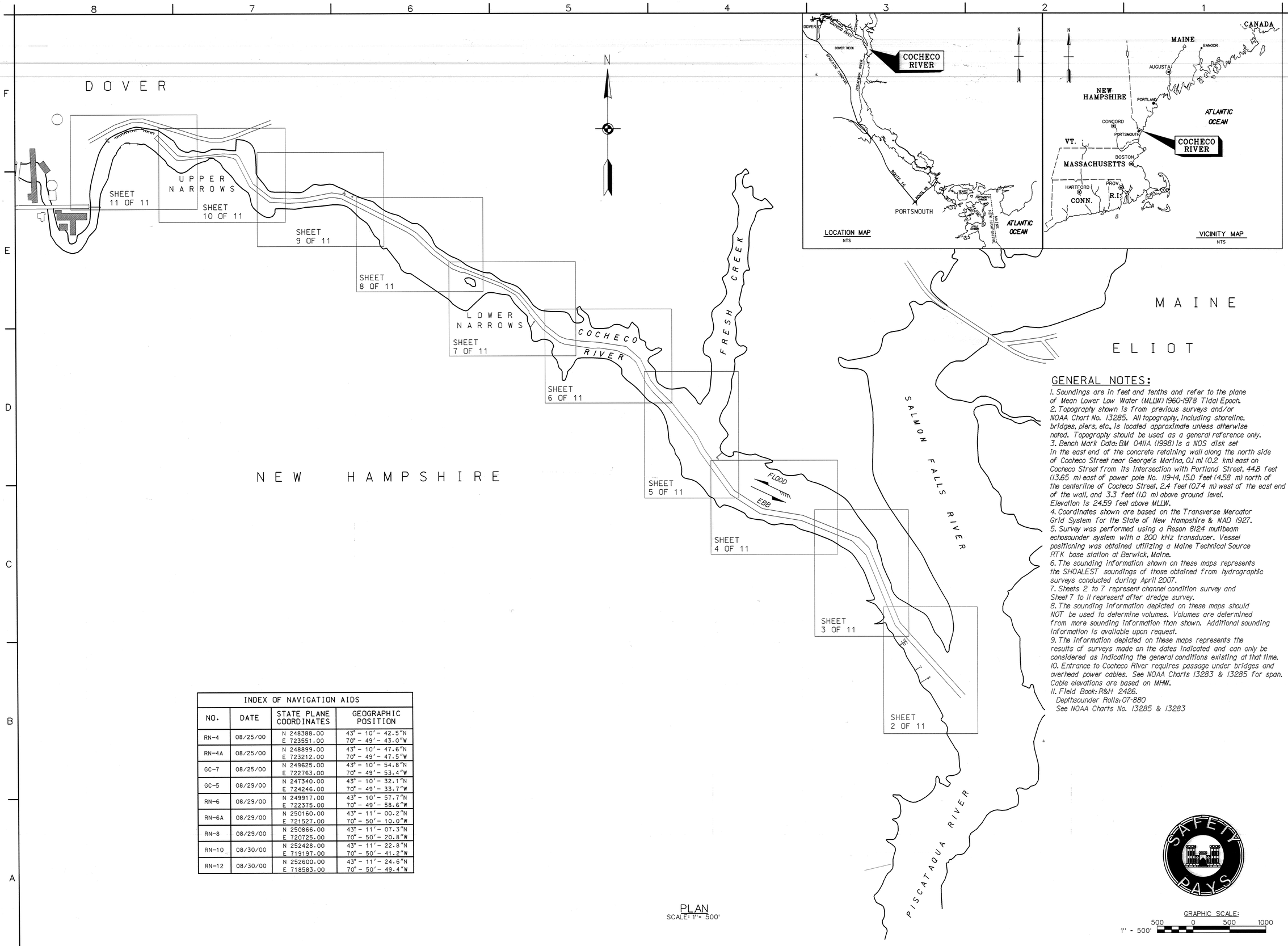


GENERAL NOTES:

1. Soundings are in feet and tenths and refer to the plane of Mean Lower Low Water (MLLW) 1960-1978 Tidal Epoch.
2. Topography shown is from previous surveys and/or NOAA Chart No. 13285. All topography, including shoreline, bridges, piers, etc., is located approximate unless otherwise noted. Topography should be used as a general reference only.
3. Bench Mark Data: BM 0411A (1998) is a NOS disk set in the east end of the concrete retaining wall along the north side of Cocheco Street near George's Marina, 0.1 mi (0.2 km) east on Cocheco Street from its intersection with Portland Street, 44.8 feet (13.65 m) east of power pole No. 119-14, 15.0 feet (4.58 m) north of the centerline of Cocheco Street, 2.4 feet (0.74 m) west of the east end of the wall, and 3.3 feet (1.0 m) above ground level. Elevation is 24.59 feet above MLLW.
4. Coordinates shown are based on the Transverse Mercator Grid System for the State of New Hampshire & NAD 1927.
5. Survey was performed using a Reson 8124 mutibeam echosounder system with a 200 kHz transducer. Vessel positioning was obtained utilizing a Maine Technical Source RTK base station at Berwick, Maine.
6. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during April 2007.
7. Sheets 2 to 7 represent channel condition survey and Sheet 7 to 11 represent after dredge survey.
8. The sounding information depicted on these maps should NOT be used to determine volumes. Volumes are determined from more sounding information than shown. Additional sounding information is available upon request.
9. The information depicted on these maps represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.
10. Entrance to Cocheco River requires passage under bridges and overhead power cables. See NOAA Charts 13283 & 13285 for span. Cable elevations are based on MHW.
11. Field Book: R&H 2426.
Depthsounder Rolls: 07-880
See NOAA Charts No. 13285 & 13283

INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
RN-4	08/25/00	N 248388.00 E 723551.00	43° - 10' - 42.5"N 70° - 49' - 43.0"W
RN-4A	08/25/00	N 248899.00 E 723212.00	43° - 10' - 47.6"N 70° - 49' - 47.5"W
GC-7	08/25/00	N 249625.00 E 722763.00	43° - 10' - 54.8"N 70° - 49' - 53.4"W
GC-5	08/29/00	N 247340.00 E 724246.00	43° - 10' - 32.1"N 70° - 49' - 33.7"W
RN-6	08/29/00	N 249917.00 E 722375.00	43° - 10' - 57.7"N 70° - 49' - 58.6"W
RN-6A	08/29/00	N 250160.00 E 721527.00	43° - 11' - 00.2"N 70° - 50' - 10.0"W
RN-8	08/29/00	N 250866.00 E 720725.00	43° - 11' - 07.3"N 70° - 50' - 20.8"W
RN-10	08/30/00	N 252428.00 E 719197.00	43° - 11' - 22.8"N 70° - 50' - 41.2"W
RN-12	08/30/00	N 252600.00 E 718583.00	43° - 11' - 24.6"N 70° - 50' - 49.4"W

