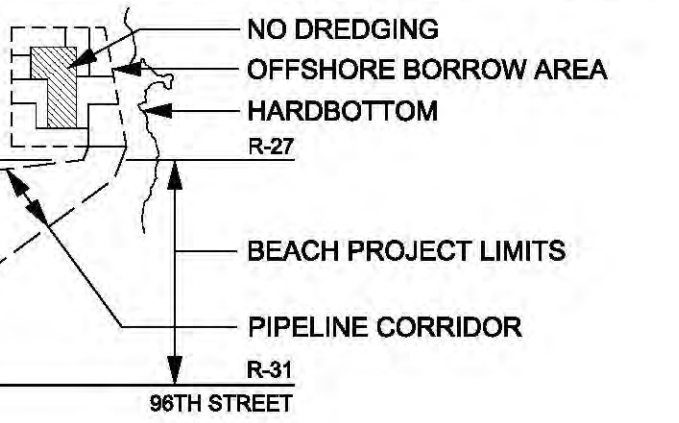
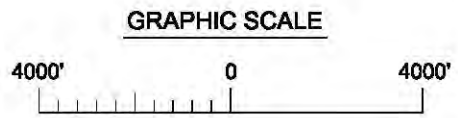


INDEX TO DRAWINGS	
DWG NO	TITLE
G-01	INDEX AND COVER SHEET
G-02	LEGEND, NOTES AND ABBREVIATIONS
G-03	HARDBOTTOM HABITAT
G-04	TYPICAL PROFILE - BAL HARBOUR
C-01	AERIAL PROJECT PLAN
C-02	AERIAL PROJECT PLAN
C-03	AERIAL PROJECT PLAN
C-04	BEACH PROFILES - R-27 AND R-28
C-05	BEACH PROFILES - R-29 AND R-30
C-06	BEACH PROFILES - R-31 AND R-32
C-07	BORROW AREA & PIPELINE CORRIDOR
C-08	BORROW AREA COORDINATES



ATLANTIC OCEAN



NOT FOR CONSTRUCTION
 60% PLAN DRAWINGS
 DEPARTMENT OF THE ARMY
 JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
 JACKSONVILLE, FLORIDA

Des by: BNH
 Dwn by: MR2
 Clkd by: JWJ
 Dated: JULY 2012

BEACH EROSION CONTROL AND HURRICANE PROTECTION PROJECT
 DADE COUNTY, FLORIDA
 PERMIT DRAWING
BEACH RENOURISHMENT
 INDEX AND COVER SHEET

PLATE
G-01

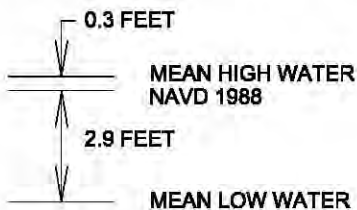
ABBREVIATIONS

E.	=	EAST
E.C.L.	=	EROSION CONTROL LINE
EL.	=	ELEVATION
MHW	=	MEAN HIGH WATER
MLW	=	MEAN LOW WATER
MLLW	=	MEAN LOWER LOW WATER
N.	=	NORTH
NAVD	=	NORTH AMERICAN VERTICAL DATUM
NO.	=	NUMBER
RGE.	=	RANGE
S.	=	SOUTH
ST.	=	STREET
STA.	=	STATIONING
SVY.	=	SURVEY
TOL.	=	TOLERANCE
TYP.	=	TYPICAL
USACE	=	UNITED STATES CORPS OF ENGINEERS
USCG	=	UNITED STATES COAST GUARD
W.	=	WEST

NOTES:

1. BEACH SURVEY IS DATED JUNE 2011.
2. BORROW SURVEY IS DATED JUNE 2011
3. HABITAT SURVEY IS DATED OCTOBER 2011 - APRIL 2012, EXCEPT AS NOTED.
4. AERIAL PHOTOGRAPHY IS DATED 2009.
5. HORIZONTAL DATUM: 1983/90
6. VERTICAL DATUM: 1988

VERTICAL DATUM DIAGRAM



LEGEND

	=	CORAL REEF OR HARDBOTTOM
	=	UNCONSOLIDATED SEDIMENTS
	=	RUBBLE
	=	ALGAE-COVERED RUBBLE
	=	WORM ROCK RUBBLE
	=	SEAGRASS
	=	OTHER DELINEATIONS
R-45	=	MONUMENT LOCATION AND DESIGNATION
	=	FILL
	=	CUT
	=	FILL IN PROFILE VIEW
	=	CUT IN PROFILE VIEW
	=	EROSION CONTROL/ RIGHT-OF-WAY LINE
	=	BOUNDARY
	=	EROSION CONTROL LINE POINT
	=	REFERENCE POINT
CB-CS-10	=	CORE BORING LOCATION AND DESIGNATION



