SAFETY ON THIS JOB
DEPENDS ON YOU

PALM BEACH HARBOR, FLORIDA

PLANS FOR

CONSTRUCTION DREDGING

AND

MAINTENANCE DREDGING

33-FOOT PROJECT

DEPARTMENT OF THE ARMY

JACKSONVILLE DISTRICT, CORPS OF ENGINEERS

JACKSONVILLE, FLORIDA

2001

TO ACCOMPANY INVITATION
NO. DACW17-01-B-0019

VE *"INCREASE PROFIT -- SUBMIT VECP'S"*

D. O. FILE NO. 16-38,215

PALM BEACH HARBOR, FLORIDA

PLANS

FOR

CONSTRUCTION DREDGING

AND

MAINTENANCE DREDGING

33-FOOT PROJECT

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

2001

INDEX TO DRAWINGS

DWG. NO.	TITLE	DWG. NO.	TITLE	DWG. NO.	TITLE
	GENERAL		MAINTENANCE DREDGING		BEACH DISPOSAL
1/1	INDEX TO DRAWINGS	2/1	DREDGING PLAN	3/1	PALM BEACH HARBOR BEACH DISPOSAL AREA PLAN
1/2	LOCATION AND VICINITY MAPS, LEGEND AND GENERAL NOTES	2/2	DREDGING PLAN	3/2	PALM BEACH HARBOR BEACH DISPOSAL AREA PLAN
1/3	CONTROL DATA	2/3	DREDGING PLAN	3/3	PALM BEACH HARBOR BEACH DISPOSAL SECTIONS
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US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	△	D3	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

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

Inv. No. DACW17-01-B-0019
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:

Designed by: ACS
Dwn by: FBS
Ckd by: LRP

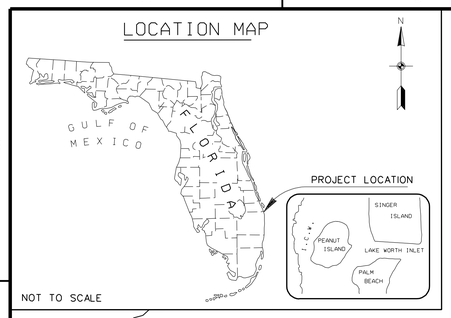
File name:
Reference files:

Dated: JULY 2001
D.O.FILE NO. 16-38.215

PALM BEACH HARBOR, FLORIDA
CONSTRUCTION DREDGING
AND
MAINTENANCE DREDGING
33-FOOT PROJECT
INDEX TO DRAWINGS

DRAWING NO.

1/1



GENERAL NOTES:

1. NO RAILROAD RIGHTS-OF-WAY SHALL BE ENTERED UPON IN THE PROSECUTION OF ANY AND ALL WORK UNDER THIS CONTRACT WITHOUT THE CONTRACTOR FIRST OBTAINING THE WRITTEN APPROVAL OF A RESPONSIBLE OFFICIAL OF THE RAILROAD AND PRESENTING IT TO THE CONTRACTING OFFICER FOR APPROVAL. PUBLIC RAILROAD CROSSINGS, FREIGHT DEPOTS, ETC., ENTERED FOR THE PURPOSES OF RECEIVING OR SHIPPING GOODS AND MATERIAL OR RAILROAD LANDS WITHIN THE CONSTRUCTION LANDS SHOWN IN THE CONTRACT DRAWINGS, ARE EXEMPT FROM THE FOREGOING PROVISIONS.

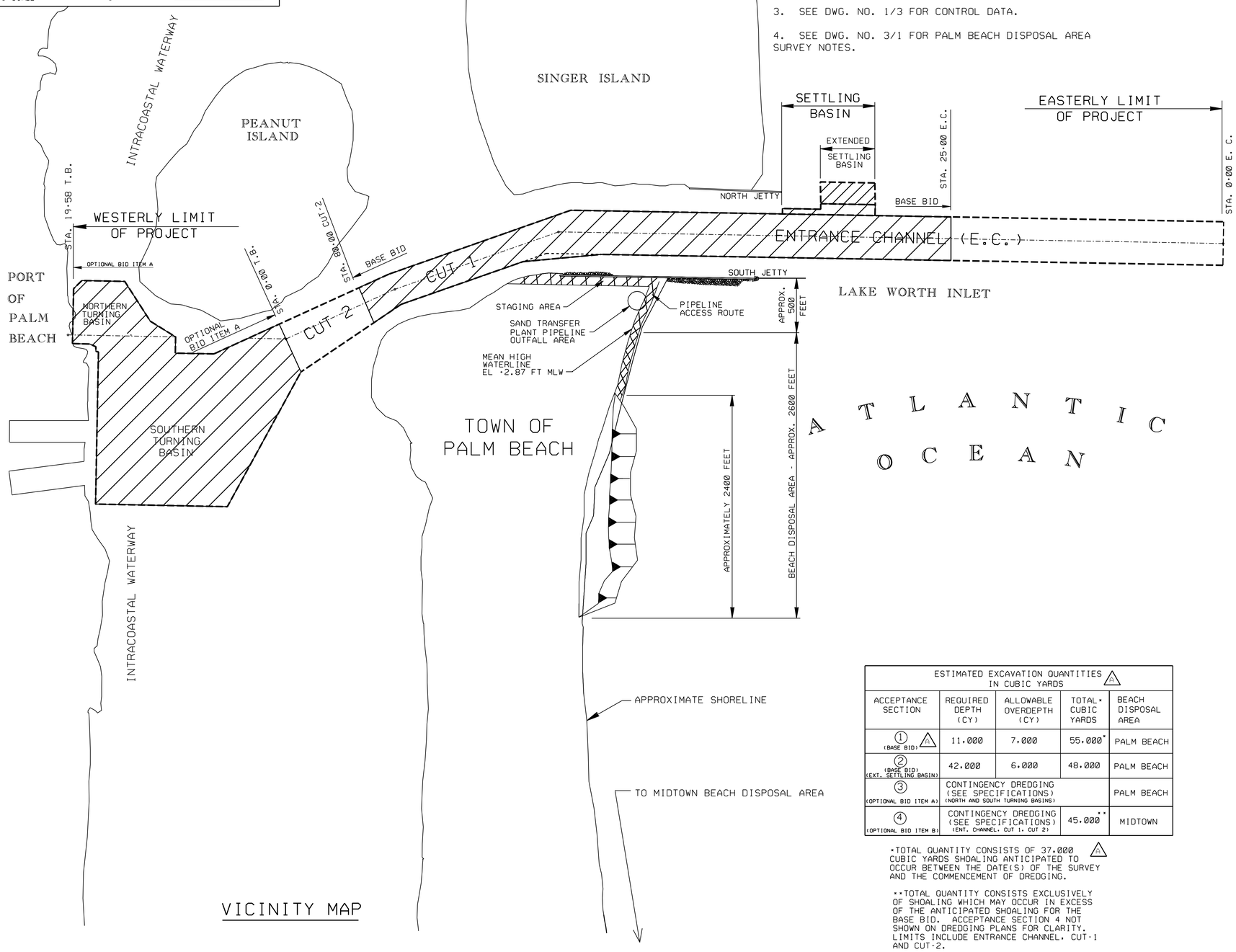
2. SEE DWG. NO. 2/1 FOR CHANNEL SURVEY NOTES.

