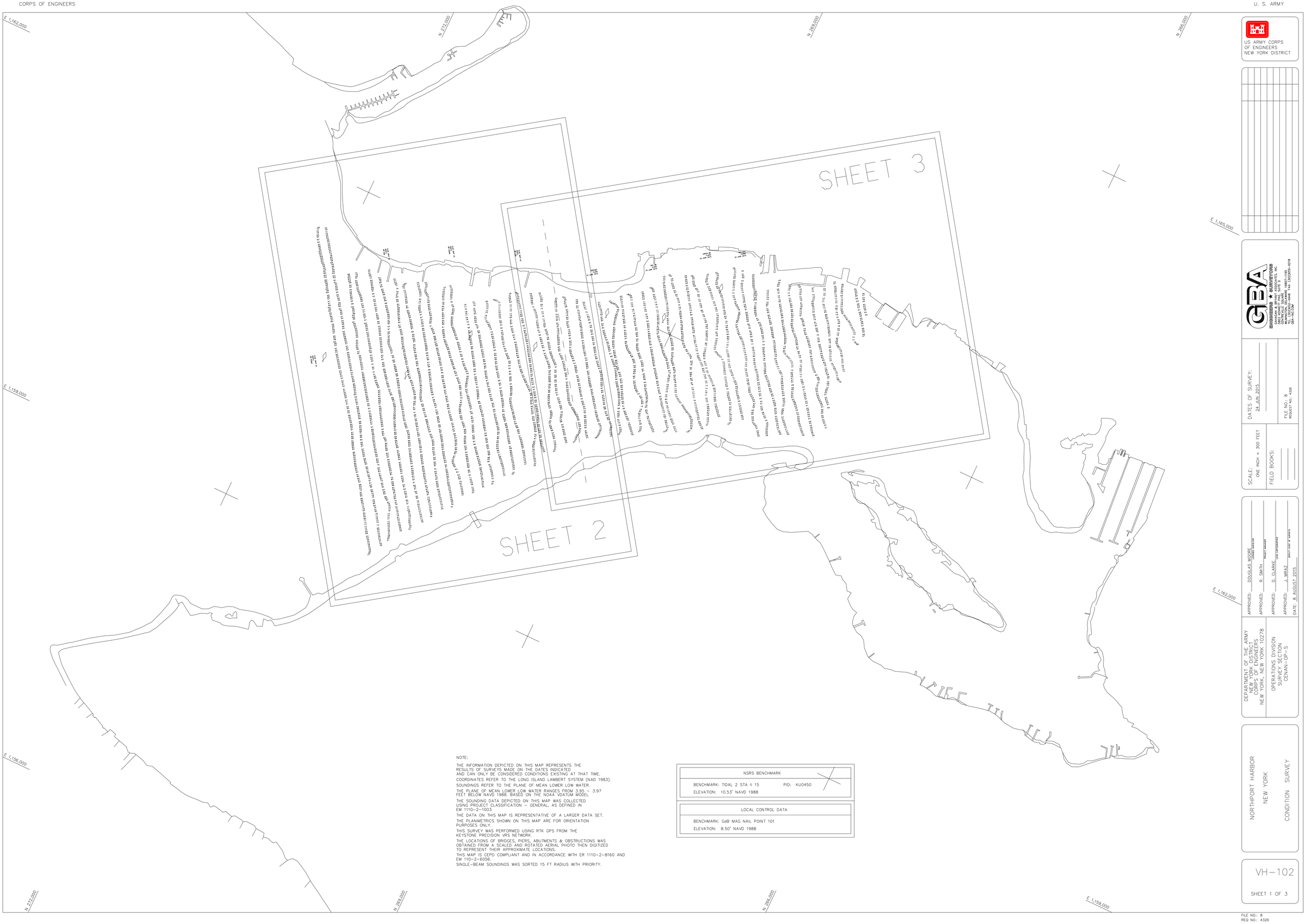
CORPS OF ENGINEERS

U. S. ARMY



NOTE:

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COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983).

SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER.

