SAFETY ON THIS JOB
DEPENDS ON YOU

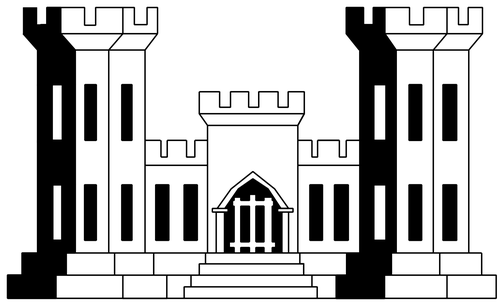
MARTIN COUNTY, FLORIDA
ST. LUCIE INLET
7-FOOT PROJECT

PLANS FOR

CONSTRUCTION DREDGING IMPOUNDMENT BASIN (BASE BID)

MAINTENANCE DREDGING IMPOUNDMENT BASIN AND ENTRANCE CHANNEL, CUT-1 (BASE BID)

NORTH JETTY REHABILITATION (OPTION 1) 200-FOOT SOUTH JETTY EXTENSION (OPTION 2)



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

2001

TO ACCOMPANY REQUEST FOR PROPOSAL
NO. DACW17-02-R-0005

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

D. O. FILE NOS. 15-38,152, 15-38,192, 15-38,214 FILE NAME: sluc00-1.dgn

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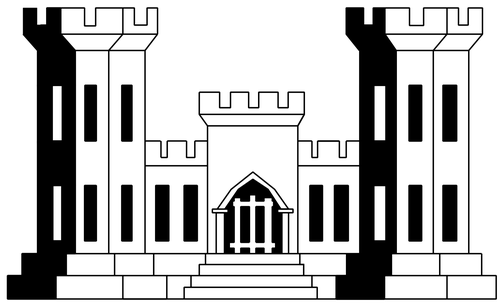
MARTIN COUNTY, FLORIDA
ST. LUCIE INLET
7-FOOT PROJECT

PLANS FOR

NORTH JETTY REHABILITATION AND 200-FOOT SOUTH JETTY EXTENSION



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

2001

TO ACCOMPANY SOLICITATION
NO. DACW17-02-R-0005

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

D. O. FILE NO. 15-38,214

FILE NAME: sluc00-1J.dgn

MARTIN COUNTY, FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET
PLANS FOR

CONSTRUCTION DREDGING
IMPOUNDMENT BASIN
(BASE BID)

MAINTENANCE DREDGING
IMPOUNDMENT BASIN AND ENTRANCE
CHANNEL, CUT-1 (BASE BID)

NORTH JETTY REHABILITATION
(OPTION 1)
200-FOOT SOUTH JETTY EXTENSION
(OPTION 2)

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		200-FT SOUTH JETTY EXTENSION (OPTION 2)		NORTH JETTY REHABILITATION (OPTION 1)
1/1J	INDEX TO DRAWINGS	2/1J	SOUTH JETTY EXTENSION PLAN AND CONTROL DATA	3/1J	NORTH JETTY PLAN AND CONTROL DATA
1/2J	LOCATION AND VICINITY MAPS, LEGEND AND GENERAL NOTES	2/2J	SOUTH JETTY EXTENSION PROFILE AND FOOTPRINT PLAN	3/2J	STA. 27+50 NORTH JETTY SECTION
1/3J	CHANNEL CONTROL AND CHANNEL, NORTH AND SOUTH JETTIES SURVEY DATA	2/3J	STA. 12+50 SOUTH JETTY EXTENSION SECTION	3/3J	STA. 28+00 NORTH JETTY SECTION
1/4J	NORTH JETTY RIGHT-OF-WAY MAP	2/4J	STA. 13+00 SOUTH JETTY EXTENSION SECTION	3/4J	STA. 28+50 NORTH JETTY SECTION
		2/5J	STA. 13+50 SOUTH JETTY EXTENSION SECTION	3/5J	STA. 29+00 NORTH JETTY SECTION
		2/6J	STA. 14+00 SOUTH JETTY EXTENSION SECTION	3/6J	STA. 29+50 NORTH JETTY SECTION
		2/7J	SOUTH JETTY MARINE MATTRESS DETAILS	3/7J	STA. 30+00 NORTH JETTY SECTION
	A			3/8J	STA. 30+50 NORTH JETTY SECTION
				3/9J	STA. 31+00 NORTH JETTY SECTION
				3/10J	STA. 31+50 NORTH JETTY SECTION
				3/11J	STA. 32+00 NORTH JETTY SECTION
				3/12J	NORTH JETTY MARINE MATTRESS DETAILS
			A		

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
2	A	F3.C4	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

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

Inv. No. DAWC17-02-R-0005
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:

Designed by: BJH
Drawn by: BJH
Ckd by: JWB

Dated: JULY 2001

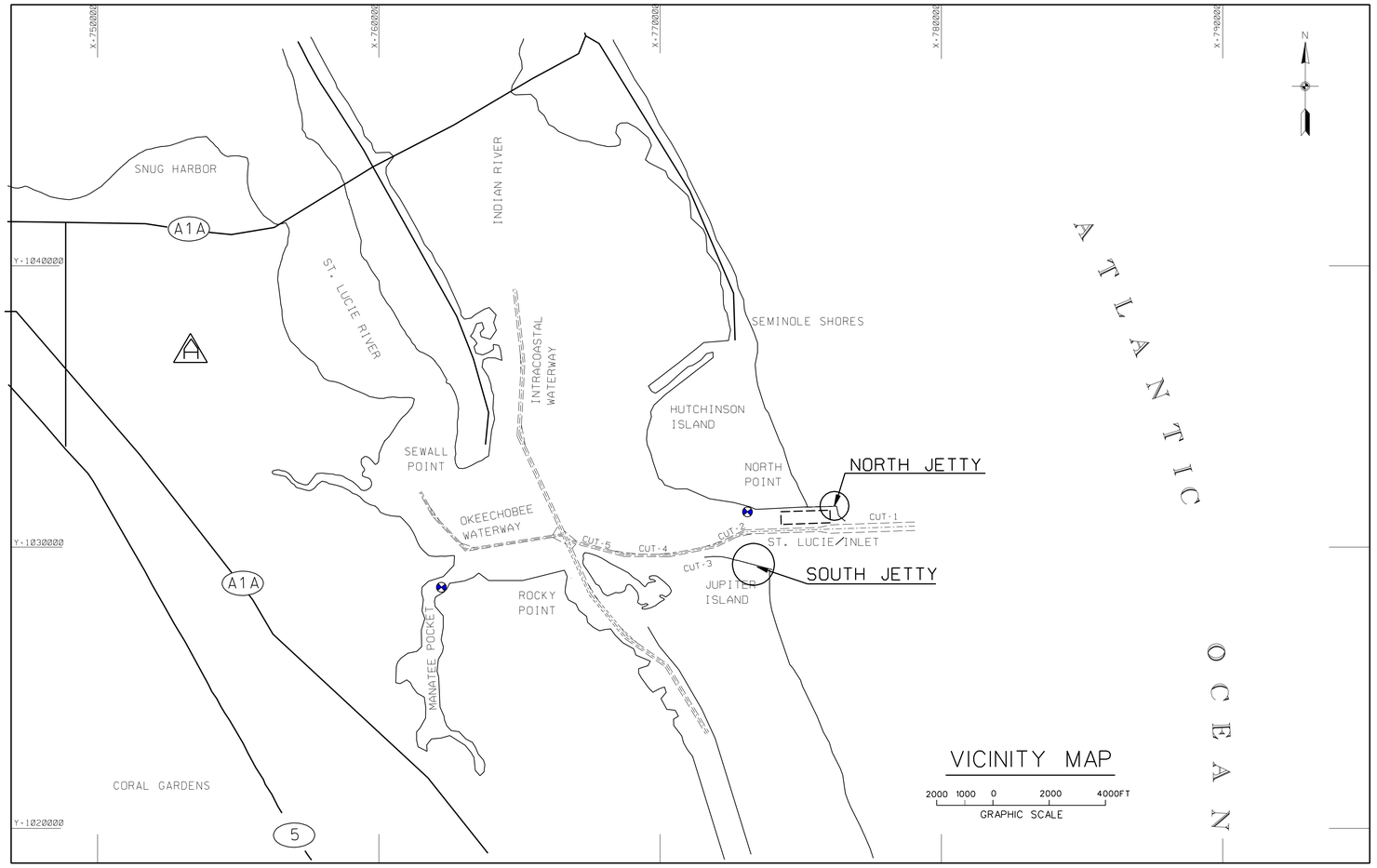
D.O.FILE NO. 15-38.214

File name: stuc01-1J.dgn
Reference files: stucbrdr.dgn

MARTIN COUNTY-FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET
NORTH JETTY REHABILITATION AND
200-FOOT SOUTH JETTY EXTENSION
INDEX TO DRAWINGS

DRAWING NO.
1/1 J

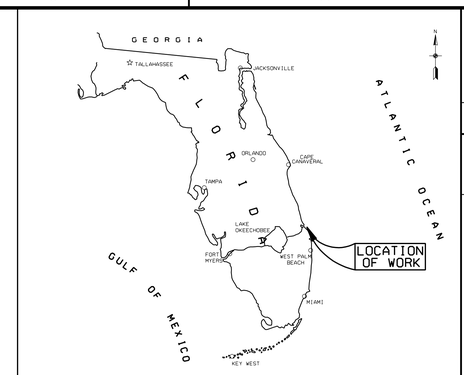
SHEET 1 OF 23



VICINITY MAP

2000 1000 0 2000 4000FT

GRAPHIC SCALE



LOCATION MAP

NTS

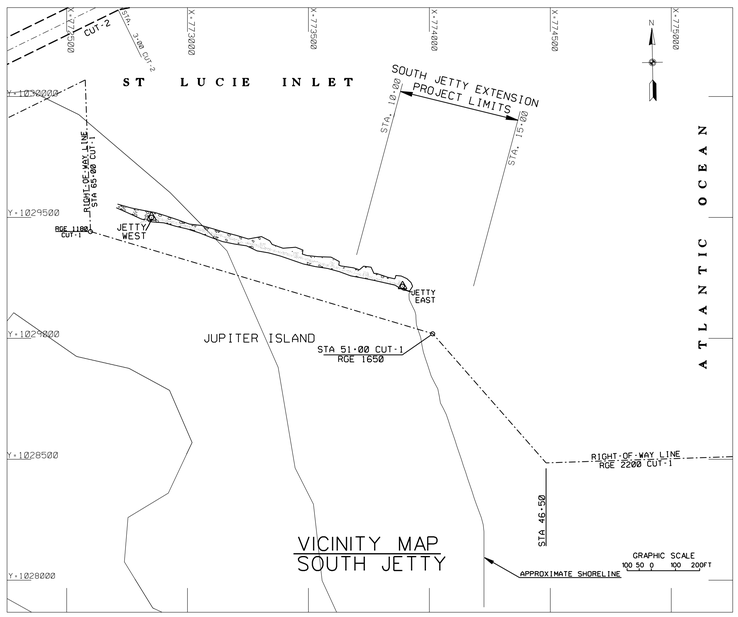
GENERAL NOTES:

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.

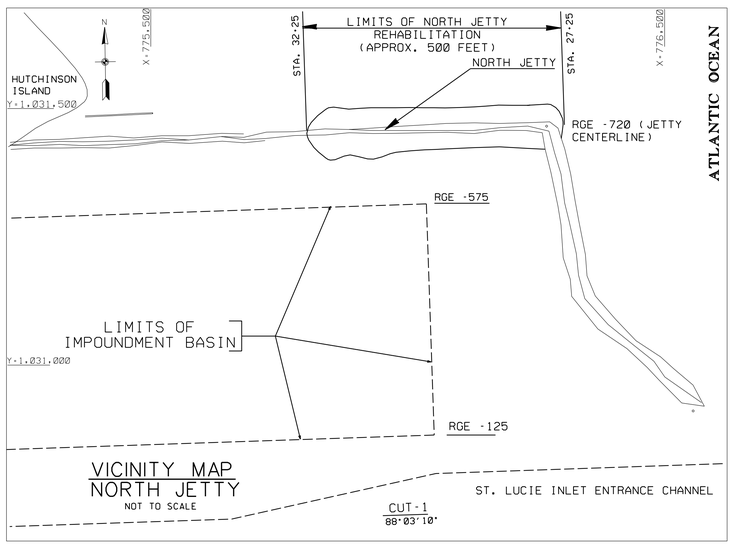
2. SEE DWG. NO. 1/3J FOR CHANNEL, IMPOUNDMENT BASIN, NORTH JETTY, AND SOUTH JETTY SURVEY NOTES.

3. SEE DWG. NO. 2/1J FOR SOUTH JETTY CONTROL DATA.

4. SEE DWG. NO. 3/1J FOR NORTH JETTY CONTROL DATA.



VICINITY MAP
SOUTH JETTY



VICINITY MAP
NORTH JETTY
NOT TO SCALE

LEGEND

	RIGHT-OF-WAY LINE
43.6	SOUNDING AND LOCATION
	AIDS TO NAVIGATION
	TIDE STAFF
	BENCHMARK
CB-SLI94-10	CORE BORING
2.0 -14.0 WPSLI00-13	WASH PROBE LEFT NO. - EXISTING SURFACE ELEV. RIGHT NO. - TOP OF ROCK ELEV.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	A	A5	REVISED TO ACCOMPANY AMENDMENT NO. 0002.	

