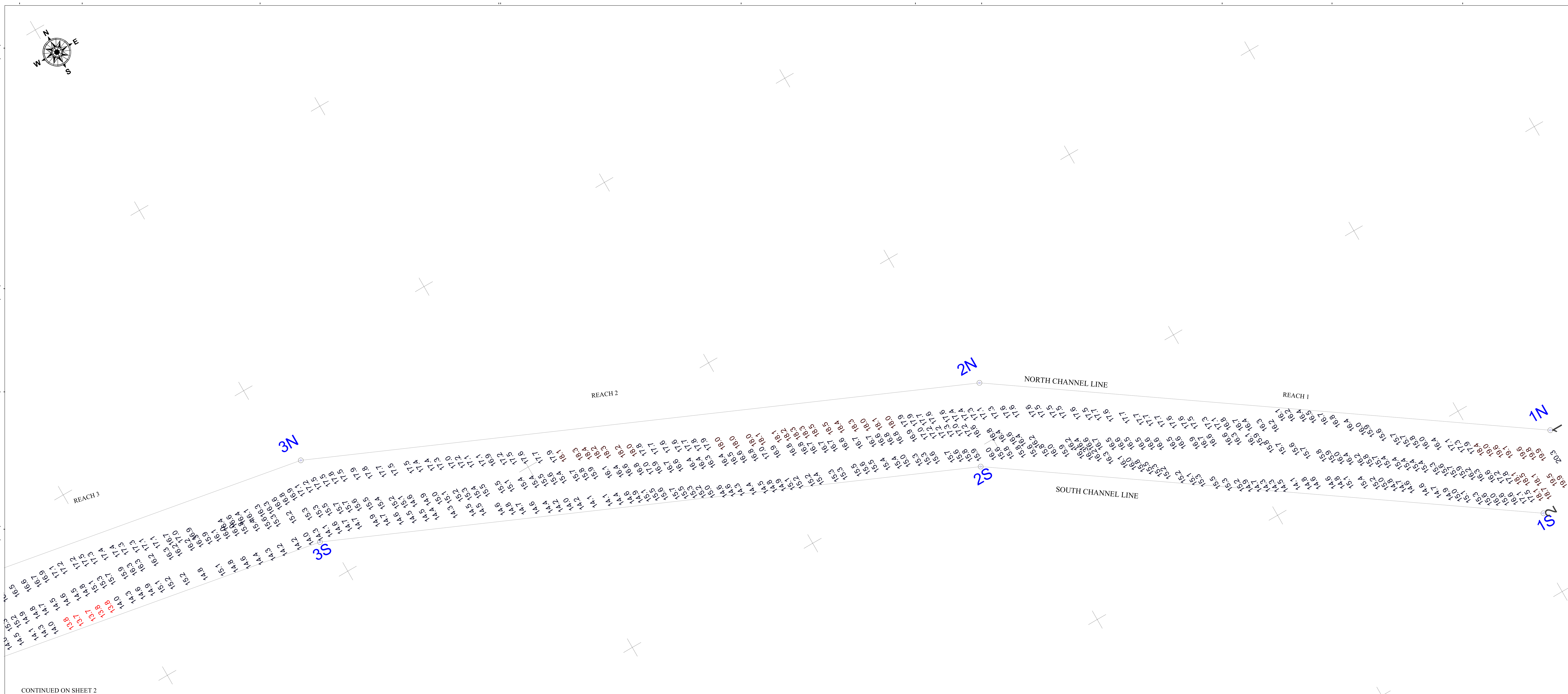
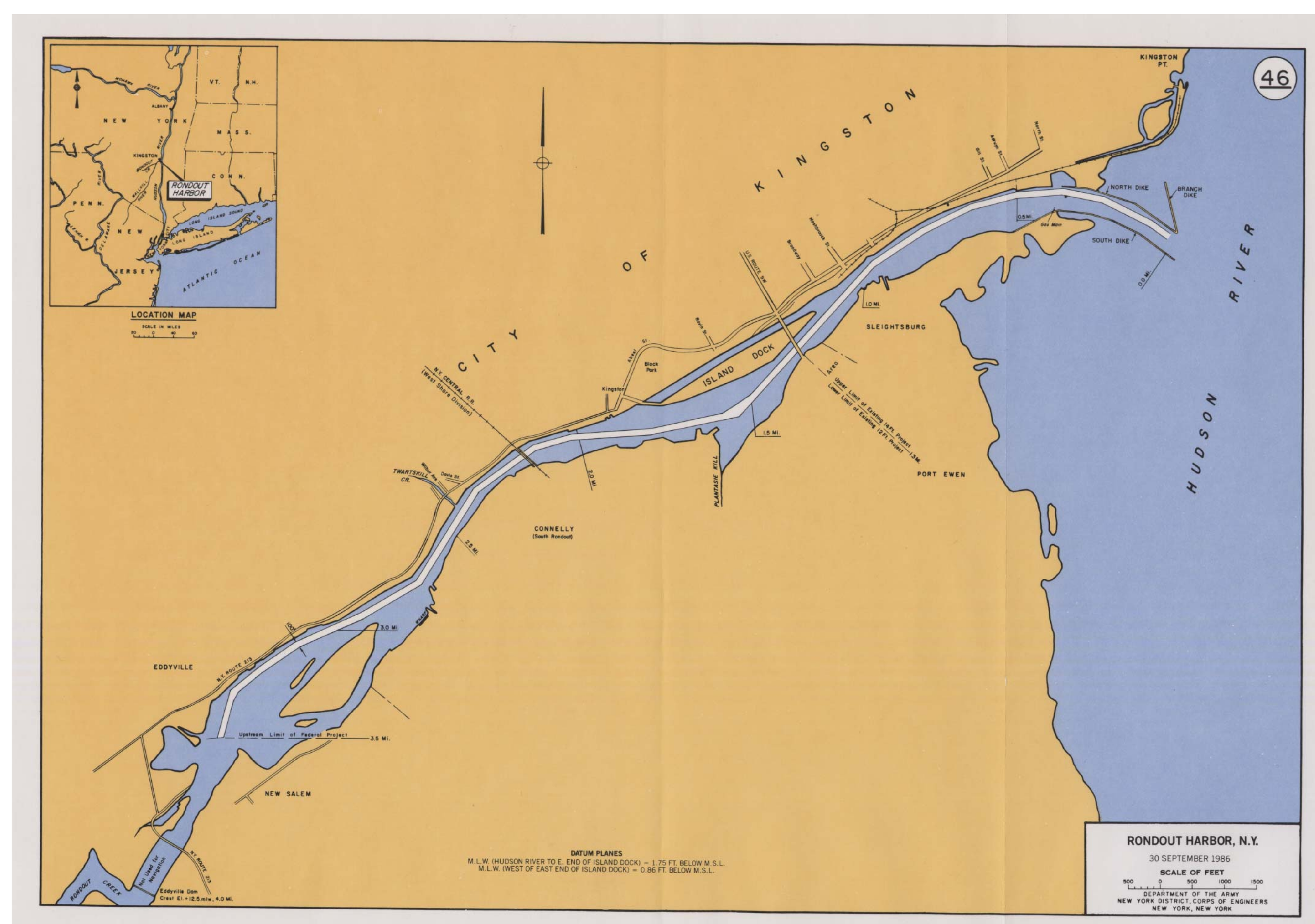
U.S. Army Corps of Engineers



CONTINUED ON SHEET 2

RONDOUT COORDINATES IN NAD-83		
PTS	EASTING(X)	NORTHING(Y)
1N	638584.619	1124924.816
2N	638019.512	1125316.657
3N	637267.709	1125643.437
4N	636733.188	1125738.441
5N	635923.535	1125680.905
6N	635293.609	1125492.385
7N	634549.729	1125118.231
8N	633662.101	1124520.277
9N	631827.574	1122435.633
10N	631362.798	1122145.71
11N	630244.805	1121910.221
12N	628286.654	1121564.869
13N	627684.358	1120965.144
14N	626593.202	1119388.641
15N	625959.606	1118954.347
16N	625217.428	1118693.305
17N	624201.427	1118054.857
18N	623820.644	1117730.85
19N	623655.594	1117050.619
1S	638527.641	1124842.648
2S	637970.724	1125228.876
3S	637238.628	1125547.044
4S	636727.904	1125637.815
5S	635941.638	1125581.434
6S	635330.699	1125399.111
7S	634600.325	1125031.754
8S	633728.655	1124444.55
9S	631673.256	1122108.917
10S	630263.795	1121812.032
11S	628499.249	1121500.826
12S	628216.727	1121354.133
13S	627761.389	1120900.727
14S	626664.939	1119316.574
15S	626005.249	1118864.4
16S	625261.152	1118602.684
17S	624260.731	1117974.026
18S	624058.166	1117801.669
19S	623864.346	1117486.876
20S	623752.765	1117027.04

Corner:
636,533 X
1,125,083 Y



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.

COORDINATES REFER TO THE NAD 1983 NEW YORK STATE PLANE EAST SYSTEM AND ARE EXPRESSED IN FEET.

SOUNDINGS REFER TO MEAN LOW LOW WATER AS DETERMINED FROM BENCHMARK KINGSTON DIKE.

BENCHMARK ELEVATION IS 1.26 FEET ABOVE NAVD 88.
THE PLANE OF MEAN LOW LOW WATER IS 2.56 FEET BELOW NAVD 88.

NOT TO BE USED FOR NAVIGATION.

US Army Corps of Engineers
New York District

Mark	Description	Date	Appr

U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NY

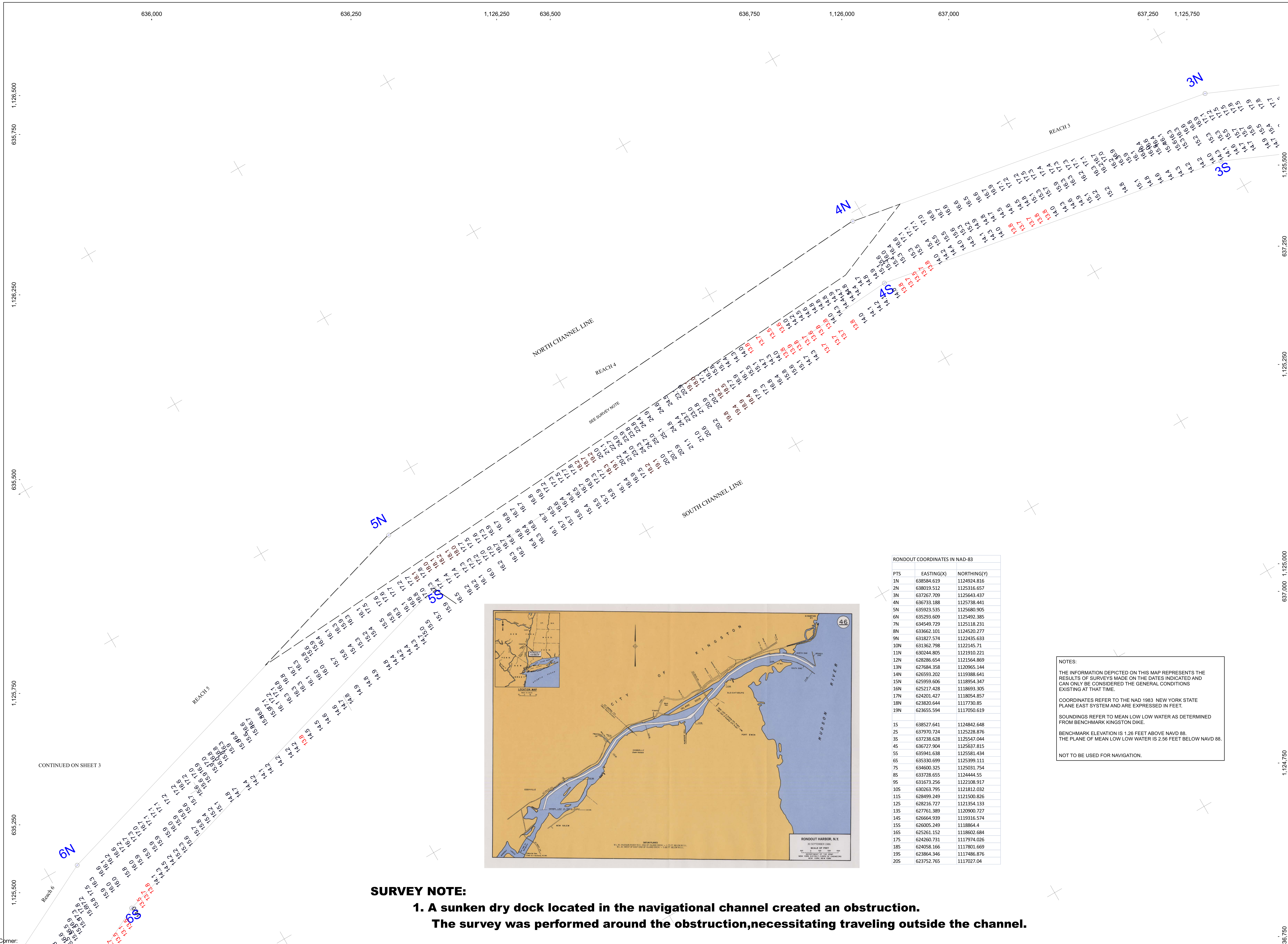
RECOMMENDED BY: JAMES SMITH, CIVIL ENGINEERING

