607000X 607500X 608000X 608500X 609000X 609500X 610000X 610500X 611000X 611500X 612000X 612500X 613000X

768500Y 768000Y 767500Y 767000Y 766500Y 766000Y 765500Y 765000Y 764500Y 764000Y

North

WEST CHANNEL LINE

EAST CHANNEL LINE

Reach 50

Reach 51

NOT TO BE USED
FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from Bench Mark Malden
Elevation 1.35 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

Malden Reach

Reach 50

Malden, NY 12453

Albany Field Office
1 Bond Street
Troy, NY 12180

SURVEY DATE:10/06/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

SHEET 1 OF 1

Drawing No
DRAW. No. 1

613000X 613500X 614000X 614500X 615000X 615500X 616000X 616500X 617000X 617500X 618000X 618500X 619000X

784500Y 784000Y 783500Y 783000Y 782500Y 782000Y 781500Y 781000Y 780500Y 780000Y

Reach 47

North

WEST CHANNEL LINE

EAST CHANNEL LINE

Reach 48

Reach 49

NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from Bench Mark Lasher
Elevation 2.87 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

Germantown Reach

Reach 47-48

Germantown, NY 12526

Albany Field Office
1 Bond Street
Troy, NY 12180

SURVEY DATE:09/28/11
SCALE: 1"=200'

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SHEET 3 OF 3

Drawing No
DRAW. No. 1

615500X 616000X 616500X 617000X 617500X 618000X 618500X 619000X 619500X 620000X 620500X 621000X 621500X

788000Y 787500Y 787000Y 786500Y 786000Y 785500Y 785000Y 784500Y

WEST CHANNEL LINE

EAST CHANNEL LINE

Reach 47

North

NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from Bench Mark Lasher
Elevation 2.87 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

Germantown Reach

Reach 47-48

Germantown, NY 12526

Albany Field Office
1 Bond Street
Troy, NY 12180

SURVEY DATE:09/28/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

SHEET 2 OF 3

Drawing No
DRAW. No. 1

618500X 619000X 619500X 620000X 620500X 621000X 621500X 622000X 622500X 623000X 623500X 624000X 624500X

792500Y 792000Y 791500Y 791000Y 790500Y 790000Y 789500Y 789000Y 788500Y 788000Y

Reach 46

North

WEST CHANNEL LINE

EAST CHANNEL LINE

Reach 47

NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from Bench Mark Lasher
Elevation 2.87 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

Germantown Reach

Reach 47-48

Germantown, NY 12526

Albany Field Office
1 Bond Street
Troy, NY 12180

SURVEY DATE:09/28/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

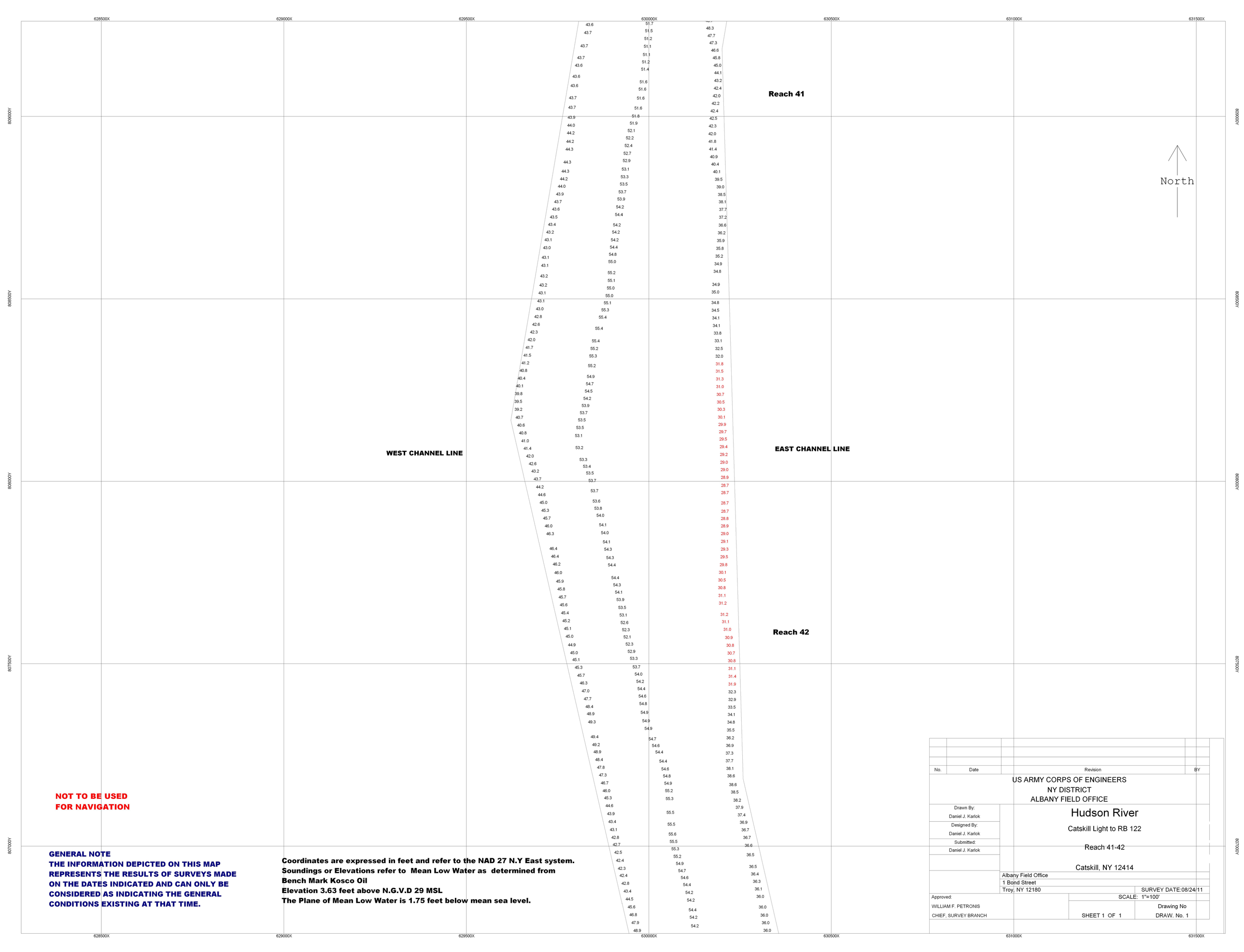
SCALE: 1"=200'

SHEET 1 OF 3

Drawing No
DRAW. No. 1

628500X 629000X 629500X 630000X 630500X 631000X 631500X

809000Y 808500Y 808000Y 807500Y 807000Y



NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from Bench Mark Kosco Oil
Elevation 3.63 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

Catskill Light to RB 122

Reach 41-42

Catskill, NY 12414

Albany Field Office
1 Bond Street
Troy, NY 12180

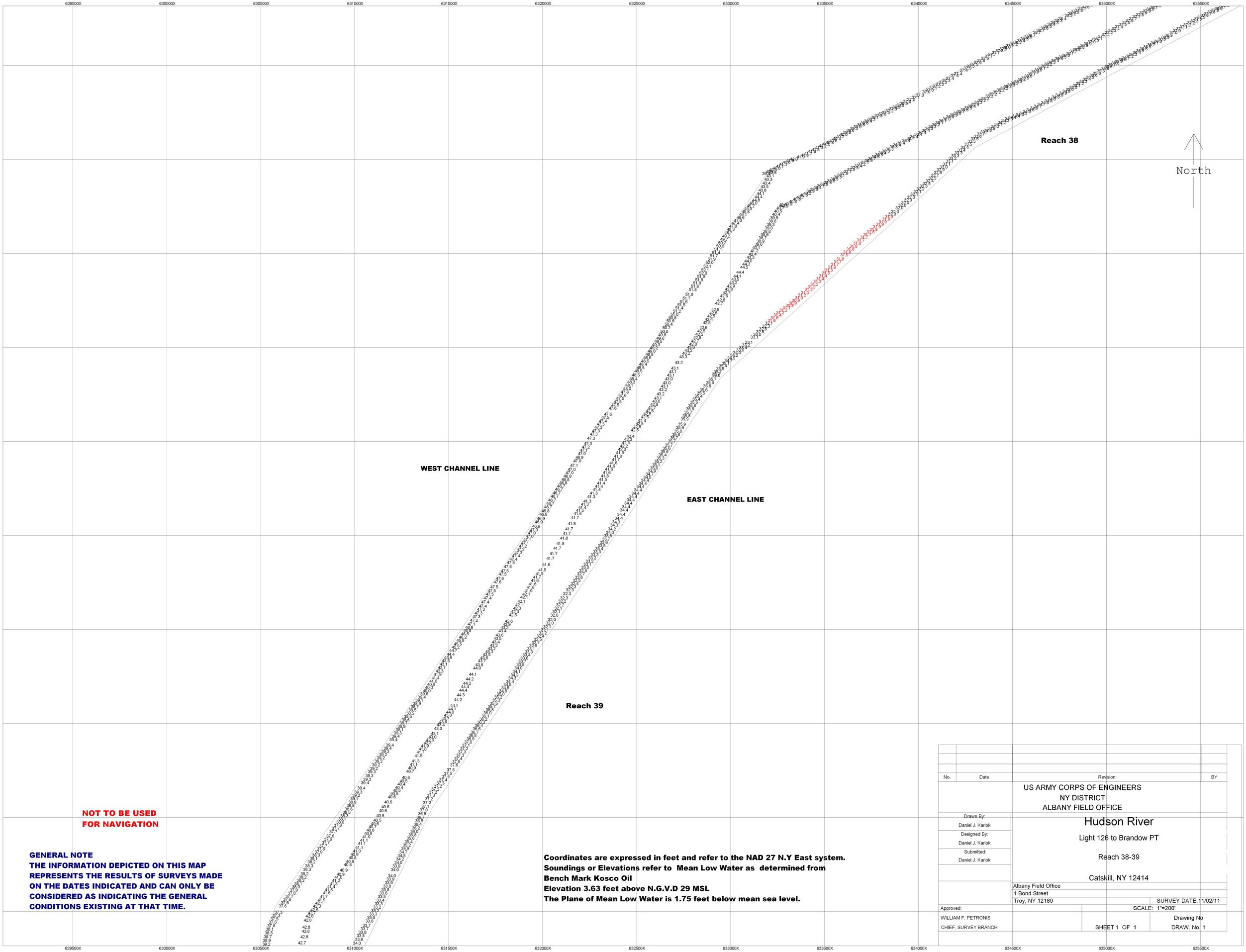
SURVEY DATE:08/24/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=100'

SHEET 1 OF 1

Drawing No
DRAW. No. 1



NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from
Bench Mark Kosco Oil
Elevation 3.63 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

Light 126 to Brandow PT

Reach 38-39

Catskill, NY 12414

Albany Field Office
1 Bond Street
Troy, NY 12180

SURVEY DATE:11/02/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

SHEET 1 OF 1

Drawing No
DRAW. No. 1

641000X 641500X 642000X 642500X 643000X 643500X 644000X

822000Y 821500Y 821000Y 820500Y 820000Y

North

Reach 36

WEST CHANNEL LINE

EAST CHANNEL LINE

Reach 37

NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from Bench Mark Hudson Boat Ramp
Elevation 4.41 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Hudson River