PLAN
SCALE: 1" = 500'

GRAPHIC SCALE:
500 0 500 1000
1" = 500'

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

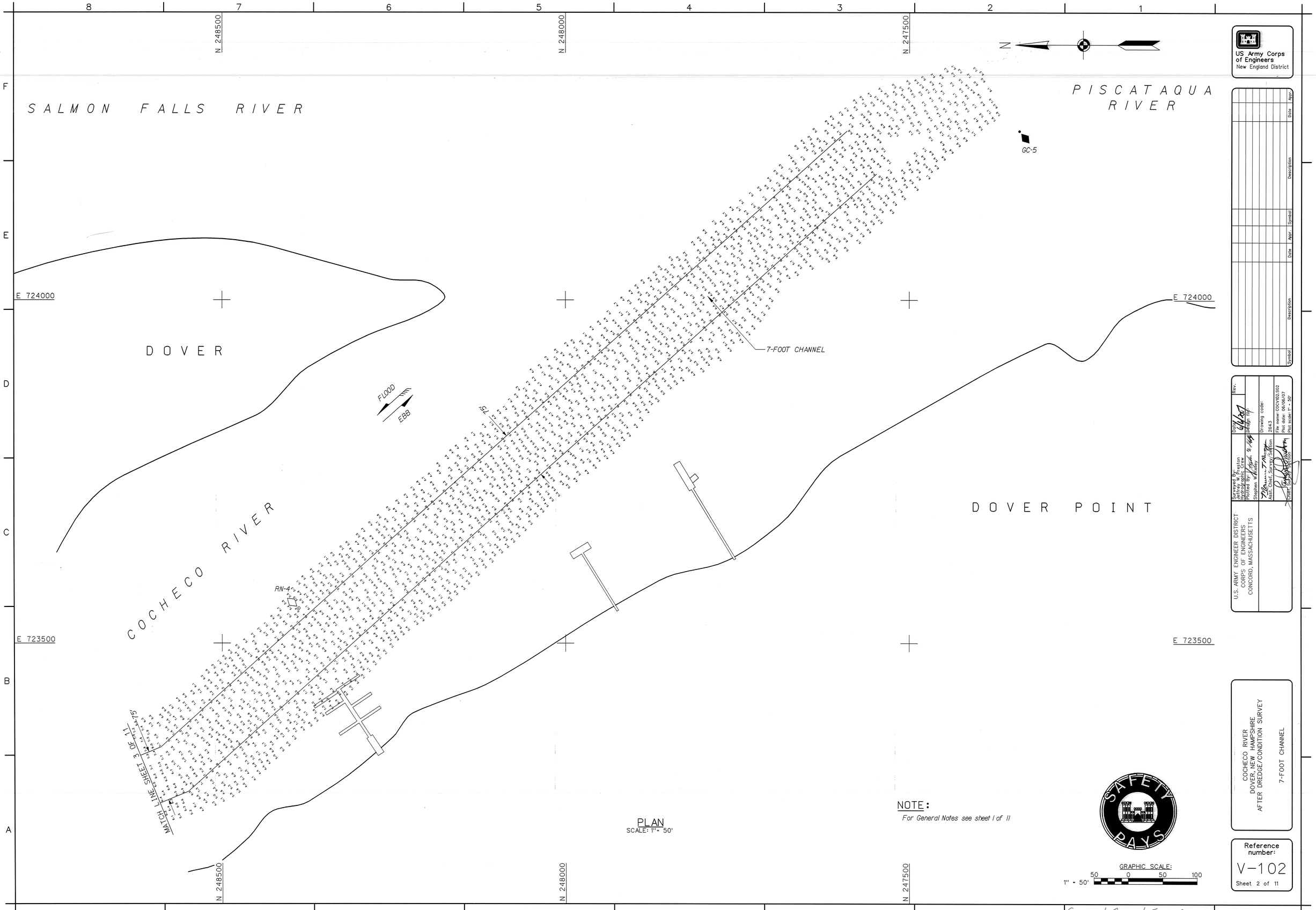
Surveyed By: Jeffrey W. Preston, Hydrographic Crew
Plotted By: Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section
Date: 6/6/07
Rev.
Design file:
Drawing code: 2643
File name: COCV101.S01
Plot date: 06/06/07
Plot scale: 1" = 500'

