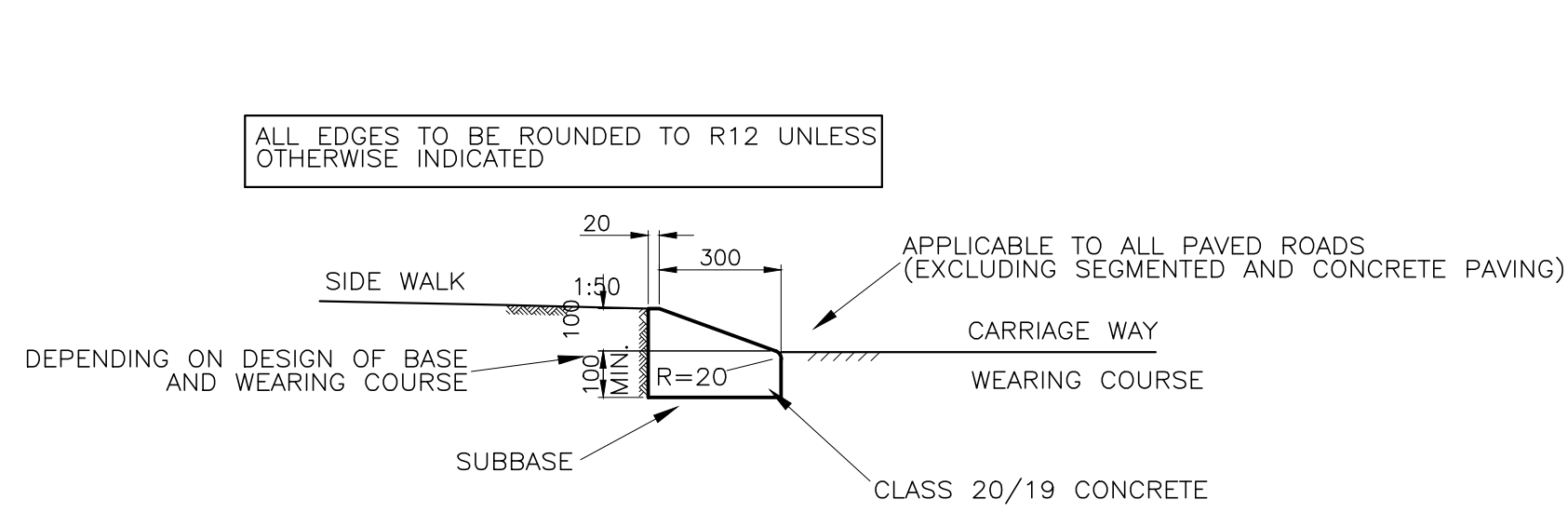
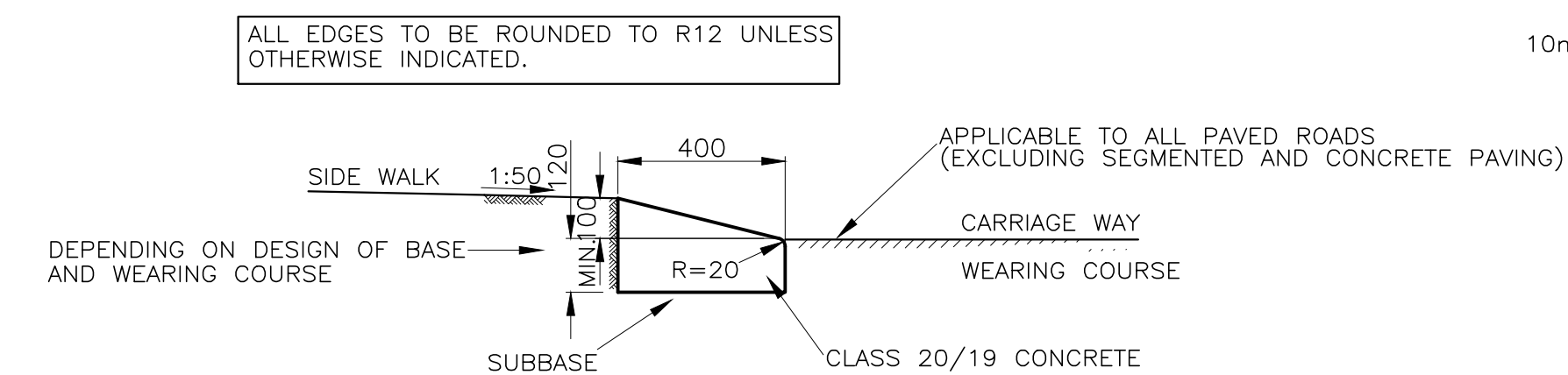


