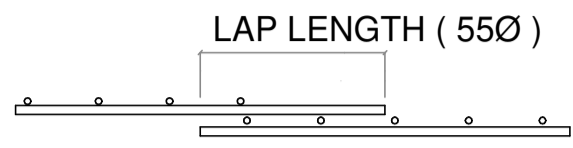


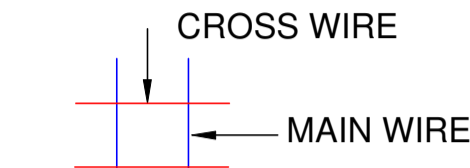
GENERAL NOTES :

A) WELDED MESH STANDARD LAP DETAILS :

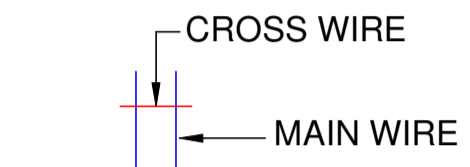
Unless specified by the original engineer's drawing other than the following lap recommendation, the lap length shall comply to the original engineer's design as noted in their drawings. Our recommendation shall be in accordance to EC2 table 8.4 under clause 8.7.5.2 as follows :



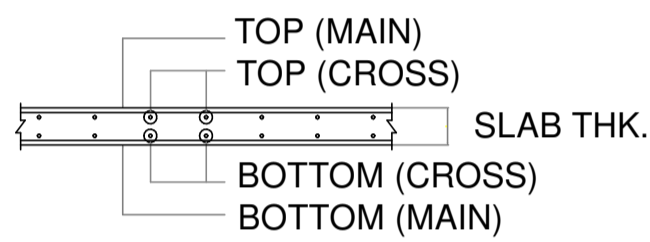
FULL YIELD STRENGTH LAP CONSIST OF 2 WELDED INTERSECTION.



