744000X 744200X 744400X 744600X 744800X 745000X 745200X 745400X 745600X 745800X 746000X 746200X 746400X 746600X 746800X 747000X 747200X 747400X 747600X 747800X 748000X 748200X 748400X 748600X 748800X 749000X 749200X 749400X 749600X 749800X 750000X 750200X 750400X

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Reach 4

Reach 3

Reach 2

Reach 1

WEST CHANNEL LINE

EAST CHANNEL LINE

North

NOT TO BE USED FOR NAVIGATION

Coordinates are expressed in feet and refer to the NAD 27 N.Y East system.
Soundings or Elevations refer to Low LAKE LEVEL as determined from
Bench Mark LOCK 12 p.k 2
Elevation 100.00 feet above N.G.V.D 29 MSL
The Plane of Low Lake Level is 93.0 feet above mean sea level.

GENERAL NOTE
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No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Narrows of Lake Champlain

Lock 12 to Benson Landing

Reach 1-67

Whitehall, NY 12887

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

Albany Field Office
1 Bond Street
Troy, NY 12180

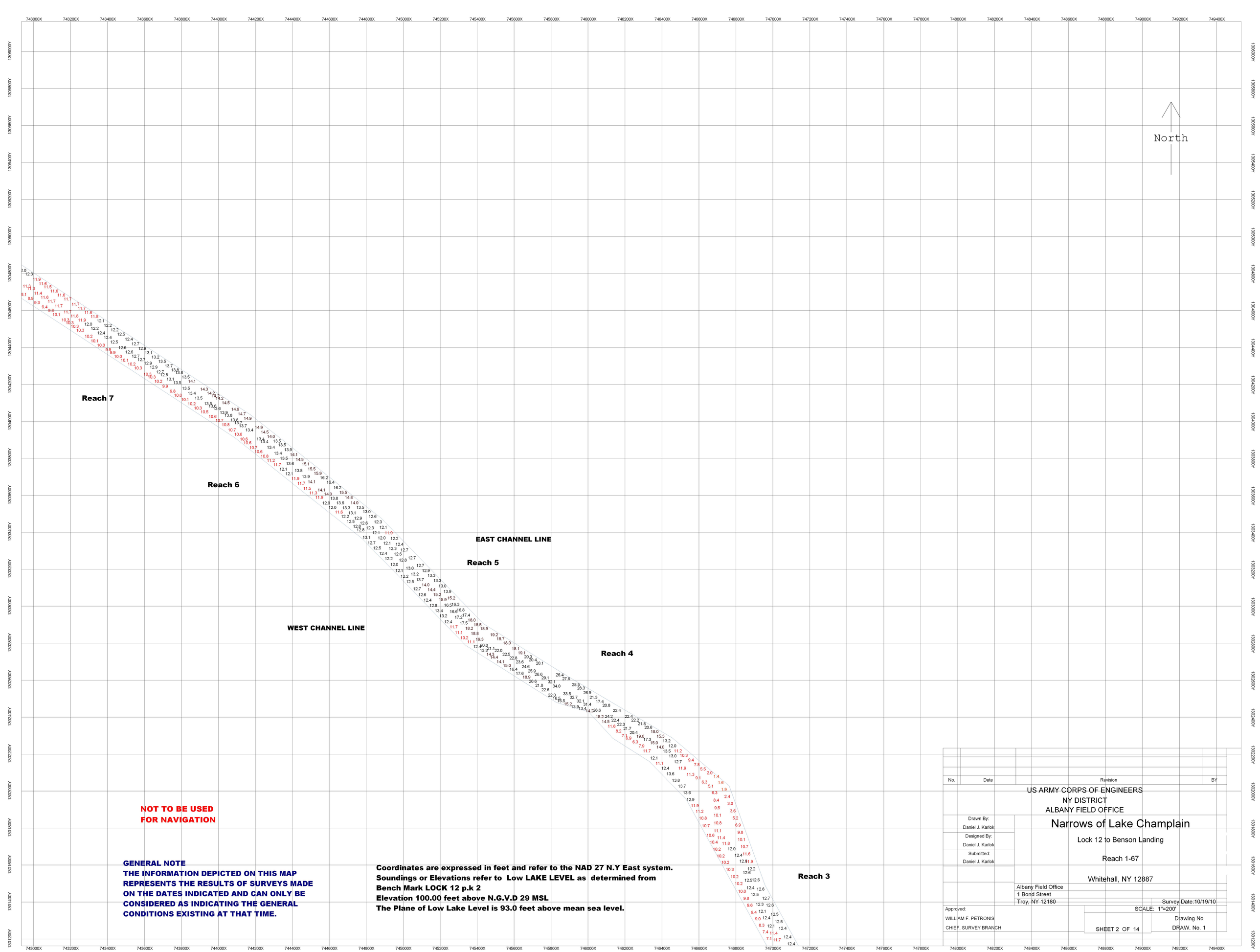
Survey Date:10/19/10

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

Drawing No
DRAW. No. 1

SHEET 1 OF 14



NOT TO BE USED FOR NAVIGATION

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US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Narrows of Lake Champlain

Lock 12 to Benson Landing

Reach 1-67

Whitehall, NY 12887

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
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Troy, NY 12180

