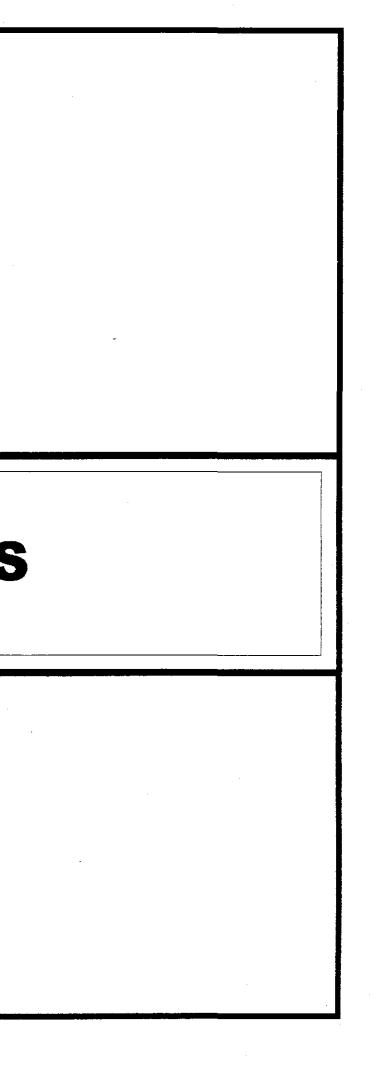
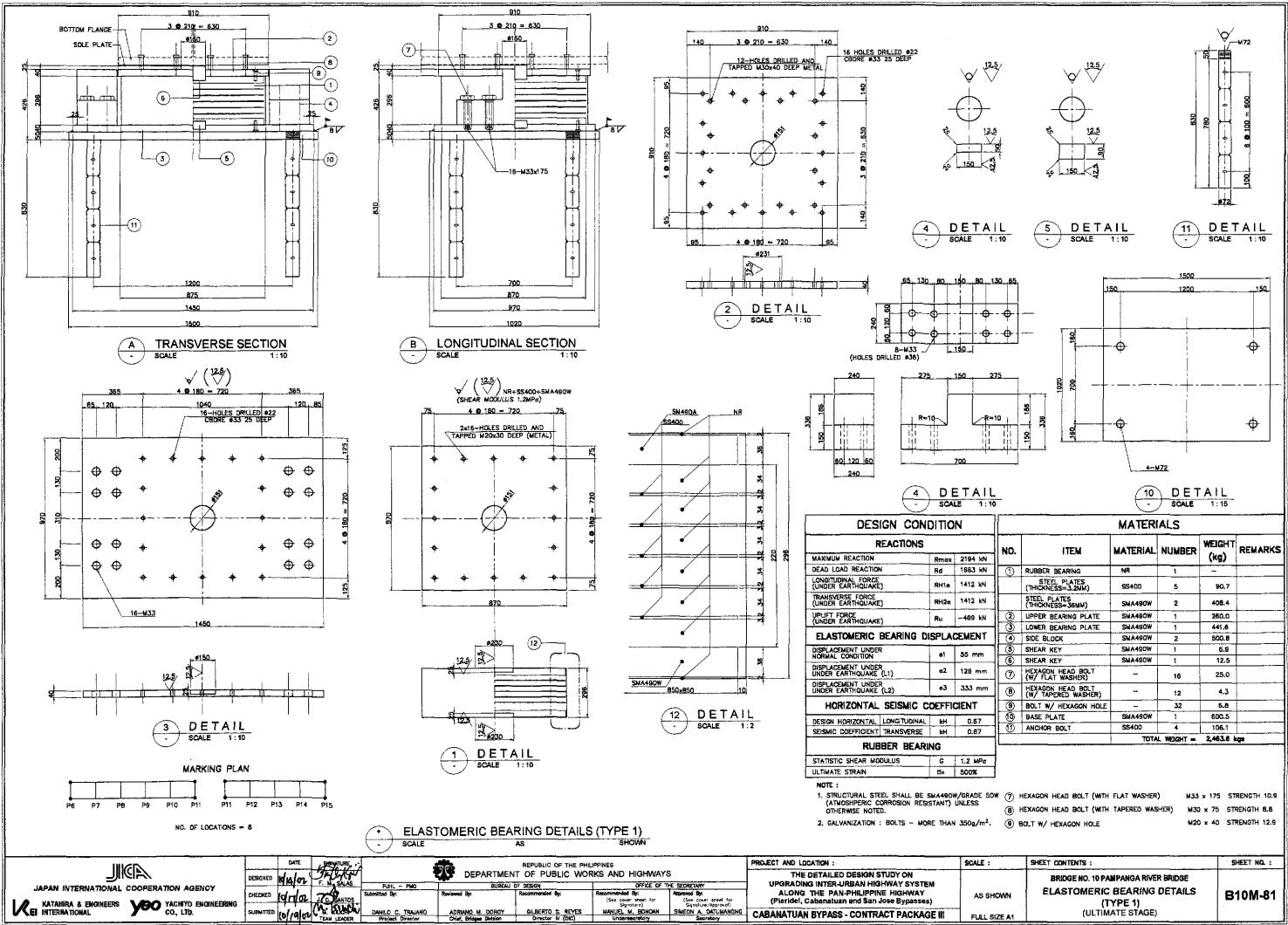
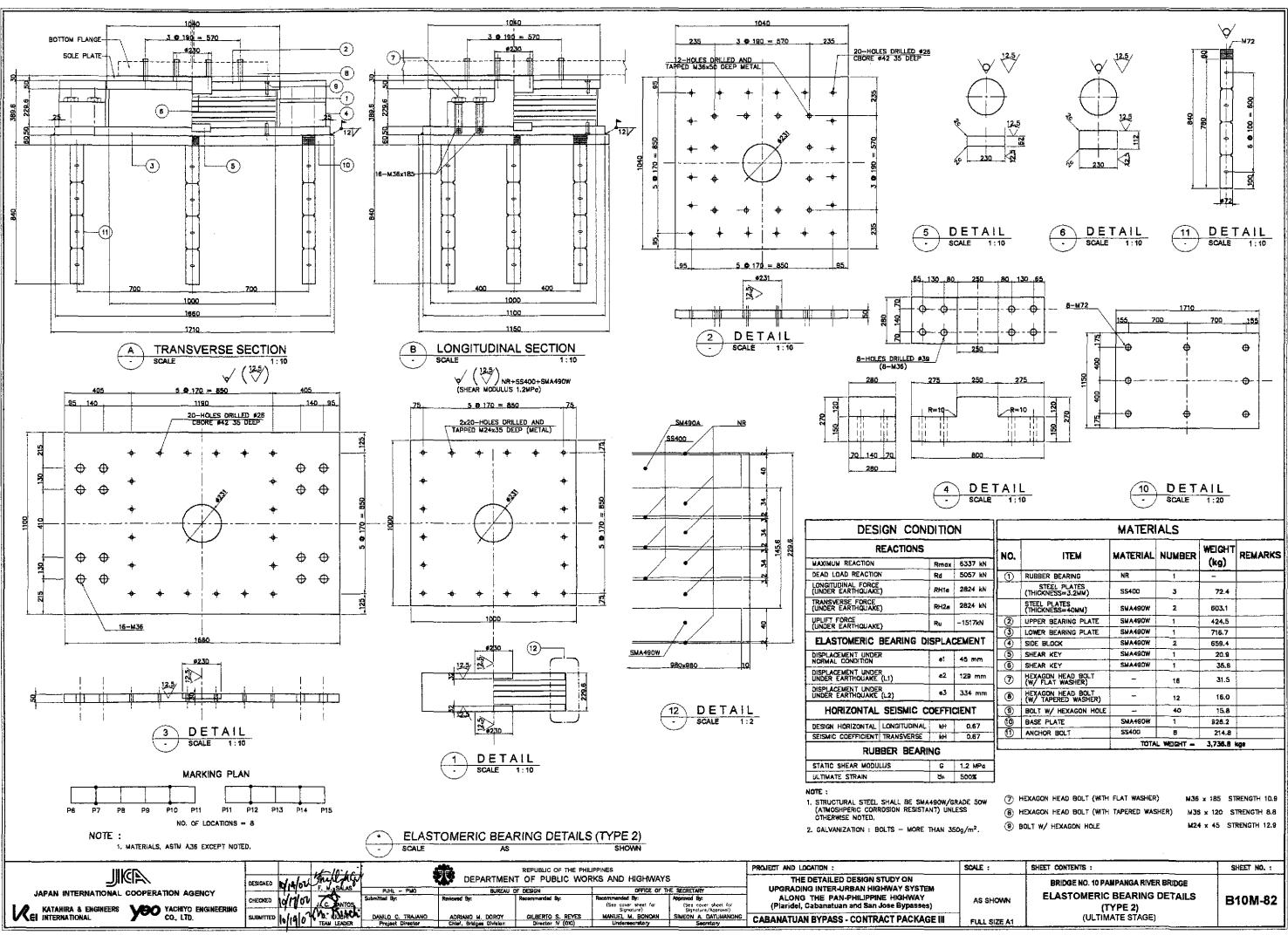
MISCELLANEOUS DRAWINGS

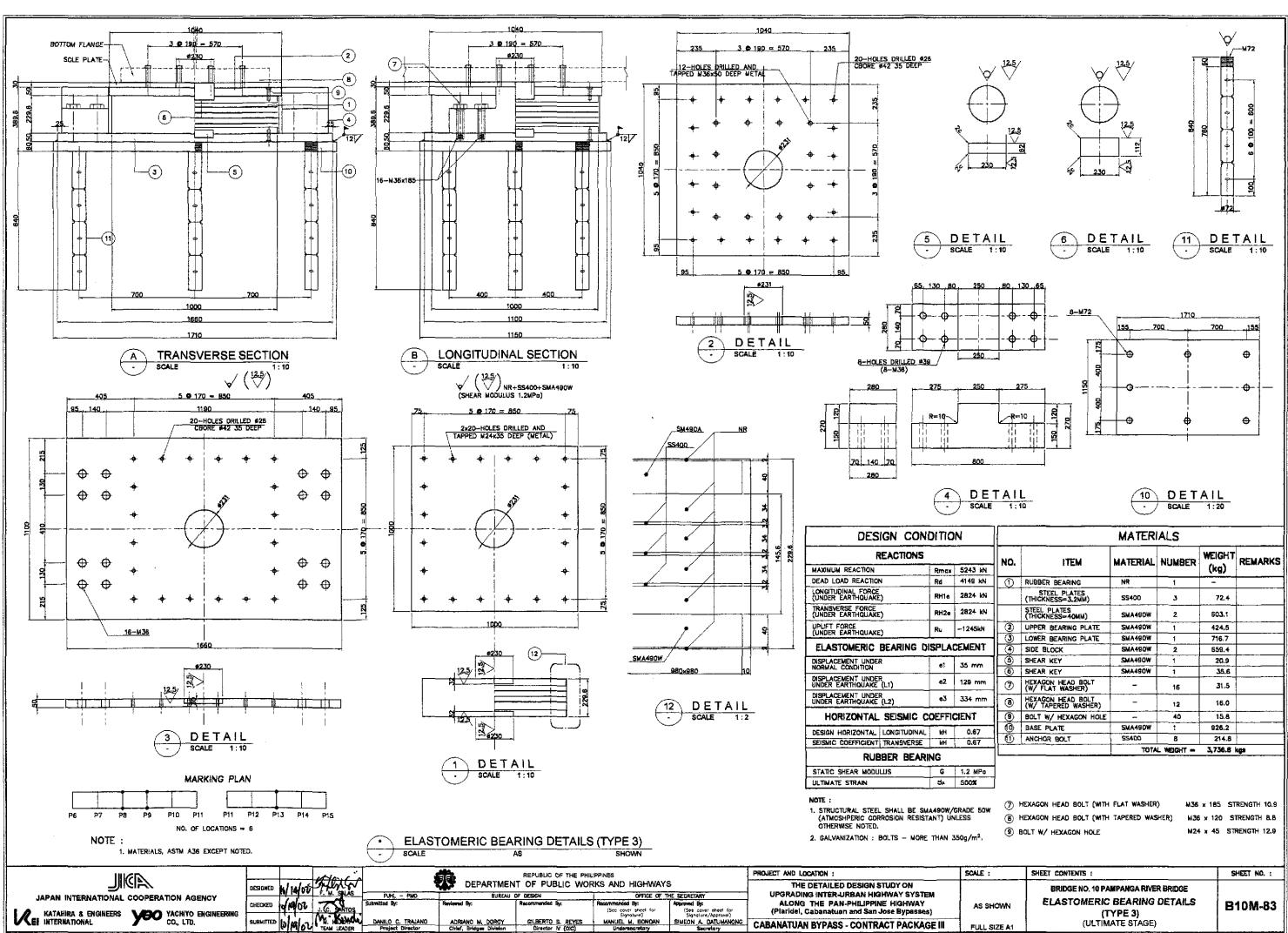




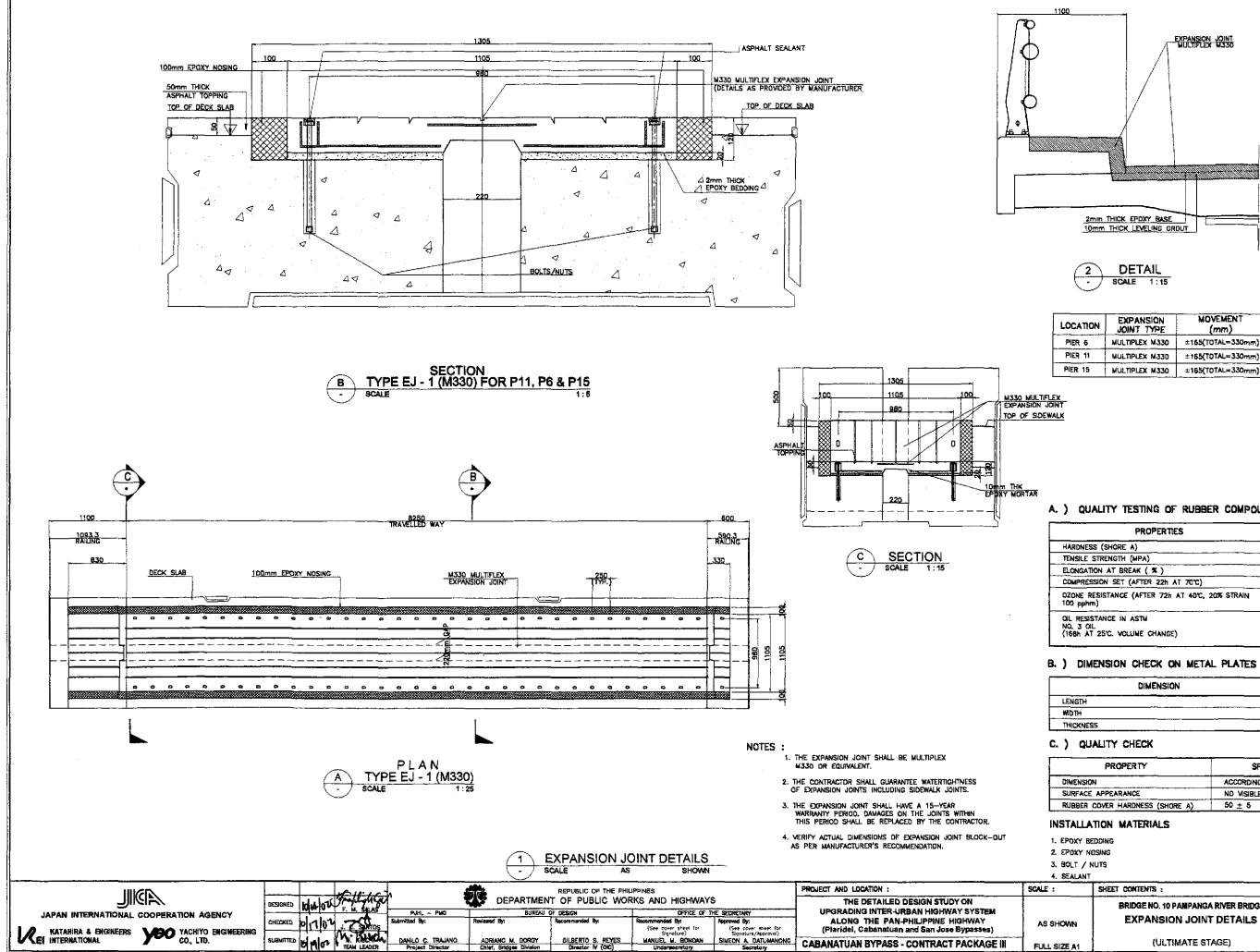
(ULTIMATE STAGE)



