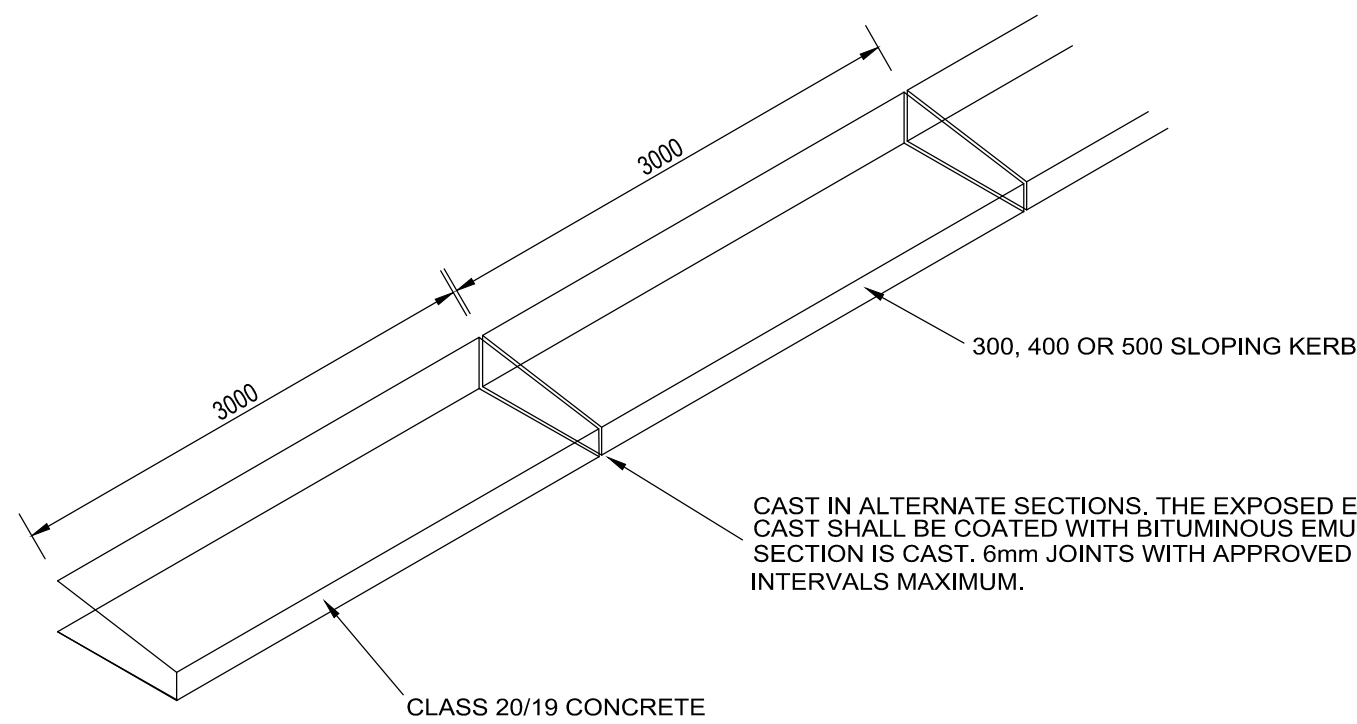
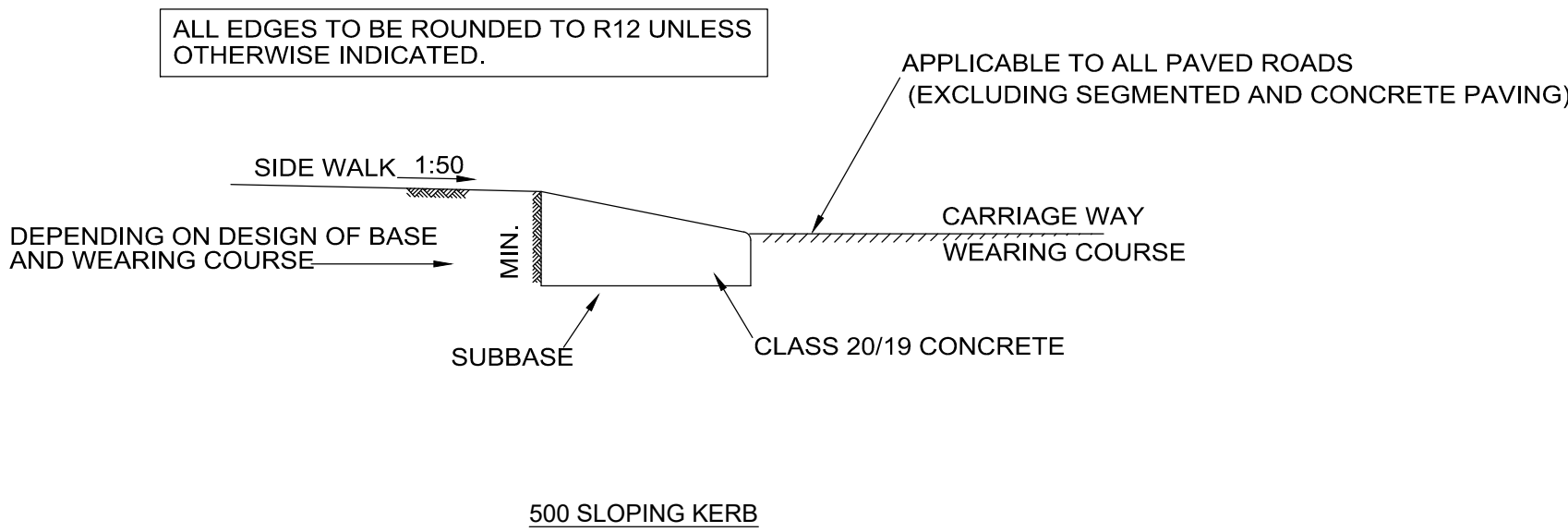