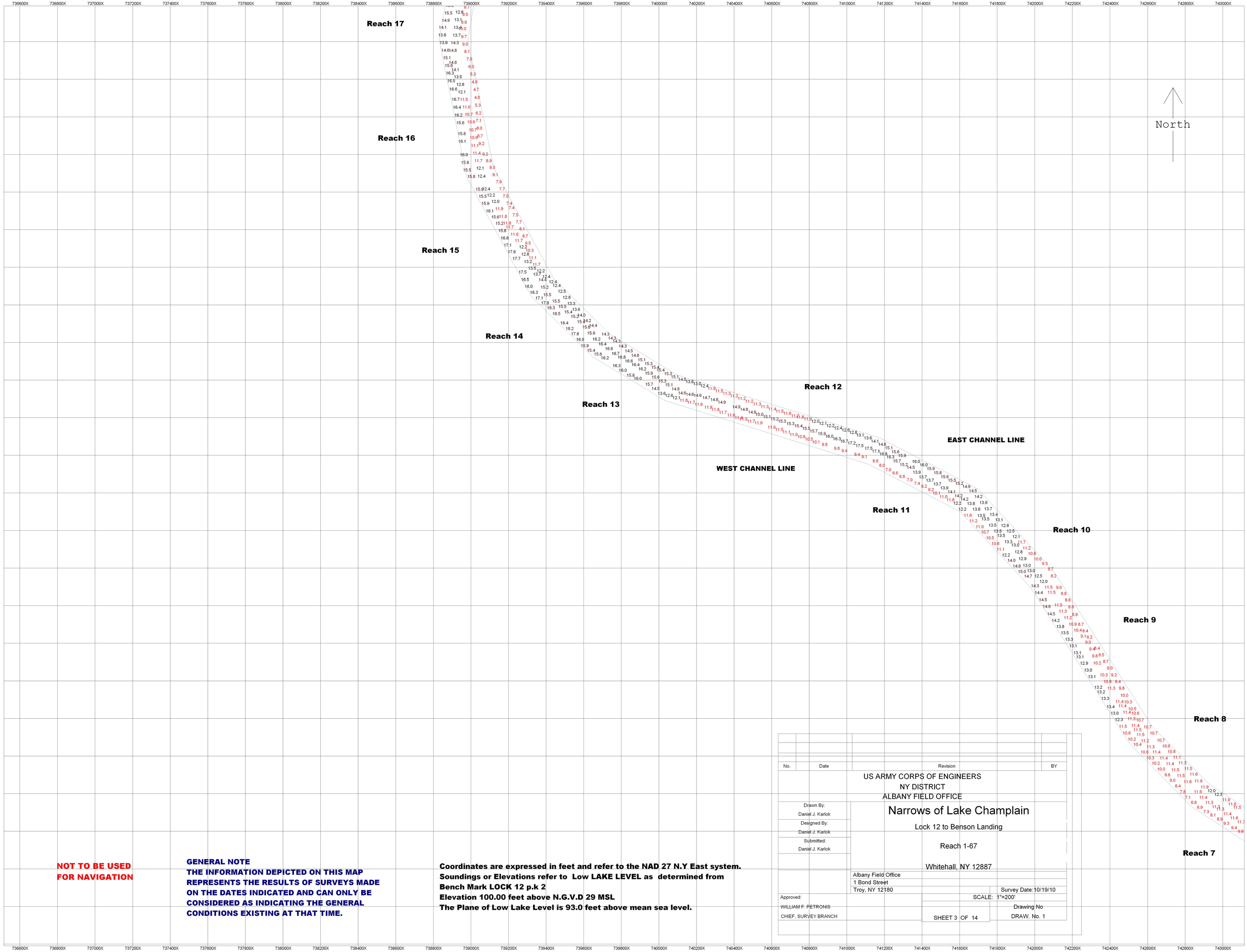
Survey Date:10/19/10

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

Drawing No
DRAW. No. 1

SHEET 2 OF 14



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No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Narrows of Lake Champlain

Lock 12 to Benson Landing

Reach 1-67

Whitehall, NY 12887

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

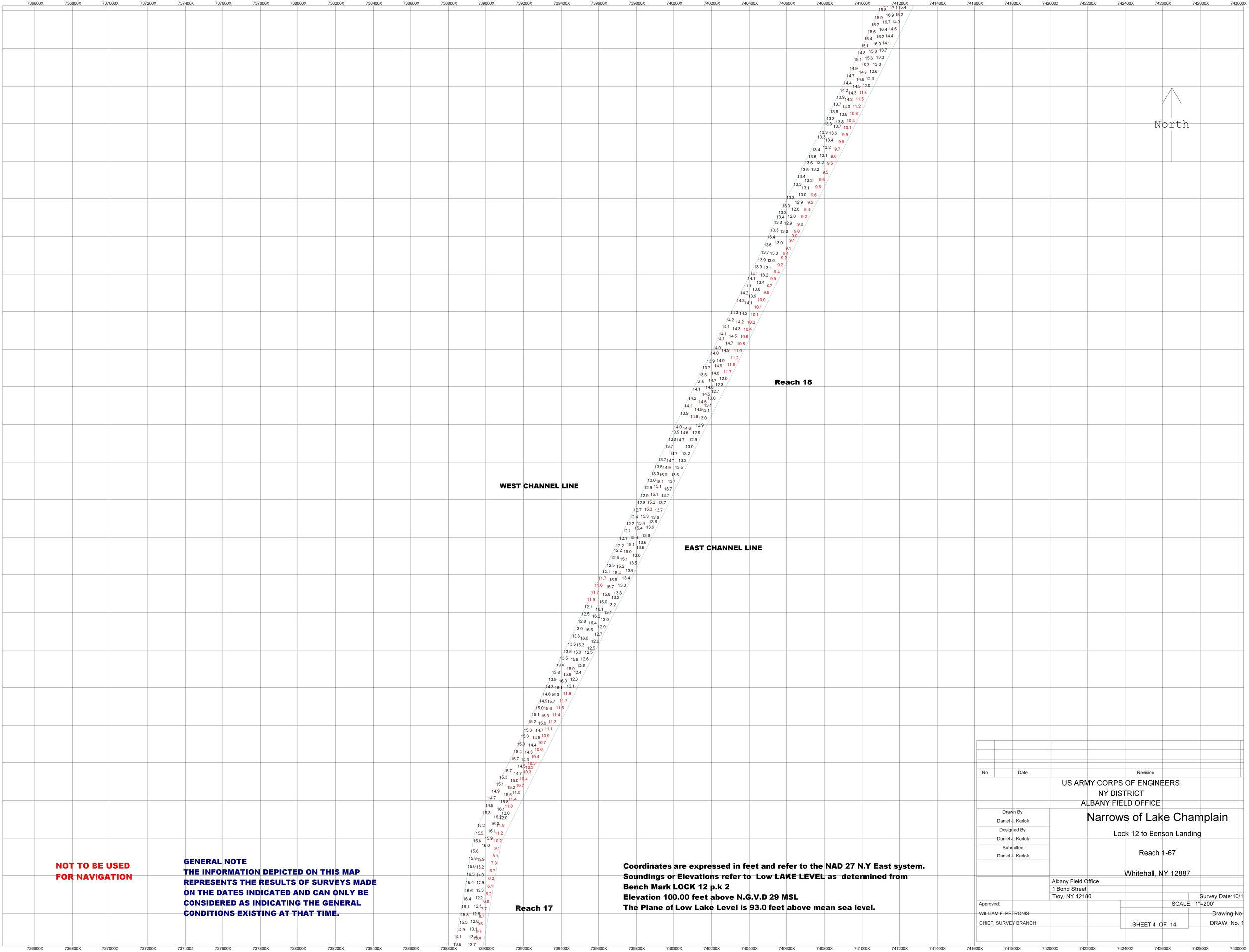
Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:10/19/10
SCALE: 1"=200'

