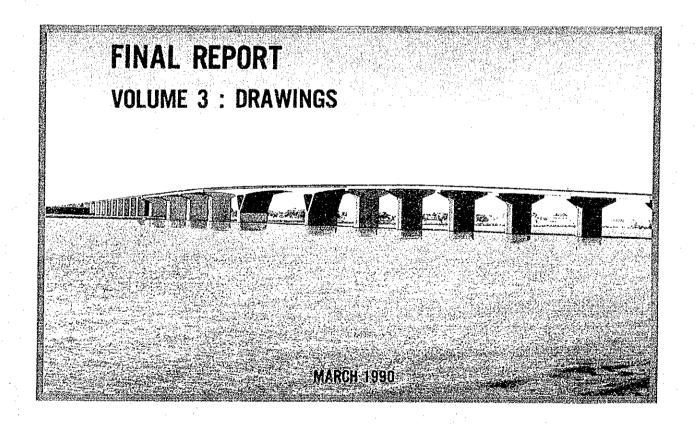
NATIONAL CAPITAL KHARTOUM THE GOVERNMENT OF THE REPUBLIC OF THE SUDAN

THE FEASIBILITY STUDY ON THE CONSTRUCTION OF THE NEW WHITE NILE BRIDGE IN THE REPUBLIC OF THE SUDAN



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NATIONAL CAPITAL KHARTOUM THE GOVERNMENT OF THE REPUBLIC OF THE SUDAN

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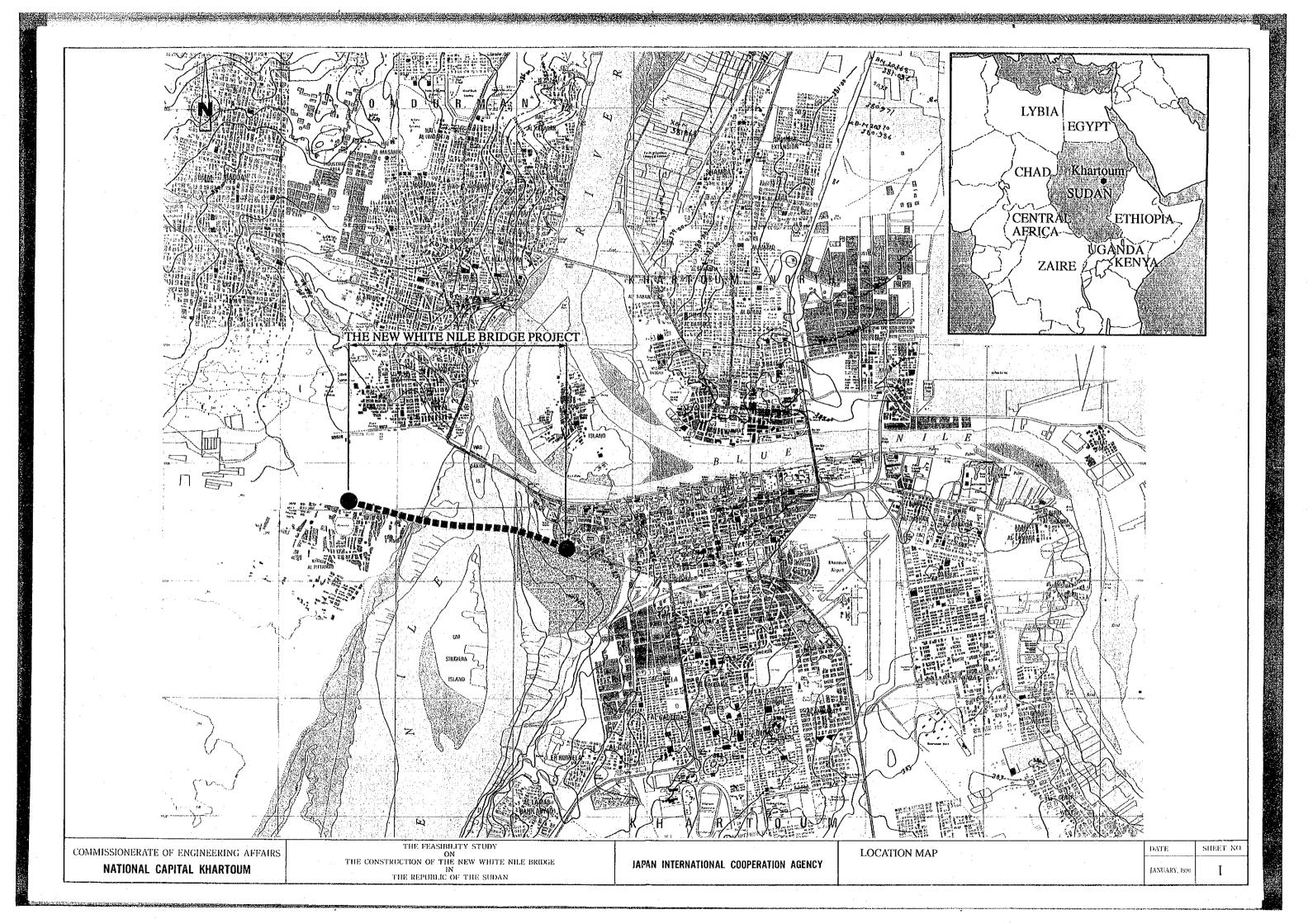
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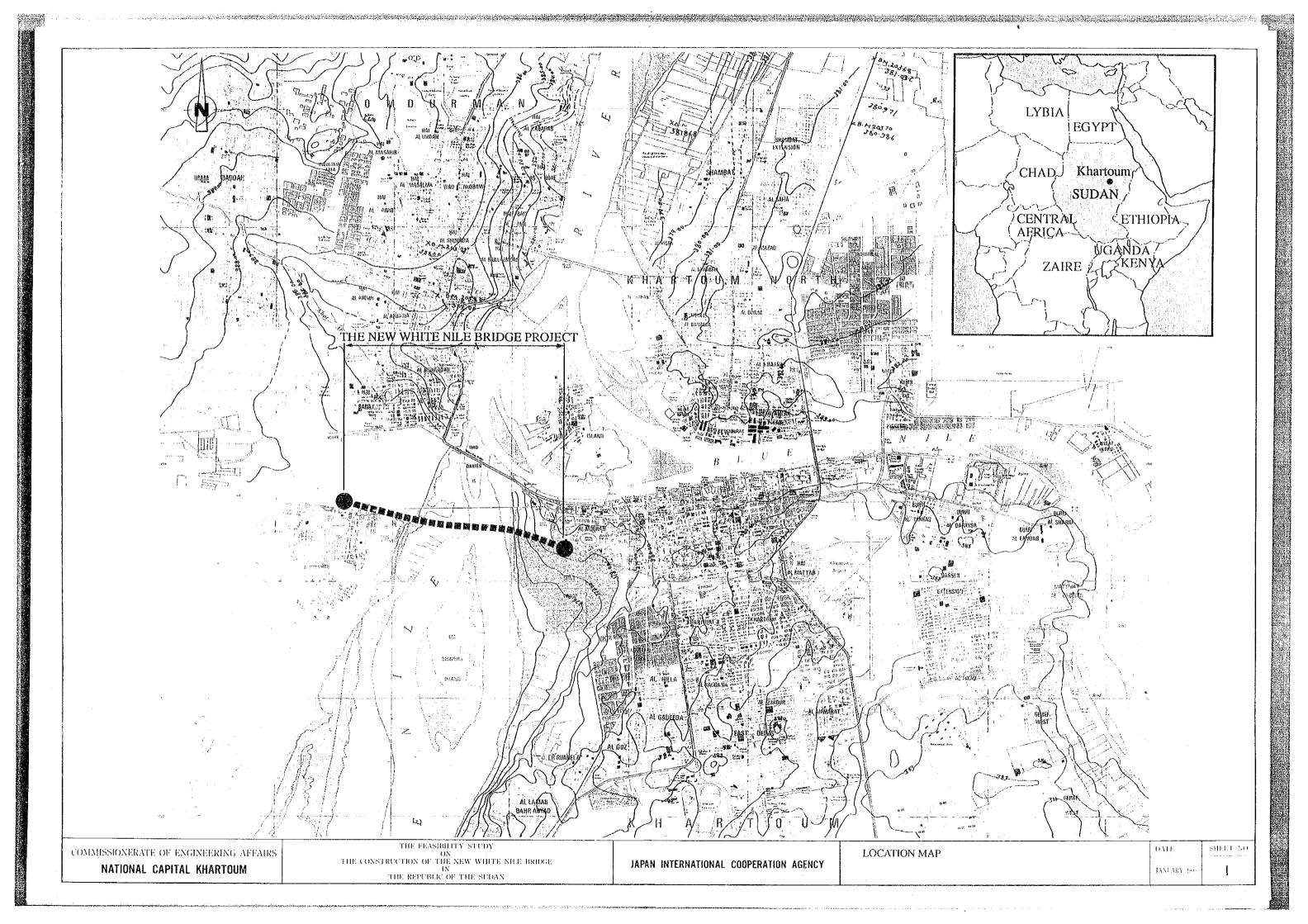
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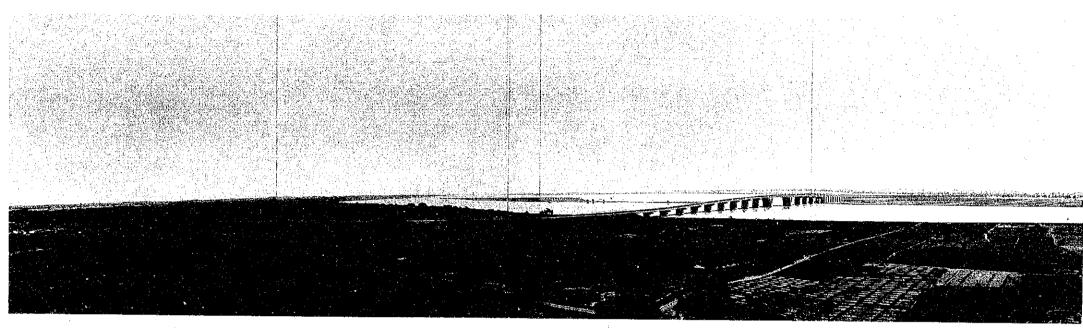
VOLUME 3: DRAWINGS



