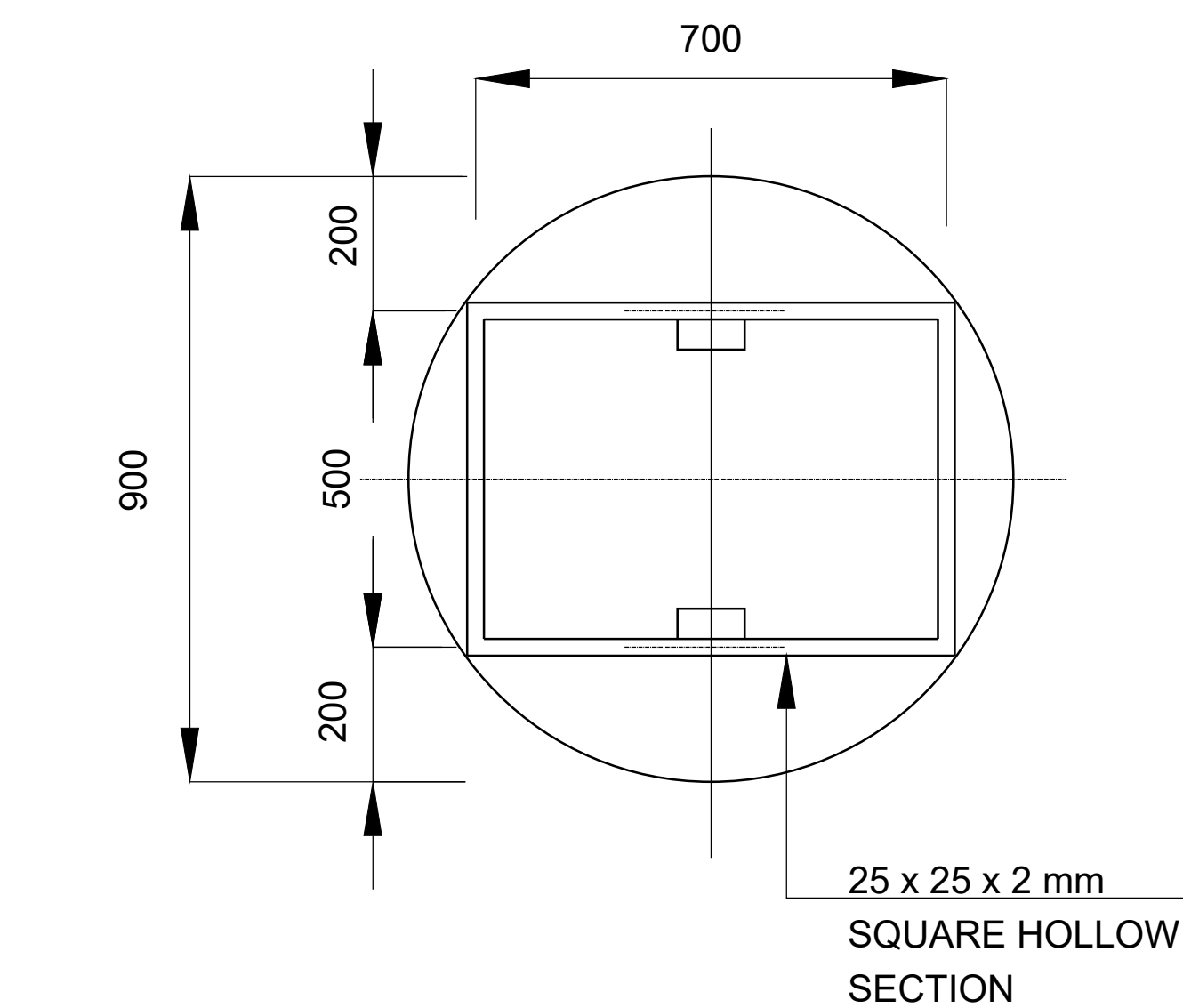
