

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

COLLEGE POINT

EAST RIVER

FLUSHING BAY

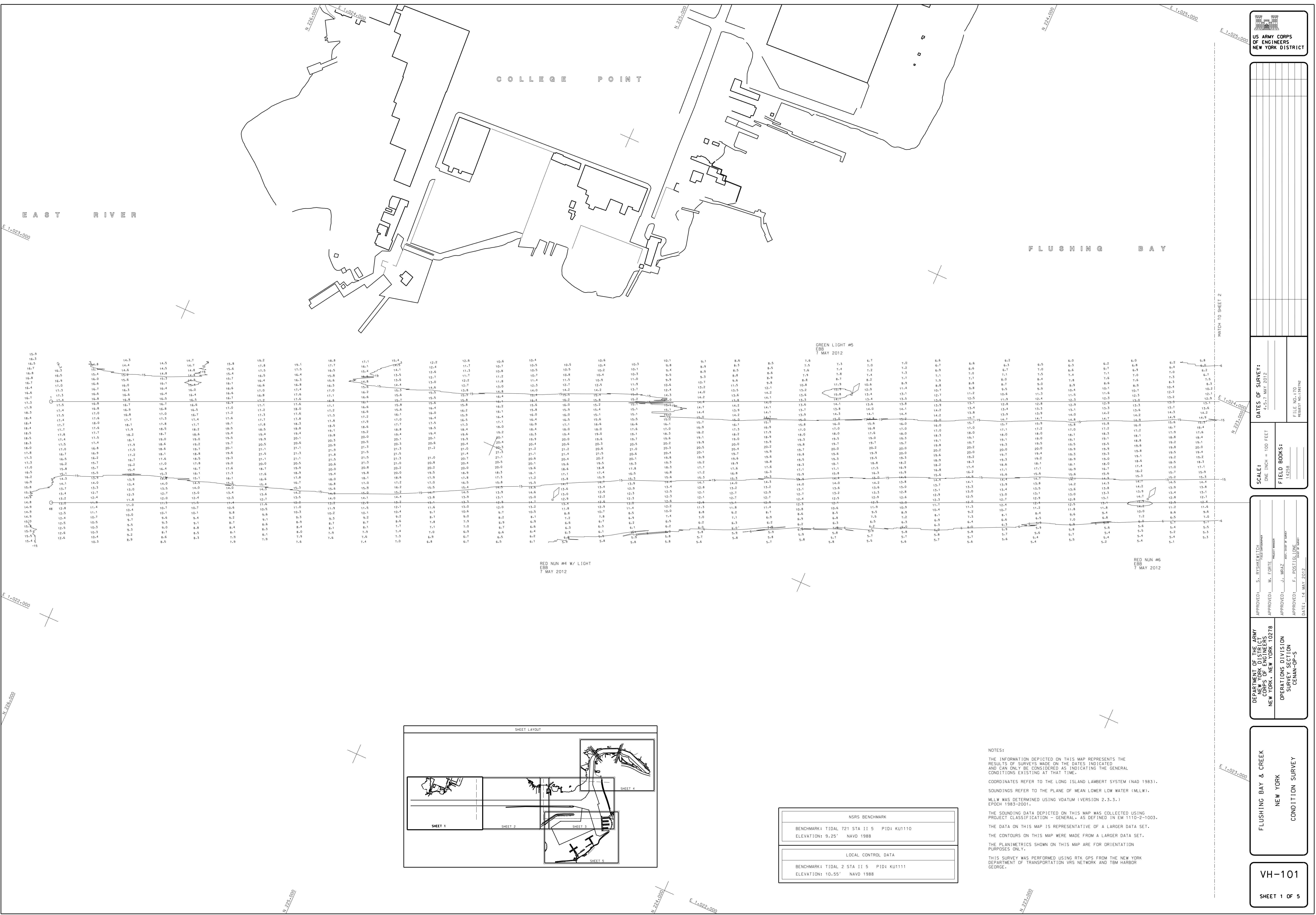


Table with 2 columns: Station ID, Elevation. Contains station data for the survey.