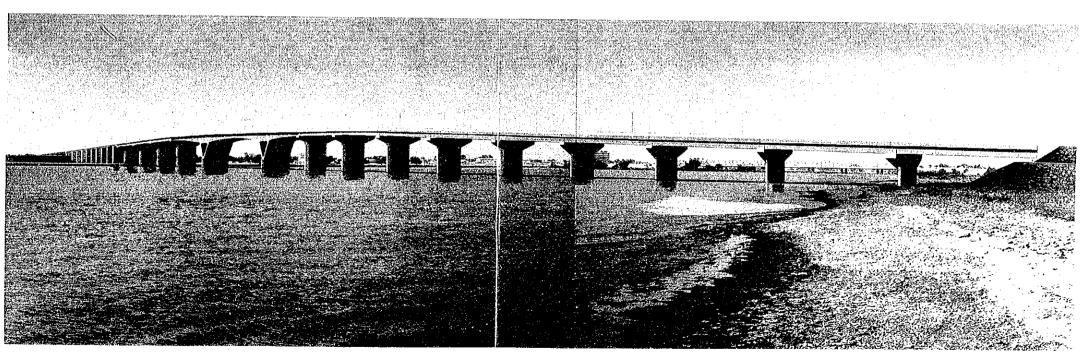
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Perspective view of the proposed New White Nile Bridge and approach road viewed from the roof of the Hotel Hilton.



Side view of the proposed New White Nile Bridge viewed from the up-stream. The existing bridge can be seen in the background.

COMMISSIONERATE OF ENGINEERING AFFAIRS

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THE FEASIBILITY STUDY
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DATE SHEET NO.

JANUARY, 1990

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	TITLE	SHEET NO.		TITLE	SHEET NO.
1	GENERAL PLAN	1/32	18	SUPERSTRUCTURE NO.1: P.C BOX GIRDER	18/32
2	LONGITUDIAL PLOFILE	2/32	19	TRANSVERSE ARRANGEMENT OF P.C CABLES FOR P.C BOGIRDER	OX 19/32
3	CROSS-SECTION (1) (NO.1+0.0~NO.15+50.0)	3/32	20	SUPERSTRUCTURE NO.2: P.C I -GIRDER	20/22
4	CROSS-SECTION (2) (NO.15+50.0~NO.22+85.0)	4/32			20/32
5	CROSS-SECTION (3) (NO.22+85.0~NO.40+0.0)	5/32	21	SUPERSTRUCTURE NO.3: R.C HOLLOW SLAB	21/32
6	ASPHALT PAVEMENT STRUCTURE	6/32	22	SUBSTRUCTURE NO.1: PIERS OF P.C BOX GIRDER	22/32
7	OMDURMAN SIDE INTERSECTION: GENERAL PLAN	7/32	23	SUBSTRUCTURE NO.2: PIERS FOR P.C I-GIRDER AND R.C HOLLOW SLAB	23/32
8	OMDURMAN SIDE INTERSECTION: CROSS-SECTION	8/32	24	ABUTMENT STRUCTURE	24/32
9	KHARTOUM SIDE INTERSECTION: GENERAL PLAN	9/32	25	BEARINGS	25/32
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11	DETAILES OF ROAD RELATED FACILITIES (1)	11/32	27.	BRIDGE ANCILLARIES: RAILING, LIGHTING AND DRAINPIL	PE 27/32
12	DETAILES OF ROAD RELATED FACILITIES (2)	12/32	28	BRIDGE ANCILLARIES: NEWEL POST, STEPS AND NAVIGATION AID POST	28/32
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17	GENERAL VIEW OF THE BRIDGE	17/32	32	CONSTRUCTION TIME SCHEDULE	32/32

