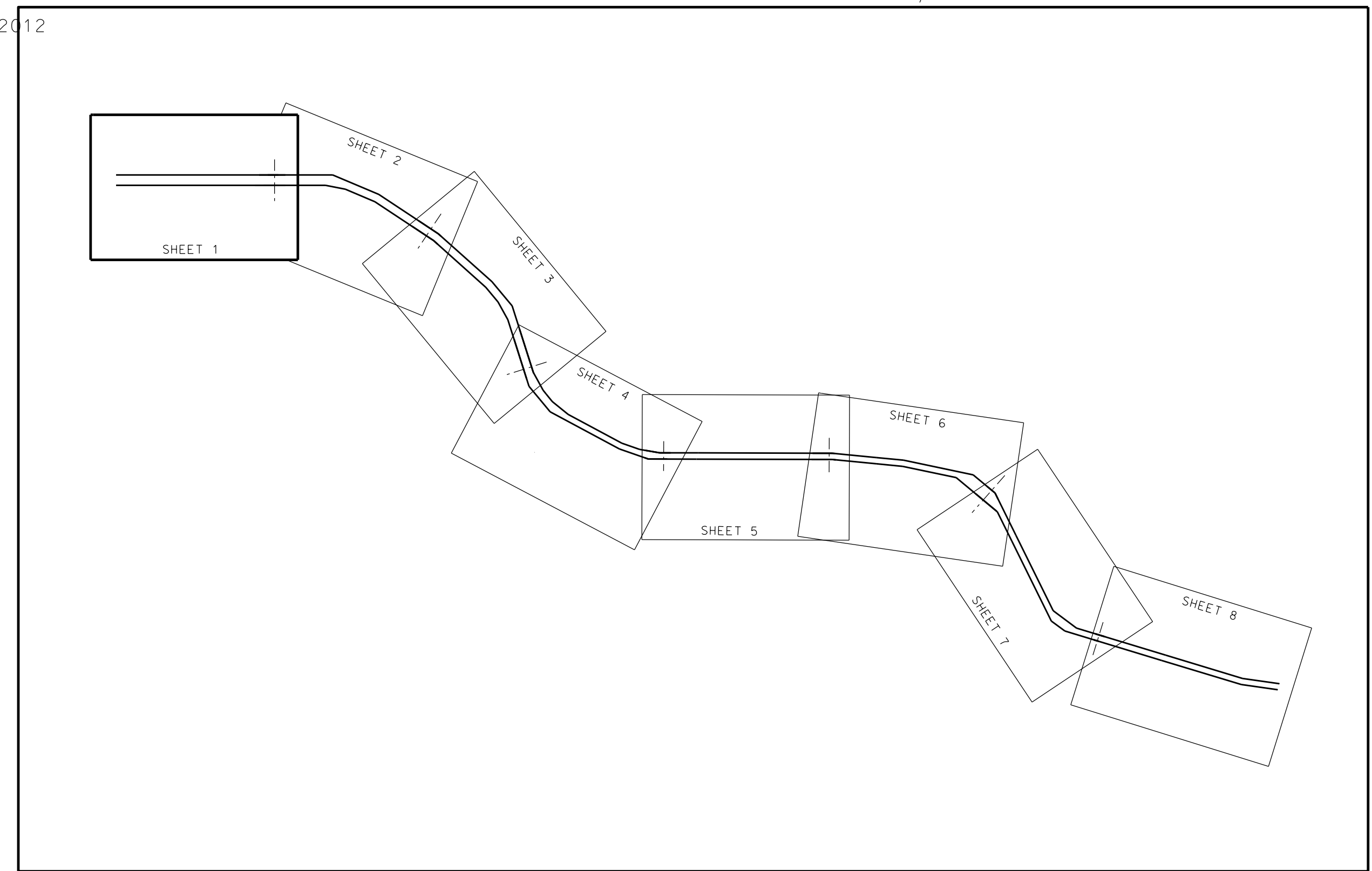


GREEN CAN # 3
EBB
13 AUG 2012

RED NUN # 2
EBB
13 AUG 2012



LOCAL CONTROL DATA	
BENCHMARK: V 340 (KU1002)	ELEVATION: 51.50' NAVD 1988
NSRS BENCHMARK	
BENCHMARK: W 340 (KU1003)	ELEVATION: 20.10' NAVD 1988

NOTES:
 THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED THE GENERAL CONDITIONS EXISTING AT THAT TIME.
 *THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
 COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983) SOUNDINGS REFER TO THE C.D.E. PLANE OF MEAN LOW WATER
 THE PLANE OF C.D.E. MEAN LOW WATER IS 4.4 FEET BELOW NAVD 1988
 THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION-GENERAL AS DEPICTED IN EM 1110-2-1003.
 THE DATA ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.
 THIS SURVEY WAS PERFORMED USING RTK OPS FROM STATION RTK CUMMINS.