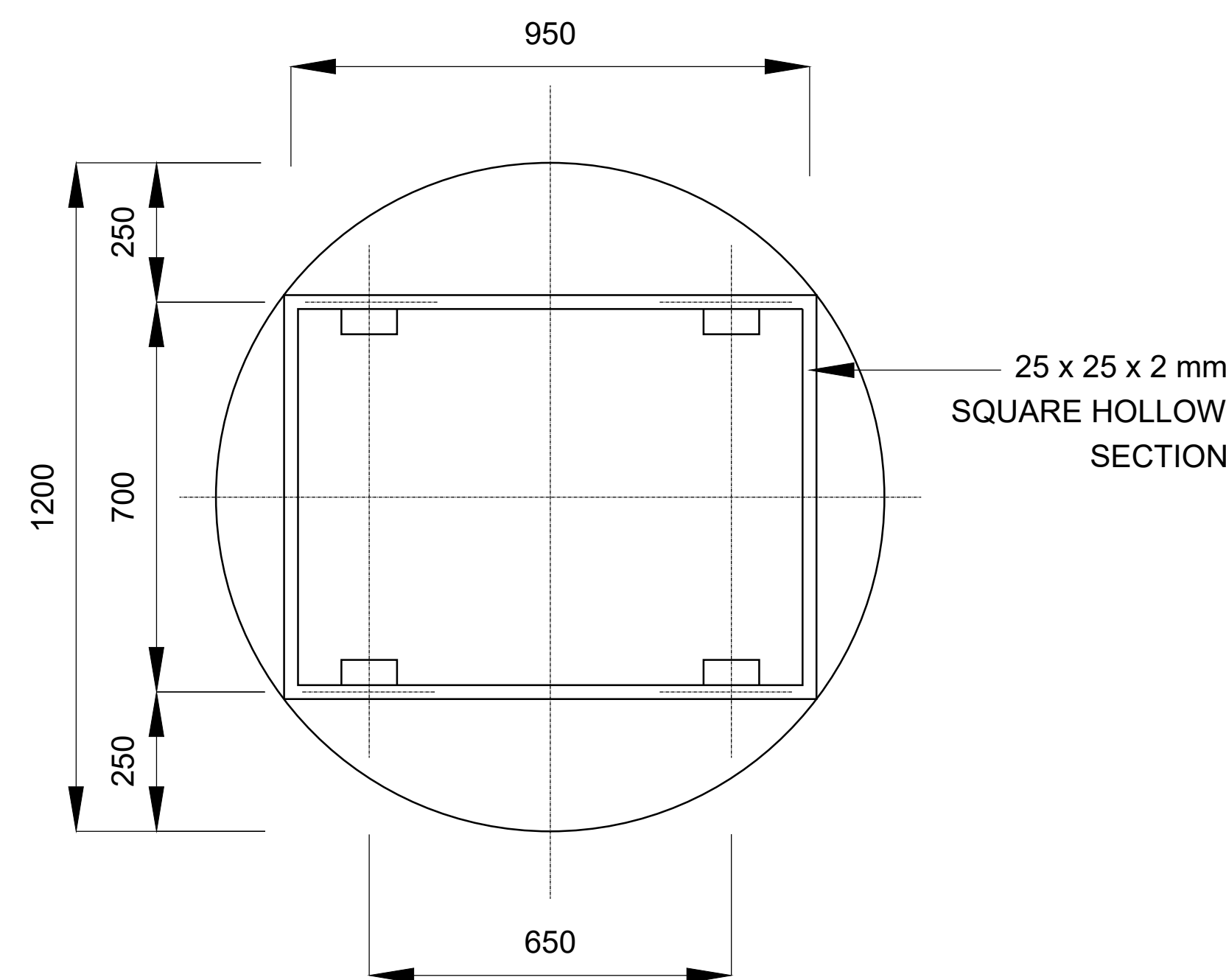