MMN	ELASTOMERIC BEARING DETAILS
	(TYPE 2)
E A1	(ULTIMATE STAGE)
_	<u> </u>



2WN	(TYPE 3)	B10M
ZE A1	(ULTIMATE STAGE)	1



LOCATION	EXPANSION JOINT TYPE	MOVEMENT (mm)	LENGTH (m)
PIER 6	MULTIPLEX M330	±165(T0TAL=330mm)	10.00
PIER 11	MULTIPLEX M33D	±165(T0TAL=330mm)	10.00
PIER 15	MULTIPLEX M330	±165(T0TAL=330mm)	10.00

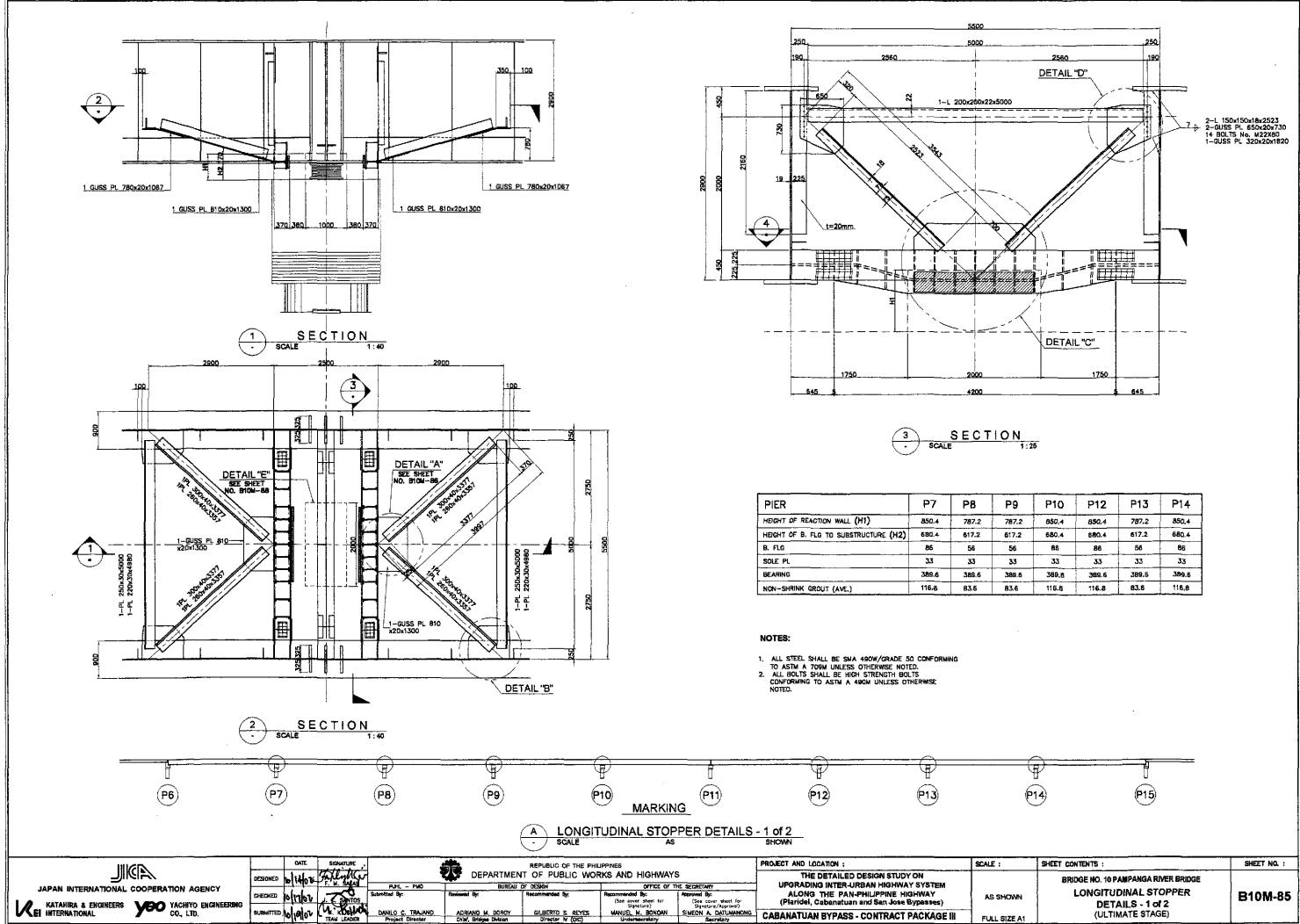
A.) QUALITY TESTING OF RUBBER COMPOUND

PROPERTIES	SPECIFICATION
HARDNESS (SHORE A)	50 ± 5
TENSILE STRENGTH (MPA)	13 MIN
ELONGATION AT BREAK (%)	400 MIN
COMPRESSION SET (AFTER 22h AT 70°C)	20% MAX
OZONE RESISTANCE (AFTER 72h AT 40°C, 20% STRAIN 100 pphm)	NO DRACK
OIL RESISTANCE IN ASTM NO. 3 OIL (1984: AT 25°C. VOLUME CHANGE)	15% MAX

DIMENSION	SPECIFICATION
LENGTH	± 1
WDTH	0 TD -1.5 MIN
THICKNESS	<u> </u>

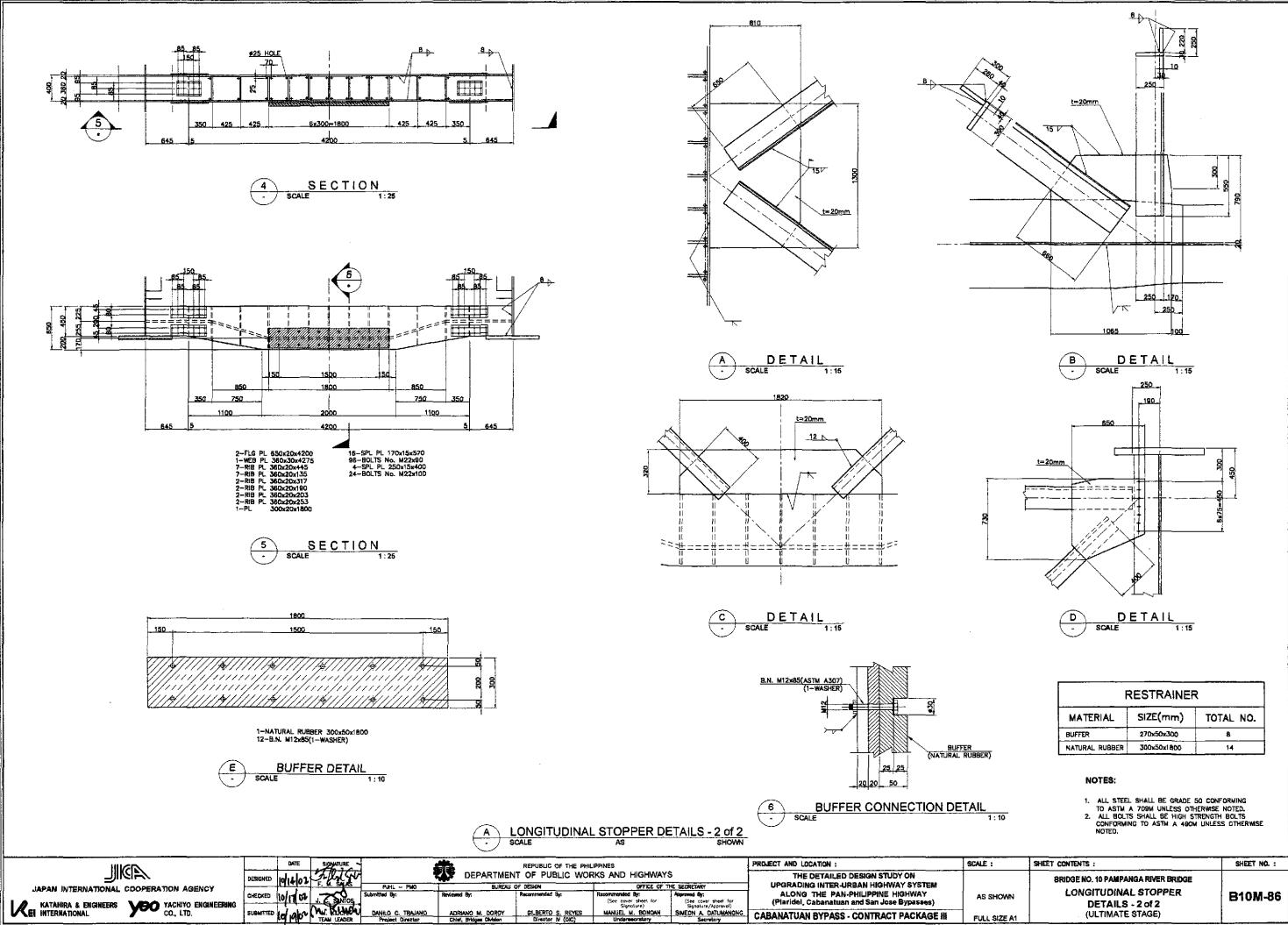
PROPERTY	SPECIFICATION
DIMENSION	ACCORDING TO PRODUCT DRAWING
SURFACE APPEARANCE	NO VISIBLE CRACK
RUBBER COVER HARDNESS (SHORE A)	50 ± 5

SHEET NO. : BRIDGE NO. 10 PAMPANGA RIVER BRIDGE EXPANSION JOINT DETAILS B10M-84



P9	P10	P12	P13	P14
787.2	850,4	85Q.4	787.2	850,4
617.2	680,4	680.4	617.2	680.4
56	86	86	56	86
33	33	33	33	33
389.6	389.6	389.6	389.5	389.6
83.6	116.8	116.8	83.6	116,8
	<u> </u>			

ζ:	SHEET CONTENTS :	SHEET NO. :
SHOWN	BRIDGE NO. 10 PAMPANGA RIVER BRIDGE LONGITUDINAL STOPPER DETAILS - 1 of 2 (ULTIMATE STAGE)	B10M-85



