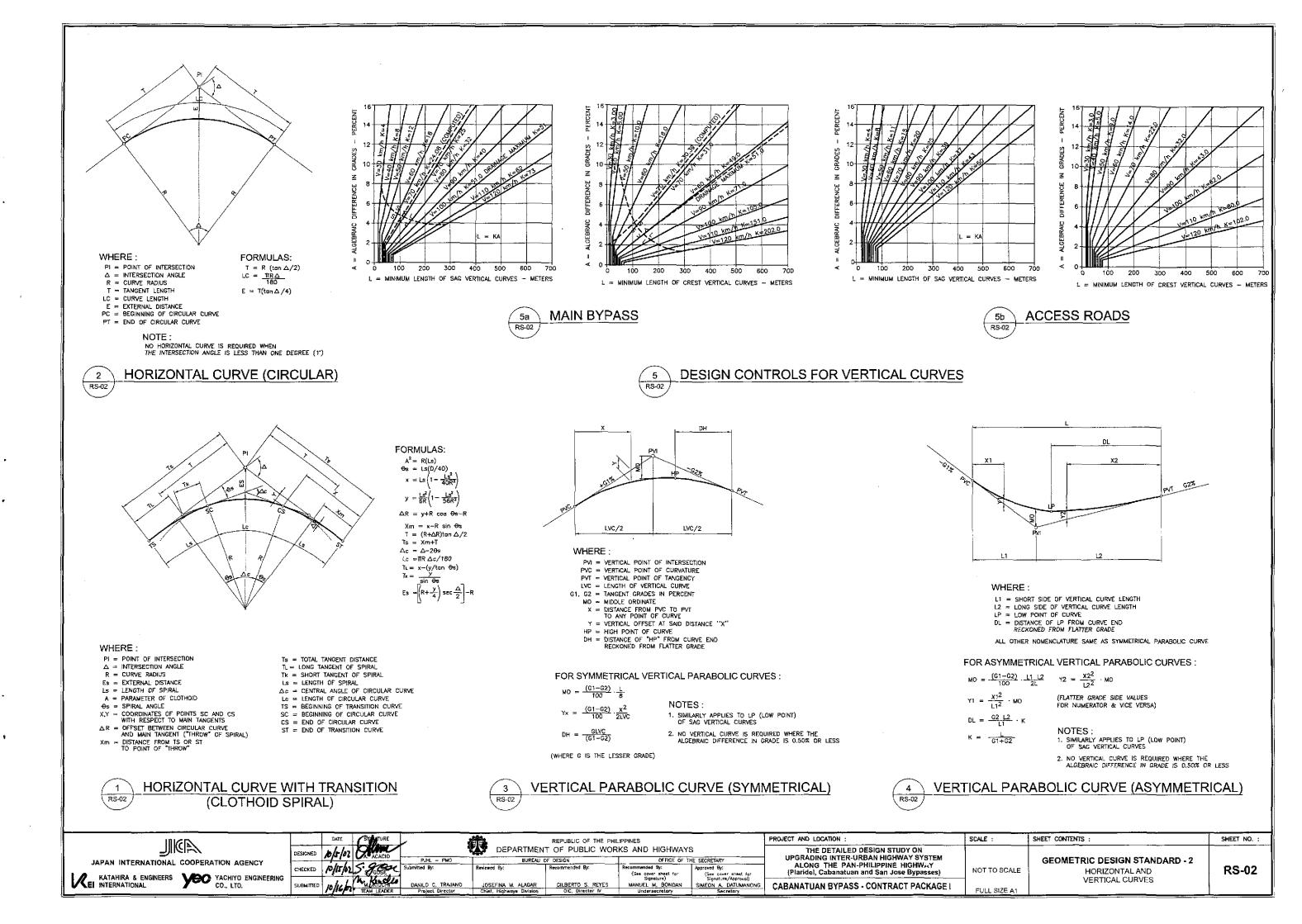
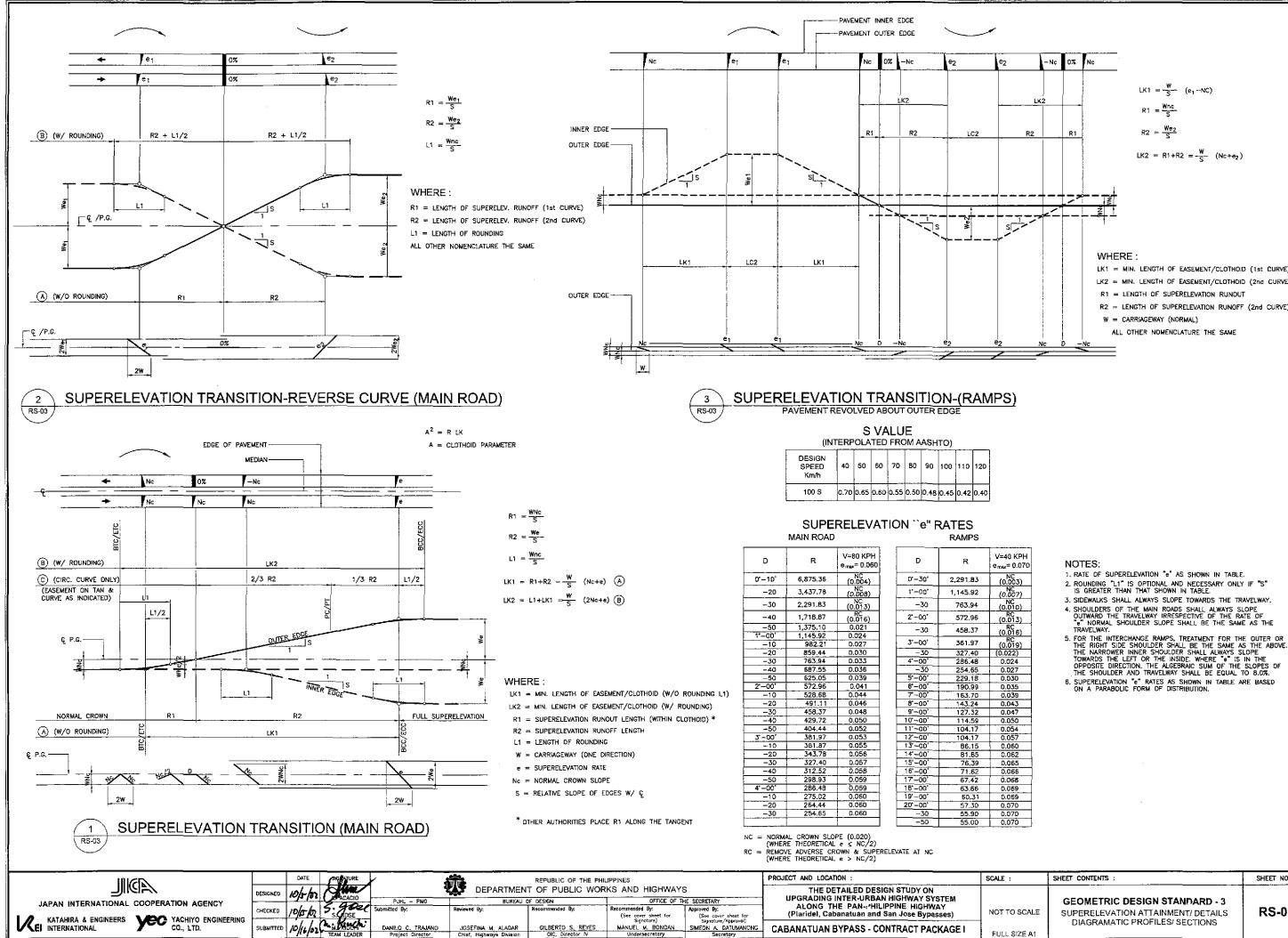
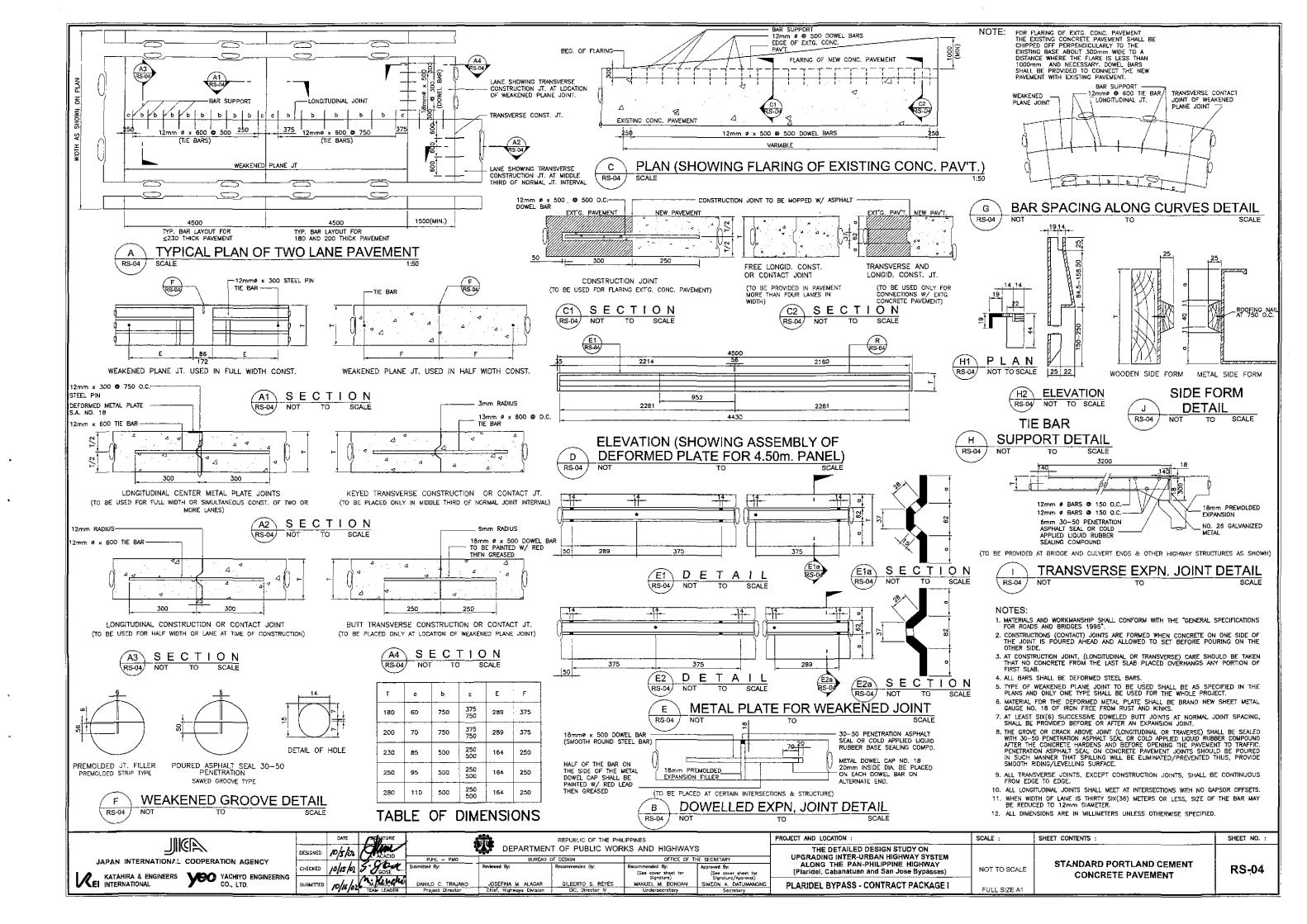