APPROVED BY: WILLIAM F. PETRONIS, CHIEF, ALBANY FIELD OFFICE

DRAWN BY Daniel J. Karlok
DESIGNED BY R. BERRIAN
REVIEWED BY J. SMITH
REVIEWED BY WILLIAM F. PETRONIS

Date: 12/23/14
Survey Date: 12/04/14
Contract no.:
Plot date:
Plot by: Daniel J. Karlok
Scale: 1" = 50'

RONDOUT CREEK
REACH 1 TO 17
KINGSTON, NY 12401



RONDOUT COORDINATES IN NAD-83		
PTS	EASTING(X)	NORTHING(Y)
1N	638584.619	1124924.816
2N	638019.512	1125316.657
3N	637267.709	1125643.437
4N	636733.188	1125738.441
5N	635923.535	1125680.905
6N	635293.609	1125492.385
7N	634549.729	1125118.231
8N	633662.101	1124520.277
9N	631827.574	1122435.633
10N	631362.798	1122145.71
11N	630244.805	1121910.221
12N	628286.654	1121564.869
13N	627684.358	1120965.144
14N	626593.202	1119388.641
15N	625959.606	1118954.347
16N	625217.428	1118693.305
17N	624201.427	1118054.857
18N	623820.644	1117730.85
19N	623655.594	1117050.619
1S	638527.641	1124842.648
2S	637970.724	1125228.876
3S	637238.628	1125547.044
4S	636727.904	1125637.815
5S	635941.638	1125581.434
6S	635330.699	1125399.111
7S	634600.325	1125031.754
8S	633728.655	1124444.55
9S	631673.256	1122108.917
10S	630263.795	1121812.032
11S	628499.249	1121500.826
12S	628216.727	1121354.133
13S	627761.389	1120900.727
14S	626664.939	1119316.574
15S	626005.249	1118864.4
16S	625261.152	1118602.684
17S	624260.731	1117974.026
18S	624058.166	1117801.669
19S	623864.346	1117486.876
20S	623752.765	1117027.04

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.

COORDINATES REFER TO THE NAD 1983 NEW YORK STATE PLANE EAST SYSTEM AND ARE EXPRESSED IN FEET.

SOUNDINGS REFER TO MEAN LOW LOW WATER AS DETERMINED FROM BENCHMARK KINGSTON DIKE.

BENCHMARK ELEVATION IS 1.26 FEET ABOVE NAVD 88.
THE PLANE OF MEAN LOW LOW WATER IS 2.56 FEET BELOW NAVD 88.

NOT TO BE USED FOR NAVIGATION.

SURVEY NOTE:

1. A sunken dry dock located in the navigational channel created an obstruction.
   The survey was performed around the obstruction,necessitating traveling outside the channel.

US Army Corps of Engineers
New York District

U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NY

RECOMMENDED BY: JAMES SMITH, CIVIL ENGINEERING

APPROVED BY: WILLIAM F. PETRONIS, CHIEF, ALBANY FIELD OFFICE

DRAWN BY Daniel J. Karlok

DESIGNED BY R. BERRIAN

REVIEWED BY J. SMITH

REVIEWED BY WILLIAM F. PETRONIS

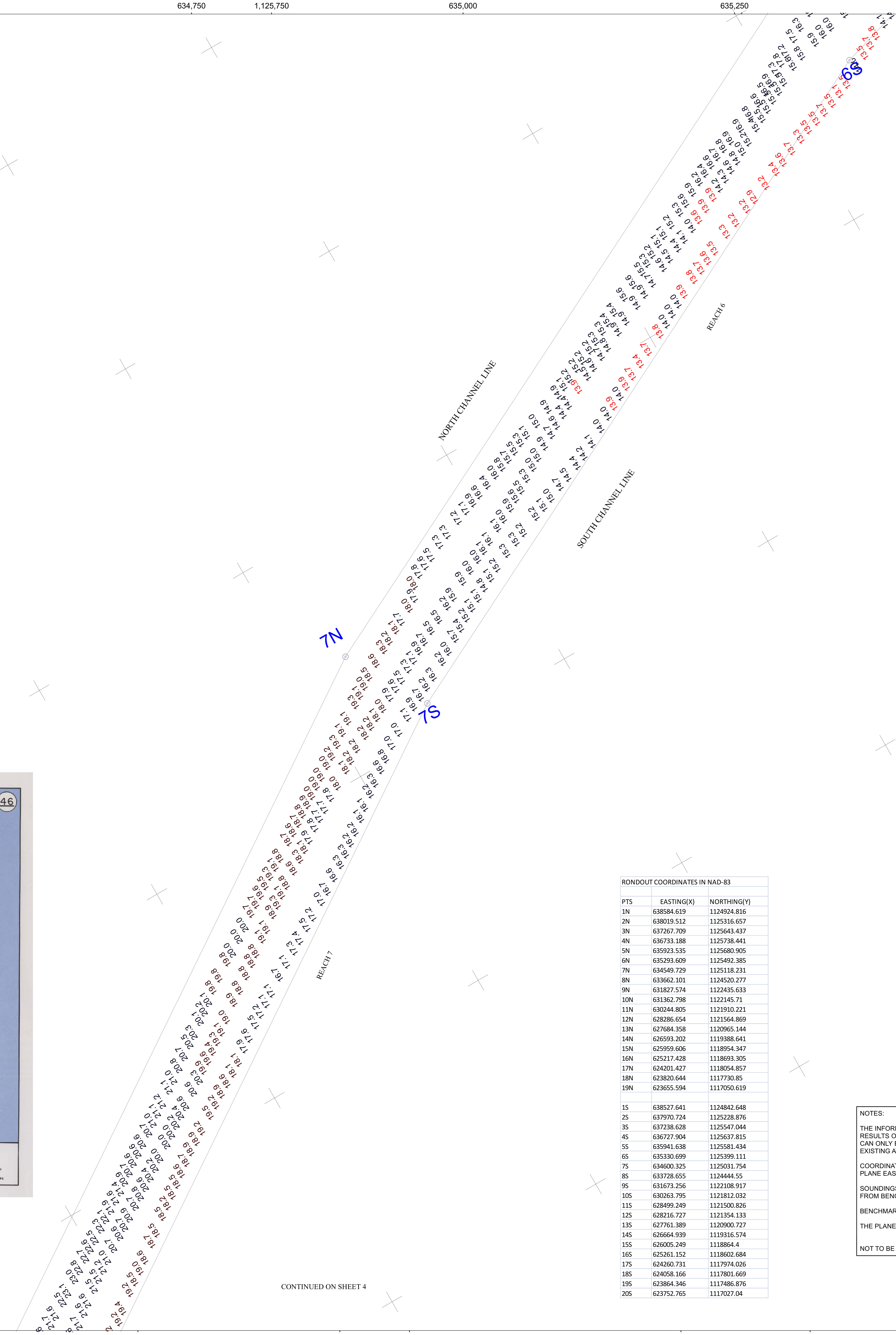
Date: 12/23/14

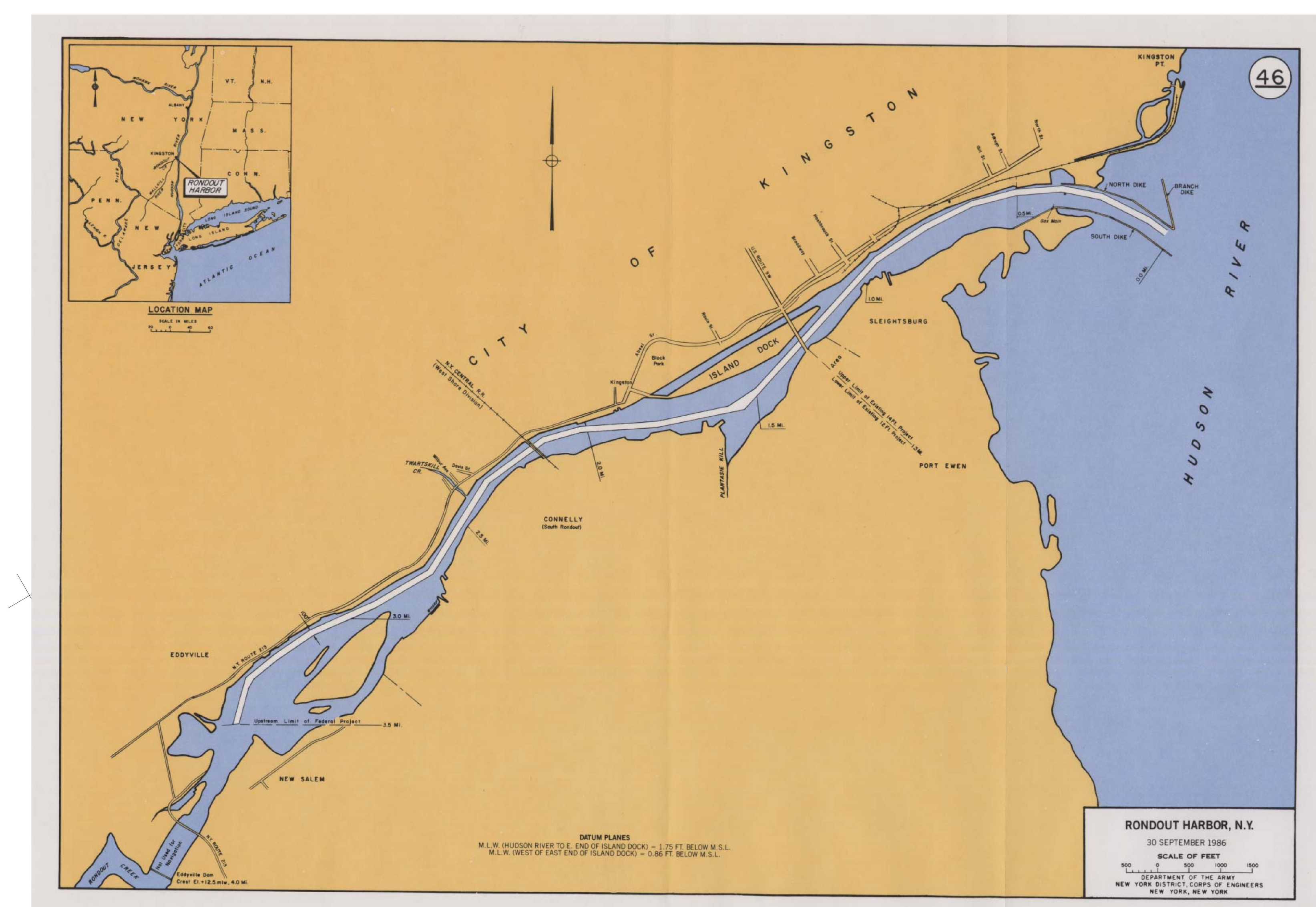
Survey Date: 12/04/14

Contract no.:

Plot date:
Plot by: Daniel J. Karlok
Scale: 1" = 50'

RONDOUT CREEK
REACH 1 TO 17
KINGSTON, NY 12401





CONTINUED ON SHEET 4

Corner:
633,313 X
1,125,004 Y

RONDOUT COORDINATES IN NAD-83		
PTS	EASTING(X)	NORTHING(Y)
1N	638584.619	1124924.816
2N	638019.512	1125316.657
3N	637267.709	1125643.437
4N	636733.188	1125738.441
5N	635923.535	1125680.905
6N	635293.609	1125492.385
7N	634549.729	1125118.231
8N	633662.101	1124520.277
9N	631827.574	1122435.633
10N	631362.798	1122145.71
11N	630244.805	1121910.221
12N	628286.654	1121564.869
13N	627684.358	1120965.144
14N	626593.202	1119388.641
15N	625959.606	1118954.347
16N	625217.428	1118693.305
17N	624201.427	1118054.857
18N	623820.644	1117730.85
19N	623655.594	1117050.619
1S	638527.641	1124842.648
2S	637970.724	1125228.876
3S	637238.628	1125547.044
4S	636727.904	1125637.815
5S	635941.638	1125581.434
6S	635330.699	1125399.111
7S	634600.325	1125031.754
8S	633728.655	1124444.55
9S	631673.256	1122108.917
10S	630263.795	1121812.032
11S	628499.249	1121500.826
12S	628216.727	1121354.133
13S	627761.389	1120900.727
14S	626664.939	1119316.574
15S	626005.249	1118864.4
16S	625261.152	1118602.684
17S	624260.731	1117974.026
18S	624058.166	1117801.669
19S	623864.346	1117486.876
20S	623752.765	1117027.04

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.