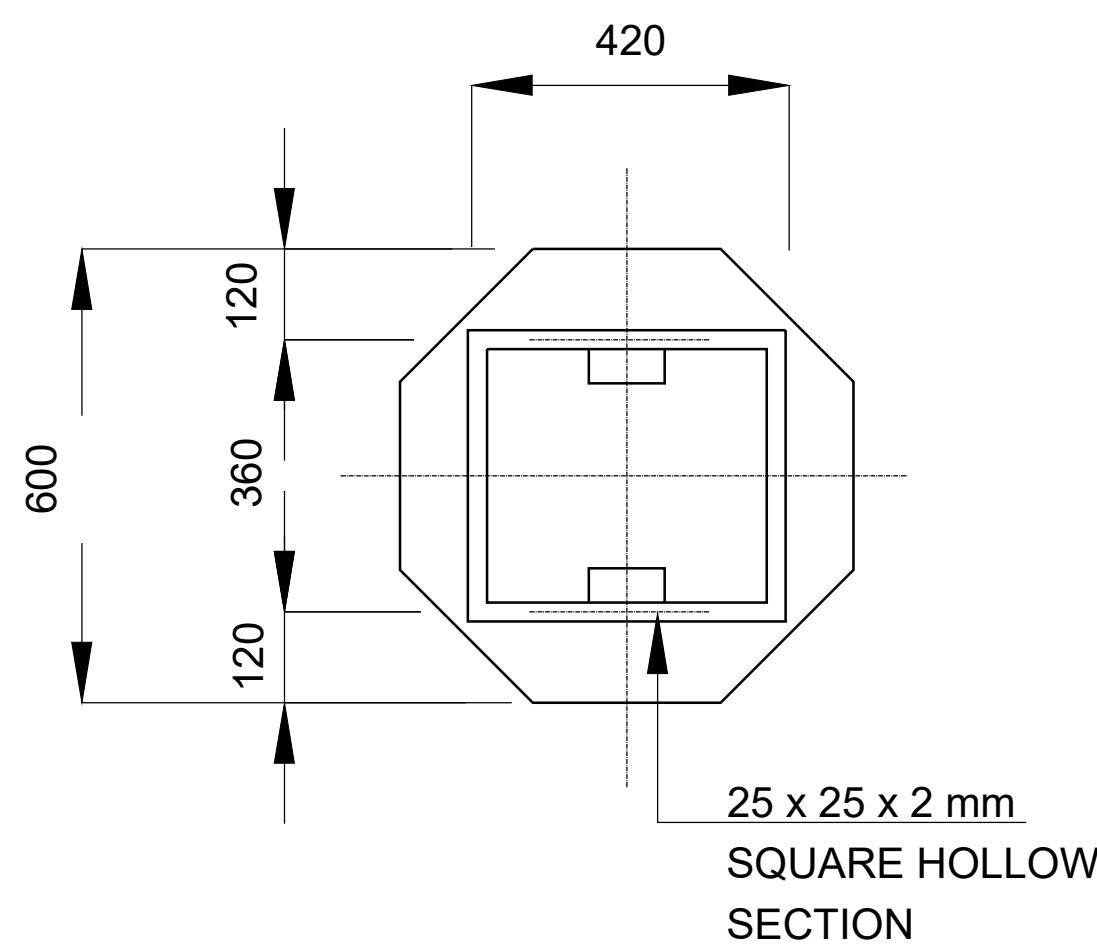
SINGLE SUPPORT  
N.T.S



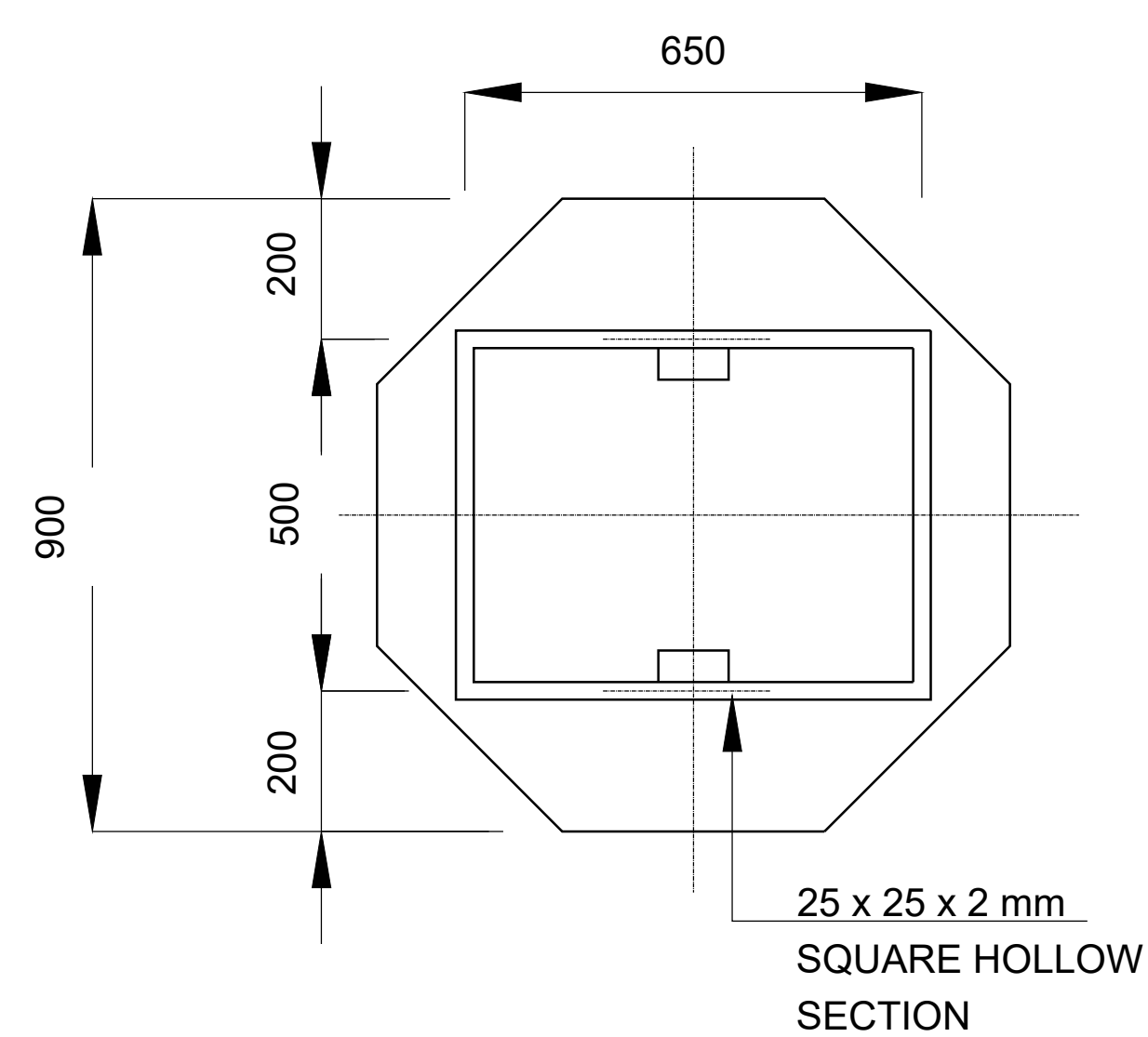
SINGLE SUPPORT  
N.T.S  
REINFORCEMENT FOR CIRCULAR ROAD SIGNS  
N.T.S



