

BAR BENDING SCHEDULE

SH	LI WPE 1	 5	SHAPE (3		SHA	(1) (3) (PE 3)]]a	SHAP] E 4	SI	L3 IAPE 5][9
ير ا	L1 HAPE 6	<u> </u> 2	T T T		5	APE 8]7	2	 	\$	-	
J				LENGTH	1 11	12	1.3	L4	15		V	
TYPE	SHAPE	DΆ	NUMBER	(mm)	(mn)	(mm)	(min)	(mm)	(um)	(mm)	(mm)	(ma)
A1_	5	16	88	6010	100	379	5032					
A1.1	5	15	88	6060	100	929	5032					
A2	5	16	72	6510	100	879	3532	 				<u> </u>
A21	5	13	72 18	9480	9476	929	5532	ļ	ļ		 	 -
A).	 	13	54	8530	8525			 -		···		···
A1	1 :	13	356	1080	100	876	100					
A5 -		13	356	1130	100	926	100	·	ļ			<u> </u>
A6	3	13	614	1730	100	626	276			-		T
A7	1	15	79	8200	8196							
_ 45		15	79	8930	100	632	8195					
A9	<u> </u>	15	252	9930	9932	<u> </u>						
A19	!-	19		3310	9935		<u> </u>	L				
A10.1	1	19	10	8250	8251	<u> </u>		 				
A11,1	 	19	2	9940 8250	9938 8251			!				
A12	 -	19	33	1300	1299							
A12.1	1	19	55	1300	1299	l :	·	·				·
A13	1	19	33	1440	1438	i						
A13.1	1	13	53	1440	1438							
Alf		19	33	1320	538	781				250	700	
A14,1		. 19	53	1320	538	781		<u> </u>		250	700	L
A15		13	- 8	1430	1426	ļ						
A17	1 2	13	8	3780 . 4530	3776 750	3026		<u> </u>				<u> </u>
A15	1	13		2780	2776	3028						
A19		13	54	1030	1026				-			
A20	7	13	9	2550	1285	820	455					410
AZI	8	13	18	2230	1367	870	50					435
Y55	9	13	9	2740	644	410	410	820	455			410
											<u> </u>	
81	3	22	48	8140	100	891	7144	ļ			لنصا	
81,1	- 5	22	- 45	8190	100	941	7144					
62	5	22	72	8190	100	891	7194					ļ
82.1 83	- 5	19	72 86	8240 8530	8532	941	7194	 				ļ.,
84	2	19	348	1090	100	891	100				 	
85	2	19	346	1140	100	941	100					
86	3	13	450	2730	190	1126	276					-
87	1	19	116	8250	8251							
88		19	611	9490	100	1138	8251					-
89	1	19	252	7290	7288							
810	11	19	5	7290	7288							
811	1	19	2	7290	7255]		-, -^		
812	1	19	24	1300	1299			- ·				ļ
813		19	24	1940	1938							
814		19	. 24	1690	538	1153		ļ		375	1050	ļ
815	1	16	- 8	3280	3282	1072	-	├				
816	6	16		5690	5657	1032	لتتنا	لنــــا				

TYPE	SHAPE	DIA	NUMBER	LENGTH	L1 (mm)	[2 (24)	13	L4 (um)	(5 (~~)	н	v	R (me)
			L	(+ther)			(200)	(nyn)	(na)	(944)	(2012)	(200-)
Ċ1		16	136	7150	100	879	\$154		!	l		
C3	1	15	136	7210	100	959	6184		ļ	ļ		
C4		13	370	1080	9990	879	1		ļ			
C5	2	13	370	1130	100	929	100	}	-		<u> </u>	
C6	3	13	521	1980	100	750	276	 -	 	 	 -	 -
Ç7	- -	19	154	3250	8251	 ~~	1-1.0	 	 -	 	 -	
C8	5	13	164	3110	100	762	8251			 		-
C9	1	19	252	9990	9993	1						
¢10		19	5	3993	9990	 		_	 			
CII		13	2	9390	9990			 	f			
CIS	i i	19	26	1300	1299	-		<u> </u>	-	-		
Ç13	1	19	28	1580	1562							-
C14	-	19	28	1490	538	950				305	360	
												
01	5	22	20	6650	100	1110	5444			ſ		
91,1		5.5	40	8480	100	935	5444					
012	. 5	22	20	5430	100	885	5444					1
95	1	13	40	10020	10024	L						
03		13	40	3030	3025							
04		19	45	1310	100	1119	190		L			
05	2	13	90	1140	100	935	100					
05.1	3	19	45	1090	100	885	100	<u> </u>				
Q6 03	3	13	155	1730	100	525	276	<u> </u>				
07 D8	1	19	20 10	9160	8364				<u> </u>		L	
D9		22	127	9040	100	611	8420					-
09.1	;	13	127	9790	9786		 					
010	i	19	3	8990	8986	 						—
013		19	2	8990	8986	 				'		<u> </u>
012		19	8	1500	1299	ł	<u> </u>					
013	1	19	8	1440	1438	 -						
014	4	19	8	1320	538	761				250	700	-
015	1	16	114	3230	3232	1						—
016	3.	19	20	3440	100	438	8364					-
017	1	19	20	8350	8354							
018	3	13	358	1230	100	275	425					
ξi	\$	22	28	4250	100	1115	3044					ſ
£1,1	. 5	19	. 28	4250	100	1113	3038					
€1.2	. 5	19	112	4080	100	938	3038					
£1.3	3	19	56	4030	100	888	3036			L.,_i		
€3	3	13	770	1343	100	432	276					
E4	2	15	56	1310	100	1110	100					
<u>ES .</u>	2	16	112	1140	100	935	100					
E5.1	2	15	56	1090	100	585	100	`				
(6	3	13	434	1740	100	632	276					
€7 €8		19	. 56 56	8360	8364				 		ļ ļ	
£10.1	5	19	5	9150	8364	644	8420			 -		
£11.1	- ;	19	2	8350 8380	8364		├					
£12		19	23	1300	1299	 		-		 -	<u> </u>	 -
£12.1		19	53	1300	1299	H			├ <i></i>			
£13		19	23	1440	1436							<u> </u>
£13.1		19	53	1440	1438	 -				<u> </u>	-	
£14	4	19	23	1280	536	743			h	250	700	
E14.1	4	19	53	1280	538	743	<u> </u>			250	700	-
£15	1	19	114	7540	7538							 -
ÉIS	3	19	56	9440	100	438	8364					_
€17	,	19	56	8360	8364				-			
												
FI	1	16	34	9780	9782	1					1	· .
F2	3	16	35	10630	100	332	9762					
13	1	15	39	8780	6750							
Ff	3	13	30	1080	100	276	332				1	
<u> </u>												