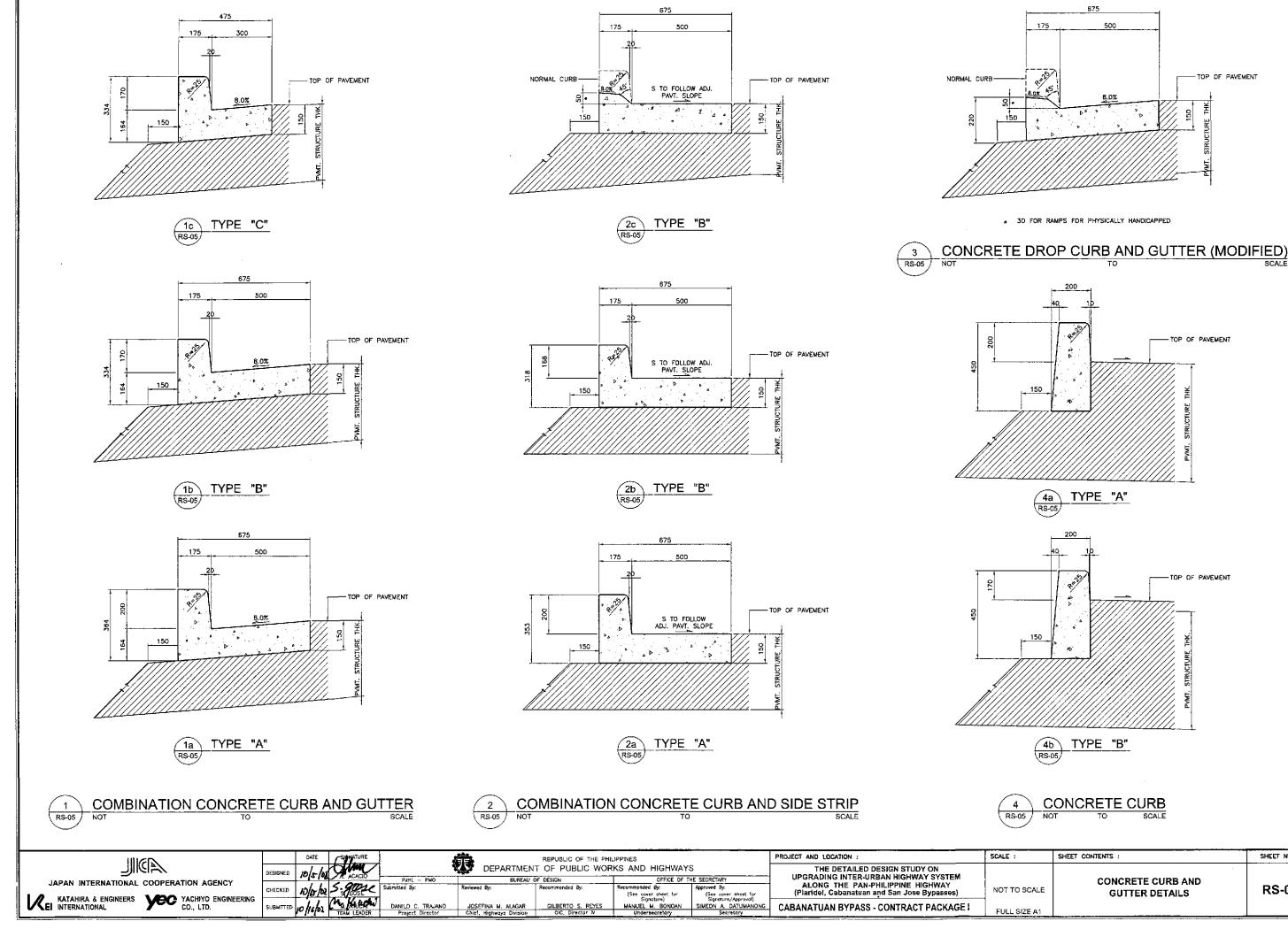
deomentico bectori on an
HGRIZONTAL ALIGNMEN
CURVE EASEMENTS





2 NC	WHERE : LK1 = MIN. LENGTH OF EASEMENT/CLOTHOIL LK2 = MIN. LENGTH OF EASEMENT/CLOTHOIL R1 = LENGTH OF SUPERELEVATION RUNOUT R2 = LENGTH OF SUPERELEVATION RUNOFF W = CARRIAGEWAY (NORMAL) ALL OTHER NOMENCLATURE THE SAME D -NC	(2nd CURVE)
<u>2S)</u>		
/=40 KPH ma= 0.070 (0.003) (NC (0.007) (NC (0.007) (NC (0.007) (NC (0.013) (NC (0.050) (NC	<ul> <li>NOTES:</li> <li>1. RATE OF SUPERELEVATION "e" AS SHOWN IN TABLE</li> <li>2. ROUNDING "L1" IS OPTIONAL AND NECESSARY ONLY IS GREATER THAN THAT SHOWN IN TABLE.</li> <li>3. SIDEWALKS SHALL ALWAYS SLOPE TOWARDS THE TR</li> <li>4. SHOULDERS OF THE MAIN ROADS SHALL ALWAYS SI OUTWARD THE TRAVELWAY IRRESPECTIVE OF THE RA "e" NORMAL SHOULDER SLOPE SHALL BE THE SAM TRAVELWAY.</li> <li>5. FOR THE INTERCHANGE RAMPS, TREATMENT FOR TH THE NARROWER INNER SHOULDER SHALL BE THE SAME AT THE NARROWER INNER SHOULDER SHALL ALWAYS SI OWPARDS THE LEFT OR THE INSIDE. WHERE "e" IS OPPOSITE DIRECTION. THE ALGEBRAIC SUM OF THE THE SHOULDER AND TRAVELWAY SHALL BE COLL T G. SUPERELEVATION "e" RATES AS SHOWN IN TABLE A ON A PARABOLIC FORM OF DISTRIBUTION.</li> </ul>	IF "S" AVELWAY. OPE JE OF E AS THE E OUTER OR 5 THE ABOVE. LOPE IN THE SLOPES OF 0 8,0%,
LE:	SHEET CONTENTS :	SHEET NO. :
OT TO SCALE	GEOMETRIC DESIGN STANDARD - 3 SUPERELEVATION ATTAINMENT/ DETAILS DIAGRAMATIC PROFILES/ SECTIONS	RS-03