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

Designed by: BJH
Drawn by: BJH
Cad by: JWB
Checked by:
Dated: JULY 2001

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

File name: suc01-2.dgn
Reference files: suctrdr2.dgn suc4subs.dgn NJVIS.dgn

D.O.FILE NO. 15-38.214

MARTIN COUNTY-FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET

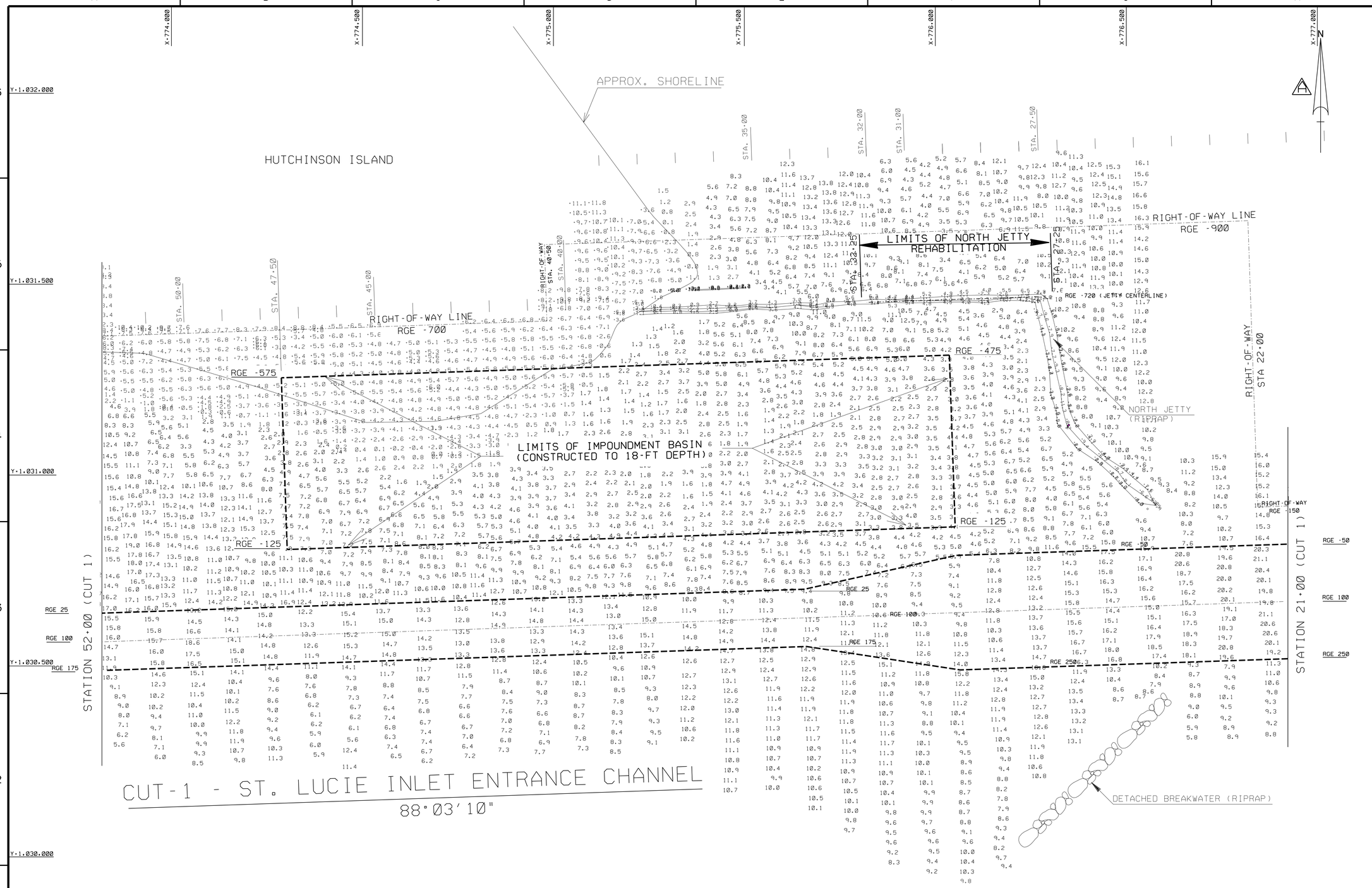
NORTH JETTY REHABILITATION AND 200-FOOT SOUTH JETTY EXTENSION

LOCATION, VICINITY MAPS, LEGEND AND GENERAL NOTES

DRAWING NO.

1/2J

SHEET OF



NOTES:

1. REFER TO DWG. NO. 1/2J FOR LEGEND AND GENERAL NOTES.
2. REFER TO DWG NO. 1/3J FOR CHANNEL, NORTH AND SOUTH JETTIES SURVEY NOTES. SURVEY ELEVATIONS PROVIDED FOR INFORMATION PURPOSES ONLY. SEE GAHAGAN BRYANT SURVEY DATED AUGUST 2001 ON DWG. 2/1M FOR MOST RECENT SURVEY DATA.
3. NORTH JETTY STATIONING AND RANGE REFER TO CENTERLINE OF ST. LUCIE ENTRANCE CHANNEL, CUT-1.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
2	A	C1.H6	REVISED TO ACCOMPANY AMENDMENT NO. 0002.	

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

Designed by: BJH
Dwn by: BJH
Ckd by: JWB
Inv. No.
Dated:
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Plot date:
Plot scale:

Dated: JULY 2001
D.O.FILE NO. 15-38.214

File name: sluc01-4j.dgn
Reference files: slucbrdr.dgn, a226elev.dgn, a226nsct.dgn, a226dtm.dgn, florida.dgn

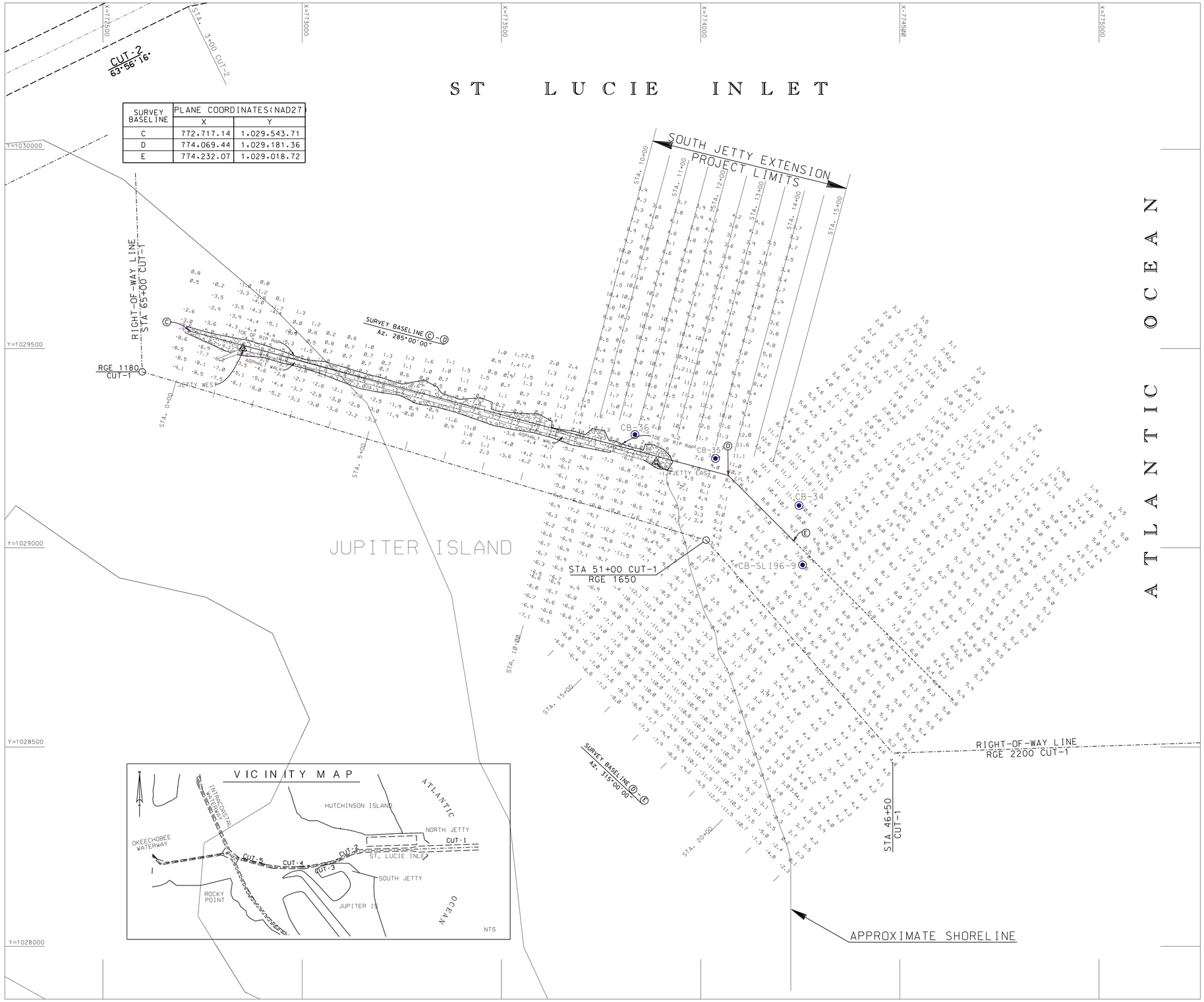
MARTIN COUNTY, FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET

NORTH JETTY REHABILITATION AND 200-FOOT SOUTH JETTY EXTENSION

NORTH JETTY RIGHT-OF-WAY MAP

DRAWING NO.
1/4J

SHEET OF



NOTES:

1. REFER TO DWG. NO. 1/2J FOR LEGEND AND GENERAL NOTES.
2. REFER TO DWG NO. 1/3J FOR CHANNEL AND NORTH AND SOUTH JETTY SURVEY NOTES.
3. SOUTH JETTY STATIONING AND RANGE REFER TO SOUTH JETTY SURVEY BASELINE.
4. RIGHT-OF-WAY LINE STATIONING AND RANGE REFER TO ST. LUCIE CHANNEL. CUT-1 CENTERLINE.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	A	H-1	REVISED TO ACCOMPANY AMENDMENT NO. 0002.	

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

Designed by: BJH
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Cad by: JWB
Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:
Dated: JULY 2001
D.O.FILE NO. 15-38.214

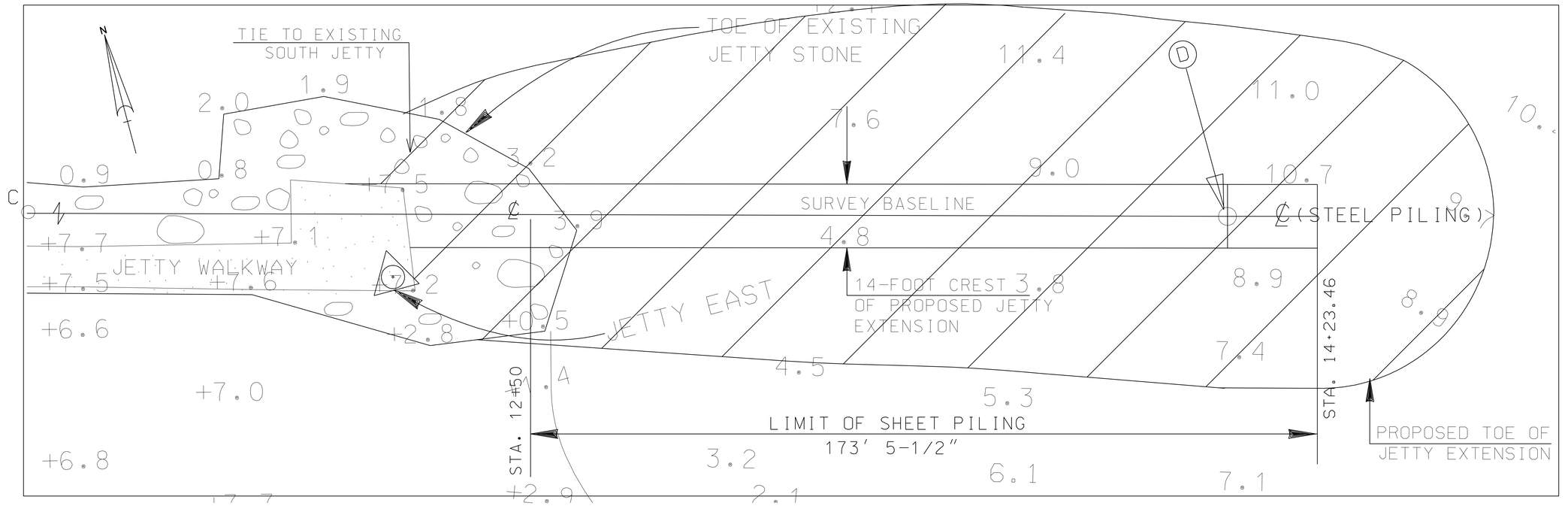
File name: suc02-1J.dgn
Reference files: sluciref.dgn, s2251topo.dgn, a225elev.dgn, A225ctl.dgn, A225topo.dgn, florida.dgn

MARTIN COUNTY, FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET

NORTH JETTY REHABILITATION AND
200-FOOT SOUTH JETTY EXTENSION

SOUTH JETTY EXTENSION PLAN
AND CONTROL DATA

DRAWING NO.
2/1J
SHEET OF

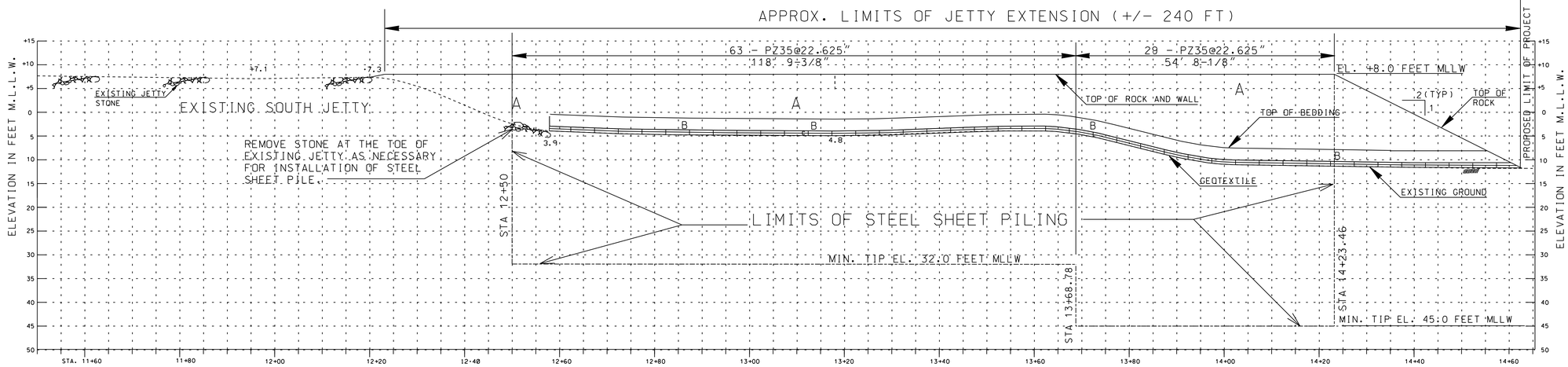


PLAN: SOUTH JETTY EXTENSION

SCALE: 1" = 10'

LEGEND:

A	ARMOR STONE
B	30" BEDDING STONE LAYER
	12" MARINE MATTRESS
	LIMITS OF SHEET PILING



PROFILE: SOUTH JETTY EXTENSION

NOTES:

1. REFER TO DWG. NO. 1/2J FOR LEGEND AND GENERAL NOTES.
2. REFER TO DWG. NO. 1/3J FOR CHANNEL, NORTH AND SOUTH JETTIES SURVEY NOTES.
3. REFER TO DWG. NO. 2/1J FOR SOUTH JETTY EXTENSION CONTROL DATA.
4. LAYOUT OF WALL SHOWN WITH PZ35 STEEL SHEET PILE. OTHER HOT-ROLLED SECTIONS MAY BE USED; S(MIN) = 48 INCHES CUBED, MINIMUM FLANGE THICKNESS = 0.50 INCH, MINIMUM WEB THICKNESS = 0.48 INCH. CONTRACTOR SHALL SUBMIT LAYOUT DRAWINGS BASED ON THE ACTUAL SHEET PILE SECTIONS TO BE USED.
5. COAT STEEL SHEET PILE IN ACCORDANCE WITH SPECIFICATION SECTION 09965.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	A	H1	REVISED TO ACCOMPANY AMENDMENT NO. 0002.	