BAR WEIGHT

Type			ı———	r				
A1	TYPE	OUA	LENGTH	MUNEER	WEIGHT	WEXGHT	WEIGHT	CUADE
A1.1 15 6060 86 1.55 9375 842592 5 A2 16 6510 72 1.58 10766 740378 5 A2.1 16 6580 72 1.58 10766 740378 5 A3.1 13 9450 15 1.04 9559 177.4656 1 A3.1 13 9450 15 1.04 9559 177.4656 1 A3.1 13 0550 54 1.04 8.871 479045 1 A4.1 15 1080 356 1.04 1.172 120 127.859 2 A5 13 1130 3550 14 1.04 1.172 410.371 2 A5 13 1130 355 1.04 1.172 410.371 2 A6 13 1730 614 1.04 1.772 410.371 2 A7 16 8200 72 1.58 12.956 1025 24 1 A8 15 0930 72 1.58 12.956 1025 24 1 A8 15 0930 72 1.58 12.956 1025 24 1 A9 16 9930 252 1.58 1.5692 953.722 4 A10 19 9440 5 2.23 12.586 110.831 1 A10.1 19 8250 10 2.33 12.38 18.5925 1 A11 19 9340 2 2.23 12.166 110.831 1 A11.1 19 9340 2 2.23 12.166 110.831 1 A11.1 19 1320 33 2.23 2.299 95567 1 A12 19 1300 33 2.23 2.299 95567 1 A13.1 19 1440 33 2.23 2.299 95567 1 A14.1 19 1320 33 2.23 2.299 15.647 1 A15.1 19 1440 55 2.23 3.211 102.970 1 A16.1 19 1320 33 2.23 2.299 15.667 1 A17 13 1400 8 1.04 1.427 11.70.144 1 A14 19 1320 33 2.23 2.244 156.011 4 A15.1 19 1320 33 2.23 2.299 15.647 1 A16.1 19 1320 33 2.23 2.299 15.647 1 A17 13 1450 8 1.04 3.391 31.450 1 A18 13 1700 4 1.407 11.838 1 A19 140 55 2.23 2.290 15.845 1 A19 1300 33 2.23 2.290 15.847 1 A11.1 19 1320 33 2.23 2.290 15.847 1 A12 13 1300 55 2.23 2.290 15.847 1 A13.1 19 1440 35 2.23 2.290 15.845 1 A15.1 13 1400 8 1.04 3.391 31.450 1 A17 13 15.500 5 1.04 1.071 57.845 1 A19 1300 33 2.23 2.244 156.011 4 A11.1 19 1320 33 2.23 2.290 2.244 156.011 4 A11.1 19 1320 33 2.23 2.290 2.244 156.011 4 A15.1 13 1400 8 1.04 2.290 2.4466 1774.996 5 B1 2.2 8140 45 2.29 2.245 2.245 1.25001 4 A17 13 15.500 5 1.04 2.291 2.2469 8 B1 2.2 8140 45 2.29 2.245 1.25001 1 A19 1200 33 2.23 2.290 2.2465 6.2001 1 A19 1200 34 2.290 2.245 2.290 3.245 3.2500 1 B1 22 8140 45 2.29 2.245 1.0650 1 B1 22 8140 3.250 2.250 2.23 1.0250 2.2566 1 B1 22 8140 46 2.29 2.245 2.250 2.2566 1 B1 22 8140 3.250 2.250 2.23 1.0257 1.2544 1 B1 19 1500 24 2.23 2.241 3.2590 6.576		(mm)	(mm)				6-9)	STALE
All 1 18 6060 86 1.56 9.575 842.582 5 A2 15 6510 72 1.58 10.786 740.578 5 A2 1.16 6550 72 1.58 10.265 740.578 5 A3 13 9480 19 1.04 9.559 177.456 1 A3 13 6530 356 1.04 9.559 177.456 1 A3 13 13 6530 356 1.04 1.123 329.859 2 A5 13 1130 356 1.04 1.123 129.859 2 A6 13 1730 614 1.04 1.799 1104.709 3 A7 16 6200 72 1.56 14.109 1114.643 5 A9 16 9330 272 1.56 14.109 1114.643 5 A9 16 9330 272 1.56 14.109 1114.643 5 A9 16 9350 272 1.56 14.109 1114.643 5 A10 19 9349 5 223 22.166 110.851 1 A10 19 9340 2 223 18.388 18.3975 1 A11 19 9340 2 223 18.388 18.3975 1 A11 19 9340 2 223 18.388 18.3975 1 A11 19 9340 3 223 22.166 14.332 1 A12 19 1200 33 223 28.99 95.667 1 A13 19 1440 33 223 2899 155.647 1 A14 19 1320 33 223 2899 155.647 1 A14 19 1320 33 223 23 244 97.139 4 A14 19 1320 33 223 23 244 97.139 4 A14 19 1320 33 223 23 244 97.139 4 A14 19 1320 33 223 23 244 97.139 4 A14 19 1320 33 223 23 244 97.139 4 A14 19 1320 33 223 23 244 97.139 4 A15 19 1440 35 223 23 244 97.139 4 A16 19 1320 33 223 23 244 97.139 4 A17 13 450 8 1.04 3.391 31.450 1 A18 13 3760 8 1.04 3.391 31.450 1 A19 13 430 8 1.04 2.891 23.150 1 A19 13 430 8 1.04 2.891 23.150 1 A19 13 430 8 1.04 2.891 23.150 1 A11 12 2750 16 1.04 2.891 23.150 1 A12 13 430 8 1.04 2.891 23.150 1 A13 13 2750 16 1.04 2.892 24.86 177.496 5 B1 22 8140 46 2.98 24.297 1164.546 5 B1 22 8140 48 2.98 24.406 177.496 5 B1 22 8140 48 2.98 24.406 177.496 5 B1 22 8140 48 2.98 24.406 177.496 5 B1 22 8140 34 2.98 24.406 177.496 5 B1 22 8140 34 2.98 24.506 177.496 5 B1 19 1140 346 2.23 2.310 1.898 23.5110 1 B1 19 1900 340 2.23 18.398 23.5110 1 B1 19 1900 340 2.23 18.398 23.5110 1 B1 19 1900 340 2.23 2.23 2.299 69.576 1 B1 19 1900 24 2.23 2.23 2.299 69.576 1 B1 19 1900 24 2.23 2.23 2.299 69.576 1 B1 19 1900 24 2.23 2.23 2.299 69.576 1 B1 19 1900 24 2.23 2.23 2.299 69.576 1 B1 19 1900 24 2.23 2.23 2.240 10.2527 10.244 1 B11 19 1900 24 2.23 2.23 2.299 69.576 1	Al	15	6010	58	1.58	9.495	835 530	
A2 15 6510 72 1.58 10 296 740 578 5 A2.1 16 5560 72 1.58 10 265 742 566 5 A3 13 9450 18 1.04 9.839 177.456 1 A3.1 13 9550 54 1.04 9.839 1 122045 1 A4 13 1020 356 1.04 1.123 298 899 2 A5 13 1730 356 1.04 1.1723 418.371 2 A6 15 1730 356 1.04 1.1725 418.371 2 A7 16 8200 72 1.58 12.956 1023.524 1 A8 16 9330 29 1.58 14.090 1114.643 5 A9 16 9330 22 1.58 15.090 1114.643 5 A10.1 19 9340 2 233	A1.1	16	6060	86	1.58	9 575	842 582	
A2.1 16 6550	A2	15	6510	12	1.58	10 266		
A3	A2.1	15	6560	72	1.58	10.365		
A3.1 13 65.0 54 1.04 5.871 172.045 1 A4 13 172.0 5 5 1 1 172.0 5 1 1 172.0 5 1 1 172.0 5 1 1 172.0 5 1 1 172.0 5 1 1 172.0 5 1 1 172.0 5 1 1 172.0 5 1 1 172.0 5 1 1 172.0 5 1 1 172.0 5 1 1 172.0 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A3	13	9450	13	1.04		*	
A4 13 1080 356 1.04 1.123 292 859 2 A5 13 1130 356 1.04 1.175 410.371 2 A8 13 1730 614 1.04 1.775 110.4709 3 A7 16 8200 72 1.58 12.956 1023.524 1 A8 15 6930 79 1.58 14.09 1114.643 5 A9 16 9330 273 1.58 14.09 1114.643 5 A9 16 9330 273 1.58 14.099 1114.643 5 A9 16 9330 273 1.58 15.582 3953.729 4 A10 19 9249 5 2.23 22.165 110.831 1 A10.1 19 8250 10 2.23 18.398 183.935 1 A10.1 19 8250 4 2.23 18.398 183.935 1 A11.1 19 9340 2 2.23 22.165 110.831 1 A11.1 19 9340 2 2.23 22.065 110.831 1 A11.1 19 9340 33 223 22099 95.567 1 A12.1 19 1300 33 223 2899 95.567 1 A12.1 19 1300 53 223 3.211 105.970 1 A13.1 19 1440 33 2.23 3.211 105.970 1 A14.1 19 1320 33 223 2899 15.5647 1 A14.1 19 1320 33 223 2899 15.5647 1 A15.1 19 1300 55 223 3211 105.970 1 A16.1 19 1320 33 223 2344 97.139 4 A16.1 19 1320 55 223 2344 197.139 4 A16.1 19 1320 55 223 2344 197.139 4 A17.1 13 1450 5 1.04 1.487 11.838 1 A18 13 3780 8 1.04 1.487 11.838 1 A19 1440 33 223 234 244 97.139 4 A11.1 19 1320 55 223 234 13.00 1 A15. 13 3780 8 1.04 1.487 11.838 1 A16 13 3780 8 1.04 2.891 2.3130 1 A17 13 4550 5 1.04 2.891 2.3130 1 A19 13 2799 8 1.04 2.891 2.3130 1 A20 13 2790 16 1.04 2.891 2.3130 1 A21 13 2790 16 1.04 2.891 2.3130 1 A22 13 2790 16 1.04 2.891 2.3130 1 A21 13 2790 16 1.04 2.891 2.3130 1 A22 13 2790 16 1.04 2.892 24.269 8 A22 13 2790 17 1.04 2.892 24.269 8 A22 13 2790 17 18 2.29 24.29 24.29 27 A23 13 2790 24 2.29 24.29 24.29 27 A24 19 1000 346 2.29 24.29 24.29 27 A25 19 1100 346 2.23 2.242 394.666 2 B6 13 2750 450 1004 2.899 1275.640 3 B6 13 2750 450 1004 2.899 1275.640 3 B6 13 2750 450 1004 2.899 1275.640 3 B7 19 19 17290 2.52 2.33 16.257 61254 1 B11 19 17290 2 2 2 2 3 2 2 4 2 3 6 6 6 6 1 1 B11 19 17290 2 2 2 2 3 2 2 4 2 3 6 6 6 6 1 1 B11 19 17290 2 2 2 2 3 2 2 4 2 3 6 6 6 6 1 1 B11 19 17290 2 2 2 2 3 2 2 4 2 3 6 6 6 6 1 1 B11 19 17290 2 2 2 2 3 2 2 4 2 3 6 6 6 6 1 1 B11 19 17290 2 2 2 2 3 2 2 3 6 6 6 6 1 1 B11 19 17290 2 2 2 2 3 4 2 3 6 6 6 6 1 1 B11 19 17	A3.1	13	8530	54	1.04	3.871	ł	
A6	A4	13	1080	356	1.04	1.123		2
A6 13 1730 614 1 04 1.729 1104.709 3 A7 16 8200 72 1.58 12955 1023.524 1 A8 15 69300 79 1.58 14.109 1114.041 5 A9 16 9930 252 1.58 15.592 3953.723 4 A10 19 9250 19 2.23 12.165 110.831 1 A11 19 9250 19 2.23 18.398 185.915 1 A11 19 9240 2 223 18.398 73.590 1 A11 19 9240 2 223 18.398 73.590 1 A11 19 9240 2 223 2289 95.667 1 A11 19 9240 3 223 2292 95.667 1 A12 19 1800 33 223 2231	15	13	1130	356	1.04	1,175	418.371	2
A7 16 8200 72 1.58 12956 1023524 1 A5 15 8930 72 1.58 14.09 111.643 5 A9 16 9930 252 1.58 15.69 3953.723 4 A10 19 9249 5 2.23 22.665 110.831 1 A10 19 9249 5 2.23 22.665 110.831 1 A10 19 9249 6 2.23 18.398 183.915 1 A11.1 19 9340 2 2.23 18.398 73.570 1 A11.1 12 9250 4 2.23 18.398 73.570 1 A12.1 19 1300 33 2.23 2.899 95.67 1 A12.1 19 1300 33 2.23 2.899 95.67 1 A13.1 19 1440 33 2.23 3.211 105.970 1 A13.1 19 1440 55 2.23 3.211 105.970 1 A13.1 19 1340 55 2.23 3.211 105.970 1 A14.1 19 1320 33 2.23 2.294 9.5567 1 A15.1 19 1340 55 2.23 3.211 170.144 1 A14.1 19 1320 33 2.23 3.211 170.144 1 A15.1 13 1500 55 1.04 1.487 11.898 1 A16.1 13 3780 8 1.04 1.487 11.898 1 A17.1 13 4550 8 1.04 4.711 37.690 2 A18.1 13 2790 8 1.04 2.891 2.3.100 1 A20 13 2790 18 1.04 2.891 2.3.100 1 A20 13 2790 18 1.04 2.692 2.3.962 7 A21 13 2790 18 1.04 2.692 2.3.962 7 A21 13 2790 18 1.04 2.692 2.3.962 7 A21 13 2790 18 1.04 2.692 2.3.962 7 A22 13 2790 18 1.04 2.692 2.3.962 7 A21 13 2790 18 1.04 2.692 2.3.962 7 A22 13 2790 18 1.04 2.692 2.3.962 7 A21 13 2790 18 1.04 2.692 2.3.962 7 A22 13 2790 18 1.04 2.692 2.3.962 7 A22 13 2790 18 1.04 2.692 2.3.962 7 A21 13 2790 18 1.04 2.692 2.3.962 7 A22 13 2790 18 1.04 2.692 2.3.962 7 A23 13 2790 18 1.04 2.692 2.3.962 7 A24 13 2790 18 1.04 2.692 2.3.962 7 A25 13 2790 18 1.04 2.692 2.3.962 7 A26 13 2790 18 1.04 2.692 2.3.962 7 A27 13 2790 18 1.04 2.692 2.3.962 7 A28 13 2790 18 1.04 2.692 2.3.962 7 A29 13 2790 18 1.04 2.692 2.3.962 7 A20 13 2790 18 1.04 2.692 2.3.962 7 A21 13 2790 18 1.04 2.692 2.3.962 7 A22 13 2790 18 1.04 2.692 2.3.962 7 A23 13 2790 18 1.04 2.692 2.3.962 8 B2 22 8190 72 2.98 24.257 1161.546 5 B3 19 1900 346 2.23 2.243 18.598 2.3.150 11 B3 19 1900 346 2.23 2.243 18.598 2.3.150 11 B4 19 1900 346 2.23 2.243 18.598 2.3.150 11 B4 19 1900 346 2.23 2.243 18.598 2.3.150 11 B4 19 1900 346 2.23 2.243 18.598 2.3.150 11 B4 19 1900 346 2.23 2.243 18.598 2.3.150 11 B4 19 1900 346 2.23 2.243 18.598 2.3.15	AĞ	13	1730	514	104	1.799		
A8 15 8930 29 1.58 14:09 1114:643 5 A9 16 9930 292 1.58 15:69 355.729 4 A10 19 9949 5 223 1:58 15:69 365.729 4 A10.1 19 9249 5 223 1:58:38 18.595 1 A10.1 19 9240 2 2:3 18.598 185.975 1 A11.1 19 9340 2 2:3 18.598 185.975 1 A11.1 19 9340 2 2:3 18.598 185.975 1 A11.1 19 9340 33 2:3 18.598 75:500 1 A12 19 13:00 33 2:3 2:899 95:657 1 A12 19 13:00 55 2:3 2:899 155:647 1 A13.1 19 14:40 33 2:3 2:3 2:99 155:647 1 A13.1 19 14:40 33 2:3 2:3 11 170.184 1 A14.1 19 13:20 33 2:3 2:44 97:139 4 A14.1 19 13:20 53 2:3 2:3 2:44 15:5011 4 A15 19 14:40 5 10.4 16:50 11:858 1 A16.1 19 13:20 55 123 2:3 2:44 15:5011 4 A17 13 45:50 8 1.04 1.457 11:858 1 A18 13 37:60 8 1.04 3.391 31:450 1 A19 13 45:50 8 1.04 2:91 2:31:00 1 A19 13 45:50 8 1.04 2:91 2:31:00 1 A19 13 15:500 9 1.04 2:662 2:3962 7 A20 13 2:560 9 1.04 2:662 2:3962 7 A21 13 2:20 15 1.04 2:302 2:266 8 A19 12 22 8:40 48 2:98 24:408 177:496 5 B1 22 8:40 48 2:98 24:408 177:496 5 B1 22 8:40 22 2:98 24:408 177:496 5 B1 22 8:190 48 2:98 24:408 177:496 5 B1 22 8:190 48 2:98 24:408 177:496 5 B1 12 22 8:190 48 2:98 24:408 177:496 5 B1 12 22 8:190 48 2:98 24:408 177:496 5 B1 19 11:40 3:45 2:23 2:34 39:45 38:45 38 B1 19 10:90 3:45 2:3 18:398 2:35:110 1 B1 19 10:90 3:45 2:3 18:398 2:35:110 1 B1 19 10:90 2:4 2:23 2:23 2:244 19:55:51 1 B1 11 19 19:00 2:4 2:23 2:29 6:576 1 B1 11 19 19:00 2:4 2:23 2:29 6:576 1 B1 11 19 19:00 2:4 2:23 2:29 6:576 1 B1 11 19 19:00 2:4 2:23 2:29 6:576 1 B1 11 19 19:00 2:4 2:23 2:23 16:257 10:6688 1 B1 11 19 19:00 2:4 2:23 2:23 16:257 10:6688 1 B1 11 19 19:00 2:4 2:23 2:23 16:257 10:6688 1 B1 11 19 19:00 2:4 2:23 2:23 16:257 10:6688 1 B1 11 19 19:00 2:4 2:23 2:23 16:257 10:6688 1 B1 11 19 19:00 2:4 2:23 2:23 16:257 10:6688 1 B1 11 19 19:00 2:4 2:23 2:23 16:257 10:6688 1 B1 11 19 19:00 2:4 2:23 2:23 16:257 10:6688 1	A7	18	8200	79	1.58	12 958		
A10 19 9345 5 223 22165 110.051 1 A10.1 19 8250 10 2.23 18.338 183.925 1 A11.1 19 9340 2 223 18.338 183.925 1 A11.1 19 9340 2 223 18.338 73.520 1 A11.1 19 9340 2 223 18.338 73.520 1 A11.1 19 9340 33 223 18.338 73.520 1 A12.1 19 1300 33 223 2892 95.667 1 A12.1 19 1300 53 223 2899 153.647 1 A13.1 19 1440 33 223 2899 153.647 1 A13.1 19 1440 33 223 2899 153.647 1 A13.1 19 1440 55 223 2894 153.647 1 A14.1 19 1320 33 223 2944 97.139 4 A14.1 19 1320 53 223 2944 97.139 4 A15.1 19 1340 5 1.04 1.467 11.658 1 A15.1 19 1320 53 223 2944 17.139 4 A16.1 19 1320 53 223 2944 17.139 4 A17.1 13 4530 5 1.04 1.467 11.658 1 A17.1 13 4530 5 1.04 1.467 11.658 1 A17.1 13 4530 5 1.04 2.891 23.130 1 A13.1 19 2790 8 1.04 2.891 23.130 1 A20.1 13 2790 15 1.04 2.891 23.130 1 A20.1 13 2790 15 1.04 2.652 23.962 7 A21.1 13 2790 15 1.04 2.652 23.962 7 A21.1 13 2790 15 1.04 2.652 23.962 7 A22.1 13 2740 9 1.04 2.652 23.962 7 A22.1 13 2790 15 1.04 2.652 23.962 7 A22.1 13 2790 15 1.04 2.650 25.646 9 B1. 22 8190 46 2.98 24.257 1164.346 5 B1.1 22 8190 48 2.98 24.257 1164.346 5 B1.1 22 8190 48 2.98 24.256 1774.98 5 B2.1 22 8240 72 2.98 24.456 1774.98 5 B3.1 19 1550 88 2.23 19.022 1877.927 1 B8.1 19 1100 346 2.23 2.242 3846 66 2 B6.1 3.2750 450 1.04 2.899 24.556 1777.996 5 B8.1 19 1100 346 2.23 2.242 3846 66 2 B8.1 19 1990 115 223 23.16.35 7.87974 5 B8.1 19 1990 252 223 16.357 16.954 1 B8.1 19 1990 246 223 2241 845864 2 B8.1 19 1990 115 223 23.16.35 7.696.685 1 B8.1 19 1990 115 223 23.16.357 16.254 1 B8.1 19 1990 252 223 2416 2524 2546 1 B8.1 19 1990 252 223 2516.357 16.254 1 B8.1 19 1990 24 223 224 239 69.576 1 B8.1 19 1990 24 223 224 239 69.576 1 B8.1 19 1990 24 223 223 4236 103.879 1 B8.1 19 1990 24 223 223 4236 103.879 1 B8.1 19 1900 24 223 223 4236 103.879 1	A5	15	8930	79	1,58			
Ail. 19 8259 10 2.23 18.393 18.3935 1	A9	16	9930	252	1.58	15 639	3953.729	- i
A11 19 9340 2 223 22165 44312 4 A11,1 19 3250 4 223 18398 73590 1 A12,1 19 1300 33 223 2899 95667 1 A12,1 19 1300 55 223 2899 155667 1 A13,1 19 1440 33 223 2899 15567 1 A13,1 19 1440 35 223 2899 15567 1 A13,1 19 1440 35 223 3211 105970 1 A13,1 19 1440 55 223 3211 105970 1 A14,1 19 1320 33 223 2341 497.194 1 A14,1 19 1320 55 223 2244 97.193 4 A14,1 19 1320 55 223 2744 156011 4 A15,1 13 1430 5 104 1.407 11.838 1 A16,1 19 1370 55 104 1.407 11.838 1 A17,1 13 4550 5 1.04 4.711 37.690 2 A17,1 13 4550 5 1.04 4.711 37.690 2 A17,1 13 4550 5 1.04 4.711 37.690 2 A17,1 13 4550 5 1.04 2891 231.30 1 A17,1 13 4550 9 1.04 2.891 231.30 1 A19,1 13 1050 54 1.04 2.891 231.30 1 A20 13 2790 15 1.04 2.802 23.962 7 A21,1 13 2790 15 1.04 2.802 247.669 8 A22 13 2740 9 1.04 2.850 25.546 9 B1 22 8140 46 2.98 24.06 177.498 5 B1 12 8140 46 2.98 24.06 177.498 5 B2 12 28 8190 72 298 24.05 177.498 5 B2 12 28 8190 72 298 24.05 177.498 5 B2 12 28 8190 72 298 24.05 177.498 5 B3 19 8550 88 2.23 19.02 187.7974 5 B4 19 190 546 223 243 84566 2 B6 15 2750 450 1.04 2.899 21.65 385.810 1 B4 19 190 546 223 241.65 275.640 3 B7 19 9350 115 223 12.96 247.696 8 B7 19 9390 115 223 12.96 247.690 3 B8 19 9490 115 223 12.96 247.690 3 B8 19 9490 115 223 12.96 247.690 3 B8 19 9490 115 223 12.96 247.690 3 B9 19 7290 252 223 16.257 699.688 1 B11 19 7290 2 2 233 16.257 699.688 1 B11 19 7290 2 2 233 16.257 699.688 1 B11 19 7290 2 2 233 16.257 699.688 1 B11 19 7290 2 2 233 16.257 7.2544 1 B12 19 1300 24 223 2341 40.556 2	A10	19	9340	5	2.23	22.166	110 831	1
A11 19 9340 2 223 22168 44332 1 A11.1 19 3250 4 223 18398 73590 1 A12.1 19 1300 33 223 2899 95.667 1 A12.1 19 1300 55 223 2899 155.647 1 A13.1 19 1440 33 223 3211 105.970 1 A13.1 19 1440 53 223 3211 105.970 1 A13.1 19 1440 53 223 2311 105.970 1 A14.1 19 1320 33 223 2344 97.139 4 A14.1 19 1320 53 223 2944 97.139 4 A14.1 19 1320 53 223 2944 156.014 4 A15.1 19 1320 53 223 2944 156.014 4 A16.1 19 1320 5 104 1.467 11.858 1 A17. 13 4550 8 1.04 1.467 11.858 1 A18. 13 3760 8 1.04 1.467 11.858 1 A19 13 1050 5 1.04 1.467 11.858 1 A17 13 4550 8 1.04 2891 23.130 1 A17 13 4550 8 1.04 2891 23.130 1 A19 13 1050 54 1.04 2.862 23.962 7 A21 13 2790 18 1.04 2.862 23.962 7 A21 13 2790 18 1.04 2.862 23.962 7 A21 13 2790 18 1.04 2.862 23.962 7 A22 13 2740 9 1.04 2.850 25.868 8 A22 13 2740 9 1.04 2.850 25.868 9 B1.1 22 8140 48 2.98 24.297 1164.346 5 B1.1 22 8280 72 2.98 24.806 1757.297 5 B2.1 22 8240 72 2.98 24.806 1757.297 5 B3 19 190 348 223 23.41 34.888 2 B4 19 190 346 223 2.431 34.888 2 B5 19 1140 348 2.23 2.241 34.888 2 B6 13 2750 115 223 12.63 38.988 2.431 34.888 2 B7 19 2550 115 223 12.63 38.988 2.431 34.888 2 B8 13 2750 115 223 12.63 38.988 21.54.10 1 B8 19 190 346 223 2.241 38.988 21.54.10 1 B8 19 190 3490 115 223 21.163 245.873 5 B9 19 7290 252 223 16.257 81284 1 B11 19 7290 2 2 233 16.257 81284 1 B12 19 1300 24 223 23 16.257 81284 1 B13 19 1900 34 223 23 16.257 81284 1 B11 19 7290 2 2 233 16.257 81284 1 B13 19 1900 34 223 234 4358 103.879 1 B14 19 1690 24 223 423 4345 103.879 1 B15 18 3280 6 1.56 5.182 41.459 1	A10.1	19	8250	10				
A11.1 12 9250 4 223 18398 73590 1 A12.1 19 1300 33 223 2399 55667 1 A12.1 19 1300 53 223 2399 55667 1 A13.1 19 1440 33 223 3211 105970 1 A13.1 19 1440 55 223 3211 105970 1 A13.1 19 1320 33 223 3211 170,144 1 A14.1 19 1320 33 223 2244 92.139 4 A14.1 19 1320 55 223 2244 156011 4 A15 13 1450 5 1,04 1.487 11838 1 A15 13 1450 5 1,04 1.487 11838 1 A16 13 3780 8 1.04 2.891 23.130 1 A17 13 4550 8 1,04 4.711 37.690 2 A18.1 19 2790 8 1,04 2.891 23.130 1 A19 13 2790 8 1,04 2.891 23.130 1 A20 13 2560 9 1,04 2.692 23.962 7 A21 13 2740 9 1,04 2.652 23.962 7 A21 13 2740 9 1,04 2.652 23.962 7 A22 13 2744 9 1,04 2.652 23.962 7 A23 13 2740 9 1,04 2.652 23.962 7 A24 15 27 28 28 24 257 1161.546 5 B1.1 72 6190 46 2.98 24.08 1771.498 5 B2 22 6190 72 2.98 24.056 1757.246 5 B3 19 1090 546 2.98 24.056 1757.246 5 B4 19 1090 546 2.23 2.23 182.24 3984 2 B5 19 1140 366 2.23 2.24 3984 2 B6 13 2750 450 104 2.399 2167.927 1 B8 19 1990 72 2.98 24.553 1787.974 5 B8 19 1140 366 2.23 2.24 398.666 2 B6 13 2750 450 104 2.899 124.56 1771.498 5 B8 19 1140 366 2.23 2.24 398.666 2 B8 13 2750 450 104 2.899 124.59 1757.946 5 B8 19 1140 366 2.23 2.24 398.666 2 B8 19 2790 252 223 16.257 695.688 1 B11 19 7290 2 2 2 23 16.257 695.688 1 B12 19 1900 246 223 2.24 398.666 2 B8 19 3490 115 223 12398 2034.110 1 B11 19 7290 2 2 2 23 16.257 695.688 1 B12 19 1900 24 2.23 2.24 398.6668 1 B13 19 1900 24 2.23 2.24 398.6688 1 B11 19 7290 2 2 2 2 3 16.257 695.688 1 B13 19 1900 24 2.23 2.24 399.695.76 1	Att	19	9340	5	2.23		1	