DATES OF SURVEY: 4/25-27 MAY 2012

SCALE: ONE INCH = 100 FEET

APPROVED: S. BYSKHEWICH, M. EDLIE, J. MARZ, F. POSTILLONE

DEPARTMENT OF THE ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

FLUSHING BAY & CREEK NEW YORK CONDITION SURVEY

VH-101 SHEET 1 OF 5

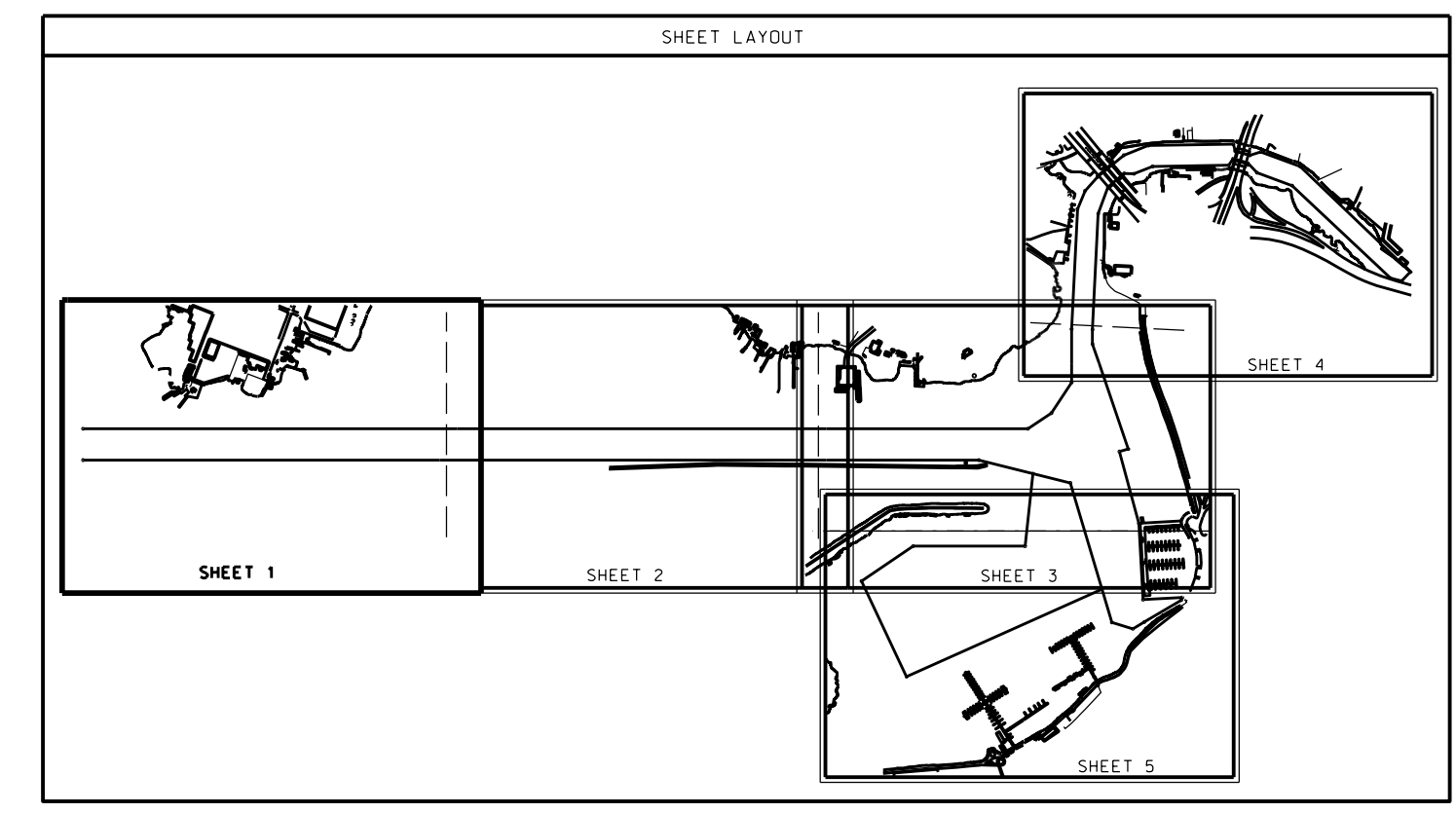


Table with 2 sections: NSRS BENCHMARK and LOCAL CONTROL DATA. Provides benchmark and control data details.

NOTES: THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

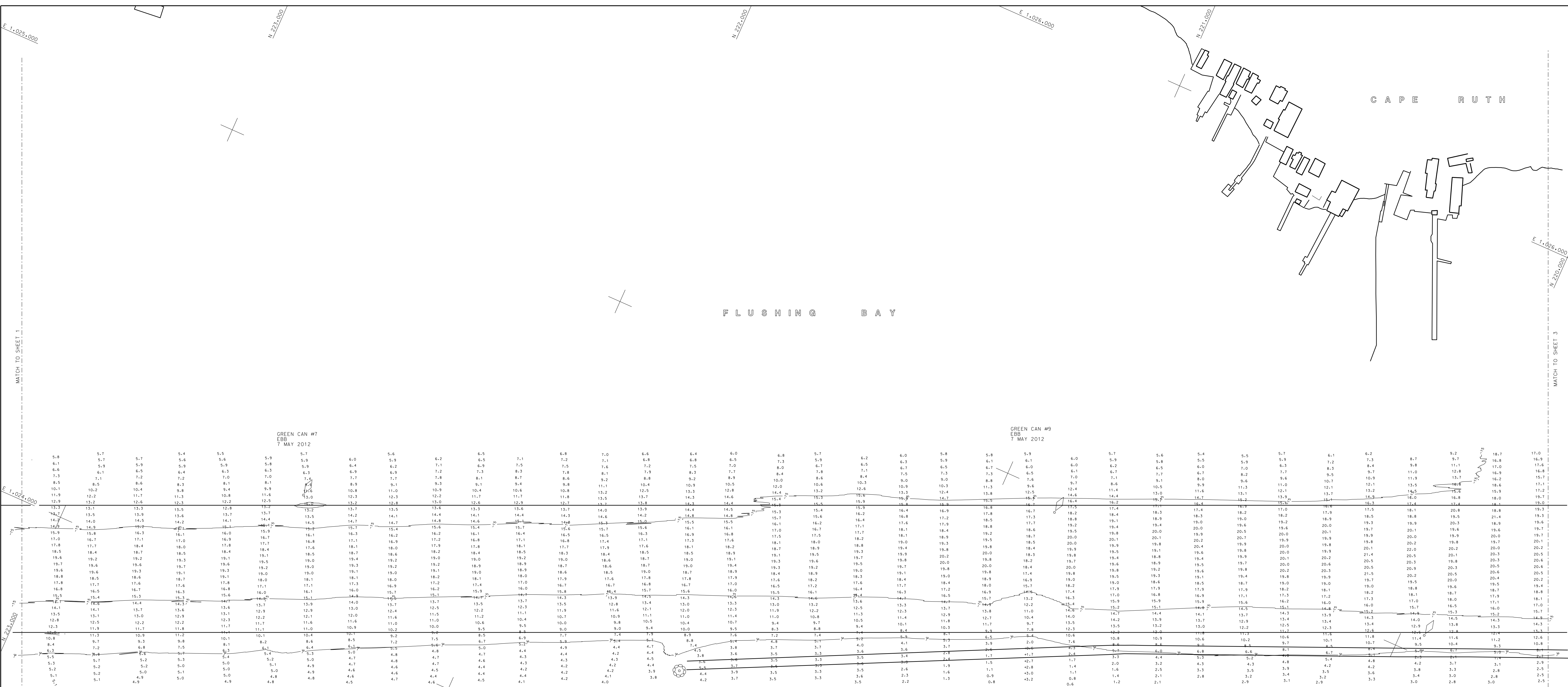
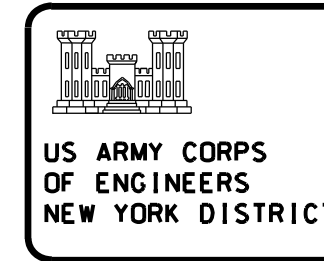