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SHEET 3 OF 14

Drawing No
DRAW. No. 1



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No.	Date	Revision

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Narrows of Lake Champlain

Lock 12 to Benson Landing

Reach 1-67

Whitehall, NY 12887

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

Albany Field Office
1 Bond Street
Troy, NY 12180

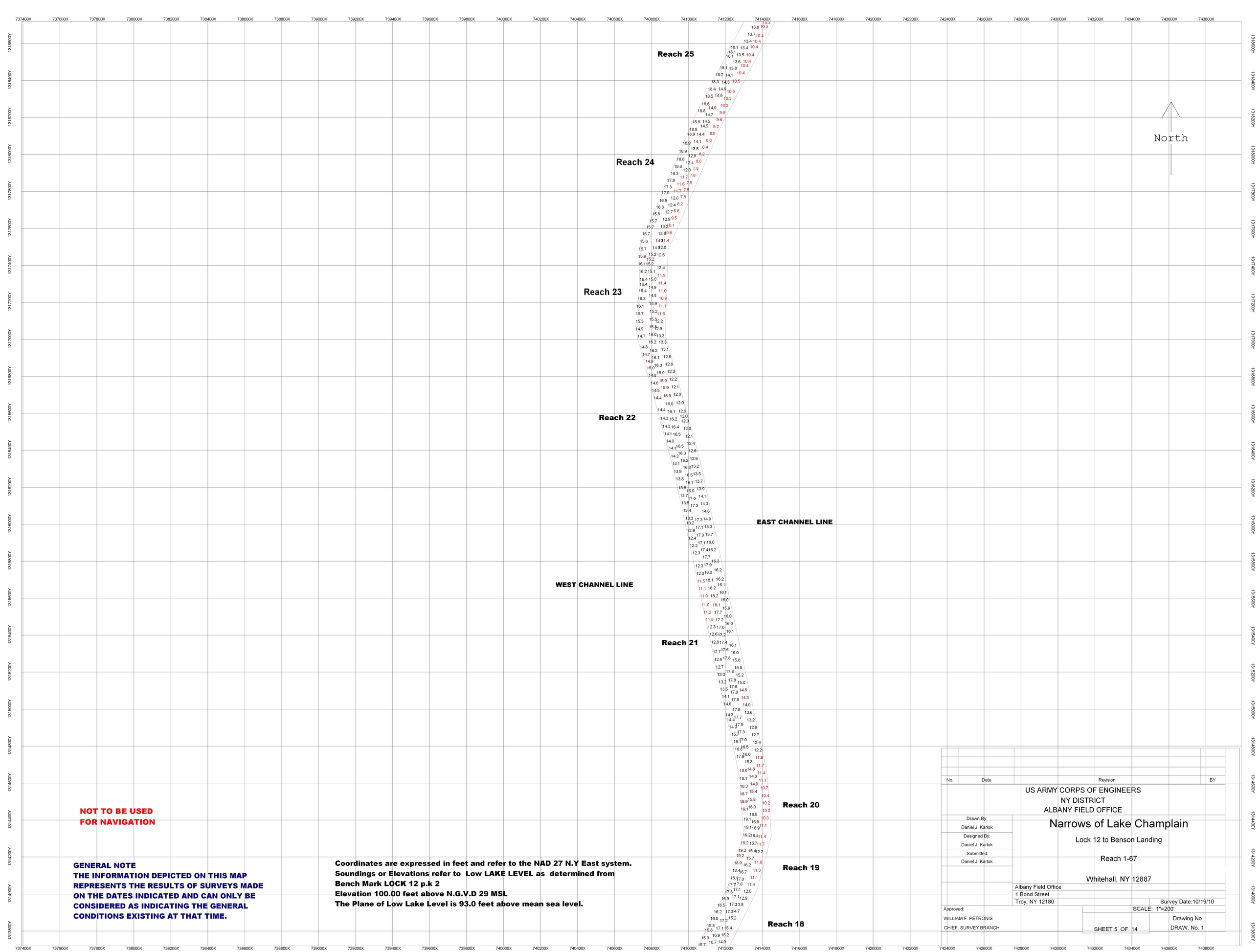
Survey Date: 10/1

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

Drawing No
DRAW. No. 1

SHEET 4 OF 14



NOT TO BE USED FOR NAVIGATION

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Bench Mark LOCK 12 p.k 2
Elevation 100.00 feet above N.G.V.D 29 MSL
The Plane of Low Lake Level is 93.0 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