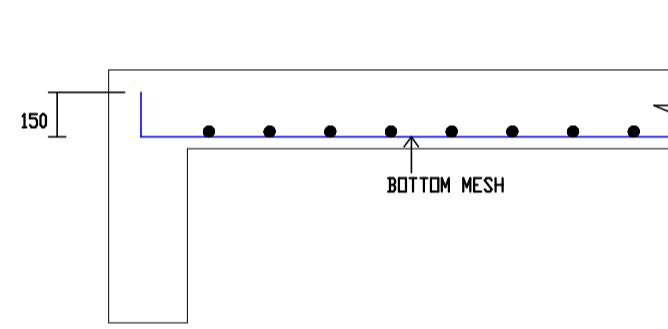
PWMSB RA / RDA SERIES



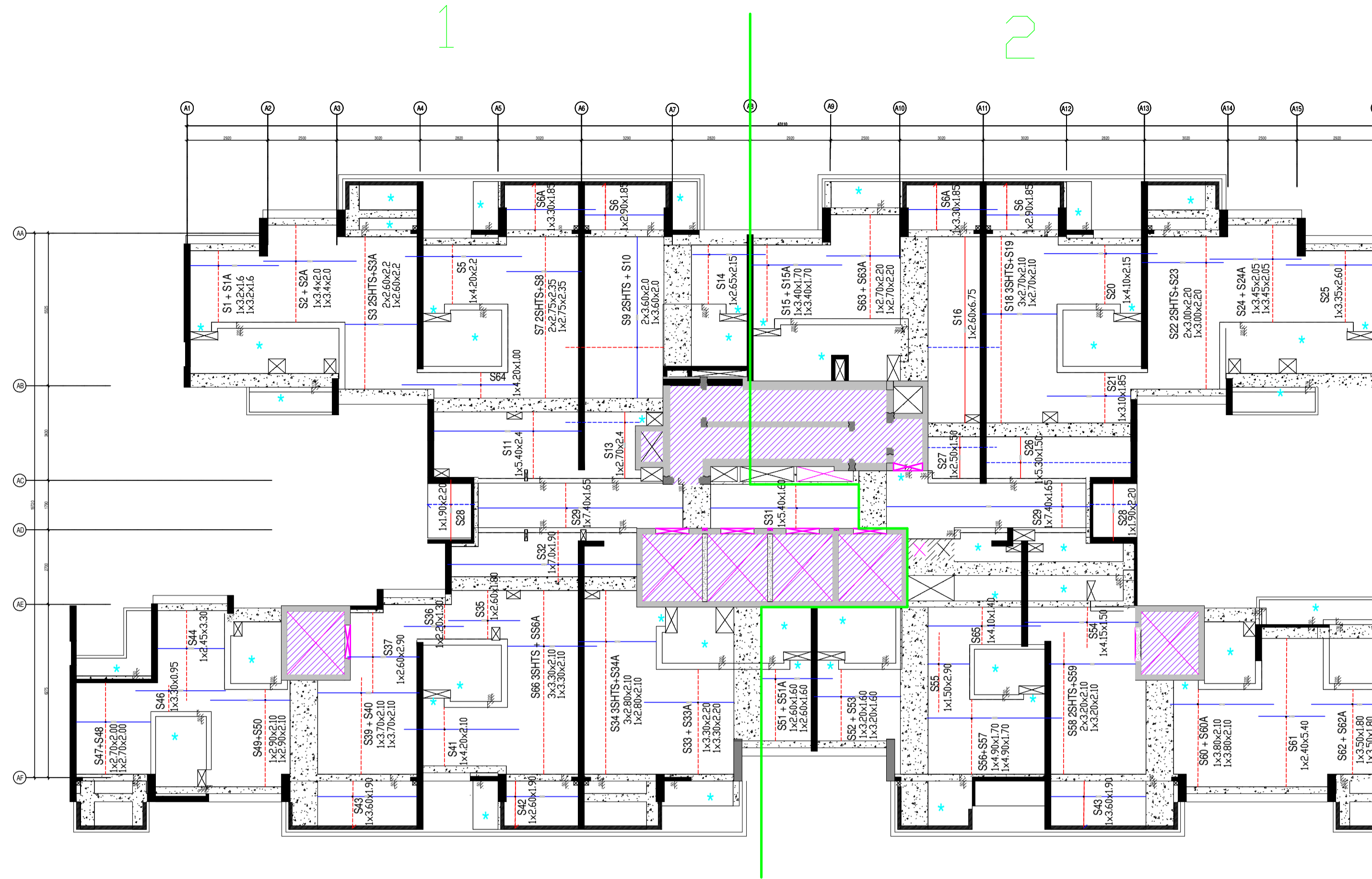
PWMSB RB SERIES



PWMSB SLAB TYPICAL LAYERING



TYPICAL SLAB FOR BENDING DETAIL



TYPICAL STOREY (3RD-13TH) SLAB BOTTOM REINFORCEMENT

BOTTOM REINFORCEMENT

PWM REF ITEM	MKG	OVERALL DIMENSION		QTY / ZONE		BENDING	
		L (M)	W (M)	Z1	Z2	L	W
PDMH10/H10-200.200	S1	3.20	1.60	1			
PDMH10/H10-200.200	S1A	3.20	1.60	1			
PDMH10/H10-200.200	S2	3.40	2.00	1			
PDMH10/H10-200.200	S2A	3.40	2.00	1			
PDMH10/H10-200.200	S3	2.60	2.20	2			
PDMH10/H10-200.200	S3A	2.60	2.20	1			
PDMH10/H10-200.200	S5	4.20	2.20	1			
PDMH10/H10-200.200	S6	2.90	1.85	1	1		1B
PDMH10/H10-200.200	S6A	3.30	1.85	1	1		1B
PDMH10/H10-200.200	S7	2.75	2.35	2			
PDMH10/H10-200.200	S8	2.75	2.35	1			
PDMH10/H10-200.200	S9	3.60	2.00	2			
PDMH10/H10-200.200	S10	3.60	2.00	1			
PDMH10/H10-200.200	S11	5.40	2.40	1			
PDMH10/H10-200.200	S13	2.70	2.40	1			
PDMH10/H10-200.200	S14	2.65	2.15	1			
PDMH10/H10-200.200	S15	3.40	1.70		1		
PDMH10/H10-200.200	S15A	3.40	1.70		1		
PDMH10/H10-200.200	S16	2.60	6.75		1		
PDMH10/H10-200.200	S18	2.70	2.10		3		
PDMH10/H10-200.200	S19	2.70	2.10		1		
PDMH10/H10-200.200	S20	4.10	2.15		1		
PDMH10/H10-200.200	S21	3.10	1.85		1		
PDMH10/H10-200.200	S22	3.00	2.20		2		
PDMH10/H10-200.200	S23	3.00	2.20		1		
PDMH10/H10-200.200	S24	3.45	2.05		1		
PDMH10/H10-200.200	S24A	3.45	2.05		1		
PDMH10/H10-200.200	S25	3.35	2.60		1		
PDMH10/H10-200.200	S26	5.30	1.50		1		
PDMH10/H10-200.200	S27	2.50	1.50		1		
PDMH10/H10-200.200	S28	1.90	2.20	1	1		1B
PDMH10/H10-200.200	S29	7.40	1.65	1	1		
PDMH10/H10-200.200	S31	5.40	1.60	1			
PDMH10/H10-200.200	S32	7.00	1.90	1			
PDMH10/H10-200.200	S33	3.30	2.20	1			
PDMH10/H10-200.200	S33A	3.30	2.20	1			
PDMH10/H10-200.200	S34	2.80	2.10	3			
PDMH10/H10-200.200	S34A	2.80	2.10	1			
PDMH10/H10-200.200	S35	2.60	1.80	1			