Hudson Light House north a 1000 feet

Reach 36-37

Hudson, NY 12526

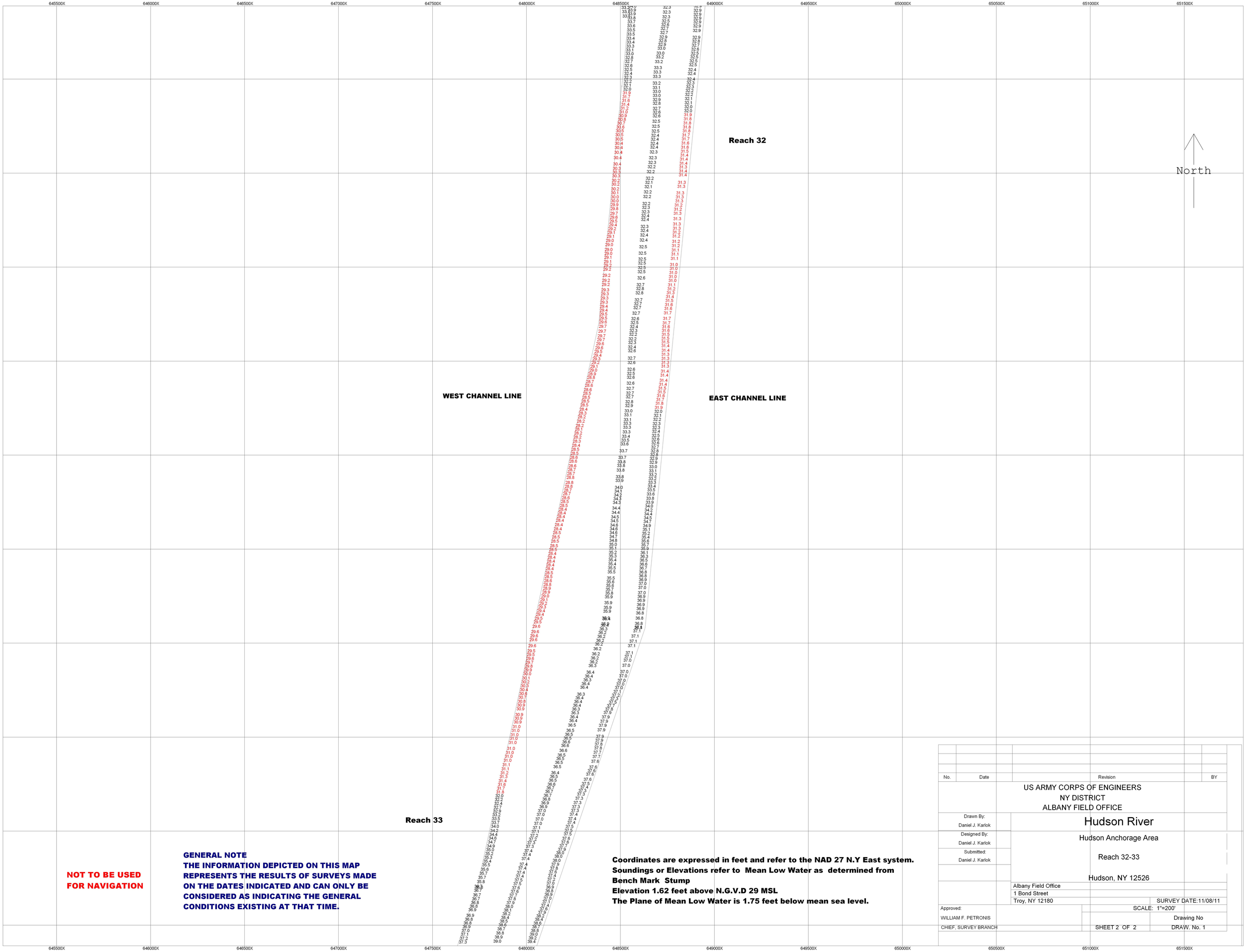
Drawn By: Daniel J. Karlok	
Designed By: Daniel J. Karlok	
Submitted: Daniel J. Karlok	
Approved: WILLIAM F. PETRONIS CHIEF, SURVEY BRANCH	

Albany Field Office
1 Bond Street
Troy, NY 12180

SURVEY DATE:08/23/11
SCALE: 1"=100'
SHEET 1 OF 1
Drawing No
DRAW. No. 1

645500X 646000X 646500X 647000X 647500X 648000X 648500X 649000X 649500X 650000X 650500X 651000X 651500X

833500Y 833000Y 832500Y 832000Y 831500Y 831000Y 830500Y 830000Y 829500Y 829000Y 828500Y



NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from Bench Mark Stump
Elevation 1.62 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

Hudson Anchorage Area

Reach 32-33

Hudson, NY 12526

Albany Field Office
1 Bond Street
Troy, NY 12180

SURVEY DATE:11/08/11

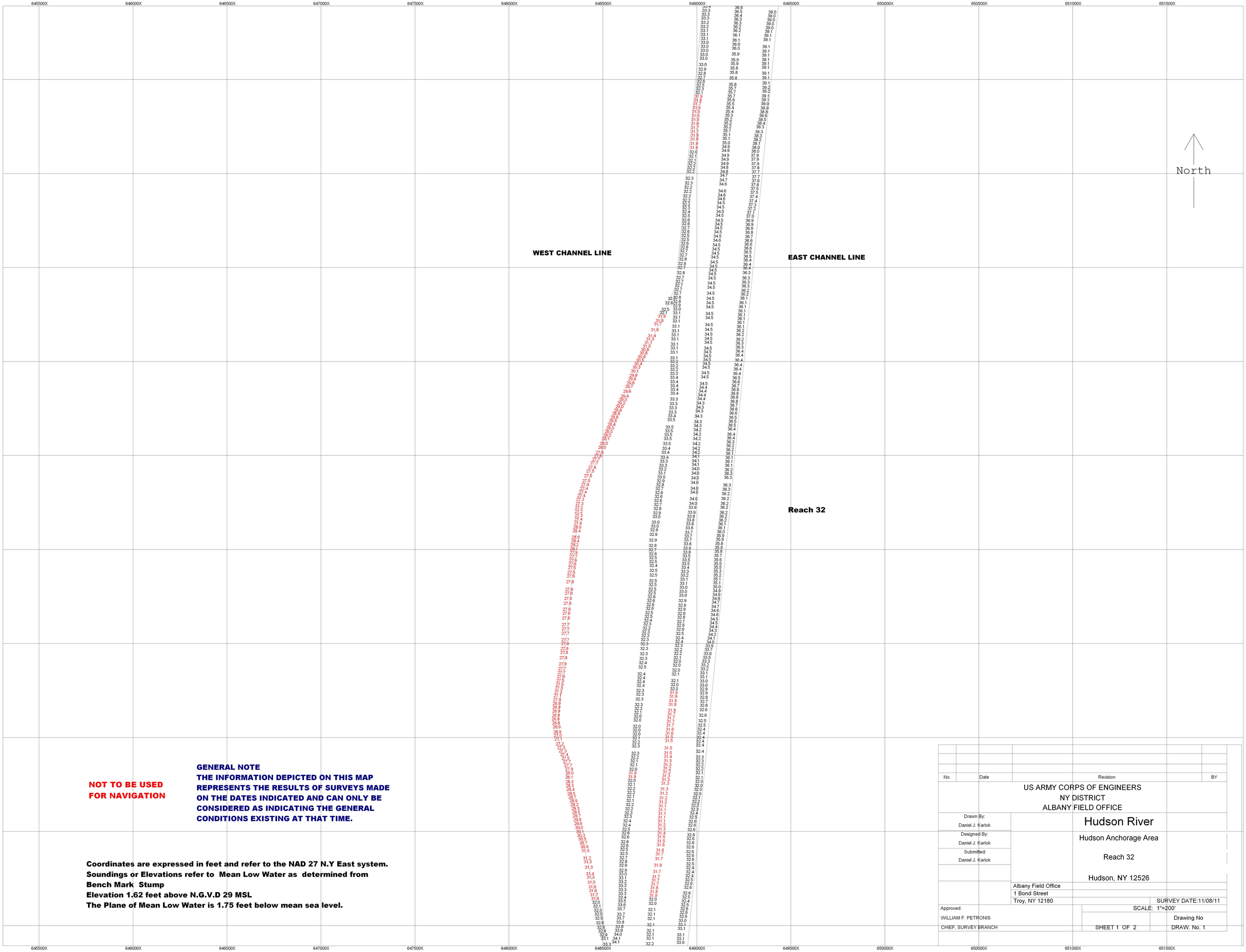
Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

Drawing No
SHEET 2 OF 2 DRAW. No. 1

645500X 646000X 646500X 647000X 647500X 648000X 648500X 649000X 649500X 650000X 650500X 651000X 651500X

8365000Y 8360000Y 8355000Y 8350000Y 8345000Y 8340000Y



NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from Bench Mark Stump
Elevation 1.62 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