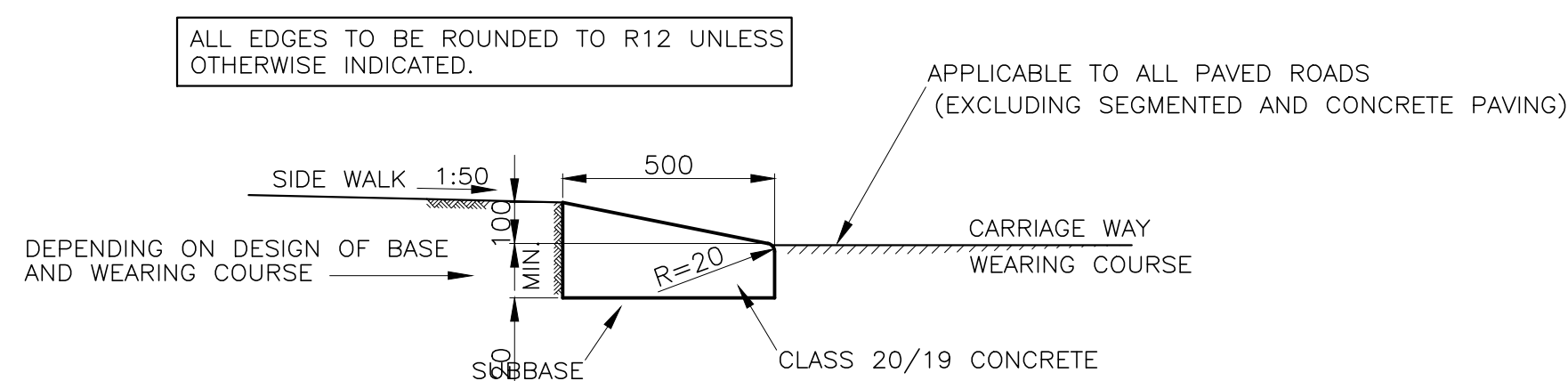
- 1. KERBS - GENERAL**
- 1.1 Refer to Table A for the usage of kerbs
 - 1.2 Also refer to Section 503 of the Standard Specifications for Municipal Civil Engineering Works, 3rd Edition, 2005.
- 2. CAST IN-SITU CONCRETE**
- 2.1 Concrete to be class 20/19.
 - 2.2 Concrete to be cured for a minimum period of 7 days.
 - 2.3 All concrete to be used for sloping kerbs or edge beams shall have a slump not greater than 60mm.
 - 2.4 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.
 - 2.5 The use of a machine to place cast in-situ kerbs must first be approved by the Engineer.
- 3. PRECAST KERBS**
- 3.1 All precast kerbs shall comply with the requirements of SANS 927.
 - 3.2 The bedding material on which precast kerbing is constructed shall be according to the Standard Specification for Municipal Civil Engineering Works, 3rd Edition, 2005.



