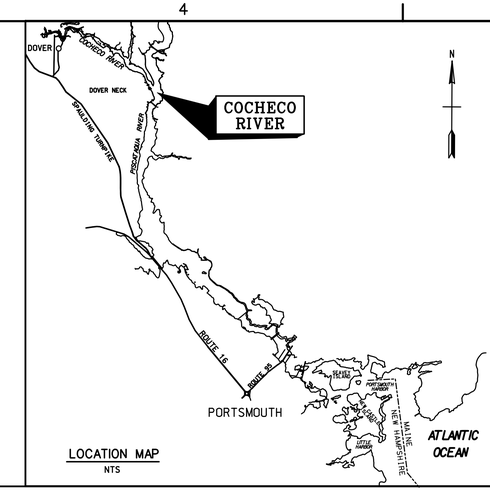
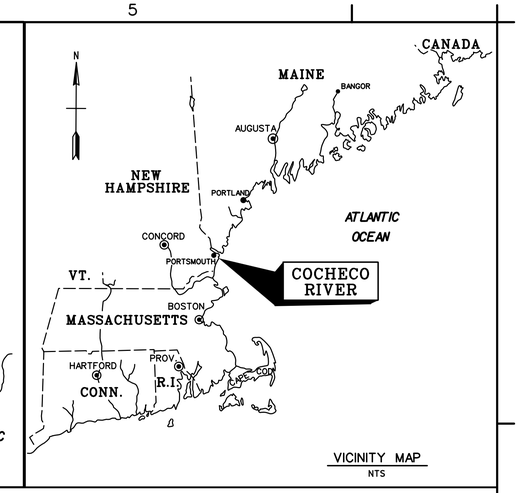
US Army Corps
of Engineers
New England District



LOCATION MAP
NTS



VICINITY MAP
NTS

MAINTENANCE DREDGING

7-FOOT CHANNEL

COCHECO RIVER

DOVER, NEW HAMPSHIRE

VALUE ENGINEERING PAYS DIVIDENDS

SAFETY PAYS

SOLICITATION # W912WJ-05-B-0015

SEE SPECIFICATIONS FOR DRAWING SIGNATURES

APPROVED FUNCTIONAL ADEQUACY
ROBERT MEADER /s/
TECHNICAL LEAD ENGINEER DATE:

RECOMMENDED BY:
N/A
DEPUTY CHIEF, E/P DIV DATE:

REVIEWED BY:
ANTHONY T. MACKOS, P.E. /s/
CHIEF, DESIGN BRANCH DATE:

APPROVED BY:
H. FARRELL MCMILLAN, P.E. /s/ 8/2/05
CHIEF, ENGRG/PLANNING DIV DATE:

REVIEWED BY:
RAIMO LIIAS, P.G. /s/
CH, HTRW/GEOTECH ENGRG BR DATE:

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

THIS PROJECT WAS DESIGNED BY THE NEW ENGLAND DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS. THE INITIALS OR SIGNATURES AND/OR DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE PRODUCTS ONLY WHEN THEY SERVE AS OTHER EMPLOYMENT AS REQUIRED BY ER 1110-1-8152.

WATER RESOURCES DEVELOPMENT PROJECT
MAINTENANCE DREDGING (PHASE I)
7-FOOT CHANNEL (MAINTAINED TO 6-FOOT)
COCHECO RIVER
DOVER, NEW HAMPSHIRE

COVER SHEET

Reference number:
G-1
Sheet 1 of 13

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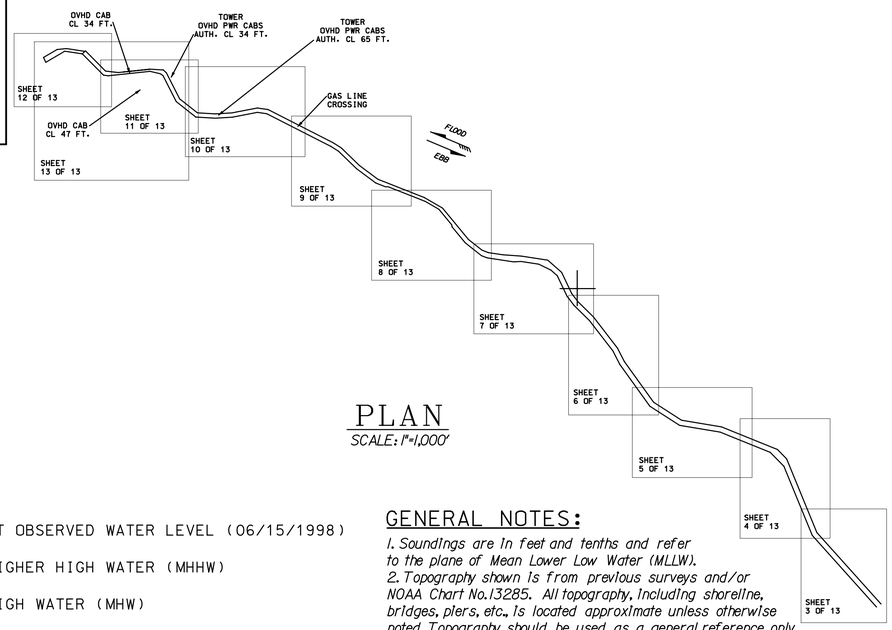
LEGEND	
EXISTING	DESCRIPTION
———	REQUIRED DREDGING DEPTH CONTOUR
– – – – –	APPROXIMATE CABLE LIMITS
- - - - - - - -	APPROXIMATE SEWER, WATER, AND GAS LINES
	MAINTENANCE MATERIAL REQUIRED TO BE DREDGED (FEDERAL CHANNEL)
	ALLOWABLE OVERDEPTH (FEDERAL CHANNEL) (CROSS-SECTION)
	NO SPUD ZONE
3	CHANNEL COORDINATE
○	TOWER
	CONCEPTUAL SHORELINE
	ROCK REMOVAL AREA APPROX. COORDINATES
19	PROBE LOCATION

N

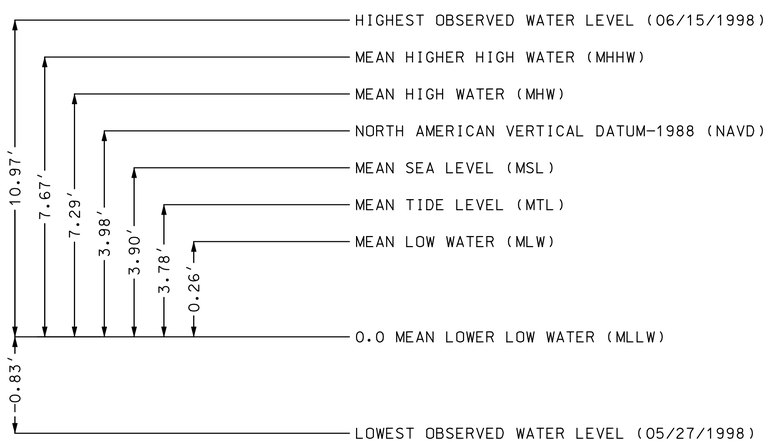


PLAN

SCALE: 1"=1,000'

COCHECO RIVER-DOVER, NEW HAMPSHIRE
7-FOOT CHANNEL (MAINTAINED TO 6-FOOT)
STATE PLANE NAD 1927

#	Easting	Northing	#	Easting	Northing
1	724183.67	247548.12	36	713084.08	255281.15
2	723284.55	248549.74	37	713126.73	255323.35
3	722887.97	249517.01	38	713408.28	255040.08
4	722697.40	249710.67	39	713587.21	255020.24
5	721996.85	249994.50	40	714032.32	255067.43
6	721430.58	250088.50	41A	714215.59	255055.97
7	721014.93	250356.18	42A	714257.70	255017.37
8	720594.83	250941.31	43A	714443.73	254652.36
9A	720498.86	251128.11	44	714691.70	254456.88
9B	720169.92	251554.50	45A	714941.78	254442.38
10	719955.10	251766.36	45B	715172.89	254456.19
11	719858.16	251892.37	46	715529.41	254524.64
12	719720.80	252180.93	47	715679.53	254502.43
13A	719631.51	252259.58	48	716590.16	254038.02
13B	719460.59	252341.64	49	716701.08	253967.92
13C	719215.41	252379.05	50	716955.91	253720.76
13D	719109.73	252373.67	51	717214.03	253528.96
14	718739.50	252430.16	52A	717862.81	253272.69
15	718663.27	252459.58	53A	718118.20	253125.63
16	718434.36	252639.97	54	718480.07	252686.70
17	718250.27	252863.26	55	718669.15	252537.71
18	718246.70	252891.18	56	718758.89	252503.07
19A	718067.29	253108.79	57A	718959.58	252472.45
20A	717875.12	253219.45	57B	719219.20	252454.34
21A	717355.30	253424.76	57C	719587.70	252398.11
21B	717320.43	253422.41	58	719781.92	252227.05
22	717184.60	253476.06	59	719922.46	251931.79
23	716916.96	253674.95	60	720011.42	251816.15
24	716663.77	253920.52	61A	720226.21	251604.32
25	716560.44	253985.82	61B	720562.43	251168.48
26	715661.03	254444.52	62	720659.00	250980.53
27	715530.71	254463.80	63	721067.53	250411.51
28A	715180.34	254396.53	64	721458.16	250159.95
28B	714941.86	254382.28	65	722017.32	250067.13
29	714669.38	254398.08	66	722798.29	249750.72
30A	714396.26	254613.38	67	722926.71	249620.21
31A	714210.16	254978.51	68	723349.02	248590.19
32	714172.29	255003.81	69	724246.16	247590.78
33	714030.42	255037.06			
34	713447.94	254975.31			
35	713380.64	254982.77			