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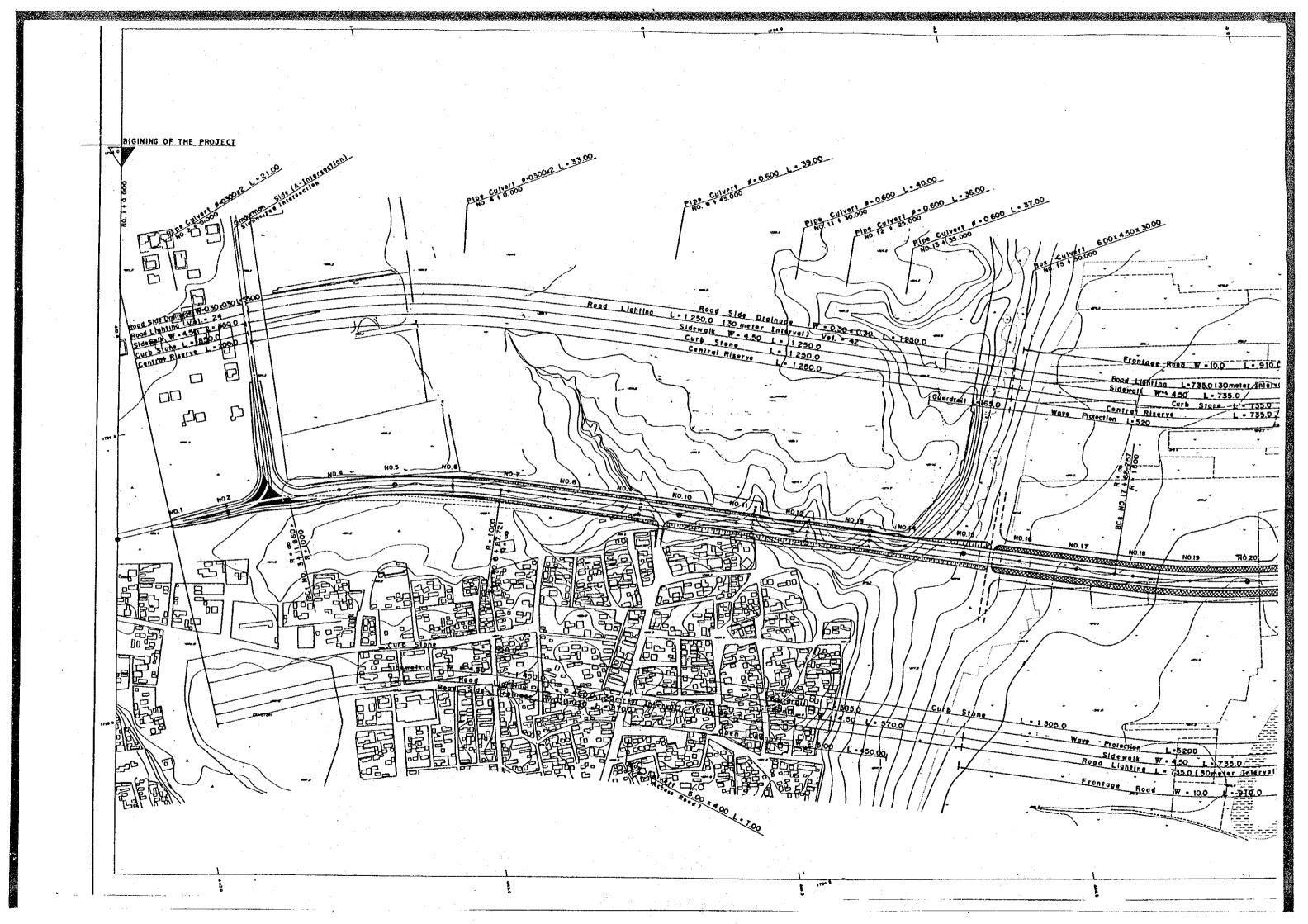
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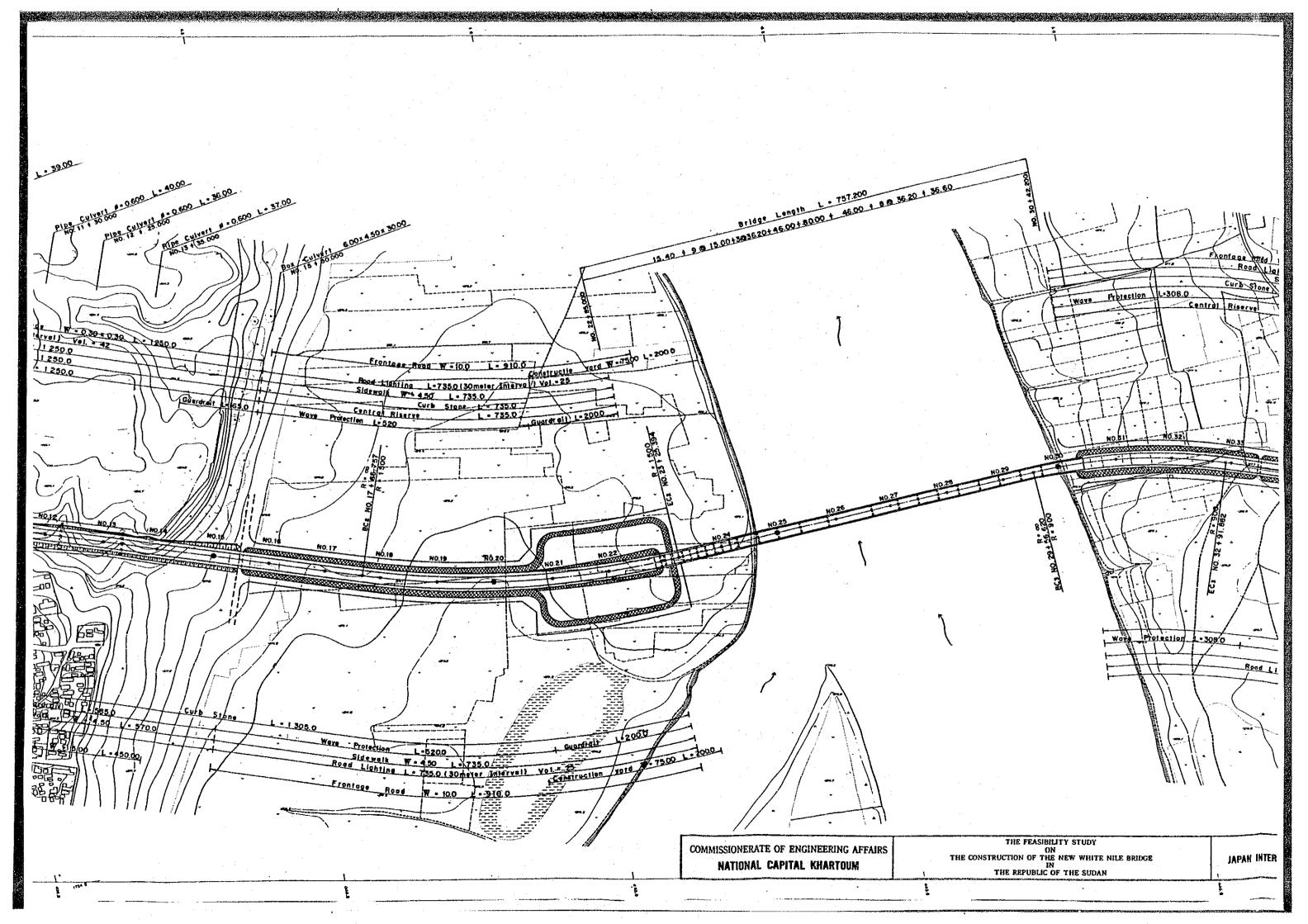
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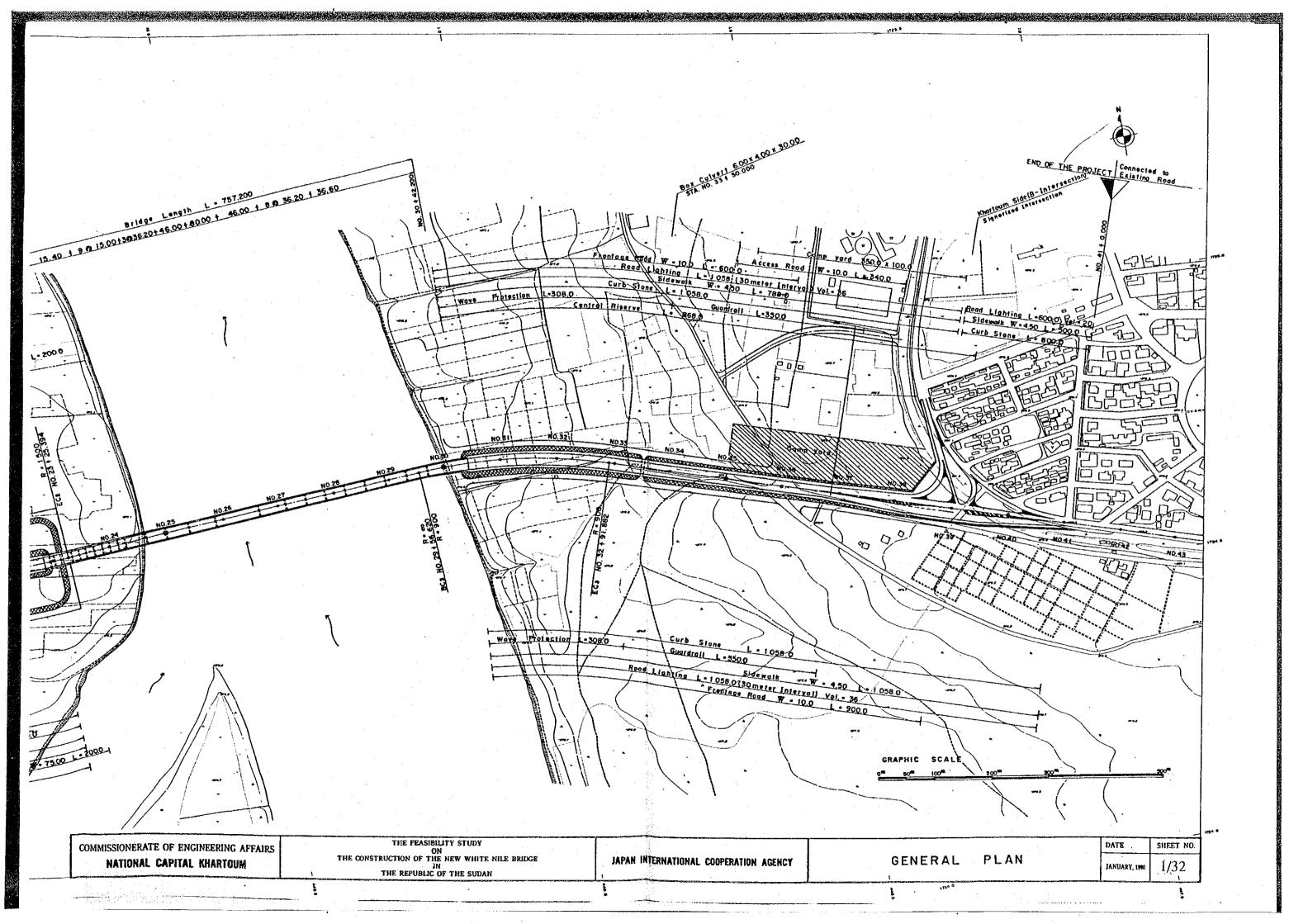
