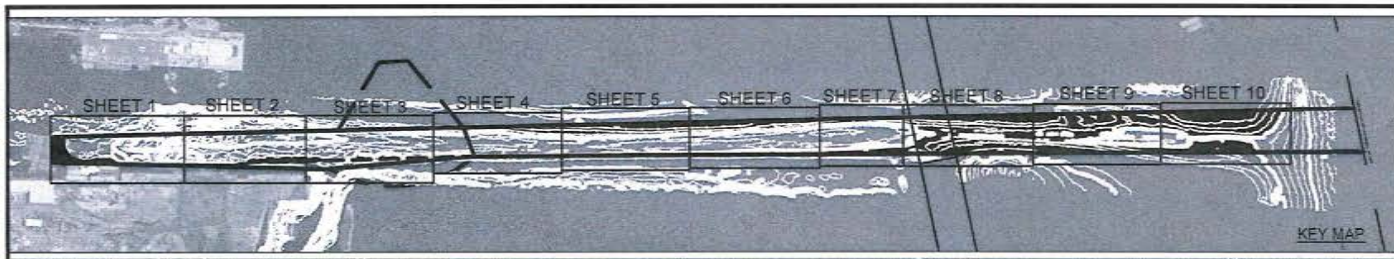

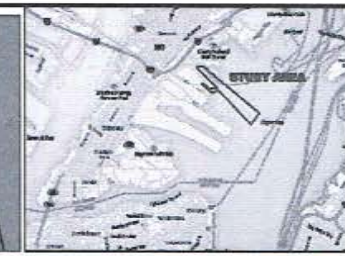

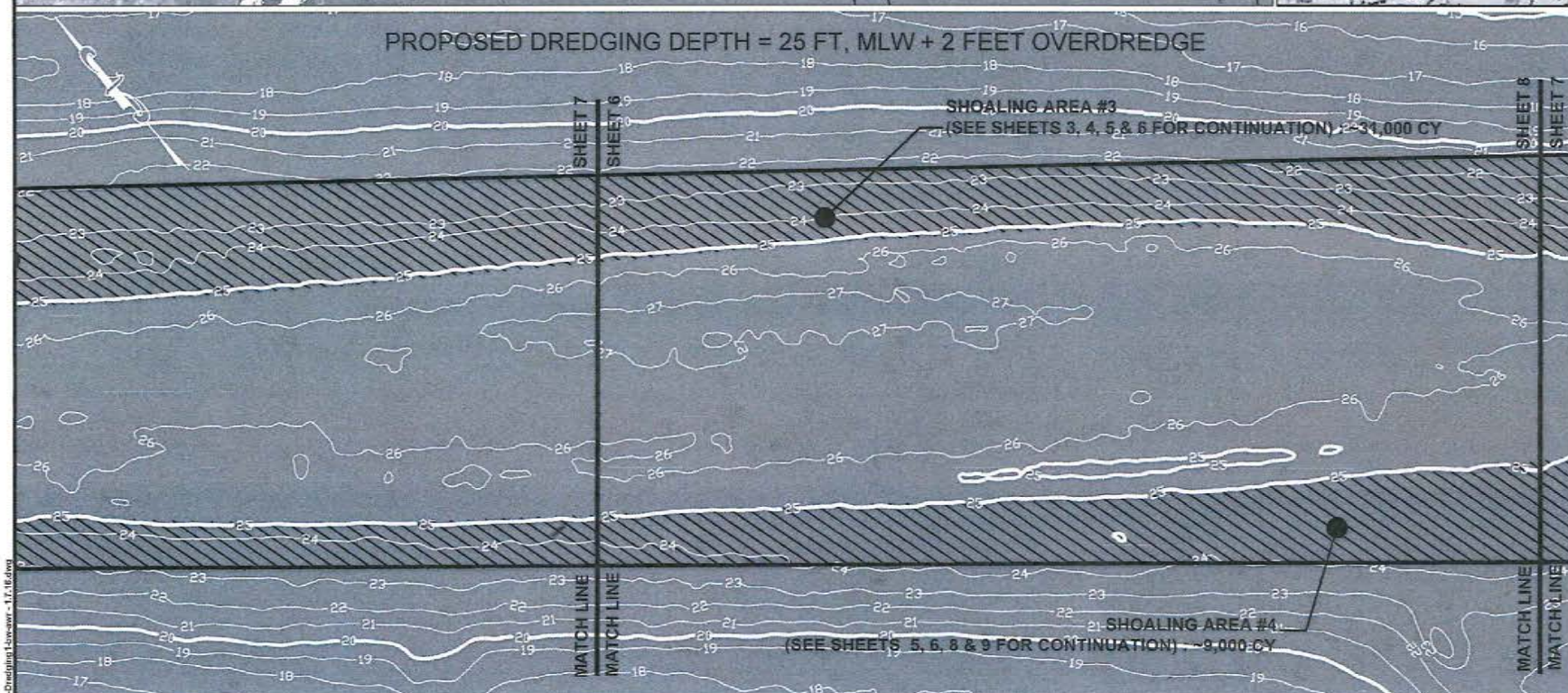

COORDINATE SYSTEM

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.

DREDGING SUMMARY

DREDGE AREA	DREDGE ELEVATION (REFERS TO CORPS OF ENGINEERS MLW)	DREDGE QUANTITY
SHOALING AREA #1	−25 FT +2 FT OVERDREDGE	8,000 CUBIC YARDS
SHOALING AREA #2	−25 FT +2 FT OVERDREDGE	7,000 CUBIC YARDS
SHOALING AREA #3	−25 FT +2 FT OVERDREDGE	31,000 CUBIC YARDS
SHOALING AREA #4	−25 FT +2 FT OVERDREDGE	9,000 CUBIC YARDS
SHOALING AREA #5	−25 FT +2 FT OVERDREDGE	105,000 CUBIC YARDS