A12	A11.1	13	8250	4	2 23			_
A12.1 12 1300 53 223 2899 153.647 1	A12	19						
A13 19 1440 33 2.23 3.211 103.970 1 A13.1 19 1440 55 2.23 3.211 170.144 1 A14 19 1320 33 2.23 2.244 97.339 4 A14.1 19 1320 35 2.23 2.244 156.011 4 A15.1 13 1430 5 1.04 1.407 11.838 1 A15.1 13 1430 5 1.04 1.407 11.838 1 A16.1 13 37.60 6 1.04 4.711 37.600 2 A15.1 13 1430 5 1.04 4.711 37.600 2 A15.1 13 2.250 8 1.04 4.711 37.600 2 A17.1 3 4530 5 1.04 4.711 37.600 2 A18.1 13 2.250 8 1.04 2.891 2.31.00 1 A19.1 13 2.250 8 1.04 2.891 2.31.00 1 A20 13 2.560 9 1.04 2.602 23.962 7 A21 13 2250 15 1.04 2.602 23.962 7 A21 13 2.250 9 1.04 2.602 23.962 7 A21 13 2.250 9 1.04 2.602 33.962 8 A22 2.3 2.740 9 1.04 2.602 33.962 8 B1 22 8140 48 2.98 24.250 1171.498 5 B1.1 22 8140 48 2.98 24.406 1771.498 5 B1.1 22 8190 22 2.98 24.505 1787.974 5 B2.1 22 8240 72 2.98 24.505 1787.974 5 B3 19 8550 88 2.23 190.22 1873.927 1 B4 19 1090 546 2.23 2.342 845.886 2 B6 13 2750 450 1.04 2.89 2.4456 1771.498 5 B7 19 1140 346 2.23 2.342 845.886 2 B8 13 2750 450 1.04 2.89 1.453 1787.974 5 B8 19 3490 115 2.23 2.341 845.884 2 B9 19 3790 15 2.23 12.342 845.886 2 B9 19 3250 116 2.23 18.398 2354.110 1 B8 19 3490 115 2.23 12.163 2354.110 1 B8 19 3490 115 2.23 12.163 2354.135 5 B9 19 7290 2.52 2.23 16.257 61.254 1 B11 19 7290 2 2 2.23 16.257 61.254 1 B12 19 1500 24 2.23 2.349 60.376 1 B13 19 1940 24 2.23 2.369 69.376 1 B14 19 1690 244 2.23 2.369 69.376 1 B15 18 3280 8 1.56 5.162 41.459 1	A12.1	19	1300	53				
A13.1 19 1440 53 223 3211 170.194 1 A14 19 1320 33 223 2944 97.139 4 A14.1 19 1320 53 223 2944 97.139 4 A14.1 19 1320 53 223 2944 197.139 4 A15.1 19 1320 55 1.04 1.487 11.858 1 A15.1 19 1430 5 1.04 1.487 11.858 1 A15.1 19 1430 8 1.04 3.931 31.450 1 A15.1 19 1550 8 1.04 2.931 23.130 1 A17.1 13 4550 8 1.04 2.931 23.130 1 A17.1 13 4550 8 1.04 2.931 23.130 1 A17.1 13 4550 8 1.04 2.931 23.130 1 A17.1 13 2790 15 1.04 2.931 23.130 1 A20.1 13 2790 15 1.04 2.952 22.962 7 A21.1 13 2790 15 1.04 2.850 25.645 9 A22.1 13 2790 15 1.04 2.850 25.645 9 A22.1 13 2790 16 1.04 2.850 25.645 9 B1. 22 8140 48 2.98 24.08 177.498 5 B1. 22 8140 48 2.98 24.08 177.498 5 B1. 22 8190 49 2.98 24.08 177.498 5 B1. 22 8190 22 2.98 24.08 177.498 5 B2.1 22 8240 72 2.98 24.506 1757.246 5 B3.1 12 8250 88 2.23 19.022 187.927 1 B4. 19 1090 346 2.23 2.431 84384 2 B5.1 1140 346 2.23 2.431 84384 2 B6. 13 2750 450 104 2.899 1277.640 3 B6. 13 2750 450 104 2.899 1277.640 3 B6. 13 2750 450 104 2.899 1277.640 3 B7. 19 140 346 2.23 2.431 84384 2 B7. 19 140 346 2.23 2.431 84384 356 2 B8. 19 140 346 2.23 2.431 84384 356 2 B8. 19 140 346 2.23 2.431 84384 2 B8. 19 1490 115 2.23 18.398 2334.110 1 B8. 19 1490 115 2.23 18.398 2334.110 1 B8. 19 1400 246 2.23 2.23 16.257 8254 1 B8. 11 19 7290 2.52 2.23 1	A3 3	19	1440					
A11 19 1320 33 223 2944 97.139 4 A14.1 19 1320 53 223 2944 156.011 4 A14.1 19 1320 5 1.04 1.467 11.638 1 A15 13 14.90 8 1.04 3.331 37.450 1 A18 13 3760 8 1.04 3.331 37.450 1 A17 13 4530 8 1.04 2891 23.130 1 A17 13 4530 8 1.04 2891 23.130 1 A18 13 2799 8 1.04 2891 23.130 1 A20 13 2790 15 1.04 2.662 23.962 7 A21 13 2790 15 1.04 2.662 23.962 7 A21 13 2790 15 1.04 2.850 25.668 9 B1 22 8140 45 2.98 24.257 1164.346 5 91.1 22 8140 45 2.98 24.257 1176.986 5 B2 22 8190 72 2.98 24.406 1757.246 5 B2 22 8190 72 2.98 24.406 1757.246 5 B3 19 8530 88 2.23 19.02 1873.977 1 B4 19 1090 346 2.23 2.431 845.84 2 B5 19 1140 346 2.23 2.431 845.84 2 B6 13 2750 450 10.4 2.350 2.5646 9 B6 13 2750 450 2.23 18.24 18.45 84.25 19.25 1	A13.1	19	1440	53				
A14.1 19 1320 53 223 2344 156011 4 A15 13 1430 5 1,04 1.437 11.838 1 A15 13 3740 8 1.04 3.931 31.450 1 A17 13 4530 5 1.04 4.711 37.630 2 A17 13 4530 5 1.04 4.711 37.630 2 A18 13 2750 8 1.04 2.931 23.130 1 A19 13 1030 54 1.04 1.071 57.845 1 A20 13 2560 9 1.04 2.632 23.962 7 A21 13 2250 15 1.04 2.632 23.962 7 A21 13 2250 15 1.04 2.632 23.962 7 A21 13 2250 15 1.04 2.632 242.69 8 A22 13 2740 9 1.04 2.632 242.69 8 A22 13 2740 9 1.04 2.632 42.69 8 B1 22 8140 48 2.98 24.257 11.64.348 5 B1.1 22 8140 48 2.98 24.257 11.64.348 5 B1.1 22 8190 22 2.98 24.05 1777.498 5 B2 22 8190 72 2.98 24.05 1777.498 5 B2 22 8190 72 2.98 24.05 1757.246 5 B2.1 22 8240 72 2.98 24.05 1757.246 5 B2.1 22 8240 72 2.98 24.05 1757.246 5 B3 19 8550 88 2.23 19022 1873.927 1 B4 19 1090 346 2.23 2.241 845.884 2 B5 19 1140 346 2.23 2.24 845.886 2 B6 13 2750 450 1.04 2.899 1727.640 3 B7 19 9250 116 2.23 18.398 2351.10 1 B8 19 9490 115 2.23 21.163 2554.10 1 B8 19 9490 115 2.23 21.163 2554.10 1 B11 19 7290 2.52 2.23 16.257 8254 1 B11 19 7290 2.52 2.23 16.257 8254 1 B12 19 1300 24 2.23 2.29 69.576 1 B13 19 1940 24 2.23 2.23 4.05 103.879 1 B14 19 1690 24 2.23 2.29 69.576 1 B13 19 1940 24 2.23 2.3 4.926 103.879 1 B14 19 1690 24 2.23 3.769 90.449 4 B15 18 3280 8 1.56 5.182 41.459 1	A14	19	1320					
A15 13 1430 5 1,04 1,457 11,558 1 A15 13 3740 8 1,04 3,391 31,450 1 A17 13 4550 8 1,04 3,391 31,450 1 A17 13 4550 8 1,04 2,391 23,150 1 A13 13 2792 8 1,04 2,891 23,150 1 A13 13 1030 54 1,04 1,071 57,645 1 A20 13 2560 9 1,04 2,662 23,962 7 A21 13 2790 15 1,04 2,262 23,962 7 A21 13 2790 15 1,04 2,262 23,962 7 A21 13 2790 15 1,04 2,265 23,962 7 A22 13 2740 9 1,04 2,850 25,646 9 B1 22 8140 48 2,98 24,257 1164,346 5 B1,1 22 8190 48 2,98 24,08 1774,98 5 B1,1 22 8190 48 2,98 24,08 1774,98 5 B2,1 22 8240 72 2,98 24,06 1757,246 5 B2,1 22 8240 72 2,98 24,555 1787,974 5 B3 19 1090 348 2,23 19,022 1873,927 1 B4 19 1090 348 2,23 19,022 1873,927 1 B5 19 1140 346 2,23 2,413 845,864 2 B6 13 2750 450 1,04 2,89 127,640 3 B7 19 8250 116 2,23 12,423 845,666 2 B8 19 3490 115 2,23 2,413 845,864 2 B7 19 8250 116 2,23 12,423 845,666 2 B8 19 3490 115 2,23 12,163 2,245,873 5 B9 19 7290 252 2,23 16,257 4096,685 1 B11 19 7290 2 22 2,23 16,257 61,244 1 B11 19 7290 2 2 2,23 16,257 61,244 1 B11 19 7290 2 4 2,23 2,423 10,3529 1 B11 19 7290 2 4 2,23 2,423 10,3529 1 B13 19 1940 24 2,23 2,49 60,576 1 B13 19 1940 24 2,23 2,49 60,576 1 B14 19 1500 24 2,23 4,36 10,3529 1 B15 18 3280 8 1,56 5,162 41,459 1								
A18 13 3780 8 1.04 3331 37.450 1 A17 13 4530 8 1.04 4.711 37.690 2 A13 13 4530 8 1.04 4.2891 23.130 1 A13 13 1030 34 1.04 2.891 23.130 1 A20 13 2550 9 1.04 2.982 24.269 2 A21 13 2790 15 1.04 2.392 22.5649 8 A21 13 2790 15 1.04 2.392 22.5649 8 A22 13 2790 45 2.98 24.297 1164.346 5 81 22 8140 45 2.98 24.406 1174.496 5 82.1 22 8190 72 2.98 24.406 1174.496 5 82.1 22 8190 72 2.98 24.406 <td>À15</td> <td>13</td> <td>1430</td> <td></td> <td></td> <td></td> <td></td> <td></td>	À15	13	1430					
A17 13 4530 5 1.04 4.711 37.690 2 A18 13 2790 8 1.04 2.891 23.130 1 A17 13 1050 34 1.04 2.891 23.130 1 A20 13 2560 9 1.04 2.662 23.962 7 A21 13 2790 15 1.04 2.302 42.669 8 A22 13 2740 9 1.04 2.850 25.545 9 B1 22 8140 45 2.96 24.257 1164.346 5 91.1 22 8190 46 2.98 24.03 1171.498 5 92 22 8190 12 2.98 24.03 1177.498 5 92.1 22 8240 22 2.98 24.555 1787.974 5 83 19 5550 38 2.23 19.02				_				
A13 13 2799 8 1.04 2891 23.130 1 A13 13 1030 54 1.04 1.071 57.845 1 A20 13 2560 9 1.04 2.652 23.962 7 A21 13 2790 15 1.04 2.232 42.662 8 A22 13 2740 9 1.04 2.850 25.646 9 B1 22 8140 48 2.98 24.257 1164.346 5 B1.1 22 8190 48 2.98 24.08 1171.498 5 B1.1 22 8190 48 2.98 24.08 1171.498 5 B2.1 22 8240 72 2.98 24.06 1777.246 5 B2.1 22 8240 72 2.98 24.553 1787.974 5 B3 19 2550 88 2.23 19.022 1877.977 1 B4 19 1090 346 2.23 2.311 845.884 2 B5 19 1140 346 2.23 2.342 884.668 2 B6 13 2750 450 1.04 2.839 1727.640 3 B7 19 8250 115 2.23 2.342 884.668 2 B8 19 3490 115 2.23 2.1163 2.254.10 1 B8 19 3490 115 2.23 2.1163 2.254.873 5 B9 19 7290 252 2.23 16.257 4096.685 1 B11 19 7290 2 22 2.23 16.257 8244 1 B11 19 7290 2 2 2.23 16.257 8244 1 B11 19 7290 2 2 2.23 16.257 8244 1 B11 19 7290 2 2 2.23 16.257 8244 1 B13 19 1940 24 2.23 2.24 4.95 6.85 1 B11 19 7290 2 2 2.23 16.257 8244 1 B11 19 7290 2 4 2.23 4.36 10.3529 1 B13 19 1940 24 2.23 2.342 899 69.576 1 B13 19 1940 24 2.23 4.36 10.3529 1 B14 19 1500 24 2.23 3.3769 90.449 4 B15 18 3280 8 1.56 5.162 41.459 1	A17	13	4530	8				
A12 13 1030 54 1.04 1.071 57.845 1 A20 13 2556 9 1.04 2.652 23.962 7 A21 13 2750 18 1.04 2.652 23.962 7 A21 13 2750 18 1.04 2.652 23.962 7 A21 13 2750 18 1.04 2.650 23.962 7 A21 13 2750 9 1.04 2.650 25.646 9 A22 13 2740 17 A22 18 A22 18 A22 18 A22 18 A22 18 A23 18 A22 18 A24 18 A24 18 A22 18 A24 18	A15	13	2790					
A20 13 2560 9 1.04 2.662 23.962 7 A21 13 2290 16 1.04 2.352 42.669 8 A22 13 2740 9 1.04 2.850 25.646 9 81 22 8140 48 2.98 24.257 1164.346 5 81.1 22 8190 48 2.98 24.403 1171.498 5 82 22 8190 72 2.98 24.503 1767.974 5 82.1 22 8240 72 2.98 24.555 1767.974 5 83 13 8550 88 2.23 1902 1877.977 1 84 19 1090 346 2.23 2.431 345.884 2 95 19 1140 346 2.23 2.242 384.686 2 87 19 3250 116 2.23 12.163	A13	13						
A21 13 2790 15 1.04 2.382 42.563 8 A22 13 2740 9 1.04 2.850 25.646 9 81 22 8140 48 2.98 24.257 1164.346 5 81.1 22 8190 48 2.98 24.056 1174.498 5 82 22 8190 72 2.98 24.056 1174.498 5 82.1 22 8240 72 2.98 24.656 1772.498 5 83 19 8550 88 2.23 19.022 1873.927 1 84 19 1090 346 2.23 2.401 84.5884 2 85 19 1140 346 2.23 2.411 845.884 2 86 13 2750 450 1.04 2.839 1727.640 3 87 19 8250 115 2.23 2.412 824.640 3 88 19 3490 115 2.23 2.1163 2.451.10 1 88 19 3490 115 2.23 2.1163 2.451.853 5 89 19 7290 252 2.23 16.257 4096.685 1 810 19 7290 2 22 2.23 16.257 8254 1 811 19 7290 2 2 2.23 16.257 8254 1 812 19 1300 24 2.23 2.24 2.99 69.576 1 813 19 1940 24 2.23 2.29 69.576 1 813 19 1940 24 2.23 2.29 69.576 1 814 19 1500 24 2.23 2.24 436 103.879 1	A20	13	2560	9				
A22 13 2740 9 104 2.850 23.546 9 81 22 8140 A8 2.98 24.257 1164.348 5 81.1 72 8190 A8 2.98 24.406 1171.498 5 82 22 8190 72 2.98 24.555 1787.974 5 82.1 22 8240 72 2.98 24.555 1787.974 5 83 13 2550 38 2.23 19.022 187.927 1 94 19 1090 348 2.23 2.411 845.884 2 85 19 1140 346 2.23 2.421 884.686 2 86 13 2750 450 1.04 2.839 1277.540 3 87 19 3250 116 2.23 18.139 2.134.110 1 88 19 9490 115 2.23 <td< td=""><td>AZI</td><td>13</td><td></td><td></td><td></td><td></td><td>-</td><td></td></td<>	AZI	13					-	
81 22 8140 45 2.98 24.257 1161.346 5 91.1 22 8190 46 2.98 24.405 1171.498 5 92 22 8190 72 2.98 24.406 1757.246 5 82 12 82.40 72 2.98 74.555 1787.974 5 83 19 8530 88 2.23 19.022 1877.977 1 84 19 1050 346 2.23 2.431 845.844 2 85 19 1140 346 2.23 2.431 845.84 2 86 13 2750 450 104 2.23 2.542 884.566 2 87 19 8250 118 2.23 18.398 2.311 10.10 1 88 19 9490 115 2.23 21.163 2451.873 5 89 19 7290 252 2.3 16.257 81.254 1 811 19 7290 2 2.23 16.257 81.254 1 812 19 1500 24 2.23 2.299 66.576 1 813 19 1940 24 2.23 2.899 66.576 1 814 19 1500 24 2.23 4.258 10.3879 1	A22	13	2740			_		
81.1 72 6190 .46 2.98 24.436 1171.498 5 82 22 8190 72 2.98 24.06 1757.246 5 82.1 22 8240 72 2.98 24.555 1757.974 5 83 19 2550 38 2.23 19.022 1873.927 1 84 19 1090 348 2.23 2.431 845.884 2 85 19 1140 346 2.23 2.342 894.686 2 86 13 2750 450 1.04 2.839 1277.640 3 87 19 8250 116 2.23 18.398 233.110 1 88 19 9490 115 2.23 21.63 2458.873 5 89 19 7290 22 2.23 16.257 4096.688 1 810 19 7290 2 2.23 <								
81.1 22 8190 A8 2.98 24.456 1171.498 5 92 22 8190 72 2.98 24.406 1751.246 5 92.1 22 8240 72 2.98 24.505 1767.974 5 83 19 8550 88 2.23 19.922 1873.927 1 84 19 1090 546 2.23 2.431 845.884 2 85 19 1140 346 2.23 2.431 845.884 2 86 13 2750 450 104 2.839 1277.640 3 87 19 8250 116 2.23 18.398 233.110 1 88 19 9490 115 2.23 21.163 2454.873 5 89 19 7290 232 2.23 16.257 4096.686 1 810 19 7290 2 2.23 16.257 4096.686 1 811 19 7290 24 2.23 16.257 32.513 1 812 19 1300 24 2.23 2.999 69.576 1 813 19 1940 24 2.23 2.158 2.15.29 1 814 19 1690 24 2.23 3.769 90.449 4 815 18 3280 5 1.56 5.182 41.459 1	81	22	8140	48	2.98	24 257	1164 348	
92 22 8190 72 298 24.606 1757.246 5 82.1 22 8240 72 298 24.555 1787.974 5 83 19 8550 38 2.23 19.022 1873.927 1 84 19 1090 346 2.23 2.431 845.884 2 85 19 1140 346 2.23 2.542 384.686 2 86 13 2730 450 1.04 2.839 1277.540 3 87 19 3250 115 2.23 18.163 2254.873 5 89 19 3490 115 2.23 21.163 2454.873 5 89 19 7290 252 2.23 15.257 4096.688 1 80 19 2490 5 2.23 16.257 81.254 1 801 19 7290 2 2.23 1	81.1	n	8190					
82.1 22 8240 22 298 24555 1787.974 5 83 19 8550 88 2.23 19022 1873.927 1 84 19 1090 346 2.23 2.431 845.884 2 85 19 1140 346 2.23 2.342 884.686 2 86 13 2730 450 1.04 2.839 1277.640 3 87 19 8250 116 2.23 18.398 2138.110 1 88 19 3490 115 2.23 21,163 2454.873 5 89 19 7290 252 2.23 16,257 4096.688 1 99 19 7290 252 2.23 16,257 36244 1 811 19 7290 2 2.23 16,257 36244 1 812 19 1300 24 2.23 2.8	82	22	8190					
83 19 8530 88 2.23 19.022 1873.927 1 84 19 1090 346 2.23 2.431 845.884 2 85 19 1140 346 2.23 2.431 845.884 2 86 13 2750 450 1.04 2.839 1275.640 3 87 19 8250 115 2.23 18.398 2136.110 1 88 19 3490 115 2.23 18.398 2136.110 1 88 19 3490 115 2.23 21.16.3 2454.873 5 99 19 7290 252 2.23 16.257 4096.685 1 810 19 7290 5 2.23 16.257 4096.685 1 811 19 7290 2 2.23 16.257 32.513 1 812 19 1300 24 2.23 2.899 65.576 1 813 19 1940 24 2.23 2.899 65.576 1 814 19 1650 24 2.23 3.769 90.449 4 815 18 3280 6 1.56 5.182 41.459 1	82.1	22	8240					
84 19 1090 346 2.23 2.431 845 884 2 85 19 1140 345 2.23 2.342 384.686 2 86 13 2730 450 1.04 2.839 1277.540 3 87 19 3250 116 2.23 18.398 2134.110 1 88 19 9490 115 2.23 21.163 2454.873 5 89 19 7290 252 2.23 15.257 4096.688 1 810 19 7290 252 2.23 16.257 32.548 1 811 19 7290 2 223 16.257 32.513 1 812 19 1300 24 2.23 2899 69.576 1 813 19 1940 24 2.23 4.325 10.3529 1 814 19 1650 24 2.23 3.75	83							
95 19 1140 346 223 2342 884686 2 88 13 2730 450 1.04 2839 1277.640 3 87 19 8250 116 223 18.398 2138.110 1 88 19 8250 116 2.23 21.163 2454.873 5 89 19 7290 252 223 16.257 6096.688 1 1010 19 7290 252 223 16.257 6096.688 1 1010 19 7290 2 223 16.257 60.254 1 1010 19 7290 2 2 223 16.257 60.254 1 1010 19 7290 2 2 223 16.257 73.254 1 101.257 80.258 1 101.257 80.258 1 101.257 80.258 1 101.257 80.258 1 101.257 80.258 1 101.257 80.258 1 101.257 80.258 1 101.257 80.258 1 101.257 80.258 1 101.258 1 101.258 1 101.258 1 101.258 1 101.259 1 101.258 1 101.259 1 101.								
86 13 2730 450 1.04 2.839 1277.640 3 87 19 3250 116 2.23 18.398 2134.110 1 88 19 9490 115 2.23 21.163 2454.873 5 89 19 7290 252 2.23 16.257 4096.688 1 810 19 7290 2 2.23 16.257 81.244 1 811 19 7290 2 2.23 16.257 32.513 1 812 19 1300 24 2.23 2.899 69.576 1 813 19 1940 24 2.23 4.326 103.829 1 814 19 1690 24 2.23 3.769 90.449 4 815 18 3280 8 1.56 5.182 41.459 1	95		1140					
87 19 8250 116 2.23 18.598 213£110 1 88 19 3490 115 2.23 21.16.3 2454.873 5 69 19 7290 252 2.23 16.257 4096.685 1 810 19 7290 5 2.23 16.257 32.513 4 811 19 7290 2 2.23 16.257 32.513 4 812 19 1300 24 2.23 2.899 69.576 1 813 19 1940 24 2.23 4.326 103.529 1 814 19 1690 24 2.23 3.769 90.449 4 815 18 3280 6 1.56 5.182 41.459 1	86	13	2750					
08 19 9490 115 223 21.163 2454.873 5 09 19 7290 252 223 16.257 87294 1 810 19 7290 5 223 16.257 87294 1 811 19 7290 2 2 23 16.257 87294 1 812 19 1500 24 223 16.257 87.513 1 813 19 1940 24 223 2899 69.576 1 813 19 1940 24 223 4328 103.879 1 814 19 1650 24 223 4328 103.879 1 815 18 3280 5 1.56 5.182 41.459 1	87	19	8250					
69 19 7290 232 223 15:257 4096.688 1 B10 19 7290 5 2.23 16:257 81:254 1 B11 19 7290 2 2:23 16:257 81:254 1 B12 19 1300 2 2:23 18:39 69:576 1 B13 19 19:40 24 2:23 4:28 103:829 1 B14 19 1690 24 2:23 3:759 90:449 4 B15 18 3/290 8 1:58 5:182 41:459 1	- 86	19	9190	115				_
010 19 2290 5 2.23 16.257 81.254 1 811 19 7290 2 2.23 16.257 32.513 1 812 19 1300 24 2.23 2.899 65.576 1 813 19 1940 24 2.23 4.326 103.829 1 814 19 1630 24 2.23 3.759 90.449 4 815 18 3280 8 1.56 5.182 41.459 1	89	19	7290	252				
811 19 7290 2 223 16.257 32.513 4 812 19 1300 24 223 2899 69.576 1 813 19 1940 24 223 4325 103.529 1 814 19 1690 24 223 3.3789 90.449 4 815 18 3280 5 1.58 5.182 41.459 1	910	19 .						
812 -19 1300 24 2.23 2.899 69.576 1 813 19 1940 24 2.23 4.326 103.829 1 814 19 1690 24 2.23 3.769 90.449 4 815 18 3280 8 1.56 5.182 41.459 1	811							
813 19 1940 24 2.23 4.326 103.829 1 814 19 1690 24 2.23 3.769 90.449 4 815 18 3280 8 1.56 5.182 41.459 1	812	- 19	1300	24				
814 19 1690 24 2.23 3.769 90.449 4 815 18 3280 8 1.56 5.182 41,459 1	813							
815 18 3280 8 6.56 5.182 41.459 1	B14	19						
	815							
				-				