BOTTOM REINFORCEMENT

PWM REF ITEM	MKG	OVERALL DIMENSION		QTY / ZONE		BENDING	
		L (M)	W (M)	Z1	Z2	L	W
PDMH10/H10-200.200	S36	2.20	1.30	1			
PDMH10/H10-200.200	S37	2.60	2.90	1			
PDMH10/H10-200.200	S39	3.70	2.10	1			
PDMH10/H10-200.200	S40	3.70	2.10	1			
PDMH10/H10-200.200	S41	4.20	2.10	1			
PDMH10/H10-200.200	S42	2.60	1.90	1			1B
PDMH10/H10-200.200	S43	3.60	1.90	1	1		1B
PDMH10/H10-200.200	S44	2.45	3.30	1			
PDMH10/H10-200.200	S46	3.30	0.95	1			
PDMH10/H10-200.200	S47	2.70	2.00	1			
PDMH10/H10-200.200	S48	2.70	2.00	1			
PDMH10/H10-200.200	S49	2.90	2.10	1			
PDMH10/H10-200.200	S50	2.90	2.10	1			
PDMH10/H10-200.200	S51	2.60	1.60		1		
PDMH10/H10-200.200	S51A	2.60	1.60		1		
PDMH10/H10-200.200	S52	3.20	1.60		1		
PDMH10/H10-200.200	S53	3.20	1.60		1		
PDMH10/H10-200.200	S54	4.15	1.50		1		
PDMH10/H10-200.200	S55	1.50	2.90		1		
PDMH10/H10-200.200	S56	4.90	1.70		1		
PDMH10/H10-200.200	S57	4.90	1.70		1		
PDMH10/H10-200.200	S58	3.20	2.10		2		
PDMH10/H10-200.200	S59	3.20	2.10		1		
PDMH10/H10-200.200	S60	3.80	2.10		1		
PDMH10/H10-200.200	S60A	3.80	2.10		1		
PDMH10/H10-200.200	S61	2.40	5.40		1		
PDMH10/H10-200.200	S62	3.50	1.80		1		
PDMH10/H10-200.200	S62A	3.50	1.80		1		
PDMH10/H10-200.200	S63	2.70	2.20		1		
PDMH10/H10-200.200	S63A	2.70	2.20		1		
PDMH10/H10-200.200	S64	4.20	1.00	1			
PDMH10/H10-200.200	S65	4.10	1.40		1		
PDMH10/H10-200.200	S66	3.30	2.10	3			
PDMH10/H10-200.200	S66A	3.30	2.10	1			

DISCLAIMER NOTICE :

- PWMSB Fabric reinforcement of concrete complies fully to MS 145:2014 or equivalent and have a characteristic yield strength of 500N/mm<sup>2</sup> ( approx. X 70,000psi ) using wires / bars complying to MS 146:2014 or equivalent.
- Wire / Bar ductility class shall be either class 500A / 500B or a combination of both.
- Where PWMSB Fabric is not shown in the drawing, please refer to engineer's original drawings for steel bar detail.
- This drawing must be read in conjunction with all structural engineer's original drawings at all times .
- Steel reinforcement in concrete shall be base on Concrete Strength class 25/30 .