TOTAL DREDGING PROPOSED:		160,000 CUBIC YARDS

50 25 0 50 100 150

GRAPHIC SCALE
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

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Engineering Progress

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NEW JERSEY CERTIFICATE OF AUTHORIZATION No. 24GA27962300
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MAINTENANCE DREDGING 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 7 OF 12

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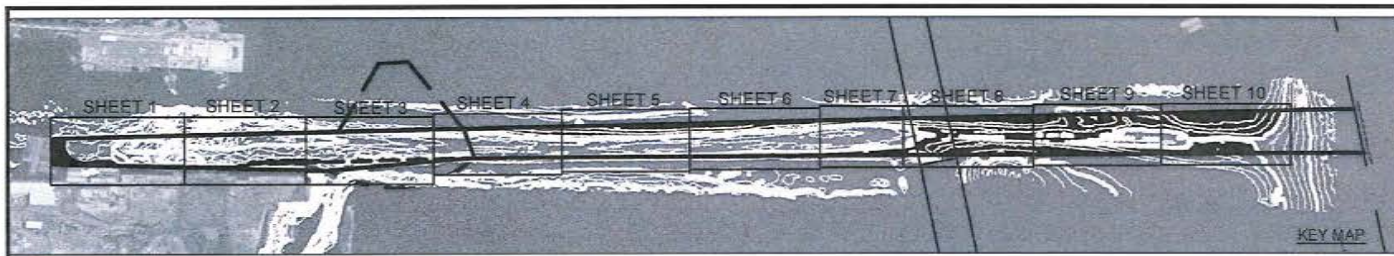

