRAPHIC SCALE
100' 0 100' 200'
NOTES:
1. REFER TO SURVEY NO. 15-162.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.



Coordinate grid labels: X=924500, X=925000, X=925500, X=926000, X=926500, X=927000, X=927500, X=928000; Y=259000, Y=260000, Y=260500, Y=261000, Y=261500; Stationing: STA. 445+00, STA. 450+00, STA. 455+00, STA. 460+00, STA. 465+00, STA. 470+00; Bearings: N 30 43 00, N 30 42 50, N 30 42 40; Distances: W 81 18 40, W 81 18 30, W 81 18 20; Matchlines: MATCHLINE SHEET V-116 STA. 442+00 CUT-IN, MATCHLINE SHEET V-118 STA. 472+00 CUT-IN; Ranges: RGE. 1250, RGE. 1000, RGE. 750; Title: BIMONTHLY EXAMINATION SURVEY - JULY 2015, 46 - FOOT PROJECT, PLAN; Sheet: SHEET 17 OF 18.



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-1 (07/15)	930.935	260.359	30°42'46.70"	81°17'32.22"
LT. BUOY-2 (07/15)	930.854	260.937	30°42'52.43"	81°17'33.10"

DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

GRAPHIC SCALE
100' 0 100' 200'
NOTES:
1. REFER TO SURVEY NO. 15-162.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.
3. LAT/LONG TIC MARKS ARE AT 10-SECOND INTERVALS.