	DIA	15,150.		WEIGHT	WEIGHT		i
TIPE		LENGIH	NUMBER	FER TWT	PER - 548	WEIGHT	SHAPE
	(~~)	(mm)		(40)	(4)	ا دی ا	3,04
						l	
C1	15	7150	136	1.58	11.313	1538.541	5
C5	16	7210	135	1.58	11.392	1549.283	3
C3	13	9990					1
			. 88	1.04	10.390	914.285	
_ £4	13	1980	370	1.04	1.123	415.584	2
€5	13	1150	370	1.04	1.175	434 824	2
C6	13	1950	521	1.04	2.059		3
						1072.543	
C7	13	8250	154	2.23	18.398	3017.190	11
C6	. 19	9110	154	2 23	20.315	3331.709	5
C9	13	3990	252	2 23	22.278	5513.980	1
CHO							
	19	3530	5	553	22.278	111 399	1
CII	19	3330	2	2.23	22 275	44.555	1
C12	13	1300	28	2 23	5 833	81,172	1
Ç13	19	1560	28	2 23		97,406	
					3.479		1
C14	19	1490	28	2.23	3 3 2 3	93.038	4
						•	
01	22	6650	20	2.95	19.817	395 340	5
01.1	22	6450	40	2.98	19.310	772.415	. 5
012	55	6430	. 20	2.98	19.151	333 228	5
DZ	13	10020	43	1.04	10.421	415 832	,
	13						
03		3030	45	1.04	3.151	126.045	
D4	19	1310	45	5.23	2.921	131,459	2
05	19	1140	90	2 23	2.542	226,795	2
05.1	19	1090	45	2.23	2.431		
						109 382	2
D6	. 13	1730	155	1.04	1.799	275 875	3
_07	19	8360	20	2.23	18.643	372.856	1
08	22	9160	42	2.98	27.297	1091.872	5
09	22						
		9040	127	2.98	26.939	3421.275	1
D9.4	19	9790	127	2.23	21.832	2772.625	ŧ
010	. 13	8990	5	2 23	20.048	100.239	1
011							
	13	8990	2	2.23	20.045	40.095	. 1
012	13	1300	8	2.25	2 899	23.192	
013	19	1440	8	2.23	3 211	25.690	1
Dte							
—- 	19	1320	8	2 2 3	2.944	23.549	4
015	_16	5230	114	1.58	5,103	551.788	ı
016	19	9440	20	2 23	21.051	421.024	3
017	19	8360	20	2.23		372 856	1
					18 643		
DIS	13	1239	358	1.04	1,279	457,954	3
					4 5 5		
EI .	22	1260	28	2.98	12.695	355.454	5
£1,1	19	+250	25	2.23	9.478	265.370	. 5
E1.2	19	4080	112	2.23	9.098	1019.021	5
E1.3	19	4030	54	2.23	8.987	503.766	- 5
€3	13	1340	770	1.04	1.394	1073 072	3
. E4	16	1310	56	1.58	2.070	115.909	1
£5	16	1140	112	1.58	9.801	201,734	2
€5.1	16	1090	56	1.58	1.722	36.443	2
							
