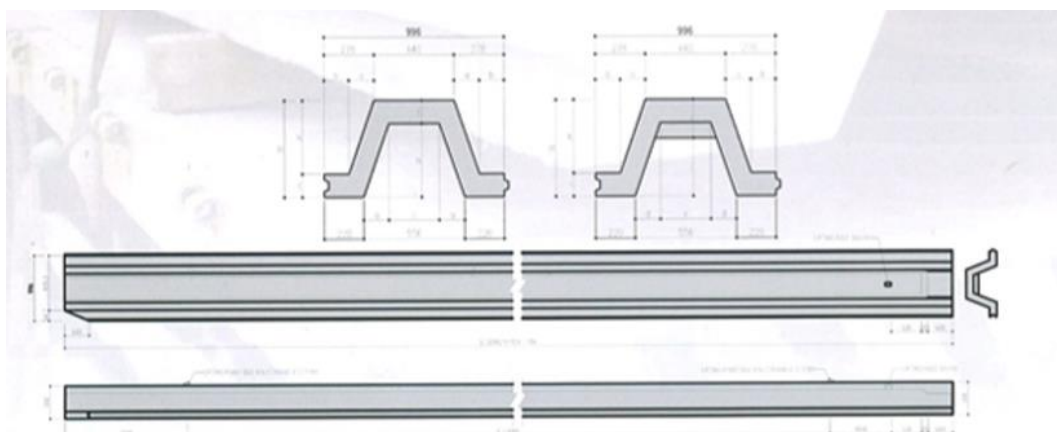


Lampiran 4 Data Turap Beton

CCSP		CORRUGATED CONCRETE SHEET PILE	
Reference of Code			
Item	Reference	Description	Specification
Agregate	ASTM C33 - 1999	Standard Specification for Concrete Aggregates	
	NI 2 PBI - 1971	Indonesian Concrete Code	
Cement	SNI 15-2049-2004	Portland Cement	Standard Product : Type 1
			Special Order : Type 2 or 5
Admixture	ASTM C494 - 1985	Standard Specification for Chemical Admixture for Concrete	Type F : Water Reducing Admixture
Concrete	SNI 03-2847-2002	Indonesian Concrete Code	Compressive strength at 28 days : 700 kgf/cm ² (cube)
PC Wire / PC Strand	JIS G 3536 - 1999	Uncoated Stress-Relieved Steel Wire and Strand for Prestressed Concrete	SWPD 1
PC Bar	JIS G 3137 - 1994	Small Size Deformed Steel Bars for Prestressed Concrete	SBPDL 1275/1420
Special Wire	JIS G 3532 - 2000	Low Carbon Steel Wire	SWMA / SWMP
Welding	ANSI / AWS D1.1 - 1990	Structural Welding Code - Steel	AWS A 5.1 / E 6013 NIKKOSTEEL RB 26 / RD 260, LION 26 , or equivalent
Quality Management System	ISO 9001:2008	Quality Management Standard	
Health & Safety	OHSAS 18001:2007	Health & Safety Management Standard	
Environment	ISO 14001:2004	Environment Management Standard	



Corrugated Sheet Pile Specification Adhibeton

No	Type	Class	Section Dimension (mm)			Concrete Section (cm ²)	Unit Weight (Kg/m)	Length (m)	Cracking Moment (ton.m)	PC Strand		
			Height (H)	Width (W)	Thickness (T)					O (mm)	Num	Area (cm ²)
1	W-325	A	325	996	110	1313	328	8-13	11,40	12,7	10	12,66
		B								12,7	12	15,19
2	W-350	A	350	996	120	1467	367	9-15	16,23	12,7	12	15,19
		B								12,7	14	17,73
3	W-400	A	400	996	120	1598	399	10-15	21,63	12,7	14	13,82
		B								12,7	18	17,77
4	W-450	A	450	996	120	1834	458	11-17	29,06	12,7	18	17,77
		B								15,2	16	21,19
5	W-500	A	500	996	120	1818	454	12-17	36,42	15,2	14	19,42
		B								15,2	20	27,74
6	W-600	A	600	996	120	2077	519	14-20	53,66	15,2	18	32,65
		B								15,2	24	43,53

DIMENSION

TOP END	TOP END SECTION (mm)						MIDDLE SECTION (mm)						CROSS SECTION (m ²)
	H	t	i	j	e	a	b	c	d	h	f		
W-325 A 1000 B	325	110	125	200	430	109	169	338	63	215	100	0,132	
W-350 A 1000 B	350	120	150	200	404	117,3	160,7	321,4	76	230	100	0,147	
W-400 A 1000 B	400	120	200	200	370	130	148	296	93	280	100	0,160	
W-450 A 1000 B	450	120	250	200	322	155	123	246	117	330	100	0,184	
W-500 A 1000 B	500	120	300	200	336	140	138	276	110	380	100	0,182	
W-600 A 1000	600	120	400	200	306	150	126	256	125	480	100	0,208	

Cross Section Characteristic

TYPE	Height H (cm)	Cross Section A (cm ²)	Distance From Neutral Axis Y		Moment of Inertia I (cm ⁴)	Section Modulus Z	
			Yu (cm)	Yl (cm)		Zu (cm ³)	Zl (cm ³)
W-325 . 1000	A B	32,5	1315	16,2	-16,2	134261	8262 -8262
W-350 . 1000	A B	35	1468	17,5	-17,5	169432	9682 -9682
W-400 . 1000	A B	40	1598	20	-20	248685	12434 -12434
W-450 . 1000	A B	45	1835	22,5	-22,5	353354	15705 -15705
W-500 . 1000	A B	50	1818	25	-25	462362	18494 -18494
W-600 . 1000	A	60	2078	30	-30	765907	25530 -25530

