

			······					
CONTINUE I OM TE	INE 30.00 KEN , WHITE LANE LINE UNBROKEN , WHITE IT RAMP IT R	W3-1 Hanne Line Jomm X 30 4, Som GAP, V	1300 1300 W2-8 W2-8 W2-8 W2-8 W2-8		1	R1-1A R3-15 -5(1) W4-2(R)	¥2-9	R
SA SA ANE LINE JOIN OF SET SA	R3-66 							
JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS KATAHIRA & ENGINEERS	S     LUNA     PJHL - PMC       O     S     OSE     Submitted By:     Ren       C     S     OSE     Submitted By:     Ren	BUREAU OF E	DESIGN	PPINES SAND HIGHWAYS Office OF The Recommended By: (Swe cover sheet for Signature) MANUEL M. BONDAN Underwert for		ALONG THE PAN (Plaridel, Cabanatuar	DESIGN STUDY ON BRBAN HIGHWAY SYSTEM -PHILIPPINE HIGHWAY 1 and San Jose Bypasses) CONTRACT PACKAGE IV	SCALE

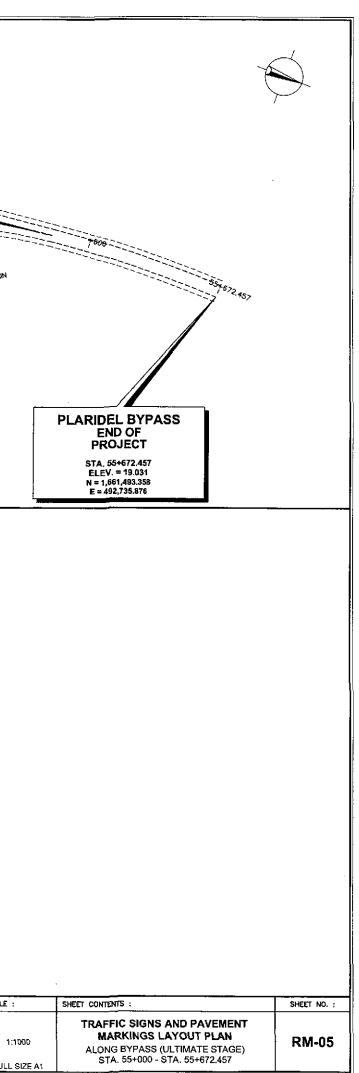
.

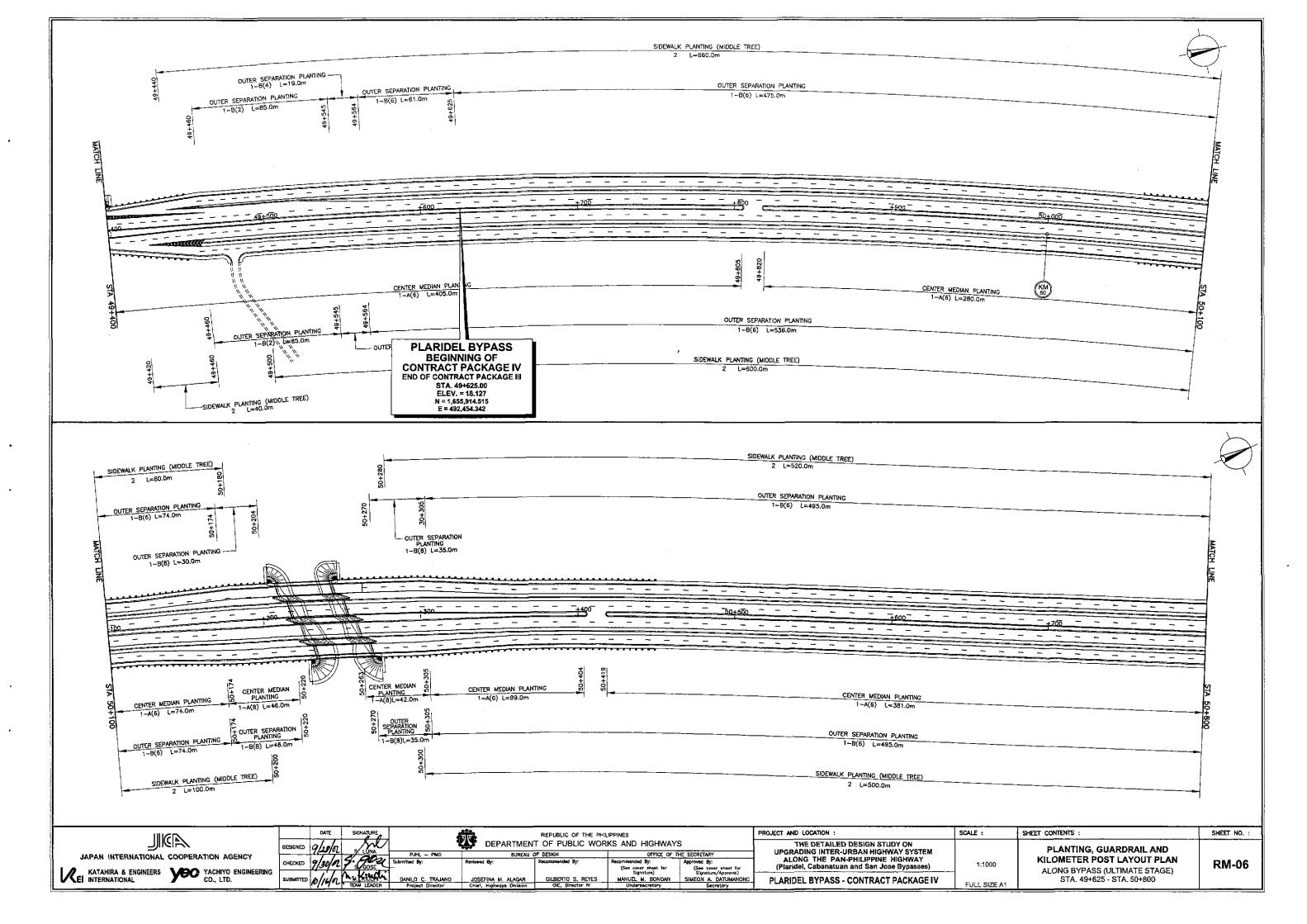
.

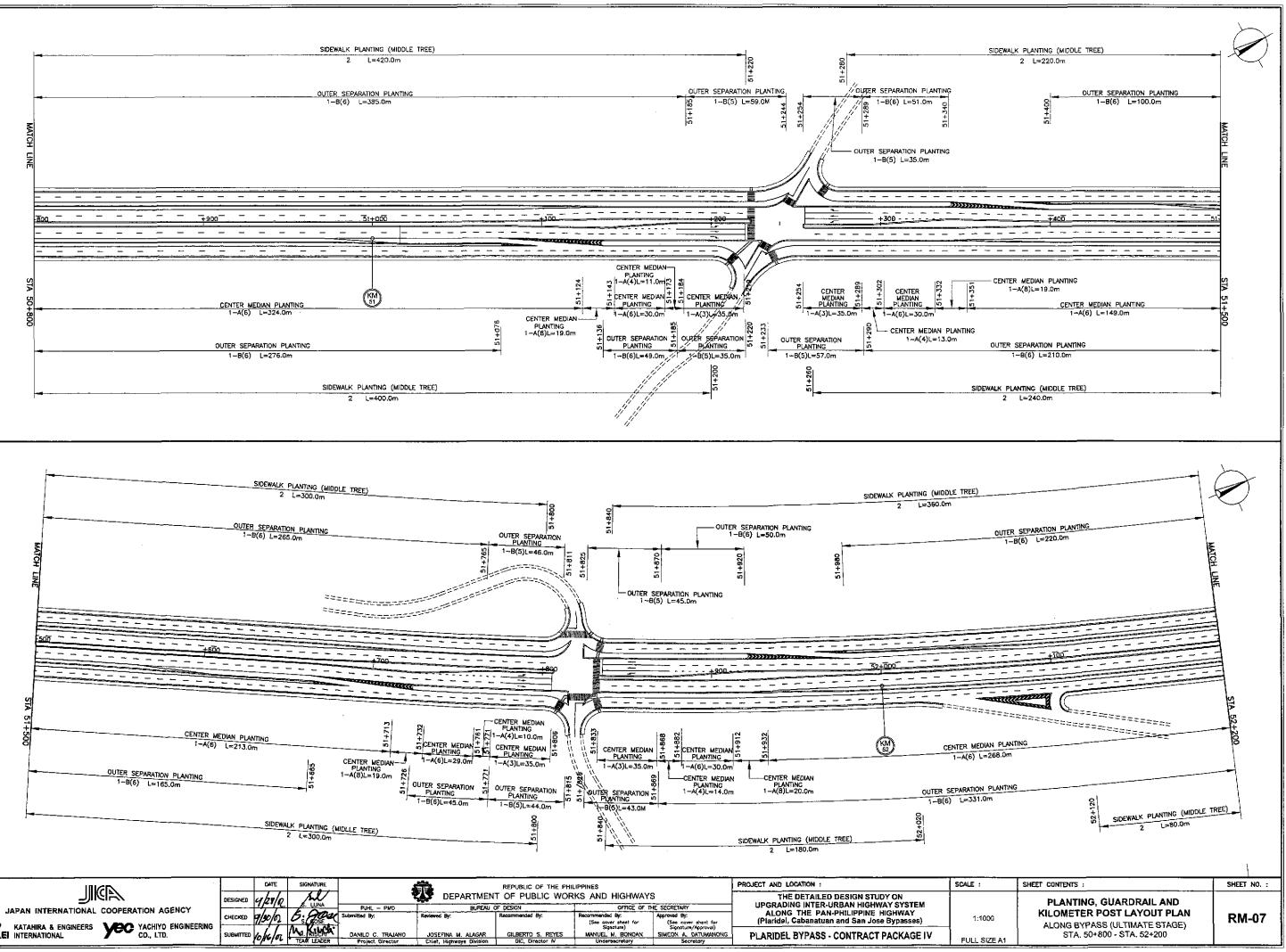
.