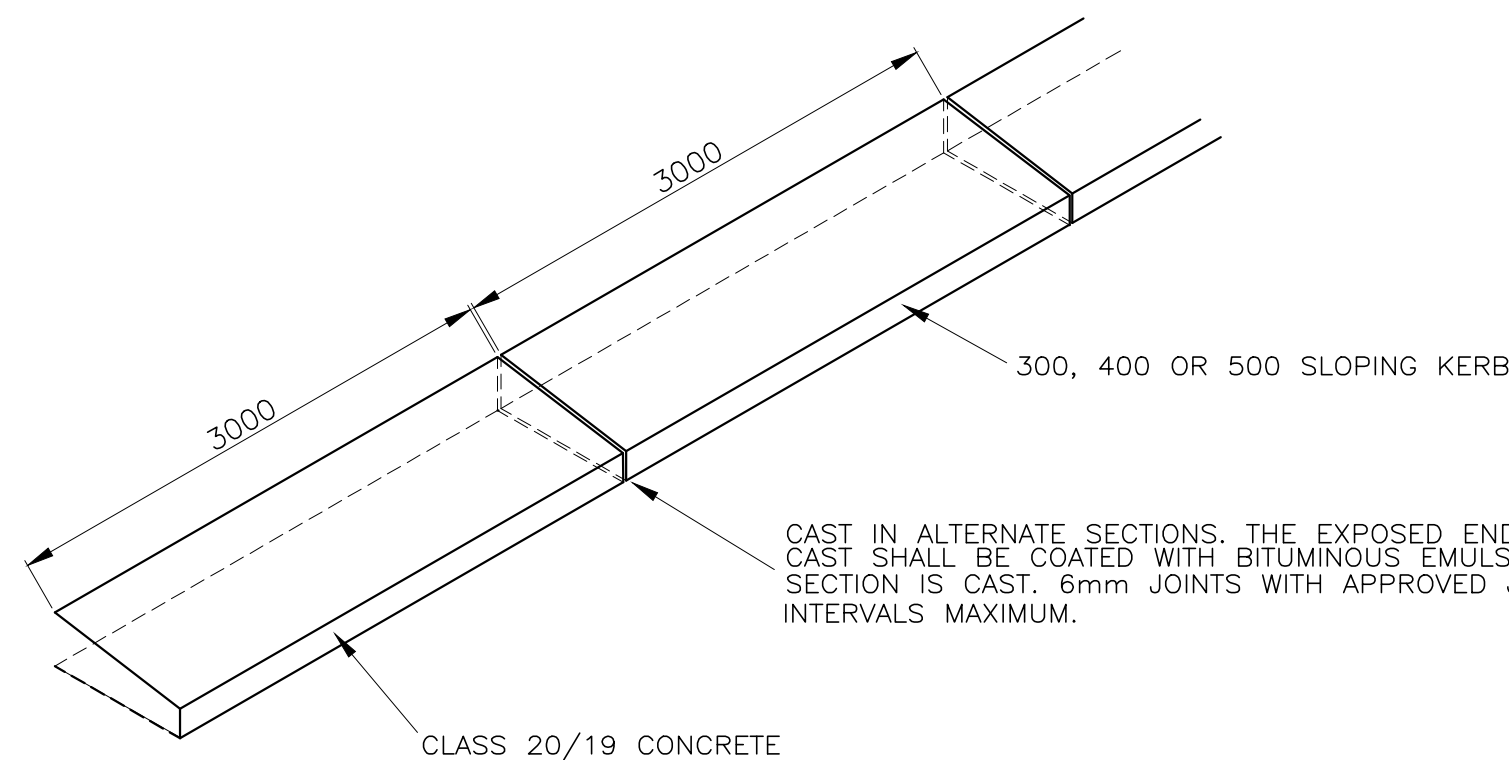
300 SLOPING KERB



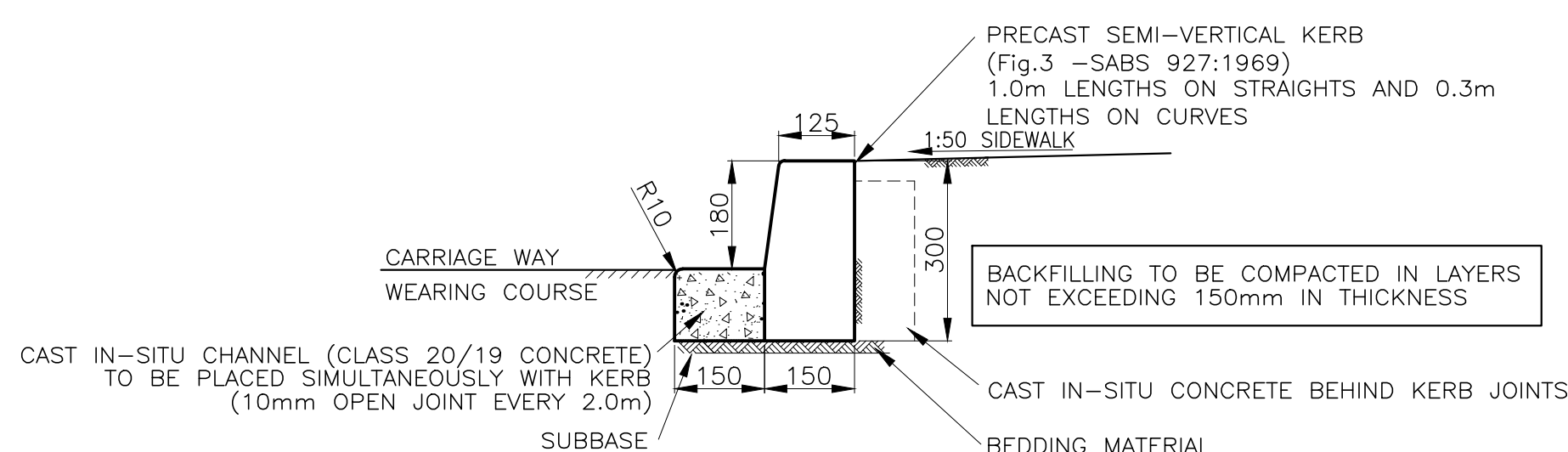
