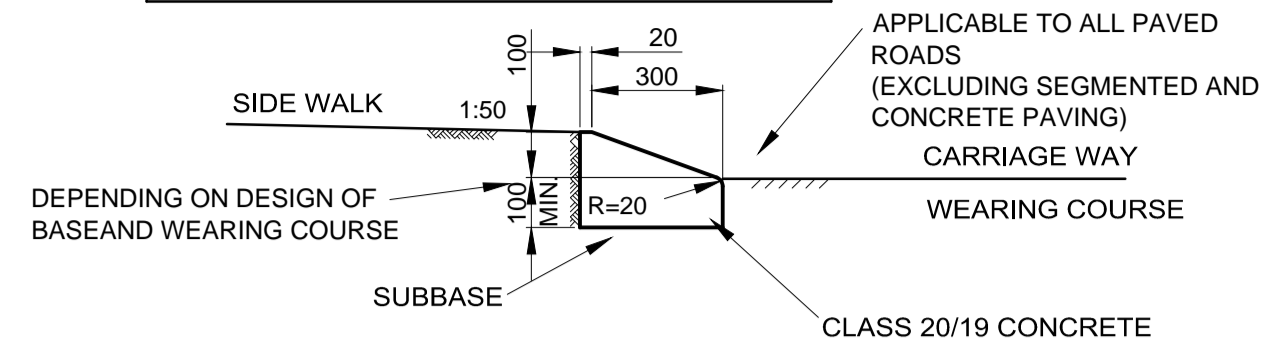
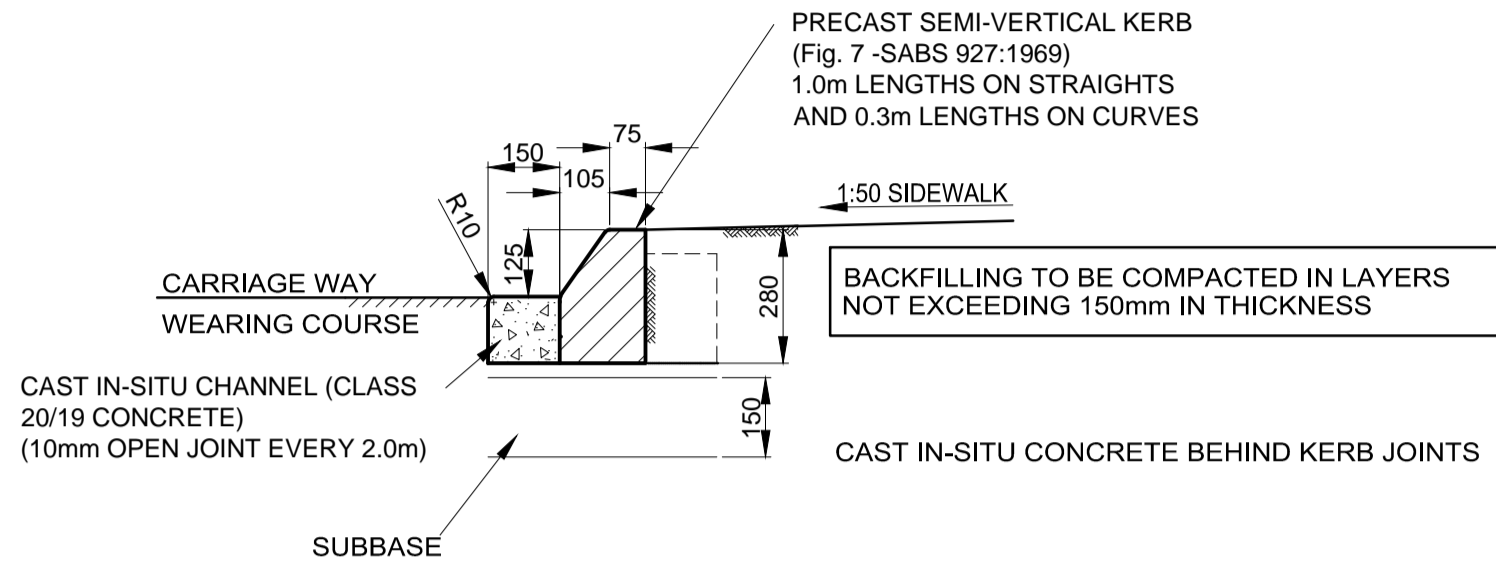