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

Designed by: BJH
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Ckd by: JWB
Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:
Dated: JULY 2001
D.O.FILE NO. 15-38.214

File name: sluc02-2J.dgn
Reference files: slucbrdrJ.dgn sjetplan.dgn

MARTIN COUNTY, FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET
NORTH JETTY REHABILITATION AND 200-FOOT SOUTH JETTY EXTENSION

SOUTH JETTY EXTENSION
PROFILE AND FOOTPRINT PLAN

DRAWING NO.
2/2J

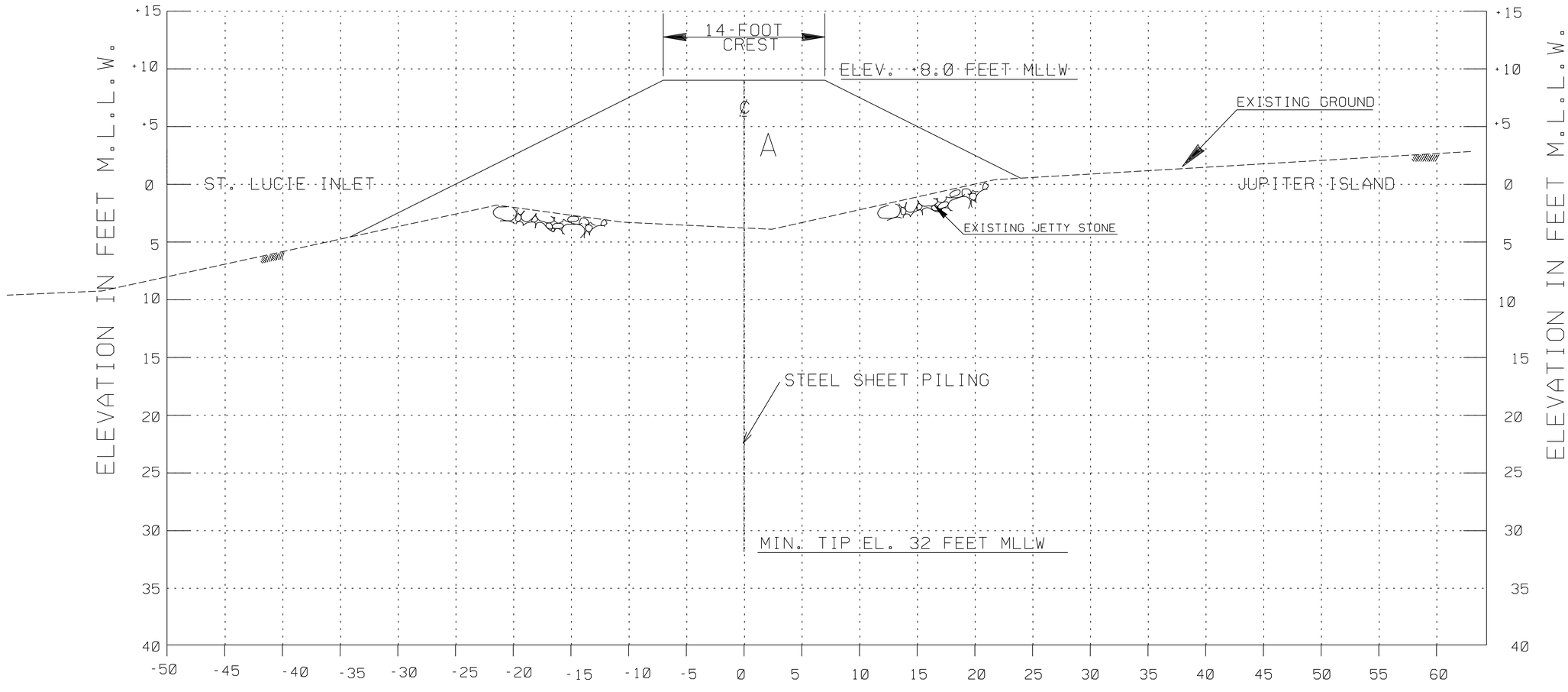
SHEET OF

LEGEND:

A ARMOR STONE

B 30" BEDDING STONE LAYER

12" MARINE MATTRESS



SOUTH JETTY EXTENSION SECTION

STA. 12+50

SOUTH JETTY CONSTRUCTION (SJC) NOTES:

1. PLACE NEW ARMOR STONE ON EXISTING ARMOR STONE OR BEDDING STONE TO BRING STRUCTURE TO EL. +8.0. STONE SHALL BE BROUGHT UP EVENLY ON BOTH SIDES OF THE STEEL SHEET PILE WALL.

2. SLOPE BEDDING STONE 1 VERTICAL: 1 HORIZONTAL.

3. REFER TO SPECIFICATIONS FOR STONE GRADATION AND MATERIALS SPECIFICATIONS.

4. CONTRACTOR SHALL FIT SECTION IN FIELD AS NECESSARY.

NOTES:

1. REFER TO DWG. NO. 1/2J FOR GENERAL LEGEND AND NOTES.

2. REFER TO DWG. NO. 1/3J FOR CHANNEL, NORTH AND SOUTH JETTIES SURVEY NOTES.

3. REFER TO DWG. NO. 2/1J FOR SOUTH JETTY EXTENSION CONTROL DATA.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	A	H-1	REVISED TO ACCOMPANY AMENDMENT NO. 0002.	

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

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

Dated: JULY 2001
D.O.FILE NO. 15-38.214

File name: sluc02-3J.dgn
Reference files: sluctbrdr.dgn

MARTIN COUNTY, FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET

NORTH JETTY REHABILITATION AND
200-FOOT SOUTH JETTY EXTENSION

STA. 12+50 - SOUTH JETTY EXTENSION SECTION

DRAWING NO.

2/3J

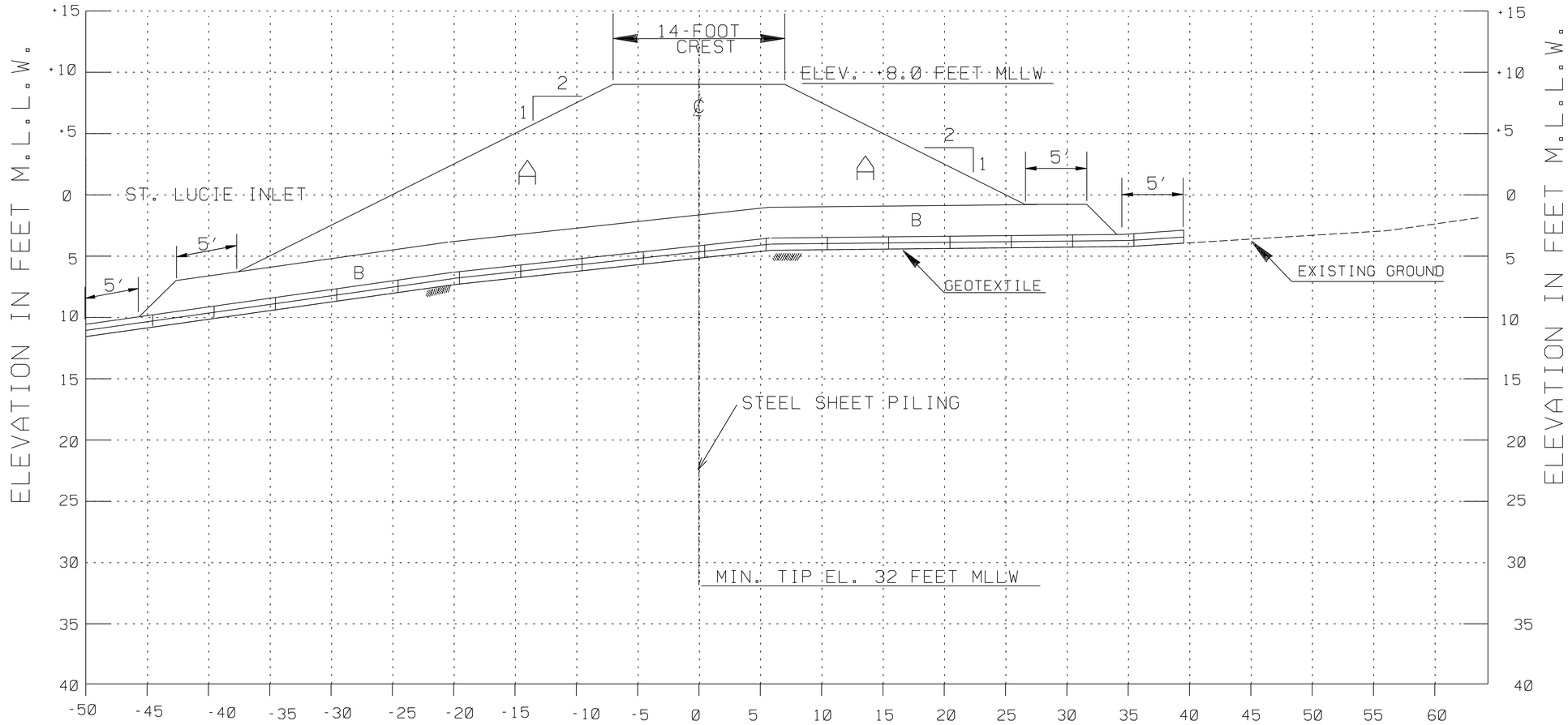
SHEET OF

LEGEND:

A ARMOR STONE

B 30" BEDDING STONE LAYER

12" MARINE MATTRESS



SOUTH JETTY EXTENSION SECTION

STA. 13+00

SOUTH JETTY CONSTRUCTION (SJC) NOTES:

1. PLACE NEW ARMOR STONE ON BEDDING STONE TO BRING STRUCTURE TO EL. +8.0. STONE SHALL BE BROUGHT UP EVENLY ON BOTH SIDES OF THE STEEL SHEET PILE WALL.

2. SLOPE BEDDING STONE 1 VERTICAL: 1 HORIZONTAL.

3. REFER TO SPECIFICATIONS FOR STONE GRADATION AND MATERIALS SPECIFICATIONS.

4. CONTRACTOR SHALL FIT SECTION IN FIELD AS NECESSARY.

NOTES:

1. REFER TO DWG. NO. 1/2J FOR LEGEND AND GENERAL NOTES.

2. REFER TO DWG. NO. 1/3J FOR CHANNEL, NORTH AND SOUTH JETTIES SURVEY NOTES.

3. REFER TO DWG. NO. 2/1J FOR SOUTH JETTY EXTENSION CONTROL DATA.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	A	H-3	REVISED TO ACCOMPANY AMENDMENT NO. 0002.	