TIDAL DATUM PLANES

Tidal Datums at Dover, Cocheco River are based on the following:

Length of Series	*=2 Months*
Time Period	*=July 1998 - August 1998*
Tidal Epoch	*=1960 - 1978*
Contol Tide Station	*= Portland, Casco Bay (8418150)*

GENERAL NOTES:

1. Soundings are in feet and tenths and refer to the plane of Mean Lower Low Water (MLLW).
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 for sheets 3 thru 8: B.M. Cullen (2000) is a high point within chiseled square on piece of black granite at beginning of pier behind #2 Cullen Bay Road, approximately 1.5' x 1.0' of the granite is visible above ground level. Elevation is 8.90 feet above MLLW.
4. Bench Mark Data for sheets 8 thru 12: B.M. 041IA (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, 0.3ml (0.2km) east on Cocheco Street from its intersection with Portland Street, 44.8 ft. (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 (1m) above ground level. Elevation is 24.64 feet above MLLW.
4. Coordinates shown are based on the Transverse Mercator Grid System for the State of New Hampshire & NAD 1927.
5. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during April 2003 and Mar/May 2005.
6. 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.
7. 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.
8. 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.
9. Field Book: R&H 5072.
Depthsounder Rolls: 03-659/1 thru 4
See NOAA Charts No.13285 & 13283.

INDEX TO DRAWINGS

SHEET NO.		DRAWING NO.	TITLE
1	G-1	COCGBS.DGN	COVER SHEET
2	C-1	COCC101.S02	GENERAL NOTES, CHANNEL COORDINATES, TIDAL DATUM, KEY PLAN, LEGEND & INDEX TO DRAWINGS
3	C-2	COCC102.S03	DREDGING PLAN STATION 0+00 TO 13+83
4	C-3	COCC103.S04	DREDGING PLAN STATION 13+83 TO 31+32
5	C-4	COCC104.S05	DREDGING PLAN STATION 31+32 TO 46+33 AND CROSS-SECTION A
6	C-5	COCC105.S06	DREDGING PLAN STATION 46+33 TO 62+68
7	C-6	COCC106.S07	DREDGING PLAN STATION 62+68 TO 78+96
8	C-7	COCC107.S08	DREDGING PLAN STATION 78+96 TO 94+22 AND CROSS-SECTION B
9	C-8	COCC108.S09	DREDGING PLAN STATION 94+22 TO 110+58
10	C-9	COCC109.S010	DREDGING PLAN STATION 110+58 TO 125+00
11	C-10	COCC110.S11	DREDGING PLAN STATION 125+00 TO 141+58 AND CROSS-SECTIONS C AND D
12	C-11	COCC111.S12	DREDGING PLAN STATION 141+58 TO 145+07
13	C-12	COCC112.S13	UPLAND DISPOSAL ACCESS

GRAPHIC SCALE:

1"=1000' 1000 0 1000 2000

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

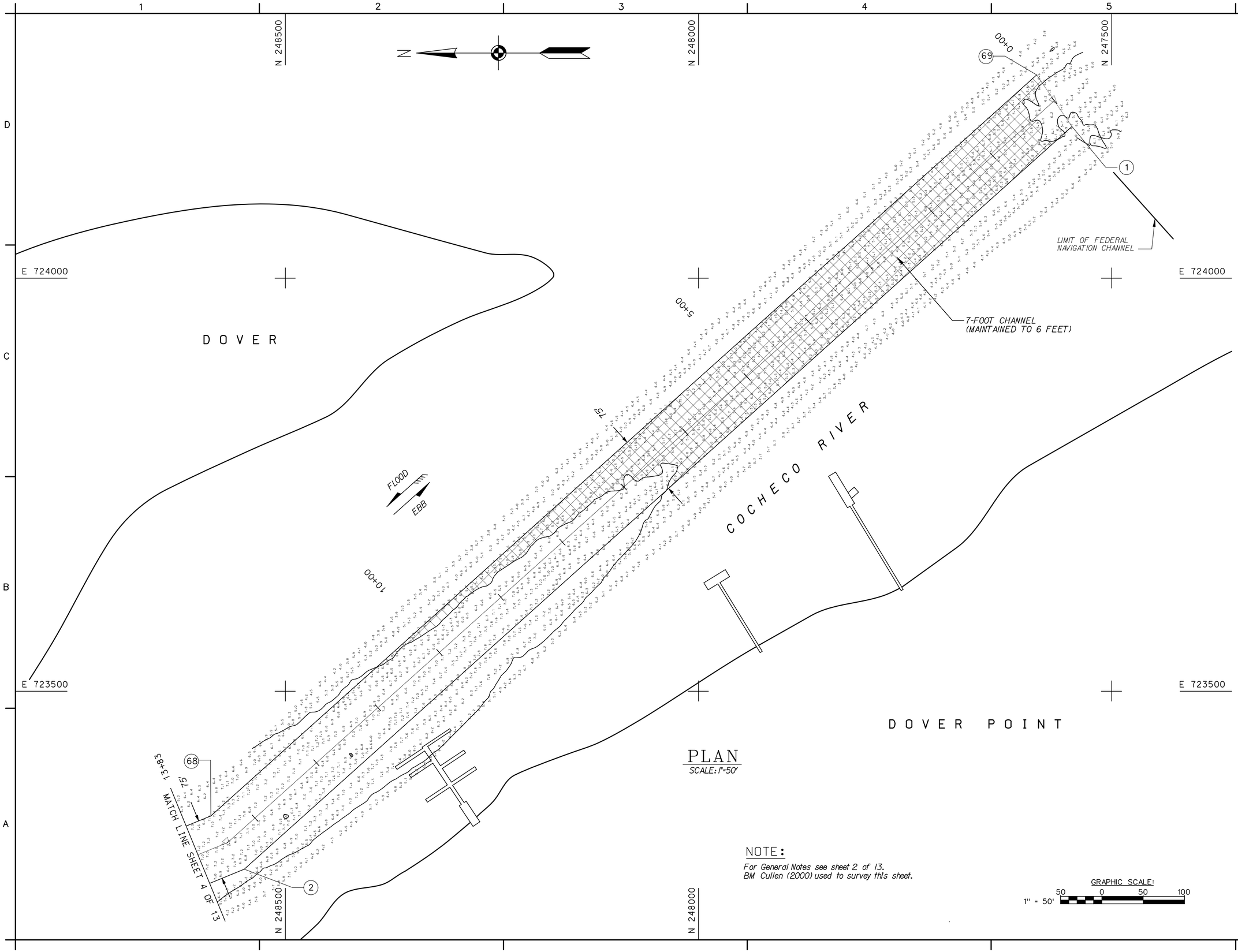
Designed by: Robert Meader
Plotted by: Don Hassett
Asst. Chief, Survey Section
Submitted by:
Chief, Survey Section
Date:
Rev.
Design file no.
Drawing code: 2612
File name: COCC101.S02
Plot date: 07/28/05
Plot scale: 1"=1000'

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

WATER RESOURCES DEVELOPMENT PROJECT
NAVIGATION STUDY PHASE II
7-FOOT CHANNEL (MAINTAINED TO 6-FOOT)
COCHECO RIVER
DOVER, NEW HAMPSHIRE

GENERAL NOTES, CHANNEL COORDINATES, TIDAL DATUM, KEY PLAN, LEGEND, & INDEX TO DRAWINGS

Reference number:
C-1
Sheet 2 of 13



PLAN

SCALE: 1"=50'

NOTE:

For General Notes see sheet 2 of 13.
BM Cullen (2000) used to survey this sheet.