COCHECO RIVER
DOVER, NEW HAMPSHIRE
AFTER DREDGE/CONDITION SURVEY

7-FOOT CHANNEL

Reference number:
V-101
Sheet 1 of 11

Scanned Record June 2007



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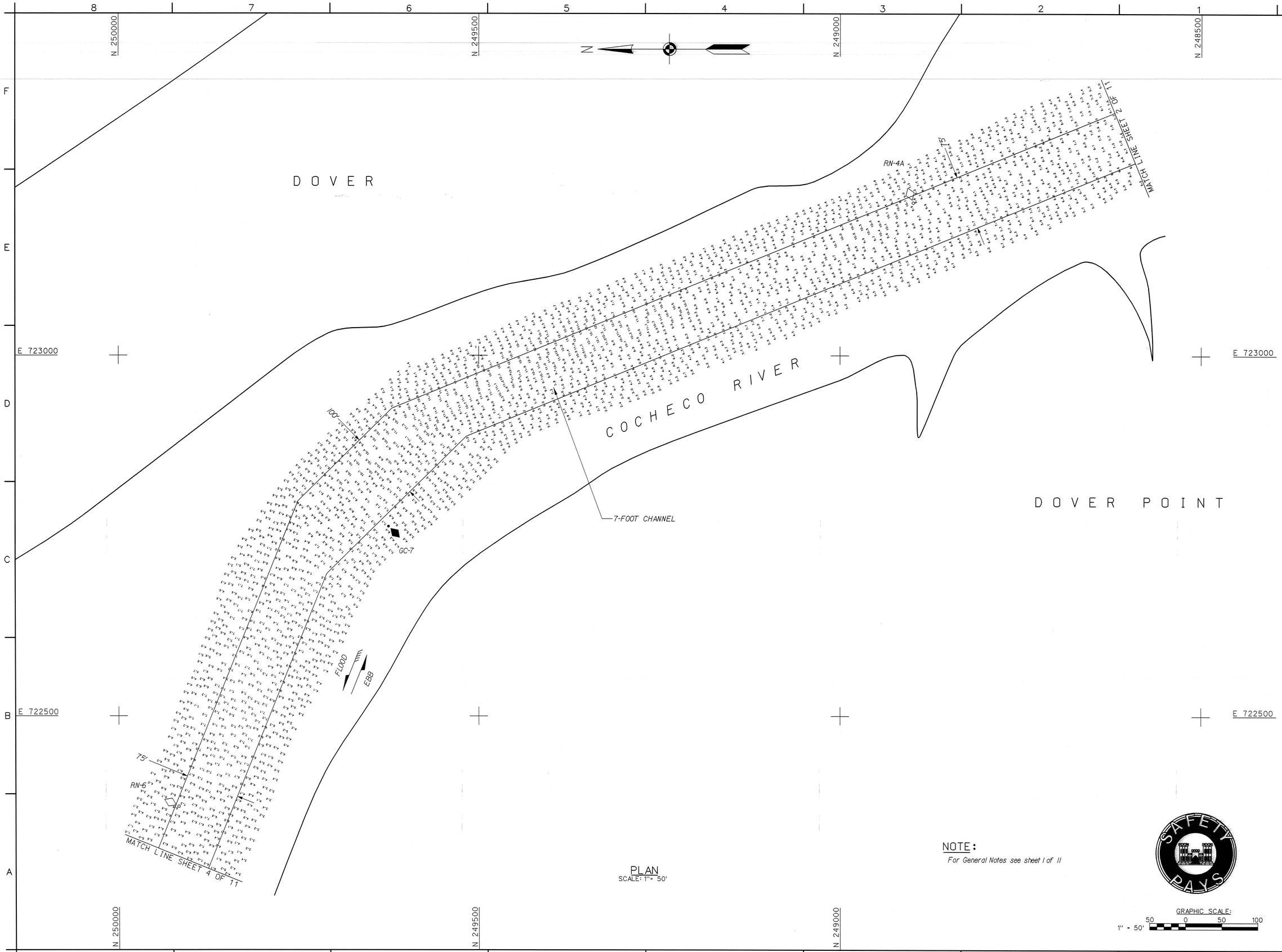


PLAN
SCALE: 1"= 50'

NOTE:
For General Notes see sheet 1 of 11

GRAPHIC SCALE:
1" = 50'
50 0 50 100

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

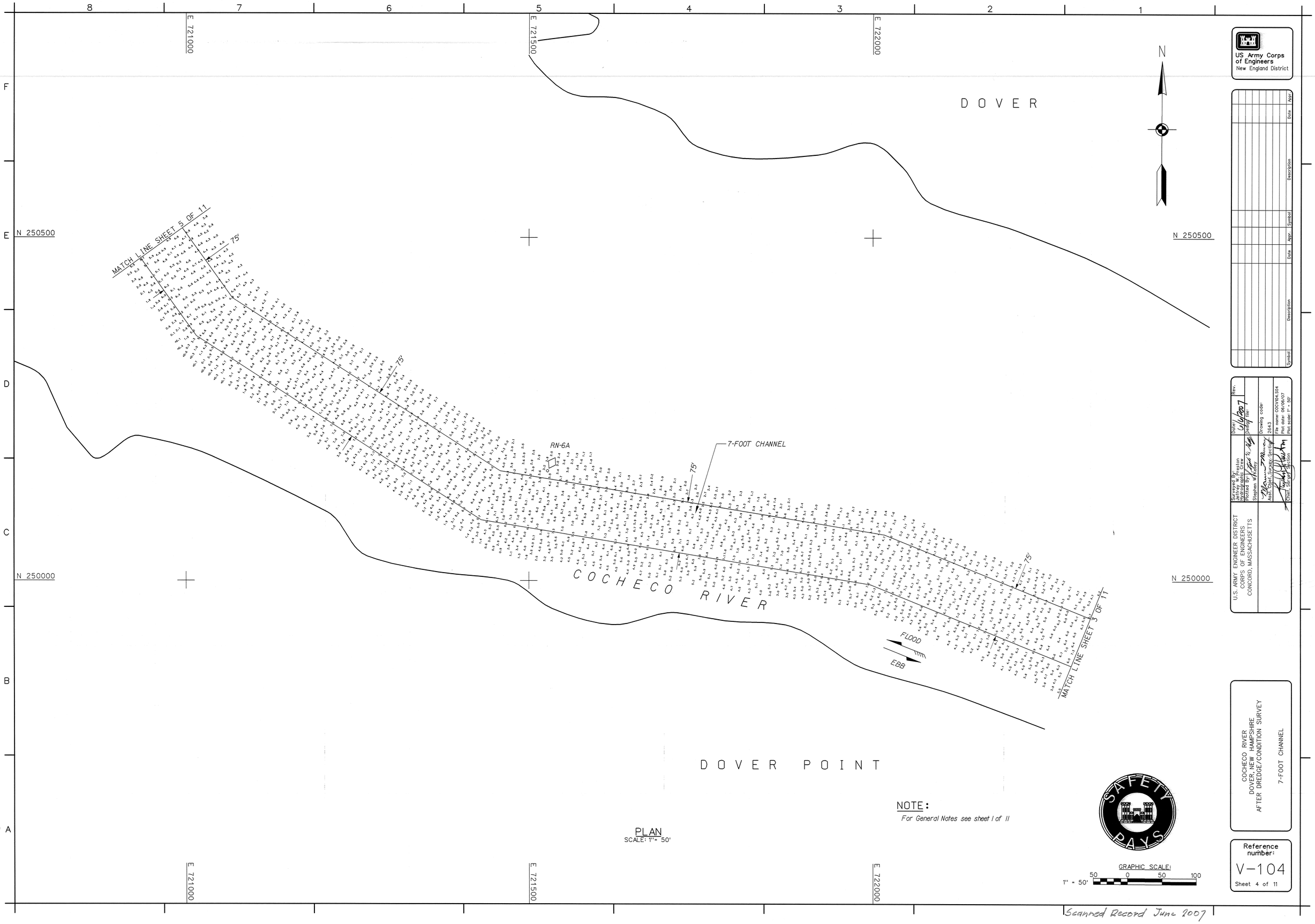
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Surveyed By: Jeffrey W. Preston, Hydrographic Crew
Plotted By: Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section
Date: 6/6/2007
Rev.
Design file:
Drawing code: 2643
File name: COCV103.S03
Plot date: 06/06/07
Plot scale: 1" = 50'