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

Designed by: BJH
Drawn by: BJH
Ckd by: JWB
Inv. No.:
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:
Dated: JULY 2001
D.O.FILE NO. 15-38.214

File name: stuc02-1.dgn
Reference files: stucbrdr.dgn

MARTIN COUNTY, FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET
NORTH JETTY REHABILITATION AND
200-FOOT SOUTH JETTY EXTENSION
STA. 13+00 - SOUTH JETTY EXTENSION SECTION

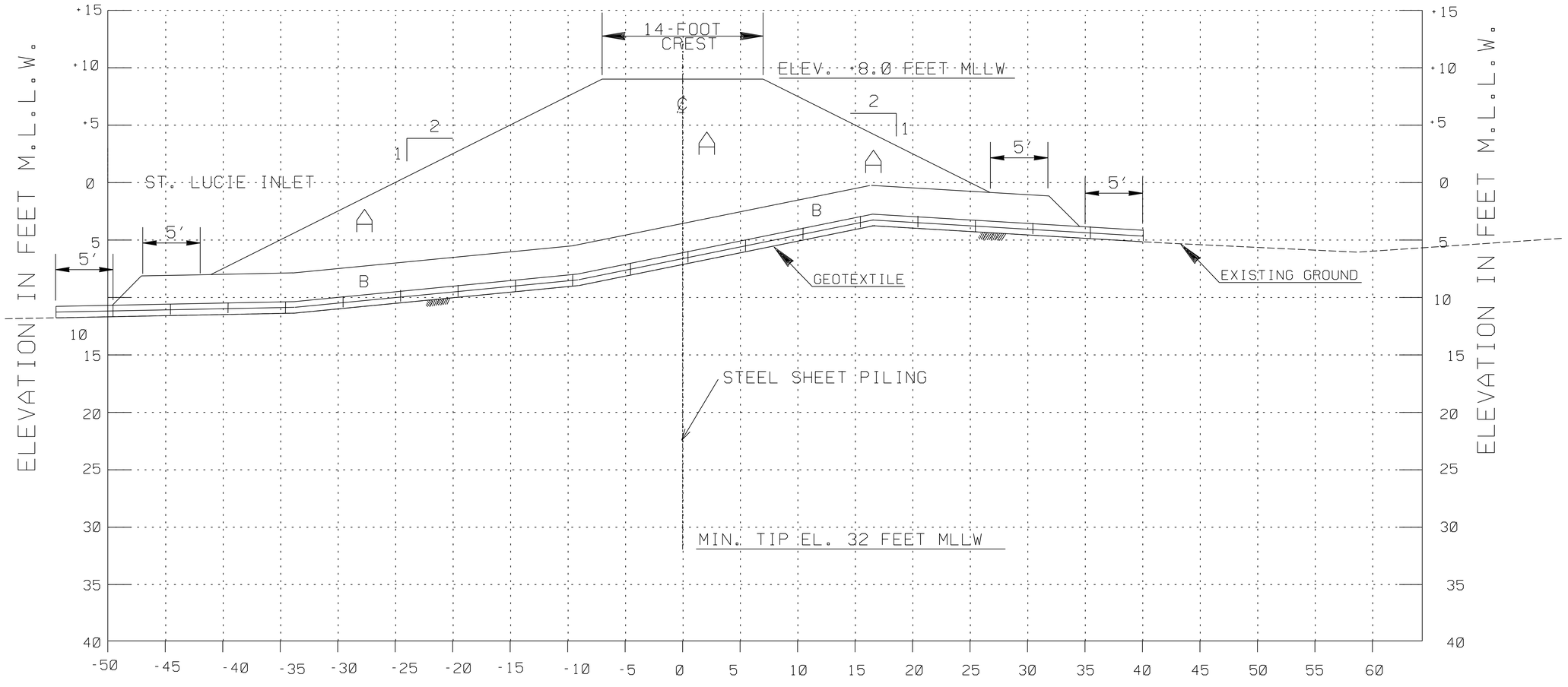
DRAWING NO.
2/4J
SHEET OF

LEGEND:

A ARMOR STONE

B 30" BEDDING STONE LAYER

12" MARINE MATTRESS



SOUTH JETTY EXTENSION SECTION

STA. 13+50

SOUTH JETTY CONSTRUCTION (SJC) NOTES:

1. PLACE NEW ARMOR STONE ON BEDDING STONE TO BRING STRUCTURE TO EL. +8.0. STONE SHALL BE BROUGHT UP EVENLY ON BOTH SIDES OF STEEL SHEET PILE WALL.

2. SLOPE BEDDING STONE 1 VERTICAL: 1 HORIZONTAL.

3. REFER TO SPECIFICATIONS FOR STONE GRADATION AND MATERIALS SPECIFICATIONS.

4. CONTRACTOR SHALL FIT SECTION IN FIELD AS NECESSARY.

NOTES:

1. REFER TO DWG. NO. 1/2J FOR LEGEND AND GENERAL NOTES.

2. REFER TO DWG. NO. 1/3J FOR CHANNEL, NORTH AND SOUTH JETTIES SURVEY NOTES.

3. REFER TO DWG. NO. 2/1J FOR SOUTH JETTY EXTENSION CONTROL DATA.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	A	H-1	REVISED TO ACCOMPANY AMENDMENT NO. 0002.	

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

Designed by: BJH
Dwn by: BJH
Ckd by: JWB
Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:

Dated: JULY 2001
D.O.FILE NO. 15-38.214

File name: sluc02-5J.dgn
Reference files: slucbrdrJ.dgn

MARTIN COUNTY, FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET

NORTH JETTY REHABILITATION AND
200-FOOT SOUTH JETTY EXTENSION

STA. 13+50 - SOUTH JETTY EXTENSION SECTION

DRAWING NO.

2/5J

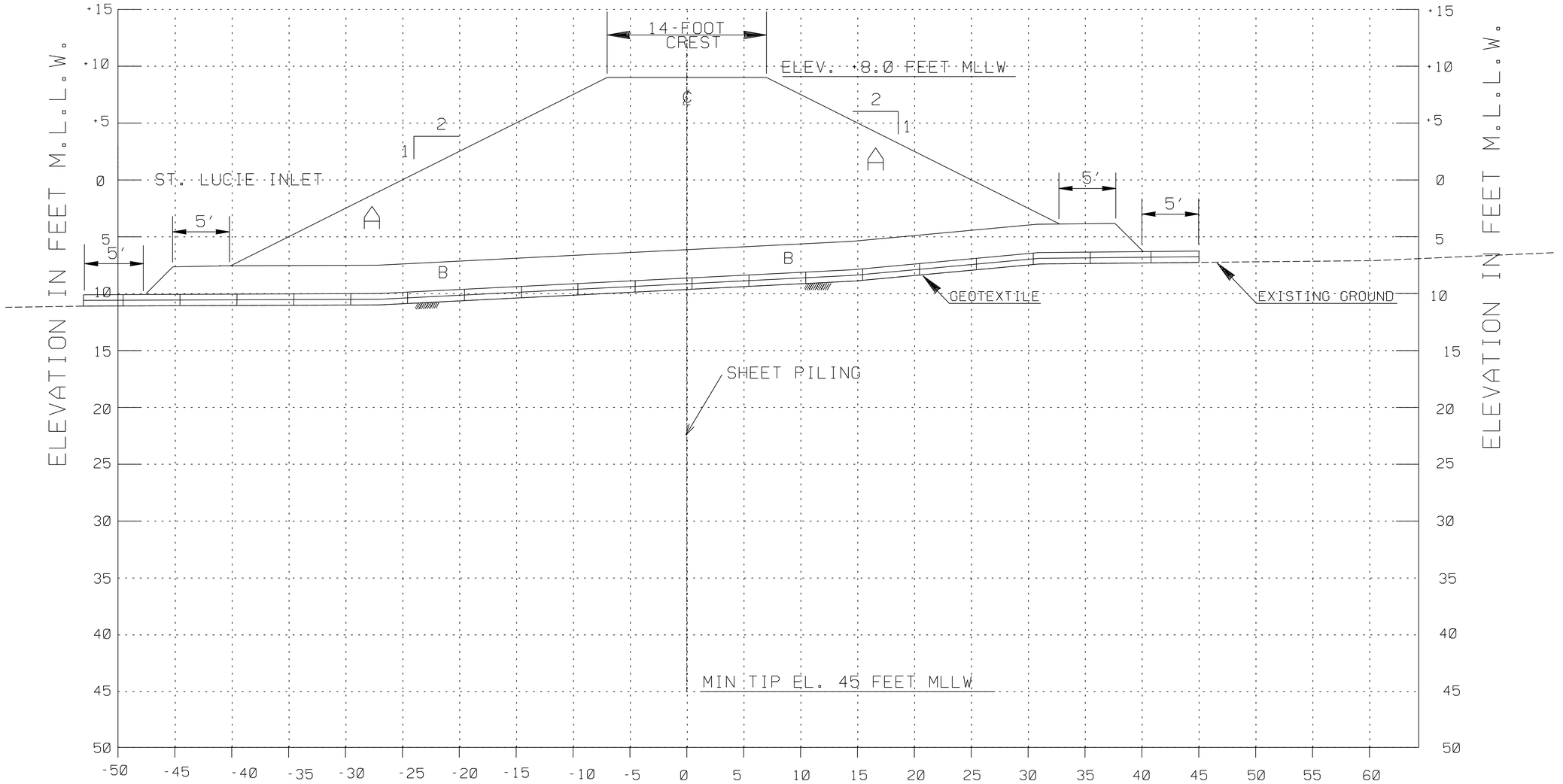
SHEET OF

LEGEND:

A ARMOR STONE

B 30" BEDDING STONE LAYER

12" MARINE MATTRESS



SOUTH JETTY EXTENSION SECTION

STA. 14+00

SOUTH JETTY CONSTRUCTION (SJC) NOTES:

1. PLACE NEW ARMOR STONE ON BEDDING STONE TO BRING STRUCTURE TO EL. +8.0. STONE SHALL BE BROUGHT UP EVENLY ON BOTH SIDES OF STEEL SHEET PILE WALL.

2. SLOPE BEDDING STONE 1 VERTICAL: 1 HORIZONTAL.

3. REFER TO SPECIFICATIONS FOR STONE GRADATION AND MATERIALS SPECIFICATIONS.

4. CONTRACTOR SHALL FIT SECTION IN FIELD AS NECESSARY.

NOTES:

1. REFER TO DWG. NO. 1/2J FOR LEGEND AND GENERAL NOTES.

2. REFER TO DWG. NO. 1/3J FOR CHANNEL, NORTH AND SOUTH JETTIES SURVEY NOTES.

3. REFER TO DWG. NO. 2/1J FOR SOUTH JETTY EXTENSION CONTROL DATA.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	A	H-1	REVISED TO ACCOMPANY AMENDMENT NO. 0002.	

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

Inv. No.
Dated:
Scale: AS SHOWN
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Designed by: BJH
Drawn by: BJH
Ckd by: JWB
Dated: JULY 2001

D.O.FILE NO. 15-38.214

File name: stuc02-1b.dgn
Reference files: stucbrdr.dgn

MARTIN COUNTY-FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET

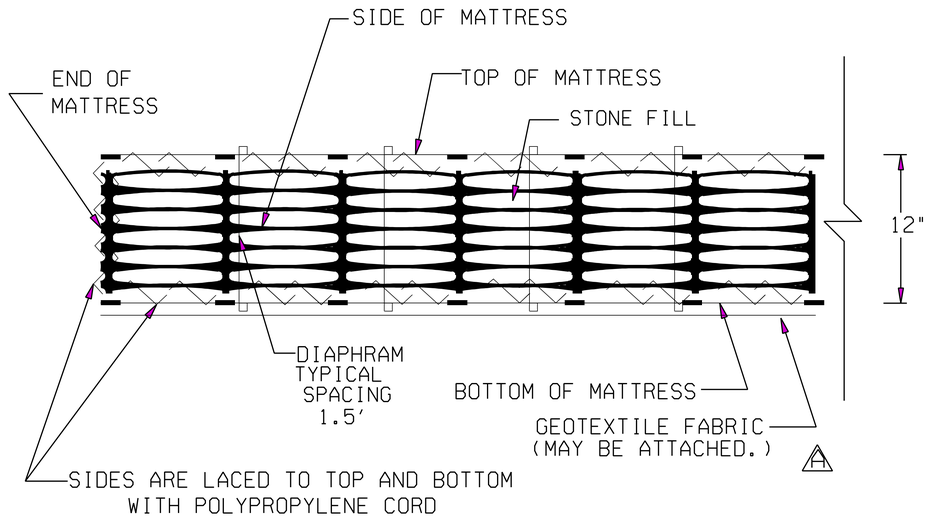
NORTH JETTY REHABILITATION AND
200-FOOT SOUTH JETTY EXTENSION

STA. 14+00 - SOUTH JETTY EXTENSION SECTION

DRAWING NO.

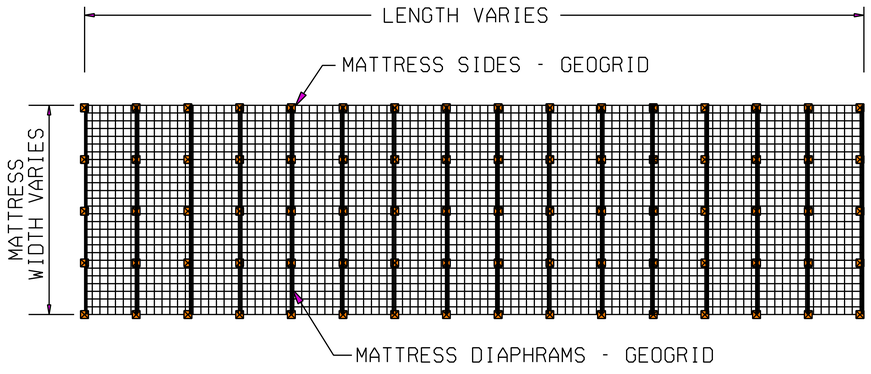
2/6J

SHEET OF



MARINE MATTRESS DETAIL - EDGE VIEW

NOT TO SCALE



MARINE MATTRESS DETAIL -PLAN VIEW

NOT TO SCALE

NOTES:

1. REFER TO DWG. NO. 1/2J FOR NOTES AND GENERAL LEGEND.
2. REFER TO DWG. NO. 1/3J FOR CHANNEL, NORTH AND SOUTH JETTIES SURVEY NOTES.
3. REFER TO DWG. 2/1J FOR SOUTH JETTY EXTENSION CONTROL DATA.
4. REFER TO SECTION 2373 'GEOTEXTILE' FOR ADDITIONAL INFORMATION.