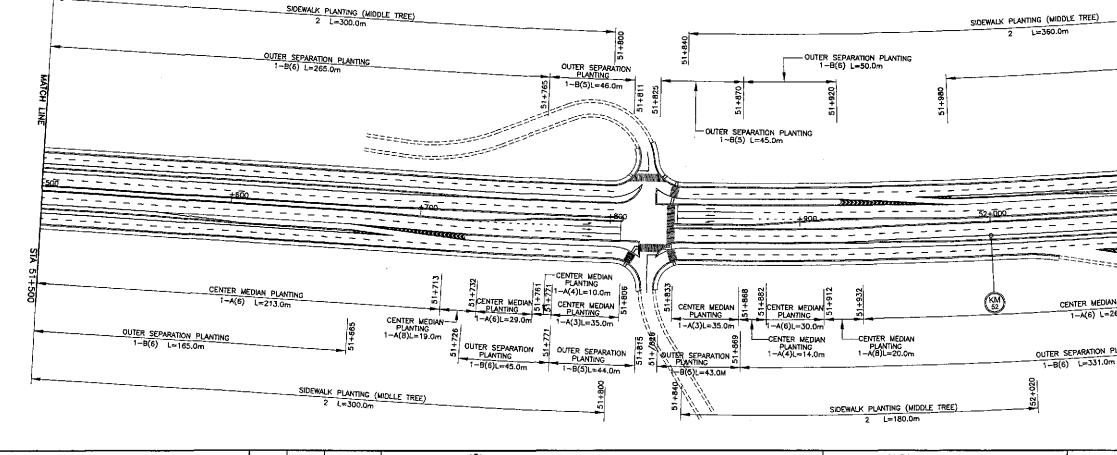
ĸ

•

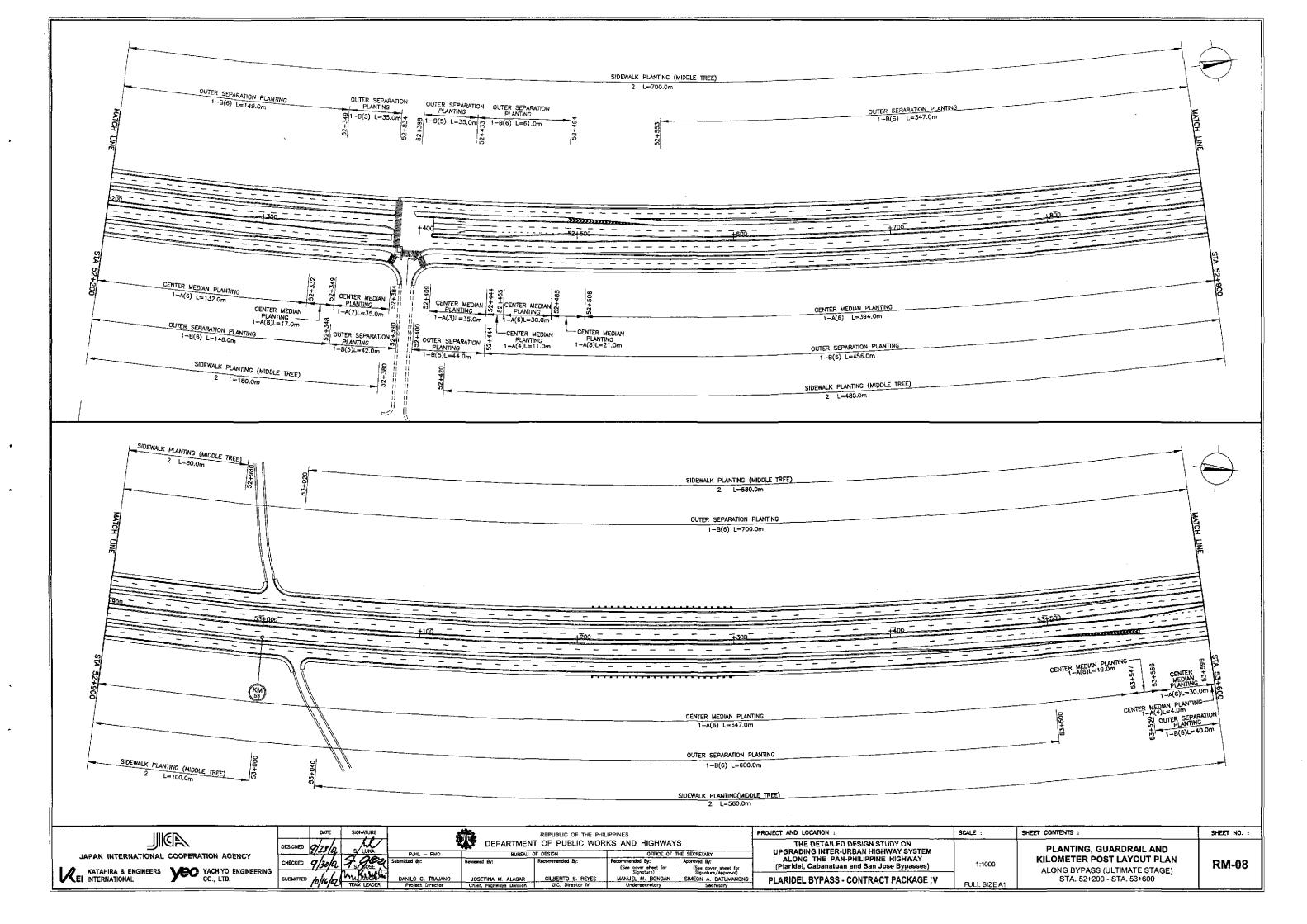


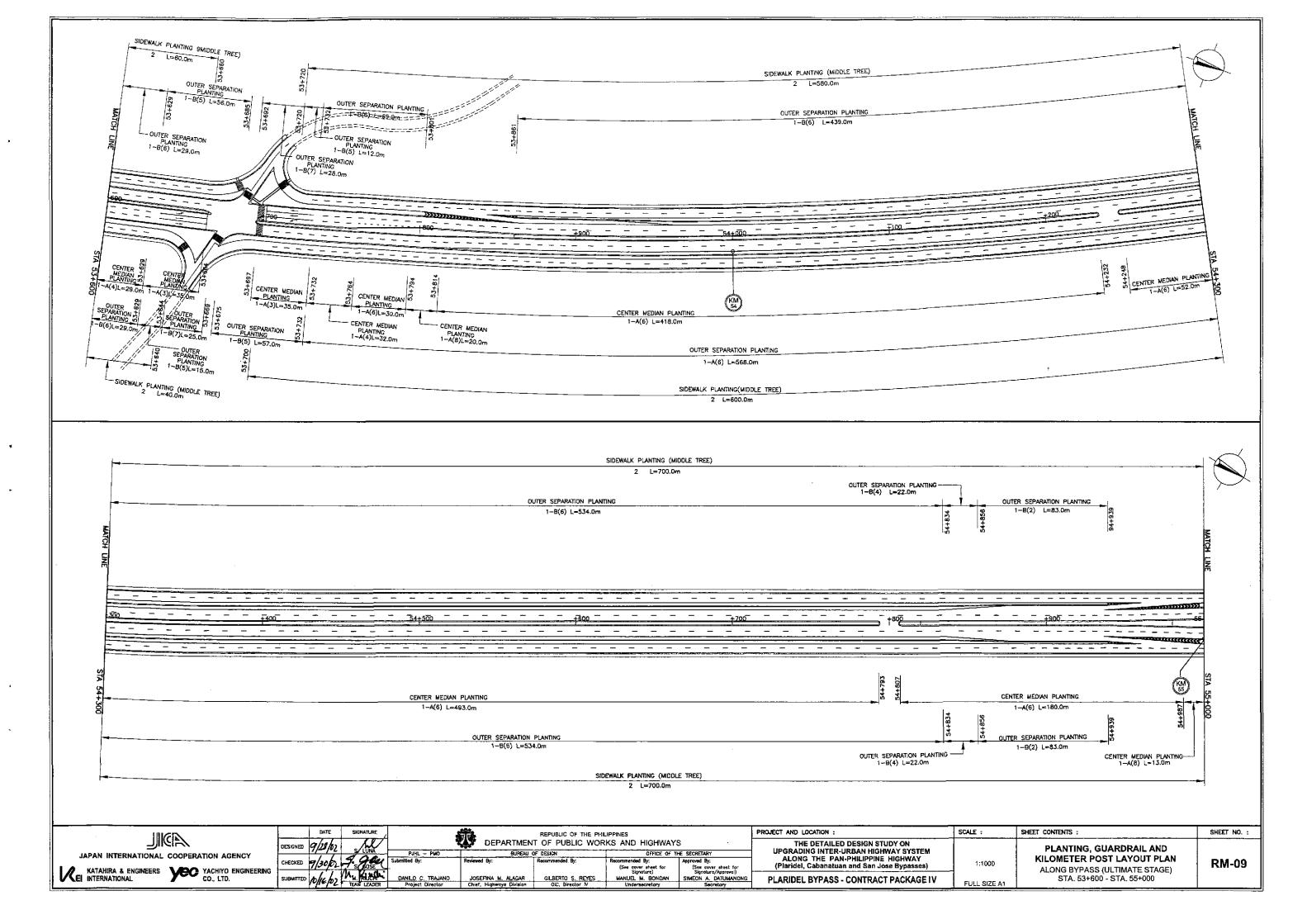






	ING		DATE	SIGNATURE			REPUBLIC OF THE PHI	LIPPINES		PROJECT AND LOCATION :	SCALE :
	JICA	DESIGNED	4/28/0	, NU	4	DEPARTMEN	T OF PUBLIC WOR	KS AND HIGHWAY	S	THE DETAILED DESIGN STUDY ON	1
IADAN INTERNATIO	AL COOPERATION AGENCY		17-17	. LUNA	PUHL - PMD	BUREAU	OF DESKIN	OFFICE OF T	HE SECRETARY	UPGRADING INTER-URBAN HIGHWAY SYSTEM	
		CHECKED	alun	15:400	Submitted By:	Reviewed By:	Recommended By:	Recommended By:	Approved By:	ALONG THE PAN-PHILIPPINE HIGHWAY	1:1000
KATAHIRA & ENGINE			1-1-1-1	SLOOSE	*			(See cover sheet for Signature)	(See cover sheet for Signature/Approval)	(Plaridel, Cabanatuan and San Jose Bypasses)	
	CO., LTD.	SUBMITTED	to be los	M. Kilca	DANILO C. TRAJANO	JOSEFINA M. ALAGAR	GILBERTO S. REYES	MANUEL M. BONDAN	SIMEON A. DATUMANONG	PLARIDEL BYPASS - CONTRACT PACKAGE IV	1
		1	10/0/00	TEAM LEADER	Project Director	Chief, Highways Division	DIC, Director N	Undersecretary	Secretary		FULL SIZE A





	New York of the second se			u li	<u> </u>
SIDEWALK PLANTING (MIDDLE TREE)	<				
SIDEWALK PLANTING (MIDDLE TREE)					
PLANTING TION					
OUTER SEPARATION PLANTING					Inn
OUTER SEPARATION FLOUTER 1-B(5) L=31.0m CH OUTER SEPARATION PLANTING 1-B(7) L=12.0m					
			55+348 55+375	55+426 55+476 55+476 55+476 55+485 55+485	
900		CENTER MEDIAN PLANTING		55+42 55+43 55+48 55+48 55+48 55+48	
		ng 1-A(v)			ANTING
CENTER MEDIAN PLANTING		LANTING CENTE	R MEDIAN PLANTING A(6) L=27.0m	1-A(B) L=9 0m	ANTING
SI BERM ELENTER MEDINNIS PLANTING	No 10 15.0m 12. 12.11		TER MEDIAN FURT	CENTER MEDIAN PLAN 1-A(7) L=35.0m	ITING
Bit     Ind(4)(=32,000)       Horizontal     Ind(4)(=32,000)       Horizontal     Ind(4)(=30,000)       Ind(6)(=30,000)     Ind(6)(=30,000)			1-A(4) 0 ITER MEDIAN FLANTING 1-A(3) L=35.0m		
OI 100 1-A(4)L=32.0m CENTER MEDIAN CENTER MEDIAN 1-A(6)L=30.0m 0 UTER MEDIAN 1-A(6)L=30.0m 0 UTER MEDIAN 1-B(6)L=68.0m 1-B(5)L=68.0m	Gining     III     OutBlan       =35.0m     III     PLANTING       8     III     PLANTING       11     III-B(7)L≈10.0m	$\frac{1-A(4)}{1-A(3)} \xrightarrow{\text{CENTER MEDIAN PLANTING}} CENTER MEDIAN PLANTING CENTER 1-A(3) L=35.0m$			
SIDEWALK PLANTING (MIDDLE TRE					
SIDEWALA L=100.Um					
			ILIPPINES	PROJECT AND LOCATION :	SCALE :
	PiHL - PMO		RKS AND HIGHWAYS	THE DETAILED DESIGN STUDY ON UPGRADING INTER-URBAN HIGHWAY SYSTEM ALONG THE PAN-PHILIPPINE HIGHWAY	
KATAHIRA & ENGINEERS YOO YACHIYO ENGINEERING CO., LTD.	CHECKED 9/30/01 75. USE Submitted By: SUBMITTED 10/16/02 Min. KINDAR DANLO C. TRAJANO	Reviewed By: JOSEFINA M. ALAGAR GILBERTO S. REYES	Recommended By: Approved By: (See over sheet for Signature) Signature/Approvel) MANUEL M. BONDAN SIMEON A. DATUMANO	(Plaridel, Cabanatuan and San Jose Bypasses)	/ 1:10
	TEAM LEADER Project Director	Chief, Highways Division OIC, Director M	Undersecretory Secretory		FULL S

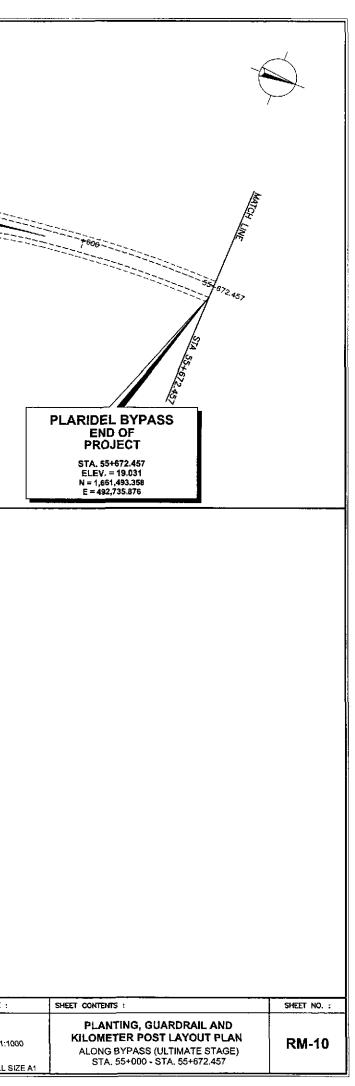
٠

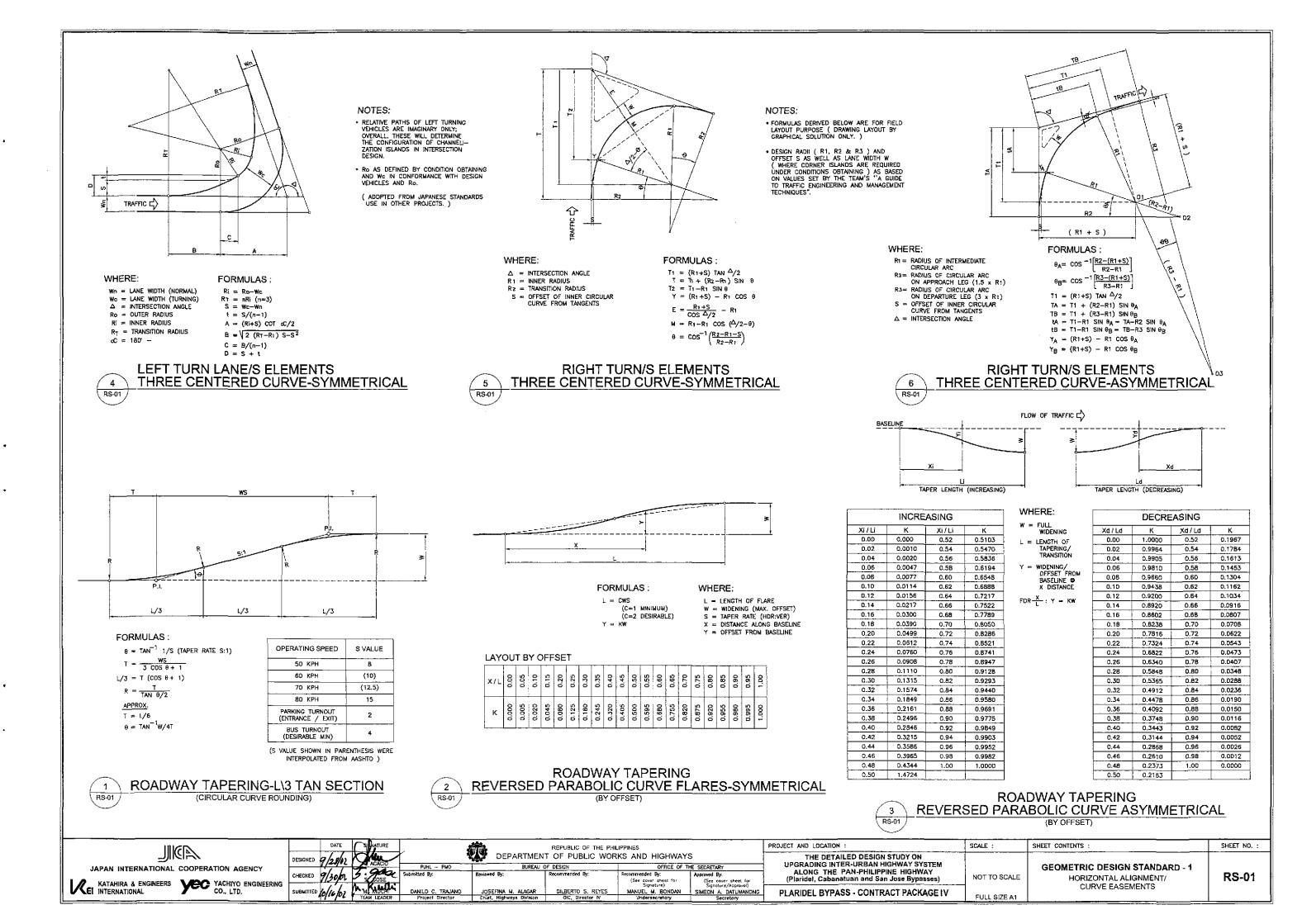
.