Hudson Anchorage Area

Reach 32

Hudson, NY 12526

Albany Field Office
1 Bond Street
Troy, NY 12180

SURVEY DATE:11/08/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

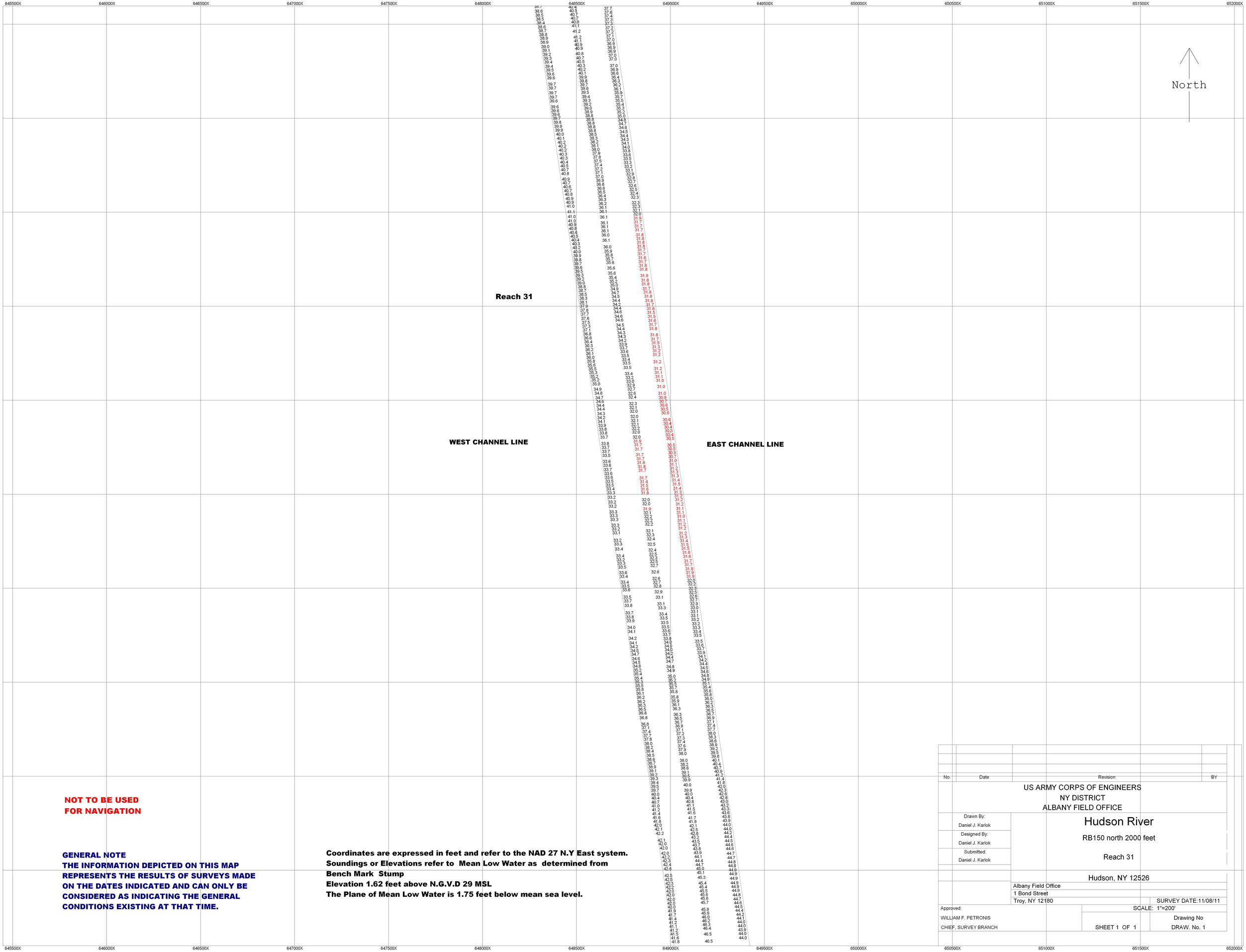
Drawing No

SHEET 1 OF 2

DRAW. No. 1

645500X 646000X 646500X 647000X 647500X 648000X 648500X 649000X 649500X 650000X 650500X 651000X 651500X 652000X

845500Y 845000Y 844500Y 844000Y 843500Y 843000Y 842500Y 842000Y 841500Y 841000Y



NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from Bench Mark Stump
Elevation 1.62 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

RB150 north 2000 feet

Reach 31

Hudson, NY 12526

Albany Field Office
1 Bond Street
Troy, NY 12180

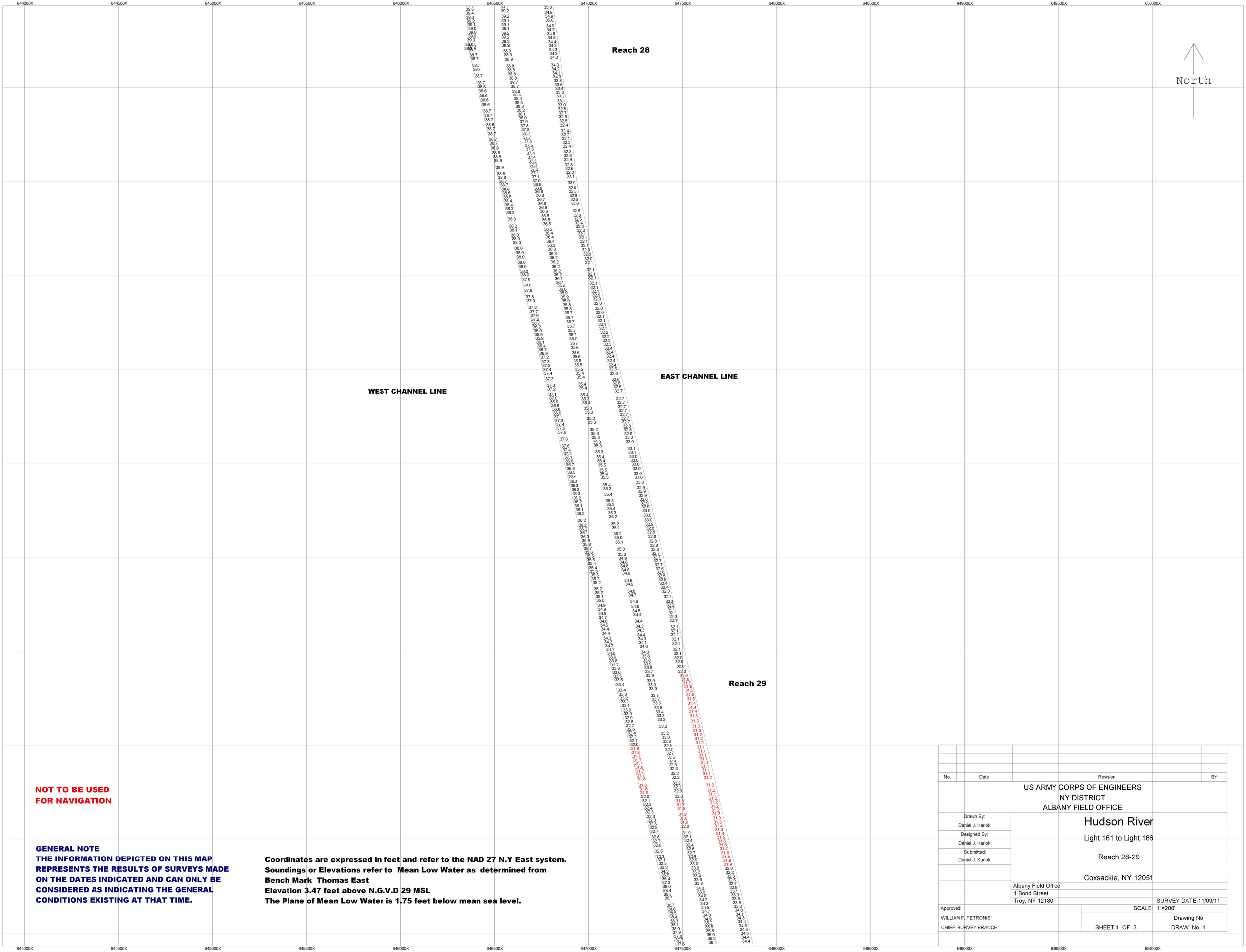
SURVEY DATE:11/08/11
SCALE: 1"=200'

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

Drawing No
SHEET 1 OF 1
DRAW. No. 1

644000X 644500X 645000X 645500X 646000X 646500X 647000X 647500X 648000X 648500X 649000X 649500X 650000X

858000Y 857500Y 857000Y 856500Y 856000Y 855500Y 855000Y 854500Y 854000Y 853500Y



NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from
Bench Mark Thomas East
Elevation 3.47 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

Light 161 to Light 166

Reach 28-29

Coxsackie, NY 12051

Albany Field Office
1 Bond Street
Troy, NY 12180

SURVEY DATE:11/09/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

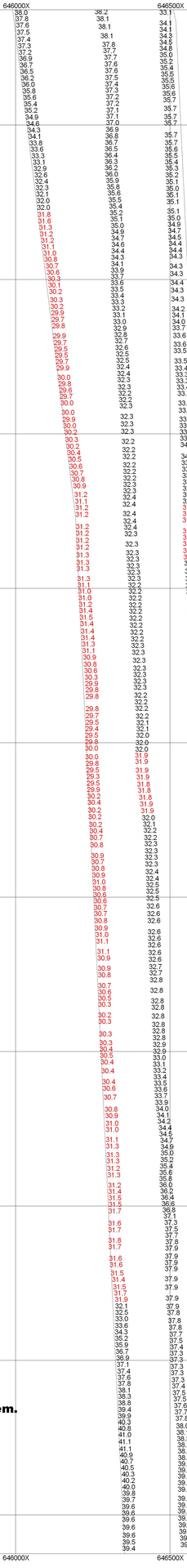
SCALE: 1"=200'

SHEET 1 OF 3

Drawing No
DRAW. No. 1

643000X 643500X 644000X 644500X 645000X 645500X 646000X 646500X 647000X 647500X 648000X 648500X 649000X 649500X

863000Y 862500Y 862000Y 861500Y 861000Y 860500Y 860000Y 859500Y 859000Y 858500Y



Reach 27

WEST CHANNEL LINE

EAST CHANNEL LINE

Reach 28

NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from
Bench Mark Thomas East
Elevation 3.47 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

Light 161 to Light 166

Reach 27-28

Coxsackie, NY 12051

Albany Field Office
1 Bond Street
Troy, NY 12180

SURVEY DATE:11/09/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

Drawing No
SHEET 2 OF 3 | DRAW. No. 1

643000X 643500X 644000X 644500X 645000X 645500X 646000X 646500X 647000X 647500X 648000X 648500X 649000X

8660000Y 8655000Y 8650000Y 8645000Y 8640000Y 8635000Y

Reach 26

WEST CHANNEL LINE

EAST CHANNEL LINE

Reach 27

North

NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from
Bench Mark Thomas East
Elevation 3.47 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Hudson River

Light 161 to Light 166

Reach 26-27

Coxsackie, NY 12051

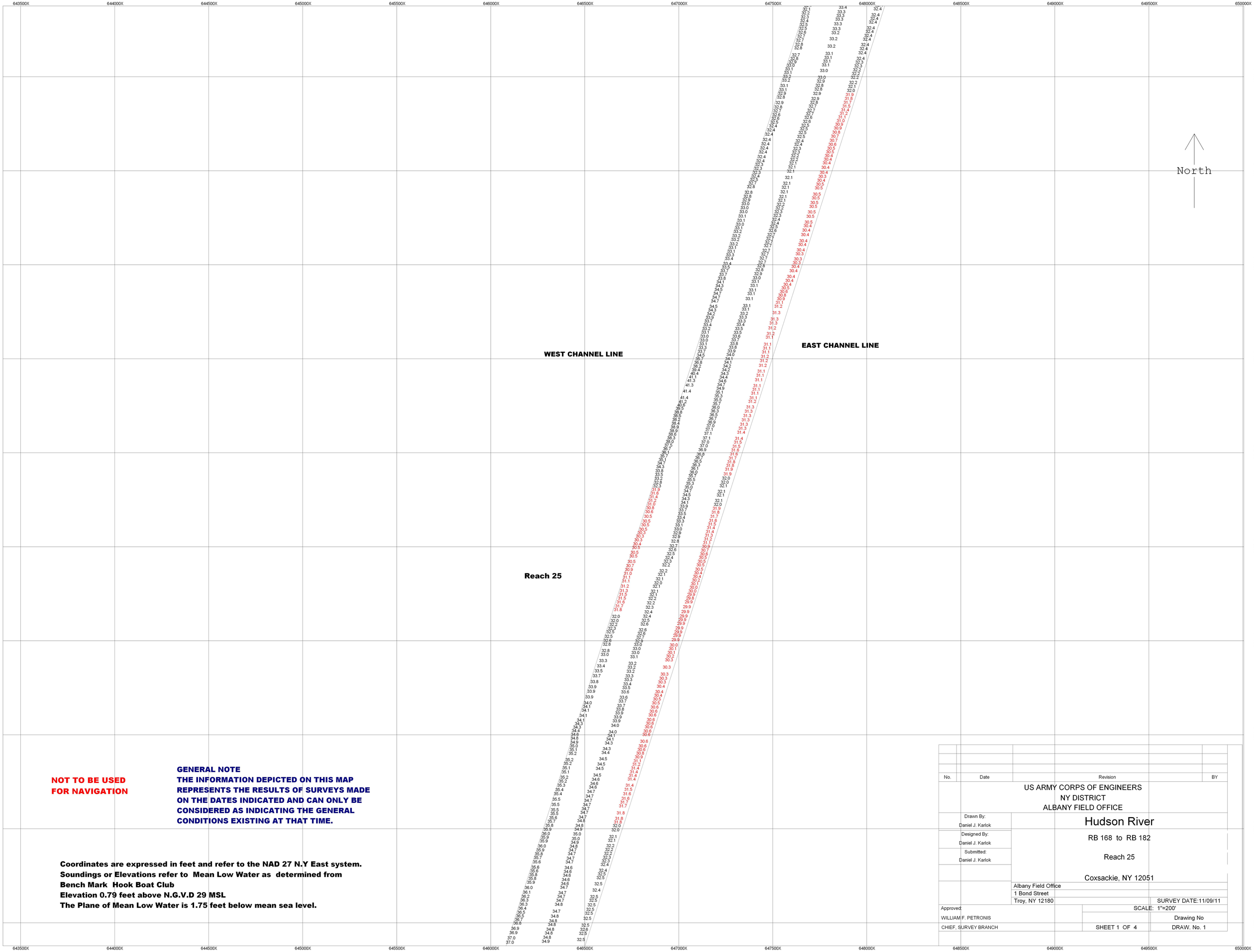
Drawn By:	Daniel J. Karlok
Designed By:	Daniel J. Karlok
Submitted:	Daniel J. Karlok
Approved:	WILLIAM F. PETRONIS
	CHIEF, SURVEY BRANCH

