

Appendix A – Recommended Amendments to TRANS-APP

KEY

Red Underlined – Additions recommended as part of s42A Report

~~Red Strikethrough~~ – Deletions recommended as part of s42A Report

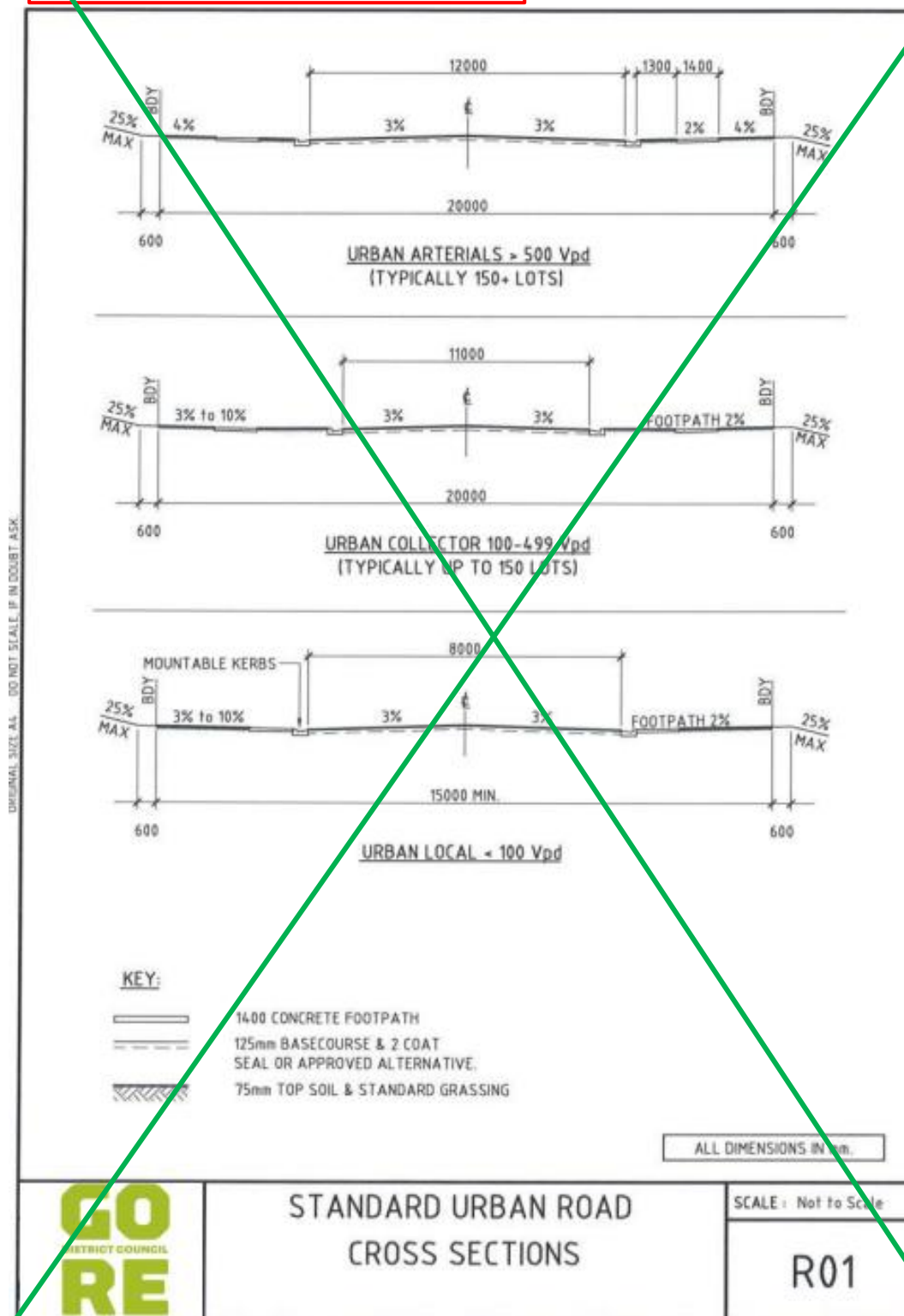
Green Underlined – Additions recommended as part of right of reply Minute 34

~~Green Strikethrough~~ – Deletions recommended as part of right of reply Minute 34

Standard Construction Drawings

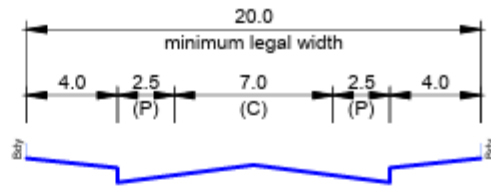
R01 Standard Urban Road Cross Sections

Provide better quality copies of drawings



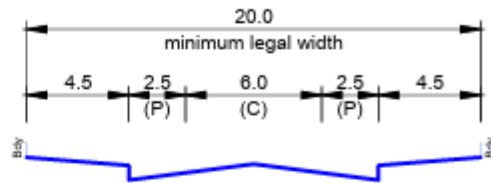
M2 SIGNIFICANT ~~ARTERIAL~~

M2-M3 Urban Connectors
Activity Streets
Main Streets



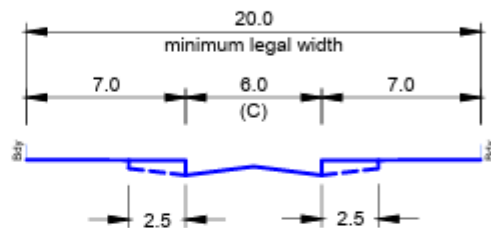
M3 MODERATE ~~COLLECTOR~~

M4 Activity Streets
Local Streets



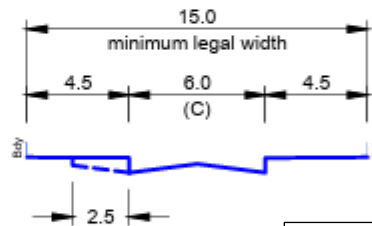
M4 MINOR ~~LOCAL~~

M5 Local Streets



M5 LOW ~~Cul-de-sac~~

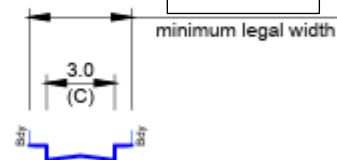
M5 Local Street Cul-de-sac



M5 LOW ~~Private (ROW)~~

Passing bays (with a minimum 6m carriageway width) are required every 50m in urban areas
Where a private way adjoins a Collector or higher, it shall also have a 6m carriageway width for a minimum length of 6m from the road boundary

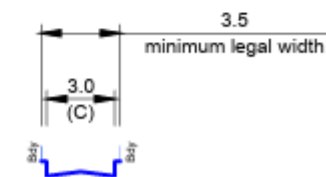
4-6 Units



M5 LOW ~~Private (ROW)~~

Passing bays (with a minimum 6m carriageway width) are required every 50m in urban areas
Where a private way adjoins a Collector or higher, it shall also have a 6m carriageway width for a minimum length of 6m from the road boundary