COORDINATES REFER TO THE NAD 1983 NEW YORK STATE PLANE EAST SYSTEM AND ARE EXPRESSED IN FEET.

SOUNDINGS REFER TO MEAN LOW LOW WATER AS DETERMINED FROM BENCHMARK KINGSTON DIKE.

BENCHMARK ELEVATION IS 1.26 FEET ABOVE NAVD 88.

THE PLANE OF MEAN LOW LOW WATER IS 2.56 FEET BELOW NAVD 88.

NOT TO BE USED FOR NAVIGATION.

US Army Corps of Engineers
New York District

Mark	Date	Description	Appr

Mark	Date	Description	Appr

U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NY

RECOMMENDED BY: JAMES SMITH, CIVIL ENGINEERING

APPROVED BY: WILLIAM F. PETRONIS, CHIEF, ALBANY FIELD OFFICE

DRAWN BY Daniel J. Karlok

DESIGNED BY R. BERRIAN

REVIEWED BY J. SMITH

REVIEWED BY WILLIAM F. PETRONIS

Date: 12/23/14

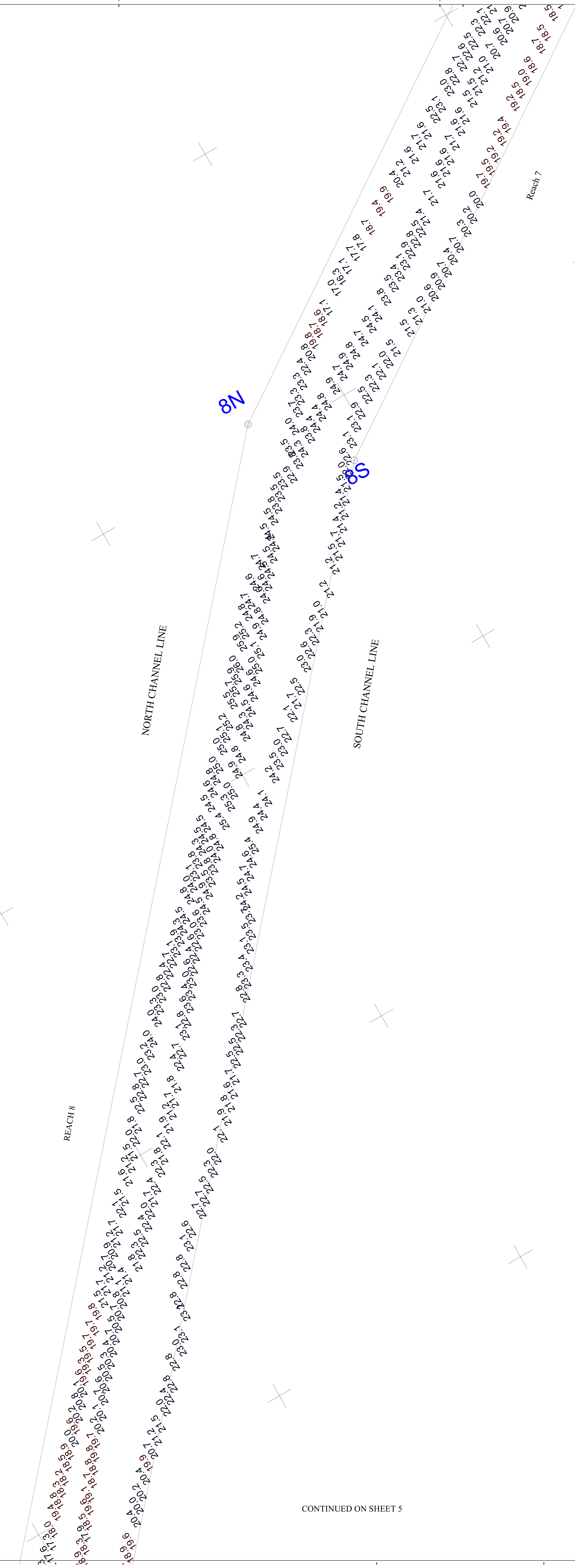
Survey Date: 12/04/14

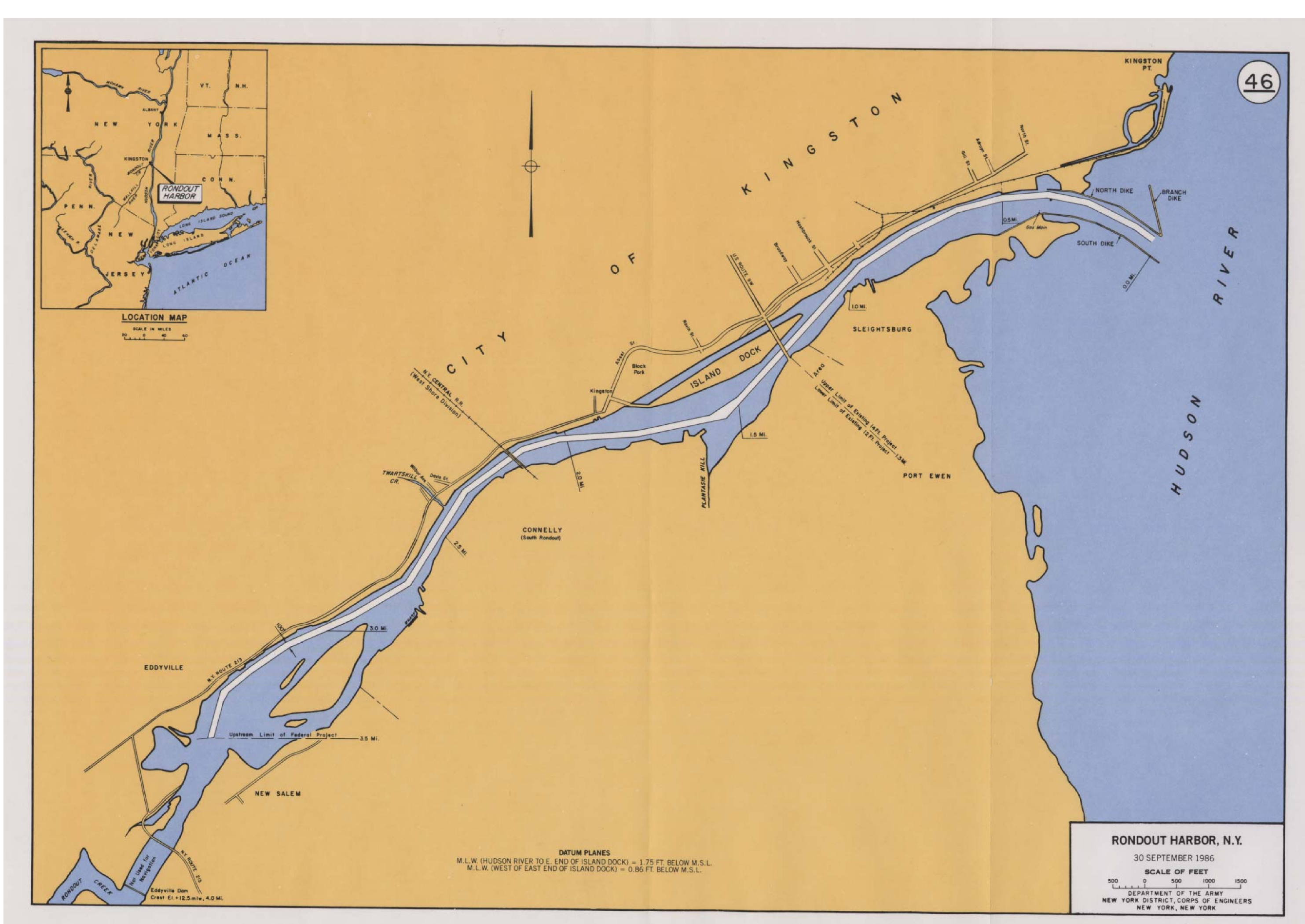
Contract no.:

Plot date:
Plot by: Daniel J. Karlok
Scale: 1" = 50'

RONDOUT CREEK
REACH 1 TO 17
KINGSTON, NY 12401

Sheet reference number:
3 of 12





Corner:
632,372 X
1,124,082 Y

CONTINUED ON SHEET 5

RONDOUT COORDINATES IN NAD-83		
PTS	EASTING(X)	NORTHING(Y)
1N	638584.619	1124924.816
2N	638019.512	1125316.657
3N	637267.709	1125643.437
4N	636733.188	1125738.441
5N	635923.535	1125680.905
6N	635293.609	1125492.385
7N	634549.729	1125118.231
8N	633662.101	1124520.277
9N	631827.574	1122435.633
10N	631362.798	1122145.71
11N	630244.805	1121910.221
12N	628286.654	1121564.869
13N	627684.358	1120965.144
14N	626593.202	1119388.641
15N	625959.606	1118954.347
16N	625217.428	1118693.305
17N	624201.427	1118054.857
18N	623820.644	1117730.85
19N	623655.594	1117050.619
1S	638527.641	1124842.648
2S	637970.724	1125228.876
3S	637238.628	1125547.044
4S	636727.904	1125637.815
5S	635941.638	1125581.434
6S	635330.699	1125399.111
7S	634600.325	1125031.754
8S	633728.655	1124444.55
9S	631673.256	1122108.917
10S	630263.795	1121812.032
11S	628499.249	1121500.826
12S	628216.727	1121354.133
13S	627761.389	1120900.727
14S	626664.939	1119316.574
15S	626005.249	1118864.4
16S	625261.152	1118602.684
17S	624260.731	1117974.026
18S	624058.166	1117801.669
19S	623864.346	1117486.876
20S	623752.765	1117027.04

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.

COORDINATES REFER TO THE NAD 1983 NEW YORK STATE PLANE EAST SYSTEM AND ARE EXPRESSED IN FEET.

SOUNDINGS REFER TO MEAN LOW LOW WATER AS DETERMINED FROM BENCHMARK KINGSTON DIKE.

BENCHMARK ELEVATION IS 1.26 FEET ABOVE NAVD 88.

THE PLANE OF MEAN LOW LOW WATER IS 2.56 FEET BELOW MEAN SEA LEVEL.

NOT TO BE USED FOR NAVIGATION.

US Army Corps of Engineers
New York District

Mark	Description	Date	Appr.

Mark	Description	Date	Appr.