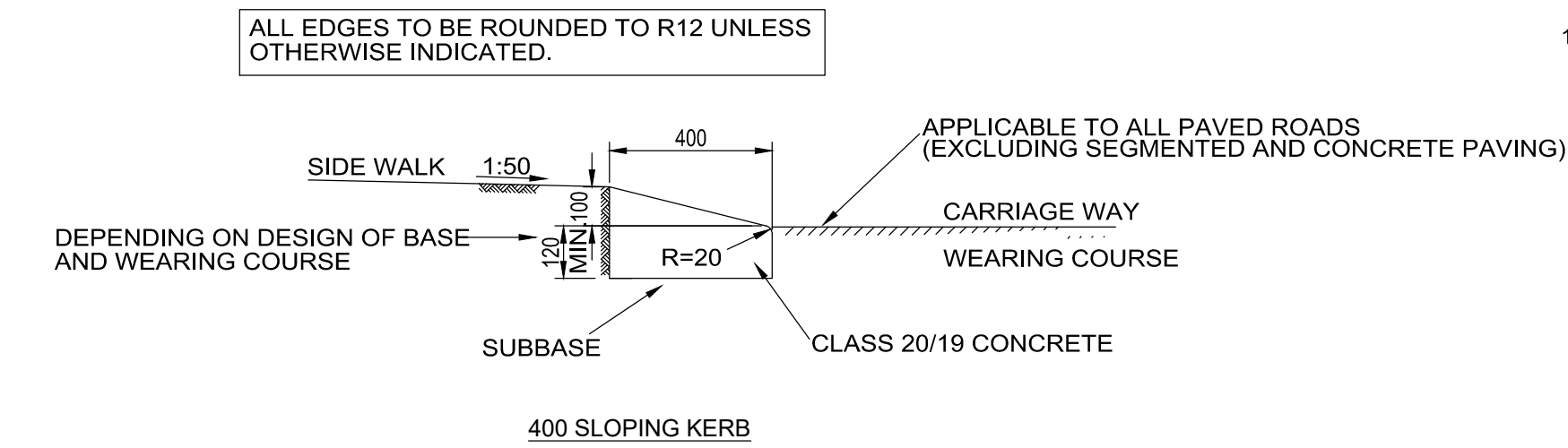