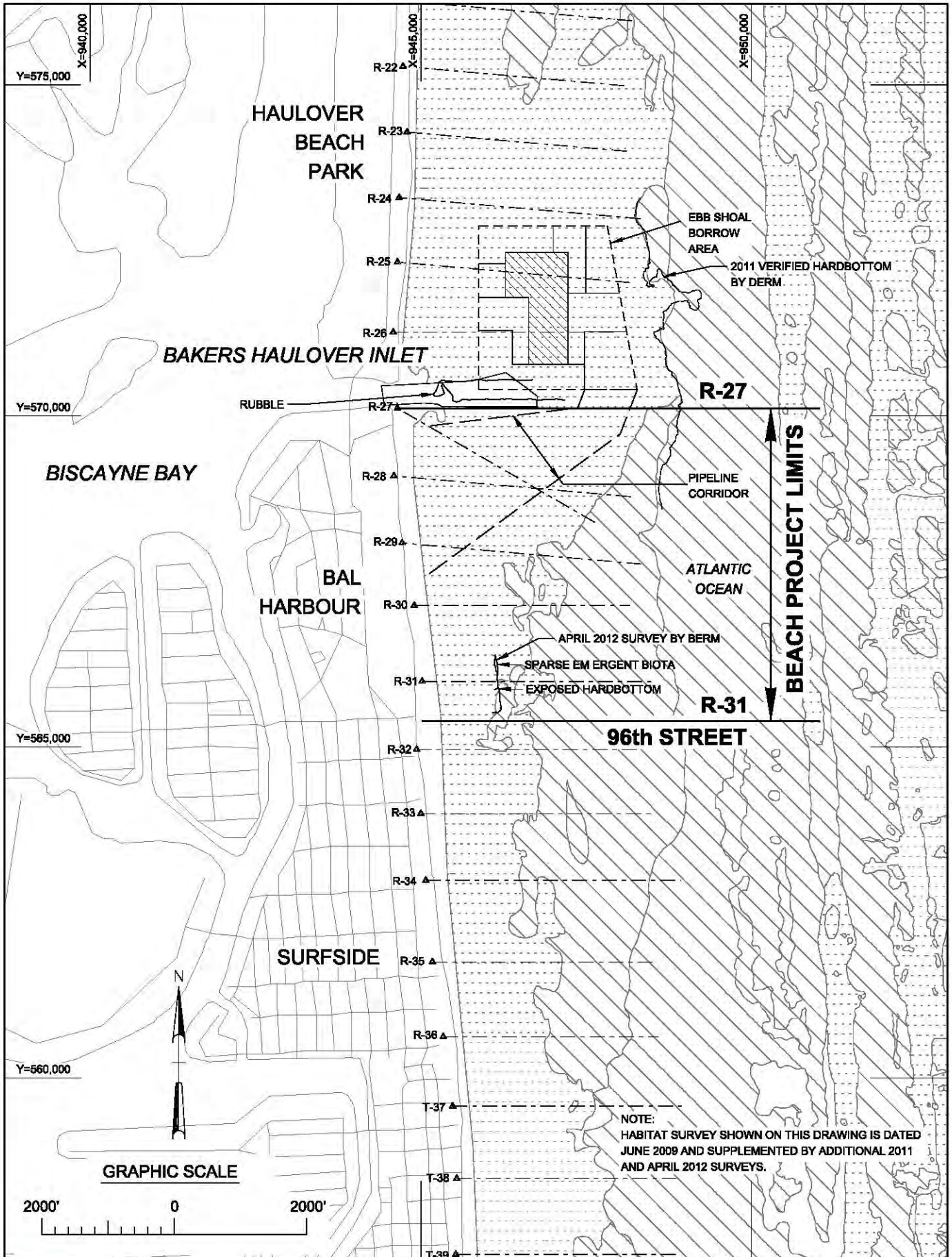
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DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Den by: BNH
Dwn by: MR2
Clkd by: JWJ
Dated: JULY 2012

BEACH EROSION CONTROL AND HURRICANE PROTECTION PROJECT
DADE COUNTY, FLORIDA
PERMIT DRAWING
BEACH RENOURISHMENT
LEGEND, NOTES AND ABBREVIATIONS

PLATE
G-02



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JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Desn by: BNH
Dwn by: MR2
Ckd by: JWJ
Dated: JULY 2012

