JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) GOVERNMENT OF SOUTHERN SUDAN

JUBA URBAN TRANSPORT INFRASTRUCTURE AND CAPACITY DEVELOPMENT STUDY IN THE SOUTHERN SUDAN

FINAL REPORT (4)

DRAWINGS

JULY 2010

CTI ENGINEERING INTERNATIONAL CO., LTD. YACHIYO ENGINEERING CO., LTD.

DRAWINGS

GOVERNMENT OF SOUTHERN SUDAN MINISTRY OF PHYSICAL INFRASTRUCTURE CENTRAL EQUATORIA STATE

JUBA URBAN TRANSPORT INFRASTRUCTURE AND CAPACITY DEVELOPMENT STUDY IN THE SOUTHERN SUDAN

DESIGN DRAWINGS

July, 2010

CTI ENGINEERING INTERNATIONAL CO.,LTD.
YACHIYO ENGINEERING CO.,LTD.

LIST OF DRAWINGS & PROJECT LOCATION MAP

Circumferential Street CS-A (LOLOGO)	Circumferential Street C3	Circumferential Street C2	3. TYPICAL PLAN OF DRAINAGE		Collector Street CS-B (Nyakuron)	Circumferential Street C3 Collector Street CS-A (Lologo)	Circumferential Street C2	2. PLAN & PROFILE		1. TYPICAL CROSS SECTION
PDA-1	PD3-1	PD2-1			PLB-1 to 3	PL3-1 to 14 PLA-1 to 5	PL2-1 to 10			CS-1 to 3
		General Drawing of Traffic Signal	Standard Pavement Marking Traffic Signal	Cross Roads and House Access	Bus Bay	Details of Median Drainage	Details of Catch Basin and L Shape Gutter & Grating Cover	Details of Green Belt & Sidewalk and Verge Block	Typical Plan of Intersections	5. STANDARD DETAILS
		G-7	G-6	G-5	G-4	G-3	G-2	G-1	PI-1-2	

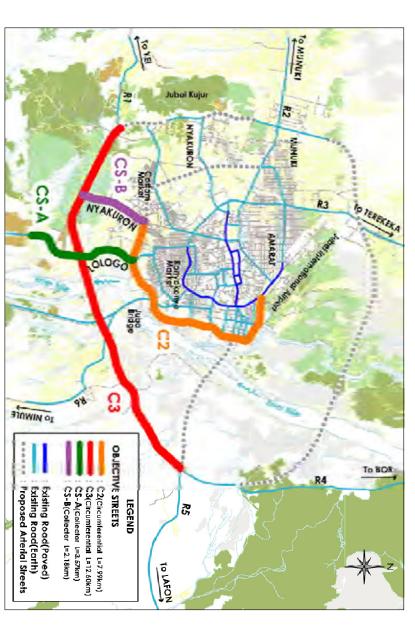
4. BRIDGE & CULVERTS

Circumferential Street CS-B (NYAKURON)

PDB-1

Typical Box Culvert for Collector Roads CSA & CSB	Typical Box Culvert for Areterial Roads C2 & C3	Typical Bridge For Lenght 20m	Typical Bridge For Length 30m	Typical Bridge For Lenght 35m	Typical Bridge For Length 50m	FULL BRIDGE FOR C3-B3	FULL BRIDGE FOR C2-B1	C3 Nile River Bridge CROSSING	
CL-2	CL-1	BR-7	BR-6	BR-5	BR-4	BR-3	BR-2	BR-1	

