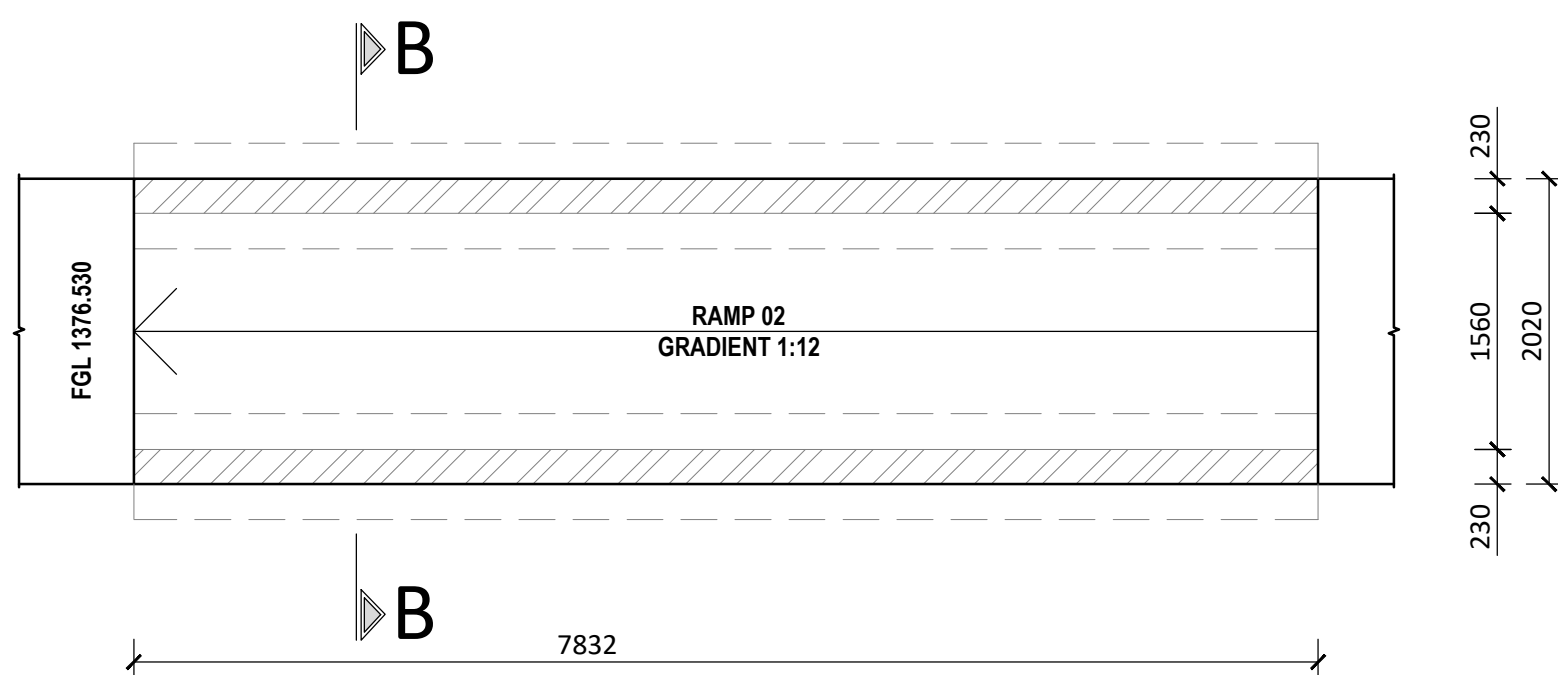
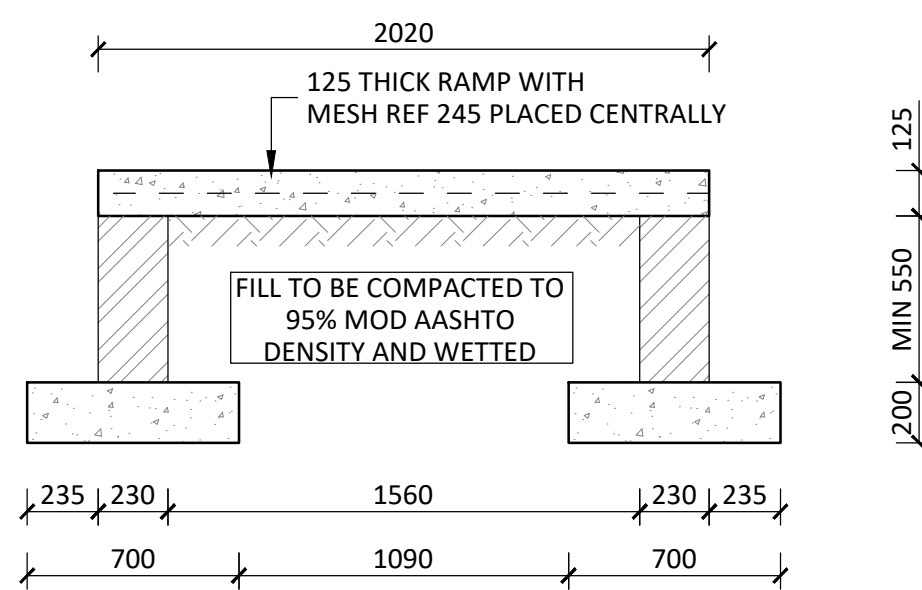