3. SEE DWG. NO. 1/3 FOR CONTROL DATA.

4. SEE DWG. NO. 3/1 FOR PALM BEACH DISPOSAL AREA SURVEY NOTES.

BENCHMARK	NGVD ELEV. (FT)
A-310	4.75

LEGEND	
BM	BENCHMARK
	LIGHTED BEACON
	GREEN DAYBEACON
	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
C	CAN BUOY
N	NUN BUOY
	TIDE STAFF



VICINITY MAP

ESTIMATED EXCAVATION QUANTITIES IN CUBIC YARDS				
ACCEPTANCE SECTION	REQUIRED DEPTH (CY)	ALLOWABLE OVERDEPTH (CY)	TOTAL* CUBIC YARDS	BEACH DISPOSAL AREA
1 (BASE BID)	11,000	7,000	55,000*	PALM BEACH
2 (BASE BID) (EXT. SETTLING BASIN)	42,000	6,000	48,000	PALM BEACH
3 (OPTIONAL BID ITEM A)	CONTINGENCY DREDGING (SEE SPECIFICATIONS) (NORTH AND SOUTH TURNING BASINS)			PALM BEACH
4 (OPTIONAL BID ITEM B)	CONTINGENCY DREDGING (SEE SPECIFICATIONS) (ENT. CHANNEL, CUT 1, CUT 2)		45,000**	MIDTOWN

*TOTAL QUANTITY CONSISTS OF 37,000 CUBIC YARDS SHOALING ANTICIPATED TO OCCUR BETWEEN THE DATE(S) OF THE SURVEY AND THE COMMENCEMENT OF DREDGING.

**TOTAL QUANTITY CONSISTS EXCLUSIVELY OF SHOALING WHICH MAY OCCUR IN EXCESS OF THE ANTICIPATED SHOALING FOR THE BASE BID. ACCEPTANCE SECTION 4 NOT SHOWN ON DREDGING PLANS FOR CLARITY. LIMITS INCLUDE ENTRANCE CHANNEL, CUT-1 AND CUT-2.

LEGEND:

- AREA TO BE DREDGED
- PIPELINE EASEMENT AND STAGING AREA
- BEACH DISPOSAL AREA
- BEACH DISPOSAL SECTION
- TIDE STAFF
- ACCEPTANCE SECTION
- DNR MONUMENT
- BH — BENCHMARK
- CB-WP97-7 — CORE BORING
- UTILITY CROSSING

GRAPHIC SCALE

400' 0 400' 800'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
3	△	E2.F1	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

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

Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:

Designed by: ACK
Cad by: LRP
Dwn by: FBS
Dated: JULY 2001
D.O.FILE NO. 16-38,215

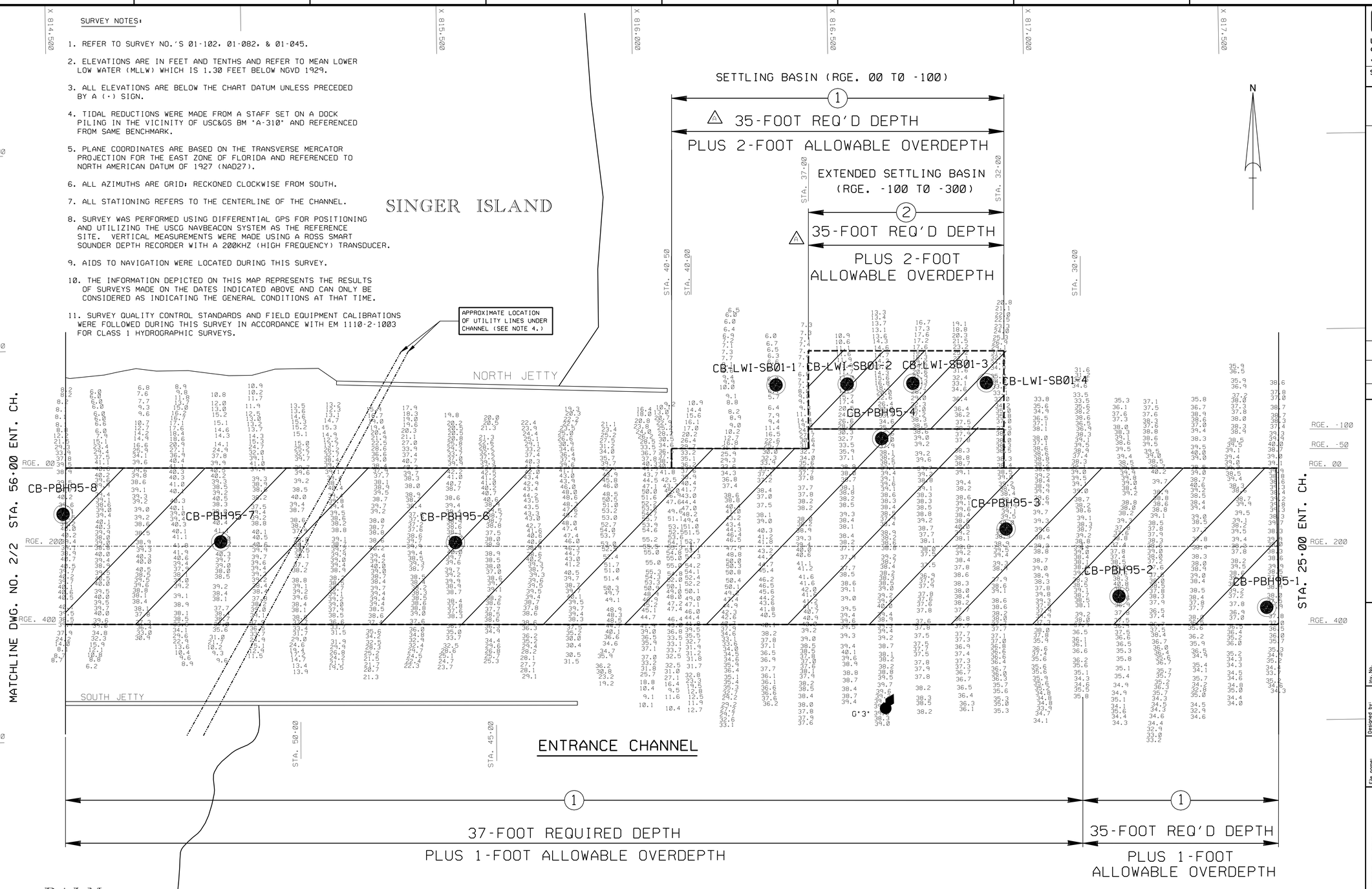
File name: PBH1-2.DGN
Reference files: PBH-BRGR.DGN PALMBCH.DGN

