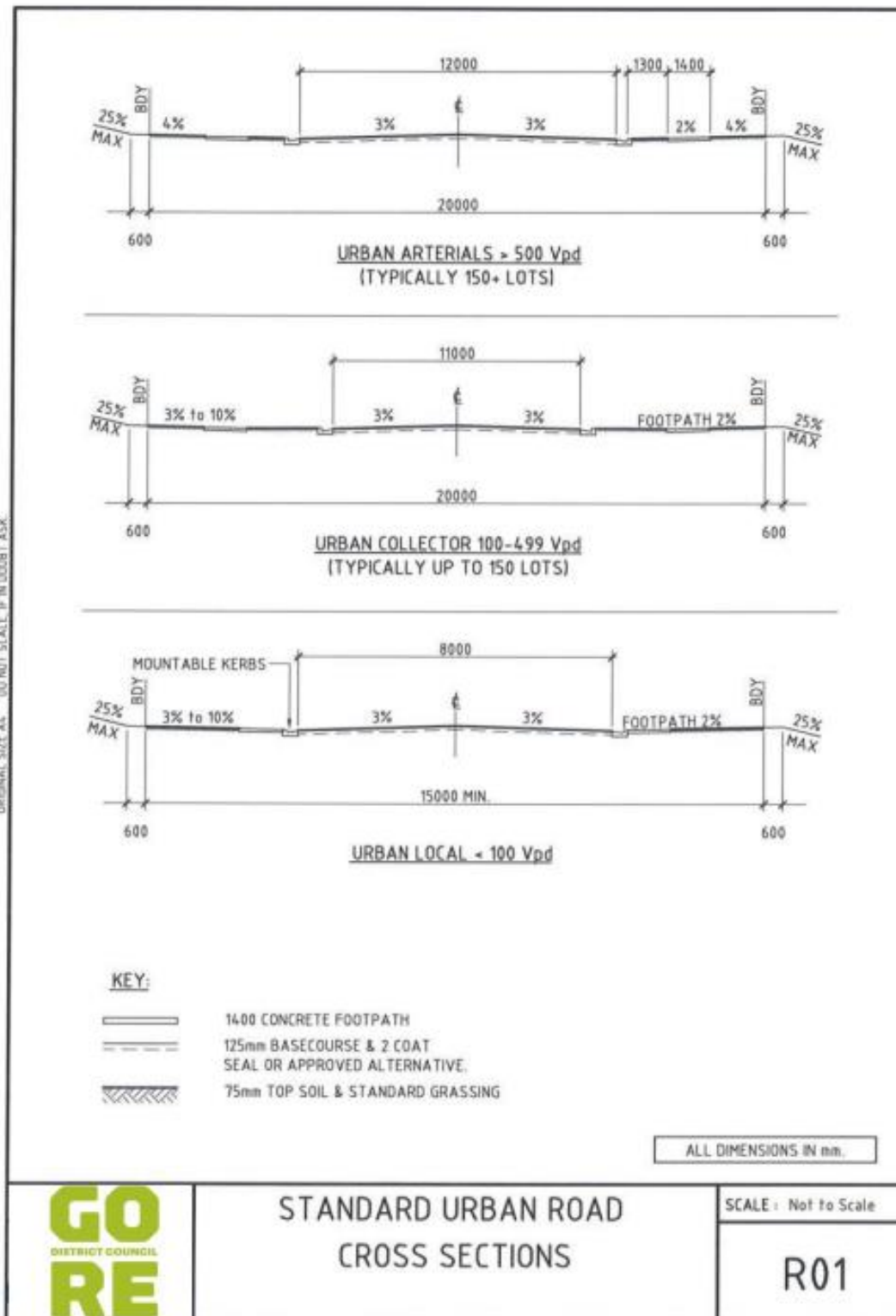


Standard Construction Drawings

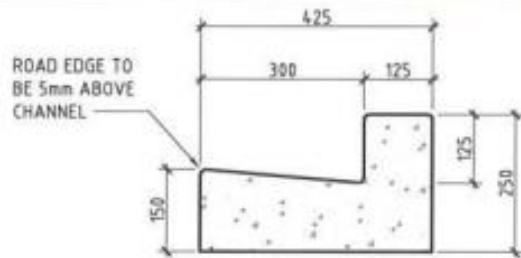
R01 Standard Urban Road Cross Sections



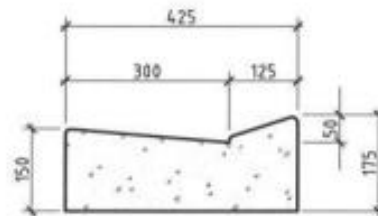
Standard Construction Drawings

R02 Typical Kerb and Channel Profiles

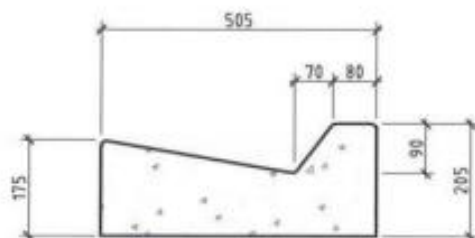
ORIGINAL SIZE A4 - DO NOT SCALE, IF IN DOUBT ASK