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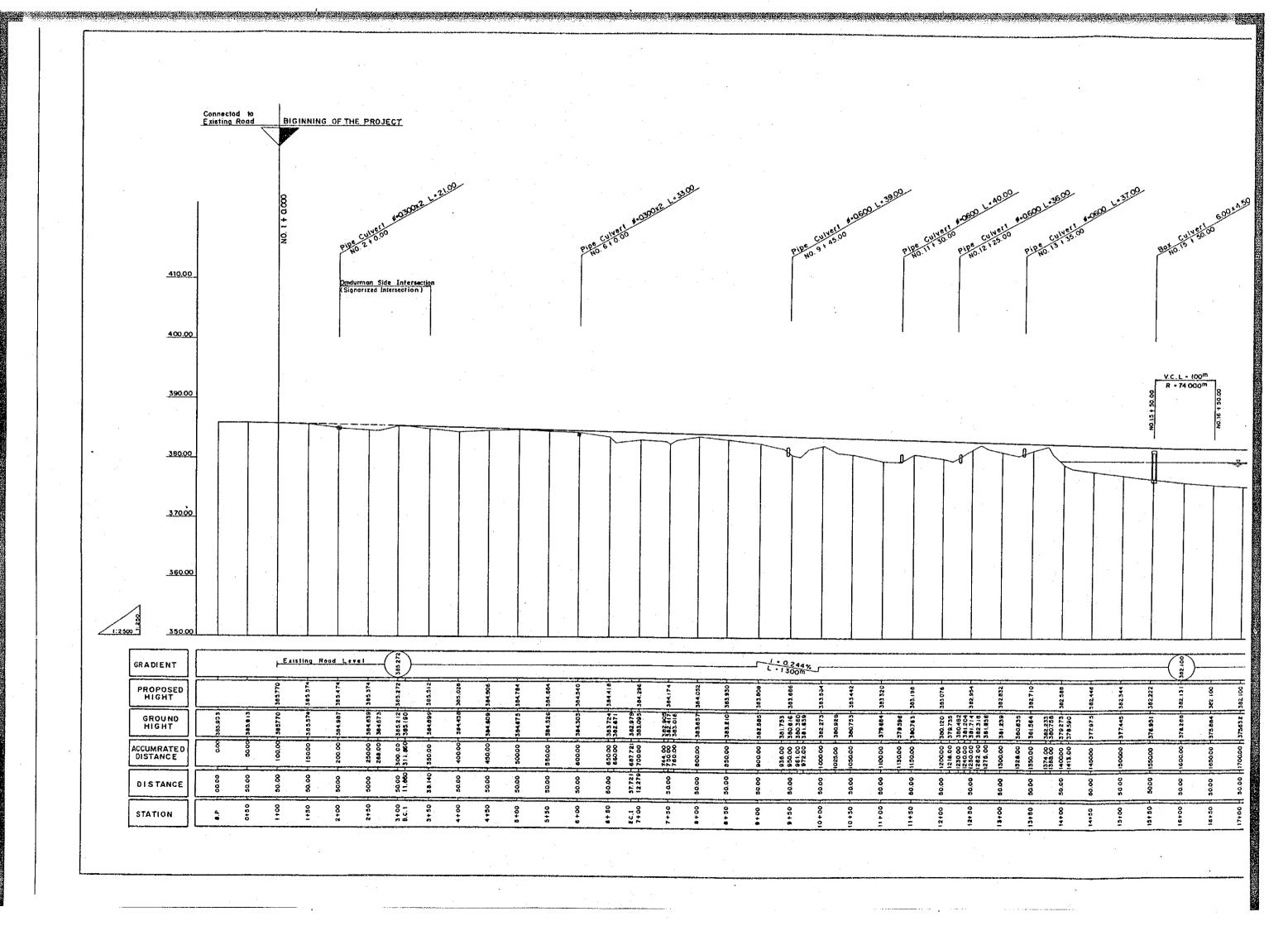
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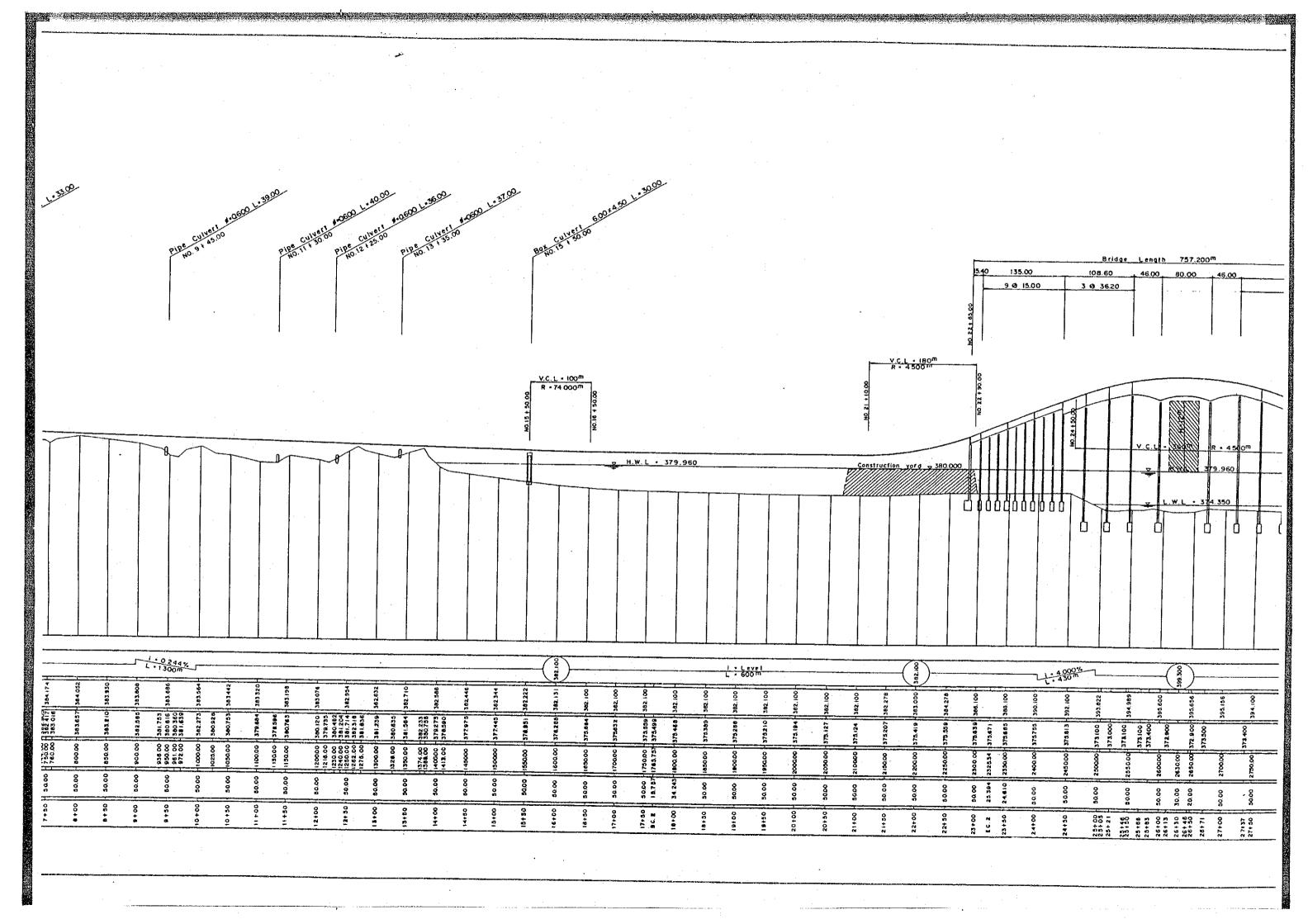
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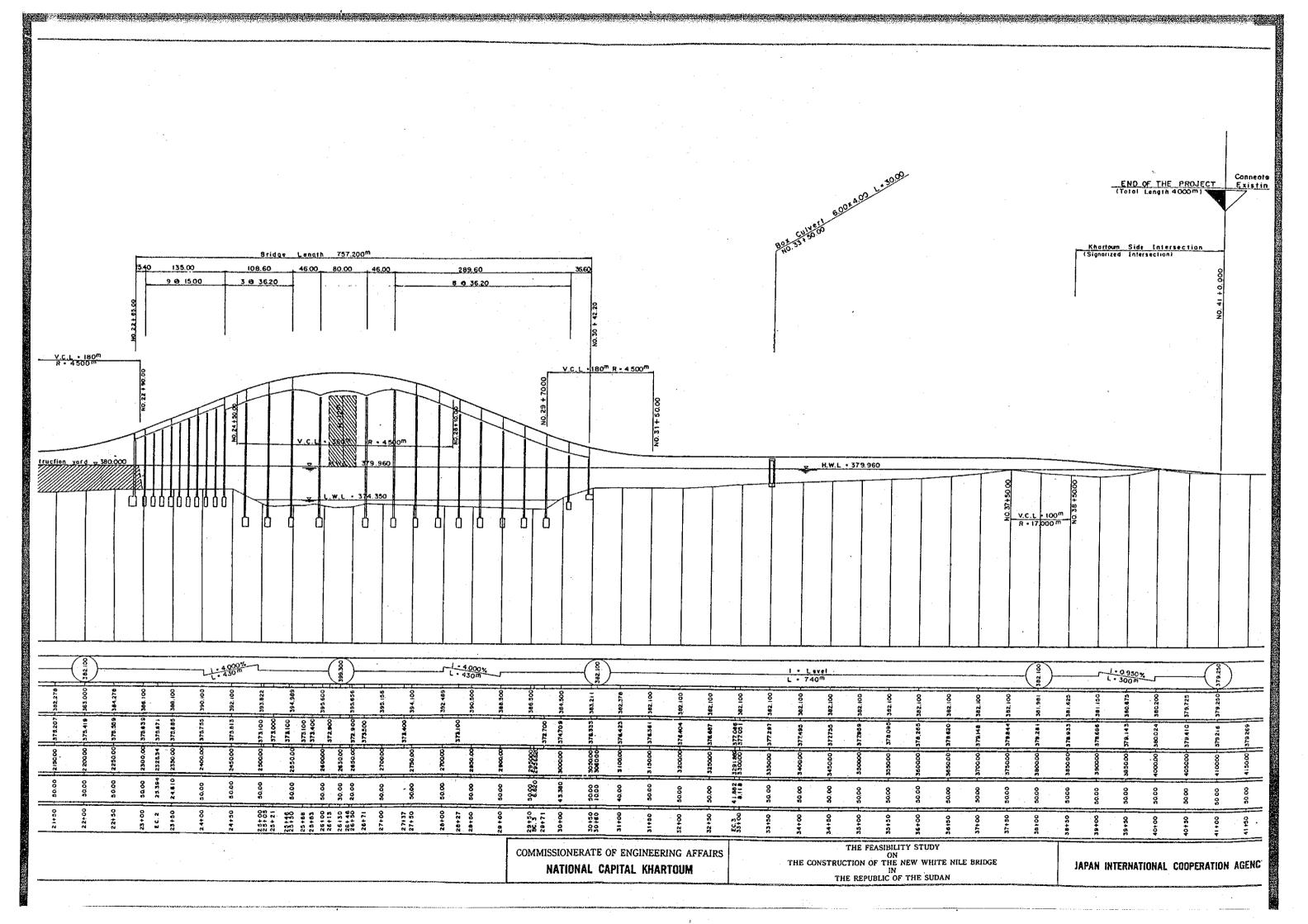