PALM BEACH HARBOR, FLORIDA
CONSTRUCTION DREDGING AND MAINTENANCE DREDGING
LOCATION AND VICINITY MAPS, LEGEND AND GENERAL NOTES

DRAWING NO.
1/2

SURVEY NOTES:

1. REFER TO SURVEY NO.'S 01-102, 01-082, & 01-045.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW) WHICH IS 1.30 FEET BELOW NGVD 1929.
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (-) SIGN.
4. TIDAL REDUCTIONS WERE MADE FROM A STAFF SET ON A DOCK PILING IN THE VICINITY OF USC&GS BM "A-310" AND REFERENCED FROM SAME BENCHMARK.
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1927 (NAD27).
6. ALL AZIMUTHS ARE GRID; RECKONED CLOCKWISE FROM SOUTH.
7. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
8. SURVEY WAS PERFORMED USING DIFFERENTIAL GPS FOR POSITIONING AND UTILIZING THE USCG NAVBEACON SYSTEM AS THE REFERENCE SITE. VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMART SOUNDER DEPTH RECORDER WITH A 200KHZ (HIGH FREQUENCY) TRANSDUCER.
9. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
10. 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.
11. SURVEY QUALITY CONTROL STANDARDS AND FIELD EQUIPMENT CALIBRATIONS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH EM 1110-2-1003 FOR CLASS I HYDROGRAPHIC SURVEYS.



SURVEY TABULATION					
SURVEY	VESSEL	AREA SURVEYED	DATE SURVEYED	STAFF LOCATION	BENCHMARK
01-045 (PD)	WB-34	CUT-2	05 DEC 2000	ON DOCK IN VIC. OF A-310	A-310
01-059	WB-34	EC & CUTS 1-2	08 JAN 2001	ON DOCK IN VIC. OF A-310	A-310
01-082	WB-34	EC & TB	06 FEB 2001	ON DOCK IN VIC. OF A-310	A-310

AID TO NAVIGATION	PLANE COORDINATES	
	X	Y
LT. BUOY-3 (02/01)	816.619	887.049

GRAPHIC SCALE

100' 0 100' 200'

NOTES:

1. SEE DWG. NO. 1/2 FOR LOCATION AND VICINITY MAPS, LEGEND AND GENERAL NOTES.
2. SEE THIS SHEET FOR CHANNEL SURVEY NOTES.
3. SEE DWG. NO. 3/1 FOR PALM BEACH DISPOSAL AREA SURVEY NOTES.
4. SEE SPECIFICATIONS FOR DETAILS REGARDING UTILITY CROSSINGS OR SUBAQUEOUS CABLE CROSSINGS.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
2	△	E5	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

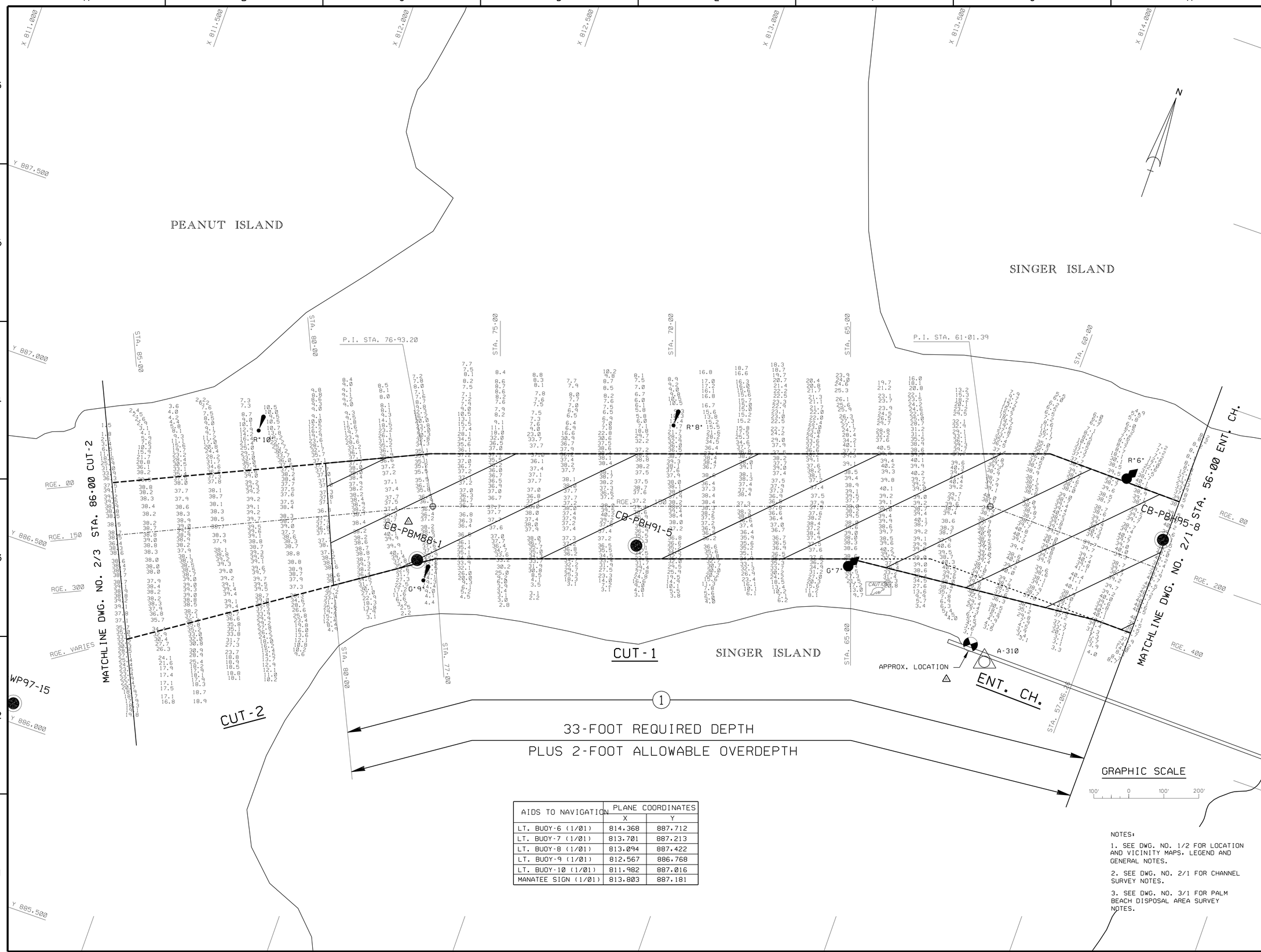
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Designed by: ACK
Dwn by: FBS
Ckd by:
Inv. No.
Dated:
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX:X
Dated: JULY 2001
D.O.FILE NO. 16-38.215

File name: PBH2-1.DGN
Reference files: PBH-BRGR.DGN PALMBCH.DGN PBH2SUR1.DGN C082SNO.DGN C082NAV.DGN C059EC1.DGN GEOPHI.DGN