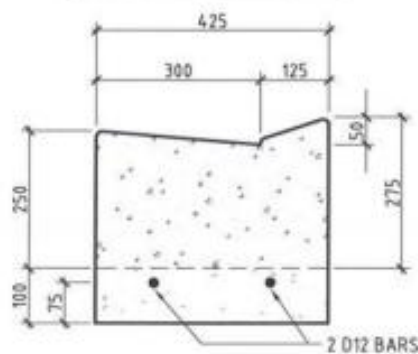
No.1. KERB & CHANNEL



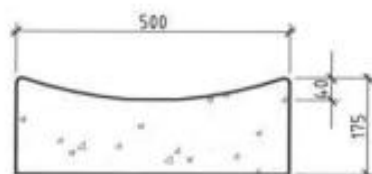
No.2. VEHICLE CROSSING



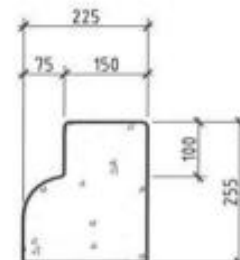
No.8. SLOPED KERB & CHANNEL



No.2A. HEAVY DUTY CROSSING

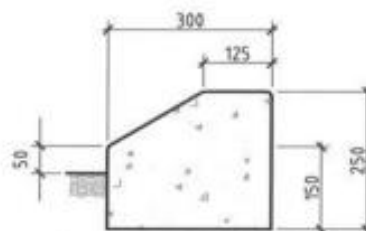


No.12. DISH CHANNEL



No.8. SLIP FORM KERB

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



