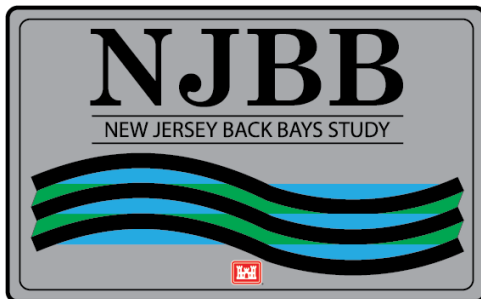

**ENGINEERING APPENDIX
PERIMETER PLAN CYCLE 3
SCREENING ANALYSIS**

**NEW JERSEY BACK BAYS
COASTAL STORM RISK MANAGEMENT
FEASIBILITY STUDY**

PHILADELPHIA, PENNSYLVANIA

APPENDIX B.7C

August 2021



**U.S. Army Corps of Engineers
Philadelphia District**

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US Army Corps of Engineers
PHILADELPHIA
DISTRICT



MARK	ACTION	DATE	BY

ISSUE/SUBMITTAL DATE:	
DESIGN/REPORT NUMBER:	
SOLICITATION NUMBER:	
CONTRACT NUMBER:	
DWG. SCALE:	
DWG. SIZE:	
FILE NAME:	
27x34" ANSI D	

U.S. ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT

NEW JERSEY BACK BAY
COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
PERIMETER PLAN
SCREENING ANALYSIS
GENERAL PLAN
CYCLE 3

SHEET NUMBER

C-101

1 GENERAL PLAN- SHEET KEY

SCALE IN FEET



MATCHLINE
RE: C-103

PLAN NORTH

PERIMETER PLAN

600' 300' 0 600'

SCALE IN FEET

LEGEND:

[White Line]	TYPE A
[Blue Line]	TYPE B
[Magenta Line]	TYPE C
[Cyan Line]	TYPE D



US Army Corps of Engineers
PHILADELPHIA DISTRICT

MARK	ACTION	DESCRIPTION	DATE	BY

DESIGNED BY: MCP	ISSUESUBMITTAL DATE:
REVIEWED BY: SIS	ISSUE REPORT
CREATED BY: DAN	SOLICITATION NUMBER:
FILE NAME: FN	CONTRACT NUMBER:
PLOT SCALE: 1"=600'	
DWG. SIZE: 22x34" ANSI D	

NEW JERSEY BACK BAY
COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY

PERIMETER PLAN
SCREENING ANALYSIS

PERIMETER PLAN

SHEET NUMBER

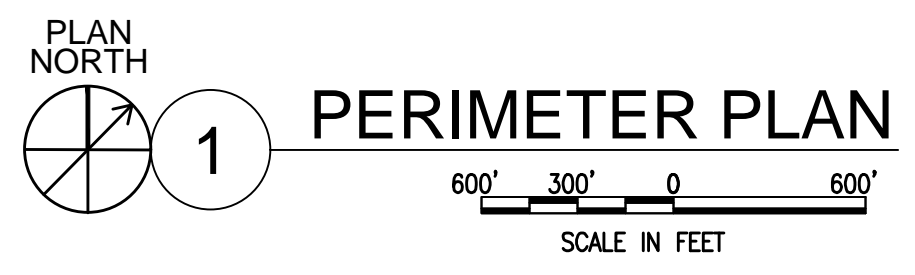
C-102

A B C D

1 2 3 4 5
MATCHLINE RE: C-102



MATCHLINE RE: C-104



LEGEND:

[Black line]	TYPE A
[Blue line]	TYPE B
[Magenta line]	TYPE C
[Cyan line]	TYPE D



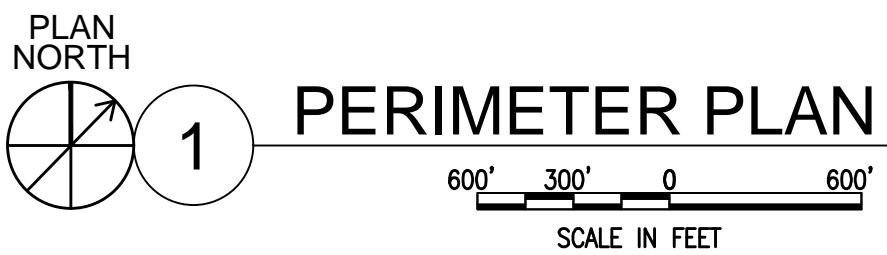
ISSUE/SUBMITTAL DATE:	BY
DESIGN REPORT	
SOLICITATION NUMBER	
CONTRACT NUMBER	
DATE	

DESIGN BY:	ISSUE/SUBMITTAL DATE:
MJP	DESIGN REPORT
REVIEWED BY:	SOLICITATION NUMBER
DAN	CONTRACT NUMBER
PLOT SCALE:	FILE NAME:
1"=600'	27x34" ANSI D FN

U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	#
	#
	#
	#

NEW JERSEY BACK BAY
COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
PERIMETER PLAN
SCREENING ANALYSIS
PERIMETER PLAN

SHEET NUMBER
C-103



LEGEND:

	TYPE A
	TYPE B
	TYPE C
	TYPE D

MATCHLINE
RE: C-105

US Army Corps
of Engineers
PHILADELPHIA
DISTRICT

MARK	ACTION	DATE	BY

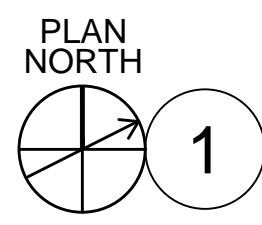
DES BY: MIC	ISSUE/SUBMITTAL DATE:
REV BY: SIS	ISP REPORT
CRD BY: DAN	SOLICITATION NUMBER:
	CONTRACT NUMBER:
	FILE NAME:
	FILE NAME:
	FILE NAME:

U.S. ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT

#

COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
PERIMETER PLAN
SCREENING ANALYSIS
PERIMETER PLAN

SHEET NUMBER
C-104



PERIMETER PLAN
 SCALE IN FEET
 600' 300' 0 600'

LEGEND:

	TYPE A
	TYPE B
	TYPE C
	TYPE D

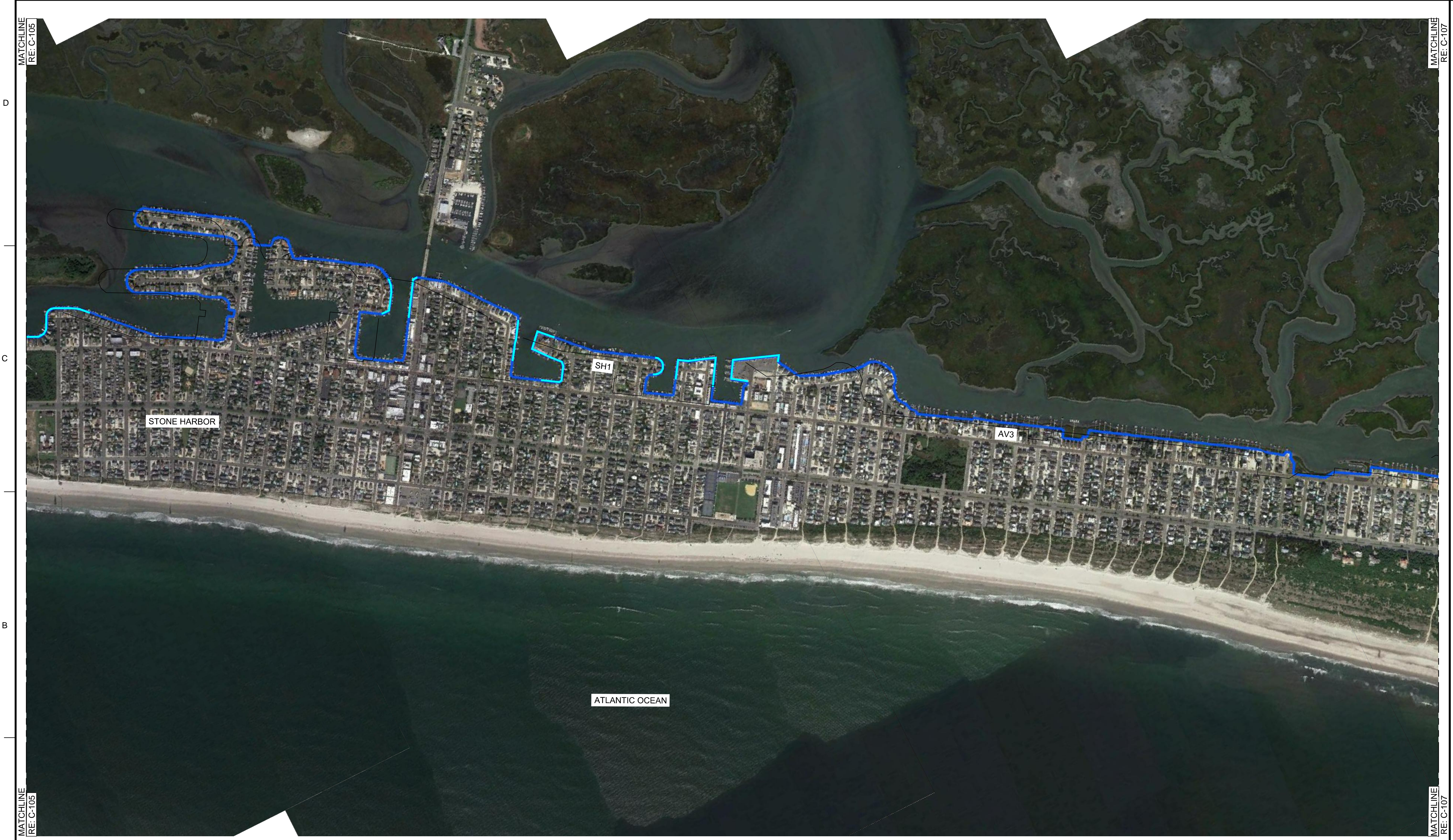


MARK	ACTION	DATE	BY

DESIGNED BY: MIC	DESIGNED DATE:
REVIEWED BY: DN	ISSUE/REVISION NUMBER:
DATE:	SUBMITTAL NUMBER:
PROJECT NUMBER:	CONTRACT NUMBER:
PLOT SCALE: 1"=600'	FILE NAME:
DWG. SIZE: 22x34" ANSI D	FN

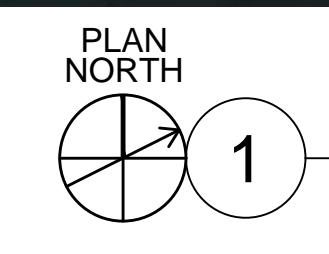
U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	#
#	#
#	#

NEW JERSEY BACK BAY
 COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
 PERIMETER PLAN
 SCREENING ANALYSIS
 PERIMETER PLAN
 SHEET NUMBER
C-105

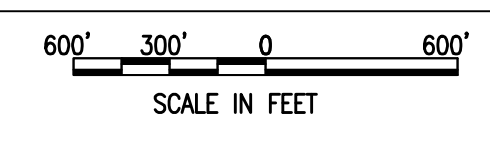


MATCHLINE RE: C-105
D
C
B
A

MATCHLINE RE: C-107



PERIMETER PLAN



LEGEND:

[Black line]	TYPE A
[Blue line]	TYPE B
[Magenta line]	TYPE C
[Cyan line]	TYPE D

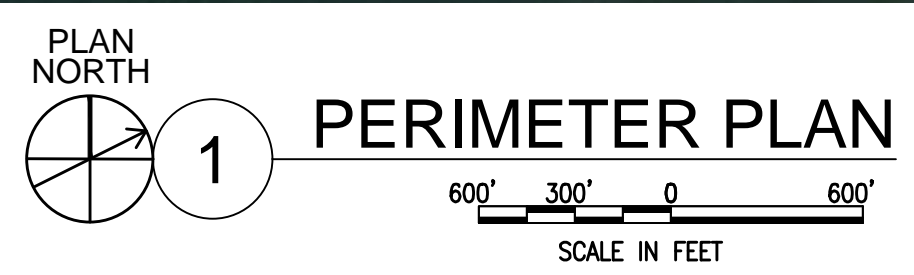
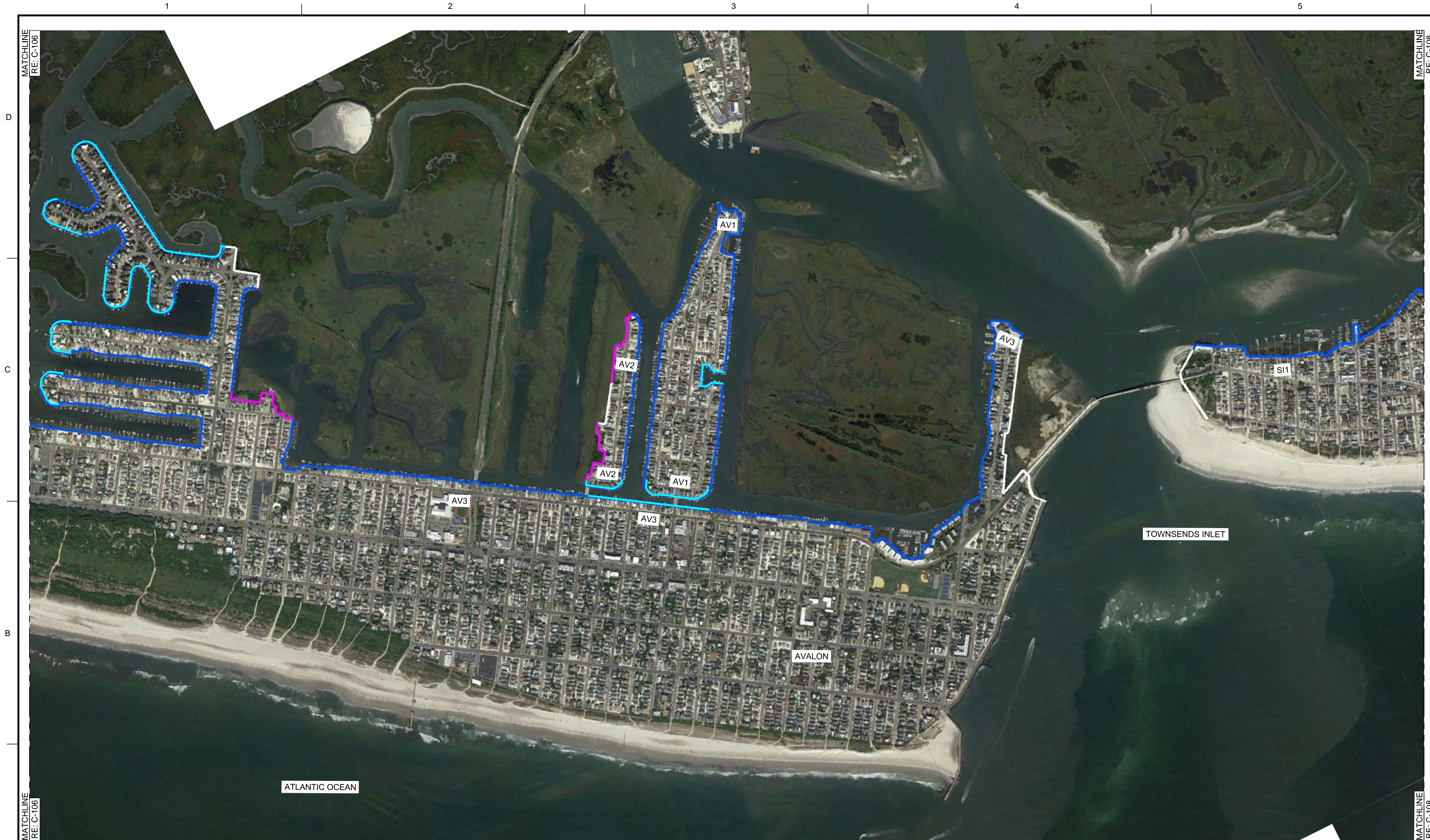


MARK	ACTION	DESCRIPTION	DATE	BY

U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	DESIGNED BY: [blank] CHECKED BY: [blank] DATE: [blank]
#	ISSUE/SUBMITTAL DATE: [blank]
#	DESIGNED BY: [blank]
#	REVIEWED BY: [blank]
#	DATE: [blank]
#	FILE NAME: [blank]
	CONTRACT NUMBER: [blank]
	SOLICITATION NUMBER: [blank]

NEW JERSEY BACK BAY
COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
PERIMETER PLAN
SCREENING ANALYSIS
PERIMETER PLAN

SHEET NUMBER
C-106



LEGEND:	
	TYPE A
	TYPE B
	TYPE C
	TYPE D

MATCHLINE
RE: C-106

MATCHLINE
RE: C-108



MARK	ACTION	DESCRIPTION	DATE	BY

DESIGNED BY: MICHAEL J. ...	ISSUE/SUBMITTAL DATE: 12/15/2011
CREATED BY: DAN ...	REVIEWED BY: SUSAN ...
DRAWN BY: ERIC ...	SOLICITATION NUMBER: ...
PROJECT SCALE: 1"=600'	CONTRACT NUMBER: ...
DWG. SIZE: 22x34" ANSI D	FILE NAME: ...