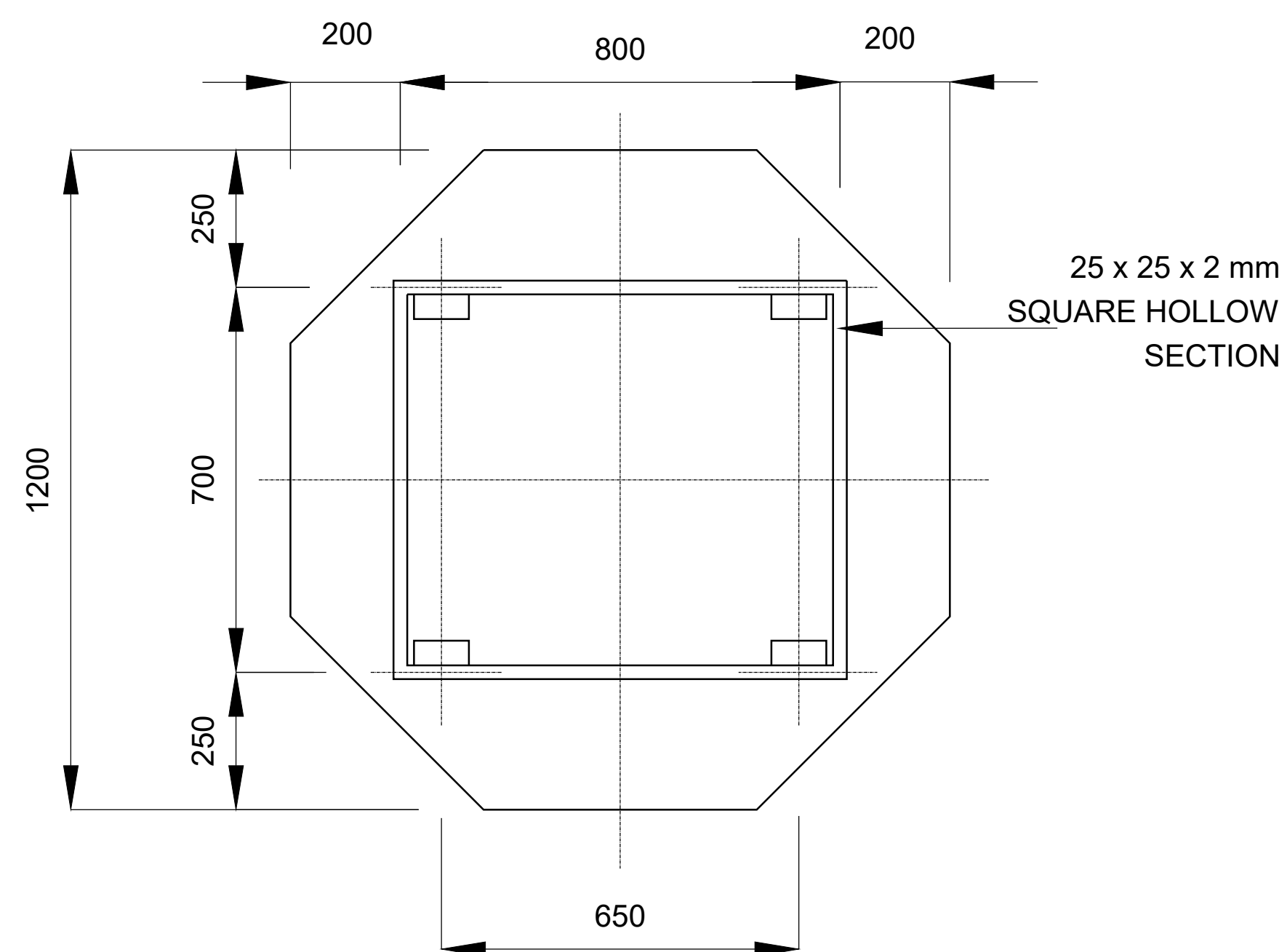
DOUBLE SUPPORT  
N.T.S