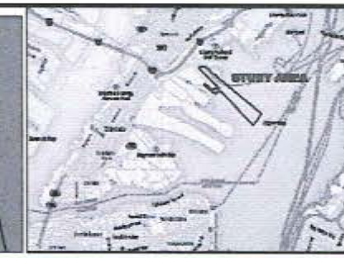

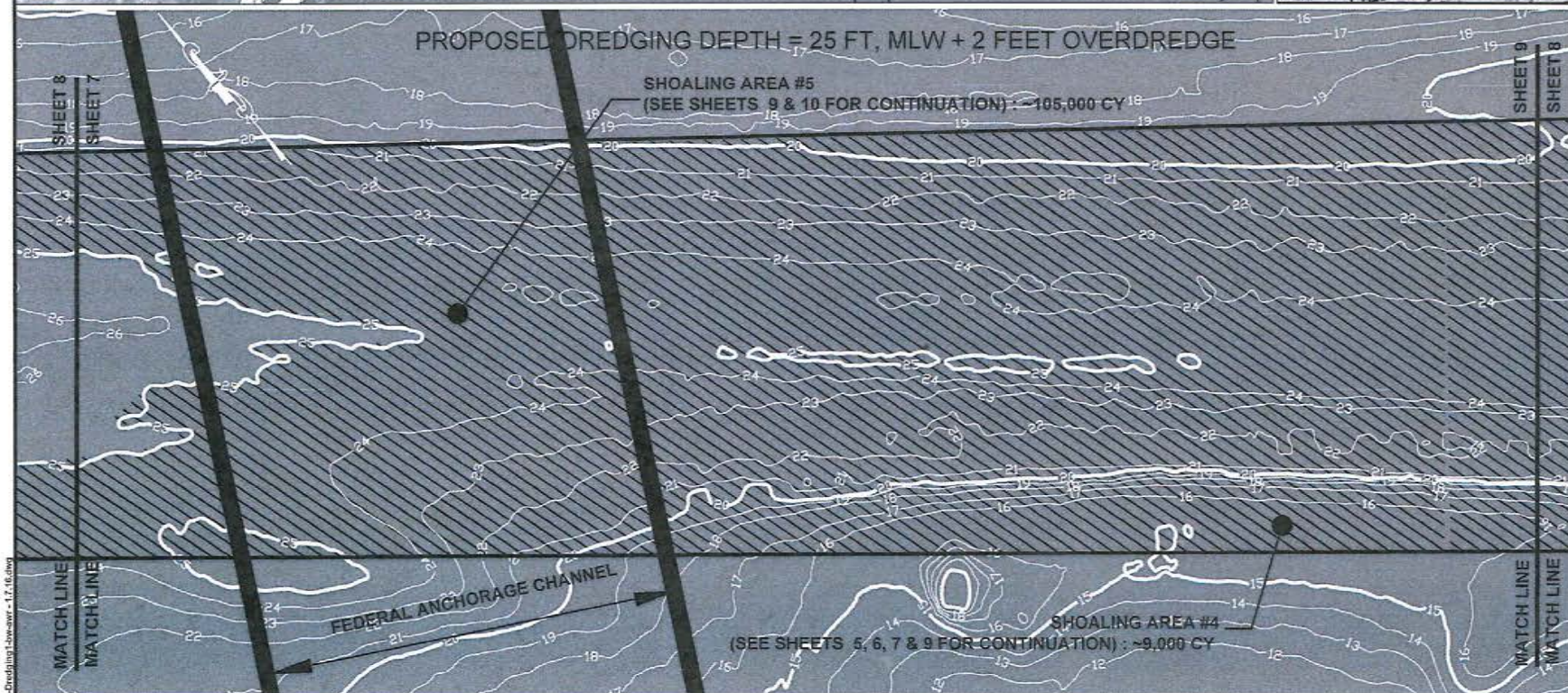

COORDINATE SYSTEM

HORIZONTAL DATUM: NAD 1983
VERTICAL DATUM: MLW

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50 25 0 50 100 150

GRAPHIC SCALE
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REVISIONS

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

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11-03-2015
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MAINTENANCE DREDGING 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 8 OF 12

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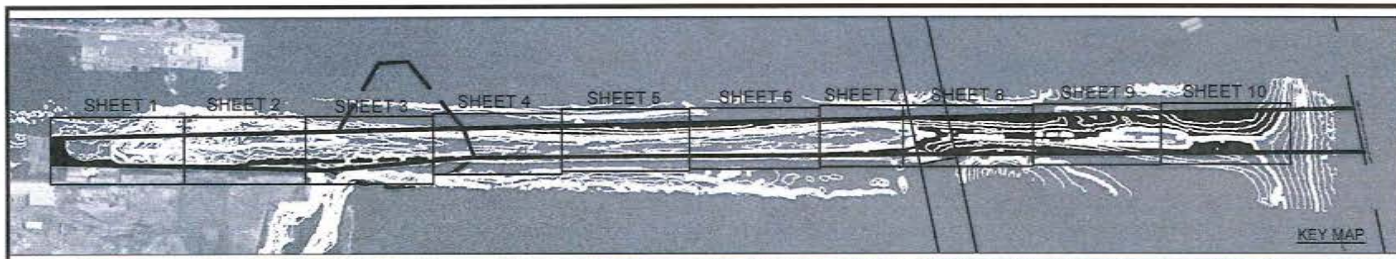

