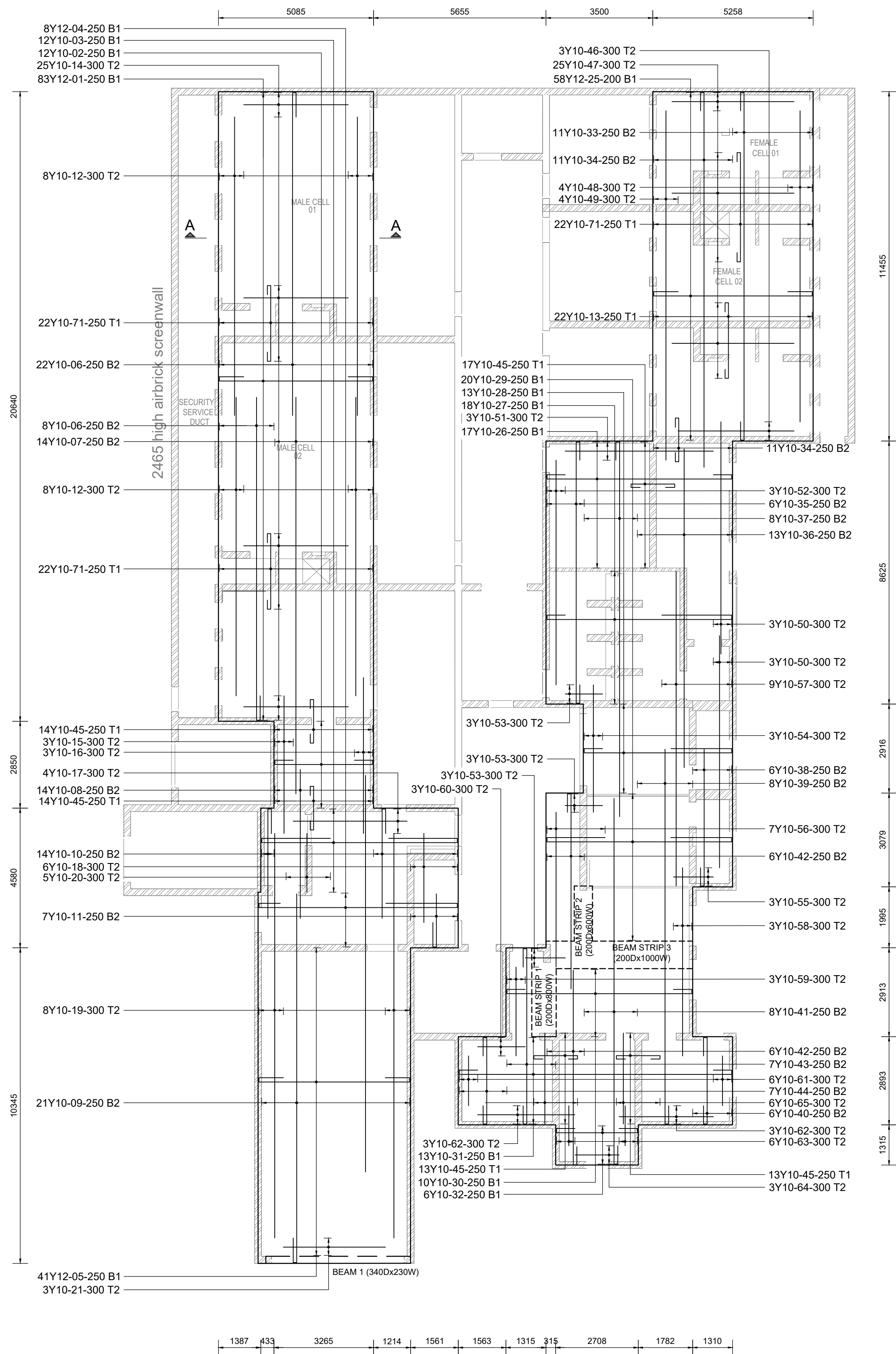
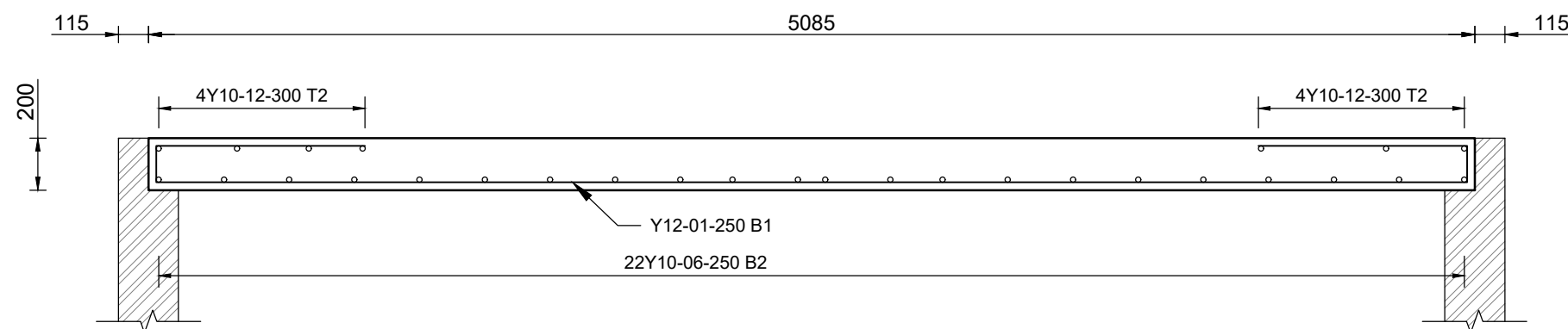