Table with 2 columns: Station ID, Elevation. Includes station numbers like 1.0, 1.1, 1.2, etc.

DATES OF SURVEY: 4-5-7 MAY 2012

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: 14258

APPROVED: S. RYSHKIEWICH, M. EDITE, J. MRLZ, F. POSTILLONE

DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS, NEW YORK DISTRICT, OPERATIONS DIVISION, SURVEY SECTION, CENAN-OP-5

DATE: 14 MAY 2012

FLUSHING BAY & CREEK, NEW YORK, CONDITION SURVEY

VH-102, SHEET 2 OF 5

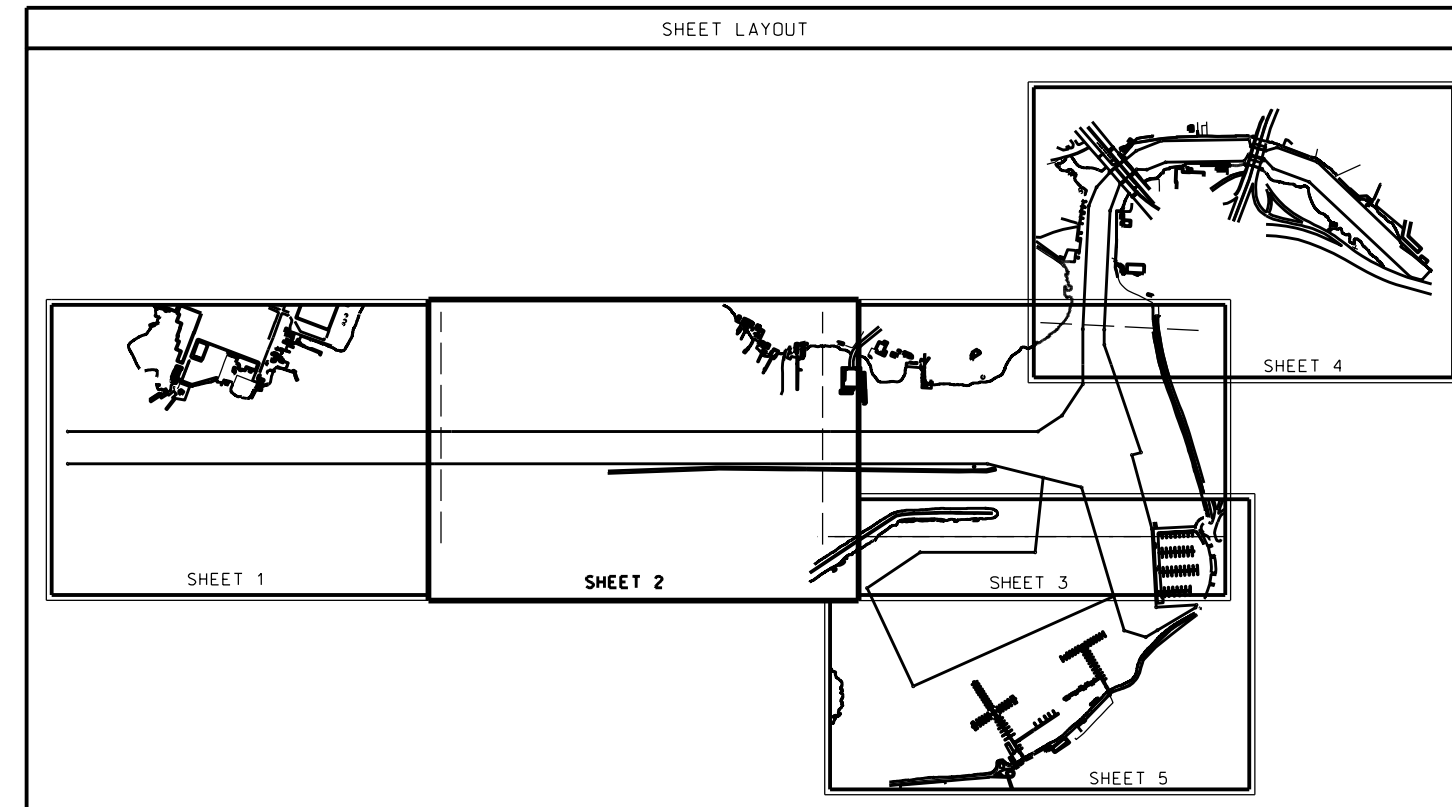
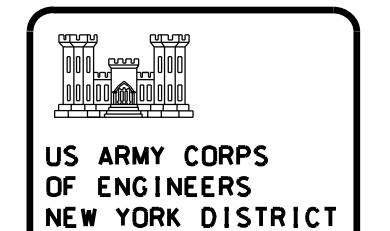
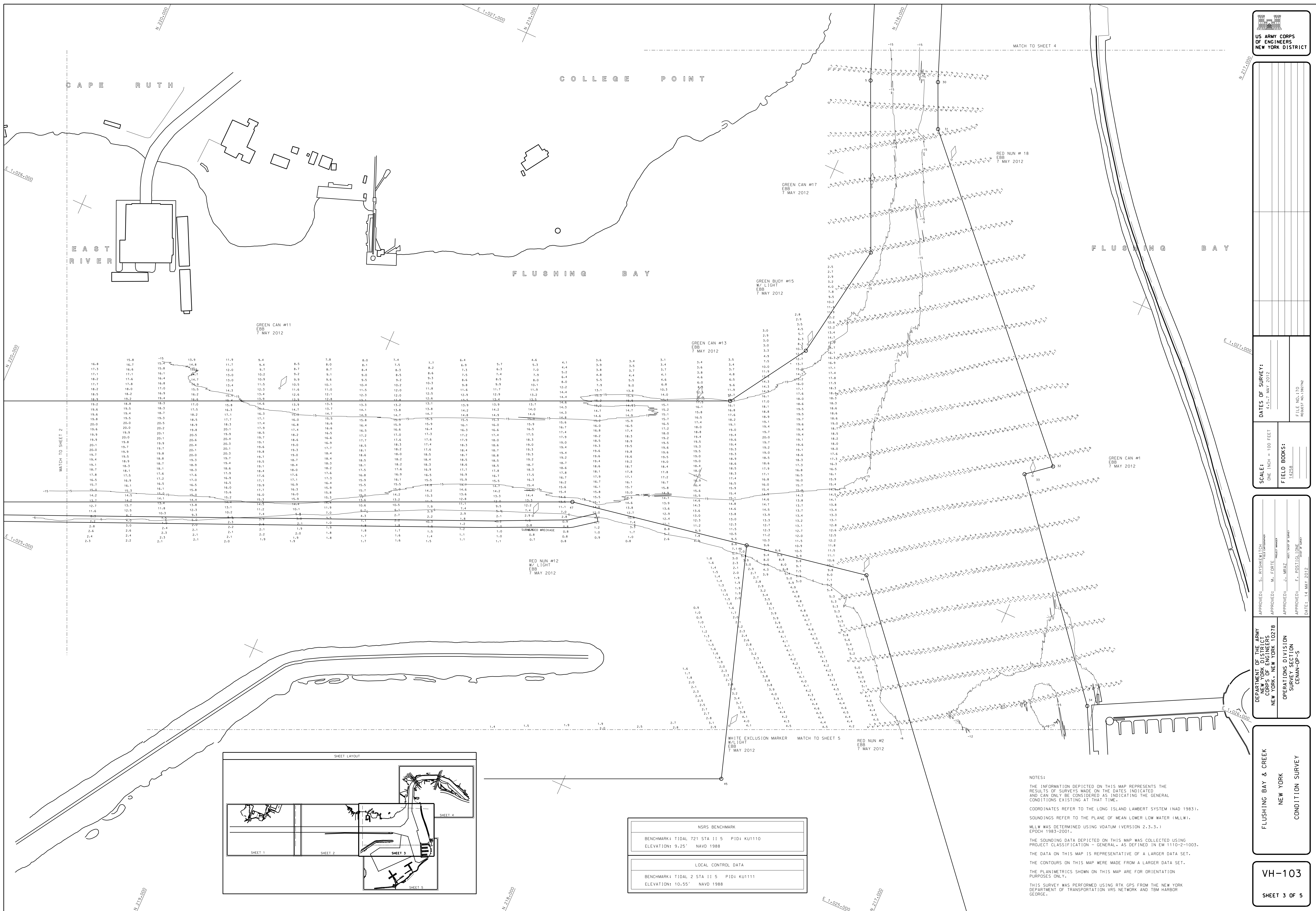