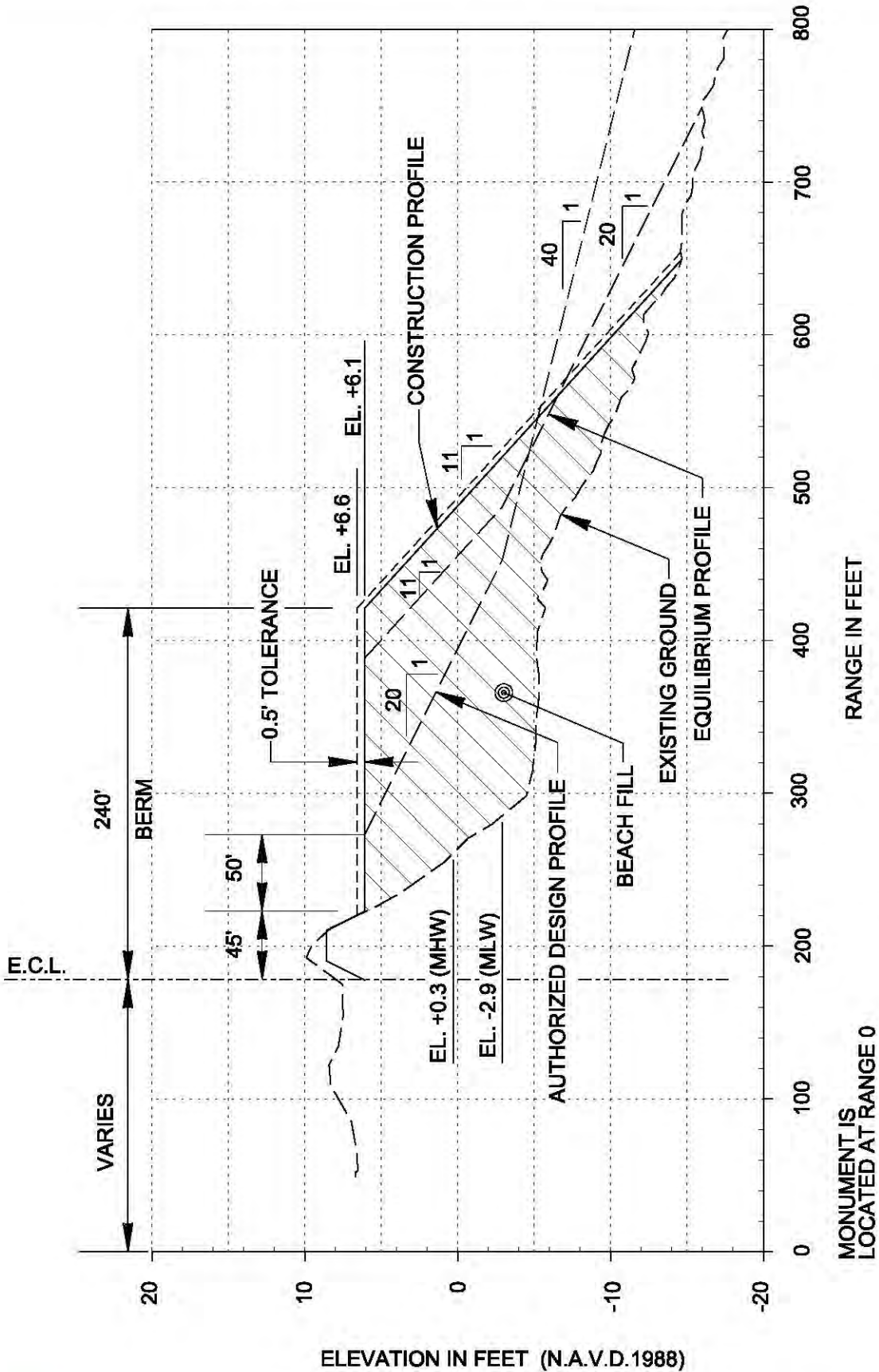
BEACH EROSION CONTROL AND HURRICANE PROTECTION PROJECT
DADE COUNTY, FLORIDA

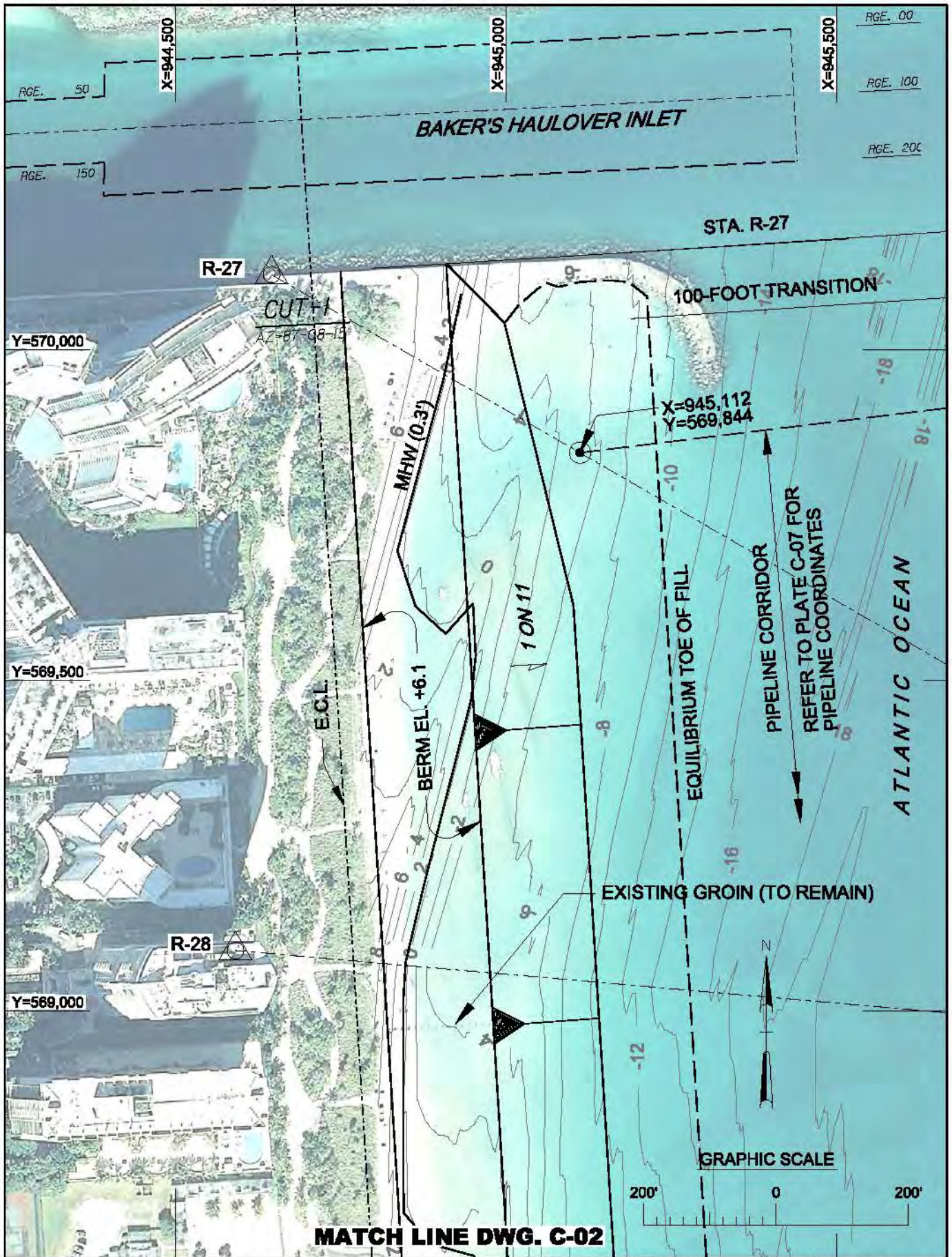
PERMIT DRAWING

BEACH RENOURISHMENT
HARDBOTTOM HABITAT

PLATE

G-03






 US Army Corps
 of Engineers
 Jacksonville District

NOT FOR CONSTRUCTION
 80% PLAN DRAWINGS

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

Jan by:
BNH

Drawn by:
MR2