ROOF SLAB REINF. LAYOUT
SCALE 1:100



SECTION A-A
SCALE 1:25

ISSUED FOR TENDER

MEMBER	No. Off	REINFORCEMENT					Shape Code	BENDING DIMENSIONS				
		Type & Dia	Mark	No in Each	Total No.	Length mm		A mm	B mm	C mm	D mm	E/R mm
200mm THICK RC ROOF SLAB - MALE CELL BLOCK	1	Y12	01	83	83	6790	55	800	140	5025	140	800
		Y10	02	12	12	4590	55	600	140	3205	140	600
		Y10	03	12	12	11090	55	2250	140	6410	140	2250
		Y12	04	8	8	9610	55	600	140	6500	140	2345
		Y12	05	41	41	6700	55	800	140	4940	140	800
		Y10	06	30	30	5890	38	800	115	5025		
		Y10	07	14	14	13000	20					
		Y10	08	14	14	4880	20					
		Y10	09	21	21	12950	38	800	115	12085		
		Y10	10	14	14	4450	38	800	115	3580		
		Y10	11	7	7	2610	38	800	115	1740		
		Y10	12	16	16	9790	20					
		Y10	13	44	44	3200	55	300	110	2480	110	300
		Y10	14	25	25	3430	20					
		Y10	15	3	3	4510	20					
		Y10	16	3	3	5110	20					
		Y10	17	4	4	3740	20					
		Y10	18	6	6	2920	20					
		Y10	19	8	8	13000	20					
		Y10	20	5	5	1930	20					
		Y10	21	3	3	3350	20					
		Y10	45	28	28	2150	55	300	110	1430	110	300
		Y10	ST1	94	94	1020	83	300	110	300	300	
BEAM 1 (340Dx 230W)	1	Y10	22	2	2	4790	38	100	4640	100		
		Y16	23	2	2	4960	38	200	4640	200		
		Y20	24	1	1	3200	20					
		R10	SA1	15	15	1030	60	280	170			