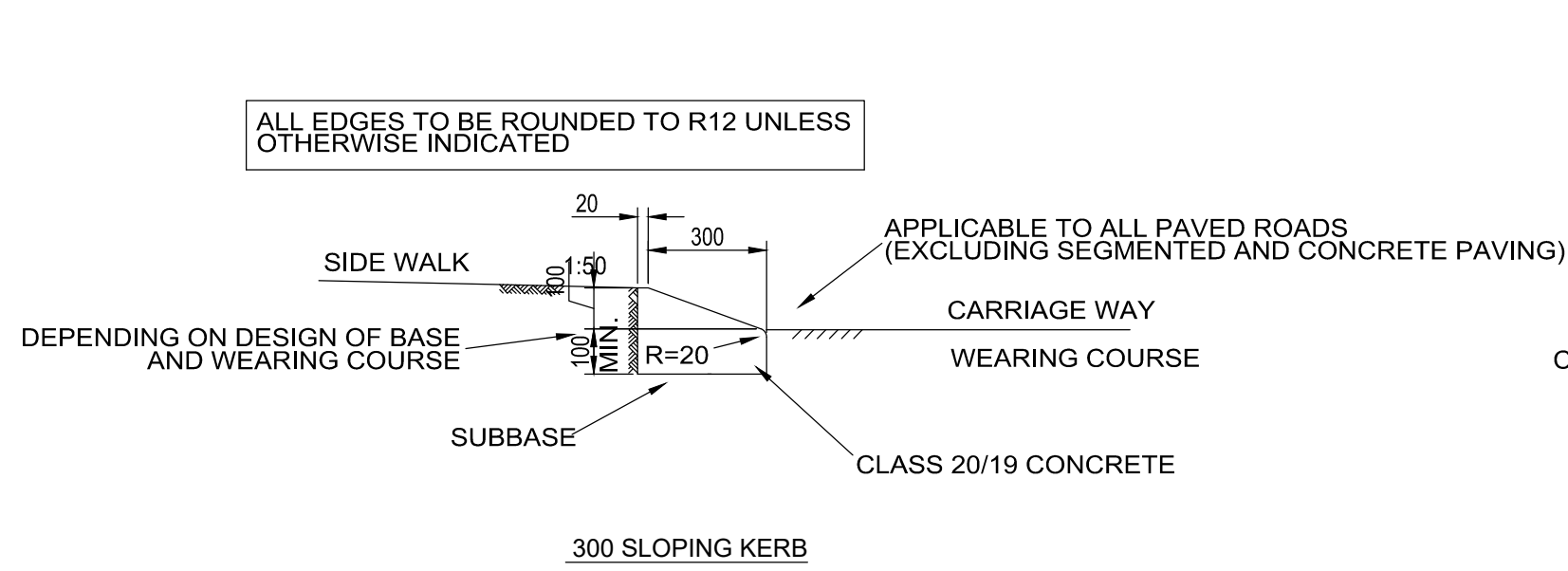
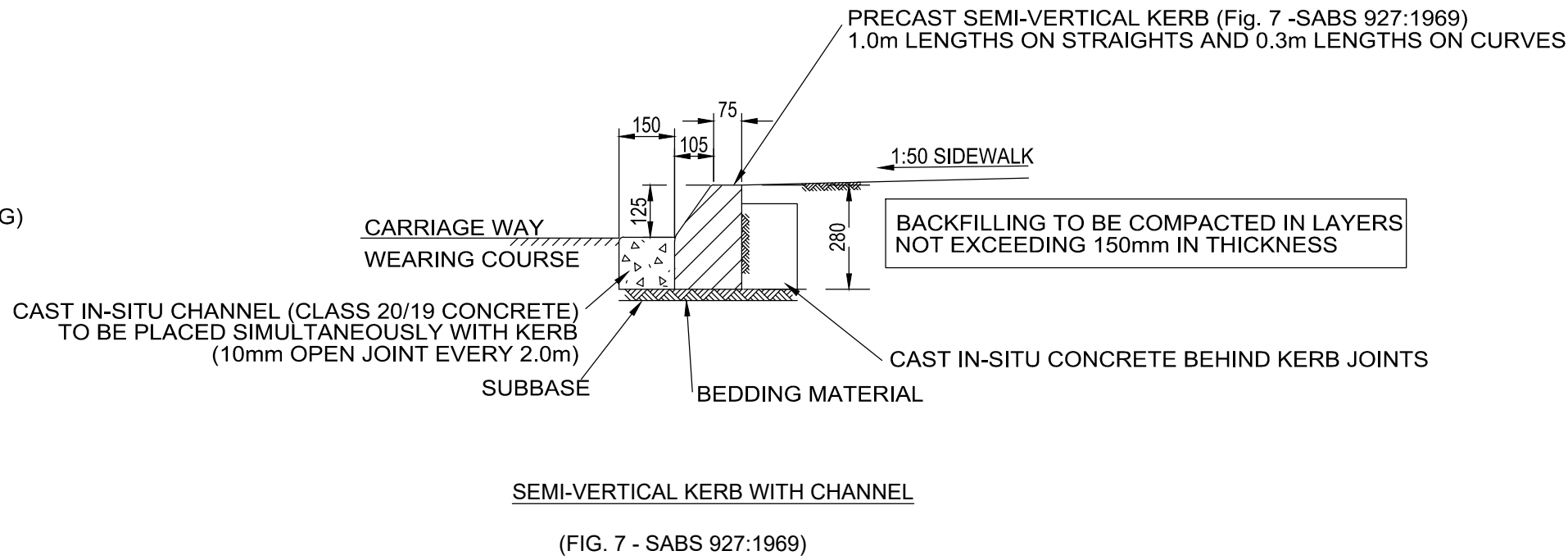