THE PLANE OF MEAN LOWER LOW WATER RANGES FROM 3.95 – 3.97 FEET BELOW NAVD 1988. BASED ON THE NOAA VDATUM MODEL

THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION – GENERAL, AS DEFINED IN EM 1110-2-1003.

THE DATA ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.

THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.

THIS SURVEY WAS PERFORMED USING RTK GPS FROM THE KEYSTONE PRECISION VRS NETWORK.

THE LOCATIONS OF BRIDGES, PIERS, ABUTMENTS & OBSTRUCTIONS WAS OBTAINED FROM A SCALED AND ROTATED AERIAL PHOTO THEN DIGITIZED TO REPRESENT THEIR APPROXIMATE LOCATIONS.

THIS MAP IS CEPD COMPLIANT AND IN ACCORDANCE WITH ER 1110-2-8160 AND EM 110-2-6056.

SINGLE-BEAM SOUNDINGS WAS SORTED 15 FT RADIUS WITH PRIORITY.

NSRS BENCHMARK	
BENCHMARK: TIDAL 2 STA II 15	PID: KU0450
ELEVATION: 10.53' NAVD 1988	

LOCAL CONTROL DATA
BENCHMARK: GdB MAG NAIL POINT 101
ELEVATION: 8.50' NAVD 1988

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

GBA
ENGINEERS ★ SURVEYORS
GARRAHAN & BRUNO ASSOCIATES, INC.
5805 KONKET PKWY, SUITE D
WEST BLOOMFIELD, MICHIGAN 48324
TEL: (248)626-4448 FAX: (248)855-9218
GBA-INC.COM

DATES OF SURVEY: 24 JUN 2015

SCALE: ONE INCH = 300 FEET

FIELD BOOKS:

FILE NO. 8
REQUEST NO. 4326

APPROVED: DOUGLAS MOORE — CHIEF, OPERATIONS DIVISION
APPROVED: R. SMITH — PROJECT MANAGER
APPROVED: D. CLARKE — GBA CHAIRPERSON
APPROVED: J. MIRAZ — SENIOR CHIEF OF SURVEYS
DATE: 8 AUGUST 2015