No.5. MOUNTABLE KERB

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DISTRICT COUNCIL
RE

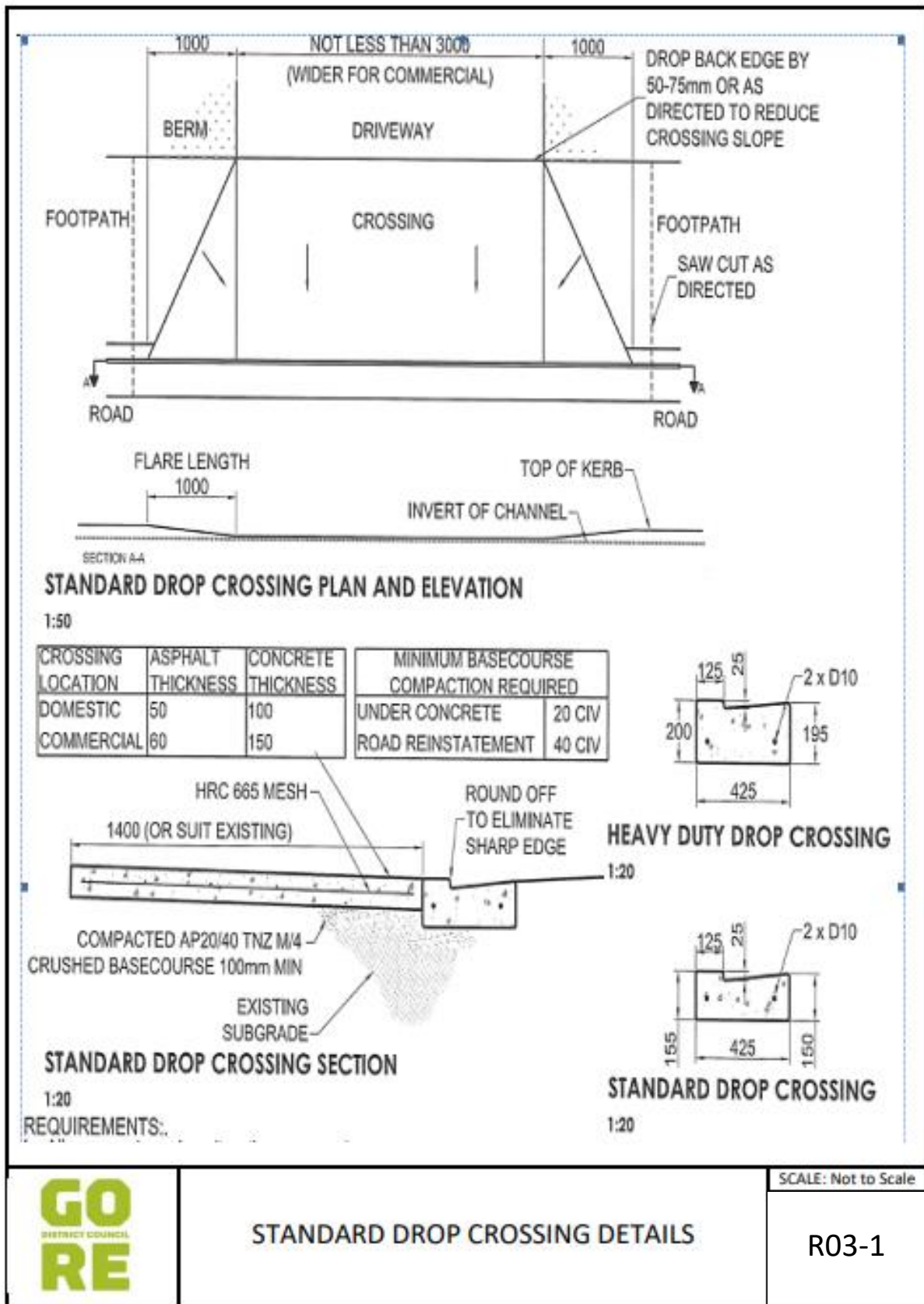
TYPICAL KERB & CHANNEL
PROFILES

SCALE : 1:10

R02

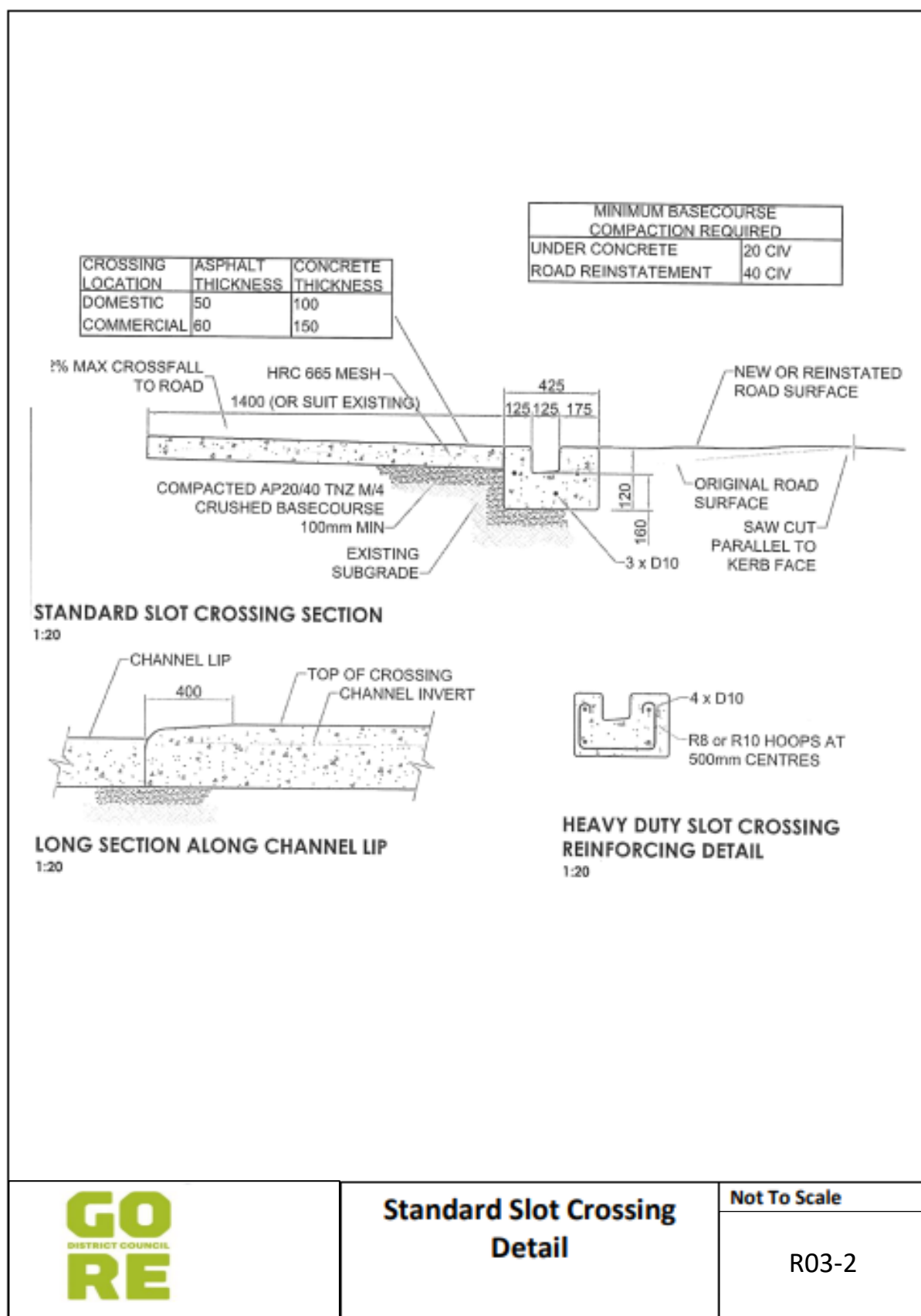
Standard Construction Drawings

R03 Vehicle Crossings Residential



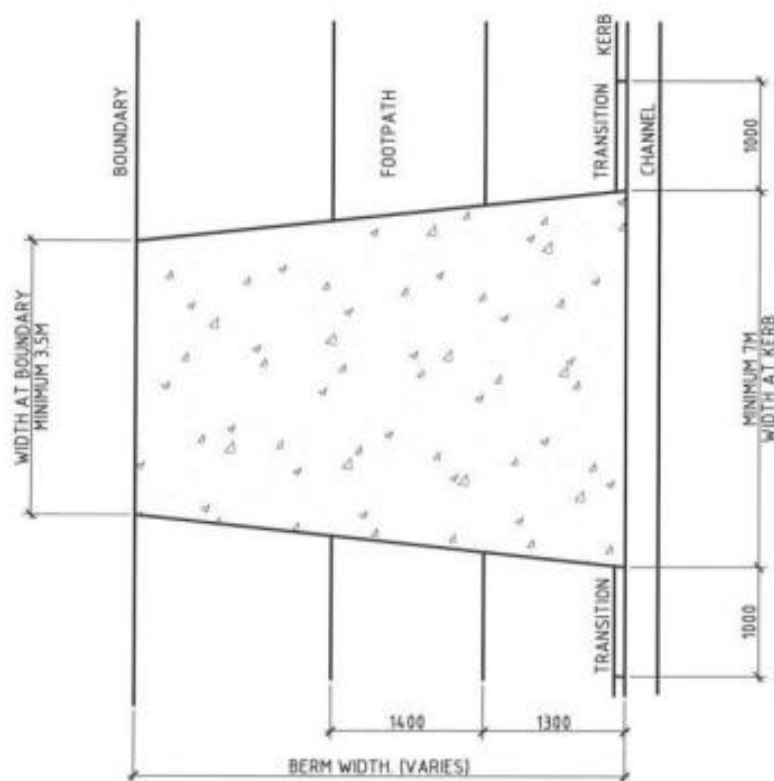
Standard Construction Drawings