Chd by:
JWL

Defct:
JULY 2012

BEACH EROSION CONTROL AND
 HURRICANE PROTECTION PROJECT
 DADE COUNTY, FLORIDA

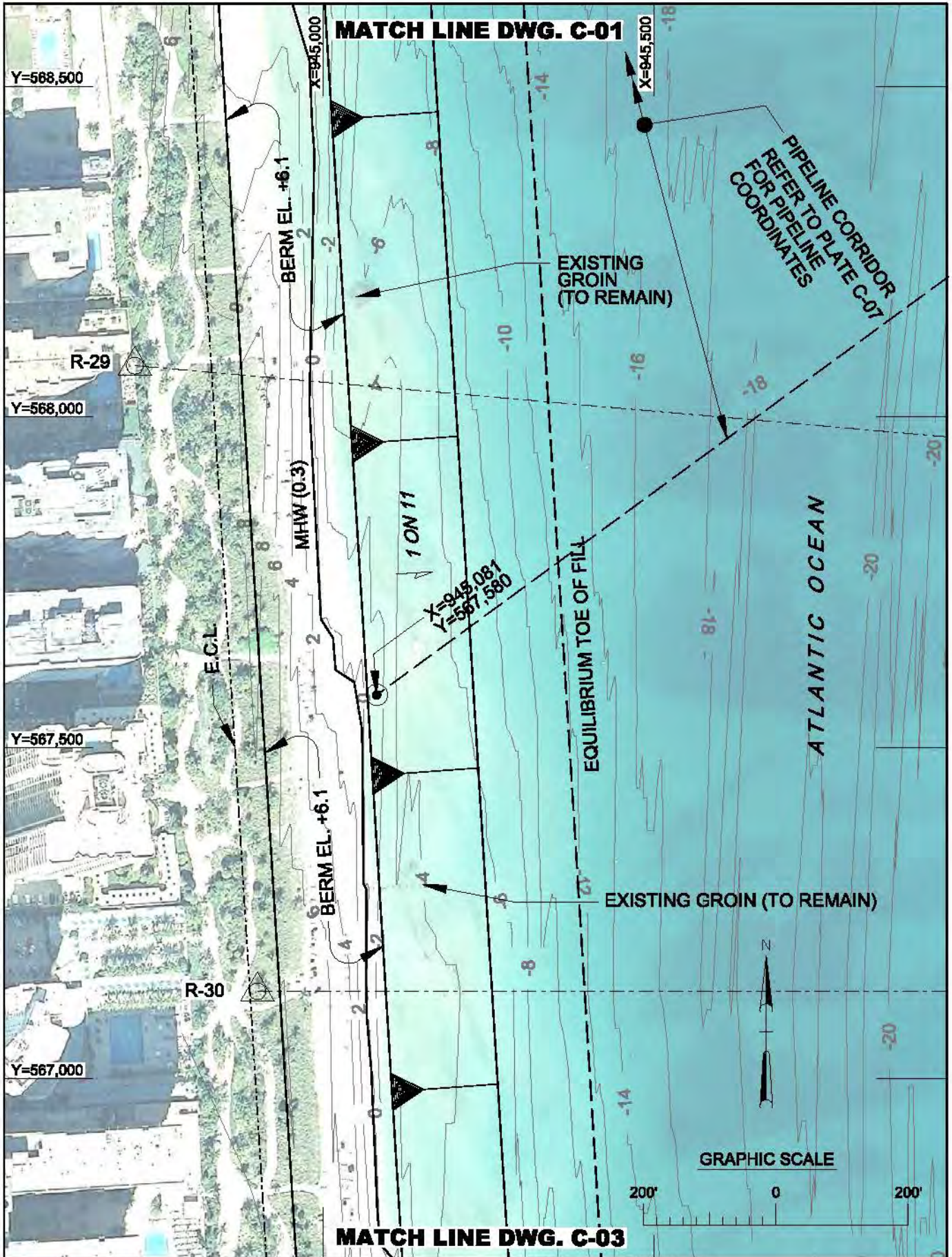
PERMIT DRAWING

BEACH RENOURISHMENT

AERIAL PROJECT PLAN

PLATE

C-01



NOT FOR CONSTRUCTION
80% PLAN DRAWINGS

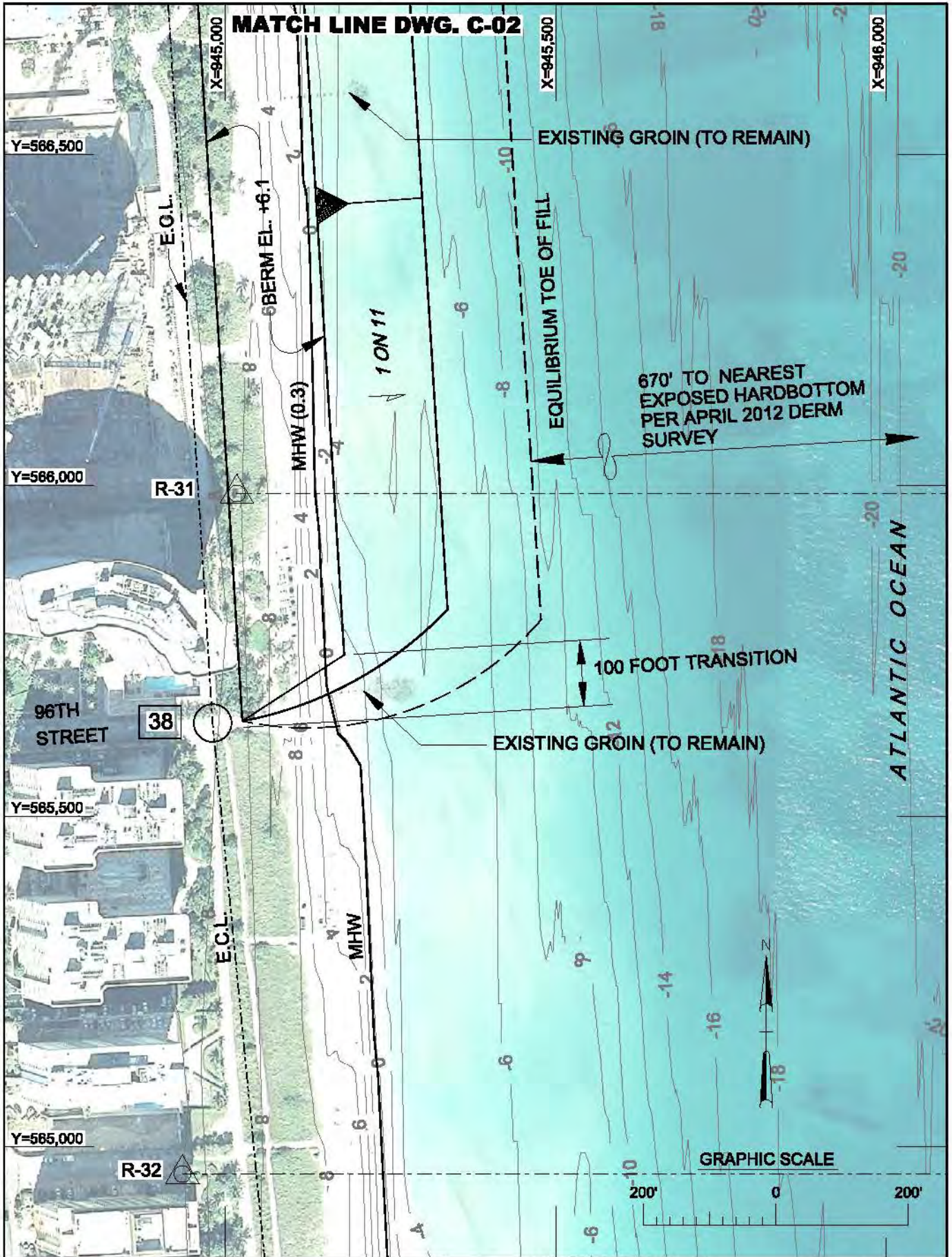
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Des by: BNH
Dwn by: MR2
Ckd by: JWJ
Date: JULY 2012

