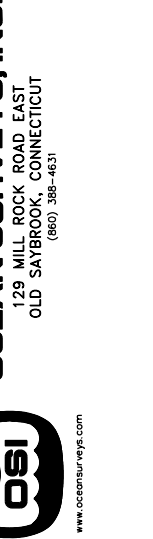


[illegible]

18-20 DECEMBER 2018

FILE NO.: 9
REQUEST NO.: 4785

ONE INCH = 500 FEET

FIELD BOOKS:

APPROVED: R. SMITH
PROJECT MANAGER

APPROVED: D. CLARKE
LEAD CATERPILLAR

APPROVED: J. MRAZ
QUALITY CHIEF OF SAFETY

CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

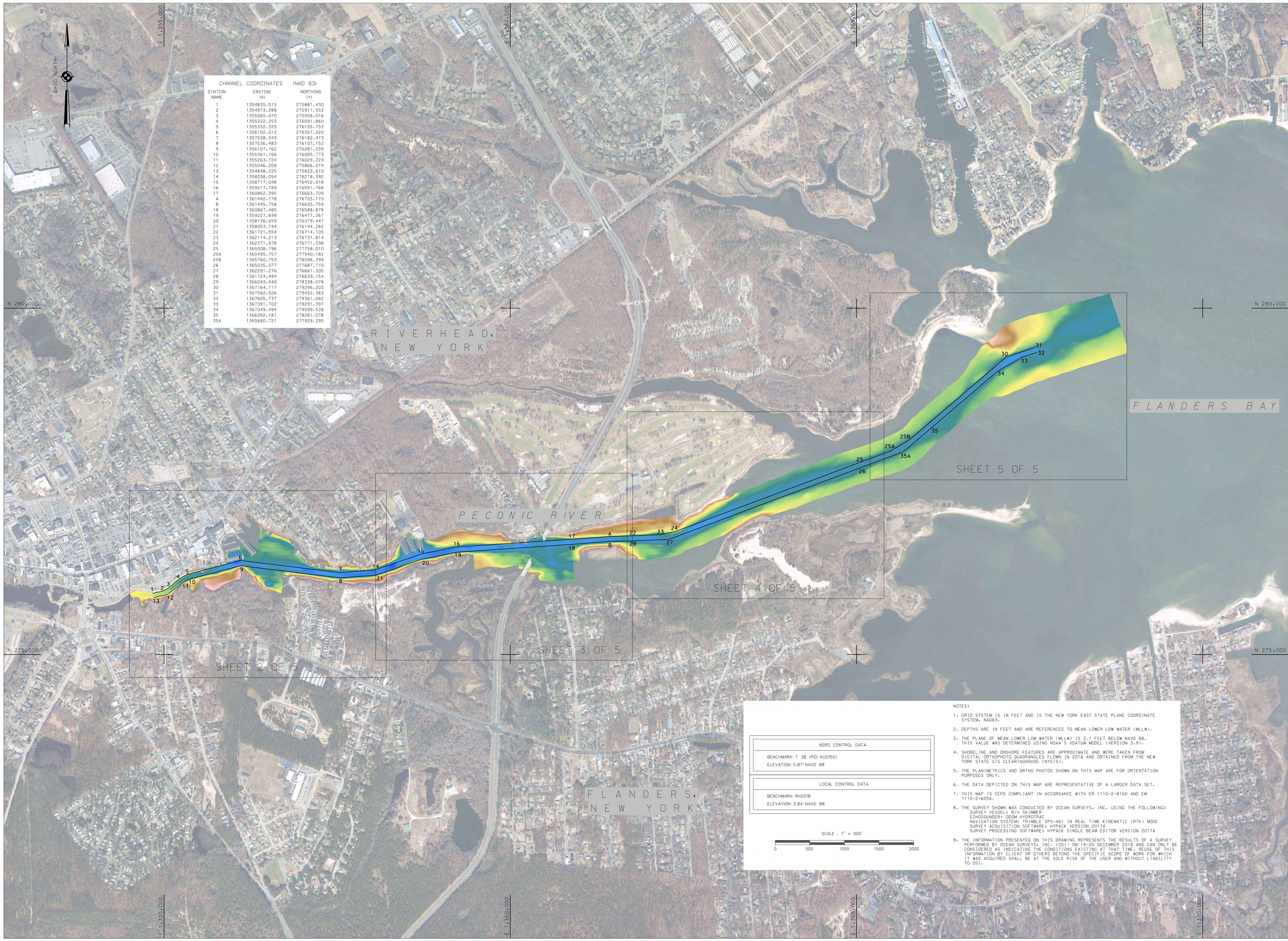
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