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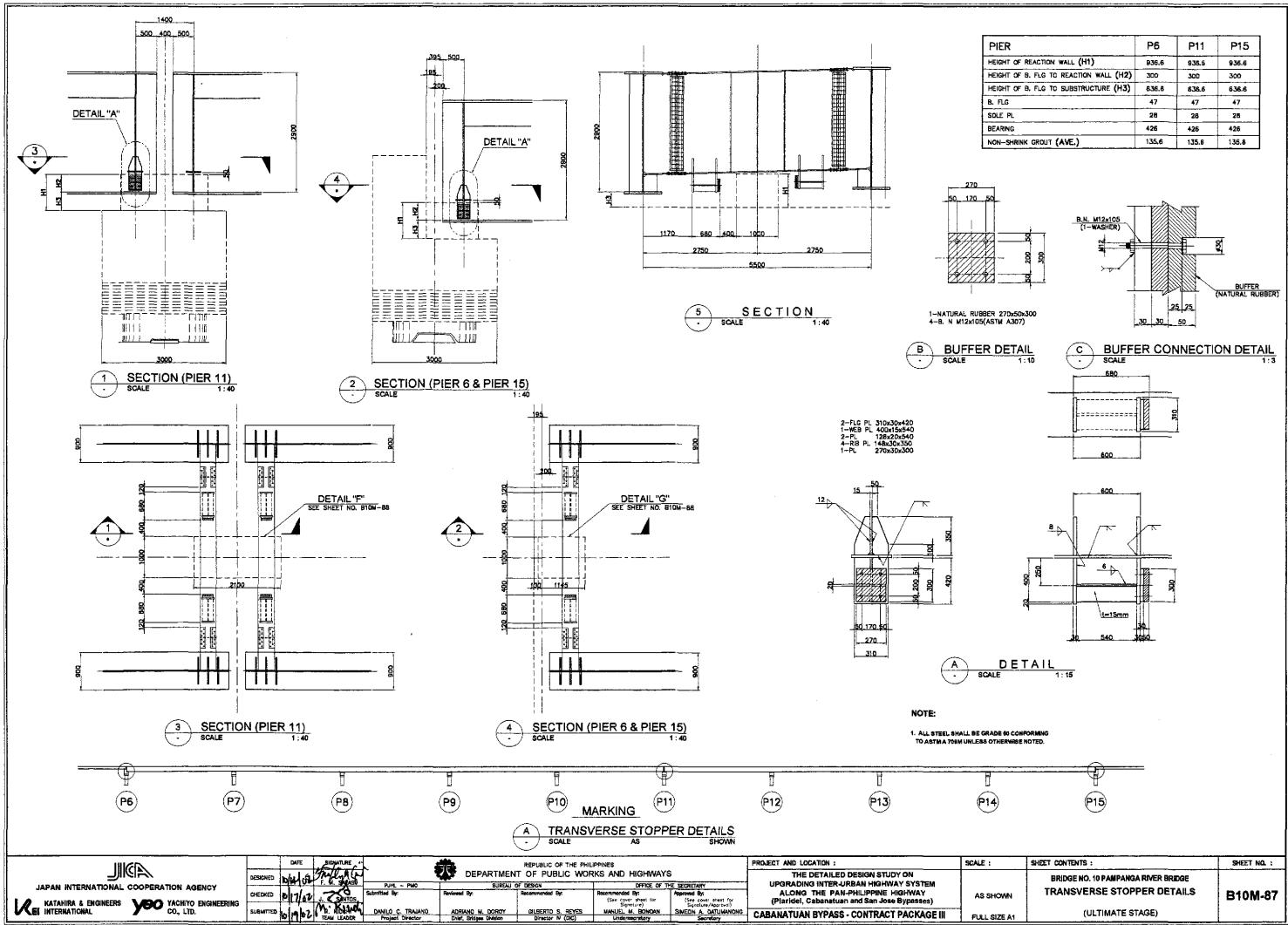
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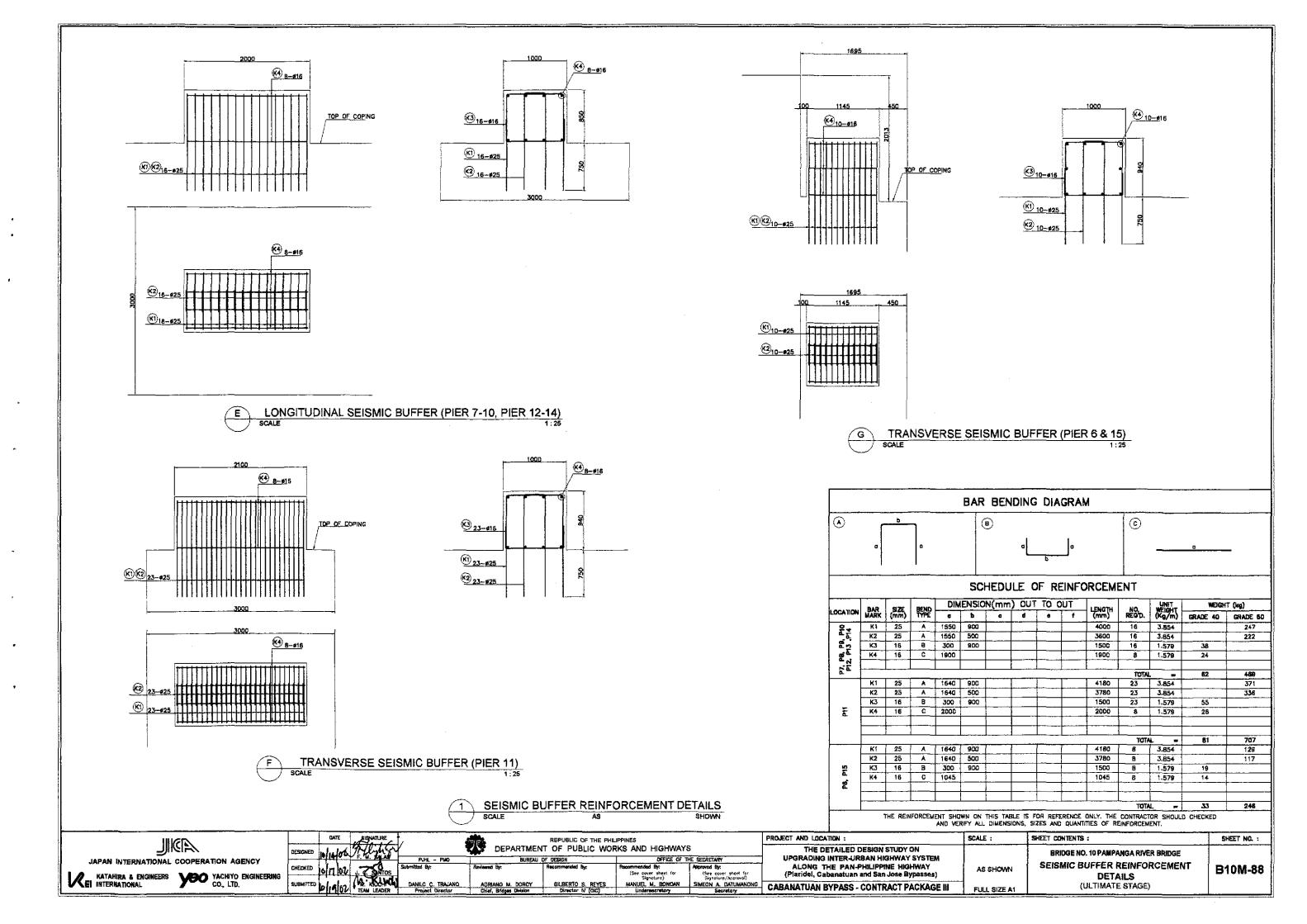
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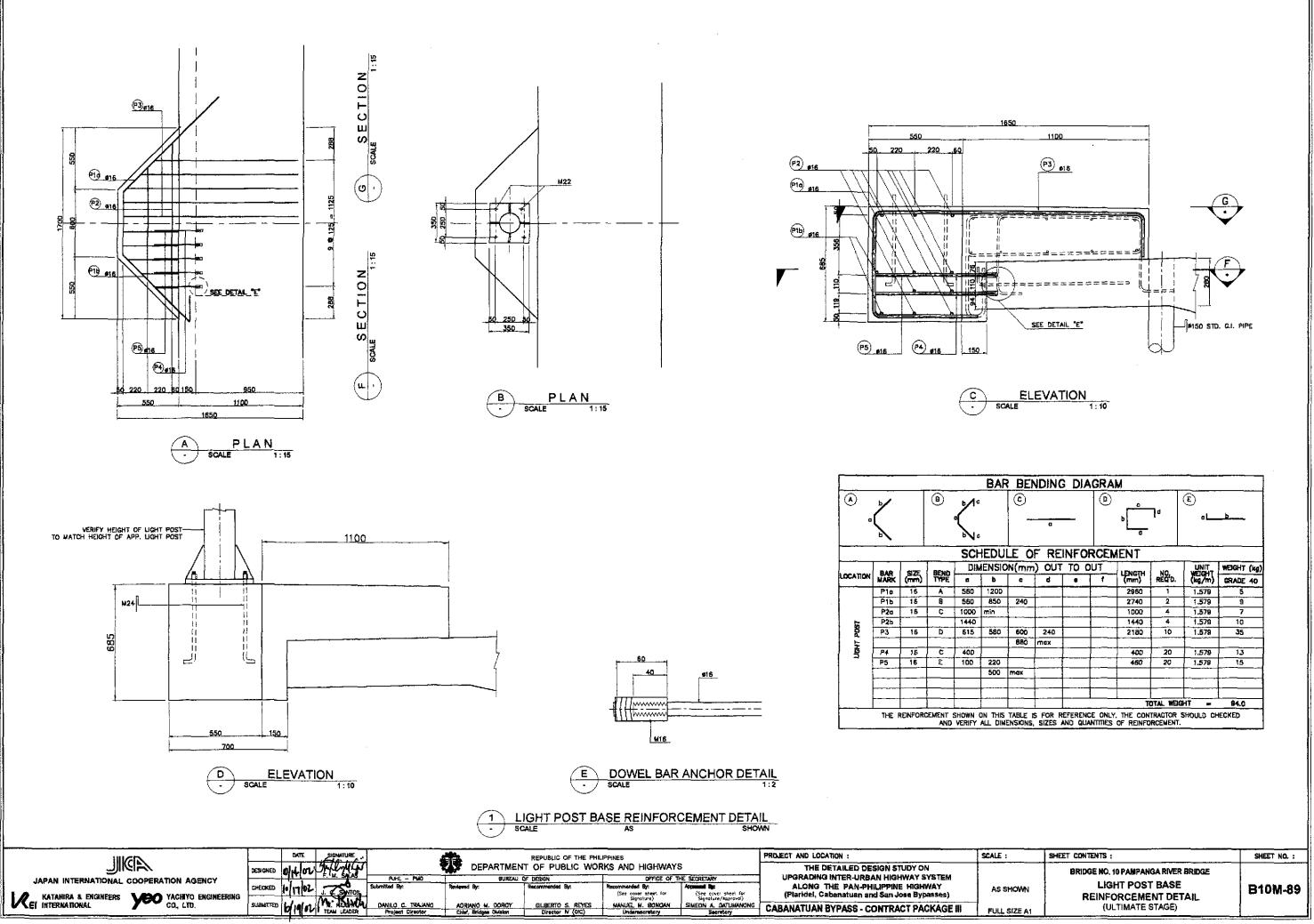
RESTRAINER			
MATERIAL SIZE(mm) TOTAL NO.			
BUFFER	270x50x300	8	
NATURAL RUBBER 300x50x1800 14			

:	SHEET CONTENTS :	SHEET NO. :
SHOWN SIZE A1	BRIDGE NO. 10 PAMPANGA RIVER BRIDGE LONGITUDINAL STOPPER DETAILS - 2 of 2 (ULTIMATE STAGE)	B10M-86



		<u></u>	
PIER	P6	P11	P15
HEIGHT OF REACTION WALL (H1)	P36.6	936.6	936.6
HEIGHT OF B. FLG TO REACTION WALL (H2)	300	300	300
HEIGHT OF B. FLG TO SUBSTRUCTURE (H3)	636.6	636.6	636.6
B. FLG	47	47	47
SOLE PL	28	28	25
BEARING	426	426	426
NON-SHRINK GROUT (AVE.)	135.6	135.6	135.8

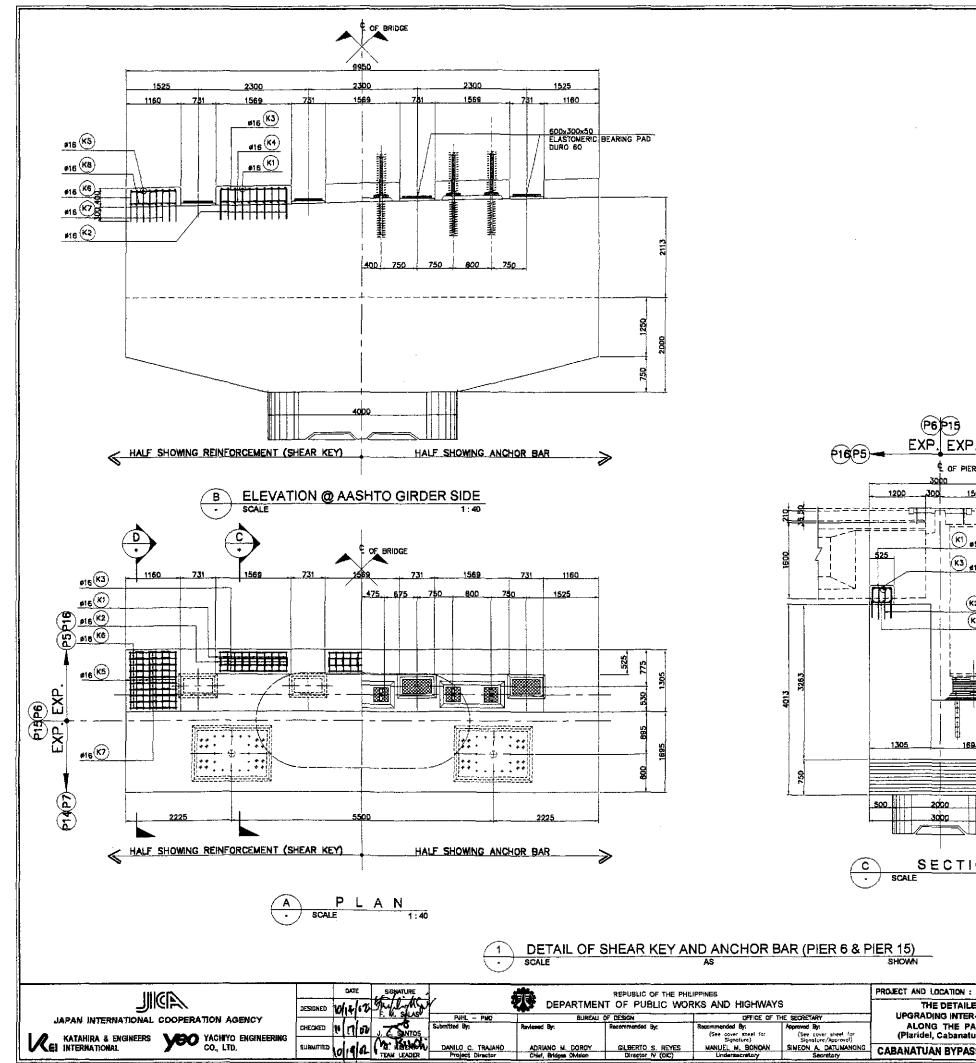


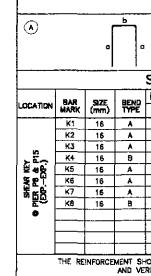


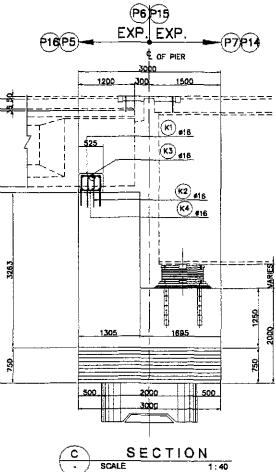
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:	SHEET CONTENTS :	SHEET NO. :
	BRIDGE NO, 10 PAMPANGA RIVER BRIDGE	
SHOWN	LIGHT POST BASE	B10M-89
	REINFORCEMENT DETAIL	
SIZE A1	(ULTIMATE STAGE)	