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

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Asst. Chief, Survey Section
Submitted by:
Chief, Survey Section
Date:
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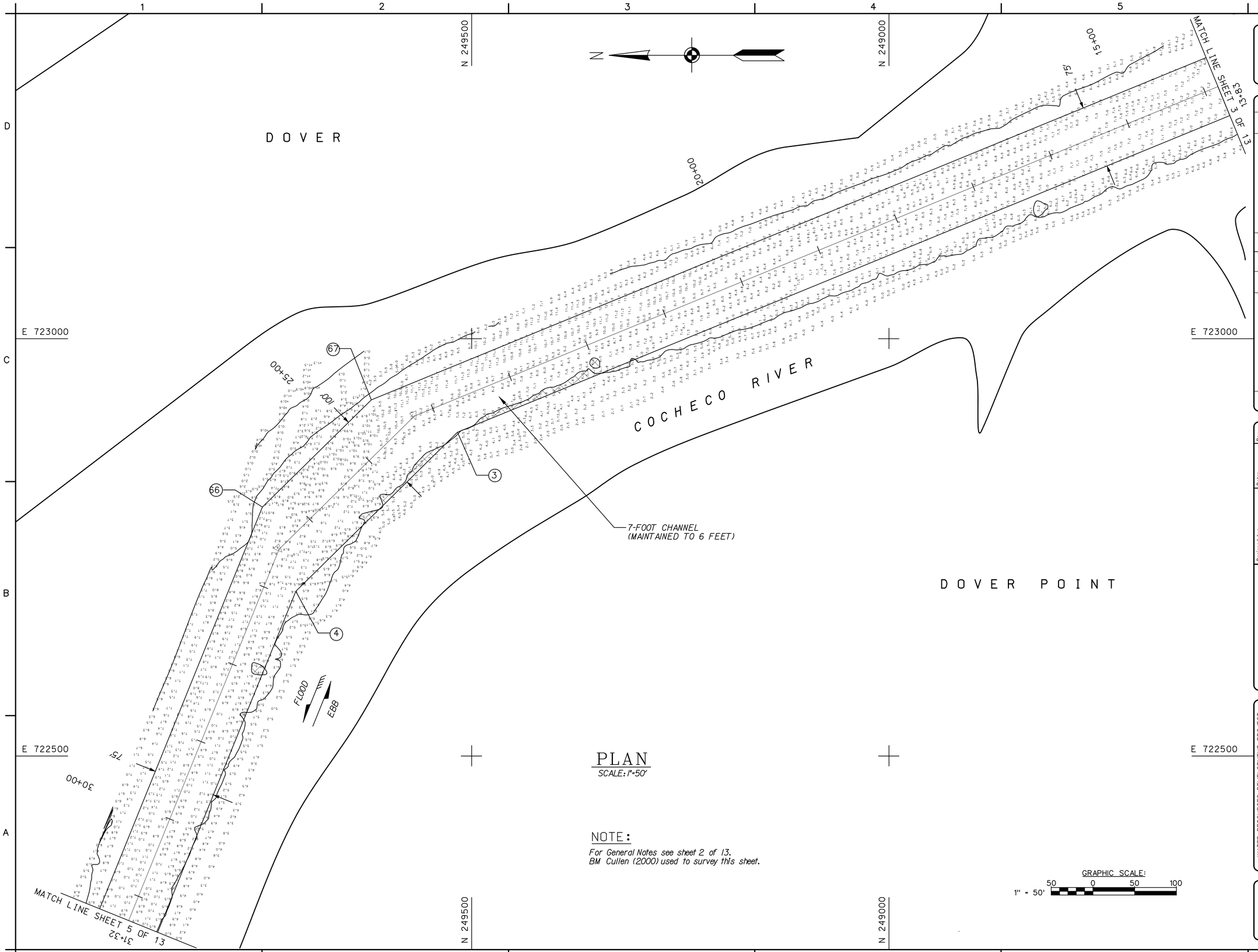
Design file no.
Drawing code: 2612
File name: COCC102.S03
Plot date: 07/28/05
Plot scale: 1"=50'

WATER RESOURCES DEVELOPMENT PROJECT
MAINTENANCE DREDGING PLAN (7-FOOT CHANNEL, MAINTAINED TO 6-FOOT)
COCHECO RIVER
DOVER, NEW HAMPSHIRE

DREDGING PLAN
STATION 0+00 TO 13+83

Reference number:
C-2

Sheet 3 of 13



PLAN

SCALE: 1"=50'

NOTE:

For General Notes see sheet 2 of 13.
BM Cullen (2000) used to survey this sheet.

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

US Army Corps of Engineers
New England District

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Plotted by: Don Hassett
Asst. Chief, Survey Section
Submitted by:
Chief, Survey Section

Date:
Rev.
Design file no.
Drawing code: 2612
File name: COCC103.S04
Plot date: 07/28/05
Plot scale: 1"=50'

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

WATER RESOURCES DEVELOPMENT PROJECT
MAINTENANCE DREDGING PHASE III
7-FOOT CHANNEL (MAINTAINED TO 6-FOOT)
COCHECO RIVER
DOVER, NEW HAMPSHIRE

DREDGING PLAN
SATAION 13+83 TO 31+32

Reference number:
C-3

Sheet 4 of 13

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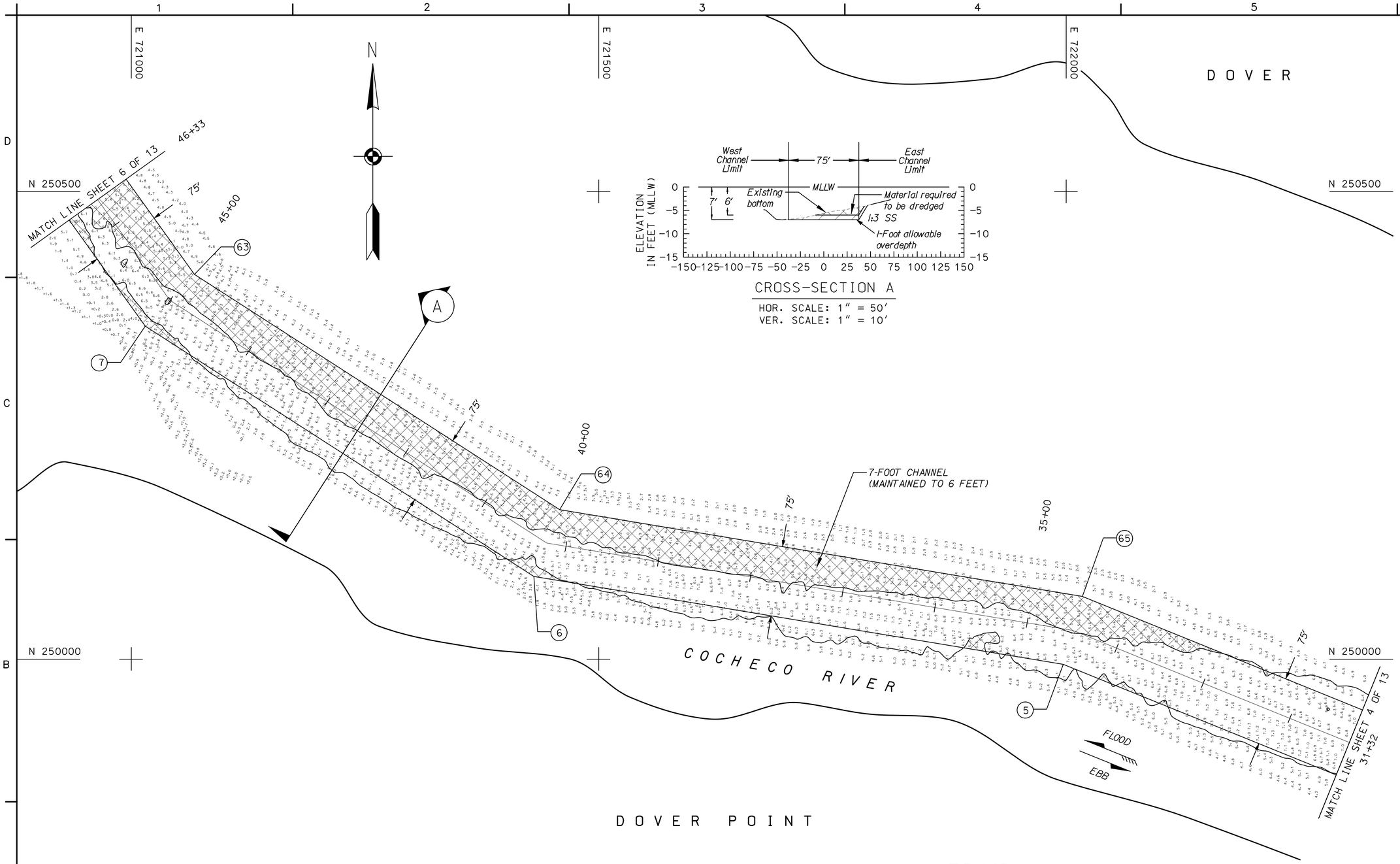

PLAN
SCALE: 1"=50'

CROSS-SECTION A
HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 10'

NOTE:
For General Notes see sheet 2 of 13.
BM Cullen (2000) used to survey this sheet.