BEACH EROSION CONTROL AND HURRICANE PROTECTION PROJECT
DADE COUNTY, FLORIDA

PERMIT DRAWING
BEACH RENOURISHMENT
AERIAL PROJECT PLAN

PLATE
C-02

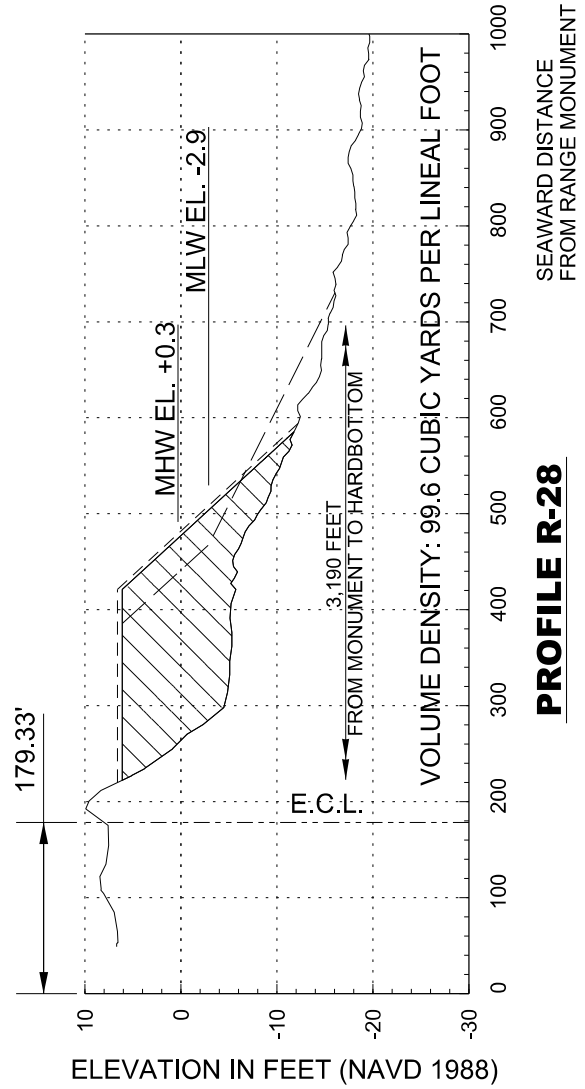
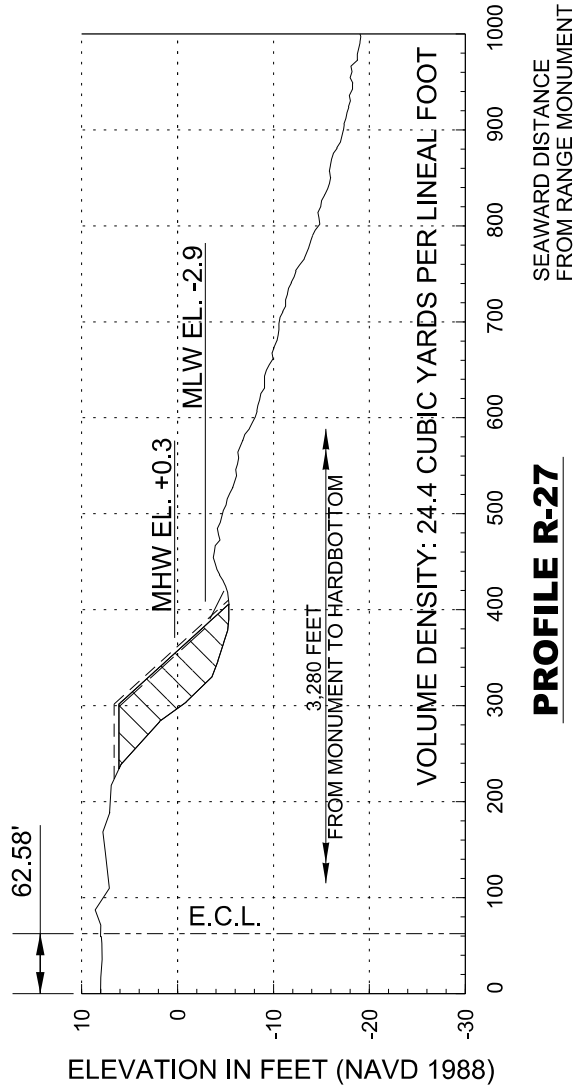


NOT FOR CONSTRUCTION
 80% PLAN DRAWINGS
 DEPARTMENT OF THE ARMY
 JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
 JACKSONVILLE, FLORIDA