1-3 Units



(C) Carriageway width

Not to scale



**STANDARD ROAD WIDTHS
URBAN RESIDENTIAL**



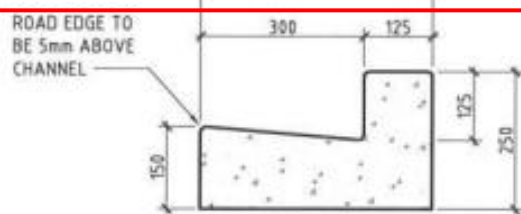
R01

Standard Construction Drawings

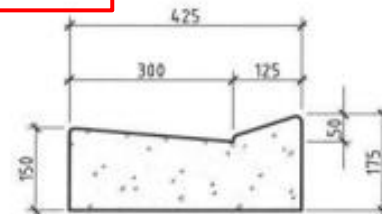
R02 Typical Kerb and Channel Profiles

Provide better quality copies of drawing
Include flush nib kerb (125mm wide and 250mm deep)
Correction to surfacing note, include as per R03-1

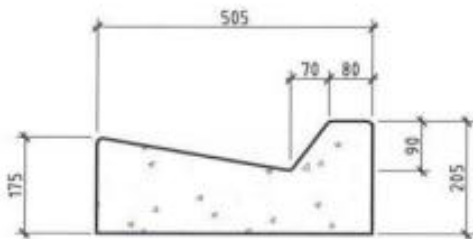
ORIGINAL SIZE A4. DO NOT SCALE. IF IN DOUBT ASK.



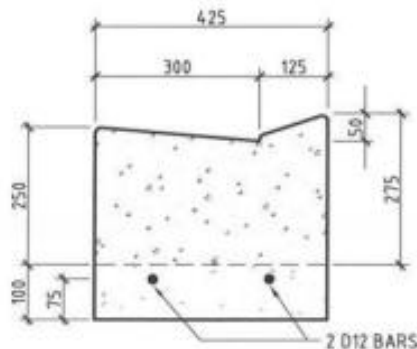
No.1. KERB & CHANNEL



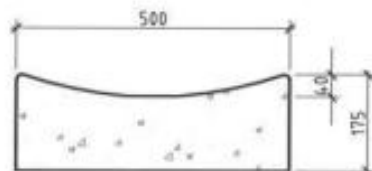
No.2. VEHICLE CROSSING



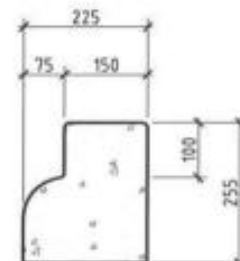
No.8. SLOPED KERB & CHANNEL



No.2A. HEAVY DUTY CROSSING

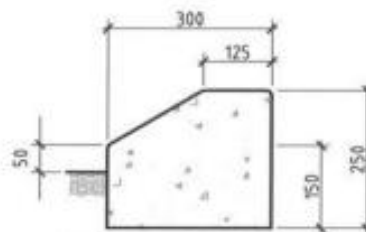


No.12. DISH CHANNEL



No.8. SLIP FORM KERB

NOTE:
KERB AND CHANNELS TO HAVE
200mm DEPTH OF COMPACTED
AP65 SUB-BASE UNDER THEM.