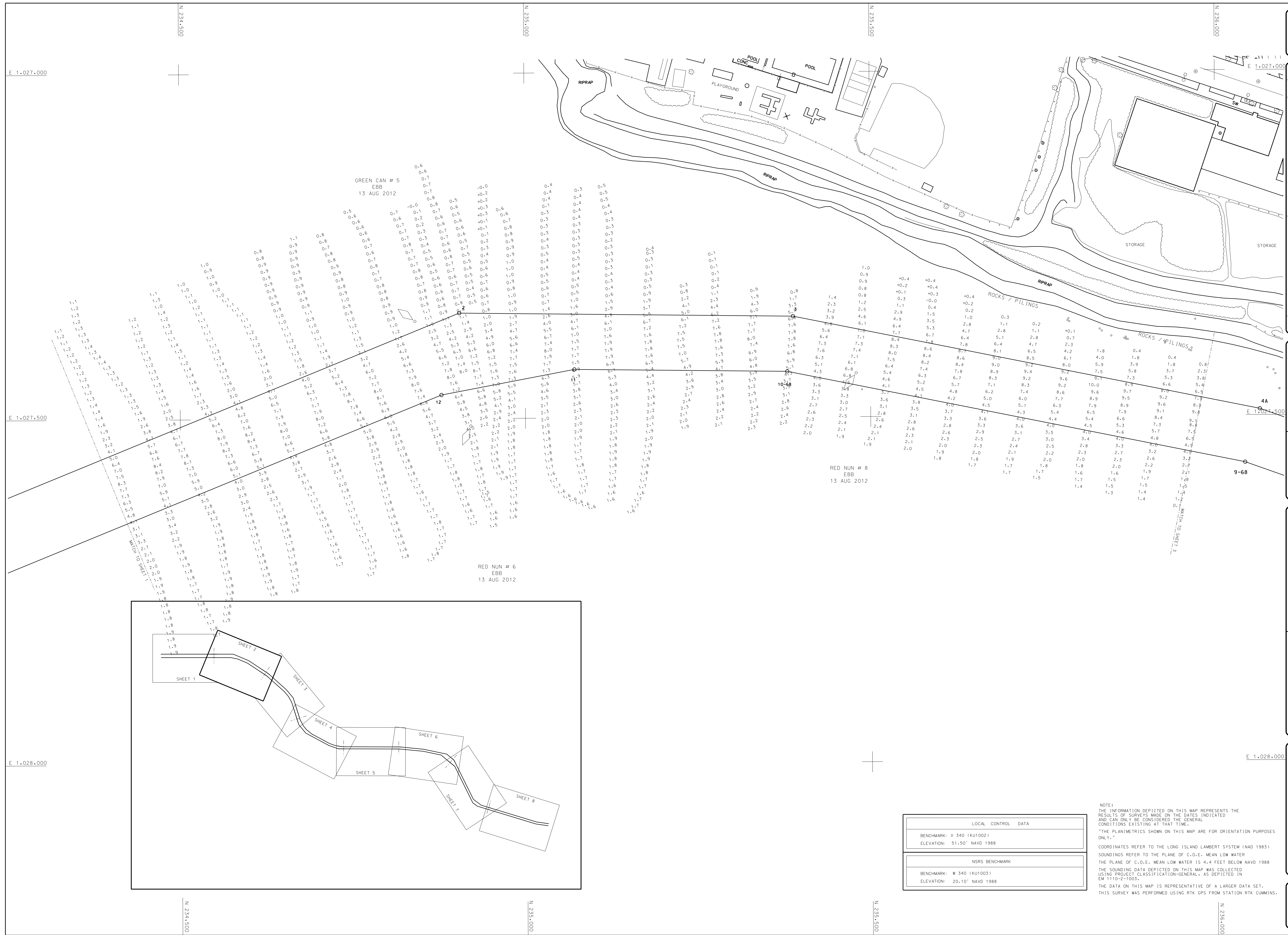
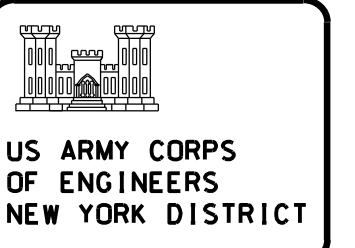
DATE OF SURVEY:
13-16 AUG 2012
 FIELD BOOKS:
12824
 REQUEST NO.: 13834

APPROVED: D. SMITH
 APPROVED: M. FORTE
 APPROVED: D. CLARKE
 APPROVED: F. POSTIGLIONE
 DATE: 23 AUGUST 2012

DEPARTMENT OF THE ARMY
 CORPS OF ENGINEERS
 NEW YORK, NEW YORK 10278
 OPERATIONS DIVISION
 SURVEY SECTION
 CENNA-COS

WESTCHESTER CREEK
 NEW YORK
 CONDITION SURVEY

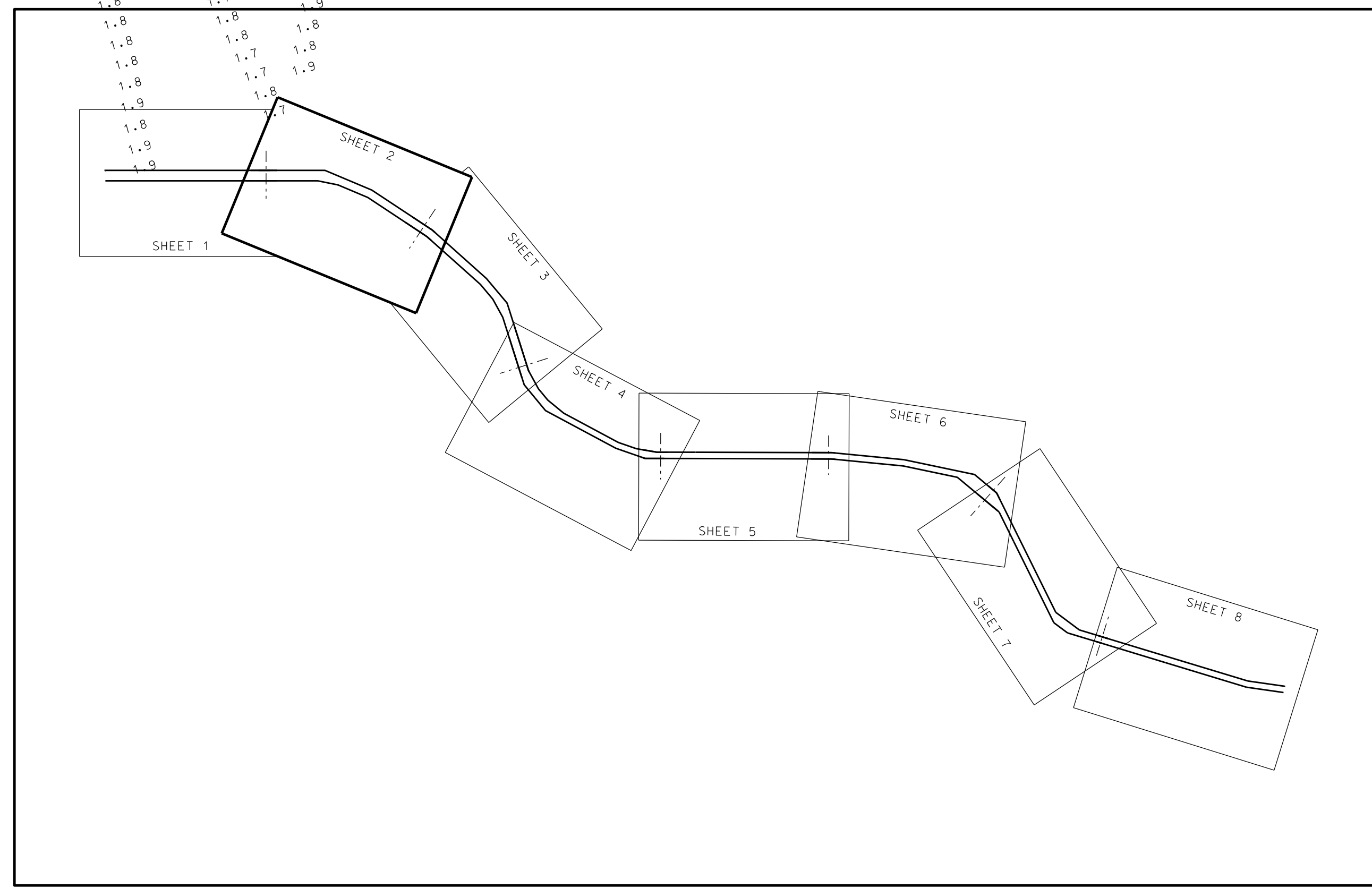
VH-101
 SHEET 1 OF 8



GREEN CAN # 5
EBB
13 AUG 2012

RED NUN # 8
EBB
13 AUG 2012

RED NUN # 6
EBB
13 AUG 2012



LOCAL CONTROL DATA	
BENCHMARK: V 340 (KU1002)	
ELEVATION: 51.50' NAVD 1988	
NSRS BENCHMARK	
BENCHMARK: W 340 (KU1003)	
ELEVATION: 20.10' NAVD 1988	

