

LOCATION MAP

N

NEW JERSEY

JERSEY CITY

BATTERY

BROOKLYN

ASTORIA

LONG ISLAND CITY

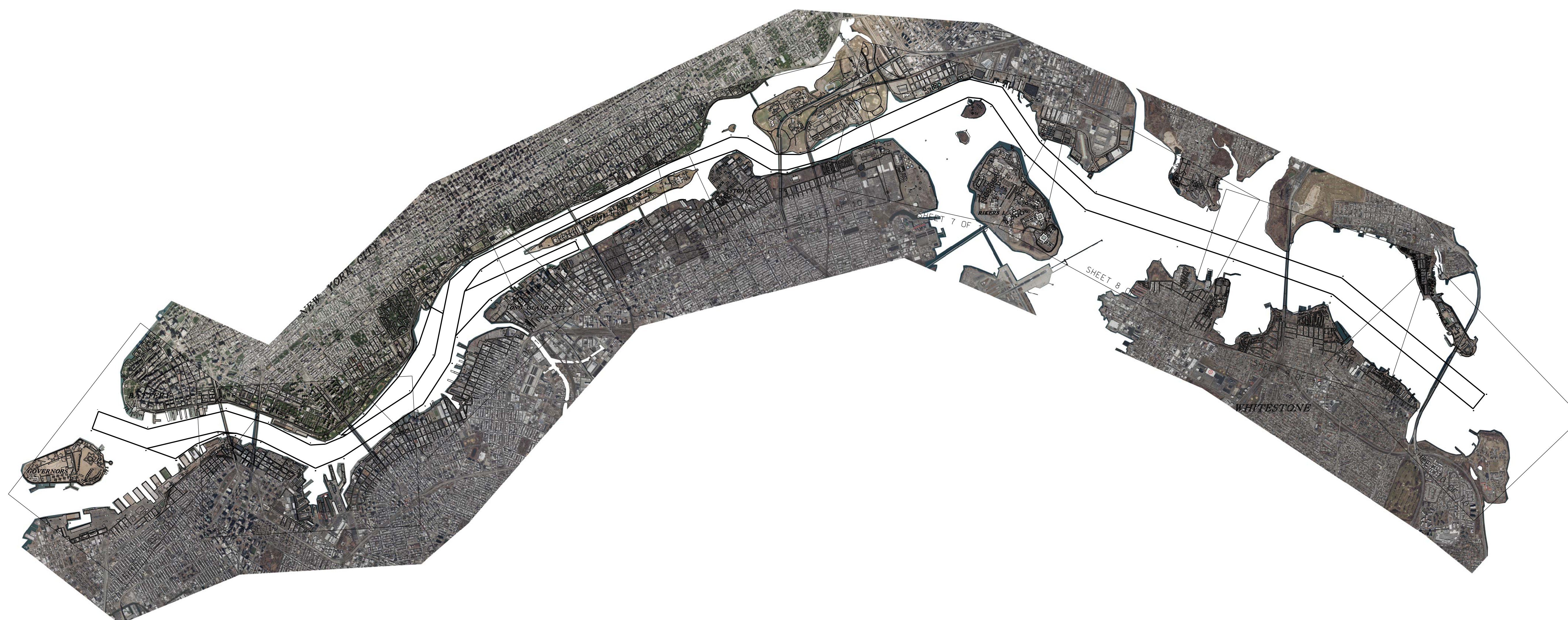
WHITESTONE

THROGS NECK

NEW YORK

15000 0 15000 30000

GRAPHIC SCALE

[illegible]

[illegible]

SCALE: ONE INCH = 300 FEET	FIELD BOOKS: <u>1021-1027</u>
17 NOVEMBER 2016-30 JANUARY 2017	
FILE NO.: 191 REQUEST NO.: 45420/M/MS	

APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE LEAD CADD/DWGNG
APPROVED: J. MRAZ SENIOR CHIEF OF SURVEY
DATE: 8 FEBRUARY 2017

NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

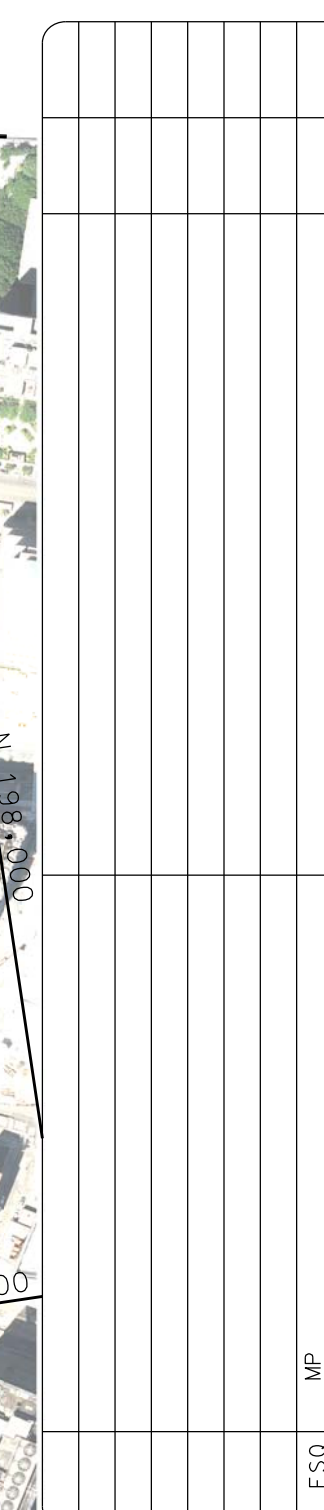
EAST RIVER, NEW YORK
BATTERY TO
THROGS NECK BRIDGE
CONDITION SURVEY

VH-102

SHEET 2 OF 10

2/D/N1/N3





	SCALE: ONE INCH = 300 FEET	DATES OF SURVEY: 17 NOVEMBER 2016–30 JANUARY 2017
	FIELD BOOKS: 1021+1027	FILE NO.: 191 REFERENCE:

APPROVED: D. SMITH
FIELD SUPERVISOR

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
LISE C4010000406

APPROVED: J. MRAZ
SENIOR CHIEF OF SURVEY

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

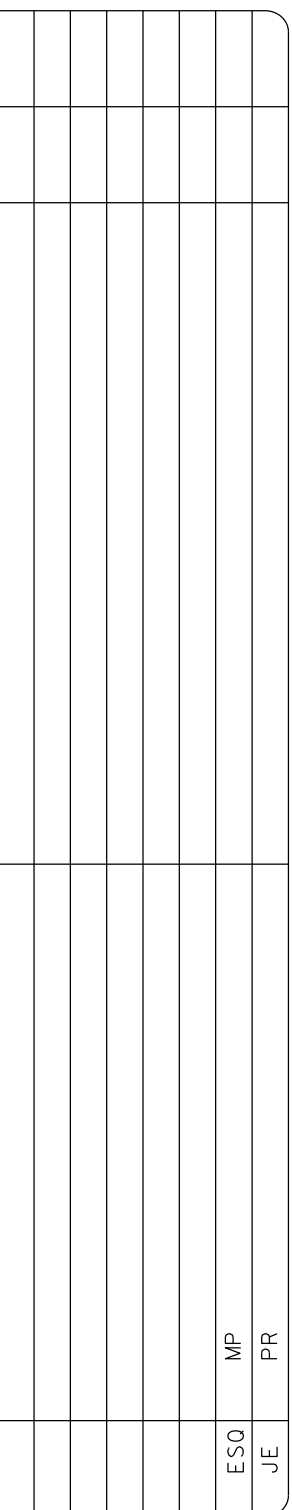
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