400 SLOPING KERB



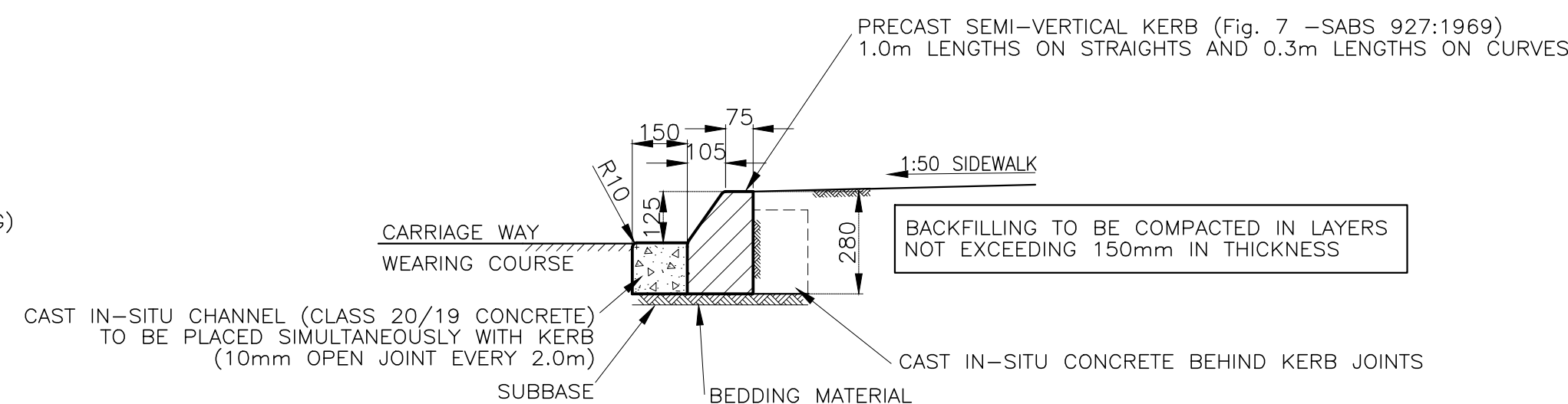
500 SLOPING KERB



DETAIL OF SLOPING KERB