NOTE:
THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED THE GENERAL CONDITIONS EXISTING AT THAT TIME.
"THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY."
COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983)
SOUNDINGS REFER TO THE PLANE OF C.D.E. MEAN LOW WATER
THE PLANE OF C.D.E. MEAN LOW WATER IS 4.4 FEET BELOW NAVD 1988
THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION-GENERAL, AS DEPICTED IN EM 1110-2-1003.
THE DATA ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET. THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RTK CUMMINS.

DATES OF SURVEY:
13-14 JULY 2012
13-16 AUG 2012

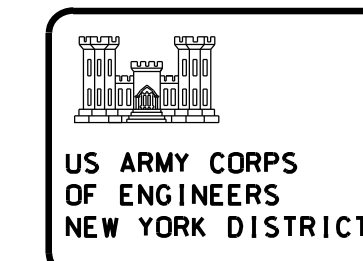
SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
142884

APPROVED: D. SWAIN
APPROVED: M. FORT
APPROVED: D. CLARKE
APPROVED: F. POSTILLONE
DATE: 23 AUGUST 2012

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278
OPERATING DIVISION
SURVEY SECTION
CENAN-CPS

WESTCHESTER CREEK
NEW YORK
CONDITION SURVEY
VH-102
SHEET 2 OF 8



DATE OF SURVEY: 13 & 14 JULY 13-16 AUG 2012	FILE NO. 13 REQUEST NO. 1 BSA
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SCALE: ONE INCH = 50 FEET	FIELD BOOKS: 12824
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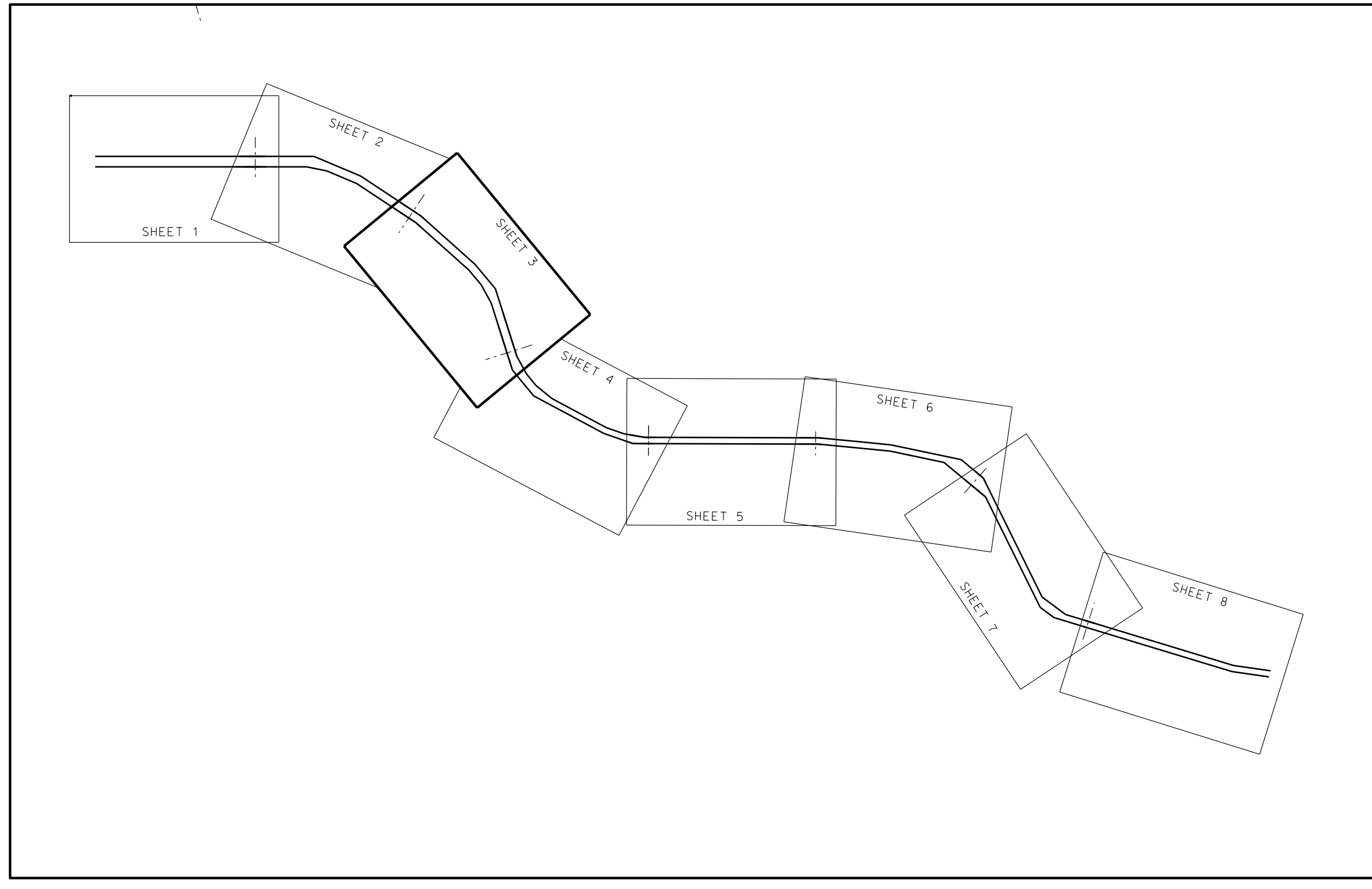
APPROVED: D. SWAIN APPROVED: M. FORTE APPROVED: E. CLARKE DATE: 23 AUGUST 2012	DEPARTMENT OF THE ARMY NEW YORK DISTRICT NEW YORK, NEW YORK 10278 OPERATIONS DIVISION SURVEY SECTION CEM-OPS
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WESTCHESTER CREEK
NEW YORK
CONDITION SURVEY