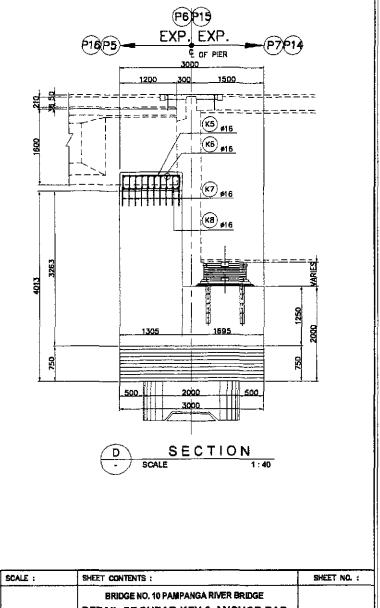




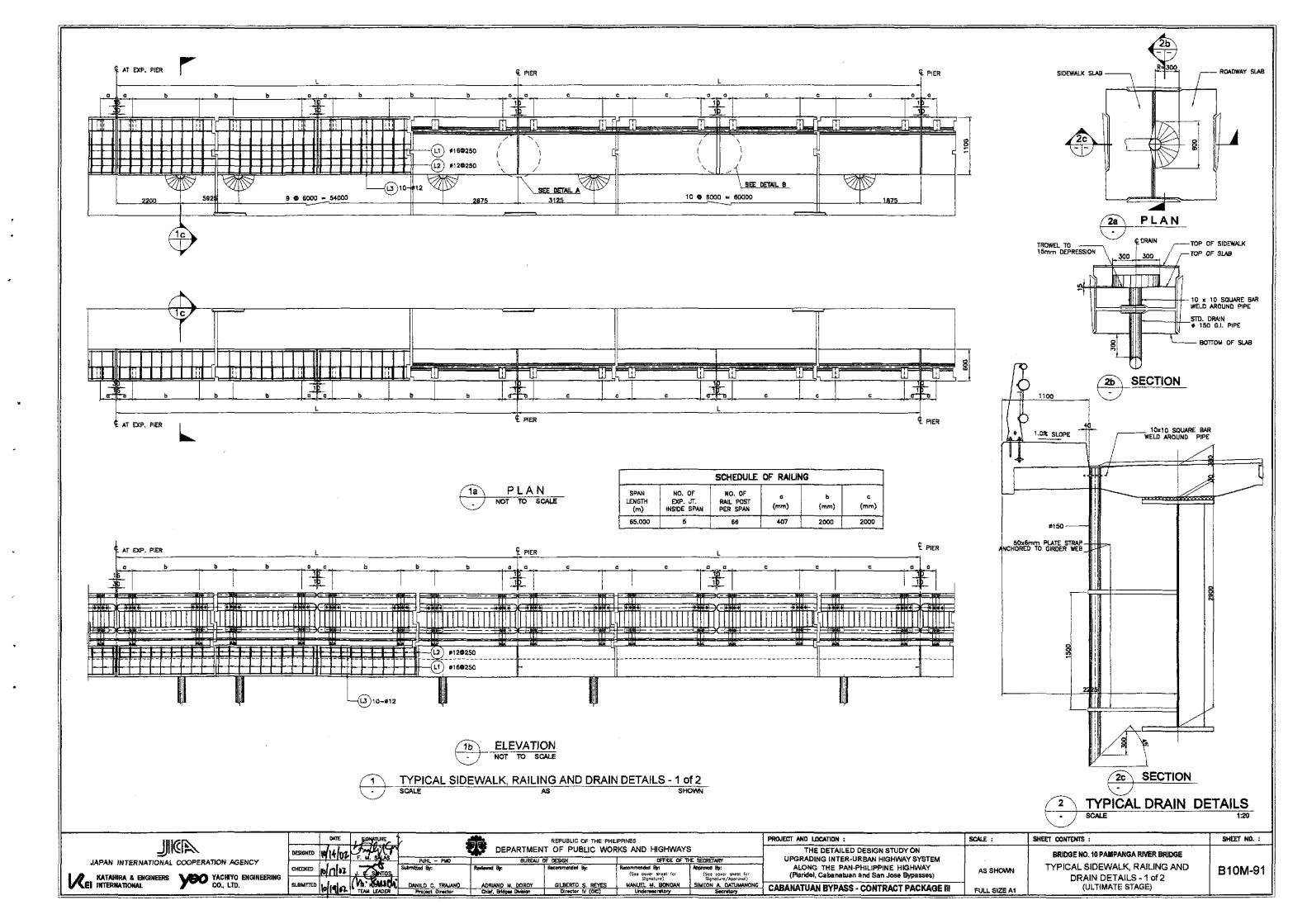


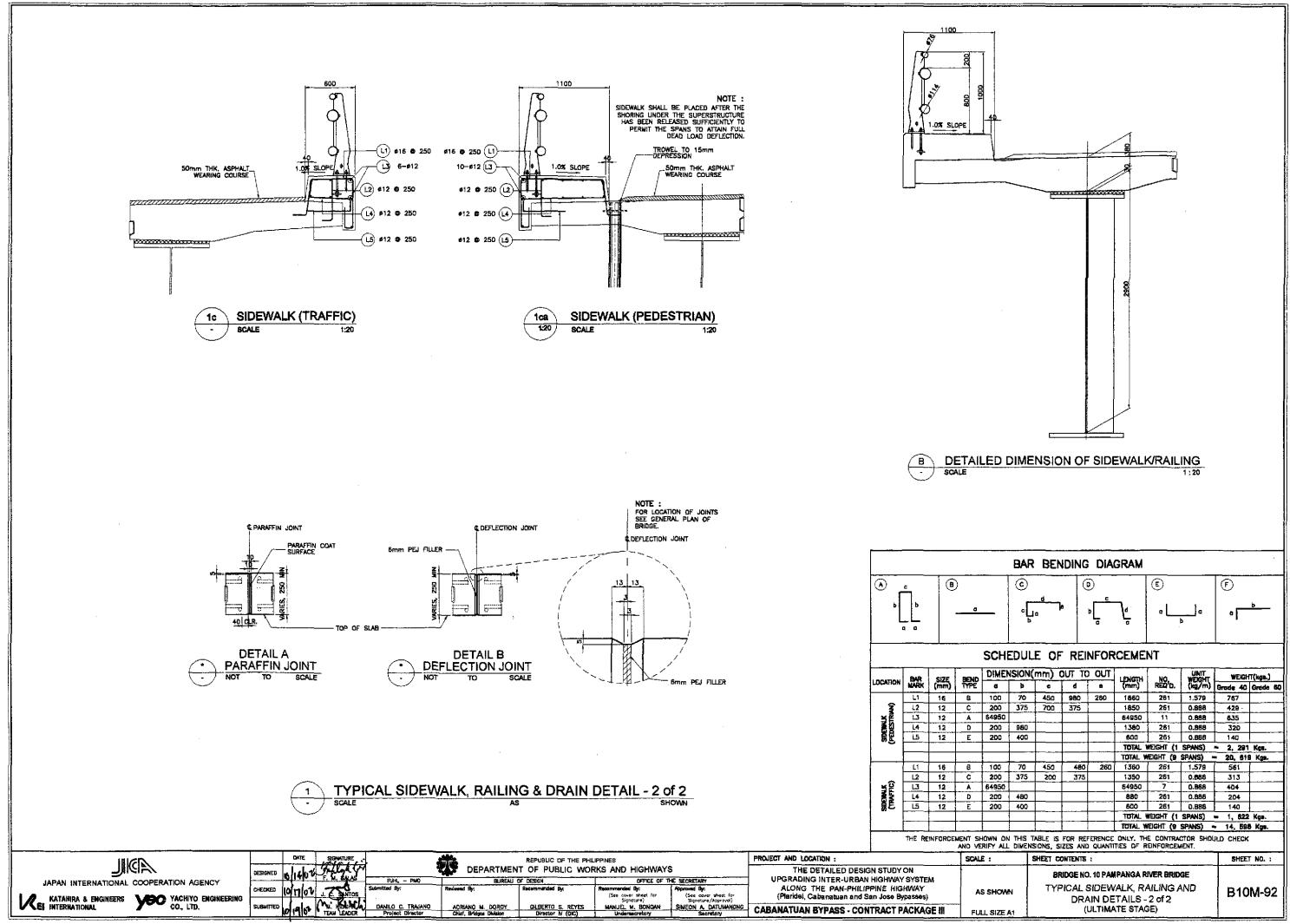
THE DETAILED DESIGN STUDY ON UPGRADING INTER-URBAN HIGHWAY SYSTEM ALONG THE PAN-PHILIPPINE HIGHWAY (Plaridel, Cabanatuan and San Jose Bypasses) AS S **CABANATUAN BYPASS - CONTRACT PACKAGE III** FULL

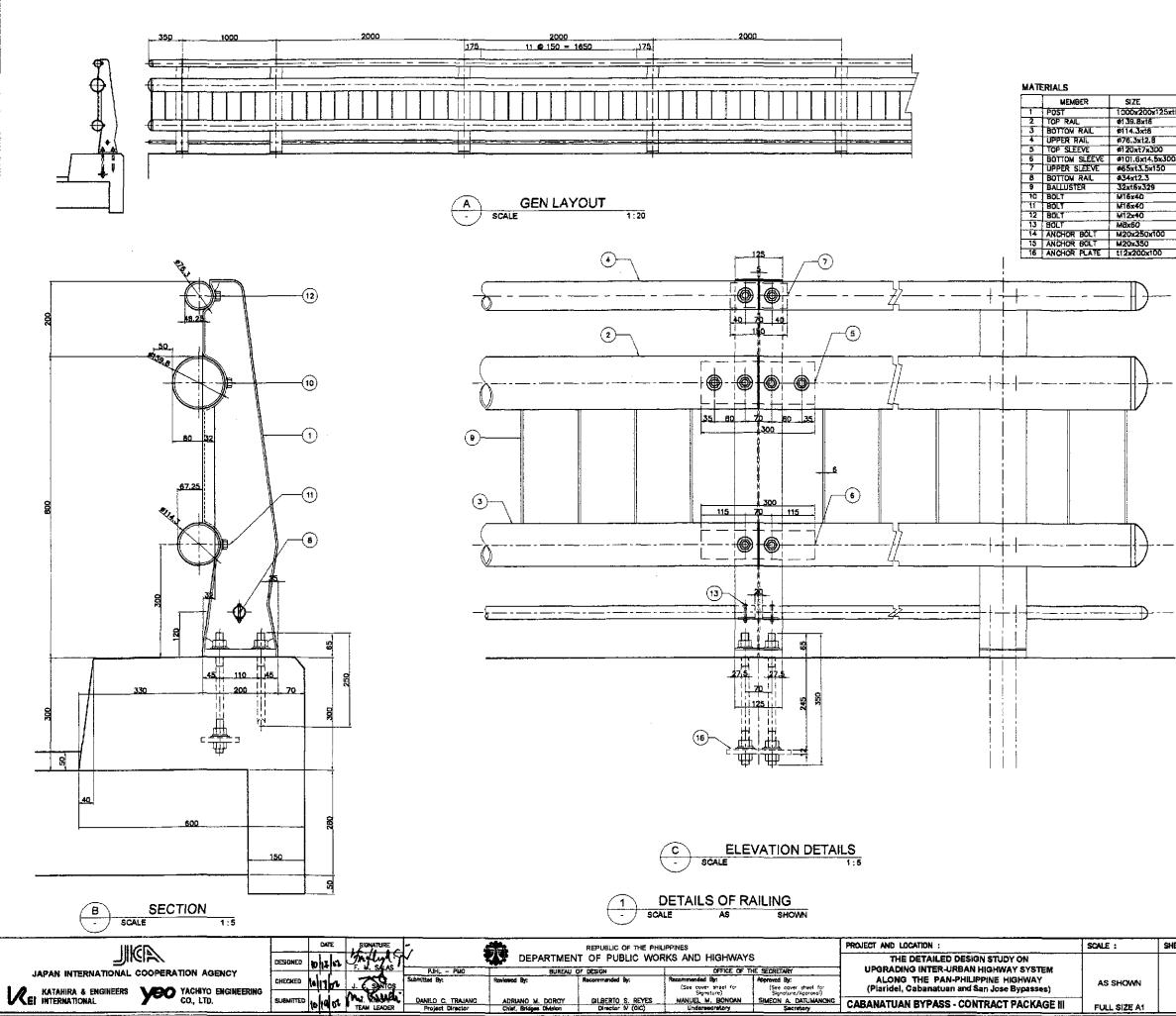
	BAR	BEN	DINC	DIA	GRAM				
				6)					
				-			<u> </u>		
SCHE	DUL	E OF	REI	NFOR	CEMEN	IT			
DIMENSION(mm) OUT TO			TUO C	LENGTH	NO	UNIT WEIGHT (kg/m)	WEIGH	T(kgs.)	
٥	Þ	C	d	0	(mm)	NO. REQ'D.	(kg/m)	Grade 40	Grade 80
56 0	595			1	1915	30	1.578		90.66
560	200			1	1520	30	1.578		71.96
660	1490			1	2810	12	1.578		53.21
1490				1	1490	12	1.578		28,21
660	1300			1	2620	16	1.578		66.15
560	1080				2400	20	1,578		75.74
660	165			Į	1485	60	1.578		140.60
1080					1080	60	1.578		102.25
				<u> </u>	TOTAL WE	GHT PER			828.79
				TOTA	L WEIGHT				1257.57
					ONLY. TH			JLD CHECK	····



		BREEL PROF.
	BRIDGE NO. 10 PAMPANGA RIVER BRIDGE	
SHOWN	DETAIL OF SHEAR KEY & ANCHOR BAR (PIER 6 & PIER 15)	B10M-90
L SIZE A1	(ULTIMATE STAGE)	







(FOR 20.35m LONG)

SIZE	SPECIFICATION	UNIT WEIGHT	OTY	WEIGHT
1000x200x125xtB	SS400	21.09 Kgf/m	11	232.0
ø139.8xt6	STK400	19.80 Kgf/m	20.35m	402.9
¢114.3xt8	STK 400	9.56 Kgf/m	20.35m	194.5
¢76.3xt2.8	STK400	5.08 Kgf/m	20.35m	103.4
6120xt7x300	STK 400	5.85 Kgf/-	10 -	58.5
¢101.6xt4.5x300	STK 400	3.23 Kg1/⊃	10 🗅	32.3
#65xt3.5x150	STK 400	0.80 Kgf/ 🗆	10 -	8.0
#34xt2.3	STK400	1.80 Kgf/m	20.13m	36.2
32xt6x329	5\$400	0.50 Kgf/	121	60.5
M16x40	SS400	0.12 Kgf/	42	5.0
M16x40	SS400	0.12 Kgf/	22	2.6
M12x40	55400	0.05 Kgf/	22	1.3
M8x50	S5400	0.04 Kgf/	22	0.9
M20x250x100	\$\$400	0.92 Kgf/	22	20.2
M20x350	55400	1.12 Kgt/	22	24.6
t12x200x100	\$\$400	1.88 Kgf/⊐	11 -	20.7
		1189.5 Kaf	58.5	at/m