U.S. ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT

NEW JERSEY BACK BAY
COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
PERIMETER PLAN
SCREENING ANALYSIS
PERIMETER PLAN

SHEET NUMBER
C-107

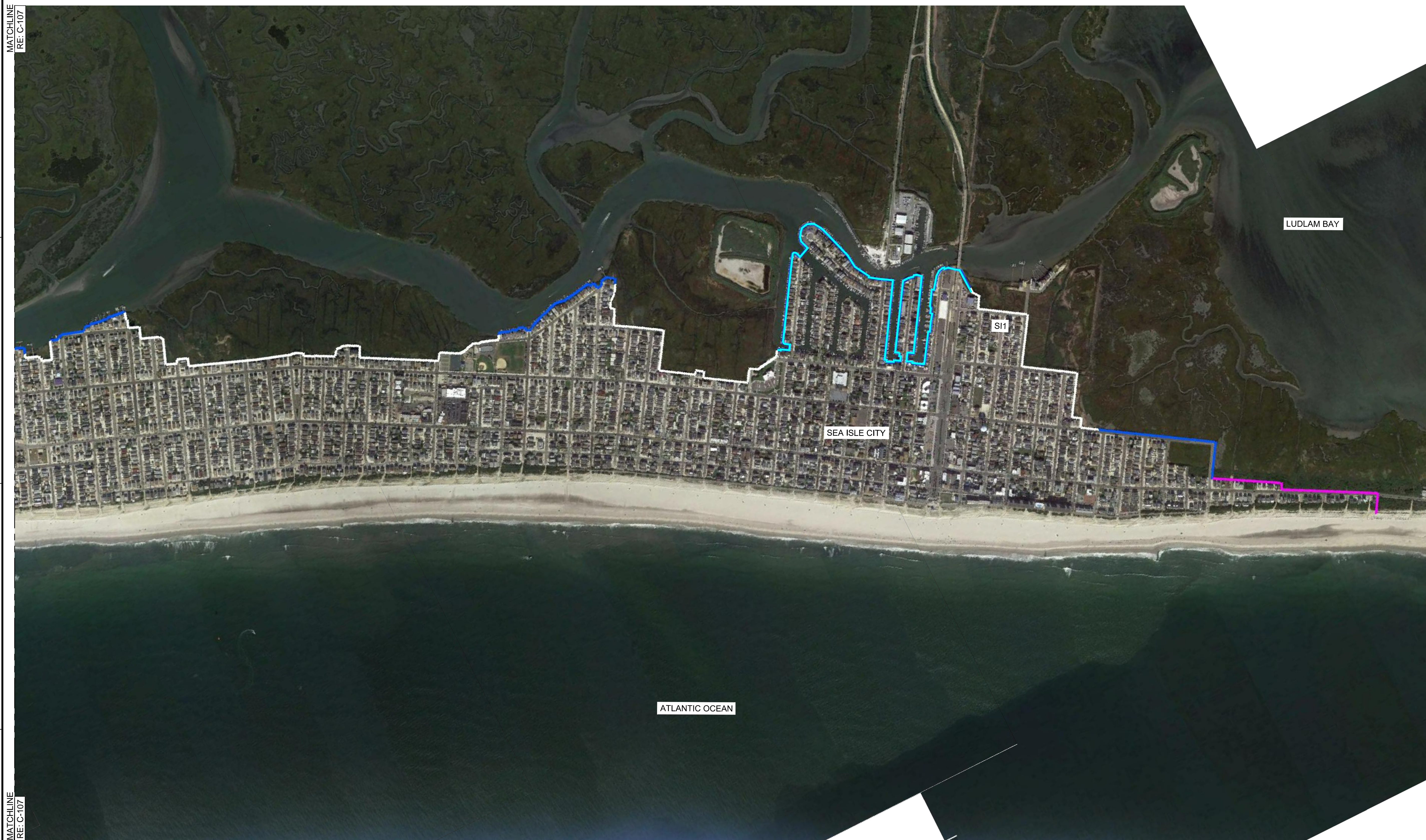
MATCHLINE
RE: C-107

D

C

B

A

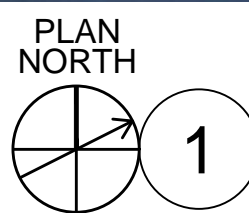


ATLANTIC OCEAN

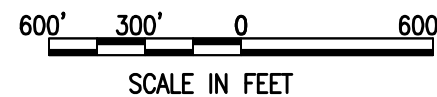
LUDLAM BAY

SEA ISLE CITY

S11



PERIMETER PLAN



SCALE IN FEET

LEGEND:

- TYPE A
- TYPE B
- TYPE C
- TYPE D



US Army Corps
of Engineers
PHILADELPHIA
DISTRICT

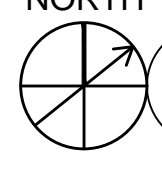
MARK	ACTION	DESCRIPTION	DATE	BY

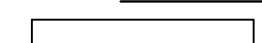



DESIGNED BY: MIC	DESIGNED DATE:	ISSUE/SUBMITTAL DATE:
REVIEWED BY: SIS	REVIEWED DATE:	
CONTRACT NUMBER:		
FILE NAME:		

NEW JERSEY BACK BAY
COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
PERIMETER PLAN
SCREENING ANALYSIS
PERIMETER PLAN

SHEET NUMBER
C-108



PLAN NORTH
 **1** PERIMETER PLAN
 600' 300' 0 600'
 SCALE IN FEET

LEGEND:	
	TYPE A
	TYPE B
	TYPE C
	TYPE D



MARK	ACTION	DESCRIPTION	DATE	BY

U.S. ARMY CORP. OF ENGINEERS PHILADELPHIA DISTRICT	DESIGN BY: <input type="checkbox"/> MIC	DESIGN/ISSUE DATE: _____
	DESIGNED BY: _____	ISSUE/REVISION NUMBER: _____
# # # #	DESIGNED BY: _____	ISSUE/REVISION NUMBER: _____
	DESIGNED BY: _____	ISSUE/REVISION NUMBER: _____
# # #	DESIGNED BY: _____	ISSUE/REVISION NUMBER: _____
	DESIGNED BY: _____	ISSUE/REVISION NUMBER: _____
# #	DESIGNED BY: _____	ISSUE/REVISION NUMBER: _____
	DESIGNED BY: _____	ISSUE/REVISION NUMBER: _____
# #	DESIGNED BY: _____	ISSUE/REVISION NUMBER: _____
	DESIGNED BY: _____	ISSUE/REVISION NUMBER: _____
# #	DESIGNED BY: _____	ISSUE/REVISION NUMBER: _____
	DESIGNED BY: _____	ISSUE/REVISION NUMBER: _____
# #	DESIGNED BY: _____	ISSUE/REVISION NUMBER: _____
	DESIGNED BY: _____	ISSUE/REVISION NUMBER: _____
# #	DESIGNED BY: _____	ISSUE/REVISION NUMBER: _____
	DESIGNED BY: _____	ISSUE/REVISION NUMBER: _____
# #	DESIGNED BY: _____	ISSUE/REVISION NUMBER: _____
	DESIGNED BY: _____	ISSUE/REVISION NUMBER: _____

NEW JERSEY BACK BAY
 COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
 PERIMETER PLAN
 SCREENING ANALYSIS
 PERIMETER PLAN

SHEET NUMBER
C-109

MATCHLINE
RE: C-110

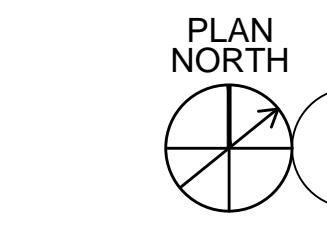


MATCHLINE RE: C-109

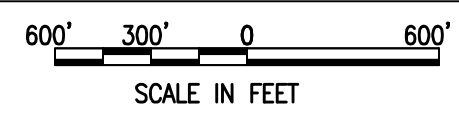
MATCHLINE RE: C-111

D
C
B
A

1 2 3 4 5



PERIMETER PLAN



LEGEND:	
	TYPE A
	TYPE B
	TYPE C
	TYPE D



US Army Corps of Engineers
PHILADELPHIA DISTRICT

MARK	ACTION	DESCRIPTION	DATE	BY

U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	DESIGN BY: MJP	ISSUE/SUBMITTAL DATE:
	REVIEWED BY: SWS	SP REPORT
		SOLICITATION NUMBER:
		CONTRACT NUMBER:

NEW JERSEY BACK BAY
COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY

PERIMETER PLAN
SCREENING ANALYSIS

PERIMETER PLAN

SHEET NUMBER
C-110



PLAN NORTH

1 PERIMETER PLAN

600' 300' 0 600'

SCALE IN FEET

LEGEND:

- TYPE A
- TYPE B
- TYPE C
- TYPE D

MATCHLINE

RE: C-113



MARK	ACTION	DESCRIPTION	DATE	BY

U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	DESIGN BY:	ISSUE/SUBMITTAL DATE:
	EIC: MJP CAD BY: JBS DSN:	10/11/2010
# # # # # # # # # # # #	REVIEWED BY: S/S	SOLICITATION NUMBER: -
	CONTRACT NUMBER: -	FILE NAME: 27x34 ANSID FN

NEW JERSEY BACK BAY
 COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
 PERIMETER PLAN
 SCREENING ANALYSIS
 PERIMETER PLAN