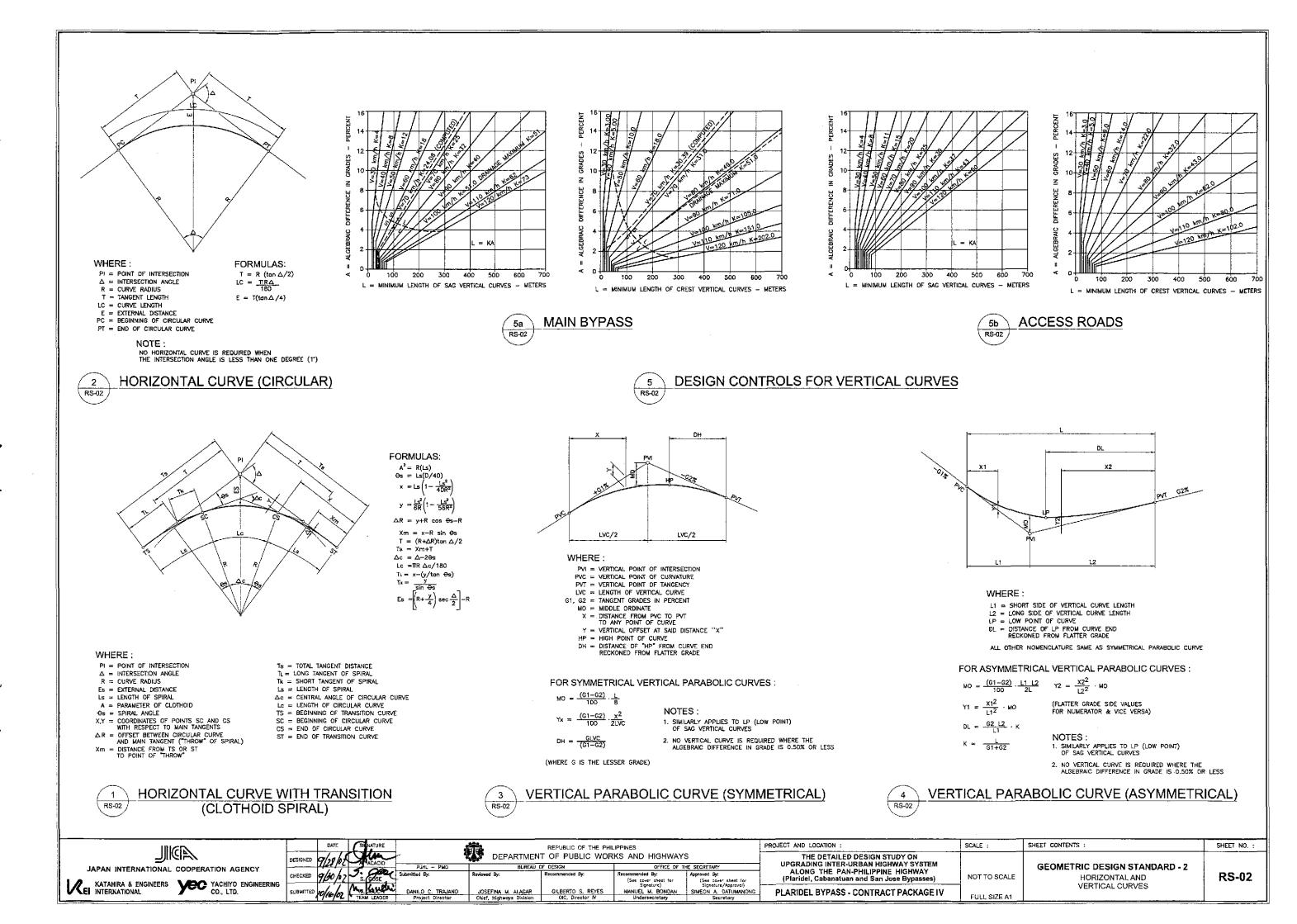
.

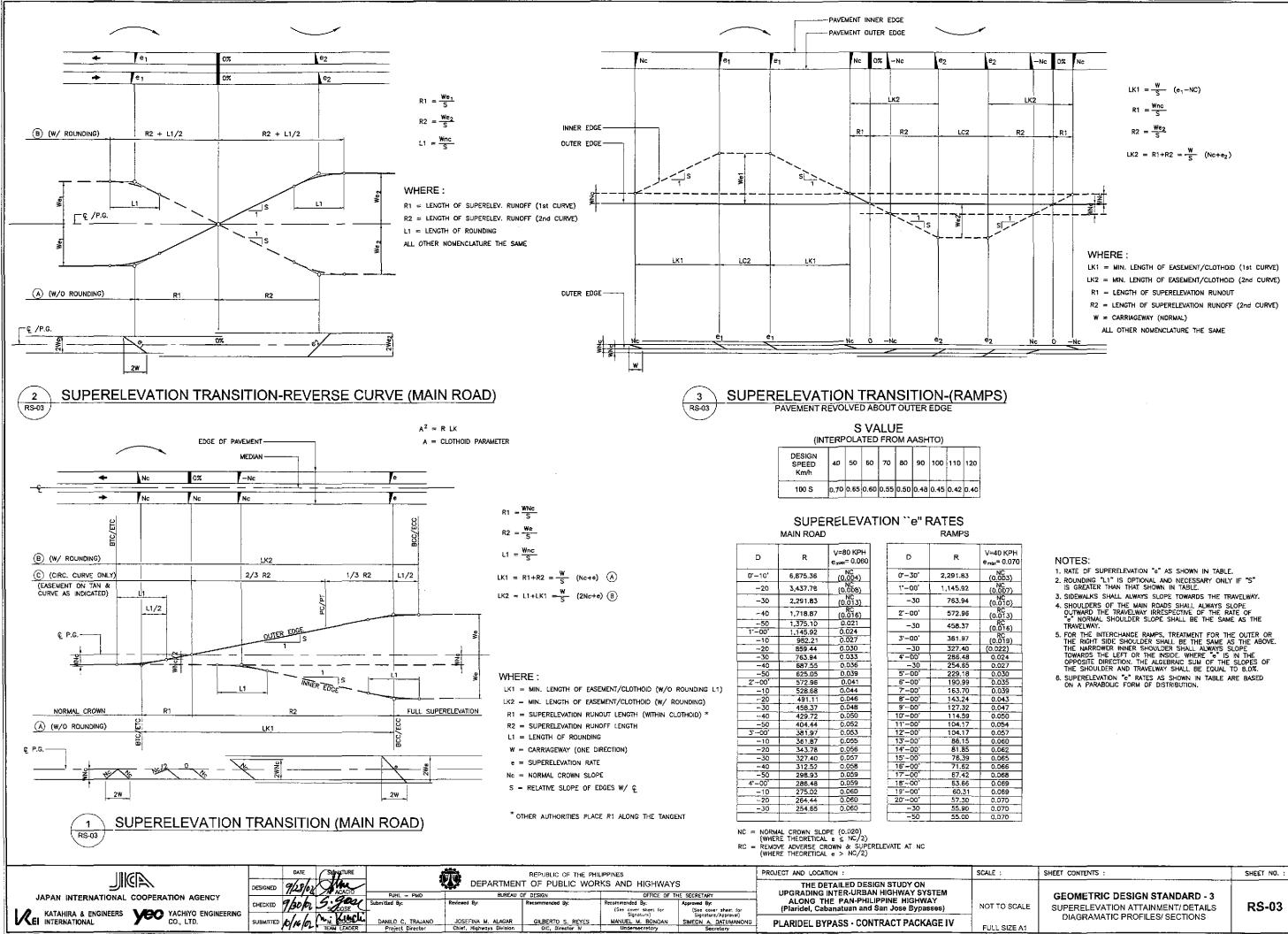
4

.



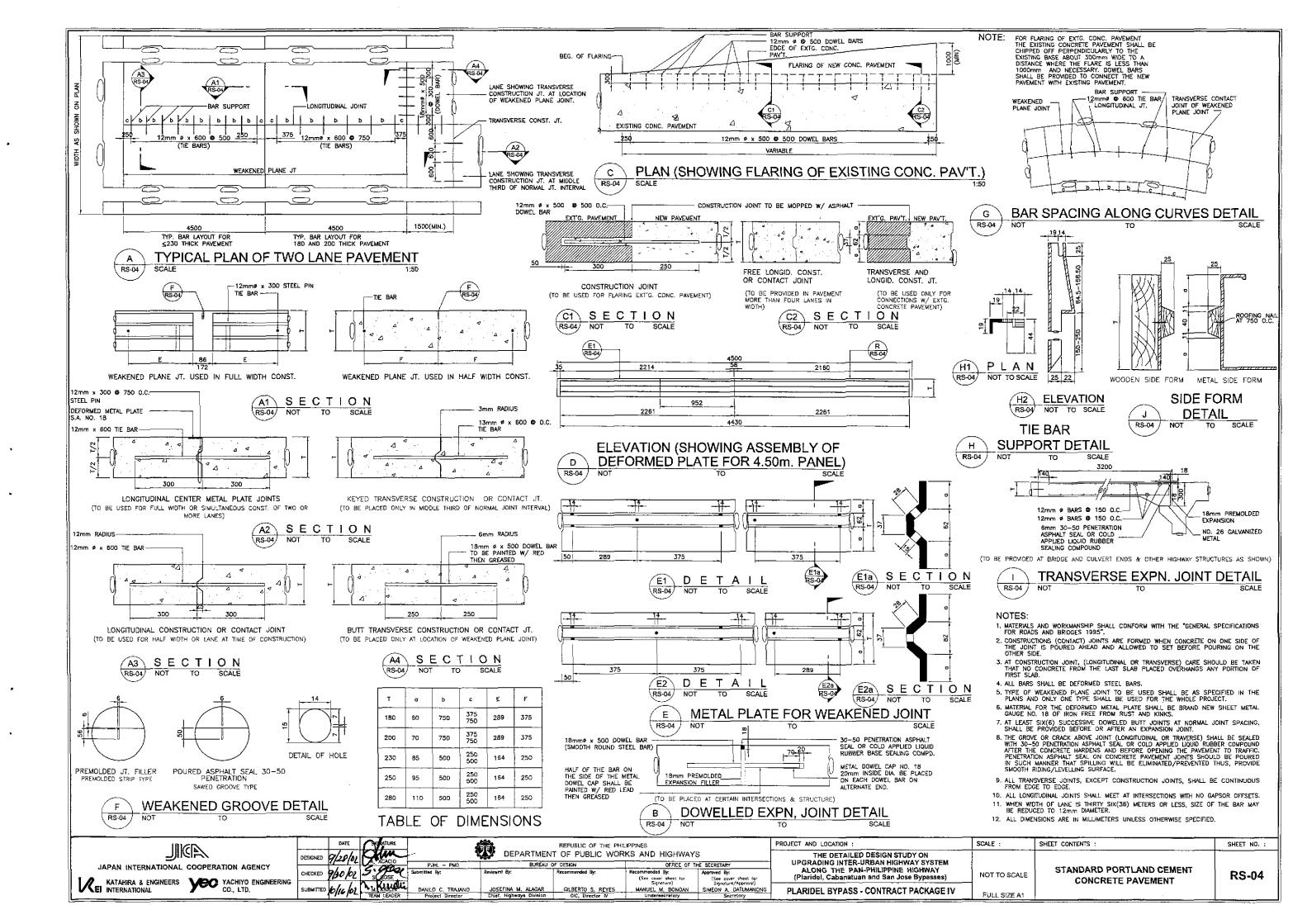


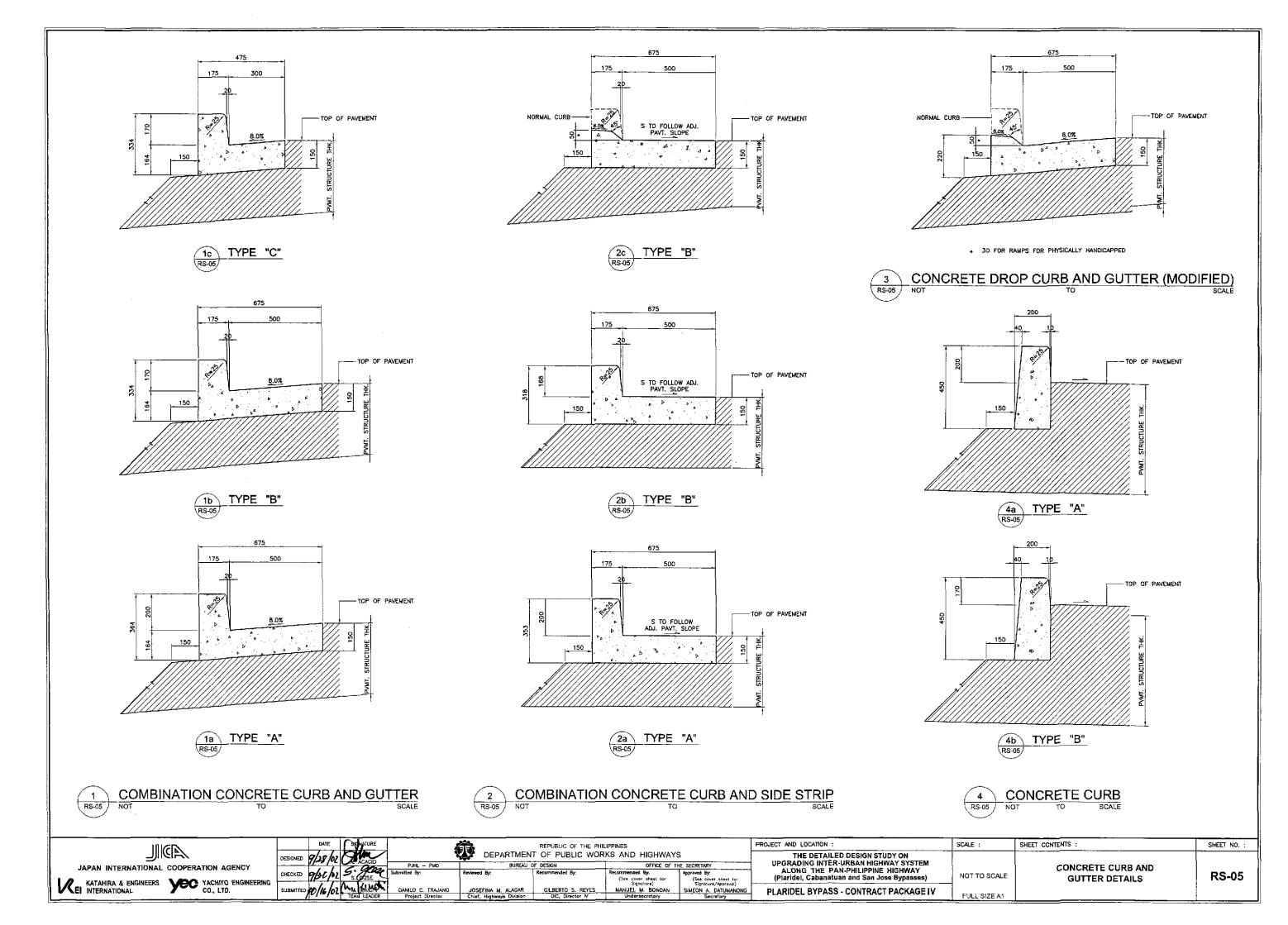




40 KPH	
<sub>×</sub> ≂ 0.070	
NC 0.003>	
NC 0.007)	
NC 0.010)	
RC 0.013)	
RC 0.016)	
RC 0.019)	
.022)	
0.024	
0.027	
0.035	
0.039	
0.047	
0.050 0.054	
0.057	
0.060	
0.062	
0.066	
0.068 0.069	
0.069	
0.070 0.070	
0.070	