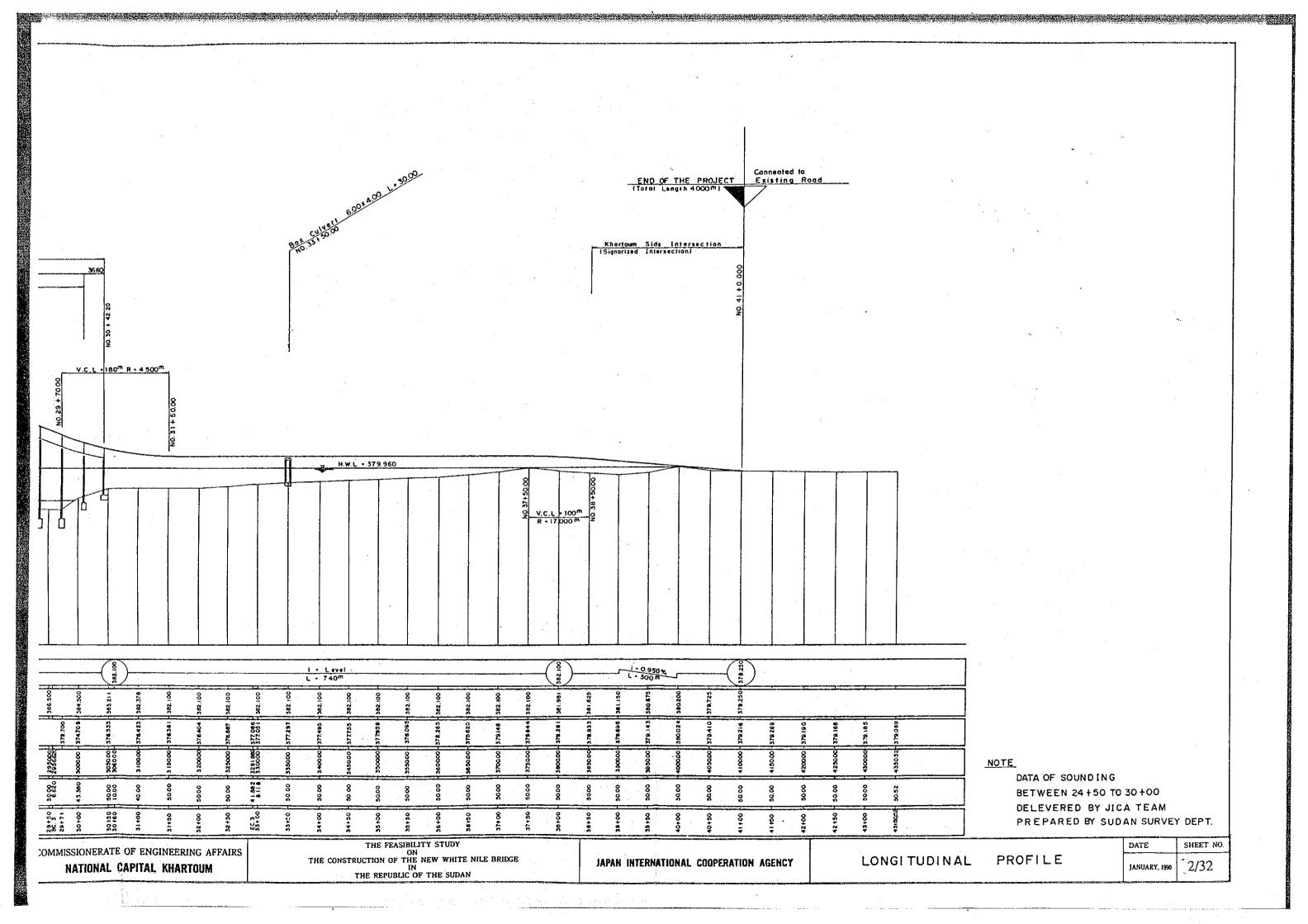












NO.14+50.00 ~ NO.15+50.00 NO.9+5000 ~ NO.14+50.00 2 00 9.50 50 0 50 2 0 3 50 2.00 7.00 NO. +0.00 ~ NO.9+50.00 THE FEASIBILITY STUDY ON THE CONSTRUCTION OF THE NEW WHITE NILE BRIDGE IN THE REPUBLIC OF THE SUDAN COMMISSIONERATE OF ENGINEERING AFFAIRS CROSS - SECTION (1) JAPAN INTERNATIONAL COOPERATION AGENCY NATIONAL CAPITAL KHARTOUM

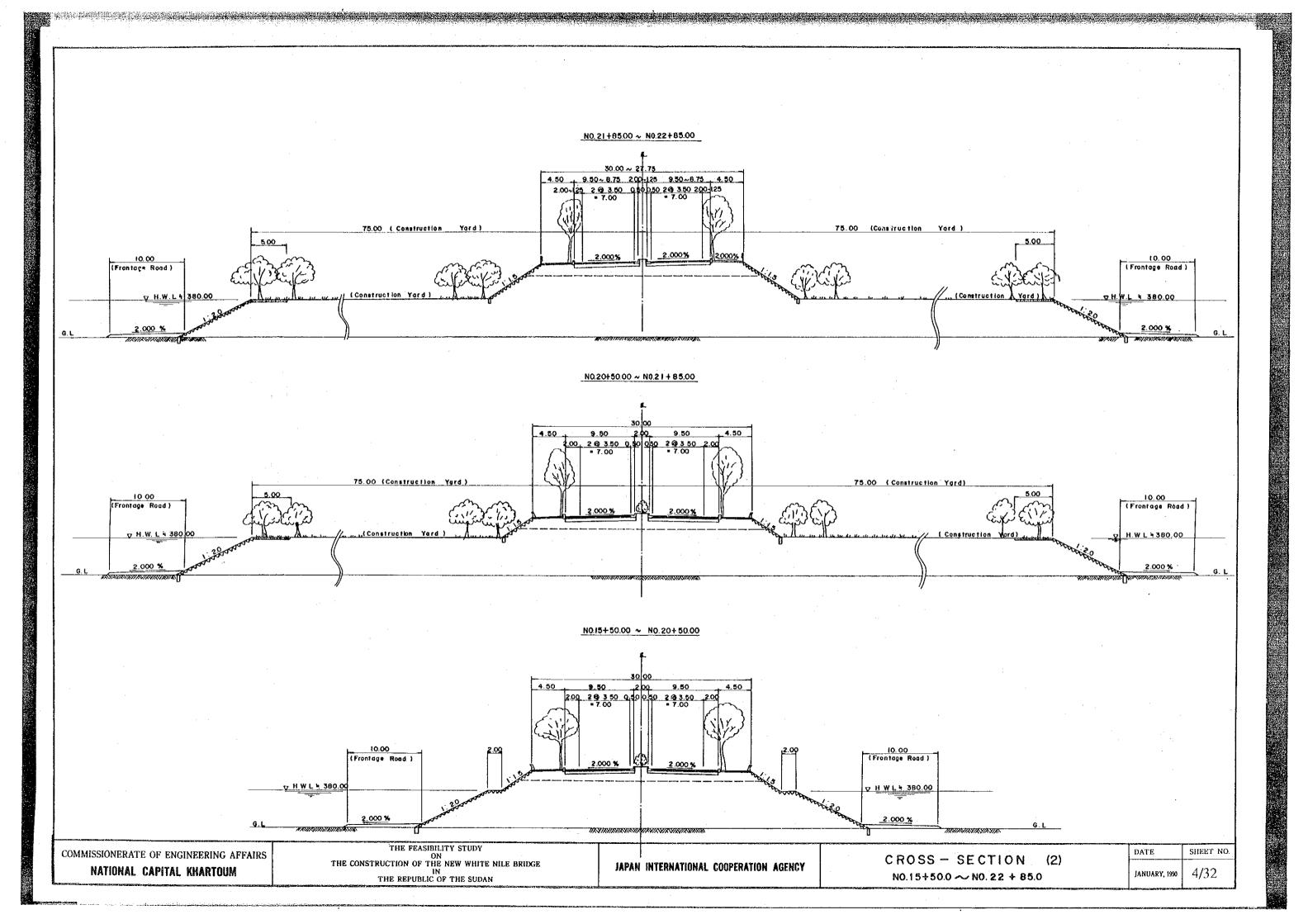
DATE

NO. 1 + 0.00 ~ NO. 15 + 50.0

JANUARY, 1990

SHEET NO.

