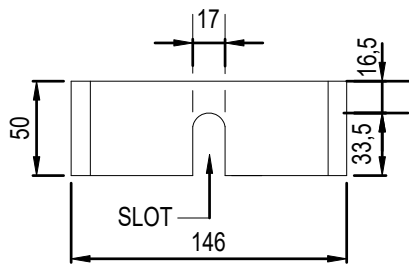
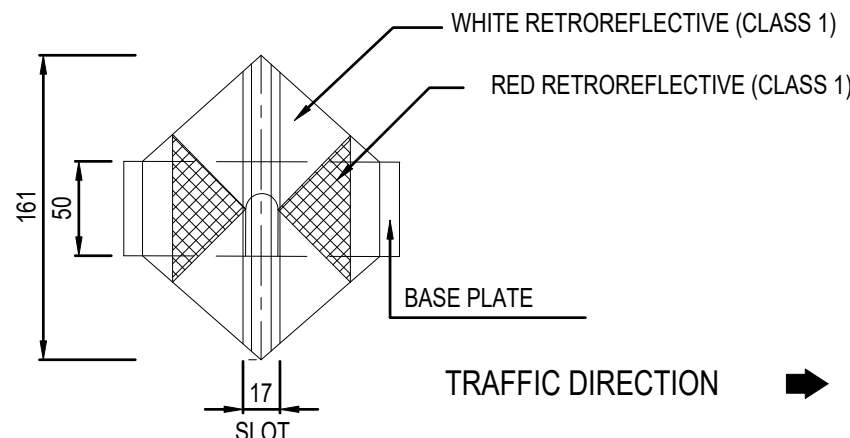


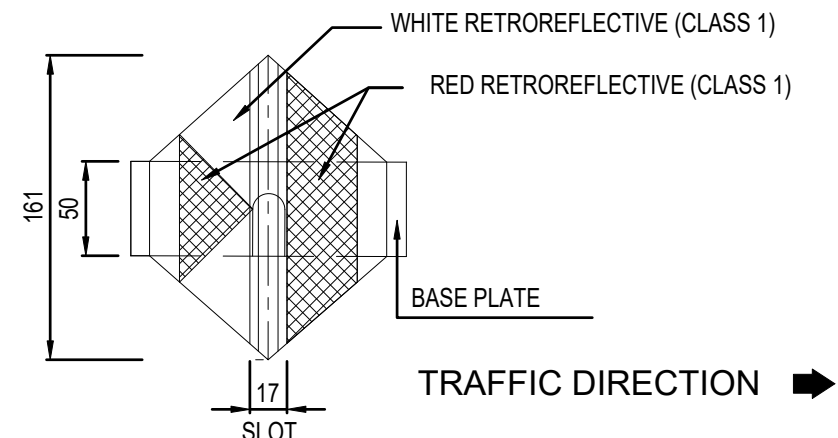
SECTION PLAN



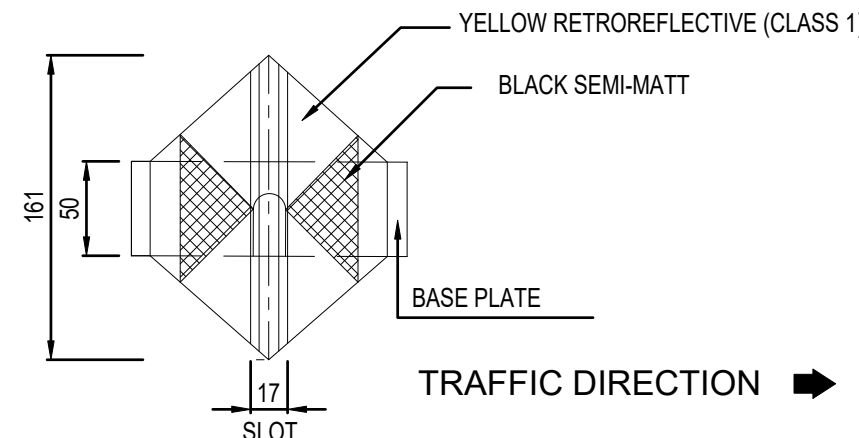
DETAIL OF BASEPLATE



FRONT ELEVATION



FRONT ELEVATION: TYPE D1(B)