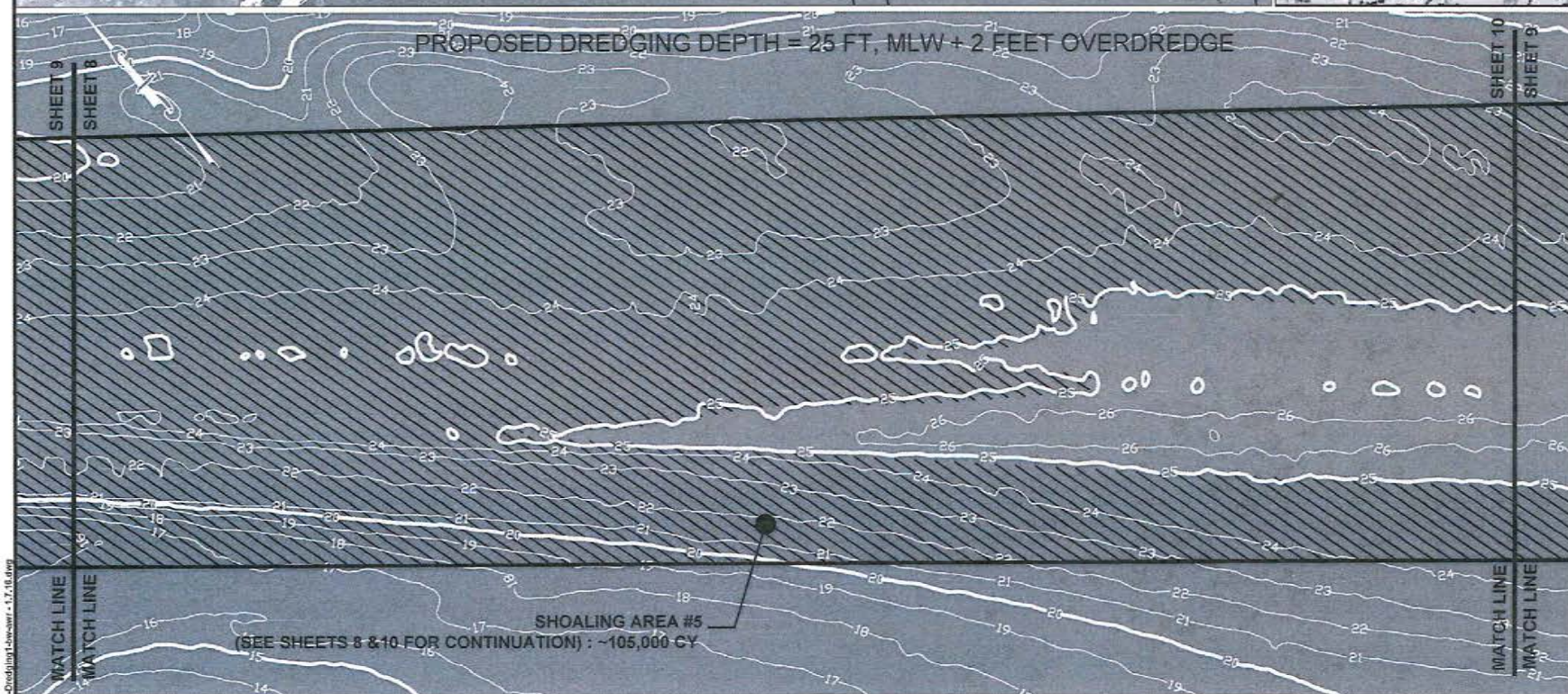

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50 25 0 50 100 150

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RELEASED BY: AWR

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MAINTENANCE DREDGING 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 9 OF 12