No.5. MOUNTABLE KERB

GO
DISTRICT COUNCIL
RE

TYPICAL KERB & CHANNEL
PROFILES

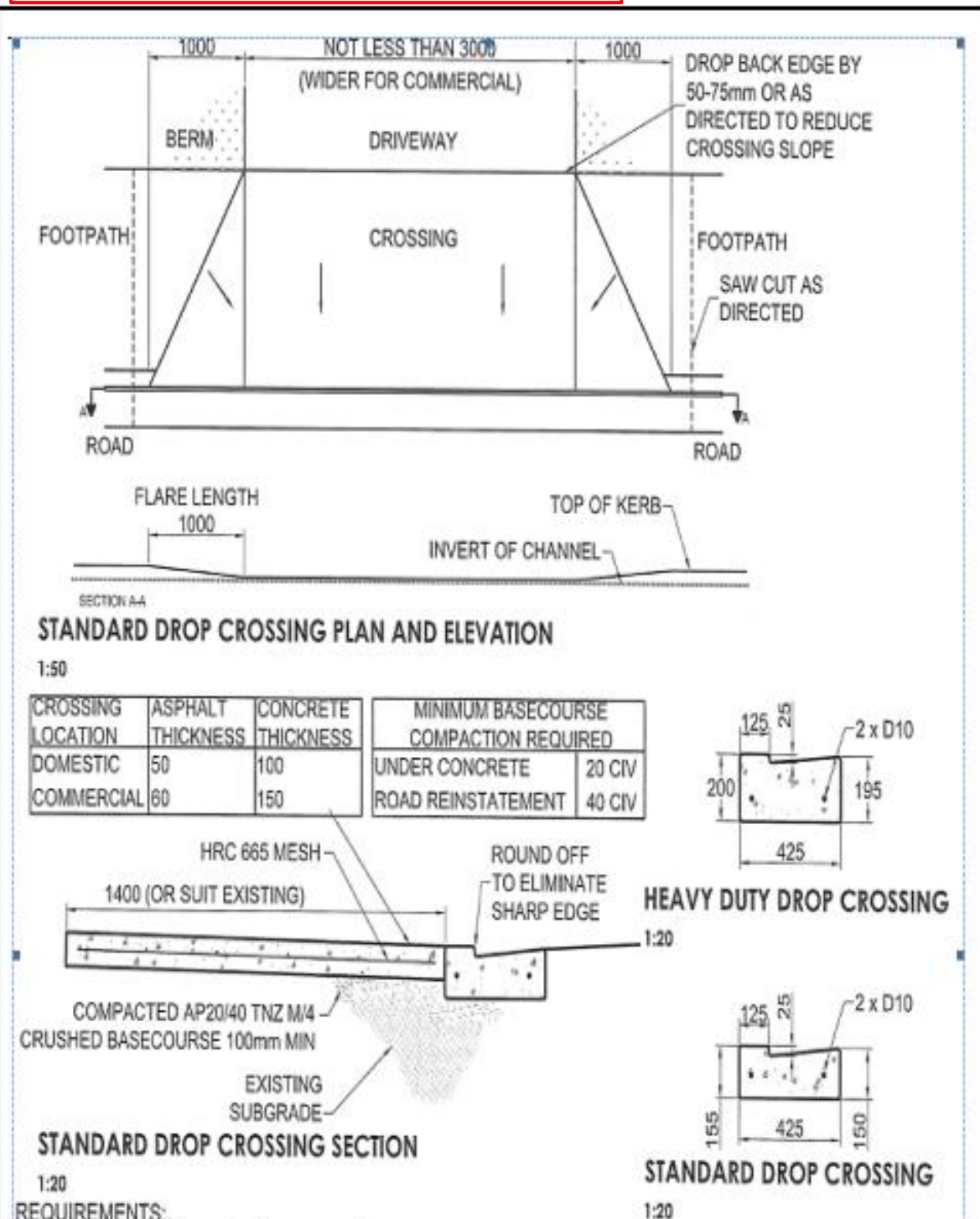
SCALE : 1:10

R02

Standard Construction Drawings

R03 Vehicle Crossings Residential

Provide better quality copies of drawing



GO
DISTRICT COUNCIL
RE

STANDARD DROP CROSSING DETAILS

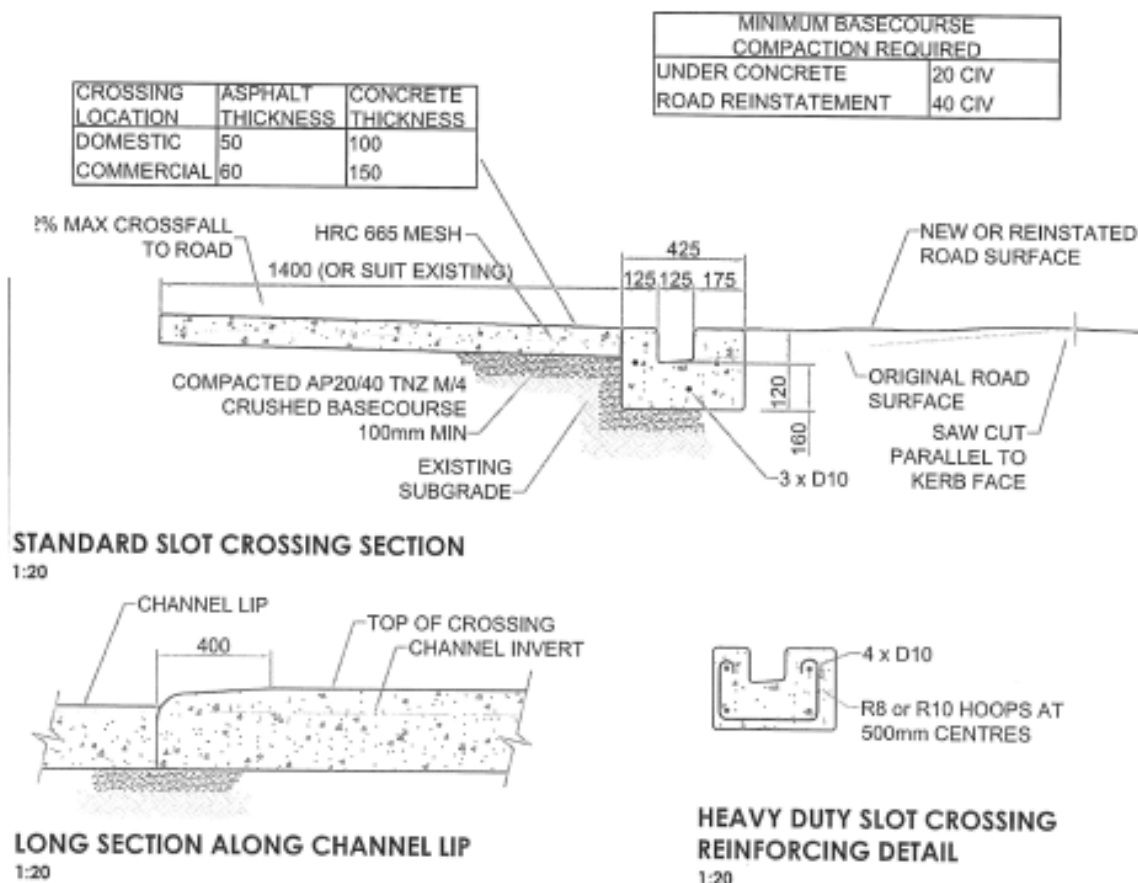
SCALE: Not to Scale

R03-1

Standard Construction Drawings

R03-2 Standard Slot Crossing Detail

Provide better quality copies of drawing



**Standard Slot Crossing
Detail**

Not To Scale

R03-2

Standard Construction Drawings

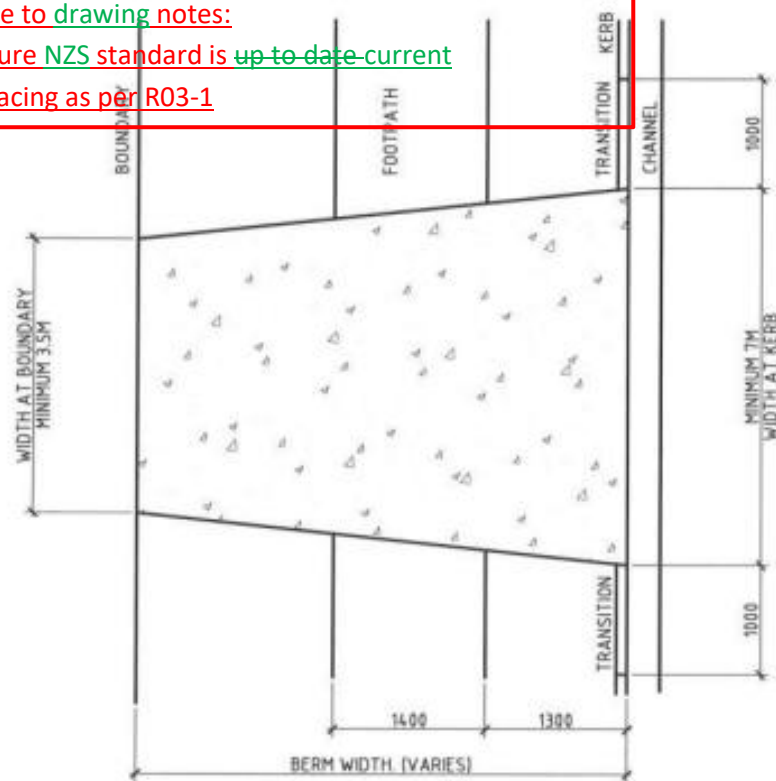
R04 Vehicle Crossing Commercial/Industrial

Provide better quality copies of drawing

Update to drawing notes:

2. Ensure NZS standard is up to date current

4 Surfacing as per R03-1



NOTES

1. THE CONCRETE SHALL BE 150mm THICK AND REINFORCED WITH 665 MESH, CENTRALLY PLACED.
2. THE CONCRETE SHALL HAVE A MINIMUM CRUSHING STRENGTH OF 20 MPa AT 28 DAYS AND SHALL COMPLY WITH NZS 3124:1987.
3. CHANNEL CROSSING TO BE HEAVY DUTY, REINFORCED WITH 2 D12 BARS.
4. SUB-BASE TO BE A MINIMUM COMPACTED DEPTH OF CRUSHED GRAVEL AS FOLLOWS :