- KERBS - GENERAL**
 - Refer to Table A for the usage of kerbs
 - Also refer to Section 503 of the Standard Specifications for Municipal Civil Engineering Works, 3rd Edition, 2005.
 - CAST IN-SITU CONCRETE**
 - Concrete to be class 20/19, class U2 finish or as specified by engineer.
 - Concrete to be cured for a minimum period of 7 days. also see section 704 of SSMCEW 3rd edition.
 - ALL CONCRETE TO BE USED FOR SLOPING KERBS OR EDGE BEAMS SHALL HAVE A SLUMP NOT GREATER THAN 60mm.**
 - Where there is a difference between the top of the subbase and the bottom of the cast in-situ kerbs of less than 75mm, such difference shall be made up with the same concrete as specified for the kerb, otherwise compacted subbase material shall be used.**
 - The use of a machine to place cast in-situ kerbs must first be approved by the Engineer.**
- PRECAST KERBS**
 - All precast kerbs shall comply with the requirements of SANS 927.
 - The bedding material on which precast kerbing is constructed shall be according to the Standard Specification for Municipal Civil Engineering Works, 3rd Edition, 2005.

ALL EDGES TO BE ROUNDED TO R12 UNLESS OTHERWISE INDICATED



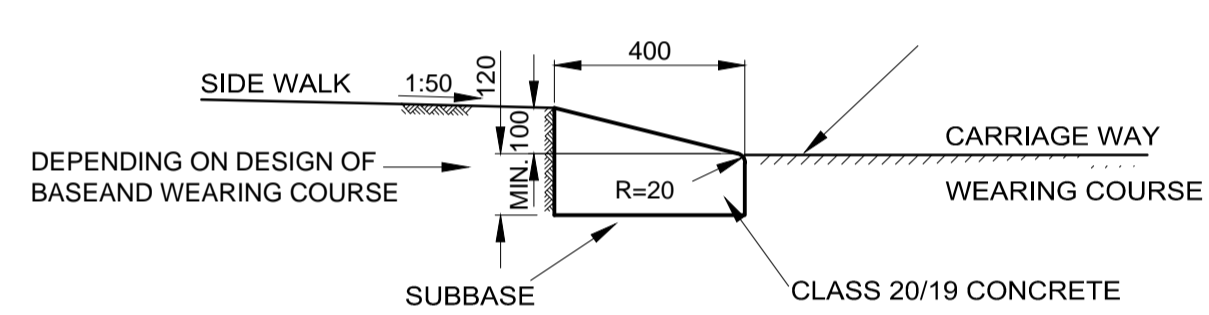
300 SLOPING KERB



SEMI-VERTICAL KERB WITH CHANNEL

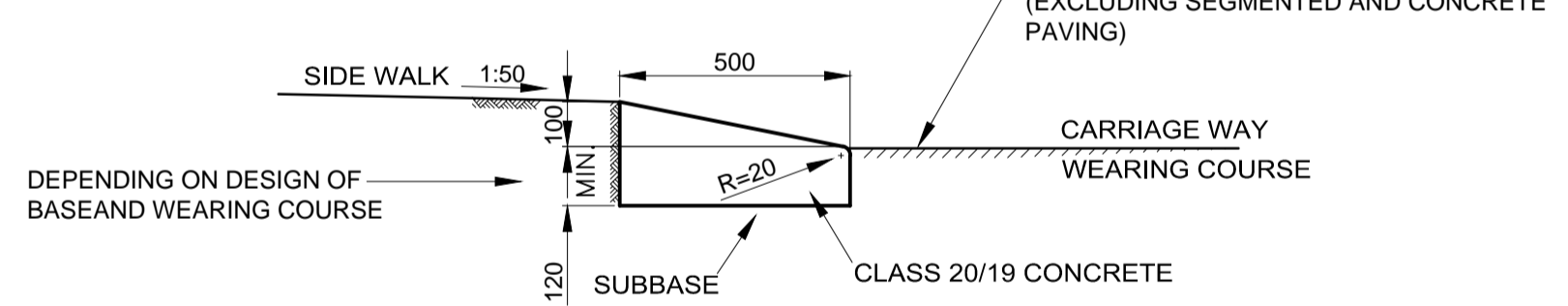
(FIG. 7 - SABS 927:1969)

ALL EDGES TO BE ROUNDED TO R12 UNLESS OTHERWISE INDICATED.