EAST RIVER, NEW YORK
BATTERY TO
THROGS NECK BRIDGE
CONDITION SURVEY

VH-102

SHEET 2 OF 10

191
4542/D/N1/N3



FILE NO.: 191
REQUEST NO.: 4542/O/M/N/S

SCALE:
ONE INCH = 300 FEET

FIELD BOOKS:
1021.1027

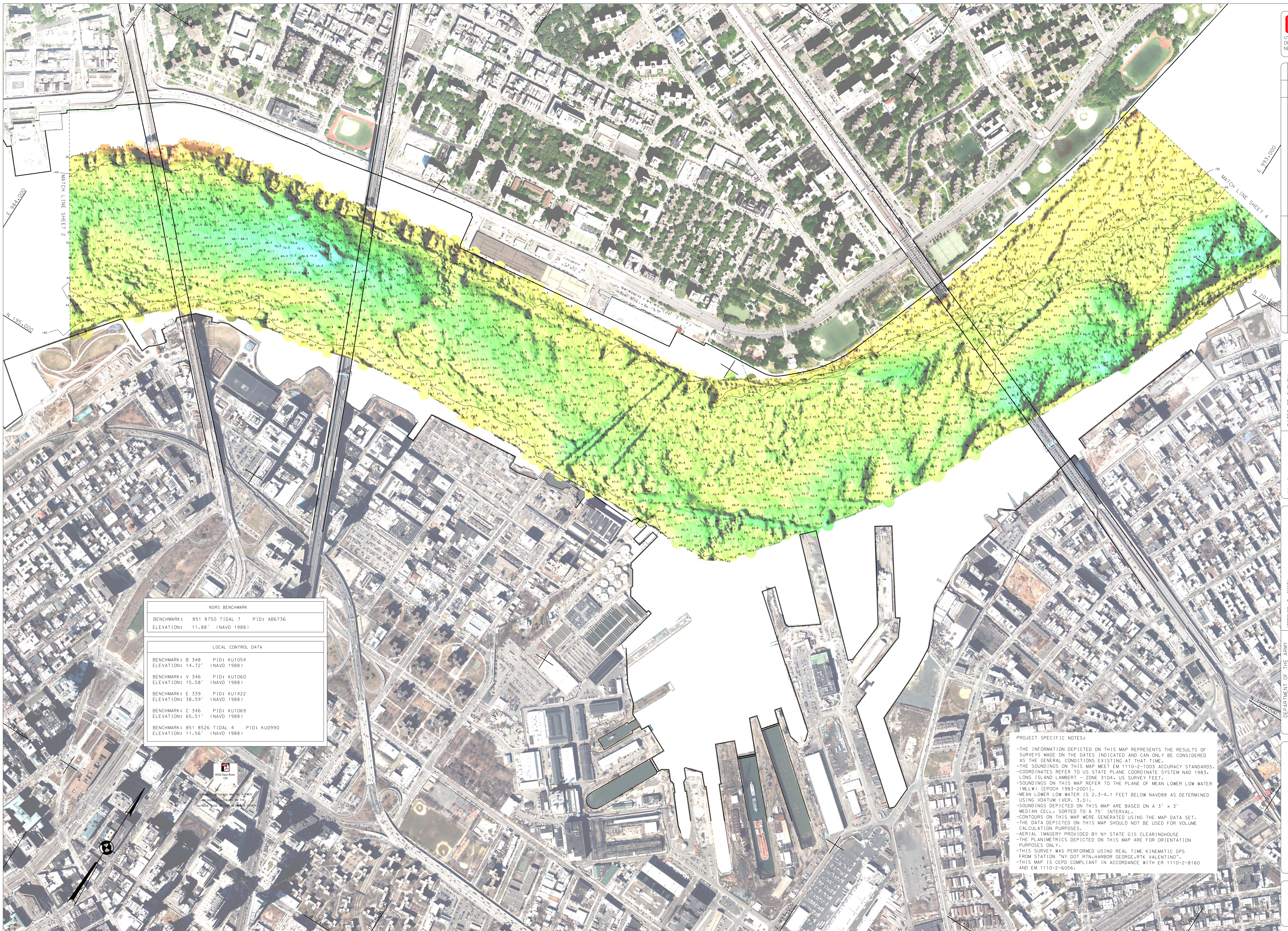
APPROVED: D. SMITH	FILE: C1040492
APPROVED: M. FORTE	
CIVIL ENGINEERING DIVISION	
APPROVED: D. CLARKE	FILE: C1040492
OPERATIONS DIVISION	
SUPPLY SECTION	
CENAN-OP-S	
DATE: 8 FEBRUARY 2017	
DEPT. CHIEF OF STAFF	