CBR	DEPTH (MM) OF AP40/AP20
3	90
5	65
7	40
10	40



VEHICLE CROSSING
COMMERCIAL/INDUSTRIAL

SCALE : Not to Scale

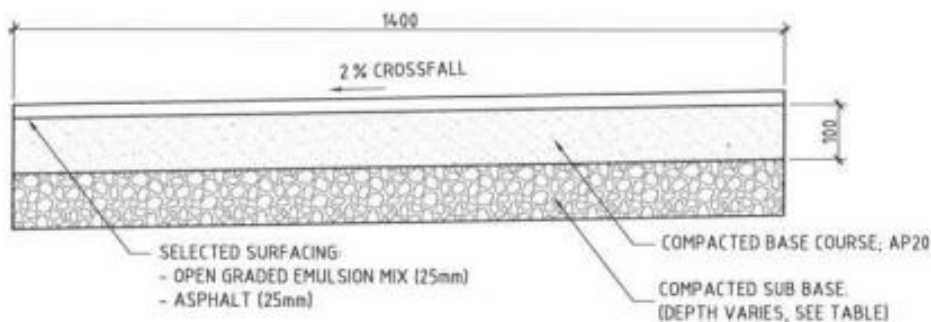
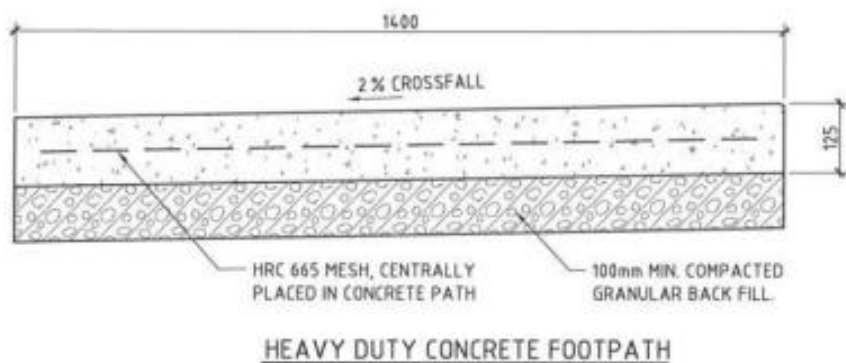
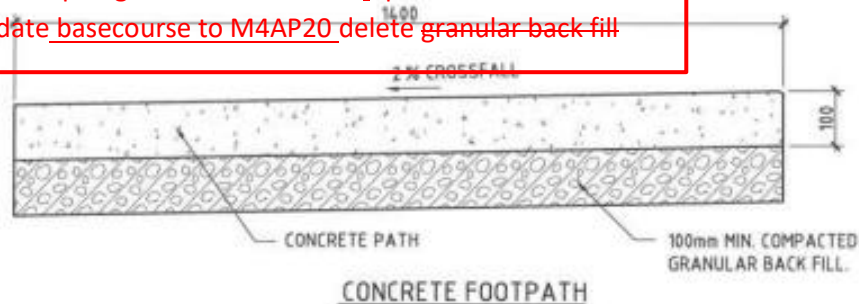
R04

Standard Construction Drawings

R05 Standard Footpath Details

Provide better quality copies of drawing
Amend surfacing thickness from 25mm to 30mm
Delete open graded emulsion mix option
Update basecourse to M4AP20 delete granular back fill

ORIGINAL SIZE ALL DO NOT SCALE IF IN DOUBT ASK



SUBGRADE C.B.R.	NORMAL THICKNESS (mm)		HEAVY DUTY THICKNESS (mm)	
	SURFACE	SUB-BASE	SURFACE	SUB-BASE
3	20	125	30	200
5	20	100	30	175
7	20	50	30	125
10	20	0	30	75

GO
DISTRICT COUNCIL
RE

**STANDARD FOOTPATH
DETAILS**

SCALE: 1:10

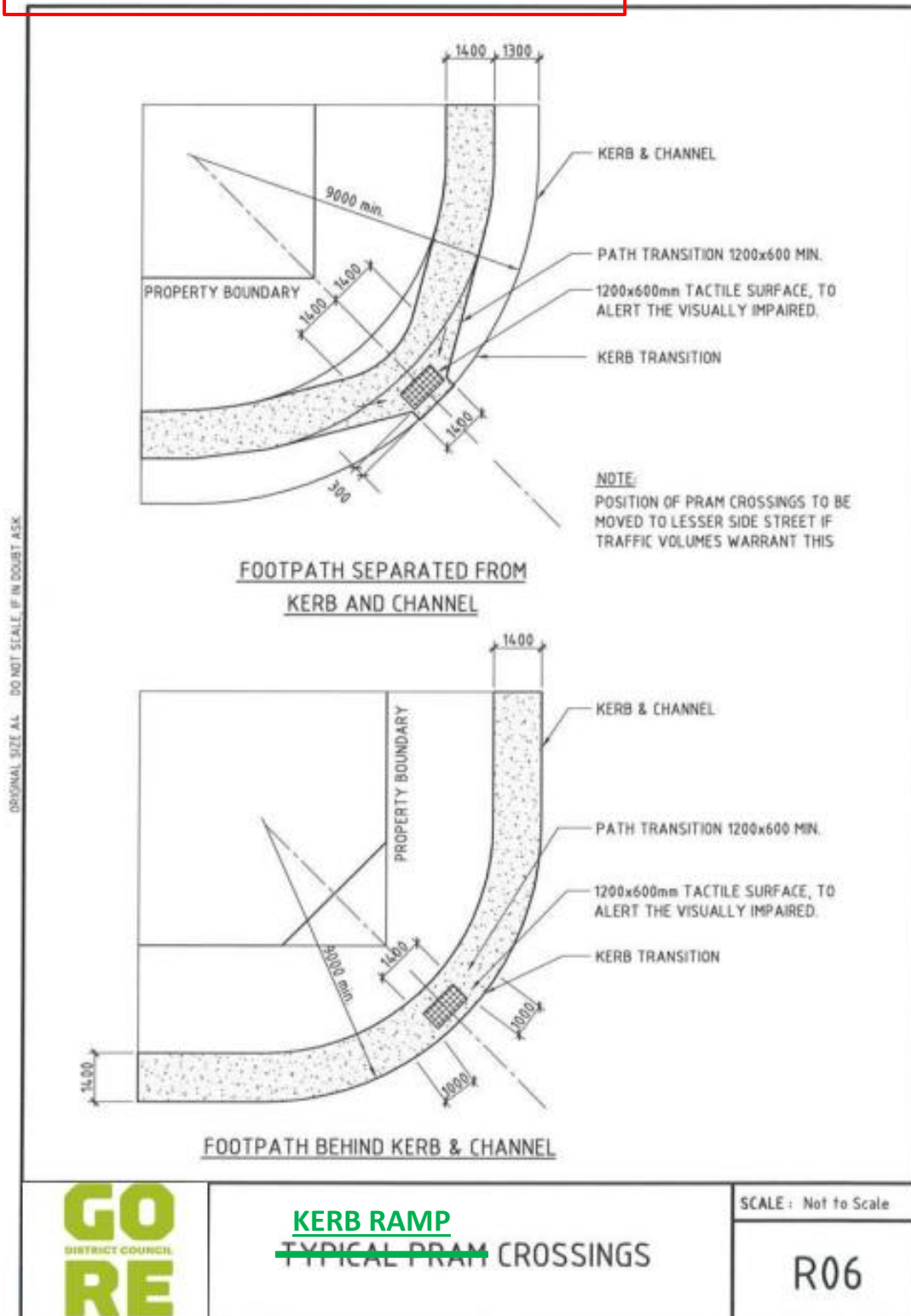
R05

Standard Construction Drawings

~~R06 Typical Pram Crossings~~ R06 Kerb Ramp Crossing

Provide better quality copies of drawing

Rename diagram 'Kerb Ramp Crossing'