GRAPHIC SCALES:
1" = 10' 10 0 10 20
1" = 50' 50 0 50 100

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Designed by: Robert Meader
Plotted by: Don Hassett
Asst. Chief, Survey Section
Submitted by:
Chief, Survey Section
Date:
Design file no.
Drawing code: 2612
File name: COCC104.S05
Plot date: 07/28/05
Plot scale: 1"=50'
Rev.

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

WATER RESOURCES DEVELOPMENT PROJECT
MAINTENANCE DREDGING PHASE II
7-FOOT CHANNEL (MAINTAINED TO 6-FOOT)
COCHECO RIVER
DOVER, NEW HAMPSHIRE
DREDGING PLAN
STATION 31+32 TO 46+33
AND CROSS-SECTION-A

Reference number:
C-4
Sheet 5 of 13

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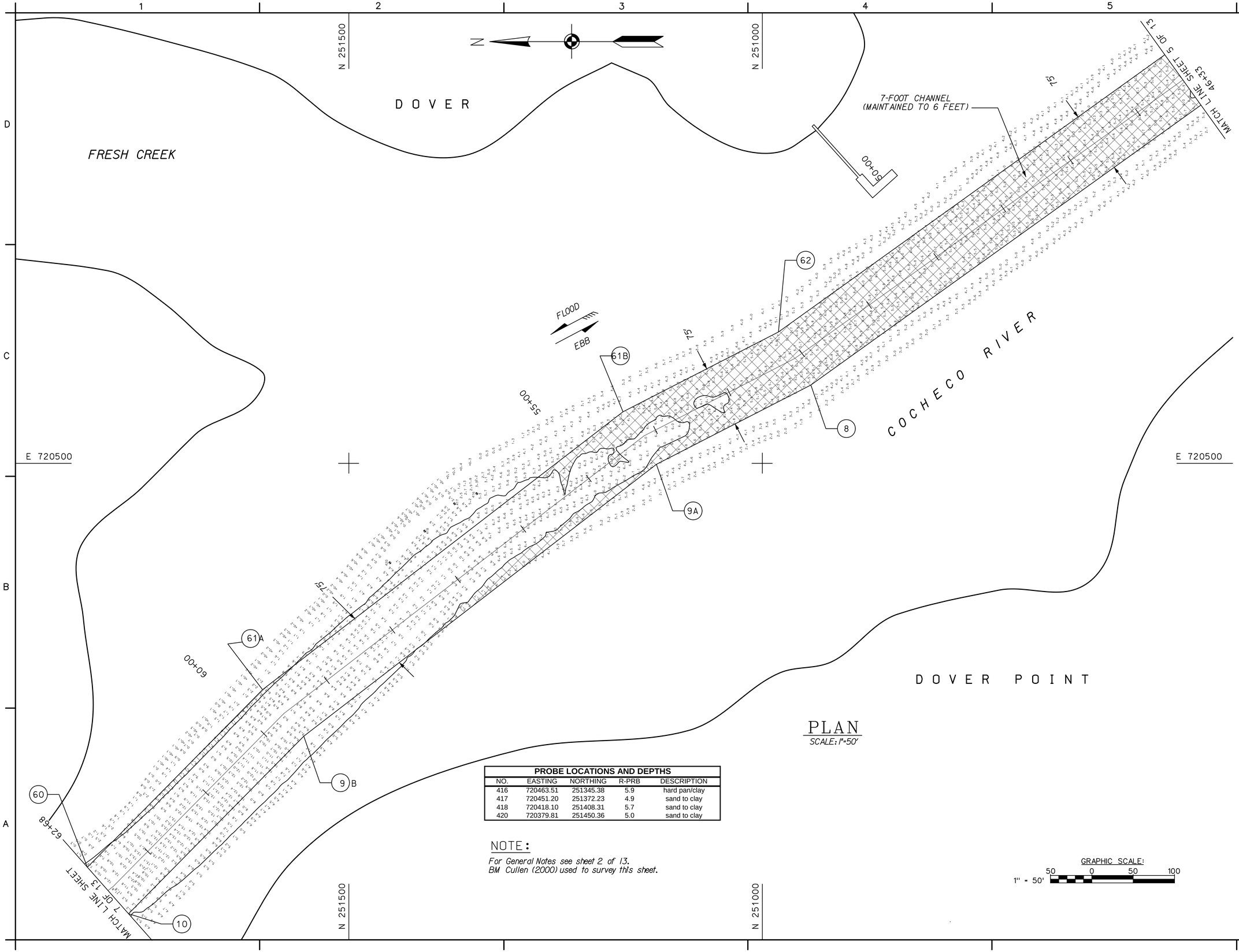

PLAN

SCALE: 1"=50'

PROBE LOCATIONS AND DEPTHS

NO.	EASTING	NORTHING	R-PRB	DESCRIPTION
416	720463.51	251345.38	5.9	hard pan/clay
417	720451.20	251372.23	4.9	sand to clay
418	720418.10	251408.31	5.7	sand to clay
420	720379.81	251450.36	5.0	sand to clay

NOTE:

For General Notes see sheet 2 of 13.
BM Cullen (2000) used to survey this sheet.

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

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Designed by: Robert Meader
Plotted by: Don Hossett
Asst. Chief, Survey Section
Submitted by:
Chief, Survey Section
Date:
Rev.
Design file no.
Drawing code: 2612
File name: COCC105.S06
Plot date: 07/28/05
Plot scale: 1"=50'

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

WATER RESOURCES DEVELOPMENT PROJECT
MAINTENANCE DREDGING PLAN
7-FOOT CHANNEL (MAINTAINED TO 6-FOOT)
COCHECO RIVER
DOVER, NEW HAMPSHIRE

DREDGING PLAN
STATION 46+33 TO 62+68

Reference number:
C-5
Sheet 6 of 13

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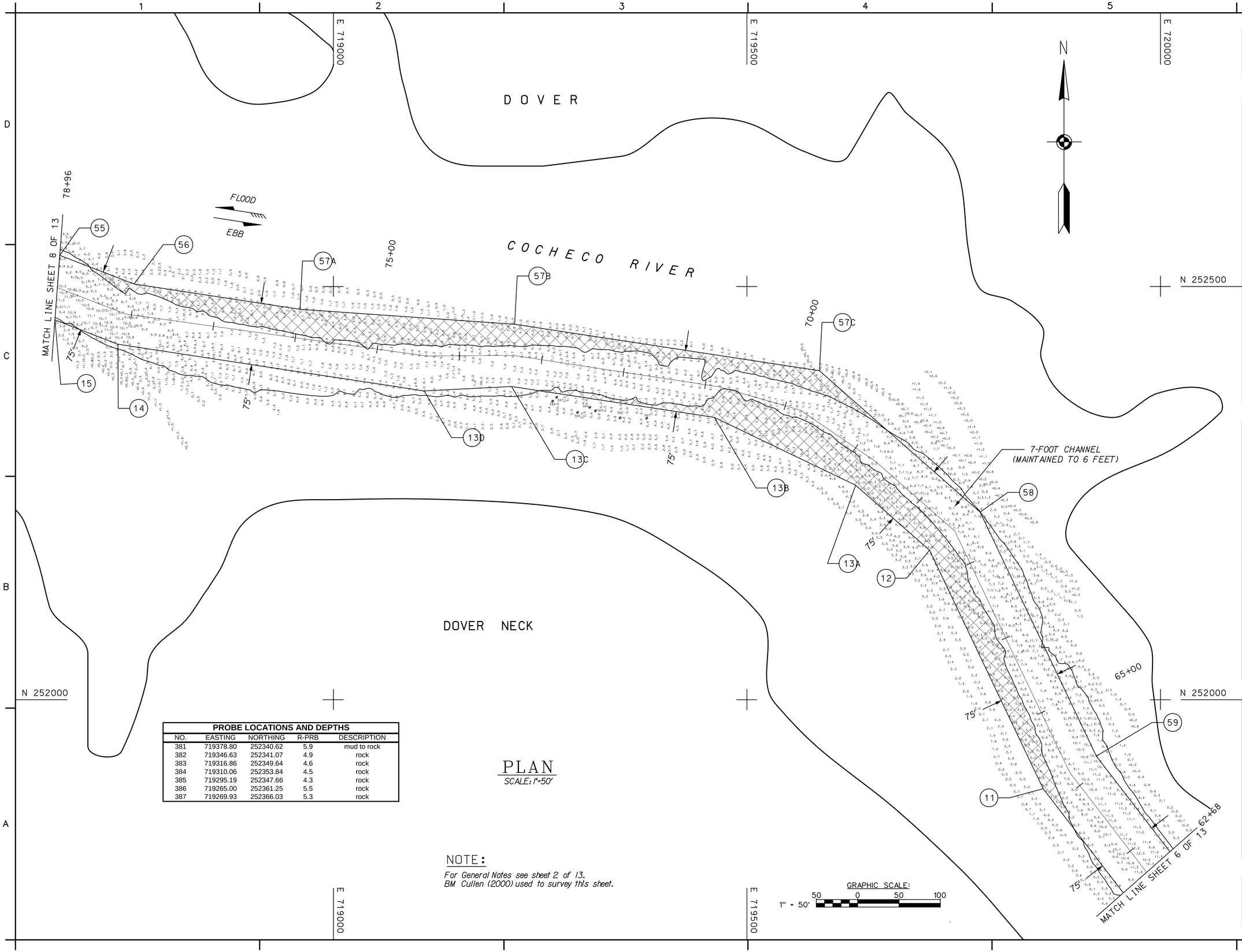