Narrows of Lake Champlain

Lock 12 to Benson Landing

Reach 1-67

Whitehall, NY 12887

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:10/19/10

Approved:
WILLIAM F. PETRONIS
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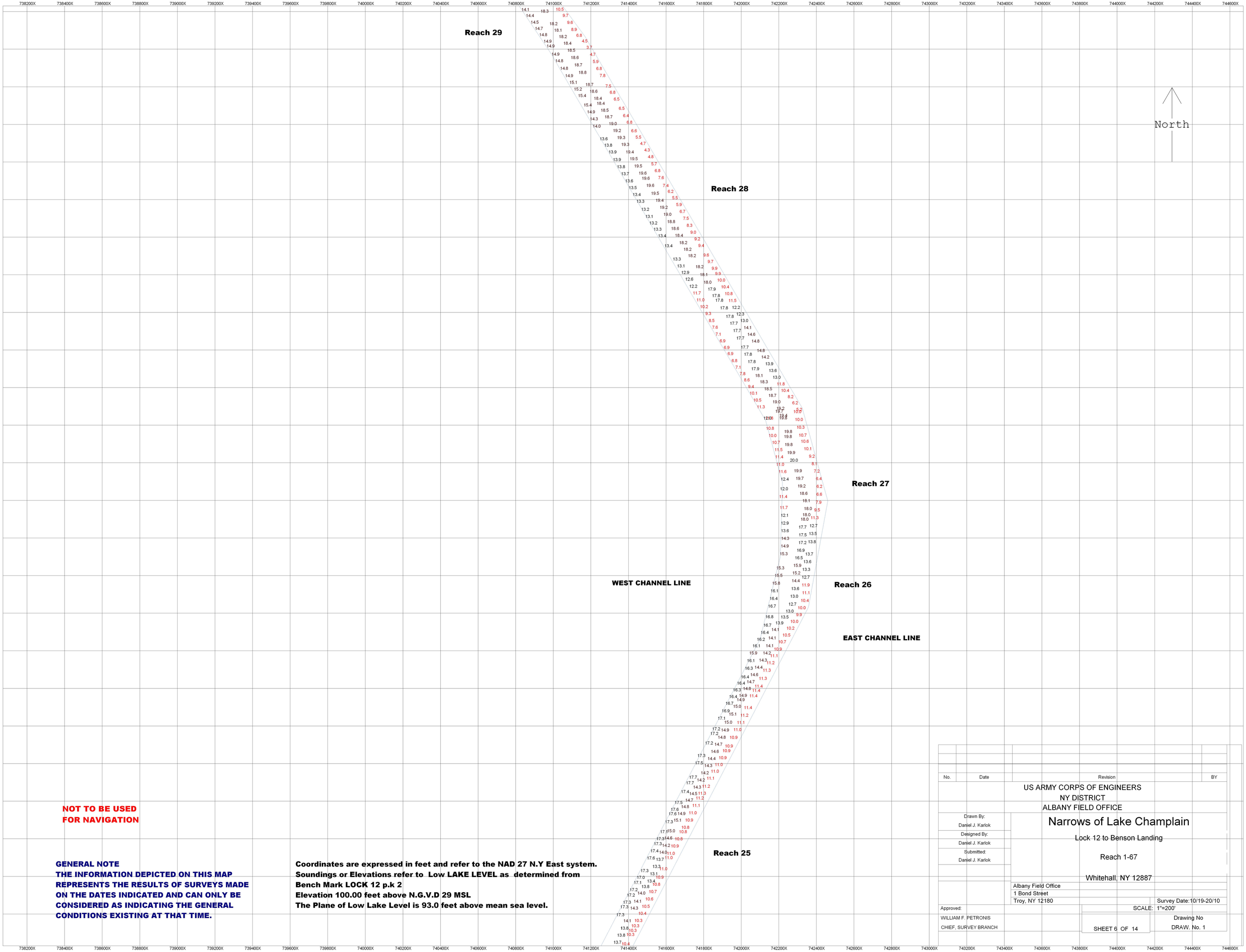
SCALE: 1"=200'

Drawing No
DRAW. No. 1

SHEET 5 OF 14

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1323600Y 1323400Y 1323200Y 1323000Y 1322800Y 1322600Y 1322400Y 1322200Y 1322000Y 1321800Y 1321600Y 1321400Y 1321200Y 1321000Y 1320800Y 1320600Y 1320400Y 1320200Y 1320000Y 1319800Y 1319600Y 1319400Y 1319200Y 1319000Y 1318800Y



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Bench Mark LOCK 12 p.k 2
Elevation 100.00 feet above N.G.V.D 29 MSL
The Plane of Low Lake Level is 93.0 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

