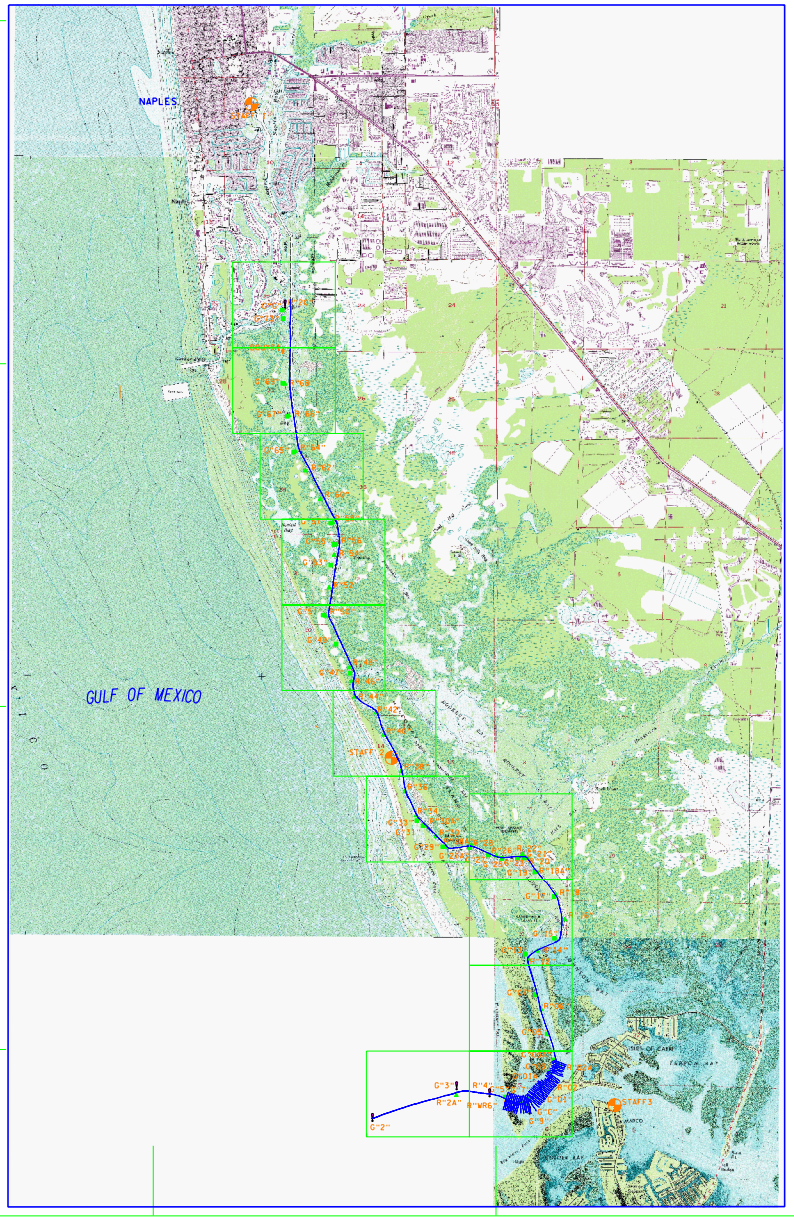
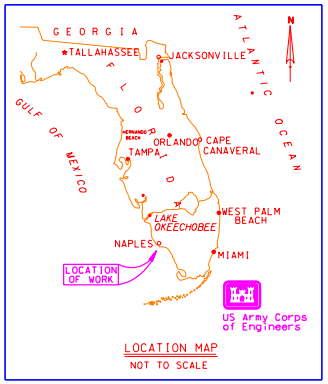
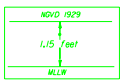


MAV. AIDS	PLANE COORDINATES (NAD 83) X	Y
LT-20	398046	643346
DBN-DM2	397905	643475
DBN-DM3	397845	642704
BUOY-7A	397542	640832
DBN-69	397884	638933
DBN-68	398017	638896
DBN-67	398158	638576
DBN-66	398237	637031
DBN-65	398489	634914
DBN-64	398589	634956
DBN-62	398715	633824
DBN-60	400020	632452
DBN-58	400738	630790
DBN-57	400635	630741
DBN-56	400926	629498
DBN-55	400808	629504
DBN-54	400807	628876
DBN-53	400610	628502
DBN-52	400457	626975
DBN-51	400138	625390
DBN-50	400285	625330
DBN-49	400886	623699
DBN-48	400646	622326
DBN-47	404675	621981
DBN-46	404781	622504
DBN-44	404334	620535
DBN-42	403192	619876
DBN-40	403623	618362
DBN-38	404632	618034
DBN-36	404838	615045
DBN-34	405453	613848
DBN-33	405512	613358
DBN-31	405860	613064
DBN-30A	405994	613045
DBN-30	406622	612433
DBN-29	407009	611820
DBN-28A	407230	611804
DBN-28	408685	612915
DBN-27A	408603	612766
DBN-27	409675	611330
DBN-26	410151	611269
DBN-25	410474	611418
DBN-23	412404	611434
DBN-22	414658	611343
DBN-21	414723	611246
DBN-20	414864	611091
DBN-19	412368	610308
DBN-18A	412504	610300
DBN-18	413519	608972
DBN-17	413481	608875
DBN-16	414096	607517
DBN-15	413478	606438
DBN-14	412492	605697
DBN-13	414776	605527
DBN-12	414980	605207
DBN-7	412346	603451
DBN-6	412686	602299
DBN-5	413038	600857
DBN-3A	413391	599348
DBN-2A	413649	599072
DBN-3	413131	598621
DBN-2	412624	597855
DBN-2A	412625	597958
DBN-1	414315	597059
DBN-1A	414593	596604
DBN-1	414402	596351
BUOYR6a/L1	410934	596920
DBN-DM5	410554	597207
LT-9	414952	598211
LT-4	409606	597248
LT-3	407706	597671
DBN-2A	407692	597332
LT-2	402793	595855



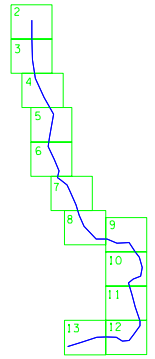
LOCATION MAP
NOT TO SCALE

CAPRI PASS DGPS BASELINE (NAD 83)			
PNT NAME	STATION	X	Y
I	0+00.00	413,390.75	599,348.52
II	7+71.97	413,131.77	598,621.28
III	16+06.45	412,625.47	597,957.94
IV	27+51.61	411,915.47	597,059.45
V	32+75.56	411,402.73	596,951.68
VI	41+61.59	410,554.36	597,207.29



Relationship between NGVD 1929 and NOAA Mean Lower Low Water Tidal Datum (1960-1978 epoch)

VICINITY MAP



SHEET INDEX

SURVEY NOTES:

1. REFER TO SURVEY NO.: 00-189.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER DATUM (M.L.L.W.), WHICH IS 1.15 BELOW NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29)
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
4. (3) TIDE STAFF GUAGES ESTABLISHED THRU THE PROJECT. GUAGE 1: SET AT U.S. COAST GUARD STATION DERIVED FROM BM 5110"C" GUAGE 2: SET AT NAPLES CRUISE CLUB PIER DERIVED FROM BM 5019"A" GUAGE 3: SET AT SNOOK INN RESTAURANT DERIVED FROM BM 4992"A"
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR FLORIDA EAST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD 83).
6. ALL AZIMUTHS ARE GRID & ARE RECKONED CLOCKWISE FROM (0) SOUTH.
7. BASELINES FOR THIS PROJECT WERE ESTABLISHED BY DGPS POSITIONING (REFER TO TABLES ON THIS SHEET).
8. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING GENERAL CONDITIONS EXISTING AT THAT TIME.
9. REFER TO FIELD BOOK 2000 COLLIER COUNTY BOOK 41
10. THIS SURVEY WAS OBTAINED FROM JULY 15 TO JULY 18, 2000.
11. REFER TO RAW FIELD DATA:
    a. DEPTH SOUNDER (FATHOMETER): I ROLLS DATED JULY 15, 2000 TO JULY 18, 2000.
    b. HYPACK COMPUTER FILES GENERATED JULY 15, 2000 THRU JULY 18, 2000.
12. DEPTH SOUNDER USED IS ODOM HYDROTRACK, WITH ON BOARD STARLINK DGPS.
13. DGPS POSITIONING UTILIZED USCG NAVBEACON SYSTEM. CORRECTIONS FROM STATION "EGMONT KEY".
14. AIDS TO NAVIGATION WERE LOCATED FOR THIS PROJECT. REFER TO TABLE, THIS SHEET.
15. THIS MAP HAS BEEN REVIEWED BY PAUL L. VIDACOVICH.