E6	13	1740	434	1.04	1.810	785.356	3
		8360	56	2.23			1
£7	1.8				15.643	1043.997	
٤٦.	19						-
£7 £8	22	9160	55	2.96	27.297	1528.621	5
£7 £8 £10,3	22 19	9160 8360	56 5	2.96 2.23	27.297 18.643		. 1
£7 £8	22	9160	55	2.96	27.297	1528.621	
£7 £8 £10,1 £11,1	22 19 19	8160 8360 8360	56 5 2	2.96 2.23 2.23	27.297 18.643 18.643	93.214 37.286	1 1
£7 £8 £10.1 £11.1	22 19 19 19	9160 8360 8360 1300	56 5 2 23	2.96 2.23 2.23 2.23	27.297 18.643 18.643 2.899	93.214 37.286 68.677	1 1
£7 £8 £10,1 £11,1 £12 £121	22 19 19 19	8360 8360 8360 1300 1300	56 5 2 23 53	296 2.23 2.23 2.23 2.23 2.23	27.297 18.643 18.643 2.899 2.899	1528.621 93.214 37.286 68.677 153.647	1 1 1
£7 £8 £10.1 £11.1	22 19 19 19	9160 8360 8360 1300	56 5 2 23	2.96 2.23 2.23 2.23	27.297 18.643 18.643 2.899	93.214 37.286 68.677	1 1
£7 £8 £10.1 £11.1 £12 £121	22 19 19 19 19	9180 8360 8360 1300 1300 1440	56 5 2 23 53 23	2.96 2.23 2.23 2.23 2.23 2.23 2.23	27.297 18.643 18.643 2.899 2.899 3.211	1528.621 93.214 37.286 68.677 153.647 73.858	1 1 1
£7 £8 £10.1 £11.1 £12 £12.1 £13.1	22 19 19 19 19 19	9180 8360 8360 1300 1300 1440	56 5 2 23 53 53 23 53	2.96 2.23 2.23 2.23 2.23 2.23 2.23	27.297 18.643 18.643 2.899 2.899 3.211 3.211	1528.621 93.214 37.286 68.677 153.647 73.858 170.134	1 1 1 1 1 1
£7 £8 £10.1 £11.1 £12 £12.1 £43 £13.1 £14	22 19 19 19 19 19 19	9180 8360 8360 1300 1300 1440 1440	56 5 2 23 53 53 23 53 23	2.96 2.23 2.23 2.23 2.23 2.23 2.23 2.23 2.2	27.297 18.643 18.643 2.899 2.899 3.211 3.211 2.854	1528.621 93.214 37.286 66.677 153.647 73.858 170.134 65.651	1 1 1 1 1 1 1 4
£7 £8 £10.1 £11.1 £12 £12.1 £13.1	22 19 19 19 19 19	9180 8360 8360 1300 1300 1440	56 5 2 23 53 53 23 53	2.96 2.23 2.23 2.23 2.23 2.23 2.23	27.297 18.643 18.643 2.899 2.899 3.211 3.211	1528.621 93.214 37.286 68.677 153.647 73.858 170.134	1 1 1 1 1 1
£7 £8 £10.3 £11.4 £12.1 £13.1 £13.1 £14.1	22 19 19 19 19 19 19	9180 8360 8360 1300 1300 1440 1440 1280 1280	56 5 2 23 53 23 53 23 53	296 223 223 223 223 223 223 223 223 223	27.297 18.643 18.643 2.899 2.899 3.211 3.211 2.854 2.854	1528.621 93.214 37.286 66.677 153.647 73.858 170.134 65.651 151.283	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
£7 £8 £10.3 £11.4 £12 £121 £13.1 £13.1 £14 £14.1 £15	22 19 19 19 19 19 19 19 19	9180 8380 8360 1300 1300 1440 1640 1280 1280 7540	56 5 2 23 53 53 23 53 23 53 53	296 223 223 223 223 223 223 223 223 223 22	27.297 18.643 18.643 2899 2899 3 211 3 211 2.854 2 854 16.614	1528.621 93.214 37.286 66.677 153.647 73.858 170.134 65.651 151.283 1915.819	1 1 1 1 1 1 4 4 1 1
£7 £8 £10.3 £11.4 £12 £12.1 £13 £13.1 £14 £14.1 £15 £18	22 19 19 19 19 19 19 19 19	9180 8380 8360 1300 1300 1440 1440 1280 1280 7540 9440	56 5 2 23 53 53 23 53 23 53 114 56	296 223 223 223 223 223 223 223 223 223 22	27.297 18.643 18.643 2899 2899 3.211 3.211 2.854 2.854 16.614 21.051	1528.621 93.214 37.286 66.677 153.647 73.858 170.194 65.651 151.283 1915.819	1 1 1 1 1 4 4 4 1 3
£7 £8 £10.3 £11.4 £12 £121 £13.1 £13.1 £14 £14.1 £15	22 19 19 19 19 19 19 19 19	9180 8380 8360 1300 1300 1440 1640 1280 1280 7540	56 5 2 23 53 53 23 53 23 53 53	296 223 223 223 223 223 223 223 223 223 22	27.297 18.643 18.643 2899 2899 3 211 3 211 2.854 2 854 16.614	1528.621 93.214 37.286 66.677 153.647 73.858 170.134 65.651 151.283 1915.819	1 1 1 1 1 1 4 4 1 1
£7 £8 £10.3 £11.4 £12 £12.1 £13 £13.1 £14 £14.1 £15 £18	22 19 19 19 19 19 19 19 19	9180 8380 8360 1300 1300 1440 1440 1280 1280 7540 9440	56 5 2 23 53 53 23 53 23 53 114 56	296 223 223 223 223 223 223 223 223 223 22	27.297 18.643 18.643 2899 2899 3.211 3.211 2.854 2.854 16.614 21.051	1528.621 93.214 37.286 66.677 153.647 73.858 170.194 65.651 151.283 1915.819	1 1 1 1 1 4 4 4 1 3
£7 £8 £10,5 £11,5 £12 £12,1 £13 £13,1 £14,4 £14,4 £15 £18 £17	22 19 19 19 19 19 19 19 19 19	9160 8360 8360 1300 1300 1440 1440 1280 1290 7540 9440 8360	56 5 2 23 53 23 53 53 53 53 114 56 56	296 223 223 223 223 223 223 223 223 223 22	27.297 18.643 18.643 2899 3.211 3.211 2.854 2.854 2.854 15.614 21.051 18.043	1528.621 93.214 37.286 66.677 153.647 73.858 170.134 65.651 151.263 1918.819 1178.867	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
67 68 610.3 611.1 612.1 613.1 614.1 614.1 615.6 617.7	22 19 19 19 19 19 19 19 19 19	9186 8360 8360 1300 1300 1440 1440 1280 1280 7540 9440 8360	56 5 2 23 53 53 53 53 53 114 56 56	296 223 223 223 223 223 223 223 223 223 22	27.297 18.643 18.643 2.899 2.899 3.211 3.211 2.854 2.854 16.614 21.051 15.452	1528.621 93.214 37.285 68.677 153.687 73.858 170.134 65.651 151.263 1915.819 1178.667 1043.997	1 1 1 1 1 1 4 4 4 1 3
\$7 \$6 \$10.1 \$11.1 \$12.1 \$13 \$14 \$14 \$14 \$15 \$15 \$17 \$15 \$17	22 19 19 19 19 19 19 19 19 19 19	9160 8360 8360 1300 1300 1440 1440 1280 7540 9440 8360 9780 10650	56 5 2 23 53 23 53 53 53 53 114 56 56	296 2.23 2.23 2.23 2.23 2.23 2.23 2.23 2.2	27.297 18.643 18.643 2899 3.211 3.211 2.854 2.854 2.854 15.614 21.051 18.043	1528.621 93.214 37.286 66.677 153.647 73.858 170.134 65.651 151.263 1918.819 1178.867	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
67 68 610.3 611.1 612.1 613.1 614.1 614.1 615.6 617.7	22 19 19 19 19 19 19 19 19 19	9186 8360 8360 1300 1300 1440 1440 1280 1280 7540 9440 8360	56 5 2 23 53 53 53 53 53 114 56 56	296 223 223 223 223 223 223 223 223 223 22	27.297 18.643 18.643 2.899 2.899 3.211 3.211 2.854 2.854 16.614 21.051 15.452	1528.621 93.214 37.285 68.677 153.687 73.858 170.134 65.651 151.263 1915.819 1178.667 1043.997	1 1 1 1 1 1 4 4 4 1 3
\$7 68 £10.3 £11.1 £12.1 £12.1 £13.1 £14.1 £14.1 £15.1 £18.1 £17.7	22 19 19 19 19 19 19 19 19 19 19 19 19	9180 8360 8360 1300 1440 1440 1280 1280 9740 9440 8360	55 5 2 23 53 53 53 53 53 53 54 55 56 56 56 56 56 56	2 96 2.23 2.23 2.23 2.23 2.23 2.23 2.23 2.2	27.297 18.643 18.643 2899 2899 3.211 2.854 2.854 16.614 21.051 18.643	1528 621 93.214 37.285 68.677 133.647 73.858 170.134 65.851 151.283 1178.667 1043.997 556.286 665.772 541.024	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
\$7 \$6 \$10.1 \$11.1 \$12.1 \$13 \$14 \$14 \$14 \$15 \$15 \$17 \$15 \$17	22 19 19 19 19 19 19 19 19 19 19	9160 8360 8360 1300 1300 1440 1440 1280 7540 9440 8360 9780 10650	56 5 2 23 53 53 53 53 53 114 56 56 56	296 2.23 2.23 2.23 2.23 2.23 2.23 2.23 2.2	27.297 18.643 18.643 2.899 2.899 3.211 2.854 2.854 2.854 2.1051 18.643 15.192 16.827 13.872 1.123	1528.621 93.214 37.286 68.677 153.687 73.858 170.134 65.651 151.283 1916.819 1175.667 1043.997	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

BAR BENDING DETAIL

· · · · · · · · · · · · · · · · · · ·	71					Γ	OVERLAP
	DIA	0.	b	1	R	ı	WEIGHT (Kg f)
T1 /h	013	86	156	222	12	435	0.473
	016	75	193	268	48	580	0.685
	019	94	236	130	50	665	1.463
'\	022	104	272	376	58	770	2.295
7							
=======================================	. L						
* .					1		

 NO.	DATE	 AEVESIONS	CHICIPATED DESIGNO	CENCURTY CE
<u> </u>	ļ			
	!			
	٠.			

THE REPUBLIC OF INDONESIA
ARMSTRY OF PUBLIC WORKS
DESCRICTORY OF THE RESOURCES DEVELOPING
AND DESCRICTATE GREENAL OF REMAINSTITURED.