REVISION HISTORY :

Rev.No	Rev.Date	Description	By
5	12.08.2023	REVISED DIMENSION	NIEZA
4	31.07.2023	REVISED DIMENSION	NIEZA
3	28.06.2023	REVISED DIMENSION	NIEZA
2	27.06.2023	REVISED DIMENSION	NIEZA
1	23.06.2023	changed lapping to 55D	NIEZA

PROJECT TITLE :

PROPOSED NEW ERECTION OF 39-STOREY RESIDENTIAL CONDOMINIUM DEVELOPMENT (396 UNIT) COMPRISING ONE 36-STOREY RESIDENTIAL TOWER BLOCK, 2 SKY TERRACES, 1 LANDSCAPE DECK AND 3 BASEMENT CARPARKS ON LOT 00269P/00270W PLOT (1) 00436K PT & PLOT (3) 00435A PT S22 AT 173 CHIN SWEE ROAD.

PROJECT DETAILS :

TYPICAL STOREY (3RD-13TH) SLAB BOTTOM REINFORCEMENT

DEVELOPER :

CONSULTANT :

KTP CONSULTANTS PTE.LTD

CONTRACTOR :

STEEL FABRIC MANUFACTURER :



106 Jalan Cyber 5,  
Senai Industrial Estate III,  
81400 Senai, Johor.  
Tel : 07-599 1800  
Fax : 07-599 3366  
Email : pwmsb@progressweldedmesh.my

Scale : N.T.S.	Prepared by : NIEZA
Preparation Date : 15.06.2023	Checked by : DIN
Drawing No : PC / 23 / 160 / SS	Sheet No : 1

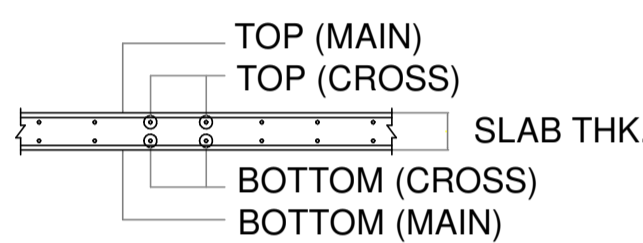
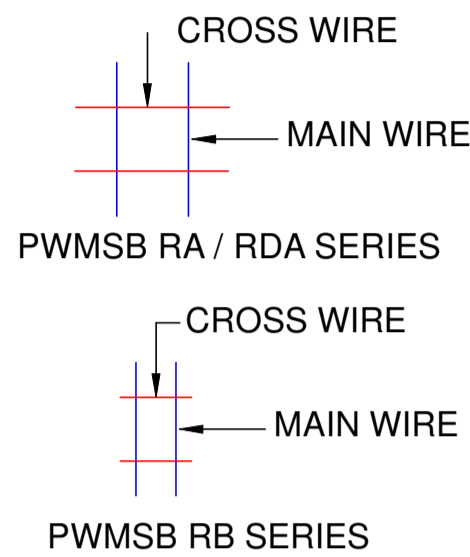
GENERAL NOTES :

A) WELDED MESH STANDARD LAP DETAILS :

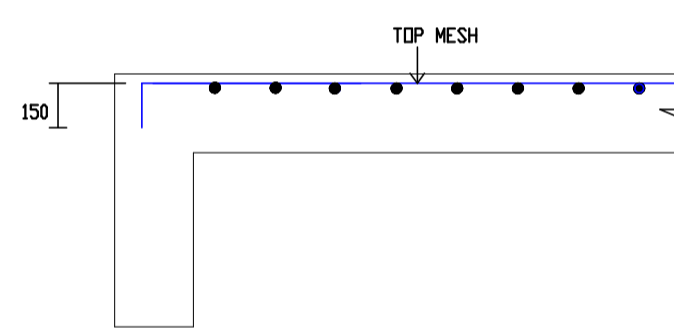
Unless specified by the original engineer's drawing other than the following lap recommendation, the lap length shall comply to the original engineer's design as noted in their drawings. Our recommendation shall be in accordance to EC2 table 8.4 under clause 8.7.5.2 as follows :