Albany Field Office
1 Bond Street
Troy, NY 12180

SURVEY DATE:11/09/11
SCALE: 1"=200'
Drawing No
SHEET 3 OF 3
DRAW. No. 1

643500X 644000X 644500X 645000X 645500X 646000X 646500X 647000X 647500X 648000X 648500X 649000X 649500X 650000X

874500Y 874000Y 873500Y 873000Y 872500Y 872000Y 871500Y 871000Y 870500Y 870000Y



NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from
Bench Mark Hook Boat Club
Elevation 0.79 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Hudson River

RB 168 to RB 182

Reach 25

Coxsackie, NY 12051

Drawn By:	Daniel J. Karlok
Designed By:	Daniel J. Karlok
Submitted:	Daniel J. Karlok

Albany Field Office
1 Bond Street
Troy, NY 12180

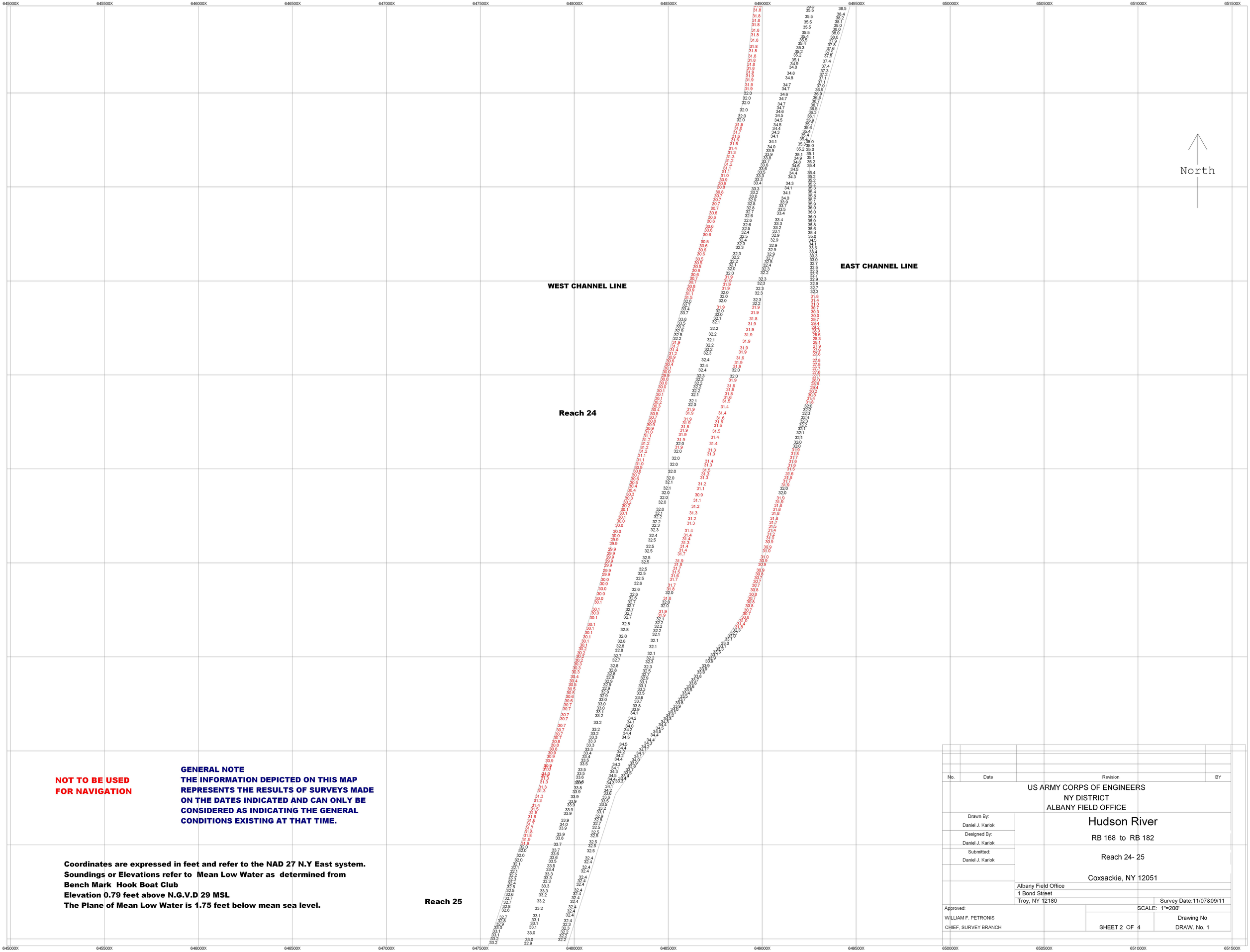
SURVEY DATE:11/09/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'
Drawing No
SHEET 1 OF 4
DRAW. No. 1

645000X 645500X 646000X 646500X 647000X 647500X 648000X 648500X 649000X 649500X 650000X 650500X 651000X 651500X

874500Y 875000Y 875500Y 876000Y 876500Y 877000Y 877500Y 878000Y 878500Y 879000Y



NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from
Bench Mark Hook Boat Club
Elevation 0.79 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

RB 168 to RB 182

Reach 24- 25

Coxsackie, NY 12051

Albany Field Office
1 Bond Street
Troy, NY 12180

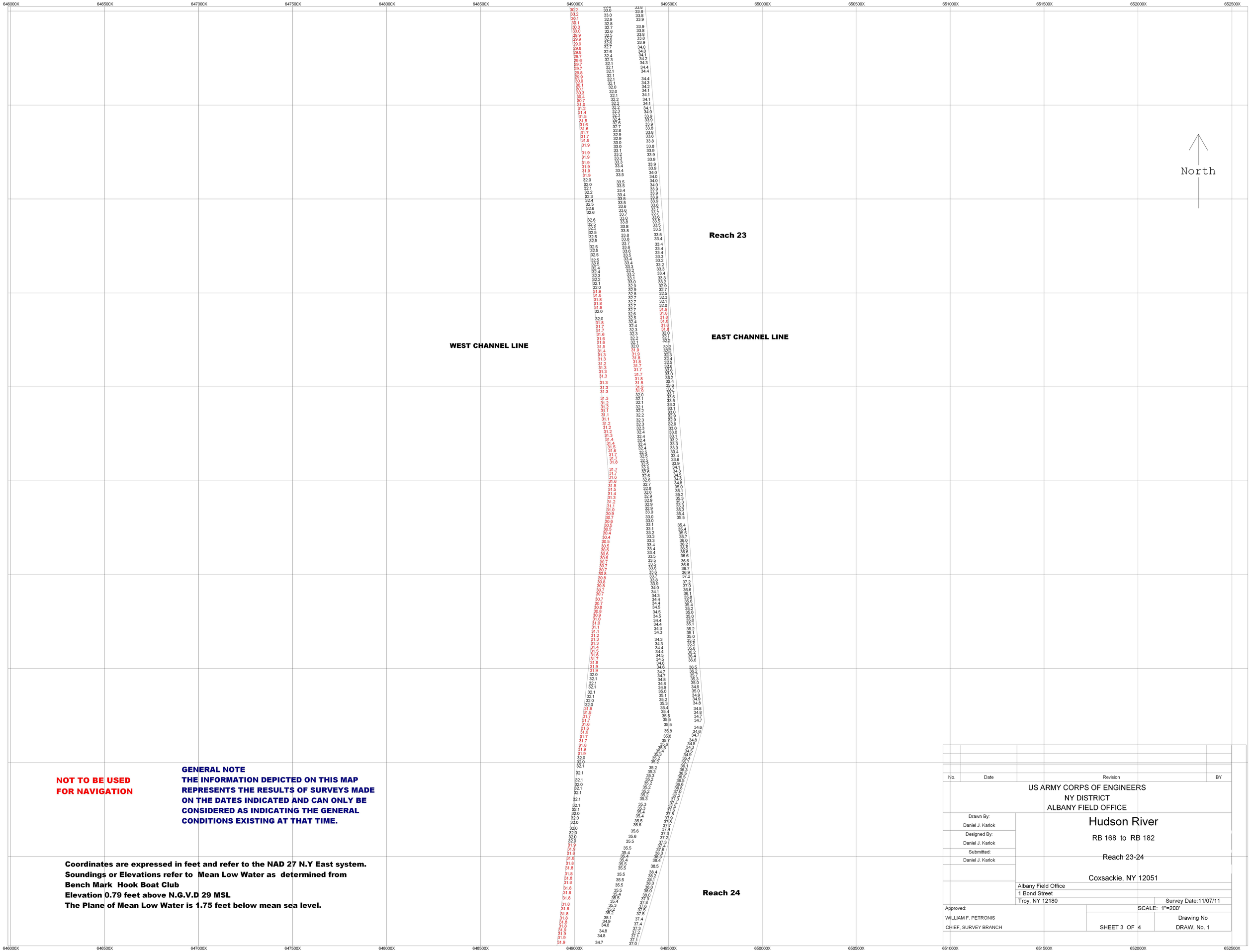
Survey Date:11/07&09/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

SHEET 2 OF 4

Drawing No
DRAW. No. 1



NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from
Bench Mark Hook Boat Club
Elevation 0.79 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Hudson River

RB 168 to RB 182

Reach 23-24

Coxsackie, NY 12051

Drawn By:	Daniel J. Karlok
Designed By:	Daniel J. Karlok
Submitted:	Daniel J. Karlok

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:11/07/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