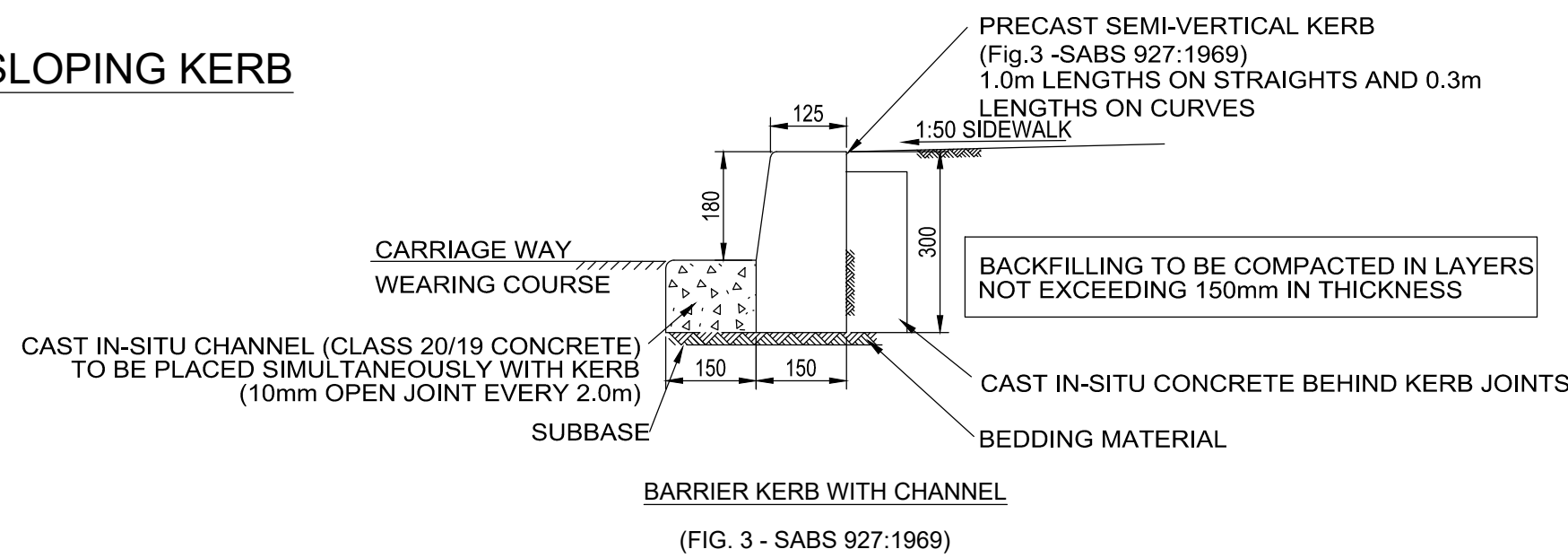