A

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
2	A	G1,F5	REVISED TO ACCOMPANY AMENDMENT NO. 0002	

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

Designed by: BJH
Dwn by: BJH
Ckd by: JWB
Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:
Dated: JULY 2001
D.O.FILE NO. 15-38.214

File name: sluc02-7J.dgn
Reference files: slucbrdr.dgn

MARTIN COUNTY, FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET

NORTH JETTY REHABILITATION AND
200-FOOT SOUTH JETTY EXTENSION

SOUTH JETTY MARINE MATTRESS DETAILS

DRAWING NO.
2/7J

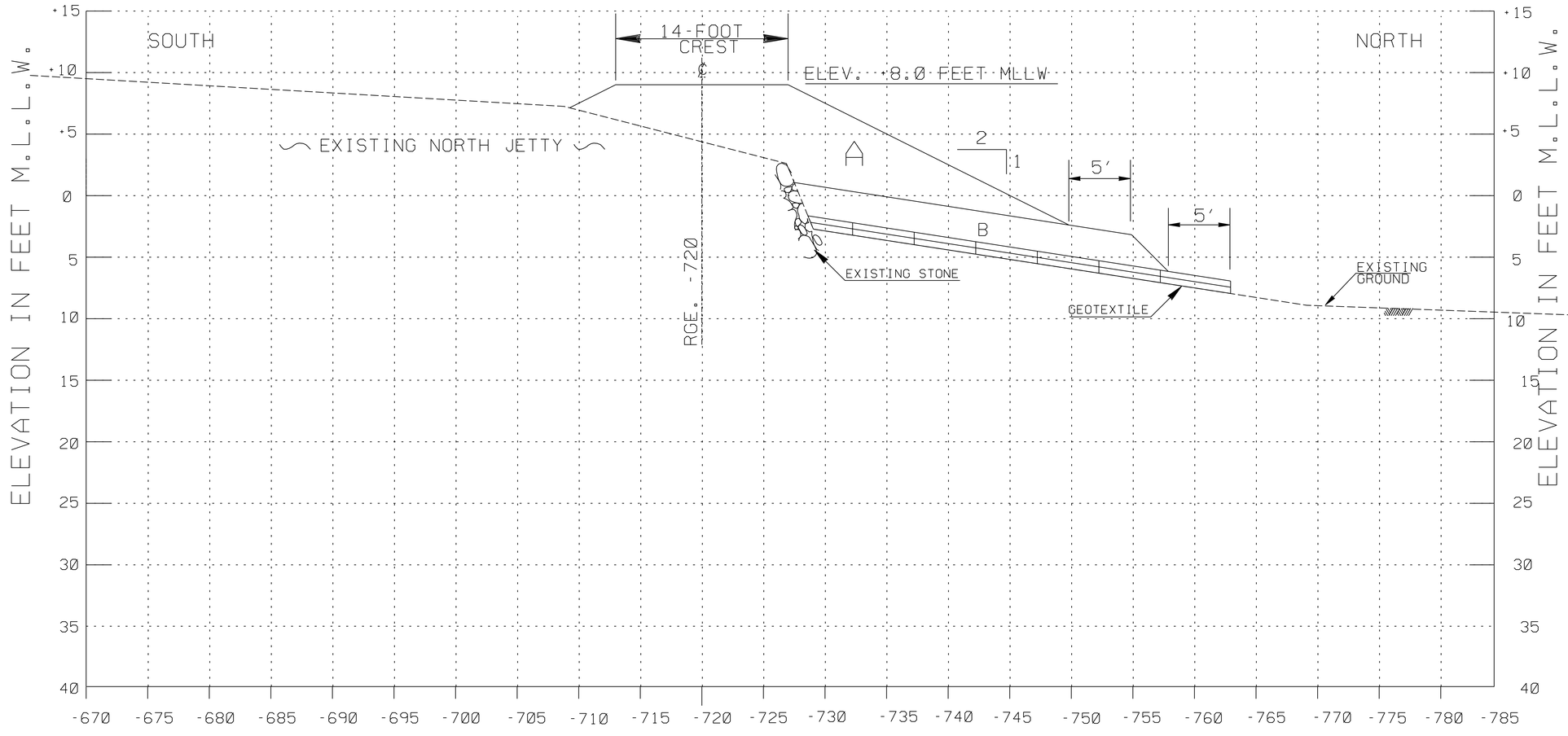
SHEET OF

LEGEND:

A ARMOR STONE

B 30" BEDDING STONE LAYER

12-INCH MARINE MATTRESS



NORTH JETTY REHABILITATION SECTION

STA. 27+50

NORTH JETTY CONSTRUCTION (NJC) NOTES:

1. PLACE NEW ARMOR STONE ON BEDDING STONE AND EXISTING ARMOR STONE TO BRING EXISTING STRUCTURE TO EL. +8.0 FT.

2. SLOPE BEDDING STONE 1 VERTICAL: 1 HORIZONTAL.

3. REFER TO SPECIFICATIONS FOR STONE GRADATION AND MATERIALS SPECIFICATIONS.

4. CONTRACTOR SHALL FIT SECTION IN FIELD AS NECESSARY.

NOTES:

1. REFER TO DWG. NO. 1/2J FOR LEGEND AND GENERAL NOTES.

2. REFER TO DWG. NO. 1/3J FOR CHANNEL, NORTH AND SOUTH JETTIES SURVEY DATA.

3. REFER TO DWG. NO. 3/1J FOR NORTH JETTY CONTROL DATA.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	A	Hi	REVISED TO ACCOMPANY AMENDMENT NO. 0002.	

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

Designed by: BJH
Dwn by: BJH
Ckd by: JWB
Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:
Dated: JULY 2001
D.O.FILE NO. 15-38.214

File name: sluc03-2J.dgn
Reference files: slucbrdrJ.dgn

MARTIN COUNTY, FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET
NORTH JETTY REHABILITATION AND
200-FOOT SOUTH JETTY EXTENSION
STA. 27+50 - NORTH JETTY SECTION

DRAWING NO.
3/2J

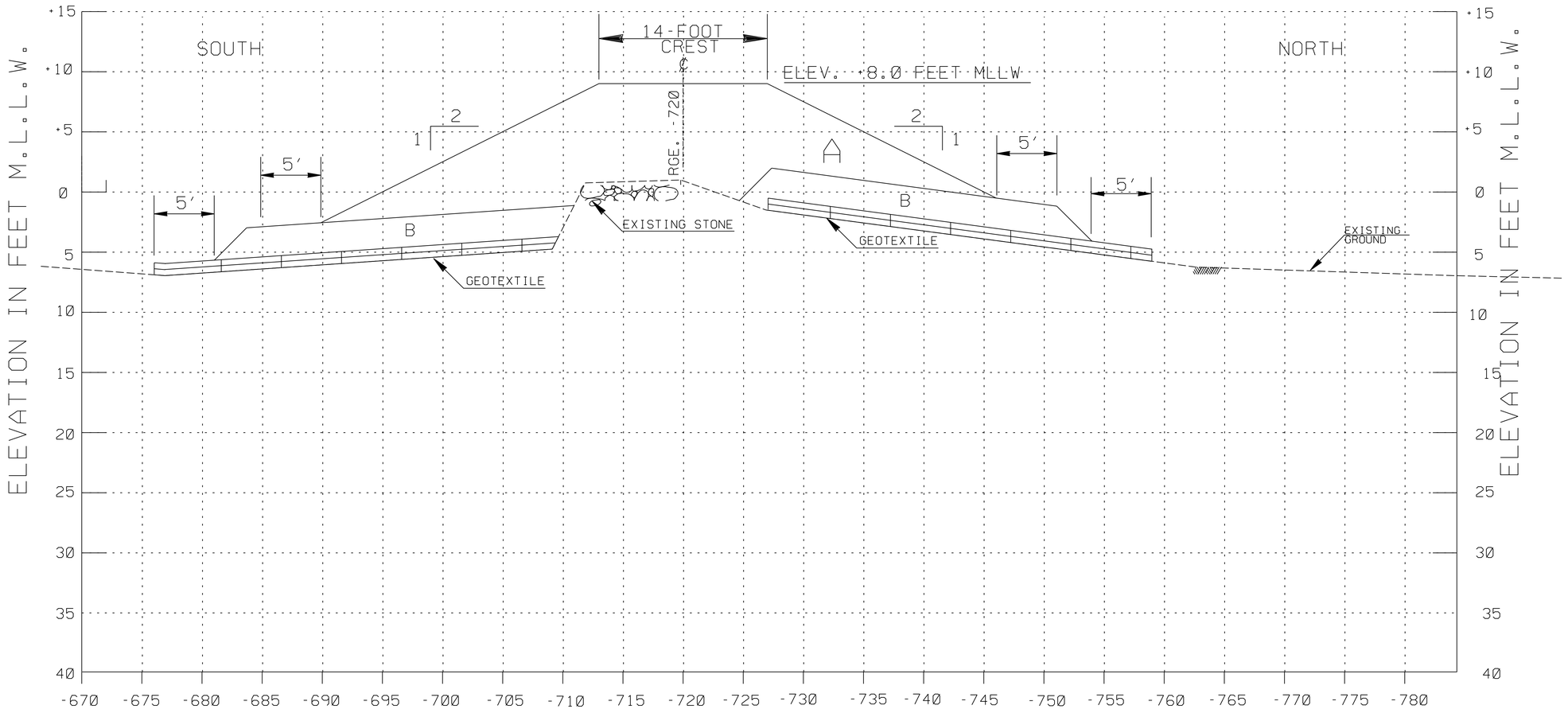
SHEET OF

LEGEND:

A ARMOR STONE

B 30" BEDDING STONE LAYER

12-INCH MARINE MATTRESS



NORTH JETTY REHABILITATION SECTION

STA. 28+00

NORTH JETTY CONSTRUCTION (NJC) NOTES:

1. PLACE NEW ARMOR STONE ON BEDDING STONE AND EXISTING ARMOR STONE TO BRING EXISTING STRUCTURE TO EL. -8.0 FT.

2. SLOPE BEDDING STONE 1 VERTICAL: 1 HORIZONTAL.

3. REFER TO SPECIFICATIONS FOR STONE GRADATION AND MATERIALS SPECIFICATIONS.

4. CONTRACTOR SHALL FIT SECTION IN FIELD AS NECESSARY.

NOTES:

1. REFER TO DWG. NO. 1/2J FOR LEGEND AND GENERAL NOTES.

2. REFER TO DWG. NO. 1/3J FOR CHANNEL, NORTH AND SOUTH JETTIES SURVEY NOTES.

3. REFER TO DWG. NO. 3/1J FOR NORTH JETTY CONTROL DATA.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	A	H1	REVISED TO ACCOMPANY AMENDMENT NO. 0002.	

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

Designed by: BJH
Drn by: BJH
Ckd by: JWB
Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:
Dated: JULY 2001
D.O.FILE NO. 15-38.214

File name: sec03-3J.dgn
Reference files: studcrdJ.dgn

MARTIN COUNTY, FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET

NORTH JETTY REHABILITATION AND 200-FOOT SOUTH JETTY EXTENSION

STA. 28+00 - NORTH JETTY SECTION

DRAWING NO.

3/3J

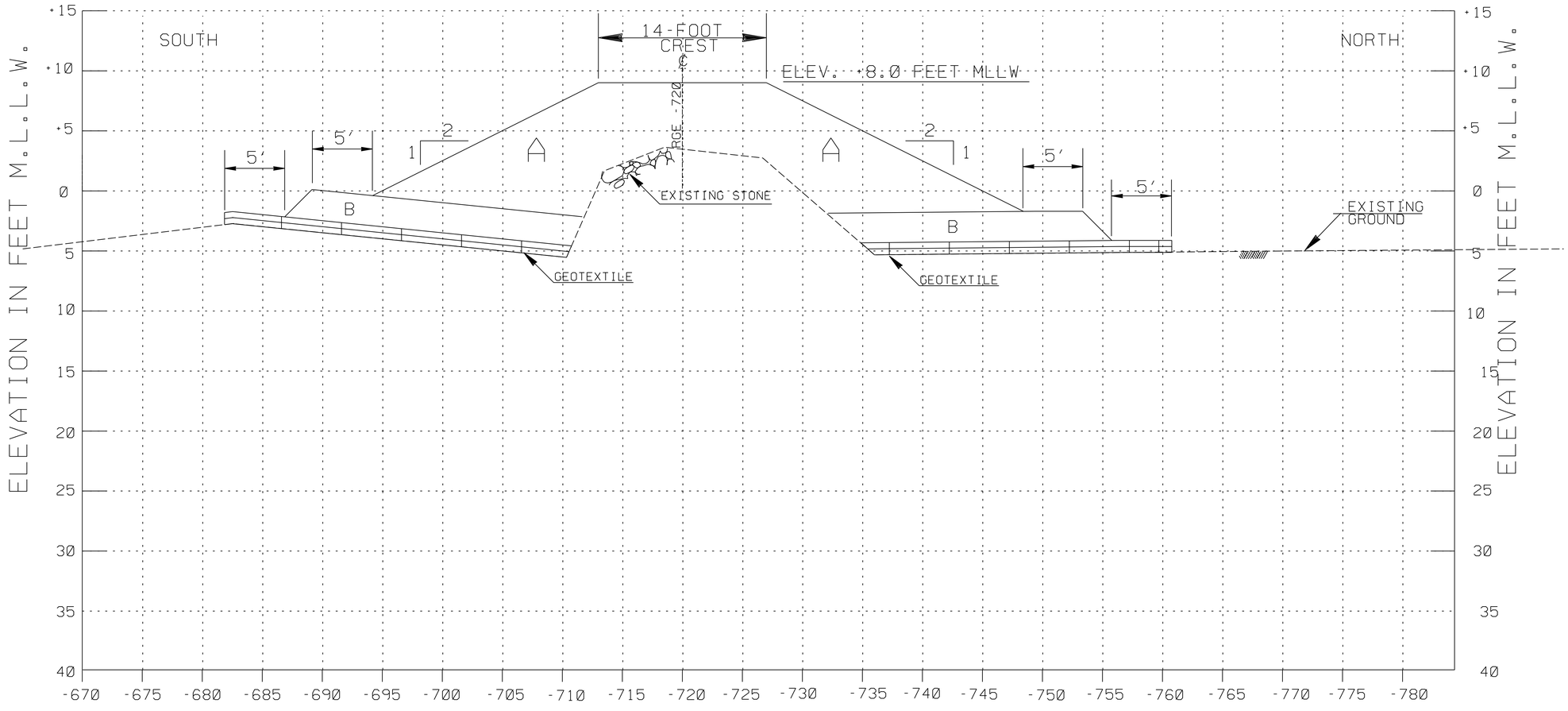
SHEET OF

LEGEND:

A ARMOR STONE

B 30" BEDDING STONE LAYER

12-INCH MARINE MATTRESS



NORTH JETTY REHABILITATION SECTION

STA. 28+50

NORTH JETTY CONSTRUCTION (NJC) NOTES:

1. PLACE NEW ARMOR STONE ON BEDDING STONE AND EXISTING ARMOR STONE TO BRING EXISTING STRUCTURE TO EL. +8.0 FT.

2. SLOPE BEDDING STONE 1 VERTICAL: 1 HORIZONTAL.

3. REFER TO SPECIFICATIONS FOR STONE GRADATION AND MATERIALS SPECIFICATIONS.

4. CONTRACTOR SHALL FIT SECTION IN FIELD AS NECESSARY.

NOTES:

1. REFER TO DWG. NO. 1/2J FOR LEGEND AND GENERAL NOTES.

2. REFER TO DWG. NO. 1/3J FOR CHANNEL, NORTH AND SOUTH JETTIES SURVEY NOTES.

3. REFER TO DWG. NO. 3/1J FOR NORTH JETTY CONTROL DATA.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	A	H1	REVISED TO ACCOMPANY AMENDMENT NO. 0002.	