U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NY

DRAWN BY Daniel J. Karlok
DESIGNED BY R. BERRIAN
REVIEWED BY J. SMITH
REVIEWED BY WILLIAM F. PETRONIS

RECOMMENDED BY: JAMES SMITH, CIVIL ENGINEERING
APPROVED BY: WILLIAM F. PETRONIS, CHIEF, ALBANY FIELD OFFICE

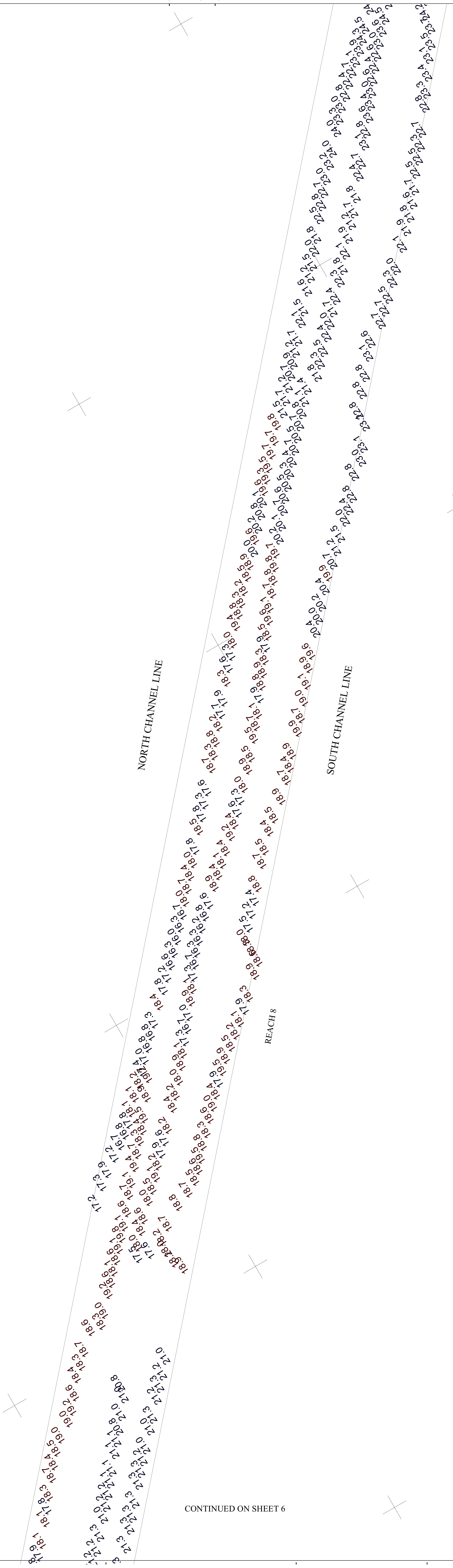
Date: 12/10/14
Survey Date: 12/04/14
Contract no.:
Plot date:
Plot by: Daniel J. Karlok
Scale: 1" = 50'

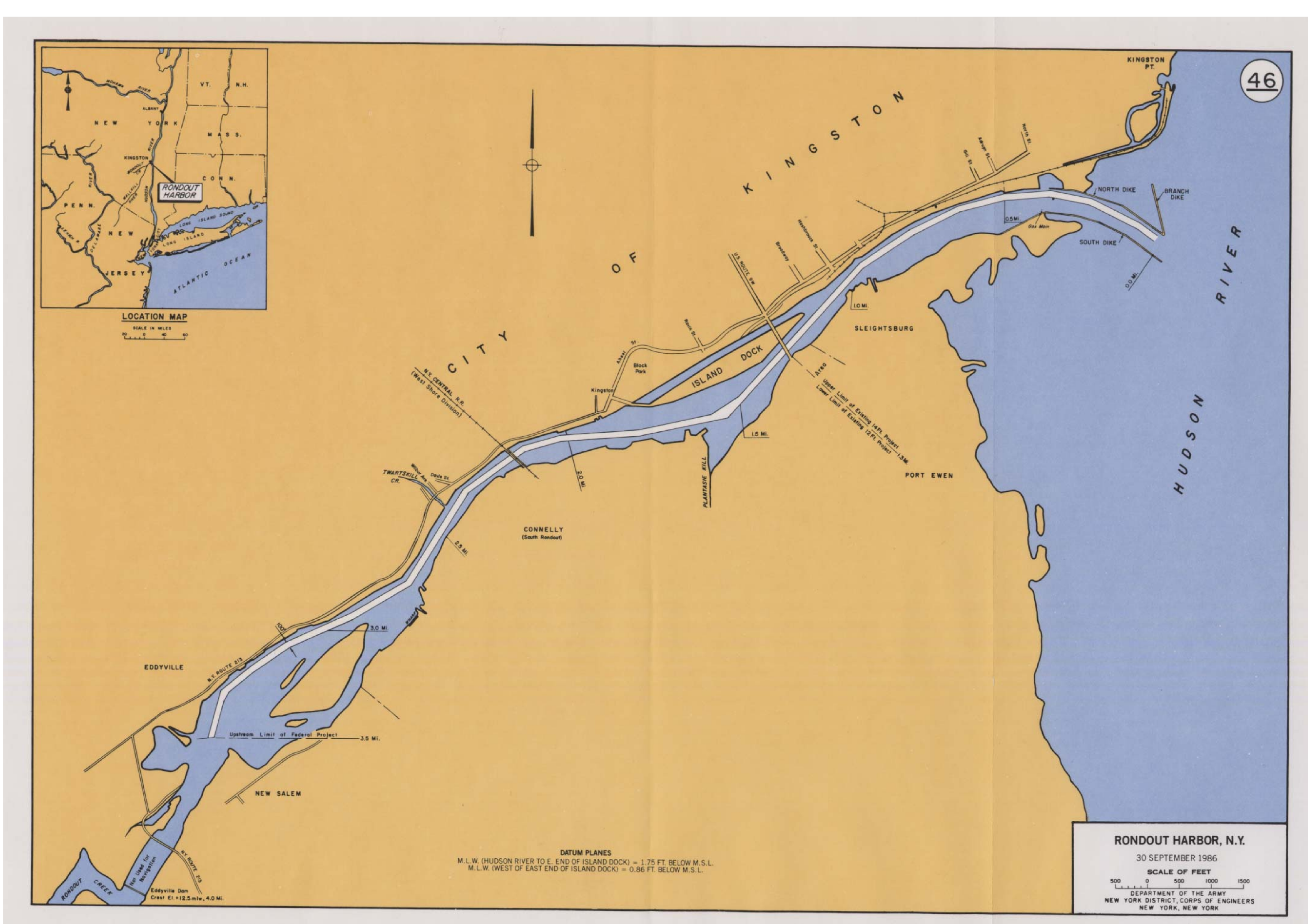
RONDOUT CREEK
REACH 1 TO 17
KINGSTON, NY 12401

U.S. Army Corps of Engineers

US Army Corps of Engineers New York District

632,500 632,750 1,124,500 633,000 633,250 1,124,250 633,500 1,124,000 633,750 634,000 1,123,750





CONTINUED ON SHEET 6

RONDOUT COORDINATES IN NAD-83		
PTS	EASTING(X)	NORTHING(Y)
1N	638584.619	1124924.816
2N	638019.512	1125316.657
3N	637267.709	1125643.437
4N	636733.188	1125738.441
5N	635923.535	1125680.905
6N	635293.609	1125492.385
7N	634549.729	1125118.231
8N	633662.101	1124520.277
9N	631827.574	1122435.633
10N	631362.798	1122145.71
11N	630244.805	1121910.221
12N	628286.654	1121564.869
13N	627684.358	1120965.144
14N	626593.202	1119388.641
15N	625959.606	1118954.347
16N	625217.428	1118693.305
17N	624201.427	1118054.857
18N	623820.644	1117730.85
19N	623655.594	1117050.619
1S	638527.641	1124842.648
2S	637970.724	1125228.876
3S	637238.628	1125547.044
4S	636727.904	1125637.815
5S	635941.638	1125581.434
6S	635330.699	1125399.111
7S	634600.325	1125031.754
8S	633728.655	1124444.55
9S	631673.256	1122108.917
10S	630263.795	1121812.032
11S	628499.249	1121500.826
12S	628216.727	1121354.133
13S	627761.389	1120900.727
14S	626664.939	1119316.574
15S	626005.249	1118864.4
16S	625261.152	1118602.684
17S	624260.731	1117974.026
18S	624058.166	1117801.669
19S	623864.346	1117486.876
20S	623752.765	1117027.04

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.

COORDINATES REFER TO THE NAD 1983 NEW YORK STATE PLANE EAST SYSTEM AND ARE EXPRESSED IN FEET.

SOUNDINGS REFER TO MEAN LOW LOW WATER AS DETERMINED FROM BENCHMARK Judge Longhorn.

BENCHMARK ELEVATION IS 2.42 FEET ABOVE NAVD 88.

THE PLANE OF MEAN LOW LOW WATER IS 2.56 FEET BELOW NAVD 88.

NOT TO BE USED FOR NAVIGATION.

Corner:
631,742 X
1,123,523 Y

631,750 1,123,500 632,000 1,123,250 632,250 632,500 1,123,000 632,750 633,000 1,122,750 633,250

Mark | Description | Date | Appr.
Mark | Description | Date | Appr.

U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NY

RECOMMENDED BY: JAMES SMITH, CIVIL ENGINEERING

APPROVED BY: WILLIAM F. PETRONIS, CHIEF, ALBANY FIELD OFFICE

DRAWN BY Daniel J. Karlok

DESIGNED BY R. BERRIAN

REVIEWED BY J. SMITH

REVIEWED BY WILLIAM F. PETRONIS

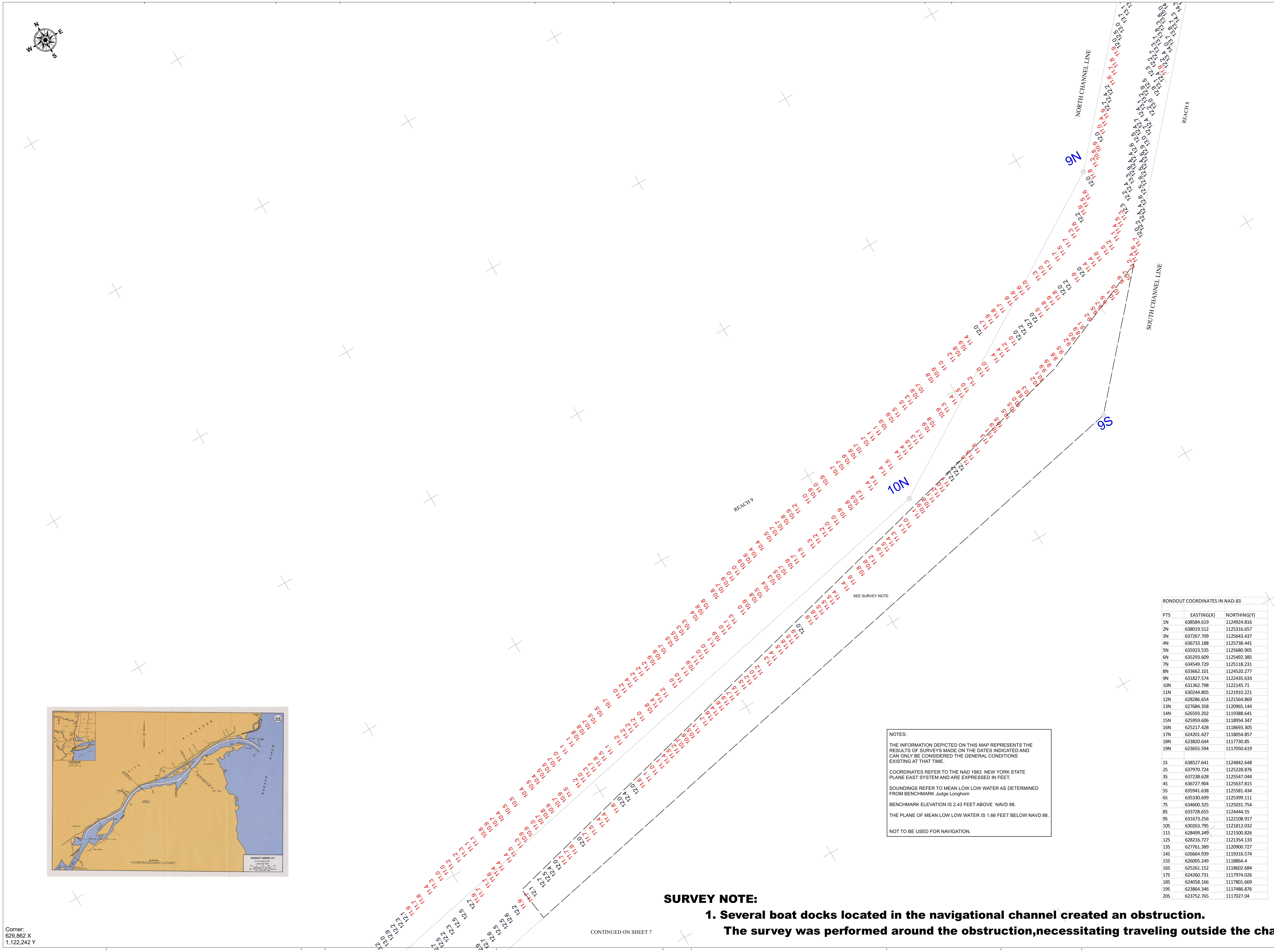
Date: 12/23/14

Survey Date: 12/04/14

Contract no.:

Plot date:
Plot by: Daniel J. Karlok
Scale: 1" = 50'

RONDOUT CREEK
REACH 1 TO 17
KINGSTON, NY 12401



CONTINUED ON SHEET 7

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.

COORDINATES REFER TO THE NAD 1983 NEW YORK STATE PLANE EAST SYSTEM AND ARE EXPRESSED IN FEET.

SOUNDINGS REFER TO MEAN LOW LOW WATER AS DETERMINED FROM BENCHMARK Judge Longhorn

BENCHMARK ELEVATION IS 2.43 FEET ABOVE NAVD 88.

THE PLANE OF MEAN LOW LOW WATER IS 1.66 FEET BELOW NAVD 88.

NOT TO BE USED FOR NAVIGATION.