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NORTHPORT HARBOR
NEW YORK
CONDITION SURVEY

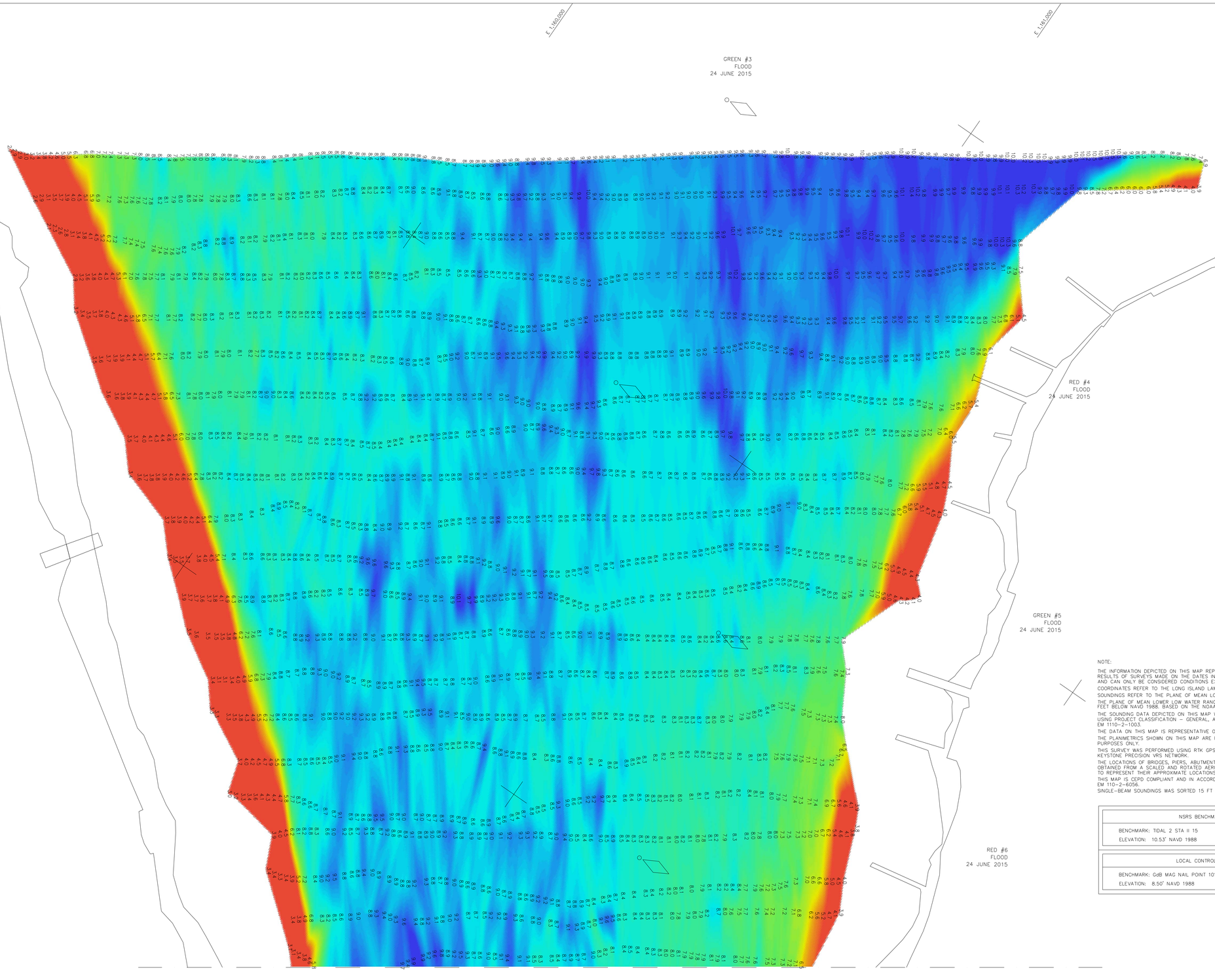
VH-102

SHEET 1 OF 3

FILE NO.: 8
REQ NO.: 4326

CORPS OF ENGINEERS

U. S. ARMY



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ELEVATION: 10.53' NAVD 1988	

LOCAL CONTROL DATA
BENCHMARK: GdB MAG NAIL POINT 101
ELEVATION: 8.50' NAVD 1988

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

GBA
ENGINEERS ★ SURVEYORS
GEOMATICS BUSINESS ASSOCIATES, INC.
5845 KONNER PKWY.
WEST BLOOMFIELD, MI 48323
TEL: (248) 626-4448 FAX: (248) 626-4455
GBA-INC.COM

DATES OF SURVEY:
24 JUN 2015

FILE NO. 8
REQ NO.: 4326

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: DOUGLAS MOORE
PROJECT MANAGER, GEOMATICS BUSINESS ASSOCIATES
APPROVED: R. SMITH
PROJECT MANAGER
APPROVED: D. CLARKE
CHIEF, OPERATIONS DIVISION
APPROVED: J. MIRAZ
CHIEF, CHIEF OF SURVEYS
DATE: 18 AUGUST 2015