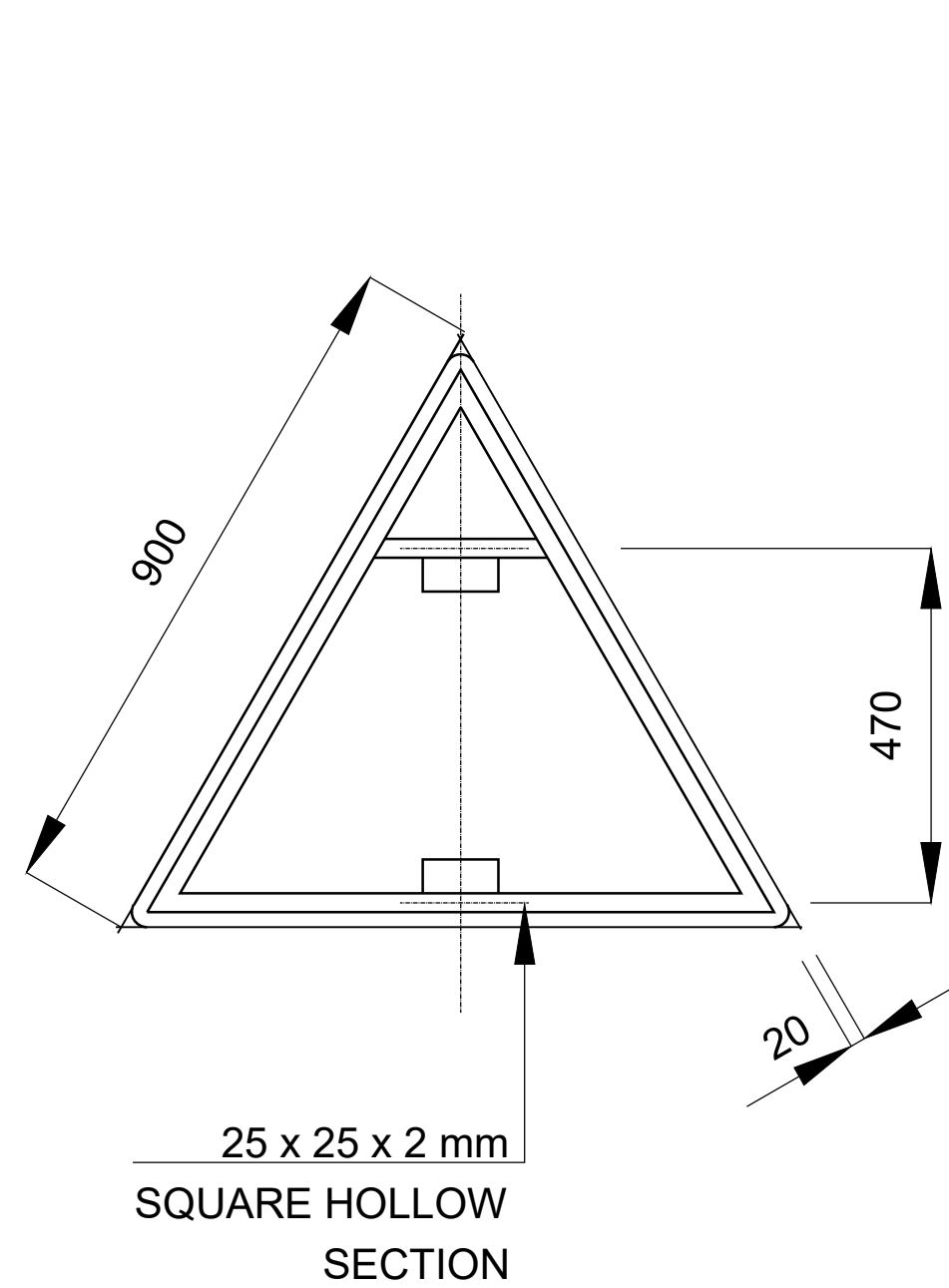
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N.T.S