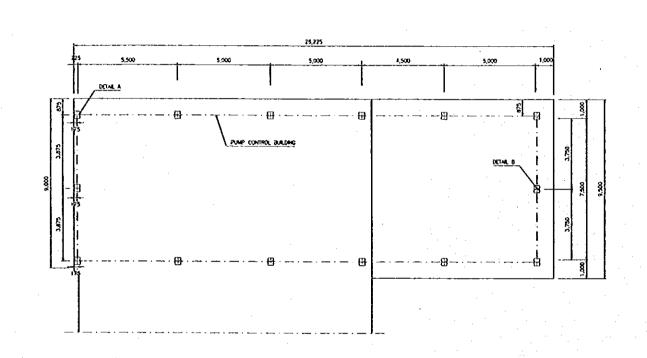
FRATUMENTARY CHOOSE OF THE PROJECT
CONFORMS: URBAN DEARNAGE SYSTEM INFROVEMENT

COMPONENT: URBAN DRAINAUS BY STAIN UNITED Y DAMES.

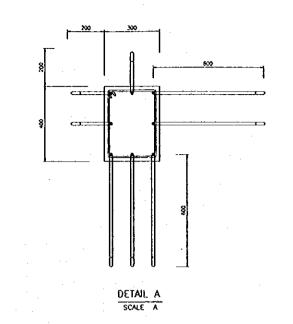
ASIN PUNERING STATION
REPORTED BAR AREANGEMENT
DYTAKE, PUNE WELLTROUGH AND OUTLET (H7) BAR BRINGHAS SCHEDULS

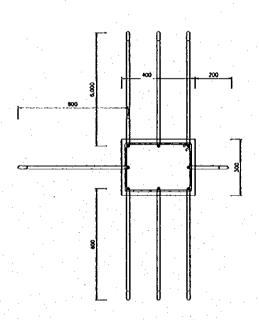
LAVAN RYTHINATION CONVENTEN AGENCY
CYT, BYTHINATION CONVENTEN AGENCY
TACHY, COMPLAINT BURNATION ON
THE COMPLAINT BURNATION OF
THE

STREET CHARAMER DELAWRED NO. U.P.2-P-CI-9 SMERT NO. 90

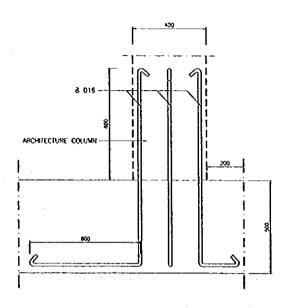


PLAN SCALE A





DETAIL B



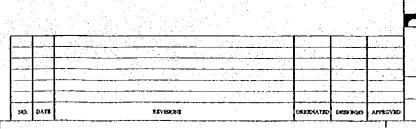
DETAIL CONECTION
SCALE A

SCALE A 0 5 10 m

SCALE 1:100

SCALE B 0 0.5 1 m

SCALE 1:10



THE REPUBLIC OF INDONESIA

MINISTRY OF FUNELE WORKS

DESCRIPTION AT COMMAND OF WATER, REPUBLICS DEVELOPMENT

AND DESCRIPTION AT COMMAND OF WATER, REPUBLICS DEVELOPMENT

RATURSELINA FLOOD CONTEOU, FECRIC T

COMPONENT: URBAN DELANACE STITION BAPROVEMENT

RESPITACION BAS AREAN CREMENT

CONTENCINO BAS AREAN CREMENT

CONTENCINO BAS AREAN CREMENT

CONTENCINO BAS AREAN CREMENT

CONTENCINO BAS AREAN CREMENT

CHAPTERS AREAN CREMENT

CONTENCT INC.

CHAPTERS AREAN CREMENT

CHAPTERS AREAN CREMENT

CONTENCT INC.

CHAPTERS AREAN CREMENT

CHAPTERS AREAN CREMENT

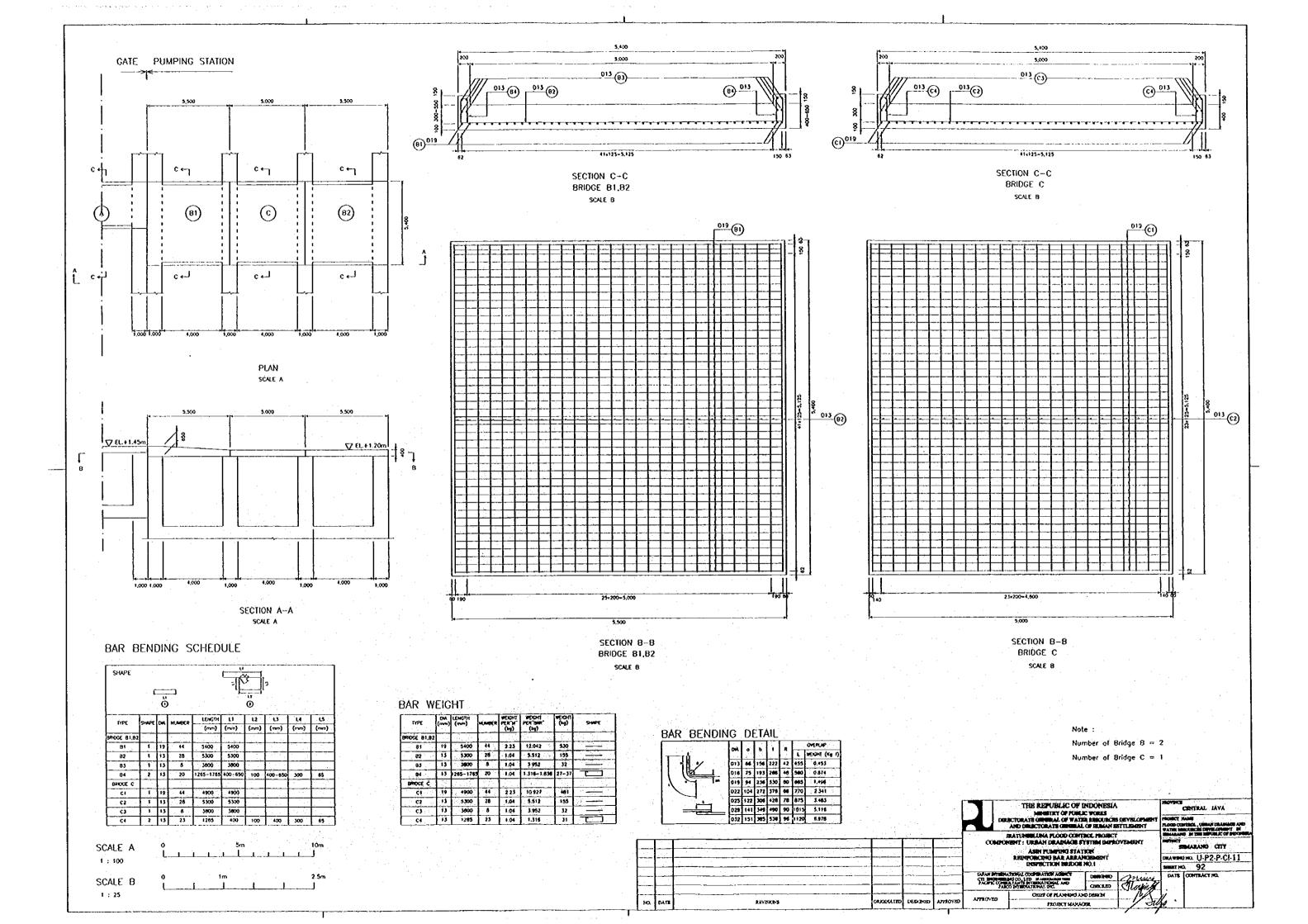
CONTENCT INC.

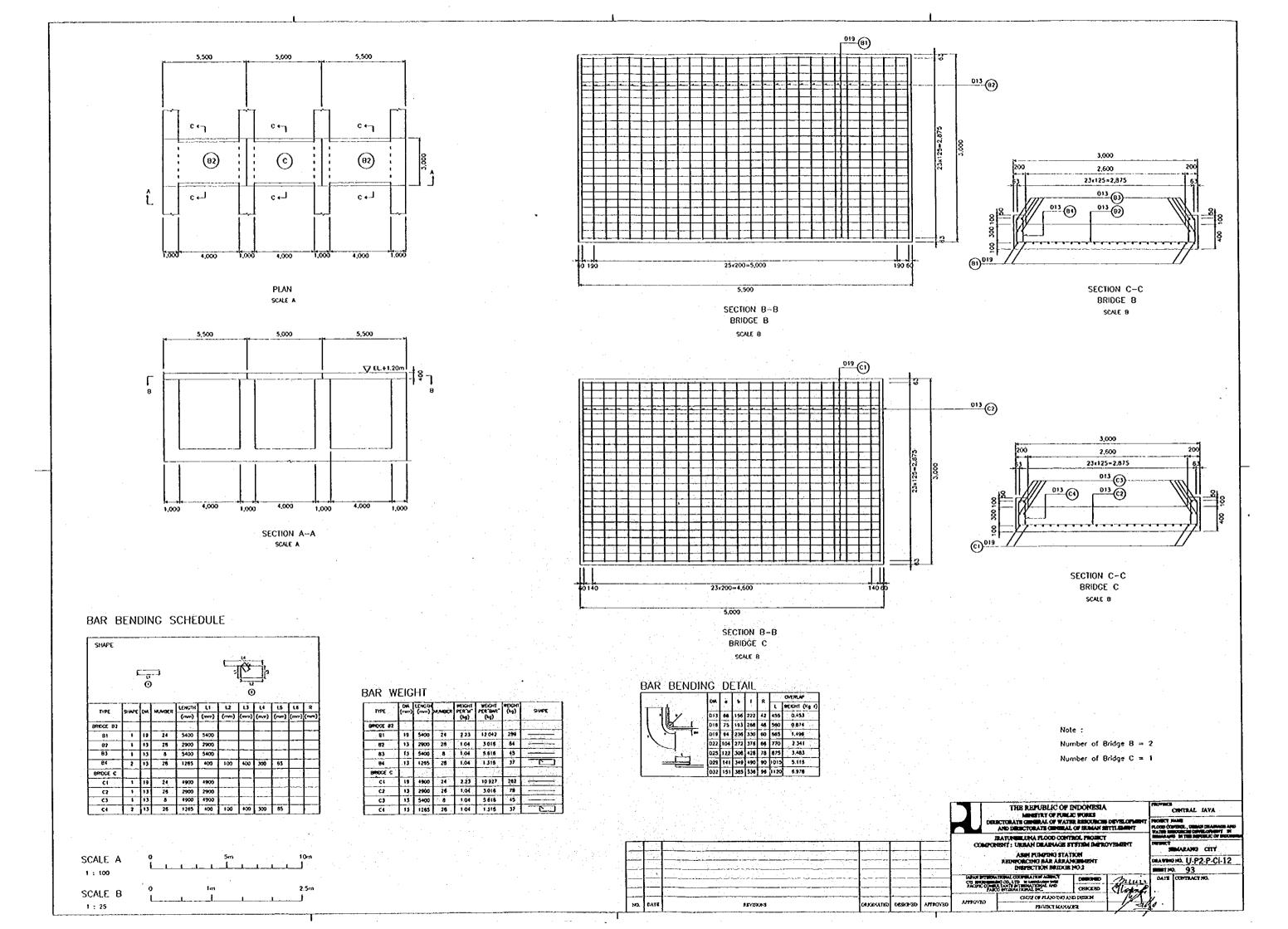
CHAPTERS AREAN CREMENT

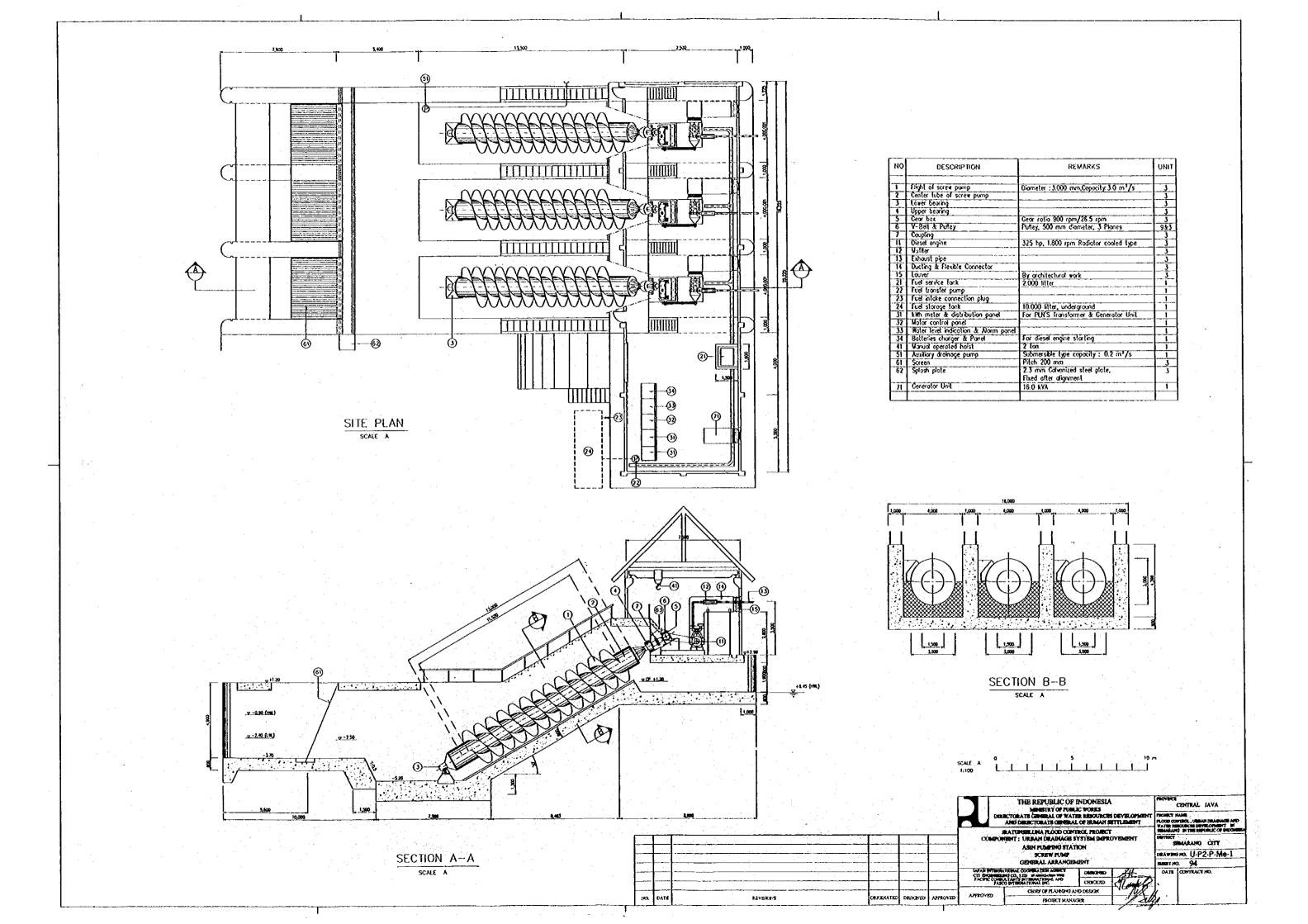
CONTENT INC.

