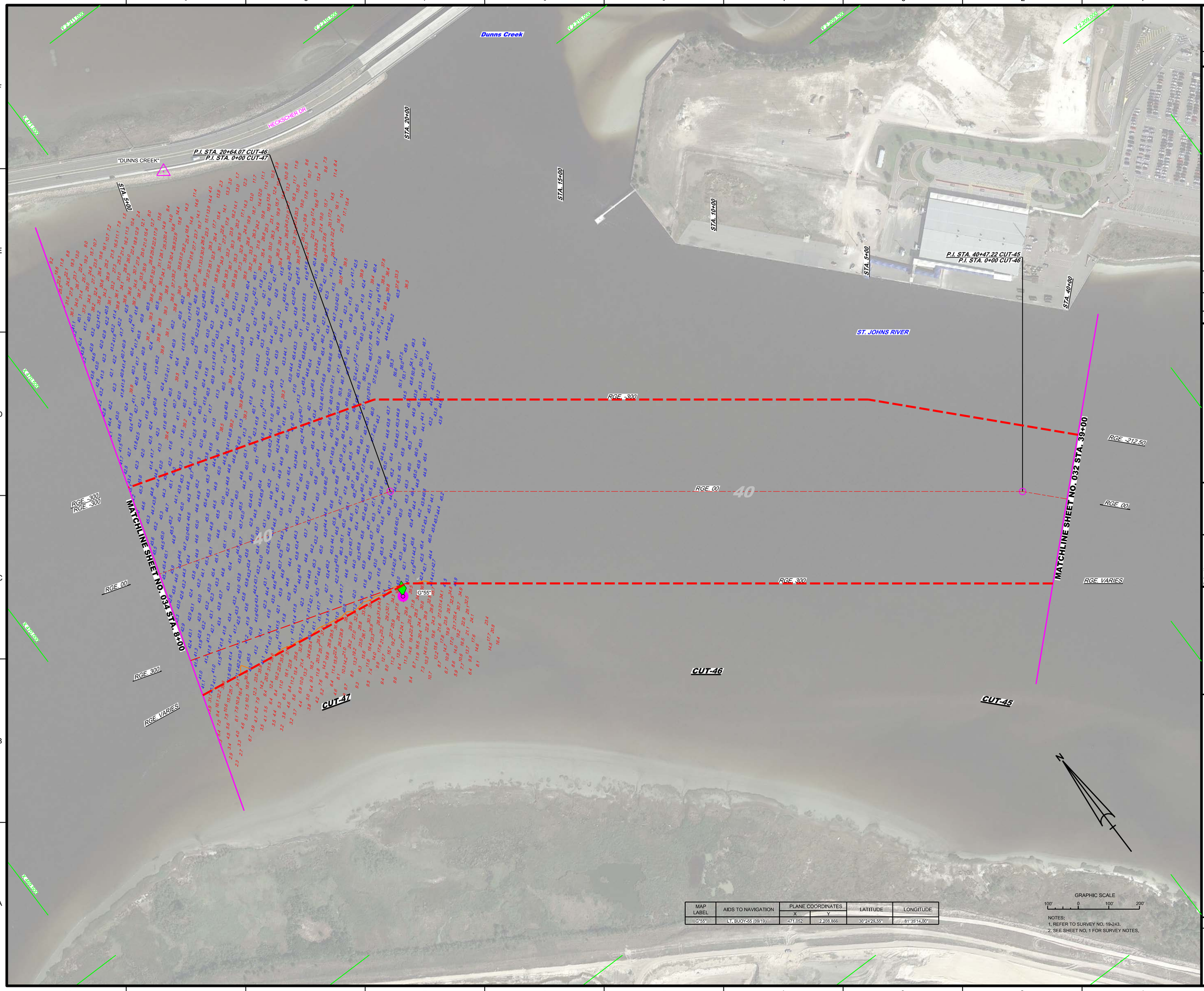


MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"55"	LT. BUOY-55 (09/19)	471,052	2,208,866	30°24'29.55"	81°35'14.90"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 19-243.
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: VIRM
Drawn by: VIRM
Checked by: CMR
Rev. No.
Date: SEP 2019

I:\XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
19-243-A-NAV.DGN
19-243-A-SOUND.DGN
19-243-A-SOUN_CT47.DGN
JAXHIBR_HYBRID_MAR2013_NAD83HARN.DGN
19-243-H-SHEET.DGN
Reference files:
19-243-VH-139.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

4th QUARTER EXAM SURVEY FY19
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 39+00 CUT-45 THRU STA. 8+00 CUT-47