Table with 2 sections: NSRS BENCHMARK and LOCAL CONTROL DATA. Includes benchmark IDs like TIDAL 721 STA 11 5 and TIDAL 2 STA 11 5.

NOTES: THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.



DATES OF SURVEY:
4.25-1 MAY 2012

FIELD BOOKS:
1425B

FILE NO.: FTO
PROJECT NO.: 1425B

SCALE:
ONE INCH = 100 FEET

APPROVED: S. RYSHKOWICH
M. EDIE
J. MARZ
F. POSILLONE

DATE: 14 MAY 2012

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

**OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-5**

**FLUSHING BAY & CREEK
NEW YORK
CONDITION SURVEY**

**VH-103
SHEET 3 OF 5**

NOTES:

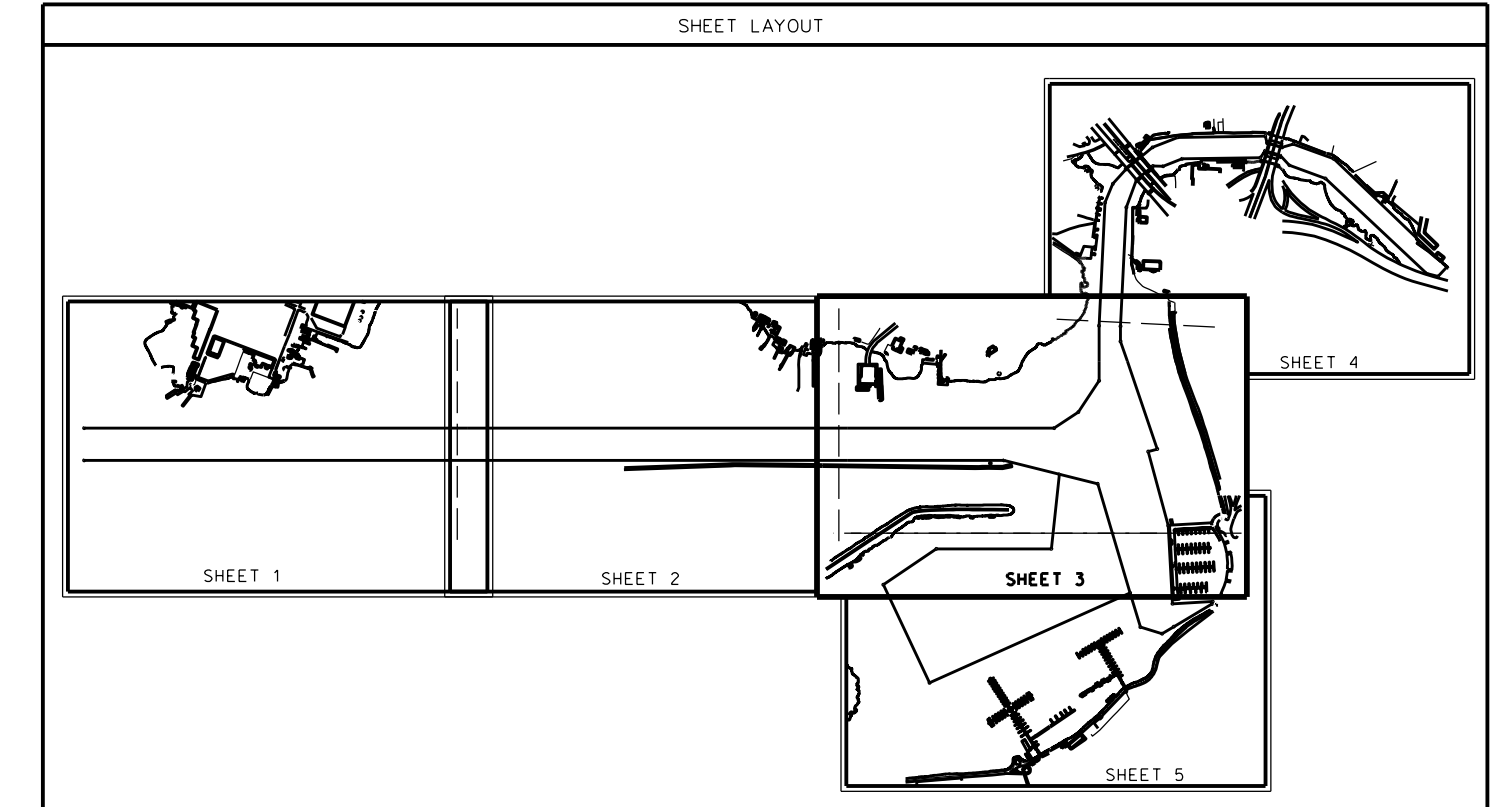
THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

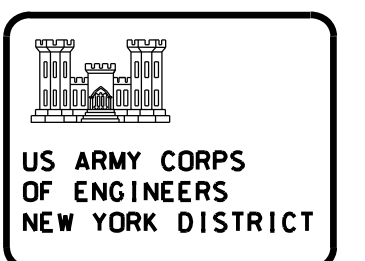
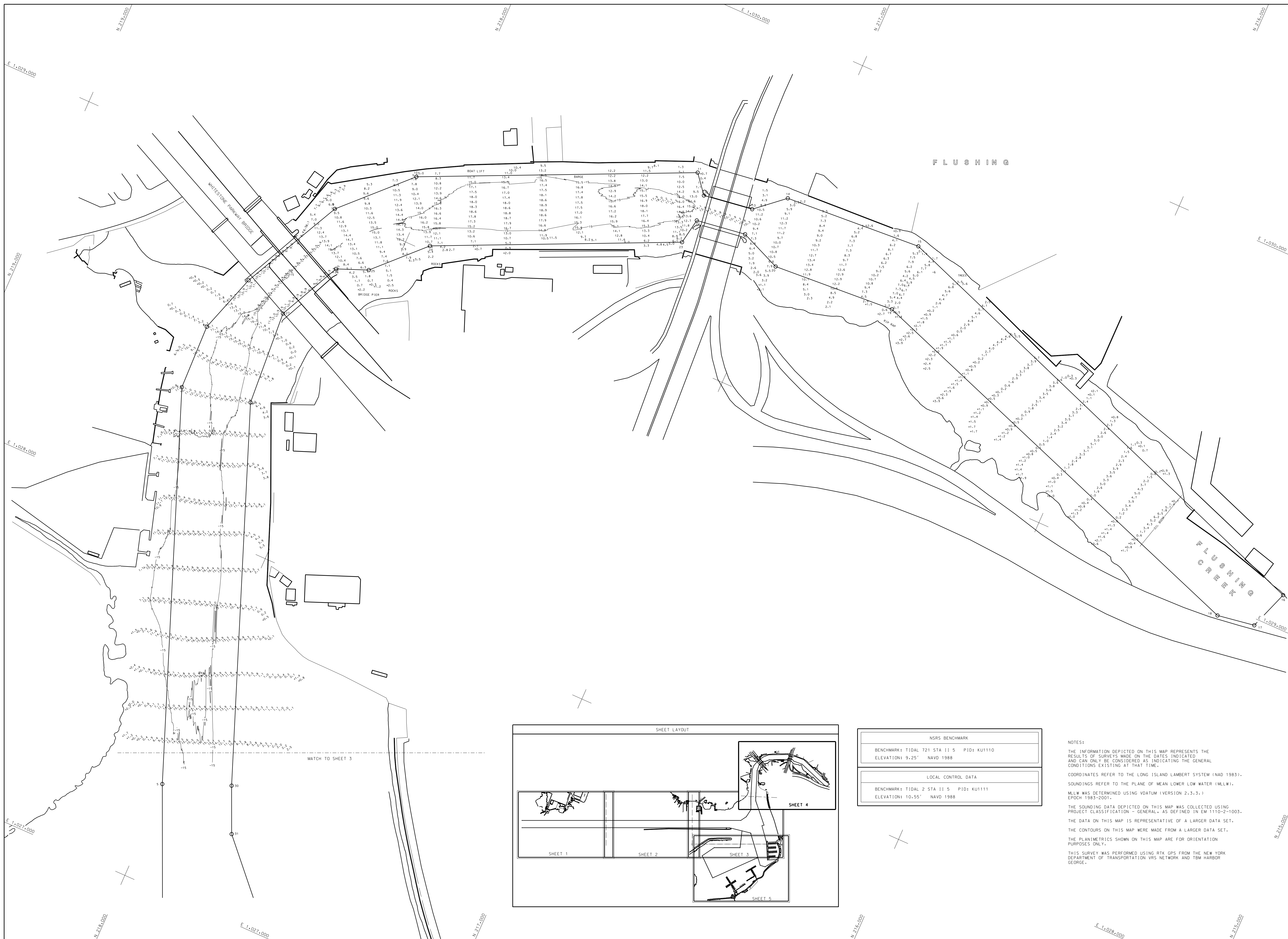
COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983). SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW). MLLW WAS DETERMINED USING VDATUM (VERSION 2.3.3.) EPOCH 1983-2001.

