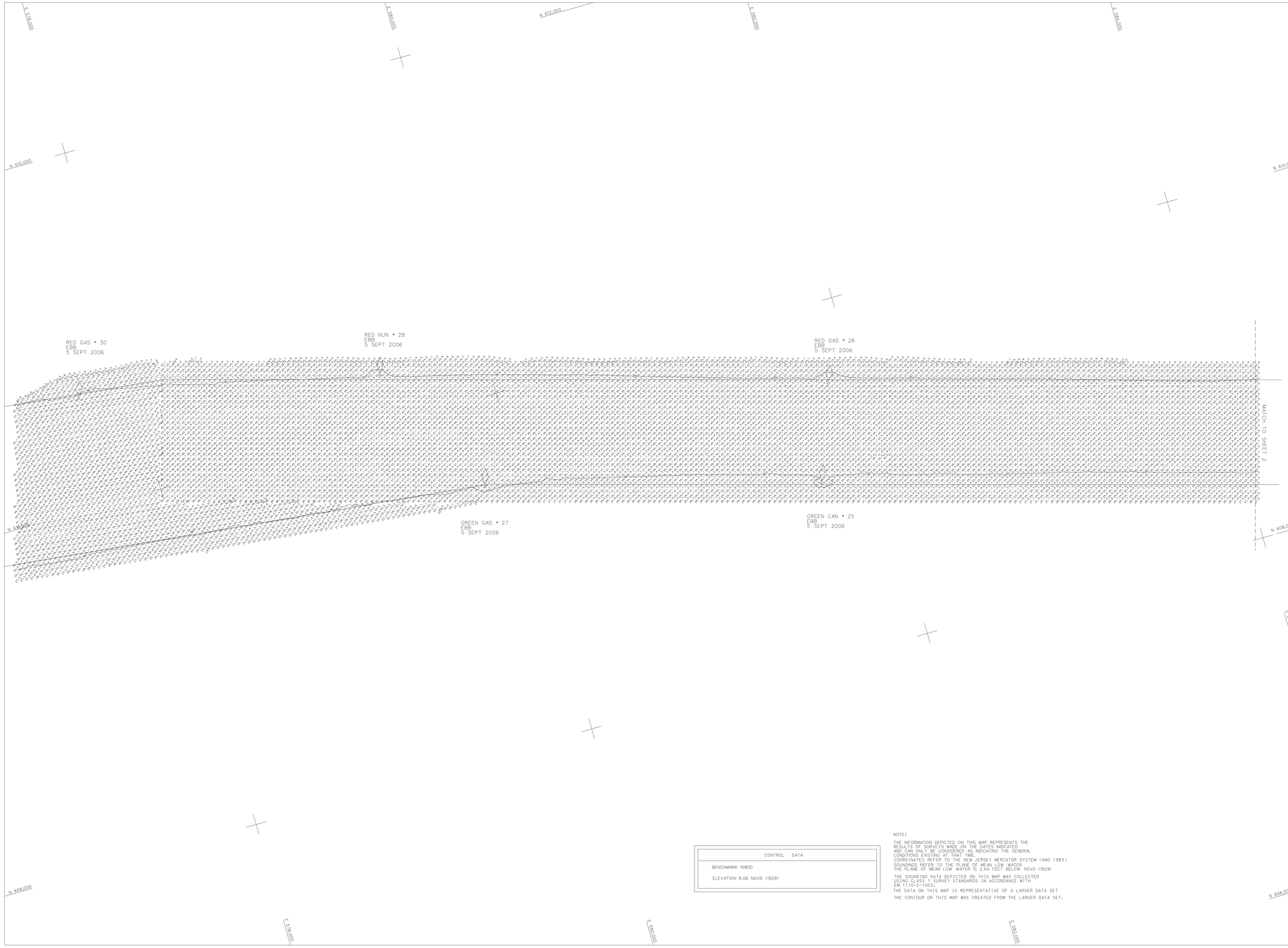


CONTROL DATA
BENCHMARK: 1680D
ELEVATION: 8.06 NGVD (1929)

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 REFER TO THE NEW JERSEY MERCATOR SYSTEM (NAD 1983)
SOUNDINGS REFER TO THE PLANE OF MEAN LOW WATER
THE PLANE OF MEAN LOW WATER IS 2.40 FEET BELOW NGVD (1929)