SURVEY NOTE:

1. Several boat docks located in the navigational channel created an obstruction.
The survey was performed around the obstruction,necessitating traveling outside the channel.

RONDOUT COORDINATES IN NAD-83

PTS	EASTING(X)	NORTHING(Y)
1N	638584.619	1124924.816
2N	638019.512	1125316.657
3N	637267.709	1125643.437
4N	636733.188	1125738.441
5N	635923.535	1125680.905
6N	635293.609	1125492.385
7N	634549.729	1125118.231
8N	633662.101	1124520.277
9N	631827.574	1122435.633
10N	631362.798	1122145.71
11N	630244.805	1121910.221
12N	628286.654	1121564.869
13N	627684.358	1120965.144
14N	626593.202	1119388.641
15N	625959.606	1118954.347
16N	625217.428	1118693.305
17N	624201.427	1118054.857
18N	623820.644	1117730.85
19N	623655.594	1117050.619
1S	638527.641	1124842.648
2S	637970.724	1125228.876
3S	637238.628	1125547.044
4S	636727.904	1125637.815
5S	635941.638	1125581.434
6S	635330.699	1125399.111
7S	634600.325	1125031.754
8S	633728.655	1124444.55
9S	631673.256	1122108.917
10S	630263.795	1121812.032
11S	628499.249	1121500.826
12S	628216.727	1121354.133
13S	627761.389	1120900.727
14S	626664.939	1119316.574
15S	626005.249	1118864.4
16S	625261.152	1118602.684
17S	624260.731	1117974.026
18S	624058.166	1117801.669
19S	623864.346	1117486.876
20S	623752.765	1117027.04

US Army Corps of Engineers
New York District

Mark	Description	Date	Appr.

U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NY

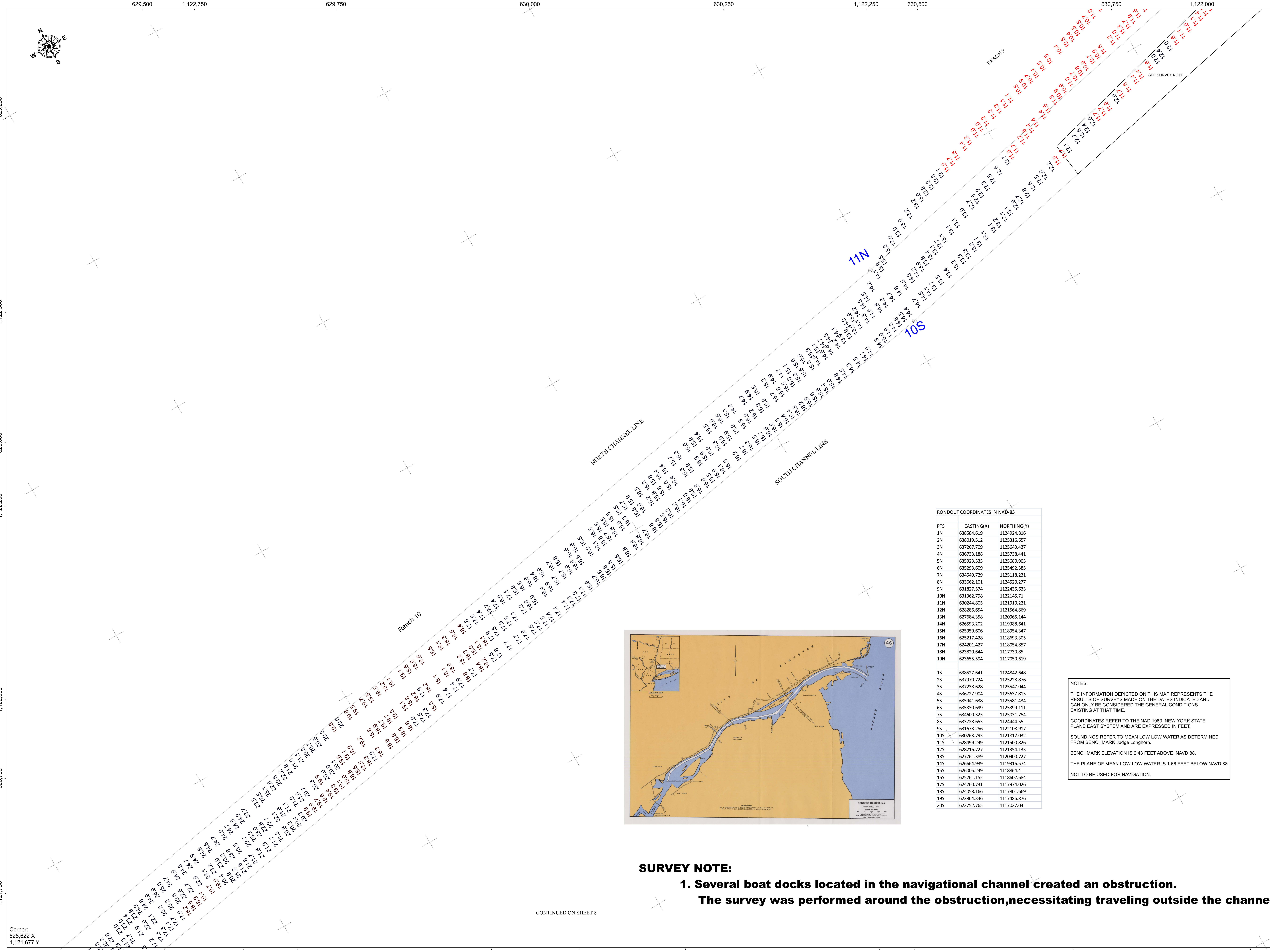
RECOMMENDED BY: JAMES SMITH
CIVIL ENGINEERING

APPROVED BY: WILLIAM F. PETRONIS
CHIEF, ALBANY FIELD OFFICE

DRAWN BY Daniel J. Karlok
DESIGNED BY R. BERRIAN
REVIEWED BY J. SMITH
REVIEWED BY WILLIAM F. PETRONIS

Date: 01/05/15
Survey Date: 12/04/14
Contract no.:
Plot date:
Plot by: Daniel J. Karlok
Scale: 1" = 50'

RONDOUT CREEK
REACH 1 TO 17
KINGSTON, NY 12401



RONDOUT COORDINATES IN NAD-83		
PTS	EASTING(X)	NORTHING(Y)
1N	638584.619	1124924.816
2N	638019.512	1125316.657
3N	637267.709	1125643.437
4N	636733.188	1125738.441
5N	635923.535	1125680.905
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11N	630244.805	1121910.221
12N	628286.654	1121564.869
13N	627684.358	1120965.144
14N	626593.202	1119388.641
15N	625959.606	1118954.347
16N	625217.428	1118693.305
17N	624201.427	1118054.857
18N	623820.644	1117730.85
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3S	637238.628	1125547.044
4S	636727.904	1125637.815
5S	635941.638	1125581.434
6S	635330.699	1125399.111
7S	634600.325	1125031.754
8S	633728.655	1124444.55
9S	631673.256	1122108.917
10S	630263.795	1121812.032
11S	628499.249	1121500.826
12S	628216.727	1121354.133
13S	627761.389	1120900.727
14S	626664.939	1119316.574
15S	626005.249	1118864.4
16S	625261.152	1118602.684
17S	624260.731	1117974.026
18S	624058.166	1117801.669
19S	623864.346	1117486.876
20S	623752.765	1117027.04

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.

COORDINATES REFER TO THE NAD 1983 NEW YORK STATE PLANE EAST SYSTEM AND ARE EXPRESSED IN FEET.

SOUNDINGS REFER TO MEAN LOW LOW WATER AS DETERMINED FROM BENCHMARK Judge Longhorn.

BENCHMARK ELEVATION IS 2.43 FEET ABOVE NAVD 88.

THE PLANE OF MEAN LOW LOW WATER IS 1.66 FEET BELOW NAVD 88

NOT TO BE USED FOR NAVIGATION.

SURVEY NOTE:

1. **Several boat docks located in the navigational channel created an obstruction. The survey was performed around the obstruction,necessitating traveling outside the channel.**

CONTINUED ON SHEET 8

U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NY

RECOMMENDED BY: JAMES SMITH, CIVIL ENGINEERING

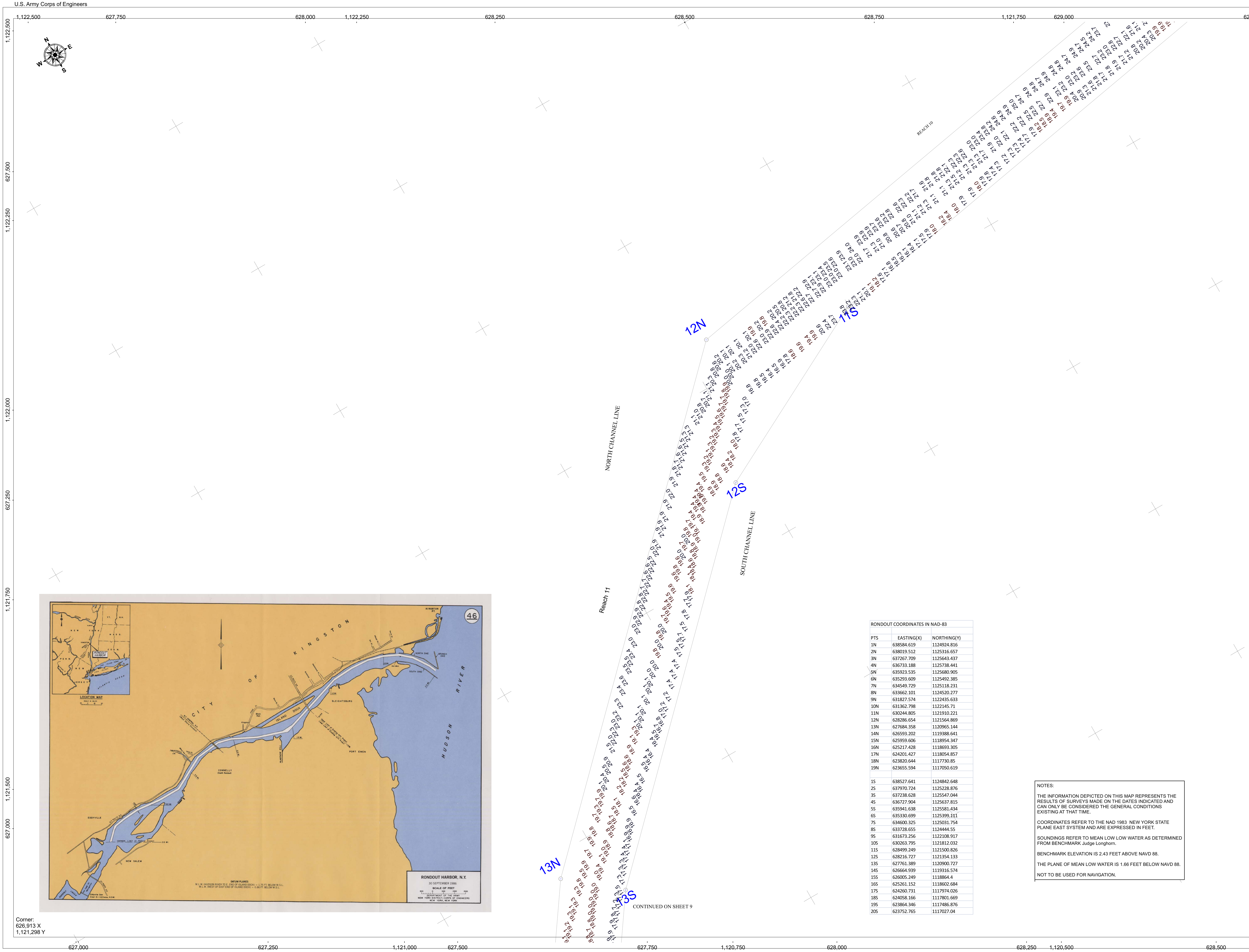
APPROVED BY: WILLIAM F. PETRONIS, CHIEF, ALBANY FIELD OFFICE

DRAWN BY Daniel J. Karlok
DESIGNED BY R. BERRIAN
REVIEWED BY J. SMITH
REVIEWED BY WILLIAM F. PETRONIS

Date: 01/05/15
Survey Date: 12/04/14
Contract no.:
Plot date:
Plot by: Daniel J. Karlok
Scale: 1" = 50'

Mark	Description	Date	Appr.