R03-2 Standard Slot Crossing Detail



Standard Construction Drawings

R04 Vehicle Crossing Commercial/Industrial



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



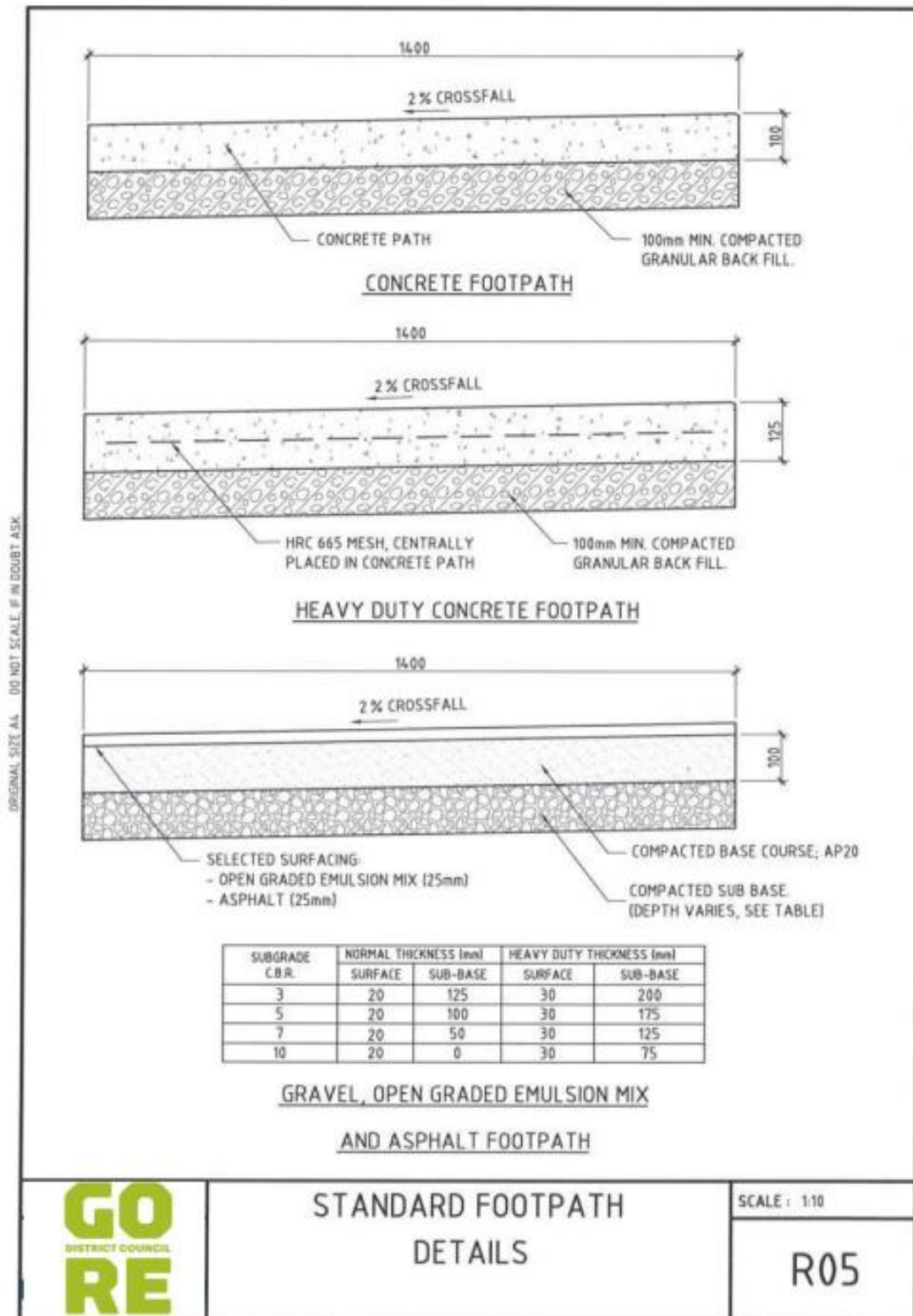
VEHICLE CROSSING
COMMERCIAL/INDUSTRIAL

SCALE : Not to Scale

R04

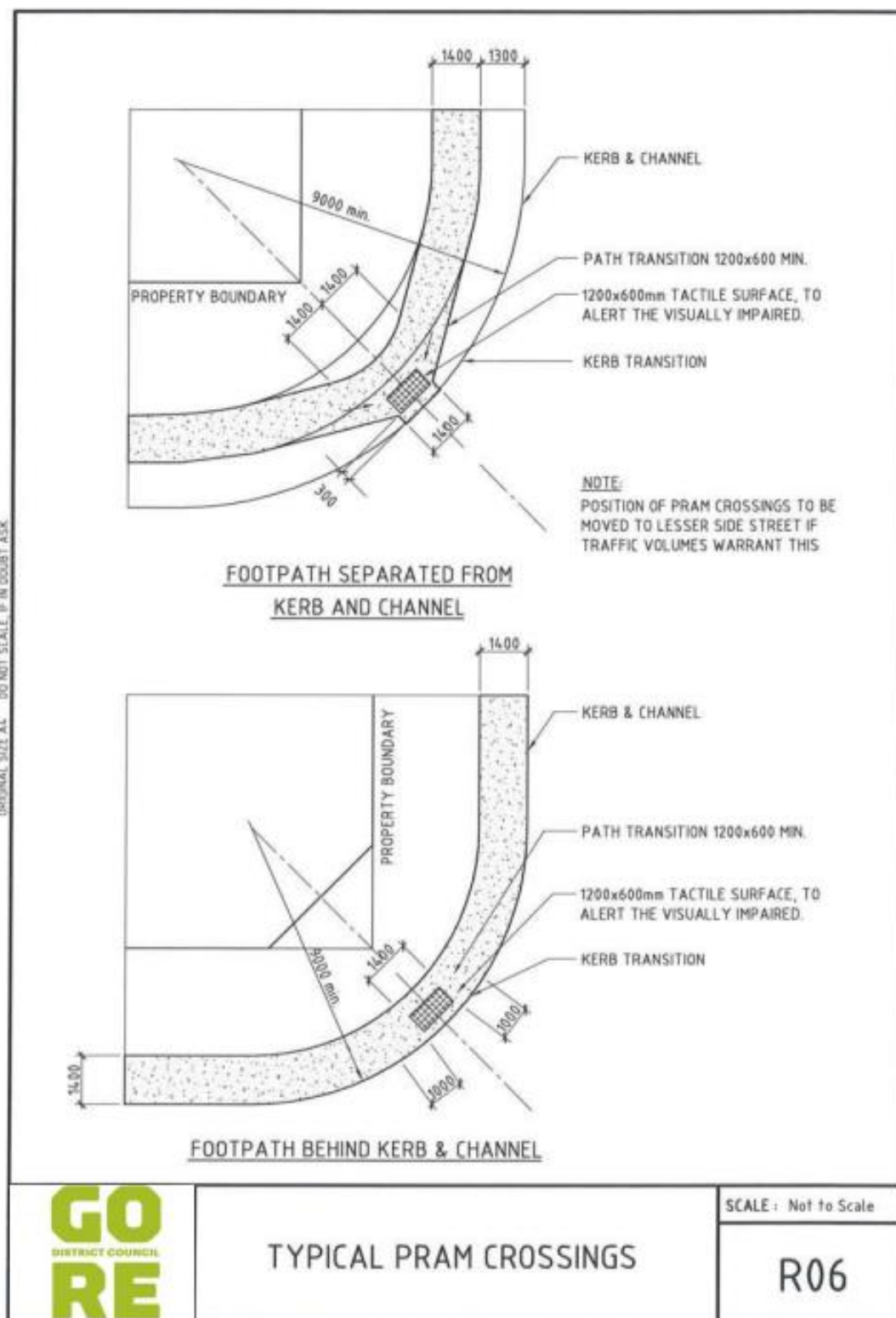
Standard Construction Drawings