PROJECT LOCATION MAP



MINISTRY OF TRANSPORT AND ROADS GOVERNMENT OF SOUTHERN SUDAN MINISTRY OF PHYSICAL INFRASTRUCTURE CENTRAL EQUATORIA STATE

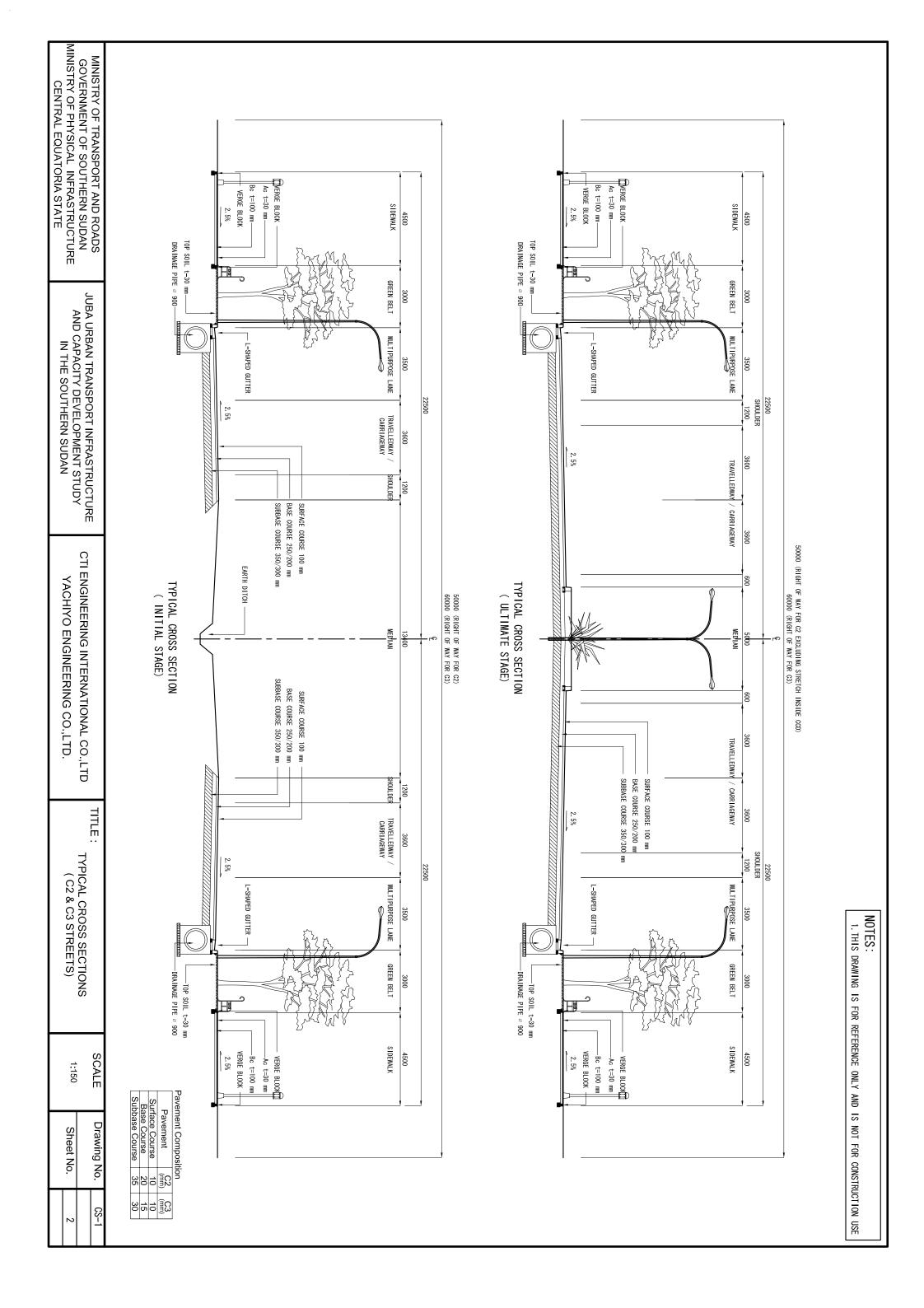
JUBA URBAN TRANSPORT INFRASTRUCTURE AND CAPACITY DEVELOPMENT STUDY IN THE SOUTHERN SUDAN

CTI ENGINEERING INTERNATIONAL CO.,LTD YACHIYO ENGINEERING CO.,LTD.

TITLE

PROJECT LOCATION MAP LIST OF DRAWINGS

NOT TO SCALE SCALE Drawing No. Sheet No. <u>-</u>



MINISTRY OF TRANSPORT AND ROADS GOVERNMENT OF SOUTHERN SUDAN MINISTRY OF PHYSICAL INFRASTRUCTURE CENTRAL EQUATORIA STATE JUBA URBAN TRANSPORT INFRASTRUCTURE AND CAPACITY DEVELOPMENT STUDY IN THE SOUTHERN SUDAN CTI ENGINEERING INTERNATIONAL CO.,LTD YACHIYO ENGINEERING CO.,LTD. TITLE: TYPICAL CROSS SECTIONS (C2 STREET INSIDE CCD AREA)