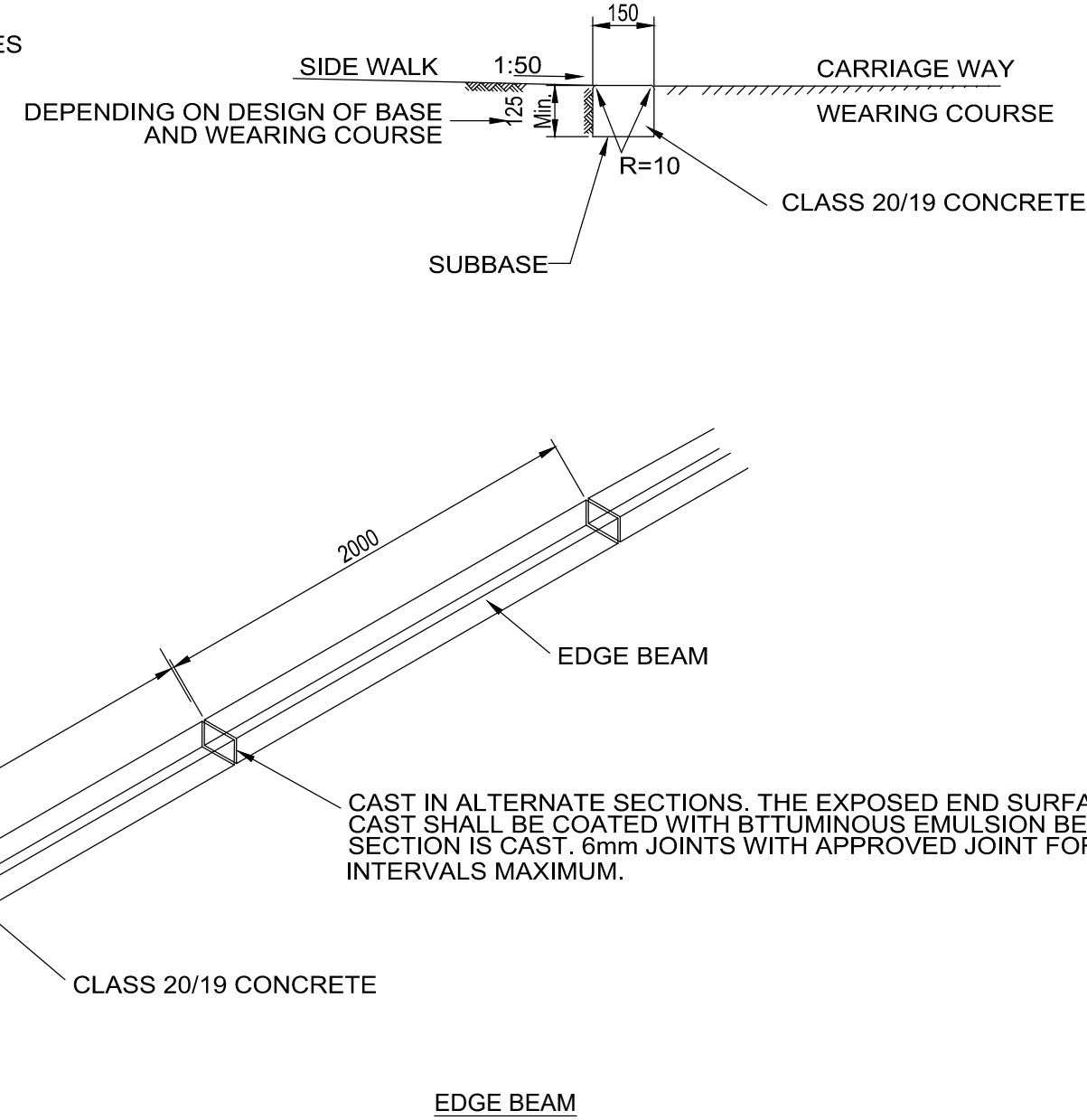