Narrows of Lake Champlain

Lock 12 to Benson Landing

Reach 1-67

Whitehall, NY 12887

Albany Field Office
1 Bond Street
Troy, NY 12180

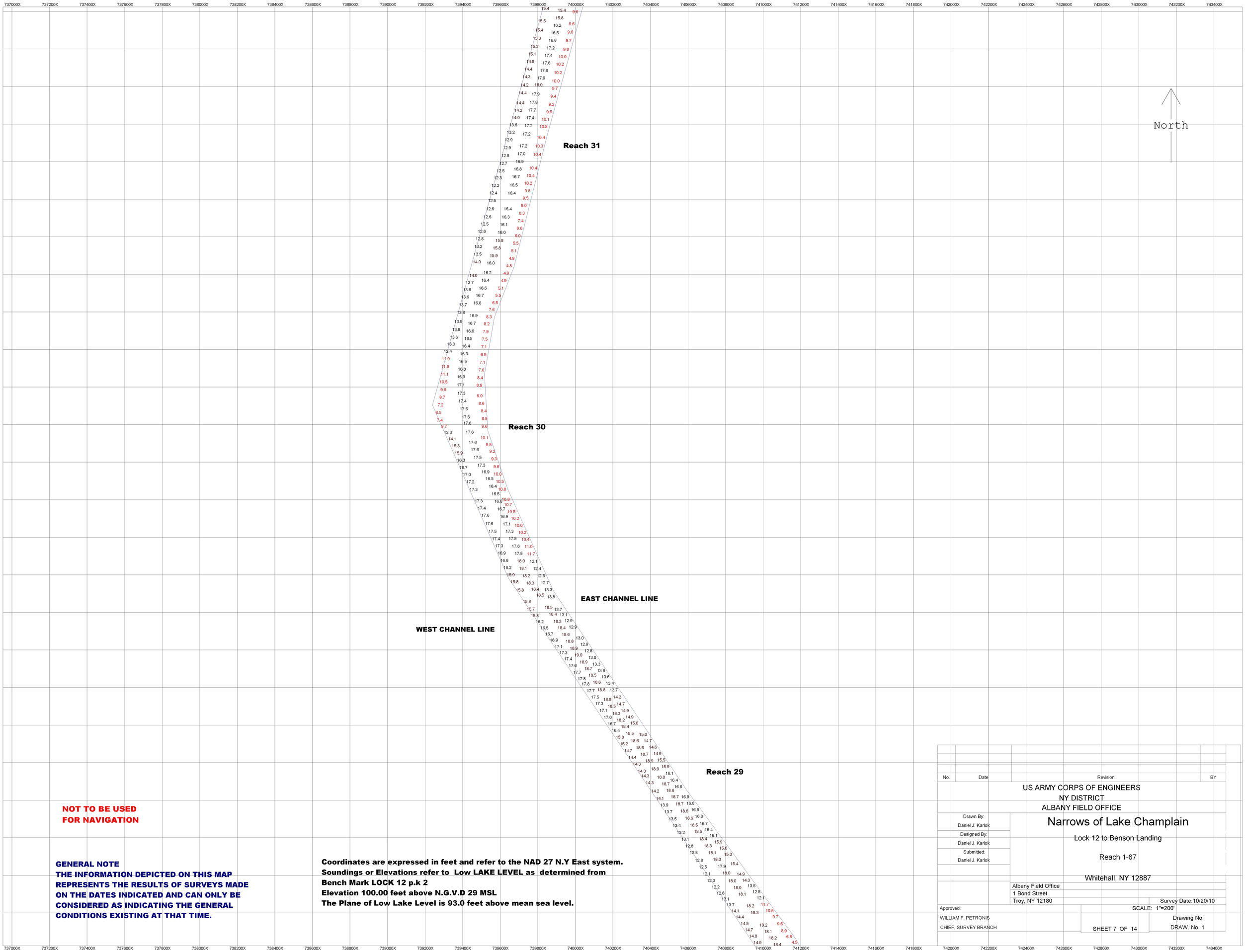
Survey Date:10/19-20/10

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

SHEET 6 OF 14

Drawing No
DRAW. No. 1



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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

Narrows of Lake Champlain

Lock 12 to Benson Landing

Reach 1-67

Whitehall, NY 12887

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:10/20/10

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

SHEET 7 OF 14

Drawing No
DRAW. No. 1

738000X 738500X 739000X 739500X 740000X 740500X 741000X 741500X 742000X 742500X 743000X 743500X 744000X

1333000Y 1332500Y 1332000Y 1331500Y 1331000Y 1330500Y 1330000Y 1329500Y 1329000Y 1328500Y

Reach 40

Reach 39

Reach 38

Reach 37

Reach 36

Reach 35

Reach 34

Reach 33

Reach 32

Reach 31

WEST CHANNEL LINE

EAST CHANNEL LINE

North

NOT TO BE USED FOR NAVIGATION

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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

Narrows of Lake Champlain

Lock 12 to Benson Landing

Reach 1-67

Whitehall, NY 12887

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:10/20/10

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

SHEET 8 OF 14

Drawing No
DRAW. No. 1

739800X 740000X 740200X 740400X 740600X 740800X 741000X 741200X 741400X 741600X 741800X 742000X 742200X 742400X 742600X 742800X 743000X 743200X 743400X 743600X 743800X 744000X 744200X 744400X 744600X 744800X 745000X 745200X 745400X 745600X 745800X 746000X 746200X

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North

Reach 43

EAST CHANNEL LINE

WEST CHANNEL LINE

Reach 42

Reach 41

Reach 40

Coordinates are expressed in feet and refer to the NAD 27 N.Y East system.
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Bench Mark LOCK 12 p.k 2
Elevation 100.00 feet above N.G.V.D 29 MSL
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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

Narrows of Lake Champlain

Lock 12 to Benson Landing

Reach 1-67

Whitehall, NY 12887

Albany Field Office
1 Bond Street
Troy, NY 12180

Survey Date:10/20/10
SCALE: 1"=200'

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

Drawing No
DRAW. No. 1

SHEET 9 OF 14

740800X 741000X 741200X 741400X 741600X 741800X 742000X 742200X 742400X 742600X 742800X 743000X 743200X 743400X 743600X 743800X 744000X 744200X 744400X 744600X 744800X 745000X 745200X 745400X 745600X 745800X 746000X 746200X 746400X 746600X 746800X 747000X 747200X

1342200Y 1342000Y 1341800Y 1341600Y 1341400Y 1341200Y 1341000Y 1340800Y 1340600Y 1340400Y 1340200Y 1340000Y 1339800Y 1339600Y 1339400Y 1339200Y 1339000Y 1338800Y 1338600Y 1338400Y 1338200Y 1338000Y 1337800Y 1337600Y 1337400Y

Reach 47

Reach 46

Reach 45

Reach 44

Reach 43

WEST CHANNEL LINE

EAST CHANNEL LINE

North

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No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Narrows of Lake Champlain