GRAPHIC SCALE

3000 0 3000 6000 FT

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

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

YBURN & ODOM, INC.
CONSULTING ENGINEERS
BATON ROUGE, LA.

Proj. No. DACW17-99-D-0023
Scale
Plot scale
Designed by
Drawn by
Traced by
Checked by
Dated JULY 2000
D.O.F.ILE NO. 40-38, 104

File name
Project Coordinate Origin
b188_base.dgn
b188_base_dgn
b188_s01.dgn
b188_s01_dgn
b188grid.dgn
b188grid.dgn
b188text.dgn
b188text.dgn

NAPLES, FLORIDA
NAPLES TO BIG MARCO PASS
PROJECT CONDITION SURVEY
6-FOOT PROJECT
COVER / CONTROL

DRAWING NO.

SHEET 1 OF 13

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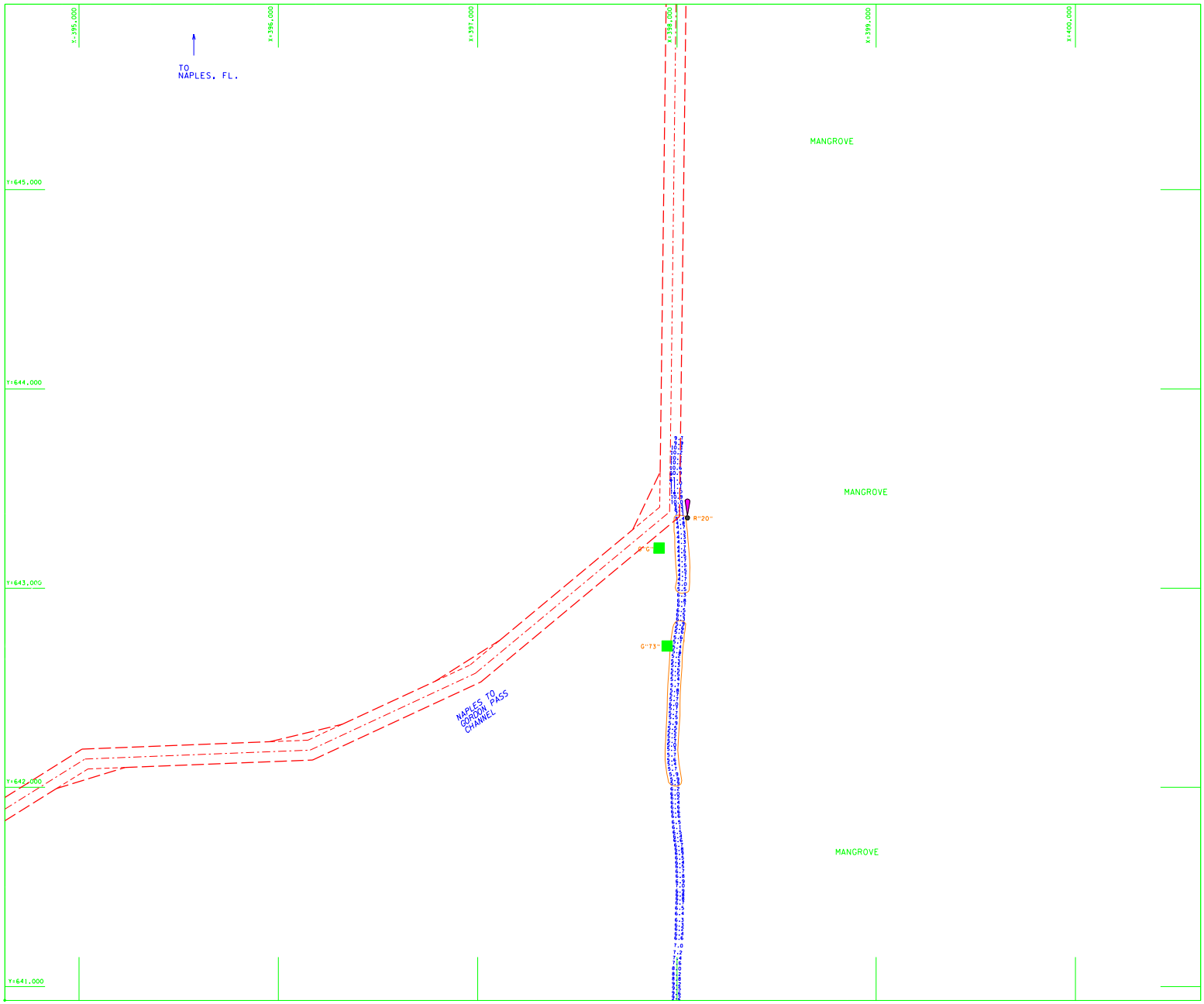

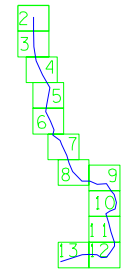

SHEET INDEX

N

SURVEY NOTES:

1. REFER TO SURVEY NO.: 00-189
2. SEE SHEET 1 FOR NOTES.

GRAPHIC SCALE

200 0 200 400 FT

US Army Corps of Engineers
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Designed by: JAK
Dwn by: JBS
Ckd by: PLV
Inv. No. DACW17-99-D-0023
Dated: ---
Scale: AS SHOWN
Plot date: 8/2000
Plot scale: 1"=200'
Dated: JULY 2000
D.O.FILE NO. 40-38, 104

File name: b189_s02.dgn
Reference files: b189_bdr.dgn b189_sdg.dgn b189_nav.dgn

NAPLES, FLORIDA
NAPLES TO BIG MARCO PASS
PROJECT CONDITION SURVEY
6-FOOT PROJECT
PLAN

DRAWING NO.

SHEET 2 OF 13

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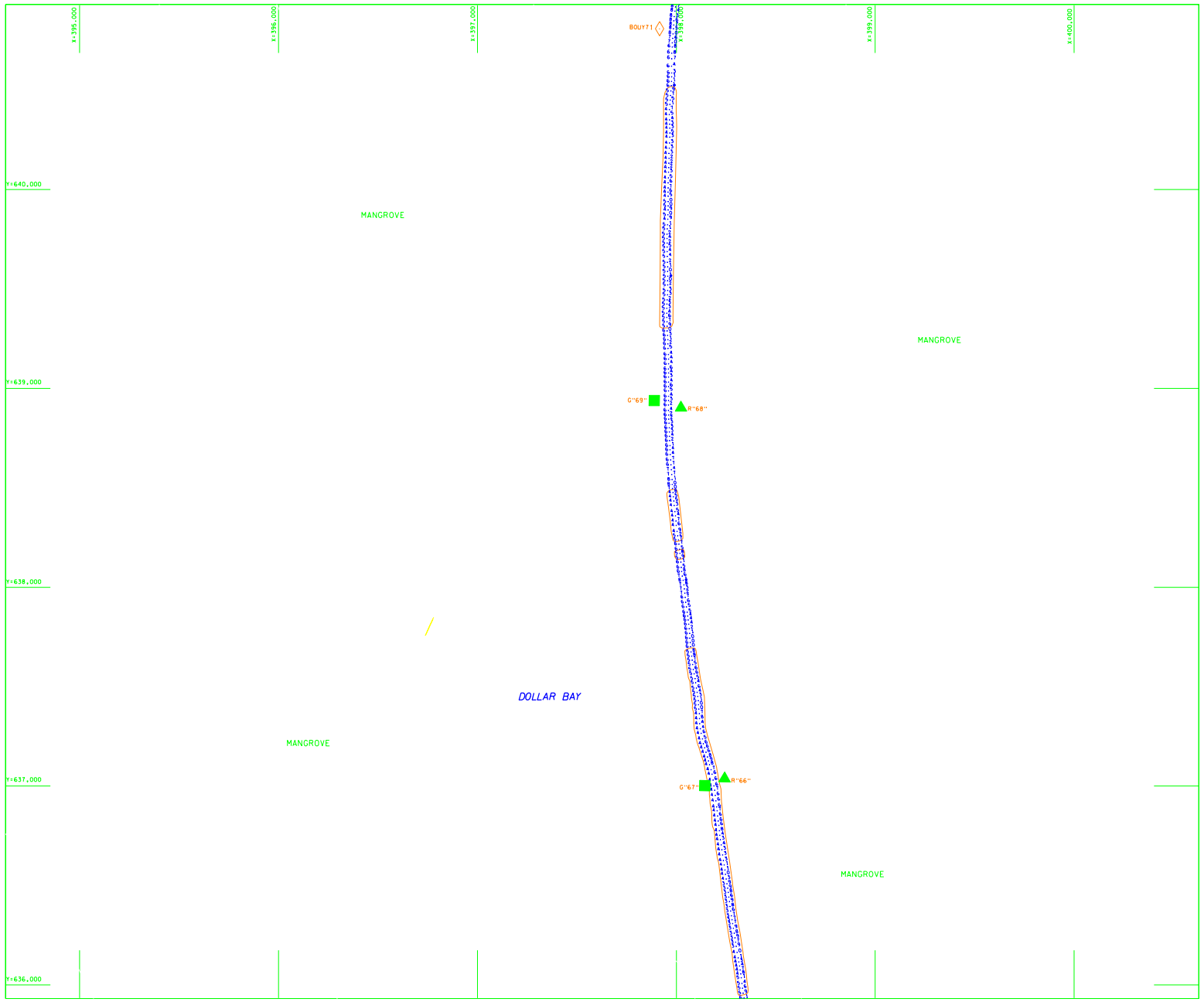
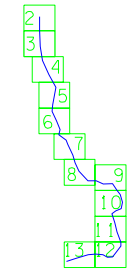
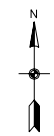