R05 Standard Footpath Details



Standard Construction Drawings

R06 Typical Pram Crossings

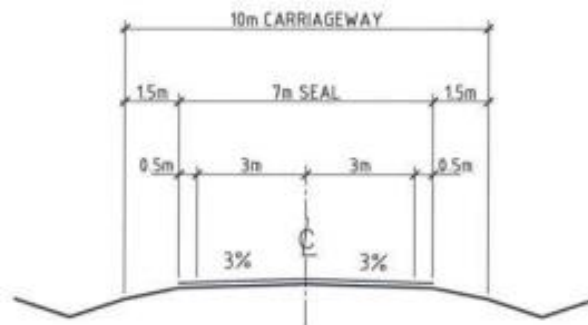


Standard Construction Drawings

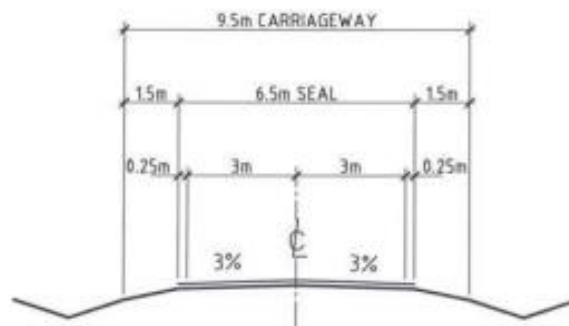
R07 Standard Rural Road Sealed Cross Sections



A. HIGH TRAFFIC VOLUME (>500 VPD OR HIGH % H.C.V) - ARTERIAL



B. MEDIUM TRAFFIC VOLUME (100 to 500 vpd) - COLLECTOR



C. LOW TRAFFIC VOLUME (<100 vpd) - LOCAL
MINIMUM STANDARD FOR SEALED ROADS



STANDARD RURAL ROAD
SEALED CROSS SECTIONS

SCALE: Not to Scale

R07

ORIGINAL SIZE A4 - DO NOT SCALE IF IN DOUBT ASK

Standard Construction Drawings

R08 Standard Rural Road Unsealed Cross Sections



COLLECTOR UNSEALED RURAL ROADS (>100 vpd)
THROUGH ROUTES



LOCAL UNSEALED RURAL ROADS (<100 vpd)