SHEET NUMBER
C-112



PLAN NORTH
 1 PERIMETER PLAN
 600' 300' 0 600'
 SCALE IN FEET

LEGEND:

	TYPE A
	TYPE B
	TYPE C
	TYPE D



MARK	ACTION	DATE	BY

DES BY: MIC	ISSUE/SUBMITTAL DATE: 12/15/2011
CRD BY: DAN	REVIEWED BY: SUS
DESIGNED BY: SUS	SOLICITATION NUMBER:
	CONTRACT NUMBER:

U.S. ARMY CORPS OF ENGINEERS
 PHILADELPHIA DISTRICT

NEW JERSEY BACK BAY
 COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY

PERIMETER PLAN
 SCREENING ANALYSIS

PERIMETER PLAN

SHEET NUMBER
C-114



PLAN NORTH
 1 PERIMETER PLAN
 600' 300' 0 600'
 SCALE IN FEET

LEGEND:

[White line]	TYPE A
[Blue line]	TYPE B
[Magenta line]	TYPE C
[Cyan line]	TYPE D



MARK	ACTION	DATE	BY

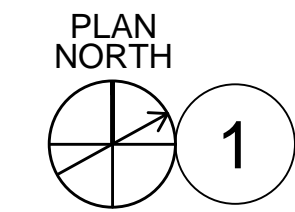
DESIGNED BY: [Blank]	ISSUE/SUBMITTAL DATE: [Blank]
CHK'D BY: [Blank]	ISP REPORT NUMBER: [Blank]
DESIGNED BY: [Blank]	REVIEWED BY: [Blank]
DATE: [Blank]	SIS SOLICITATION NUMBER: [Blank]
PLOT SCALE: [Blank]	CONTRACT NUMBER: [Blank]
DWG. SIZE: [Blank]	FILE NAME: [Blank]
27x34" ANSI D	FN [Blank]
# # # #	

NEW JERSEY BACK BAY
 COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
 PERIMETER PLAN
 SCREENING ANALYSIS
 PERIMETER PLAN

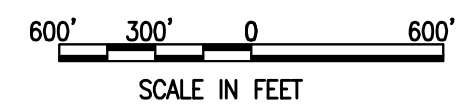
SHEET NUMBER
 C-115

A
B
C
D

1 2 3 4 5



PERIMETER PLAN



LEGEND:

	TYPE A
	TYPE B
	TYPE C
	TYPE D



MARK	ACTION	DESCRIPTION	DATE	BY

U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	DES BY:	ISSUE/SUBMITTAL DATE:
	MP	ISP REPORT
	REVIEWED BY:	SOLICITATION NUMBER:
	GIS	CONTRACT NUMBER:
DWN BY:	PLOT SCALE:	FILE NAME:
ERIC	1"=600'	
CAD BY:	DWG. SIZE:	22x34" ANSI D
DAN	1"=600'	FN

NEW JERSEY BACK BAY
COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY

PERIMETER PLAN
SCREENING ANALYSIS

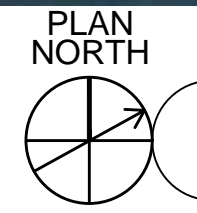
PERIMETER PLAN

SHEET NUMBER





C-116

1 2 3 4 5



PLAN NORTH
 1
PERIMETER PLAN
 600' 300' 0 600'
 SCALE IN FEET

LEGEND:

	TYPE A
	TYPE B
	TYPE C
	TYPE D



US Army Corps of Engineers
 PHILADELPHIA DISTRICT

MARK	ACTION	DESCRIPTION	DATE	BY

U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	# # #
DESIGN BY: [blank] MGP: [blank] REVIEWED BY: [blank]	ISSUE/SUBMITTAL DATE: [blank] ISP REPORT: [blank] SOLICITATION NUMBER: [blank]
DWN BY: ERIC CRD BY: DAN	CONTRACT NUMBER: [blank]
DESIGNED BY: [blank] CHECKED BY: [blank] REVIEWED BY: [blank]	FILE NAME: [blank]
PLOT SCALE: 1"=600'	DWG. SIZE: 22x34" ANSI D

NEW JERSEY BACK BAY
 COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
 PERIMETER PLAN
 SCREENING ANALYSIS
 PERIMETER PLAN

SHEET NUMBER
C-117



PLAN NORTH
1 PERIMETER PLAN
 600' 300' 0 600'
 SCALE IN FEET

LEGEND:

	TYPE A
	TYPE B
	TYPE C
	TYPE D

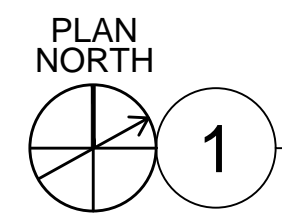
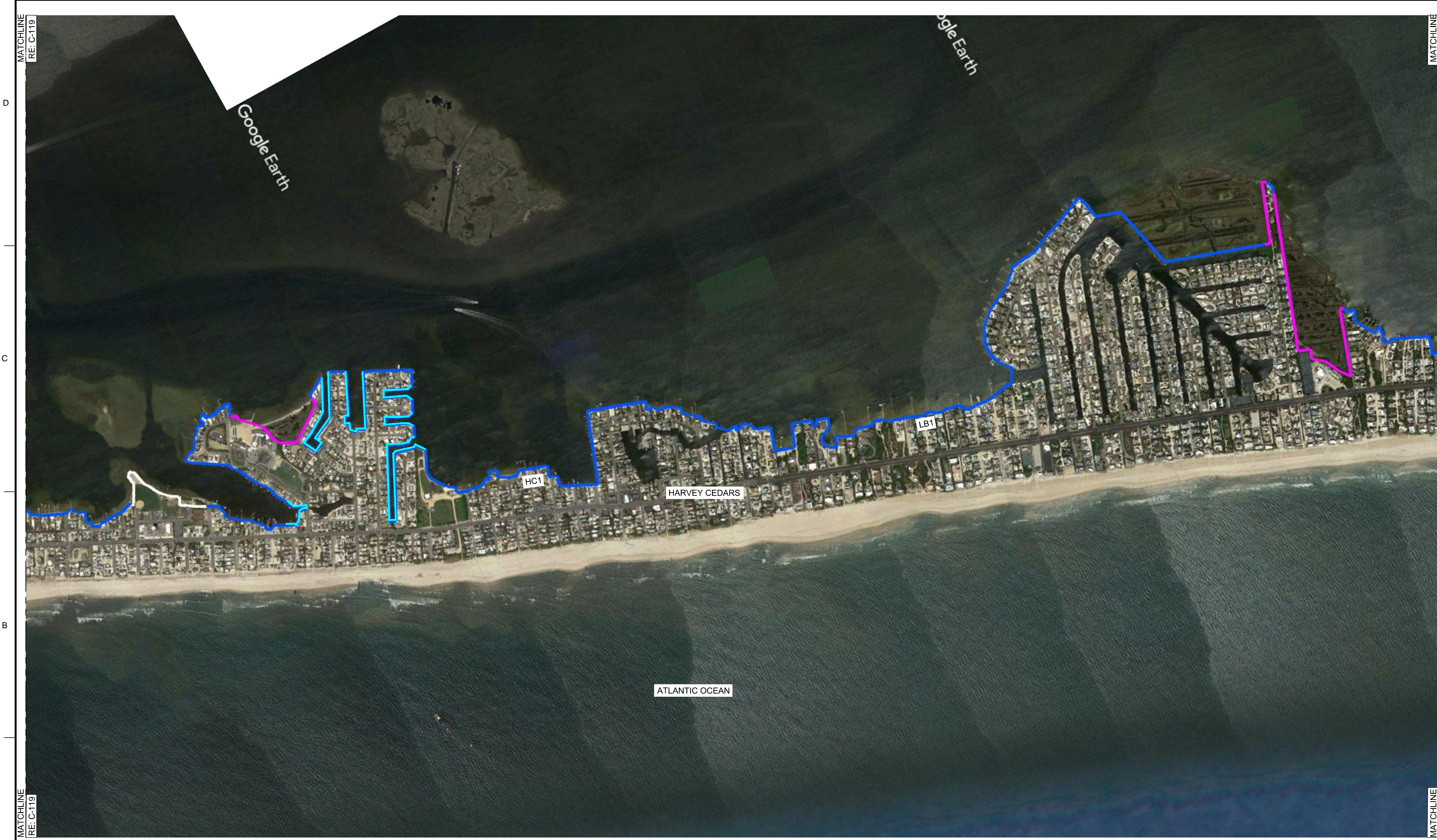


MARK	ACTION	DESCRIPTION	DATE	BY

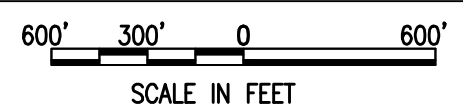
U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	DESIGN BY: MCP	ISSUE/SUBMITTAL DATE:
#	REVIEWED BY: SIS	ISP REPORT
#	FILE NAME:	SOLICITATION NUMBER:
#	27x34" ANSI D FN	CONTRACT NUMBER:
#		