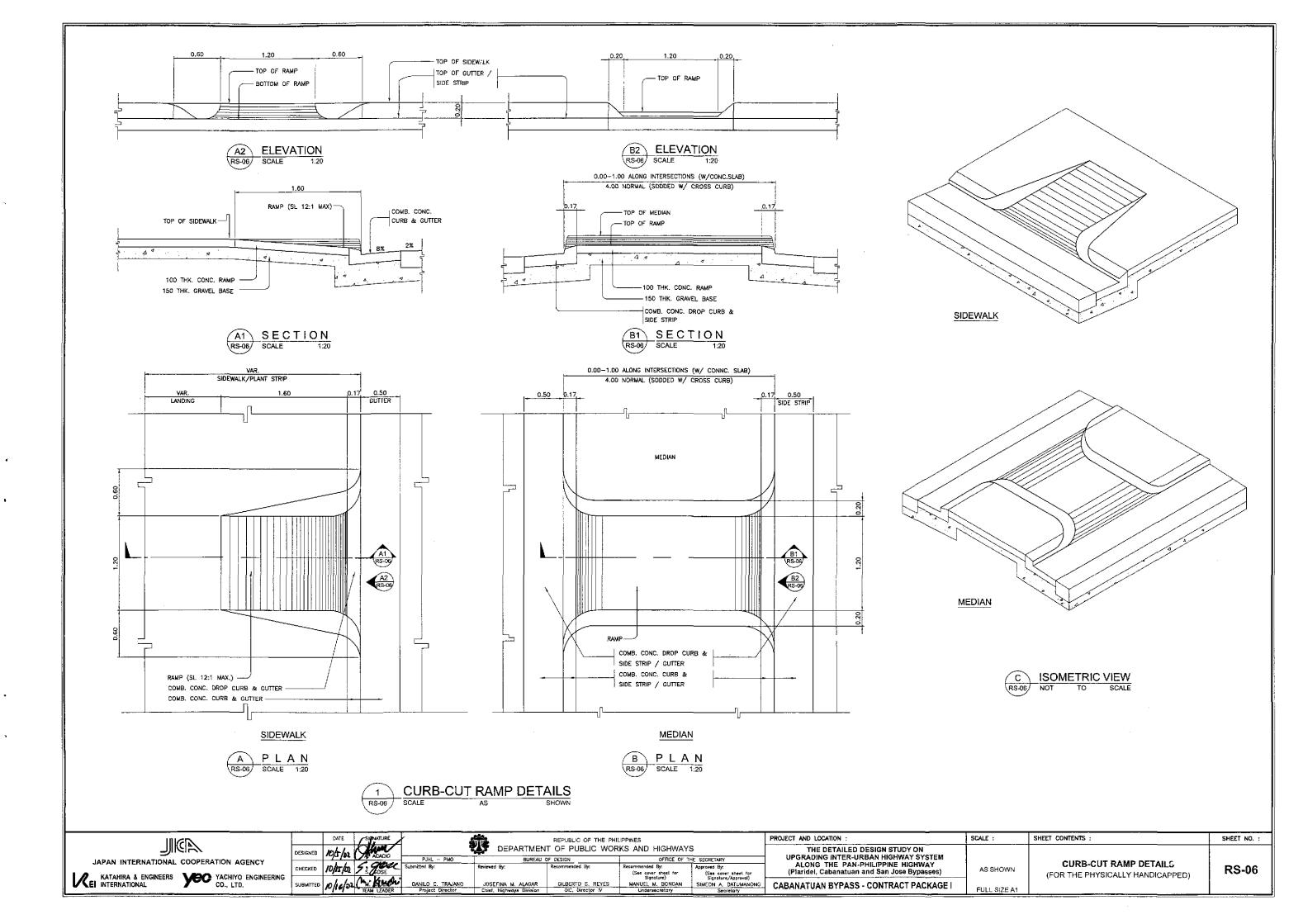


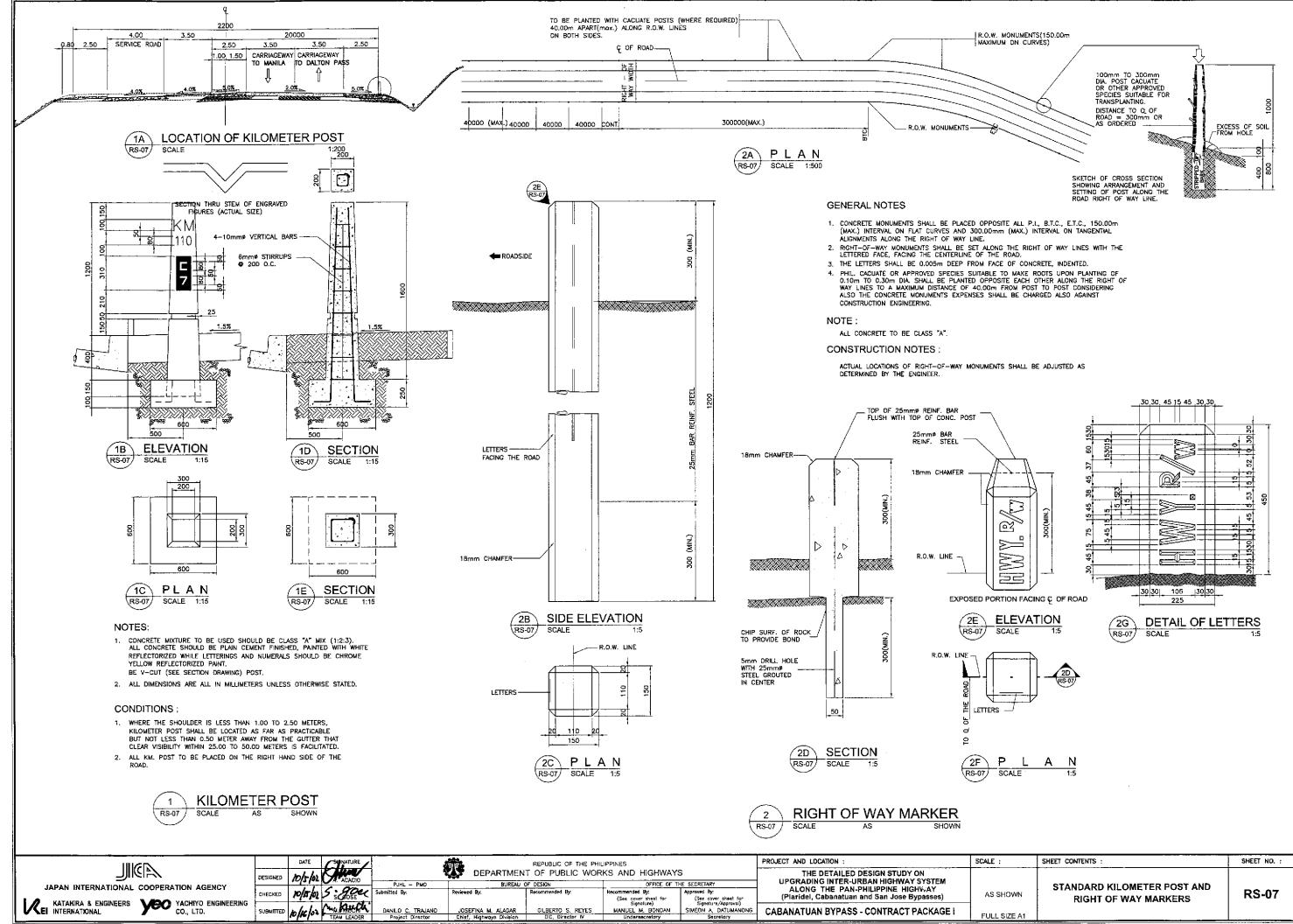
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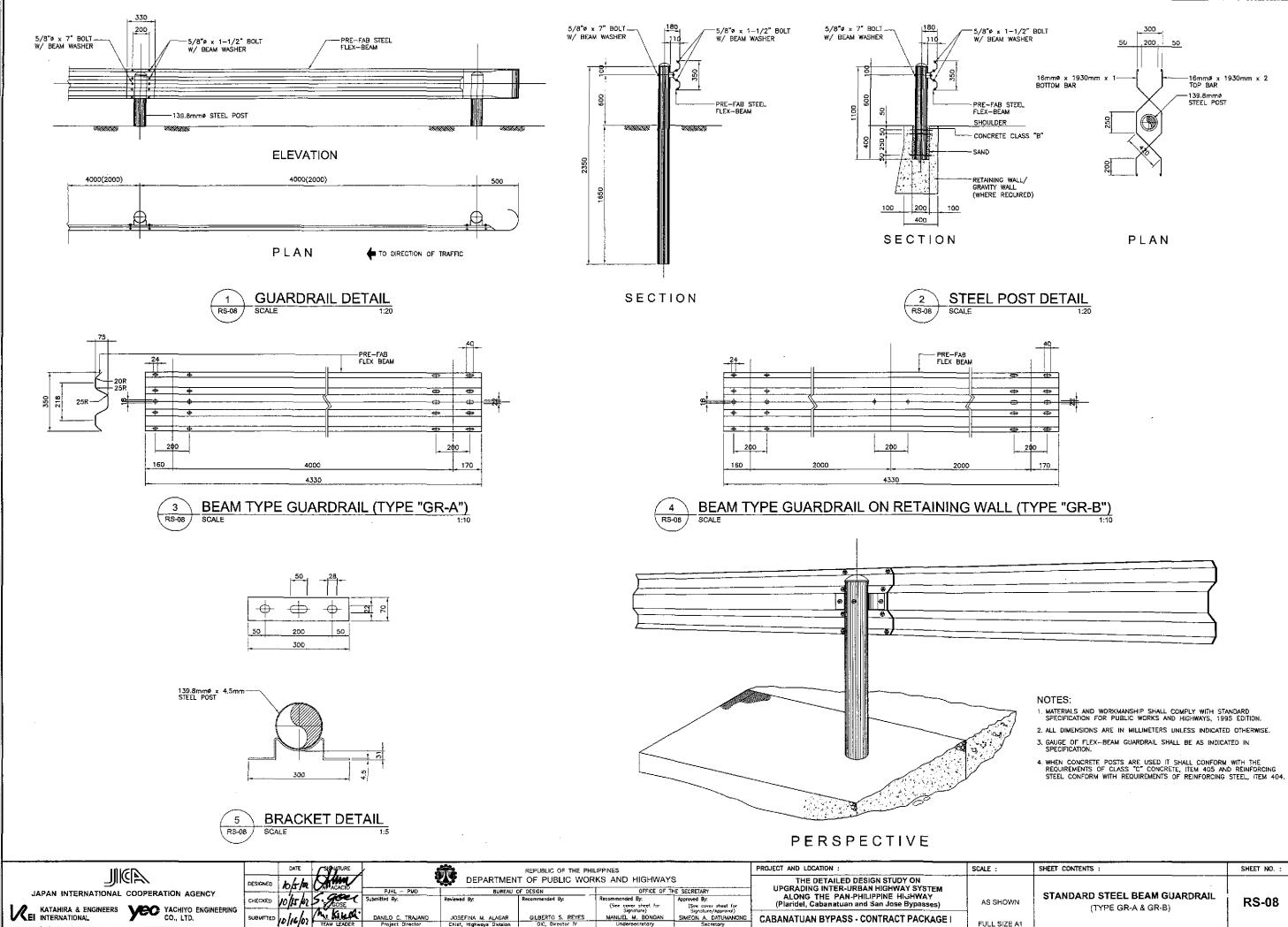
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# SCALE

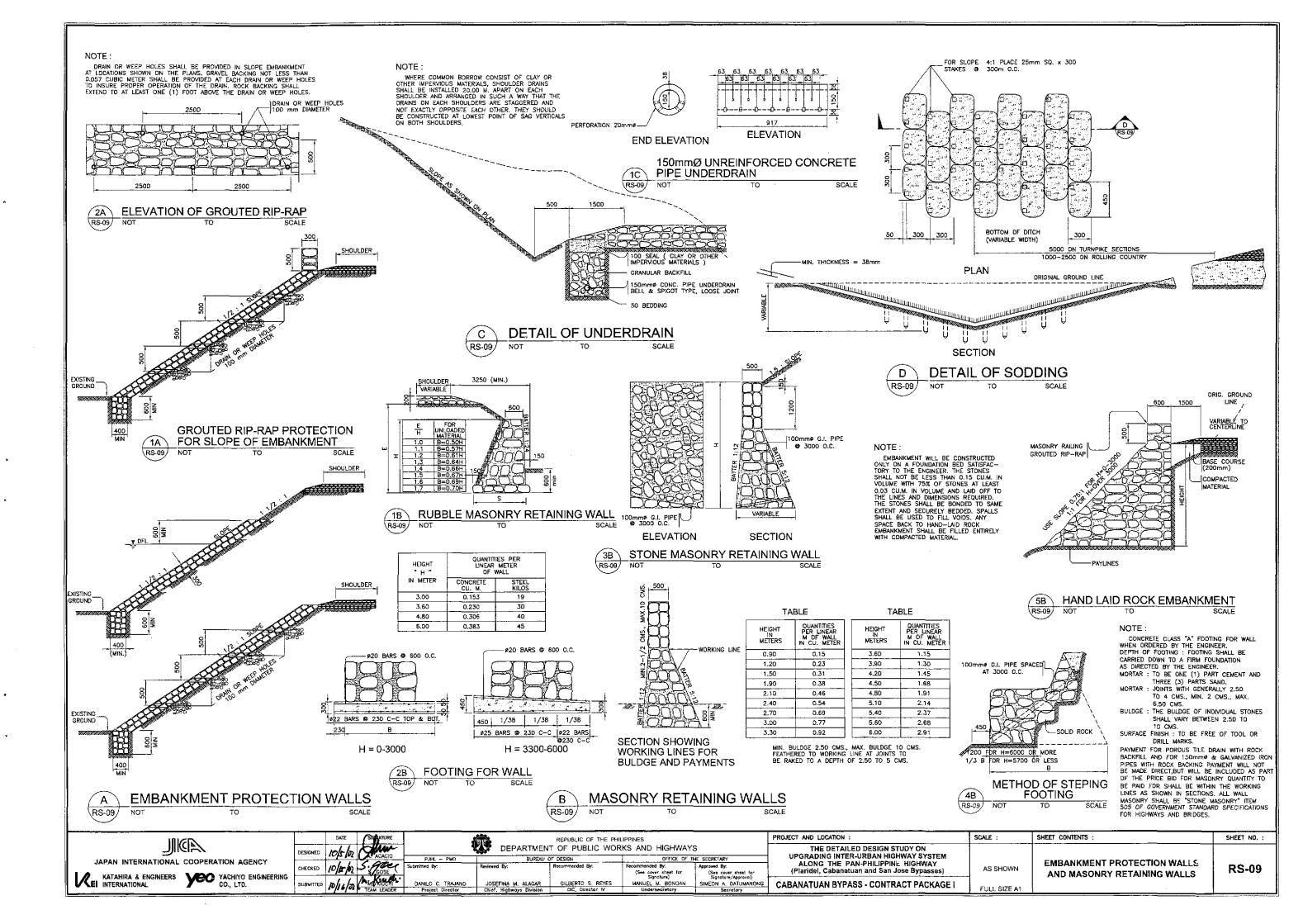
LE :	SHEET CONTENTS :	SHEET NO. :
DT TO SCALE	CONCRETE CURB AND GUTTER DETAILS	RS-05