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



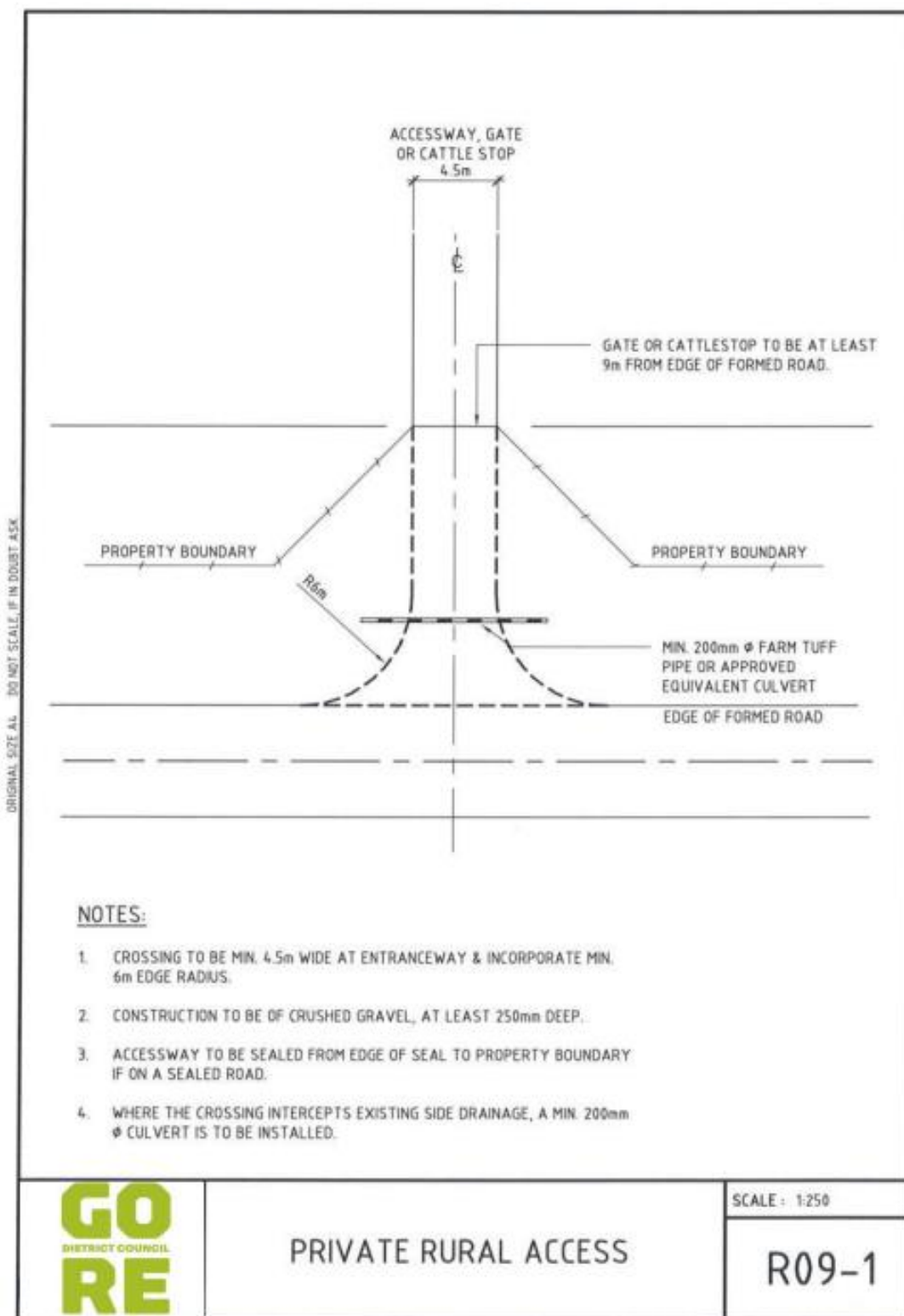
STANDARD RURAL ROAD
UNSEALED CROSS SECTIONS