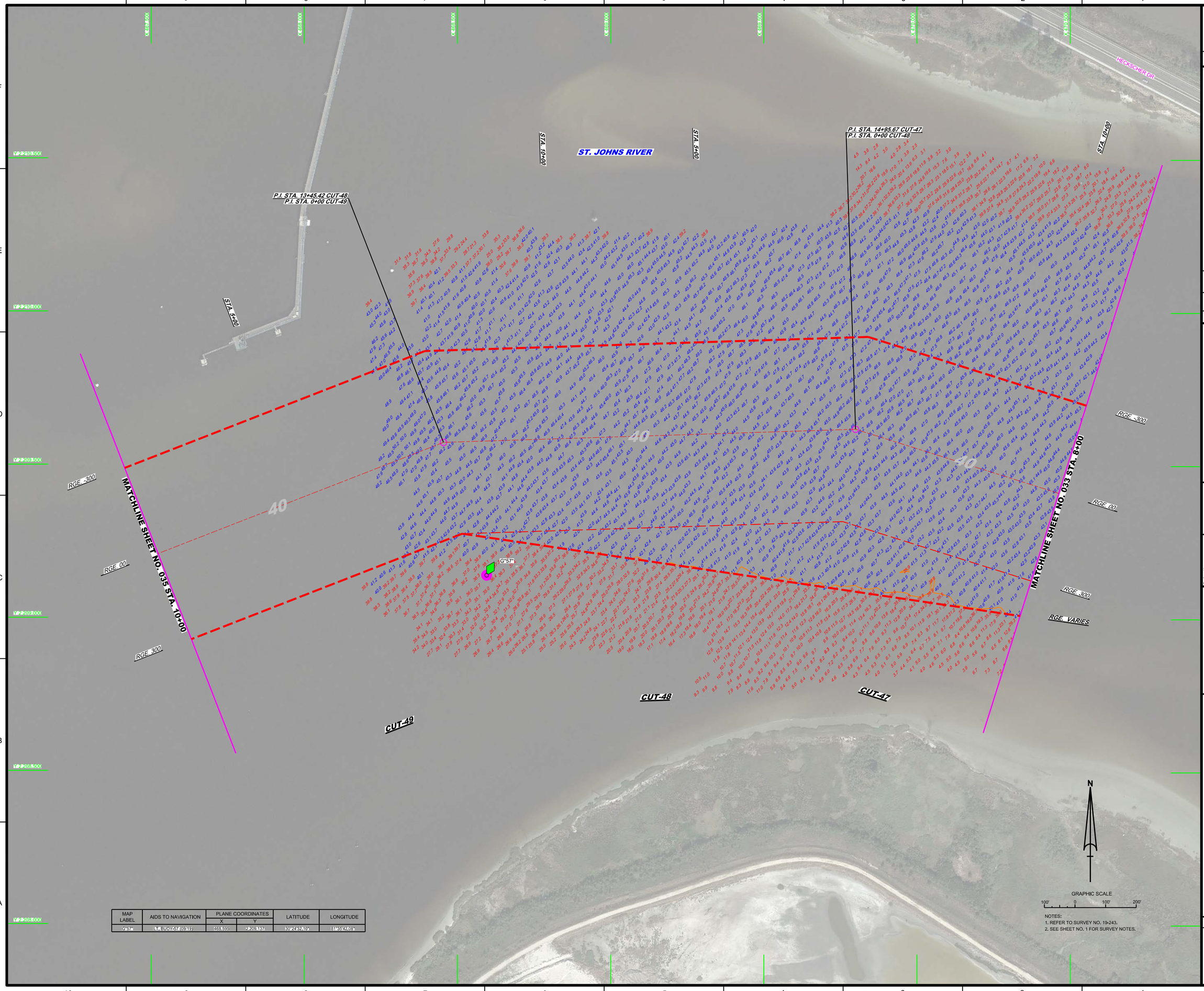
PLAN

Scale: AS SHOWN

Drawing no.

21 / 32

SHEET 33 OF 57



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"57"	LT. BUOY-57 (09/19)	468,595	2,208,137	30°24'32.10"	81°35'42.08"

NOTES:
1. REFER TO SURVEY NO. 19-243.
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: VIRM
DWN by: VIRM
Ckd by: GMR
Rev. No.
Date: SEP 2019

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
19-243-V-NAV.DGN
19-243-X-CONAD.DGN
19-243-X-SOUN_CUT.DGN
19-243-X-SOUN_CAB.DGN
JAXHBR_HYBRID_MAR2013_NAD83HARN.DGN
19-243-X-HS-BRDR.DGN
Reference files:
19-243-V-H-034.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

4th QUARTER EXAM SURVEY FY19
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 8+00 CUT-47 THRU STA. 10+00 CUT-49

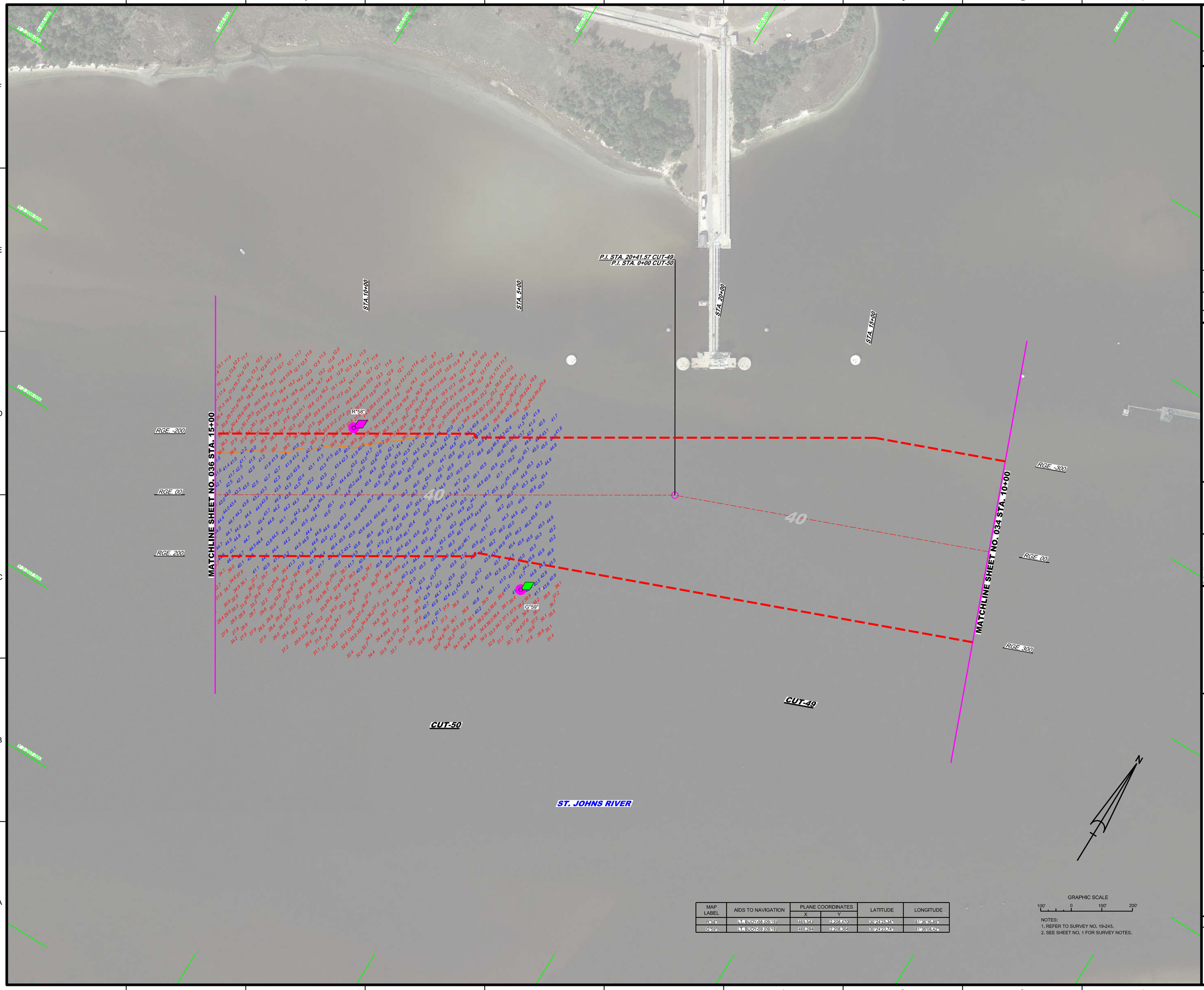
PLAN

Scale: AS SHOWN

Drawing no.