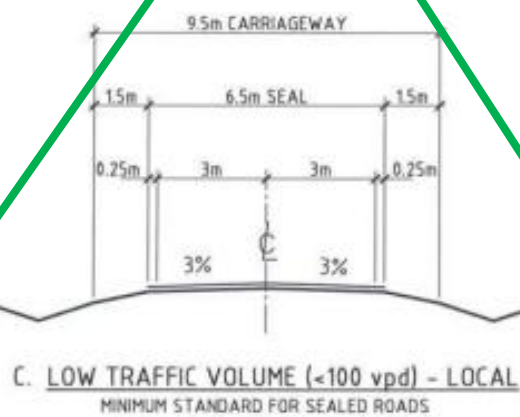
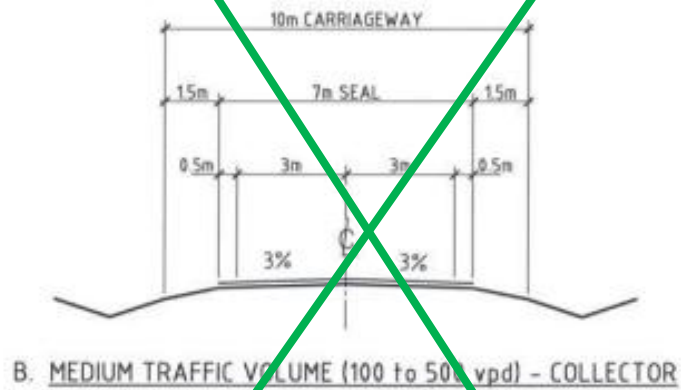


Standard Construction Drawings

R07 Standard Rural Road Sealed Cross Sections

Provide better quality copies of drawing

ORIGINAL SIZE A4 - DO NOT SCALE IF IN DOUBT ASK



GO
DISTRICT COUNCIL
RE

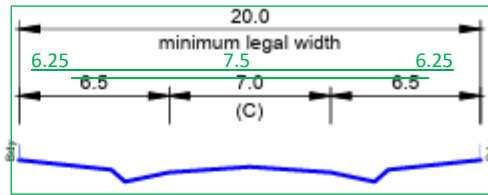
STANDARD RURAL ROAD
SEALED CROSS SECTIONS

SCALE: Not to Scale

R07

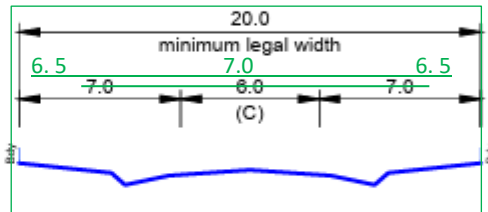
M2 SIGNIFICANT ARTERIAL

M1 to M3 Interregional connector
Rural connector
Peri-urban road



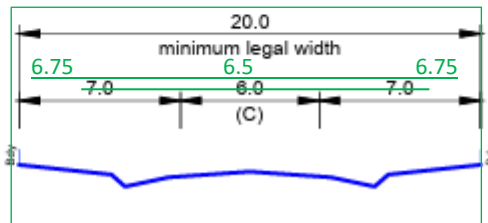
M3 MODERATE COLLECTOR

M4 Rural connector
Peri-urban road

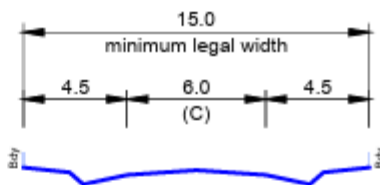


M4 MINOR LOCAL

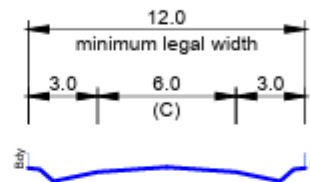
M5 Peri-urban road
Rural road



M5 LOW Long Cul-de-sac ($\geq 100m$)

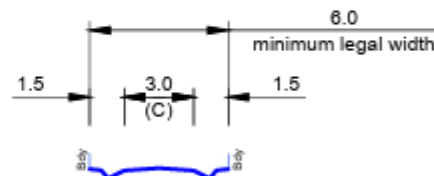


M5 LOW Short Cul-de-sac ($< 100m$)



M5 LOW Private (ROW)

Passing bays (with a minimum 6m carriageway width) are required every 50m in urban areas
Where a private way adjoins a Collector or higher, it shall also have a 6m carriageway width for a minimum length of 6m from the road boundary



(C) Carriageway width

Not to scale



STANDARD ROAD WIDTHS RURAL / RURAL LIFESTYLE

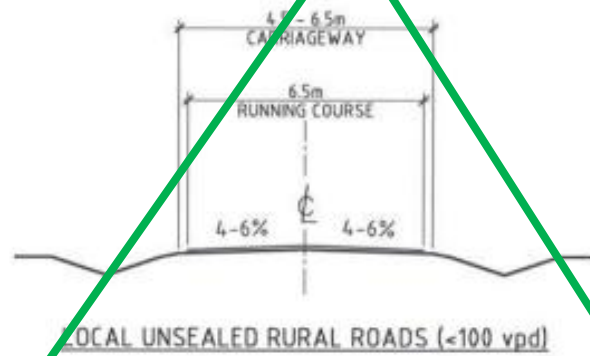
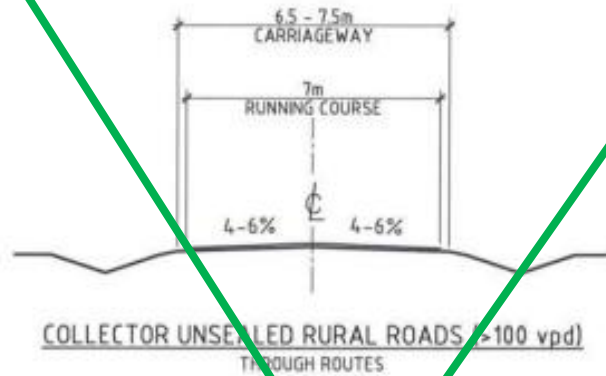


R07

Standard Construction Drawings

R08 Standard Rural Road Unsealed Cross Sections

Provide better quality copies of drawing



ORIGINAL SIZE A4. DO NOT SCALE, IF IN DOUBT ASK.