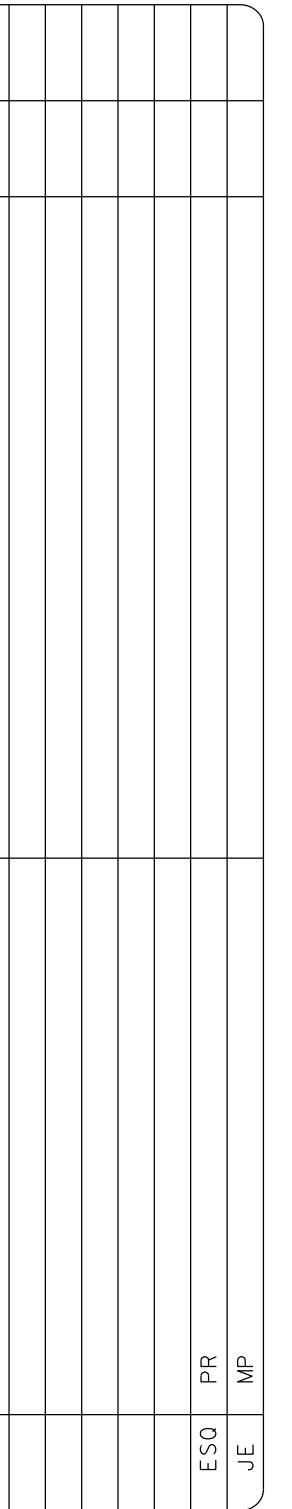
EAST RIVER, NEW YORK
BATTERY TO
THROGS NECK BRIDGE
CONDITION SURVEY

VH-103

SHEET 3 OF 10

E: 191
12/D/N1/N3





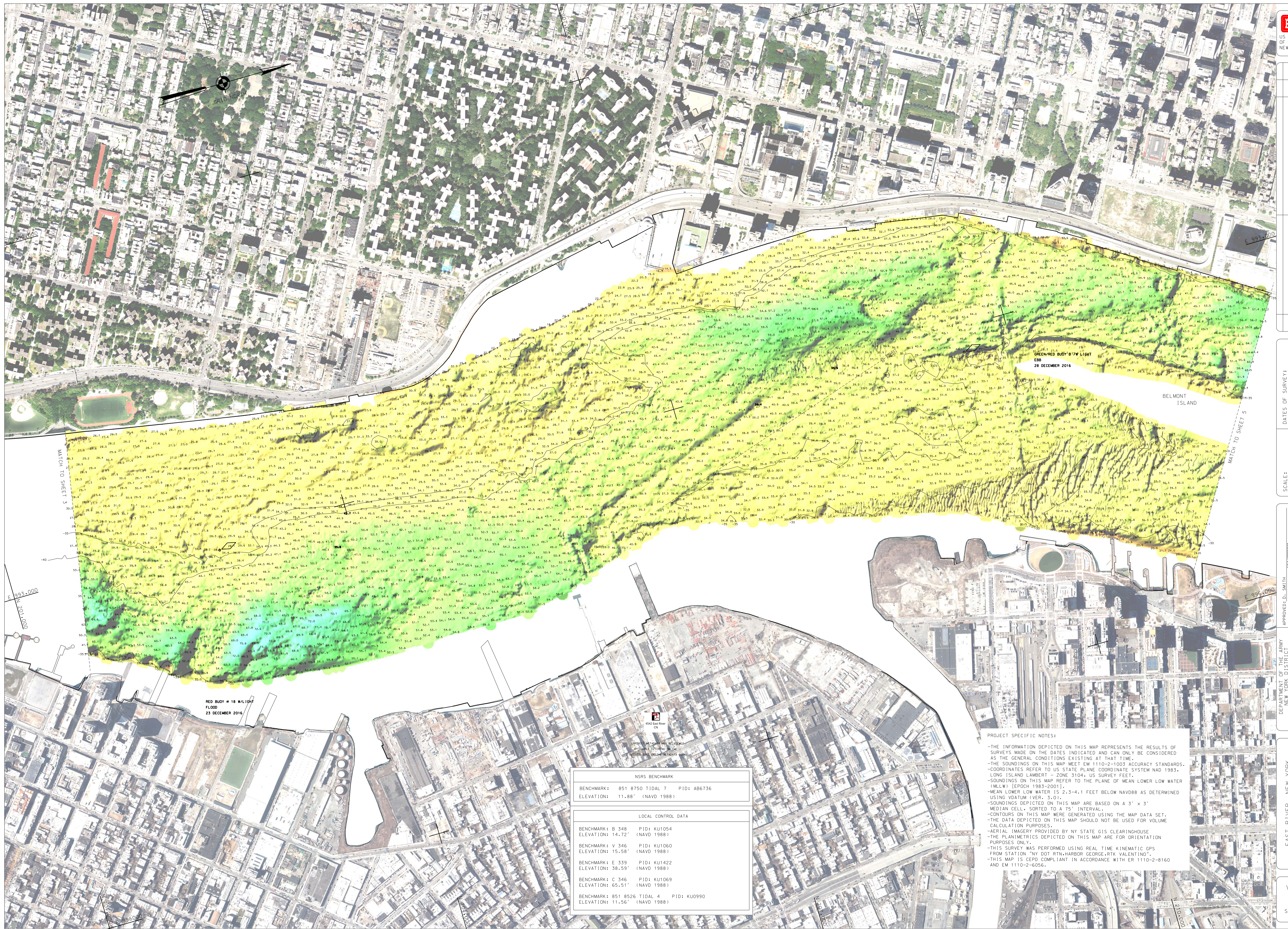
ONE INCH = 300 FEET

FIELD BOOKS:

1021, 2027

CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

5

: 191
/D/N1/N3



SCALE: ONE INCH = 300 FEET	DATES OF SURVEY: 17 NOVEMBER 2016-30 JANUARY 2017
FIELD BOOKS: 1021-1027	FILE NO.: 191 REFERENCE:

APPROVED: D. SMITH
FIELD ENGINEER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
LISE CDR 55092426

APPROVED: J. MRAZ
CHIEF OF STAFF

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

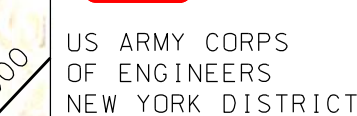
AST RIVER • NEW YORK
BATTERY TO
THROGS NECK BRIDGE
CONDITION SURVEY

VH-105

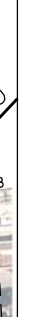
SHEET 5 OF 10

FILE: 191
4542/D/N1/N3



[illegible]