COCHECO RIVER
DOVER, NEW HAMPSHIRE
AFTER DREDGE/CONDITION SURVEY
7-FOOT CHANNEL

Reference number:
V-103
Sheet 3 of 11

Scanned Record June 2007



PLAN
SCALE: 1" = 50'

NOTE:
For General Notes see sheet I of II

GRAPHIC SCALE:
1" = 50'
50 0 50 100

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

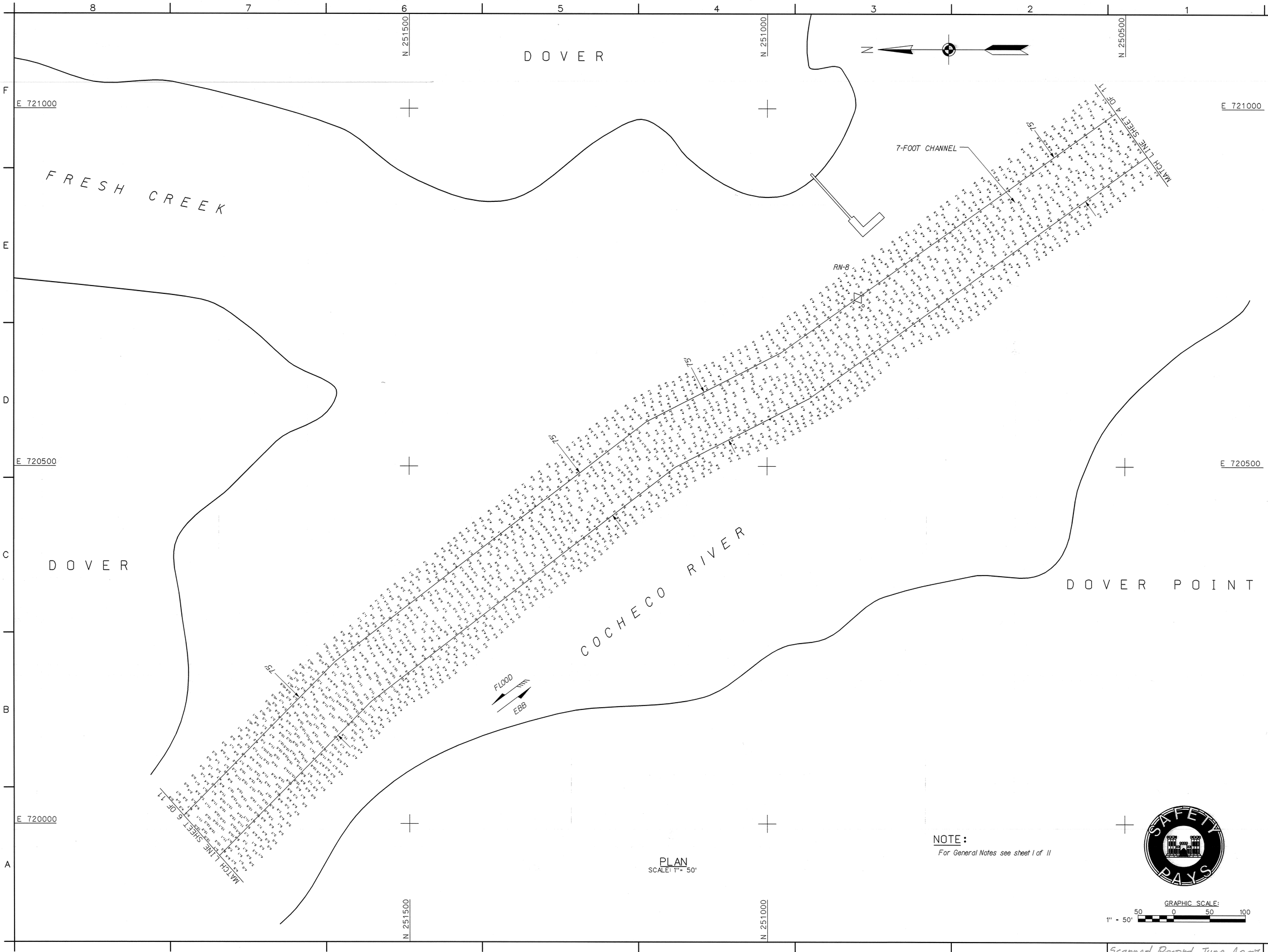
Surveyed By: Jeffrey W. Preston
Hydrographic Crew
Plotted By: Stephen W. Kelley
Ast. Chief, Survey Section
Chief, Survey Section
Date: 6/6/2007
Rev.
Design file:
Drawing code: 2643
File name: COCV104.S04
Plot date: 06/06/07
Plot scale: 1" = 50'

COCHECO RIVER
DOVER, NEW HAMPSHIRE
AFTER DREDGE/CONDITION SURVEY

7-FOOT CHANNEL

Reference number:
V-104
Sheet 4 of 11

Scanned Record June 2007



PLAN
SCALE: 1" = 50'