SHEET INDEX



SURVEY NOTES:

1. REFER TO SURVEY NO.: 00-189
2. SEE SHEET 1 FOR NOTES.

GRAPHIC SCALE

200 0 200 400 FT

US Army Corps of Engineers
Jacksonville District

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Dated:
Scale: NS SHOWN
Plot date: 8/2000
Plot scale: 1"=200'

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Dwn by:
Ckd by:

Date: JULY 2000
D.O.FILE NO. 40-38, 104

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NAPLES, FLORIDA
NAPLES TO BIG MARCO PASS
PROJECT CONDITION SURVEY
6-FOOT PROJECT
PLAN

DRAWING NO.

SHEET 3 OF 13

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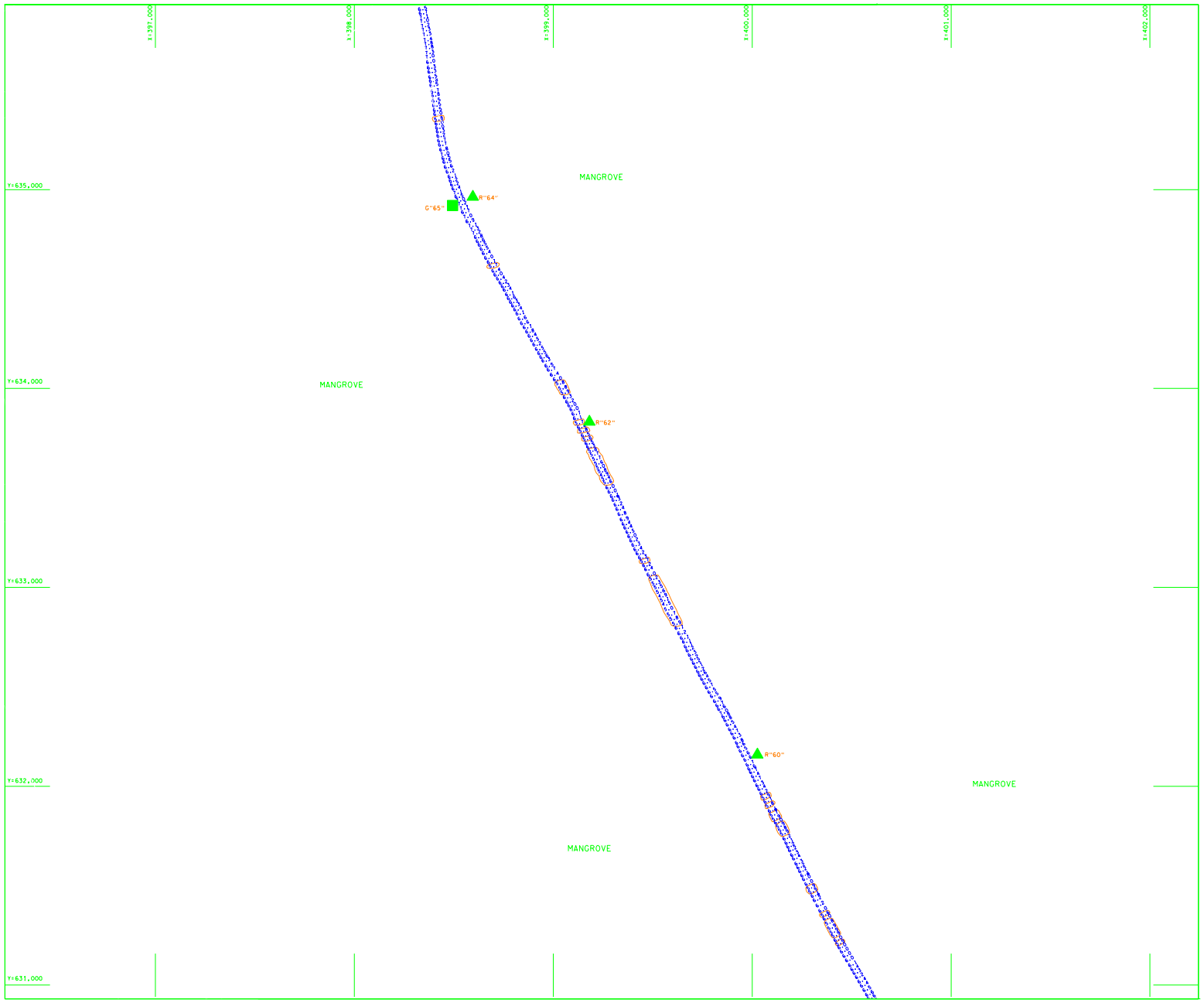

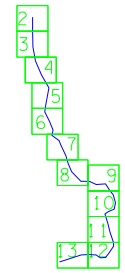

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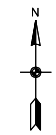

SURVEY NOTES:

1. REFER TO SURVEY NO.: 00-189
2. SEE SHEET 1 FOR NOTES.

GRAPHIC SCALE

200 0 200 400 FT

US Army Corps of Engineers
Jacksonville District

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DEPARTMENT OF THE ARMY
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CYBURN & ODOM, INC.
CONSULTING ENGINEERS
BATON ROUGE, LA.

Designed by: JAX
Dwn by: JBS
Ckd by: PLV
Inv. No. DACW17-99-D-0023
Scale: AS SHOWN
Plot date: 8/2000
Plot scale: 1"=200'
Dated: JULY 2000
D.O.FILE NO. 40-38, 104

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Reference files: b189_bdr.dgn b189_sq.dgn b189_nav.dgn

NAPLES, FLORIDA
NAPLES TO BIG MARCO PASS
PROJECT CONDITION SURVEY
6-FOOT PROJECT
PLAN

DRAWING NO.