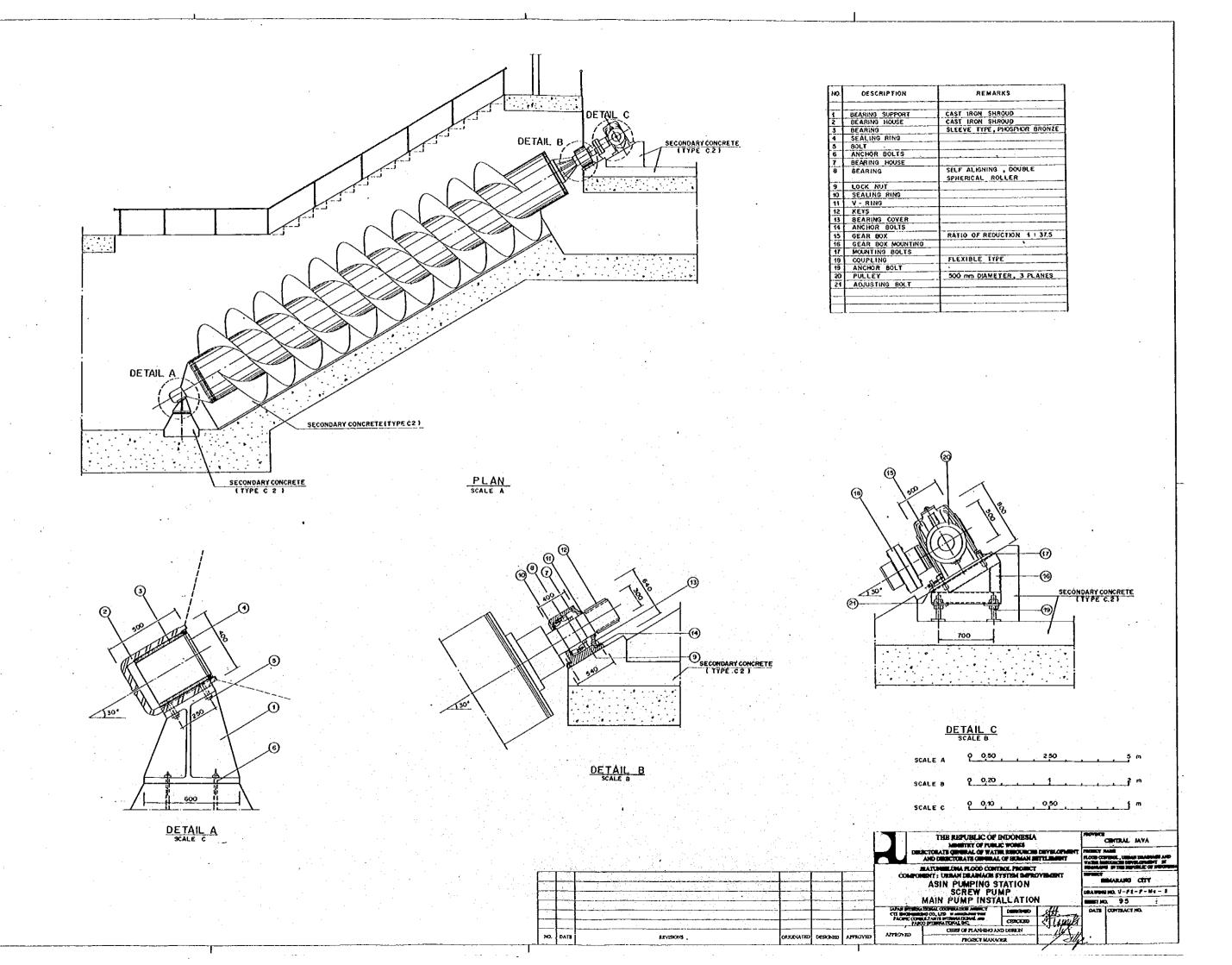
CHAPTERS AREAN CREMENT

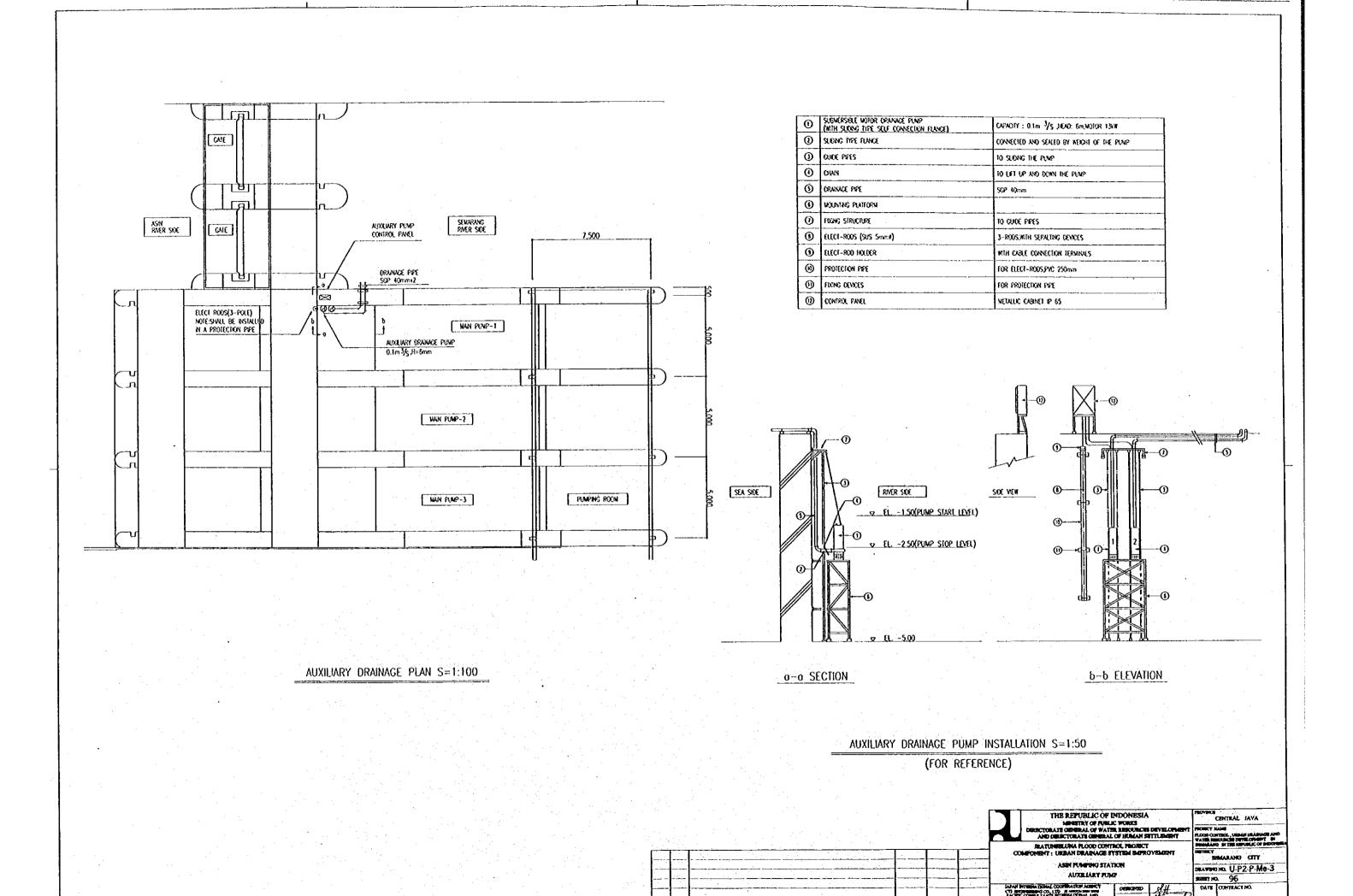
C

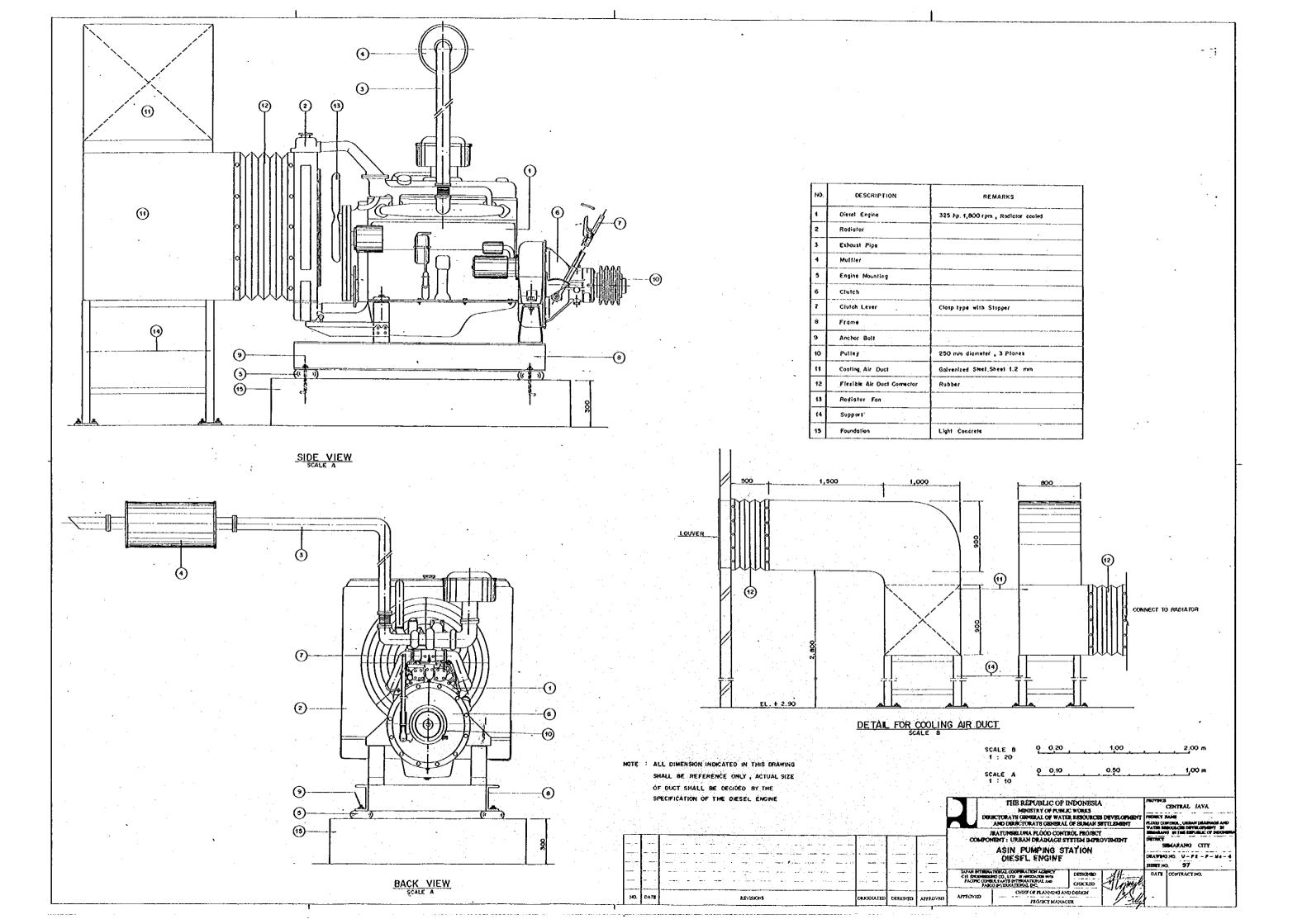


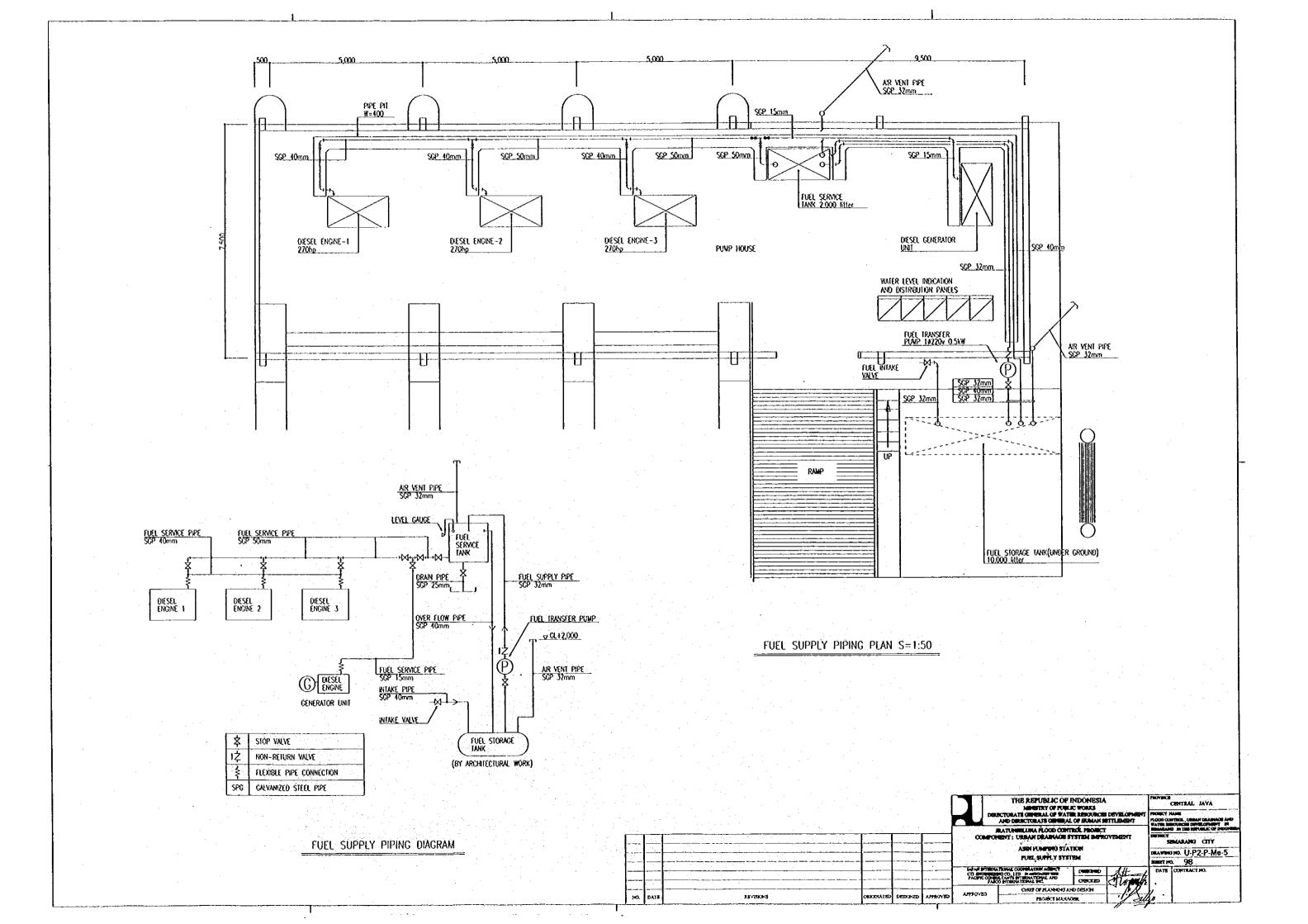


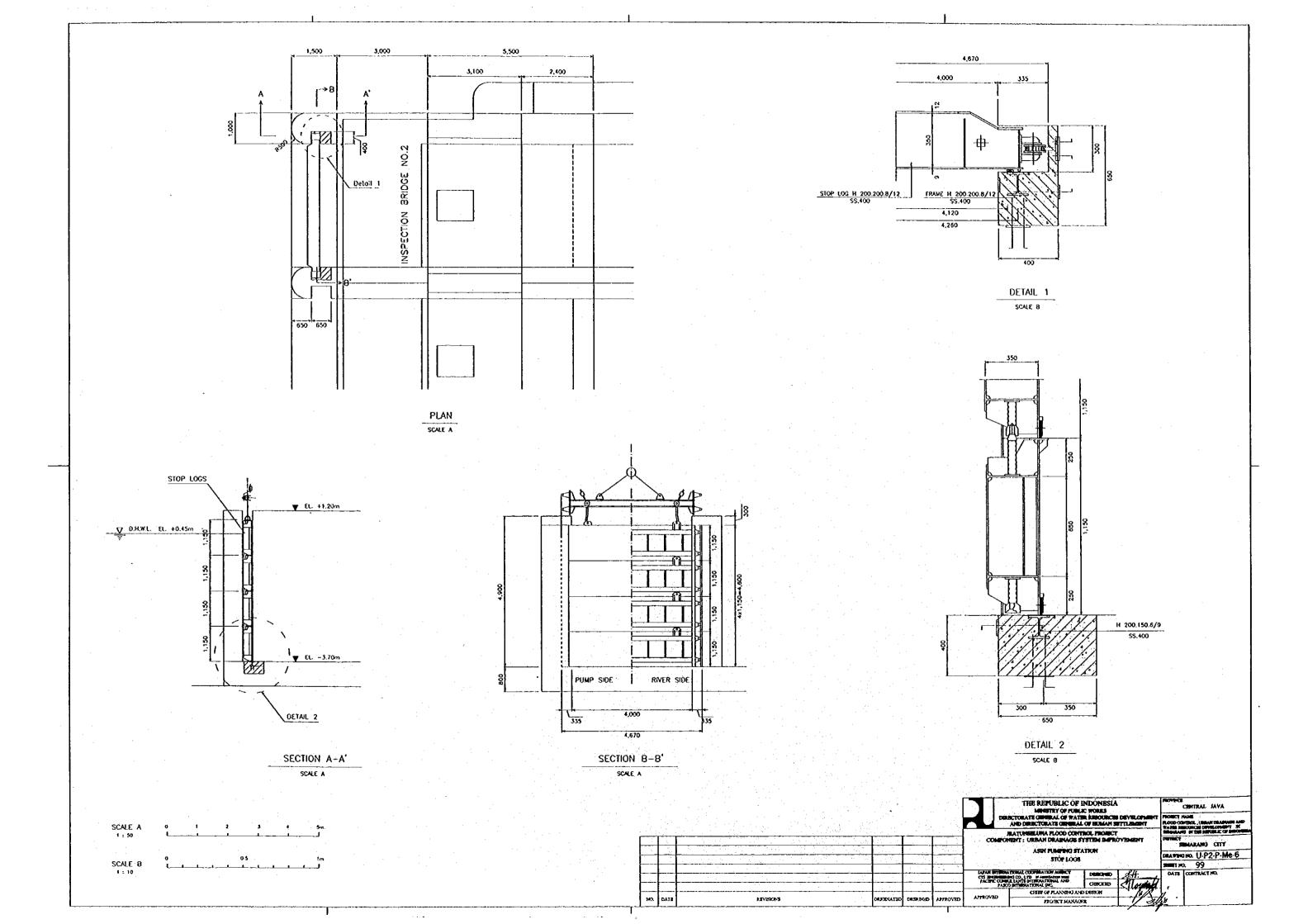


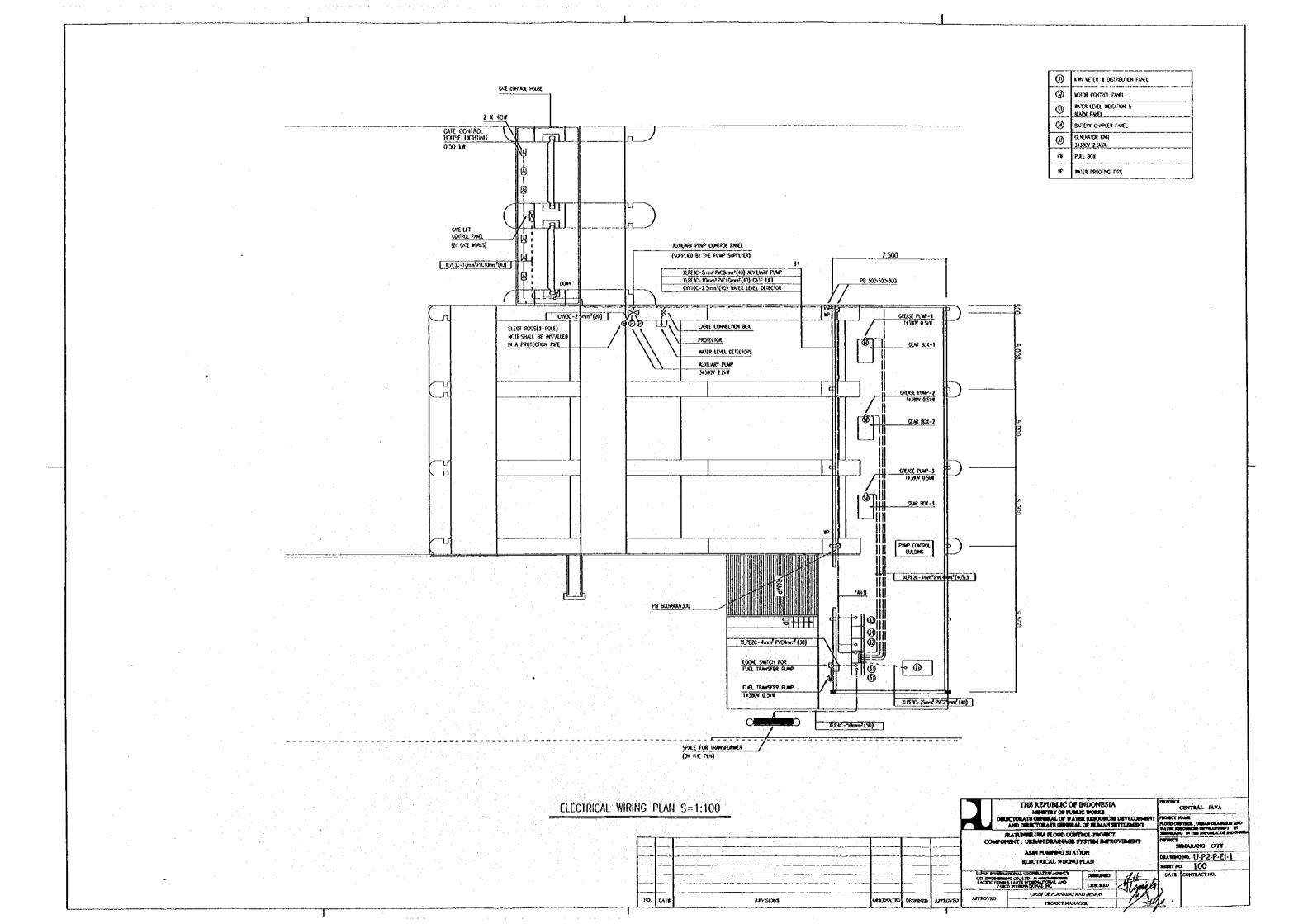


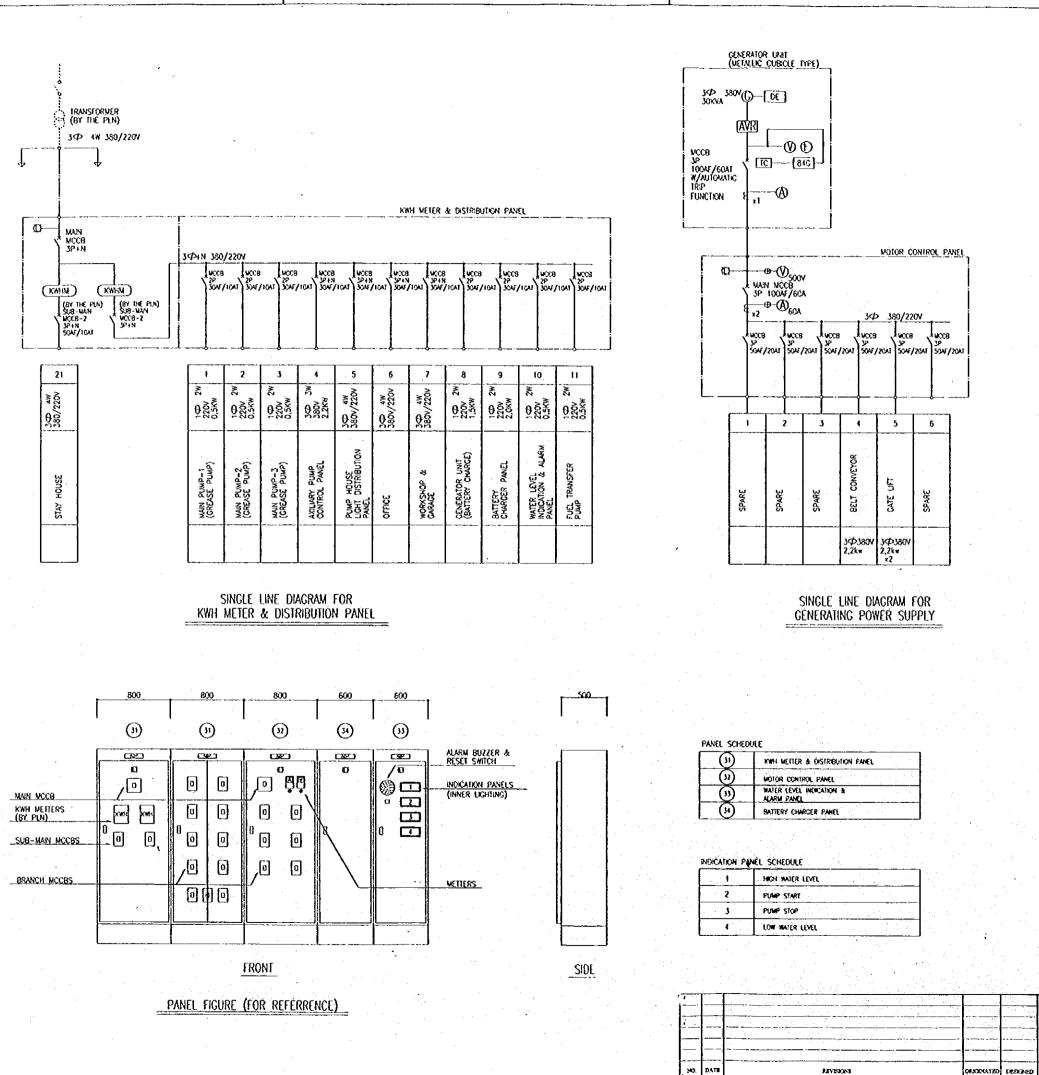












CENERATOR 3-PHASE 380V AC. 4-POLE 1500 IPM DESEL ENGINE DRIVEN TITE JONIA, POWER FACTOR 80% DIESEL ENGINE PARIATOR COOLING TYPE. 1500/pm CELL MOTOR STARTING (DC12V) OE] BATTERY SELF CONTAINED. AUTOMATIC VOLTAGE REGULATOR. (IC) TRP COL **(** VOLT WETER, **(**) FREQUENCY WEIER. **(A)** AM-METER. PHASE CHANGE OVER SWITCH 84G GROUNDING VOLTAGE RELAY. CURRENT TRANSFORMER. Ø NOICATION CAMP. MCC8 MOLDED CASE CIRCUIT BRÉAKER 600V CLASS. (KWHM) WATE HOUR METER (SUPPLIED BY THE PEN)

THE REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS
DESCRIPTION OF MATER RESOURCES DEVELOPMENT
AND DESCRIPTION OF WATER RESOURCES DEVELOPMENT
IN ATTRIBUTION PLOOD CONTROL PROJECT
COMPONENT: URBAN DRAINAGE SYSTEM IMPROVEMENT
ASSI PUBLING STATION
FOWER SUPPLY AND CONTROL SYSTEM DIAGRAM-1

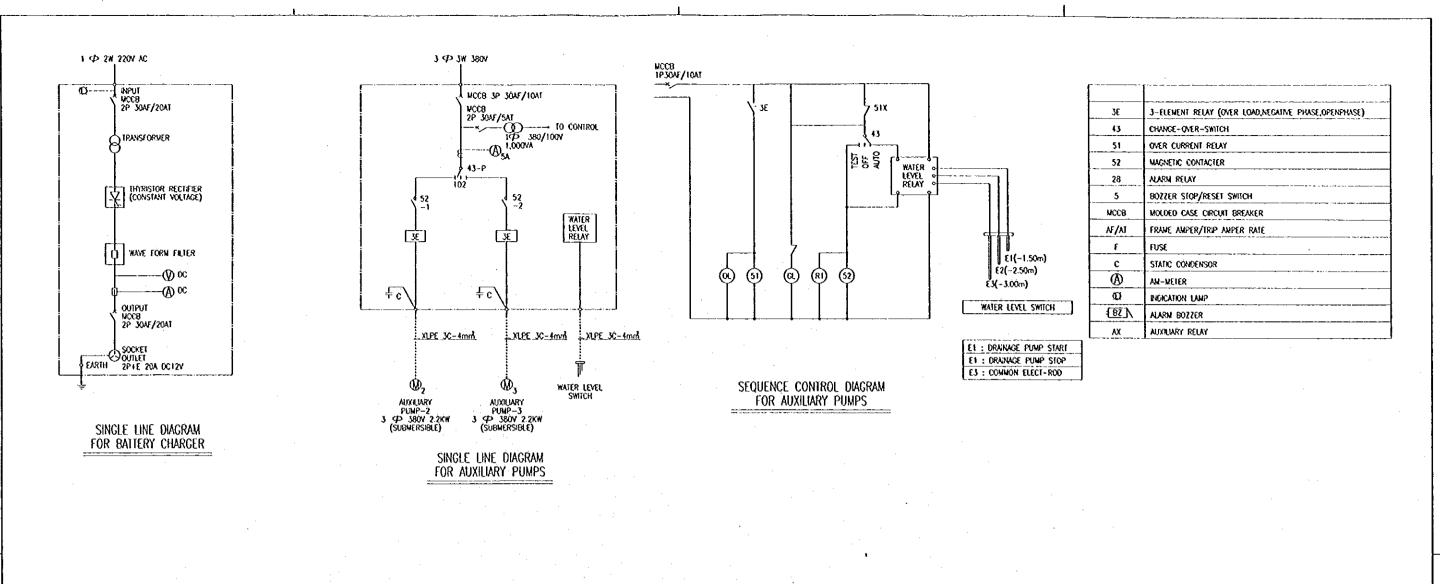
PROJECT MANAGER

PROMICE HAME
HADDO CONTROL, UNBAND DALBHADE AND
YATER MEDICACH SHARMAD OF SECOND
DEFINET
STRAKARANO CITY
DRAWFED NO. U.P.2-P-EI-2

CENTRAL JAYA

DRAWING NO. U-P2-P SHEET NO. 101 DATE CONTRACT NO.

ORBITATIONAL AND CHRISTON CONTROL OF THE COURTS OF THE COU



THE REPUBLIC OF INDONESIA

RATURINAMIANA PLOOD CONTROL PROJECT CHENT: URBAN DRAINAGE SYSTEM DAYNG

LAPAR BYTHHAUTICRUE COOPINATION AND CY CTT BYTHHIBBRIG CO., LTP. of AND AND FINAL PACIFIC COMMUNICATION FOR THE MANUAL AND FACO BYTHHAUTICRUE AND CALL.

DESCRIPTION OF THE PERSON

ASIN FUNDING STATION FOWER SUPPLY AND CONTROL SYSTEM DIAGRAM-2

CHEST OF PLANSAGE AND DISSION

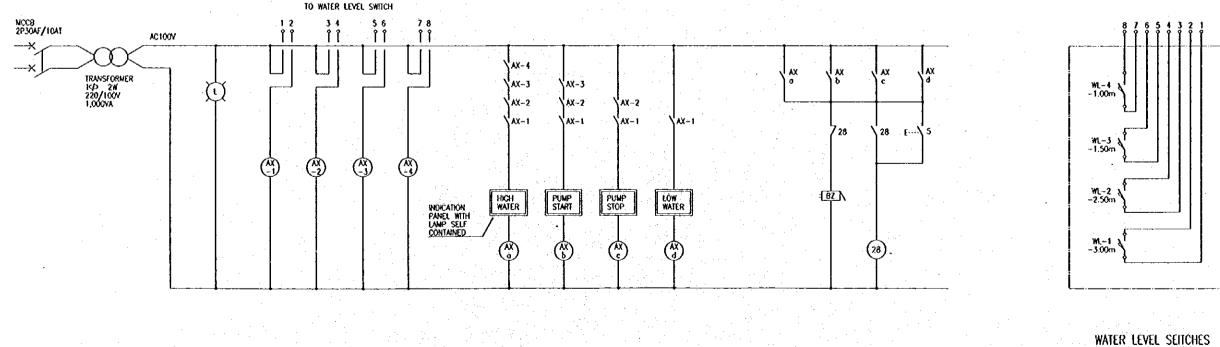
MANSTRY OF PUBLIC WORLS CTORATE GENERAL OF WATER RESOURCES DEVELOPING AND DESICTORATE GENERAL OF HUMAN SETTLEMENT

CHECKED

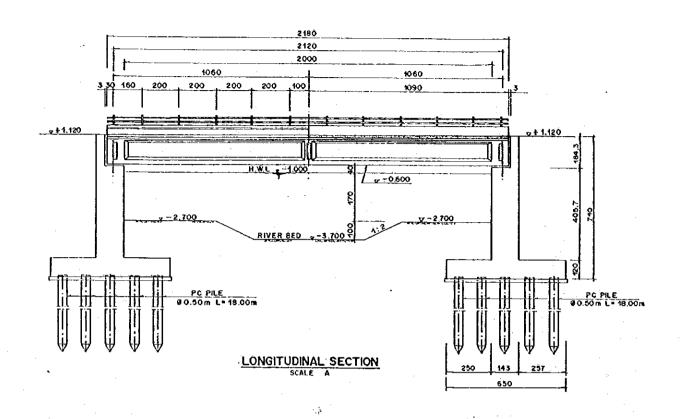
CENTRAL JAVA

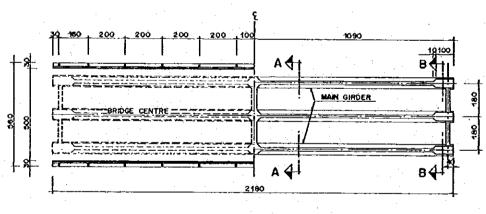
SEMARANG CITY

МАЯТНО НО. U-P2-P-E1-3
SHIETING. 102
DATE CONTRACTING.

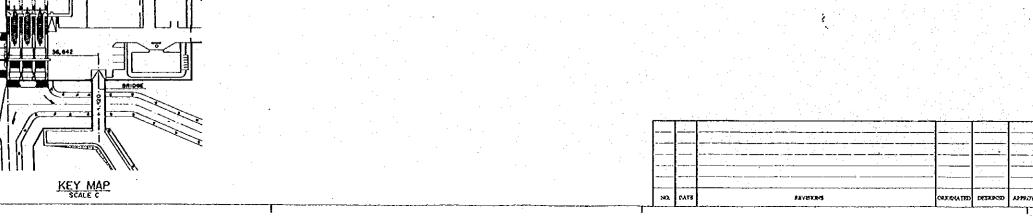


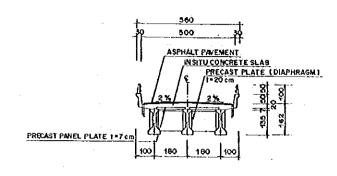
SEQUENCE CONTROL DIAGRAM . FOR WATER LEVEL INDICATION & ALARM PANEL



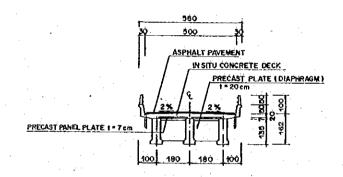




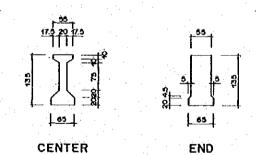




SECTION A-A



SECTION B-B



CENTER

BEAM SECTION

NOTE :

1. UNIT IN CENTIMETER

2. CONCRETE QUALITY FOR MAIN GIRDER AND DIAPHRAGM K-400,

3. CONCRETE QUALITY FOR SLAB K-250.

SCALE C	é	ao ,		400	 	600 m
SCALE 8	٥	ò.5	<u> </u>	2.5	 •	5.0 m
SCALE A	ę.	1.0		5.0		10.0 m

THE REPUBLIC OF INDONESIA
MARKETRY OF FUELC WORES
RECTURATE GENERAL OF WATER RESOURCES DEVELOPM
AND DRECTURATE GENERAL OF HEMAN SETTLEMENT AND DESCRIPTION OF GROUND ON THE MANN SETTLEMENT