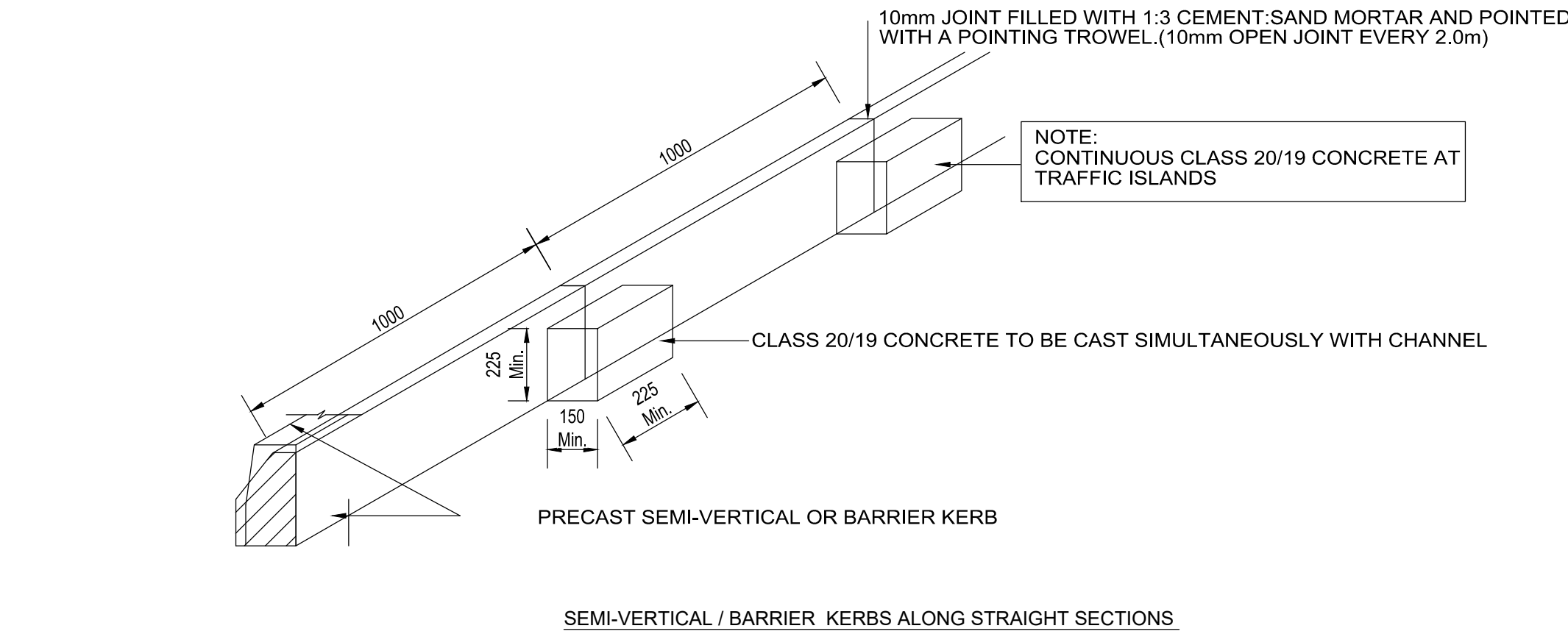