PROBE LOCATIONS AND DEPTHS				
NO.	EASTING	NORTHING	R-PRB	DESCRIPTION
381	719378.80	252340.62	5.9	mud to rock
382	719346.63	252341.07	4.9	rock
383	719316.86	252349.64	4.6	rock
384	719310.06	252353.84	4.5	rock
385	719295.19	252347.66	4.3	rock
386	719265.00	252361.25	5.5	rock
387	719269.93	252366.03	5.3	rock

PLAN

SCALE: 1"=50'

NOTE:

For General Notes see sheet 2 of 13.
BM Cullen (2000) used to survey this sheet.

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

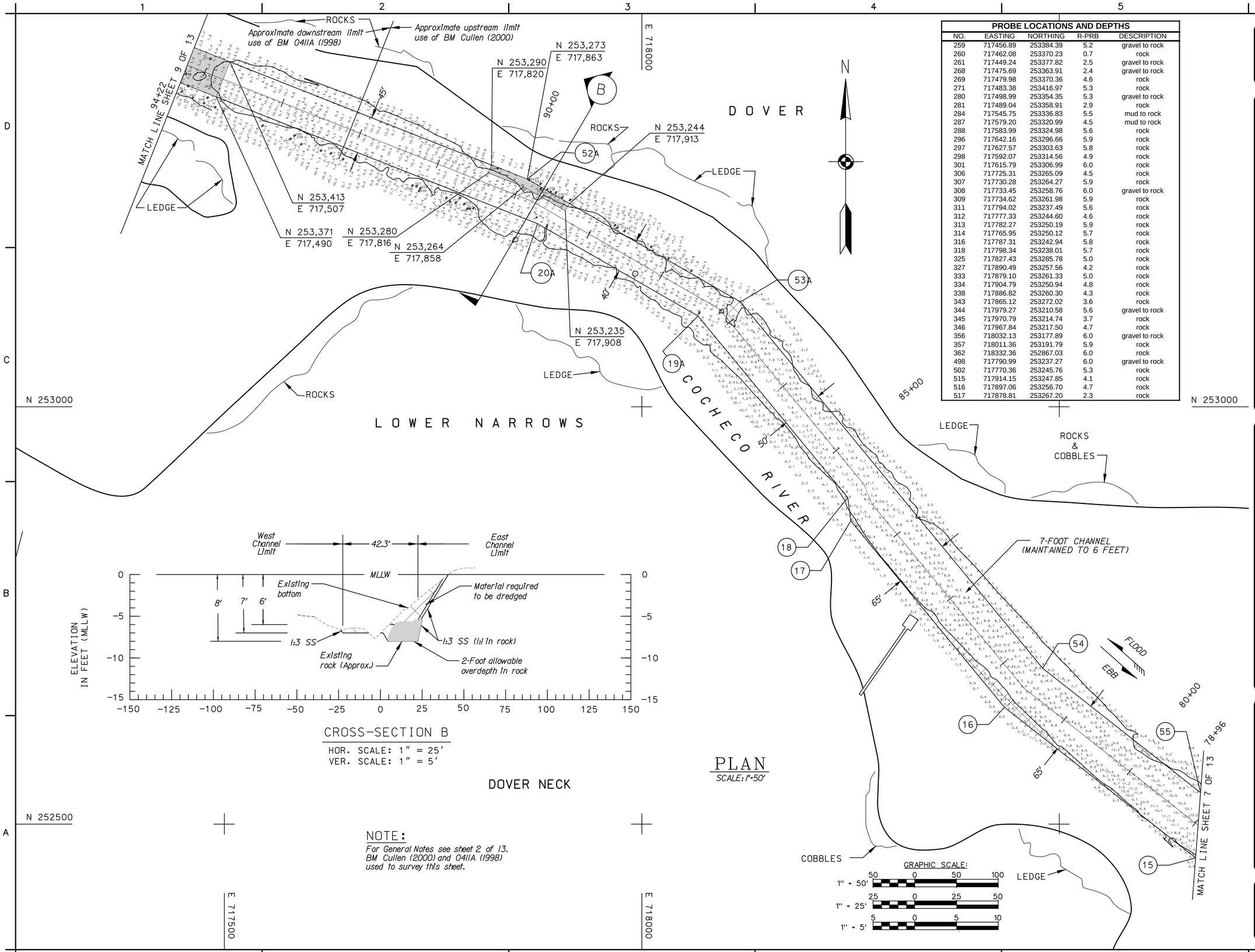
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Designed by: Robert Meader
Plotted by: Don Hassett
Asst. Chief, Survey Section
Submitted by:
Chief, Survey Section
Date:
Rev.
Design file no.
Drawing code: 2612
File name: COCC106.S07
Plot date: 07/28/05
Plot scale: 1"=50'

WATER RESOURCES DEVELOPMENT PROJECT
DOVER, NEW HAMPSHIRE
7-FOOT CHANNEL (MAINTAINED TO 6-FOOT)
COCHECO RIVER
DOVER, NEW HAMPSHIRE

DREDGING PLAN
STATION 62+68 TO 78+96

Reference number:
C-6
Sheet 7 of 13



PROBE LOCATIONS AND DEPTHS

NO.	EASTING	NORTHING	R-PRB	DESCRIPTION
259	717456.89	253384.39	5.2	gravel to rock
260	717462.08	253370.23	0.7	rock
261	717449.24	253377.82	2.5	gravel to rock
268	717475.69	253363.91	2.4	gravel to rock
269	717479.98	253370.36	4.6	rock
271	717483.38	253416.97	5.3	rock
280	717498.99	253354.35	5.3	gravel to rock
281	717489.04	253358.91	2.9	rock
284	717545.75	253336.83	5.5	mud to rock
287	717579.20	253320.99	4.5	mud to rock
288	717583.99	253324.98	5.6	rock
296	717642.16	253296.66	5.9	rock
297	717627.57	253303.63	5.8	rock
298	717592.07	253314.56	4.9	rock
301	717615.79	253306.99	6.0	rock
306	717725.31	253265.09	4.5	rock
307	717730.28	253264.27	5.9	rock
308	717733.45	253258.76	6.0	gravel to rock
309	717734.62	253261.98	5.9	rock
311	717794.02	253237.49	5.6	rock
312	717777.33	253244.60	4.6	rock
313	717782.27	253250.19	5.9	rock
314	717765.95	253250.12	5.7	rock
316	717787.31	253242.94	5.8	rock
318	717798.34	253238.01	5.7	rock
325	717827.43	253285.78	5.0	rock
327	717890.49	253257.56	4.2	rock
333	717879.10	253261.33	5.0	rock
334	717904.79	253250.94	4.8	rock
338	717886.82	253260.30	4.3	rock
343	717865.12	253272.02	3.6	rock
344	717979.27	253210.58	5.6	gravel to rock
345	717970.79	253214.74	3.7	rock
346	717967.84	253217.50	4.7	rock
356	718032.13	253177.89	6.0	gravel to rock
357	718011.36	253191.79	5.9	rock
362	718332.36	252867.03	6.0	rock
498	717790.99	253237.27	6.0	gravel to rock
502	717770.36	253245.76	5.3	rock
515	717914.15	253247.85	4.1	rock
516	717897.06	253256.70	4.7	rock
517	717878.81	253267.20	2.3	rock

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Designed by: Robert Meader
Plotted by: Don Hassett
Asst. Chief, Survey Section
Submitted by:
Chief, Survey Section
Date:
Rev.
Design file no.
Drawing code: 2612
File name: COCC107.S08
Plot date: 07/28/05
Plot scale: 1"=50'

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

WATER RESOURCES DEVELOPMENT PROJECT
NATIONAL DEFENSE PROJECT
7-FOOT CHANNEL (MAINTAINED TO 6-FOOT)
COCHECO RIVER
DOVER, NEW HAMPSHIRE