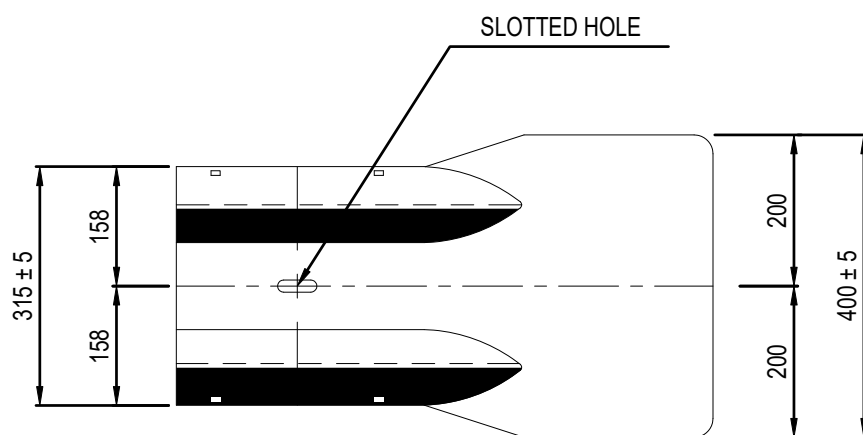


FRONT ELEVATION: TYPE TD1

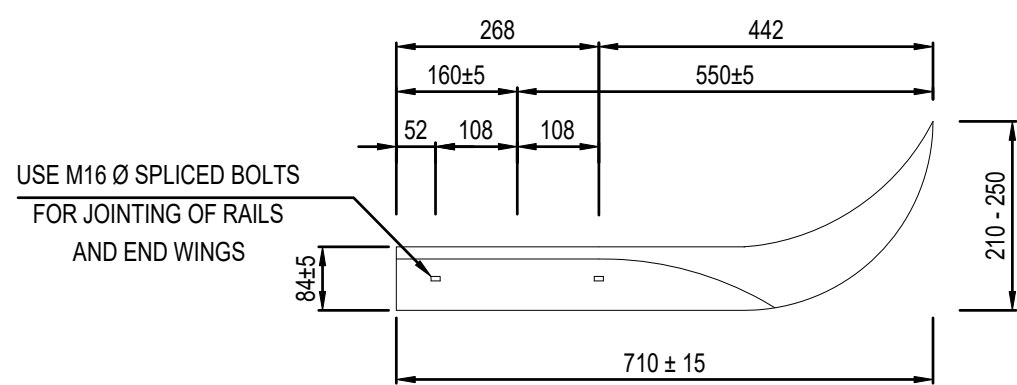
DETAIL OF GUARDRAIL REFLECTIVE PLATES

SCALE 1:4

NOTE :
V-SHAPED REFLECTIVE PLATES
ATTACHED TO EACH
ALTERNATE POST- 7620 c/c.