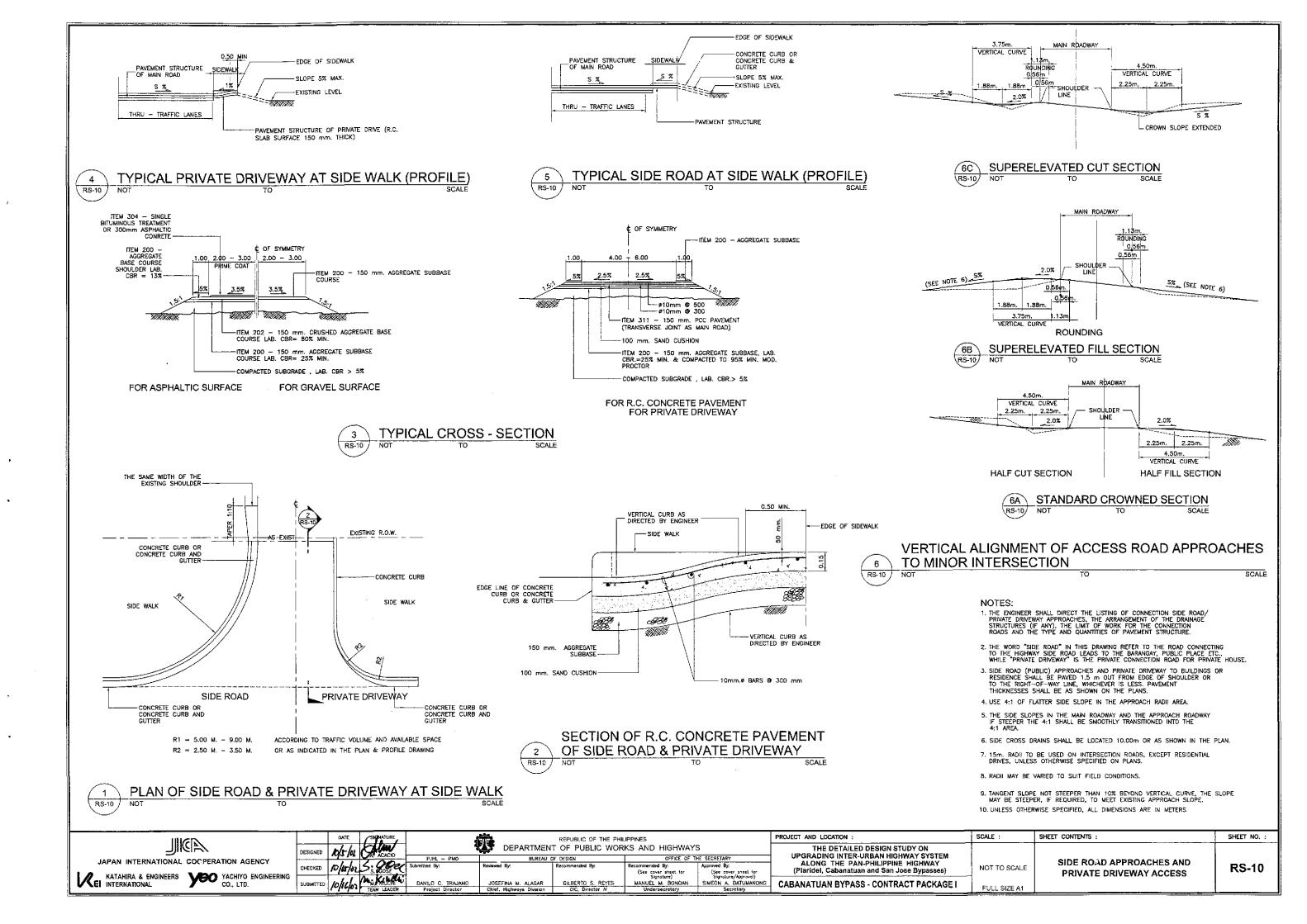


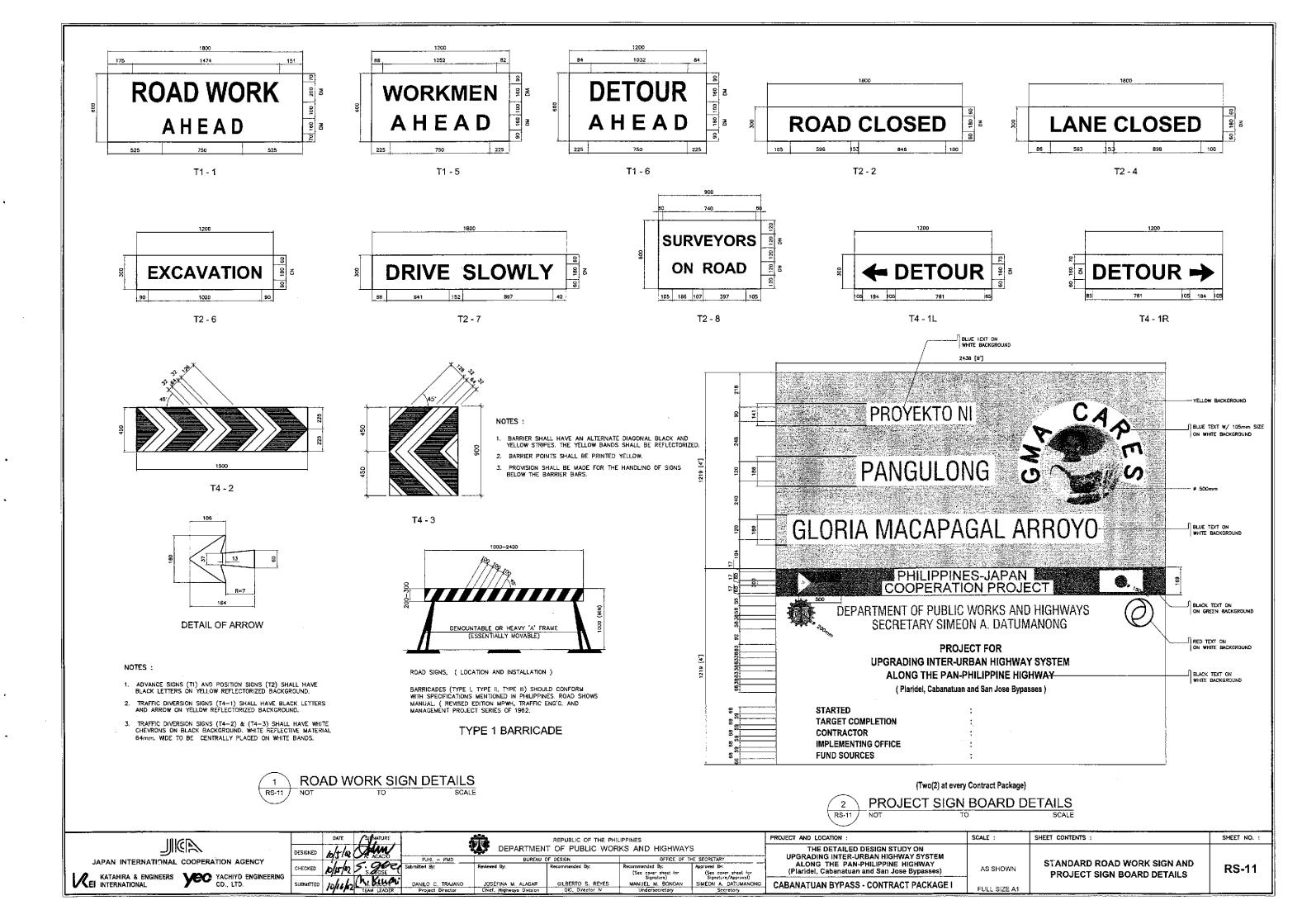


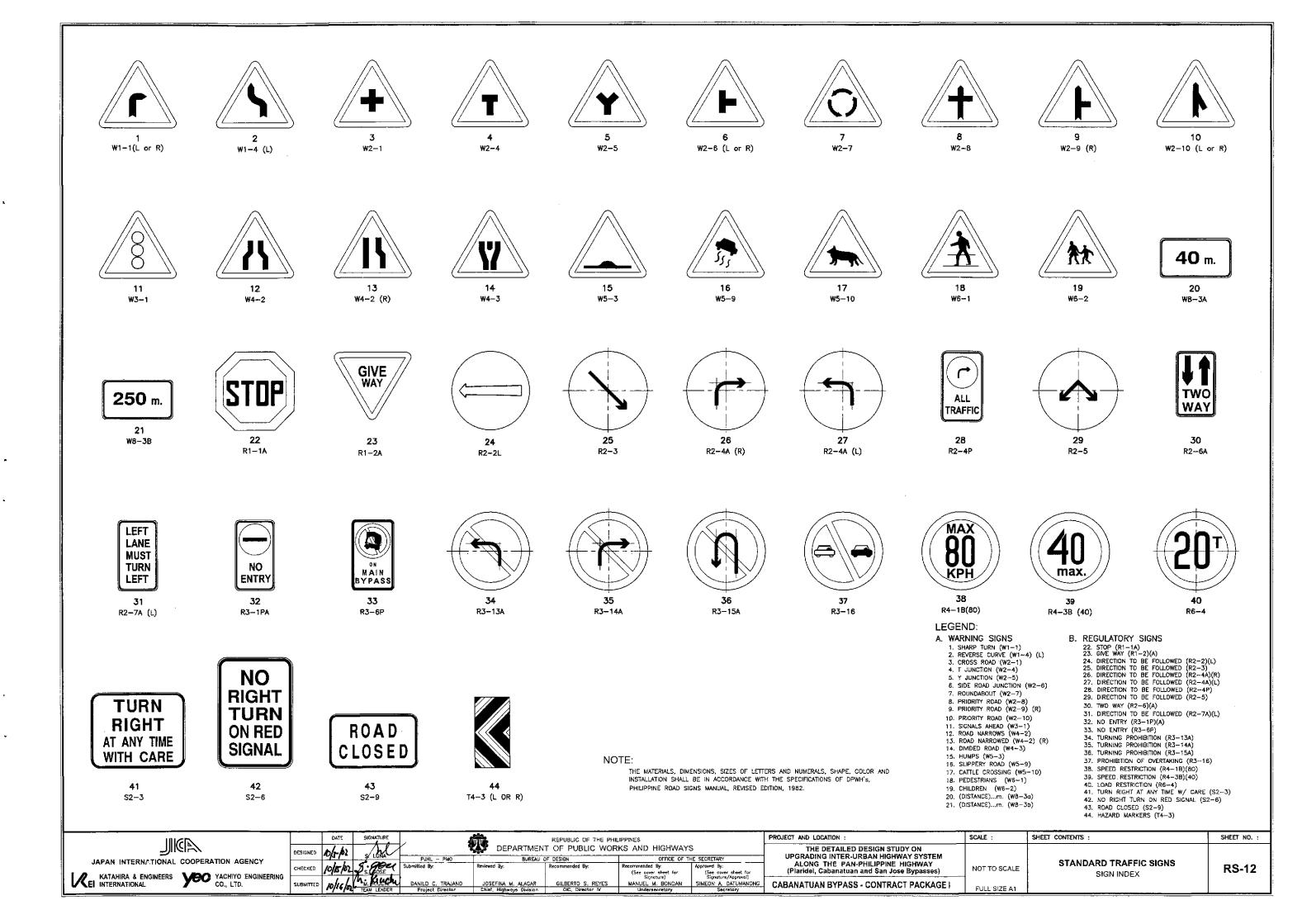


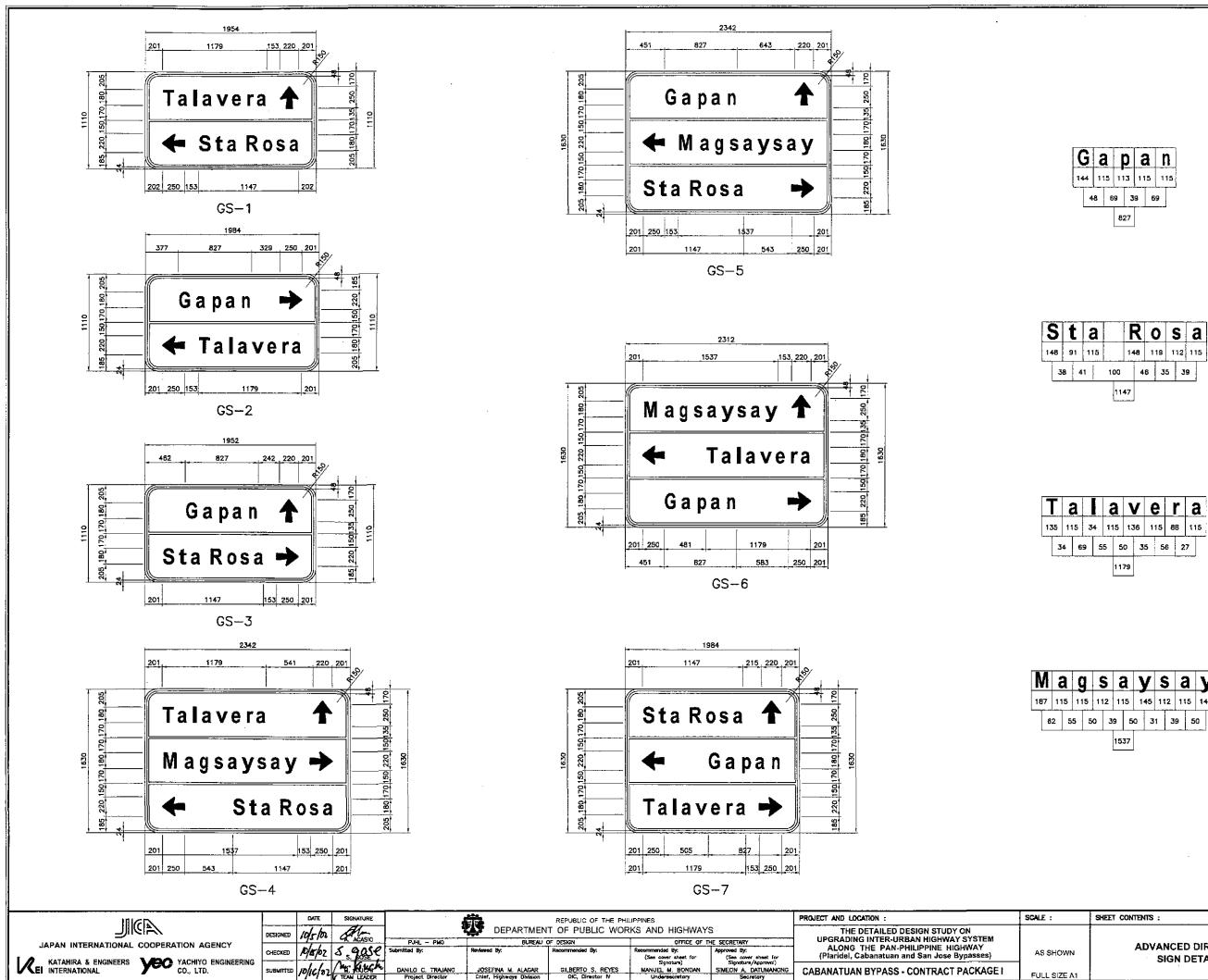
.E :	SHEET CONTENTS :	SHEET NO. :
IS SHOWN	STANDARD STEEL BEAM GUARDRAIL (TYPE GR-A & GR-B)	RS-08
JLL SIZE A1		





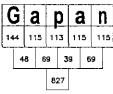






GILBERTO S. REYES

WANUEL M. BONDAN



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	8	2	5	5	5	٥	3	9	5	٥	3	1	3	9	5	a	
	•							15	37								

NE:	SHEET CONTENTS :	Sheet No. :
AS SHOWN ULL SIZE A1	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 × 600	2 × 65
1800 x 600	2 × 65
1600 x 1200	2 x 100
2400 x 600	2 x 100
2400 x 1200	2 × 125
2400 x. 1800	2 × 125
3000 x 600	2 x 100
3000 × 1200	2 × 125
3000 × 1800	2 × 150
3000 x 2400	2 × 150
3700 x 600	2 × 100
3700 x 1200	2 x 125
3700 x 1800	2 x 150
3700 x 2400	3 x 150
43Q0 x 800	2 x 100