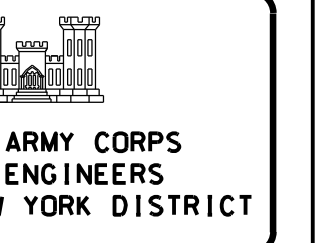
VH-103
SHEET 3 OF 8

LOCAL CONTROL DATA	
BENCHMARK:	V 340 (KU1002)
ELEVATION:	51.50' NAVD 1988
NSRS BENCHMARK	
BENCHMARK:	W 340 (KU1003)
ELEVATION:	20.10' NAVD 1988

NOTE:
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COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983)
SOUNDINGS REFER TO THE C.O.E. PLANE OF MEAN LOW WATER
THE PLANE OF C.O.E. MEAN LOW WATER IS 4.4 FEET BELOW NAVD 1988
THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING CLASS 1 SURVEY STANDARDS IN ACCORDANCE WITH EM 1110-2-1003.
THE DATA ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.
THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RTK CUMMINS.



E 1,028,000 N 236,500 E 1,027,500 N 231,500



E 1,028,500

E 1,029,000

E 1,029,000

E 1,029,500

N 237,500

N 238,000

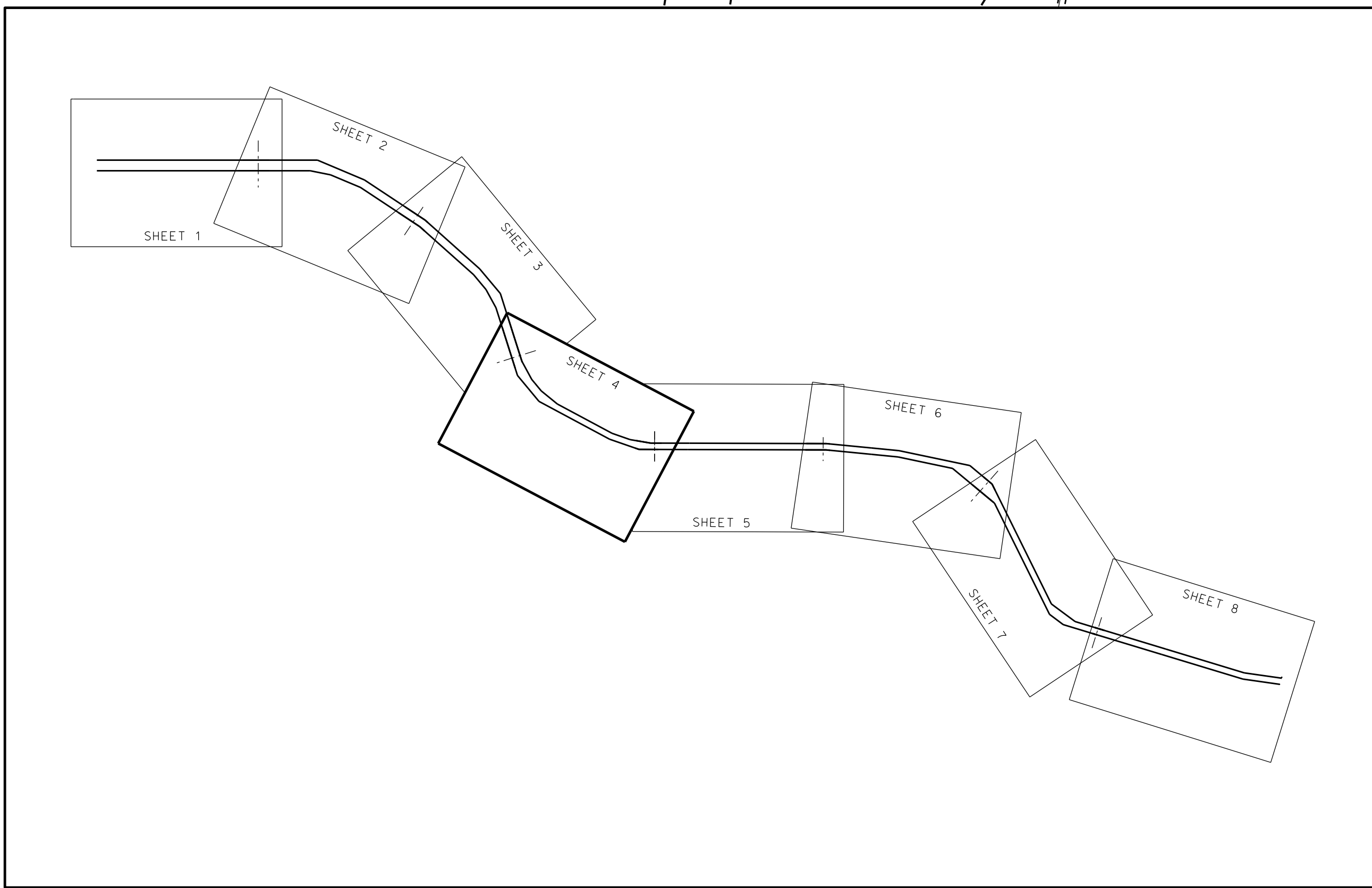
N 238,500

N 237,500

N 238,000

N 238,500

E 1,029,500



LOCAL CONTROL DATA	
BENCHMARK: V 340 (KU1002)	ELEVATION: 51.50' NAVD 1988
NSRS BENCHMARK	
BENCHMARK: W 340 (KU1003)	ELEVATION: 20.10' NAVD 1988

NOTE:
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 THE DATA ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.
 THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RTK CUMMINS.