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NORTHPORT HARBOR
NEW YORK
CONDITION SURVEY

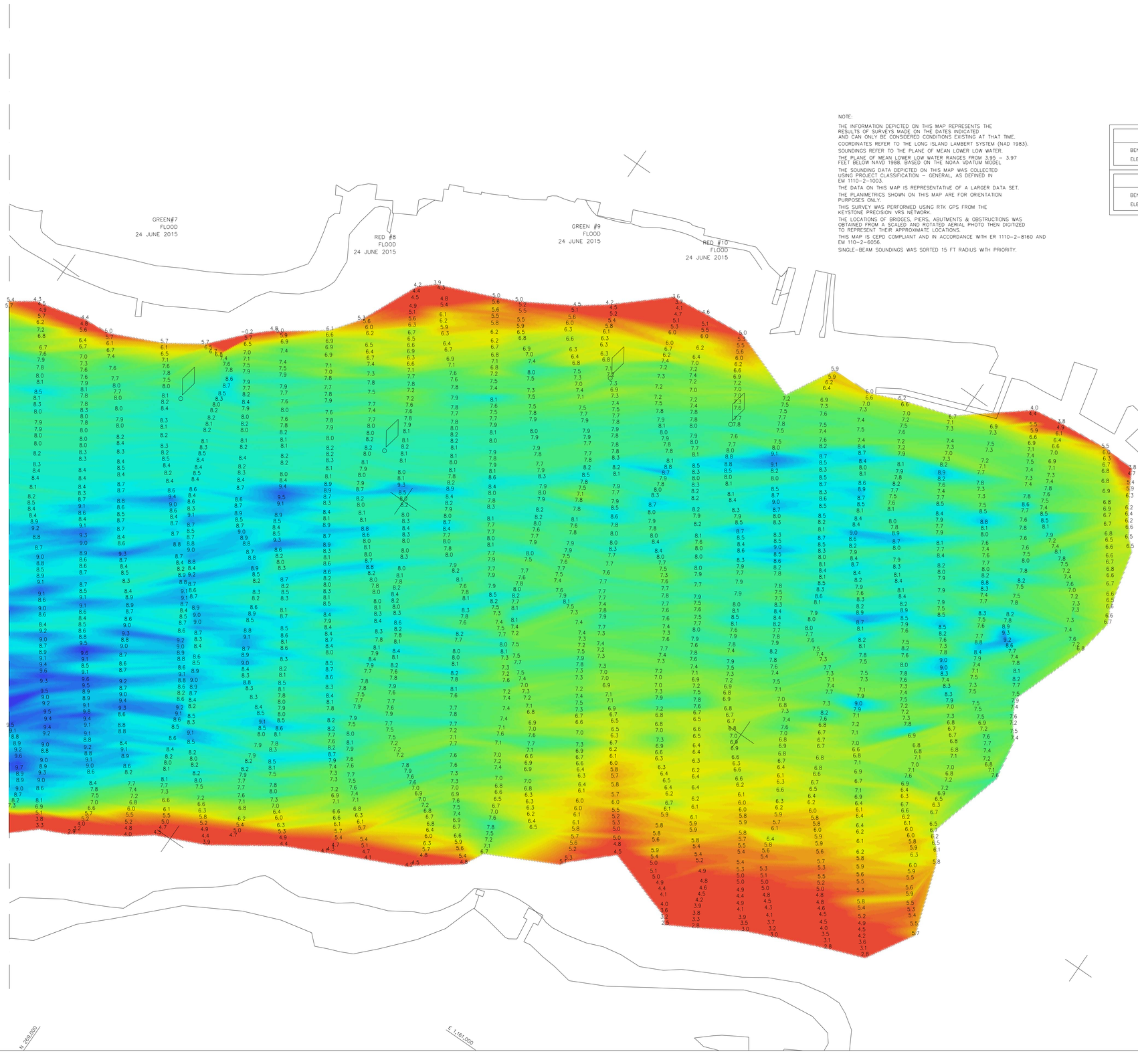
VH-102

SHEET 2 OF 3

FILE NO.: 8
REQ NO.: 4326

CORPS OF ENGINEERS

U. S. ARMY



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5965 KONKET PKWY, SUITE D
BUILDING 2000, BLOOMINGTON, MN
TEL: (952)922-4448 FAX: (952)955-9218
GBA-INC.COM

DATES OF SURVEY:
24 JUN 2015

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

FILE NO. 8
REQUEST NO. 4326

APPROVED: DOUGLAS MOORE
CHIEF, OPERATIONS DIVISION, Surveyor

APPROVED: R. SMITH
PROJECT MANAGER

APPROVED: D. CLARKE
CHIEF, SURVEY SECTION

APPROVED: J. MIRAZ
SENIOR CHIEF OF SURVEY

DATE: 8 AUGUST 2015

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NORTHPORT HARBOR
NEW YORK
CONDITION SURVEY

VH-102

SHEET 3 OF 3

FILE NO.: 8
REQ NO.: 4326