SCALE: ONE INCH = 300 FEET	DATES OF SURVEY: 17 NOVEMBER 2016-30 JANUARY 2017
FIELD BOOKS: 1021, 1027	FILE NO.: 191 REQUEST NO.: 6542/01/N/3

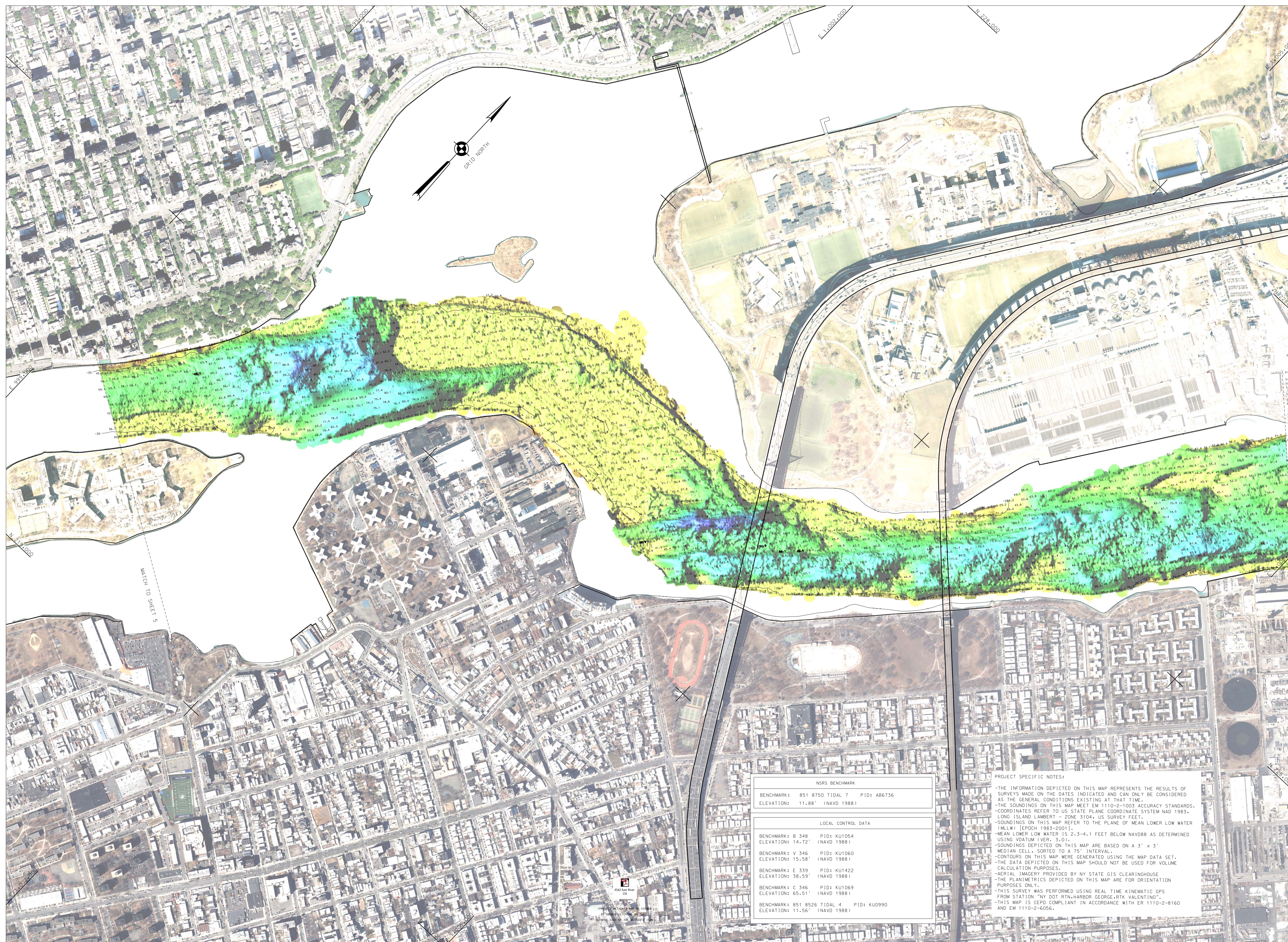
	DEPARTMENT OF THE ARMY NEW YORK DISTRICT CORPS OF ENGINEERS NEW YORK • NEW YORK 10278	APPROVED: <u>D. SMITH</u> APPROVED: <u>M. FORTE</u> APPROVED: <u>D. CLARKE</u> APPROVED: <u>J. MAZ</u> DATE: <u>8 FEBRUARY 2012</u>	FIELD COMMANDER CIVIL ENGINEERING SECTION LIAISON OFFICER CHIEF OF GANT
	OPERATIONS DIVISION		
	SURVEY SECTION		
	CEVAN-QP-S		