22 / 32

SHEET 34 OF 57



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"58"	LT. BUOY-58 (09/19)	465,543	2,208,470	30°24'25.34"	81°36'16.89"
G"59"	LT. BUOY-59 (09/19)	466,284	2,208,304	30°24'23.74"	81°36'08.42"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 19-243.
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: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No.
Date: SEP 2019

I:\XXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
19-243-XC-CONHD.DGN
19-243-XA-ALL_CONS.DGN
19-243-VI-SOUN_CS5.DGN
JAXHYBR_HYBRID_MAR2013_NAD83HARN.DGN
19-243-VE-SHDR.DGN
Reference files:
19-243-VH035.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

4th QUARTER EXAM SURVEY FY19
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 10+00 CUT-49 THRU STA. 15+00 CUT-50

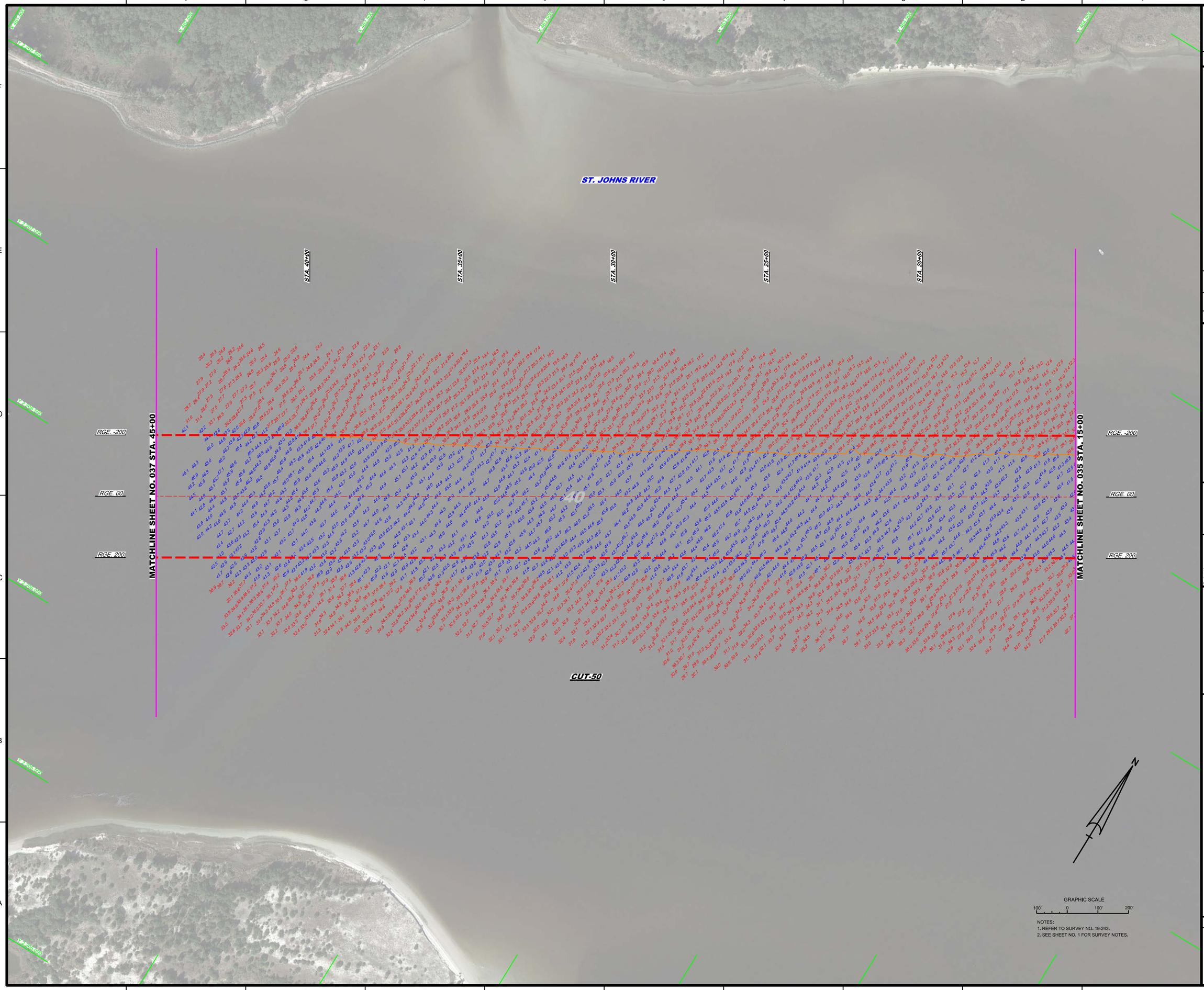
PLAN

Scale: AS SHOWN

Drawing no.

23 / 32

SHEET 35 OF 57



NOTES:
1. REFER TO SURVEY NO. 19-243.
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
Drawn by: WRM
Chk by: GMR
Proj. No.
Date: SEP 2019

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
19-243-A-SOUN_LOU.DGN
JAXHBR_HYBRID_MAR2013_NAD83HARN.DGN
19-243-A-SRP-BRDR.DGN
Reference files
19-243-VH-H08.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

4th QUARTER EXAM SURVEY FY19
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 15+00 THRU STA. 45+00 CUT-50