Lock 12 to Benson Landing

Reach 1-67

Whitehall, NY 12887

Drawn By: Daniel J. Karlok
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Albany Field Office
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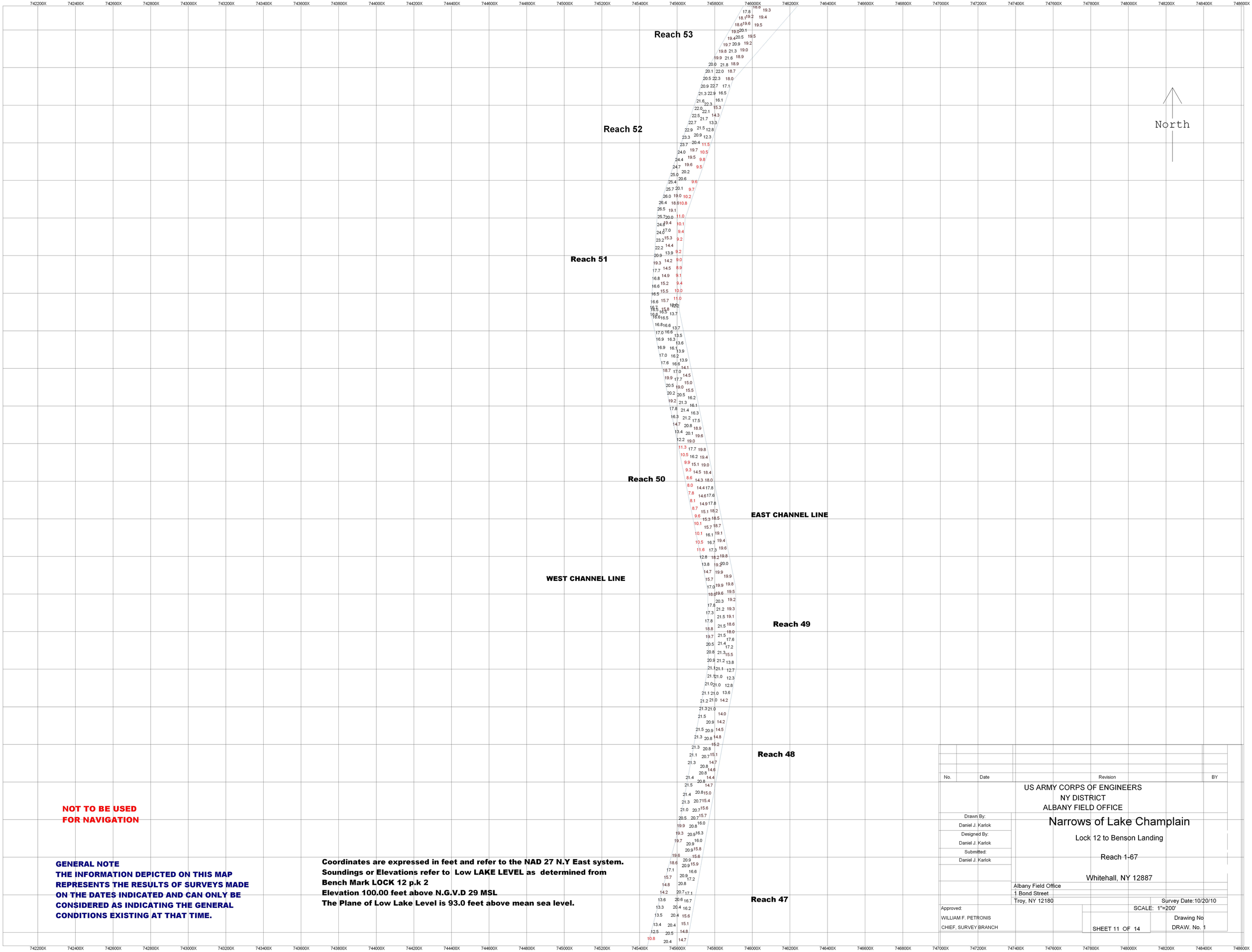
Survey Date:10/20/10

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

SHEET 10 OF 14

Drawing No
DRAW. No. 1



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No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Narrows of Lake Champlain