Bc t=100 mm -VERGE BLOCK -

L-SHAPED GUTTER

L-SHAPED GUTTER

— Bc t=100 mm — VERGE BLOCK -Ac t=30 mm

2.5%

SUBBASE COURSE 350 mm —

SURFACE COURSE 100 mm

TRAVELLEDWAY

CARRIAGEWAY

3600

1500 to 3500 MULTIPURPOSE LANE

3000 to 4000 SIDEWALK

8100 to 11100

BASE COURSE 250 mm

2.5%

DRAINAGE PIPE ∅ 900-

TYPICAL CROSS SECTION (INITIAL STAGE)

-DRAINAGE PIPE ∅ 900

Ac t=30 mm-

3000 to 4000 SIDEWALK

MULTIPURPOSE LANE

8100 to 11100

16200 to 22200 (RIGHT OF WAY)

SCALE Drawing No. Sheet No.

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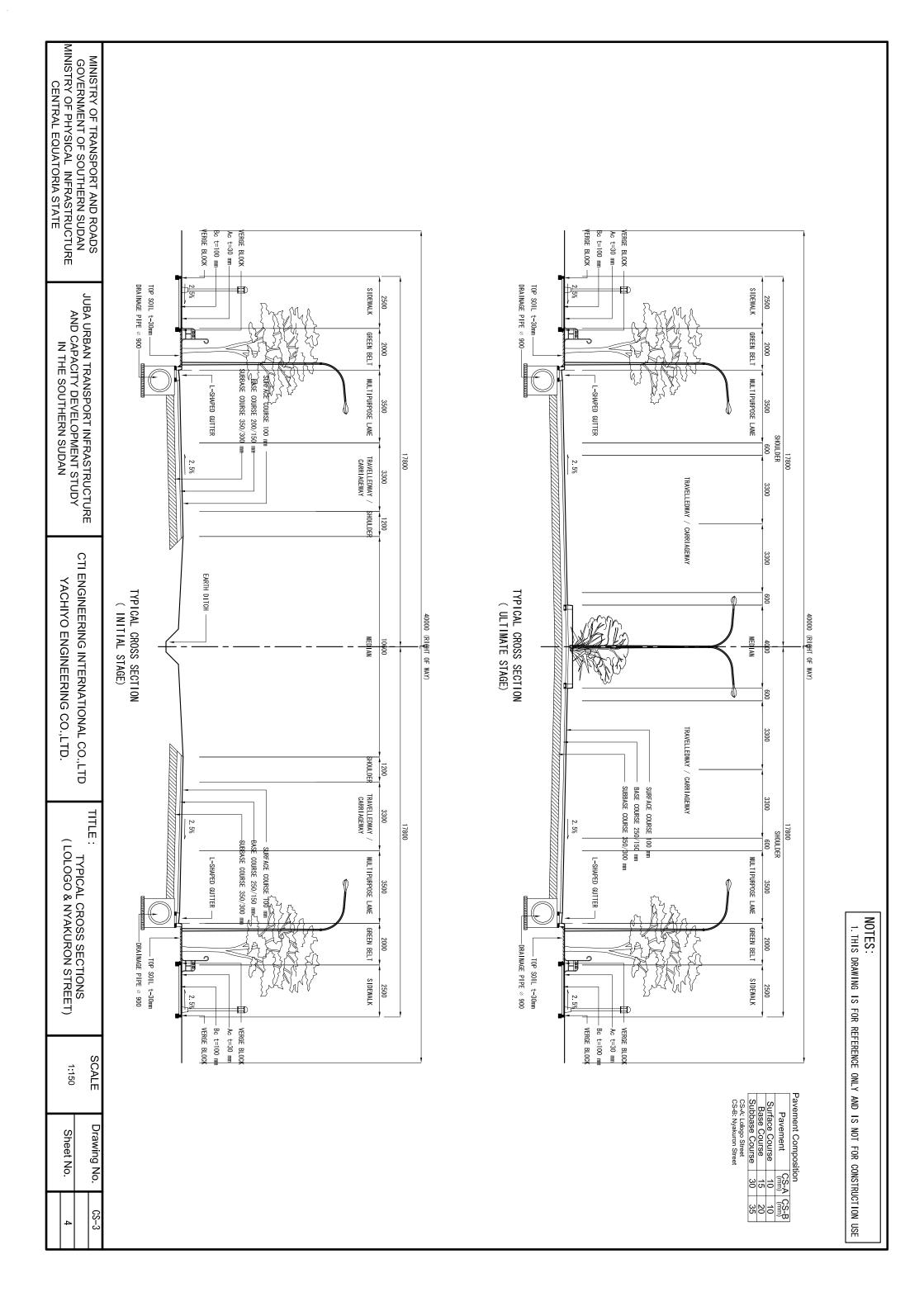
VERGE BLOCK Bc t=100 mm Ac t=30 mm DRAINAGE PIPE Ø 900-850 to SIDEWAL 8100 to 11100 L-SHAPED GUTTER TRAVELLEDWAY 2.5% CARRIAGEWAY SURFACE COURSE 100 SUBBASE COURSE 350 BASE COURSE 250 mm TYPICAL CROSS SECTION (ULTIMATE STAGE) 16200 to 22200 (RIGHT OF WAY) MED AN TRAVELLEDWAY CARRIAGEWAY L-SHAPED GUTTER — 3300 11100 SIDEWALK 2.5% 850 to 3850 DRAINAGE PIPE ∅ 900 -Bc t=100 mm VERGE BLOCK Ac t=30 mm