DATE OF SURVEY:
 13 & 14 JULY 2012
 13 & 16 AUGUST 2012

SCALE:
 ONE INCH = 50 FEET

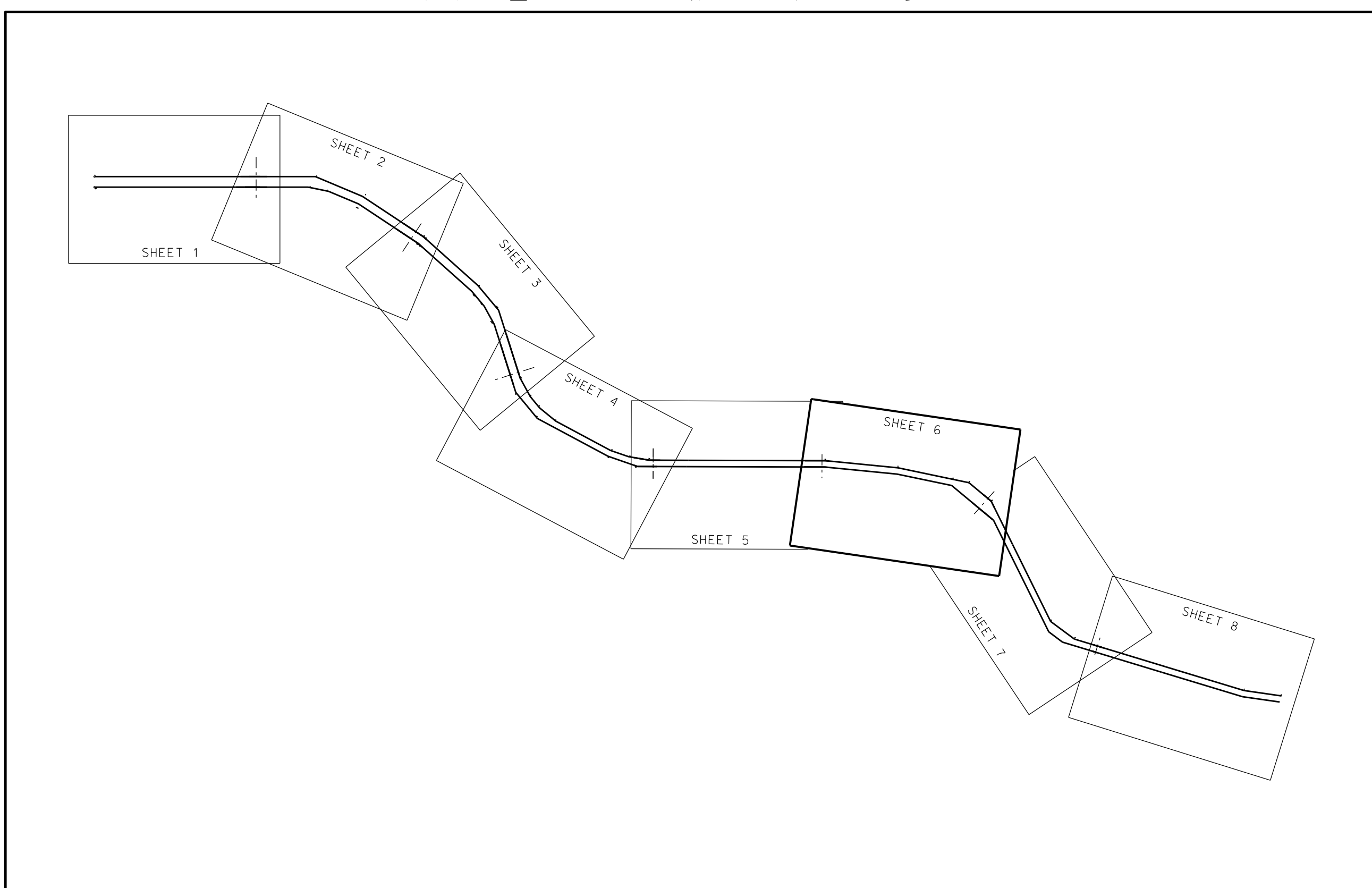
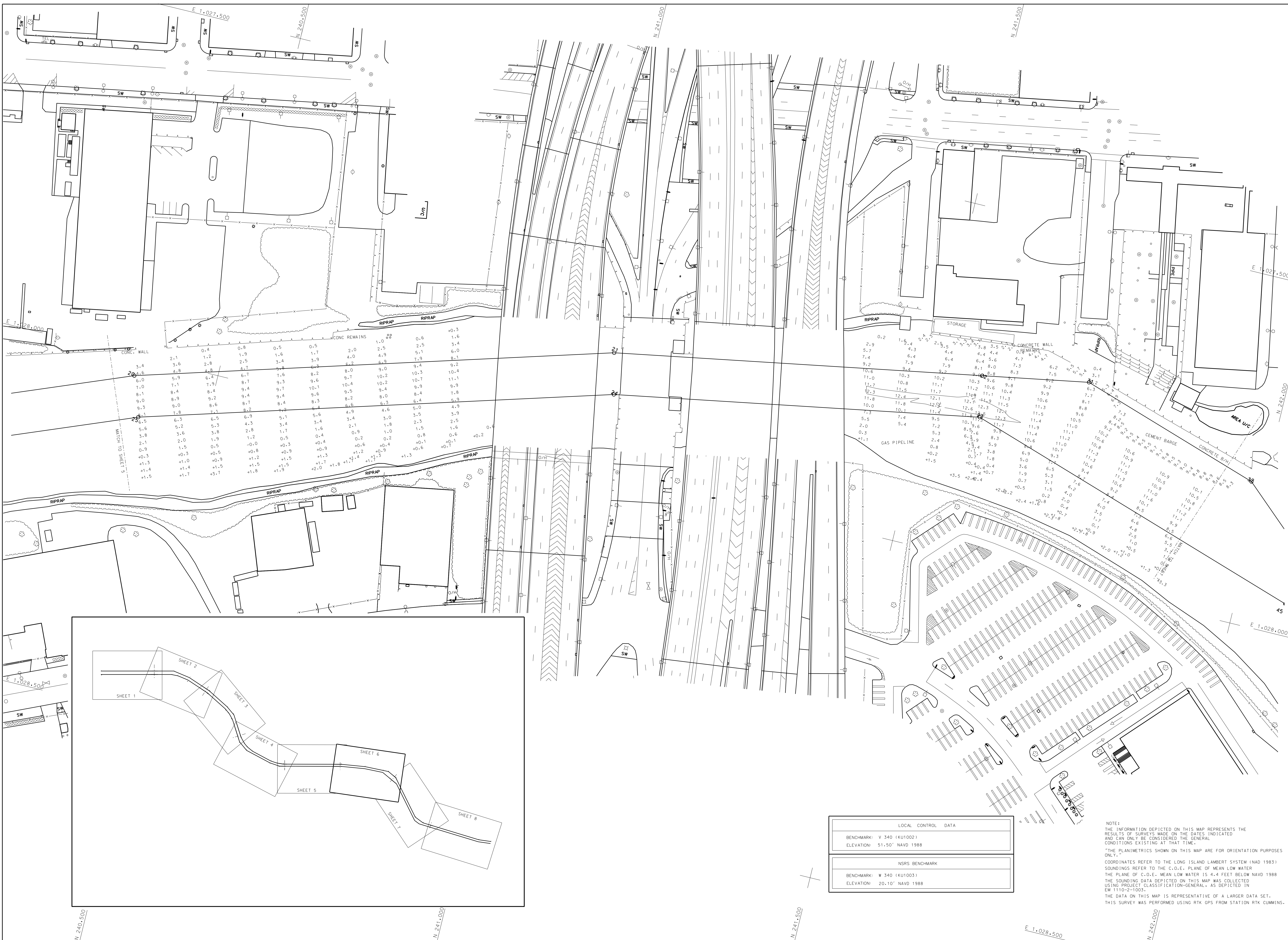
FIELD BOOKS:
 12524

APPROVED: D. SWAIN
 APPROVED: M. FORTE
 APPROVED: D. CLARKE
 APPROVED: E. POSTOLONE

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

OPERATIONS DIVISION
 SURVEY SECTION
 GENR-OPS

WESTCHESTER CREEK
 NEW YORK
 CONDITION SURVEY



LOCAL CONTROL DATA	
BENCHMARK:	V 340 (KU1002)
ELEVATION:	51.50' NAVD 1988
NRSR BENCHMARK	
BENCHMARK:	W 340 (KU1003)
ELEVATION:	20.10' NAVD 1988

NOTE:
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 THE DATA ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.
 THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RTK CUMMINS.