NOTE:
For General Notes see sheet 1 of 11

GRAPHIC SCALE:
1" = 50'
50 0 50 100

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

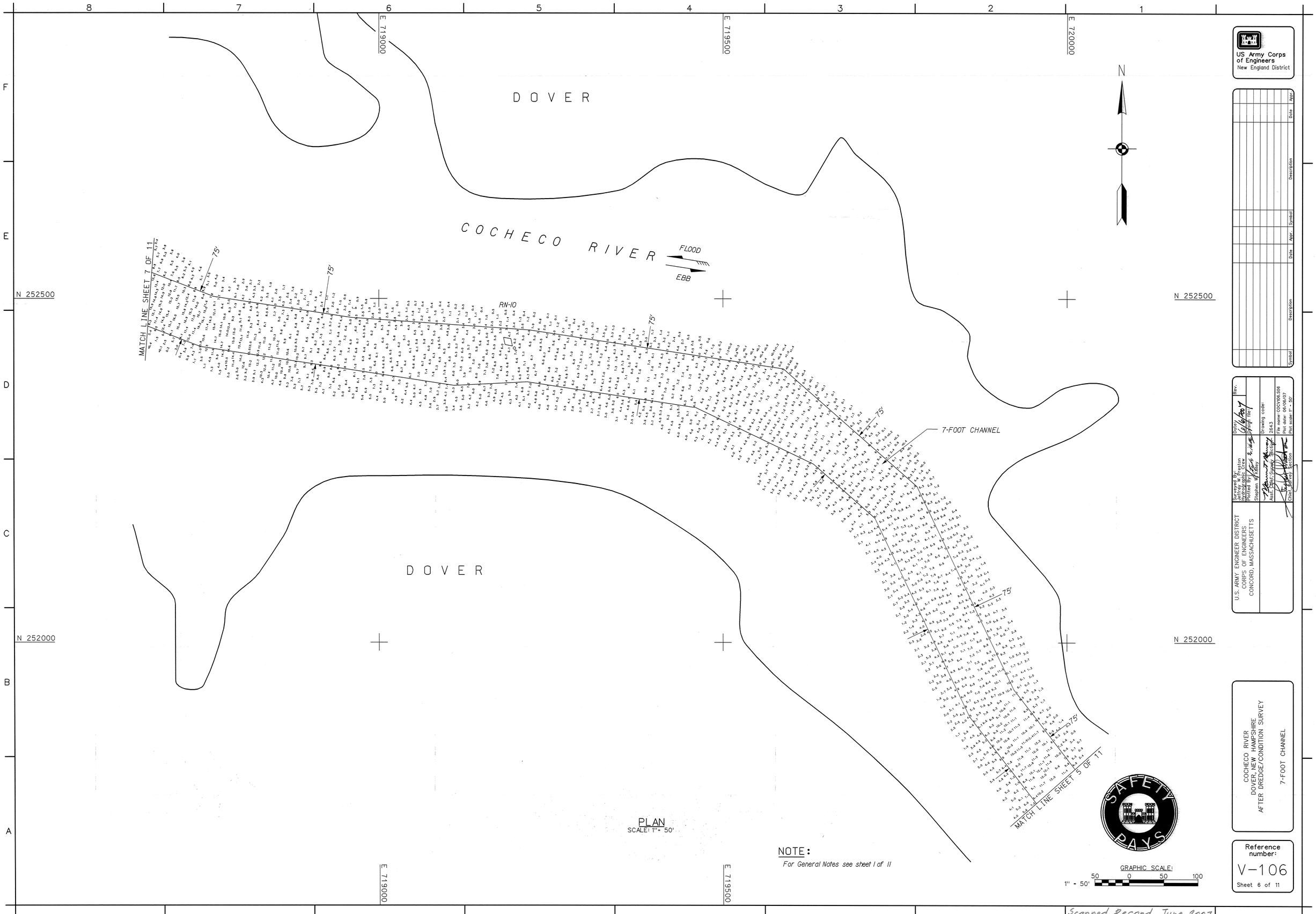
Surveyed By: Jeffrey W. Preston
Hydrographic Crew
Plotted By: Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section
Date: 6/6/2007
Design file:
Drawing code: 2643
File name: COCV105.S05
Plot date: 06/06/07
Plot scale: 1" = 50'
Rev.