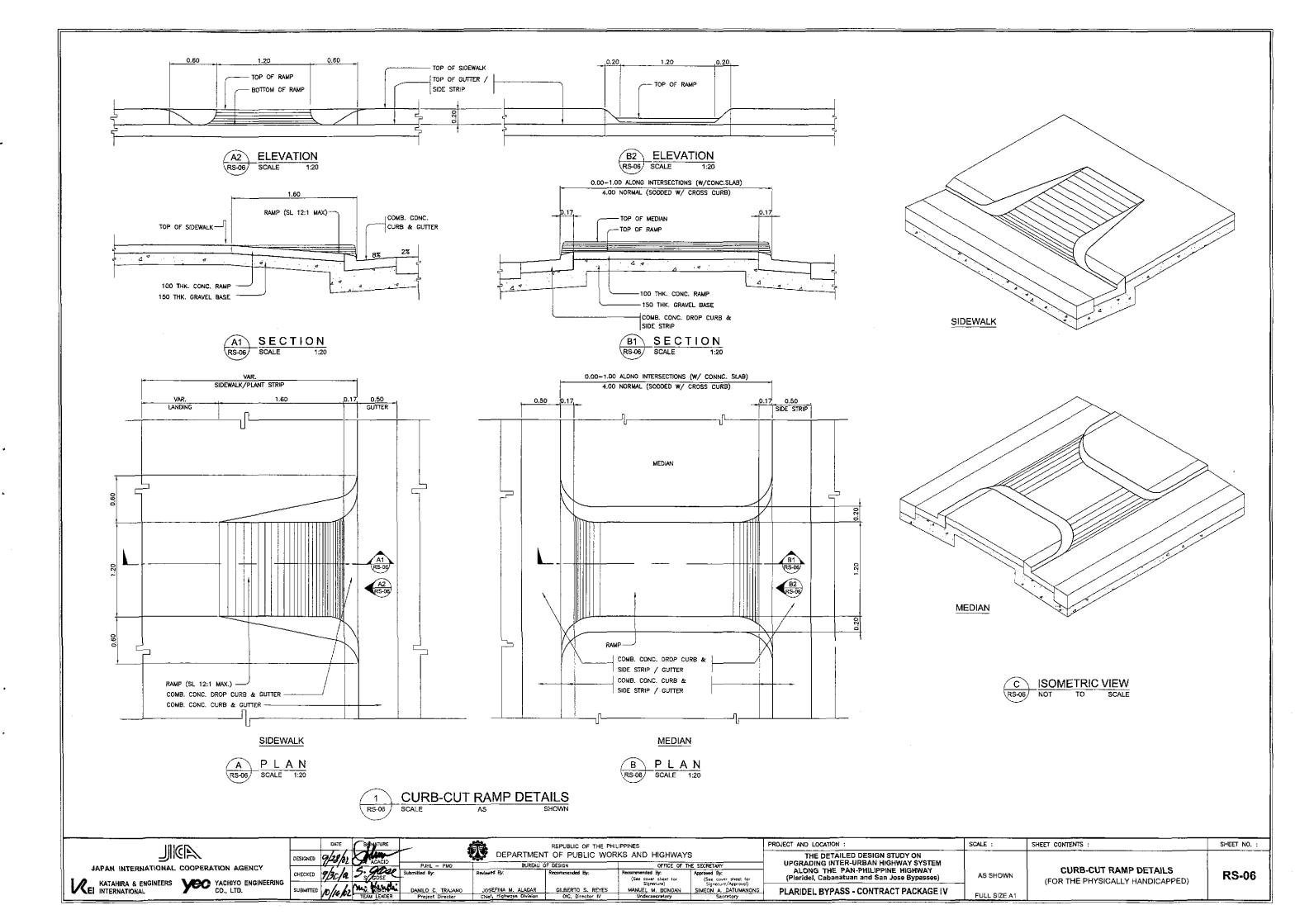
LE :	SHEET CONTENTS :	SHEET NO. :
IT TO SCALE	GEOMETRIC DESIGN STANDARD - 3 SUPERELEVATION ATTAINMENT/ DETAILS DIAGRAMATIC PROFILES/ SECTIONS	RS-03

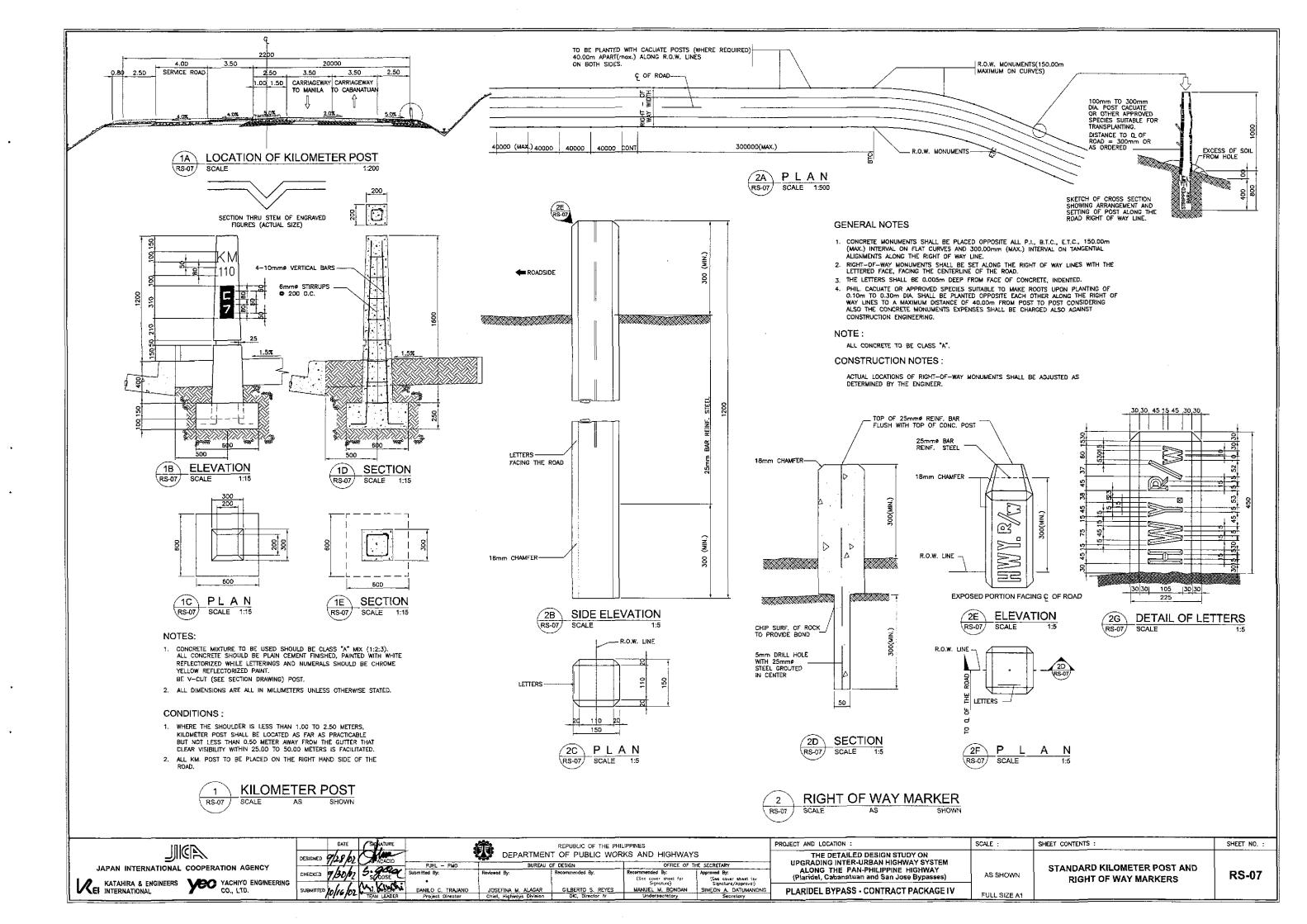


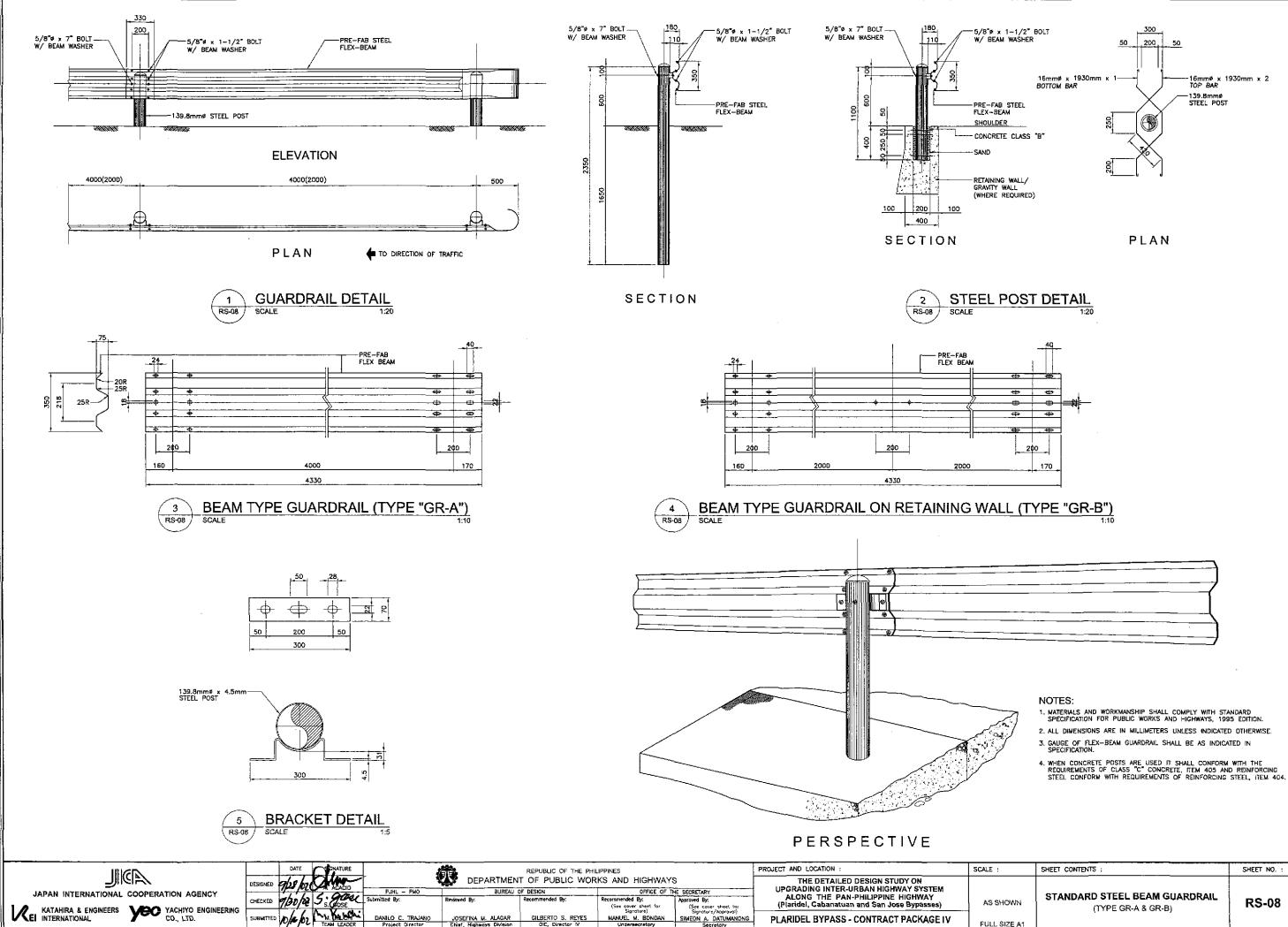


.

.