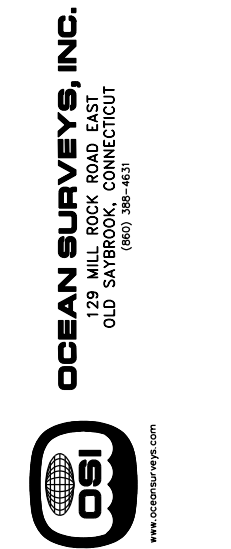
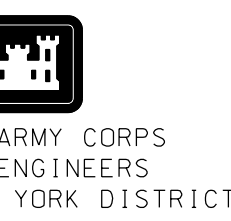
NEW YORK
CONDITION SURVEY

WH-101

SHEET 1 OF 5

FILE NO. 9
REQ. NO. 4785





DATES OF SURVEY:
18-20 DECEMBER 2018

SCALE:
ONE INCH = 100 FEET

APPROVED:
FIELD COMMANDER
APPROVED: LT. SMITH
PROJECT MANAGER
APPROVED: LT. CLERKE
FIELD SUPERVISOR
APPROVED: LT. MAZ
DEPT. CHIEF OF PARTY
DATE: 5 FEBRUARY 2019

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

OPERATIONS DIVISION
SURVEY SECTION
GEOPHYSICS

VH-102

SHEET 2 OF 5

FILE NO. 9
REQ. NO. 4785

N 277.000

N 276.000

N 275.000

E 1,355.000

E 1,355.000

E 1,356.000

E 1,356.000

E 1,357.000

E 1,357.000

E 1,358.000

E 1,358.000

N 277.000

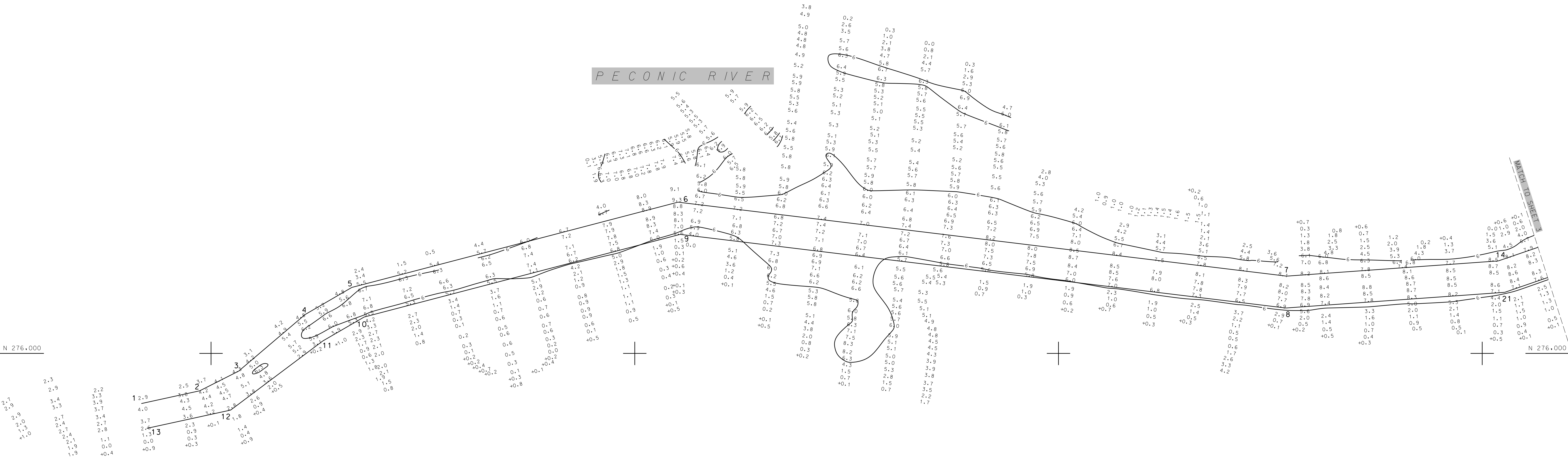
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N 275.000