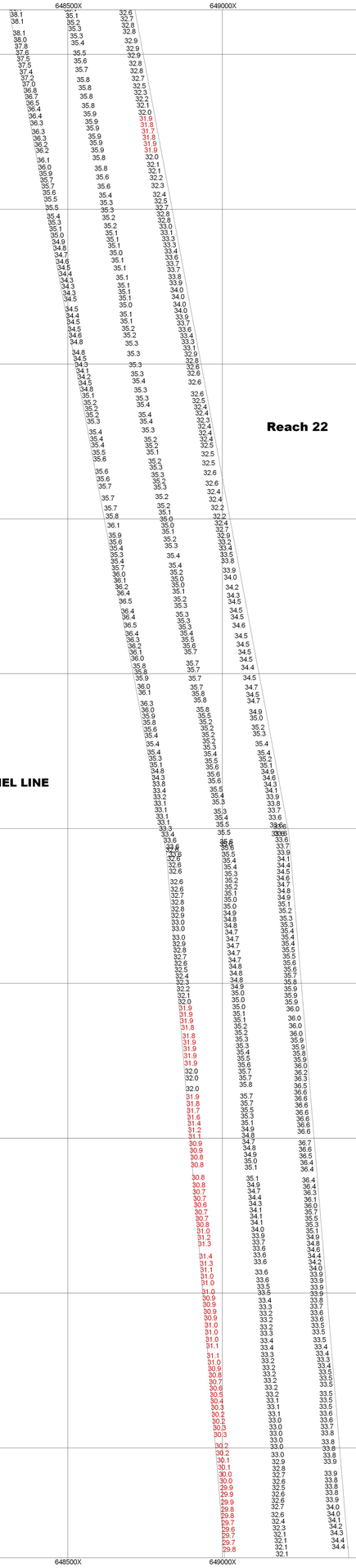
SCALE: 1"=200'

SHEET 3 OF 4

Drawing No
DRAW. No. 1

646500X 647000X 647500X 648000X 648500X 649000X 649500X 650000X 650500X 651000X 651500X 652000X 652500X

888500Y 888000Y 887500Y 887000Y 886500Y 886000Y 885500Y 885000Y 884500Y 884000Y



WEST CHANNEL LINE

EAST CHANNEL LINE

Reach 22

Reach 23

North

NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from
Bench Mark Hook Boat Club
Elevation 0.79 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Hudson River

RB 168 to RB 182

Reach 22-23

Coxsackie, NY 12051

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:11/07/11

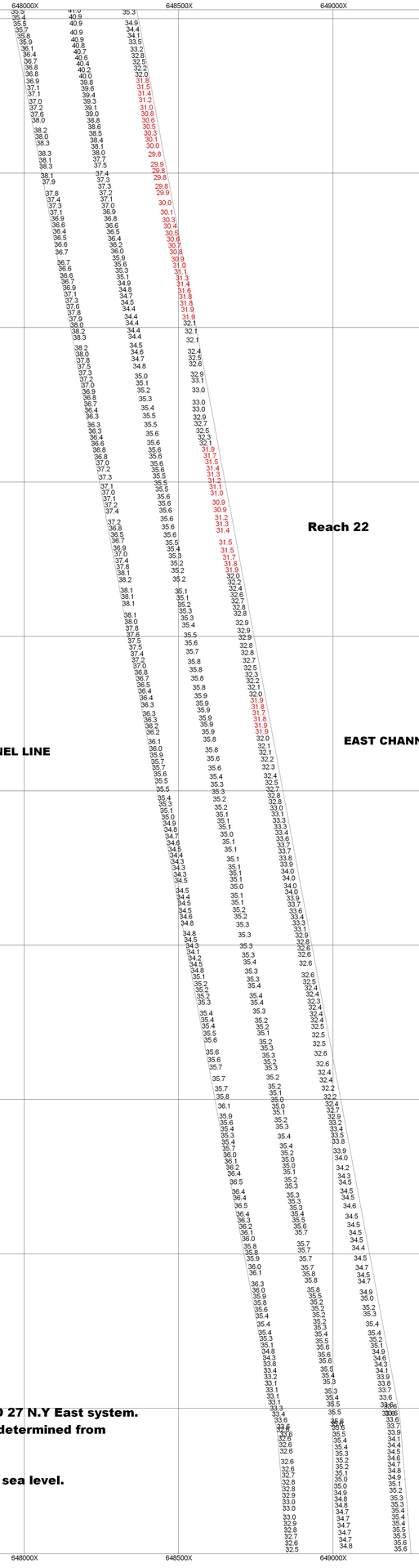
Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

Drawing No
SHEET 4 OF 4 DRAW. No. 1

645500X 646000X 646500X 647000X 647500X 648000X 648500X 649000X 649500X 650000X 650500X 651000X 651500X

890500Y 890000Y 889500Y 889000Y 888500Y 888000Y 887500Y 887000Y 886500Y 886000Y



WEST CHANNEL LINE

Reach 22

EAST CHANNEL LINE

Reach 23

North

NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from
Bench Mark Hook Boat Club
Elevation 0.79 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

N.Y.C to Waterford

GB 181 to Light 191

New Baltimore, NY 12124

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:08/09/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

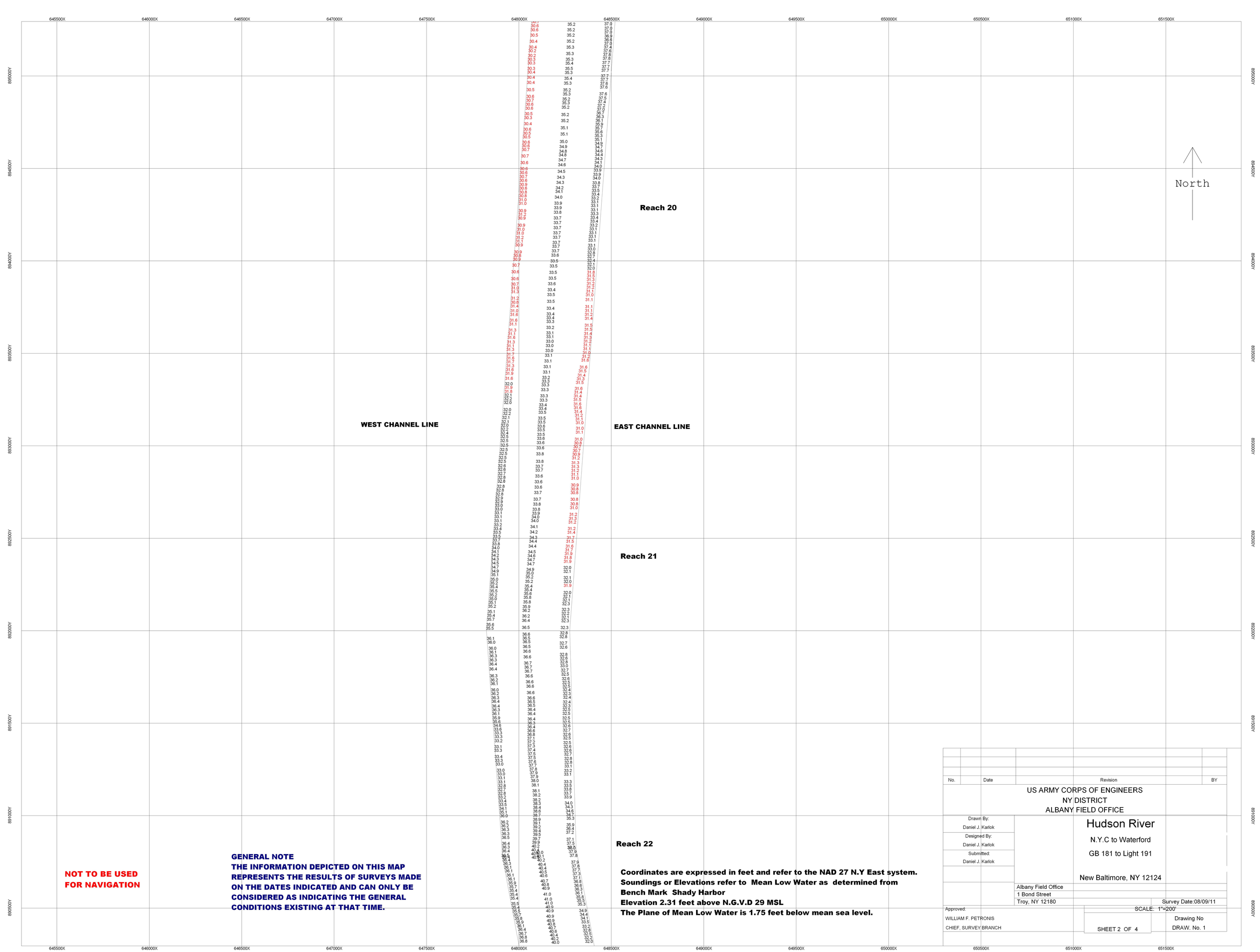
SCALE: 1"=200'

SHEET 1 OF 4

Drawing No
DRAW. No. 1

645500X 646000X 646500X 647000X 647500X 648000X 648500X 649000X 649500X 650000X 650500X 651000X 651500X

895000Y 894500Y 894000Y 893500Y 893000Y 892500Y 892000Y 891500Y 891000Y 890500Y



NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from Bench Mark Shady Harbor
Elevation 2.31 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

N.Y.C to Waterford

GB 181 to Light 191

New Baltimore, NY 12124

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:08/09/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

Drawing No
DRAW. No. 1

SHEET 2 OF 4

645500X 646000X 646500X 647000X 647500X 648000X 648500X 649000X 649500X 650000X 650500X 651000X 651500X 652000X

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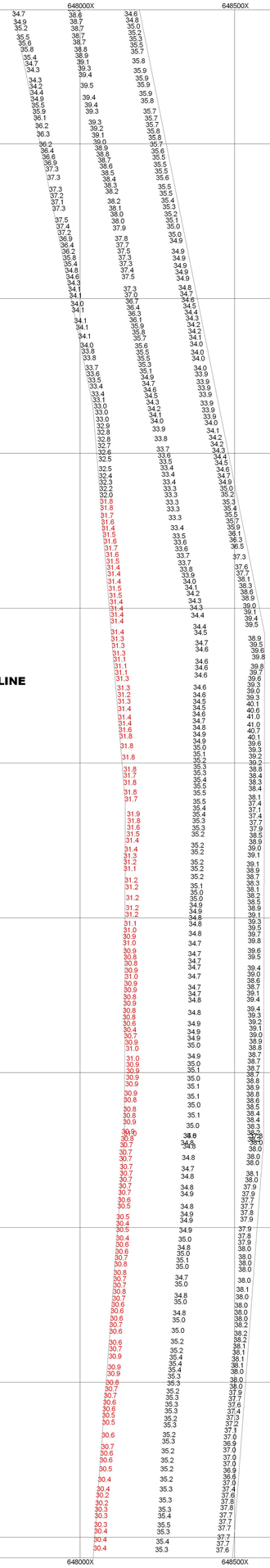


Reach 18

Reach 19

Reach 20

WEST CHANNEL LINE

EAST CHANNEL LINE

North

NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from Bench Mark Shady Harbor
Elevation 2.31 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

N.Y.C to Waterford

GB 181 to Light 191

New Baltimore, NY 12124

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:08/09/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