RONDOUT CREEK
REACH 1 TO 17
KINGSTON, NY 12401



RONDOUT COORDINATES IN NAD-83		
PTS	EASTING(X)	NORTHING(Y)
1N	638584.619	1124924.816
2N	638019.512	1125316.657
3N	637267.709	1125643.437
4N	636733.188	1125738.441
5N	635923.535	1125680.905
6N	635293.609	1125492.385
7N	634549.729	1125118.231
8N	633662.101	1124520.277
9N	631827.574	1122435.633
10N	631362.798	1122145.71
11N	630244.805	1121910.221
12N	628286.654	1121564.869
13N	627684.358	1120965.144
14N	626593.202	1119388.641
15N	625959.606	1118954.347
16N	625217.428	1118693.305
17N	624201.427	1118054.857
18N	623820.644	1117730.85
19N	623655.594	1117050.619
1S	638527.641	1124842.648
2S	637970.724	1125228.876
3S	637238.628	1125547.044
4S	636727.904	1125637.815
5S	635941.638	1125581.434
6S	635330.699	1125399.111
7S	634600.325	1125031.754
8S	633728.655	1124444.55
9S	631673.256	1122108.917
10S	630263.795	1121812.032
11S	628499.249	1121500.826
12S	628216.727	1121354.133
13S	627761.389	1120900.727
14S	626664.939	1119316.574
15S	626005.249	1118864.4
16S	625261.152	1118602.684
17S	624260.731	1117974.026
18S	624058.166	1117801.669
19S	623864.346	1117486.876
20S	623752.765	1117027.04

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.

COORDINATES REFER TO THE NAD 1983 NEW YORK STATE PLANE EAST SYSTEM AND ARE EXPRESSED IN FEET.

SOUNDINGS REFER TO MEAN LOW LOW WATER AS DETERMINED FROM BENCHMARK Judge Longhorn.

BENCHMARK ELEVATION IS 2.43 FEET ABOVE NAVD 88.

THE PLANE OF MEAN LOW WATER IS 1.66 FEET BELOW NAVD 88.

NOT TO BE USED FOR NAVIGATION.

US Army Corps of Engineers
New York District

U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NY

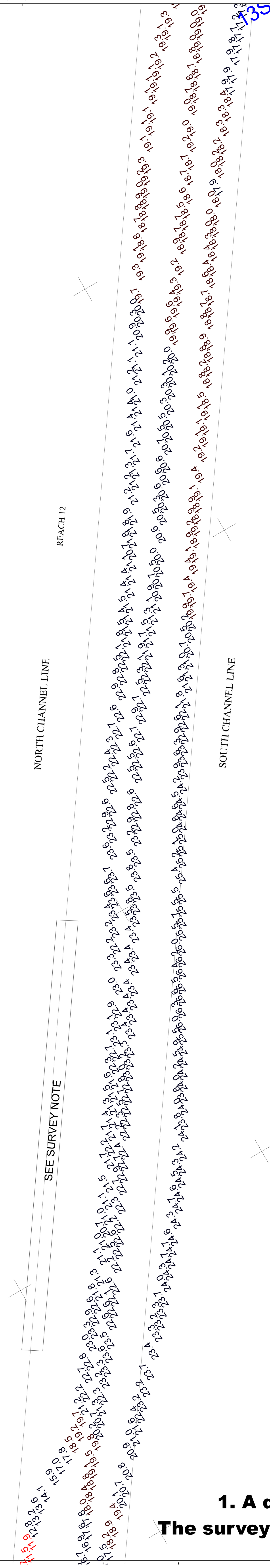
RECOMMENDED BY: JAMES SMITH, CIVIL ENGINEERING

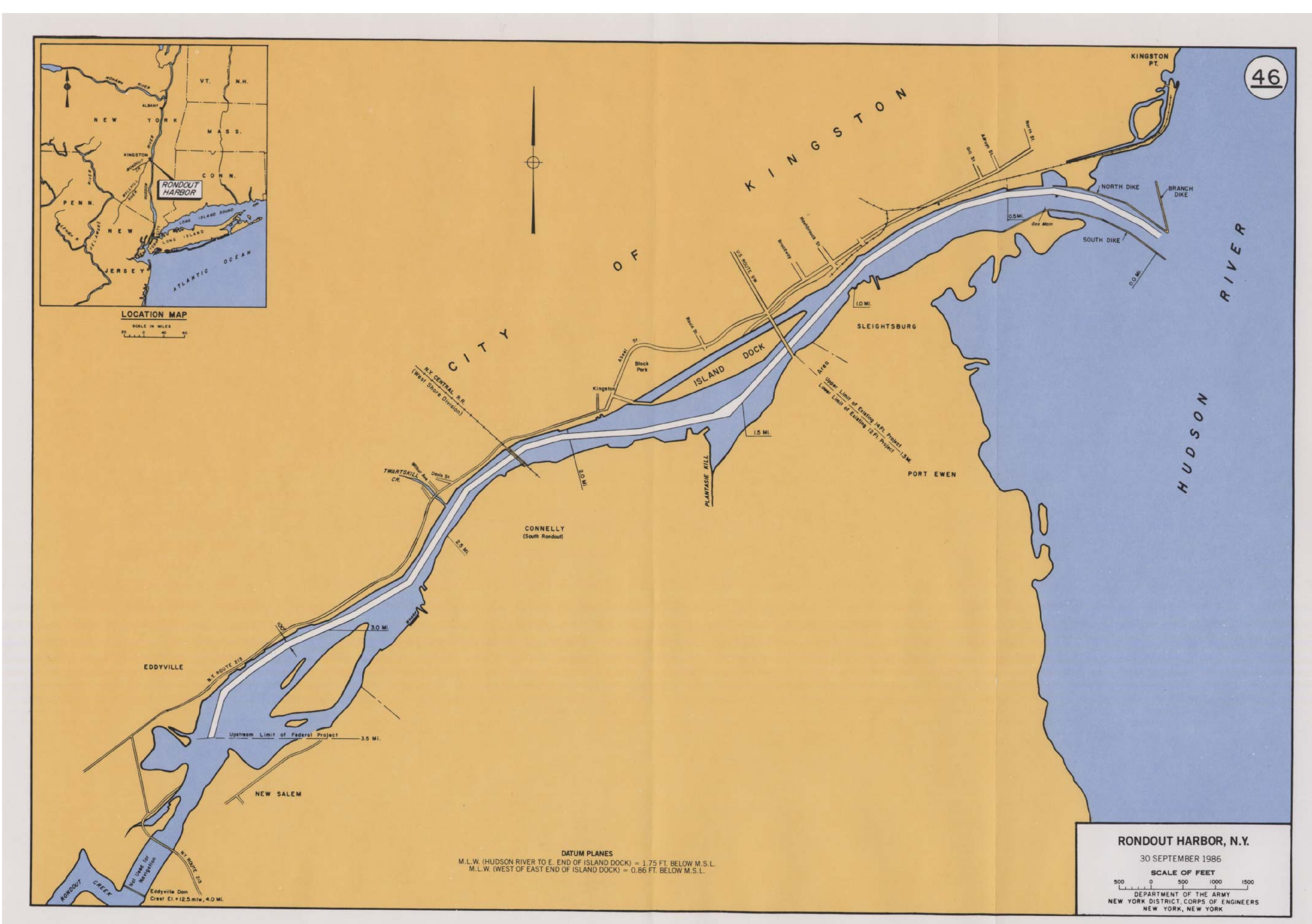
APPROVED BY: WILLIAM F. PETRONIS, CHIEF, ALBANY FIELD OFFICE

DRAWN BY Daniel J. Karlok
DESIGNED BY R. BERRIAN
REVIEWED BY J. SMITH
REVIEWED BY WILLIAM F. PETRONIS

Date: 01/05/15
Survey Date: 12/04/14
Contract no.:
Plot date:
Plot by: Daniel J. Karlok
Scale: 1" = 50'

RONDOUT CREEK
REACH 1 TO 17
KINGSTON, NY 12401





CONTINUED ON SHEET 10

Corner:
626,051 X
1,120,264 Y

RONDOUT COORDINATES IN NAD-83		
PTS	EASTING(X)	NORTHING(Y)
1N	638584.619	1124924.816
2N	638019.512	1125316.657
3N	637267.709	1125643.437
4N	636733.188	1125738.441
5N	635923.535	1125680.905
6N	635293.609	1125492.385
7N	634549.729	1125118.231
8N	633662.101	1124520.277
9N	631827.574	1122435.633
10N	631362.798	1122145.71
11N	630244.805	1121910.221
12N	628286.654	1121564.869
13N	627684.358	1120965.144
14N	626593.202	1119388.641
15N	625959.606	1118954.347
16N	625217.428	1118693.305
17N	624201.427	1118054.857
18N	623820.644	1117730.85
19N	623655.594	1117050.619
1S	638527.641	1124842.648
2S	637970.724	1125228.876
3S	637238.628	1125547.044
4S	636727.904	1125637.815
5S	635941.638	1125581.434
6S	635330.699	1125399.111
7S	634600.325	1125031.754
8S	633728.655	1124444.55
9S	631673.256	1122108.917
10S	630263.795	1121812.032
11S	628499.249	1121500.826
12S	628216.727	1121354.133
13S	627761.389	1120900.727
14S	626664.939	1119316.574
15S	626005.249	1118864.4
16S	625261.152	1118602.684
17S	624260.731	1117974.026
18S	624058.166	1117801.669
19S	623864.346	1117486.876
20S	623752.765	1117027.04

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.

COORDINATES REFER TO THE NAD 1983 NEW YORK STATE PLANE EAST SYSTEM AND ARE EXPRESSED IN FEET.

SOUNDINGS REFER TO MEAN LOW LOW WATER AS DETERMINED FROM BENCHMARK Martin's Dock.

BENCHMARK ELEVATION IS 3.64 FEET ABOVE NAVD 88.

THE PLANE OF MEAN LOW LOW WATER IS 1.65 FEET BELOW NAVD 88.

NOT TO BE USED FOR NAVIGATION.

SURVEY NOTE:

1. A dry dock barge located in the navigational channel created an obstruction. The survey was performed around the obstruction,necessitating traveling outside the channel.

US Army Corps of Engineers
New York District

Mark	Description	Date	Appr

Mark	Description	Date	Appr

U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NY

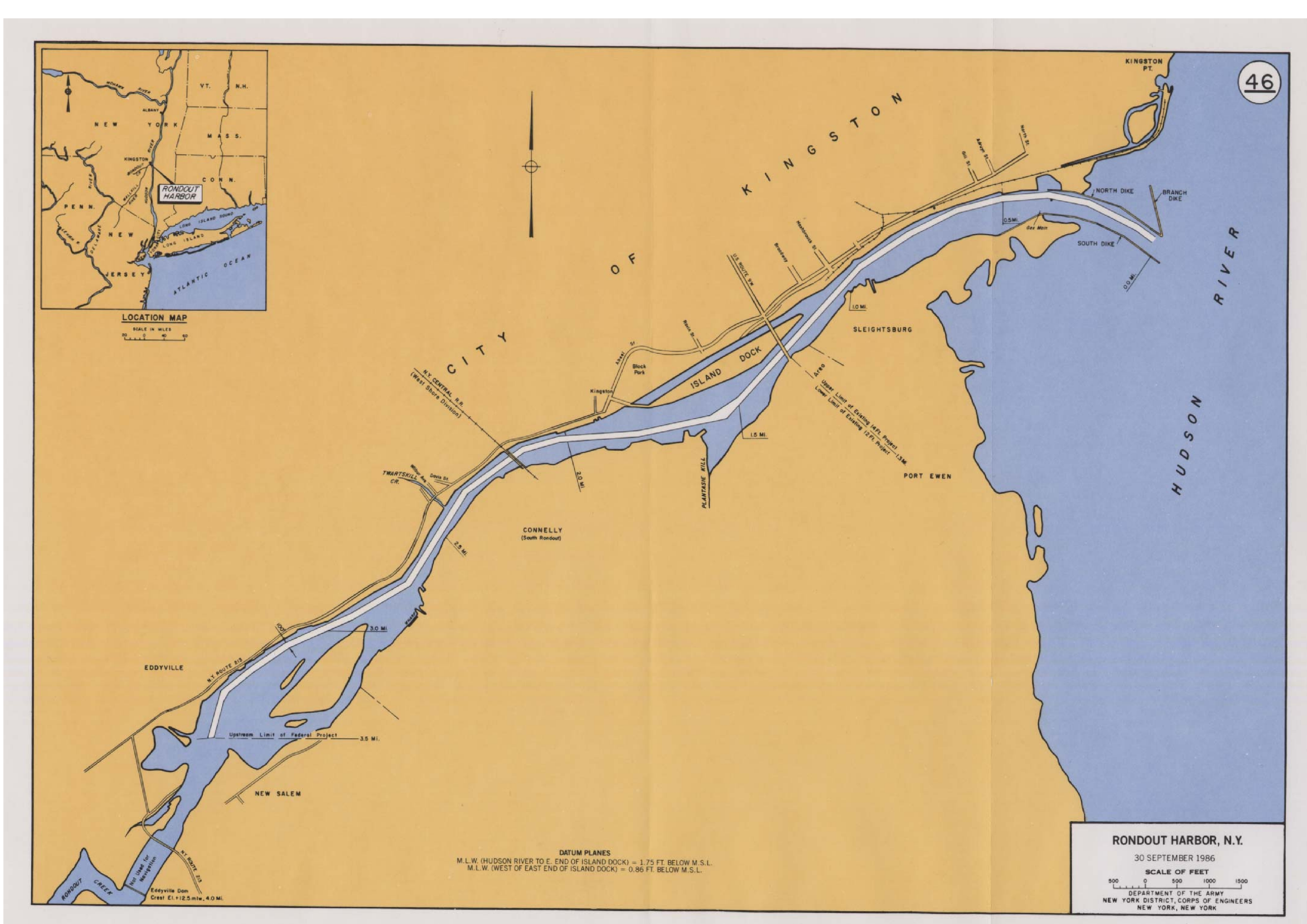
RECOMMENDED BY: JAMES SMITH, CIVIL ENGINEERING