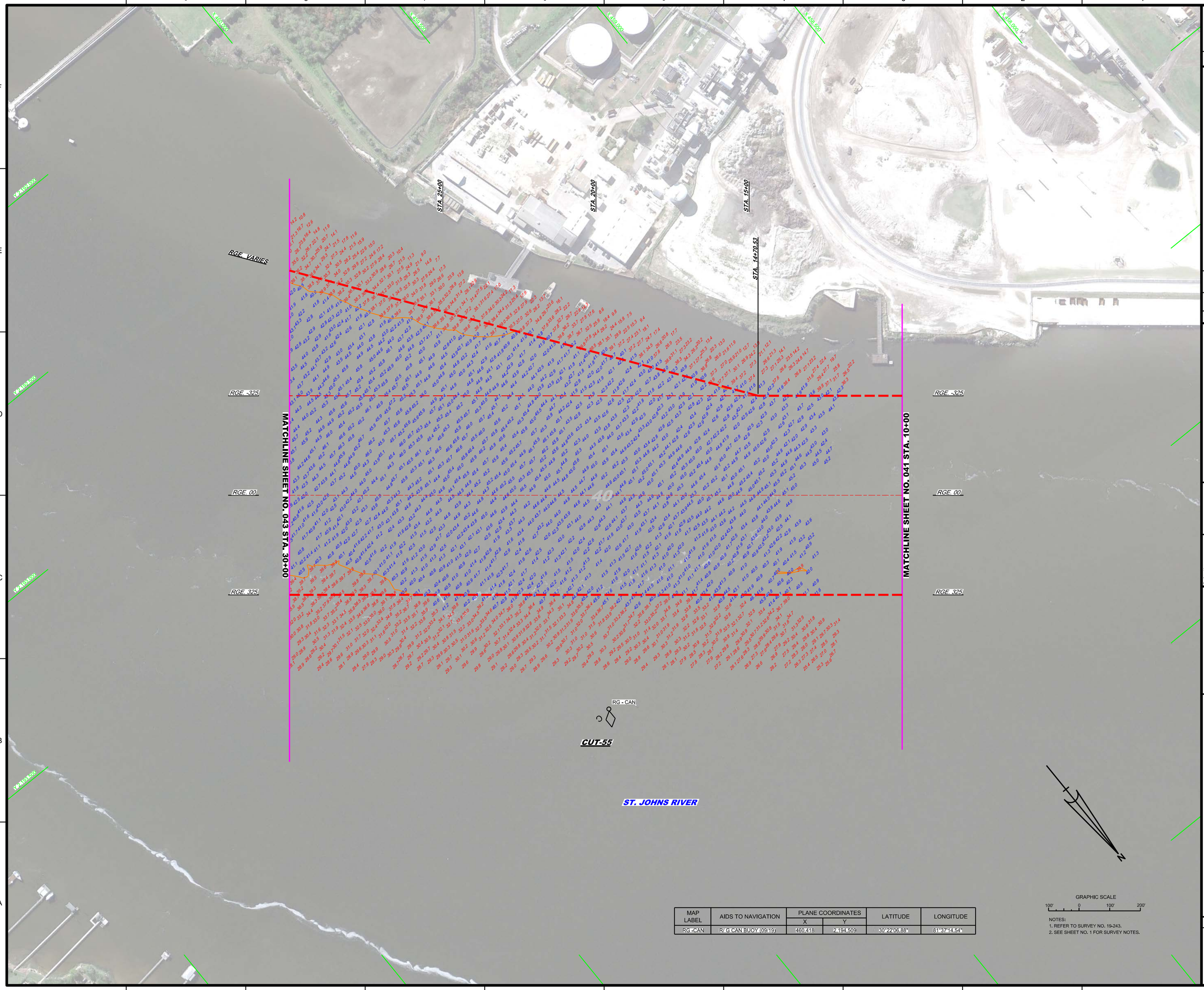
PLAN

Scale: AS SHOWN

Drawing no.

24 / 32

SHEET 36 OF 57



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
RG -CAN	R/ G CAN BUOY (09/19)	460,418	2,194,509	30°22'06.88"	81°37'14.54"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 19-243.
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: MRM
DWN by: MRM
Ckd by: GMR
Proj. No.
Date: SEP 2019

XX-XXXXXXXX-XXXXXX.DGN
XXXXXXXXXX-XXXXXX.DGN
XXXXXXXXXX-XXXXXX.DGN
19-243-A-MAV.DGN
19-243-A-SOUN_CS-01.DGN
19-243-A-SOUN_CS5-1.DGN
JAX/HBR_HYBRID_MAR2013_NAD83HARN.DGN4
19-243-C-BS-BRDR.DGN
Reference files
19-243-VH-H32.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

4th QUARTER EXAM SURVEY FY19
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 10+00 THRU STA. 30+00 CUT-55

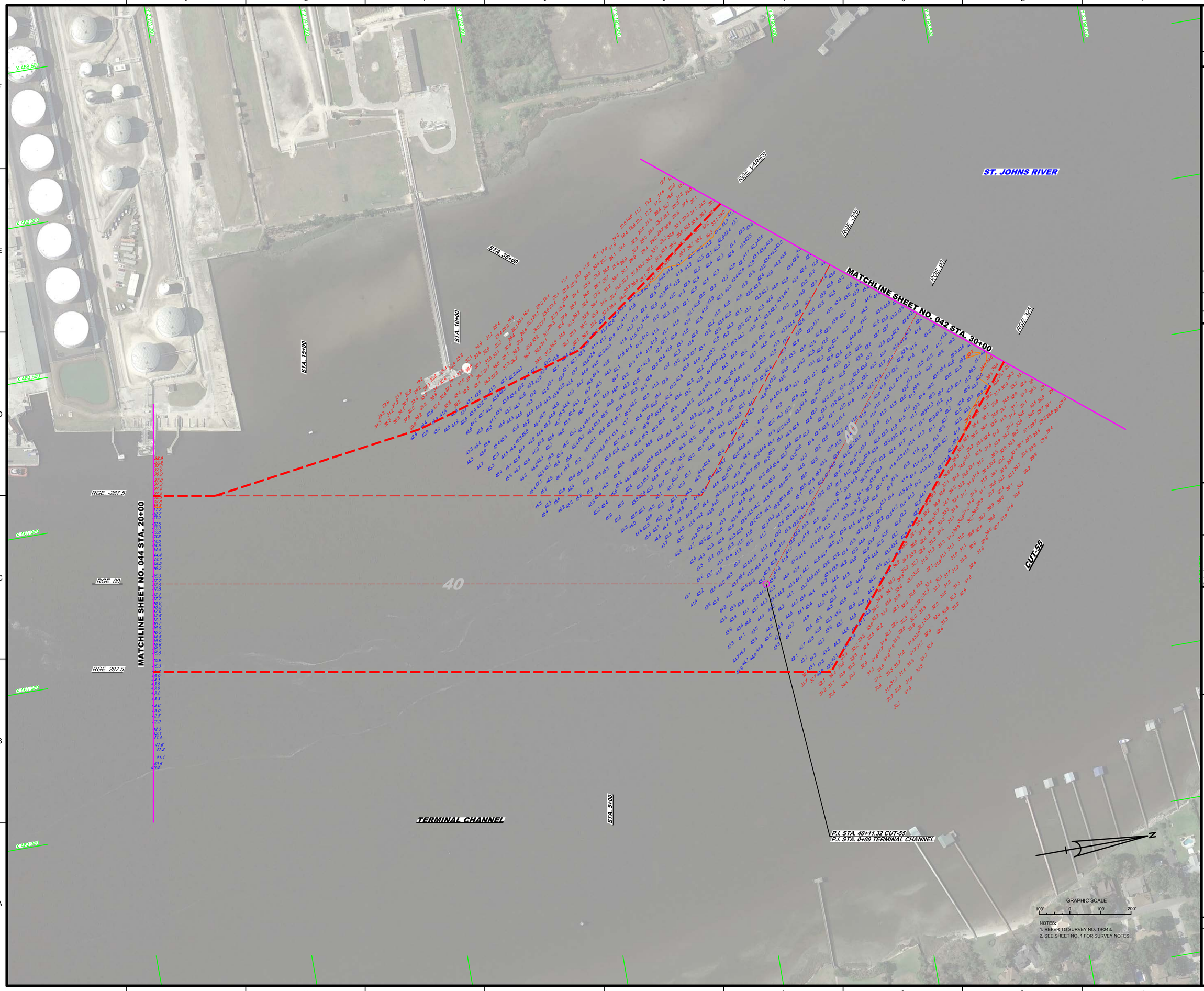
PLAN

Scale: AS SHOWN

Drawing no.