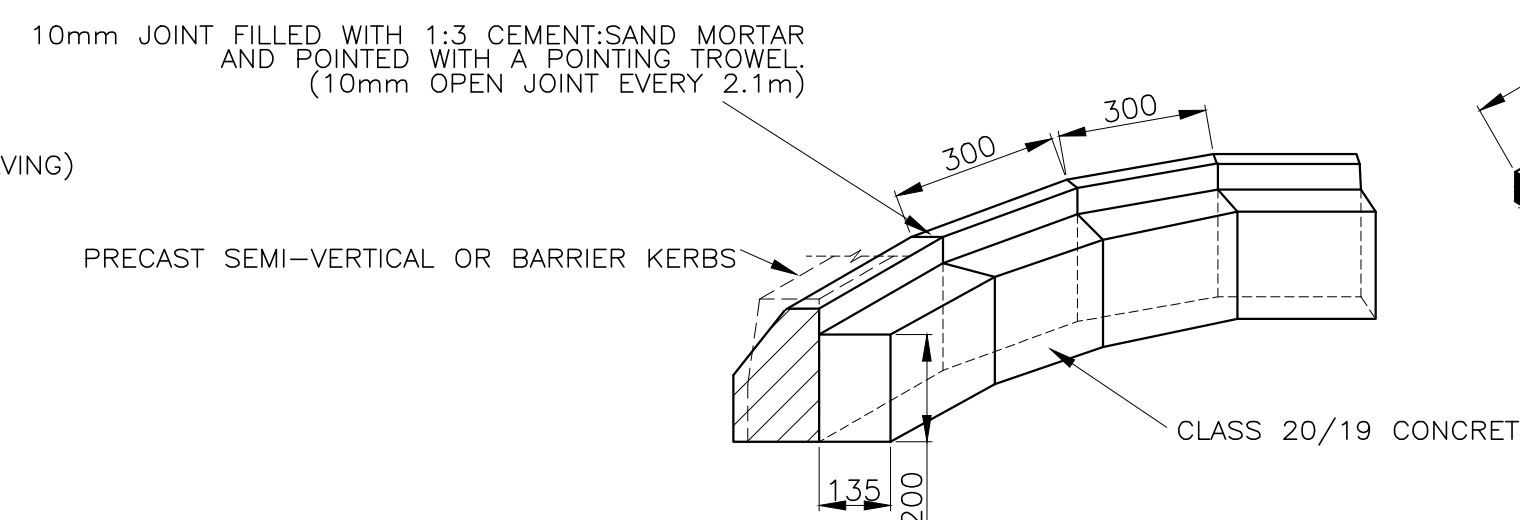


BARRIER KERB WITH CHANNEL (FIG. 3 - SABS 927:1969)