SURFACE PROTECTION

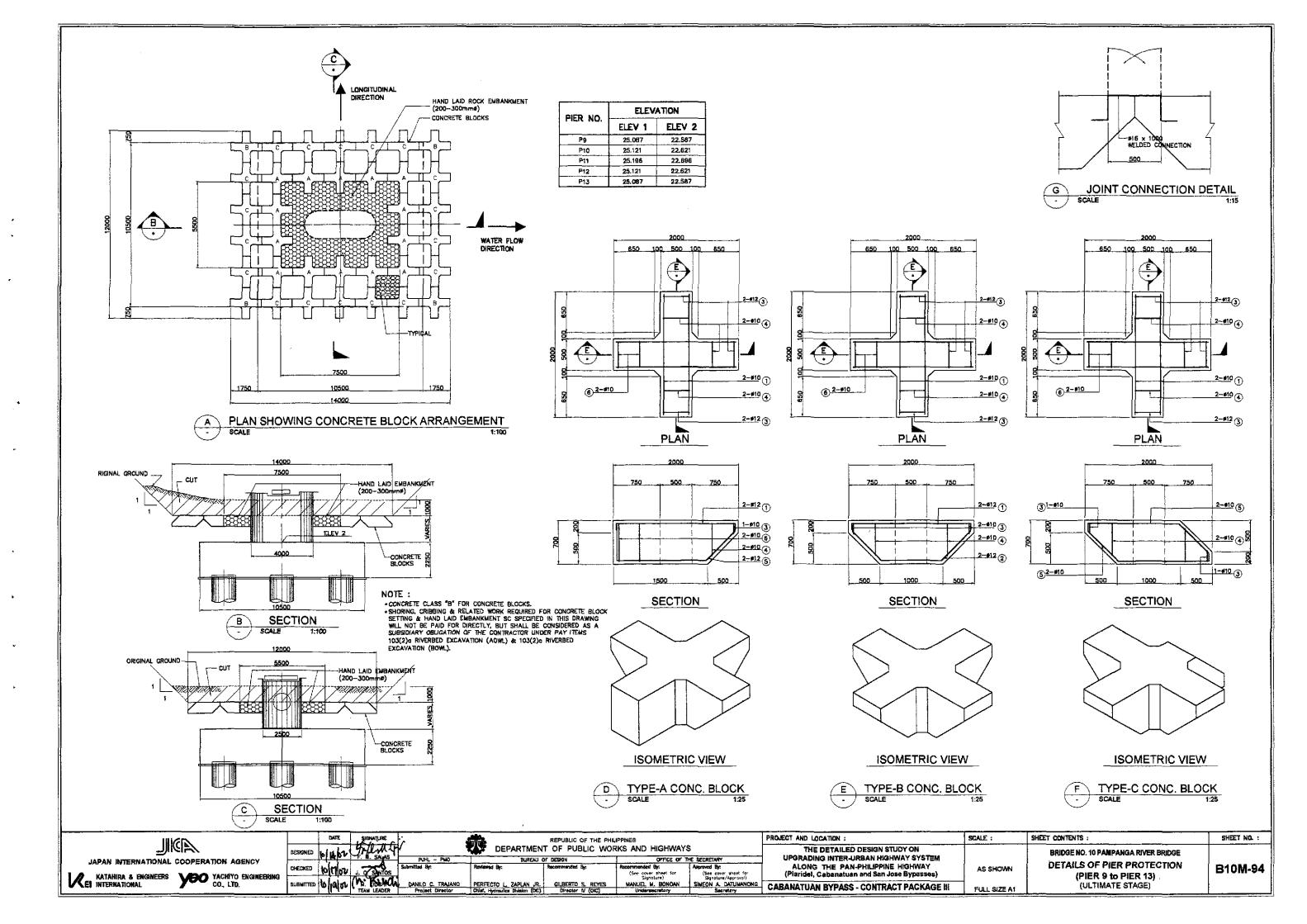


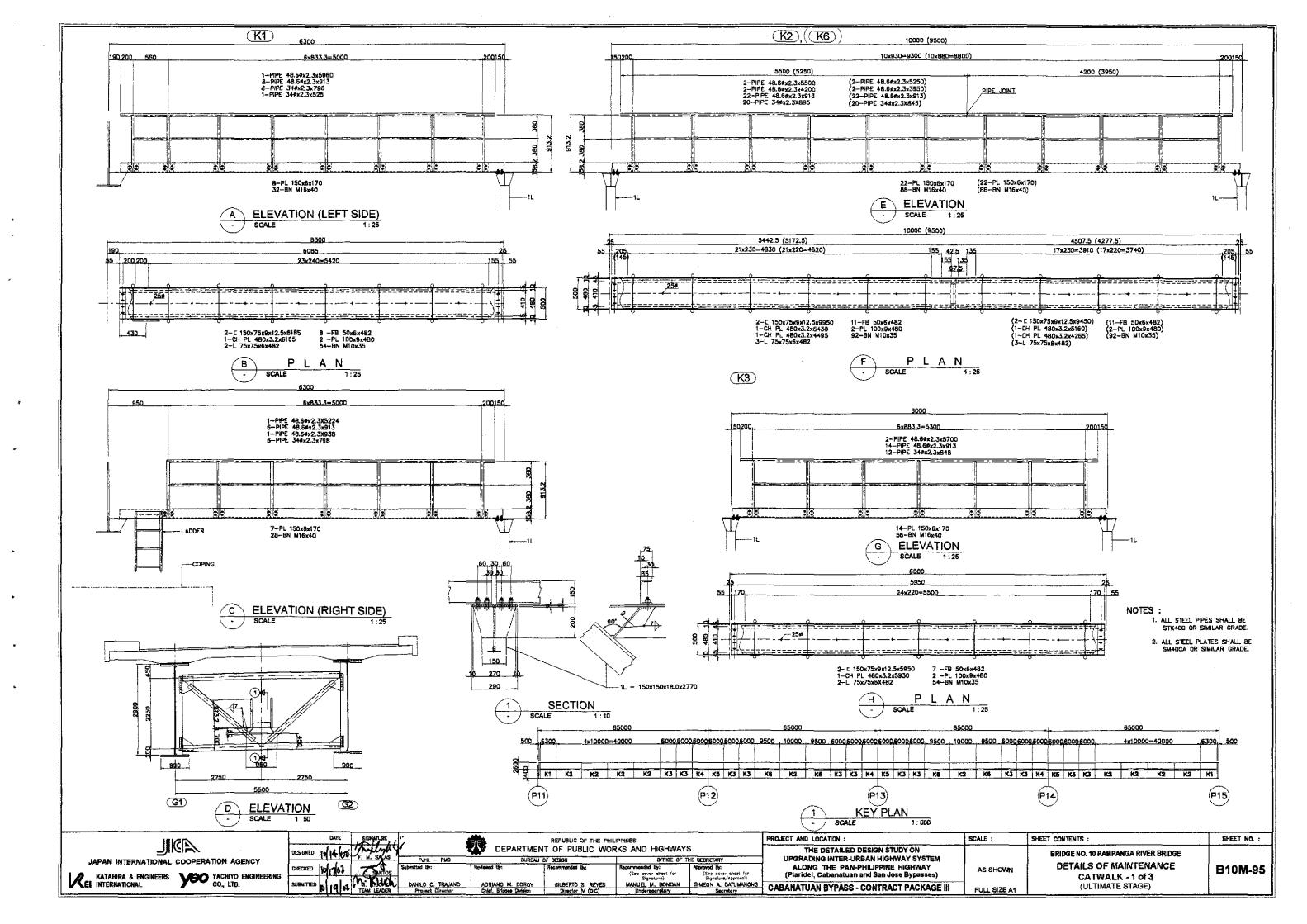
- GALVANIZATION H0255 (STANDARD) - FOR t<3.0mm USE H0240

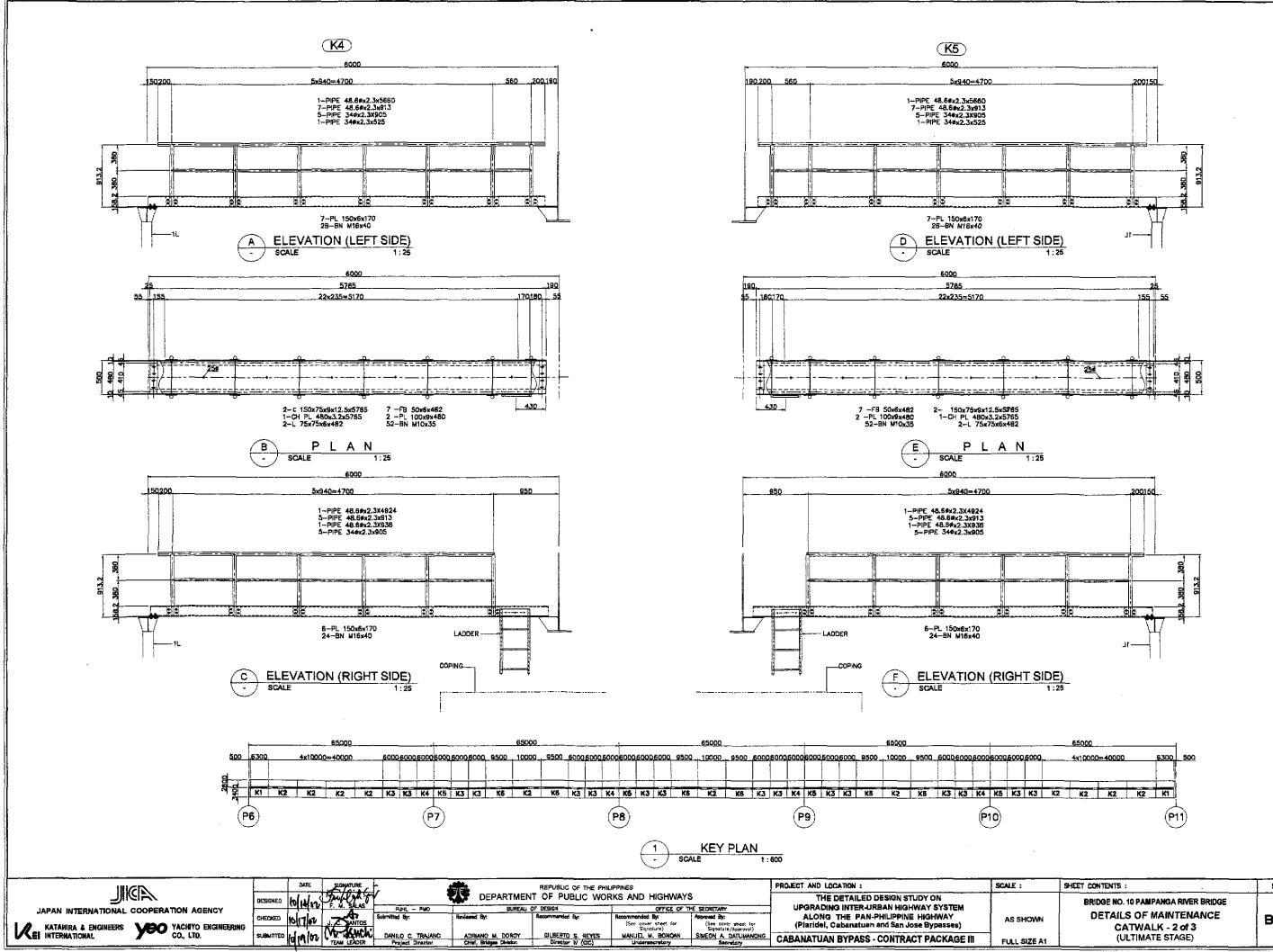
 SCALE :
 SHEET CONTENTS :
 SHEET NO. :

 BRIDGE NO. 10 PAMPANGA RIVER BRIDGE
 BRIDGE NO. 10 PAMPANGA RIVER BRIDGE
 B10M-93

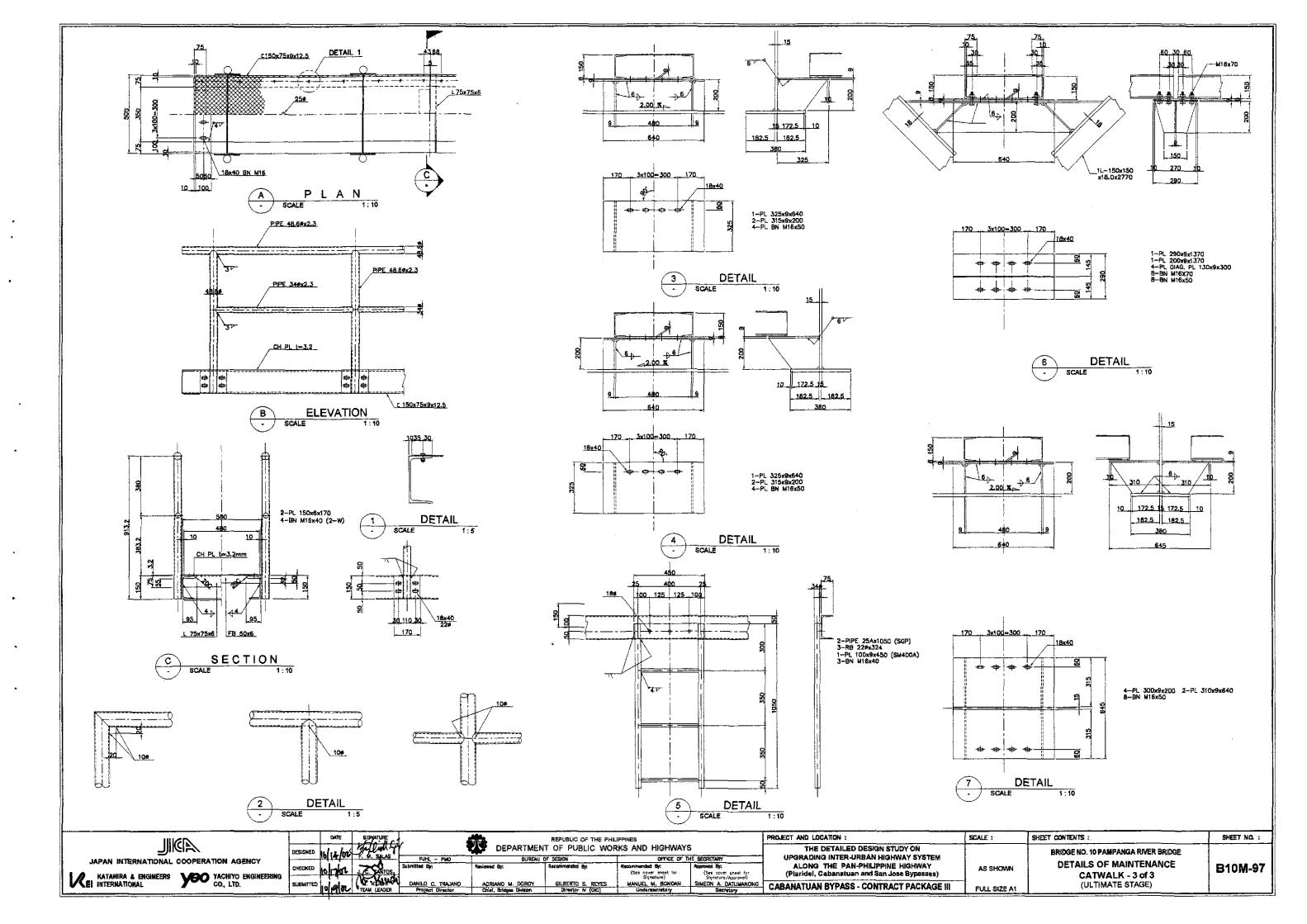
 FULL SIZE A1
 (ULTIMATE STAGE)