25 / 32

SHEET 42 OF 57



NOTES:
1. REFER TO SURVEY NO. 19-243.
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: GMR
Proj. No.
Date: SEP 2019

19-243-A-CON40.DGN
19-243-A-CON42-SHEET.DGN
19-243-SOUN_UTC-LT-55.DGN
JAXHBR_HYBRID_MAR2013_NAD83HARN.DGN
19-243-4-BR-BRGR.DGN
Reference files:
19-243-VHD43.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

4th QUARTER EXAM SURVEY FY19
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 30+00 CUT-55 THRU STA. 20+00 TERMINAL CHANNEL

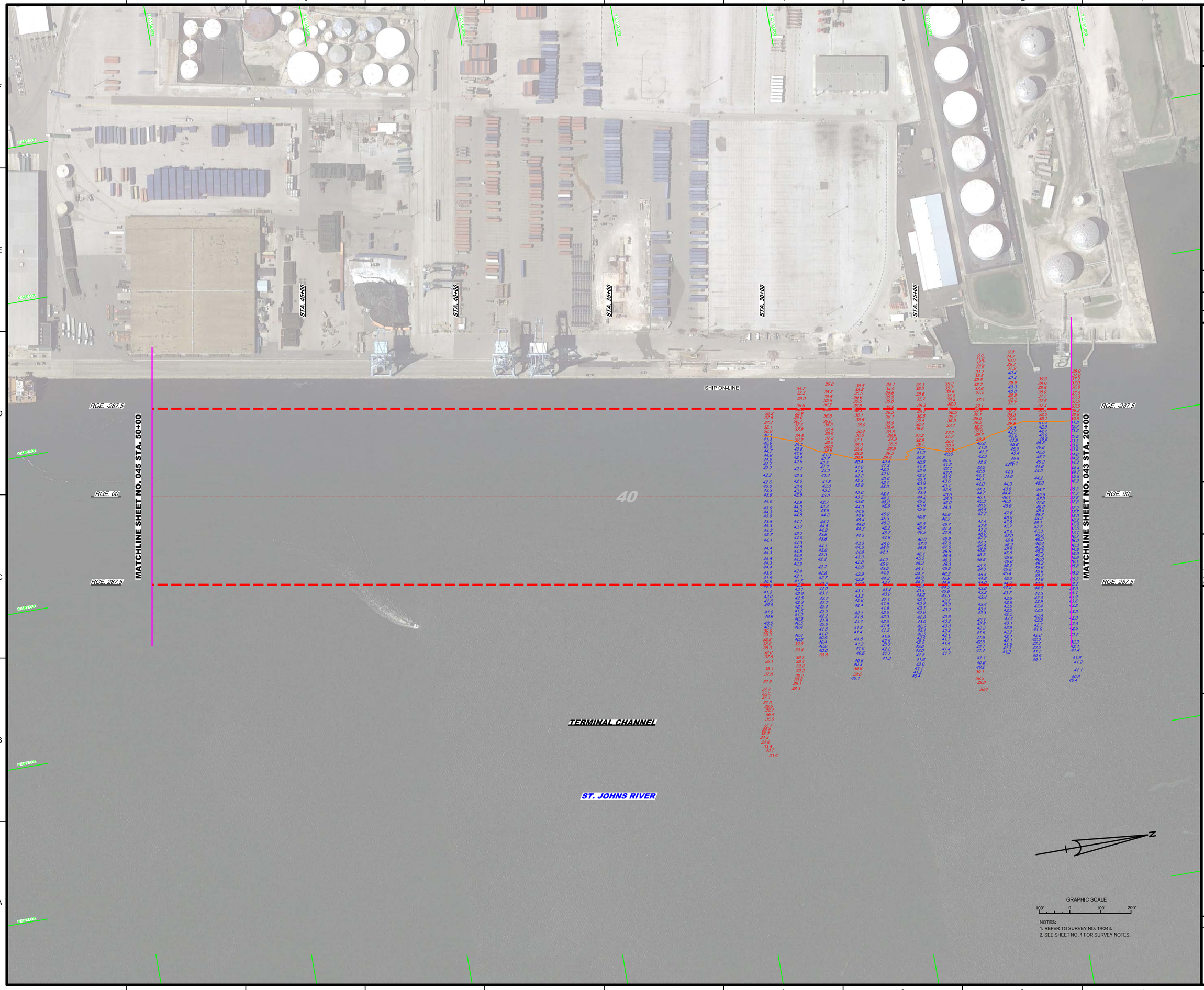
PLAN

Scale: AS SHOWN

Drawing no.

26 / 32

SHEET 43 OF 57



NOTES:
1. REFER TO SURVEY NO. 19-243.
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
Drawn by: WRM
Checked by: CMR
Rev. No.
Date: SEP 2019

XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
19-243-VERTICAL.DGN
19-243-UTM-SOUND_UTC-LF-SBL.DGN
JAXWBR_HYBRID_MAR2013_NAD83HARN.DGN
19-243-CESHORE.DGN
Reference files:
19-243-VHD44.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

4th QUARTER EXAM SURVEY FY19
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 20+00 THRU STA. 50+00 TERMINAL CHANNEL