COCHECO RIVER
DOVER, NEW HAMPSHIRE
AFTER DREDGE/CONDITION SURVEY

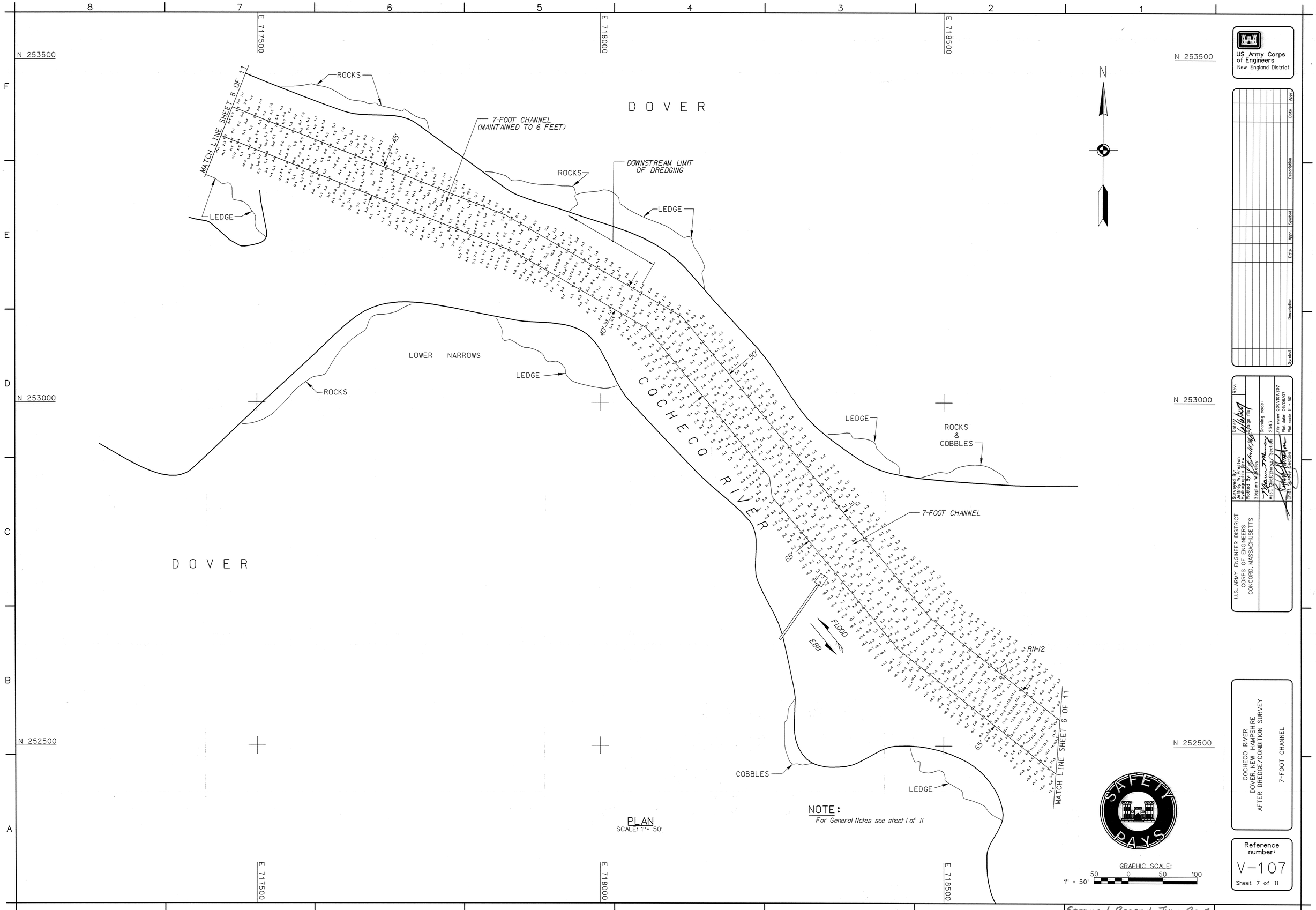
7-FOOT CHANNEL

Reference number:
V-105
Sheet 5 of 11

Scanned Record June 2007



Scanned Record June 2007



PLAN
SCALE: 1" = 50'

NOTE:
For General Notes see sheet 1 of 11

GRAPHIC SCALE:
1" = 50'
50 0 50 100

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Surveyed By: Jeffrey W. Preston
Hydrographic Drew
Plotted By: Stephen Wakeley
Asst. Chief, Survey Section
Chief, Survey Section

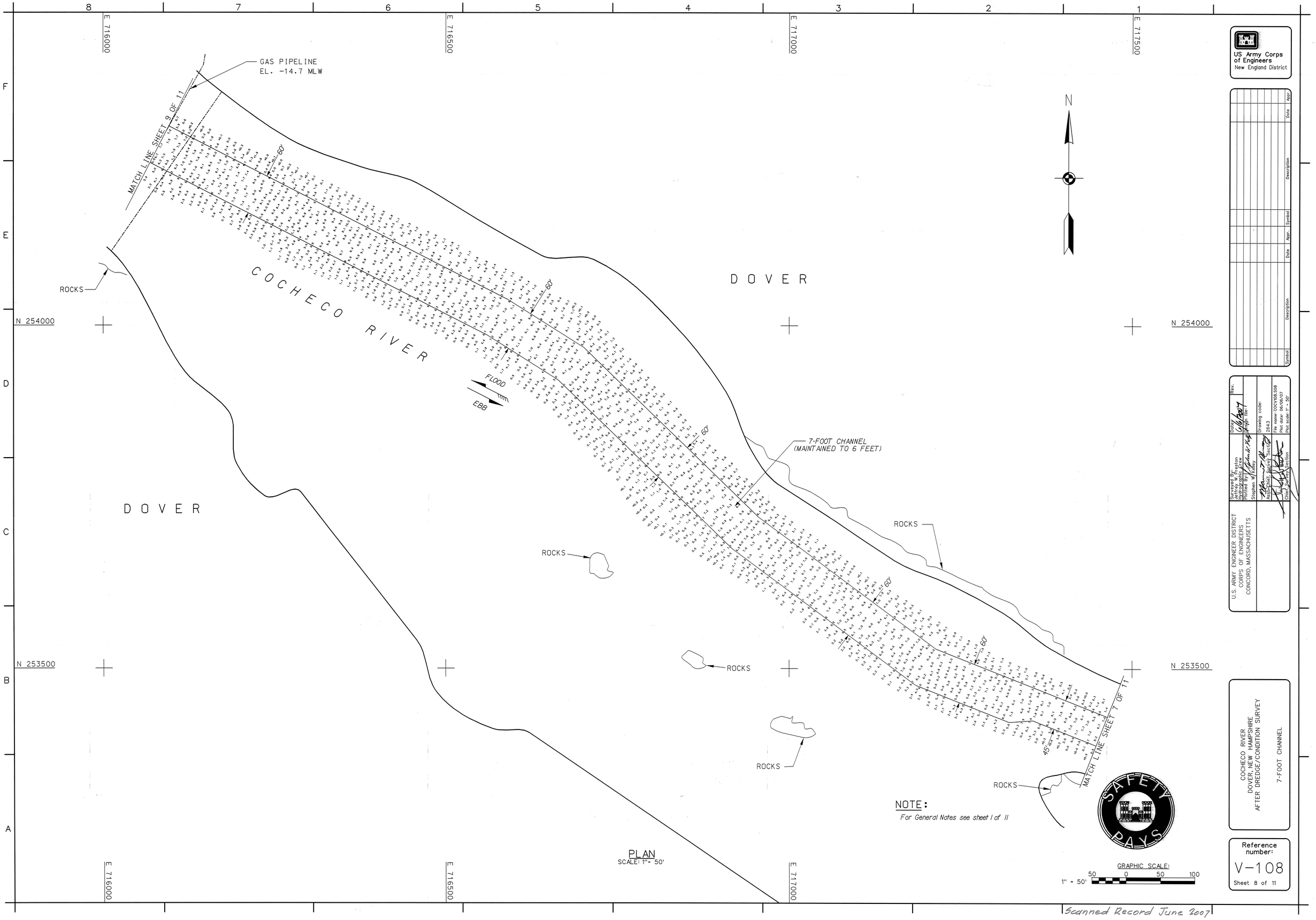
Date: 6/6/2007
Rev.
Design file
Drawing code: 2643
File name: COCV107.S07
Plot date: 06/06/07
Plot scale: 1" = 50'