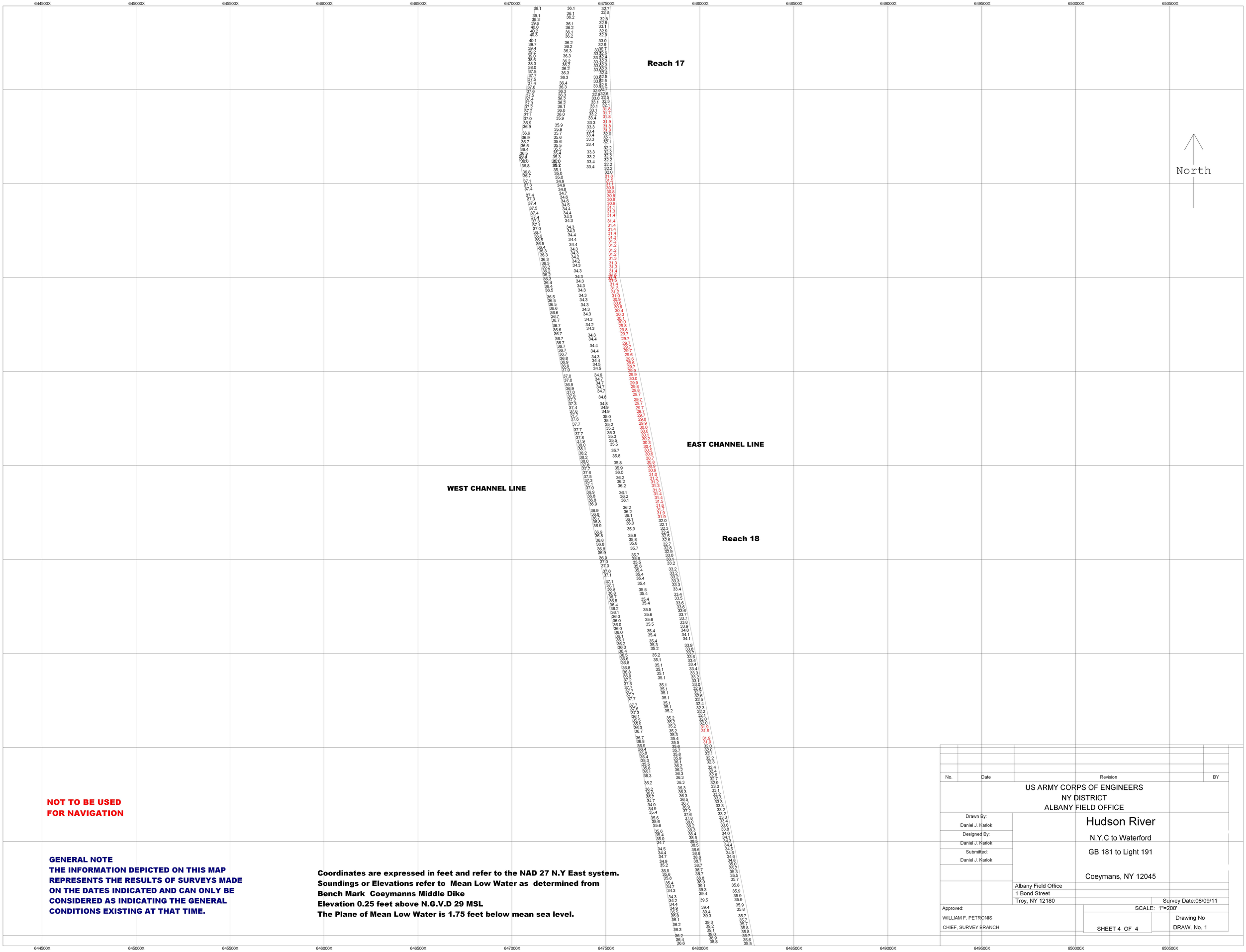
SCALE: 1"=200'

Drawing No
DRAW. No. 1

SHEET 3 OF 4

644500X 645000X 645500X 646000X 646500X 647000X 647500X 648000X 648500X 649000X 649500X 650000X 650500X

904000Y 903500Y 903000Y 902500Y 902000Y 901500Y 901000Y 900500Y 900000Y 899500Y



NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from Bench Mark Coeymanns Middle Dike
Elevation 0.25 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

N.Y.C to Waterford

GB 181 to Light 191

Coeymans, NY 12045

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:08/09/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

SHEET 4 OF 4

Drawing No
DRAW. No. 1

649000X 649500X 650000X 650500X 651000X 651500X 652000X

916000Y 915500Y 915000Y 914500Y 914000Y

Reach 14

WEST CHANNEL LINE

EAST CHANNEL LINE

Reach 15

North

NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from
Bench Mark Thruway Bridge
Elevation 4.34 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

N.Y.C to Waterford

North and South of the NY Thruway Bridge

Castleton, NY 12033

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:08/04/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

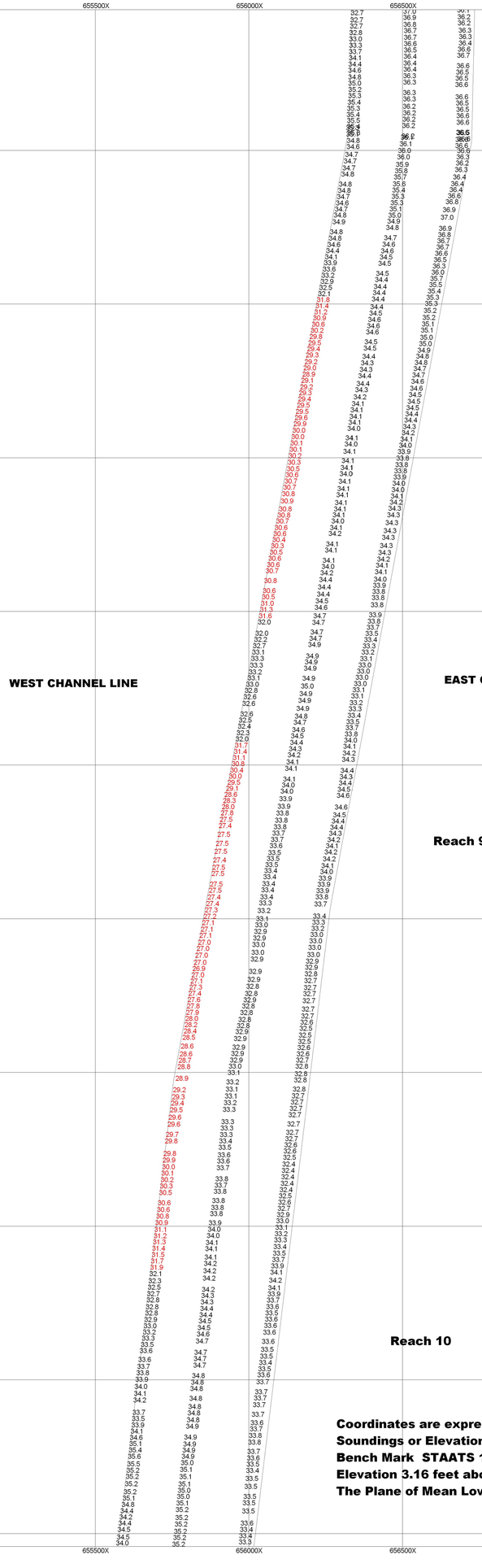
SCALE: 1"=200'

SHEET 1 OF 1

Drawing No
DRAW. No. 1

653500X 654000X 654500X 655000X 655500X 656000X 656500X 657000X 657500X 658000X 658500X 659000X 659500X

936500Y 936000Y 935500Y 935000Y 934500Y 934000Y 933500Y 933000Y 932500Y 932000Y



North

NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from Bench Mark STAATS 14A
Elevation 3.16 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

N.Y.C to Waterford

LT 209 to LT 214

Castleton, NY 12033

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:08/03/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

Drawing No
DRAW. No. 1

SHEET 1 OF 2

653500X 654000X 654500X 655000X 655500X 656000X 656500X 657000X 657500X 658000X 658500X 659000X 659500X

941000Y 940500Y 940000Y 939500Y 939000Y 938500Y 938000Y 937500Y 937000Y 936500Y

Reach 6

Reach 7

Reach 8

WEST CHANNEL LINE

EAST CHANNEL LINE

North

NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from
Bench Mark STAATS 14A
Elevation 3.16 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

N.Y.C to Waterford

LT 209 to LT 214

Castleton, NY 12033

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:08/03/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

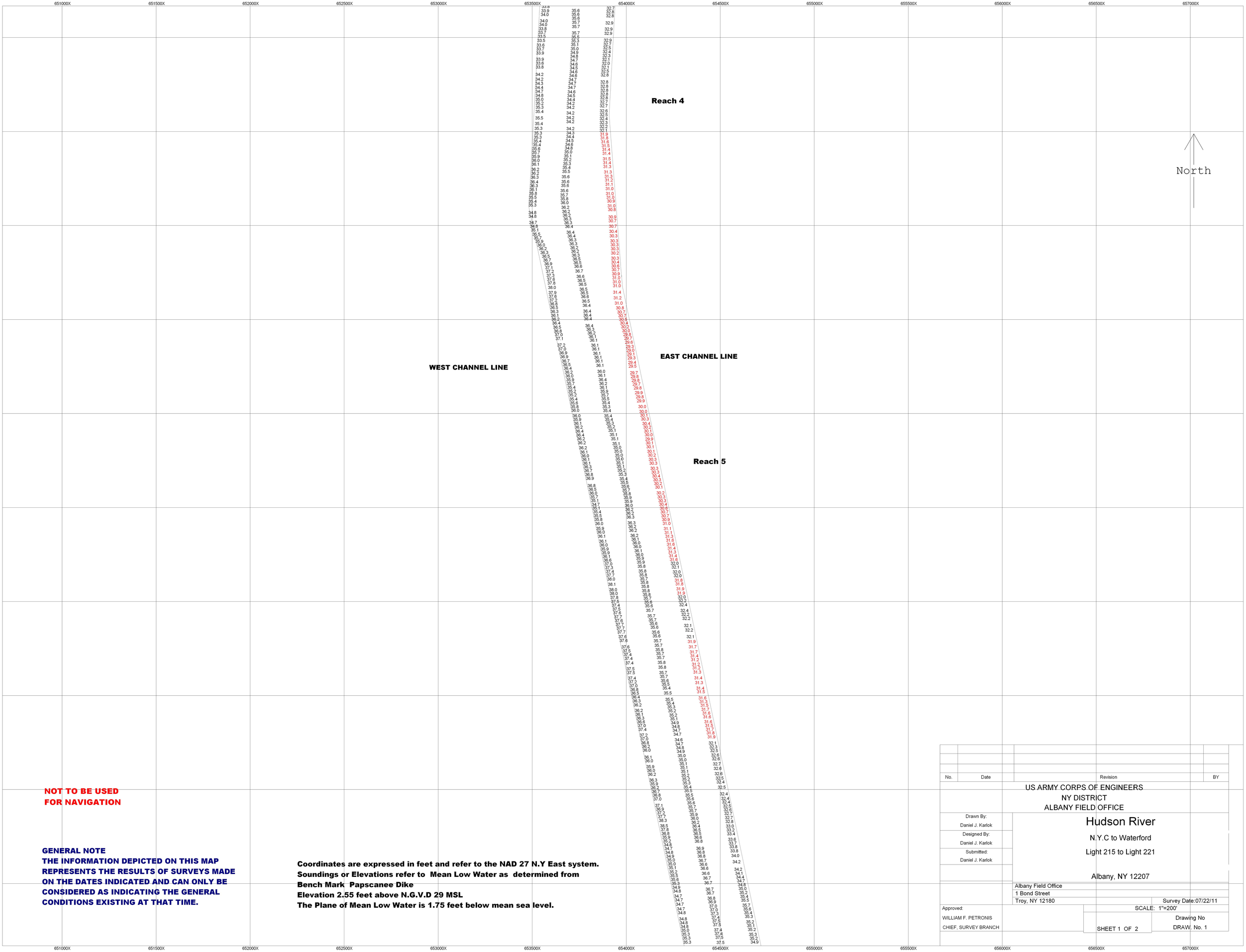
SCALE: 1"=200'