NEW JERSEY BACK BAY
 COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
 PERIMETER PLAN
 SCREENING ANALYSIS
 PERIMETER PLAN

SHEET NUMBER
C-118



PERIMETER PLAN



LEGEND:

—	TYPE A
—	TYPE B
—	TYPE C
—	TYPE D



MARK	ACTION	DESCRIPTION	DATE	BY

DESIGNED BY: MJP	ISSUE/SUBMITTAL DATE:
CREATED BY: DAN	ISP REPORT:
DESIGNED BY: SIS	SOLICITATION NUMBER:
REVIEWED BY: SIS	CONTRACT NUMBER:
FILE NAME: 272347.ANSI D FN	

NEW JERSEY BACK BAY
 COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
 PERIMETER PLAN
 SCREENING ANALYSIS
 PERIMETER PLAN

SHEET NUMBER
C-120

MATCHLINE
RE: C-120

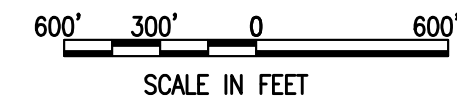


MATCHLINE
RE: C-120



1

PERIMETER PLAN



LEGEND:

	TYPE A
	TYPE B
	TYPE C
	TYPE D



MARK	ACTION	DESCRIPTION	DATE	BY

DESIGNED BY: MICHAEL J. SPRENGER	ISSUE/SUBMITTAL DATE:
DESIGNED BY: ERIC DAN	REVIEWED BY: SUSAN
DESIGNED BY: ERIC DAN	REVIEWED BY: SUSAN
DESIGNED BY: ERIC DAN	REVIEWED BY: SUSAN
DESIGNED BY: ERIC DAN	REVIEWED BY: SUSAN
DESIGNED BY: ERIC DAN	REVIEWED BY: SUSAN
DESIGNED BY: ERIC DAN	REVIEWED BY: SUSAN
DESIGNED BY: ERIC DAN	REVIEWED BY: SUSAN
DESIGNED BY: ERIC DAN	REVIEWED BY: SUSAN
DESIGNED BY: ERIC DAN	REVIEWED BY: SUSAN
DESIGNED BY: ERIC DAN	REVIEWED BY: SUSAN
DESIGNED BY: ERIC DAN	REVIEWED BY: SUSAN

NEW JERSEY BACK BAY
COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
PERIMETER PLAN
SCREENING ANALYSIS
PERIMETER PLAN

SHEET NUMBER
C-121



MATCHLINE
 RE: C-123

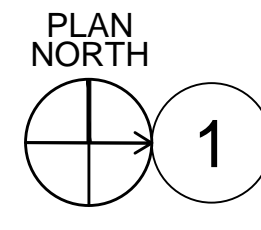


MARK	ACTION	DESCRIPTION	DATE	BY

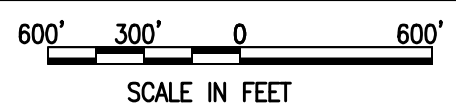
U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	ISSUE/SUBMITTAL DATE: ISP REPORT
DESIGNED BY: MIC	REVIEWED BY: SIS
CONTRACT NUMBER: -	CONTRACT NUMBER: -
DWN BY: ERIC	FILE NAME: 27334-ANSI.D FN
CRD BY: DAN	FILE NAME: -
PLOT SCALE: 1"=600'	FILE NAME: -
DWG. SIZE: 27334-ANSI.D FN	FILE NAME: -

NEW JERSEY BACK BAY
 COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
 PERIMETER PLAN
 SCREENING ANALYSIS
 PERIMETER PLAN

SHEET NUMBER
C-122



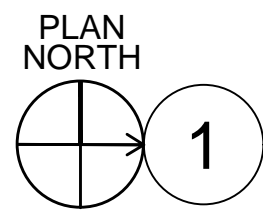
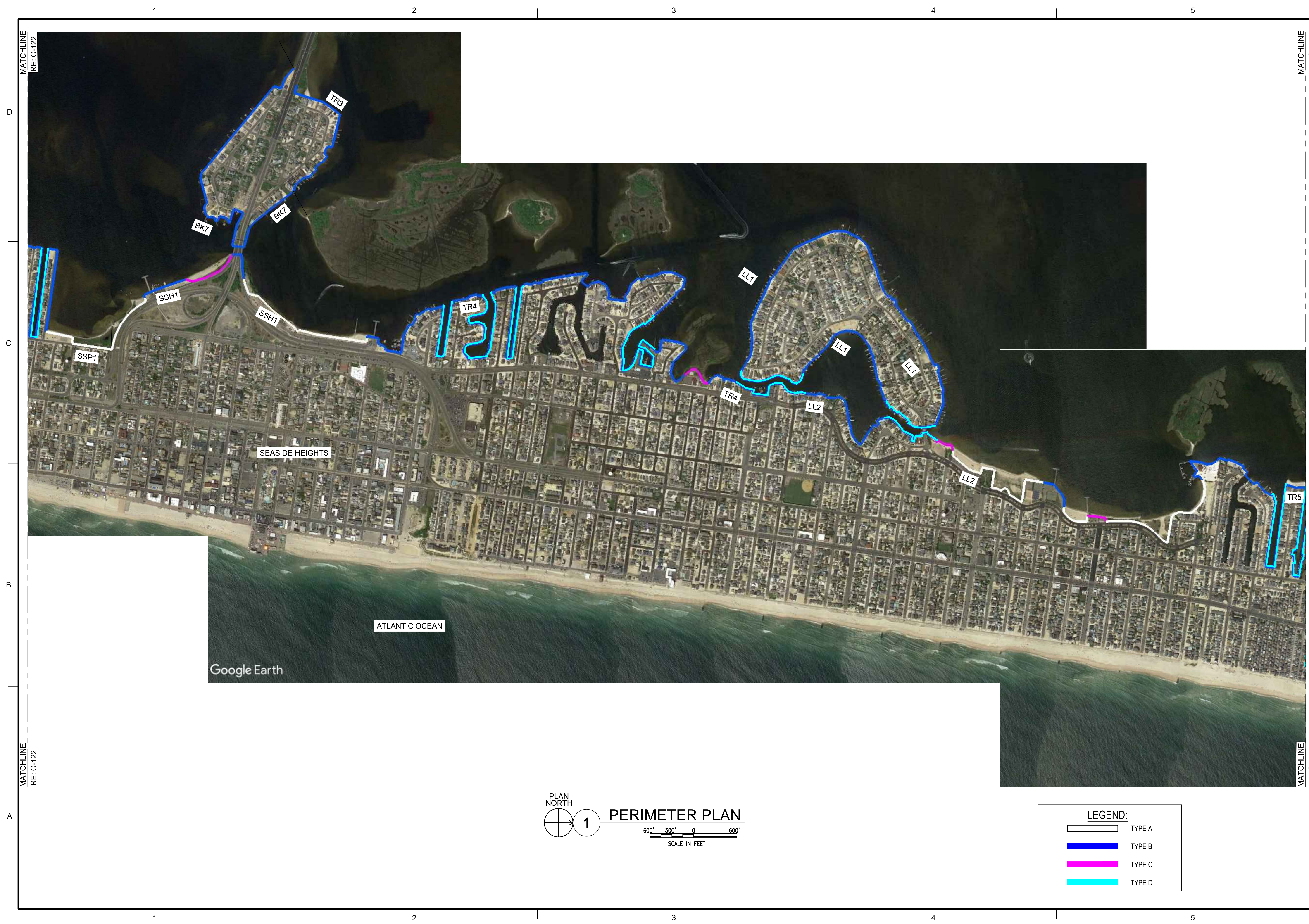
PERIMETER PLAN



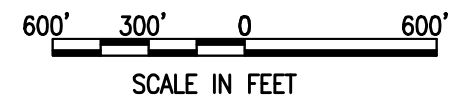
LEGEND:

	TYPE A
	TYPE B
	TYPE C
	TYPE D

MATCHLINE
 RE: C-123



PERIMETER PLAN



LEGEND:

- TYPE A
- TYPE B
- TYPE C
- TYPE D

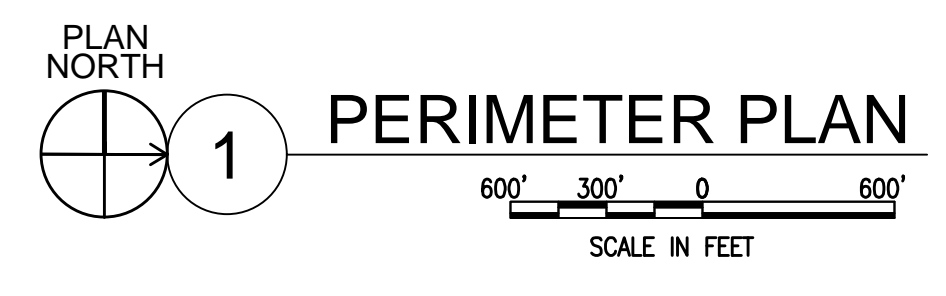


MARK	ACTION	DESCRIPTION	DATE	BY

U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	DES BY:	ISSUE/SUBMITTAL DATE:
	MRP:	ISP REPORT:
	REVIEWED BY:	SOLICITATION NUMBER:
CRD BY:	CONTRACT NUMBER:	
DAN:		
PLOT SCALE:	FILE NAME:	
1"=800'	27x34"ANSI D FN	
DWG. SIZE:		
#	#	#
#	#	#
#	#	#