3/32



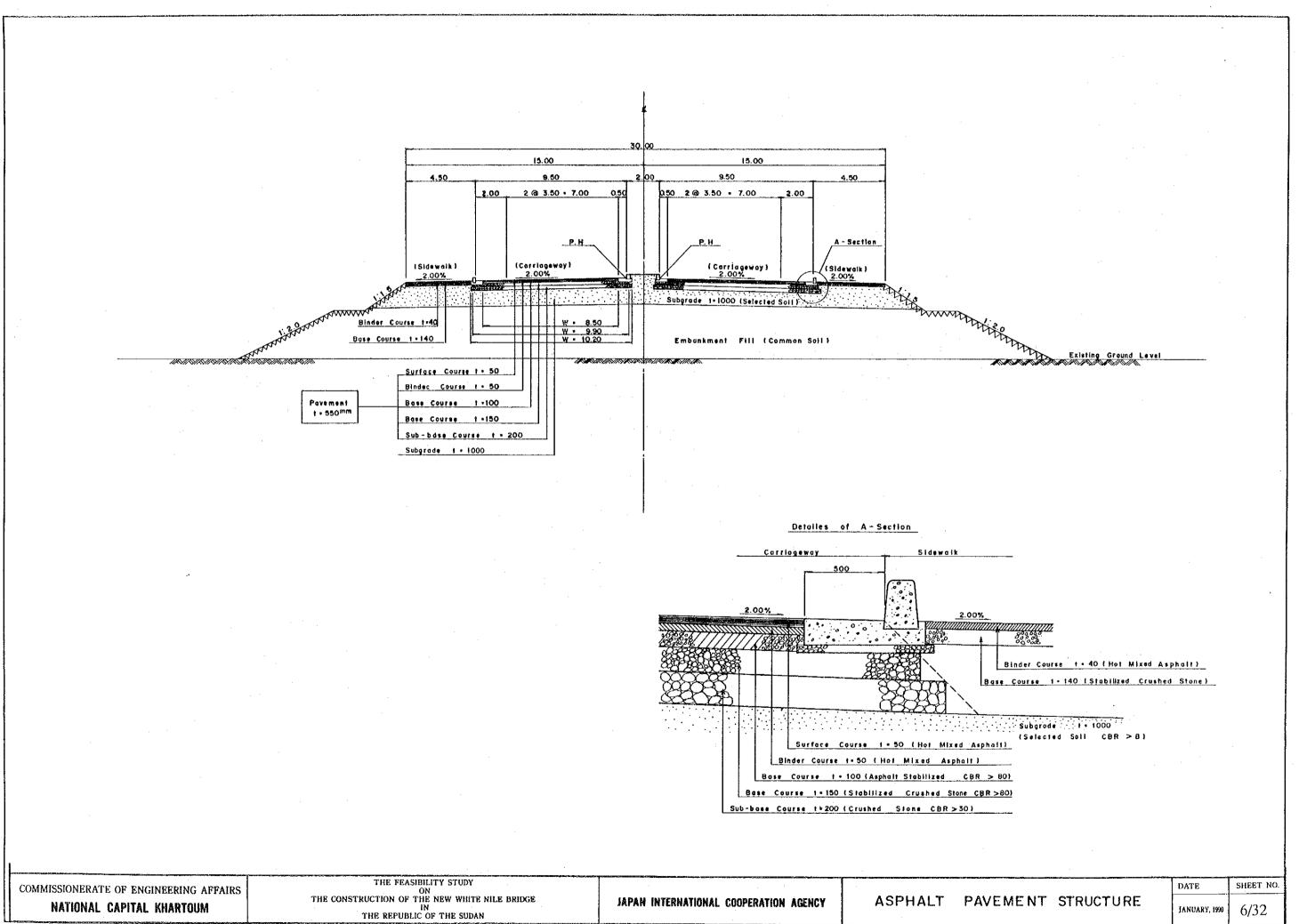
NO.33+4220 ~ NO.40+0.00 2 @ 350 0.50 0.50 2 @ 3.50 2.00 (Frontage Road) (Frontage Road) <u>₩.₩.L ≒ 380.00</u> NO.32+42.20 ~ NO.33 +42.20 0 8.75 ~ 9.50 125 ~ 200 8.75 ~ 9.50 4.50 1.25 ~ 200 2.93.50 0.50 0.50 2.93.50 1.25 ~ 2.00 7.00 7.00 7.00 (Frontage Rord) (Frontage Road) 2.000% NO.22+85.00 ~ NO.32 + 42.20 THE FEASIBILITY STUDY ON THE CONSTRUCTION OF THE NEW WHITE NILE BRIDGE IN THE REPUBLIC OF THE SUDAN COMMISSIONERATE OF ENGINEERING AFFAIRS DATE CROSS - SECTION (3) NATIONAL CAPITAL KHARTOUM JAPAN INTERNATIONAL COOPERATION AGENCY

SHEET NO.