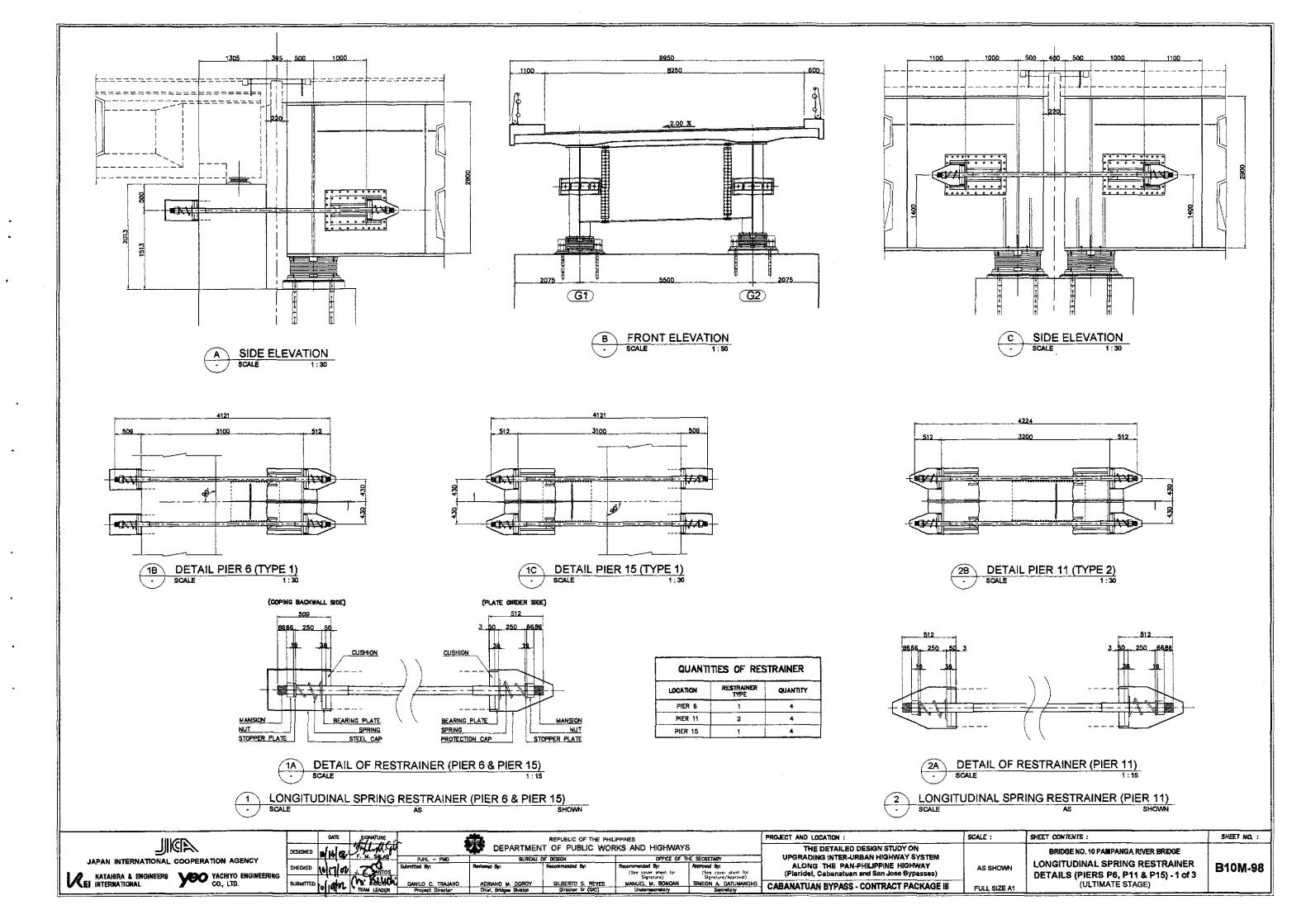


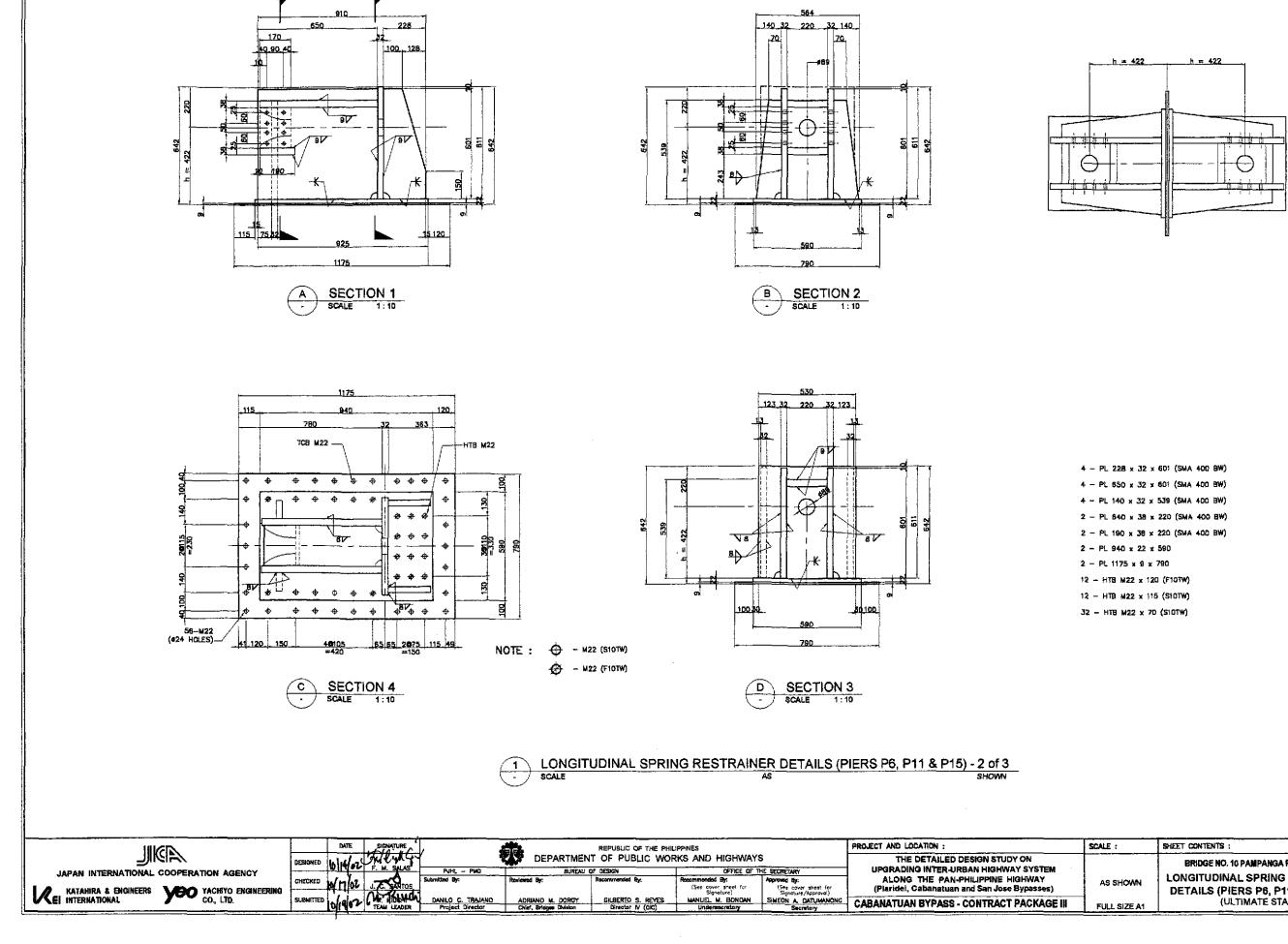




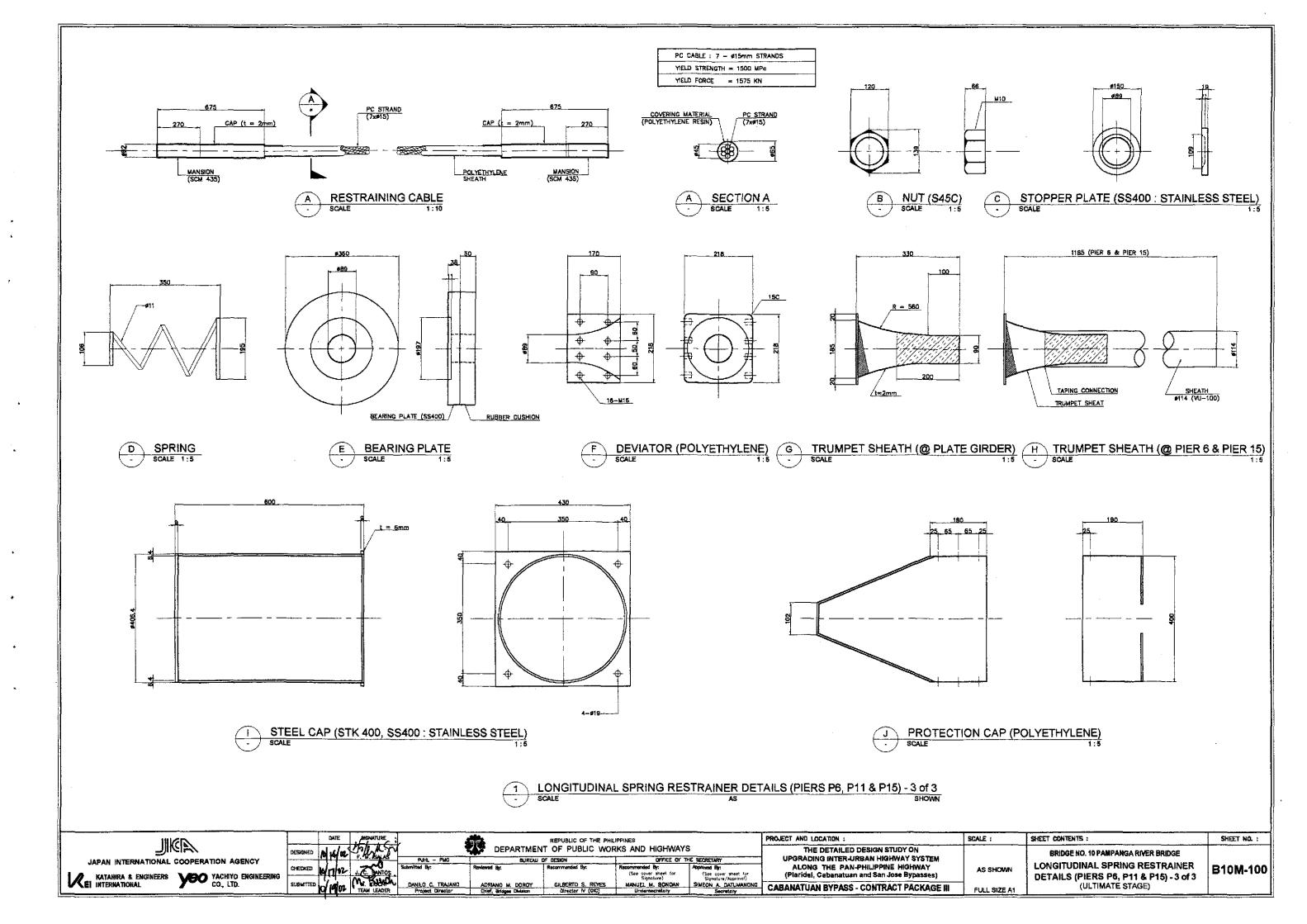
SHEET NO. 1

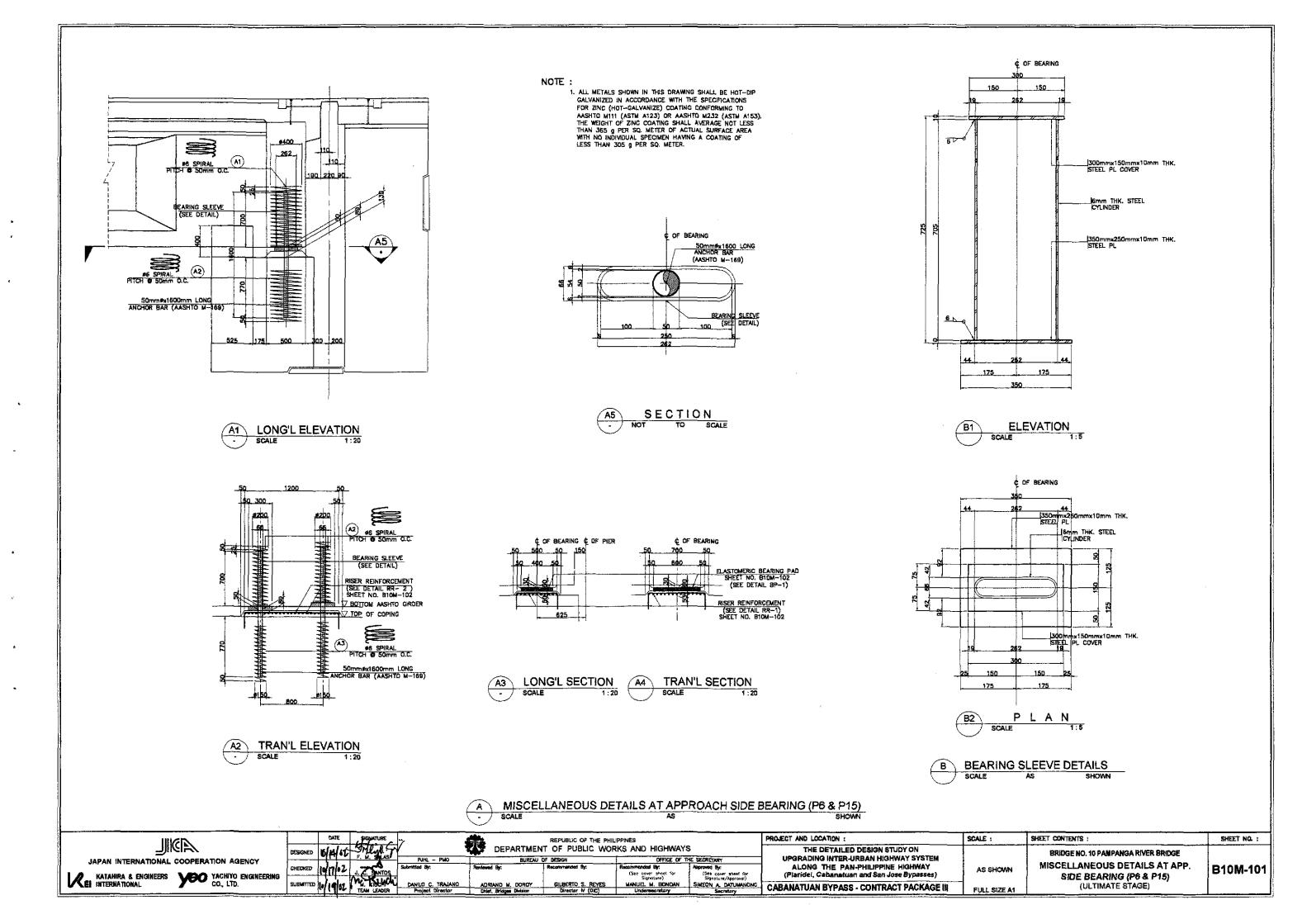


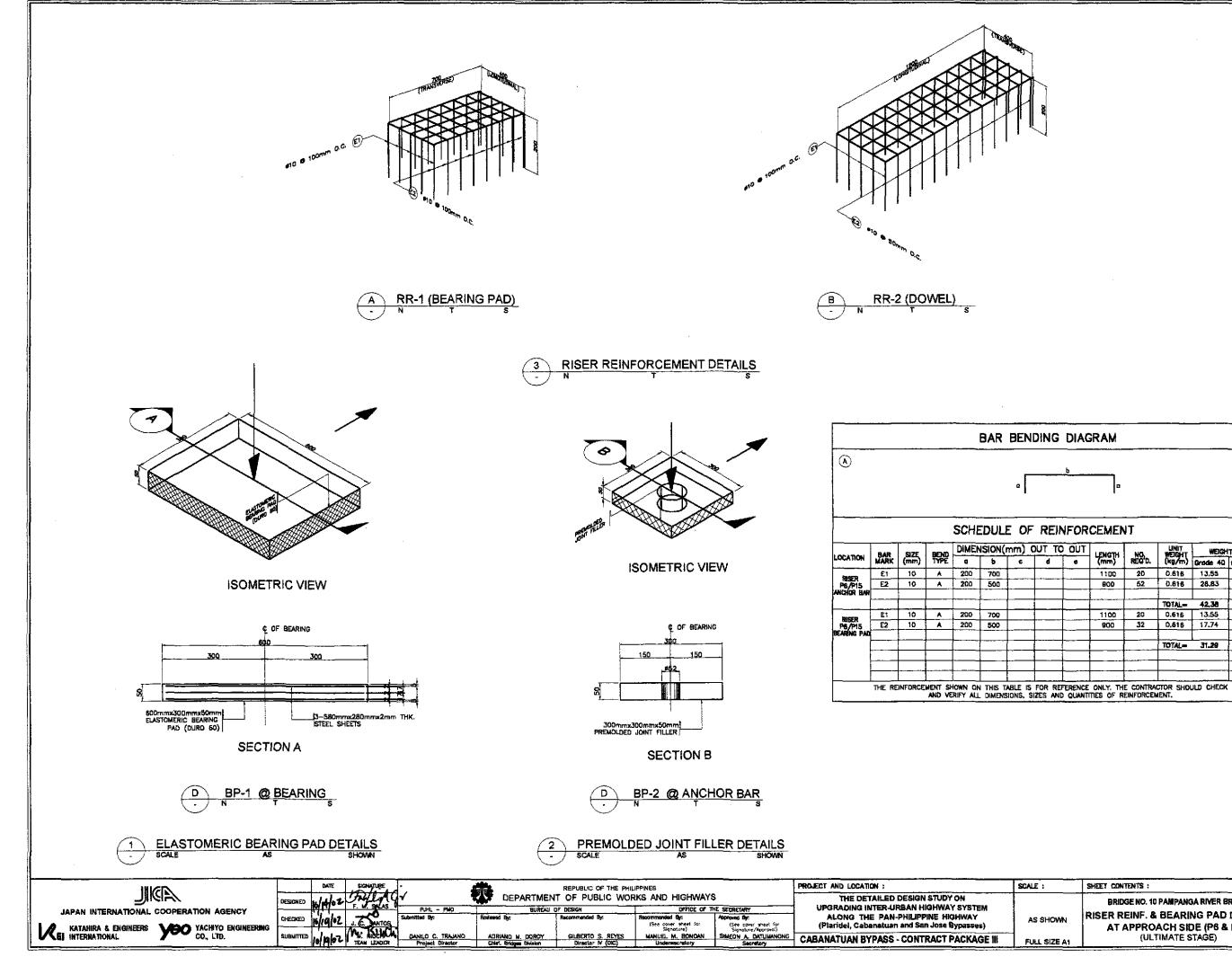




:	SHEET CONTENTS :	SHEET NO. :
	BRIDGE NO. 10 PAMPANGA RIVER BRIDGE LONGITUDINAL SPRING RESTRAINER DETAILS (PIERS P6, P11 & P15) 2 of 3 (ULTIMATE STAGE)	B10M-99