NEW JERSEY BACK BAY
COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
PERIMETER PLAN
SCREENING ANALYSIS
PERIMETER PLAN

SHEET NUMBER
C-123



LEGEND:

	TYPE A
	TYPE B
	TYPE C
	TYPE D



MARK	ACTION	DATE	BY

DESIGNED BY: MICHAEL J. ...	ISSUE/SUBMITTAL DATE:
DESIGNED BY: MICHAEL J. ...	ISSUE/SUBMITTAL DATE:
DESIGNED BY: MICHAEL J. ...	ISSUE/SUBMITTAL DATE:
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NEW JERSEY BACK BAY
COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
PERIMETER PLAN
SCREENING ANALYSIS
PERIMETER PLAN

SHEET NUMBER
C-124



PLAN NORTH

1

PERIMETER PLAN

SCALE IN FEET

LEGEND:	
	TYPE A
	TYPE B
	TYPE C
	TYPE D

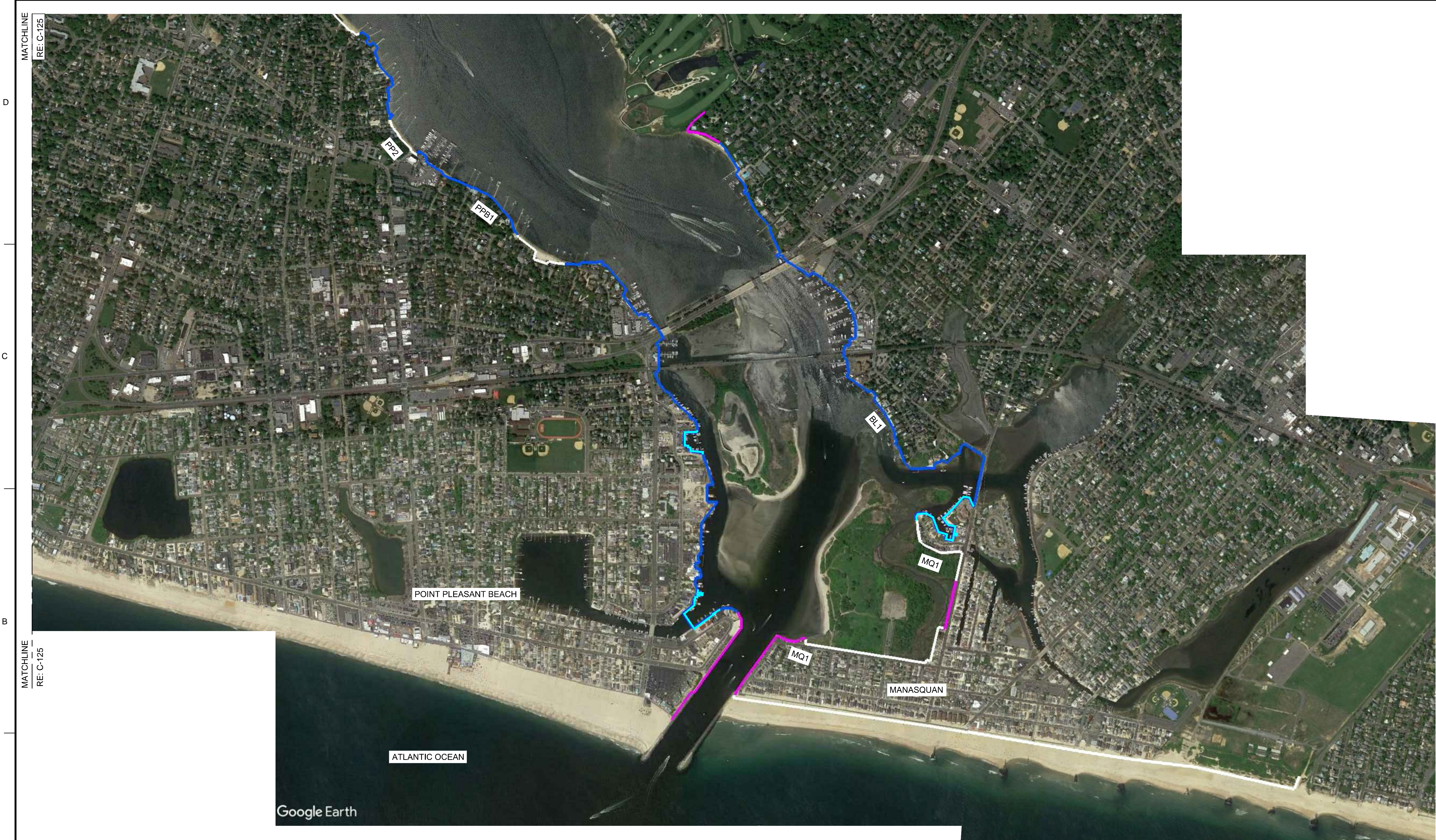


MARK	ACTION	DESCRIPTION	DATE	BY

U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	DESIGNED BY: [blank] CHECKED BY: [blank]	ISSUE/SUBMITTAL DATE: [blank] CONTRACT NUMBER: [blank]
# # # #	DWN BY: [blank] CRO BY: [blank]	PLOT SCALE: [blank] DWG. SIZE: [blank]
U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	DESIGNED BY: [blank] CHECKED BY: [blank]	ISSUE/SUBMITTAL DATE: [blank] CONTRACT NUMBER: [blank]
# # # #	DWN BY: [blank] CRO BY: [blank]	PLOT SCALE: [blank] DWG. SIZE: [blank]

NEW JERSEY BACK BAY
 COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
 PERIMETER PLAN
 SCREENING ANALYSIS
 PERIMETER PLAN

SHEET NUMBER
C-125



PLAN NORTH

1 PERIMETER PLAN

600' 300' 0 600'

SCALE IN FEET

LEGEND:

	TYPE A
	TYPE B
	TYPE C
	TYPE D



MARK	ACTION	DATE	BY

DESIGNED BY: MICHAEL J. BRYAN	ISSUE/SUBMITTAL DATE:	DESIGNED BY: MICHAEL J. BRYAN	ISSUE/SUBMITTAL DATE:
CRD BY: DANIEL A. NICHOLS	CONTRACT NUMBER:	PLOT SCALE: 1"=600'	FILE NAME: 27234-ANSI.D FN
U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	#	#	#

NEW JERSEY BACK BAY
COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
PERIMETER PLAN
SCREENING ANALYSIS
PERIMETER PLAN