4300 x 1200	2 x 125
4300 x 1800	3 x 150
4900 x 600	3 x 100
4900 x 1200	З × 125
4900 x 1800	3 x 150
5500 x 600	3 x 100
550D × 1200	3 x 125
5500 x 1800	3 x 150
6100 x 600	3 x 100
6100 x 1200	3 x 125
6100 x 1800	3 × 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.:

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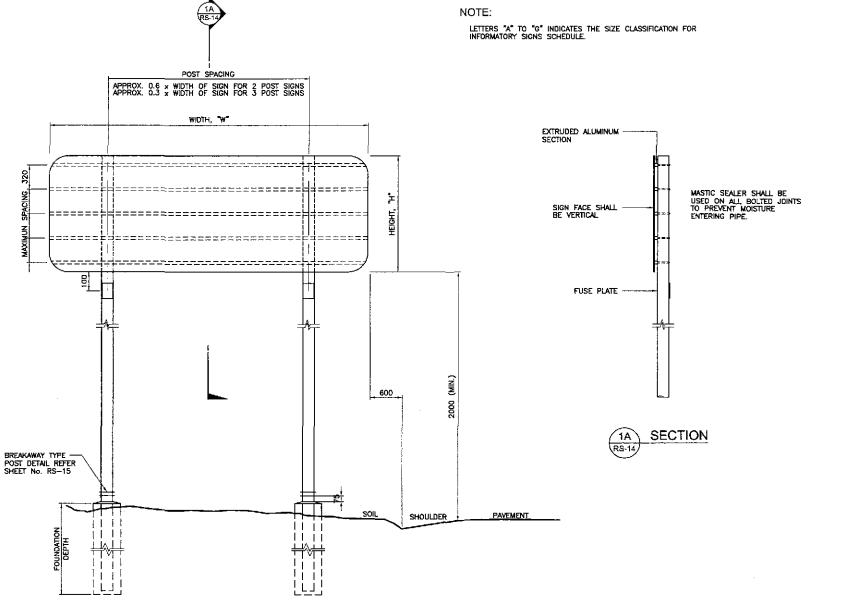
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- 1. THIS TABLE GIVES NUMBER AND SIZE OF GALVANIZED PIPE POSTS REQUIRED FOR SIGN SIZES SHOWN. ASSUMING UNDERSIDE OF SIGN IS 2.0m CLEAR ABOVE ROAD PAVEMENT. FOR SIGNS WITH CLEARANCES GREATER THAN 2.0m THE WIDTH USED IN THIS TABLE SHOULD BE THE ACTUAL 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	1 000		
125	425	1200		
150	450	1500		

	Н ≥ 900	H <u>≤</u> 1500	H ≦ 2100	H > 2100
W≦ 2100	A	В	B	-
W≦ 2700	B	c	с	-
₩≦ 3350	в	c	σ	σ
w≦ 4000	в	с	D	Ģ
W≦ 4600	в	с	G	G
W≥ 4600	E	F	G	G