SHEET 4 OF 13

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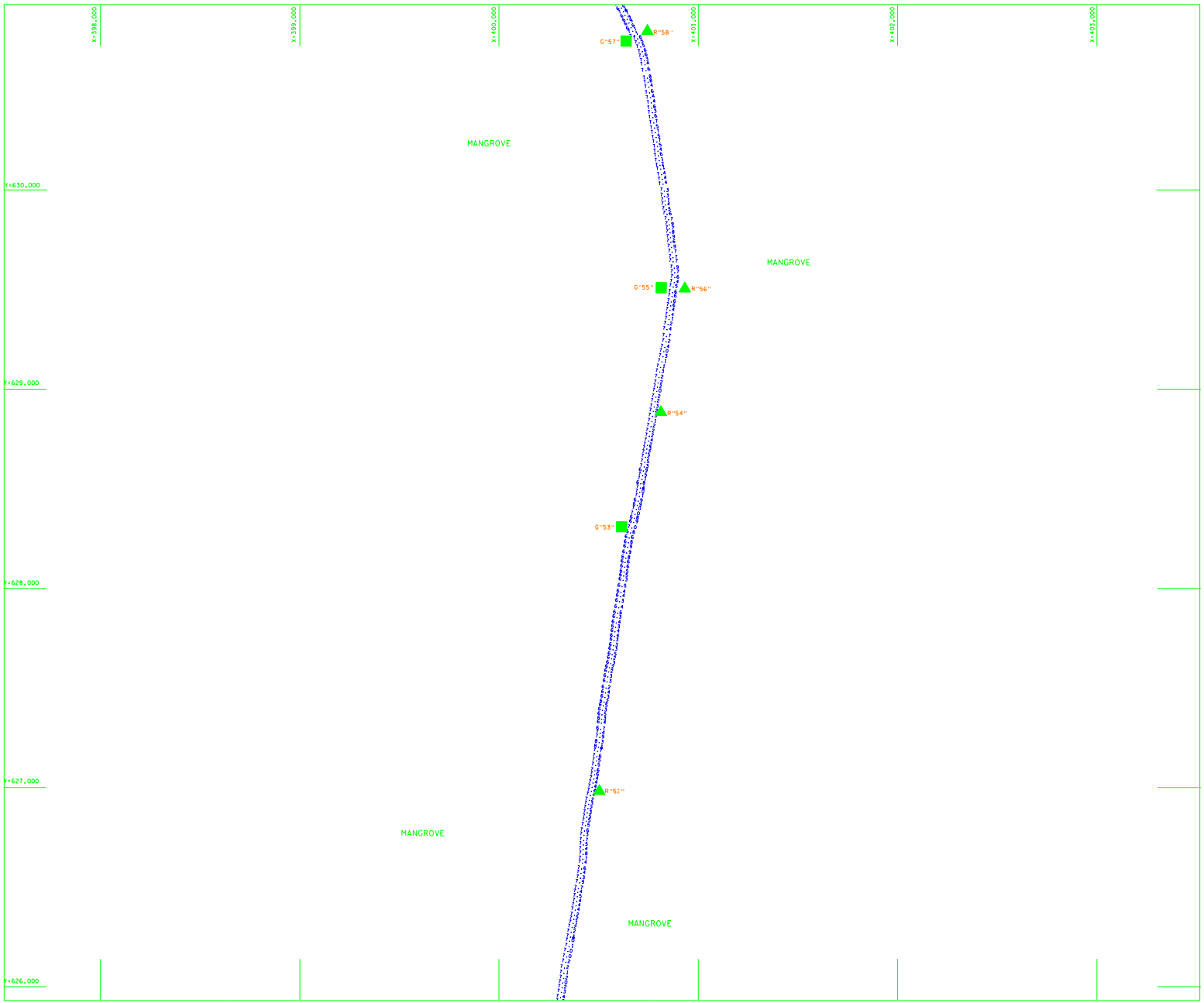

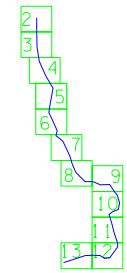

SHEET INDEX

SURVEY NOTES:

1. REFER TO SURVEY NO.: 00-189
2. SEE SHEET 1 FOR NOTES.

GRAPHIC SCALE

200 0 200 400 FT

US Army Corps of Engineers
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Inv. No. DACW17-99-D-0023
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Plot date:
Plot scale:

Designed by:
Drawn by:
Chk'd by:

Date: JULY 2000
D.O.FILE NO. 40-38, 104

File name: b5.dgn
Reference files: b189_sdg.dgn b189_nav.dgn

NAPLES, FLORIDA
NAPLES TO BIG MARCO PASS
PROJECT CONDITION SURVEY
6-FOOT PROJECT
PLAN

DRAWING NO.

SHEET 5 OF 13

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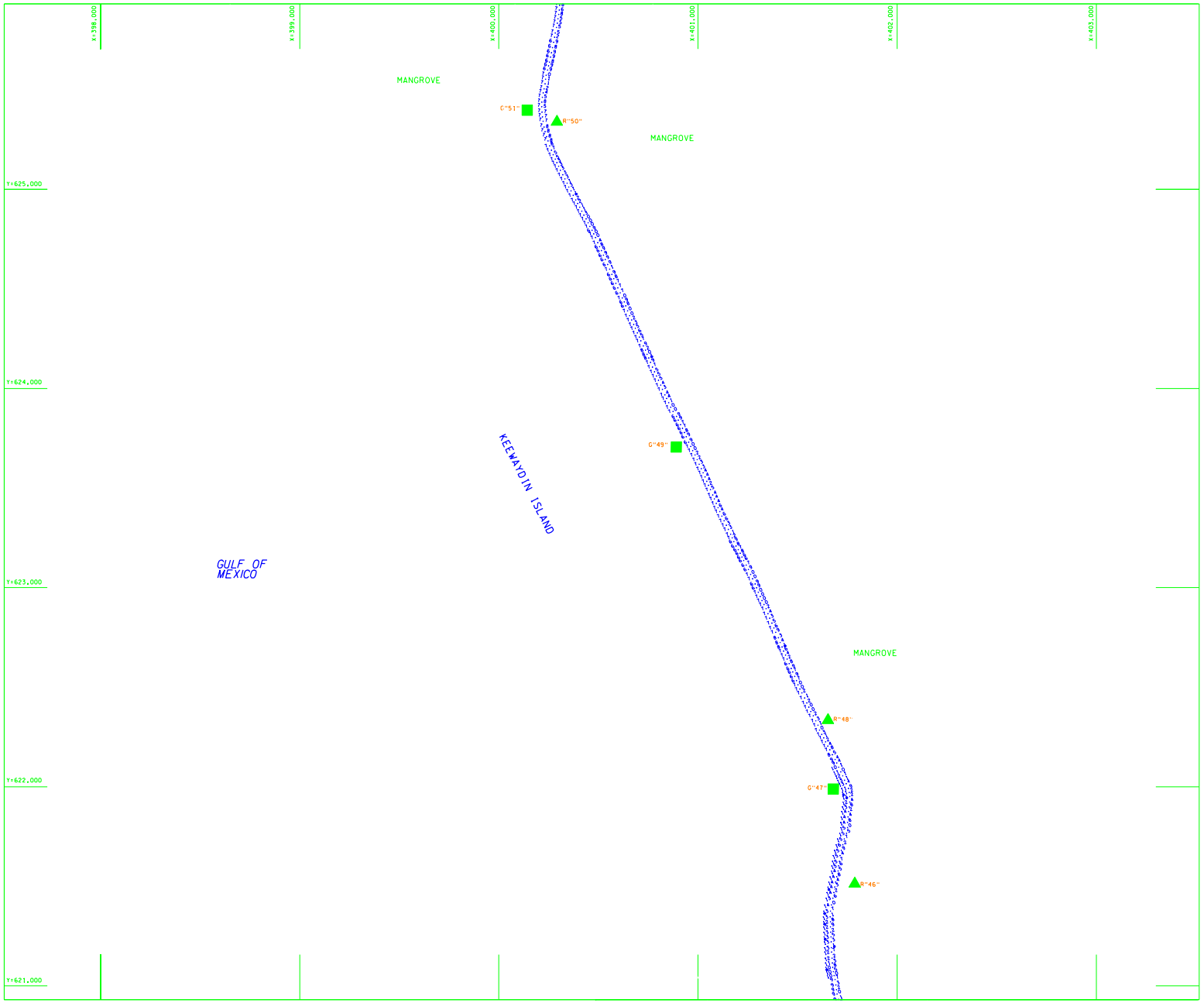

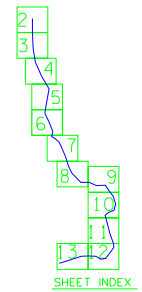

SURVEY NOTES:

1. REFER TO SURVEY NO.: 00-189
2. SEE SHEET 1 FOR NOTES.

GRAPHIC SCALE

200 0 200 400 FT

US Army Corps of Engineers
Jacksonville District

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BATON ROUGE, LA.

Designed by: JAK
Dwn by: JBS
Ckd by: PLV
Inv. No. DACW17-99-D-0023
Dated: ---
Scale: AS SHOWN
Plot date: 8/2000
Plot scale: 1"=200'
Dated: JULY 2000
D.O.FILE NO. 40-38, 104

File name: b189_s06.dgn
Reference files: b189_bdr.dgn b189_sdg.dgn b189_nav.dgn

NAPLES, FLORIDA
NAPLES TO BIG MARCO PASS
PROJECT CONDITION SURVEY
6-FOOT PROJECT
PLAN

DRAWING NO.