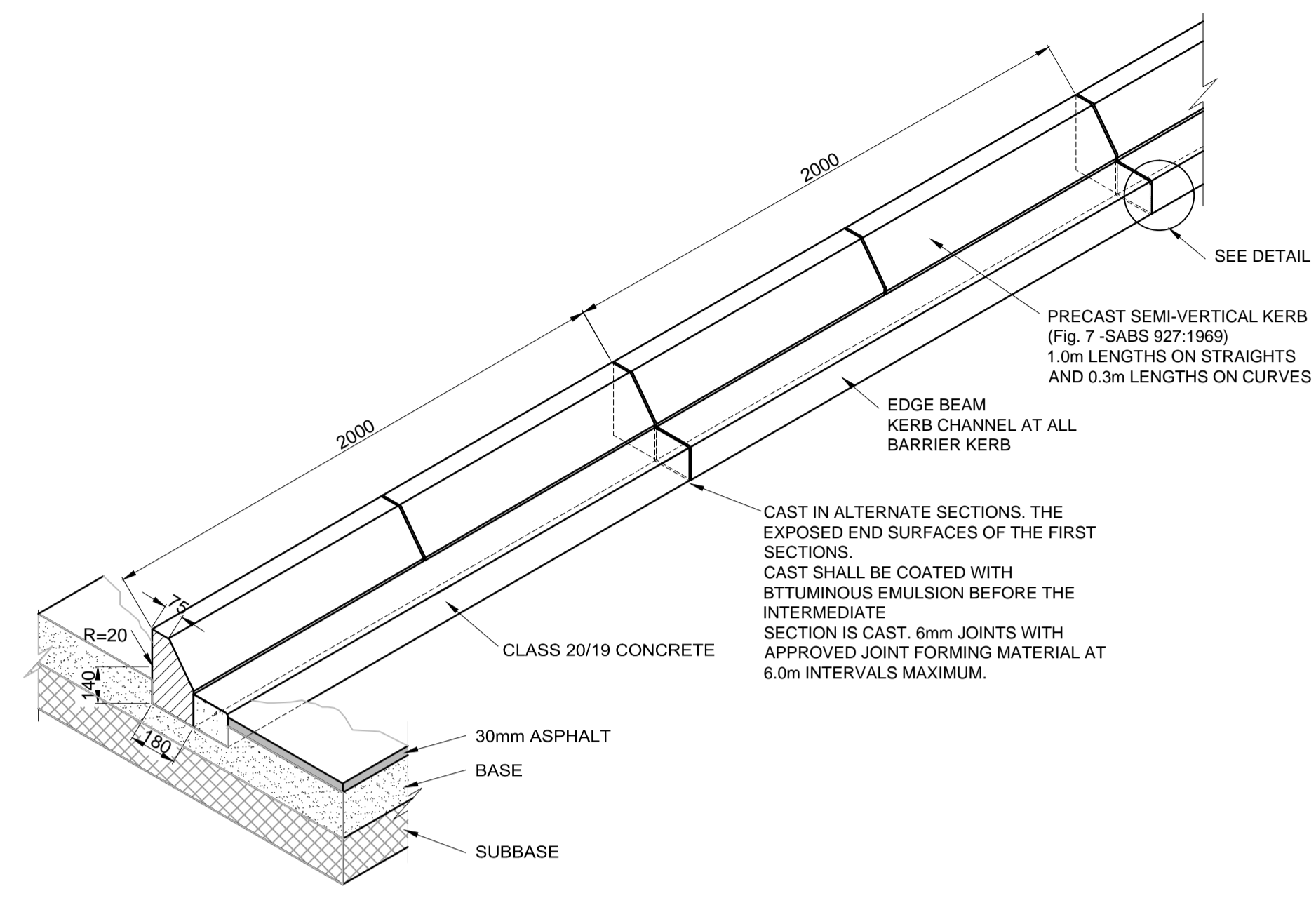


400 SLOPING KERB

ALL EDGES TO BE ROUNDED TO R12 UNLESS OTHERWISE INDICATED.