COCHECO RIVER
DOVER, NEW HAMPSHIRE
AFTER DREDGE/CONDITION SURVEY

7-FOOT CHANNEL

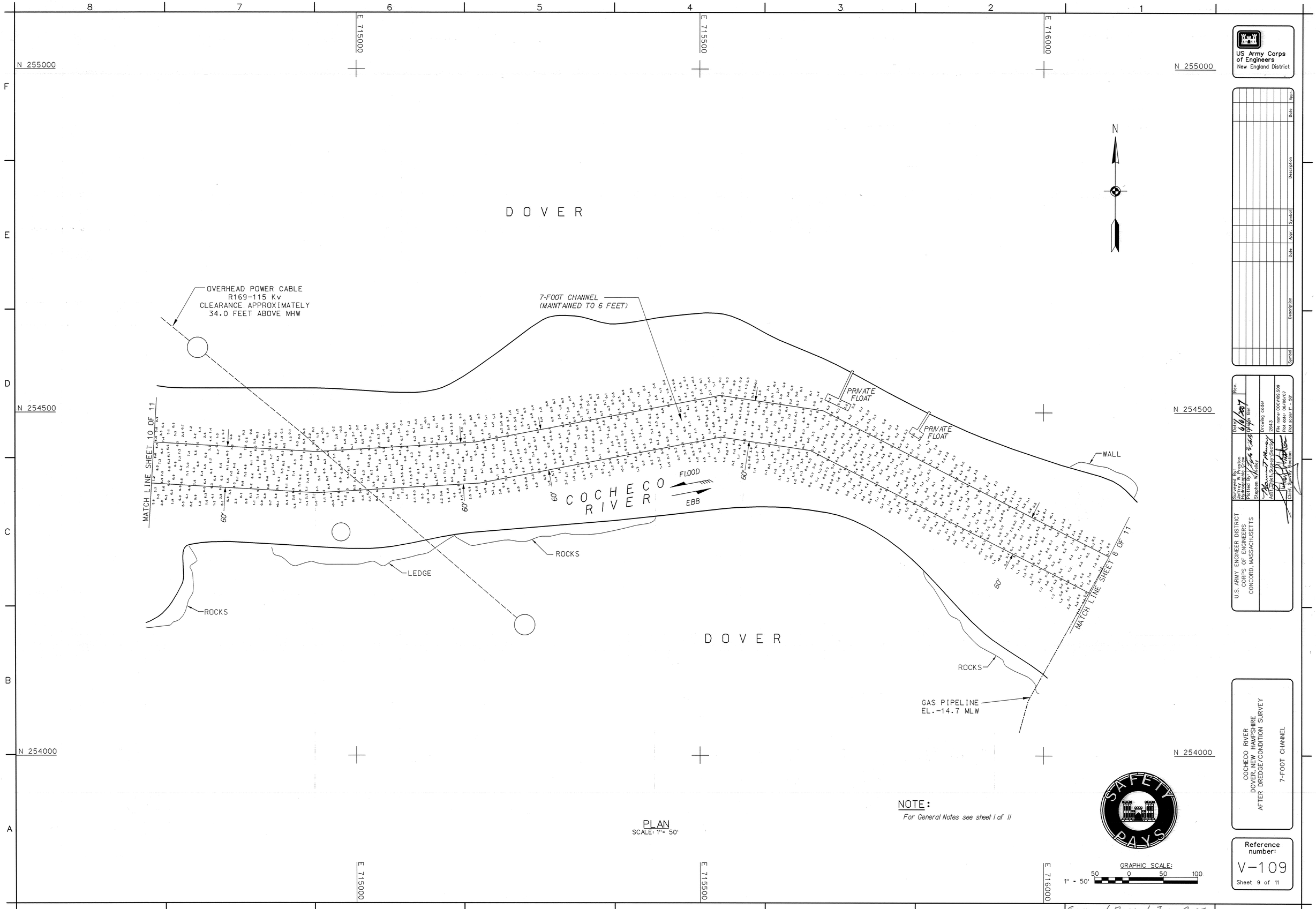
Reference number:
V-107
Sheet 7 of 11

Scanned Record June 2007



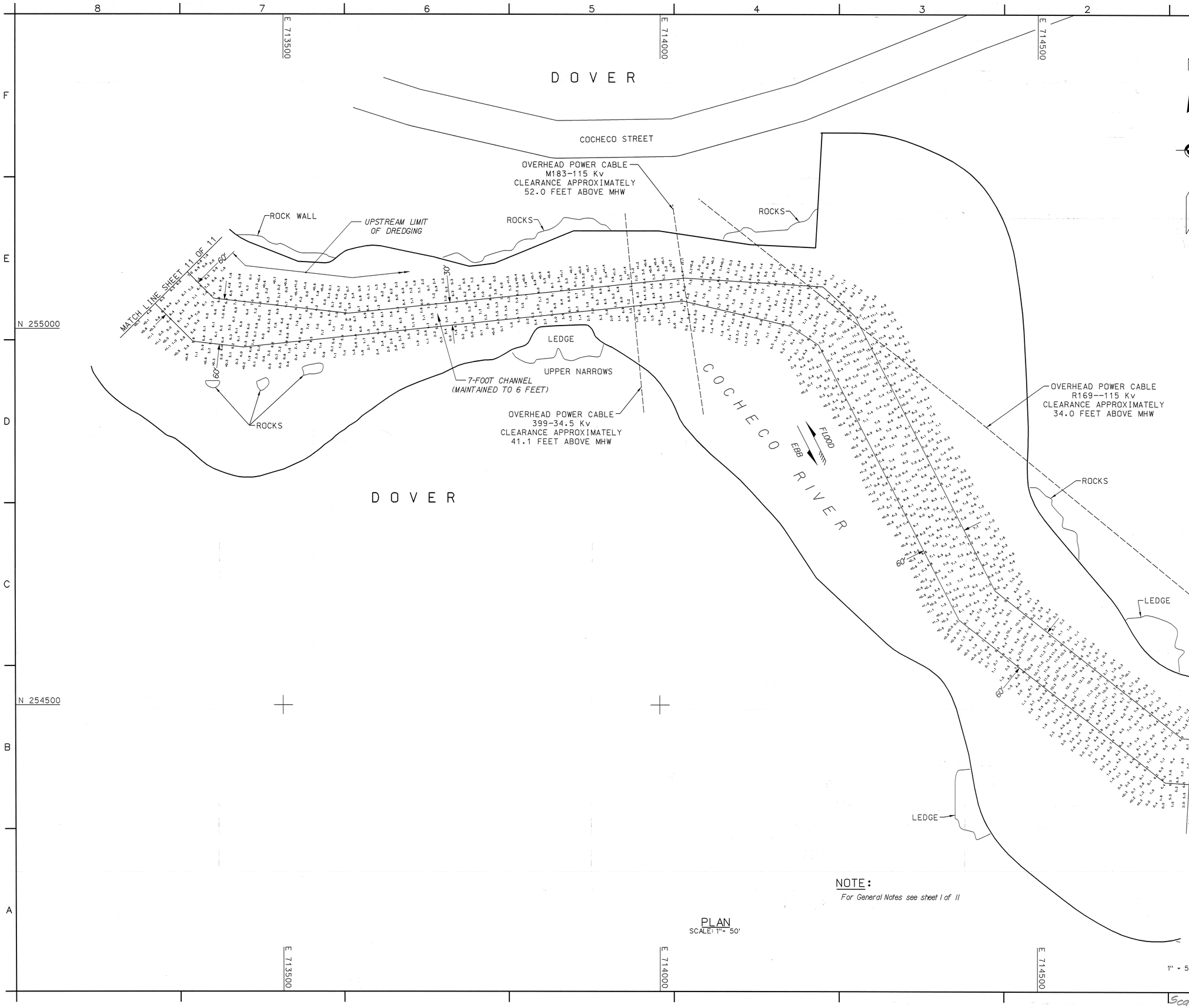
NOTE:
For General Notes see sheet 1 of 11