GO
DISTRICT COUNCIL
RE

STANDARD RURAL ROAD
UNSEALED CROSS SECTIONS

SCALE: Not To Scale

R08

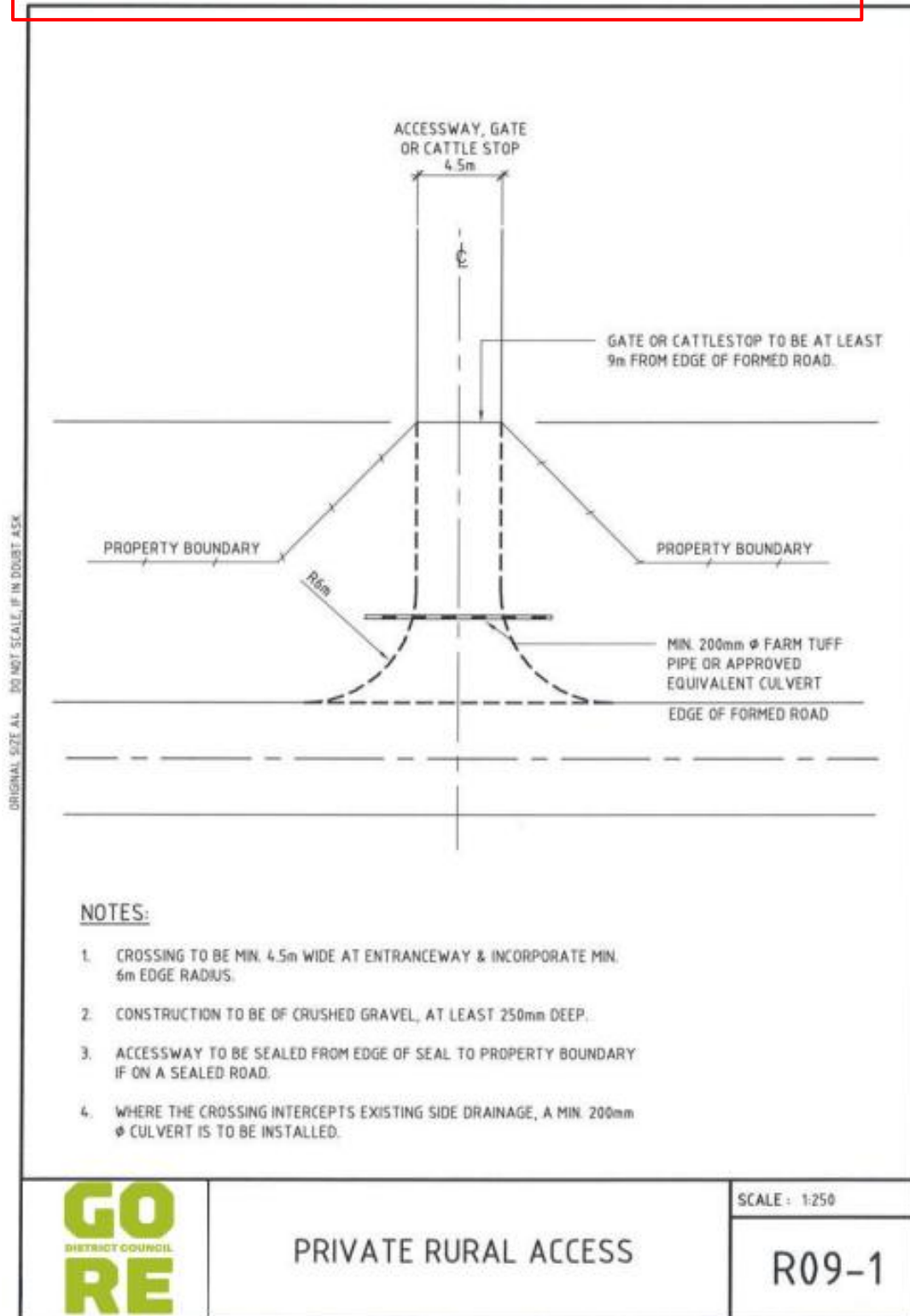
~~M3 MODERATE~~	~~COLLECTOR~~	
~~M4 MINOR~~	~~LOCAL~~	
M5	Rural Road	
~~M5 LOW~~	Long Cul-de-sac (<100m)	
~~M5 LOW~~	Short Cul-de-sac (<100m)	
~~M5 LOW~~	Private (ROW)	
(C)	Carriageway width	Not to scale
	STANDARD ROAD WIDTHS UNSEALED ROADS	
	R08	

Standard Construction Drawings

R09-1 Private Rural Access

Provide better quality copies of drawing

Add note: This drawing does not apply to access onto a State Highway



Standard Construction Drawings

R09-2 High Use or Primary Commercial Rural Access

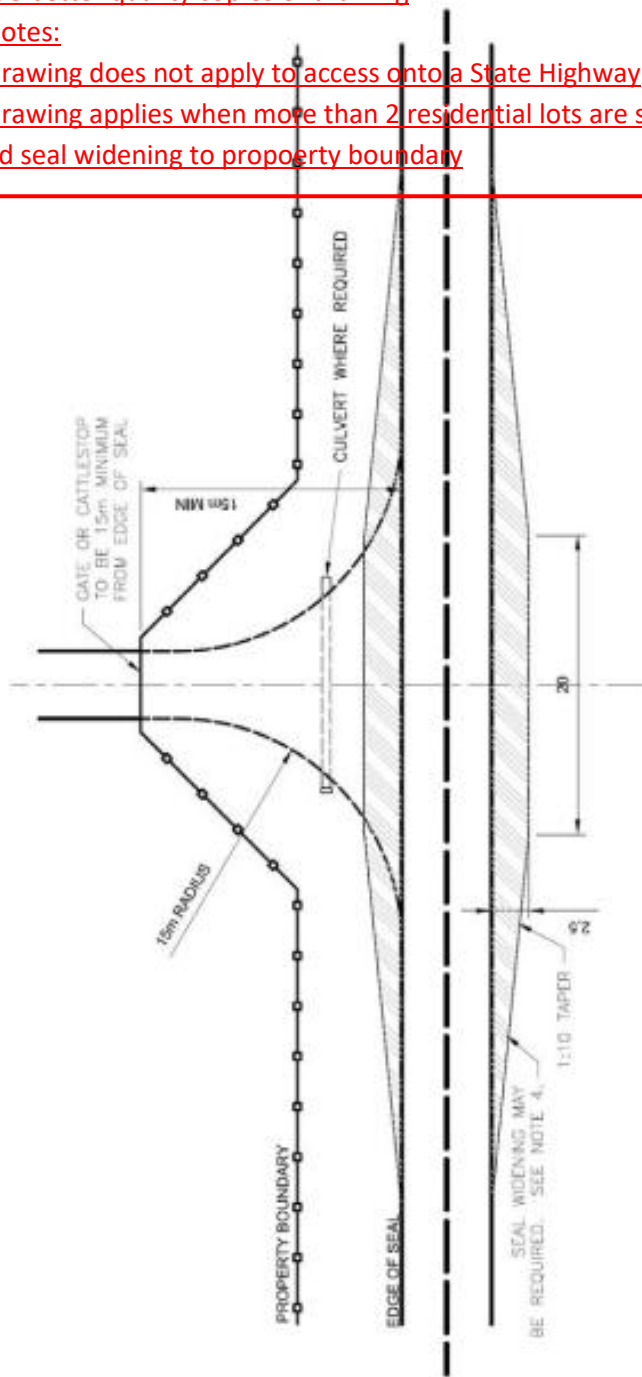
Provide better quality copies of drawing

Add notes:

This drawing does not apply to access onto a State Highway

This drawing applies when more than 2 residential lots are served by the access

Extend seal widening to property boundary



PRIMARY COMMERCIAL ACCESS

(Collector and Local Roads)

NOTES

1. CROSSING TO BE 4.5m MINIMUM WIDE AT ENTRANCEWAY AND INCORPORATE 15m MINIMUM EDGE RADIUS.
2. CONSTRUCTION TO BE OF CRUSHED GRAVEL MEETING THE REQUIREMENTS OF TNZ M/4 AT LEAST 250mm DEEP.
3. WHERE THE CROSSING INTERCEPTS EXISTING SIDE DRAINAGE A 200mm DIAMETER CULVERT IS TO BE INSTALLED. PIPE TO BE HEAVY WALL PVC OR CONCRETE.
4. SEAL WIDENING REQUIRED IN HATCHED AREA WHERE ACCESS IS ONTO AN EXISTING SEALED ROAD.
5. A PRIMARY COMMERCIAL ACCESS SHALL BE PROVIDED WHERE AN ACCESS ON AN UN-KERBED ROAD