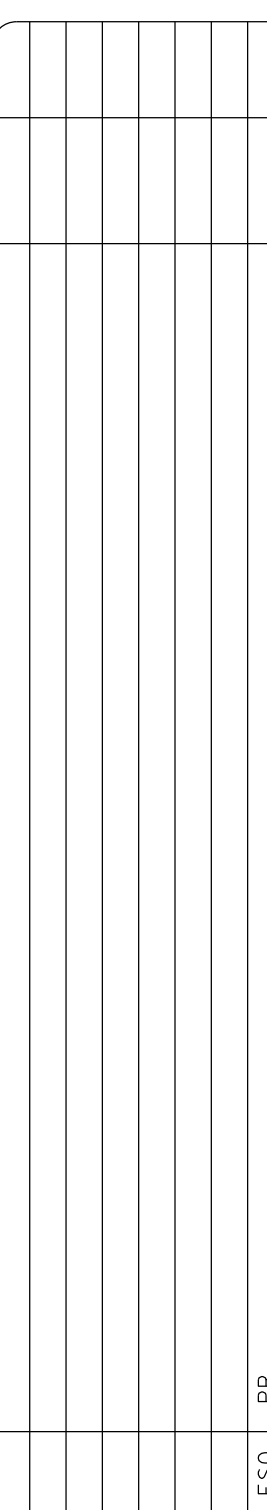
EAST RIVER, NEW YORK
BATTERY TO
THROGS NECK BRIDGE
CONDITION SURVEY

VH-106

SHEET 6 OF 10

FILE NO.:191
REQUEST NO.:4542/D/N1/N.





DATES OF SURVEY:
 10 NOVEMBER 2016-30 JANUARY 2017
 FILE NO.: 191

SCALE:
ONE INCH = 300 FEET

FIELD BOOKS:
858

APPROVED: D. SMITH
FIELD ENGINEER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
LEAD CARTOGRAPHER

APPROVED: J. MPAZ
PROJECT MANAGER

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

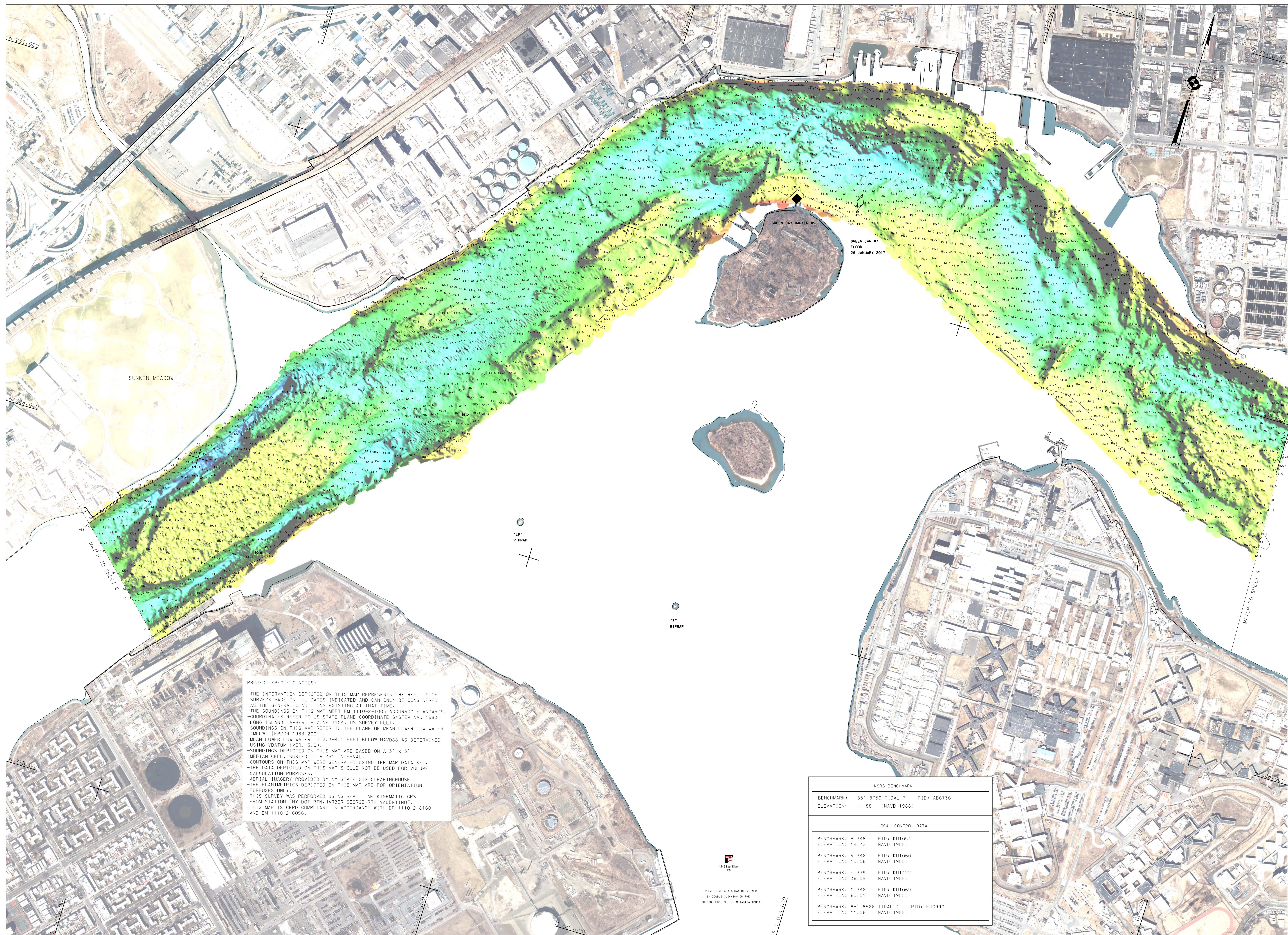
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