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

Designed by: BJH
Dwn by: BJH
Ckd by: JWB
Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:

Dated: JULY 2001
D.O.FILE NO. 15-38.214

File name: sluc03-4.dgn
Reference files: slucbrdr.dgn

MARTIN COUNTY, FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET
NORTH JETTY REHABILITATION AND
200-FOOT SOUTH JETTY EXTENSION
STA. 28+50 - NORTH JETTY SECTION

DRAWING NO.
3/4J

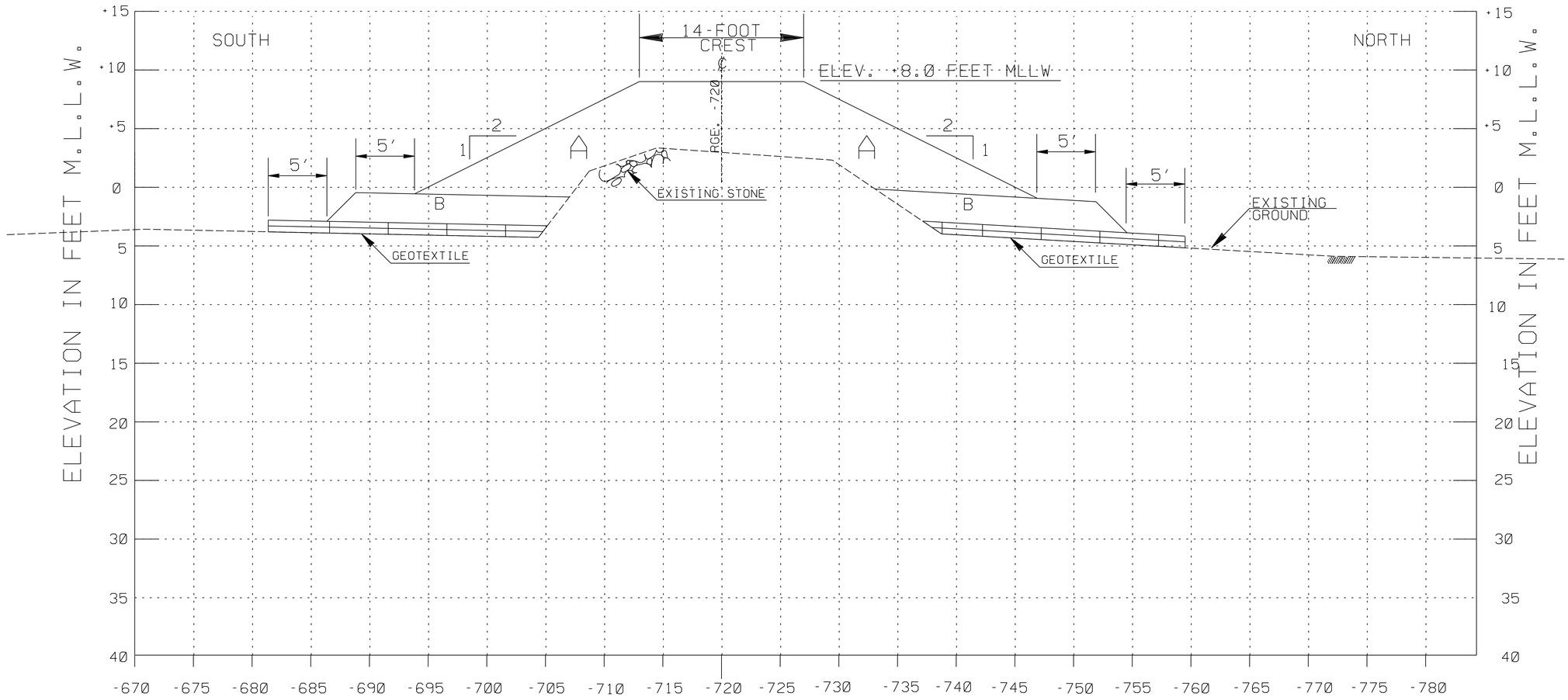
SHEET OF

LEGEND:

A ARMOR STONE

B 30" BEDDING STONE LAYER

12-INCH MARINE MATTRESS



NORTH JETTY REHABILITATION SECTION

STA. 29+00

NORTH JETTY CONSTRUCTION (NJC) NOTES:

1. PLACE NEW ARMOR STONE ON BEDDING STONE AND EXISTING ARMOR STONE TO BRING EXISTING STRUCTURE TO EL. +8.0 FT.

2. SLOPE BEDDING STONE 1 VERTICAL: 1 HORIZONTAL.

3. REFER TO SPECIFICATIONS FOR STONE GRADATION AND MATERIALS SPECIFICATIONS.

4. CONTRACTOR SHALL FIT SECTION IN FIELD AS NECESSARY.

NOTES:

1. REFER TO DWG. NO. 1/2J FOR LEGEND AND GENERAL NOTES.

2. REFER TO DWG. NO. 1/3J FOR CHANNEL, NORTH AND SOUTH JETTIES SURVEY NOTES.

3. REFER TO DWG. NO. 3/1J FOR NORTH JETTY CONTROL DATA.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	A	H1	REVISED TO ACCOMPANY AMENDMENT NO. 0002.	

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

Designed by: BJH
Dwn by: BJH
Ckd by: JWB
Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:

Dated: JULY 2001
D.O.FILE NO. 15-38.214

File name: sluc03-5J.dgn
Reference files: slucbrdr1.dgn

MARTIN COUNTY, FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET

NORTH JETTY REHABILITATION AND
200-FOOT SOUTH JETTY EXTENSION

STA. 29+00 - NORTH JETTY SECTION

DRAWING NO.
3/5J

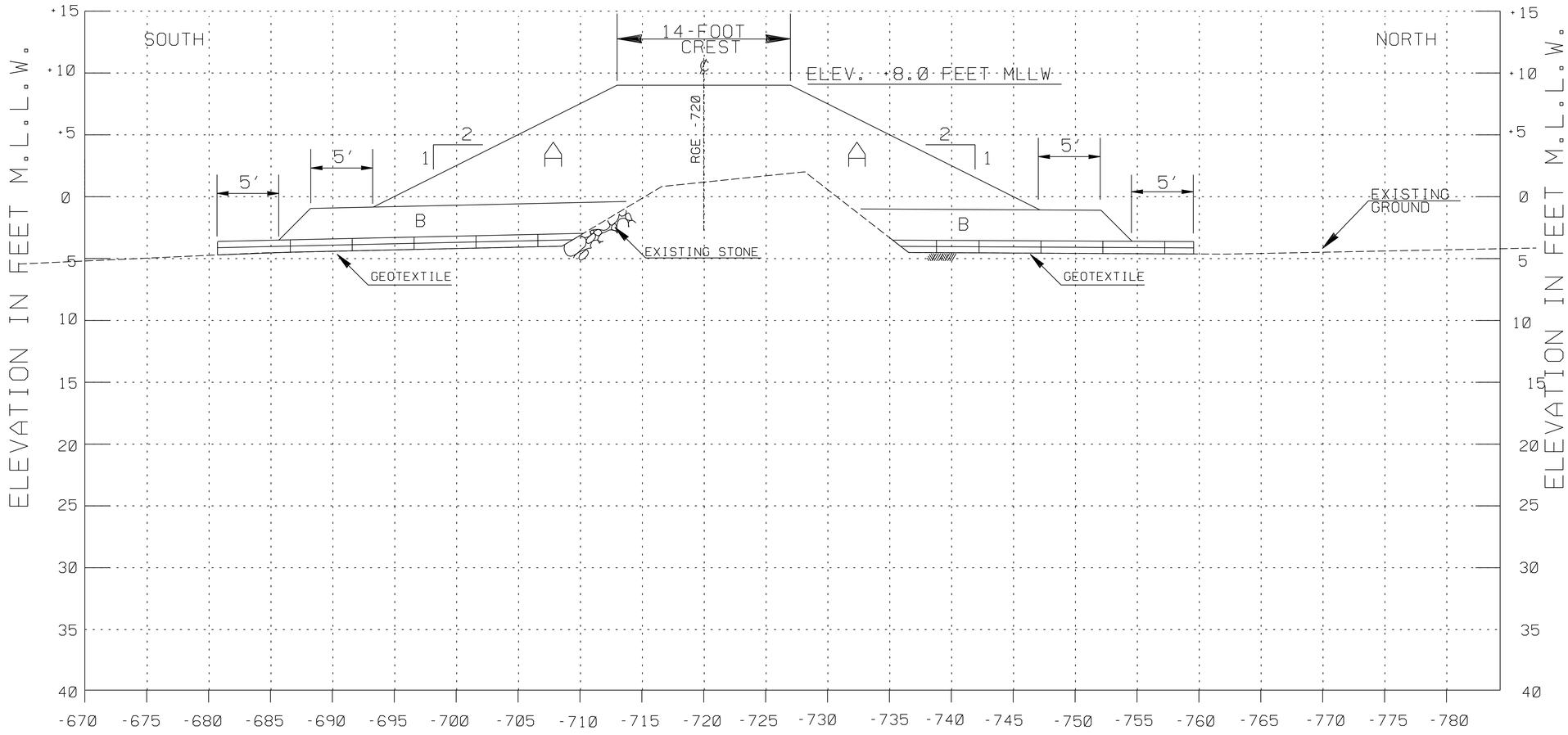
SHEET OF

LEGEND:

A ARMOR STONE

B 30" BEDDING STONE LAYER

12-INCH MARINE MATTRESS



NORTH JETTY REHABILITATION SECTION

STA. 29+50

NORTH JETTY CONSTRUCTION (NJC) NOTES:

1. PLACE NEW ARMOR STONE ON BEDDING STONE AND EXISTING ARMOR STONE TO BRING EXISTING STRUCTURE TO EL. -8.0 FT.

2. SLOPE BEDDING STONE 1 VERTICAL: 1 HORIZONTAL.

3. REFER TO SPECIFICATIONS FOR STONE GRADATION AND MATERIALS SPECIFICATIONS.

4. CONTRACTOR SHALL FIT SECTION IN FIELD AS NECESSARY.

NOTES:

1. REFER TO DWG. NO. 1/2J FOR LEGEND AND GENERAL NOTES.

2. REFER TO DWG. NO. 1/3J FOR CHANNEL, NORTH AND SOUTH JETTIES SURVEY NOTES.

3. REFER TO DWG. NO. 3/1J FOR NORTH JETTY CONTROL DATA.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	A	H1	REVISED TO ACCOMPANY AMENDMENT NO. 0002.	

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

Designed by: BJH
Drawn by: BJH
Cad by: JWB
Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:
Dated: JULY 2001
D.O.FILE NO. 15-38:214

File name: sscd3-6j.dgn
Reference files: sluclerel.dgn

MARTIN COUNTY, FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET

NORTH JETTY REHABILITATION AND
200-FOOT SOUTH JETTY EXTENSION

STA. 29+50 - NORTH JETTY SECTION

DRAWING NO.

3/6J

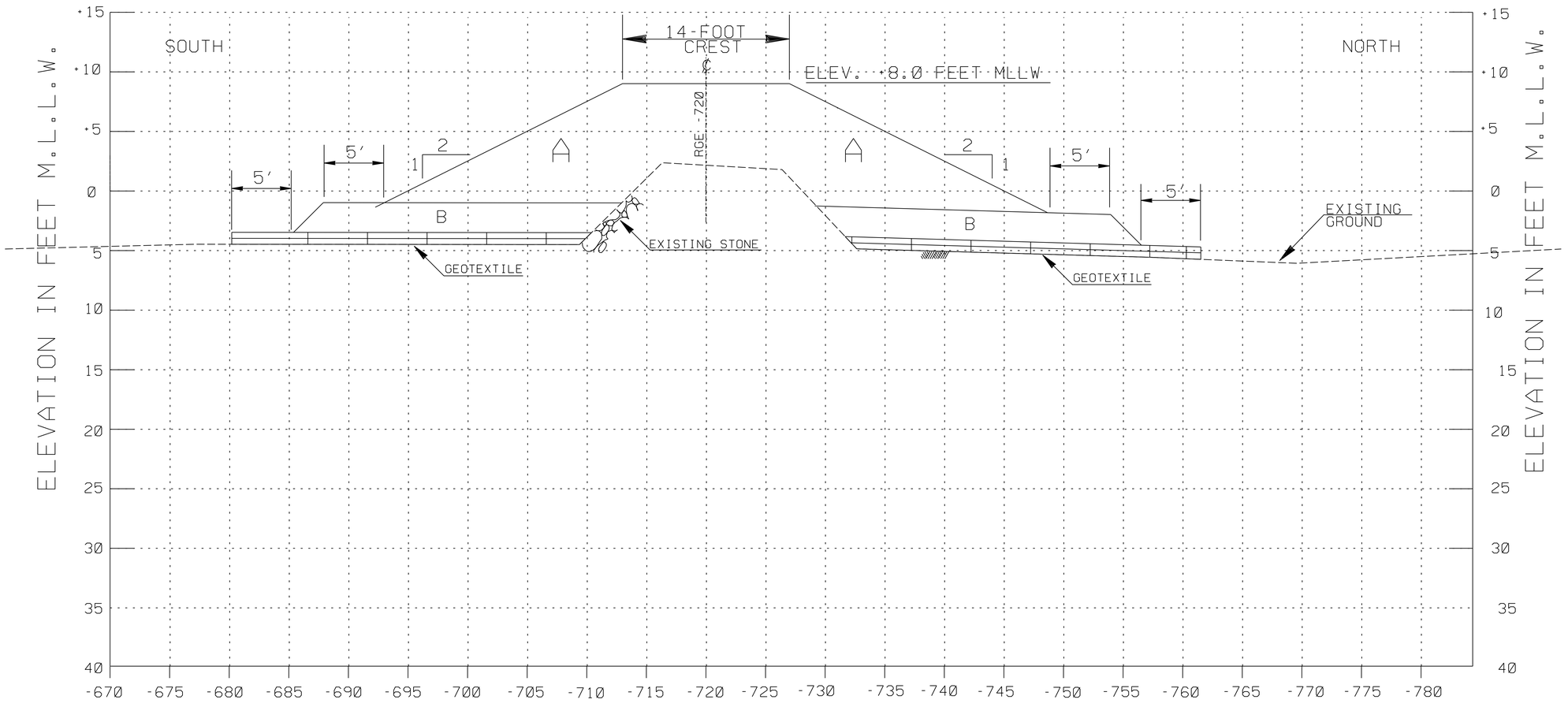
SHEET OF

LEGEND:

A ARMOR STONE

B 30" BEDDING STONE LAYER

12-INCH MARINE MATTRESS



NORTH JETTY REHABILITATION SECTION

STA. 30+00

NORTH JETTY CONSTRUCTION (NJC) NOTES:

1. PLACE NEW ARMOR STONE ON BEDDING STONE AND EXISTING ARMOR STONE TO BRING EXISTING STRUCTURE TO EL. +8.0 FT.

2. SLOPE BEDDING STONE 1 VERTICAL: 1 HORIZONTAL.

3. REFER TO SPECIFICATIONS FOR STONE GRADATION AND MATERIALS SPECIFICATIONS.

4. CONTRACTOR SHALL FIT SECTION IN FIELD AS NECESSARY.

NOTES:

1. REFER TO DWG. NO. 1/2J FOR LEGEND AND GENERAL NOTES.

2. REFER TO DWG. NO. 1/3J FOR CHANNEL, NORTH AND SOUTH JETTIES SURVEY NOTES.

3. REFER TO DWG. NO. 3/1J FOR NORTH JETTY CONTROL DATA.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	A	H1	REVISED TO ACCOMPANY AMENDMENT NO. 0002.	

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

Designed by: BJH
Dwn by: BJH
Ckd by: JWB
Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:

Dated: JULY 2001
D.O.FILE NO. 15-38.214

File name: sluc03-7J.dgn
Reference files: slucbrdr.dgn

MARTIN COUNTY, FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET

NORTH JETTY REHABILITATION AND
200-FOOT SOUTH JETTY EXTENSION

STA. 30+00 - NORTH JETTY SECTION

DRAWING NO.
3/7J

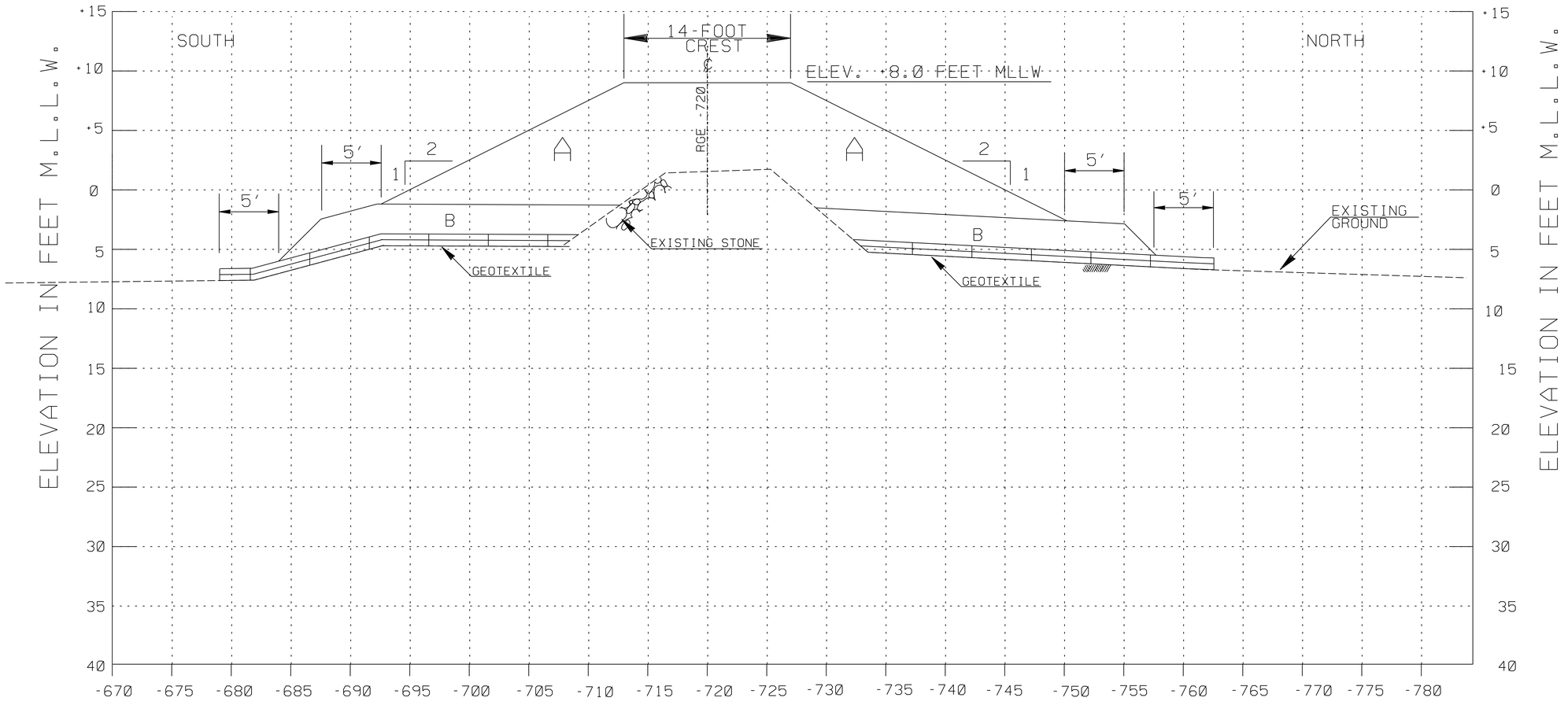
SHEET OF

LEGEND:

A ARMOR STONE

B 30" BEDDING STONE LAYER

12-INCH MARINE MATTRESS



NORTH JETTY REHABILITATION SECTION

STA. 30+50

NORTH JETTY CONSTRUCTION (NJC) NOTES:

1. PLACE NEW ARMOR STONE ON BEDDING STONE AND EXISTING ARMOR STONE TO BRING EXISTING STRUCTURE TO EL. +8.0 FT.

2. SLOPE BEDDING STONE 1 VERTICAL: 1 HORIZONTAL.

3. REFER TO SPECIFICATIONS FOR STONE GRADATION AND MATERIALS SPECIFICATIONS.

4. CONTRACTOR SHALL FIT SECTION IN FIELD AS NECESSARY.

NOTES:

1. REFER TO DWG. NO. 1/2J FOR LEGEND AND GENERAL NOTES.

2. REFER TO DWG. NO. 1/3J FOR CHANNEL, NORTH AND SOUTH JETTIES SURVEY NOTES.

3. REFER TO DWG. NO. 3/1J FOR NORTH JETTY CONTROL DATA.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	A	H1	REVISED TO ACCOMPANY AMENDMENT NO. 0002.	

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

Designed by: BJH
Dwn by: BJH
Ckd by: JWB
Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:

Dated: JULY 2001
D.O.FILE NO. 15-38.214

File name: sluc03-8J.dgn
Reference files: slucbrdr.dgn

MARTIN COUNTY, FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET

NORTH JETTY REHABILITATION AND
200-FOOT SOUTH JETTY EXTENSION

STA. 30+50 - NORTH JETTY SECTION

DRAWING NO.
3/8J

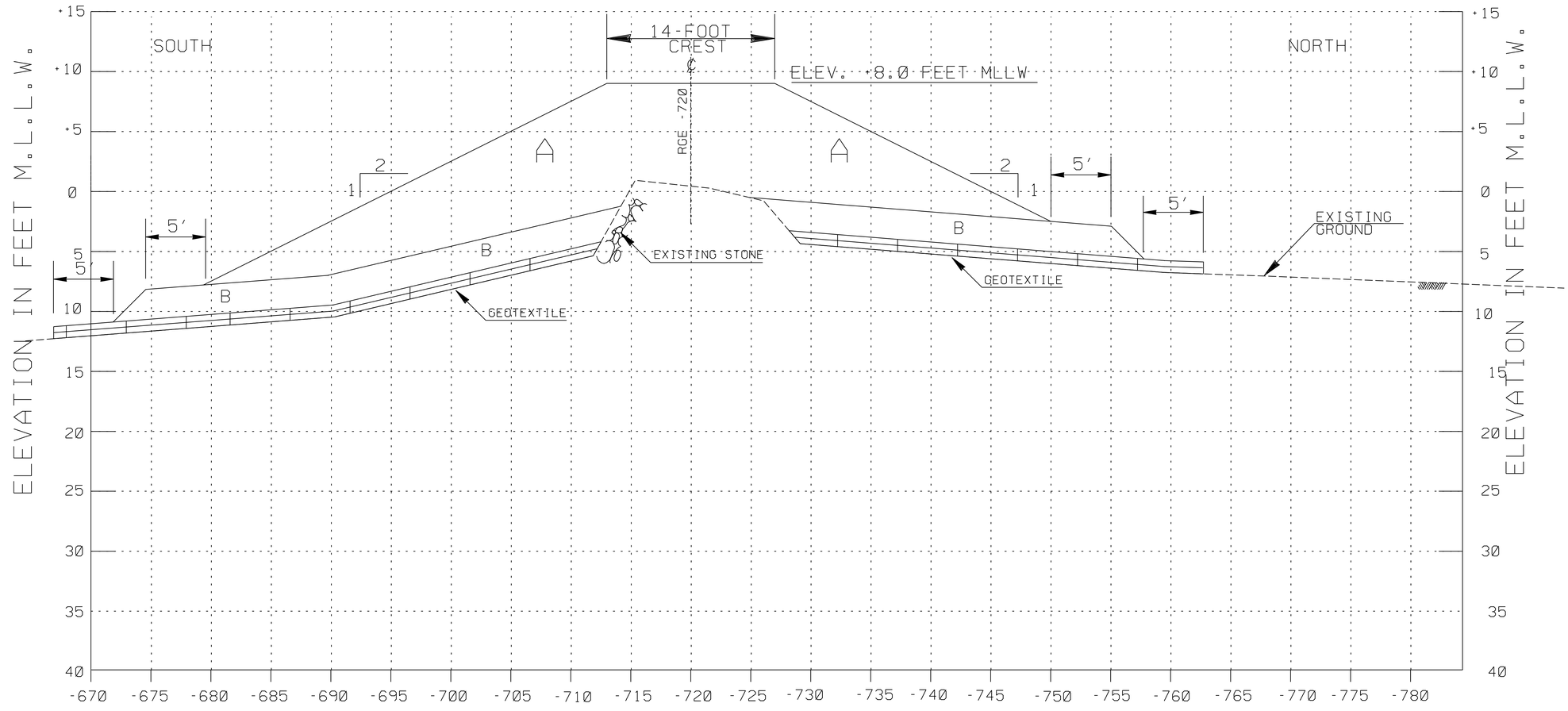
SHEET OF

LEGEND:

A ARMOR STONE

B 30" BEDDING STONE LAYER

12-INCH MARINE MATTRESS



NORTH JETTY REHABILITATION SECTION

STA. 31+00

NORTH JETTY CONSTRUCTION (NJC) NOTES:

1. PLACE NEW ARMOR STONE ON BEDDING STONE AND EXISTING ARMOR STONE TO BRING EXISTING STRUCTURE TO EL. +8.0 FT.

2. SLOPE BEDDING STONE 1 VERTICAL: 1 HORIZONTAL.

3. REFER TO SPECIFICATIONS FOR STONE GRADATION AND MATERIALS SPECIFICATIONS.

4. CONTRACTOR SHALL FIT SECTION IN FIELD AS NECESSARY.

NOTES:

1. REFER TO DWG. NO. 1/2J FOR LEGEND AND GENERAL NOTES.

2. REFER TO DWG. NO. 1/3J FOR CHANNEL, NORTH AND SOUTH JETTIES SURVEY NOTES.

3. REFER TO DWG. NO. 3/1J FOR NORTH JETTY CONTROL DATA.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	A	H1	REVISED TO ACCOMPANY AMENDMENT NO. 0002.	