Lock 12 to Benson Landing

Reach 1-67

Whitehall, NY 12887

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:10/20/10

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CHIEF, SURVEY BRANCH

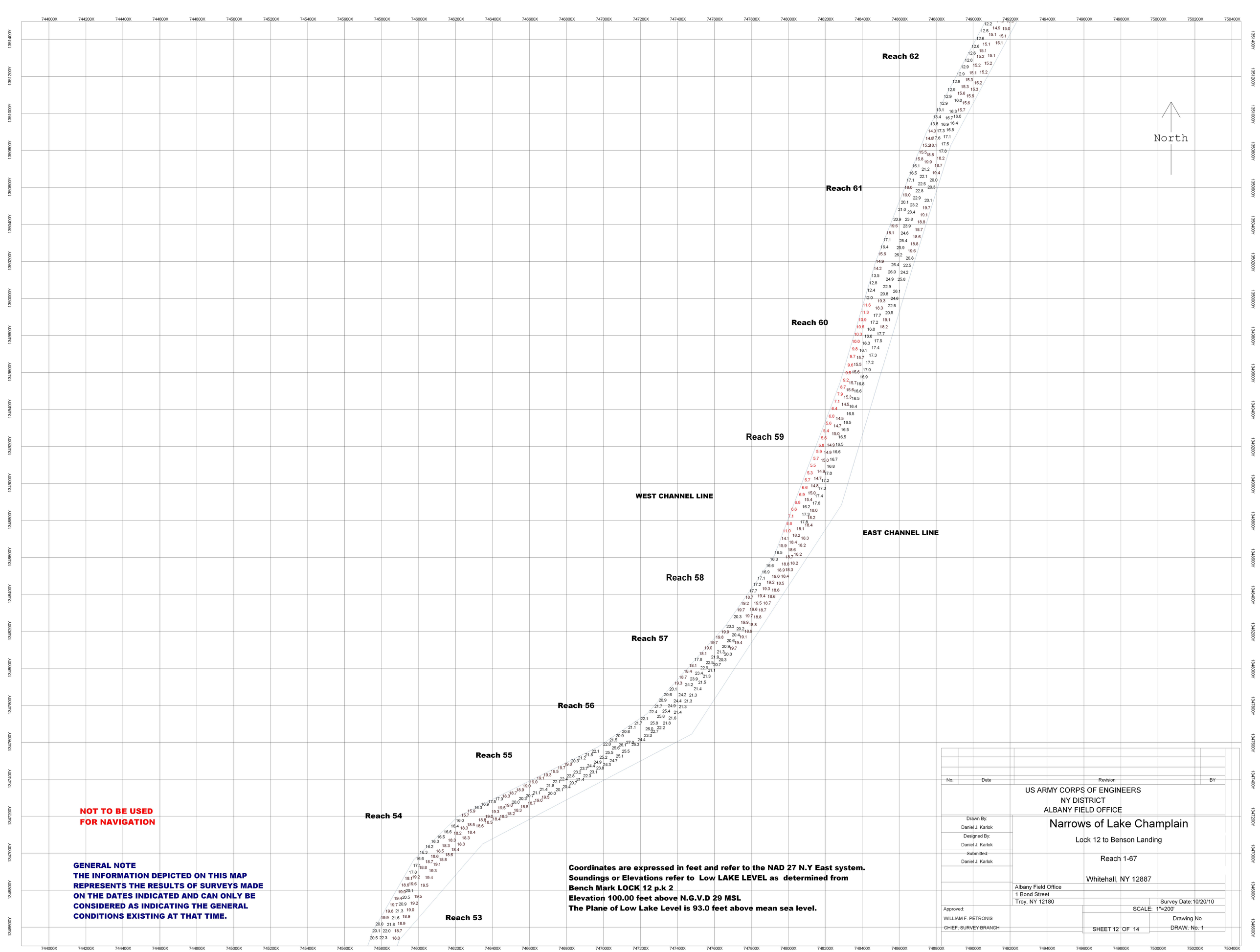
SCALE: 1"=200'

Drawing No
DRAW. No. 1

SHEET 11 OF 14

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1351400Y 1351200Y 1351000Y 1350800Y 1350600Y 1350400Y 1350200Y 1350000Y 1349800Y 1349600Y 1349400Y 1349200Y 1349000Y 1348800Y 1348600Y 1348400Y 1348200Y 1348000Y 1347800Y 1347600Y 1347400Y 1347200Y 1347000Y 1346800Y 1346600Y



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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

Narrows of Lake Champlain

Lock 12 to Benson Landing

Reach 1-67

Whitehall, NY 12887

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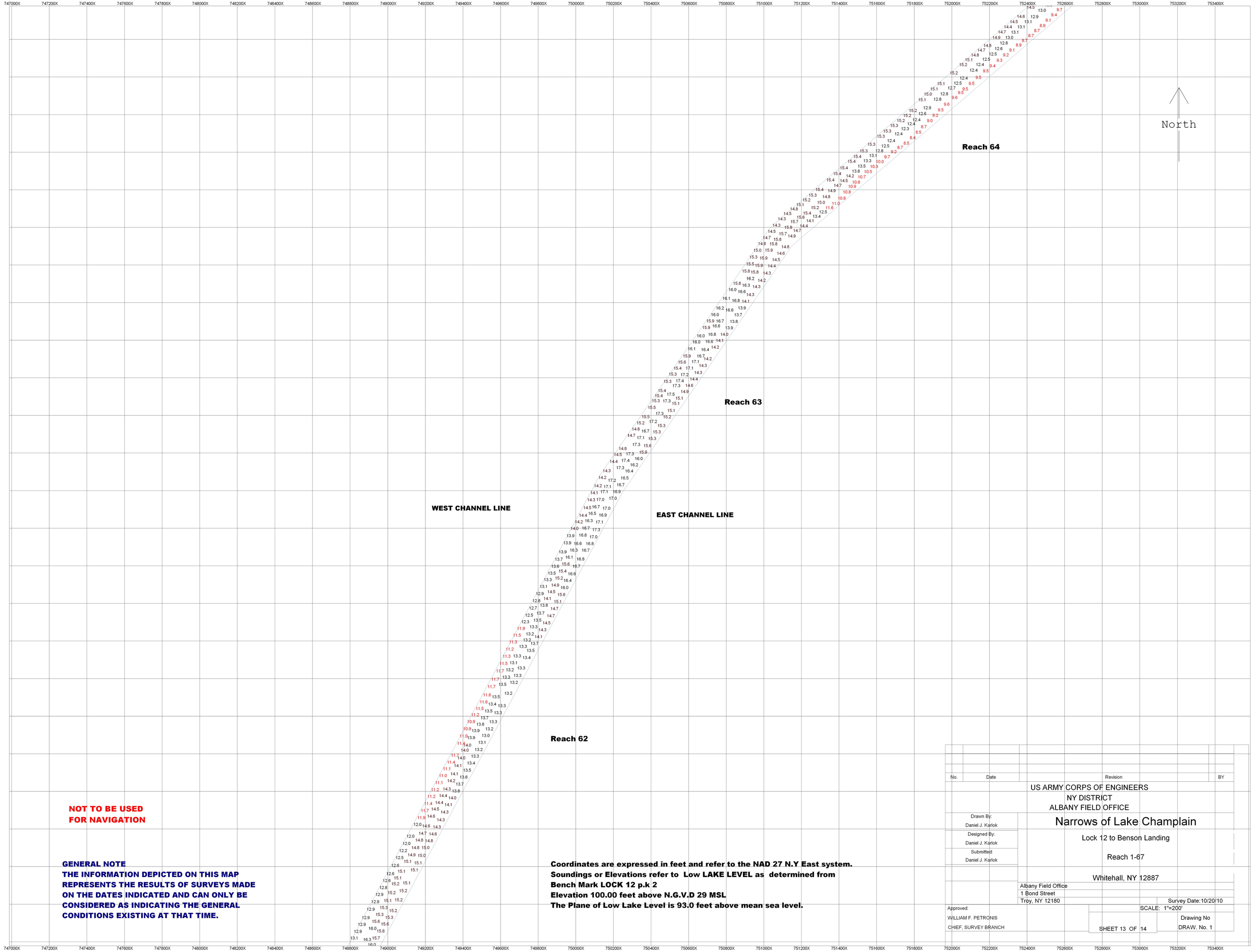
Survey Date:10/20/10
SCALE: 1"=200'