SHEET 6 OF 13

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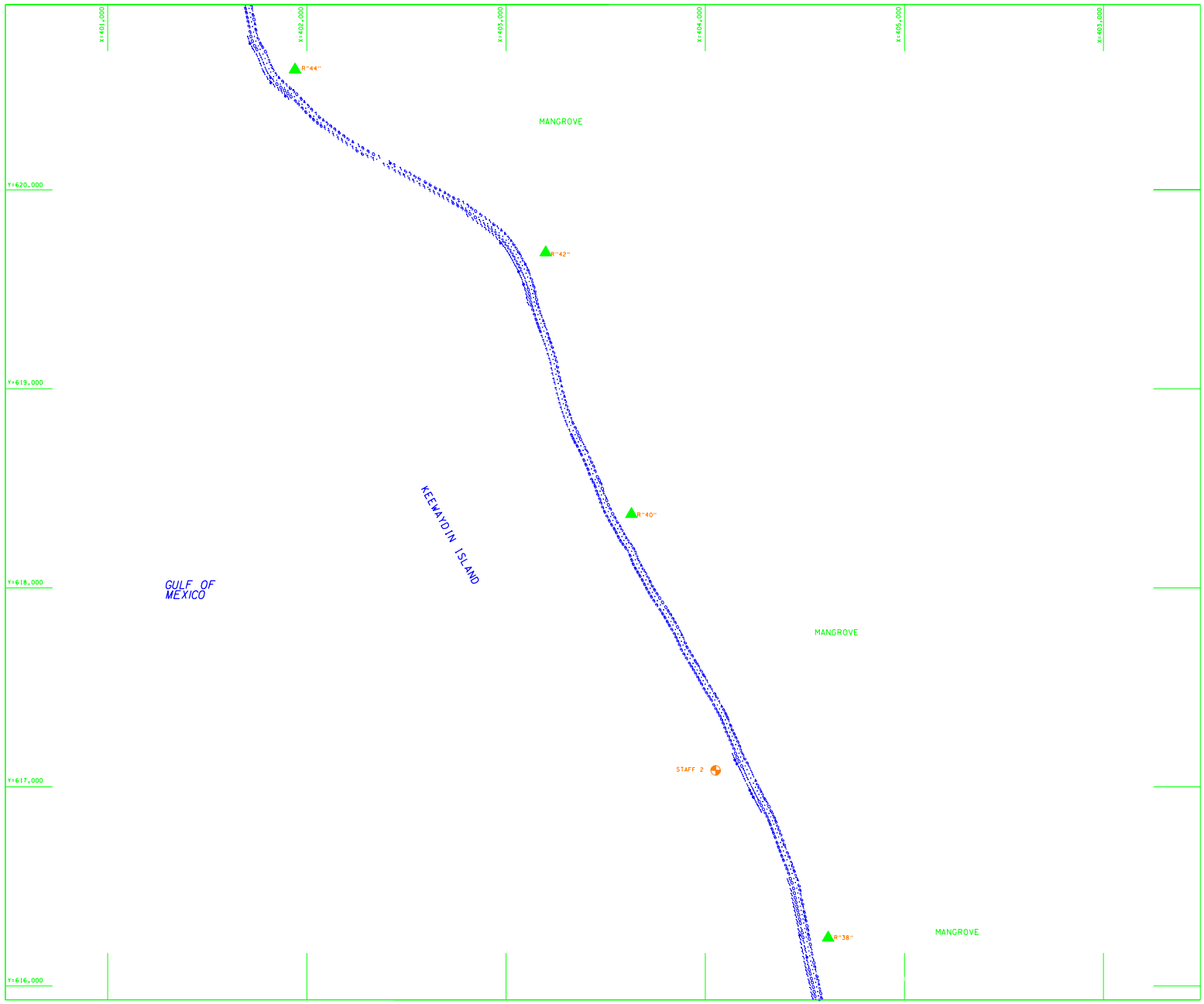
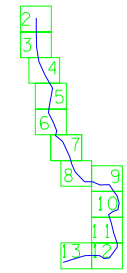
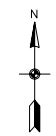




SHEET INDEX



SURVEY NOTES:

1. REFER TO SURVEY NO.: 00-189
2. SEE SHEET 1 FOR NOTES.

GRAPHIC SCALE

200 0 200 400 FT

US Army Corps of Engineers
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Dwn by: JBS
Ckd by: PLV
Inv. No. DACW17-99-D-0023
Dated: ----------
Scale: AS SHOWN
Plot date: 8/2000
Plot scale: 1"=200'
Dated: JULY 2000
D.O.FILE NO. 40-38, 104

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NAPLES, FLORIDA
NAPLES TO BIG MARCO PASS
PROJECT CONDITION SURVEY
6-FOOT PROJECT
PLAN

DRAWING NO.

SHEET 7 OF 13

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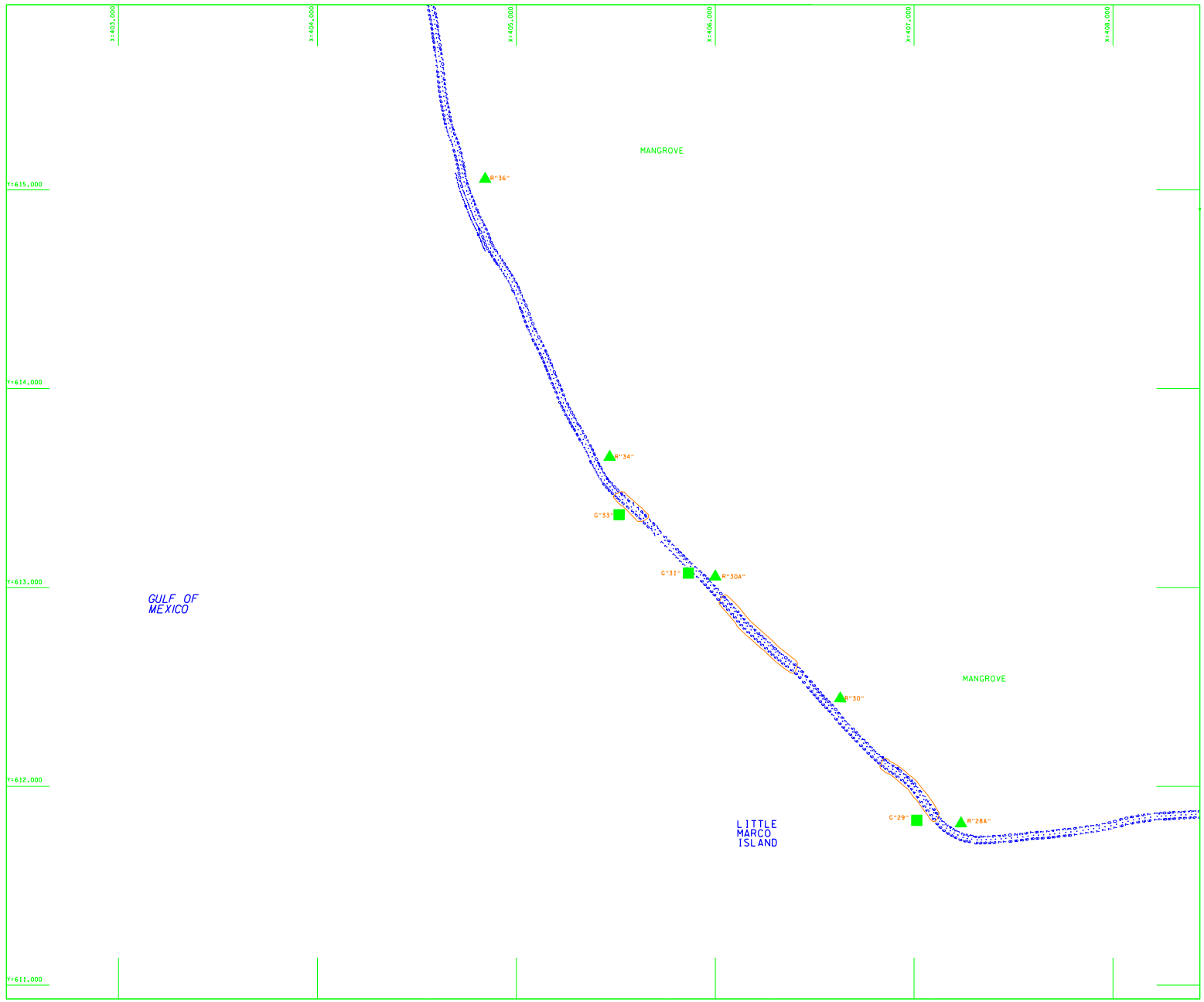

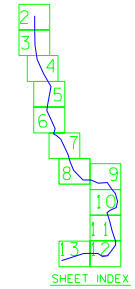

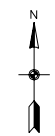

SURVEY NOTES:

1. REFER TO SURVEY NO.: 00-189
2. SEE SHEET 1 FOR NOTES.

GRAPHIC SCALE

200 0 200 400 FT

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

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CONSULTING ENGINEERS
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Inv. No. DACW17-99-D-0023
Dated:
Scale: AS SHOWN
Plot date: 8/2000
Plot scale: 1"=200'

Designed by: JAX
Dwn by: JBS
Ckd by: PLV

Dated: JULY 2000
D.O.FILE NO. 40-38, 104

File name: b189_s08.dgn
Reference files: b189_bdr.dgn b189_sdg.dgn b189_nav.dgn

NAPLES, FLORIDA
NAPLES TO BIG MARCO PASS
PROJECT CONDITION SURVEY
6-FOOT PROJECT
PLAN

DRAWING NO.