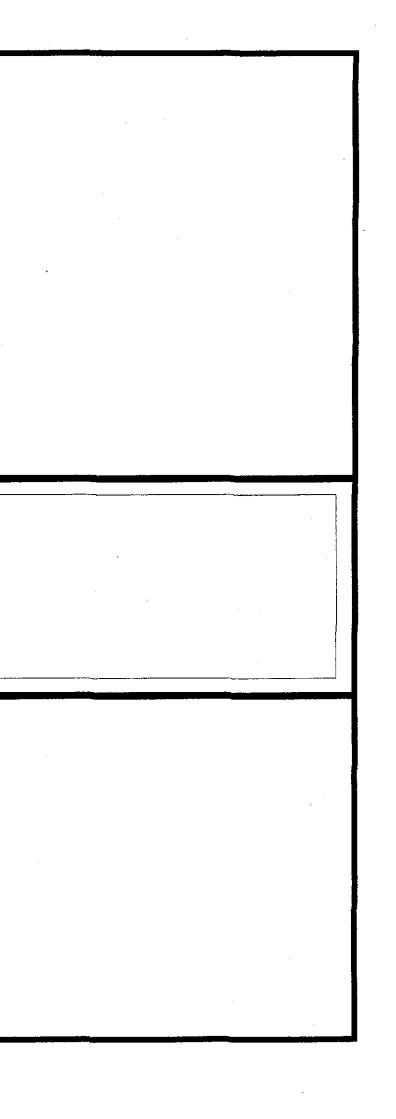




	b]					
		CEMEN	IT	.			
T TC	TUD C	LENGTH	NO.	UNIT WEIGHT	WEIGH	T(kgs.)	BELIADIA
¢		(mm)	NO, REG D.	(kg/m)		Grode 60	REMARKS
		1100	20	0.616	13.55		1. ESTIMATED
		800	52	D.616	28,83		ONE(1) PIER
							ONLY,
				TOTAL-	42,38	0) I
		1100	20	0.616	13.55		
		900	32	D.616	17.74		
				TOTAL=	31.29	0]

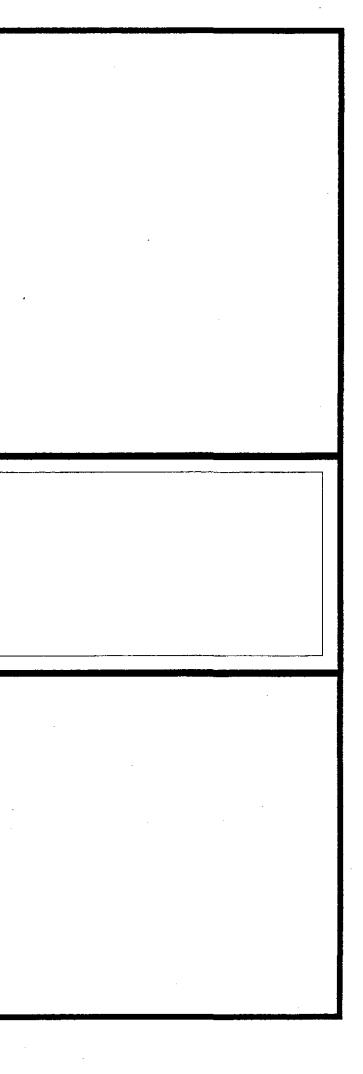
:	SHEET CONTENTS :	SHEET NO. :
	BRIDGE NO. 10 PAMPANGA RIVER BRIDGE	
SHOWN	RISER REINF. & BEARING PAD DETAILS AT APPROACH SIDE (P6 & P15)	B10M-102
SIZE A1	(ULTIMATE STAGE)	