PALM BEACH HARBOR, FLORIDA
CONSTRUCTION DREDGING
AND
MAINTENANCE DREDGING
33-FOOT PROJECT
DREDGING PLAN

DRAWING NO.
2/1



AIDS TO NAVIGATION	PLANE COORDINATES	
	X	Y
LT. BUOY-6 (1/01)	814.368	887.712
LT. BUOY-7 (1/01)	813.701	887.213
LT. BUOY-8 (1/01)	813.094	887.422
LT. BUOY-9 (1/01)	812.567	886.768
LT. BUOY-10 (1/01)	811.982	887.016
MANATEE SIGN (1/01)	813.803	887.181

NOTES:

1. SEE DWG. NO. 1/2 FOR LOCATION AND VICINITY MAPS, LEGEND AND GENERAL NOTES.

2. SEE DWG. NO. 2/1 FOR CHANNEL SURVEY NOTES.

3. SEE DWG. NO. 3/1 FOR PALM BEACH DISPOSAL AREA SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
2	△	C3.02	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

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

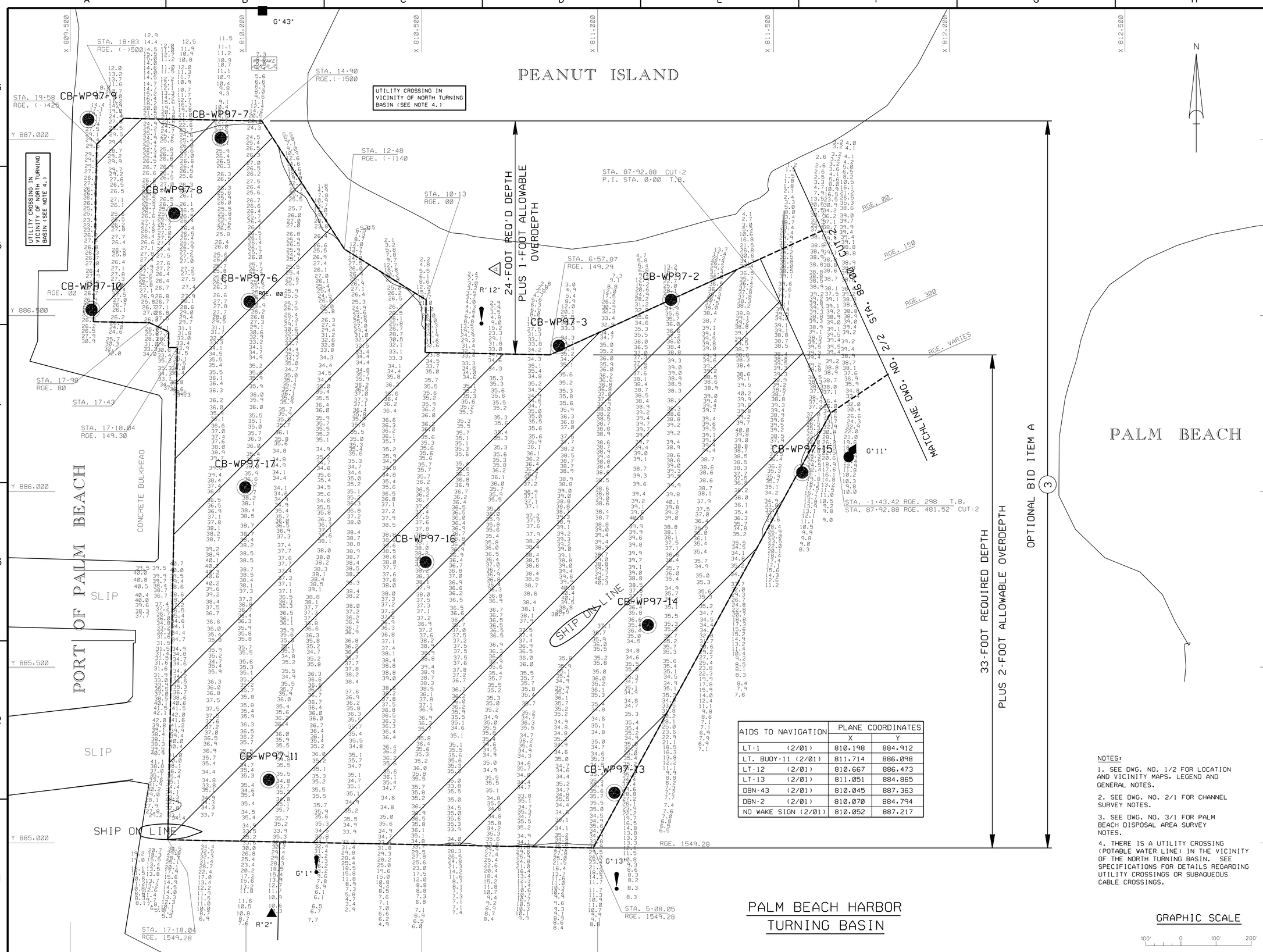
Designed by: ACK
Dwn by: FBS
Ckd by:
Inv. No.
Dated:
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX:X
Dated: JULY 2001
D.O.FILE NO. 16-38.215

File name: PB97-2.DGN
Reference files: PBH-BRGR.DGN PLANDISP.DGN PBTOPO.DGN C09SCT1.DGN C09SWAY.DGN C09SCT2.DGN C045NG.DGN GEOPH.DGN

PALM BEACH HARBOR, FLORIDA
CONSTRUCTION DREDGING
AND
MAINTENANCE DREDGING
33-FOOT PROJECT

DREDGING PLAN

DRAWING NO.
2/2



AIDS TO NAVIGATION	PLANE COORDINATES	
	X	Y
LT-1 (2/01)	810.198	884.912
LT. BUOY-11 (2/01)	811.714	886.098
LT-12 (2/01)	810.667	886.473
LT-13 (2/01)	811.051	884.865
DBN-43 (2/01)	810.045	887.363
DBN-2 (2/01)	810.070	884.794
NO WAKE SIGN (2/01)	810.052	887.217

NOTES:

1. SEE DWG. NO. 1/2 FOR LOCATION AND VICINITY MAPS. LEGEND AND GENERAL NOTES.

2. SEE DWG. NO. 2/1 FOR CHANNEL SURVEY NOTES.

3. SEE DWG. NO. 3/1 FOR PALM BEACH DISPOSAL AREA SURVEY NOTES.

4. THERE IS A UTILITY CROSSING (POTABLE WATER LINE) IN THE VICINITY OF THE NORTH TURNING BASIN. SEE SPECIFICATIONS FOR DETAILS REGARDING UTILITY CROSSINGS OR SUBAQUEOUS CABLE CROSSINGS.