SHEET NUMBER
C-126

MATCHLINE
RE: C-125

D

C

B

A

1

2

3

4

5

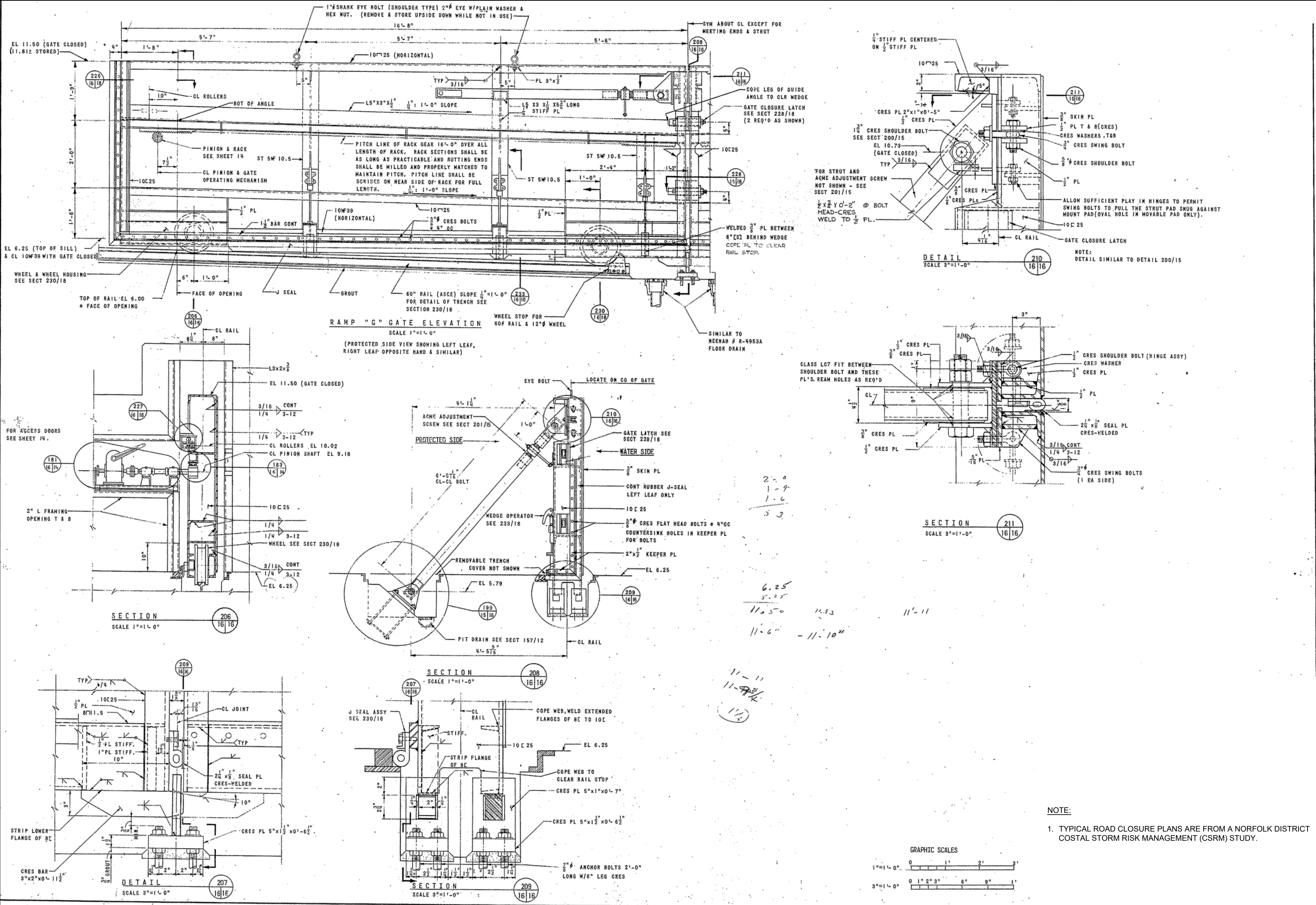
1

2

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4

5



NO.	DATE	DESCRIPTION

DESIGNED BY	ISSUED/REVISION DATE
DESIGNED BY	ISSUED/REVISION DATE
DESIGNED BY	ISSUED/REVISION DATE
DESIGNED BY	ISSUED/REVISION DATE
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DESIGNED BY	ISSUED/REVISION DATE

NEW JERSEY BACK BAY
 COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
 PERIMETER PLAN
 SCREENING ANALYSIS
 TYPICAL ROAD CLOSURE
 RAMP "G" GATE ELEVATION

U.S. ARMY CORPS OF ENGINEERS
 PHILADELPHIA DISTRICT

#

SHEET NUMBER
P-104

PRELIMINARY STREET CLOSURES
NORFOLK CSRM 10% DESIGN

Table with 8 columns: No., Gate No., Location, Station, Sill Height, Top of Gate, Height, Width. Rows 1-31 listing various street closures with details like 'Crossing shore drive', 'Gleneagle Road', etc.

PRELIMINARY STREET CLOSURES
NORFOLK CSRM 10% DESIGN

Table with 8 columns: No., Gate No., Location, Station, Sill Height, Top of Gate, Height, Width. Rows 32-58 listing various street closures with details like 'Waterside 1', 'Waterside 2', etc.

PRELIMINARY STREET CLOSURES
NORFOLK CSRM 10% DESIGN

Table with 8 columns: No., Gate No., Location, Station, Sill Height, Top of Gate, Height, Width. Rows FS-1 to FS-3 listing 'Front Street Alignment' closures. Includes a LEGEND section with abbreviations like PL, LR, BR, WS, etc.

NOTES:
1. TYPICAL ROAD CLOSURE PLANS ARE FROM A NORFOLK DISTRICT COSTAL STORM RISK MANAGEMENT (CSRM) STUDY.



Metadata table with columns: ISSUE/SUBMITTAL DATE, DESIGNED BY, REVIEWED BY, SOLICITATION NUMBER, CONTRACT NUMBER, PLOT SCALE, DWG. SIZE, FILE NAME. Includes a vertical 'MARK ACTION' column and a 'DATE' column.

Administrative table with columns: U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT, DWN BY, DES BY, CD BY, PLOT SCALE, DWG. SIZE, FILE NAME. Includes a grid for tracking personnel with '#' symbols.

NEW JERSEY BACK BAY COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY PERIMETER PLAN SCREENING ANALYSIS TYPICAL ROAD CLOSURE GATE STATIONS AND DIMENSIONS

SHEET NUMBER
P-106

D

C

B

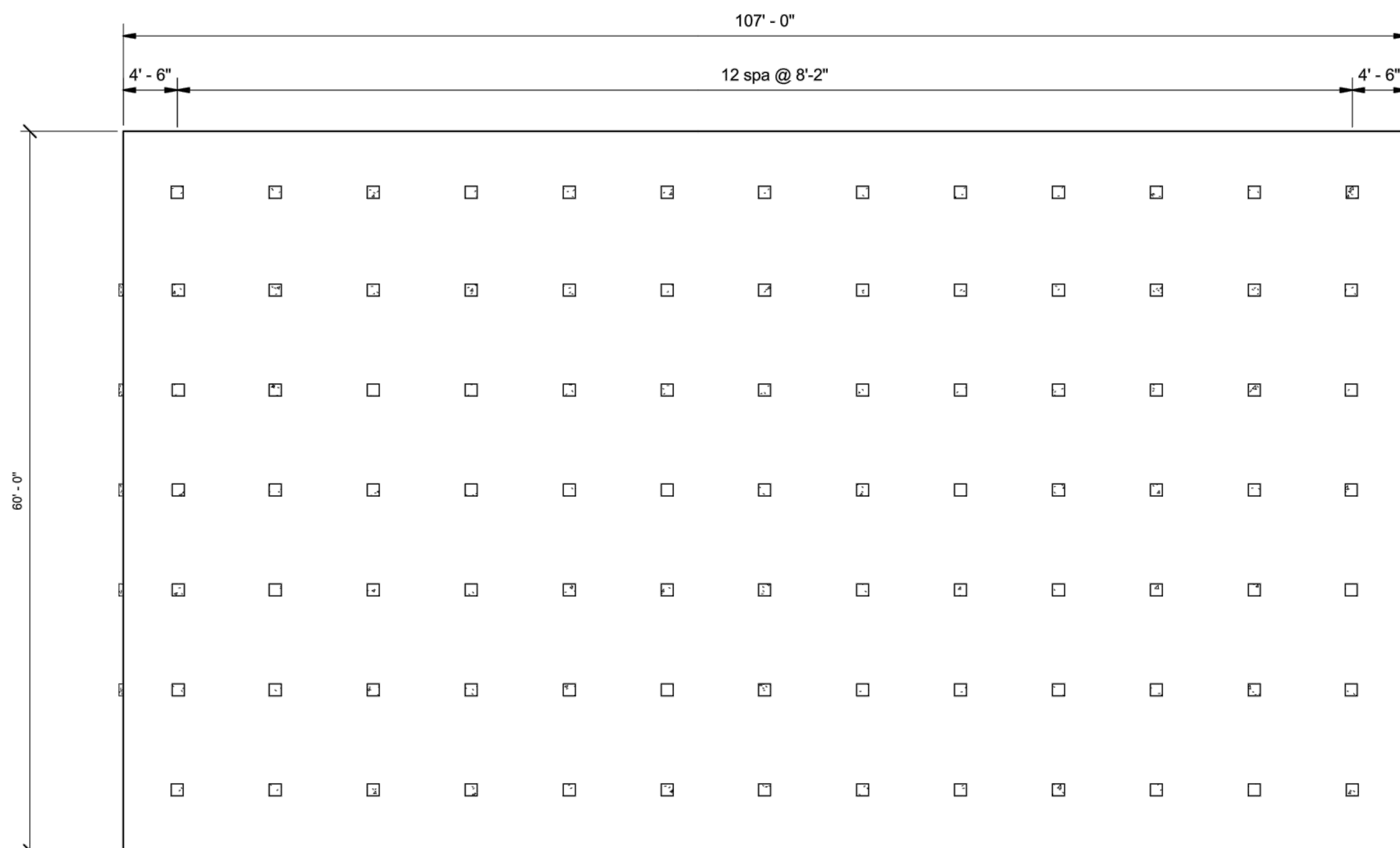
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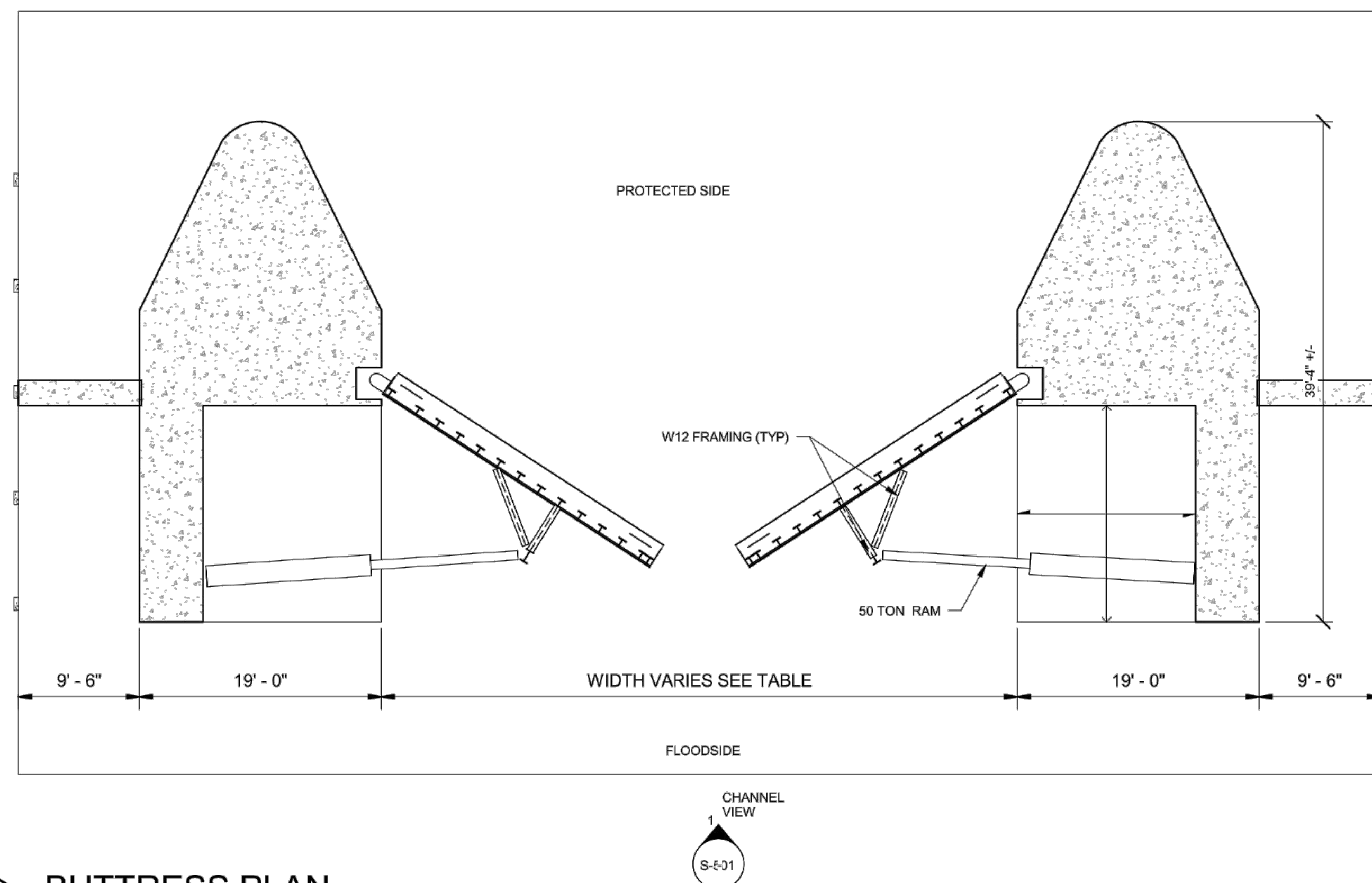
C