Drawing No
DRAW. No. 1

SHEET 2 OF 2

651000X 651500X 652000X 652500X 653000X 653500X 654000X 654500X 655000X 655500X 656000X 656500X 657000X

945500Y 946000Y 946500Y 947000Y 947500Y



NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from
Bench Mark Papscanee Dike
Elevation 2.55 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

N.Y.C to Waterford

Light 215 to Light 221

Albany, NY 12207

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:07/22/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

SHEET 1 OF 2

Drawing No
DRAW. No. 1

651000X 651500X 652000X 652500X 653000X 653500X 654000X 654500X 655000X 655500X 656000X 656500X 657000X

954000Y 953500Y 953000Y 952500Y 952000Y 951500Y 951000Y 950500Y 950000Y 949500Y

Reach 2

Reach 3

Reach 4

WEST CHANNEL LINE

EAST CHANNEL LINE

North

NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Mean Low Water as determined from
Bench Mark Papscanee Dike
Elevation 2.55 feet above N.G.V.D 29 MSL
The Plane of Mean Low Water is 1.75 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Hudson River

N.Y.C to Waterford

Light 215 to Light 221

Albany, NY 12207

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:07/22/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

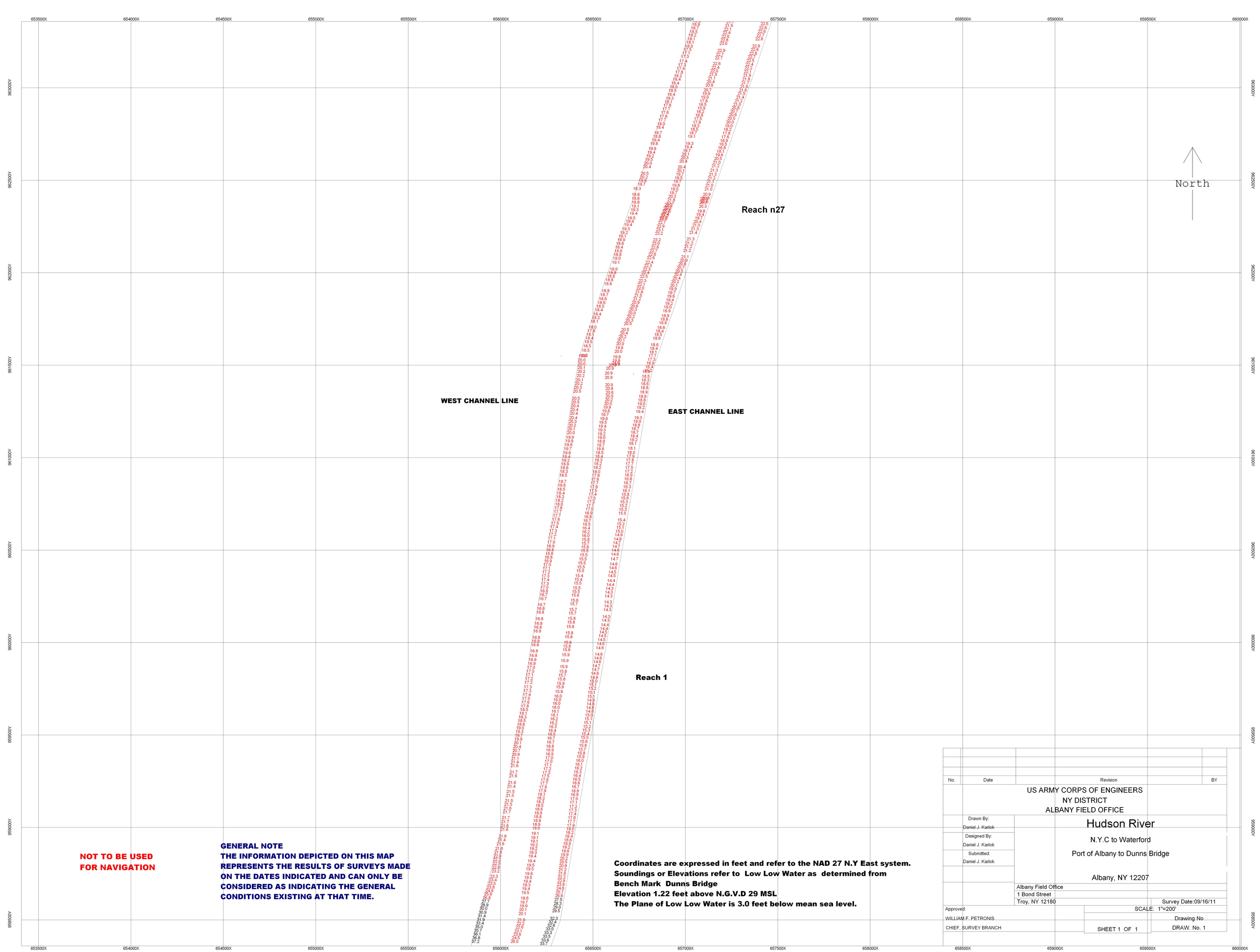
SCALE: 1"=200'

SHEET 1 OF 2

Drawing No
DRAW. No. 1

653500X 654000X 654500X 655000X 655500X 656000X 656500X 657000X 657500X 658000X 658500X 659000X 659500X 660000X

963000Y 962500Y 962000Y 961500Y 961000Y 960500Y 960000Y 959500Y 959000Y 958500Y



NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Low Low Water as determined from Bench Mark Dunns Bridge
Elevation 1.22 feet above N.G.V.D 29 MSL
The Plane of Low Low Water is 3.0 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

N.Y.C to Waterford

Port of Albany to Dunns Bridge

Albany, NY 12207

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:09/16/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

Drawing No.

SHEET 1 OF 1

DRAW. No. 1

657000X 657500X 658000X 658500X 659000X 659500X 660000X 660500X 661000X 661500X 662000X 662500X 663000X

971000Y 970500Y 970000Y 969500Y 969000Y 968500Y 968000Y 967500Y 967000Y 966500Y

Reach n24

Reach n25

Reach n26

WEST CHANNEL LINE

EAST CHANNEL LINE

North

NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Low Low Water as determined from
Bench Mark Patroon Bridge
Elevation 2.70 feet above N.G.V.D 29 MSL
The Plane of Low Low Water is 3.0 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

N.Y.C to Waterford

Swing Bridge to Patroon Island Bridge

Albany, NY 12207

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:09/15/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

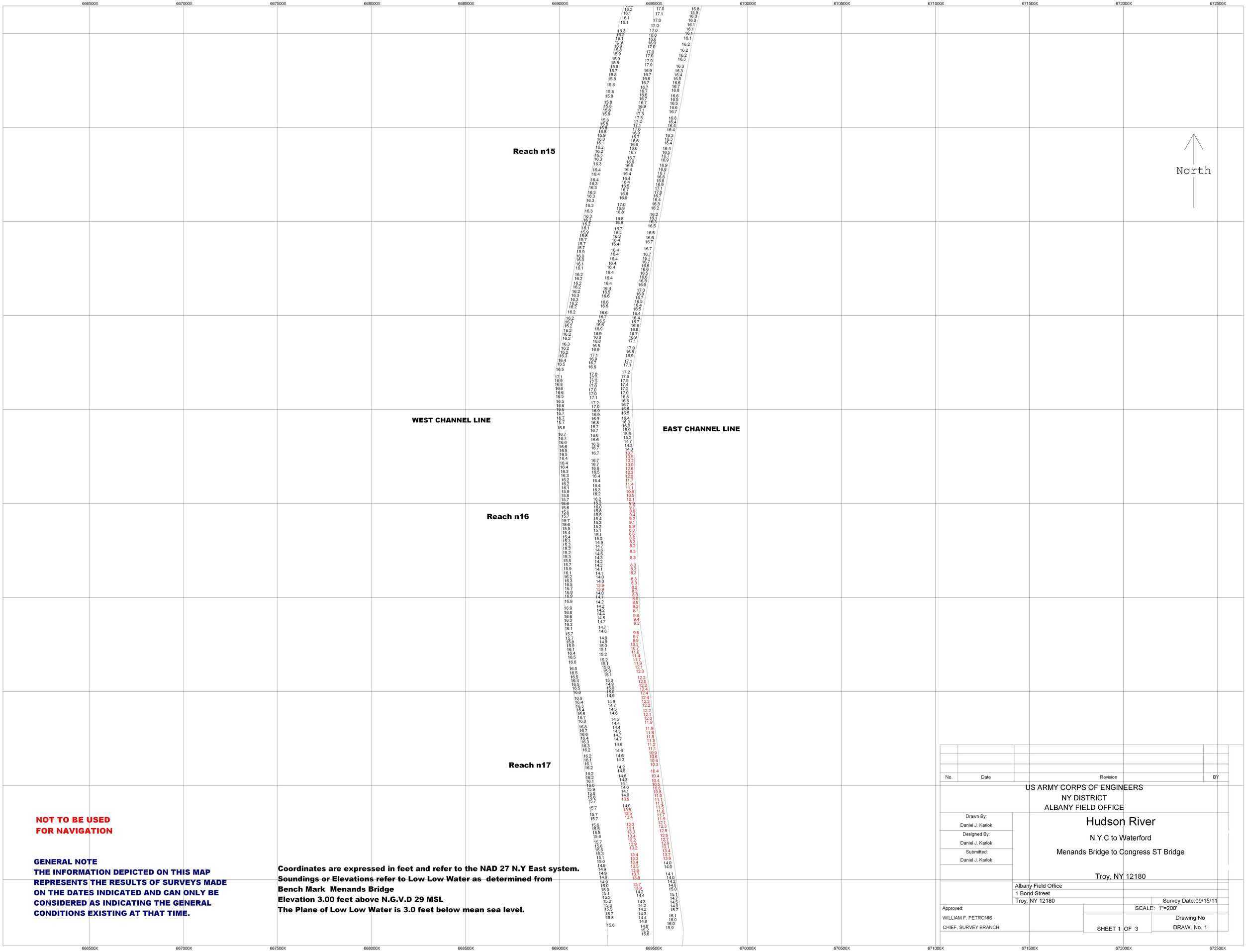
SCALE: 1"=200'