PALM BEACH HARBOR
TURNING BASIN

GRAPHIC SCALE
100' 0 100' 200'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	△	D5	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

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

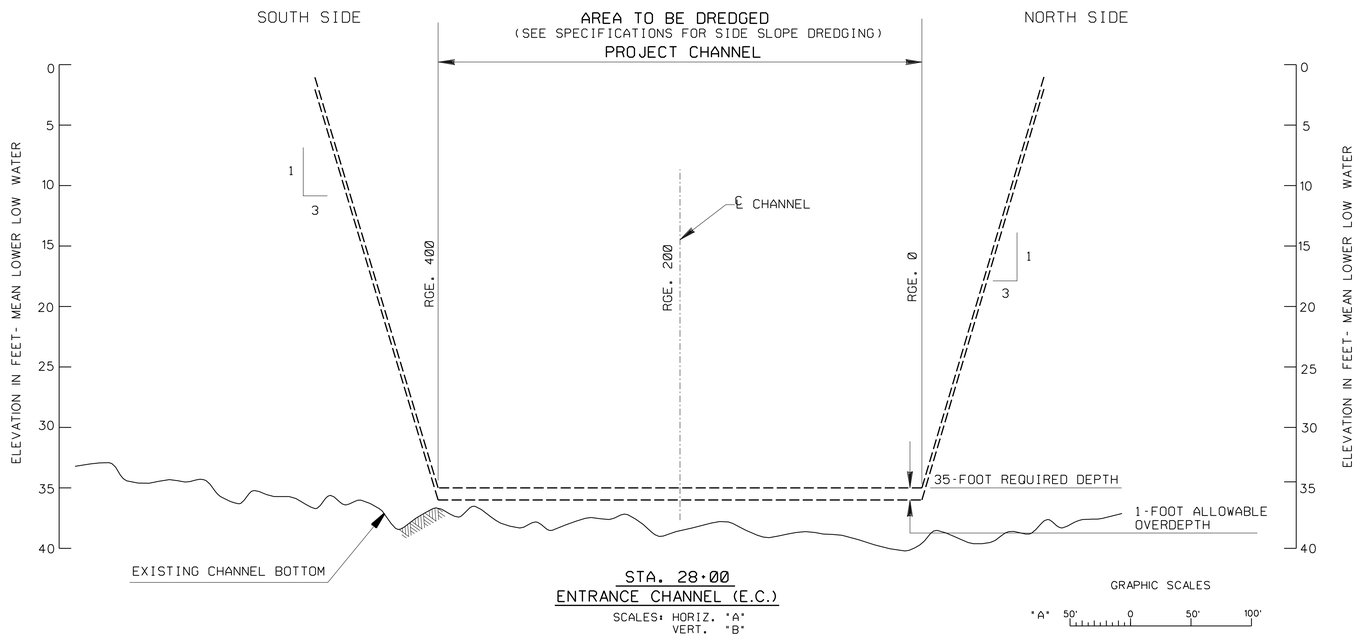
Designed by: ACK
Dwn by: FBS
Ckd by:
Inv. No.
Dated:
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX:X
Dated: JULY 2001
D.O.FILE NO. 16-38,215

File name: PBH2-3.DGN
Reference files: PBH-BRDR.DGN PALMBCH.DGN PBH-DISP.DGN CORZSYM.DGN CORZNAV.DGN GEOPH.DGN

PALM BEACH HARBOR, FLORIDA
CONSTRUCTION DREDGING
AND
MAINTENANCE DREDGING
33-FOOT PROJECT

DREDGING PLAN

DRAWING NO.
2/3



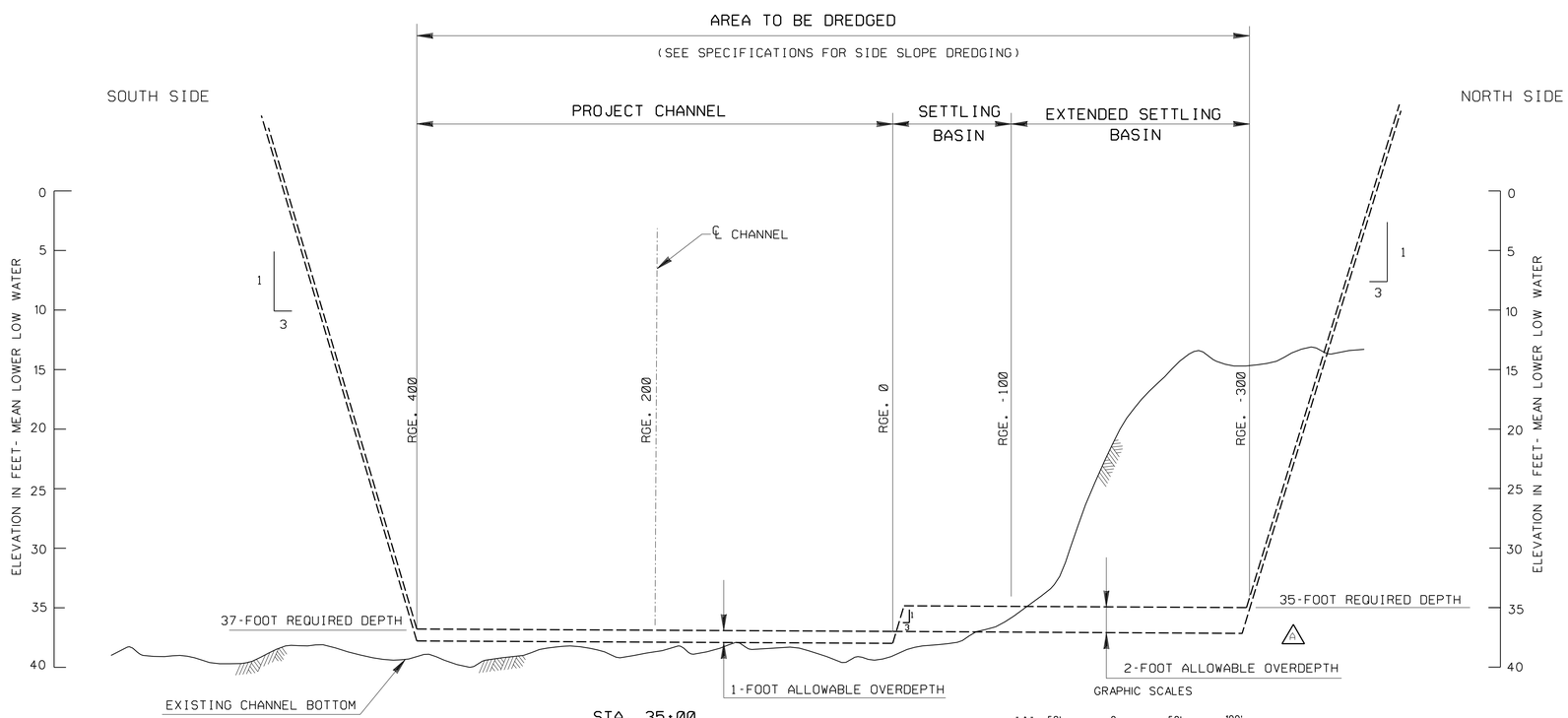
STA. 28+00
ENTRANCE CHANNEL (E.C.)