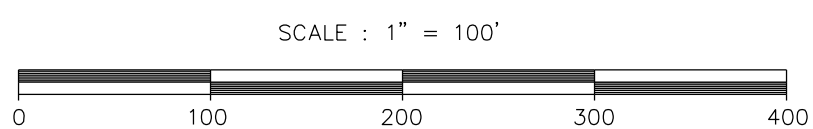


RIVERHEAD,
NEW YORK

PECONIC RIVER

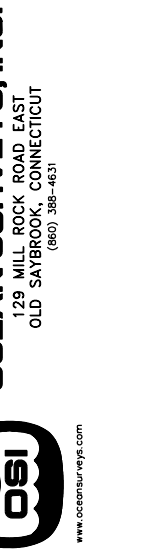


NSRS CONTROL DATA	
BENCHMARK: T 38 (PID: KU0150)	ELEVATION: 5.87 NAVD 88
LOCAL CONTROL DATA	
BENCHMARK: RH2018	ELEVATION: 3.84 NAVD 88



- NOTES:
- GRID SYSTEM IS IN FEET AND IS THE NEW YORK EAST STATE PLANE COORDINATE SYSTEM, NAD83.
 - DEPTHS ARE IN FEET AND ARE REFERENCED TO MEAN LOWER LOW WATER (MLLW).
 - THE PLANE OF MEAN LOWER LOW WATER (MLLW) IS 2.1 FEET BELOW NAVD 88. THIS VALUE WAS DETERMINED USING NOAA'S VDATUM MODEL (VERSION 3.9).
 - SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHOTO QUADRANGLES FLOWN IN 2016 AND OBTAINED FROM THE NEW YORK STATE GIS CLEARINGHOUSE (NYGIS).
 - THE PLANIMETRICS AND ORTHO PHOTOS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
 - THE DATA DEPICTED ON THIS MAP ARE REPRESENTATIVE OF A LARGER DATA SET.
 - THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
 - THIS MAP IS CEPP COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.
 - THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING:
SURVEY VESSEL: R/V SKIMMER
ECHOSOUNDER: DODM HYDROTRAC
NAVIGATION SYSTEM: TRIMBLE SP5-461 IN REAL TIME KINEMATIC (RTK) MODE
SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2017A
SURVEY PROCESSING SOFTWARE: HYPACK SINGLE BEAM EDITOR VERSION 2017A
 - THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 18-20 DECEMBER 2018 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME. REUSE OF THIS INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY TO OSI.



[illegible]