SHEET 8 OF 13

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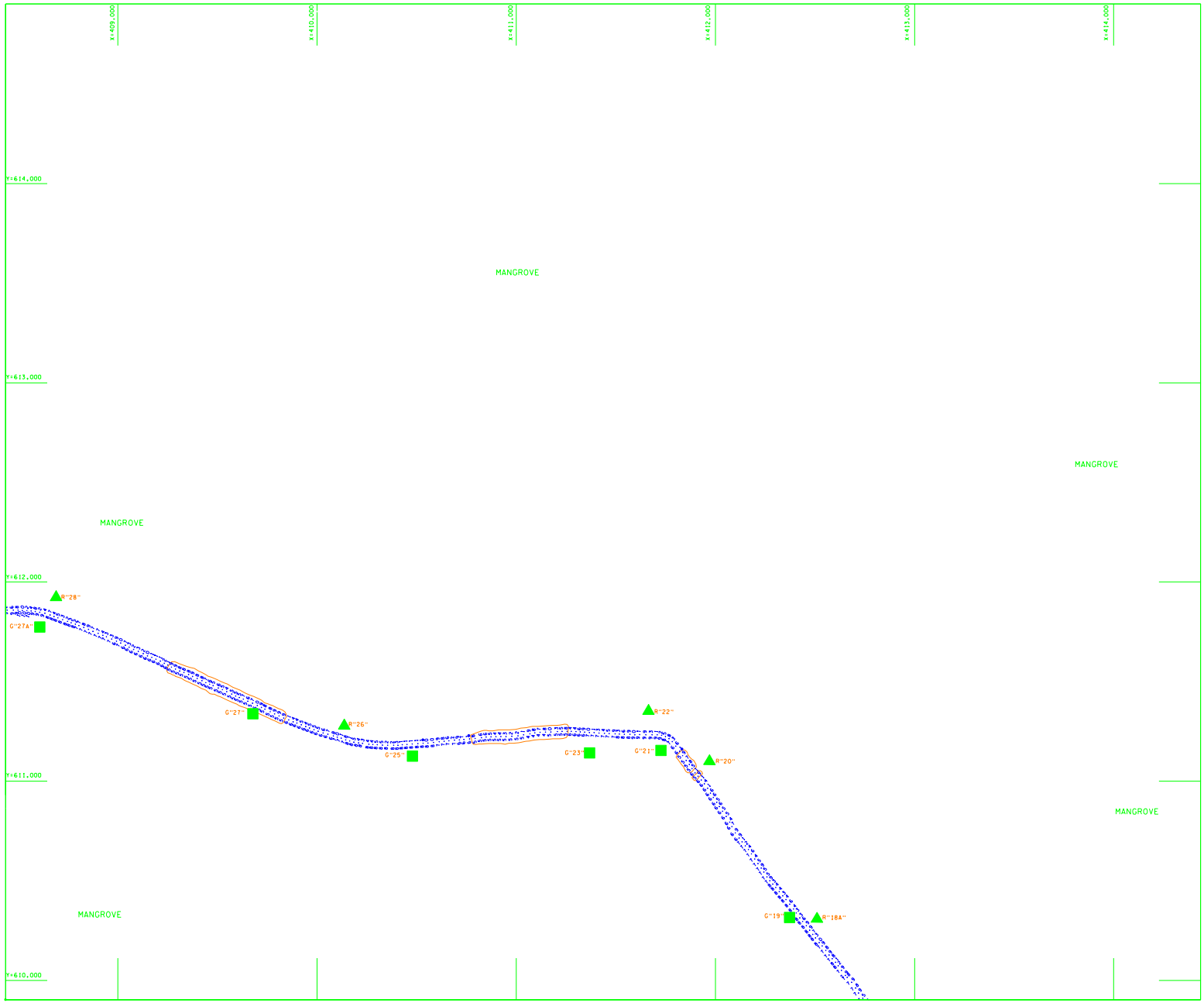

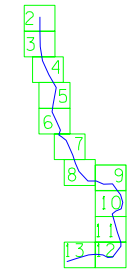

SHEET INDEX

N

SURVEY NOTES:

1. REFER TO SURVEY NO.: 00-189
2. SEE SHEET 1 FOR NOTES.

GRAPHIC SCALE

200 0 200 400 FT

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

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Inv. No. DACW17-99-D-0023
Dated: ----------
Scale: AS SHOWN
Plot date: 8/2000
Plot scale: 1"=200'

Designed by: JAK
Dwn by: JBS
Ckd by: PLV

Dated: JULY 2000
D.O.FILE NO. 40-38, 104

File name: b189_s09.dgn
Reference files: b189_bdr.dgn b189_wdg.dgn b189_nav.dgn

NAPLES, FLORIDA
NAPLES TO BIG MARCO PASS
PROJECT CONDITION SURVEY
6-FOOT PROJECT
PLAN

DRAWING NO.

SHEET 9 OF 13

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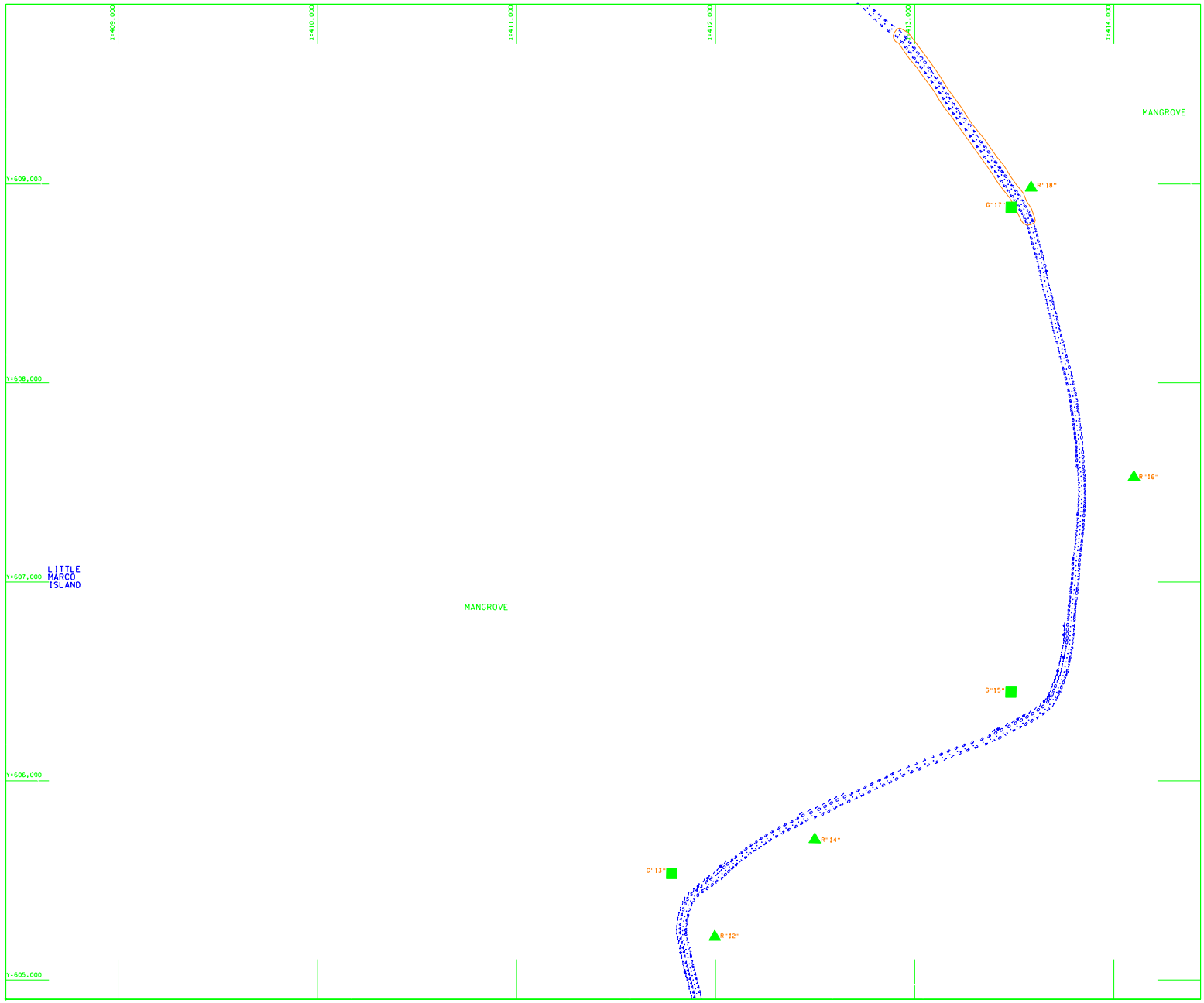
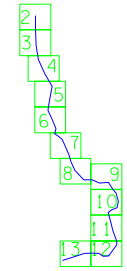
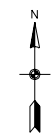