APPROVED BY: WILLIAM F. PETRONIS, CHIEF, ALBANY FIELD OFFICE

DRAWN BY Daniel J. Karlok
DESIGNED BY R. BERRIAN
REVIEWED BY J. SMITH
REVIEWED BY WILLIAM F. PETRONIS

Date: 01/05/15
Survey Date: 12/04/14
Contract no.:
Plot date:
Plot by: Daniel J. Karlok
Scale: 1" = 50'

RONDOUT CREEK
REACH 1 TO 17
KINGSTON, NY 12401



CONTINUED ON SHEET 11

RONDOUT COORDINATES IN NAD-83		
PTS	EASTING(X)	NORTHING(Y)
1N	638584.619	1124924.816
2N	638019.512	1125316.657
3N	637267.709	1125643.437
4N	636733.188	1125738.441
5N	635923.535	1125680.905
6N	635293.609	1125492.385
7N	634549.729	1125118.231
8N	633662.101	1124520.277
9N	631827.574	1122435.633
10N	631362.798	1122145.71
11N	630244.805	1121910.221
12N	628286.654	1121564.869
13N	627684.358	1120965.144
14N	626593.202	1119388.641
15N	625959.606	1118954.347
16N	625217.428	1118693.305
17N	624201.427	1118054.857
18N	623820.644	1117730.85
19N	623655.594	1117050.619
1S	638527.641	1124842.648
2S	637970.724	1125228.876
3S	637238.628	1125547.044
4S	636727.904	1125637.815
5S	635941.638	1125581.434
6S	635330.699	1125399.111
7S	634600.325	1125031.754
8S	633728.655	1124444.55
9S	631673.256	1122108.917
10S	630263.795	1121812.032
11S	628499.249	1121500.826
12S	628216.727	1121354.133
13S	627761.389	1120900.727
14S	626664.939	1119316.574
15S	626005.249	1118864.4
16S	625261.152	1118602.684
17S	624260.731	1117974.026
18S	624058.166	1117801.669
19S	623864.346	1117486.876
20S	623752.765	1117027.04

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.

COORDINATES REFER TO THE NAD 1983 NEW YORK STATE PLANE EAST SYSTEM AND ARE EXPRESSED IN FEET.

SOUNDINGS REFER TO MEAN LOW LOW WATER AS DETERMINED FROM BENCHMARK Martin's Dock.

BENCHMARK ELEVATION IS 3.64 FEET ABOVE NAVD 88.

THE PLANE OF MEAN LOW LOW WATER IS 1.65 FEET BELOW NAVD 88.

NOT TO BE USED FOR NAVIGATION.

US Army Corps of Engineers
New York District

Mark	Description	Date	Appr

Mark	Description	Date	Appr

U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NY

RECOMMENDED BY: JAMES SMITH
CIVIL ENGINEERING

APPROVED BY: WILLIAM F. PETRONIS
CHIEF, ALBANY FIELD OFFICE

DRAWN BY
Daniel J. Karlok

DESIGNED BY
R. BERRIAN

REVIEWED BY
J. SMITH

REVIEWED BY
WILLIAM F. PETRONIS

Date: 01/05/15

Survey Date: 12/04/14

Contract no.:

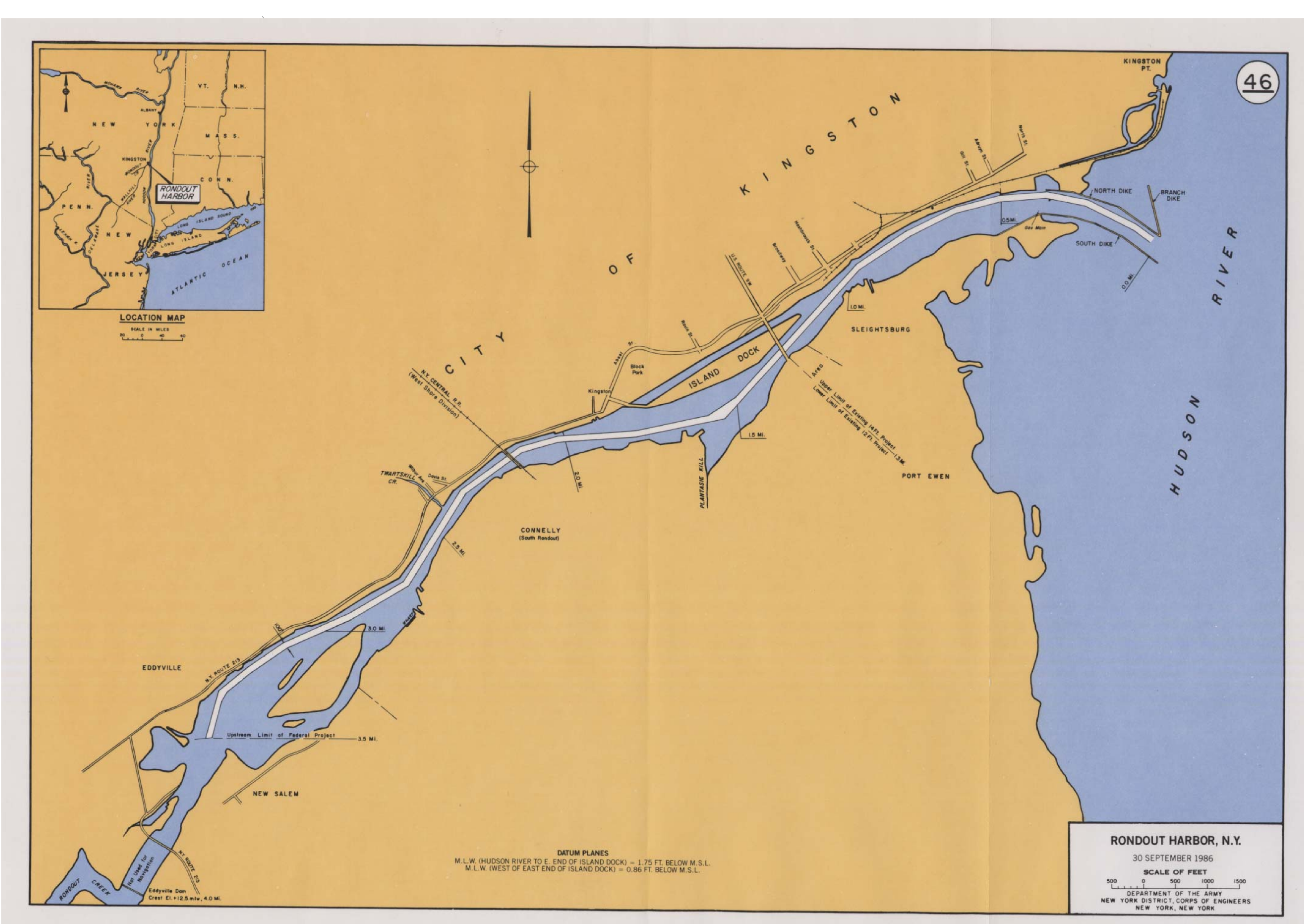
Plot date:
Plot by: Daniel J. Karlok
Scale: 1" = 50'

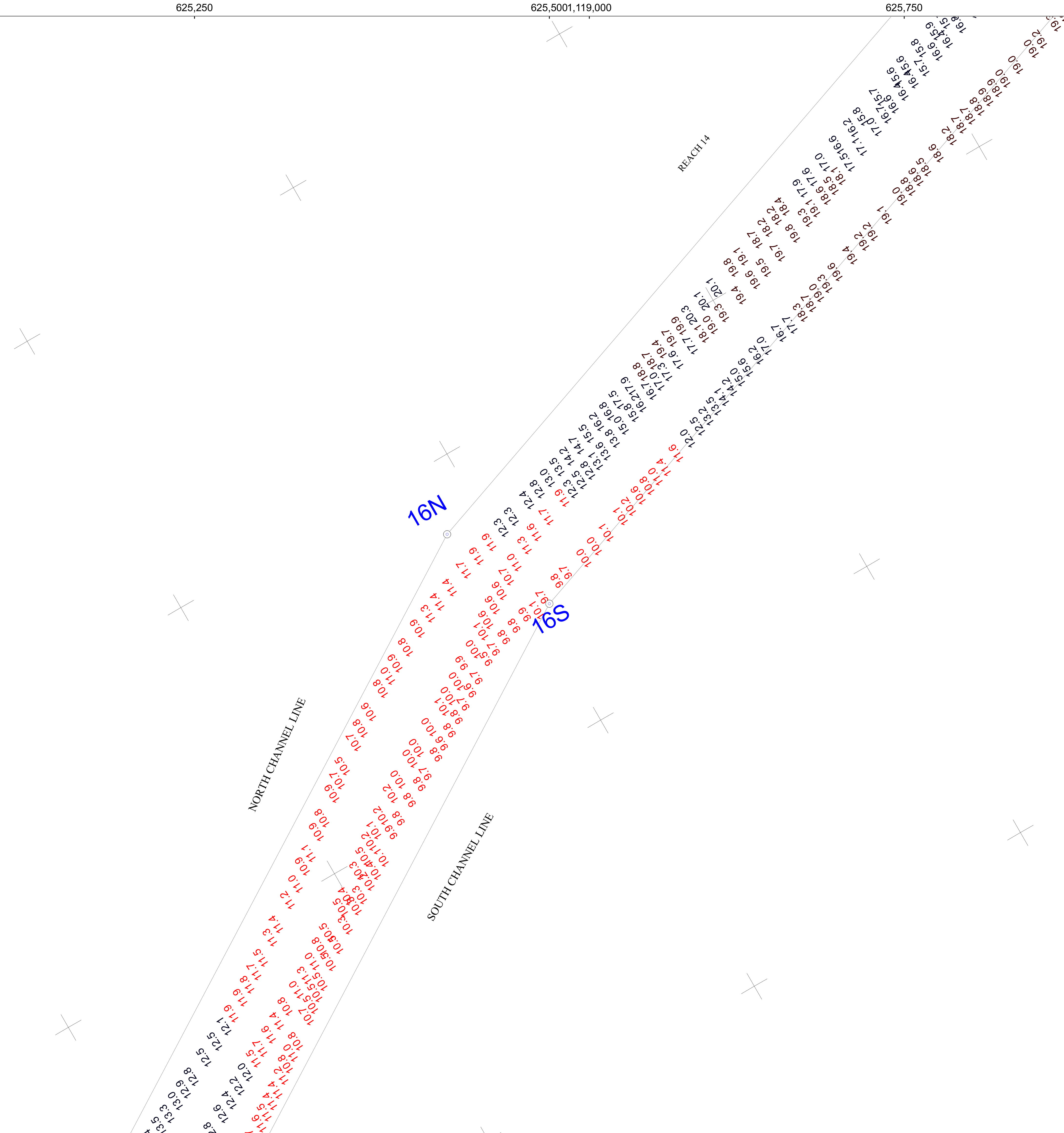
RONDOUT CREEK
REACH 1 TO 17
KINGSTON, NY 12401

