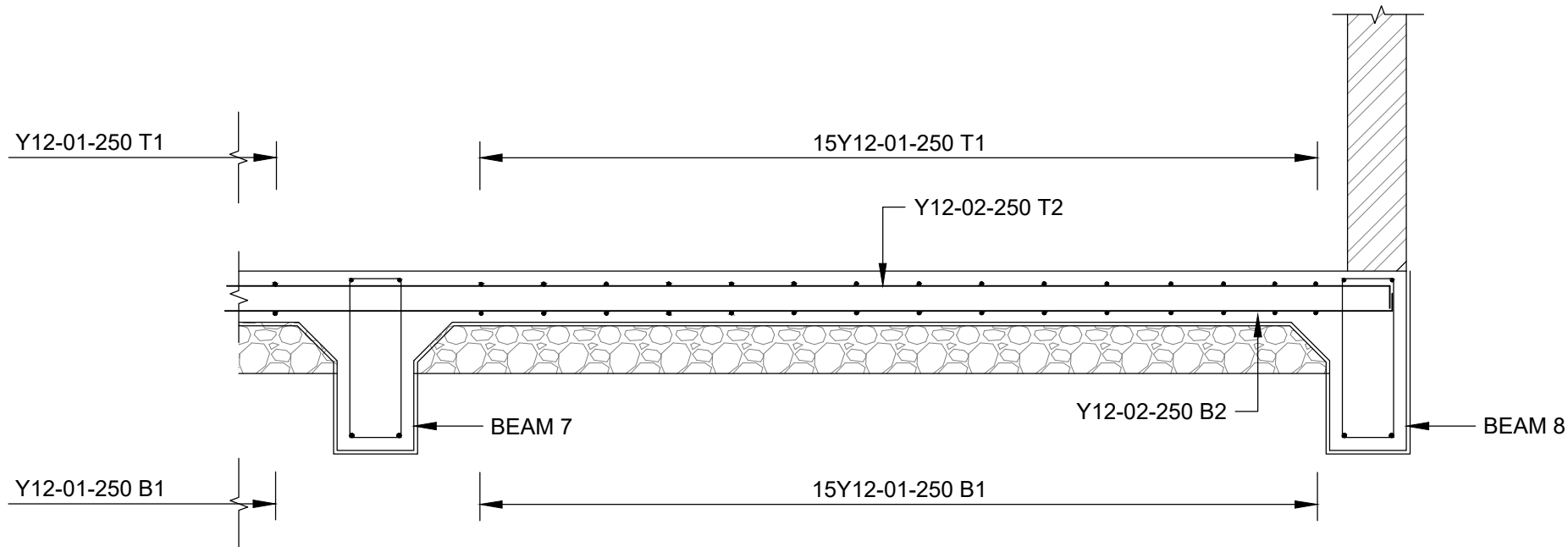


ARCHIVE AND DOCKET FOUNDATION REINFORCEMENT LAYOUT
SCALE 1:50



SECTION A-A
SCALE 1:25

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
200mm THICK RC FLOOR SLAB	1	Y12	01	60	60	9940	38	140	9715	140		
		Y12	02	76	76	8190	38	130	7990	130		
		Y10	ST1	104	104	820	83	250	85	250	250	
BEAMS 1, 2, 3, 4 & 5 (700Dx 300W)	5	Y12	03	2	10	8190	38	150	7950	150		
		Y16	04	2	10	9270	38	200	7950	200		
		R10	SA1	31	155	1730	60	600	200			
BEAMS 6, 7 & 8 (700Dx 300W)	3	Y12	05	2	6	9910	38	150	9670	150		
		Y16	06	2	6	9990	38	200	9670	200		
		R10	SA1	38	114	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**



Thekwini Geocivils cc T/A
TGC Engineers
Geotechnical & Civil Engineers
Waste Disposal Consultants • Project Managers

Suite 6
4 The Crescent
Westway Office Park
Westville
3611
Telephone 265-1777



P.O. Box 446
PAVILION
3611
Telefax 265-2727
E-mail: tgc@tgoengineers.co.za

PROJECT

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

TITLE
**ARCHIVE AND DOCKET STORAGE
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. 51660	FIGURE NO. 133	REVISION A
CAD FILE: S/.....		