





## 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 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.

DRAWING REFERENCE			
TITLE			
NOTES			
A	BAR MARKS UPDATED, BEAM NUMBERS AND BENDING SCHEDULE ADDED	M.S.M	07/2024
NO.	AMENDMENT	APPROVED	DATE
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@tgcengineers.co.za	
PROJECT			
NEW SAPS IKAGENG POLICE STATION: NORTH WEST			
TITLE			
ECONOMIC CRIME MEMBERS BLOCK FOUNDATION REINFORCEMENT LAYOUT AND DETAILS			
CONSULTING ENGINEER	DESIGNED : M.S.M		
SIGNATURE:.....	DRAWN : R.M.Y		
PR. NO.:.....	CHECKED : M.S.M		
DATE:.....	SCALE : AS SHOWN		
	DATE : MAY 2024		
	ORIGINAL SIZE: A1		
REFERENCE NO. <b>51660</b>	FIGURE NO. <b>138</b>	REVISION <b>A</b>	
CAD FILE: S/.....			