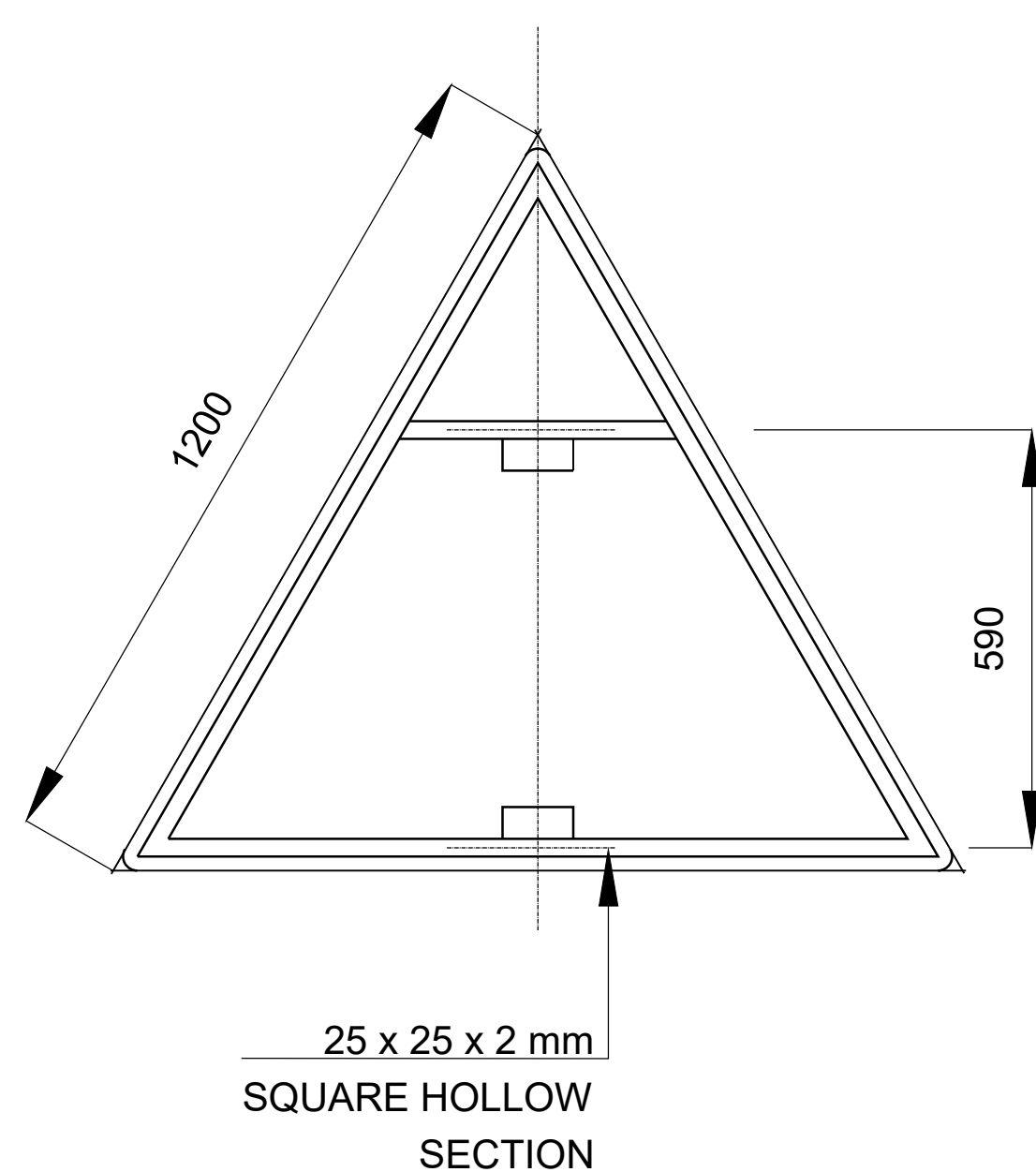
SINGLE SUPPORT  
N.T.S  
REINFORCEMENT FOR STOP SIGNS  
N.T.S