Des by: BNH
 Dwn by: MR2
 Ckd by: JWJ
 Date: JULY 2012

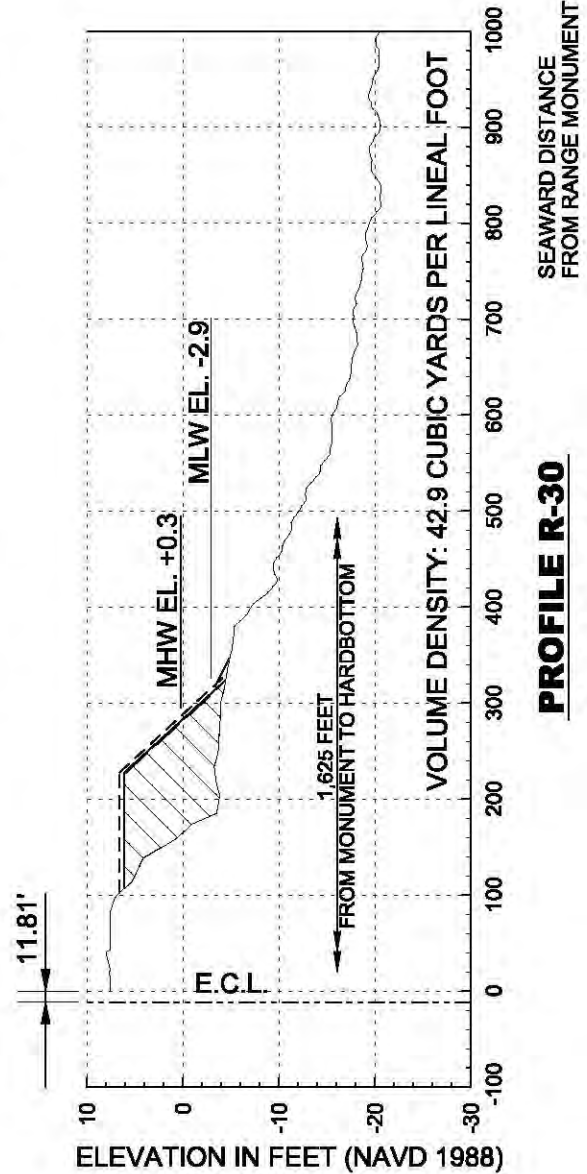
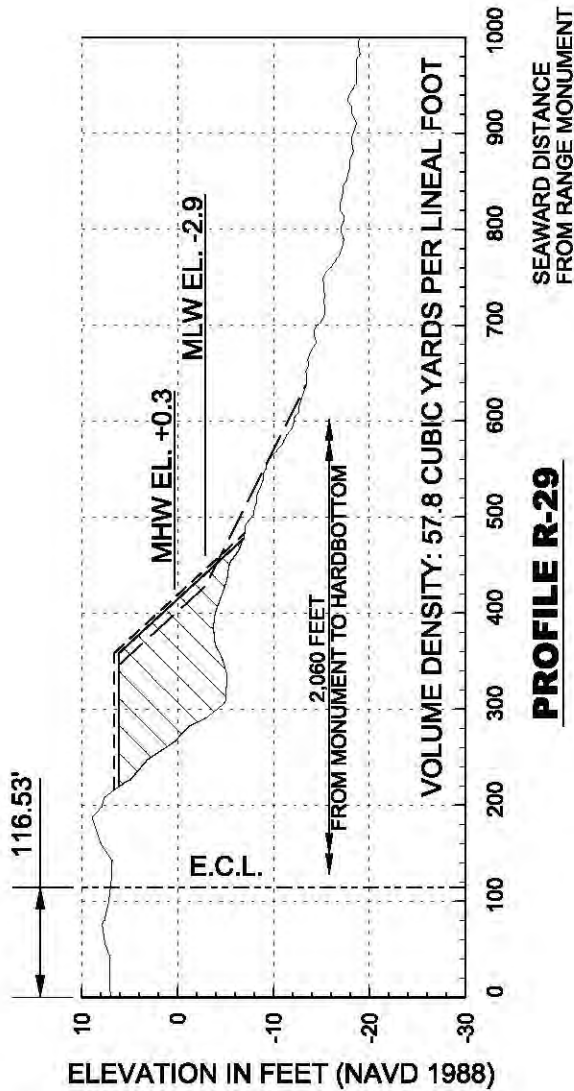
BEACH EROSION CONTROL AND HURRICANE PROTECTION PROJECT
 DADE COUNTY, FLORIDA
 PERMIT DRAWING
BEACH RENOURISHMENT
 AERIAL PROJECT PLAN

PLATE
C-03




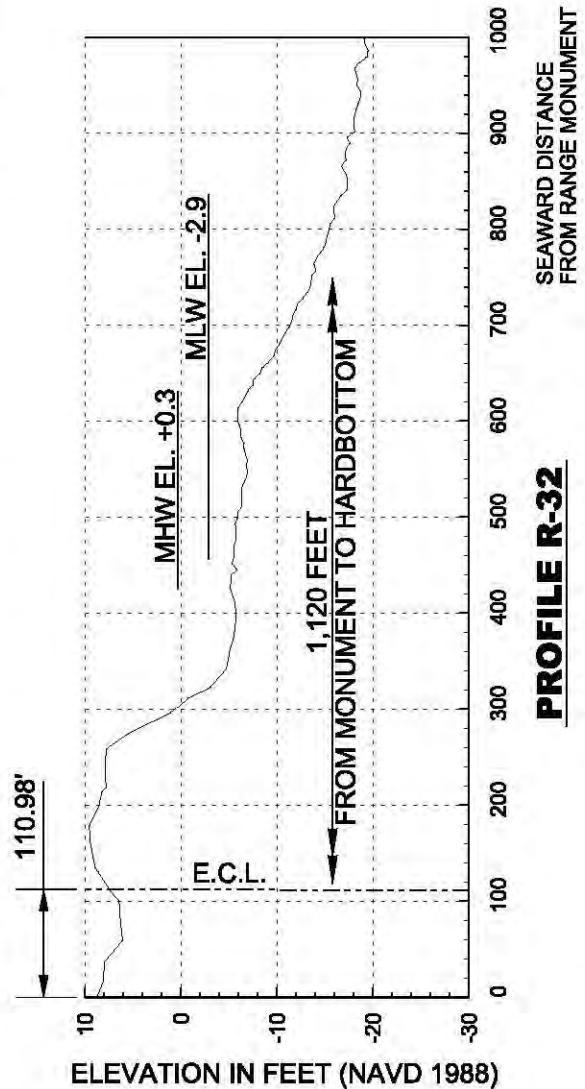
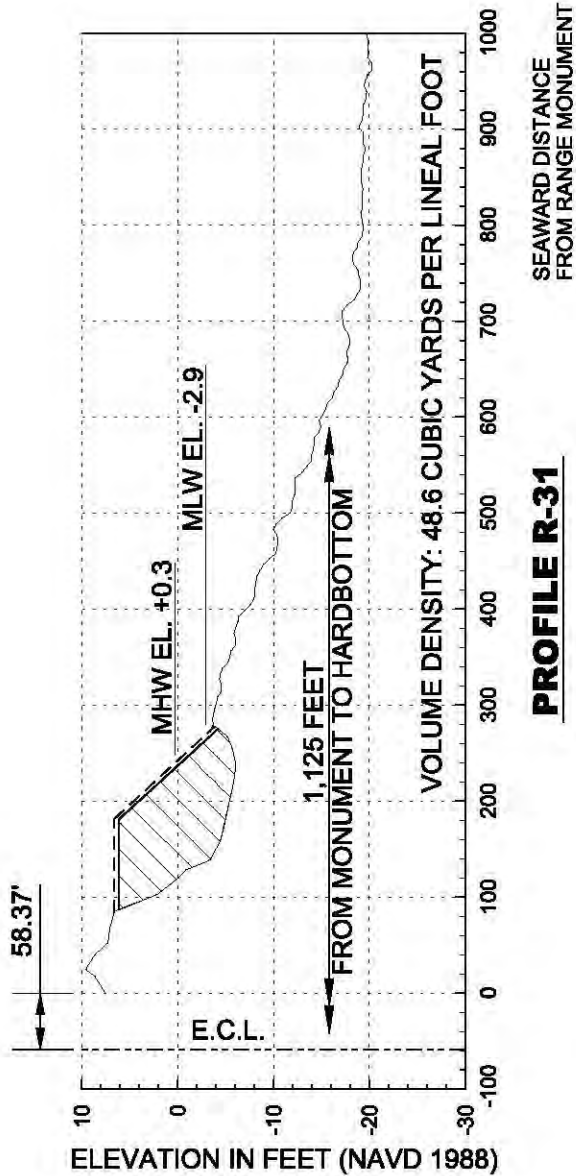
NOTE: REFER TO PLATE NO. G-006 FOR DESIGN DETAILS.