SHEET 1 OF 1

Drawing No
DRAW. No. 1

666500X 667000X 667500X 668000X 668500X 669000X 669500X 670000X 670500X 671000X 671500X 672000X 672500X

985000Y 985500Y 986000Y 986500Y 987000Y 987500Y



NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Low Low Water as determined from
Bench Mark Menands Bridge
Elevation 3.00 feet above N.G.V.D 29 MSL
The Plane of Low Low Water is 3.0 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Hudson River

N.Y.C to Waterford

Menands Bridge to Congress ST Bridge

Troy, NY 12180

Drawn By:	Daniel J. Karlok
Designed By:	Daniel J. Karlok
Submitted:	Daniel J. Karlok

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:09/15/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

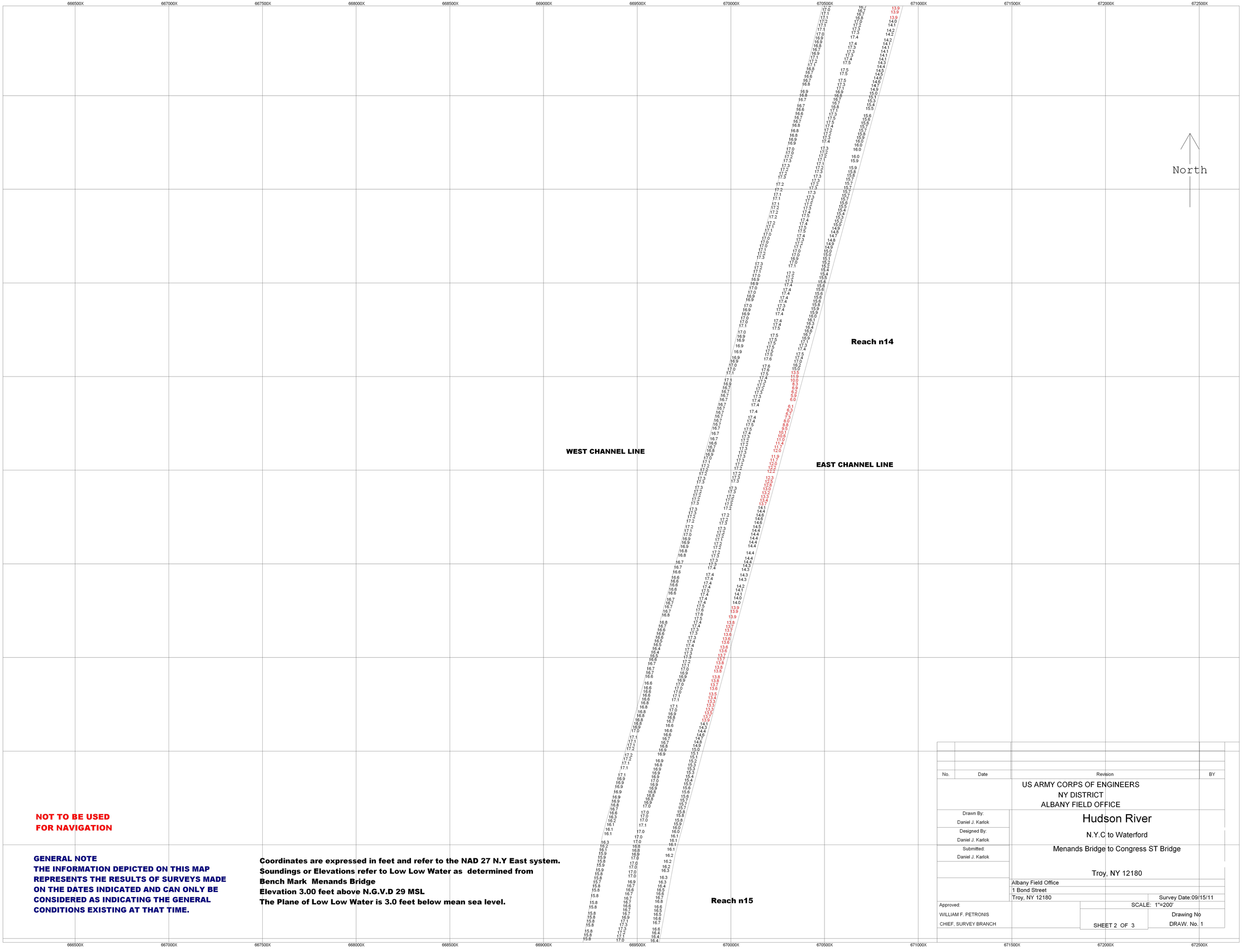
SCALE: 1"=200'

SHEET 1 OF 3

Drawing No
DRAW. No. 1

666500X 667000X 667500X 668000X 668500X 669000X 669500X 670000X 670500X 671000X 671500X 672000X 672500X

993500Y 993000Y 992500Y 992000Y 991500Y 991000Y 990500Y 990000Y 989500Y 989000Y



NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Low Low Water as determined from Bench Mark Menands Bridge
Elevation 3.00 feet above N.G.V.D 29 MSL
The Plane of Low Low Water is 3.0 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Hudson River

N.Y.C to Waterford

Menands Bridge to Congress ST Bridge

Troy, NY 12180

Drawn By:	Daniel J. Karlok
Designed By:	Daniel J. Karlok
Submitted:	Daniel J. Karlok

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:09/15/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

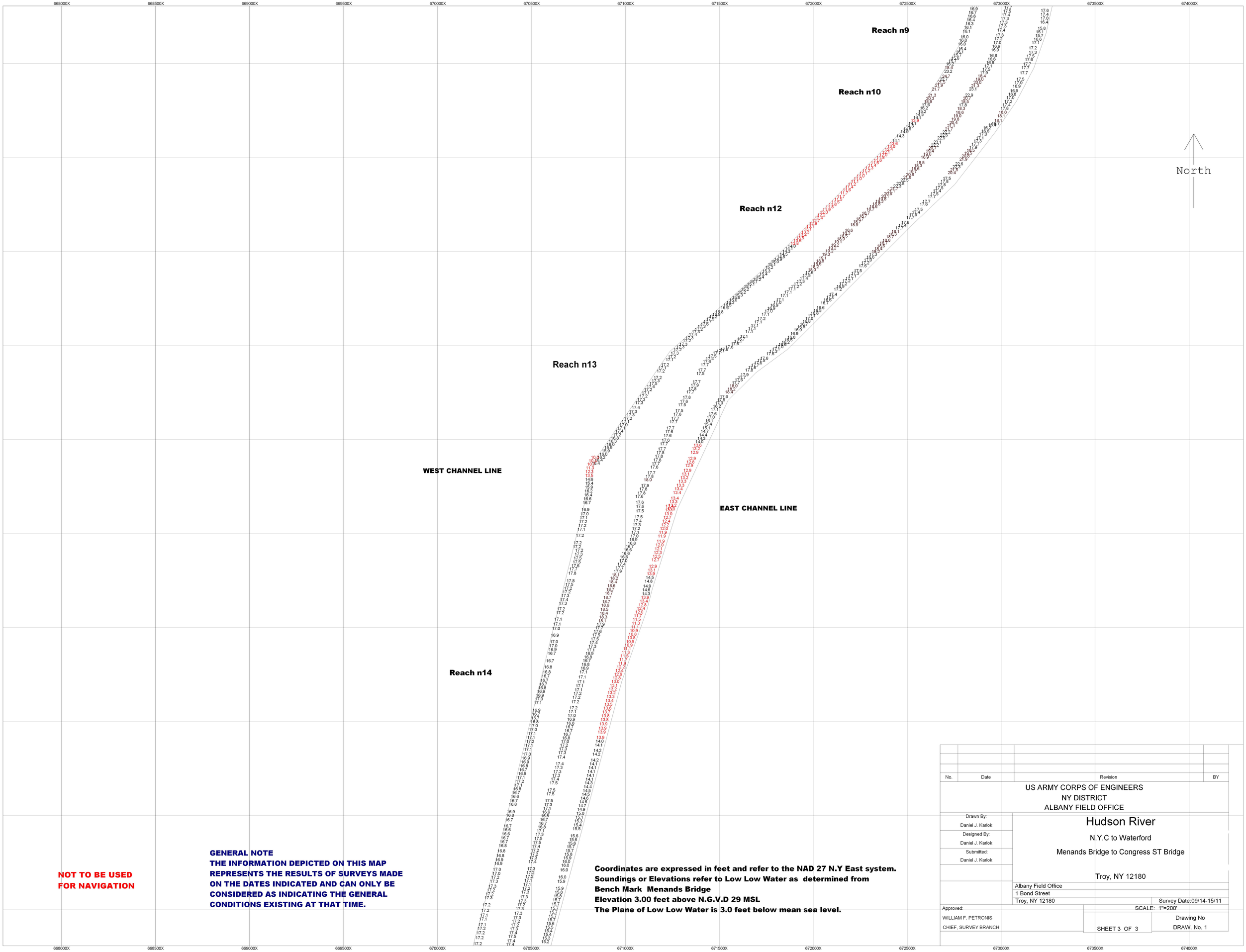
SCALE: 1"=200'

SHEET 2 OF 3

Drawing No
DRAW. No. 1

668000X 668500X 669000X 669500X 670000X 670500X 671000X 671500X 672000X 672500X 673000X 673500X 674000X

997500Y 997000Y 996500Y 996000Y 995500Y 995000Y 994500Y 994000Y 993500Y 993000Y



NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Low Low Water as determined from
Bench Mark Menands Bridge
Elevation 3.00 feet above N.G.V.D 29 MSL
The Plane of Low Low Water is 3.0 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Hudson River

N.Y.C to Waterford

Menands Bridge to Congress ST Bridge

Troy, NY 12180

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:09/14-15/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

SHEET 3 OF 3

Drawing No
DRAW. No. 1

670000X 670500X 671000X 671500X 672000X 672500X 673000X 673500X 674000X 674500X 675000X 675500X 676000X

1002500Y 1002000Y 1001500Y 1001000Y 1000500Y 1000000Y 999500Y 999000Y 998500Y 998000Y

Reach 5

WEST CHANNEL LINE

EAST CHANNEL LINE

Reach 7

Reach 6

Reach 8

Reach 9

North

NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Low Low Water as determined from
Bench Mark Lock South
Elevation 5.03 feet above N.G.V.D 29 MSL
The Plane of Low Low Water is 3.0 feet below mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Hudson River

N.Y.C to Waterford

Collar City Bridge to Troy Lock

Troy, NY 12180

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:09/14/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

SHEET 1 OF 1

Drawing No
DRAW. No. 1

673000X 673500X 674000X 674500X 675000X 675500X

1005000Y 1004500Y 1004000Y 1003500Y 1003000Y

Reach n3

WEST CHANNEL LINE

EAST CHANNEL LINE

Reach n4

North

NOT TO BE USED FOR NAVIGATION

GENERAL NOTE
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 are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Normal Pool Level as determined from Bench Mark BM#2
Elevation 25.67 feet above N.G.V.D 29 MSL
The Plane of Normal Pool Level is 14.3 feet above mean sea level.

No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
Submitted: Daniel J. Karlok

Hudson River

N.Y.C to Waterford

North entrance to Troy Lock

Troy, NY 12180

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:05/05/11

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

SHEET 1 OF 1

Drawing No
DRAW. No. 1