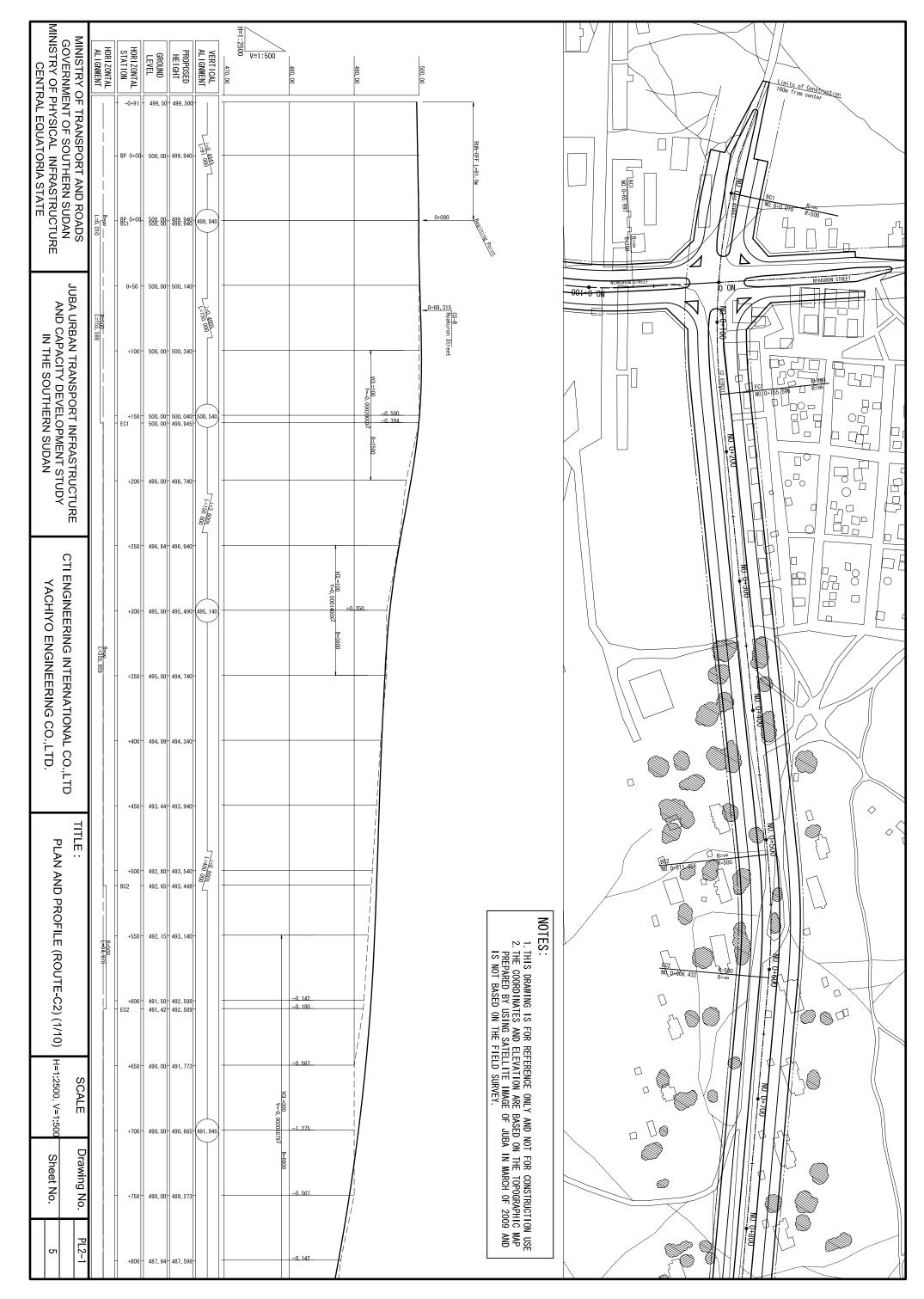
Subbase Course	Base Course	Surface Course	Pavement	Pavement Composition
ဌာ	20	10	C2 (mm)	ion
30	15	10	C3 (mm)	