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
THE CONTOUR ON THIS MAP WAS CREATED FROM THE LARGER DATA SET.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
27 JULY, 3,4,21,22,31 AUG.
& 5 SEPT 2006

FILE NO.: 1286
MODEL NO.: 2951D

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
14226

APPROVED: R. VIRKMA — FIELD CARTOGRAPHER
APPROVED: M. FORTE — FIELD ENGINEERING TECHNICIAN
APPROVED: WAM II — LEAD CARTOGRAPHER
APPROVED: R. KISS — CHIEF OF SURVEY
DATE: 15 SEPTEMBER 2006

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

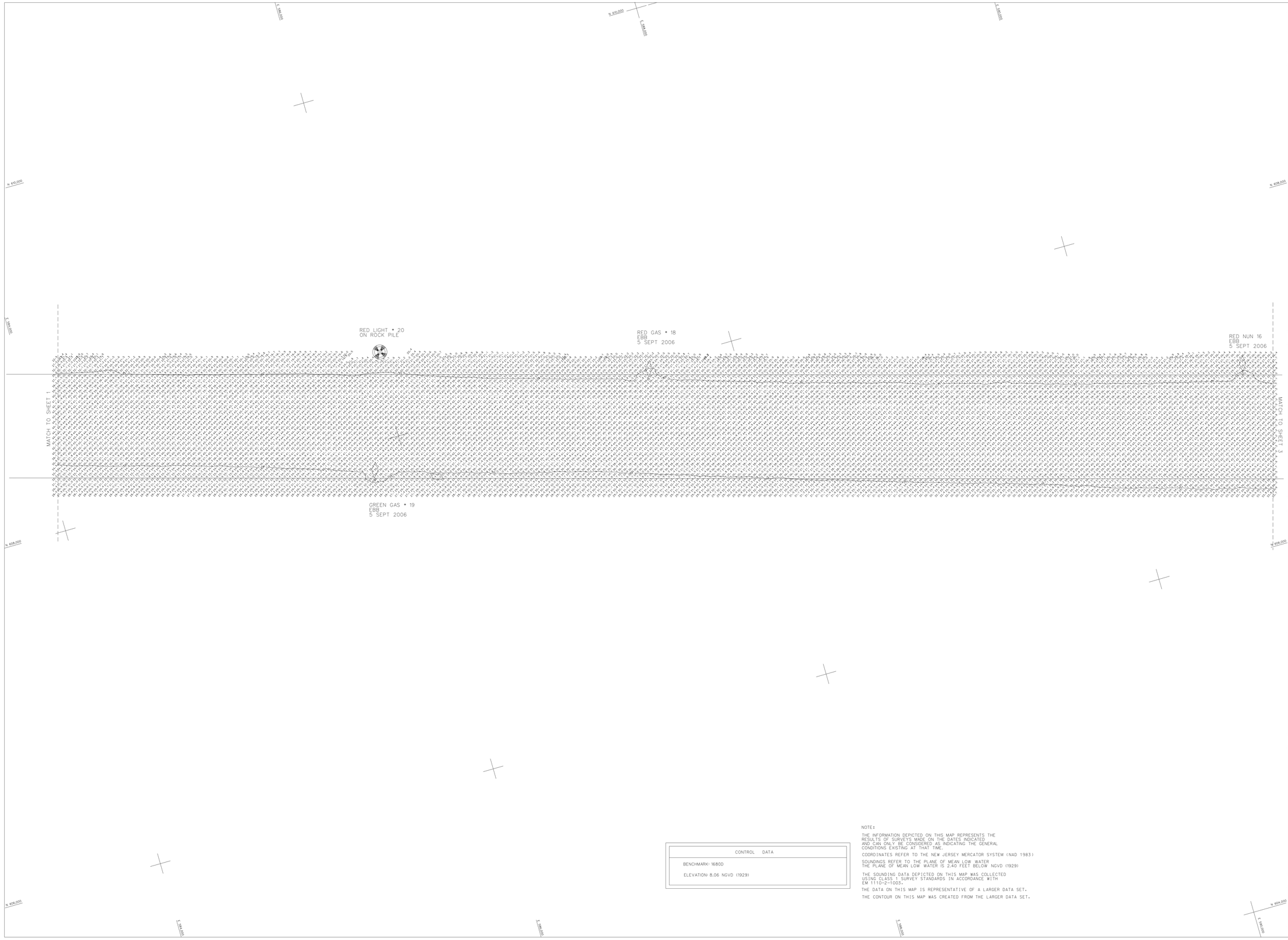
OPERATIONS DIVISION
SURVEY SECTION
GENAN-OP-S