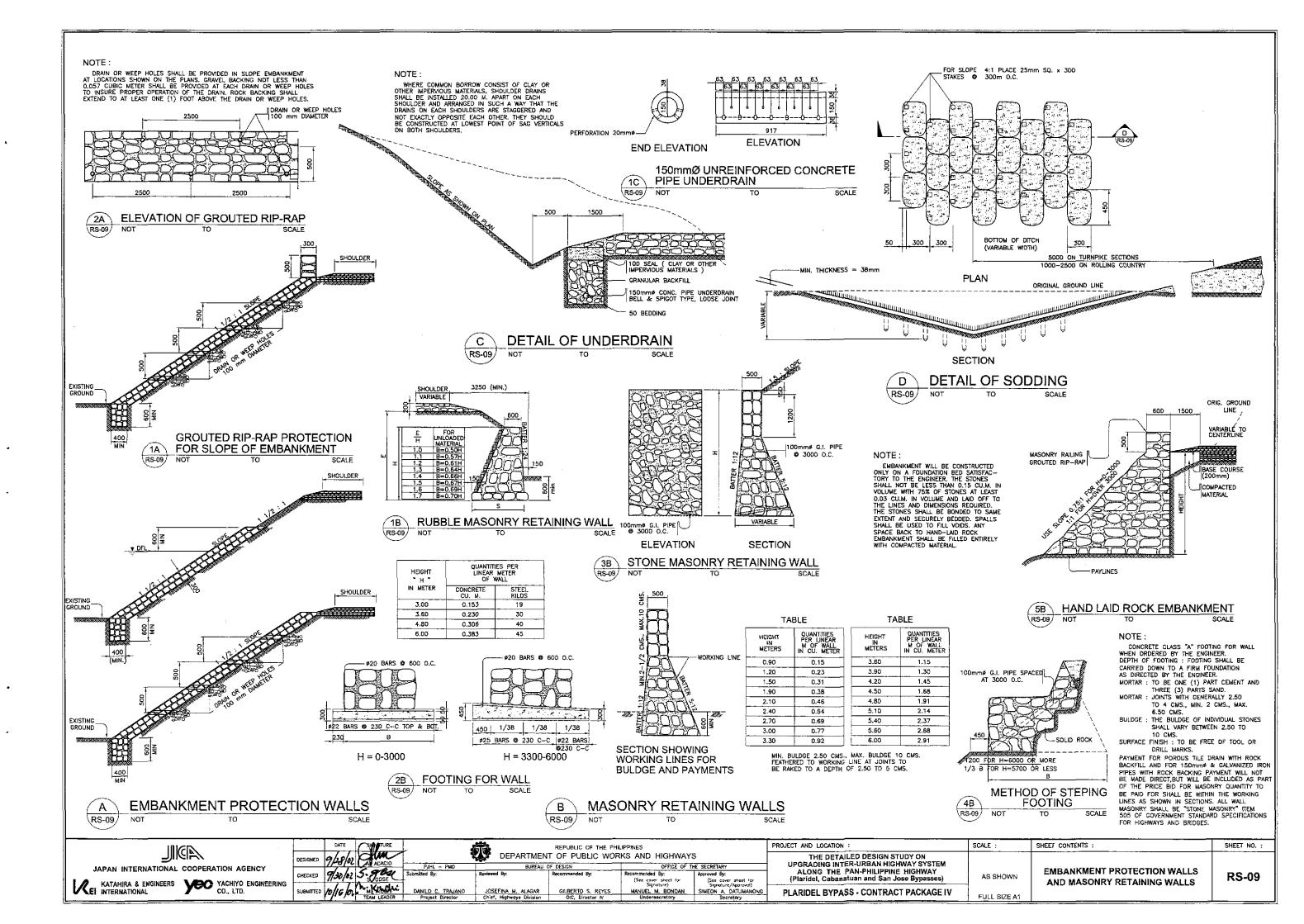


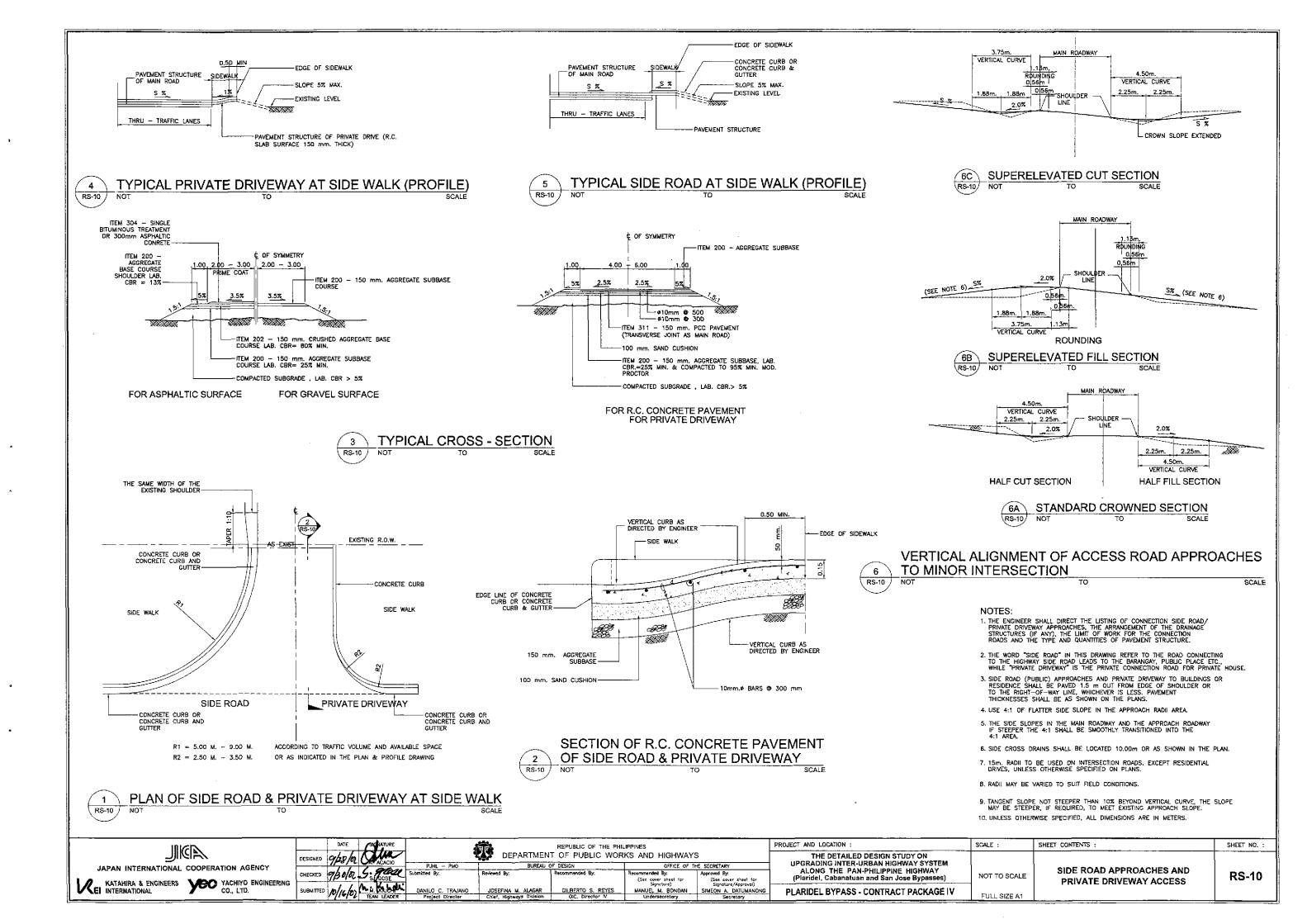


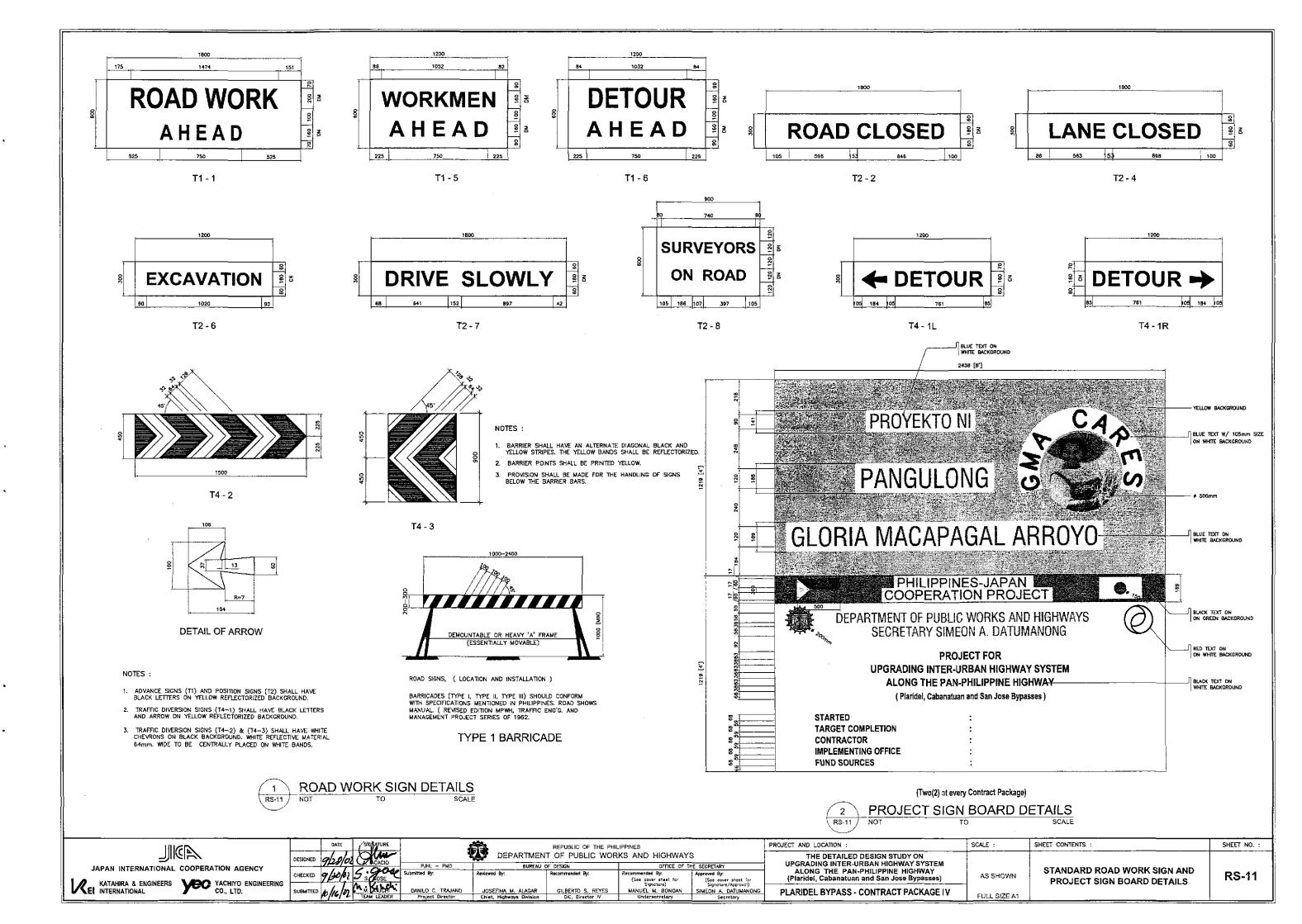


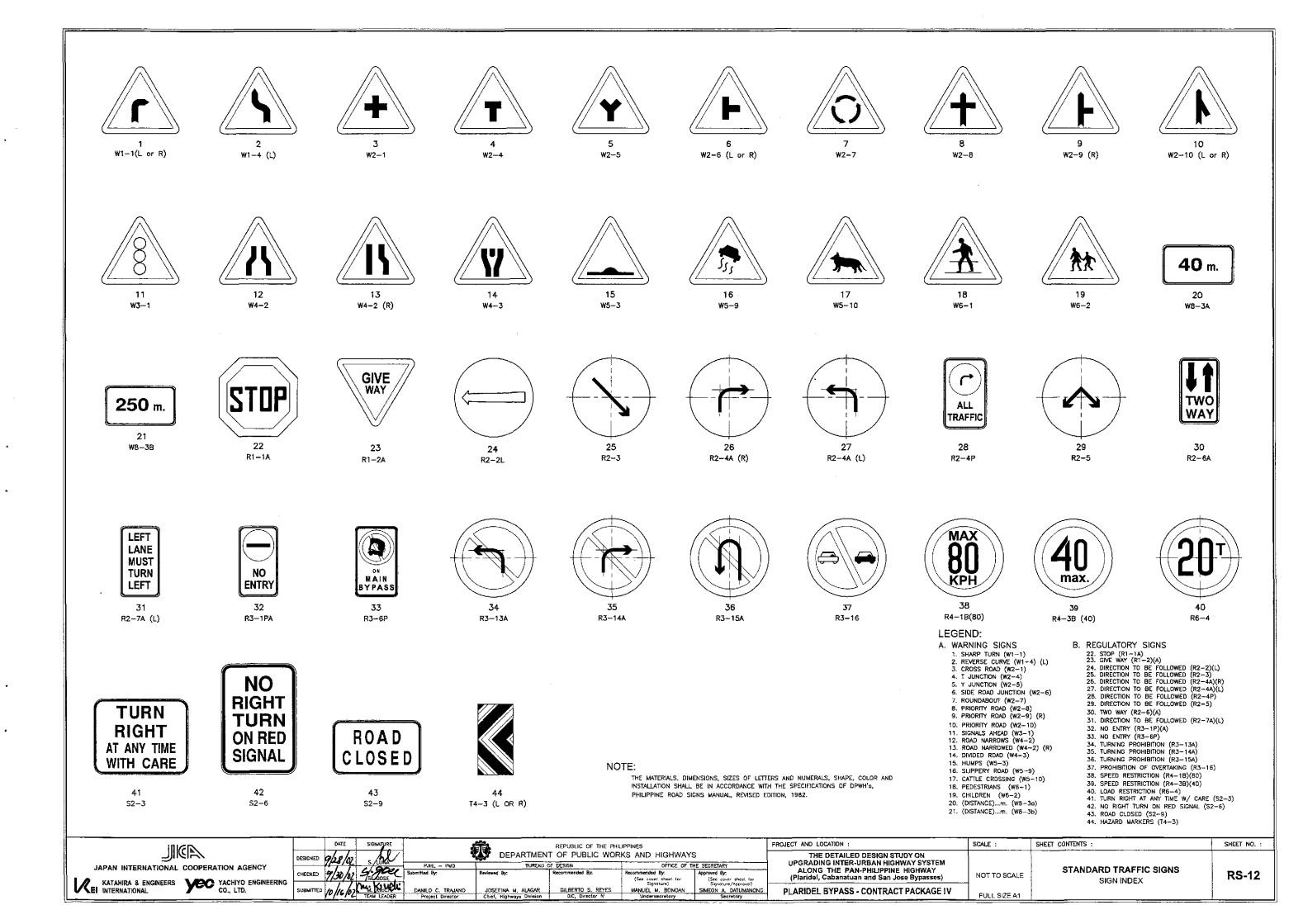
PLARIDEL BYPASS - CONTRACT PACKAGE IV

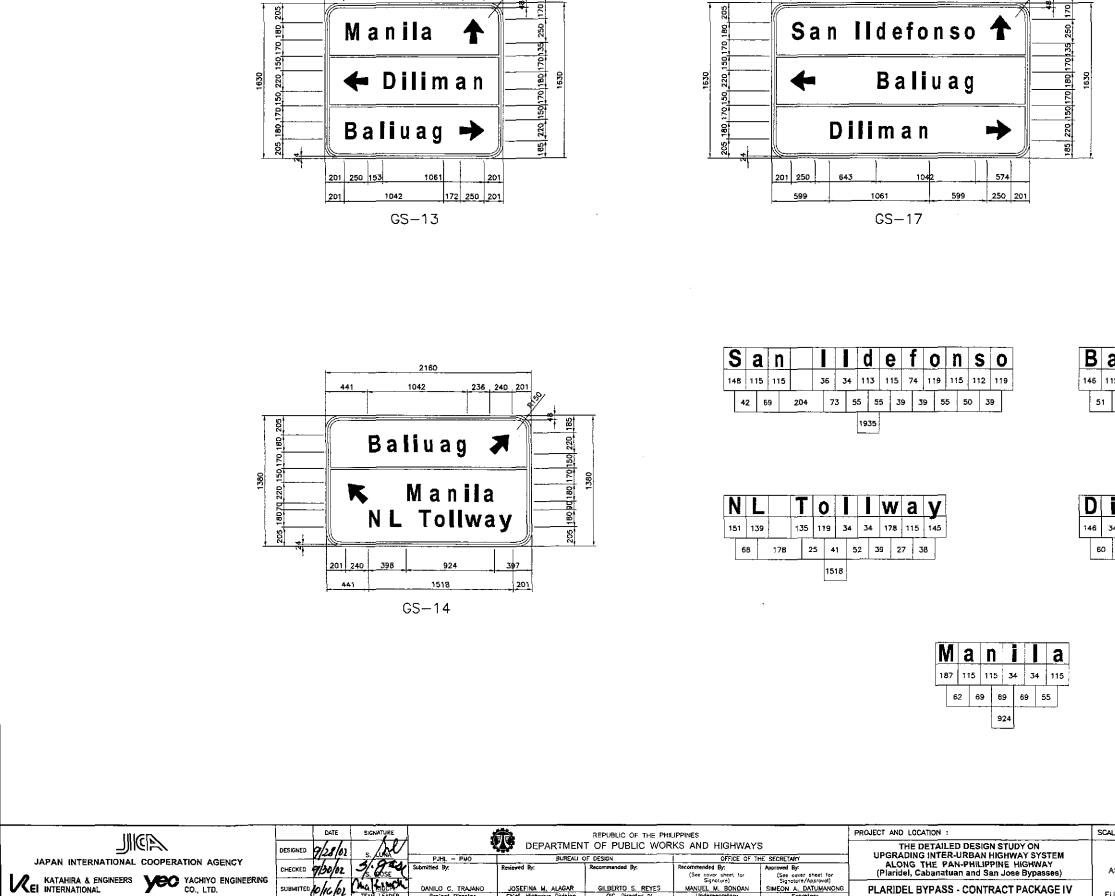
SCALE :	SHEET CONTENTS :	SHEET NO. :	ļ
AS SHOWN	STANDARD STEEL BEAM GUARDRAIL (TYPE GR-A & GR-B)	RS-08	
FULL SIZE A1			É
			-











