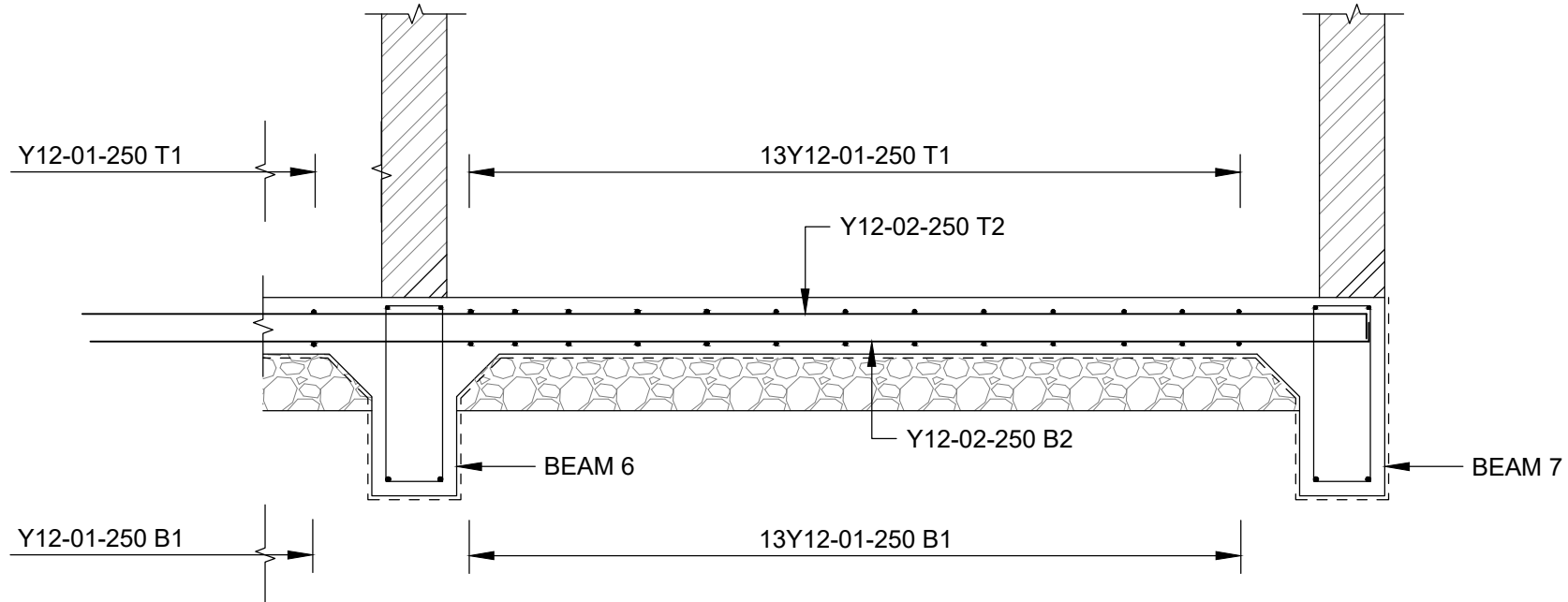


MANAGEMENT INFORMATION CENTRE  
FOUNDATION REINFORCEMENT LAYOUT  
SCALE 1:50



SECTION A-A  
SCALE 1:25

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 FLOOR SLAB	1	Y12	01	38	38	7120	38	140	6900	140		
		Y12	02	40	40	5410	38	130	5205	130		
		Y10	ST1	41	41	820	83	250	85	250	250	
BEAMS 1, 2, 3 & 4 (700Dx 300W)	4	Y12	03	2	8	5410	38	150	5165	150		
		Y16	04	2	8	5490	38	200	5165	200		
		R10	SA1	20	80	1730	60	600	200			
BEAMS 5, 6 & 7 (700Dx 300W)	3	Y12	05	2	6	7100	38	150	6860	150		
		Y16	06	2	6	7180	38	200	6860	200		
		R10	SA1	27	81	1730	60	600	200			

**GENERAL NOTES**

1. All work to be in accordance with the NATIONAL BUILDING REGULATIONS and STANDARDS ACT No. 103 of 1977

2. All drawings to be read in conjunction with the Architect's relevant drawings.

3. All dimensions to be checked on site and any discrepancies to be reported before construction commences.

4. No concrete to be poured without the Engineer's consent.

5. No structural alterations to be made without amended drawings

6. TD = To detail, INV = Inverted, TAD = To arch. detail

7. Sleeves and ducts must be provided for all pipes and services.

**NOTES ON FOUNDATION CONSTRUCTION**

1. Foundations are subject to alterations as excavations proceed.

2. No foundations are to be cast until excavations have been approved.

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.

**NOTES ON R.C. CONSTRUCTION**

1. The Contractor is to maintain the reinforcing steel in the correct position.

2. Minimum cover to steel reinforcing: Slabs: 30mm Beams: 30mm Columns: 40mm Foundations: 50mm

3. Concrete or Tile spacer blocks to be used to maintain adequate cover.

4. The contractor is to arrange for cube crushing tests to be as and when requested by the engineer.

5. Breaks in concrete are only to be made where approved by the engineer.

6. Beam depth given first and includes slab thickness.

7. Concrete works cube strength is at 28 days to be as follows: Foundations, Beams & Slabs, Pile Caps, Columns: 30 MPa, unless stated otherwise on the R.C. drawing.

8. All concrete to be machine mixed, vibrated and damp cured.

9. Reinforcement is listed elsewhere on bending schedules.

10. All reinforcement must be inspected by the engineer prior to pouring concrete.

ISSUED FOR TENDER

DRAWING REFERENCE

TITLE

NOTES

REVISIONS

CLIENT  
**SOUTH AFRICAN  
POLICE SERVICE**



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PROJECT

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

TITLE **MANAGEMENT INFORMATION  
CENTRE FOUNDATION  
REINFORCEMENT LAYOUT  
AND DETAILS**

CONSULTING ENGINEER DESIGNED : M.S.M

SIGNATURE:..... DRAWN : R.M.Y

CHECKED : M.S.M

PR. NO.:..... SCALE : AS SHOWN

DATE:..... DATE : MAY 2024

ORIGINAL SIZE: A1

REFERENCE NO.  
**51660**

FIGURE NO.  
**135**

REVISION  
**A**

CAD FILE: S/.....