



GENERAL NOTES	NOTES ON FOUNDATION CONSTRUCTION	NOTES ON R.C. CONSTRUCTION
<p>All work to be in accordance with the NATIONAL BUILDING REGULATIONS (NBR) and the NATIONAL ACT No. 103 of 1977.</p> <p>All drawings to be read in conjunction with the Architect's relevant drawings.</p> <p>3. All dimensions to be checked on site and any discrepancies to be reported before construction commences.</p> <p>4. All work to be carried out in accordance with the Engineer's consent.</p> <p>5. No structural alterations to be made without amended drawings.</p> <p>6. TD = To Detail, INV = Inverted, TAD = To Arch, detail.</p> <p>7. Sleeves and ducts must be provided for all pipes and services.</p>	<p>1. Foundations are subject to alterations as excavations proceed.</p> <p>2. No foundations are to be cast until excavations have been approved.</p> <p>3. A 50mm thick binding layer of 1:3:6 concrete, to be cast in all foundations excavated. This 50mm thick layer is not included in the thickness of foundations shown on drawings.</p>	<p>1. The Contractor is to maintain the reinforcing steel in the correct position.</p> <p>2. Minimum cover to steel reinforcing: Slabs: 30mm Beams: 30mm Columns: 40mm Foundations: 50mm</p> <p>3. All concrete pump trucks to be used to maintain adequate cover.</p> <p>4. The contractor is to arrange for truck crushing tests to be carried out on the concrete at intervals of 100m³ and as when requested by the engineer.</p> <p>5. Breaks in concrete are only to be made where approved by the engineer.</p> <p>6. Beam depth given first and includes slab thickness.</p> <p>7. Concrete works cure strength is at 28 days to be as follows: Foundations, Beams & Slabs, Plc Cappings: 30 MPa, unless stated otherwise on the R.C. Drawings.</p> <p>8. All concrete work to be done in accordance with BS 5400 and damped cured.</p> <p>9. Reinforcement is listed elsewhere on bending schedules.</p> <p>10. All reinforcement to be inspected by the engineer prior to pouring concrete.</p>

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			
DETECTIVES 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. 51660	FIGURE NO. 140	REVISION A	
CAD FILE: S./.....			