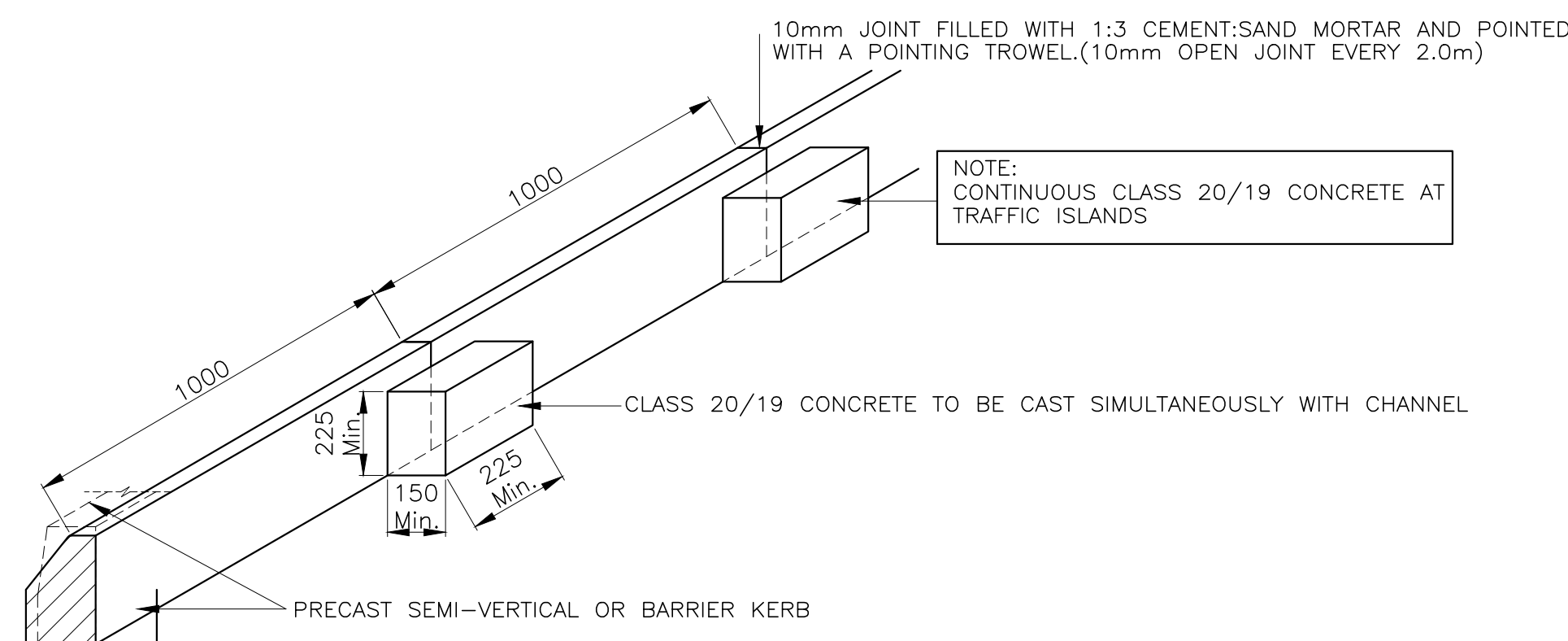
SEMI-VERTICAL KERB WITH CHANNEL

(FIG. 7 - SABS 927:1969)