INATUNEMENTA PLOND CONTROL PROJECT

COMPONENT: URBAN DRANAGE SYSTEM DAPROVEMENT

ASIN PLAMPING STATION SHIDGE

SUPER STRUCTURE

DIMENSION OF SUPER STRUCTURE

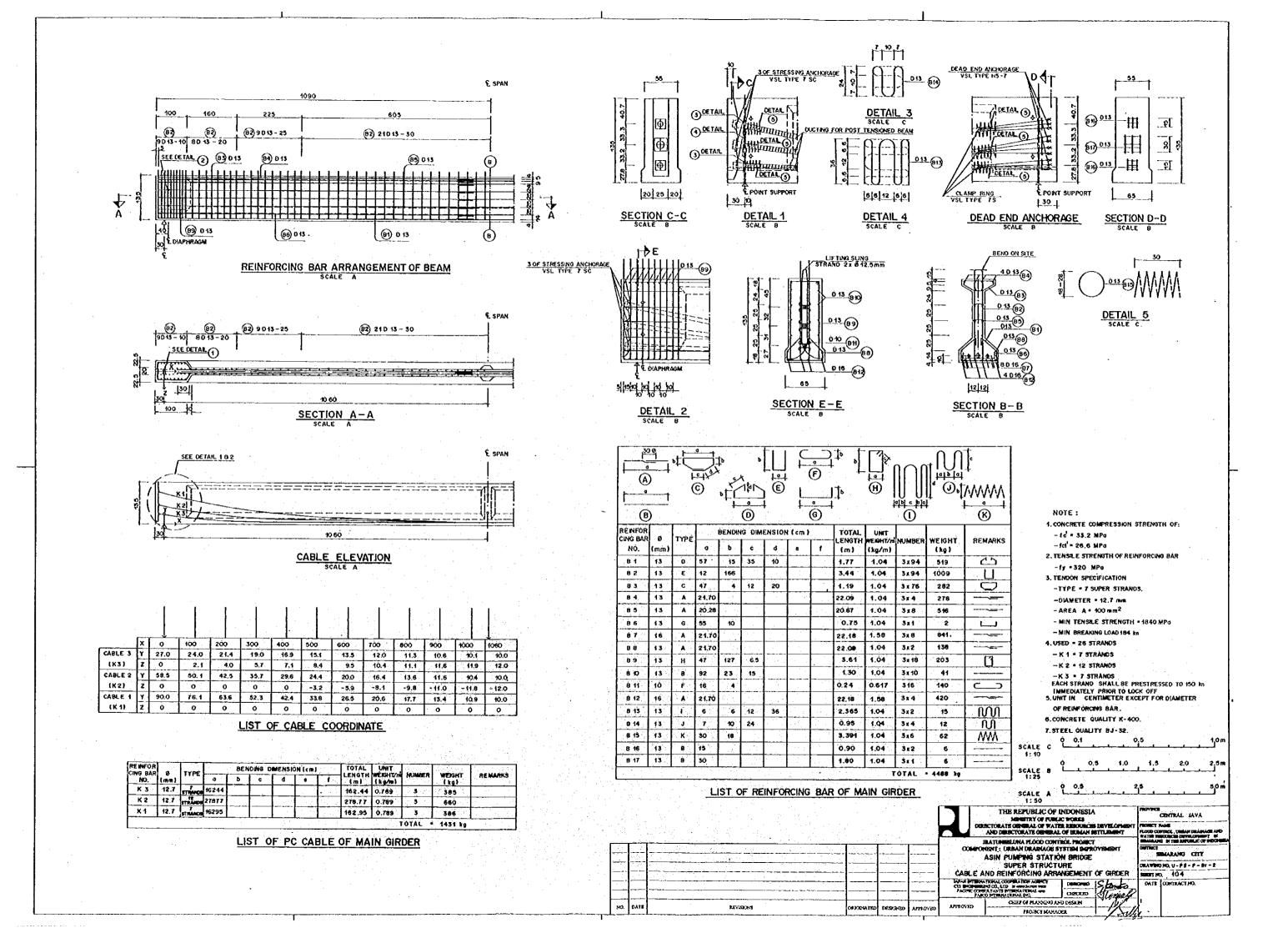
LAND HYBER TROLL COMPACTOR ASSETS

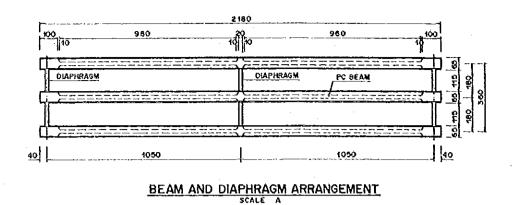
LAND HYBER TROLL C

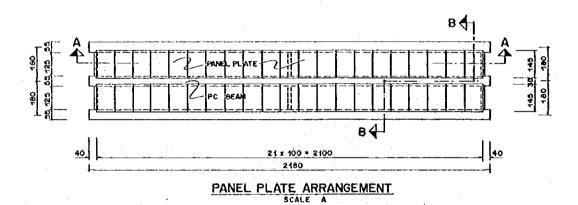
DRAWING HO. U-PR-F-Br-1 SHEET HO. 403

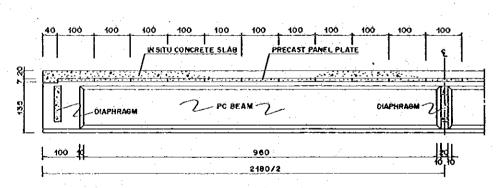
AVAL JANTINGO

CHICAGO Stores CREEF OF PLANSENG AND DESIGN

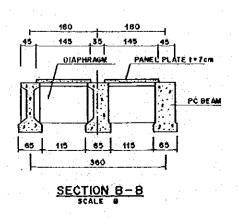


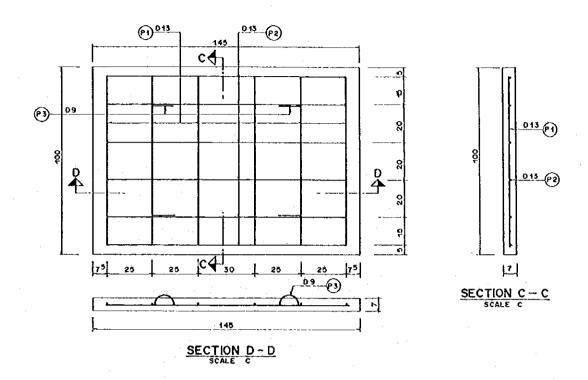


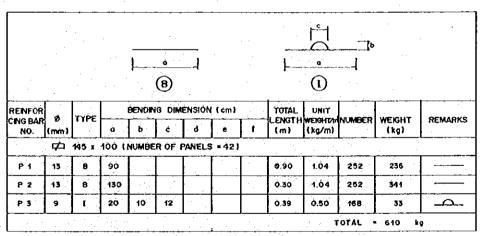




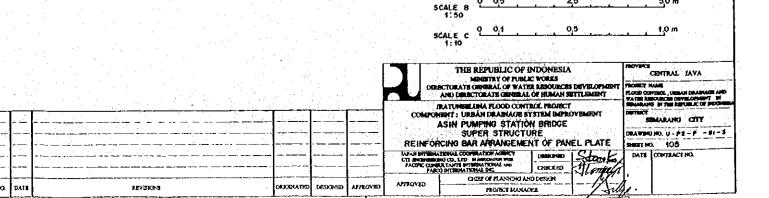
SECTION A - A

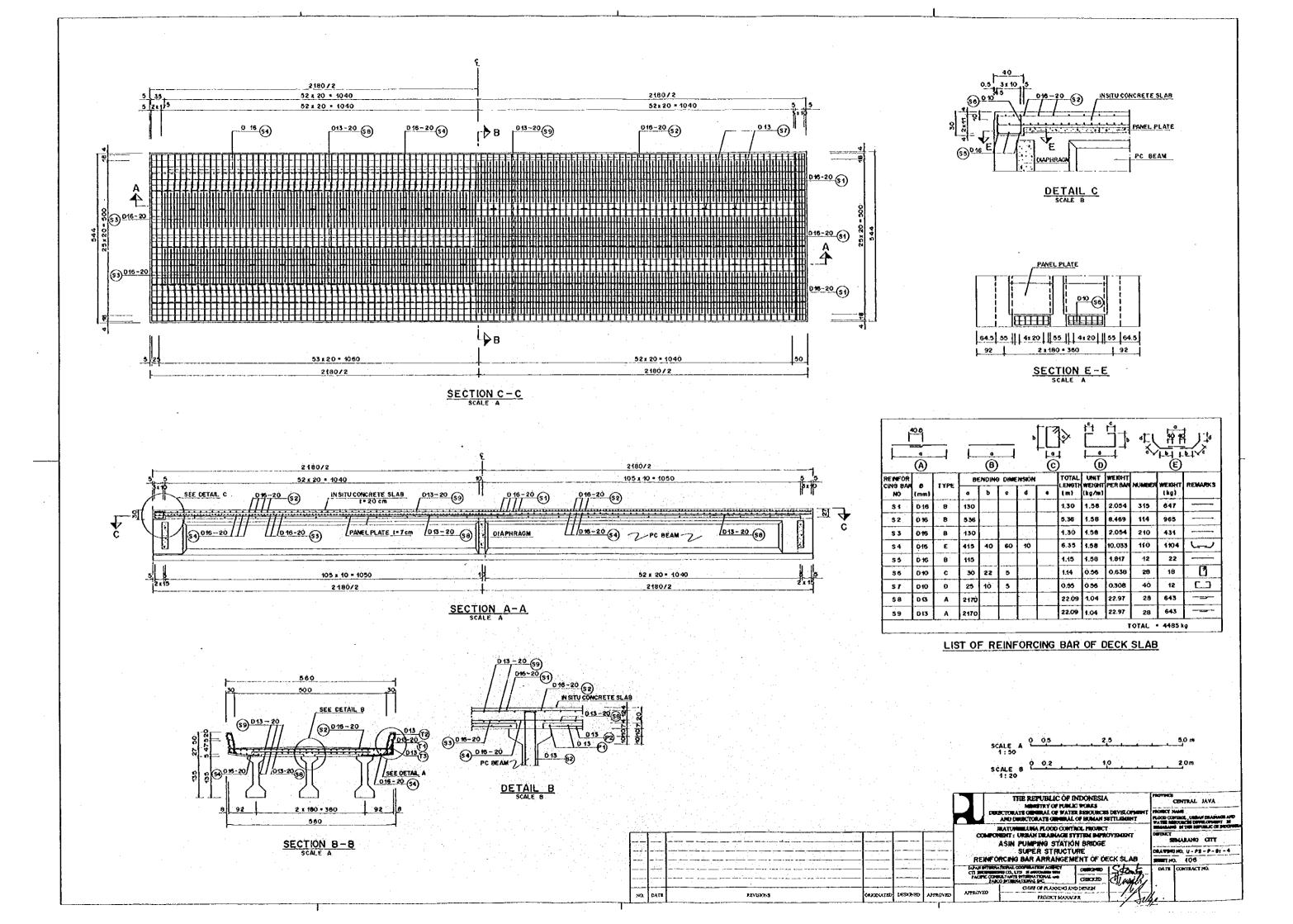


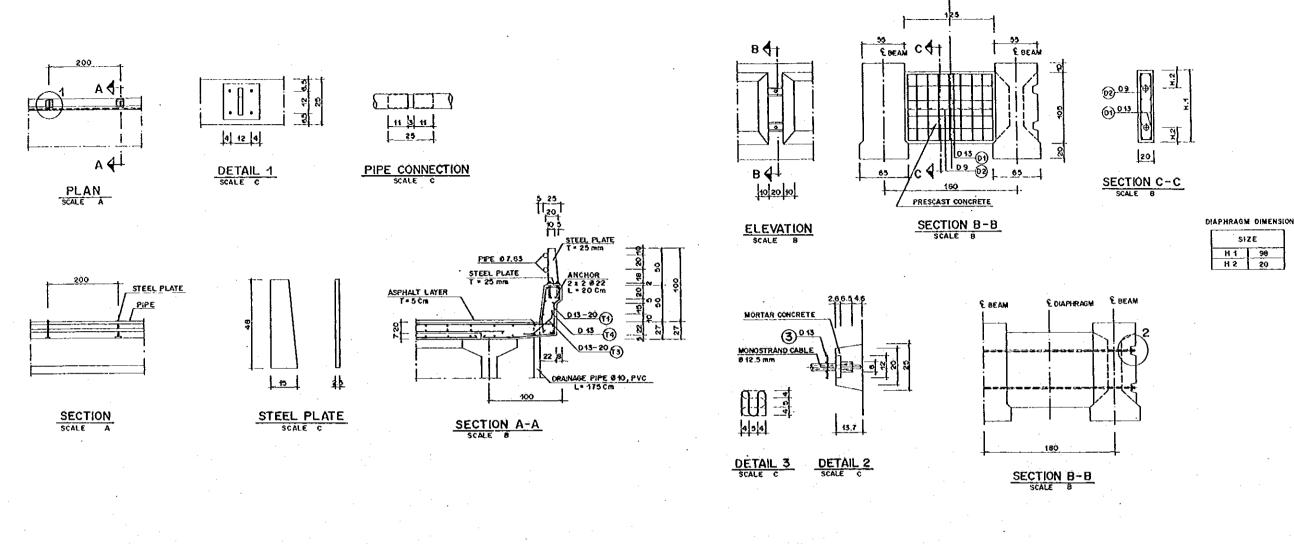


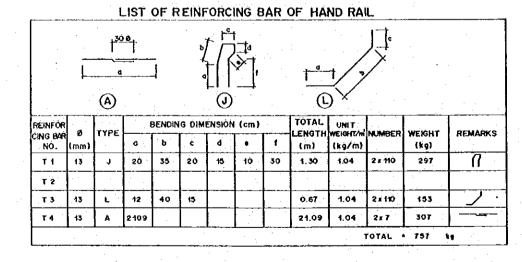


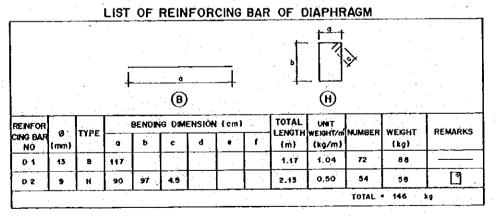
LIST OF REINFORCING BAR OF PANEL PLATE

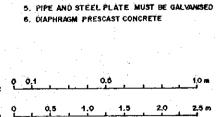












1. CONCRETE QUALITY OF DIAPHRAGM K-400

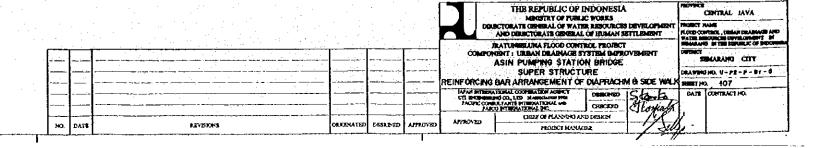
2, MAXIMUM AGREGATE SIZE 20 mm

4. MINIMUM CONCRETE COVER 20 mm

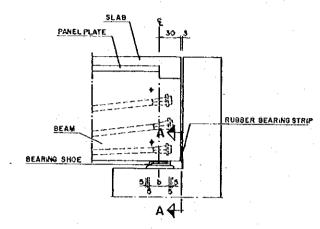
3. STEEL QUALITY BJ-32.

NOTE :

SIZE H 1 98



€ DIAPHRĂGM

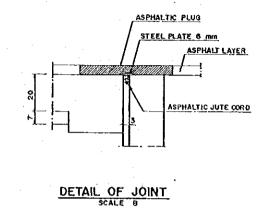


BEARING SHOE

RUBBER BEARING ST RIP

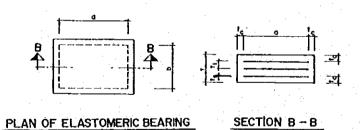
20x 100x 400

MORTAR CEMENT

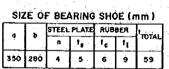


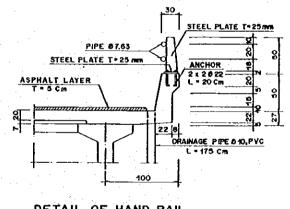
POINT SUPPORT ON ABUTMENT



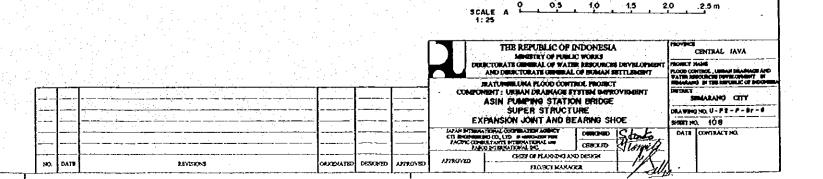


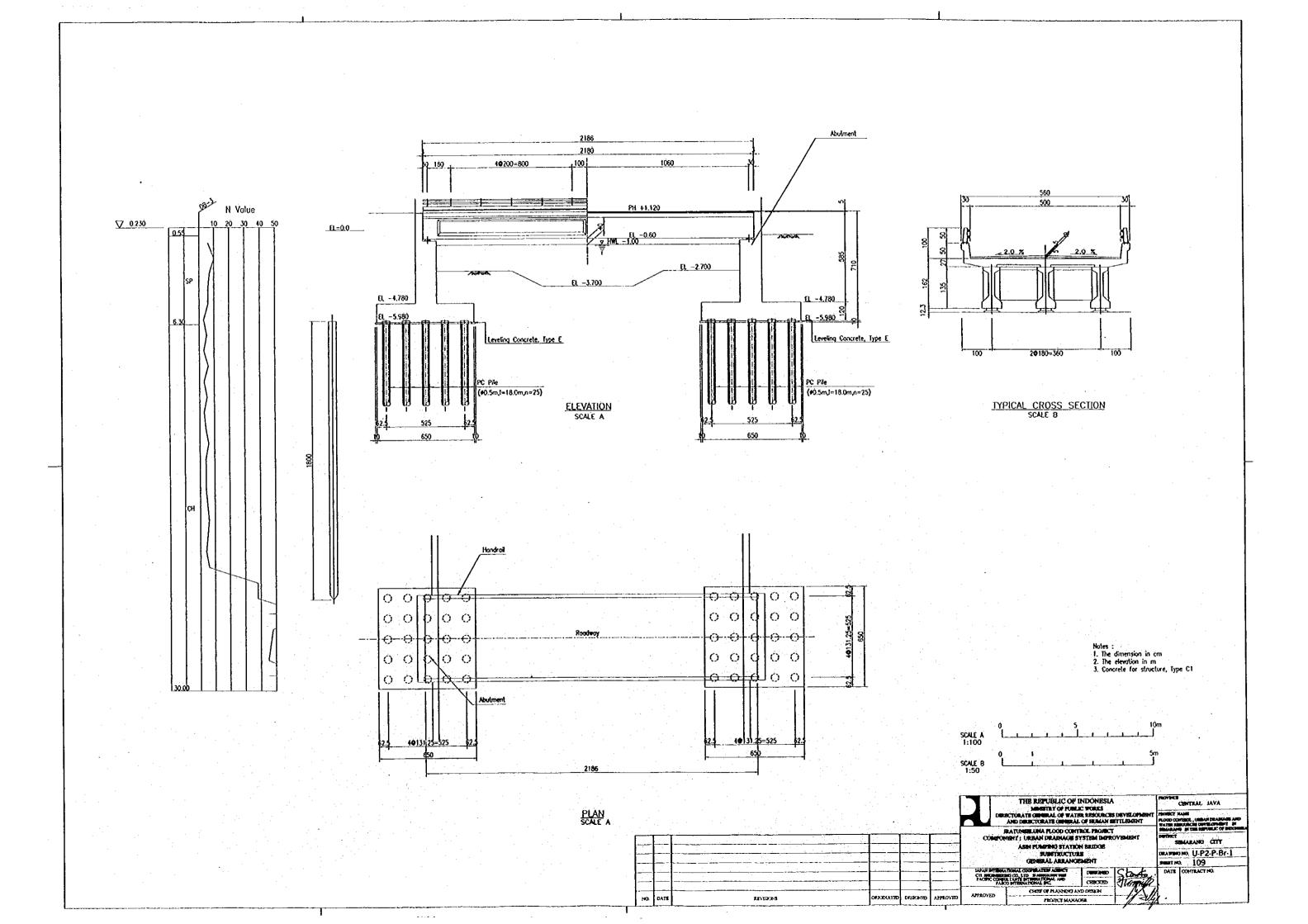
SCALE A

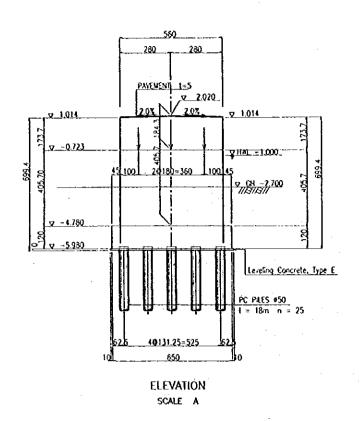


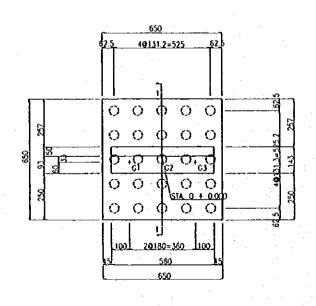


DETAIL OF HAND RAIL

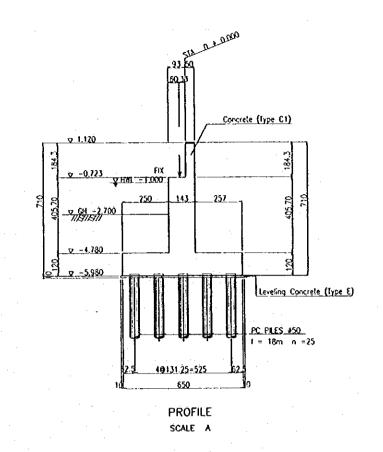


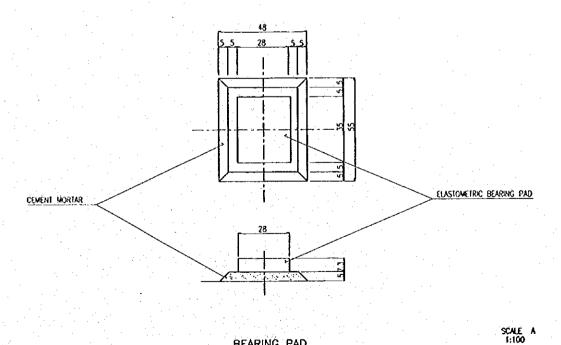






PLAN SCALE A





BEARING PAD

SCALE B

Notes : 1. The dimension in cm 2. The elevation in m 3. Concrete for structure, Type C1

0 01 02 03 04 05 m

0 1 2 3 4 5 m

REVISIONS

THE REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS
SCHOLATE GENERAL OF WATER RESULTIONS DEVELOPED
AND DESCRIPTION OF SERVICES OF SERVICES

BATURGBURA FLOOD CONTINUE PROJECT
COMPONENT: URBAN DRAINAGE SYSTEM DAPROVEMENT
ASIN PLANING STATION BRIDGE
SUBSTRUCTURE
DOMENSION OF ABUTHERNT

DIMERSION OF ADOLESIAN

LAND BY HOLD TENED, COURSE AND ARRIVED AND COURSE OF ADOLESIAN

LAND BY HOLD TENED, COURSE AND ARRIVED AND COURSE OF ADOLESIAN

COURSE OF A STREET AND COURSE AND COURSE OF ADOLESIAN

ADDRESS OF THE ADOLESIAN AND COURSE OF ADOLESIAN AND

PROJECT MANAGER

SEMANANS CITY SHIPT NO. U.P.2.P.Br.2
SHIPT NO. 110
OATE CONTRACTION

