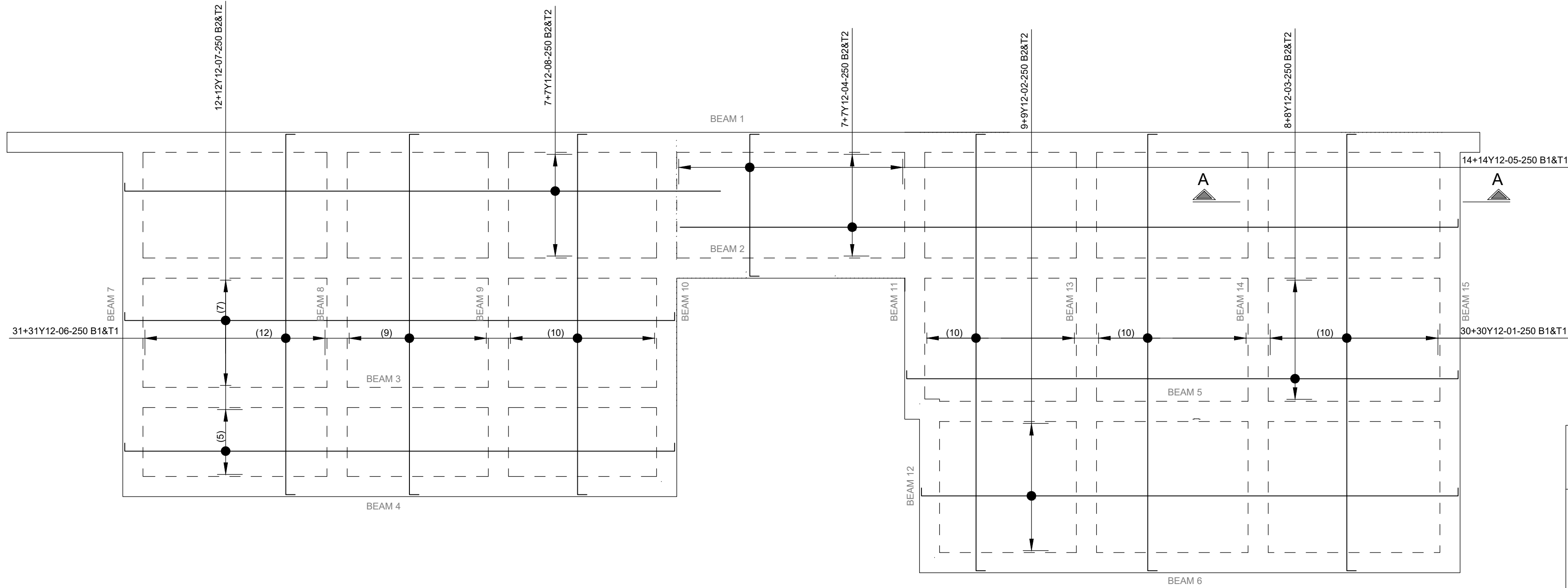
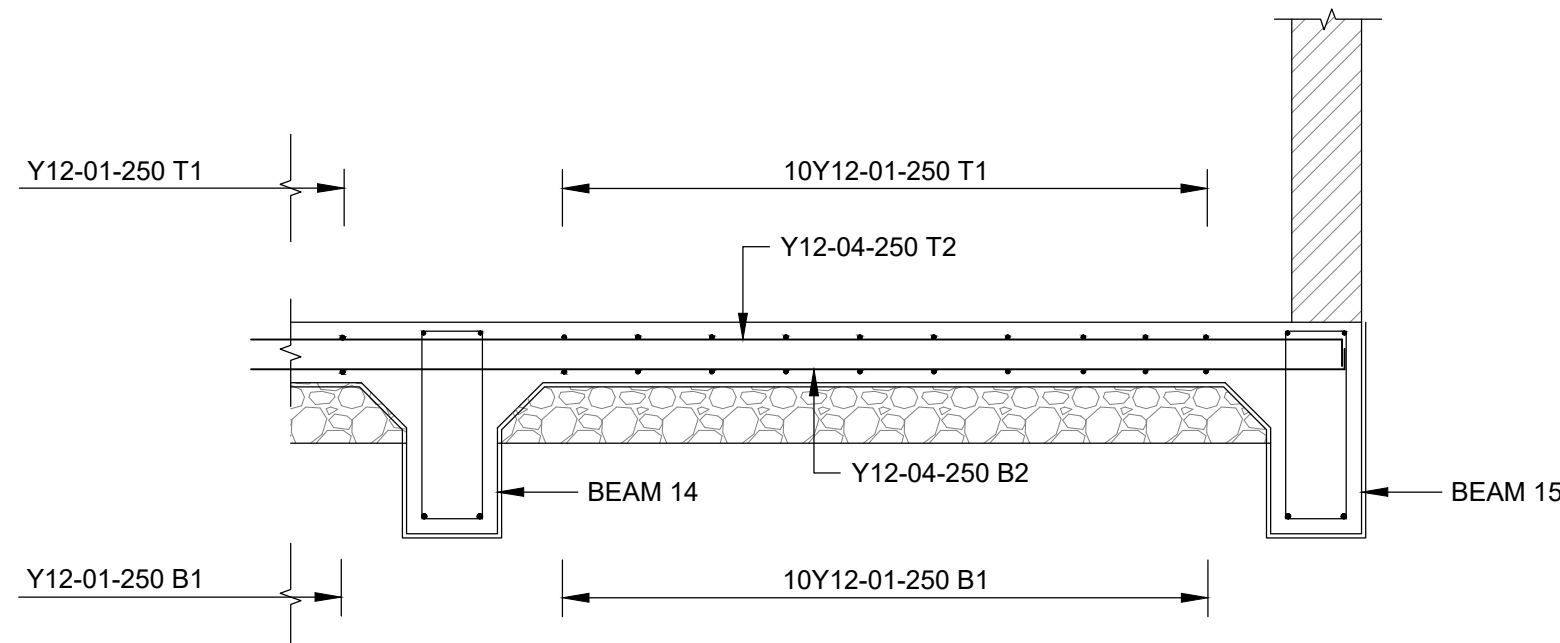