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

Designed by: BJH
Dwn by: BJH
Ckd by: JWB
Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:

Dated: JULY 2001
D.O.FILE NO. 15-38.214

File name: sluc03-9J.dgn
Reference files: slucbrdr.dgn

MARTIN COUNTY, FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET

NORTH JETTY REHABILITATION AND
200-FOOT SOUTH JETTY EXTENSION

STA. 31+00 - NORTH JETTY SECTION

DRAWING NO.
3/9J

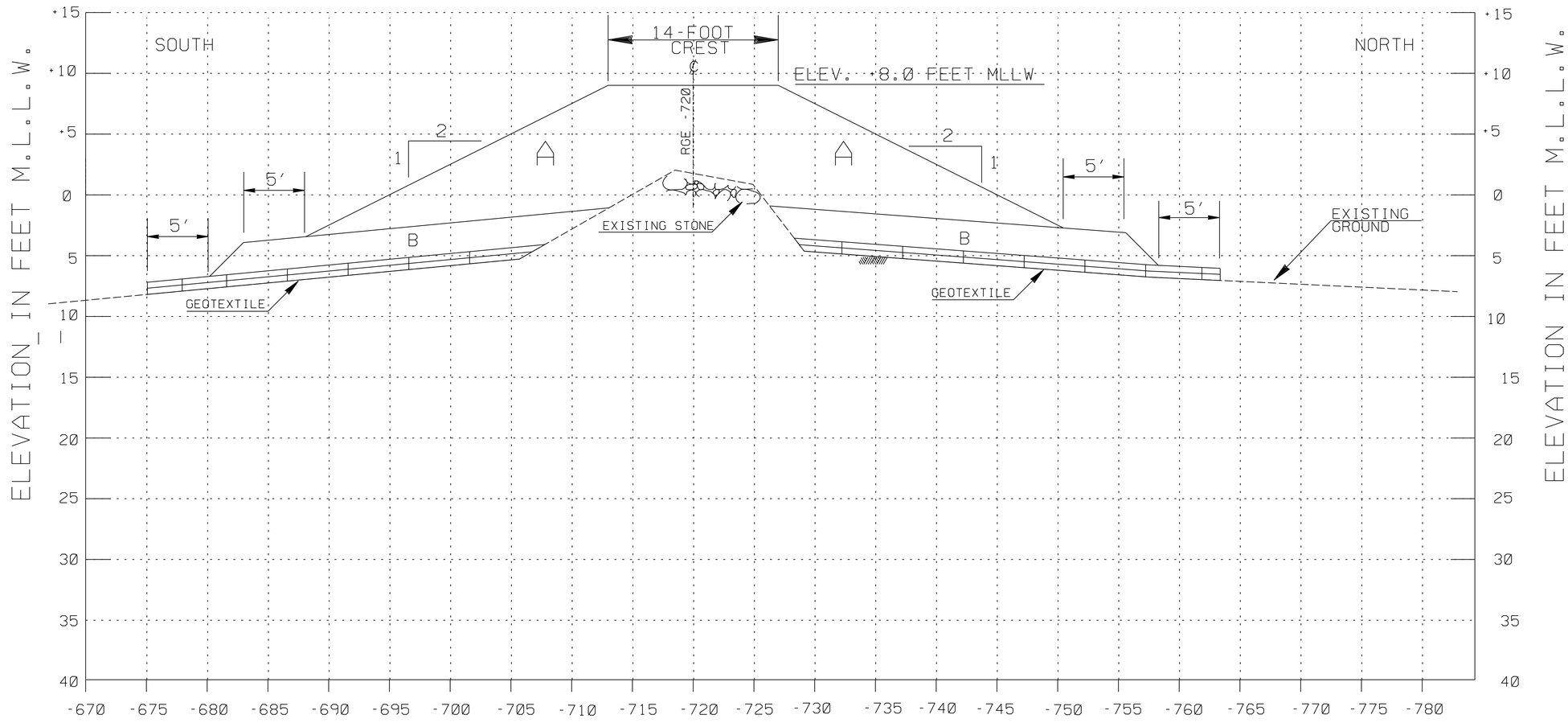
SHEET OF

LEGEND:

A ARMOR STONE

B 30" BEDDING STONE LAYER

12-INCH MARINE MATTRESS



NORTH JETTY REHABILITATION SECTION

STA. 31+50

NORTH JETTY CONSTRUCTION (NJC) NOTES:

1. PLACE NEW ARMOR STONE ON BEDDING STONE AND EXISTING ARMOR STONE TO BRING EXISTING STRUCTURE TO EL. +8.0 FT.

2. SLOPE BEDDING STONE 1 VERTICAL: 1 HORIZONTAL.

3. REFER TO SPECIFICATIONS FOR STONE GRADATION AND MATERIALS SPECIFICATIONS.

4. CONTRACTOR SHALL FIT SECTION IN FIELD AS NECESSARY.

NOTES:

1. REFER TO DWG. NO. 1/2J FOR LEGEND AND GENERAL NOTES.

2. REFER TO DWG. NO. 1/3J FOR CHANNEL, NORTH AND SOUTH JETTIES SURVEY NOTES.

3. REFER TO DWG. NO. 3/1J FOR NORTH JETTY CONTROL DATA.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	A	H1	REVISED TO ACCOMPANY AMENDMENT NO. 0002.	

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

Designed by: BJH
Dwn by: BJH
Ckd by: JWB
Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:

Dated: JULY 2001
D.O.FILE NO. 15-38.214

File name: sluc03-10j.dgn
Reference files: slucbrdr.dgn

MARTIN COUNTY, FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET

NORTH JETTY REHABILITATION AND
200-FOOT SOUTH JETTY EXTENSION

STA. 31+50 - NORTH JETTY SECTION

DRAWING NO.
3/10J

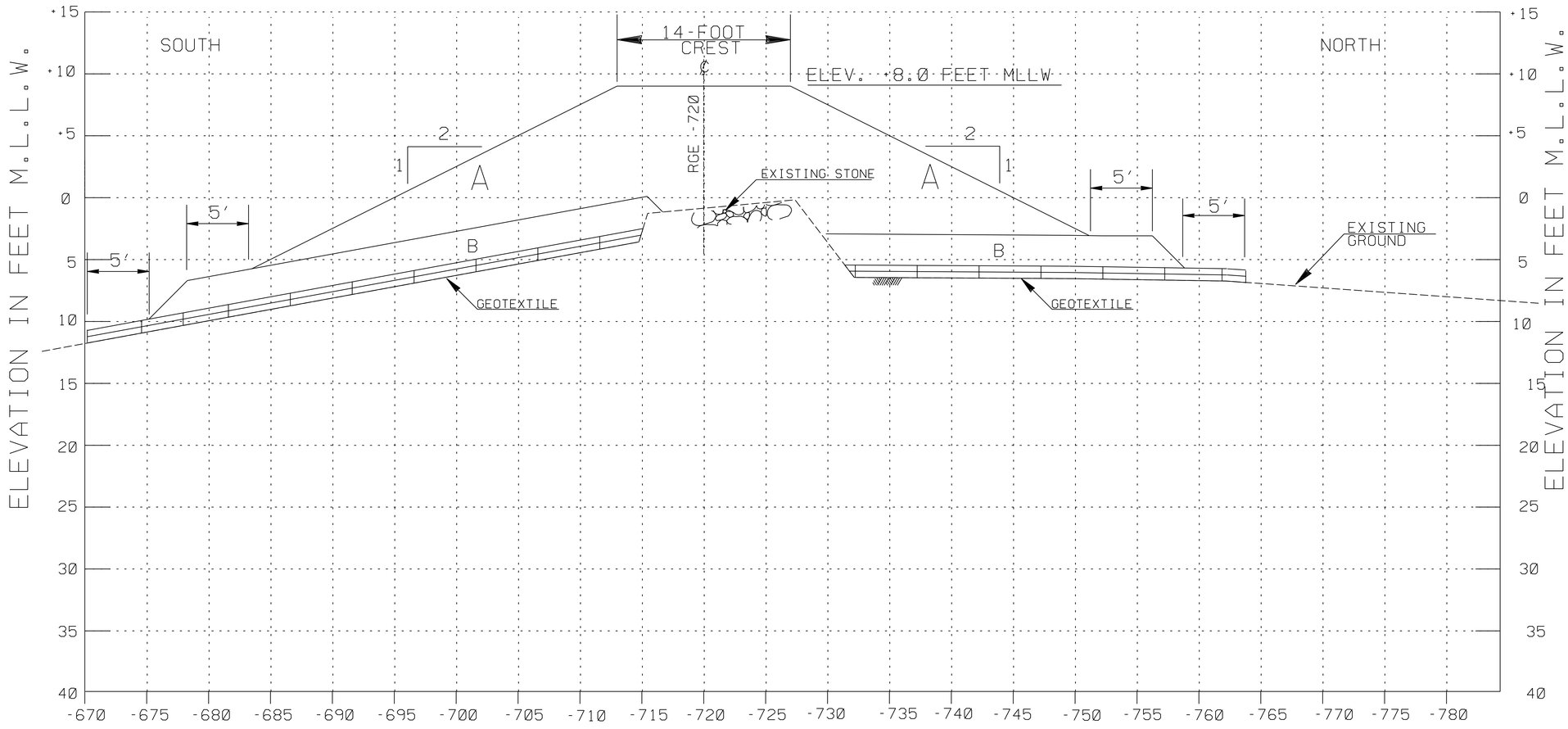
SHEET OF

LEGEND:

A ARMOR STONE

B 30" BEDDING STONE LAYER

12-INCH MARINE MATTRESS



NORTH JETTY REHABILITATION SECTION

STA. 32+00

NORTH JETTY CONSTRUCTION (NJC) NOTES:

1. PLACE NEW ARMOR STONE ON BEDDING STONE AND EXISTING ARMOR STONE TO BRING EXISTING STRUCTURE TO EL. +8.0 FT.

2. SLOPE BEDDING STONE 1 VERTICAL: 1 HORIZONTAL.

3. REFER TO SPECIFICATIONS FOR STONE GRADATION AND MATERIALS SPECIFICATIONS.

4. CONTRACTOR SHALL FIT SECTION IN FIELD AS NECESSARY.

NOTES:

1. REFER TO DWG. NO. 1/2J FOR LEGEND AND GENERAL NOTES.

2. REFER TO DWG. NO. 1/3J FOR CHANNEL, NORTH AND SOUTH JETTIES SURVEY NOTES.

3. REFER TO DWG. NO. 3/1J FOR NORTH JETTY CONTROL DATA.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	A	H1	REVISED TO ACCOMPANY AMENDMENT NO. 0002.	

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

Designed by: BJH
Dwn by: BJH
Ckd by: JWB
Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:

Dated: JULY 2001
D.O.FILE NO. 15-38.214

File name: sluc03-11j.dgn
Reference files: slucbrdr.dgn

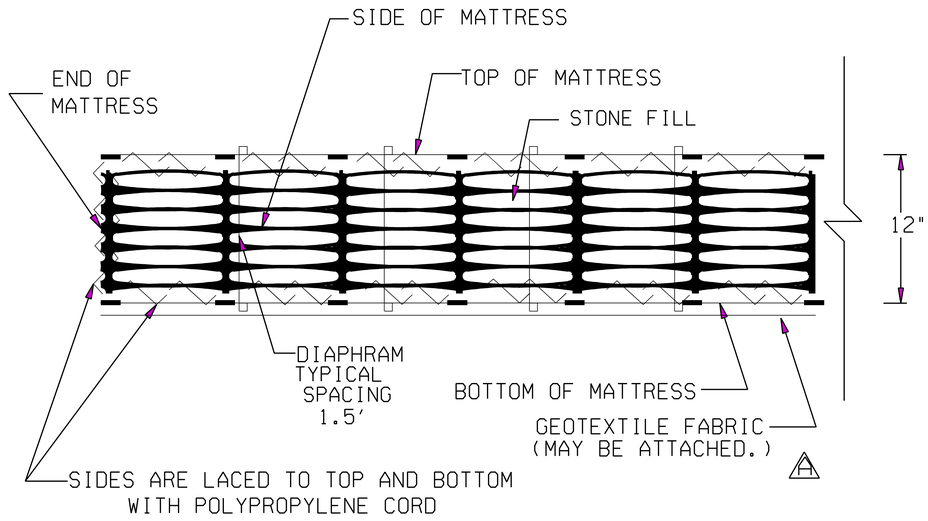
MARTIN COUNTY, FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET

NORTH JETTY REHABILITATION AND
200-FOOT SOUTH JETTY EXTENSION

STA. 32+00 - NORTH JETTY SECTION

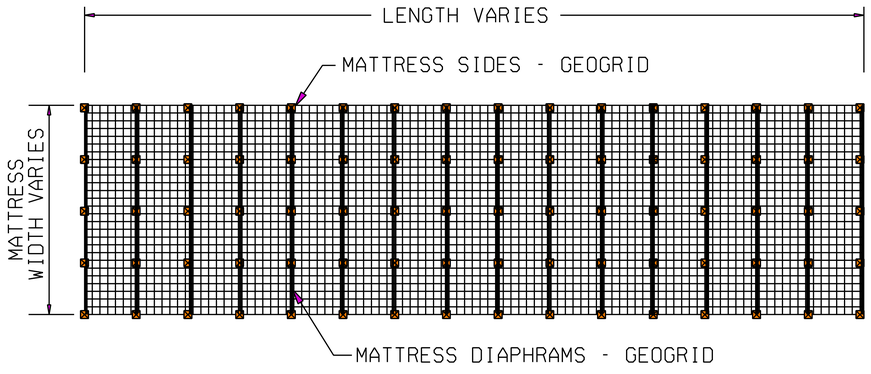
DRAWING NO.
3/11J

SHEET OF



MARINE MATTRESS DETAIL - EDGE VIEW

NOT TO SCALE



MARINE MATTRESS DETAIL -PLAN VIEW

NOT TO SCALE

NOTES:

1. REFER TO DWG. NO. 1/2J FOR GENERAL NOTES AND LEGEND.
2. REFER TO DWG. NO. 1/3J FOR CHANNEL, NORTH AND SOUTH JETTIES SURVEY NOTES.
3. REFER TO DWG. 3/1J FOR NORTH JETTY CONTROL DATA.
4. REFER TO SECTION 02373 'GEOTEXTILE' FOR ADDITIONAL INFORMATION.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
2	A	G1,F5	REVISED TO ACCOMPANY AMENDMENT NO. 0002.	

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

Designed by: BJH
Dwn by: BJH
Ckd by: JWB
Inv. No.
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:
Dated: JULY 2001
D.O.FILE NO. 15-38,214

File name: sluc03-12J.dgn
Reference files: slucbrdr.dgn

MARTIN COUNTY, FLORIDA
7-FOOT PROJECT
ST. LUCIE INLET

NORTH JETTY REHABILITATION AND
200-FOOT SOUTH JETTY EXTENSION

NORTH JETTY MARINE MATTRESS DETAILS

DRAWING NO.
3/12J

SHEET OF