DREDGING PLAN
STATION 78+96 TO 94+22
AND CROSS-SECTION B

Reference number:
C-7
Sheet 8 of 13

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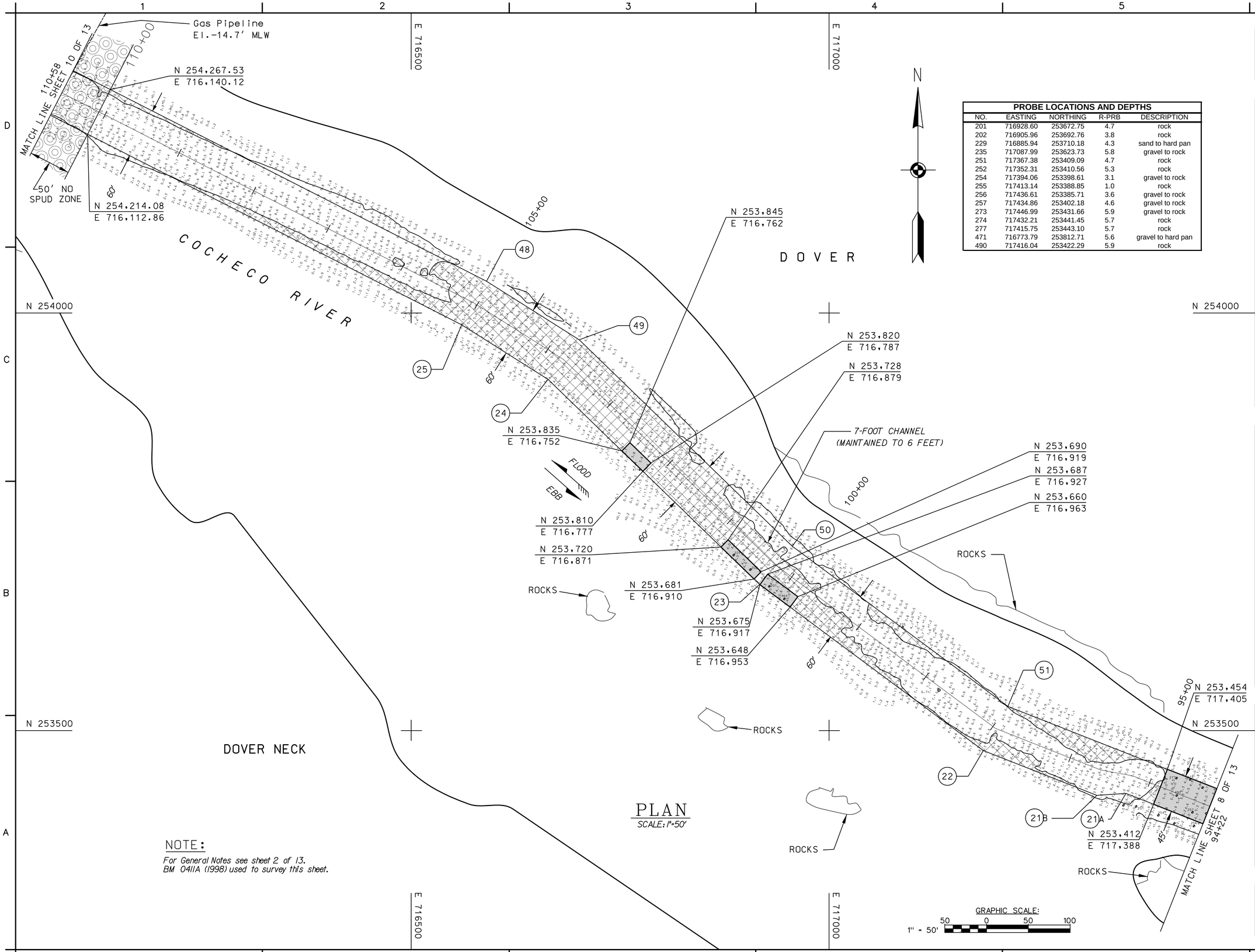

PROBE LOCATIONS AND DEPTHS				
NO.	EASTING	NORTHING	R-PRB	DESCRIPTION
201	716928.60	253672.75	4.7	rock
202	716905.96	253692.76	3.8	rock
229	716885.94	253710.18	4.3	sand to hard pan
235	717087.99	253623.73	5.8	gravel to rock
251	717367.38	253409.09	4.7	rock
252	717352.31	253410.56	5.3	rock
254	717394.06	253398.61	3.1	gravel to rock
255	717413.14	253388.85	1.0	rock
256	717436.61	253385.71	3.6	gravel to rock
257	717434.86	253402.18	4.6	gravel to rock
273	717446.99	253431.66	5.9	gravel to rock
274	717432.21	253441.45	5.7	rock
277	717415.75	253443.10	5.7	rock
471	716773.79	253812.71	5.6	gravel to hard pan
490	717416.04	253422.29	5.9	rock

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Designed by: Robert Meader
Plotted by: Don Hassett
Asst. Chief, Survey Section
Submitted by:
Chief, Survey Section
Date:
Rev.
Design file no.
Drawing code: 2612
File name: COCC108.S09
Plot date: 07/28/05
Plot scale: 1"=50'

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

WATER RESOURCES DEVELOPMENT PROJECT
MAINTENANCE DREDGING PHASE III
7-FOOT CHANNEL (MAINTAINED TO 6-FOOT)
COCHECO RIVER
DOVER, NEW HAMPSHIRE

DREDGING PLAN
STATION 94+22 TO 110+58

Reference number:
C-8
Sheet 9 of 13

PLAN

SCALE: 1"=50'

NOTE:

For General Notes see sheet 2 of 13.
BM 041IA (1998) used to survey this sheet.

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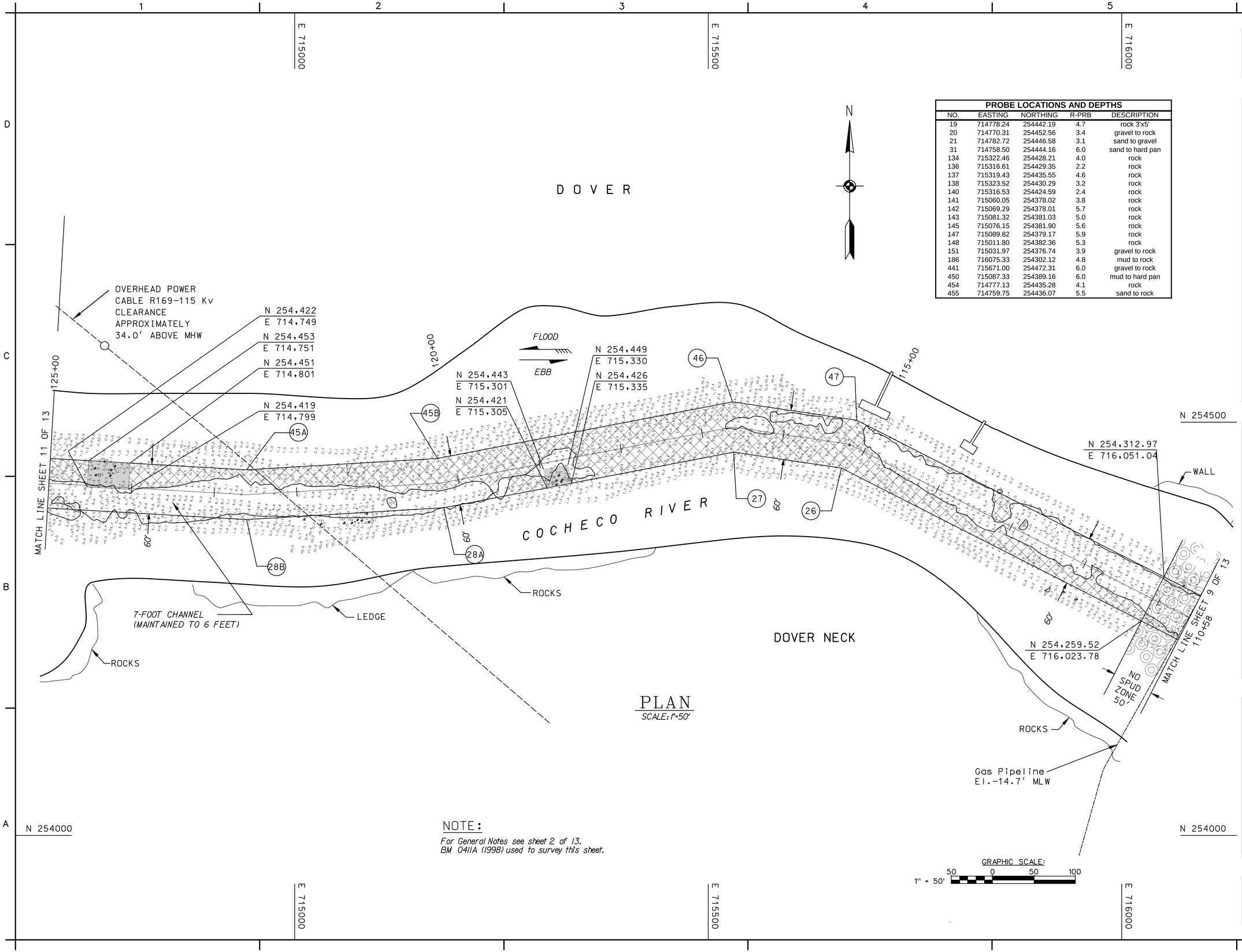

