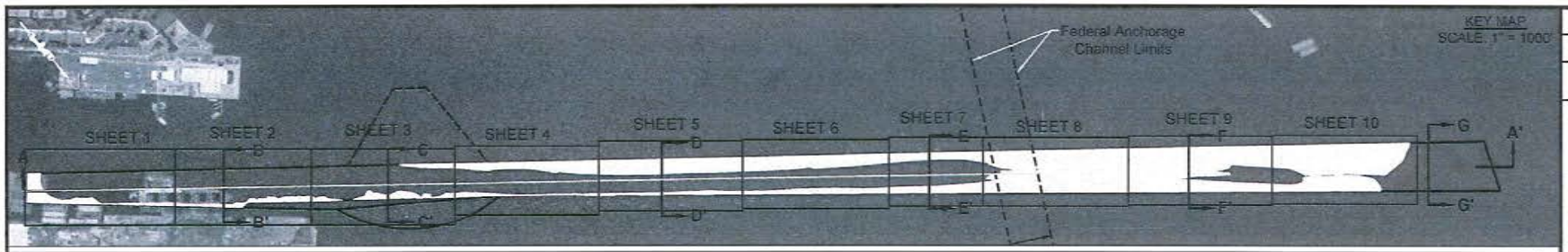

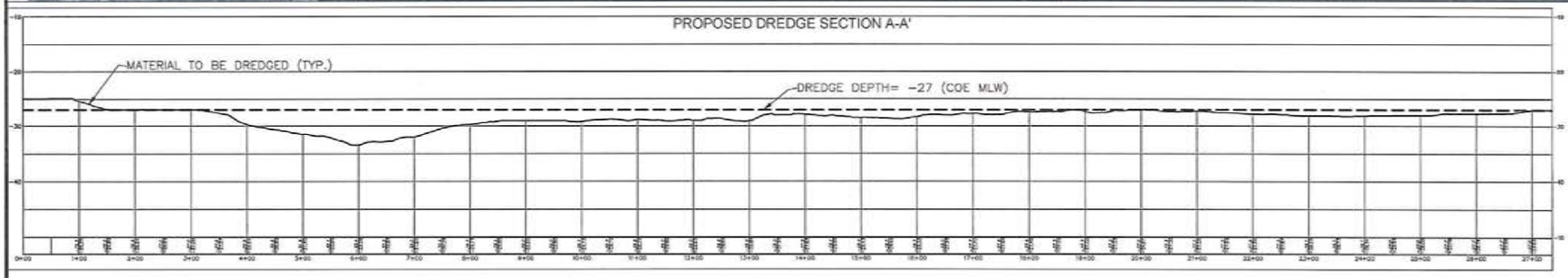

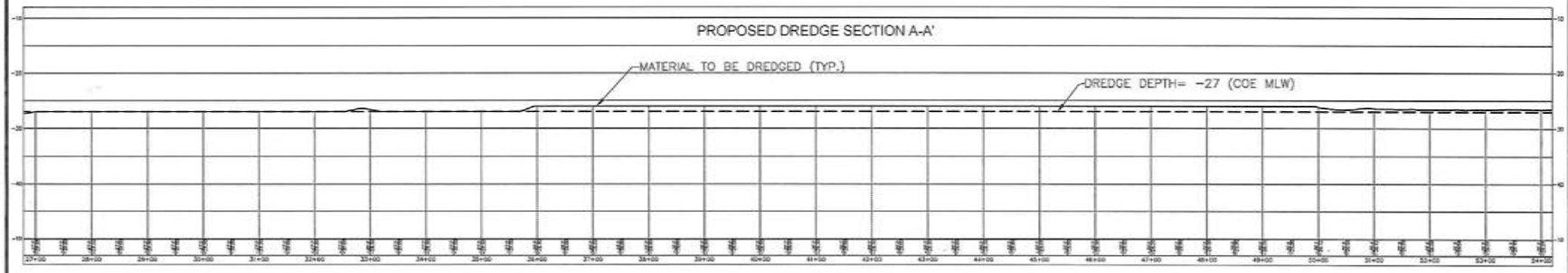

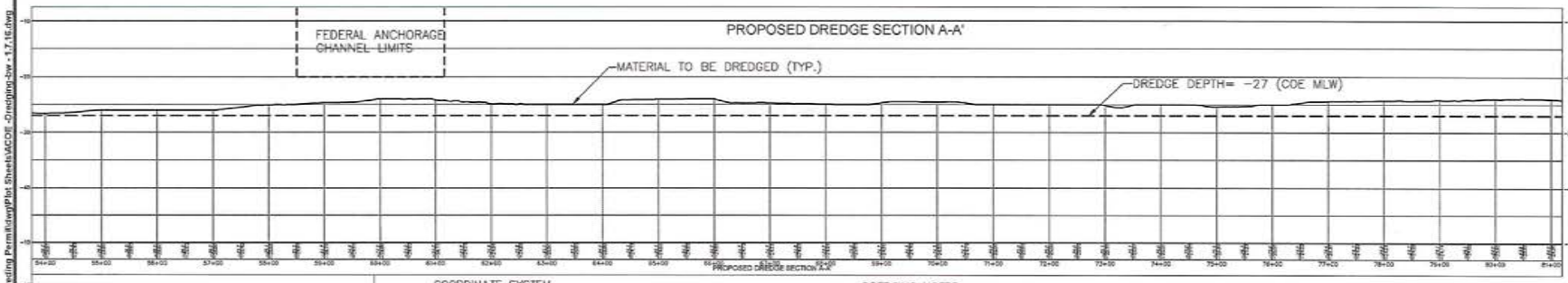

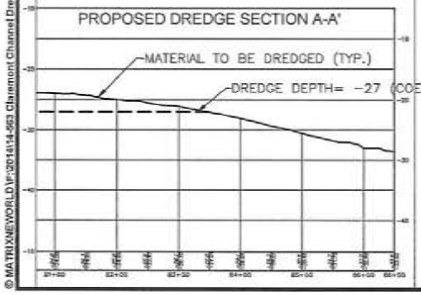

COORDINATE SYSTEM
HORIZONTAL DATUM: NAD 1983
VERTICAL DATUM: MLW

SURVEY NOTES
1. HYDROGRAPHIC SURVEY REFERENCE : SIMS METAL MANAGEMENT CLAREMONT CHANNEL MULTIBEAM SURVEY," DATED AUGUST 19, 2014. PREPARED BY ROGERS SURVEYING, P.C.
2. ELEVATIONS REFERENCED TO FEET BELOW MEAN LOW WATER

TIDAL ELEVATION

REFERS TO MLW AS FOLLOWS

SPRING HIGH WATER ELEVATION	4.90'
MEAN HIGH WATER	4.57'
NAVD 88	2.54'
MEAN LOW WATER	0.00'

DREDGING NOTES:

1. DREDGING IS TO BE CONDUCTED VIA MECHANICAL MEANS, USING AN ENVIRONMENTAL BUCKET. TO THE DEPTHS SHOWN HEREON (REFERENCED TO THE CORPS OF ENGINEERS MEAN LOW WATER DATUM).
2. THE APPROXIMATE TOTAL QUANTITY OF PROPOSED DREDGING, INCLUDING 2 FEET OF OVERDREDGE, IS 160,000 CUBIC YARDS.