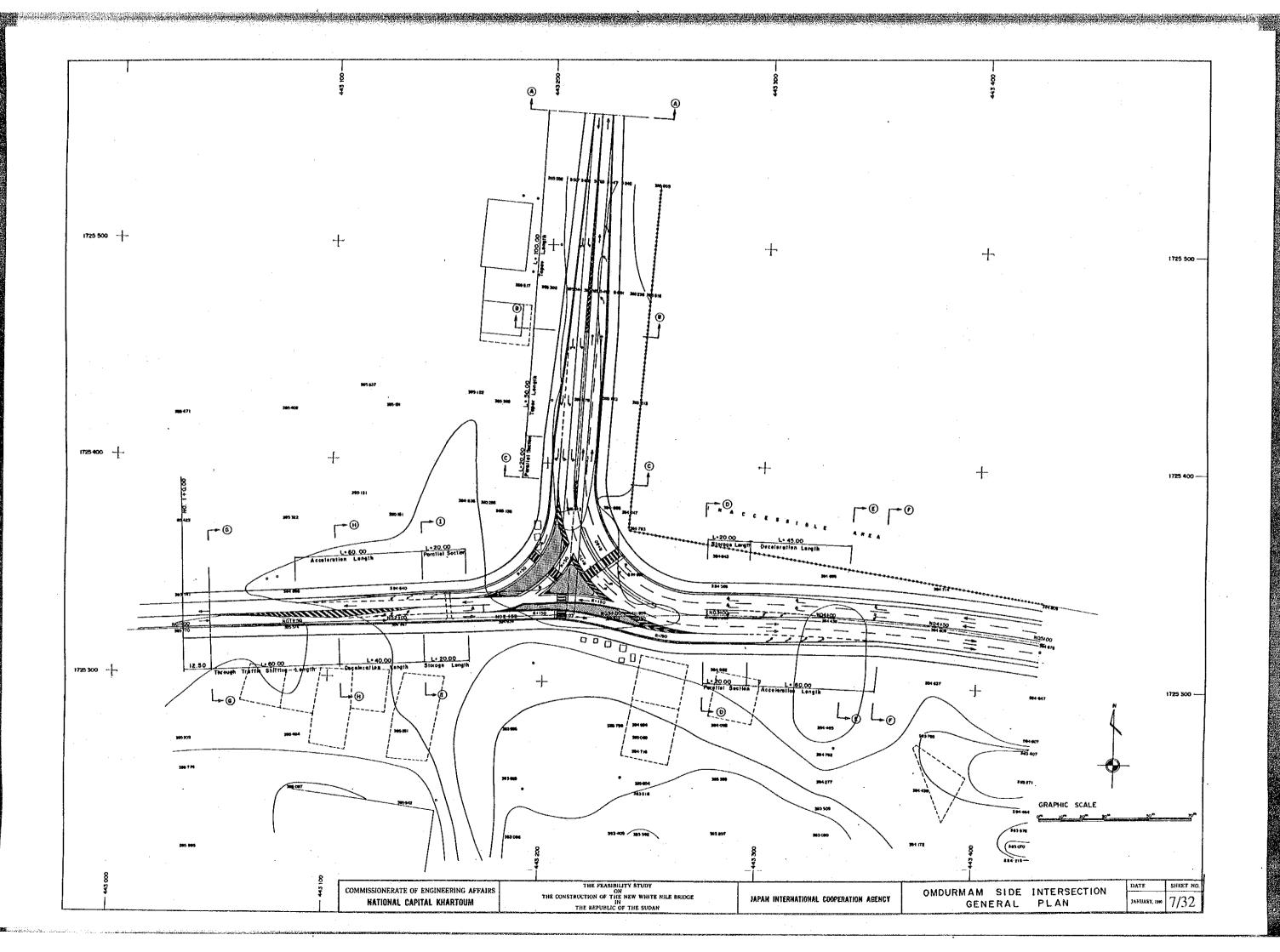
5/32

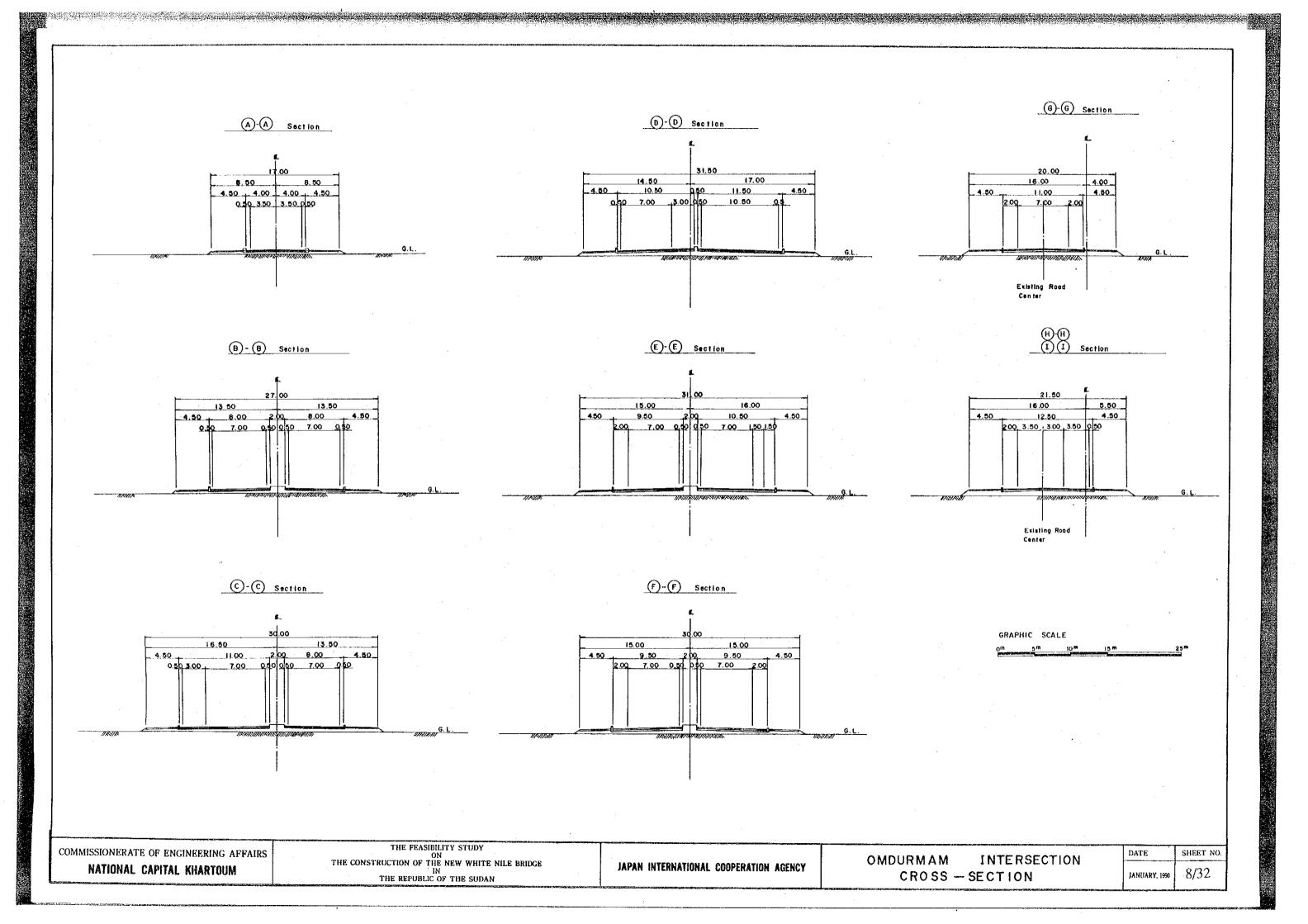
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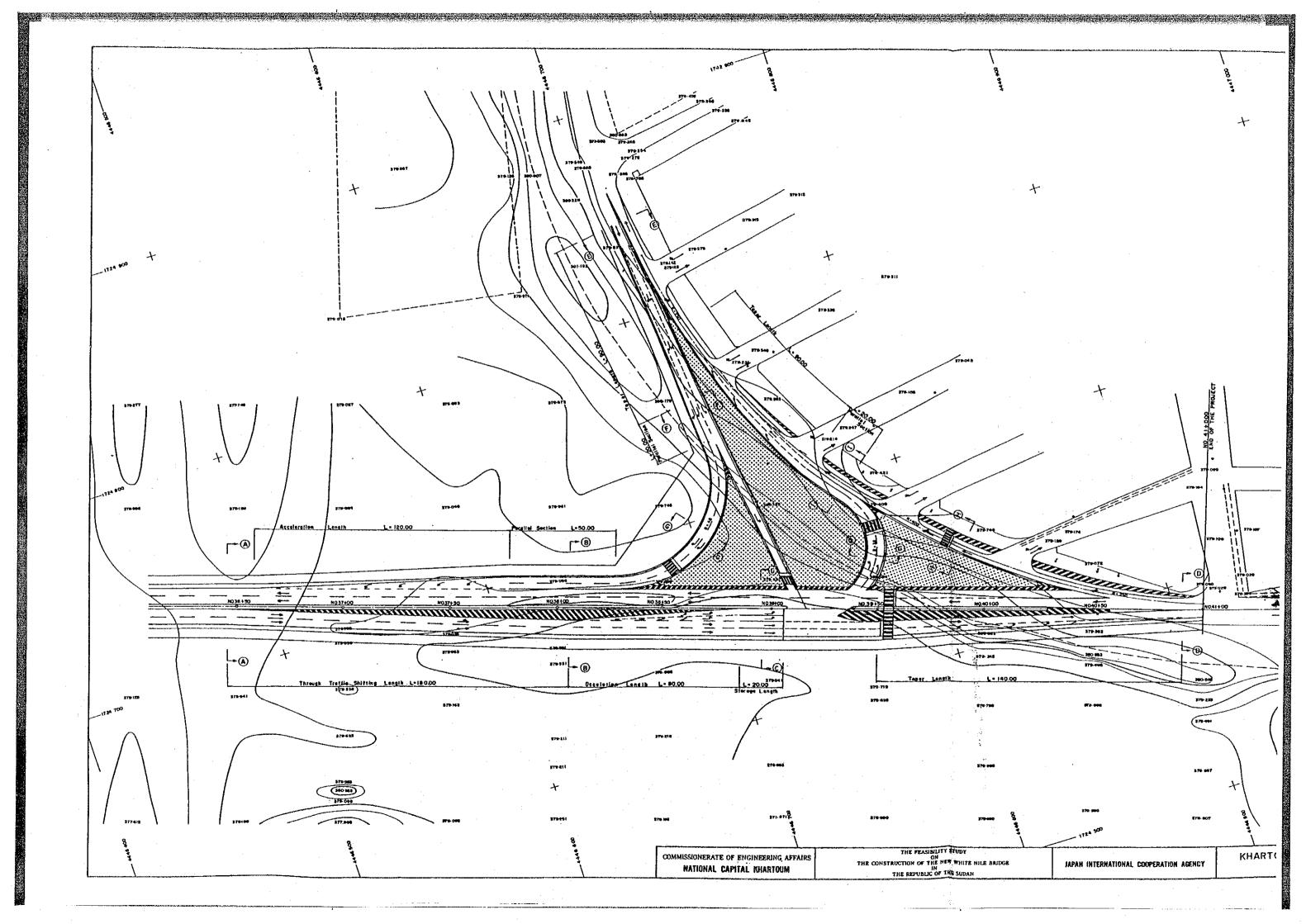
NO.22+85.0 ~ NO.40 + 0.00