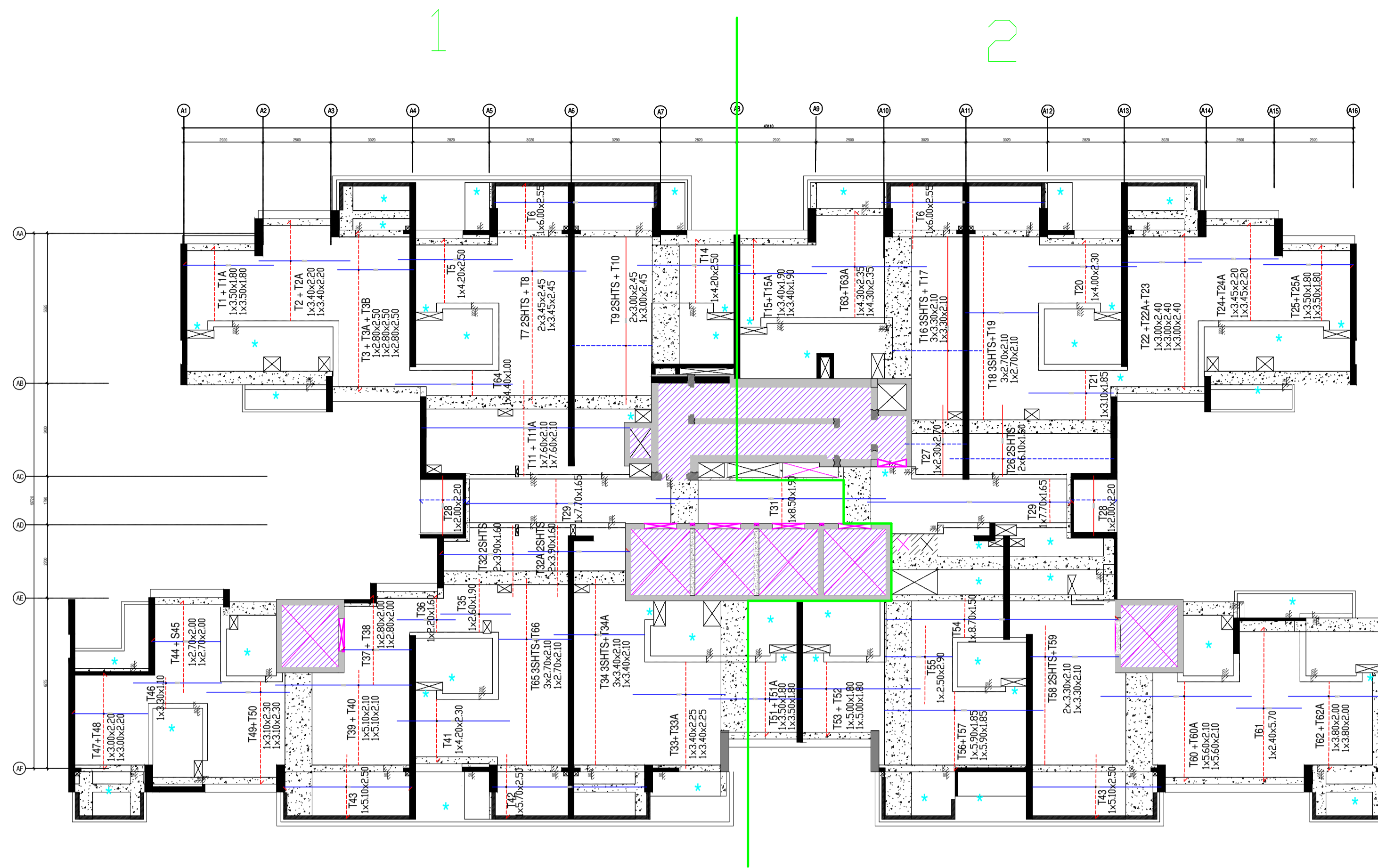
FULL YIELD STRENGTH LAP CONSIST OF 2 WELDED INTERSECTION.