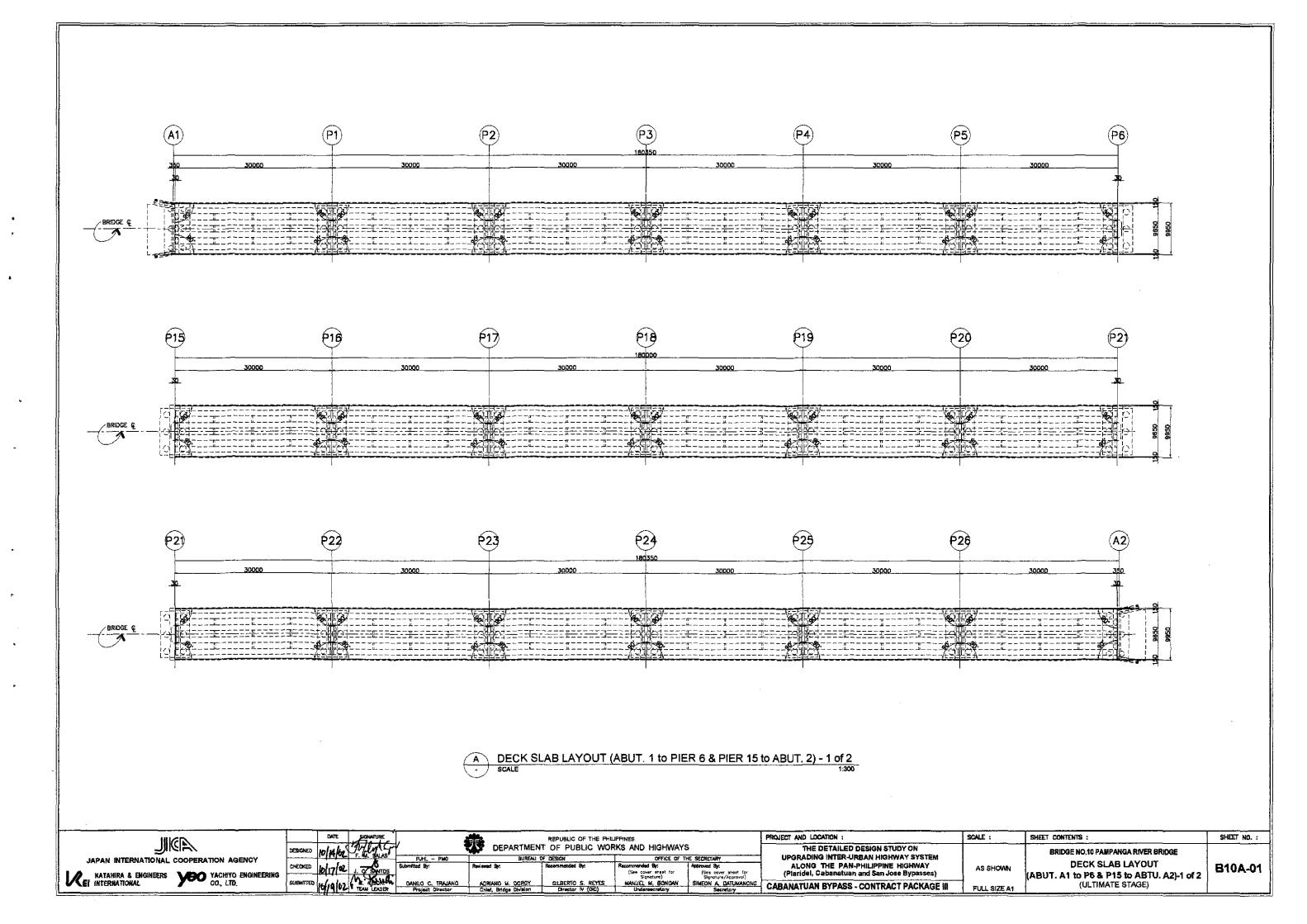
APPROACH SPANS

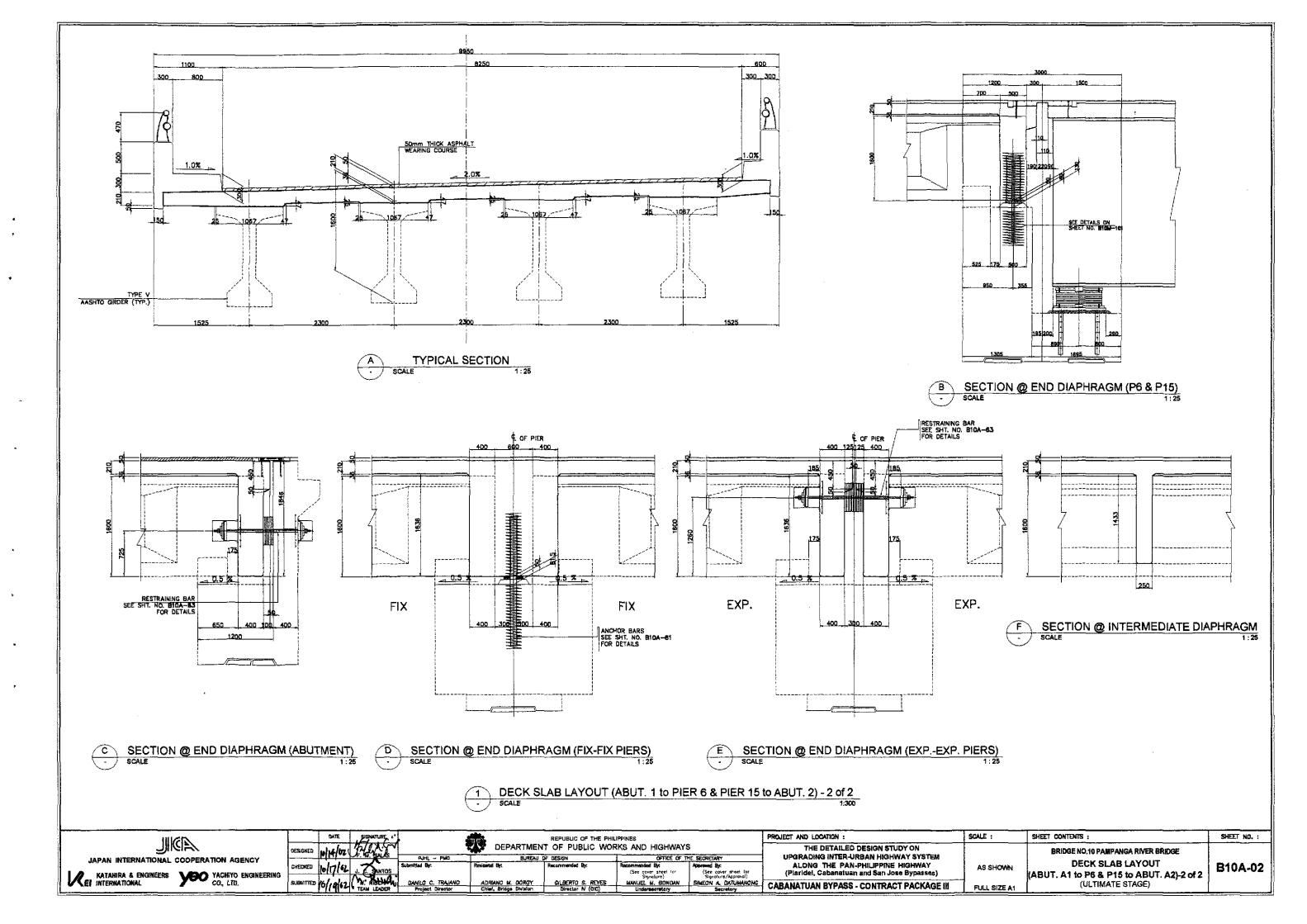


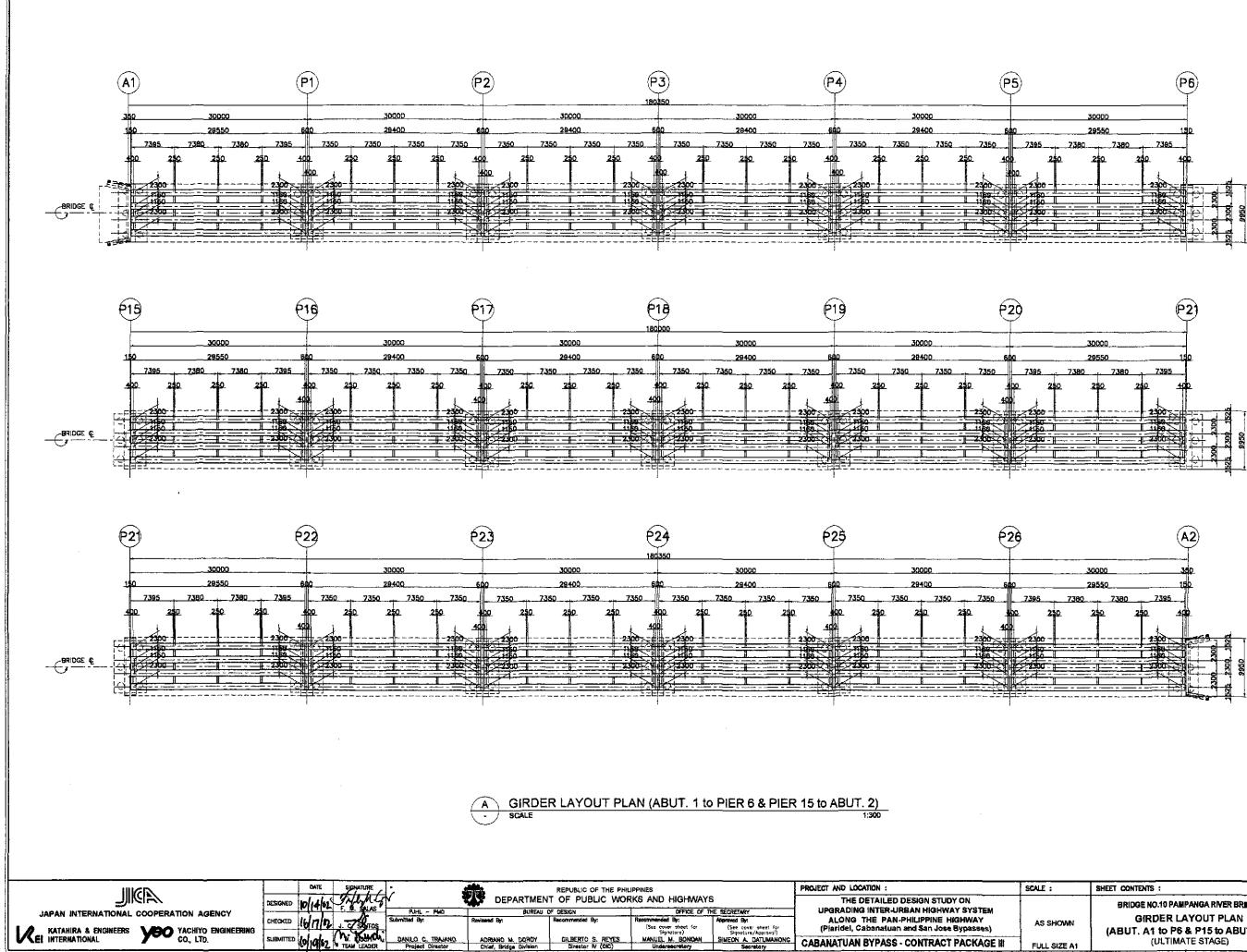
LAYOUT AND DIMENSIONS

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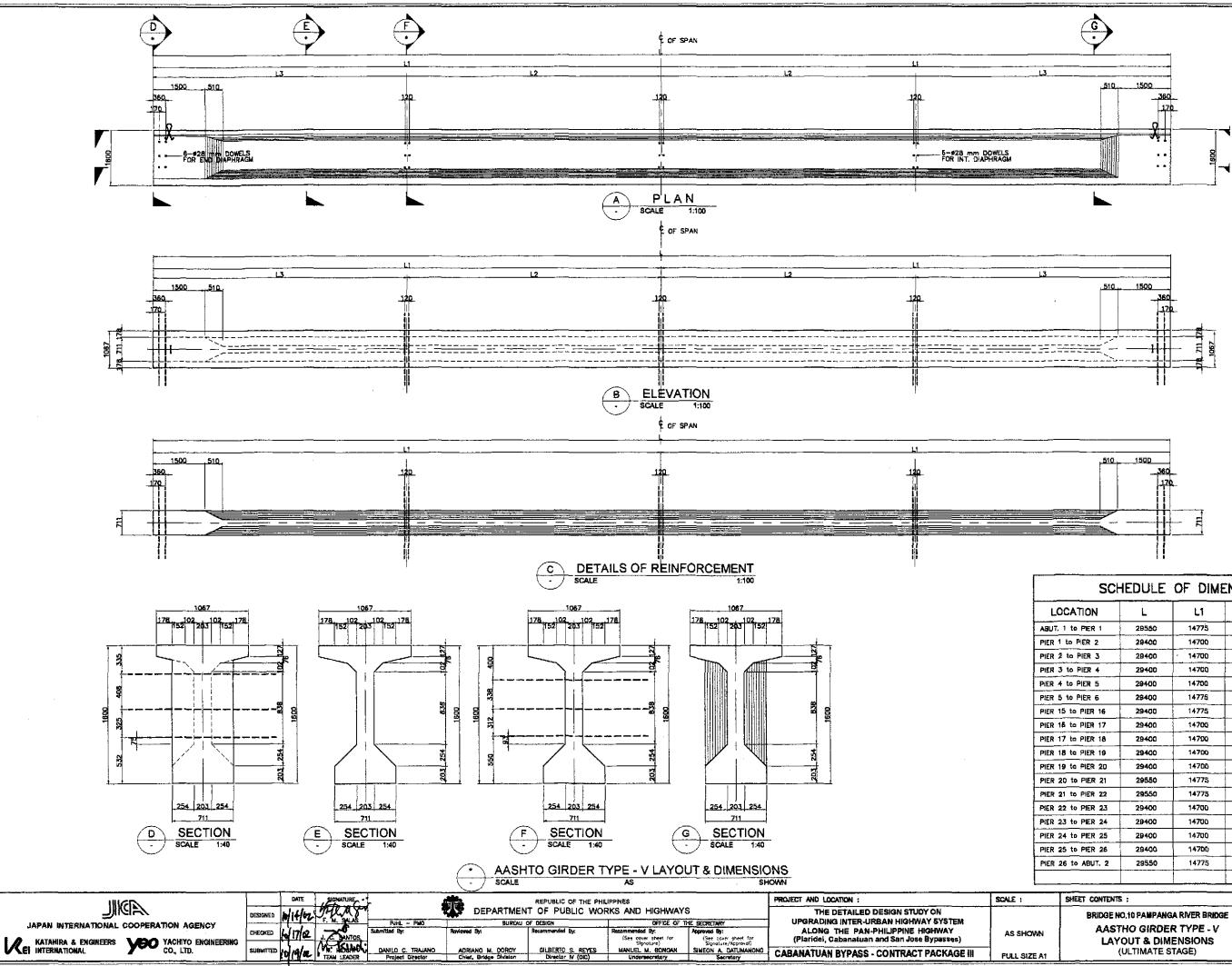




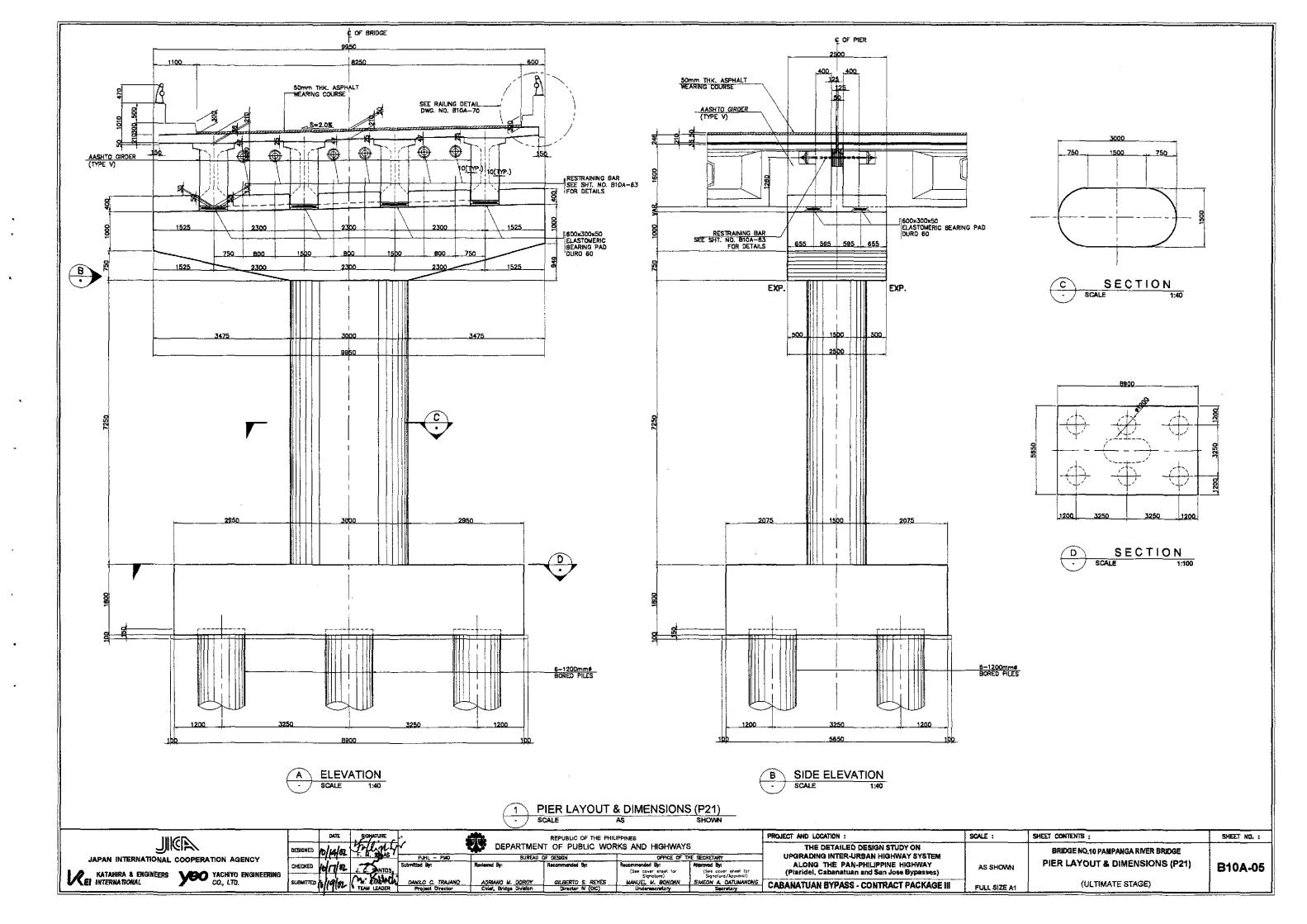


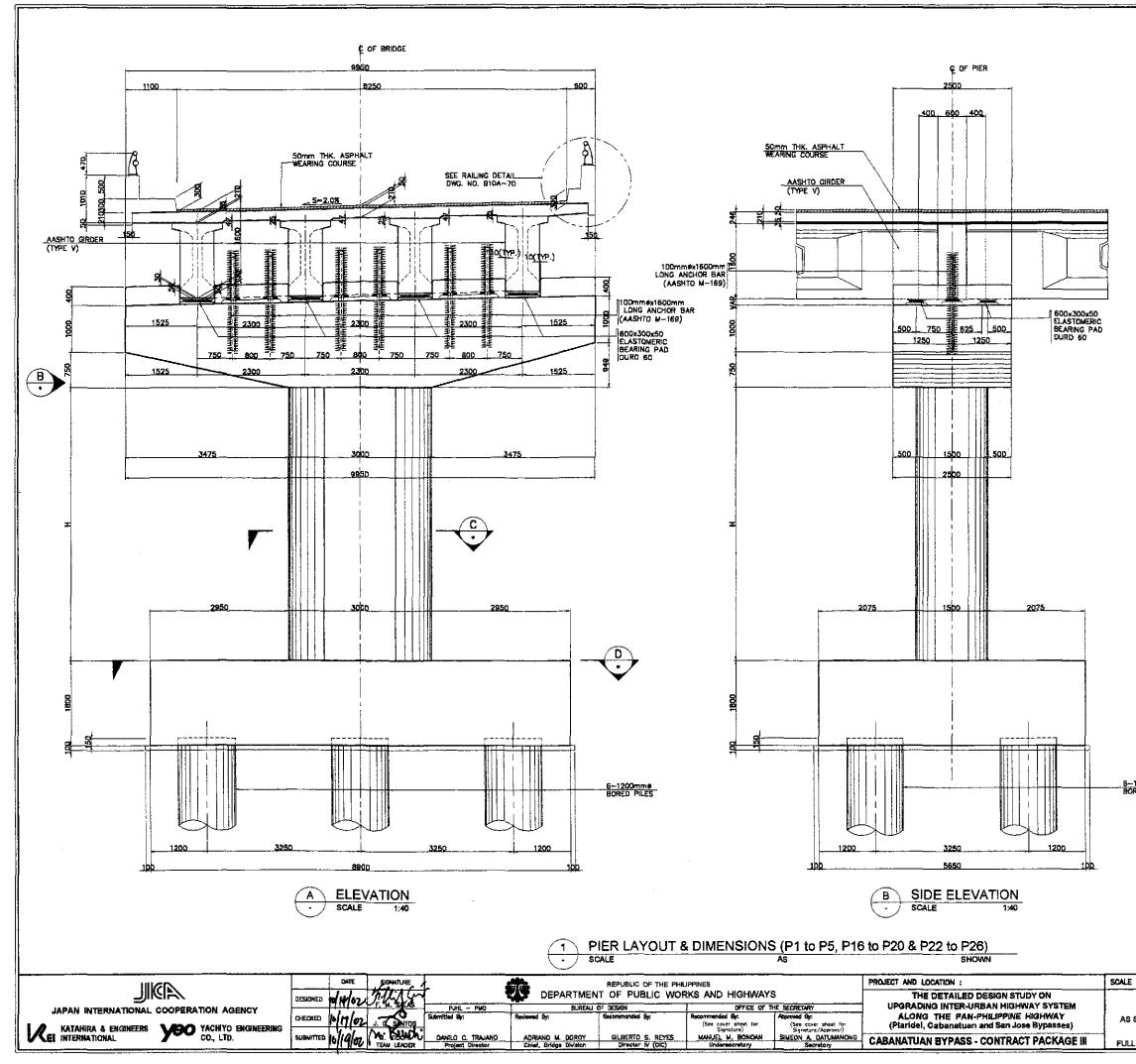


:	SHEET CONTENTS :	SHEET NO. :	
	BRIDGE NO.10 PAMPANGA RIVER BRIDGE		
SHOWN	GIRDER LAYOUT PLAN	B10A-03	
	(ABUT. A1 to P6 & P15 to ABUT. A2)		
SIZE A1	(ULTIMATE STAGE)		

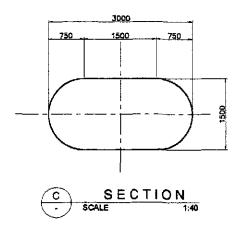


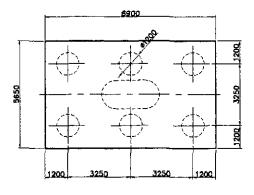
SC	HEDULE	OF DIME	INSION	IS
LOCATION	L .	L1	L2	£3
ABUT, 1 to PIER 1	29550	14775	7380	7395
PIER 1 to PIER 2	29400	14700	7350	7350
PIER 2 to PIER 3	29400	· 14700	7350	7350
PIER 3 to PIER 4	29400	14700	7350	7350
PIER 4 to PIER 5	29400	14700	7350	7350
PIER 5 to PIER 6	29400	14775	7380	7395
PIER 15 to PIER 16	29400	14775	7380	7395
PIER 16 to PIER 17	29400	14700	7350	7350
PIER 17 to PIER 18	29400	14700	7350	7350
PIER 18 to PIER 19	29400	14700	7350	7350
PIER 19 to PIER 20	29400	14700	7350	7350
PIER 20 to PIER 21	29550	14775	7380	7395
PIER 21 to PIER 22	29550	14775	7380	7395
PIER 22 to PIER 23	29400	14700	7350	7350
PIER 23 to PIER 24	29400	14700	7350	7350
PIER 24 to PIER 25	29400	14700	7350	7350
PIER 25 to PIER 26	29400	14700	7350	7350
PIER 26 to ABUT. 2	29550	14775	7380	7395
L	<u> </u>	<u> </u>		
SHEET CONTENT	S ;			SHEET NO. :
BRIDGE	IO,10 PAMPANG	A RIVER BRIDG	E	
WN	THO GIRDE	ENSIONS		B10A-04





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SCHEDULE OF DIMENSIONS					
0/50	H (mm)	BORED PILE			
PIER		N (PCS)	LENGTH (mm)		
P1 - P5	5250	6	19000		
P16 ~ P20	7454				
P22 - P26	7250	6	16000		

6-1200mmø BORED PILES

:	SHEET CONTENTS :	SHEET NO. :	
	BRIDGE NO.10 PAMPANGA RIVER BRIDGE		
SHOWN	PIER LAYOUT & DIMENSIONS	B10A-06	
0110111	(P1 to P5, P16 to P20 & P22 to P26)	BIVA-00	
SIZE A1	(ULTIMATE STAGE)		