PLAN

SCALE: 1"=50'

PROBE LOCATIONS AND DEPTHS				
NO.	EASTING	NORTHING	R-PRB	DESCRIPTION
19	714778.24	254442.19	4.7	rock 3'x5'
20	714770.31	254452.56	3.4	gravel to rock
21	714782.72	254446.58	3.1	sand to gravel
31	714758.50	254444.16	6.0	sand to hard pan
134	715322.46	254428.21	4.0	rock
136	715316.61	254429.35	2.2	rock
137	715319.43	254435.55	4.6	rock
138	715323.52	254430.29	3.2	rock
140	715316.53	254424.59	2.4	rock
141	715060.05	254378.02	3.8	rock
142	715069.29	254378.01	5.7	rock
143	715081.32	254381.03	5.0	rock
145	715076.15	254381.90	5.6	rock
147	715089.82	254379.17	5.9	rock
148	715011.80	254382.36	5.3	rock
151	715031.97	254376.74	3.9	gravel to rock
186	716075.33	254302.12	4.8	mud to rock
441	715671.00	254472.31	6.0	gravel to rock
450	715087.33	254389.16	6.0	mud to hard pan
454	714777.13	254435.28	4.1	rock
455	714759.75	254436.07	5.5	sand to rock

NOTE:

For General Notes see sheet 2 of 13.
BM 041IA (1998) used to survey this sheet.

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Designed by: Robert Meader
Plotted by: Don Hassett
Asst. Chief, Survey Section
Submitted by:
Chief, Survey Section

Date:
Rev.
Design file no.
Drawing code: 2612
File name: COCC109.S10
Plot date: 07/28/05
Plot scale: 1"=50'

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

WATER RESOURCES DEVELOPMENT PROJECT
MAINTENANCE DREDGING PHASE II
7-FOOT CHANNEL (MAINTAINED TO 6-FOOT)
COCHECO RIVER
DOVER, NEW HAMPSHIRE

DREDGING PLAN
STATION 110+58 TO 125+00

Reference number:
C-9
Sheet 10 of 13

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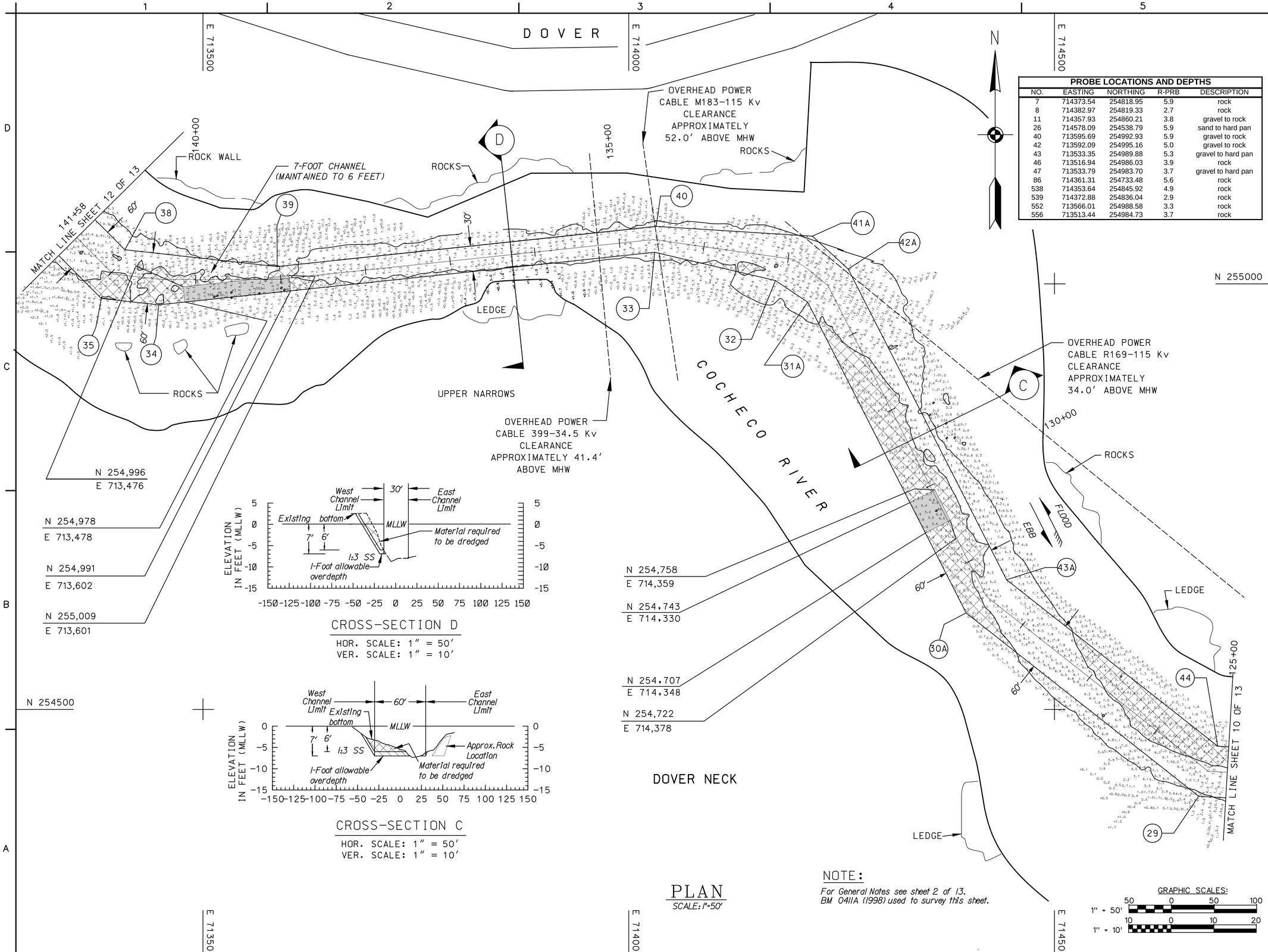

CROSS-SECTION D

HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 10'

CROSS-SECTION C

HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 10'

PLAN

SCALE: 1"=50'

NOTE:

For General Notes see sheet 2 of 13.
BM 041A (1998) used to survey this sheet.

GRAPHIC SCALES:

1" = 50' 50 0 50 100

1" = 10' 10 0 10 20

PROBE LOCATIONS AND DEPTHS

NO.	EASTING	NORTHING	R-PRB	DESCRIPTION
7	714373.54	254818.95	5.9	rock
8	714382.97	254819.33	2.7	rock
11	714357.93	254860.21	3.8	gravel to rock
26	714578.09	254538.79	5.9	sand to hard pan
40	713595.69	254992.93	5.9	gravel to rock
42	713592.09	254995.16	5.0	gravel to rock
43	713533.35	254989.88	5.3	gravel to hard pan
46	713516.94	254986.03	3.9	rock
47	713533.79	254983.70	3.7	gravel to hard pan
86	714361.31	254733.48	5.6	rock
538	714353.64	254845.92	4.9	rock
539	714372.88	254836.04	2.9	rock
552	713566.01	254988.58	3.3	rock
556	713513.44	254984.73	3.7	rock

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Designed by: Robert Meader
Plotted by: Don Hossett
Asst. Chief, Survey Section
Submitted by:
Chief, Survey Section
Date:
Rev.
Design file no.
Drawing code: 2612
File name: COCC110.S11
Plot date: 07/28/05
Plot scale: 1"=50'

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

WATER RESOURCES DEVELOPMENT PROJECT
MAINTENANCE DREDGING PLAN
7-FOOT CHANNEL (MAINTAINED TO 6-FOOT)
COCHECO RIVER
DOVER, NEW HAMPSHIRE