DATE OF SURVEY:
 13 & 14 JULY
 13-16 AUGUST 2012

SCALE:
 ONE INCH = 50 FEET

FIELD BOOKS:
 13284

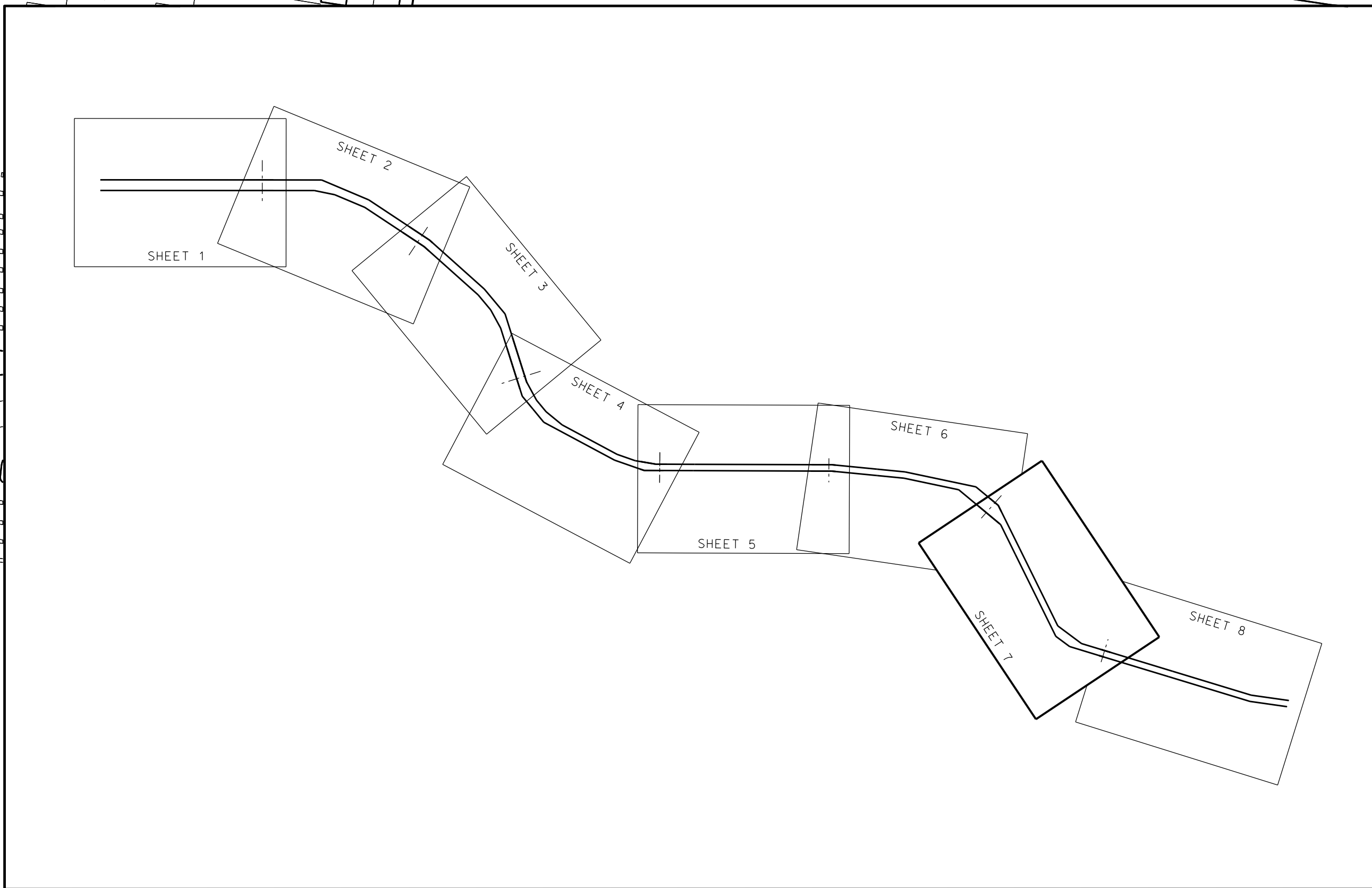
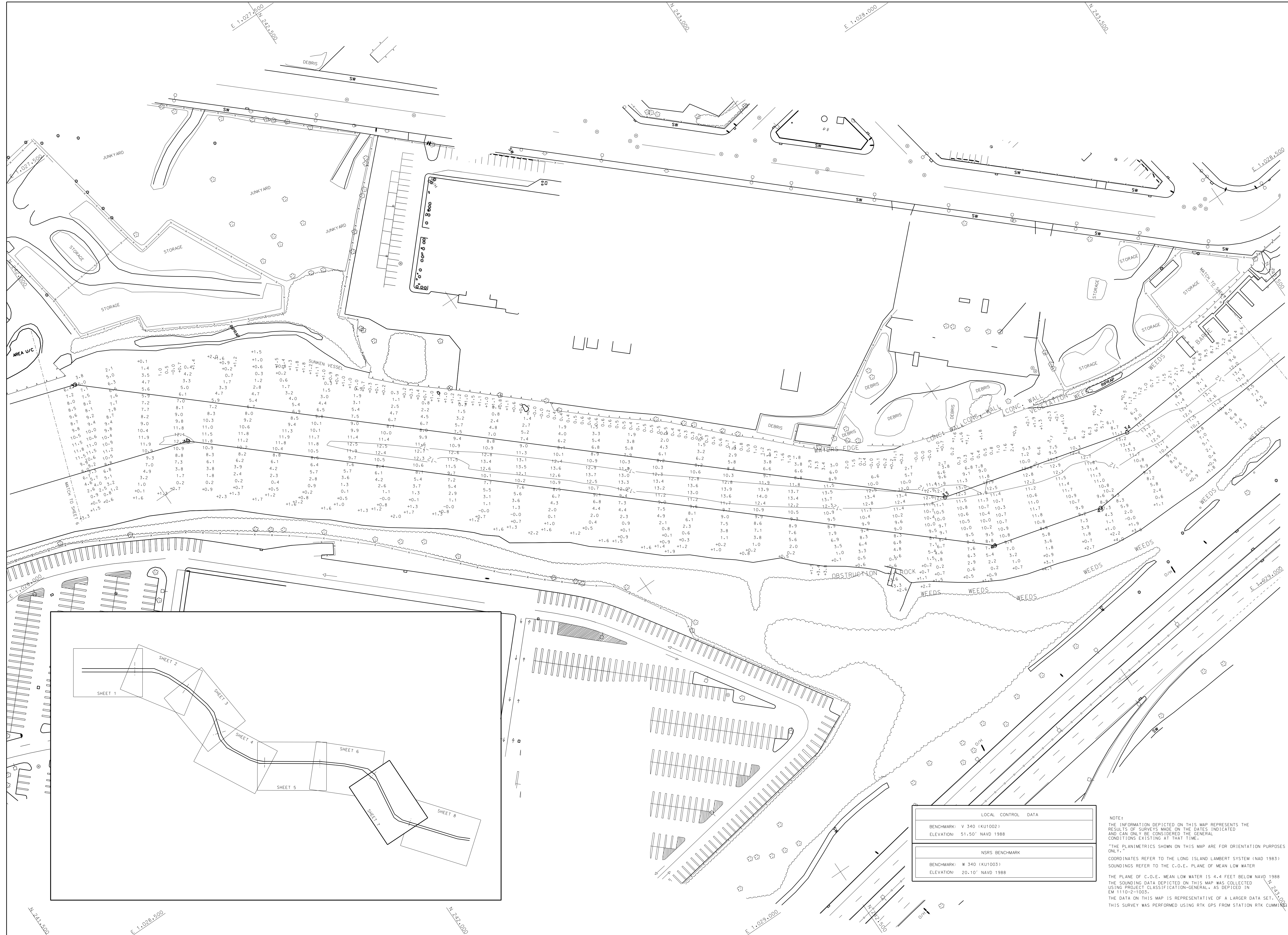
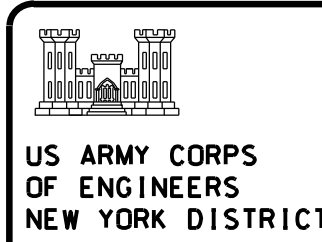
APPROVED: D. SWAIN
 APPROVED: M. FORTE
 APPROVED: D. CLARKE
 DATE: 23 AUGUST 2012