Source: Gore District Council



HIGH USE OR PRIMARY
COMMERCIAL ACCESS

Not To Scale
Original Size A4

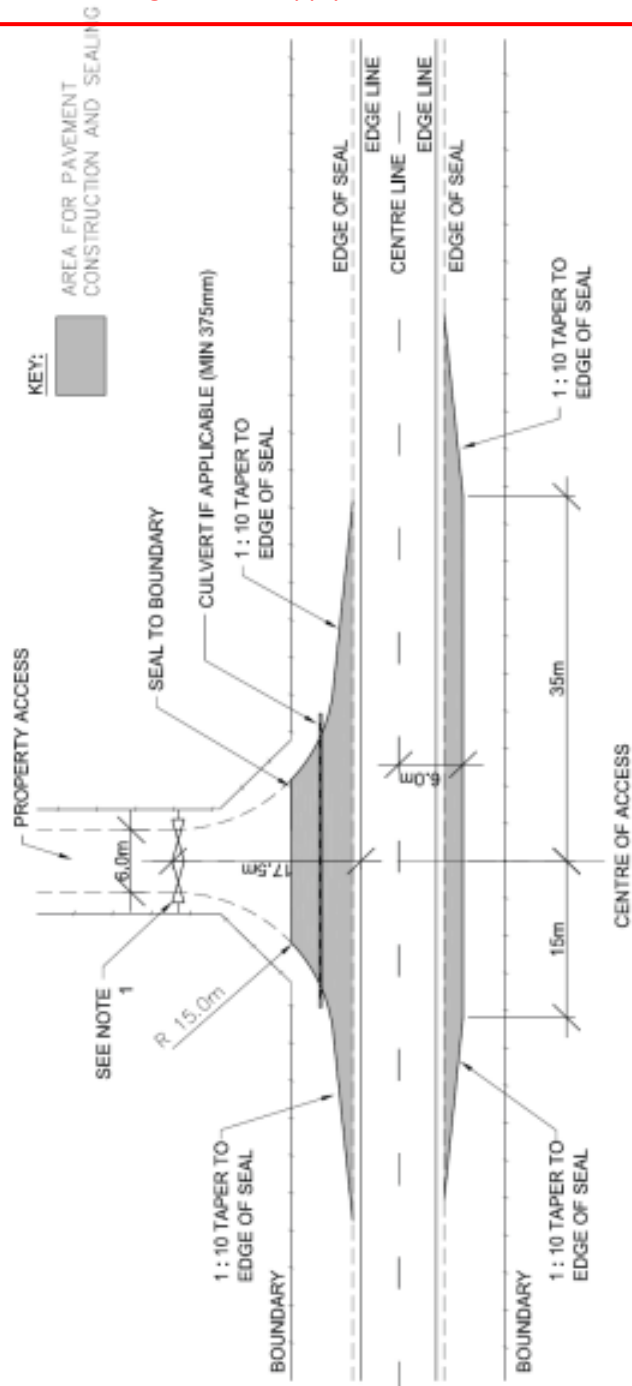
R09-2

Standard Construction Drawings

~~R09-3 High Use Commercial Access on Arterial Routes~~ **R09-3 Rural Milktanker Access**

Provide better quality copies of drawing

Add note: This drawing does not apply to access onto a State Highway



RURAL MILKTANKER ACCESS

NOTES

1. GATE TO BE RECESSED BACK FROM ROAD SUFFICIENT DISTANCE TO ALLOW ANY VEHICLE USING THE DRIVEWAY TO STOP CLEAR OF THE ROAD TRAFFIC LANES WHILE THE GATE IS BEING OPENED OR CLOSED.

Source:
Transit NZ Diagram E

GO
DISTRICT COUNCIL
RE

RURAL MILKTANKER ACCESS

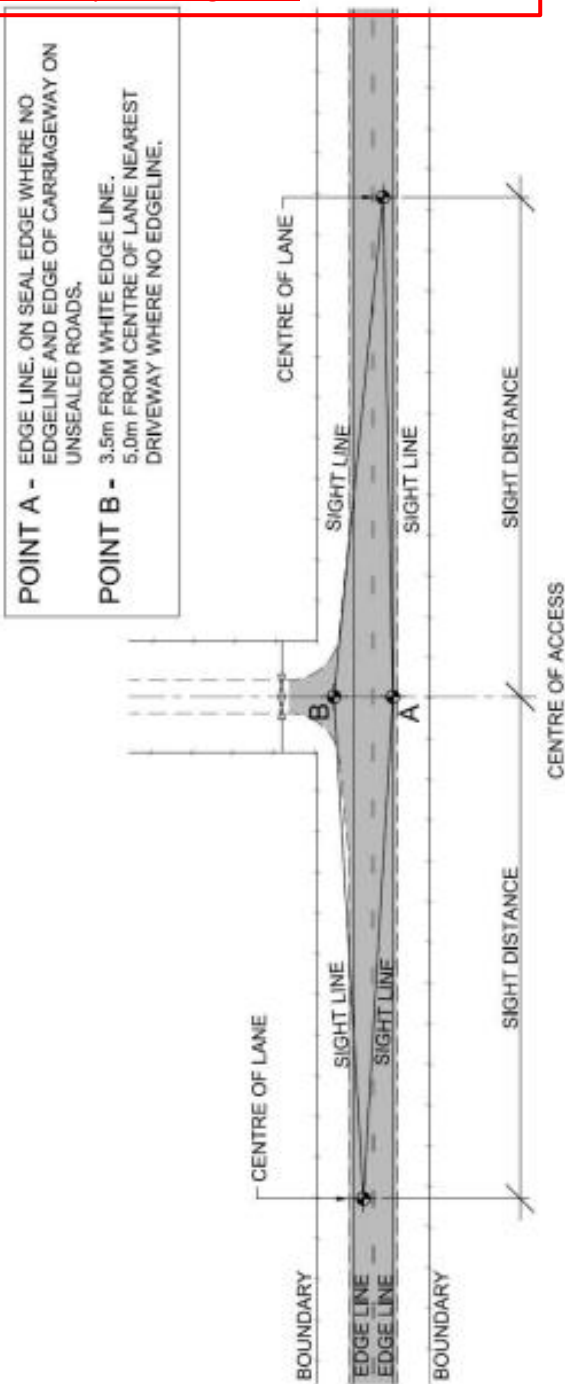
SCALE: Not to Scale

R09-3

Standard Construction Drawings

R10 Access Sight Lines

Provide better quality copies of drawing
Shade only inside sightlines



ACCESS SIGHT LINES

NOTES

1. SIGHT DISTANCES SHALL BE MEASURED FROM A POINT 1.15 m (MOTORISTS EYE LEVEL) ABOVE THE FINISHED SURFACE OF THE ACCESS CROSSING PLACE AND 1.15m ABOVE THE ROAD SURFACE.
2. THERE SHALL BE NO OBSTRUCTIONS TO VISIBILITY INSIDE THE AREA BOUNDED BY THE SIGHT LINES.
3. FOR REQUIRED SIGHT DISTANCES REFER TO TABLES 6.1 AND 6.2 IN SECTION 6.20.