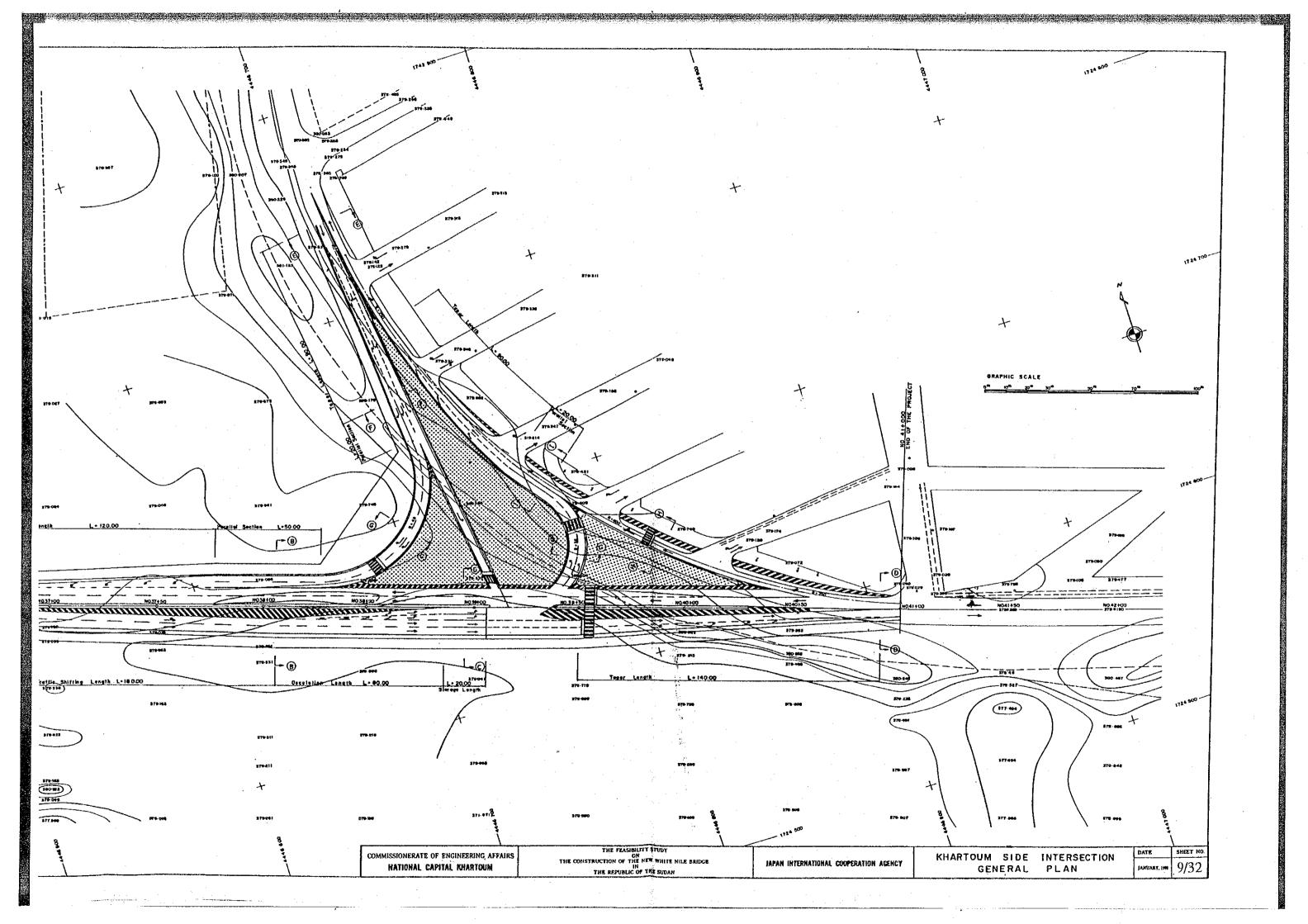


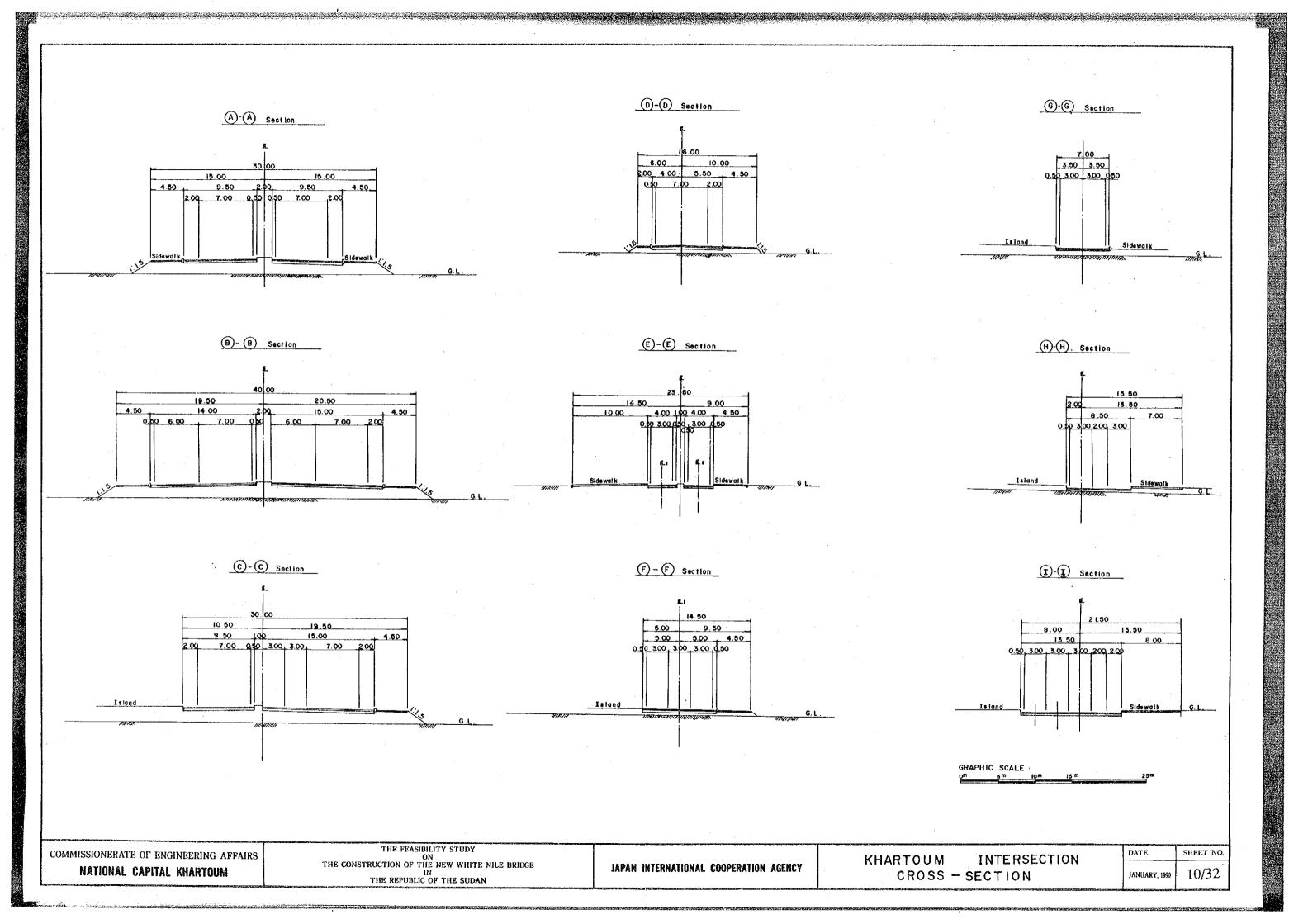
JANUARY, 1990 6/32











Detailes of Wave Protection Detailes of Central Riserve S+1:20 Corriagevery Detailes of Drainage W+0.30 S+1:10 Detailes of Open Channel S+1:40

Detailes of Curb Stone S-1:10

750

500
200 50
(Shoulder)
10 180 to Cement Concrete

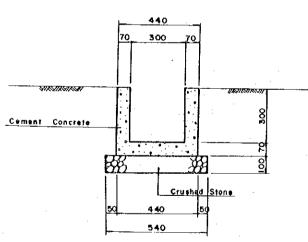
Corriageway

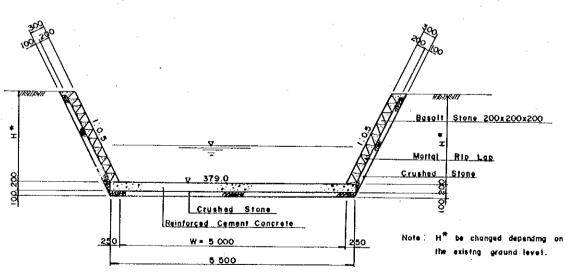
2.000 %
Sidewalk

Cryshed Stone

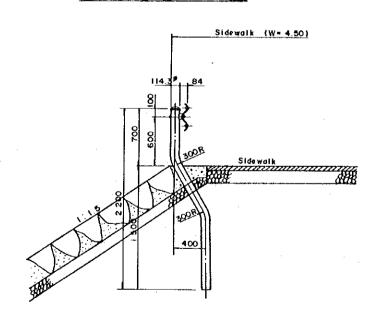
50
750
850

Coment Concrete





Detailes of Guardrail



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DETAILES OF ROAD RELATED FACILITIES (1)

JANUARY, 1990 11/32