3. DREGE MATERIAL SHALL BE DEWATERED ON BARGE AND TRANSPORTED TO AN NJDEP-APPROVED DREDGE PROCESSING FACILITY FOR AMENDMENT AND UPLAND DISPOSAL IN ACCORDANCE WITH AN NJDEP ACCEPTABLE USE DETERMINATION.
4. THIS IS A MAINTENANCE DREDGING PROJECT OF PREVIOUSLY DREDGED CHANNEL.

GRAPHIC SCALE
VERTICAL: 1 inch=30 feet
HORIZONTAL: 1 inch=300 feet

150 75 0 150 300 450

NO.	DESCRIPTION	DATE:	BY:	APR:
	REVISIONS			

DESIGNED BY: AR
REVIEWED BY: PC
RELEASED BY: AWR

ANDREW W. RAICHLE, P.E.
NEW JERSEY PROFESSIONAL ENGINEER
LICENSE NO. GE 41869

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11-03-2015
DATE

MATRIXNEWORLD
Engineering Progress

Matrix New World Engineering, Inc.
442 State Route 35, Second Floor
Eatontown, New Jersey 07724
WBE / DBE / SBE
NEW JERSEY CERTIFICATE OF AUTHORIZATION No. 24GA27962300
Tel: 732-588-2999
Fax: 973-240-1818
www.matrixneworld.com