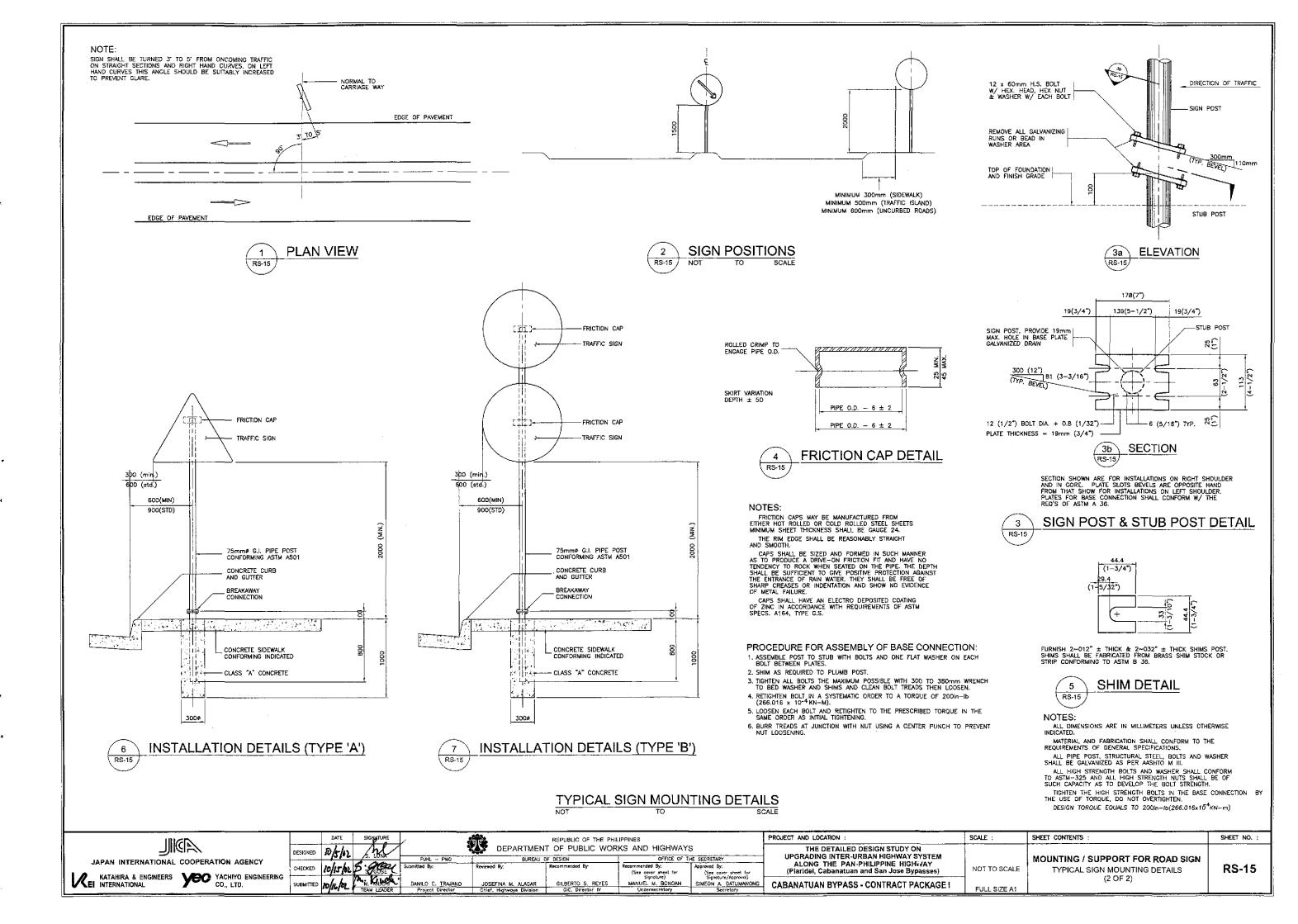


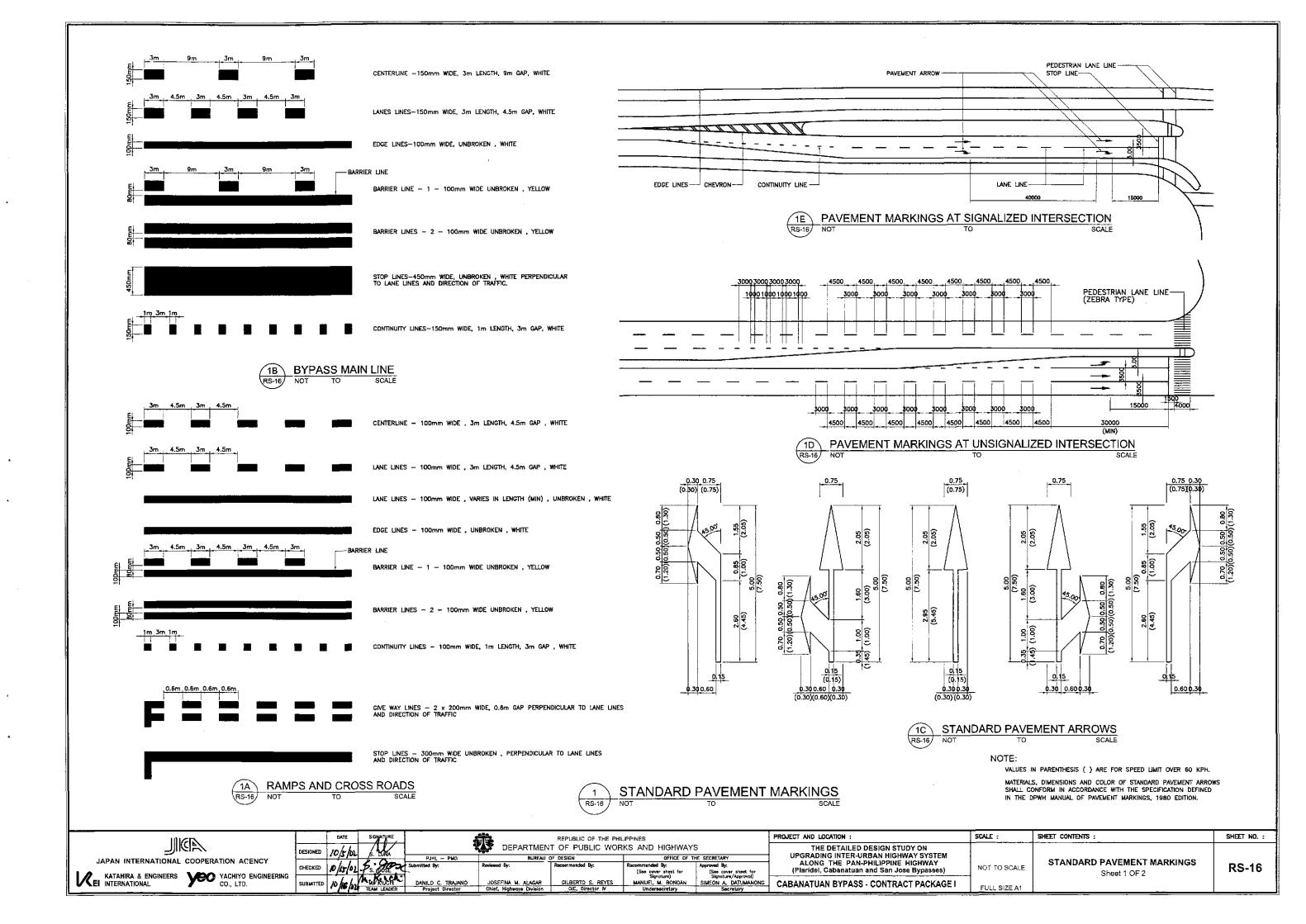


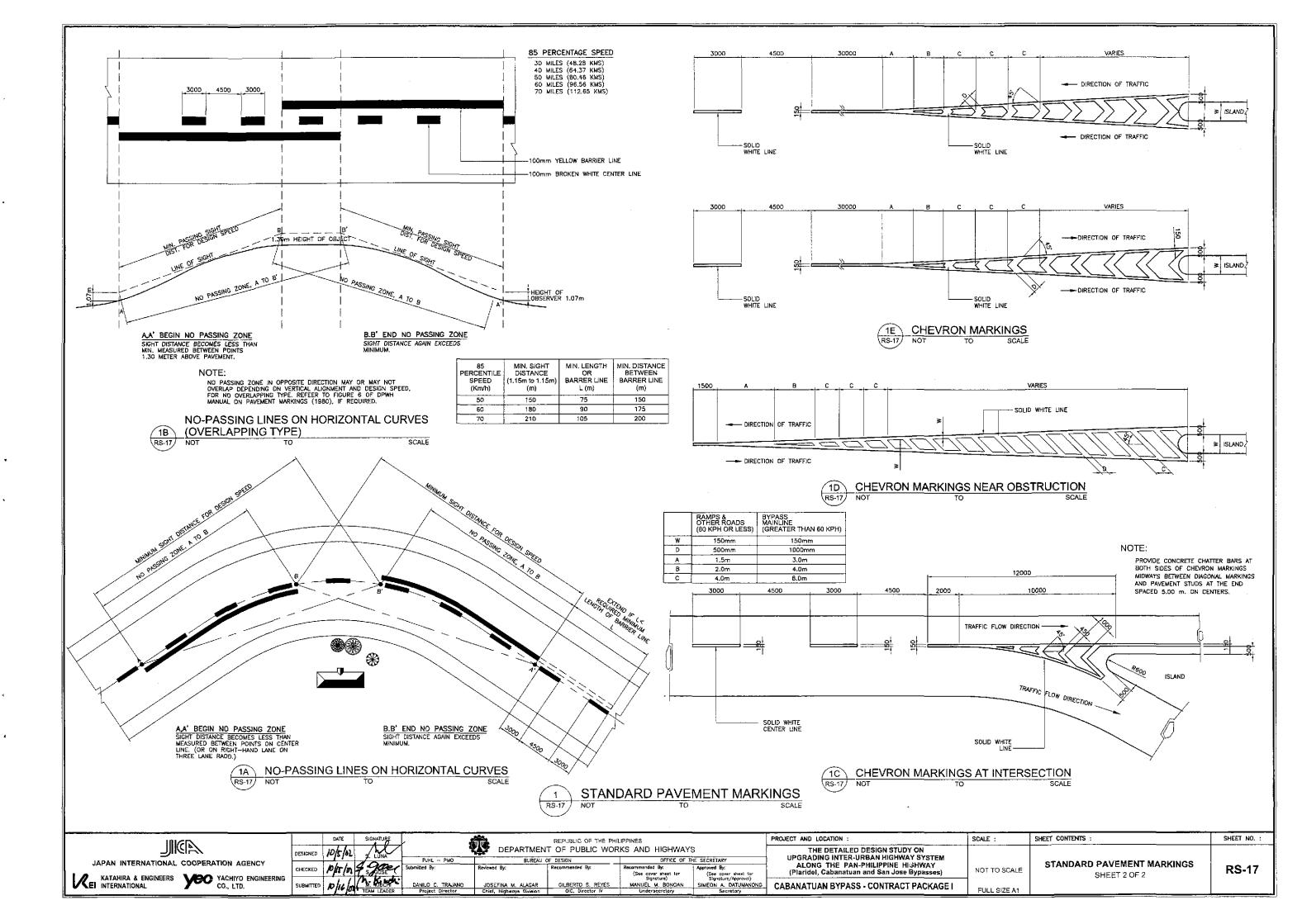
	DATE SIGNATURE		JEP INGO	PROJECT AND LOCATION :	SCALE :	SHEET CONTENTS :	SHEET NO. :
	DESIGNED 10/5/02 S. LUNA		KS AND HIGHWAYS	THE DETAILED DESIGN STUDY ON UPGRADING INTER-URBAN HIGHWAY SYSTEM		MOUNTING/SUPPORT FOR ROAD SIGN	
	CHECKED 10/15/02 S. CLASE SUE	bmitted By: Reviewed By: Recommended By:	Recommended By: (See cover sheet for Signeture) Approved By: (See cover sheet for Signeture/Approved)	ALONG THE PAN-PHILIPPINE HIGHWAY (Plaridel, Cabanatuan and San Jose Bypasses)	NOT TO SCALE	TYPICAL SIGN MOUNTING DETAILS (1 OF 2)	RS-14
CO., LTD.	SUBMITTED D/16/22 TEAN LEADER	DANILO_C. TRAJANO         JOSEFINA_M_ALAGAR         GILBERTO_S. REYES           Project Director         Chief, Highways Division         OIC, Director M	MANUEL M. BONDAN SIMEON A. DATUMANONG Undersecretary Secretary	CABANATUAN BYPASS - CONTRACT PACKAGE I	FULL SIZE At		