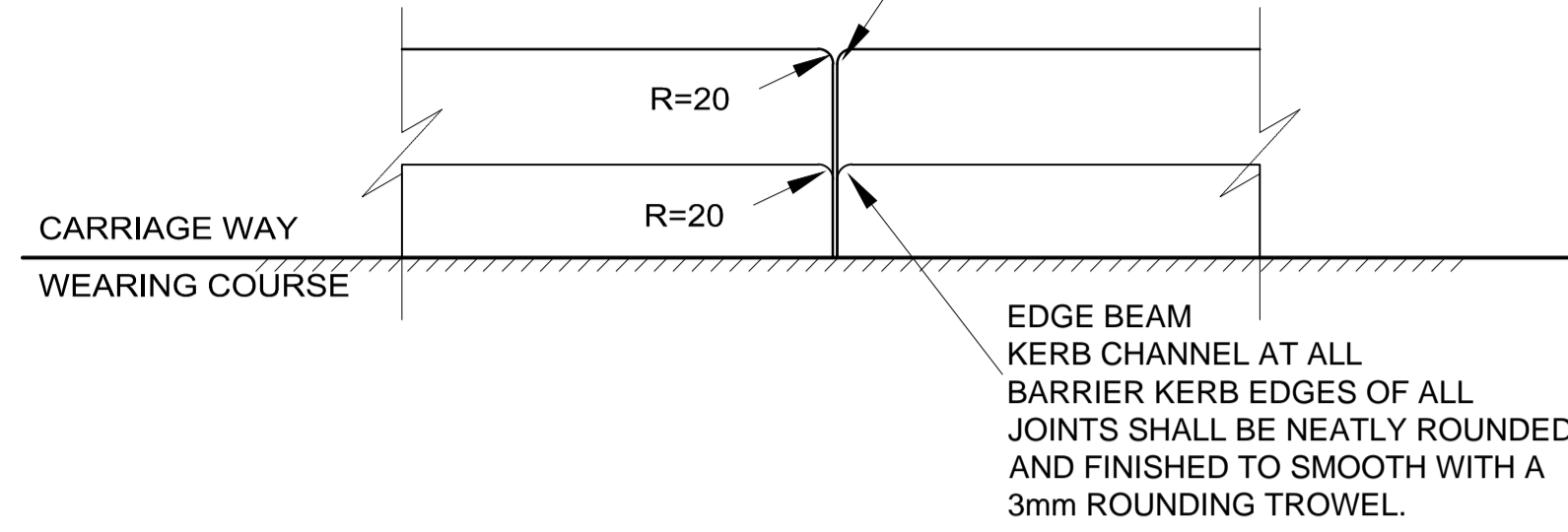


500 SLOPING KERB



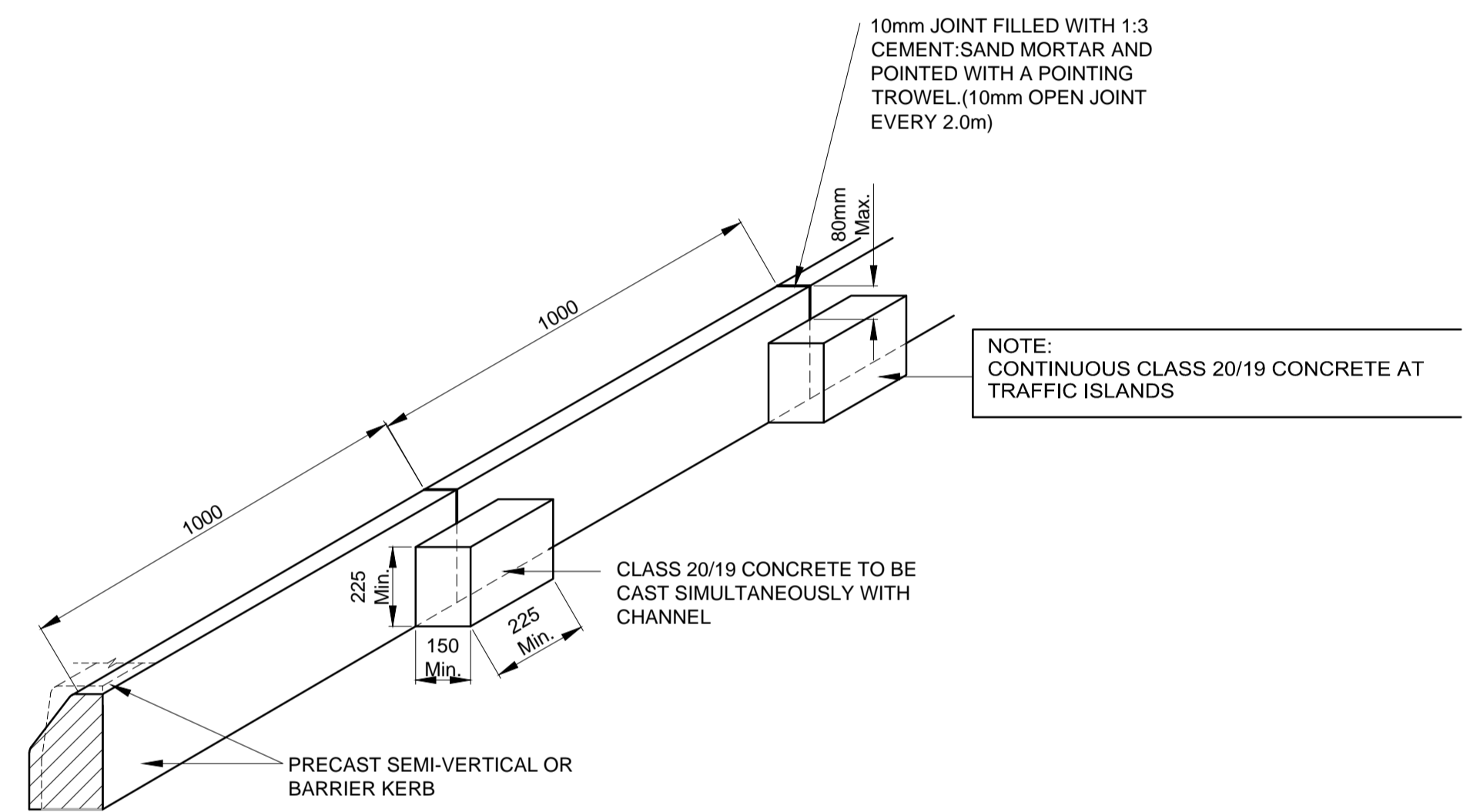
CAST IN-SITU DETAIL

SCALE 1: 20

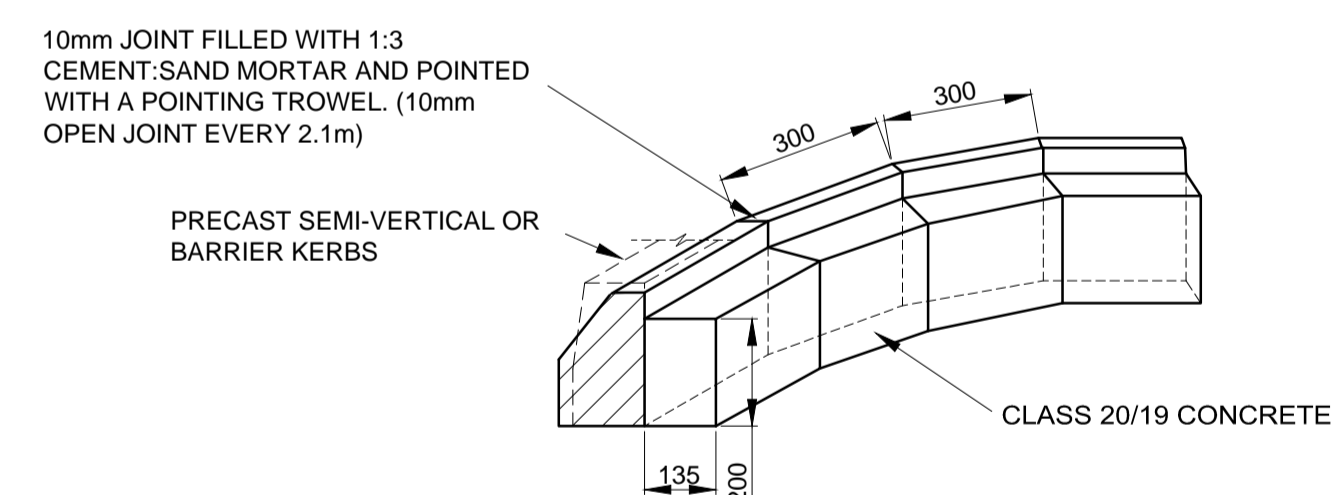


DETAIL 1

SCALE 1: 20

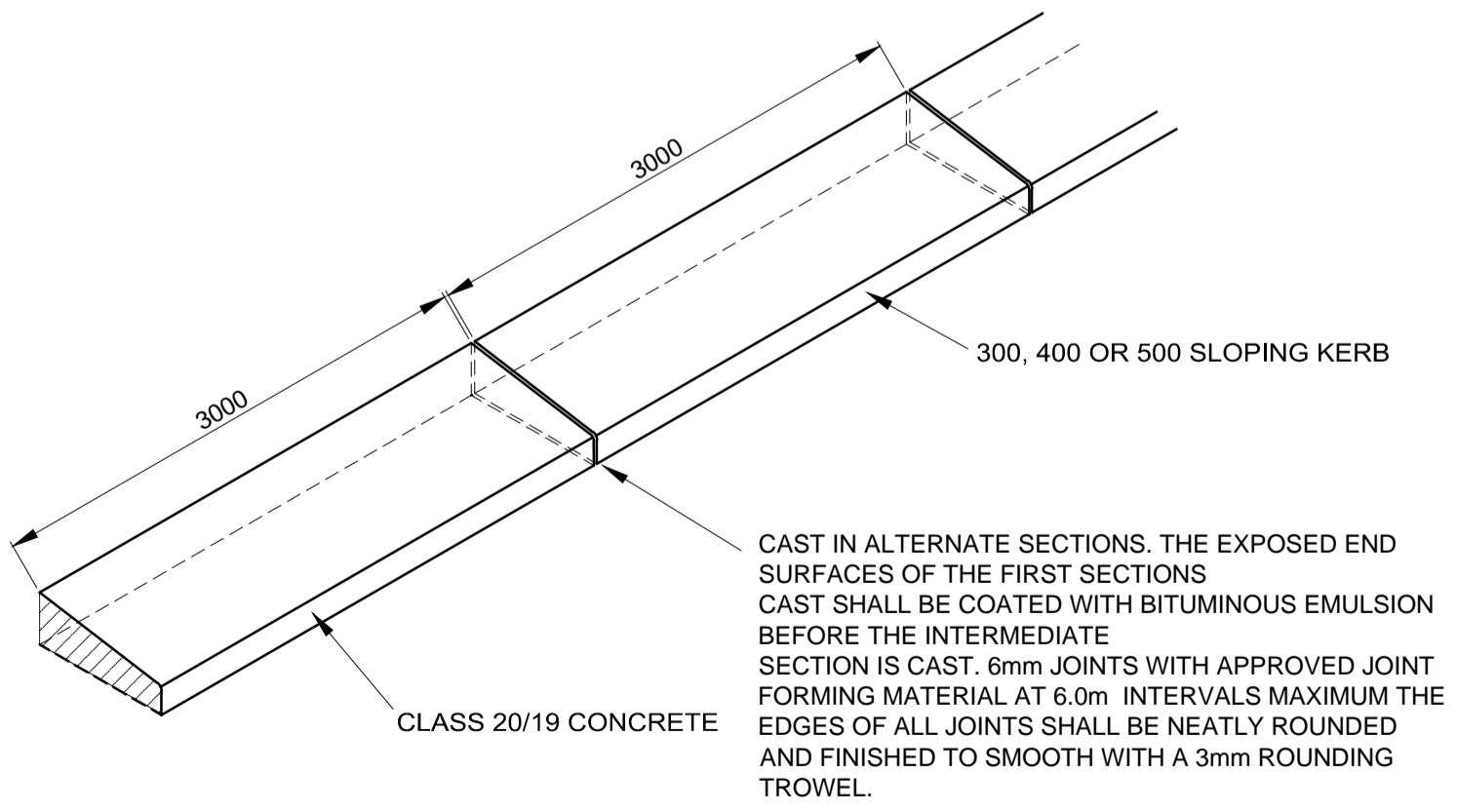


SEMI-VERTICAL / BARRIER KERBS ALONG STRAIGHT SECTIONS

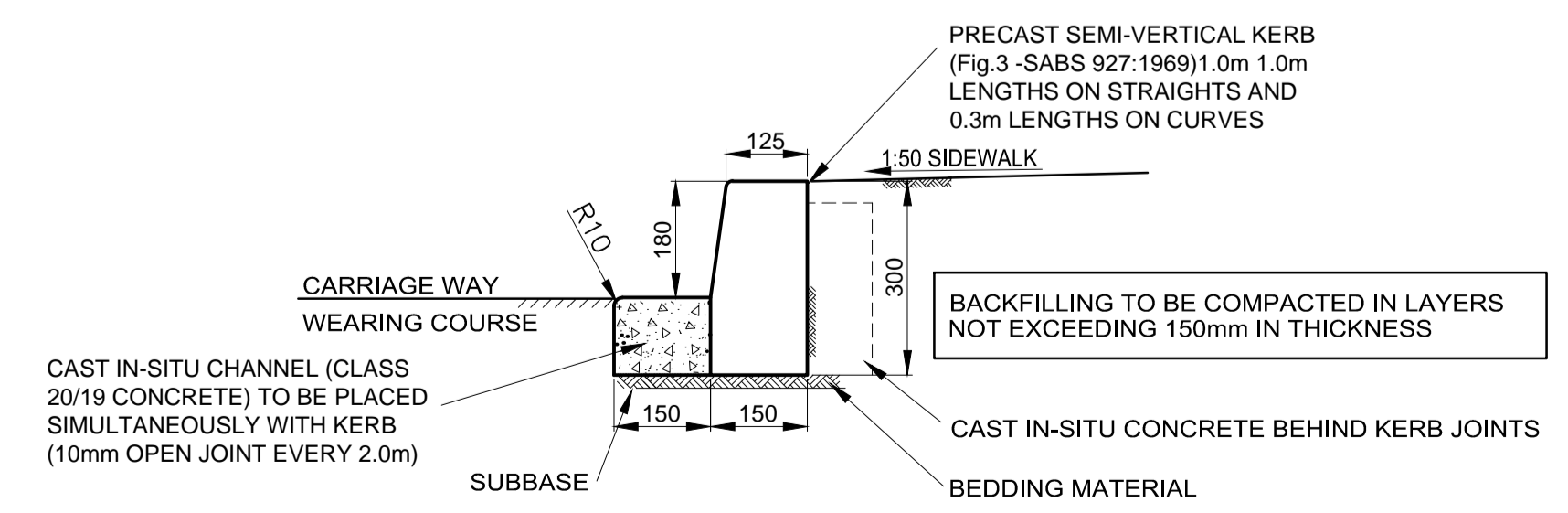


SEMI-VERTICAL / BARRIER KERBS ON CURVED SECTIONS

(Note: To be used up to and including a 15m Radius)



DETAIL OF SLOPING KERB