SCALES: HORIZ. "A"
VERT. "B"

GRAPHIC SCALES

"A" 50' 0 50' 100'

"B" 5' 0 5' 10'



STA. 35+00
ENTRANCE CHANNEL (E.C.)

SCALES: HORIZ. "A"
VERT. "B"

GRAPHIC SCALES

"A" 50' 0 50' 100'

"B" 5' 0 5' 10'

NOTES:

1. SEE DWG. NO. 1/2 FOR LOCATION AND VICINITY MAPS, LEGEND AND GENERAL NOTES.

2. SEE DWG. NO. 2/1 FOR CHANNEL SURVEY NOTES.

3. SEE DWG. NO. 3/1 FOR PALM BEACH DISPOSAL AREA SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	△	F1	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

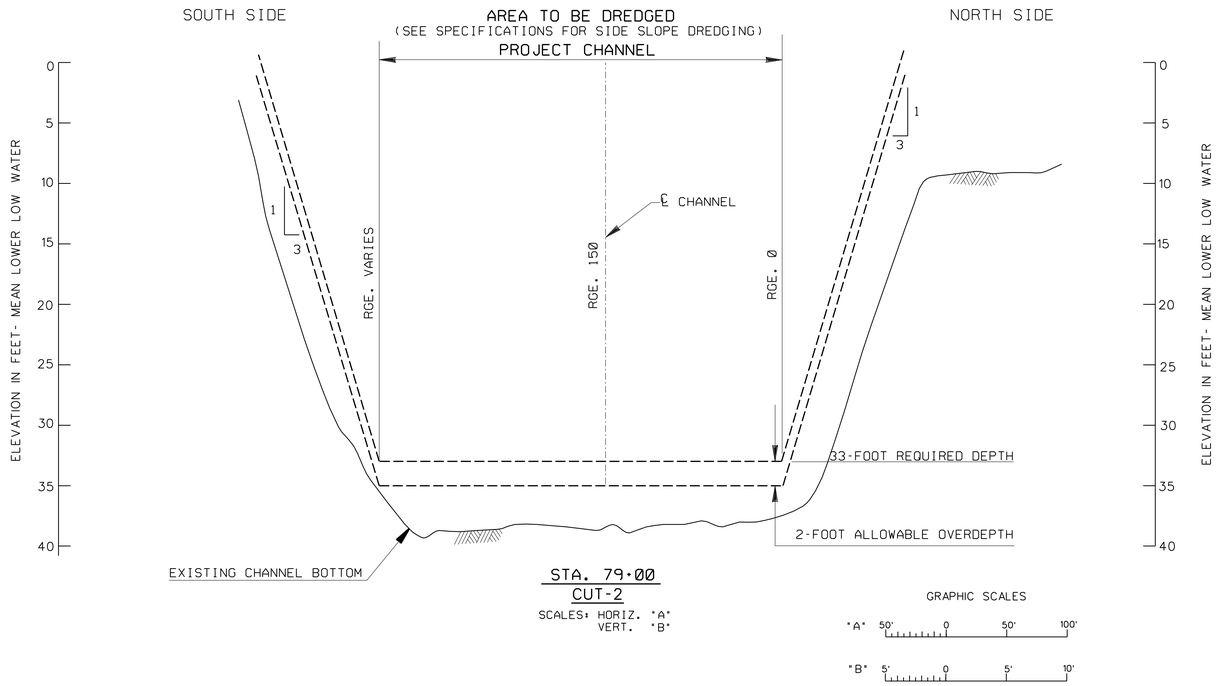
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Designed by: ACK
Dwn by: FBS
Ckd by: LRP
Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:
Dated: JULY 2001
D.O.FILE NO. 16-38.215

File name: PBH2-4.DGN
Reference files: PBH-BRGR.DGN ST1A28.DGN ST1A30.DGN

PALM BEACH HARBOR, FLORIDA
CONSTRUCTION DREDGING
AND
MAINTENANCE DREDGING
33-FOOT PROJECT
DREDGING SECTIONS

DRAWING NO.
2/4



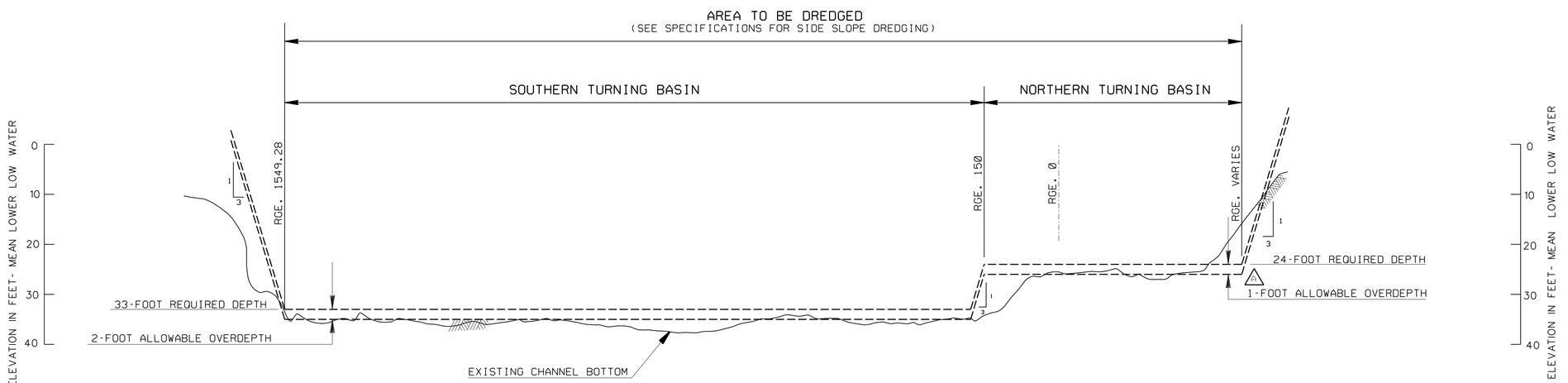
STA. 79+00
CUT-2

SCALES: HORIZ. "A"
VERT. "B"

GRAPHIC SCALES

"A" 50' 0 50' 100'

"B" 5' 0 5' 10'



STA. 14+00
SOUTHERN AND NORTHERN TURNING BASIN

SCALES: HORIZ. "C"
VERT. "D"

GRAPHIC SCALES

"C" 100' 0 100' 200'

"D" 10' 0 10' 20'

NOTES:

1. SEE DWG. NO. 1/2 FOR LOCATION AND VICINITY MAPS, LEGEND AND GENERAL NOTES.

2. SEE DWG. NO. 2/1 FOR CHANNEL SURVEY NOTES.

3. SEE DWG. NO. 3/1 FOR PALM BEACH DISPOSAL AREA SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	△	F2	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