PWMSB SLAB TYPICAL LAYERING



TYPICAL SLAB FOR BENDING DETAIL



TYPICAL STOREY (3RD-13TH) SLAB TOP REINFORCEMENT

TOP REINFORCEMENT

PWM REF ITEM	MKG	OVERALL DIMENSION		QTY / ZONE		BENDING	
		L (M)	W (M)	Z1	Z2	L	W
PDMH10/H10-200.200	T1	3.50	1.80	1			1B
PDMH10/H10-200.200	T1A	3.50	1.80	1			1B 1B
PDMH10/H10-200.200	T2	3.40	2.20	1			
PDMH10/H10-200.200	T2A	3.40	2.20	1			1B
PDMH10/H10-200.200	T3	2.80	2.50	1			1B
PDMH10/H10-200.200	T3A	2.80	2.50	1			
PDMH10/H10-200.200	T3B	2.80	2.50	1			1B
PDMH10/H10-200.200	T5	4.20	2.50	1			1B
PDMH10/H10-200.200	T6	6.00	2.55	1	1		1B
PDMH10/H10-200.200	T7	3.45	2.45	2			
PDMH10/H10-200.200	T8	3.45	2.45	1			
PDMH10/H10-200.200	T9	3.00	2.45	2			
PDMH10/H10-200.200	T10	3.00	2.45	1			
PDMH10/H10-200.200	T11	7.60	2.10	1			
PDMH10/H10-200.200	T11A	7.60	2.10	1			
PDMH10/H10-200.200	T14	4.20	2.50	1			1B
PDMH10/H10-200.200	T15	3.40	1.90		1		
PDMH10/H10-200.200	T15A	3.40	1.90		1		1B
PDMH10/H10-200.200	T16	3.30	2.10		3		
PDMH10/H10-200.200	T17	3.30	2.10		1		
PDMH10/H10-200.200	T18	2.70	2.10		3		
PDMH10/H10-200.200	T19	2.70	2.10		1		
PDMH10/H10-200.200	T20	4.00	2.30		1		1B
PDMH10/H10-200.200	T21	3.10	1.85		1		
PDMH10/H10-200.200	T22	3.00	2.40		1		1B
PDMH10/H10-200.200	T22A	3.00	2.40		1		
PDMH10/H10-200.200	T23	3.00	2.40		1		1B
PDMH10/H10-200.200	T24	3.45	2.20		1		
PDMH10/H10-200.200	T24A	3.45	2.20		1		1B
PDMH10/H10-200.200	T25	3.50	1.80		1	1B	
PDMH10/H10-200.200	T25A	3.50	1.80		1	1B	1B
PDMH10/H10-200.200	T26	6.10	1.60		2		
PDMH10/H10-200.200	T27	2.30	2.70		1		
PDMH10/H10-200.200	T28	2.00	2.20		1	2B	
PDMH10/H10-200.200	T29	7.70	1.65		1	1B	
PDMH10/H10-200.200	T31	8.50	1.90		1		
PDMH10/H10-200.200	T32	3.90	1.60		1	1B	
PDMH10/H10-200.200	T32A	3.90	1.60		1	1B	
PDMH10/H10-200.200	T33	3.40	2.25		1		
PDMH10/H10-200.200	T33A	3.40	2.25		1		
PDMH10/H10-200.200	T34	3.40	2.10		3		
PDMH10/H10-200.200	T34A	3.40	2.10		1		
PDMH10/H10-200.200	T35	2.60	1.90		1		