Scanned Record June 2007



NOTE:
For General Notes see sheet 1 of 11

PLAN
SCALE: 1" = 50'



NOTE:
For General Notes see sheet I of II

PLAN
SCALE: 1"= 50'

GRAPHIC SCALE:
1" = 50'
50 0 50 100

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

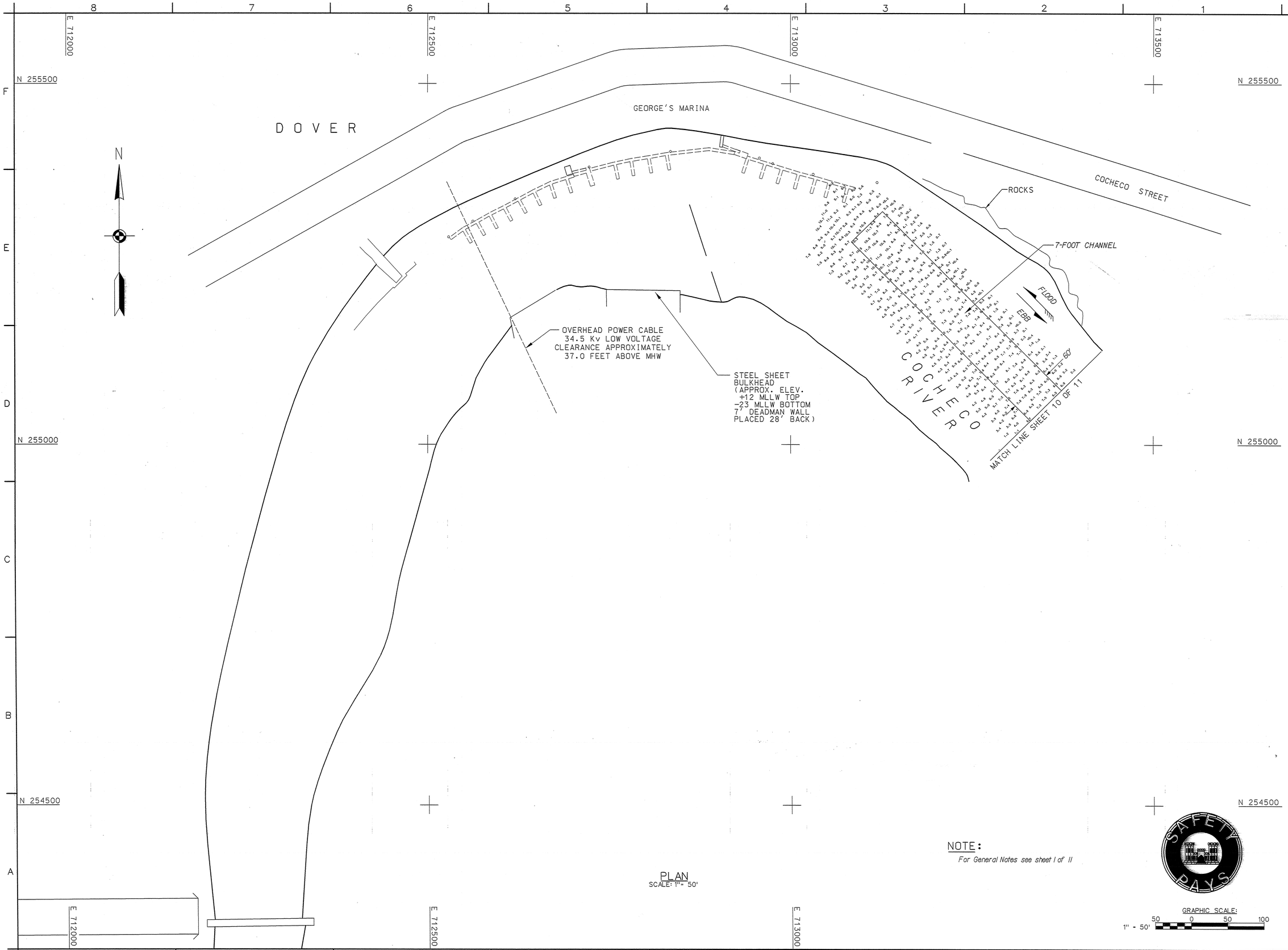
Surveyed By: Jeffrey W. Preston, Hydrographic Crew
Plotted By: Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section
Date: 6/6/2007
Rev.
Design file:
Drawing code: 2643
File name: COCV110.S10
Plot date: 06/06/07
Plot scale: 1" = 50'

COCHECO RIVER
DOVER, NEW HAMPSHIRE
AFTER DREDGE/CONDITION SURVEY

7-FOOT CHANNEL

Reference number:
V-110
Sheet 10 of 11

Scanned Record June 2007



PLAN
SCALE: 1"= 50'

NOTE:
For General Notes see sheet I of II

GRAPHIC SCALE:
1" = 50'
50 0 50 100

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Surveyed By: Jeffrey W. Preston, Hydrographic Crew
Plotted By: Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section
Date: 6/6/2007
Design file:
Drawing code: 2643
File name: COCVIII.S11
Plot date: 06/06/07
Plot scale: 1" = 50'
Rev.

COCHECO RIVER
DOVER, NEW HAMPSHIRE
AFTER DREDGE/CONDITION SURVEY

7-FOOT CHANNEL

Reference number:
V-111
Sheet 11 of 11

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