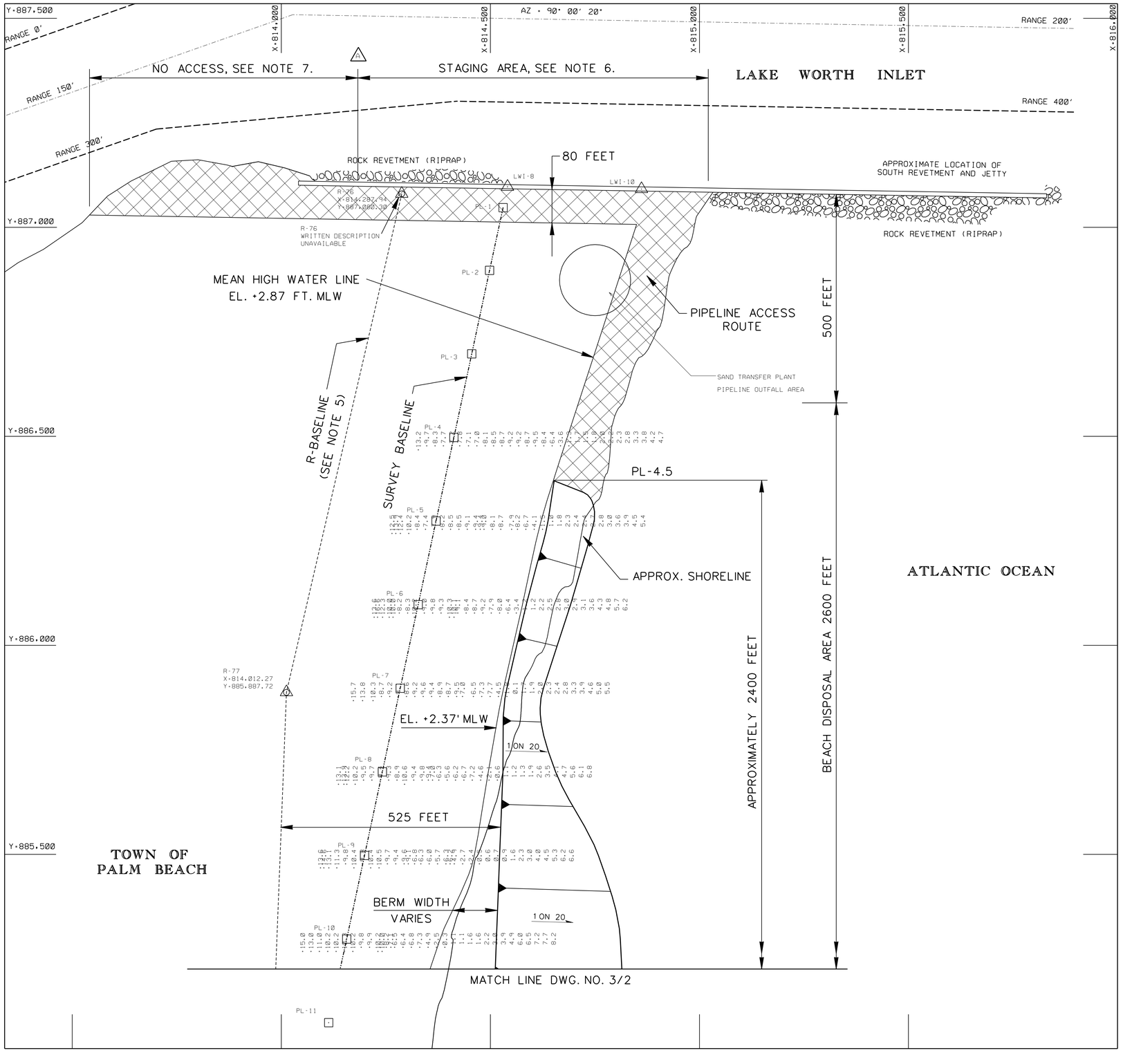
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Designed by: ACK
Dwn by: FBS
Ckd by: LRP
Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:
Dated: JULY 2001
D.O.FILE NO. 16-38,215

File name: PBH2-3.DGN
Reference files: PBH-BRDR.DGN STA79.DGN STA14B.DGN

PALM BEACH HARBOR, FLORIDA
CONSTRUCTION DREDGING
AND
MAINTENANCE DREDGING
33-FOOT PROJECT
DREDGING SECTIONS

DRAWING NO.
2/5



PALM BEACH HARBOR / BEACH DISPOSAL AREA SURVEY NOTES:

1. REFER TO ARC SURVEY NO. 001107.
2. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOW WATER (MLW) WHICH IS 1.66 FEET BELOW NGVD 1929.
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (·) SIGN.
4. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1927 (NAD27).
5. ALL AZIMUTHS ARE GRID; RECKONED CLOCKWISE FROM SOUTH.
6. THIS SURVEY WAS OBTAINED JANUARY 17, 2001.
7. AIDS TO NAVIGATION AND FIXED IMPROVEMENTS IN AND ADJACENT TO THE SURVEY AREA WERE NOT LOCATED DURING THIS SURVEY.
8. 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.
9. SURVEY QUALITY CONTROL STANDARDS AND FIELD EQUIPMENT CALIBRATIONS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH EM 1110-2-1003 FOR CLASS 1 HYDROGRAPHIC SURVEYS.

NOTES:

1. SEE DWG. NO. 1/2 FOR LOCATION, VICINITY MAP, LEGEND AND GENERAL NOTES.
2. SEE DWG. NO. 2/1 FOR CHANNEL SURVEY NOTES.
3. SEE THIS DRAWING FOR PALM BEACH DISPOSAL AREA SURVEY NOTES.
4. SEE SPECIFICATIONS FOR BEACH FILL TOLERANCES.
5. R-MONUMENT X-Y COORDINATES ARE PROVIDED FOR INFORMATION ONLY. SEE PROJECT DEP WATER QUALITY CERTIFICATE MOD DATED 30 JANUARY 1998.
6. SOUTHERN BOUNDARY OF STAGING AREA IS A LINE PARALLEL TO AND 80 FEET SOUTH OF THE SOUTH FACE OF CONCRETE JETTY WALL. ACCESS TO STAGING AREA IS FROM WATER ONLY (NO STREET ACCESS).
7. NO CONTRACTOR ACCESS WEST OF X=814,200 DUE TO HOMEOWNER ENCROACHMENTS ON GOVERNMENT PROPERTY.