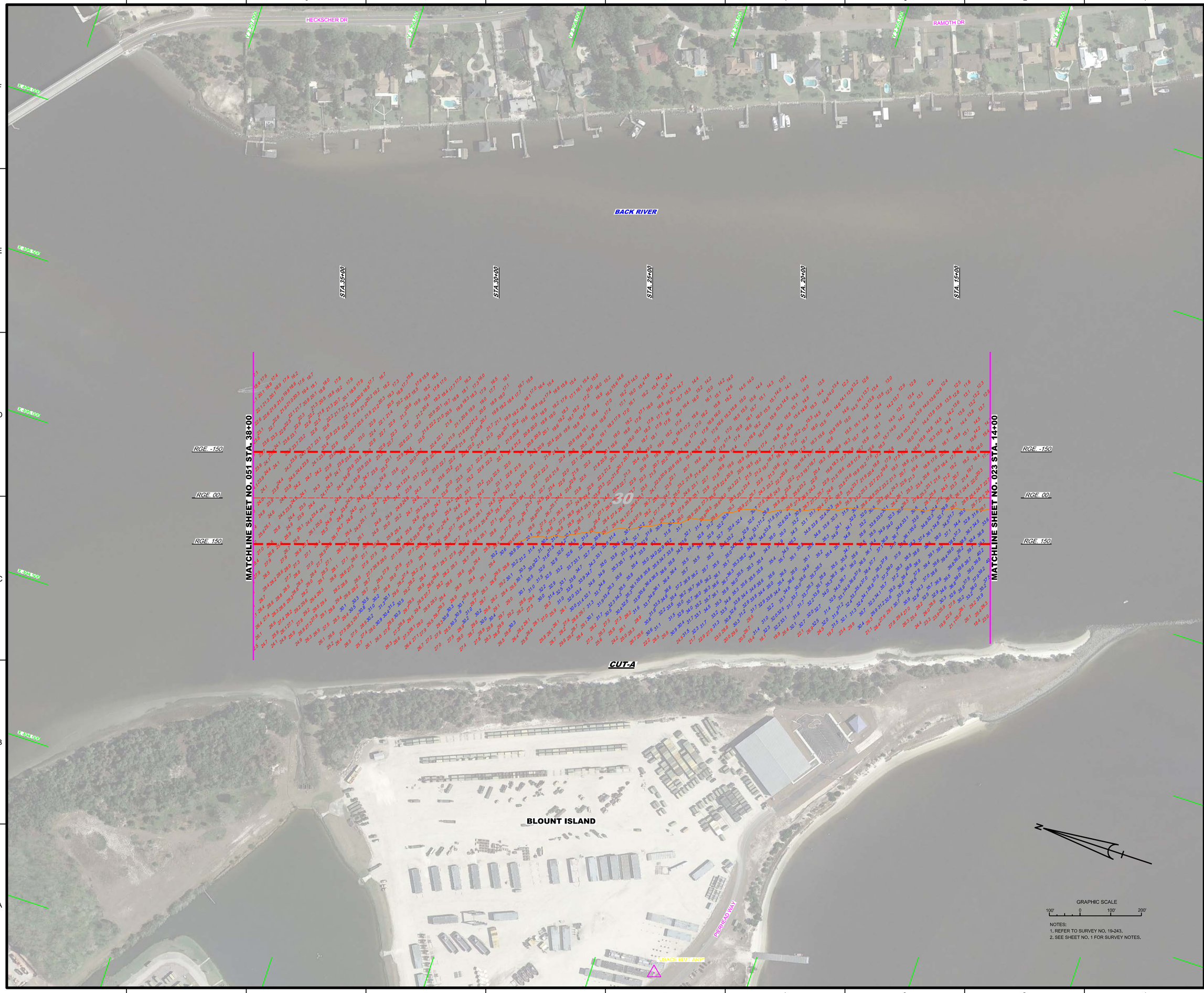
PLAN

Scale: AS SHOWN

Drawing no.

27 / 32

SHEET 44 OF 57



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
Checked by: CMR
Rev. No.
Date: SEP 2019

Reference files:
XXXXXXXXXX-XXXXXX.DGN
XXXXXXXXXX-XXXXXX.DGN
XXXXXXXXXX-XXXXXX.DGN
XXXXXXXXXX-XXXXXX.DGN
19-243-CONTOURS.DGN
19-243-VL-SOUN_CTA.DGN
JAXHIBR_HYBRID_MAR2013_NAD83HARN.DGN
19-243-2-SEG-BNDR.DGN
19-243-VH050.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

4th QUARTER EXAM SURVEY FY19
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 14+00 THRU STA. 38+00 CUT-A

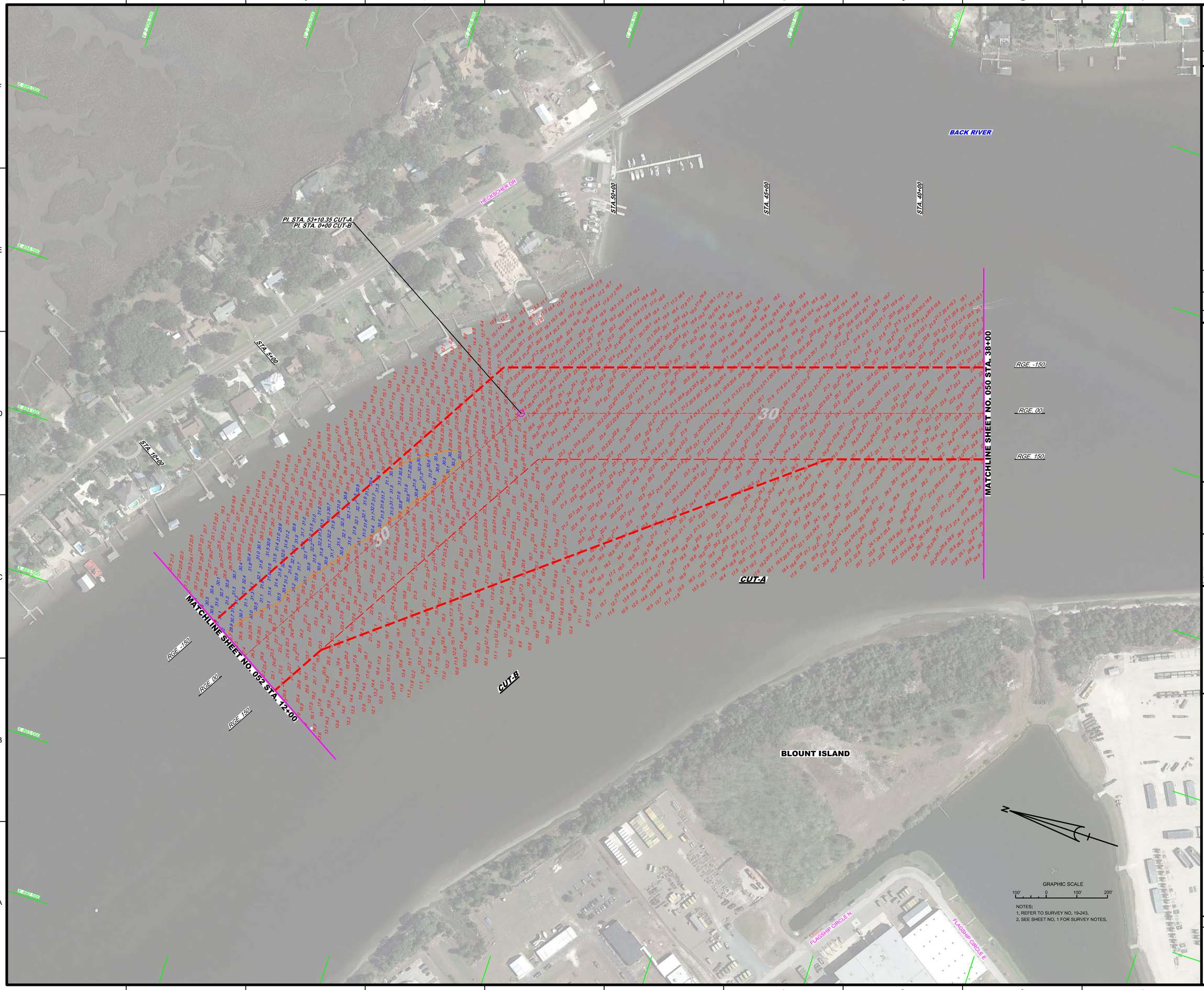
PLAN

Scale: AS SHOWN

Drawing no.

28 / 32

SHEET 50 OF 57



NOTES:
1. REFER TO SURVEY NO. 19-243.
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: MRM
DWN by: MRM
Ckd by: GMR
Proj. No.
Date: SEP 2019

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
19-243A-CON30.DGN
19-243A-SOUN_CUT.DGN
19-243A-SOUN_CTR.DGN
JAXHBR_HYBRID_MAR2013_NAD83HARN.DGN
19-243A-BR-BRGR.DGN
Reference files:
19-243-VRef51.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

4th QUARTER EXAM SURVEY FY19
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 38+00 CUT-A THRU STA. 12+00 CUT-B