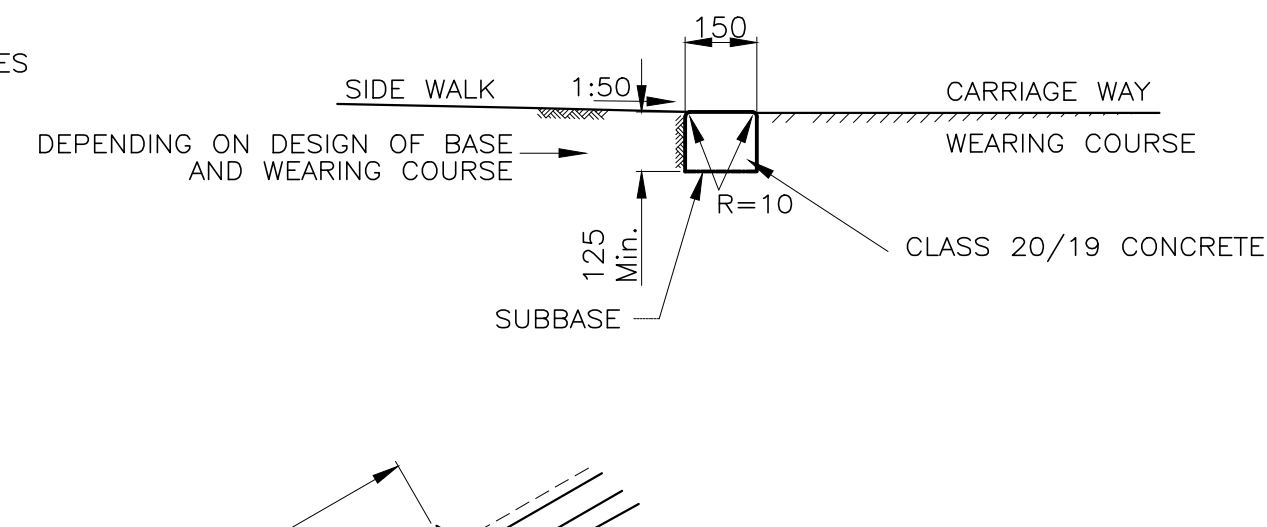


SEMI-VERTICAL / BARRIER KERBS ON CURVED SECTIONS

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



SEMI-VERTICAL / BARRIER KERBS ALONG STRAIGHT SECTIONS



EDGE BEAM

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.)		
Bellmouths (See Note 2 at the bottom)	⊗					
Road wider than 5m and up to 6m wide.		⊗		⊗ (See Note 1.)		
Bellmouths (See Note 2 at the bottom)		⊗				
Road wider than 6m			⊗			
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.

ROADS AND STORMWATER
For Internal Approval

RECEIVED
SIGNATURE: _____ DATE: _____

DIRECTOR: INFRASTRUCTURE PROVISION

RECEIVED
SIGNATURE: _____ DATE: _____

DIRECTOR: INFRASTRUCTURE CONSTRUCTION (PROJECT) MANAGEMENT

RECEIVED
SIGNATURE: _____ DATE: _____

DIRECTOR: INFRASTRUCTURE ASSET MANAGEMENT

RECEIVED
SIGNATURE: _____ DATE: _____

DIRECTOR: TRANSPORT INFRASTRUCTURE PLANNING

RECEIVED
SIGNATURE: _____ DATE: _____

DIRECTOR: INTELLIGENT TRANSPORT SYSTEM AND TRAFFIC ENGINEERING

RECEIVED
SIGNATURE: _____ DATE: _____

DIRECTOR: INFRASTRUCTURE MAINTENANCE MANAGEMENT (IMM)

NR.	DATE	APPROVED	DESCRIPTION	PAR.

DESIGNED: P.A. ODENDAAL Pr.Eng. DATE: _____
DRAWN: S. AUDIE DATE: _____

DESIGN CHECKED BY: L.G. JOHANNES Pr. Eng. DATE: _____
INFRASTRUCTURE TECHNICAL INFORMATION MANAGEMENT: D.J. CHALLMERS DATE: _____

PROJECT STATUS

CONCEPT DRAWING: TENDER DRAWING: APPROVED FOR CONSTRUCTION: AS BUILT DRAWING:

PROJECT ENGINEER (CONSULTANT): _____

INITIALS AND SURNAME: _____ SIGNATURE AND Pr. No.: _____ DATE: _____

INSPECTOR OF WORKS (CITY OF TSHWANE): _____

INITIALS AND SURNAME: _____ SIGNATURE AND Pr. No.: _____ DATE: _____

CONSULTANT DETAIL

CITY OF TSHWANE
ROADS AND TRANSPORT DEPARTMENT

Mr P. I. Lallokane
STRATEGIC EXECUTIVE DIRECTOR
P.O. BOX 1409
PRETORIA 0001

Ms. L. V. Kegakhe-Pik
EXECUTIVE DIRECTOR
P.O. BOX 1409
PRETORIA 0001

DRAWING APPROVED BY EXECUTIVE DIRECTOR
Ms. L. V. Kegakhe-Pik

LOCATION OF PROJECT: _____

TYPICAL STANDARD DETAILS

DESCRIPTION OF PROJECT: _____

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

CONTRACT No.: _____ PROJECT No.: _____

DATE: MAY 2013 SCALE: AS SHOWN ORIGINAL PAPER SIZE: A1

DRAWING NO: **STD007** SHEET NO: 1 OF 2