ABBREVIATIONS	
NGVD	NATIONAL GEODETIC VERTICAL DATUM OF 1929
MLW	MEAN LOW WATER
P.I.	POINT OF INTERSECTION
EL	ELEVATION (FEET)

GRAPHIC SCALE

100' 0 100' 200'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	△	C6	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

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

Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale: 1:100

Designed by: JCK
Dwn by: FBS
Ckd by: RLH
Dated: JULY 2001
D.O.FILE NO. 16-38.215

File name: PBH3-1.DGN
Reference files: PBH-BRDR2.DGN, 1107CTRL.DGN, 1107BL.DGN, 1107PL.DGN, 0117DAD.DGN, BDPLAN.DGN

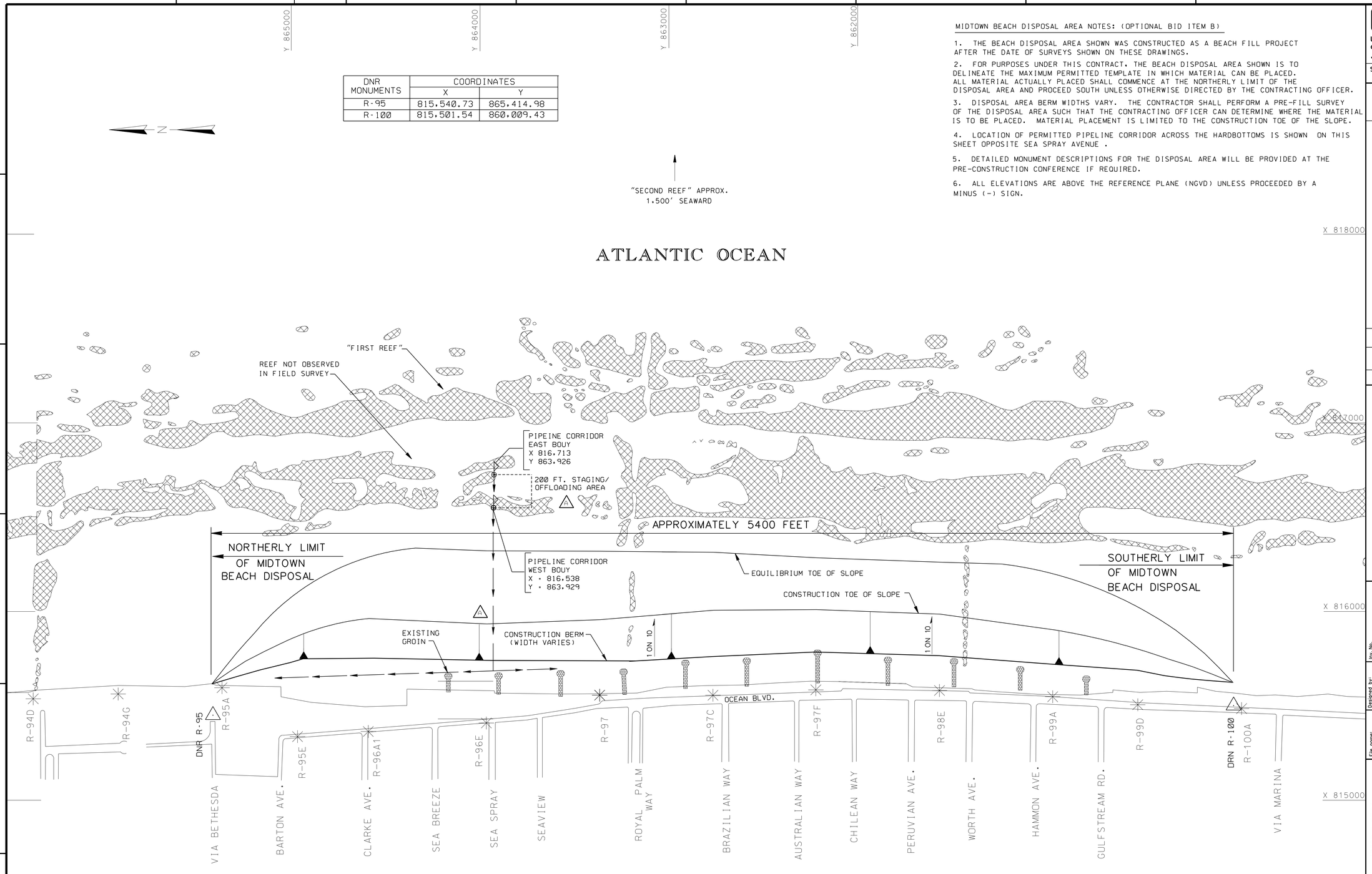
PALM BEACH HARBOR, FLORIDA
CONSTRUCTION DREDGING
AND
MAINTENANCE DREDGING
33-FOOT PROJECT
BEACH DISPOSAL AREA PLAN

DRAWING NO.
3/1

DNR MONUMENTS	COORDINATES	
	X	Y
R-95	815,540.73	865,414.98
R-100	815,501.54	860,009.43

MIDTOWN BEACH DISPOSAL AREA NOTES: (OPTIONAL BID ITEM B)

1. THE BEACH DISPOSAL AREA SHOWN WAS CONSTRUCTED AS A BEACH FILL PROJECT AFTER THE DATE OF SURVEYS SHOWN ON THESE DRAWINGS.
2. FOR PURPOSES UNDER THIS CONTRACT, THE BEACH DISPOSAL AREA SHOWN IS TO DELINEATE THE MAXIMUM PERMITTED TEMPLATE IN WHICH MATERIAL CAN BE PLACED. ALL MATERIAL ACTUALLY PLACED SHALL COMMENCE AT THE NORTHERLY LIMIT OF THE DISPOSAL AREA AND PROCEED SOUTH UNLESS OTHERWISE DIRECTED BY THE CONTRACTING OFFICER.
3. DISPOSAL AREA BERM WIDTHS VARY. THE CONTRACTOR SHALL PERFORM A PRE-FILL SURVEY OF THE DISPOSAL AREA SUCH THAT THE CONTRACTING OFFICER CAN DETERMINE WHERE THE MATERIAL IS TO BE PLACED. MATERIAL PLACEMENT IS LIMITED TO THE CONSTRUCTION TOE OF THE SLOPE.
4. LOCATION OF PERMITTED PIPELINE CORRIDOR ACROSS THE HARDBOTTOMS IS SHOWN ON THIS SHEET OPPOSITE SEA SPRAY AVENUE .
5. DETAILED MONUMENT DESCRIPTIONS FOR THE DISPOSAL AREA WILL BE PROVIDED AT THE PRE-CONSTRUCTION CONFERENCE IF REQUIRED.
6. ALL ELEVATIONS ARE ABOVE THE REFERENCE PLANE (NGVD) UNLESS PROCEEDED BY A MINUS (-) SIGN.



NOTES:

1. SEE DWG. NO. 1/2 FOR LOCATION, VICINITY MAP, LEGEND AND GENERAL NOTES.
2. SEE DWG. NO. 2/1 FOR CHANNEL SURVEY NOTES.
3. SEE DWG. NO. 3/1 FOR PALM BEACH DISPOSAL AREA SURVEY NOTES.
4. SEE DWG. NOS. 3/5 AND 3/6 FOR MIDTOWN BEACH DISPOSAL AREA SURVEY NOTES.

GRAPHIC SCALE

200' 0 200' 400'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
2	△3	C3.C4	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

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

Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:

Designed by: ACK
Dwn by: FBS
Ckd by: RLH
Reference files: PBH-BROR2.DGN
File name: PBH3-6.DGN
Dated: JULY 2001
D.O.FILE NO. 16-38.215

PALM BEACH HARBOR, FLORIDA
CONSTRUCTION DREDGING
AND
MAINTENANCE DREDGING
33-FOOT PROJECT
MIDTOWN BEACH DISPOSAL AREA PLAN

DRAWING NO.
3/6