DOUBLE SUPPORT  
N.T.S

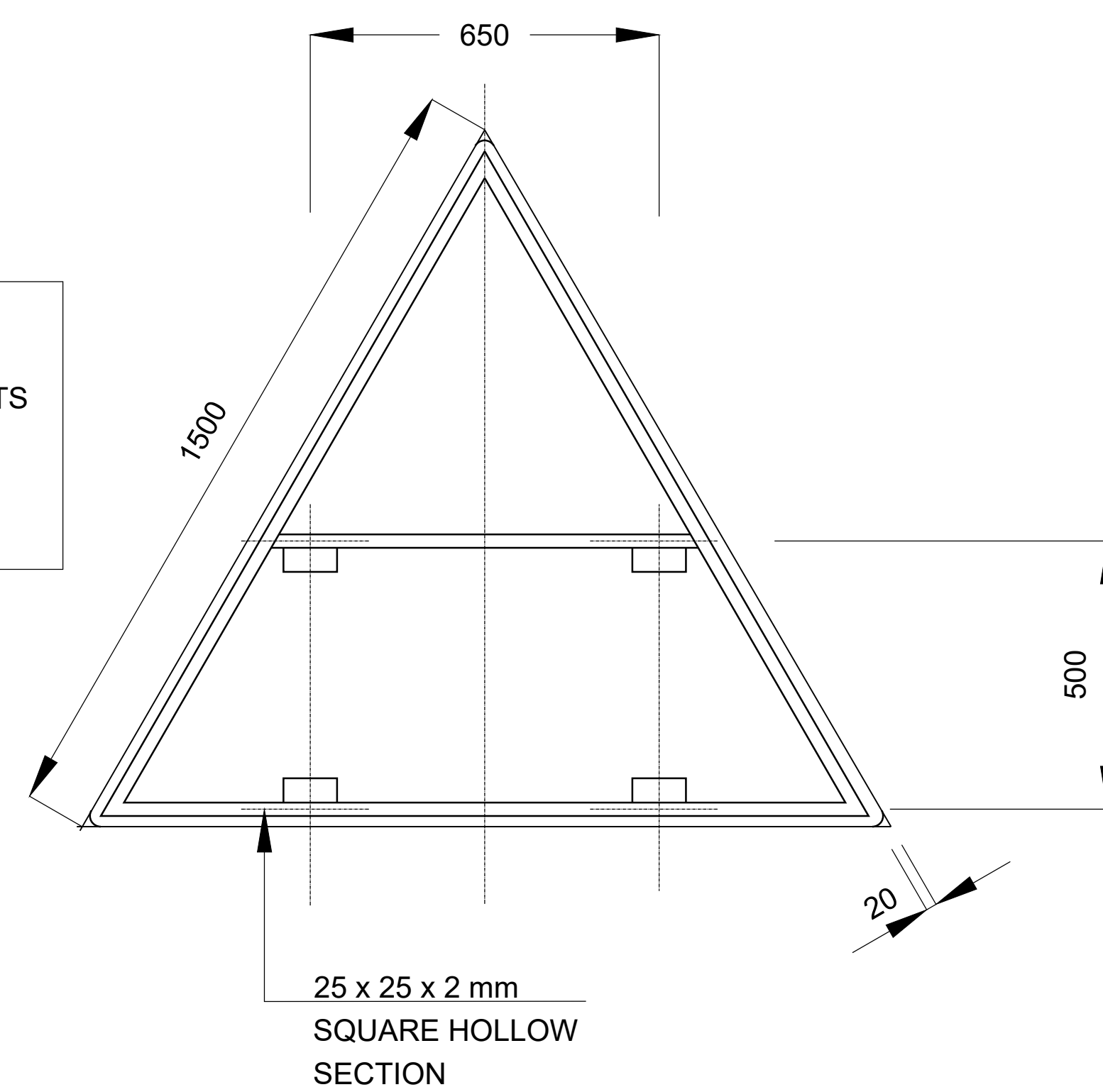


SINGLE SUPPORT  
N.T.S



SINGLE SUPPORT  
N.T.S  
REINFORCEMENT FOR TRIANGULAR ROAD SIGNS  
N.T.S

NOTE:  
MINIMUM SIZE FOR  
ERECTION BRACKETS  
ON R/W SIGNS :  
L 45 x 45 x 6  
LENGTH : 100 mm



DOUBLE SUPPORT  
N.T.S

MINIMUM REGULATORY SIGN SIZES			
	OPERATING SPEED (km/h)		
	100 - 120	70 - 90	60
CIRCULAR SIGN DIAMETER (mm)	1200	900	600
RECTANGULAR SIGN WxH (mm)	1200 x 900	900 x 675	600 x 450
TRIANGULAR SIGN SIDE LENGTH (mm)	1500	1200	900

ADVANCE WARNING SIGN LOCATION AND SIZE		
OPERATING SPEED (km/h)	LOCATION (DISTANCE FROM HAZARD) (m)	SIZE (mm)
120	330	1500
100	240	1500
80	160	1200
60	120	900

- NOTES :
- THE ROAD SIGN FACES SHALL BE MANUFACTURED AND ERECTED IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS :
- DETAILS ON THIS DRAWING ARE APPLICABLE TO ROAD SIGNS SMALLER THAN 1,5 m<sup>2</sup> REQUIRING DOUBLE / SINGLE SUPPORTS.
  - STRUCTURAL STEEL SECTIONS SHALL BE MILD STEEL CONFORMING TO THE REQUIREMENTS OF SANS 1431, GRADE 300W. RECTANGULAR HOLLOW SECTION AND SPECIAL CHANNEL PROFILES MAY BE COLD FORMED OF COMMERCIAL QUALITY MILD STEEL. ALL SECTIONS SHALL BE HOT-DIP GALVANISED IN ACCORDANCE WITH THE REQUIREMENTS OF SANS 121 : 2000 (ISO 1461 : 1999).

FOR TENDER  
(FOR TENDER PURPOSES ONLY)