MEMBER	No. Off	Type & Dia	REINFORCEMENT				Shape Code	BENDING DIMENSIONS				
			Mark	No in Each	Total No	Length mm		A mm	B mm	C mm	D mm	E/R mm
200mm THICK RC ROOF SLAB - FEMALE CELL BLOCK	1	Y12	25	58	58	6960	55	800	140	5195	140	800
		Y10	26	17	17	7440	55	600	140	6055	140	600
		Y10	27	18	18	9130	55	600	140	6055	140	2290
		Y10	28	13	13	7610	55	600	140	4835	140	1990
		Y10	29	20	20	10150	55	1910	140	6055	140	2000
		Y10	30	10	10	7440	55	600	140	6060	140	600
		Y10	31	13	13	10310	55	600	140	8925	140	600
		Y10	32	6	6	4030	55	600	140	2645	140	600
		Y10	33	11	11	12730	55	600	115	11395	115	600
		Y10	34	11	11	12950	38	600	115	12285		
		Y10	35	6	6	9910	55	600	120	8565	120	600
		Y10	36	13	13	10450	20					
		Y10	37	8	8	12950	38	600	120	12285		
		Y10	38	6	6	5160	38	600	120	4485		
		Y10	39	8	8	12950	38	600	120	12285		
		Y10	40	6	6	4170	55	600	120	2830	120	600
		Y10	41	8	8	12670	38	600	120	11995		
		Y10	42	12	12	7060	38	600	120	6390		
		Y10	43	7	7	7090	55	600	120	5745	120	600
		Y10	44	7	7	4170	55	600	120	2830	120	600
		Y10	45	65	65	2150	55	300	110	1430	110	300
		Y10	46	3	3	3800	20					
		Y10	47	3	3	4000	20					
		Y10	48	4	4	10200	20					
		Y10	49	4	4	11460	20					
		Y10	50	6	6	7610	20					
		Y10	51	3	3	4860	20					
		Y10	52	3	3	7370	20					
		Y10	53	9	9	1220	20					
		Y10	54	3	3	4180	20					
		Y10	55	3	3	1310	20					
		Y10	56	7	7	5080	20					
		Y10	57	9	9	10320	20					
		Y10	58	3	3	6170	20					
		Y10	59	3	3	2920	20					
		Y10	60	3	3	1560	20					
		Y10	61	6	6	1640	20					
		Y10	62	6	6	3190	20					
		Y10	63	6	6	1320	20					
		Y10	64	3	3	1450	20					
		Y10	65	6	6	2980	20					
		Y10	13	22	22	3200	55	300	110	2480	110	300
		Y10	71	22	22	4300	55	300	110	3580	110	300
		Y10	ST1	138	138	1020	83	300	110	300	300	

MEMBER	No. Off	REINFORCEMENT						BENDING DIMENSIONS				
		Type & Dia	Mark	No in Each	Total No.	Length mm	Shape Code	A mm	B mm	C mm	D mm	E/R mm
BEAM STRIP 1 (200Dx 800W)	1	Y10	66	12	12	3000	38	100	2850	100		
		Y10	67	2	2	1500	20					
		R10	SA2	11	11	1890	60	140	740			
		R10	SA3	22	22	720	60	140	155			
BEAM STRIP 2 (200Dx 600W)	1	Y10	68	8	8	2800	38	100	2645	100		
		R10	SA4	7	7	1490	60	140	540			
		R10	SA5	7	7	790	60	140	190			
BEAM STRIP 3 (200Dx 1000W)	1	Y10	69	12	12	4900	38	100	4745	100		
		Y12	70	3	3	3000	20					
		R10	SA6	19	19	2290	60	140	940			
		R10	SA7	38	38	800	60	140	195			

DRAWING REFERENCE

TITLE

NOTES

SOUTH AFRICAN
POLICE SERVICE



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Geotechnical & Civil Engineers
Waste Disposal Consultants • Project Managers

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NEW SAPS
IKAGENG POLICE STATION:
NORTH WEST

CELL BLOCK ROOF SLAB
REINFORCEMENT LAYOUT AND
DETAILS

CONSULTING ENGINEER	DESIGNED :	E.D.D
	DRAWN :	E.D.D
SIGNATURE:.....	CHECKED :	M.S.M
	SCALE :	AS SHOWN
PR. NO.:.....	DATE :	JULY 2024
	ORIGINAL SIZE:	A1
DATE:.....	REFERENCE NO.	51660
	FIGURE NO.	144
CAD FILE:	REVISION	
	S/.....	