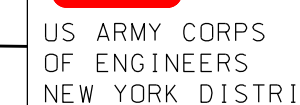
AST RIVER, NEW YORK
BATTERY TO
THROGS NECK BRIDGE
CONDITION SURVEY

VH-107

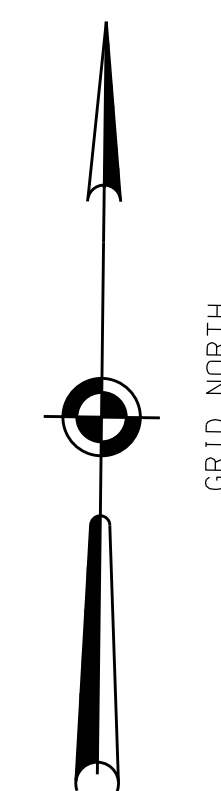
SHEET 7 OF 1

FILE NO.:191
REQUEST NO.:4542/D/M





N 234,000



GRID NORTH

.....

156

.....

ELIF NO. 191

LINE INCH = 300 FT

1021.1027

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNOLOGIAN

APPROVED: J. MRAZ
LEADS COUNCILMANSHIP

DEPARTMENT OF THE ARMY

NEW YORK, NEW YORK 10277

SURVEY SECTION
CENANLOS

Public Health

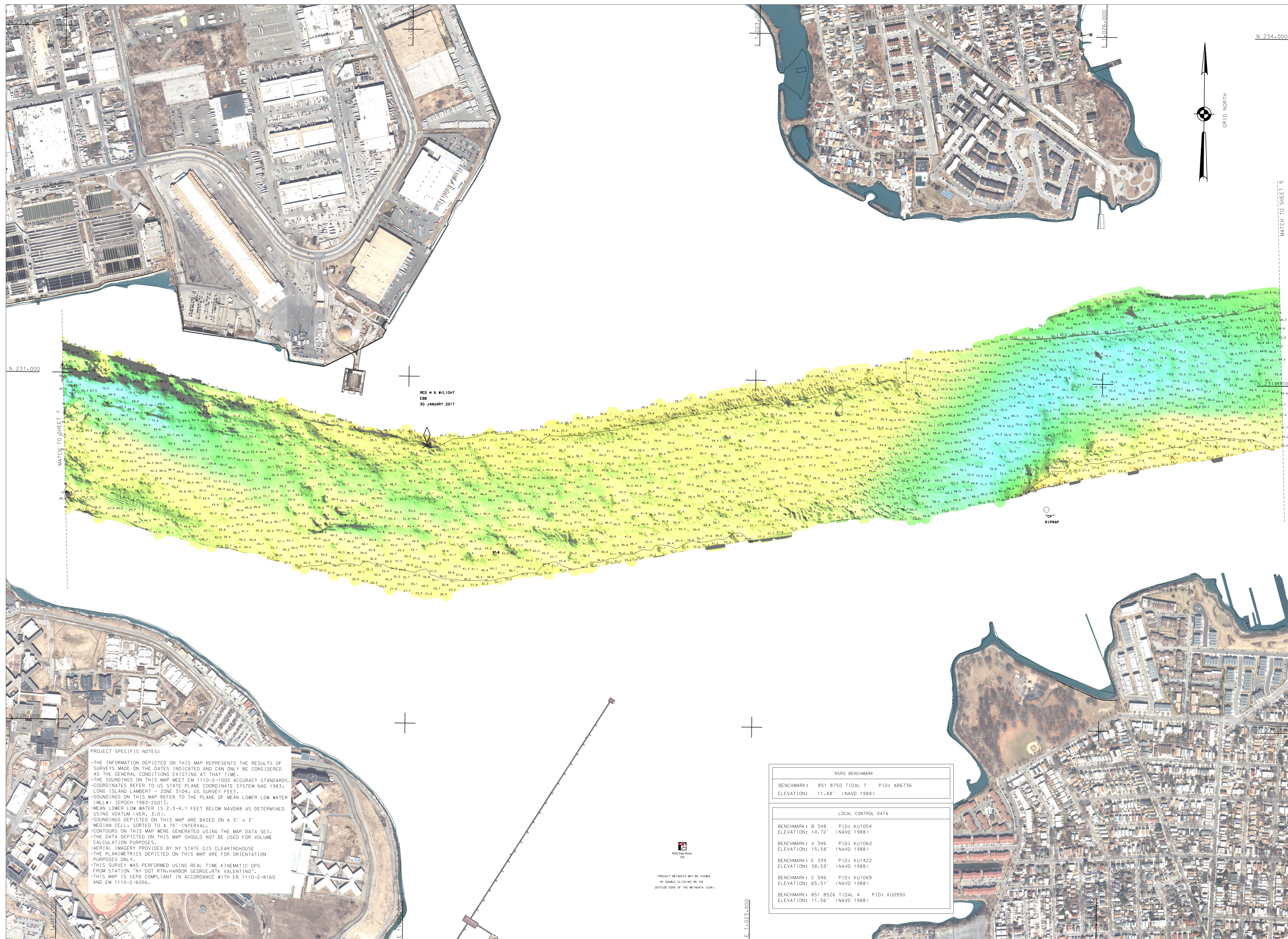
BATTERY TO

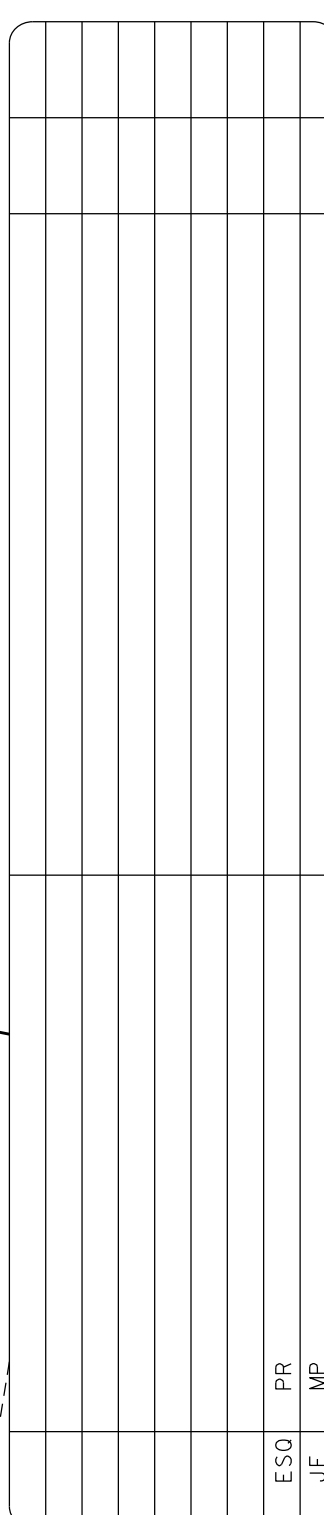
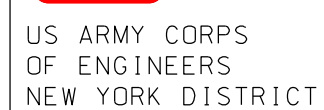
CONDITION SURVEY

VH-108

SHEET 8 OF 1

FILE NO.:191
REQUEST NO.:4542/D/M





FILE NO.: 191
REQUEST NO.: 4542/O/M/NS

SCALE:
ONE INCH =

FIELD BOOK
1021.1027

APPROVED: D. SMITH
FIELD ENGINEER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
LEAD CARTOGRAPHER

APPROVED: J. MRAZ
SENIOR CHIEF OF SURVEY

DATE: 8 FEBRUARY 2017

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10270

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

EAST RIVER, NEW YORK
BATTERY TO
THROGS NECK BRIDGE
CONDITION SURVEY

VH-109

SHEET 9 OF 10

FILE NO.: 191
REQUEST NO.: 4542/D/N1/

[illegible]

SCALE: ONE INCH = 300 FEET FIELD BOOKS: 1921-1927 _____ _____ _____	DATES OF SURVEY: 17 NOVEMBER 2016-30 JANUARY 2017
FILE NO.: 191 REQUEST NO.: 4542/D/N/A/3	

APPROVED: D. SMITH FIELD SUPERVISOR

APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE LTR 2010097406

APPROVED: J. MRAZ DESIGN OFFICER 150601

DATE: 8 FEBRUARY 2017

NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

EAST RIVER, NEW YORK
BATTERY TO
THROGS NECK BRIDGE
CONDITION SURVEY

VH-110

SHEET 10 OF 10

QUEST NO.: 4542/D/N1/N3