SHEET INDEX



SURVEY NOTES:

1. REFER TO SURVEY NO.: 00-189
2. SEE SHEET 1 FOR NOTES.

GRAPHIC SCALE

200 0 200 400 FT

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

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

CYBURN & ODOM, INC.
CONSULTING ENGINEERS
BATON ROUGE, LA.

Designed by: JAX
Dwn by: JBS
Ckd by: PLV
Reference files: b189_bdr.dgn b189_sdg.dgn b189_nav.dgn
Inv. No. DACW17-99-D-0023
Dated: ---
Scale: AS SHOWN
Plot date: 8/2000
Plot scale: 1"=200'
Dated: JULY 2000
D.O.FILE NO. 40-38, 104

NAPLES, FLORIDA
NAPLES TO BIG MARCO PASS
PROJECT CONDITION SURVEY
6-FOOT PROJECT
PLAN

DRAWING NO.

SHEET 10 OF 13

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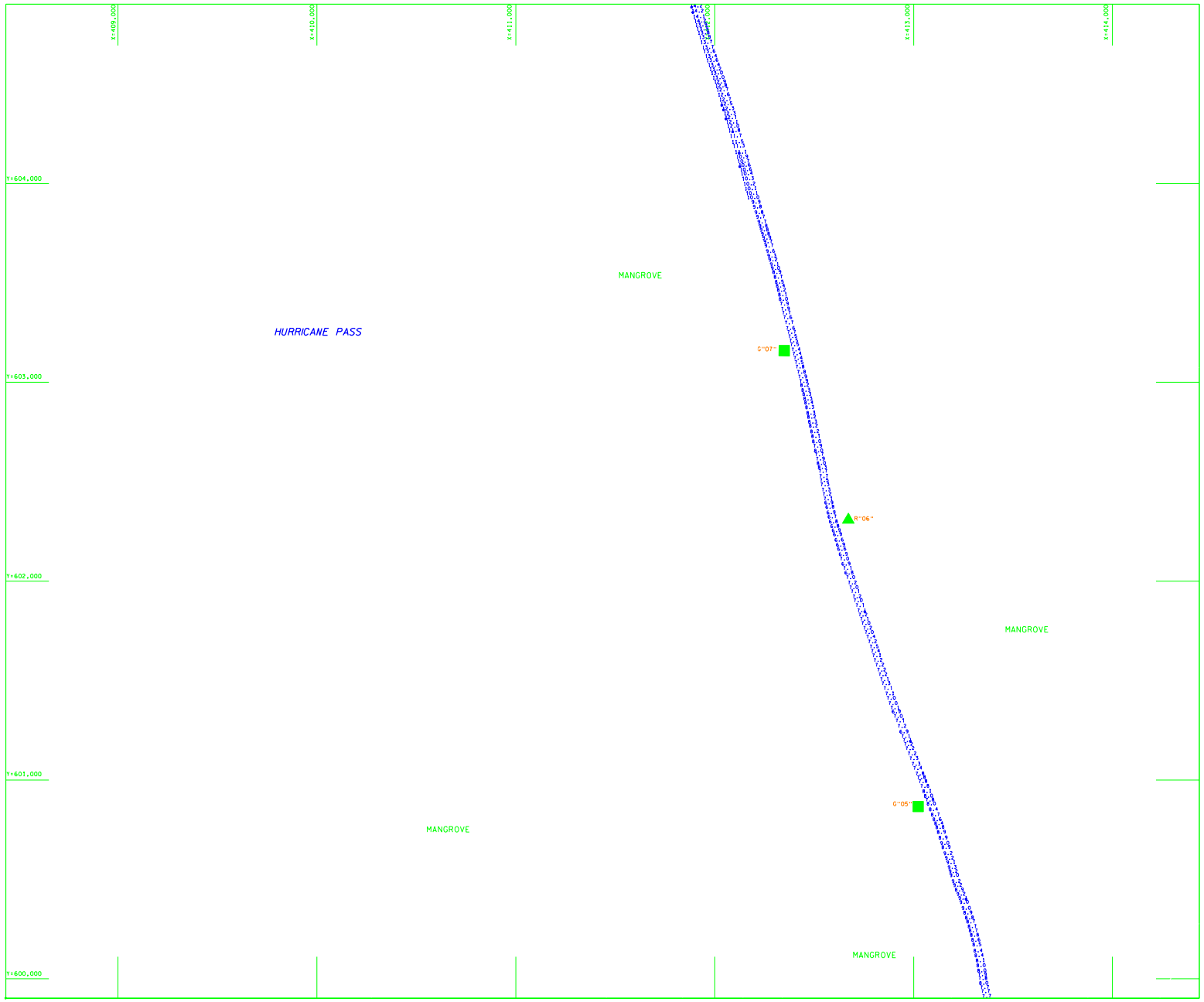

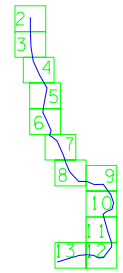

SHEET INDEX

N

SURVEY NOTES:

1. REFER TO SURVEY NO.: 00-189
2. SEE SHEET 1 FOR NOTES.

GRAPHIC SCALE

200 0 200 400 FT

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

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

CYBURN & ODOM, INC.
CONSULTING ENGINEERS
BATON ROUGE, LA.

Designed by: JAS
Dwn by: JBS
Ckd by: PLV
Ins. No. DACW17-99-D-0023
Dated: ---
Scale: AS SHOWN
Plot date: 8/2000
Plot scale: 1"=200'
Dated: JULY 2000
D.O.FILE NO. 40-38, 104

File name: b189_s11.dgn
Reference files: b189_bdr.dgn b189_sdg.dgn b189_nav.dgn

NAPLES, FLORIDA
NAPLES TO BIG MARCO PASS
PROJECT CONDITION SURVEY
6-FOOT PROJECT
PLAN

DRAWING NO.