MANUEL M. BONDA

IMEON A. DATUMANON

PLARIDEL BYPASS - CONTRACT PACKAGE IV

2710 1935

153 220 201

1866

320 220 201

924

IBMITTED 10/16/02

a i i   115 34 34   59 59 6   1042   i i   34 34   34 34   34 34	9 55 55 <b>M a n</b> 192 115 115	
69 69 6 1061		
ALE :	SHEET CONTENTS :	SHEET NO. :
AS SHOWN	ADVANCED DIRECTION SIGN DETAILS	RS-13

## **ROADSIDE SIGNS - MOUNTING SELECTION TABLE**

SIGN SIZE WIDTH × DEPTH (mm)	NUMBER AND DIAMETER (mm) OF GALVANIZED PIPE POSTS
1200 x 600	2 × 65
1800 × 600	2 × 65
1800 x 1200	2 x 100
2400 x 600	<u>2 x 100</u>
2400 x 1200	2 x 125
2400 x 1800	2 × 125
3000 x 600	2 x 100
3000 x 1200	2 x 125
	2 x 150
3000 x 2400	2 x 150
3700 × 500	2 x 100
3700 x 1200	2 × 125
3700 x 1800	2 x 150
3700 × 2400	3 x 150
4300 × 600	2 × 100
430D x 1200	2 x 125
4300 x 1800	3 x 150
4900 x 600	3 x 100
4900 x 1200	3 x 125
4900 x 1800	3 x 150
5500 x 600	3 x 100
5500 × 1200	3 x 125
5500 x 1800	3 x 150
6100 × 600	3 × 100
6100 × 1200	3 x 125
6100 x 1800	3 x 150

FOR INTERMEDIATE SIGN SIZES :

(a.) TAKE DIMENSIONS OF SIGN TO NEAREST 300mm.

(b.) FOR AN ODD DIMENSION TAKE THE NEAREST EVEN HIGHER DIMENSION IN TABLE E.G.:

### NOTES:

.

.

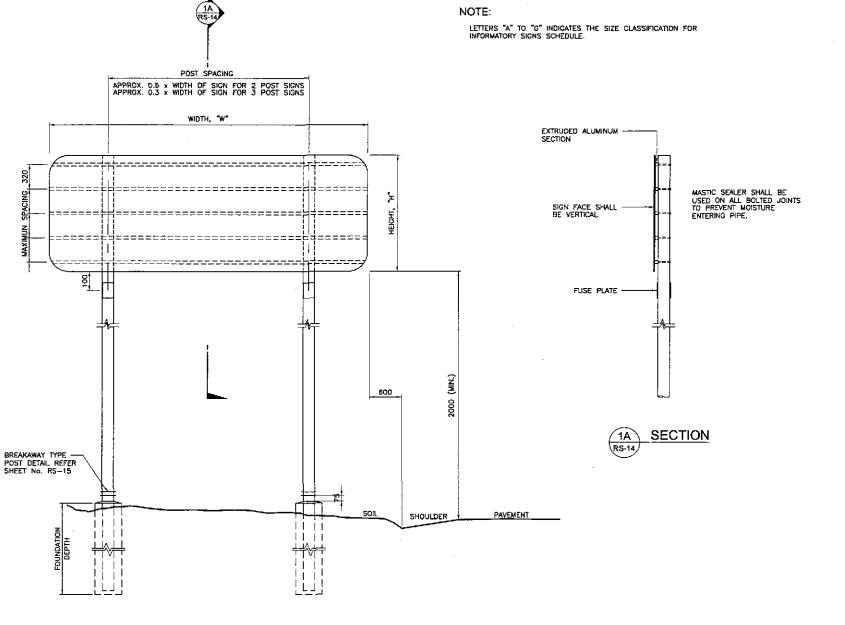
٠

- 1. THIS TABLE GIVES NUMBER AND SIZE OF GALVANIZED PIPE POSTS REQUIRED FOR SIGN SIZES SHOWN. ASSUMING UNDERSIDE OF SIGN IS 2.0m CLEAR ABOVE ROAD PAVEMENT. FOR SIGNS WITH CLEARANCES GREATER THAN 2.0m THE WIDTH USED IN THIS TABLE SHOULD BE THE ACTUAL WIDTH INCREASED BY A PERCENTAGE EQUAL TO THE PERCENTAGE INCREASE IN HEIGHT ABOVE 2.0m.
- 2. 12mm DIAMETER CADIUM PLATED BOLTS, NUTS AND WASHERS SHALL BE USED FOR ATTACHING SIGN TO POSTS. 3. TOP OF PIPE TO BE SUITABLY CAPPED AND PIPE BASES SHALL BE SEALED AGAINST MOISTURE.
- 4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.

# SIGN POST FOUNDATION TABLE

POST PROFILE ₡ (mm)	FOUNDATION DIAMETER (mm)	FOUNDATION DEPTH (mm)
<u>&lt;</u> 100	400	1000
125	425	1200
150	450	1500

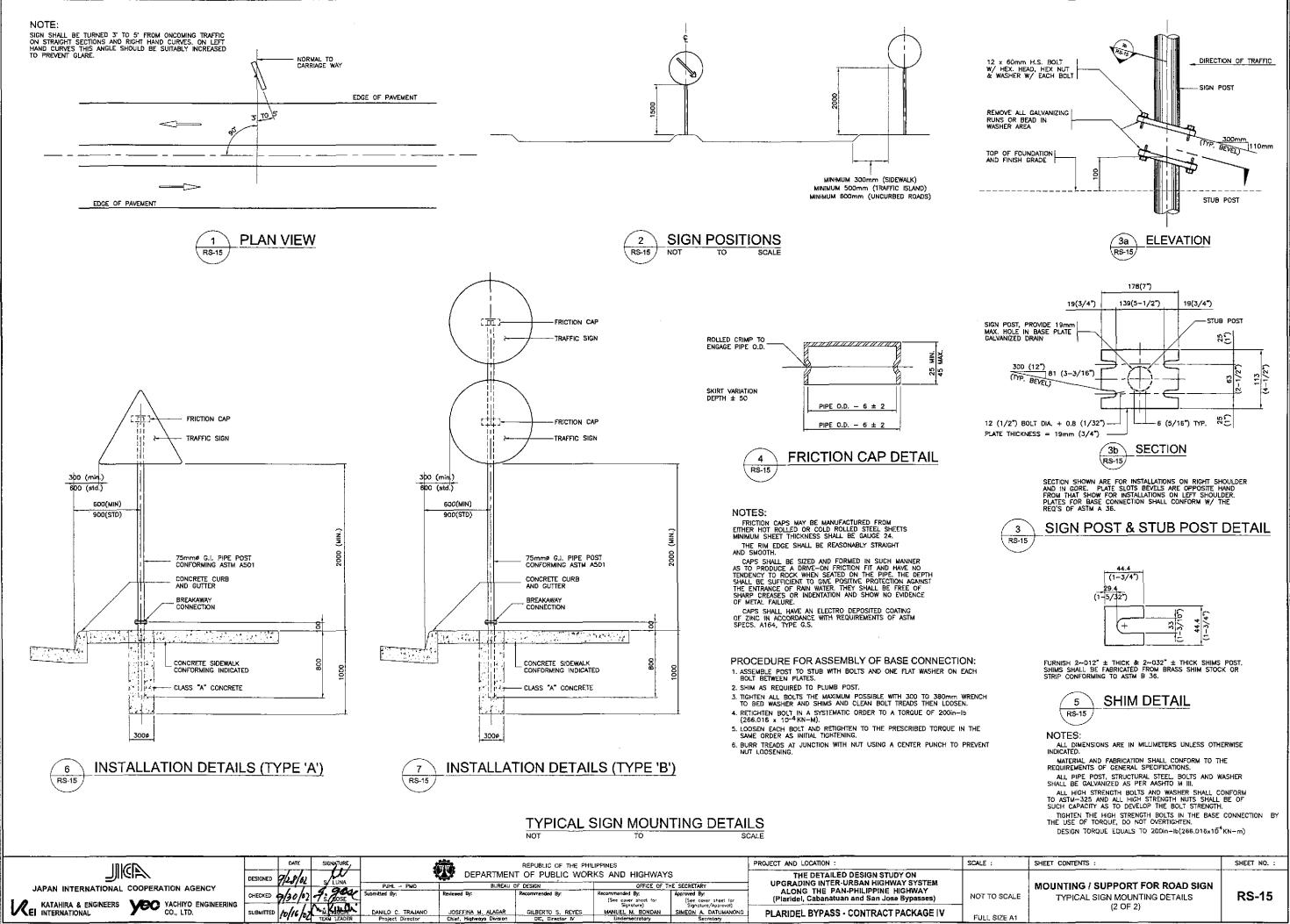
	н ≥ асо	H <u>≤</u> 1500	н ≦ 2100	H > 2100
w≦ 2100	A	8	B	-
W≦ 2700	B	с	с	~
W≦ 3350	B	с	D	D
W≦ 4000	8	с	D	G
₩ ≦ 4600	8	с	G	Ģ
W ≥ 4600	E	F	G	G

