



- NOTES:**
1. GRID AND FRAME TYPES A AND B TO BE MANUFACTURED FROM MILD STEEL GRADE: 350 IN COMPLIANCE WITH THE REQUIREMENTS OF BS 4360 PART 2.
 2. THE MANUFACTURING, ASSEMBLY AND FIXING OF THE GRIDS AND FRAMES SHALL COMPLY WITH SANS 0162.
 3. ALL WELDING SHALL BE FULL-JOINT PENETRATION CONTINUOUS BUTT-JOINT (GRIDS AND FRAMES), CONTINUOUS FILLET WELDS (ANCHOR LUGS TO FRAME) CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF BS 5135.
 4. STEEL MEMBERS SHALL BE HOT-DIP GALVANISED WITH AN 85µ COATING IN ACCORDANCE WITH SANS 763, ONLY AFTER ALL THE MEMBERS HAVE BEEN WELDED TOGETHER.
 5. %%UNLOADING GRID TYPES A AND B = 40 kN WHEEL LOAD.
 6. %%UNREFERENCE DRAWINGS THIS DRAWING FORMS PART OF AND MUST BE READ WITH TYPICAL DRAWINGS FOR INLETS SANRAL DWG No. TD-D-MC-001 TO TD-D-MC-004 AND DRAWINGS TP2113-T-070 TO TP2113-T-074.

CONSTRUCTION RECORD (AS-BUILT)				DESIGNED BY				CONSULTANT APPROVAL				HEAD OFFICE				EASTERN REGION				ACCEPTANCE				PROJECT DESCRIPTION				PROJECT NUMBER			
WORKS CONTRACT ENGINEER				CHECKED BY				Name				48 Tambotie Avenue				58 Van Eck Place				THIS ACCEPTANCE IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OR LIABILITY OF ANY KIND FROM WHATSOEVER CAUSE OR HOWEVER ARISING				THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (km47.0) TO HLUHLUWE INTERCHANGE (km 55.0)				N.002-300-2020/1			
Name				Name				Prof. Reg. No.				Val de Grace				Mkondeni				ROUTE				START				END			
Date				Date				Date				Pretoria				Pietermaritzburg				SECTION				SECTION 30				SECTION 30			
SANRAL PROJECT MANAGER				DRAWN BY				PO Box 100410				Scottsville				3209				ROAD SURFACE DRAINAGE				DRAINAGE				ROADWORKS: DRAINAGE			
Name				Name				for the SA NATIONAL ROADS AGENCY SOC LTD.				WELDED STEEL GRIDS FOR MEDIANS, ETC				GRID AND FRAME DETAILS				BRIDGE/STRUCTURE No.				N/A				CONSULTANT DRAWING No.			
Date				Date				Tel: (012) 844 8000				Tel: (033) 392 8100				Scale: N. T. S.				SHEET 9 OF 26				SANRAL DOCUMENT #				1			
1				23/10/12				ORIGINAL				REVISION				CONSULT. ENG.				FOR TENDER				(FOR TENDER PURPOSES ONLY)							