SHEET 11 OF 13

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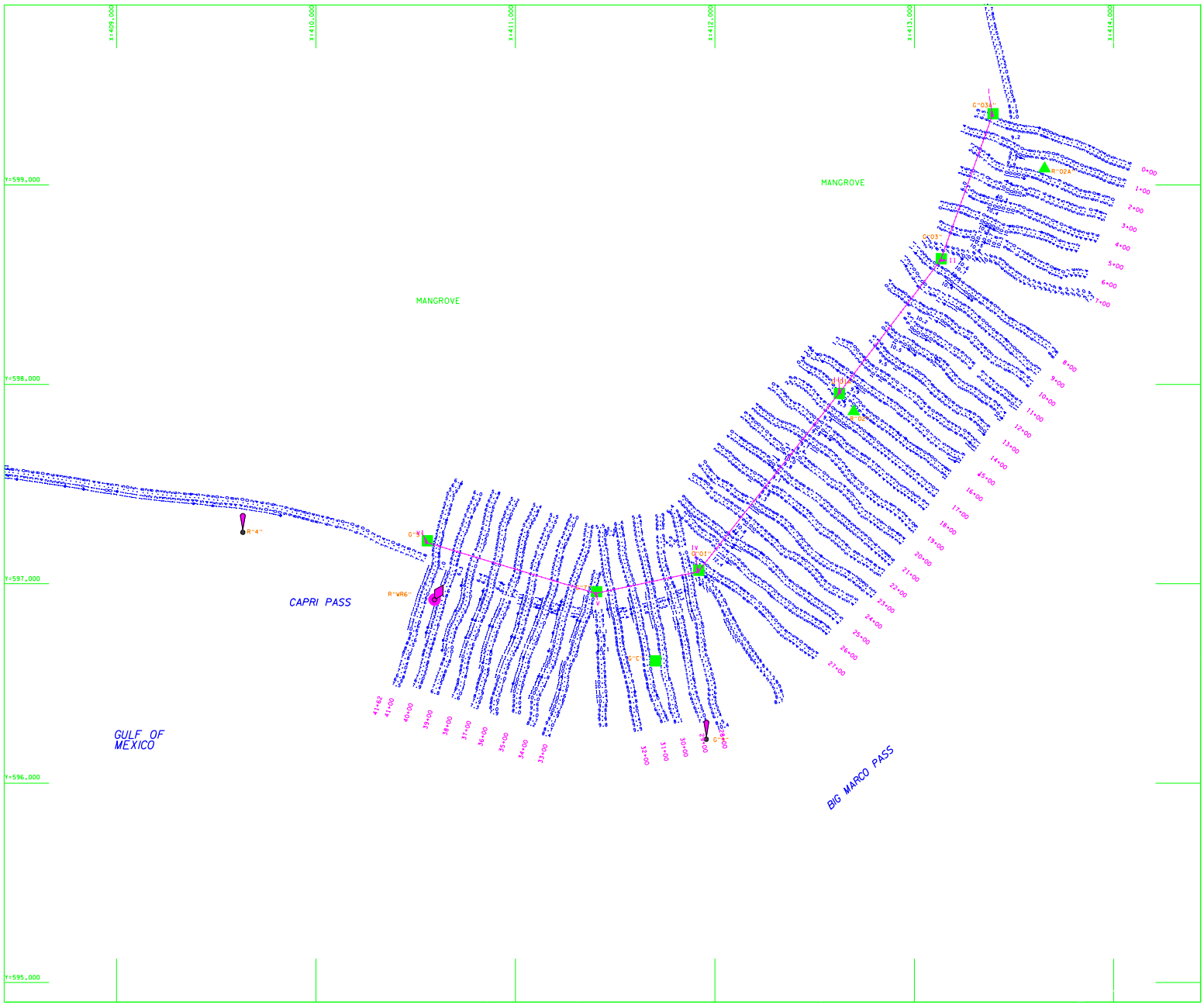

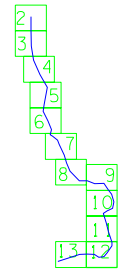

SURVEY NOTES:

1. REFER TO SURVEY NO.: 00-189
2. SEE SHEET 1 FOR NOTES.

GRAPHIC SCALE

200 0 200 400 FT

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

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

CYBURN & ODOM, INC.
CONSULTING ENGINEERS
BATON ROUGE, LA.

Designed by: JAX
Dwn by: JBS
Ckd by: PLV
Scale: AS SHOWN
Plot date: 8/2000
Plot scale: 1"=200'
Date: JULY 2000
D.O.FILE NO. 40-38, 104

NAPLES, FLORIDA
NAPLES TO BIG MARCO PASS
PROJECT CONDITION SURVEY
6-FOOT PROJECT
PLAN

DRAWING NO.

SHEET 12 OF 13

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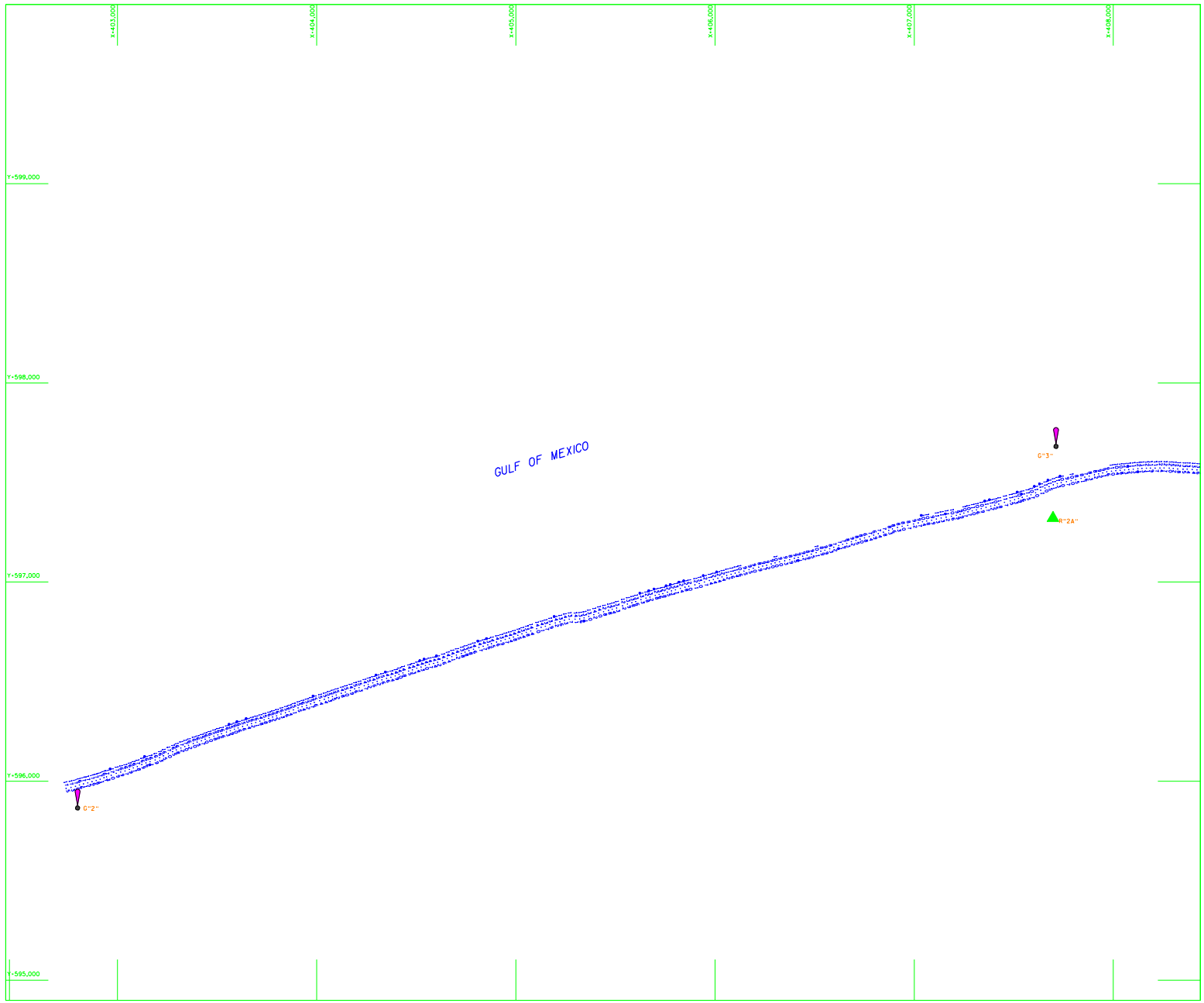

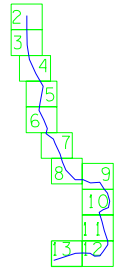

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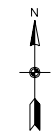

SURVEY NOTES:

1. REFER TO SURVEY NO.: 00-189
2. SEE SHEET 1 FOR NOTES.

GRAPHIC SCALE

200 0 200 400 FT

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

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

CYBURN & ODOM, INC.
CONSULTING ENGINEERS
BATON ROUGE, LA.

Inv. No. DACW17-99-D-0023
Dated: ---
Scale: AS SHOWN
Plot date: 8/2000
Plot scale: 1"=200'

Designed by: JAK
Dwn by: JRS
Ckd by: PLV

Dated: JULY 2000
D.O.FILE NO. 40-38, 104

File name: b189_s13.dgn
Reference files: b189_bdr.dgn b189_sdg.dgn b189_nav.dgn

NAPLES, FLORIDA
NAPLES TO BIG MARCO PASS
PROJECT CONDITION SURVEY
6-FOOT PROJECT
PLAN

DRAWING NO.

SHEET 13 OF 13

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