BARRIER KERB WITH CHANNEL

(FIG. 3 - SABS 927:1969)

TABLE A: KERBS TO BE USED FOR ROAD CONSTRUCTION

APPLICATION	TYPE OF KERB					
	300 Sloping Kerb	400 Sloping Kerb	500 Sloping Kerb	Edge Beam	Semi-vertical Kerb (Fig.7) with channel	Barrier Kerb (Fig.3) with channel
Roads up to 5m wide.	⊗			⊗ (See Note 1.)		
Straights and curves	⊗					
Bellmouths (See Note 2 at the bottom)	⊗					
Road wider than 5m and up to 6m wide.		⊗		⊗ (See Note 1.)		
Straights and curves		⊗				
Bellmouths (See Note 2 at the bottom)		⊗				
Road wider than 6m			⊗		⊗	
Straights and curves			⊗			
Bellmouths (See Note 2 at the bottom)			⊗		⊗	
Bus and Taxi bays.						⊗
Where vehicles crossing the kerb is discouraged.					⊗	
Where vehicles crossing the kerb is prohibited.						⊗
Joint between asphalt and block paving				⊗		
Temporarily edge restraint in asphalt paving to be removed when road is extended.				⊗		

NOTES: 1) An edge beam shall be constructed on the high side of roads with a single cross-fall.