 US Army Corps of Engineers Jacksonville District	NOT FOR CONSTRUCTION 60% PLAN DRAWINGS	Dsn by: BNH	BEACH EROSION CONTROL AND HURRICANE PROTECTION PROJECT DADE COUNTY, FLORIDA PERMIT DRAWING BEACH RENOURISHMENT BEACH PROFILES R-27 AND R-28	PLATE C-04
	DEPARTMENT OF THE ARMY JACKSONVILLE DISTRICT, CORPS OF ENGINEERS JACKSONVILLE, FLORIDA	Dwn by: MR2		
	Ckd by: JWJ			
	Dated: JULY 2012			



NOTE: REFER TO PLATE NO. G-006 FOR DESIGN DETAILS.

 US Army Corps of Engineers Jacksonville District	NOT FOR CONSTRUCTION 60% PLAN DRAWINGS	Den by: BNH	BEACH EROSION CONTROL AND HURRICANE PROTECTION PROJECT DADE COUNTY, FLORIDA PERMIT DRAWING BEACH RENOURISHMENT BEACH PROFILES R-29 AND R-30	PLATE C-05
	DEPARTMENT OF THE ARMY JACKSONVILLE DISTRICT, CORPS OF ENGINEERS JACKSONVILLE, FLORIDA	Dwn by: MR2 Clkd by: JWJ Dated: JULY 2012		



NOTE: REFER TO PLATE NO. G-006 FOR DESIGN DETAILS.



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

Des by: BNH
Dwn by: MR2
Clk by: JWL
Dated: JULY 2012

BEACH EROSION CONTROL AND HURRICANE PROTECTION PROJECT
DADE COUNTY, FLORIDA

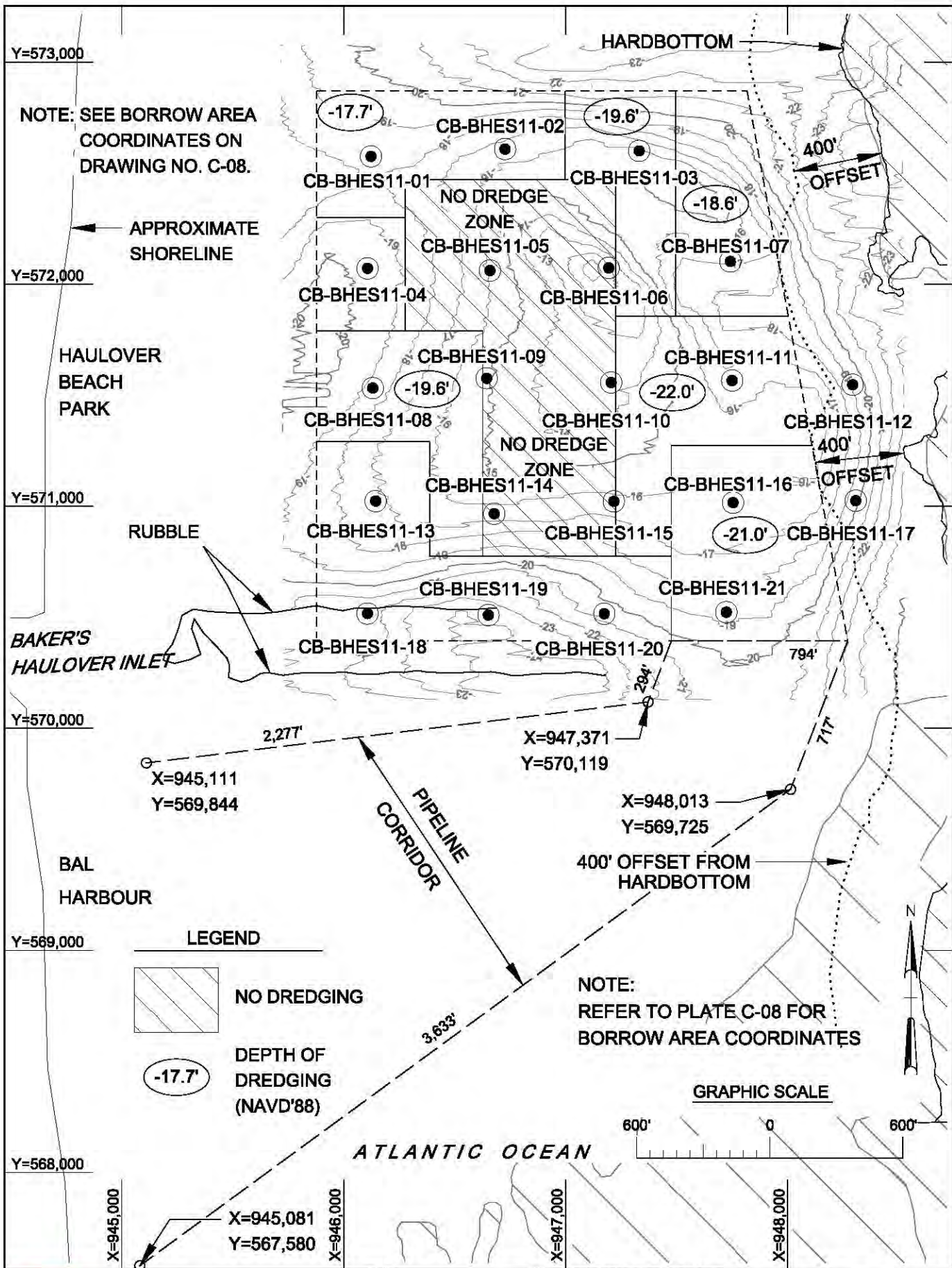
PERMIT DRAWING

BEACH RENOURISHMENT

BEACH PROFILES R-31 AND R-32

PLATE

C-06



Y=573,000

Y=572,000

Y=571,000

Y=570,000

Y=569,000

Y=568,000

X=945,000

X=945,081

X=946,000

X=947,000

X=948,000

NOTE: SEE BORROW AREA COORDINATES ON DRAWING NO. C-08.