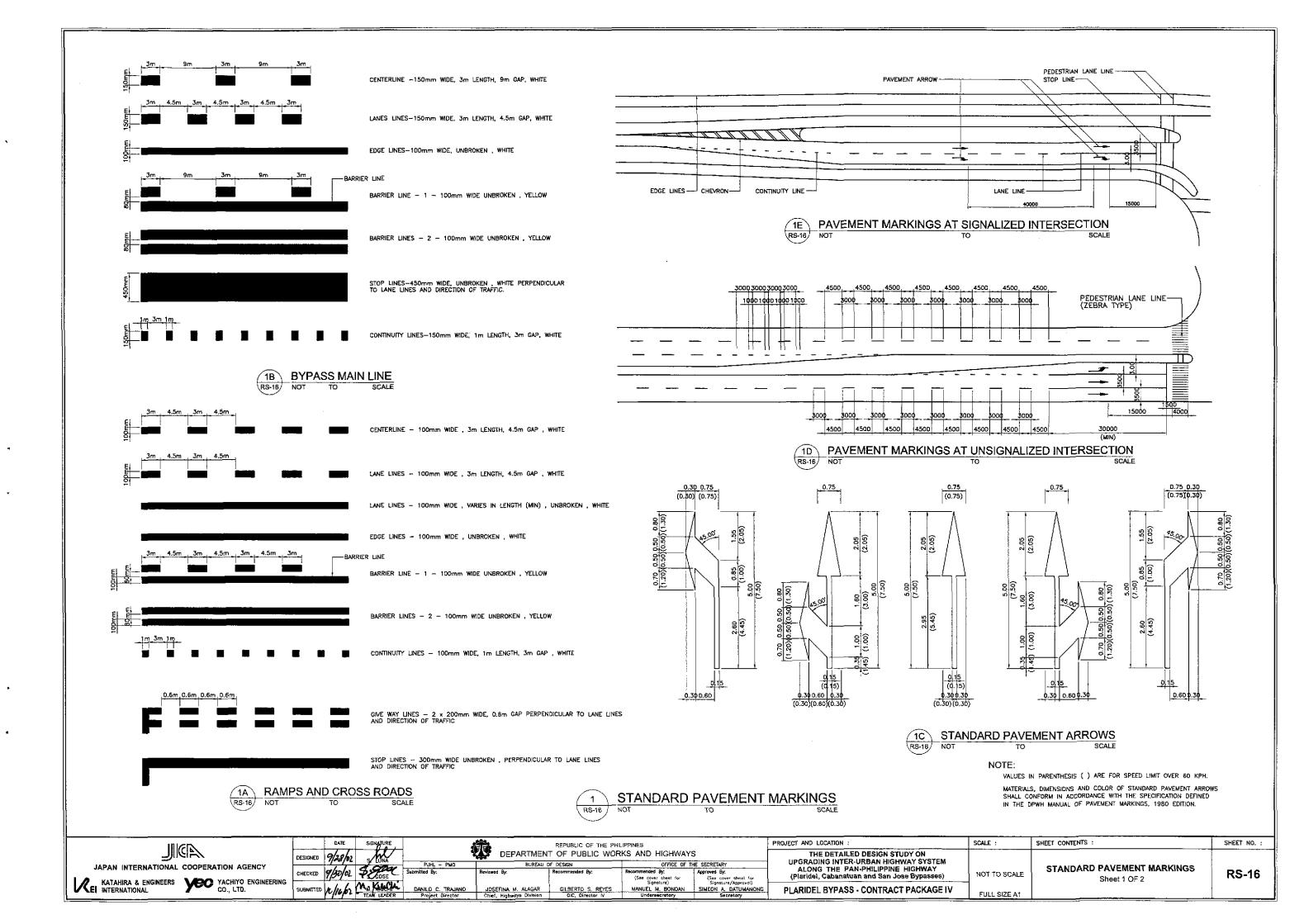


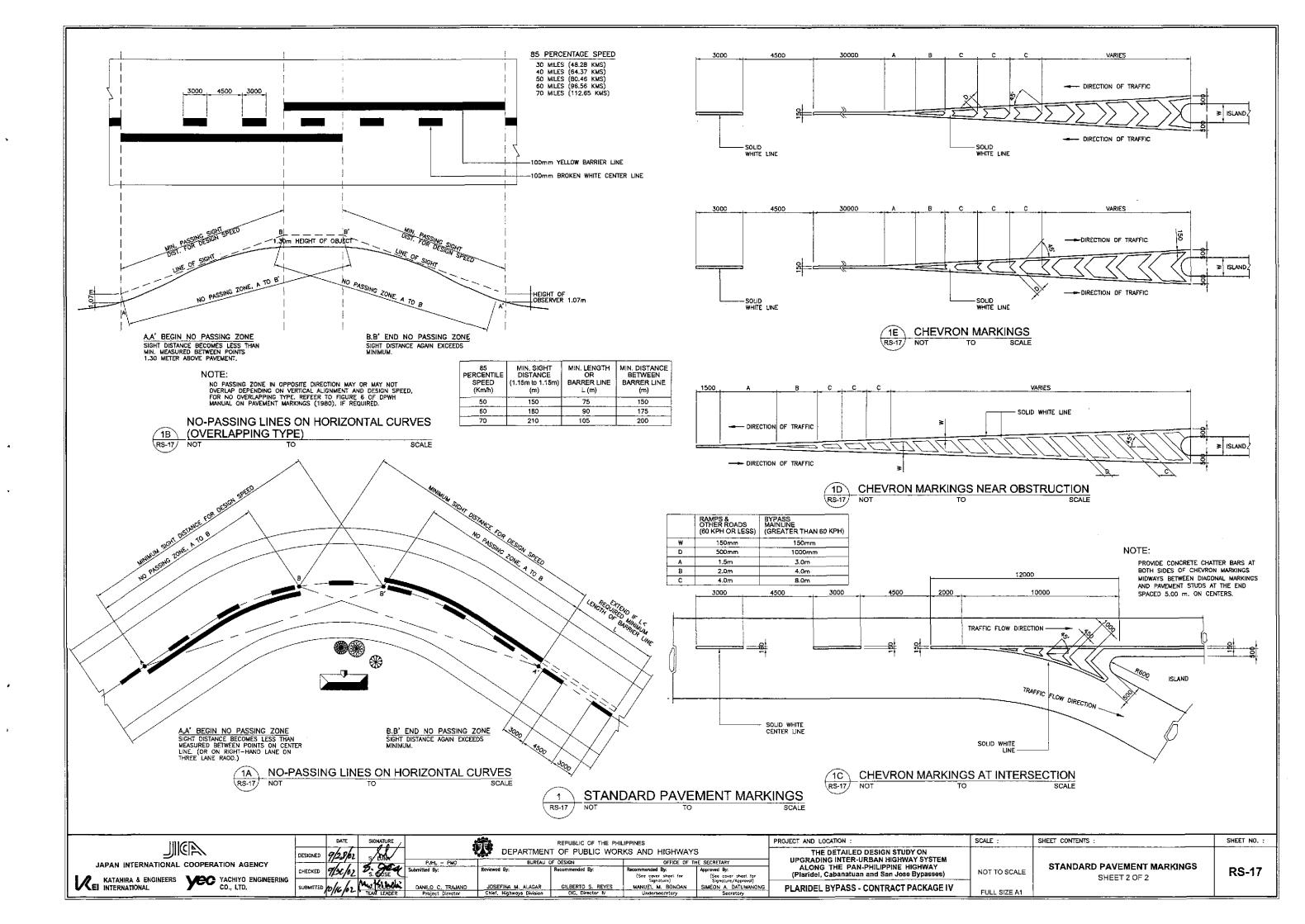


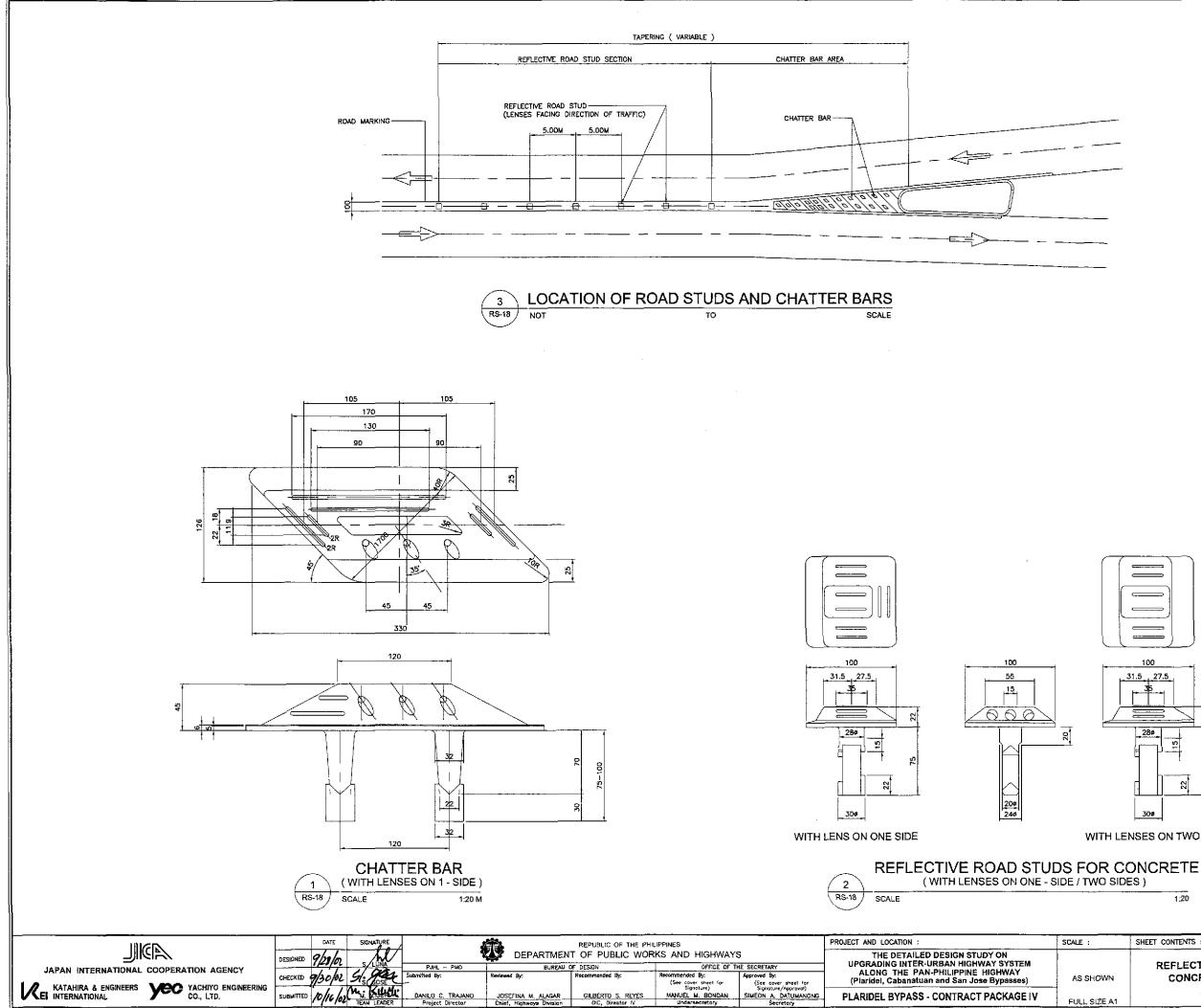
	DATE	BIGNATURE	8		REPUBLIC OF THE PHI	LIPPINES		PROJECT AND LOCATION :	SCALE :	SHEET CONTENTS :	SHEET NO. :
	DESIGNED 9/28/07	1 ma			T OF PUBLIC WOR			THE DETAILED DESIGN STUDY ON UPGRADING INTER-URBAN HIGHWAY SYSTEM		MOUNTING/SUPPORT FOR ROAD SIGN	
	CHECKED 9/30/02	Signe	PJHL - PMQ Submitted By:	Reviewed By:	Recommended By:	Recommended By: (See cover sheet for	Approved By: [See cover sheet for	ALONG THE PAN-PHILIPPINE HIGHWAY (Plaridel, Cabanatuan and San Jose Bypasses)	NOT TO SCALE	TYPICAL SIGN MOUNTING DETAILS	RS-14
KATAHIRA & ENGINEERS YACHIYO ENGINEERING INTERNATIONAL YCC, LTD,	SUBMITTED to /10/02	VXI XIDEALO	DANILO C. TRAJANO Project Director	JOSEFINA M. ALAGAR	GILBERTO S. REYES OIC, Director N	Signature) MANUEL M. BONDAN Undersecretory	Signature/Approval) SIMEON A. DATUMANONG Secretary	PLARIDEL BYPASS - CONTRACT PACKAGE IV	FULL SIZE A1	(1 OF 2)	

# CLASSIFICATION FOR INFORMATORY SIGN









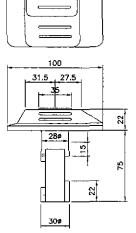
\*

LL SIZE A1			
	LL	SIZE	A1

SHEET NO. :