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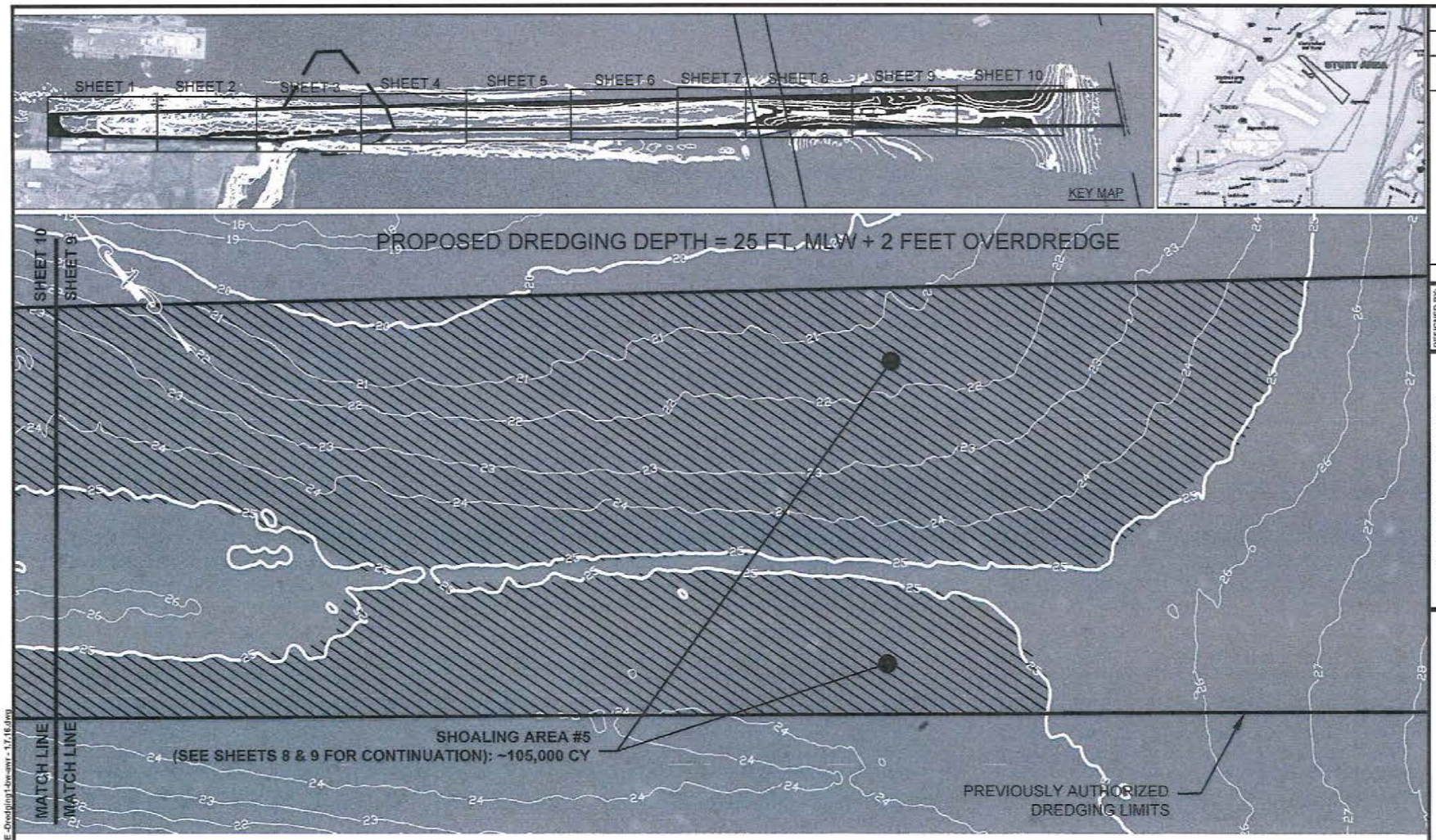

COORDINATE SYSTEM

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REVISIONS

DESIGNED BY: AIR
REVIEWED BY: PC
RELEASED BY: AWR

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MAINTENANCE DREDGING PLAN

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

PROJECT NUMBER: 14-563

DATE: 1-7-2016

SCALE: AS NOTED

SHEET 10 OF 12

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