ADMIN BLOCK FOUNDATION REINFORCEMENT LAYOUT
SCALE 1:50

ALL BEAMS 700Dx300W
UNLESS SPECIFIED OTHERWISE



SECTION A-A
SCALE 1:25

MEMBER	No. Off	REINFORCEMENT					Shape Code	BENDING DIMENSIONS					E/R mm
		Type & Dia	Mark	No in Each	Total No.	Length mm		A mm	B mm	C mm	D mm		
200mm THICK RC FLOOR SLAB	1	Y12	01	60	60	6730	38	140	6505	140			
		Y12	02	18	18	8190	38	130	7990	130			
		Y12	03	16	16	8410	38	130	8210	130			
		Y12	04	14	14	11690	37	130	11585				
		Y12	05	28	28	2340	38	140	2115	140			
		Y12	06	62	62	5590	38	140	5370	140			
		Y12	07	24	24	8390	38	130	8190	130			
		Y12	08	14	14	8980	37	130	8875				
		Y10	ST1	121	121	820	83	250	85	250	250		
BEAM 1 (700Dx 300W)	1	Y12	09	4	4	11340	37	150	11220				
		Y16	10	4	4	11480	37	200	11320				
		R10	SA1	87	87	1730	60	600	200				
BEAM 2 (700Dx 300W)	1	Y12	11	4	4	10330	37	150	10210				
		Y16	12	4	4	10470	37	200	10310				
		R10	SA1	79	79	1730	60	600	200				
BEAMS 3 & 4 (700Dx 300W)	2	Y12	13	2	4	8390	38	150	8150	150			
		Y16	14	2	4	8470	38	200	8150	200			
		R10	SA1	32	64	1730	60	600	200				
BEAM 5 (700Dx 300W)	1	Y12	15	2	2	8410	38	150	8170	150			
		Y16	16	2	2	8490	38	200	8170	200			
		R10	SA1	32	32	1730	60	600	200				
BEAM 6 (700Dx 300W)	1	Y12	17	2	2	8190	38	150	7950	150			
		Y16	18	2	2	8270	38	200	7950	200			
		R10	SA1	31	31	1730	60	600	200				
BEAMS 7, 8, 9 & 10 (700Dx 300W)	4	Y12	19	2	8	5570	38	150	5330	150			
		Y16	20	2	8	5650	38	200	5330	200			
		R10	SA1	21	84	1730	60	600	200				
BEAM 11 (700Dx 300W)	1	Y12	21	2	2	4420	38	150	4175	150			
		Y16	22	2	2	4500	38	200	4175	200			
		R10	SA1	16	16	1730	60	600	200				
BEAM 12 (700Dx 300W)	1	Y12	24	2	2	2730	38	150	2490	150			
		Y16	25	2	2	2810	38	200	2490	200			
		R10	SA1	9	9	1730	60	600	200				
BEAMS 13, 14 & 15 (700Dx 300W)	3	Y12	26	2	6	6710	38	150	6465	150			
		Y16	27	2	6	6790	38	200	6465	200			
		R10	SA1	25	75	1730	60	600	200				