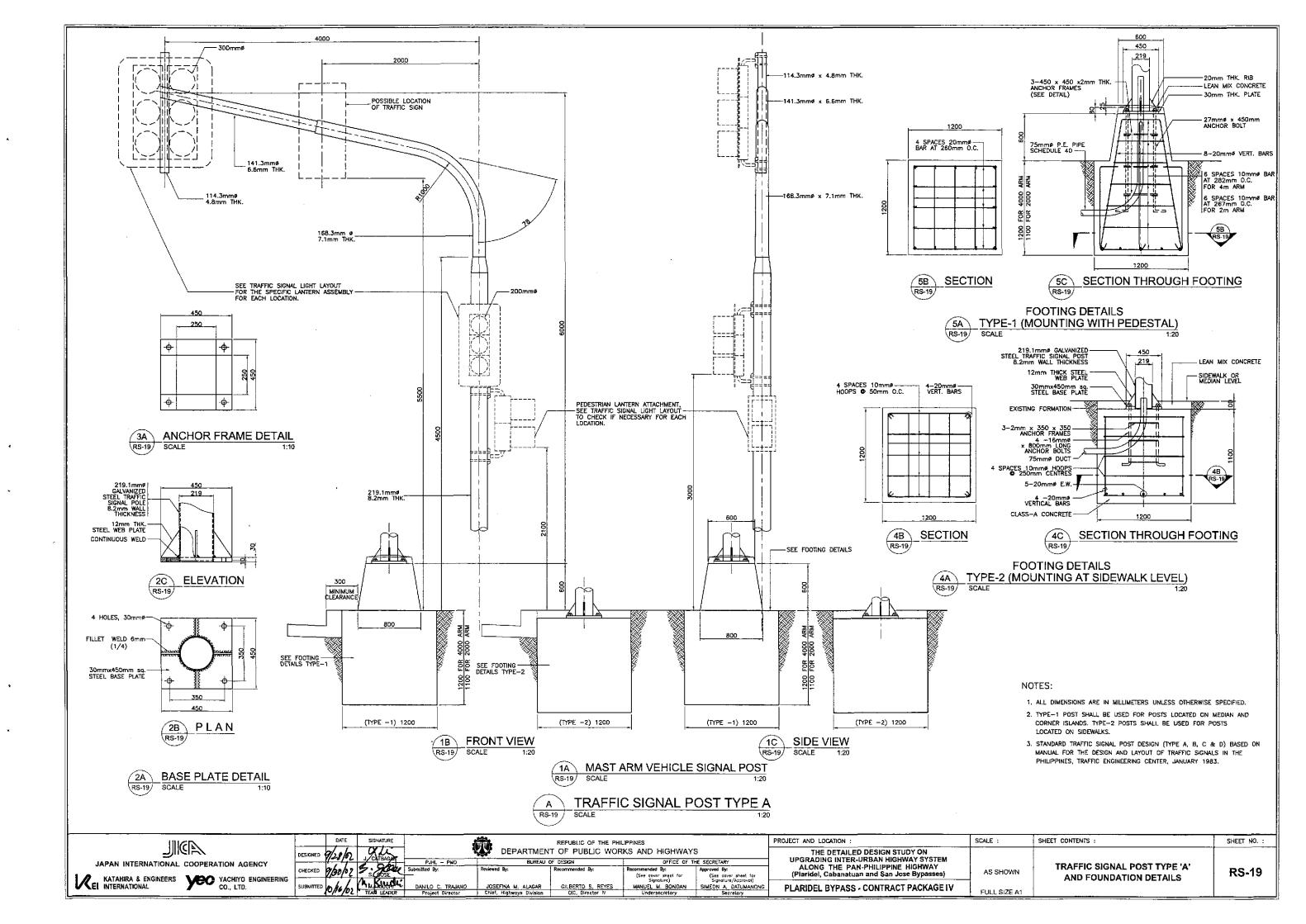
1:20

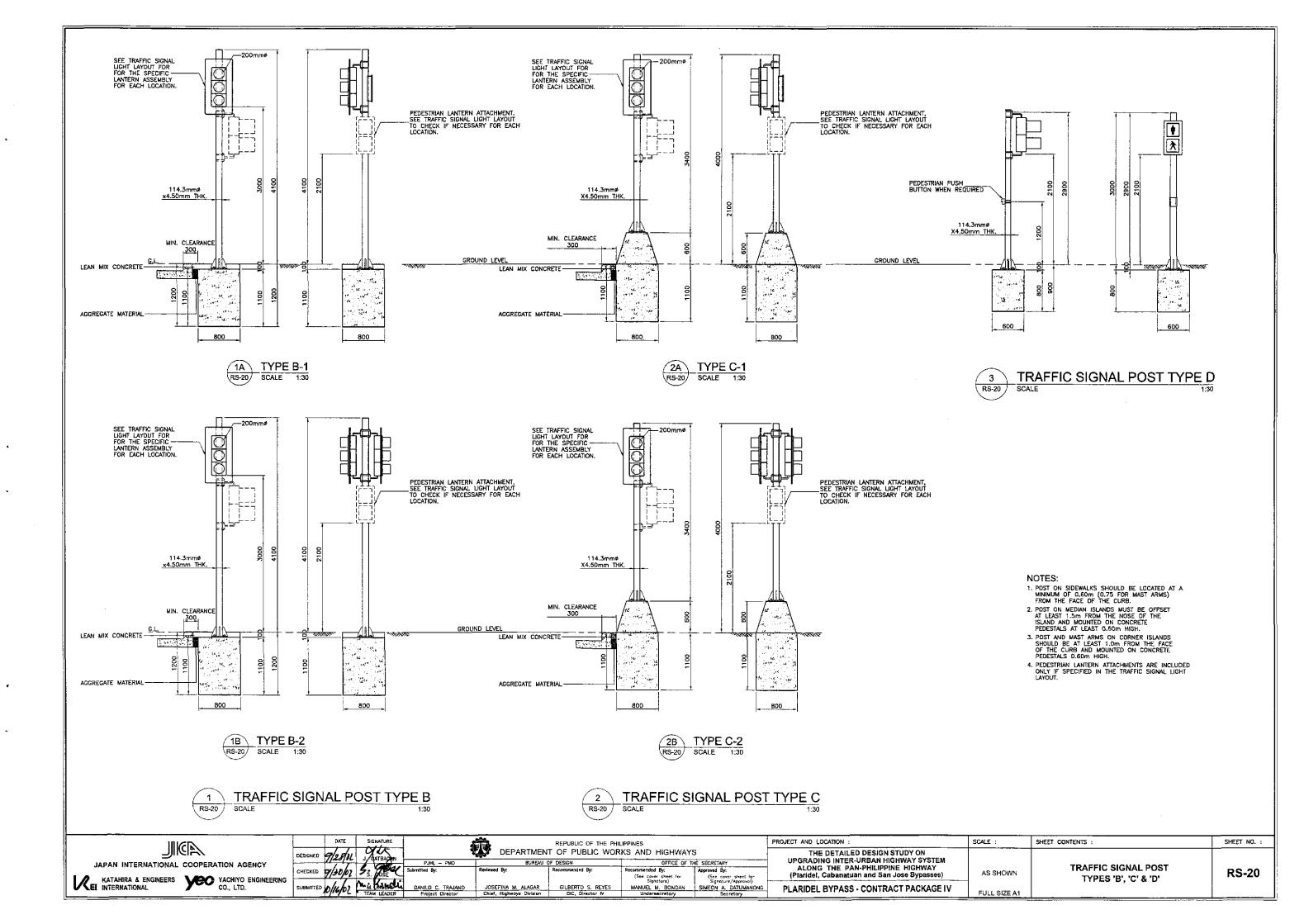
WITH LENSES ON TWO SIDES

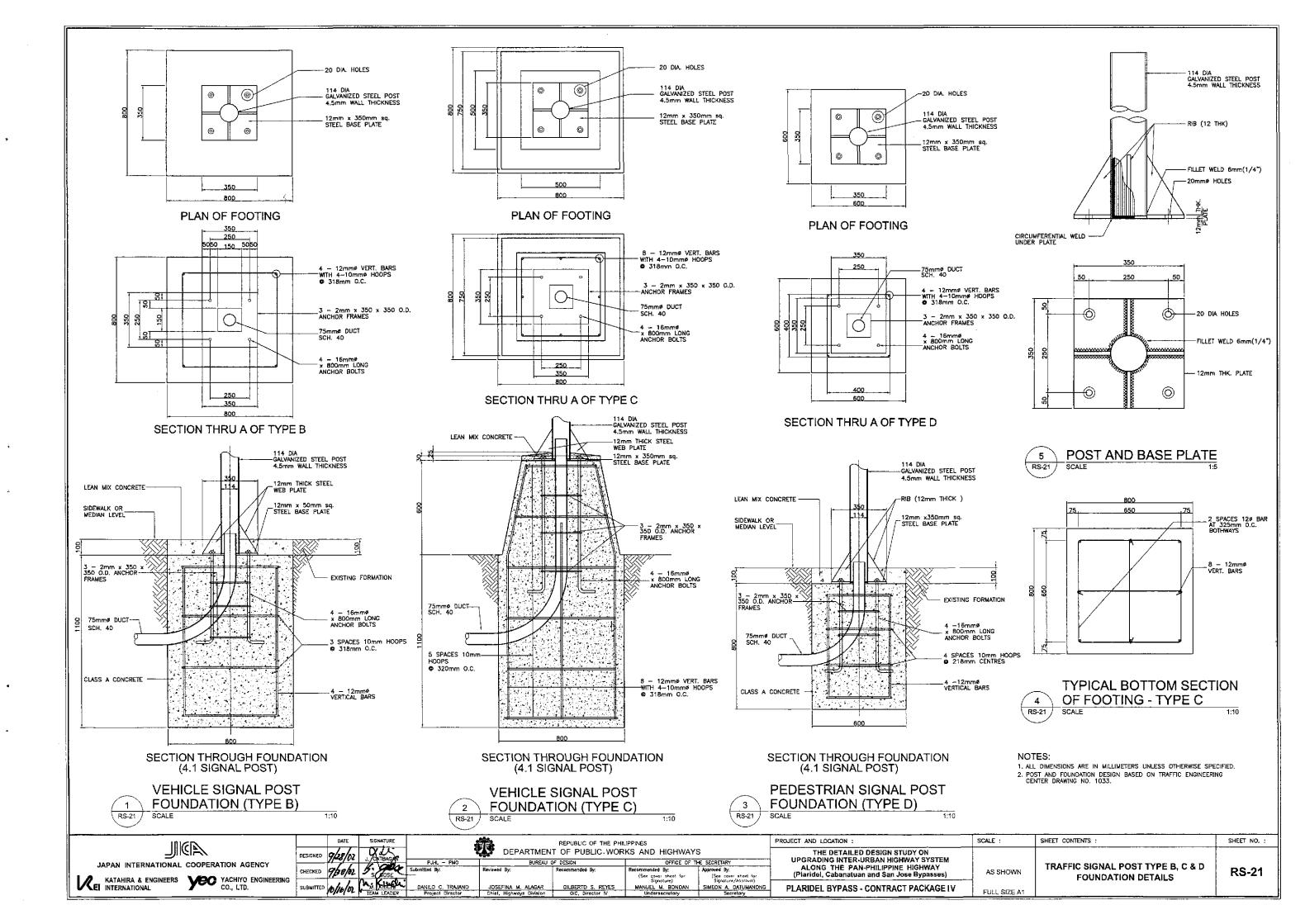


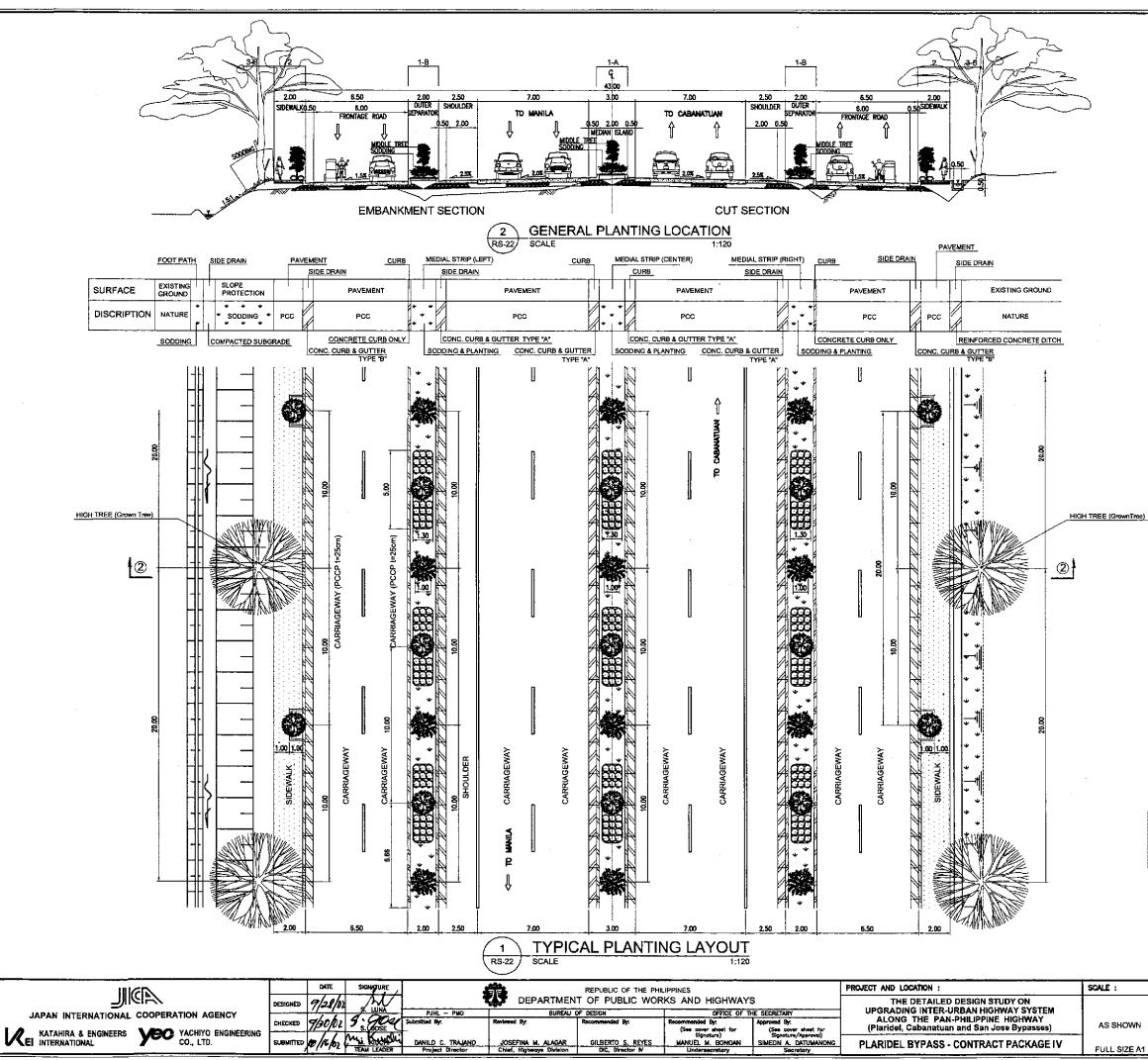
\_\_\_\_

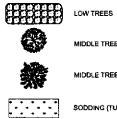
\_\_\_\_ \_\_\_\_\_











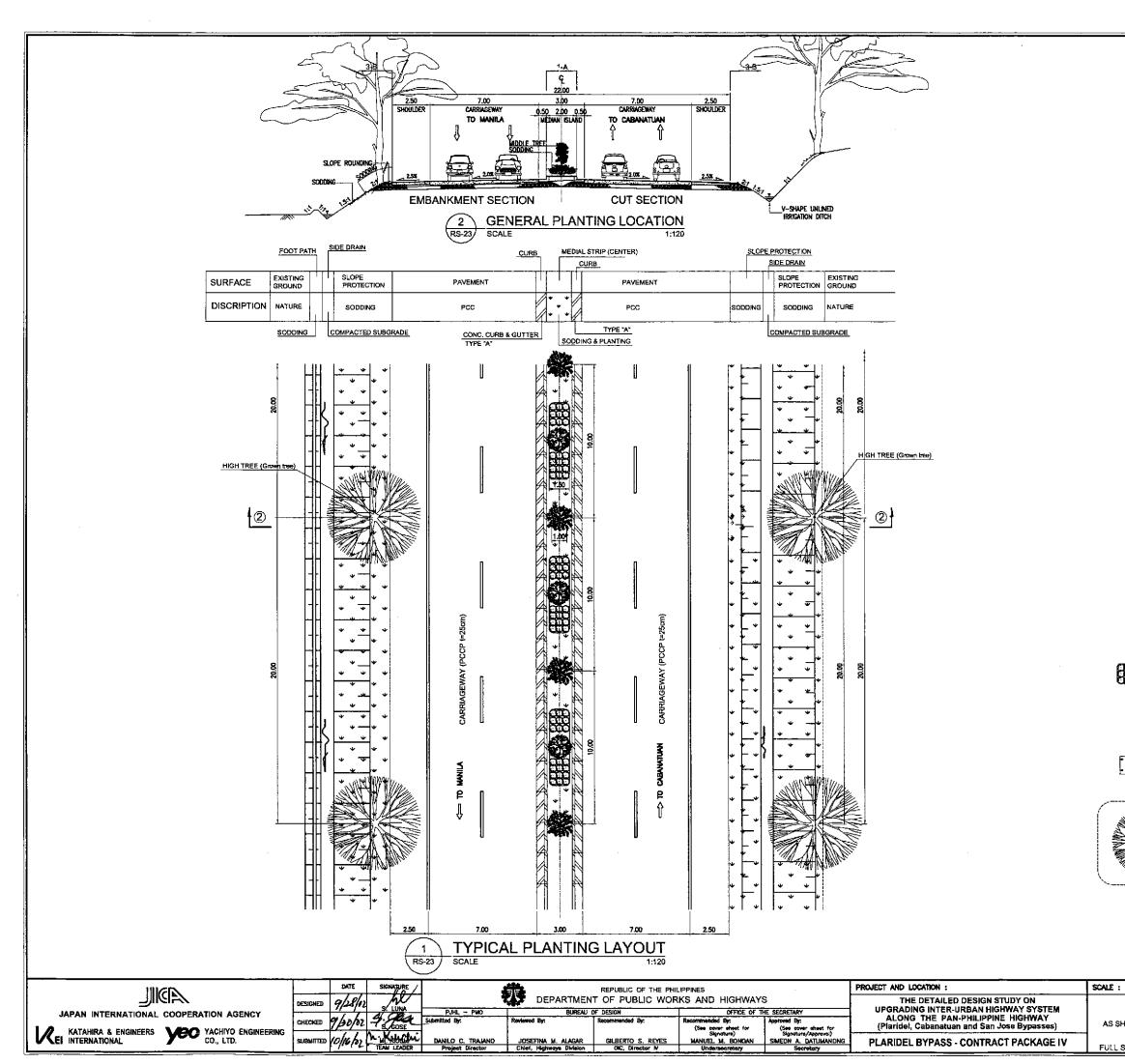
MIDDLE TREE

MIDDLE TREE

SODDING (TURF)



LE ;	SHEET CONTENTS :	SHEET NO. :
AS SHOWN JLL SIZE A1	TYPICAL PLANTING LAYOUT WITH FRONTAGE ROAD (ULTIMATE STAGE) Sheet 1 of 2	R\$-22



۴



LOW TREES



MIDDLE TREE

MIDDLE TREE



SODDING (TURF)

PLANTED AT THE INITIAL STAGE



HIGH TREE

SHEET CONTENTS : SHEET NO. : TYPICAL PLANTING LAYOUT WITHOUT FRONTAGE ROAD (ULTIMATE STAGE) AS SHOWN RS-23 Sheet 2 of 2 FULL SIZE A1