APPROXIMATE SHORELINE


HAULOVER BEACH PARK

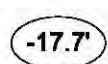
RUBBLE

BAKER'S HAULOVER INLET

BAL HARBOUR

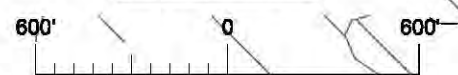
LEGEND

 NO DREDGING

 DEPTH OF DREDGING (NAVD'88)

NOTE: REFER TO PLATE C-08 FOR BORROW AREA COORDINATES

GRAPHIC SCALE



ATLANTIC OCEAN



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

Des by: TAM
Dwn by: MR2
Clk by: BNH
Dated: JULY 2012

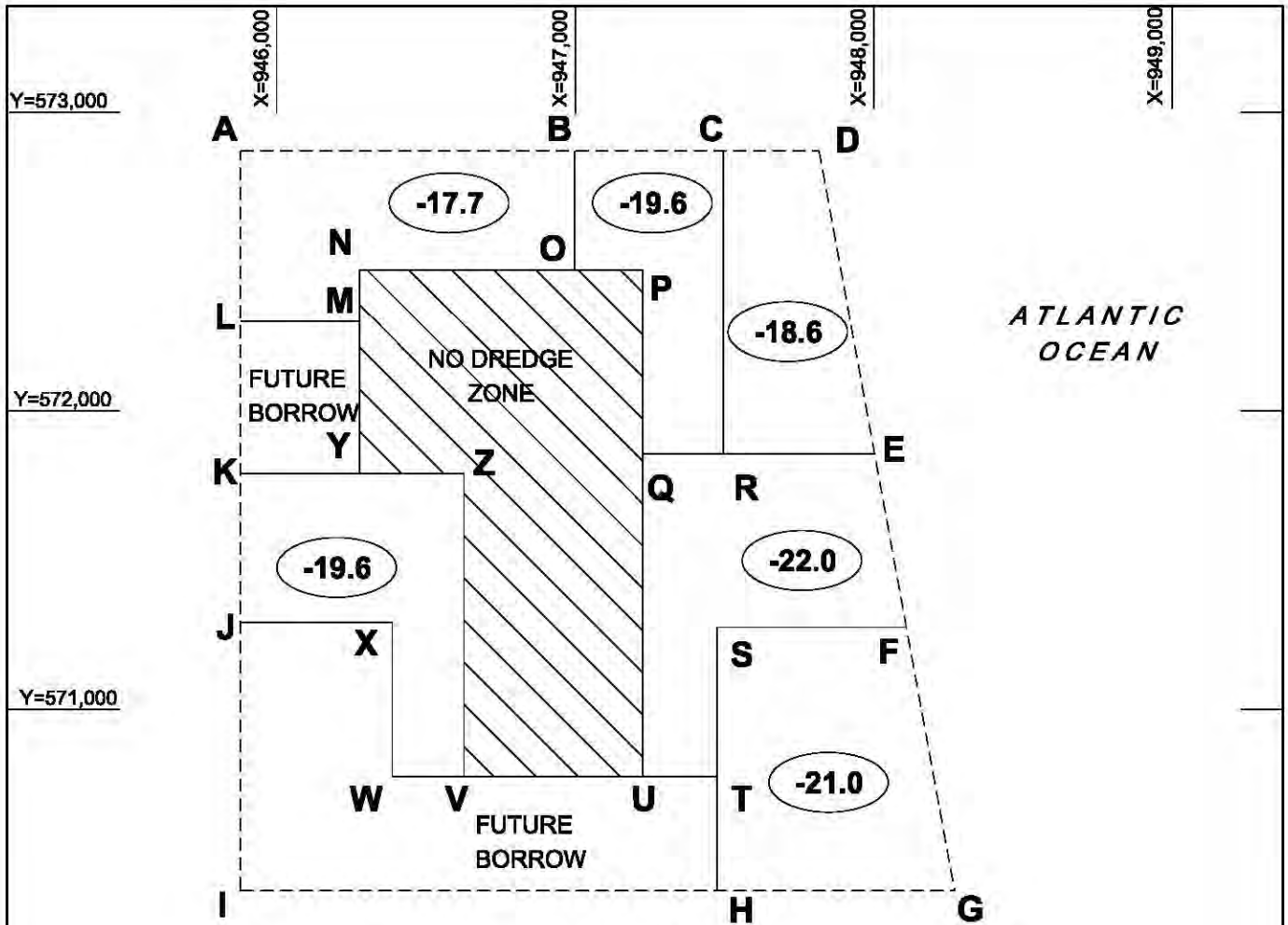
BEACH EROSION CONTROL AND HURRICANE PROTECTION PROJECT
DADE COUNTY, FLORIDA

PERMIT DRAWING

BEACH RENOURISHMENT
BORROW AREA AND PIPELINE CORRIDOR

PLATE

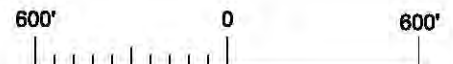
C-07



A	945,878.4	572,869.5	N	946,277.1	572,470.7
B	946,997.8	572,869.5	O	946,997.8	572,470.7
C	947,496.5	572,869.5	P	947,226.2	572,470.7
D	947,817.3	572,869.5	Q	947,226.2	571,854.8
E	948,003.1	571,854.8	R	947,496.5	571,854.8
F	948,109.4	571,274.3	S	947,476.4	571,274.3
G	948,270.1	570,393.7	T	947,476.4	570,774.7
H	947,476.4	570,393.7	U	947,226.2	570,774.7
I	945,878.4	570,393.7	V	946,627.2	570,774.7
J	945,878.4	571,290.9	W	946,387.2	570,774.7
K	945,878.4	571,789.7	X	946,387.2	571,290.9
L	945,878.4	572,299.7	Y	946,277.1	571,789.7
M	946,277.1	572,299.7	Z	946,627.2	571,789.7



GRAPHIC SCALE



NOTE:

1. AREAS L,M,Y,K, AND J,X,W,V,U,T,H,I DO NOT CONTAIN AN ADEQUATE VERTICAL BUFFER OF BEACH-QUALITY MATERIAL, HOWEVER, THESE AREAS MAY BE VIABLE IF SIGNIFICANT ACCRETION OF THE EBB SHOAL OCCURS DURING THE DURATION OF THE PERMIT.

2. SEE LEGEND ON PLATE C-07.

Y=568,000



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

Desn by:
TAM
Dwn by:
MR2
Clcd by:
BNH
Dated:
JULY 2012

BEACH EROSION CONTROL AND
HURRICANE PROTECTION PROJECT
DADE COUNTY, FLORIDA
PERMIT DRAWING
BEACH RENOURISHMENT
BORROW AREA COORDINATES

PLATE
C-08