NEW YORK & NEW JERSEY CHANNELS
RARITAN BAY EAST REACH
CONDITION SURVEY

VH-101

SHEET 1 OF 6

1286
2951D



CONTROL DATA
BENCHMARK: 1680D
ELEVATION: 8.06 NGVD (1929)

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 REFER TO THE NEW JERSEY MERCATOR SYSTEM (NAD 1983)

SOUNDINGS REFER TO THE PLANE OF MEAN LOW WATER
THE PLANE OF MEAN LOW WATER IS 2.40 FEET BELOW NGVD (1929)

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.

THE CONTOUR ON THIS MAP WAS CREATED FROM THE LARGER DATA SET.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
27 JULY, 3,4,21,22,31 AUG.
& 5 SEPT 2006

FILE NO.: 1286
NOAA NO.: 29919

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
14226

APPROVED: R. VIRKMA
FIELD CARTOGRAPHER

APPROVED: M. FORTE
FIELD ENGINEERING TECHNICIAN

APPROVED: WAM II
LAB CARTOGRAPHER

APPROVED: R. KISS
CHIEF OF SURVEY

DATE: 15 SEPTEMBER 2006

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

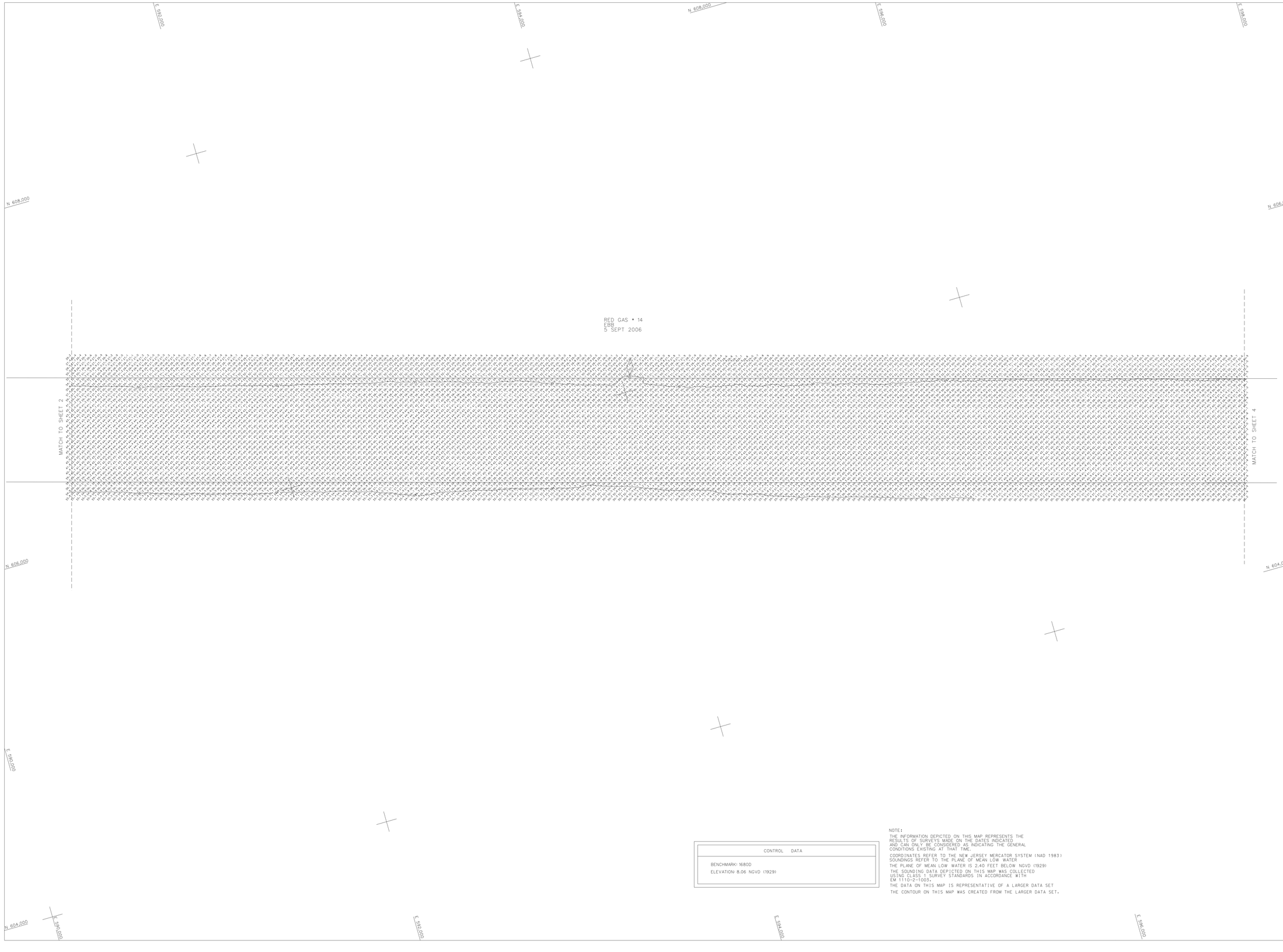
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK & NEW JERSEY CHANNELS
RARITAN BAY EAST REACH
CONDITION SURVEY