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 CONTOURS ON THIS MAP WERE MADE FROM A LARGER DATA SET. THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.

THIS SURVEY WAS PERFORMED USING RTK GPS FROM THE NEW YORK DEPARTMENT OF TRANSPORTATION VRS NETWORK AND TBM HARBOR GEORGE.

NSRS BENCHMARK	
BENCHMARK: TIDAL 2 STA 11 5	PID: KU1110
ELEVATION: 9.25' NAVD 1988	
LOCAL CONTROL DATA	
BENCHMARK: TIDAL 2 STA 11 1	PID: KU1111
ELEVATION: 10.55' NAVD 1988	





DATE OF SURVEY: 4-21, MAY 2012	FILE NO.: 170 R00017012012
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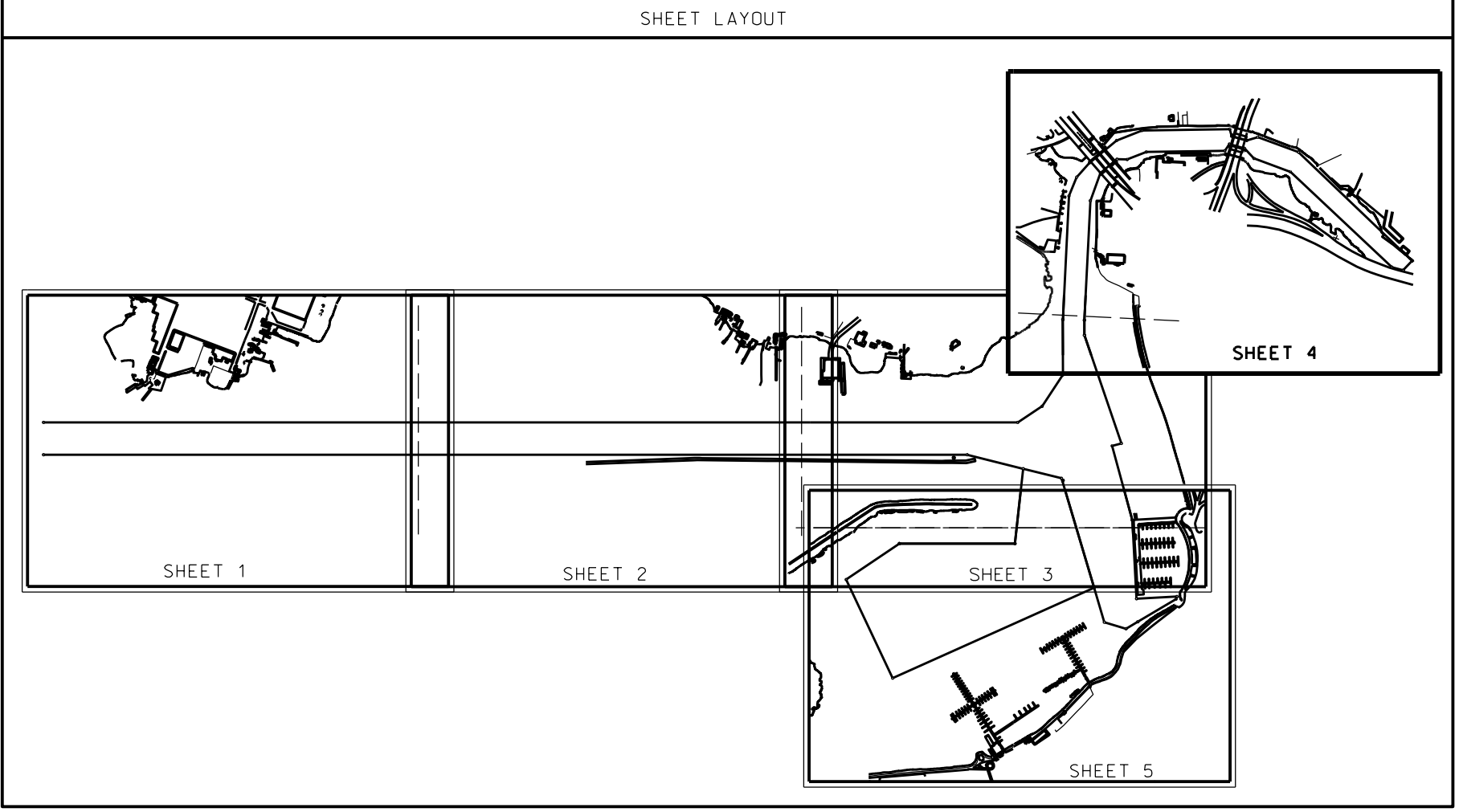
SCALE: ONE INCH = 100 FEET	FIELD BOOKS: 14258
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APPROVED: S. BYSHKOWITZ S. BYSHKOWITZ	APPROVED: M. EDLIE M. EDLIE	APPROVED: J. WATZ J. WATZ	APPROVED: F. POSTILLONE F. POSTILLONE
DATE: 14 MAY 2012	DATE: 14 MAY 2012	DATE: 14 MAY 2012	DATE: 14 MAY 2012