B

A



1 SINGLE TIDE GATE FOUNDATION PLAN
1/8" = 1'-0"



2 BUTTRESS PLAN
1/8" = 1'-0"



US Army Corps of Engineers
PHILADELPHIA DISTRICT

MARK	ACTION	DESCRIPTION	DATE	BY

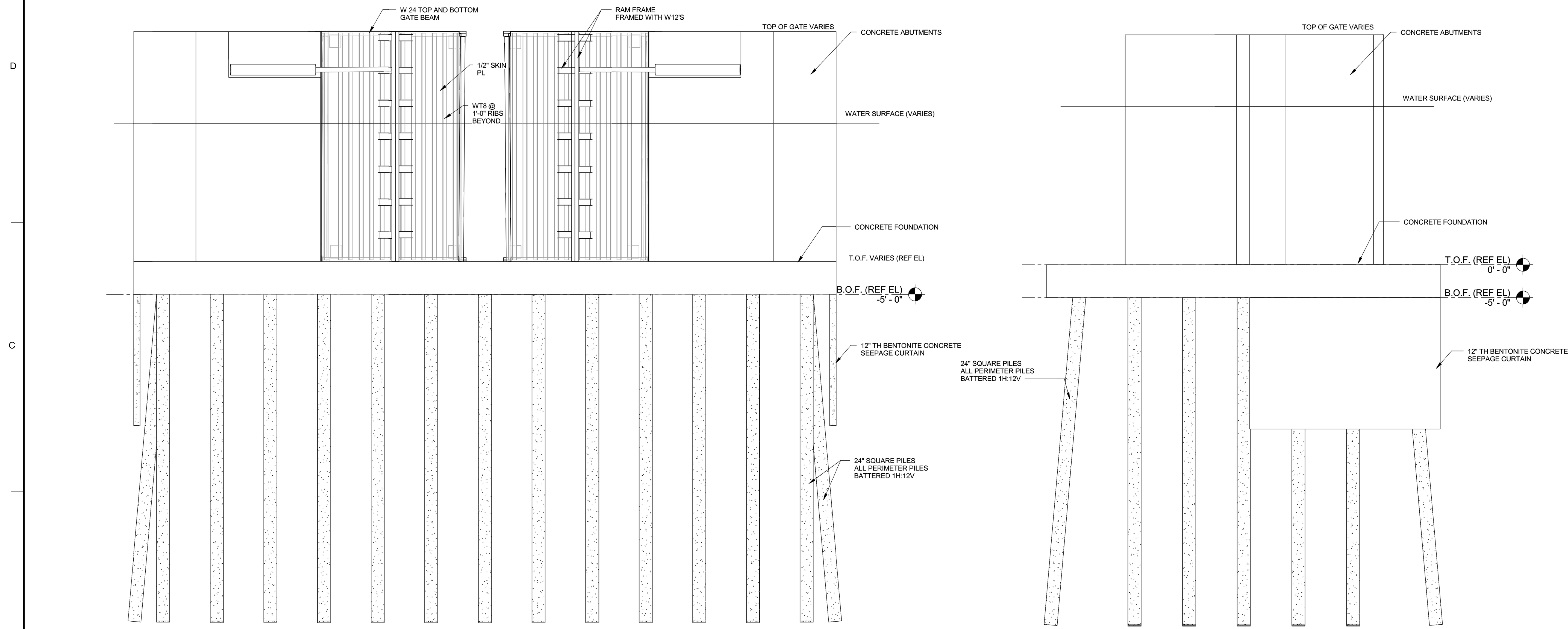
ISSUE/SUBMITTAL DATE:	DESIGN BY:	U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT
DATE:	REVIEWED BY:	
SPECIFIC SOLICITATION NUMBER:		
CONTRACT NUMBER:		
PLOT SCALE:	FILE NAME:	
DWG. SIZE:	FILE NAME:	
22x34" ANSI D FN		

NEW JERSEY BACK BAY
COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
PERIMETER PLAN
SCREENING ANALYSIS
MITER TIDE GATE
PLAN VIEW

SHEET NUMBER

P-107

ALL ELEVATIONS ARE NAVD 88



1 CHANNEL VIEW
1/8" = 1'-0"

2 SIDE VIEW
1/8" = 1'-0"

LOCATION	NO. OF GATES	ELEVATION T.O.F.	ELEVATION TOP OF GATES	WIDTH OF GATES	LENGTH OF PILES
LR-1 OUTERMOST ALIGNMENT AT MOUTH OF RIVER	9	3 @ -10.0	13.5	ALL @ 70'-0"	65'-0"
		3 @ -15.0			
		3 @ -20.0			
HAGUE	2	-9.5	13.5	65'-0"	50'-0"
BROAD CREEK	6	0.0	13.5	65'-0"	60'-0"
PRETTY LAKE	1	-8.0	13.5	65'-0"	55'-0"

ALL ELEVATIONS IN THE CHART ARE NAVD 88



DATE	BY	DESCRIPTION

U.S. ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT

DESIGNER: _____
DESIGNED BY: _____
CHECKED BY: _____
ISSUED/SUBMITTAL DATE: _____
CONTRACT NUMBER: _____
DWG. SIZE: 22x34" ANSI D 1/11

#

NEW JERSEY BACK BAY
COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY
PERIMETER PLAN
SCREENING ANALYSIS
MITER TIDE GATE
ELEVATIONS

SHEET NUMBER

P-108