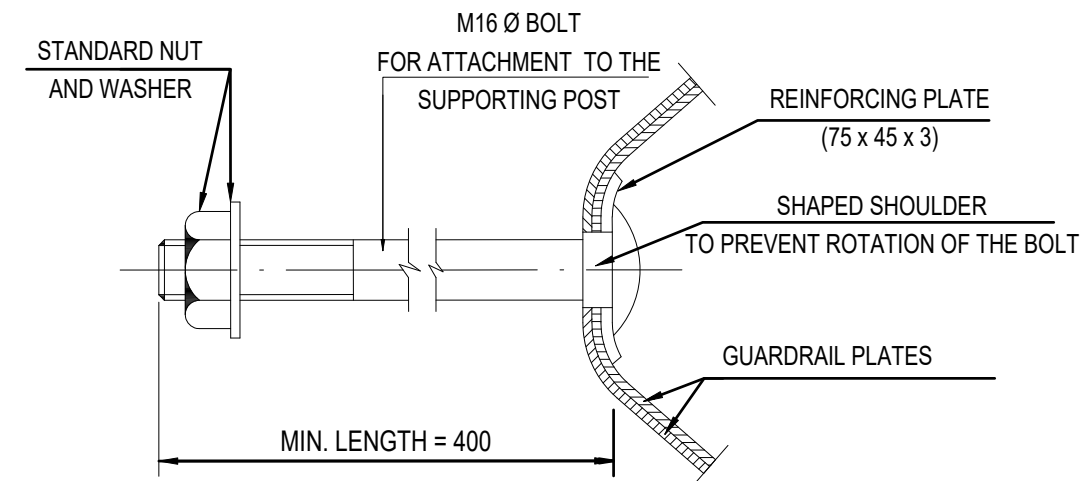
FRONT ELEVATION



PLAN

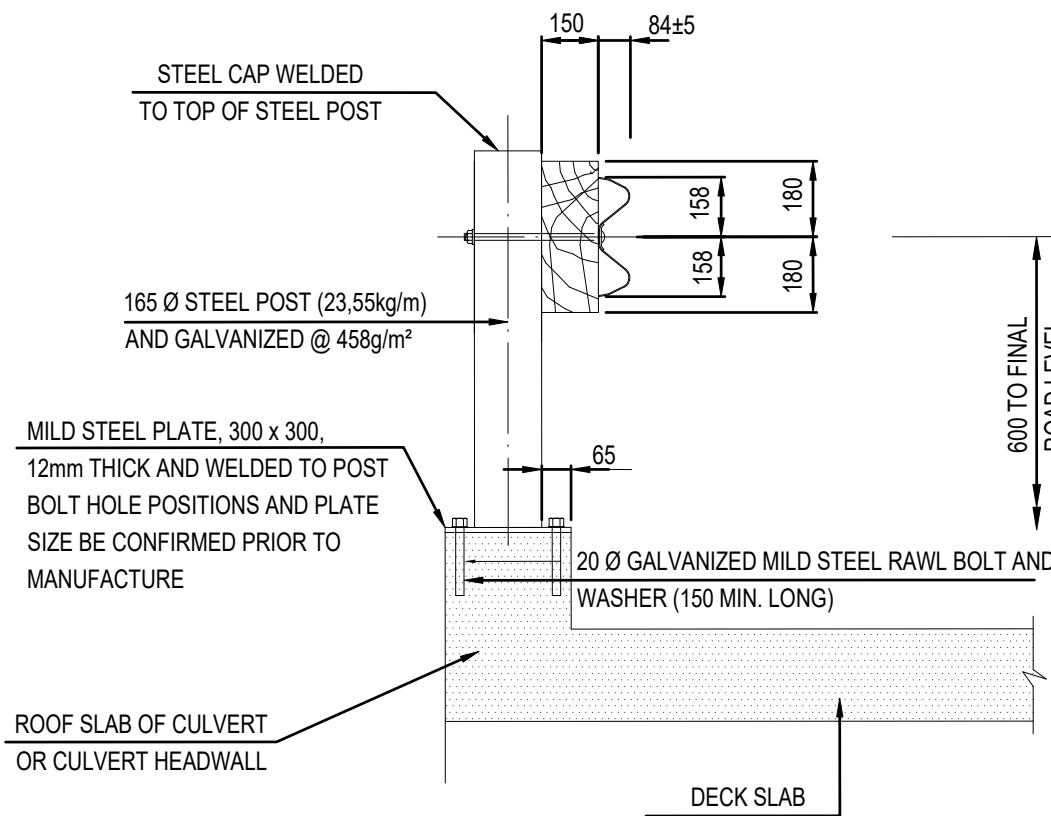
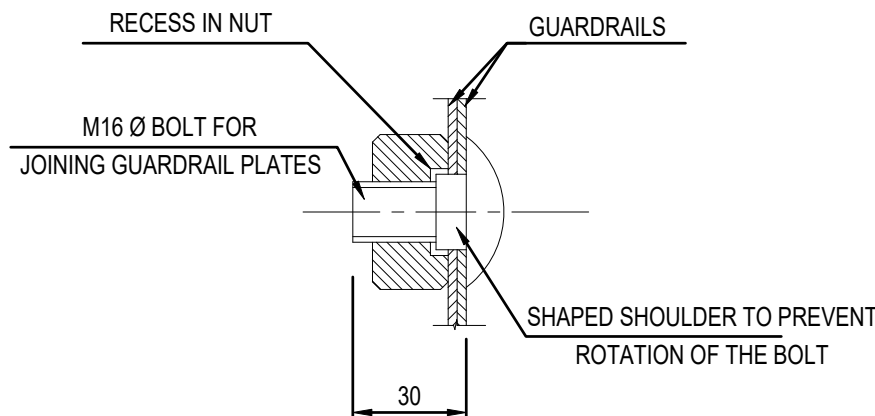
STANDARD FLARED END WING

