



- NOTES:**
1. ALL CONCRETE CHANNELS AND OTHER DRAINAGE STRUCTURES ON THIS PLAN TO BE CAST USING CLASS C25/30-20 CONCRETE.
 2. TYPES 'E' AND 'F' CONCRETE MUST BE CAST IN ALTERNATIVE LENGTHS OF 2 m MAXIMUM WITH EXPANSION JOINTS EVERY 5TH PANEL (10 m).
 3. ALL EXPOSED CORNERS MUST BE ROUNDED OF TO A MINIMUM RADIUS OF 10mm OR BE CHAMFERED 25 mm x 25 mm.
 4. THE TYPES OF SURFACE FINISH IS INDICATED AS F1 & U2.
F - FORMED SURFACES
U - UNFORMED SURFACES
 5. MINIMUM CONCRETE COVER TO MAINTAIN REINFORCEMENT IS 50 mm.
 6. REFER GENERAL NOTES REGARDING CONCRETE DRAINS ON DRAWING TP2113-T-060.
 7. DETAILS OF EXPANSION JOINTS IN CONCRETE DRAINS AND FINISHING OF SURFACING EDGE NEXT TO CONCRETE DRAINS SHOWN AS "DETAIL X" ON DRAWING TP2113-T-060 APPLY TO ALL RELATED TYPICAL DRAWINGS.
 8. FOR SETTING OUT INFORMATION OF THE TYPE 'F' DRAINS ON TRANSITIONS REFER TO DRAWING TP2113-T-086.

				CONSTRUCTION RECORD (AS-BUILT)		DESIGNED BY		CONSULTANT APPROVAL		HEAD OFFICE		EASTERN REGION		ACCEPTANCE		PROJECT DESCRIPTION		PROJECT NUMBER	
				WORKS CONTRACT ENGINEER		NAME		NAME		46 Tamborile Avenue Val de Grace Pretoria		58 Van Eck Place Pretoria		THIS ACCEPTANCE IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OR LIABILITY OF ANY KIND FROM WHATEVER 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 : Prof. Reg. No. : Date :		Prof. Reg. No. : Name : Date :		Name : Prof. Reg. No. : Date :		PO Box 415 Pretoria 0001 South Africa		PO Box 100410 Scottsville		DRAWING DESCRIPTION		DRAWING LOCATION DATA		START	
				SANDRAL PROJECT MANAGER		CHECKED BY		NAME		ROAD SURFACE DRAINAGE		ROAD SURFACE DRAINAGE		SECTION 30		SECTION 30		END	
				Name : Prof. Reg. No. : Date :		NAME		NAME		TYPE 'F' CONCRETE CHANNELS OUTLET DETAILS		TYPE 'F' CONCRETE CHANNELS OUTLET DETAILS		DRAWING km DISTANCE		DRAWING TYPE		ROADWORKS: DRAINAGE	
				SANDRAL PROJECT MANAGER		DRAWN BY		NAME		Tel: (012) 844 8000		Tel: (033) 392 8100		For the SA NATIONAL ROADS AGENCY SOC LTD.		SCAL E : N T S		SHEFT 6 OF 26	
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