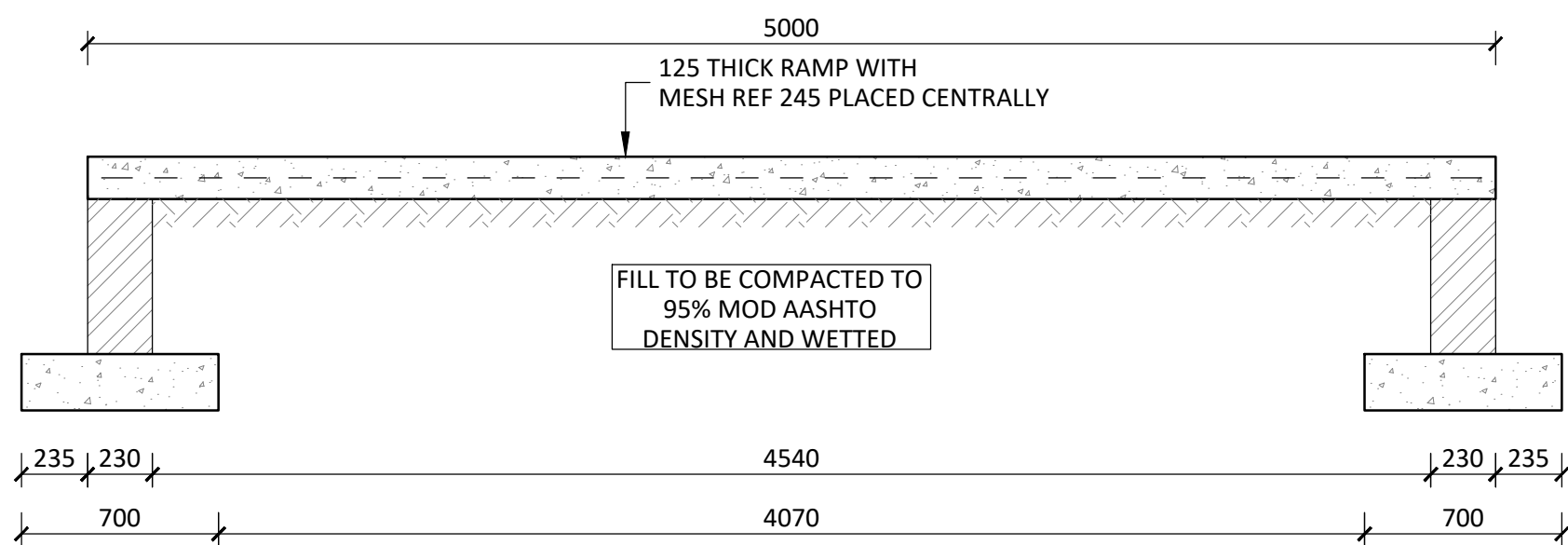
RAMP 1 LAYOUT  
SCALE 1:50



RAMP 2 LAYOUT  
SCALE 1:50



SECTION B-B  
SCALE 1:25



SECTION A-A  
SCALE 1:25

ISSUED FOR TENDER



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: 25 MPa. Columns: 30MPa 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.

CONSULTING ENGINEER		DESIGNED : E.D.D	
SIGNATURE:.....		DRAWN : E.D.D	
PR. NO.:.....		CHECKED : M.S.M	
DATE:.....		SCALE : AS SHOWN	
		DATE : JULY 2024	
		ORIGINAL SIZE: A1	
REFERENCE NO. 51660		FIGURE NO. 150	REVISION
CAD FILE: S/I.....			

NO.	AMENDMENT	APPROVED	DATE
REVISIONS			
CLIENT			
SOUTH AFRICAN POLICE SERVICE			
Thekwini Geocivils cc T/A <b>TGC Engineers</b> 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			
RC RAMP LAYOUT			
CONSULTING ENGINEER		DESIGNED : E.D.D	
SIGNATURE:.....		DRAWN : E.D.D	
PR. NO:.....		CHECKED : M.S.M	
DATE:.....		SCALE : AS SHOWN	
		DATE : JULY 2024	
		ORIGINAL SIZE: A1	
REFERENCE NO. 51660		FIGURE NO. 150	REVISION
CAD FILE: S/.....			