DETAIL OF SLOPING KERB



SEMI-VERTICAL / BARRIER KERBS ON CURVED SECTIONS

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



- 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.
 - Concrete to be cured for a minimum period of 7 days.
 - 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.

- CAST IN-SITU CONCRETE:
 - CONCRETE TO BE CLASS 20/19.
 - CONCRETE TO BE CURED FOR A MINIMUM PERIOD OF 7 DAYS.
 - 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 SUB-BASE 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 SUB-BASE 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.
 - ALL BEDDING MATERIAL ON WHICH PRECAST KERBING IS CONSTRUCTED SHALL BE ACCORDING TO SANS 1200.

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



MAQUASSI HILLS LOCAL MUNICIPALITY

PRIVATE BAG X3
WOLMARANSSTAD
2630

TEL: 018 596 1068
FAX: 018 596 1555

AMENDMENTS

REV	DATE	APPROVED	DESCRIPTION
A	SEPT 2026	G.A.M	ISSUE FOR TENDER

CONSULTANT DETAIL

DITLOU CONSULTING CC
OFFICE 19 EAST 202
SANLYNN OFFICE PARK
CNR ALKANTRAND & LYNNWOOD ROAD
PO BOX 15684
LYNN EAST
0039
TEL: (012)548-0196
FAX: (012)548-0298
EMAIL: info@ditloucc.co.za

I, G. MANYIKA
HEREBY CERTIFY THAT THE SERVICES WILL BE INSTALLED
ACCORDING TO THE DRAWING

DATE _____ SIGNATURE _____

DESIGNED

NAME: L.MODISHA... Prof Reg No:.....
SIGNATURE:..... DATE:.....

DRAWN

NAME: L.MODISHA...
SIGNATURE:..... DATE:.....

CHECKED

NAME: G. MANYIKA... Prof Reg No: 2024301981.....
SIGNATURE:..... DATE:.....

INFORMATION OFFICE CHECKED

NAME:.....
SIGNATURE:..... DATE:.....

DESIGN OFFICE APPROVAL

NAME:..... Prof Reg No:.....
SIGNATURE:..... DATE:.....

CONTRACT

No.
8/1/2 N.J.
MBONANI

PROJECT No.

SHEET No.
1
PAPER SIZE
A1

SCALE

AS SHOWN
DATE:
SEPT 2026

LOCATION OF PROJECT

DESIGN AND SUPERVISION OF UPGRADING OF
GRAVEL ROAD TO BLOCK PAVING AT KALANGA
MOLALE, WILLIAM OLIFANT STREETS IN LEBALENG

DRAWING NAME:

KERBING DETAILS:
SLOPING KERBS, SEMI-VERTICAL
KERBS AND EDGE BEAMS

CONTRACT NUMBER:

8/1/2 N.J. MBONANI
DRAWING NUMBER
1145K - 2 - 05D08

PROJECT STATUS

CONCEPT DRAWING
TENDER DRAWING
CONSTRUCTION DRAWING
AS BUILT DRAWING

PROJECT ENGINEER of MHLM:

NAME _____ SIGNATURE _____

Prof Reg No. _____ DATE _____

INSPECTOR OF WORKS of MHLM:

NAME _____ SIGNATURE _____

DATE _____ DATE _____