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-5

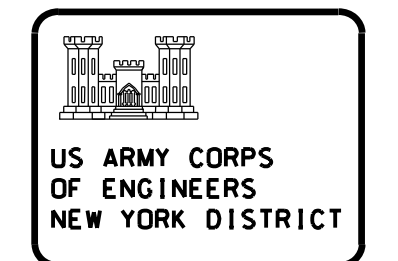
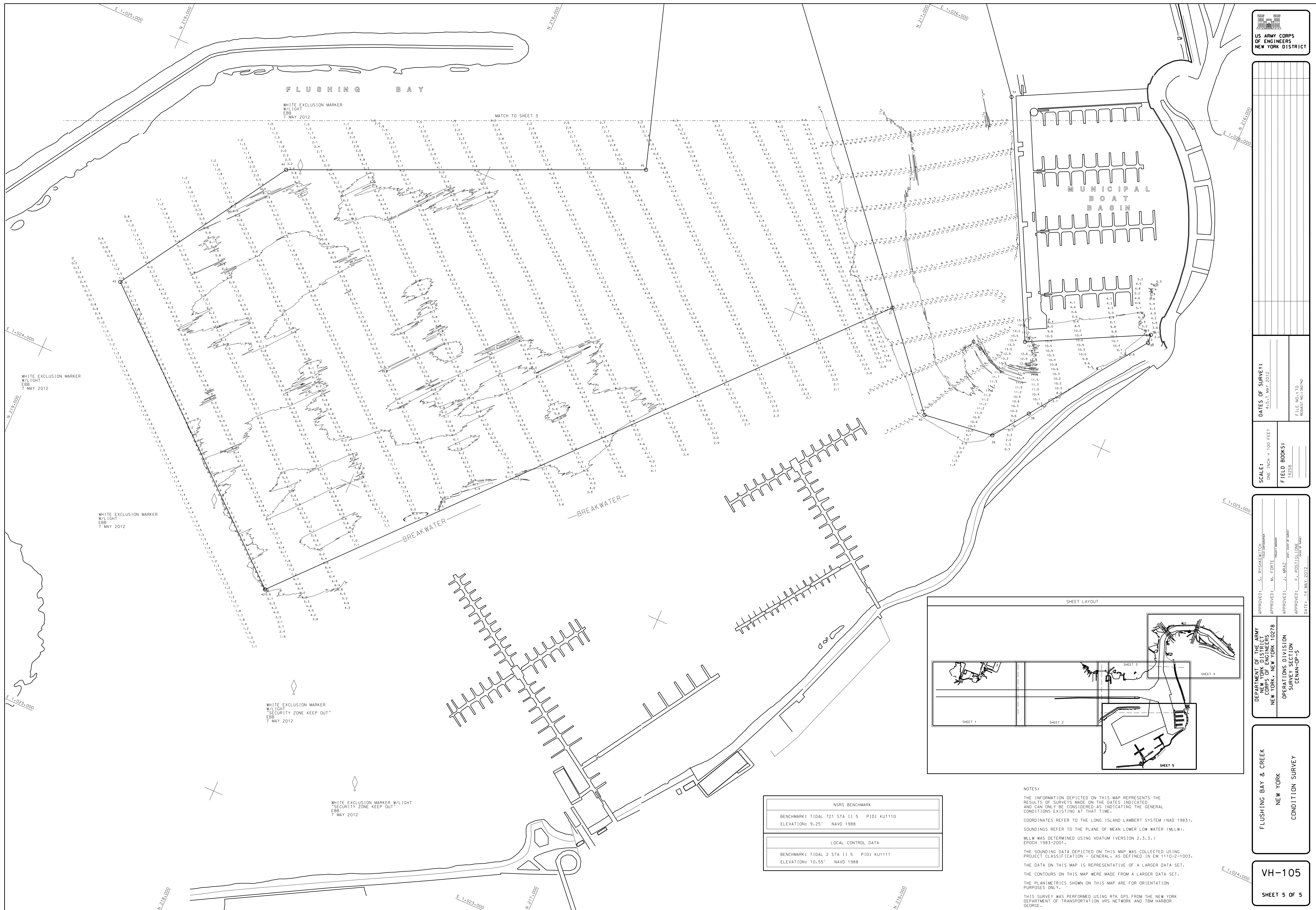
FLUSHING BAY & CREEK
NEW YORK
CONDITION SURVEY