VH-102

SHEET 2 OF 6

1286
29510



CONTROL DATA
BENCHMARK: 1680D
ELEVATION: 8.06 NGVD (1929)

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 REFER TO THE NEW JERSEY MERCATOR SYSTEM (NAD 1983)
SOUNDINGS REFER TO THE PLANE OF MEAN LOW WATER

THE PLANE OF MEAN LOW WATER IS 2.40 FEET BELOW NGVD (1929)

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

THE CONTOUR ON THIS MAP WAS CREATED FROM THE LARGER DATA SET.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
27,28&31 AUG.
& 5 SEPT 2006

FILE NO.: 1286
MODEL NO.: 2951D

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
14226

APPROVED: R. VIRKMA
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CHIEF, TECHNICAL TECHNICIAN

APPROVED: MAM 11
FIELD CARTOGRAPHER

APPROVED: R. KISS
CHIEF OF SURVEY

DATE: 15 SEPTEMBER 2006

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK & NEW JERSEY CHANNELS

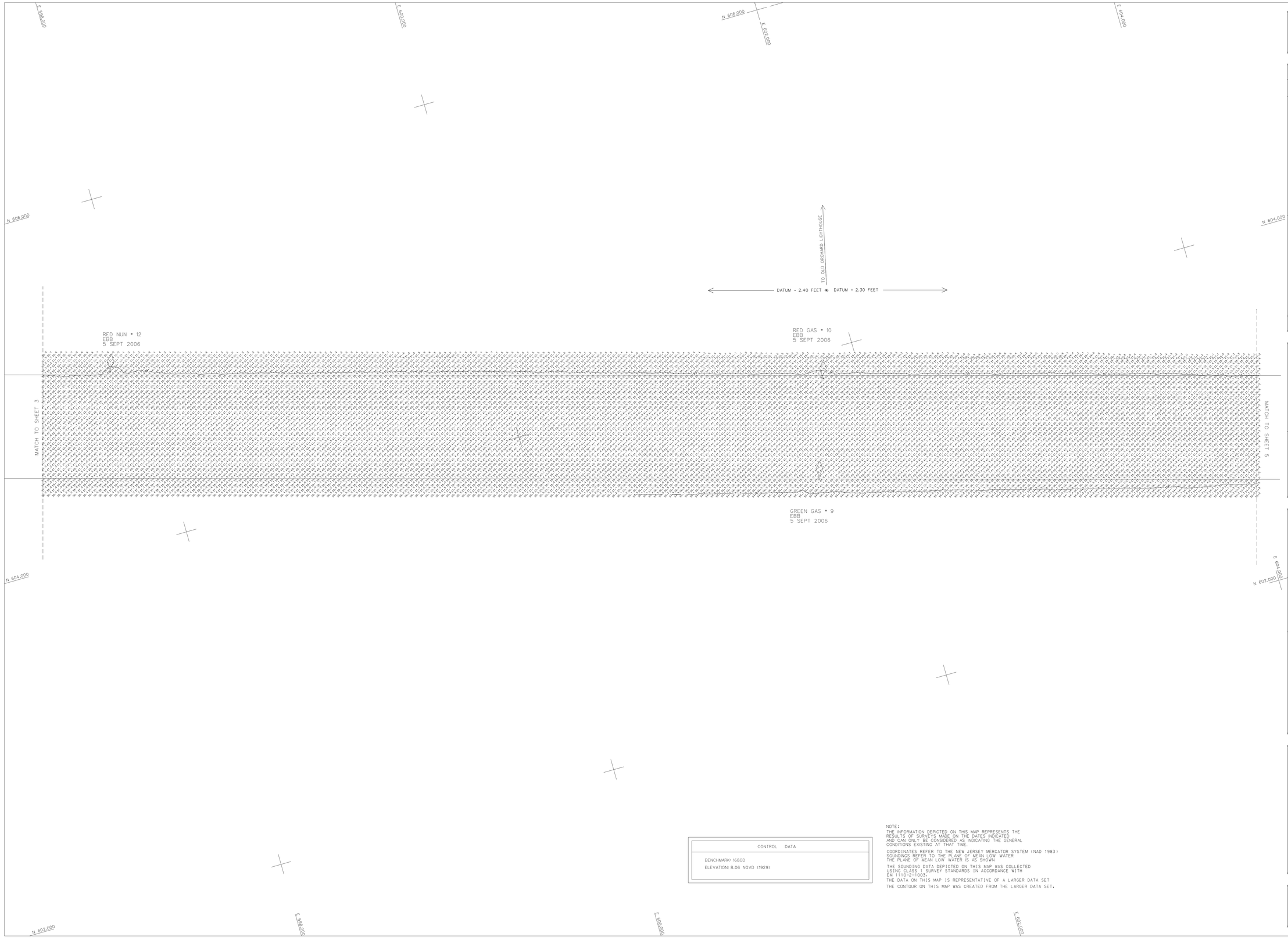
RARITAN BAY EAST REACH

CONDITION SURVEY

VH-103

SHEET 3 OF 6

1286
2951D



CONTROL DATA
BENCHMARK: 1680D
ELEVATION: 8.06 NGVD (1929)

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 REFER TO THE NEW JERSEY MERCATOR SYSTEM (NAD 1983)
SOUNDINGS REFER TO THE PLANE OF MEAN LOW WATER
THE PLANE OF MEAN LOW WATER IS AS SHOWN

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
THE CONTOUR ON THIS MAP WAS CREATED FROM THE LARGER DATA SET.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
27 JULY, 3,4,21,22,31 AUG.
& 5 SEPT 2006

FILE NO.: 1286
MODEL NO.: 2951D

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
14226

APPROVED: R. VIRKMA FIELD CARTOGRAPHER
APPROVED: M. FORTE CITY ENGINEERING TECHNICIAN
APPROVED: WAM II LEAD CARTOGRAPHER
APPROVED: R. KISS CHIEF OF SURVEY
DATE: 15 SEPTEMBER 2006