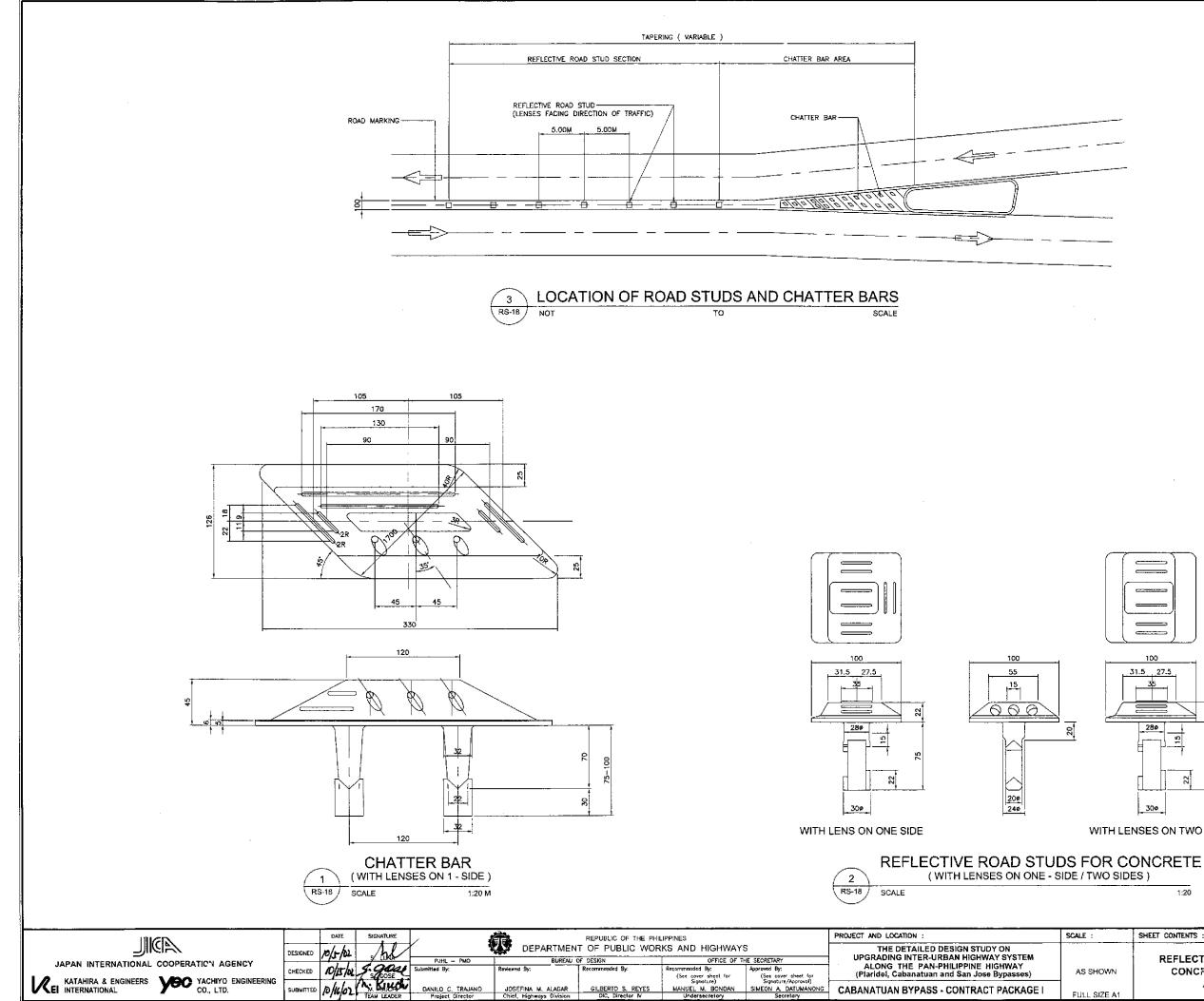
## CLASSIFICATION FOR INFORMATORY SIGN

NOTES:







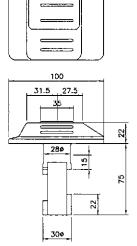


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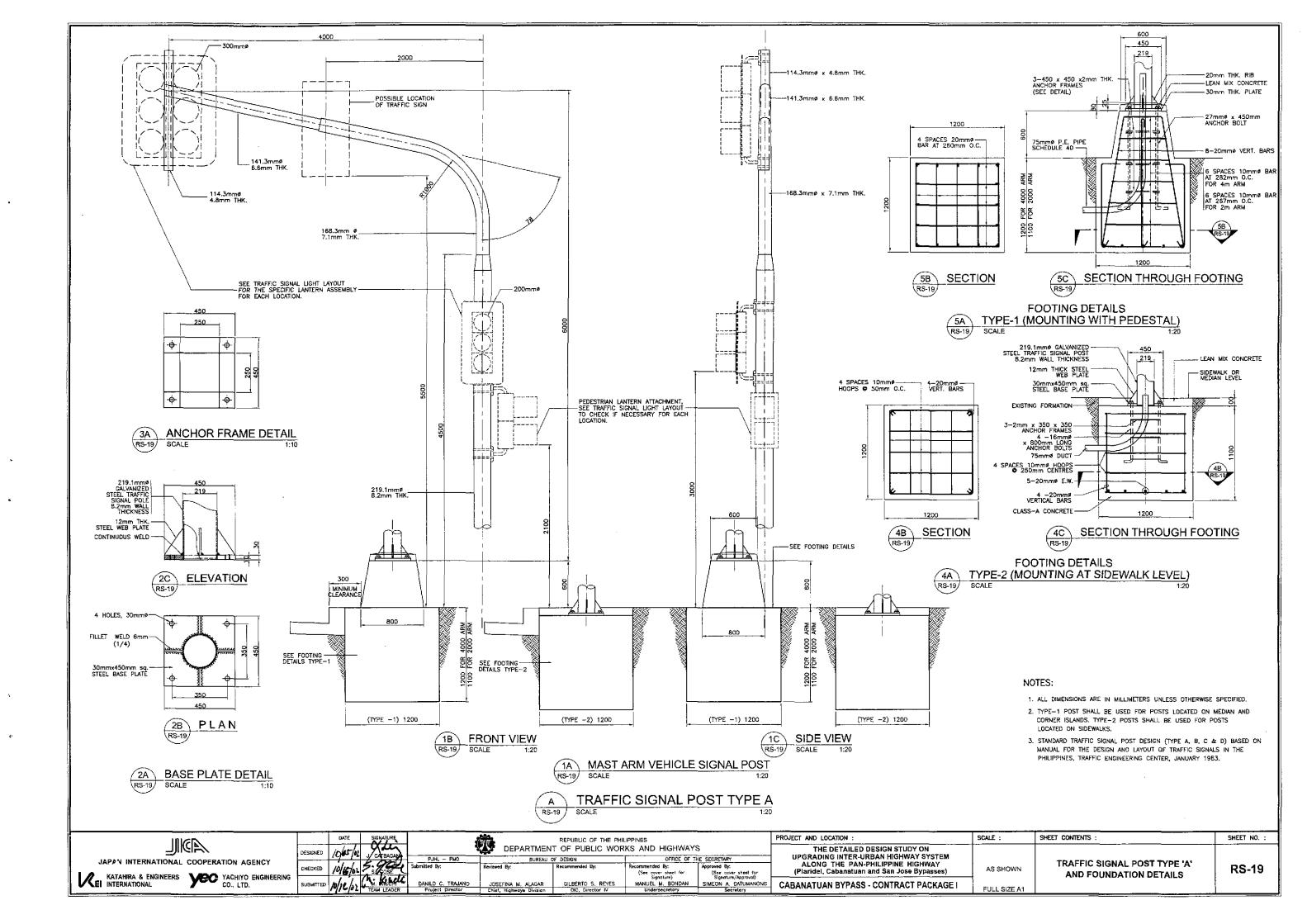
LE :	SHEET CONTENTS :	SHEET NO. :
IS SHOWN	REFLECTIVE ROAD STUDS AND CONCRETE CHATTER BAR AND DETAILS	RS-18