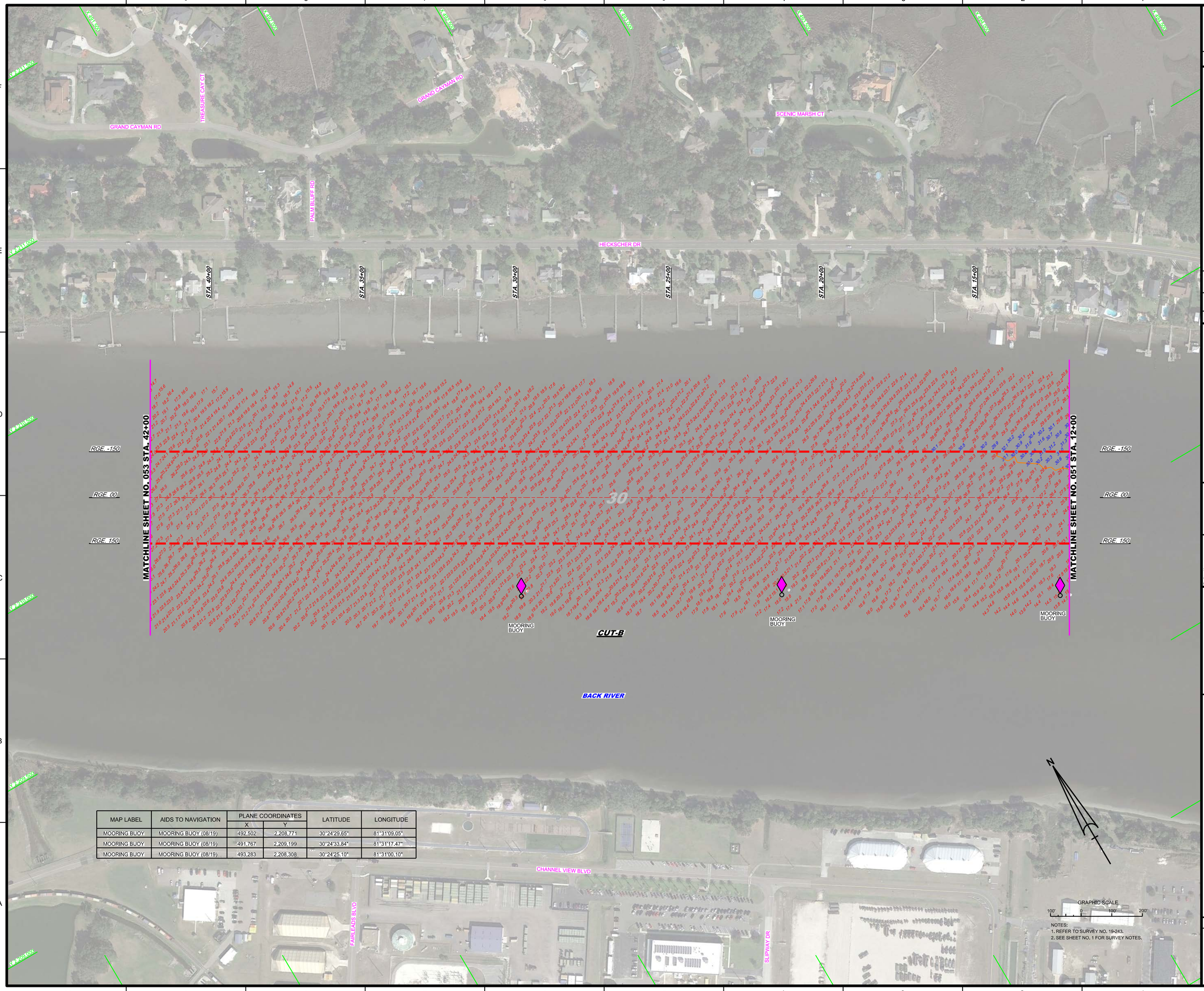
PLAN

Scale: AS SHOWN

Drawing no.

29 / 32

SHEET 51 OF 57



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
MOORING BUOY	MOORING BUOY (08/19)	492,502	2,208,771	30°24'29.65"	81°31'09.05"
MOORING BUOY	MOORING BUOY (08/19)	491,767	2,209,199	30°24'33.84"	81°31'17.47"
MOORING BUOY	MOORING BUOY (08/19)	493,283	2,208,308	30°24'25.10"	81°31'00.10"

NOTES:
1. REFER TO SURVEY NO. 19-243.
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: VIRM
Drawn by: VIRM
Checked by: CMR
Rev. No.
Date: SEP 2019

Reference files:
J:\XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
19-243-V-NAV.DGN
19-243-V-SOUND.DGN
19-243-V-SOUN_CTB.DGN
JAXHIBR_HYBRID_MAR2013_NAD83HARN.DGN
19-243-V-HS52-BNDR.DGN
19-243-V-HS52.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