			CONSTRUCTION RECORD (AS-BUILT)		DESIGNED BY		CONSULTANT APPROVAL		HEAD OFFICE		EASTERN REGION		ACCEPTANCE		PROJECT DESCRIPTION		PROJECT NUMBER	
			WORKS CONTRACT ENGINEER		NAME		NAME		48 Tambotie Avenue Val de Grace Pretoria 0184		58 Van Eck Place Mkondeni 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		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	
			SANRAL PROJECT MANAGER		Prof. Reg. No.		Prof. Reg. No.		PO Box 415 Pretoria 0001 South Africa		PO Box 100410 Scottsville 3209		for the SA NATIONAL ROADS AGENCY SOC LTD.		ROAD SIGNS SMALLER ROAD SIGNS ATTACHMENT AND FIXING DETAILS SHEET 2 OF 2		DRAWING LOCATION DATA	
			Name		Name		Name		Tel: (012) 844 8000		Tel: (033) 392 8100		Date		SCALE : N.T.S		START	
			Date		Date		Date								SHEET 7 OF 10		END	
			1 23/10/09 ORIGINAL		1 23/10/09 ORIGINAL		1 23/10/09 ORIGINAL										SECTION 30	
			No. DATE REVISION		No. DATE REVISION		No. DATE REVISION										SECTION 30	
																	km 47.0	
																	km 55.0	
																	DRAWING DISTANCE	
																	DRAWING TYPE	
																	ROAD SIGNS	
																	ATTACHMENT AND FIXING DETAILS SHEET 2 OF 2	
																	BRIDGE/STRUCTURE No.	
																	N/A	
																	TP2113-T-126	
																	SANRAL DOCUMENT #	
																	VER	
																	1	