TOP REINFORCEMENT

PWM REF ITEM	MKG	OVERALL DIMENSION		QTY / ZONE		BENDING	
		L (M)	W (M)	Z1	Z2	L	W
PDMH10/H10-200.200	T36	2.20	1.60	1			1B
PDMH10/H10-200.200	T37	2.80	2.00	1			1B
PDMH10/H10-200.200	T38	2.80	2.00	1			1B 1B
PDMH10/H10-200.200	T39	5.10	2.10	1			
PDMH10/H10-200.200	T40	5.10	2.10	1			
PDMH10/H10-200.200	T41	4.20	2.30	1			1B
PDMH10/H10-200.200	T42	5.70	2.50	1			1B
PDMH10/H10-200.200	T43	5.10	2.50	1	1	2B	1B
PDMH10/H10-200.200	T44	2.70	2.00	1			1B
PDMH10/H10-200.200	T45	2.70	2.00	1			1B 1B
PDMH10/H10-200.200	T46	3.30	1.10	1			
PDMH10/H10-200.200	T47	3.00	2.20	1			1B 1B
PDMH10/H10-200.200	T48	3.00	2.20	1			1B 1B
PDMH10/H10-200.200	T49	3.10	2.30	1			1B
PDMH10/H10-200.200	T50	3.10	2.30	1			
PDMH10/H10-200.200	T51	3.50	1.80		1		1B
PDMH10/H10-200.200	T51A	3.50	1.80		1		
PDMH10/H10-200.200	T52	5.00	1.80		1		
PDMH10/H10-200.200	T53	5.00	1.80		1		1B
PDMH10/H10-200.200	T54	8.70	1.50		1		
PDMH10/H10-200.200	T55	2.50	2.90		1		
PDMH10/H10-200.200	T56	5.90	1.85		1		1B
PDMH10/H10-200.200	T57	5.90	1.85		1		
PDMH10/H10-200.200	T58	3.30	2.10		2		
PDMH10/H10-200.200	T59	3.30	2.10		1		
PDMH10/H10-200.200	T60	5.60	2.10		1		1B
PDMH10/H10-200.200	T60A	5.60	2.10		1		
PDMH10/H10-200.200	T61	2.40	5.70		1		2B
PDMH10/H10-200.200	T62	3.80	2.00		1	1B	
PDMH10/H10-200.200	T62A	3.80	2.00		1	1B	1B
PDMH10/H10-200.200	T63	4.30	2.35		1		
PDMH10/H10-200.200	T63A	4.30	2.35		1		1B
PDMH10/H10-200.200	T64	4.40	1.00	1			
PDMH10/H10-200.200	T65	2.70	2.10	3			
PDMH10/H10-200.200	T66	2.70	2.10	1			

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- Wire / Bar ductility class shall be either class 500A / 500B or a combination of both.
- Where PWMSB Fabric is not shown in the drawing, please refer to engineer's original drawings for steel bar detail.
- This drawing must be read in conjunction with all structural engineer's original drawings at all times .
- Steel reinforcement in concrete shall be base on Concrete Strength class 25/30 .

Rev.No	Rev.Date	Description	By
5	12.08.2023	REVISED DIMENSION	NIEZA
4	31.07.2023	REVISED DIMENSION	NIEZA
3	28.06.2023	REVISED DIMENSION	NIEZA
2	27.06.2023	REVISED DIMENSION	NIEZA
1	23.06.2023	changed lapping to 55D	NIEZA

PROJECT TITLE :

PROPOSED NEW ERECTION OF 39-STOREY RESIDENTIAL CONDOMINIUM DEVELOPMENT (396 UNIT) COMPRISING ONE 36-STOREY RESIDENTIAL TOWER BLOCK, 2 SKY TERRACES, 1 LANDSCAPE DECK AND 3 BASEMENT CARPARKS ON LOT 00269P.00270W PLOT (1) 00436K PT & PLOT (3) 00435A PT TS22 AT 173 CHIN SWEE ROAD.

PROJECT DETAILS :

TYPICAL STOREY (3RD-13TH) SLAB TOP REINFORCEMENT

DEVELOPER :

CONSULTANT :

KTP CONSULTANTS PTE.LTD

CONTRACTOR :

STEEL FABRIC MANUFACTURER :



106 Jalan Cyber 5,  
Senai Industrial Estate III,  
81400 Senai, Johor.  
Tel : 07-599 1800  
Fax : 07-599 3366  
Email : pwmsb@progressweldedmesh.my

Scale : N.T.S.	Prepared by : NIEZA
Preparation Date : 15.06.2023	Checked by : DIN
Drawing No : PC / 23 / 160 / SS	Sheet No : 2