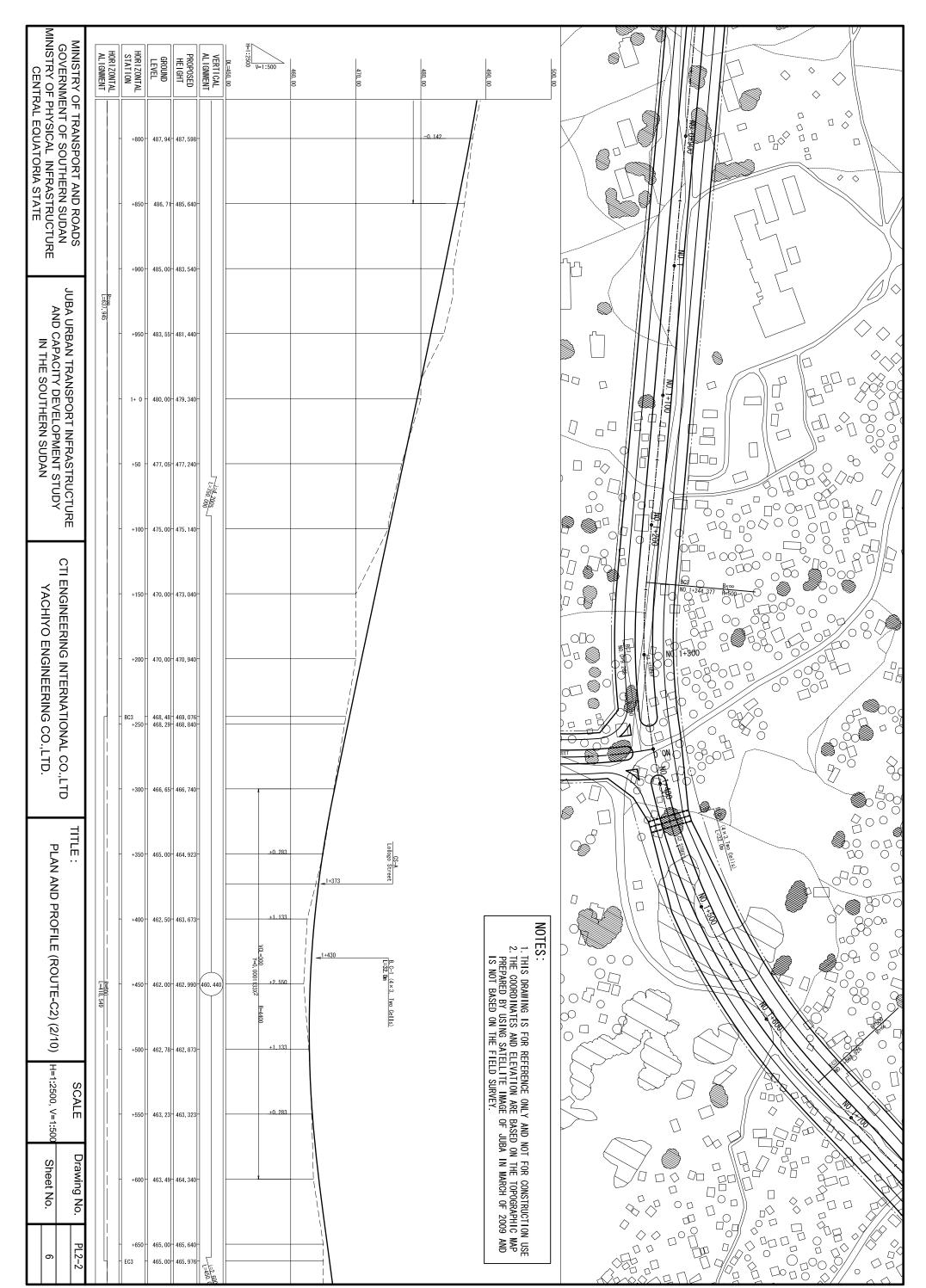
NOTES:

1. THIS DRAWING

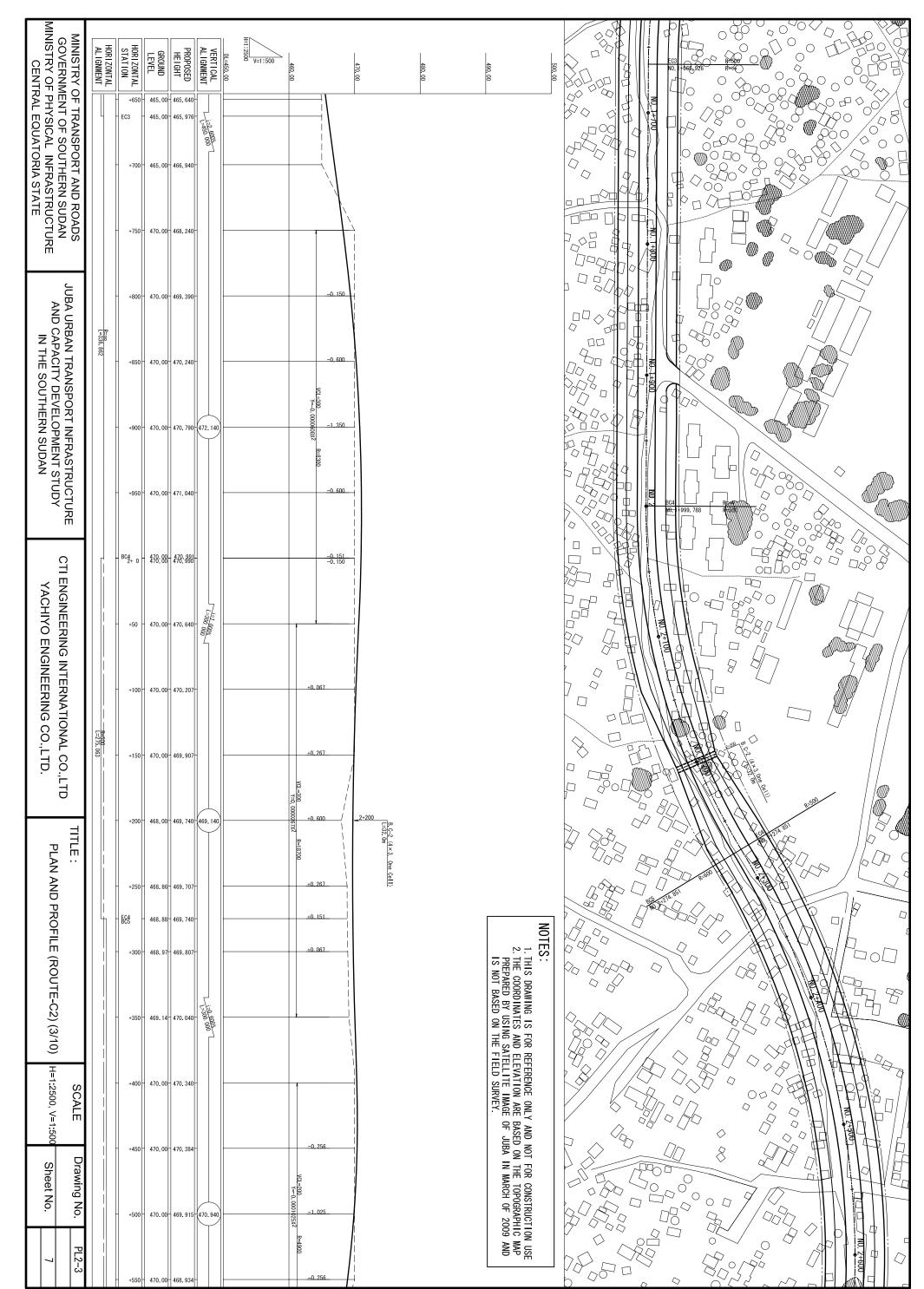
IS FOR REFERENCE ONLY AND IS NOT FOR CONSTRUCTION USE