DREDGING CROSS SECTIONS PLAN

PORTION OF CLAREMONT CHANNEL
SIMS CLAREMONT FACILITY
CITY OF JERSEY CITY
HUDSON COUNTY, NEW JERSEY

PROJECT NUMBER: 14-563
DATE: 1-7-2016
SCALE: AS NOTED

SHEET 11 OF 12

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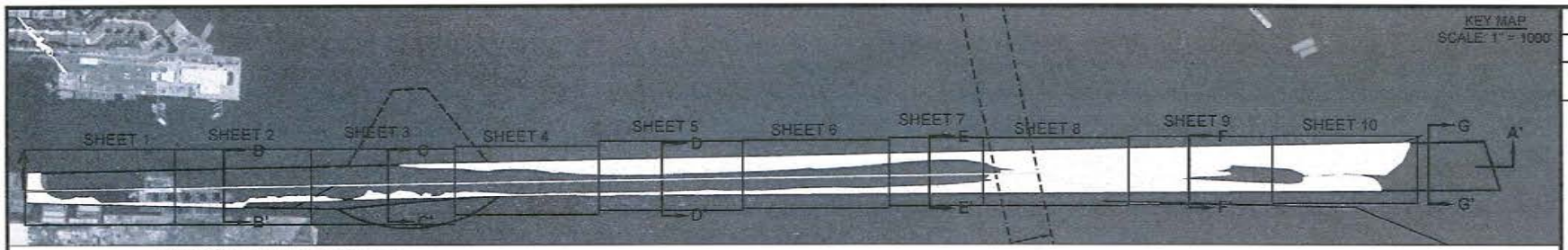
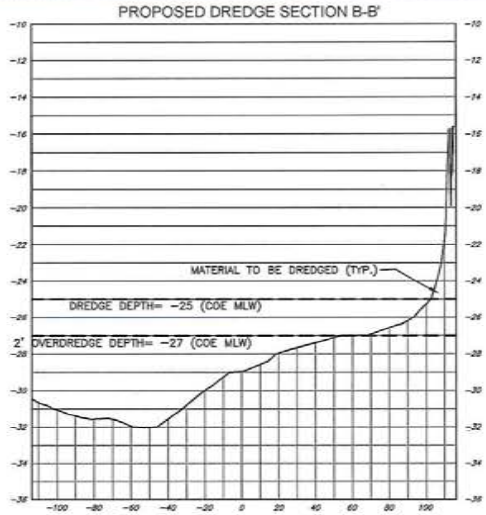
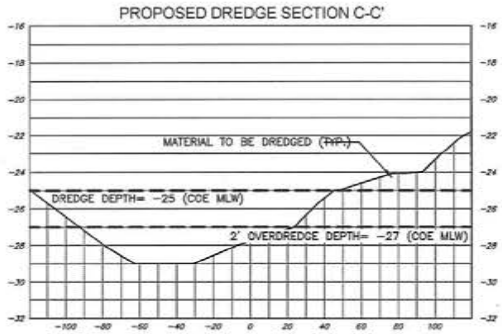


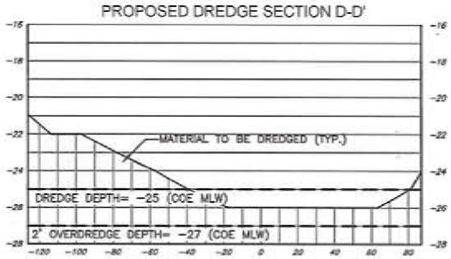
PROPOSED DREDGE SECTION B-B'



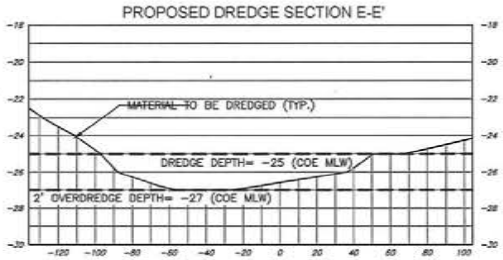
PROPOSED DREDGE SECTION C-C'



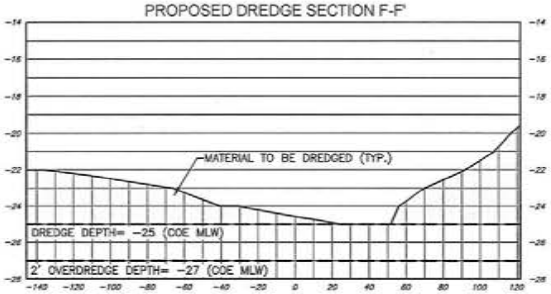
PROPOSED DREDGE SECTION D-D'



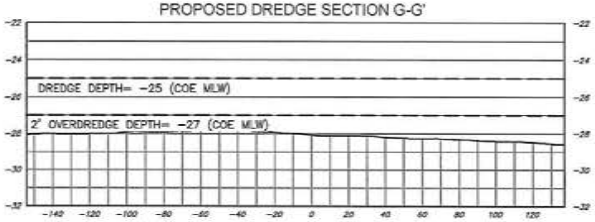
PROPOSED DREDGE SECTION E-E'



PROPOSED DREDGE SECTION F-F'



PROPOSED DREDGE SECTION G-G'



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COORDINATE SYSTEM

HORIZONTAL DATUM: NAD 1983
VERTICAL DATUM: MLW

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MEAN HIGH WATER	4.57'
NAVD 88	2.54'
MEAN LOW WATER	0.00'

50 25 0 50 100 150

GRAPHIC SCALE

VERTICAL: 1 inch=10 feet
HORIZONTAL: 1 inch=100 feet

NO.	DESCRIPTION	DATE:	BY:	APR:

REVISIONS

DESIGNED BY: AR
REVIEWED BY: PC
RELEASED BY: AWR

ANDREW W. RAICHLE, P.E.
NEW JERSEY PROFESSIONAL ENGINEER
LICENSE NO. GE 41889

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11-03-2015
DATE

MATRIXNEWORLD
Engineering Progress

Matrix New World Engineering, Inc.
442 State Route 35, Second Floor
Eatontown, New Jersey 07724
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NEW JERSEY CERTIFICATE OF AUTHORIZATION No. 24GA2796200

DREDGING CROSS SECTIONS PLAN

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SIMS CLAREMONT FACILITY
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HUDSON COUNTY, NEW JERSEY

PROJECT NUMBER: 14-563
DATE: 1-7-2016
SCALE: AS NOTED

SHEET 12 OF 12

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