Source:
Transit NZ



ACCESS SIGHT LINES

Not To Scale
Original Size A4

R10

Standard Construction Drawings

R11 Access Separation From Intersections and Other Accesses

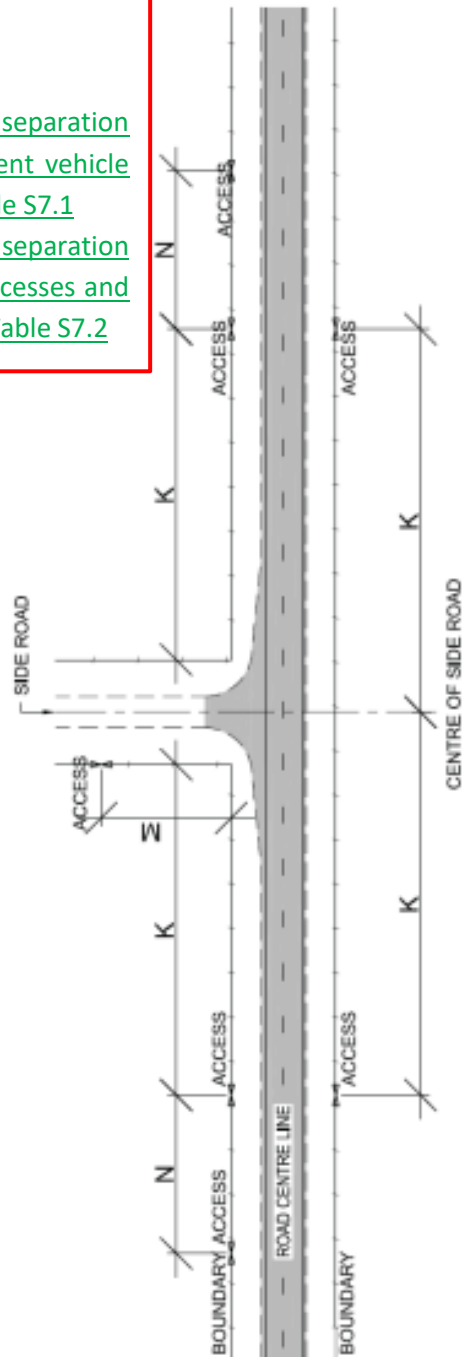
Provide better quality copies of drawing

Remove distance N

Replace Note with:

1. For required separation distances from adjacent vehicle crossings refer to Table S7.1

2. For required separation distances between accesses and intersection refer to Table S7.2



ACCESS SEPARATION FROM INTERSECTIONS AND OTHER ACCESSES

NOTES

1. FOR REQUIRED SIGHT DISTANCES REFER TO TABLE 5.1 FOR STATE HIGHWAY AND OTHER ARTERIAL ROADS AND TABLE 5.2 FOR COLLECTOR AND LOCAL ROADS.

Source:
Transit NZ



ACCESS SEPARATION FROM INTERSECTIONS AND OTHER ACCESSES

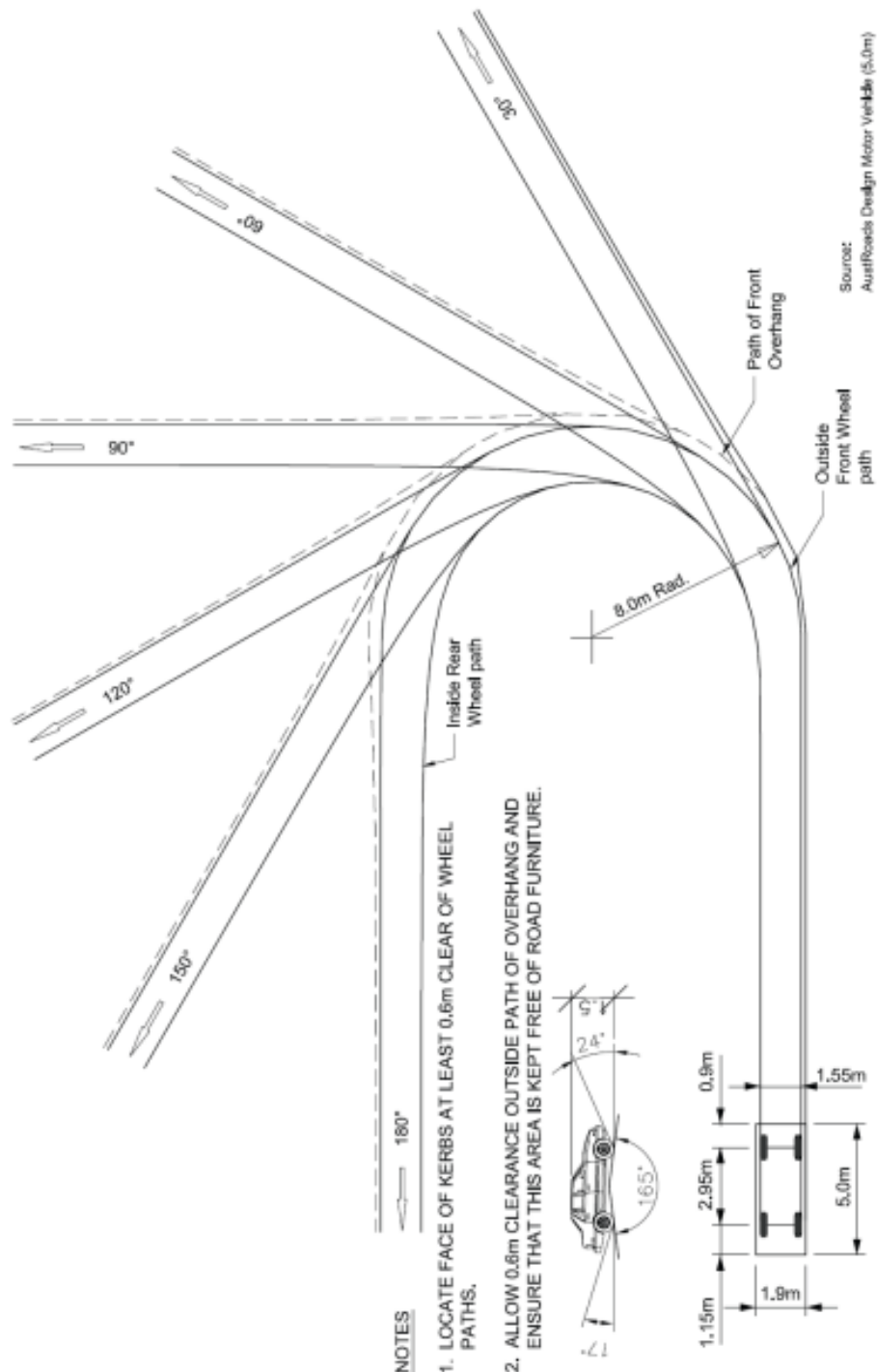
SCALE: Not to Scale

R11

Standard Construction Drawings

R12 Swept Path and Design: 90 Percentile Car

[Provide better quality copies of drawing](#)



**Swept Path and Design: 90
Percentile Car**

**Not To Scale
Original Size A4**

R12