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK & NEW JERSEY CHANNELS

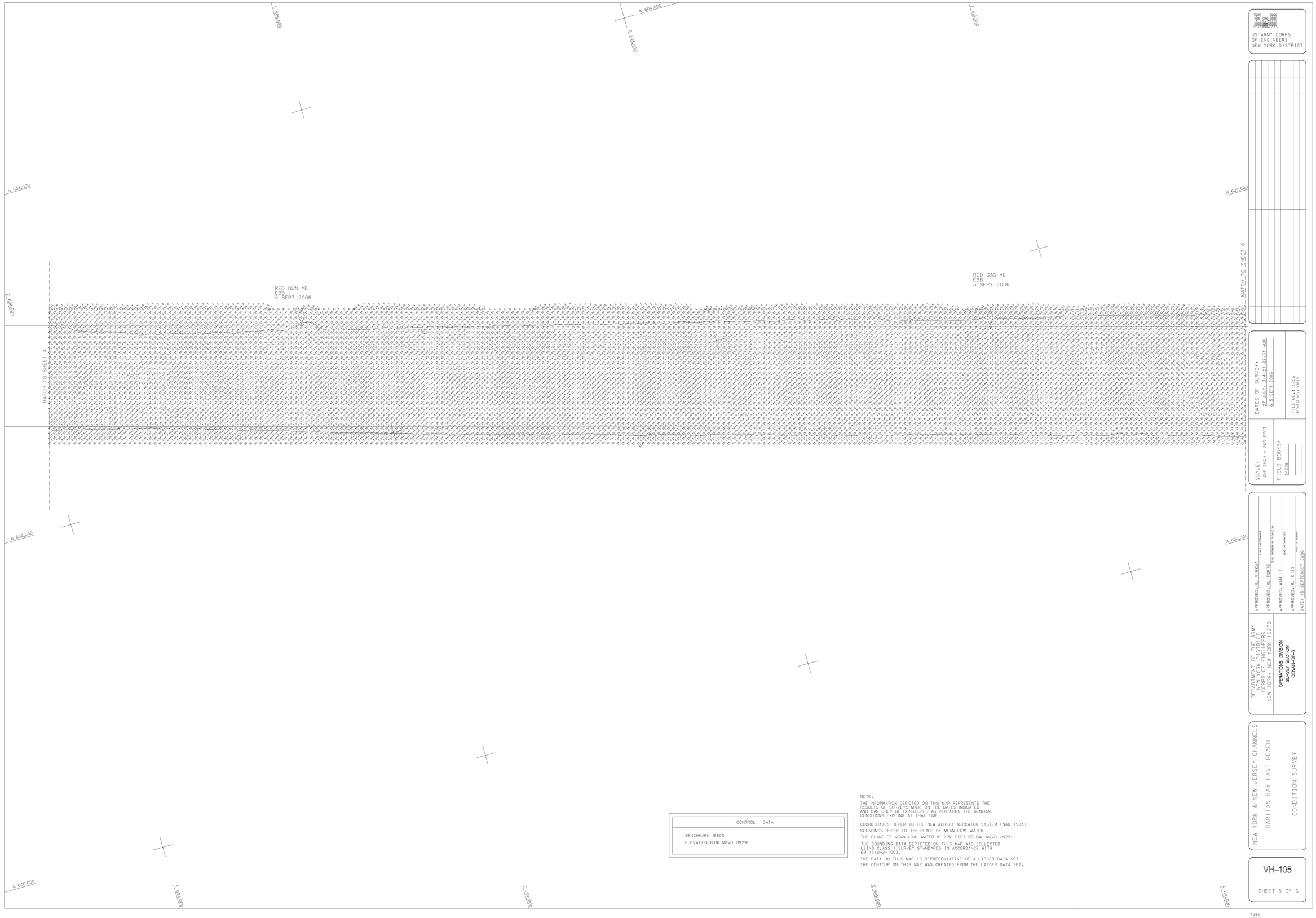
RARITAN BAY EAST REACH

CONDITION SURVEY

VH-104

SHEET 4 OF 6

1286
2951D



CONTROL DATA
BENCHMARK: 1680D
ELEVATION: 8.06 NGVD (1929)

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 REFER TO THE NEW JERSEY MERCATOR SYSTEM (NAD 1983)

SOUNDINGS REFER TO THE PLANE OF MEAN LOW WATER

THE PLANE OF MEAN LOW WATER IS 2.30 FEET BELOW NGVD (1929)

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. THE CONTOUR ON THIS MAP WAS CREATED FROM THE LARGER DATA SET.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
27 JULY, 3,4,21,22,31 AUG.
& 5 SEPT 2006