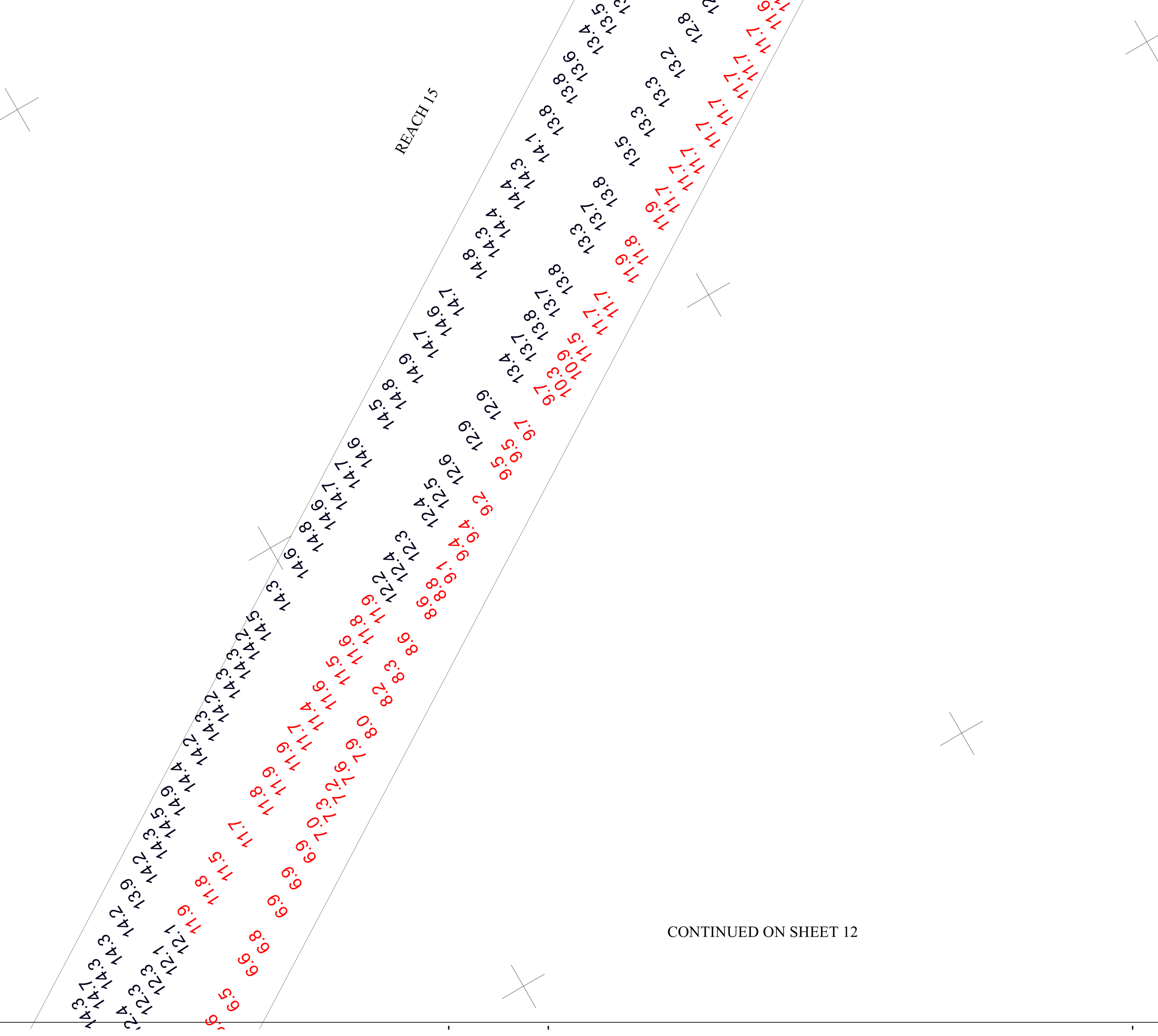
Sheet reference number:

10 of 12

US Army Corps of Engineers
New York District







CONTINUED ON SHEET 12

RONDOUT COORDINATES IN NAD-83		
PTS	EASTING(X)	NORTHING(Y)
1N	638584.619	1124924.816
2N	638019.512	1125316.657
3N	637267.709	1125643.437
4N	636733.188	1125738.441
5N	635923.535	1125680.905
6N	635293.609	1125492.385
7N	634549.729	1125118.231
8N	633662.101	1124520.277
9N	631827.574	1122435.633
10N	631362.798	1122145.71
11N	630244.805	1121910.221
12N	628286.654	1121564.869
13N	627684.358	1120965.144
14N	626593.202	1119388.641
15N	625959.606	1118954.347
16N	625217.428	1118693.305
17N	624201.427	1118054.857
18N	623820.644	1117730.85
19N	623655.594	1117050.619
1S	638527.641	1124842.648
2S	637970.724	1125228.876
3S	637238.628	1125547.044
4S	636727.904	1125637.815
5S	635941.638	1125581.434
6S	635330.699	1125399.111
7S	634600.325	1125031.754
8S	633728.655	1124444.55
9S	631673.256	1122108.917
10S	630263.795	1121812.032
11S	628499.249	1121500.826
12S	628216.727	1121354.133
13S	627761.389	1120900.727
14S	626664.939	1119316.574
15S	626005.249	1118864.4
16S	625261.152	1118602.684
17S	624260.731	1117974.026
18S	624058.166	1117801.669
19S	623864.346	1117486.876
20S	623752.765	1117027.04

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.

COORDINATES REFER TO THE NAD 1983 NEW YORK STATE PLANE EAST SYSTEM AND ARE EXPRESSED IN FEET.

SOUNDINGS REFER TO MEAN LOW LOW WATER AS DETERMINED FROM BENCHMARK Martin's Dock.

BENCHMARK ELEVATION IS 3.64 FEET ABOVE NAVD 88.

THE PLANE OF MEAN LOW LOW WATER IS 1.65 FEET BELOW NAVD 88.

NOT TO BE USED FOR NAVIGATION.

Corner:
623,638 X
1,118,473 Y

Mark	Description	Date	Appr.

Mark	Description	Date	Appr.

Date: 01/05/15
Survey Date: 12/04/14
Contract no.:
Plot date:
Plot by: Daniel J. Karlok
Scale: 1" = 50'

DRAWN BY
Daniel J. Karlok
DESIGNED BY
R. BERRIAN
REVIEWED BY
J. SMITH
REVIEWED BY
WILLIAM F. PETRONIS

U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NY

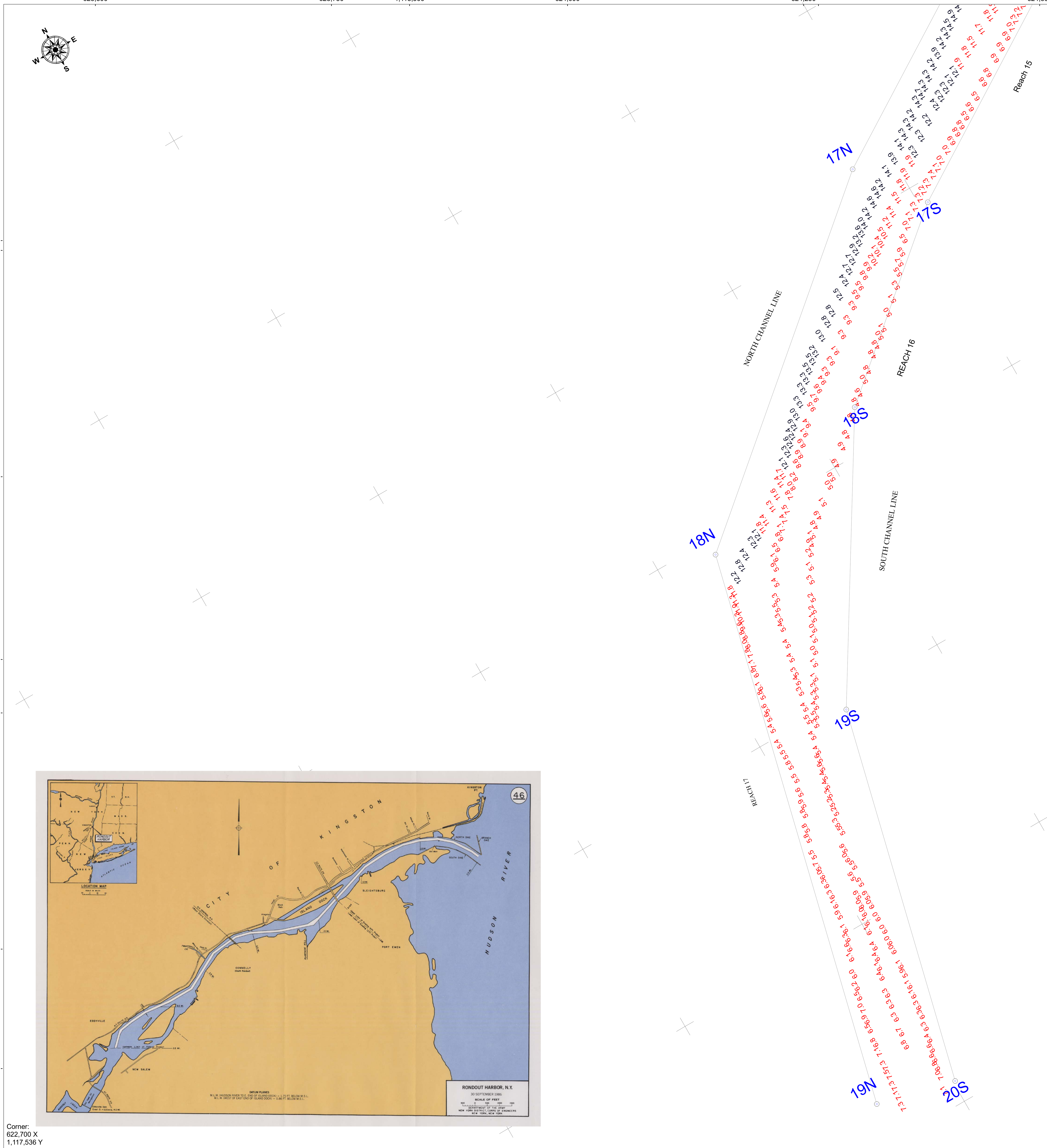
RECOMMENDED BY: JAMES SMITH
CIVIL ENGINEERING

APPROVED BY: WILLIAM F. PETRONIS
CHIEF, ALBANY FIELD OFFICE

RONDOUT CREEK
REACH 1 TO 17
KINGSTON, NY 12401

Sheet reference number:

U.S. Army Corps of Engineers



RONDOUT COORDINATES IN NAD-83		
PTS	EASTING(X)	NORTHING(Y)
1N	638584.619	1124924.816
2N	638019.512	1125316.657
3N	637267.709	1125643.437
4N	636733.188	1125738.441
5N	635923.535	1125680.905
6N	635293.609	1125492.385
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11N	630244.805	1121910.221
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16N	625217.428	1118693.305
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18N	623820.644	1117730.85
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3S	637238.628	1125547.044
4S	636727.904	1125637.815
5S	635941.638	1125581.434
6S	635330.699	1125399.111
7S	634600.325	1125031.754
8S	633728.655	1124444.55
9S	631673.256	1122108.917
10S	630263.795	1121812.032
11S	628499.249	1121500.826
12S	628216.727	1121354.133
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14S	626664.939	1119316.574
15S	626005.249	1118864.4
16S	625261.152	1118602.684
17S	624260.731	1117974.026
18S	624058.166	1117801.669
19S	623864.346	1117486.876
20S	623752.765	1117027.04

NOTES:

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COORDINATES REFER TO THE NAD 1983 NEW YORK STATE PLANE EAST SYSTEM AND ARE EXPRESSED IN FEET.

SOUNDINGS REFER TO MEAN LOW LOW WATER AS DETERMINED FROM BENCHMARK Martin's Dock.

BENCHMARK ELEVATION IS 3.64 FEET ABOVE NAVD 88.

THE PLANE OF MEAN LOW LOW WATER IS 1.65 FEET BELOW NAVD 88.

NOT TO BE USED FOR NAVIGATION.

US Army Corps of Engineers
New York District

Mark	Description	Date	Appr.

Mark	Description	Date	Appr

U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NY

Date: 01/05/15

Survey Date: 12/04/14

DRAWN BY Daniel J. Karlok

DESIGNED BY R. BERRIAN

Contract no.:

REVIEWED BY J. SMITH

REVIEWED BY WILLIAM F. PETRONIS

Plot date:
Plot by: Daniel J. Karlok
Scale: 1" = 50'

RECOMMENDED BY: JAMES SMITH
CIVIL ENGINEERING

APPROVED BY: WILLIAM F. PETRONIS
CHIEF, ALBANY FIELD OFFICE

RONDOUT CREEK
REACH 1 TO 17
KINGSTON, NY 12401