2) At the intersection of roads with different road widths, the bellmouths shall be constructed with kerbs prescribed for the bellmouths of the wider roads.



AMENDMENTS				
NR.	DATE	APPROVED	DESCRIPTION	PAR.

DESIGNED P.A. ODENDAAL Pr.Eng.	DRAWN S. AUDIE
SIGNATURE	DATE
DESIGN CHECKED BY L.G. JOHANNES Pr. Eng.	INFRASTRUCTURE TECHNICAL INFORMATION MANAGEMENT D.J. CHALMERS
SIGNATURE	DATE

CITY OF TSHWANE
ROADS AND TRANSPORT DEPARTMENT

Mr P. Letlankane
GROUP HEAD

Ms. L. V. Kegakwe-Piki
EXECUTIVE DIRECTOR

P.O. BOX 1409
PRETORIA 0001

DRAWING APPROVED BY EXECUTIVE DIRECTOR
Ms. L. V. Kegakwe-Piki

SIGNATURE: _____ DATE: _____

TYPICAL STANDARD DETAILS

KERBING DETAILS
SLOPING KERB, SEMI-VERTICAL KERBS AND EDGE BEAM

CONTRACT NO.:	PROJECT NO.:
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DATE: JANUARY 2018	SCALE: AS SHOWN	ORIGINAL PAPER SIZE: A1
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