ISSUED FOR TENDER

GENERAL NOTES		NOTES ON FOUNDATION CONSTRUCTION		NOTES ON R.C. CONSTRUCTION		DATE: MAY 2024	
1. All work to be in accordance with the NATIONAL BUILDING REGULATIONS and STANDARDS ACT No. 103 of 1977		1. Foundations are subject to alterations as excavations proceed.		1. The Contractor is to maintain the reinforcing steel in the correct position.		6. Beam depth given first and includes slab thickness.	
2. All drawings to be read in conjunction with the Architect's relevant drawings.		2. No foundations are to be cast until excavations have been approved.		2. Minimum cover to steel reinforcing: Slabs: 30mm Beams: 30mm Columns: 40mm Foundations: 50mm		7. Concrete works cube strength is at 28 days to be as follows: Foundations, Beams & Slabs, Pile Caps, Columns: 30 MPa. Beams stated thick less than the R.C. drawing.	
3. All dimensions to be checked on site and any discrepancies to be reported before construction commences.		3. A 50mm thick blinding layer of 1:3:6 conc. to be cast in all foundations excavated. This 50mm thick layer is not included in the thickness of foundations shown on drawing.		3. Concrete or Tile spacer blocks to be used to maintain adequate cover.		8. All concrete to be machine mixed, vibrated and damp cured.	
4. No concrete to be poured without the Engineer's consent.				4. The contractor is to arrange for cube crushing tests to be as and when requested by the engineer.		9. Reinforcement is listed elsewhere on bending schedules.	
5. No structural alterations to be made without amended drawings				5. Breaks in concrete are only to be made where approved by the engineer.		10. All reinforcement must be inspected by the engineer prior to pouring concrete.	
6. TD = To detail, INV = Inverted, TAD = To arch. detail						REFERENCE NO. 51660	
7. Sleeves and ducts must be provided for all pipes and services.						FIGURE NO. 134	
						REVISION A	
						CAD FILE: S/.....	

DRAWING REFERENCE

TITLE

NOTES

REVISIONS

CLIENT
**SOUTH AFRICAN
POLICE SERVICE**



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PROJECT

**NEW SAPS
IKAGENG POLICE STATION:
NORTH WEST**

TITLE
**ADMIN BLOCK
FOUNDATION REINFORCEMENT
LAYOUT AND DETAILS**

CONSULTING ENGINEER	DESIGNED : M.S.M	
	DRAWN : R.M.Y	
SIGNATURE:.....	CHECKED : M.S.M	
	SCALE : AS SHOWN	
PR. NO.:.....	DATE : MAY 2024	
	ORIGINAL SIZE: A1	
REFERENCE NO.	FIGURE NO.	REVISION
51660	134	A
CAD FILE: S/.....		