SCALE 1:10






TYPICAL BOLTS

SCALE 1:2



DETAIL OF STEEL GUARDRAIL POST

SCALE 1:20

				CONSTRUCTION RECORD (AS-BUILT)		 KBK ENGINEERS (Pty) Ltd.		DESIGNED BY		CONSULTANT APPROVAL		 N3TC		HEAD OFFICE		 SANRAL SOUTH AFRICAN NATIONAL ROADS AGENCY LTD. BUILDING SOUTH AFRICA THROUGH BETTER ROADS		EASTERN REGION		ACCEPTANCE		PROJECT DESCRIPTION		PROJECT NUMBER		CONTRACT N3TC/RM-2021-600									
				WORKS CONTRACT ENGINEER				NAME		Name				48 Tambotie Avenue Val de Grace Pretoria 0184		58 van Eck Place Pietermaritzburg 3201				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		ROUTINE ROAD MAINTENANCE OF NATIONAL ROUTE 3: N3 TOLL ROAD BETWEEN CEDARA AND HEIDELBERG SOUTH INTERCHANGE		DRAWING LOCATION DATA		START		END							
				Name :				J.C. MARKRAM		Prof. Reg. No. : 080187		Date		DECEMBER 2020								ROUTE		N3		N3									
				Prof. Reg. No. :				080187		Date												SECTION		4		11									
				Date						CHECKED BY												DRAWING km DISTANCE		0		415									
				N3TC PROJECT MANAGER				NAME		D.D. ROBERTSON		Prof. Reg. No. : 202001496		DRAWN BY		PO Box 415 Pretoria 0001 South Africa		PO Box 100410 Scottsville 3209		for N3TC CONCESSIONAIRE		GUARDRAILS		GUARDRAILS		ROADS - TYPICAL DETAIL									
				Name :				J.C. MARKRAM		Prof. Reg. No. : 080187		Date		DECEMBER 2020		N3 Toll Concession (RF) Pty Ltd		N3 Toll Concession (RF) Pty Ltd		Date:		BRIDGE/STRUCTURE No.		CONSULTANT DRAWING No.		N3TC-GR-02		VER							
				Date				: DECEMBER 2020		NAME		T. VAN DER MERWE		T. VAN DER MERWE		1st Floor, Block D		1st Floor, Block D		Date:		for SA NATIONAL ROADS AGENCY LTD.		GUARDRAIL ELEMENT AND MOUNTING DETAILS		SCALE: AS SHOWN		SHEET 2 OF 2		SANRAL DOCUMENT #		-		V1	
V1		12-2020		ORIGINAL VERSION		J.C. MARKRAM		CONSULT. ENG.		314 Glenwood Road, Block A Lynnwood Park, Pretoria, 0081 Tel: (012) 348-1822 Fax: (012) 348-1823 PO Box 74786, Lynnwood Ridge, 0040		N3 Toll Concession (RF) Pty Ltd		N3 Toll Concession (RF) Pty Ltd		Southdowns Office Park Tel: (+27) 087 285 6382 22 Karee Street, Irene Fax: (+27) 012 492 3300		Tel: (012) 844 8000		Tel: (033) 392 8100															
No.		DATE		REVISION																															