18-20 DECEMBER 2018

ONE INCH = 100 FEET

APPROVED: R. SMITH

DATE: 5 FEBRUARY 2019

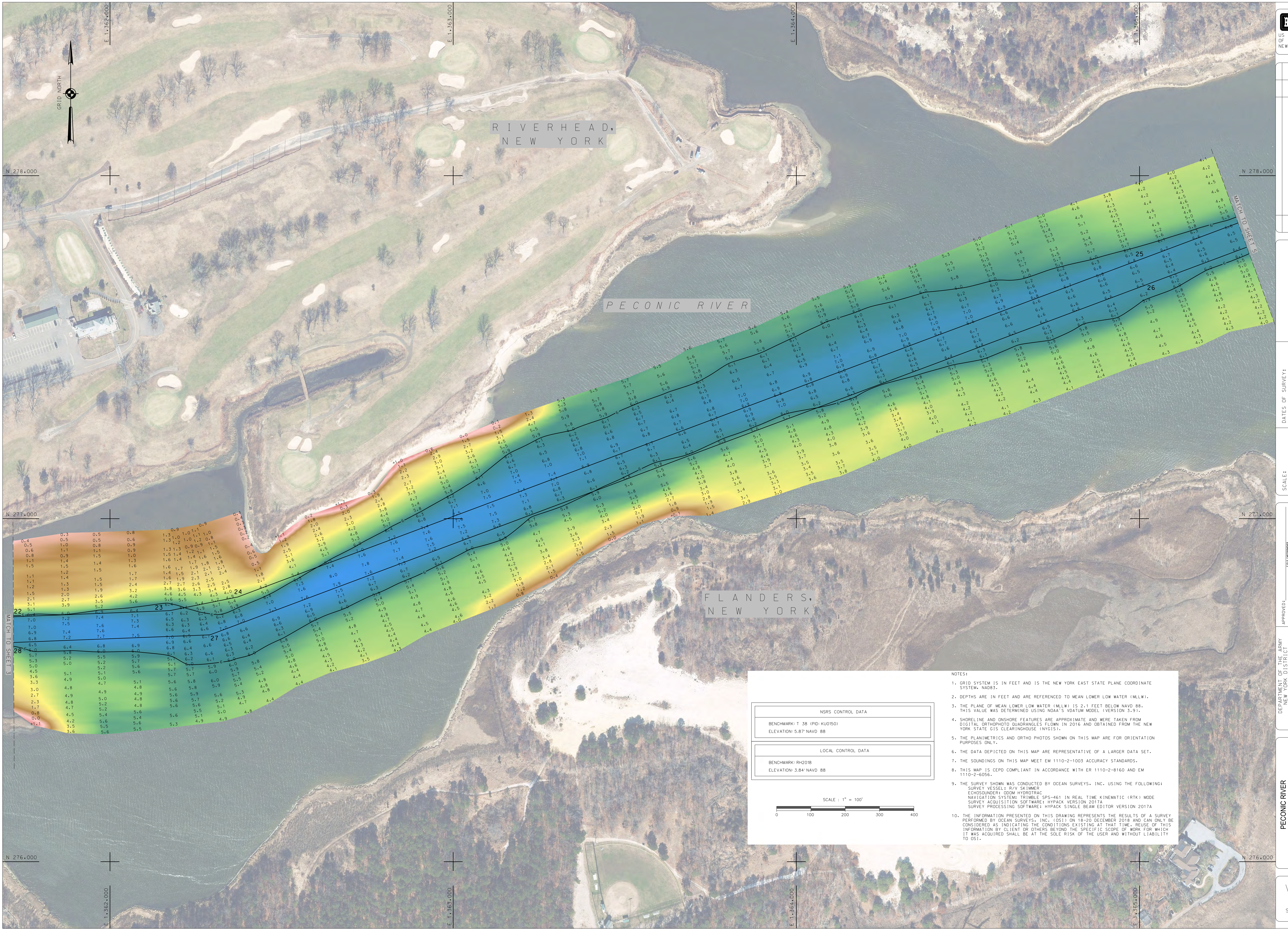
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

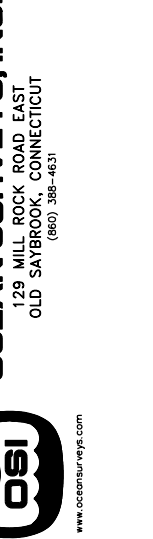
NEW YORK

VH-104

SHEET 4 OF 5

FILE NO. 9
REQ. NO. 4785



[illegible]

18-20 DECEMBER 2018

FILE NO.: 9
REQUEST NO.: 4785

ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: R. SMITH
PROJECT MANAGER

APPROVED: D. CLARKE
LEAD CONTRACTOR

APPROVED: J. MRAZ
CREDIT CHIEF OF SURVEY

CORPS OF ENGINEERS
NEW YORK, NEW YORK 10270

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK
CONDITION SURVEY

VH-105

SHEET 5 OF 5

FILE NO. 9
REQ. NO. 4785