FILE NO.: 1286
MODEL NO.: 2951D

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
14226

APPROVED: R. VIRAMA
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CHIEF, INFORMATION TECHNOLOGY

APPROVED: MAM 11
LEAD CARTOGRAPHER

APPROVED: R. KISS
CHIEF OF SURVEY

DATE: 15 SEPTEMBER 2006

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK & NEW JERSEY CHANNELS

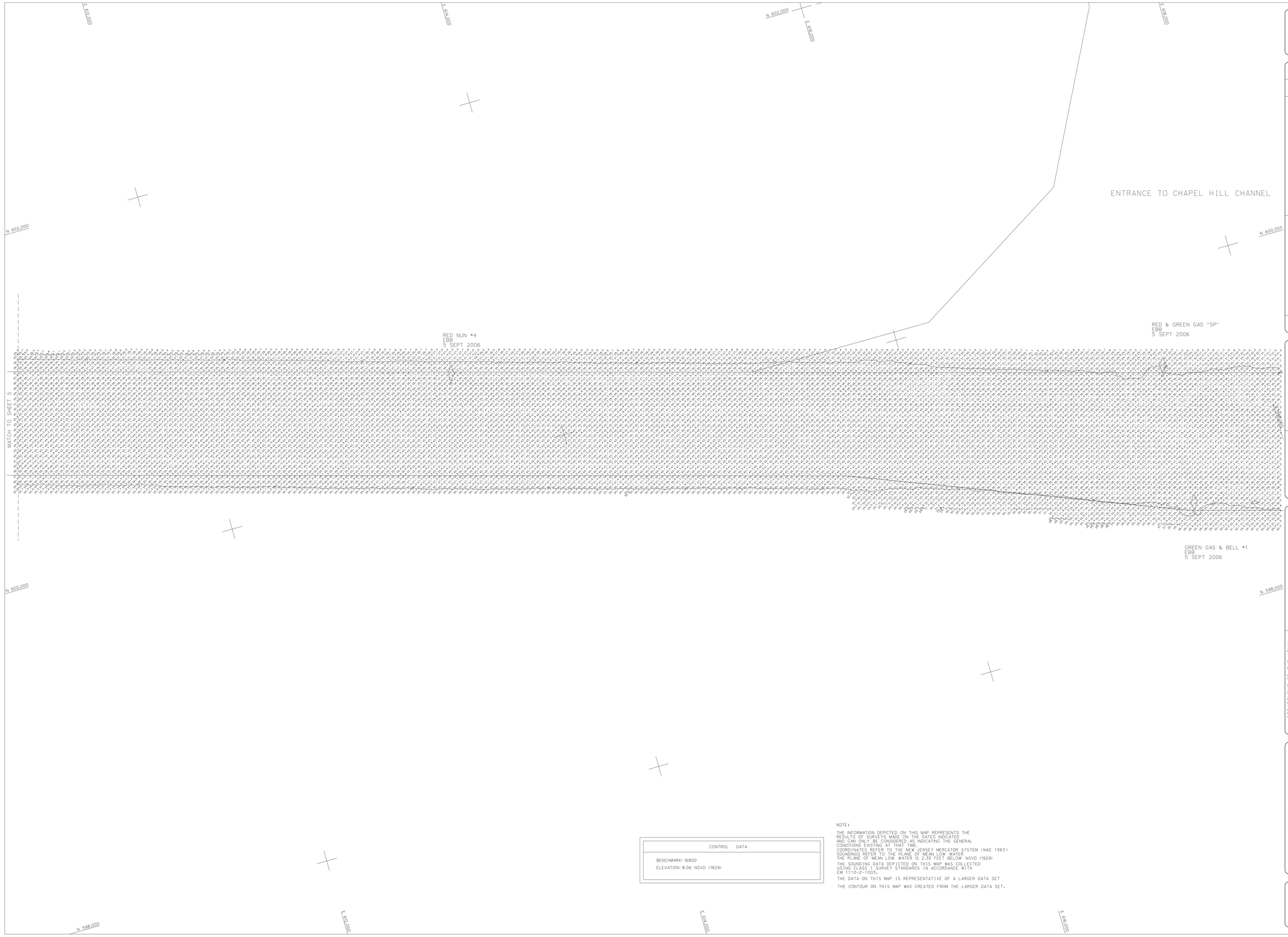
RARITAN BAY EAST REACH

CONDITION SURVEY

VH-105

SHEET 5 OF 6

1286
2951D



CONTROL DATA
BENCHMARK: 16800
ELEVATION: 8.06 NGVD (1929)

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 REFER TO THE NEW JERSEY MERCATOR SYSTEM (NAD 1983)
SOUNDINGS REFER TO THE PLANE OF MEAN LOW WATER
THE PLANE OF MEAN LOW WATER IS 2.30 FEET BELOW NGVD (1929)

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

THE CONTOUR ON THIS MAP WAS CREATED FROM THE LARGER DATA SET.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
27 JULY, 3,4,21,22,31 AUG
& 5 SEPT 2006

FILE NO.: 1286
MODEL NO.: 29510

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
14226

APPROVED: R. VIRKAR
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CHIEF, TECHNICAL TECHNICIAN

APPROVED: WAM II
LEAD CARTOGRAPHER

APPROVED: R. KISS
CHIEF OF SURVEY

DATE: 15 SEPTEMBER 2006

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK & NEW JERSEY CHANNELS

RARITAN BAY EAST REACH

CONDITION SURVEY

VH-106

SHEET 6 OF 6

1286
29510