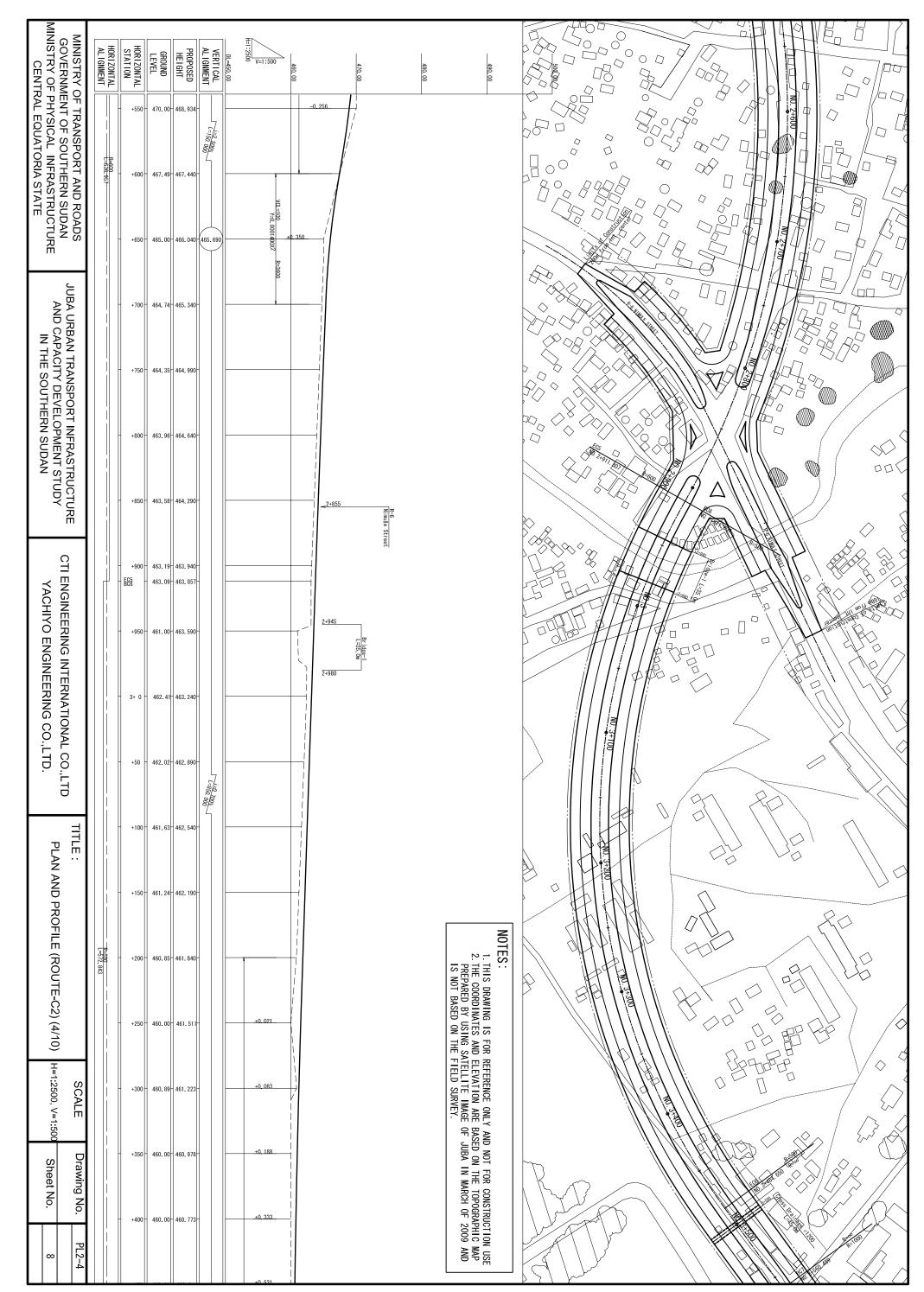






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