4th QUARTER EXAM SURVEY FY19
30, 34, 38, 40 & 42-FOOT PROJECT

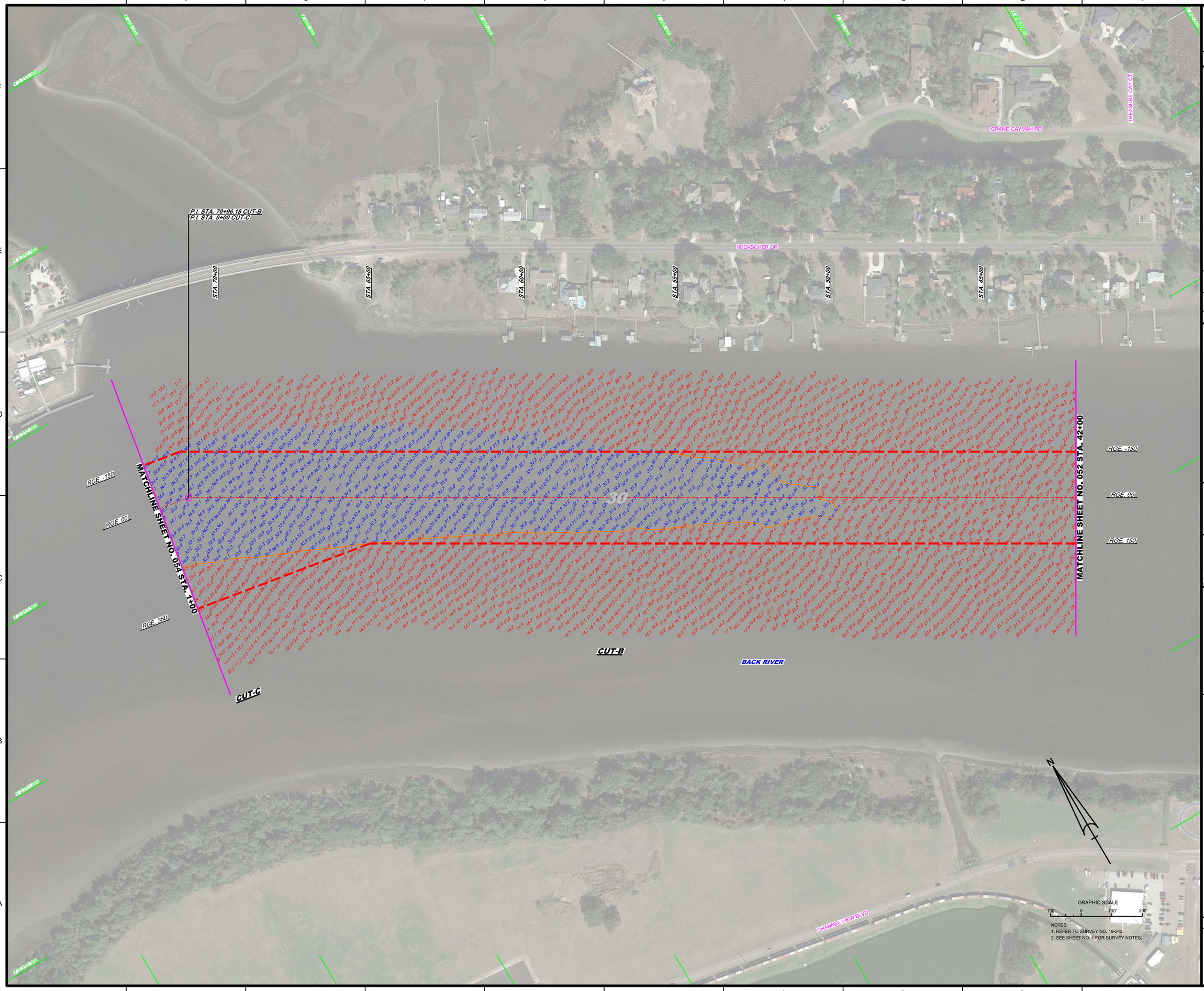
STA. 12+00 THRU STA. 42+00 CUT-B

PLAN

Scale: AS SHOWN

Drawing no.
30 / 32

SHEET 52 OF 57



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: GMR
Proj. No.
Date: SEP 2019

XXXXXXXXXX-XXXXXXXX.DGN
XXXXXXXXXX-XXXXXXXX.DGN
XXXXXXXXXX-XXXXXXXX.DGN
19-243-A-SOUN_CTR.DGN
JAX/HIR_HYBRID_MAR2013_NAD83HARN.DGN
19-243-C-BR-BRDR.DGN
Reference files:
19-243-XHH53.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

4th QUARTER EXAM SURVEY FY19
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 42+00 CUT-B THRU STA. 1+00 CUT-C

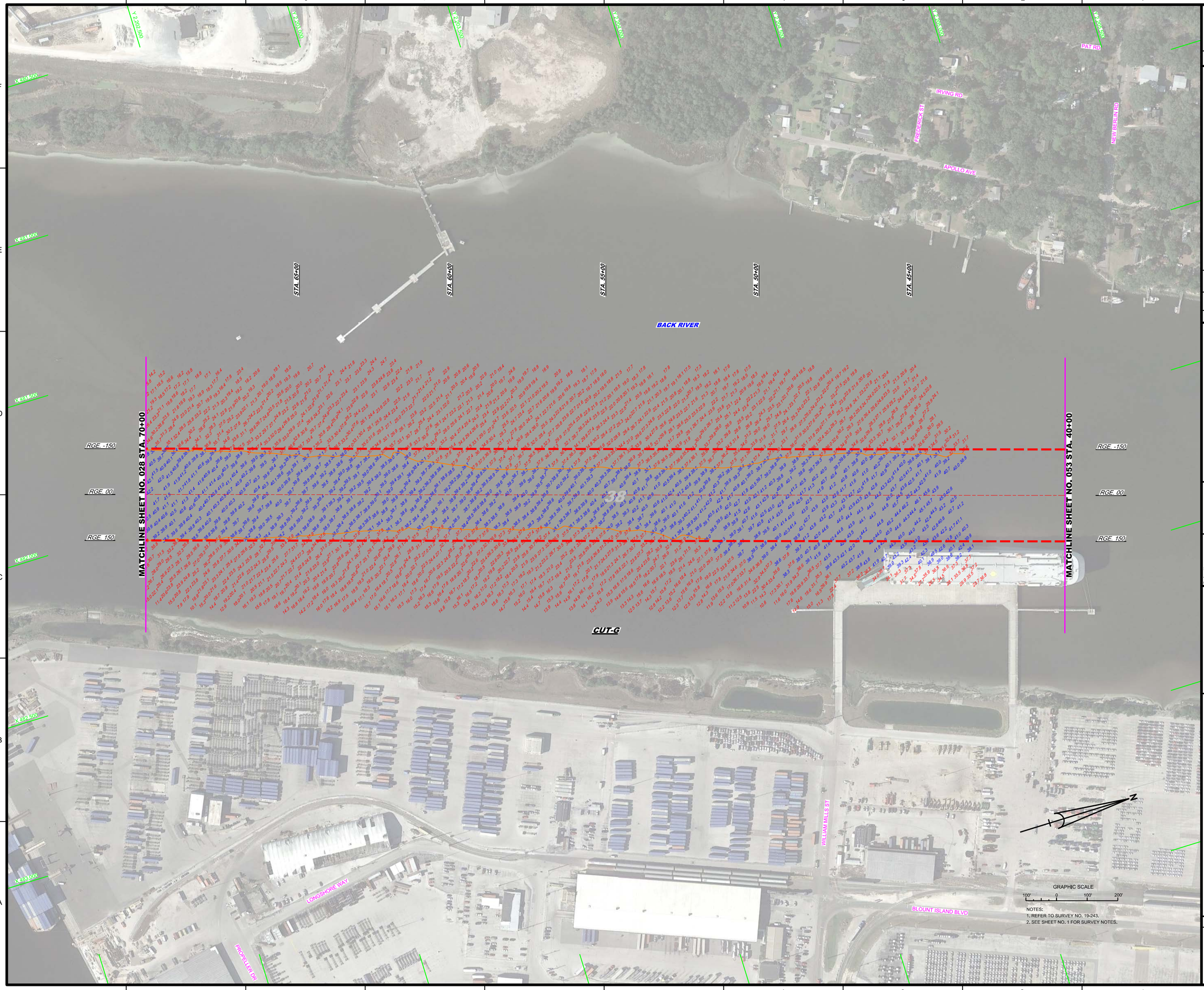
PLAN

Scale: AS SHOWN

Drawing no.

31 / 32

SHEET 53 OF 57



NOTES:
1. REFER TO SURVEY NO. 19-243.
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: VIRM
DWN by: VIRM
Ckd by: CMR
Rev. No.
Date: SEP 2019

J:\XXXXXXXXX-XXXXXX.DGN
J:\XXXXXXXXX-XXXXXX.DGN
J:\XXXXXXXXX-XXXXXX.DGN
J:\XXXXXXXXX-XXXXXX.DGN
J:\XXXXXXXXX-XXXXXX.DGN
19-243-VIRM-SOUNDING.DGN
19-243-CUT-G-LD.DGN
JAXHBR_HYBRID_MAR2013_NAD83HARN.DGN
19-243-CUT-G-SHEET.DGN
Reference files:
19-243-VIRM57.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

4th QUARTER EXAM SURVEY FY19
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 40+00 THRU STA. 70+00 CUT-G

PLAN

Scale: AS SHOWN

Drawing no.

32 / 32

SHEET 57 OF 57