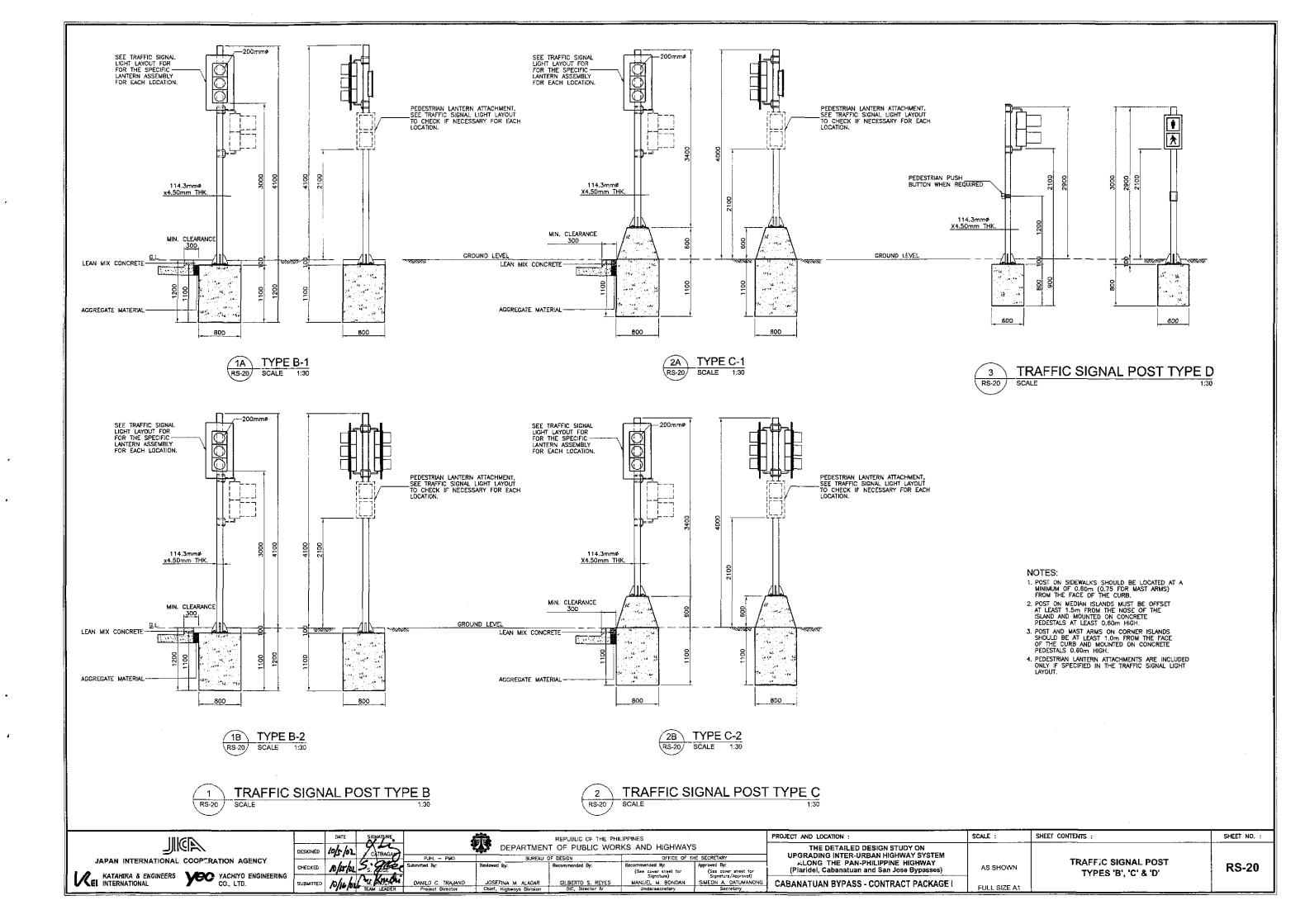
# 1:20

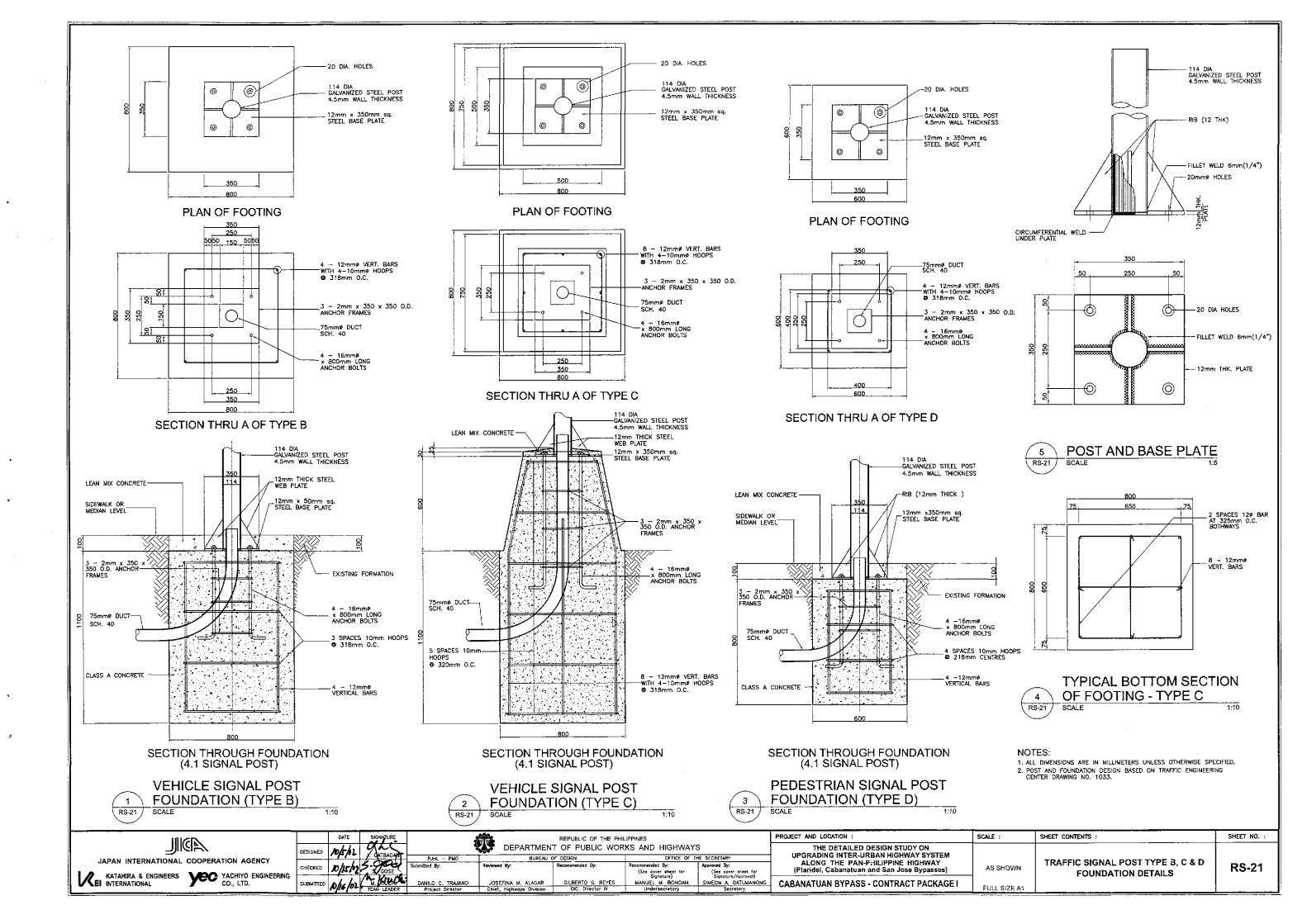
# WITH LENSES ON TWO SIDES

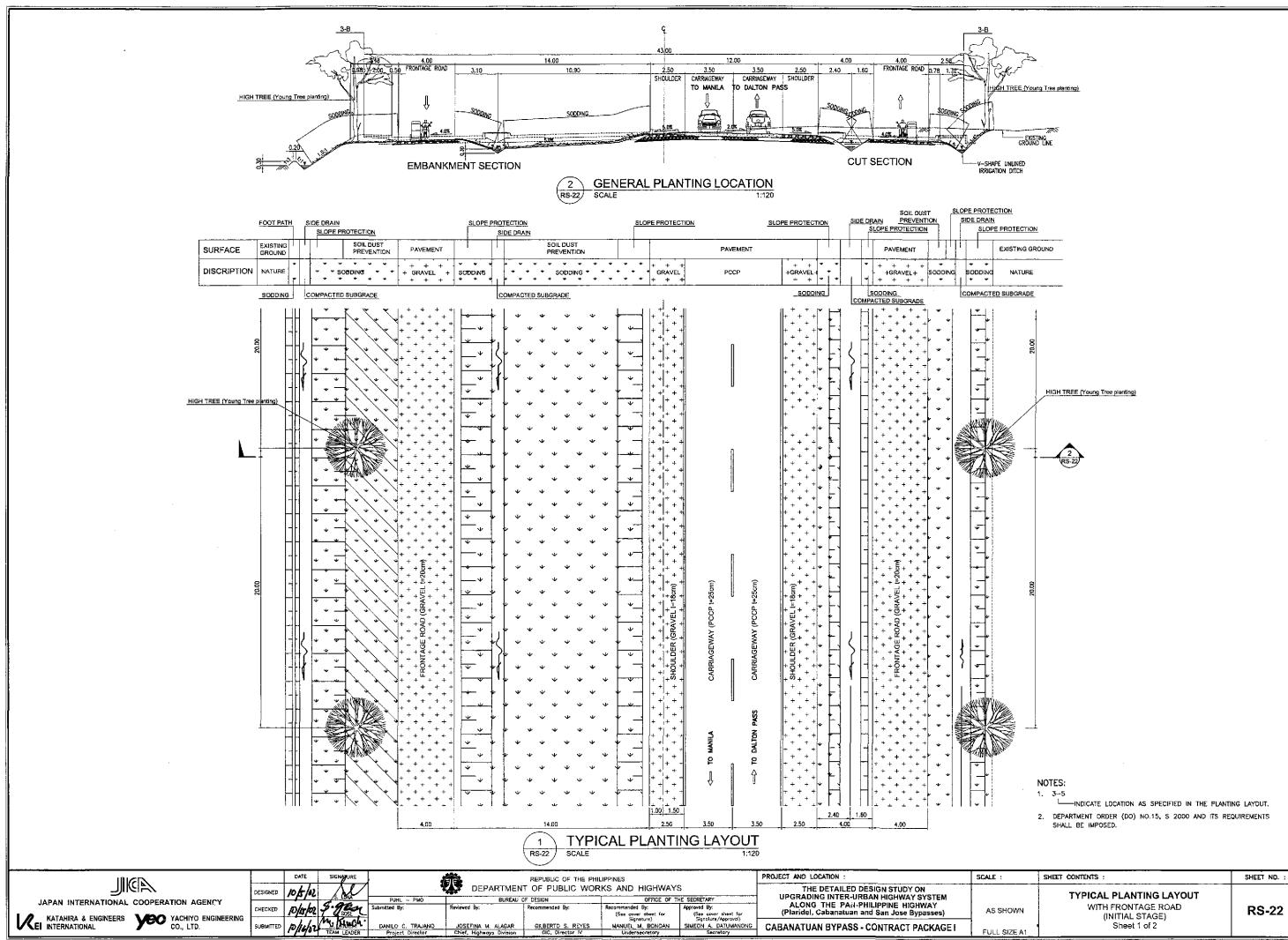


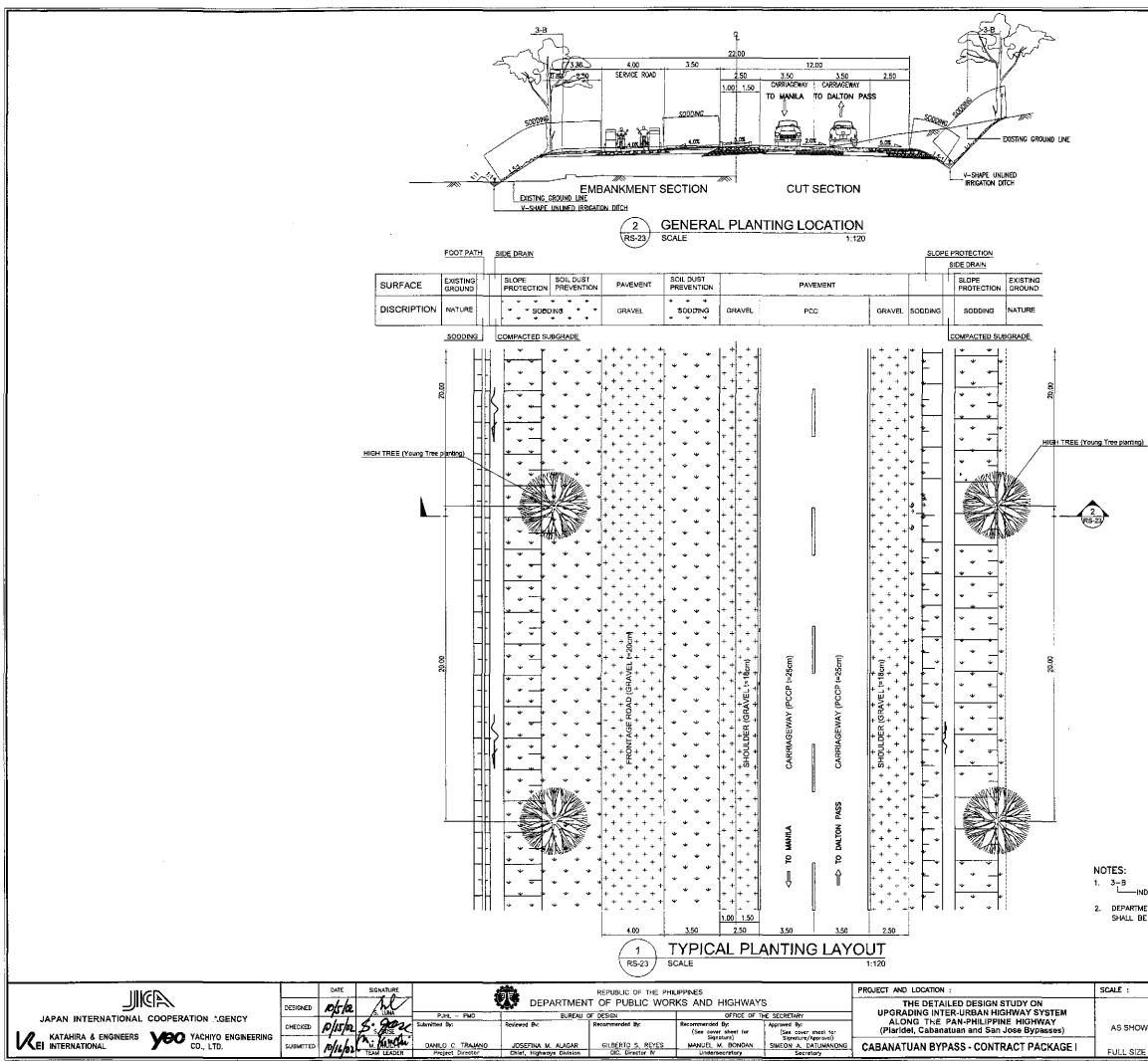
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INDICATE L	DCATION /	AS SPECIF	FIED IN THE	PLANTING	LAYOUT
DEPARTMENT ORD SHALL BE IMPOSE		NO.15, S	2000 AND	ΠS REQU	IREMENTS

LE :	SHEET CONTENTS :	SHEET NO. :
IS SHOWN	TYPICAL PLANTING LAYOUT WITHOUT FRONTAGE ROAD (INITIAL STAGE)	RS-23