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

Drawing No
DRAW: No. 1
SHEET 12 OF 14

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1355800Y 1355600Y 1355400Y 1355200Y 1355000Y 1354800Y 1354600Y 1354400Y 1354200Y 1354000Y 1353800Y 1353600Y 1353400Y 1353200Y 1353000Y 1352800Y 1352600Y 1352400Y 1352200Y 1352000Y 1351800Y 1351600Y 1351400Y 1351200Y 1351000Y



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No.	Date	Revision	BY

US ARMY CORPS OF ENGINEERS
NY DISTRICT
ALBANY FIELD OFFICE

Narrows of Lake Champlain

Lock 12 to Benson Landing

Reach 1-67

Whitehall, NY 12887

Drawn By: Daniel J. Karlok
Designed By: Daniel J. Karlok
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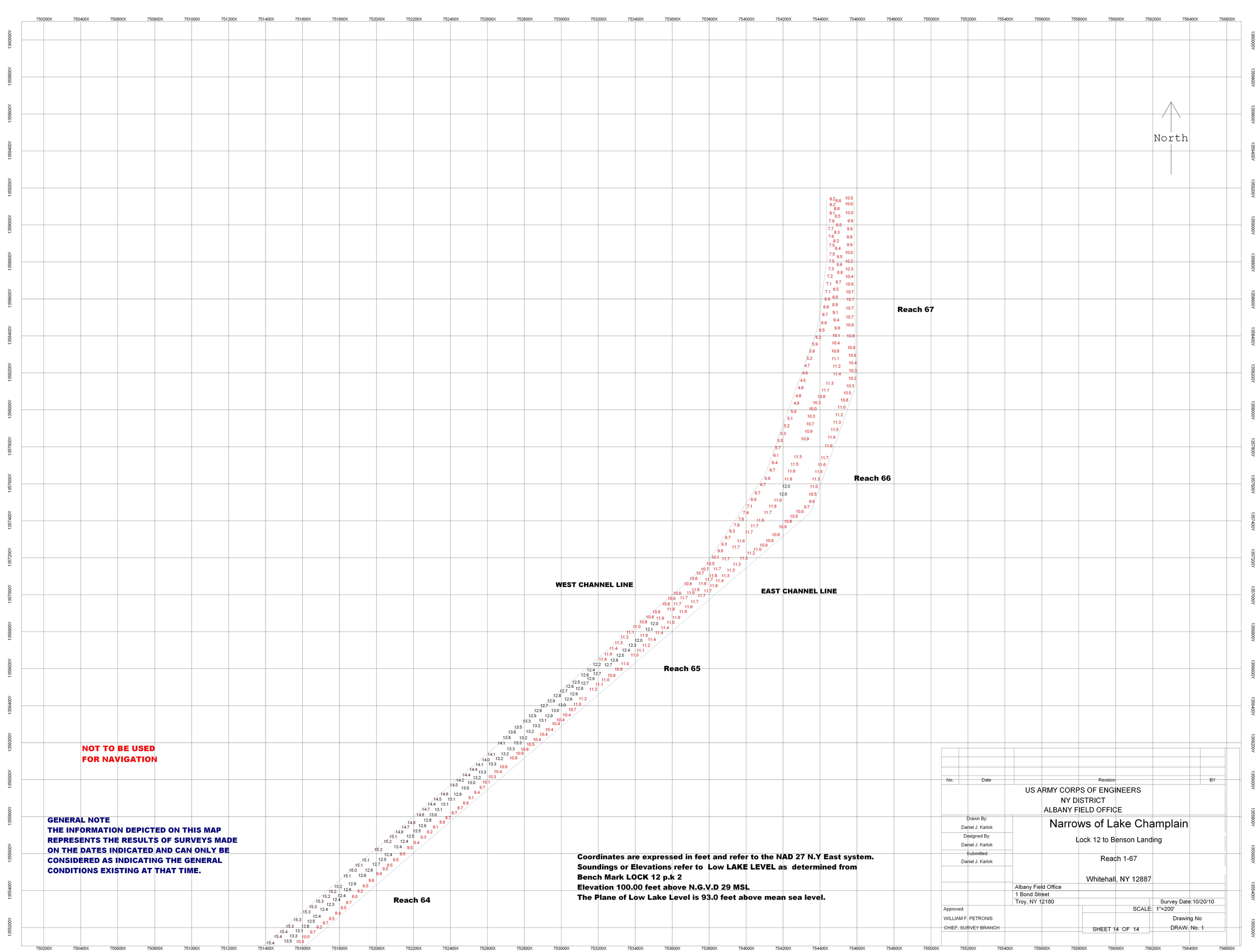
Survey Date:10/20/10

Approved:
WILLIAM F. PETRONIS
CHIEF, SURVEY BRANCH

SCALE: 1"=200'

SHEET 13 OF 14

Drawing No
DRAW. No. 1



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Survey Date:10/20/10

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CHIEF, SURVEY BRANCH

SCALE: 1"=200'

SHEET 14 OF 14

Drawing No
DRAW. No. 1