DREDGING PLAN
STATION 125+00 TO 141+58
AND CROSS-SECTIONS C AND D

Reference number:
C-10
Sheet 11 of 13

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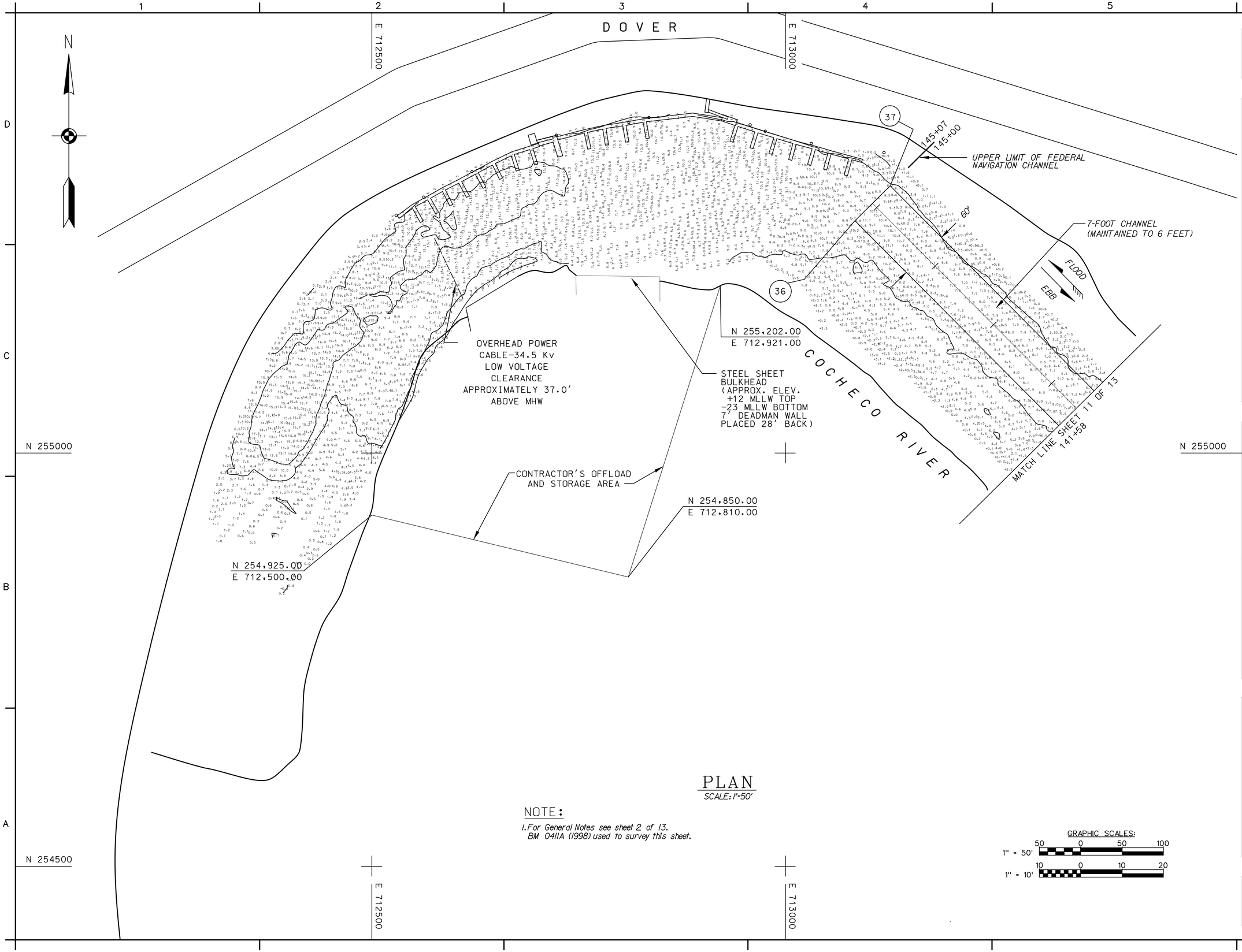

PLAN

SCALE: 1"=50'

NOTE:

1. For General Notes see sheet 2 of 13. BM 041IA (1998) used to survey this sheet.

GRAPHIC SCALES:

1" = 50' 50 0 50 100

1" = 10' 10 0 10 20

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Designed by: Robert Meader
Plotted by: Don Hassett
Asst. Chief, Survey Section
Submitted by:
Chief, Survey Section
Date:
Rev.
Design file no.
Drawing code: 2612
File name: COCC111.S12
Plot date: 07/28/05
Plot scale: 1"=50'

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

WATER RESOURCES DEVELOPMENT PROJECT
MAINTENANCE DREDGING PHASE II (7-FOOT)
7-FOOT CHANNEL (MAINTAINED TO 6-FOOT)
COCHECO RIVER
DOVER, NEW HAMPSHIRE

DREDGING PLAN
STATION 141+58 TO 145+07

Reference number:
C-11

Sheet 12 of 13

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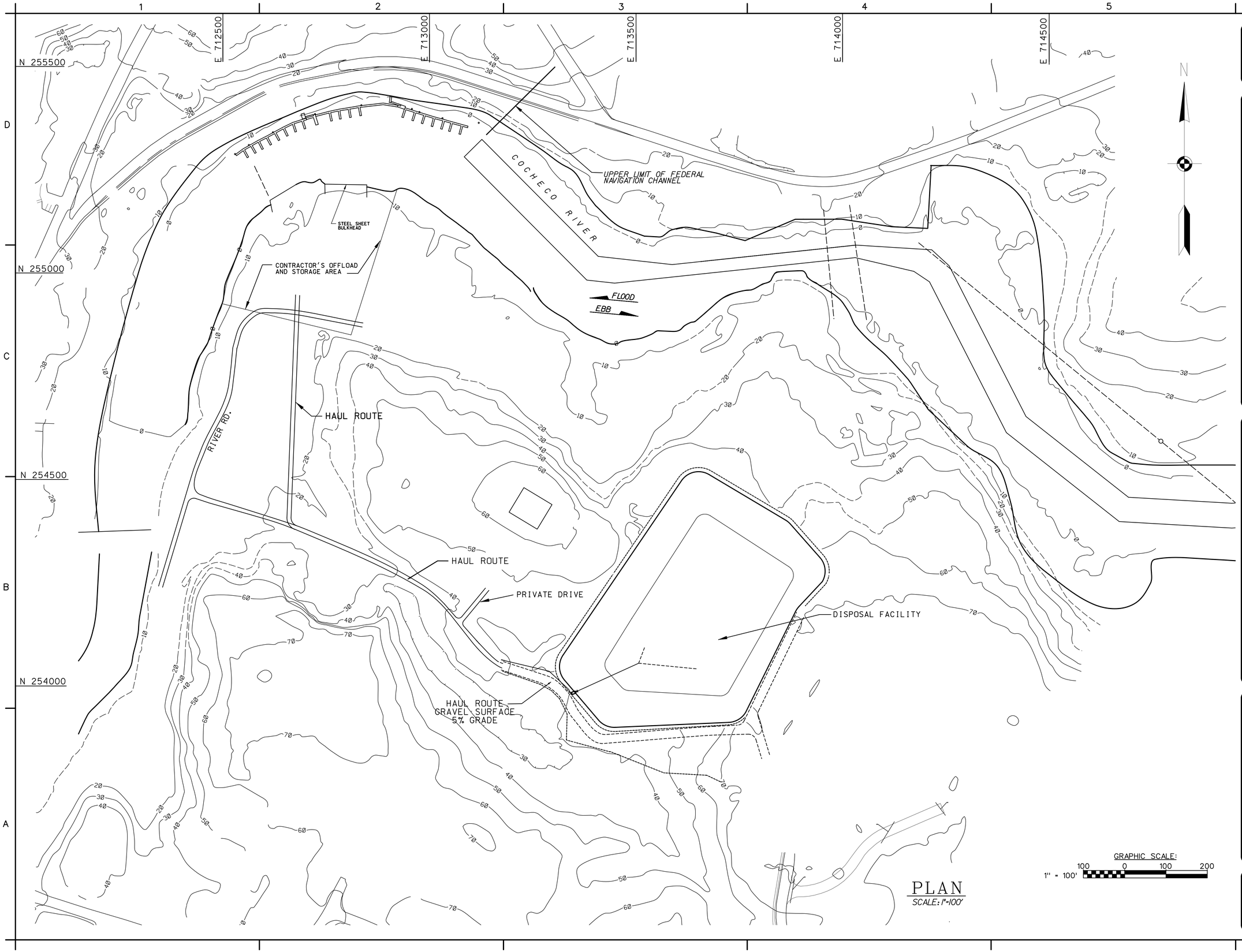

PLAN
SCALE: 1"=100'

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Designed by: Robert Meader
Plotted by: Robert Meader
Asst. Chief, Survey Section
Submitted by: Joe Lampara /s/
Chief, Civil Engrg Sect
Date:
Rev.
Design file no. cocc113.s13
Drawing code: 2612
File name: cocc112.s13
Plot date: 07/28/05
Plot scale: 1" = 100'

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

WATER RESOURCES DEVELOPMENT PROJECT
MAINTENANCE DREDGING PHASE II
7-FOOT CHANNEL (MAINTAINED TO 6-FOOT)
COCHECO RIVER
DOVER, NEW HAMPSHIRE

UPLAND DISPOSAL ACCESS

Reference number:
C-12
Sheet 13 of 13