VH-104
SHEET 4 OF 5



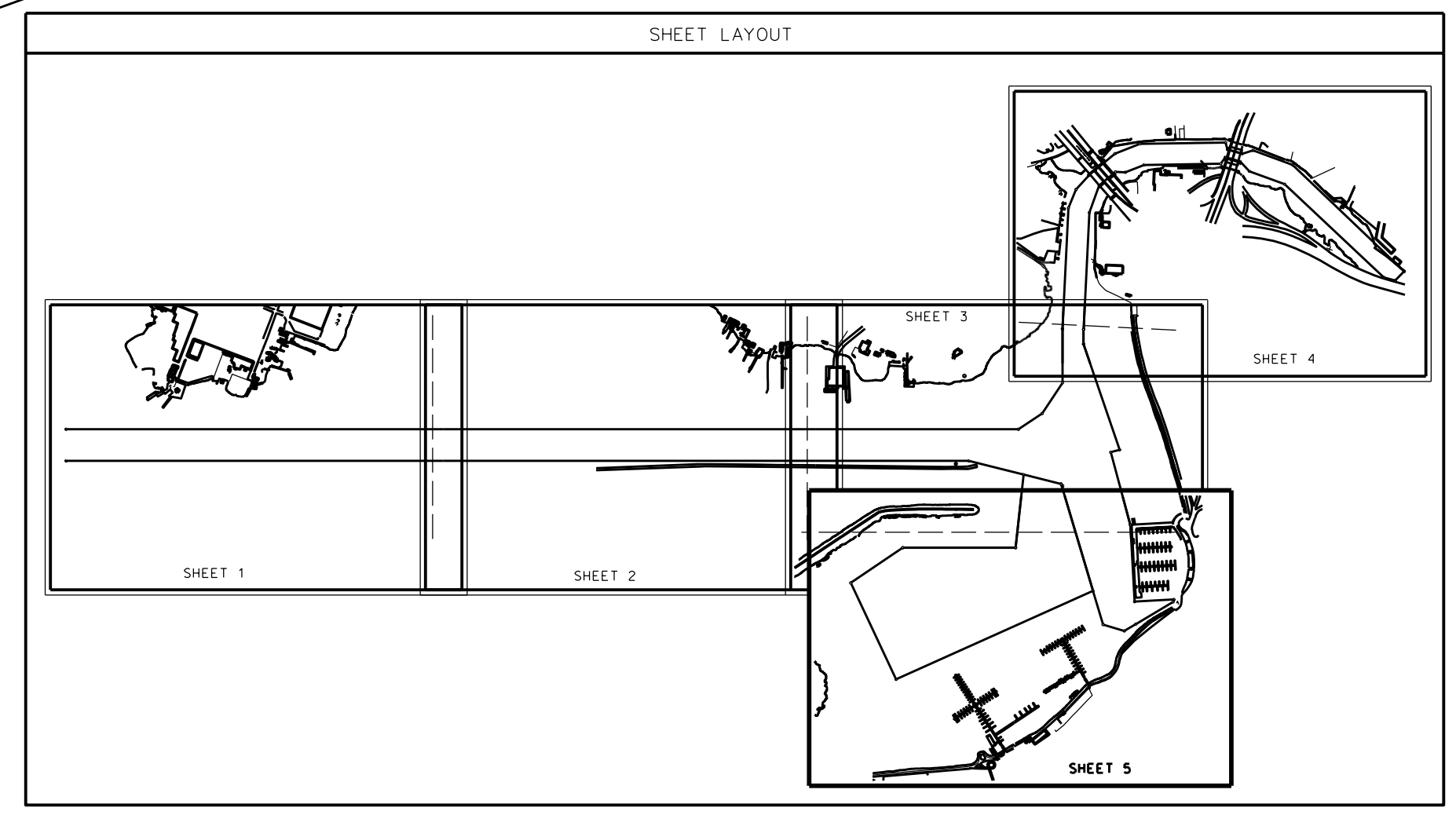
NSRS BENCHMARK BENCHMARK: TIDAL 721 STA 11 5 PID: KU1110 ELEVATION: 9.25' NAVD 1988
LOCAL CONTROL DATA BENCHMARK: TIDAL 2 STA 11 5 PID: KU1111 ELEVATION: 10.55' NAVD 1988

NOTES:
THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (INAD 1983). SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW). MLLW WAS DETERMINED USING VDATUM (VERSION 2.3.3.1) EPOCH 1983-2001.
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 CONTOURS ON THIS MAP WERE MADE FROM A LARGER DATA SET. THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
THIS SURVEY WAS PERFORMED USING RTK GPS FROM THE NEW YORK DEPARTMENT OF TRANSPORTATION VRS NETWORK AND TBM HARBOR GEORGE.



DATE OF SURVEY: 14 MAY 2012	
FIELD BOOKS: 14255	
FILE NO. 1 TO REQUEST NO. 14255	

APPROVED: S. BISHENBACH SUPERVISOR	APPROVED: M. EGRTE PROJECT MANAGER	APPROVED: J. WELZ DISTRICT ENGINEER	APPROVED: F. PASILLONE CHIEF OF PARTY
DATE: 14 MAY 2012			



NSRS BENCHMARK	
BENCHMARK: TIDAL 721 STA 11 5	PID: KU1110
ELEVATION: 9.25'	NAVD 1988
LOCAL CONTROL DATA	
BENCHMARK: TIDAL 2 STA 11 5	PID: KU1111
ELEVATION: 10.55'	NAVD 1988

NOTES:
 THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
 COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983).
 SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW).
 MLLW WAS DETERMINED USING VDATUM (VERSION 2.3.3.) EPOCH 1983-2001.
 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 CONTOURS ON THIS MAP WERE MADE FROM A LARGER DATA SET.
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 THIS SURVEY WAS PERFORMED USING RTK GPS FROM THE NEW YORK DEPARTMENT OF TRANSPORTATION VRS NETWORK AND TBM HARBOR GEORGE.

DEPARTMENT OF THE ARMY
 CORPS OF ENGINEERS
 NEW YORK, NEW YORK 10278
 OPERATIONS DIVISION
 SURVEY SECTION
 CENAN-OP-5

FLUSHING BAY & CREEK
 NEW YORK
 CONDITION SURVEY

VH-105
 SHEET 5 OF 5