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

WESTCHESTER CREEK
 NEW YORK
 CONDITION SURVEY

VH-106

SHEET 6 OF 8



LOCAL CONTROL DATA	
BENCHMARK: V 340 (KU1002)	
ELEVATION: 51.50' NAVD 1988	
NSRS BENCHMARK	
BENCHMARK: N 340 (KU1003)	
ELEVATION: 20.10' NAVD 1988	

NOTE:
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 THE PLANE OF C.O.E. MEAN LOW WATER IS 4.4 FEET BELOW NAVD 1988 THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION-GENERAL, AS DEPICTED IN EM 1110-2-1003.
 THE DATA ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET. THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RTK CUMMINS

DATE OF SURVEY:
 13-16 AUG 2012

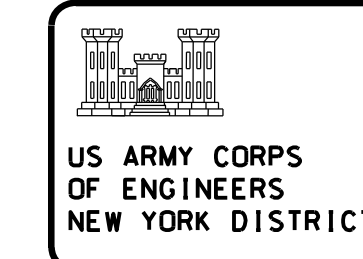
SCALE:
 ONE INCH = 50 FEET

FIELD BOOKS:
 1588A

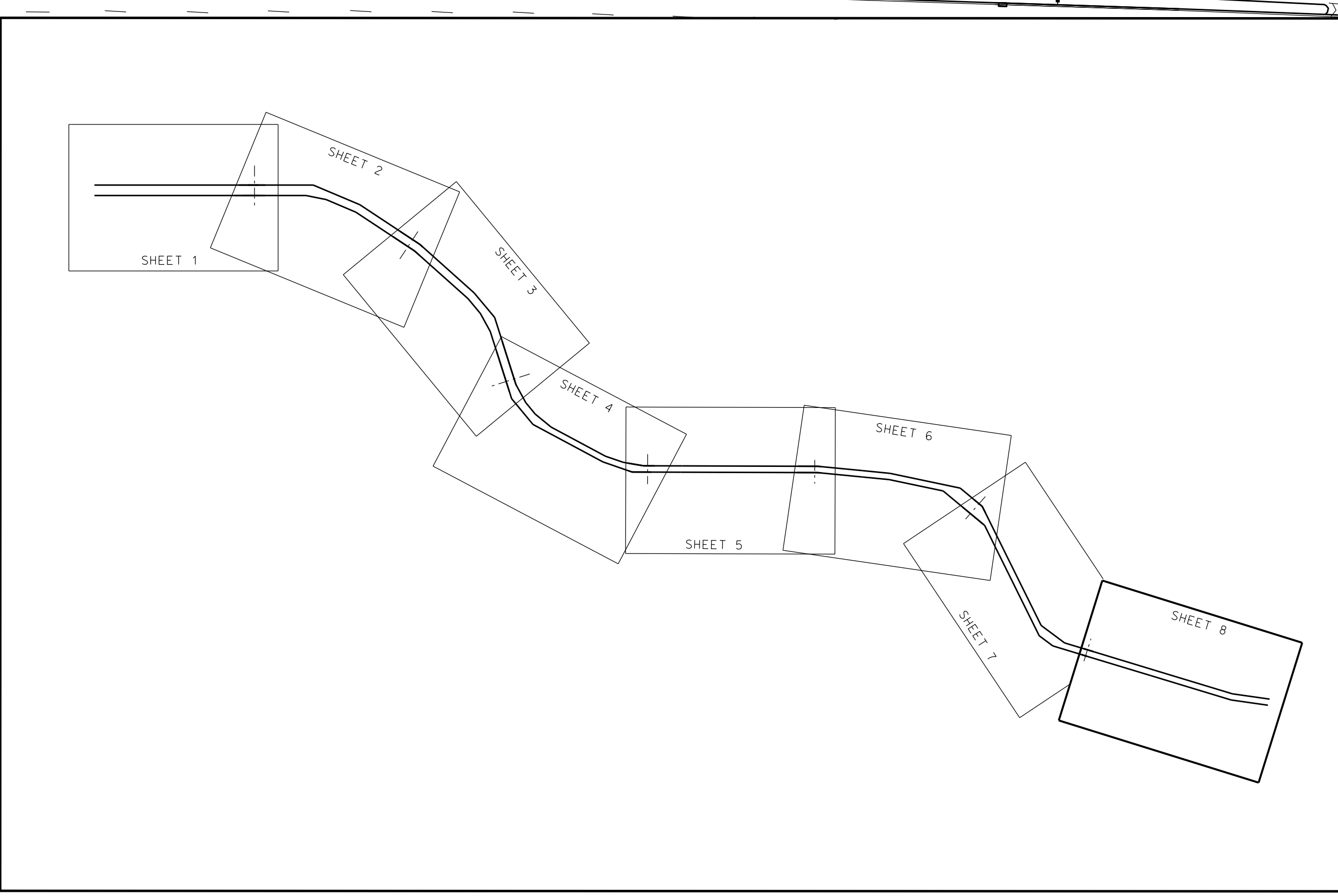
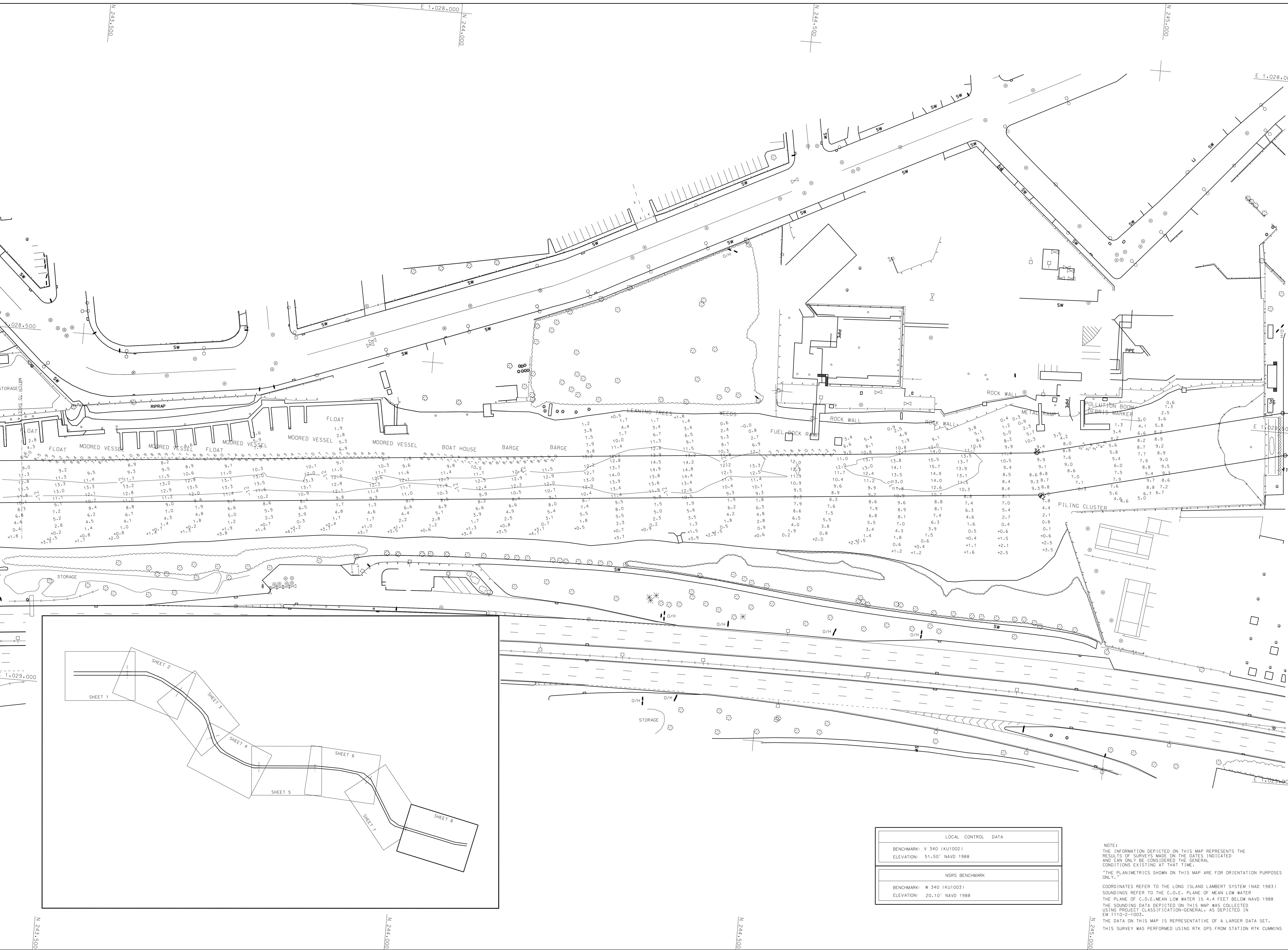
APPROVED: D. SWAIN (FIELD COMMANDER)
 APPROVED: M. FORTE (CITY ENGINEERING TITRATION)
 APPROVED: D. CLARKE (CIVIL ENGINEERING)
 APPROVED: E. POSTILLON (SURVEYING)
 DATE: 23 AUGUST 2012

DEPARTMENT OF THE ARMY
 NEW YORK DISTRICT
 CORPS OF ENGINEERS
 NEW YORK - NEW YORK 10278
 OPERATIONS DIVISION
 SURVEY SECTION
 GENM-OPS

WESTCHESTER CREEK
 NEW YORK
 CONDITION SURVEY
 VH-107
 SHEET 7 OF 8



US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT



LOCAL CONTROL DATA	
BENCHMARK: V 340 (KU1002)	ELEVATION: 51.50' NAVD 1988
NSRS BENCHMARK	
BENCHMARK: W 340 (KU1003)	ELEVATION: 20.10' NAVD 1988

NOTE:
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THE PLANE OF C.O.E. MEAN LOW WATER IS 4.4 FEET BELOW NAVD 1988
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THE DATA ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.
THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RTK CUMMINS

DATES OF SURVEY:
13 & 14 JULY
13-16 AUG 2012

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
12264

APPROVED: D. SWAIN
APPROVED: M. FORTE
APPROVED: D. CLARKE
APPROVED: E. POSTOLIDIS

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278
OPERATIONS DIVISION
SURVEY SECTION
CEMANN-OPS

WESTCHESTER CREEK
NEW YORK
CONDITION SURVEY

VH-108
SHEET 8 OF 8