SCALE: Not to Scale

R08

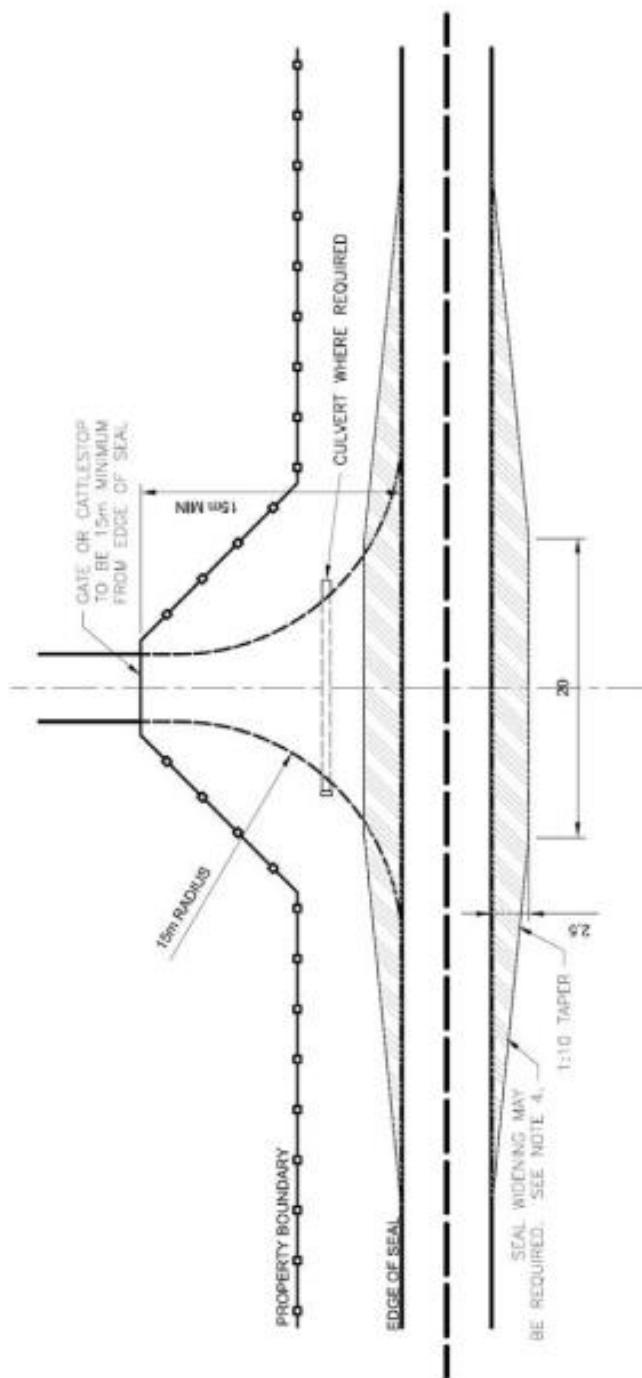
Standard Construction Drawings

R09-1 Private Rural Access



Standard Construction Drawings

R09-2 High Use or Primary Commercial Access



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

GO
DISTRICT COUNCIL
RE

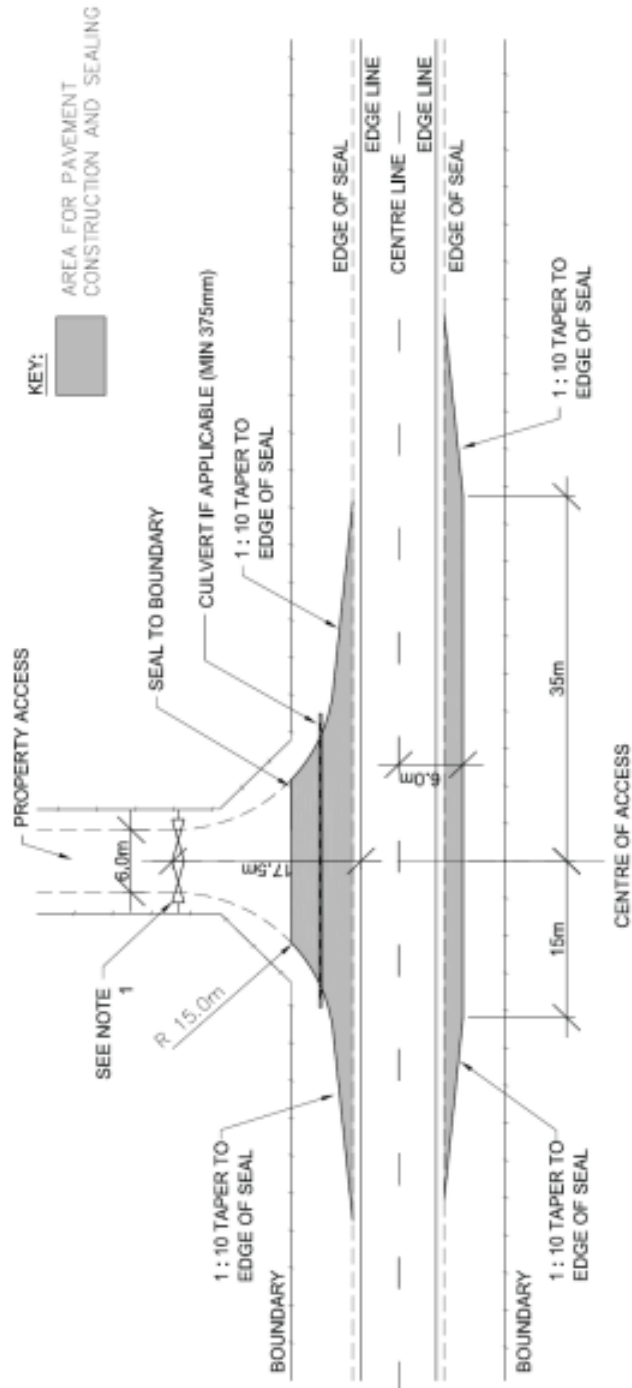
**HIGH USE OR PRIMARY
COMMERCIAL ACCESS**

**Not To Scale
Original Size A4**

R09-2

Standard Construction Drawings

R09-3 High Use Commercial Access on Arterial Routes



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



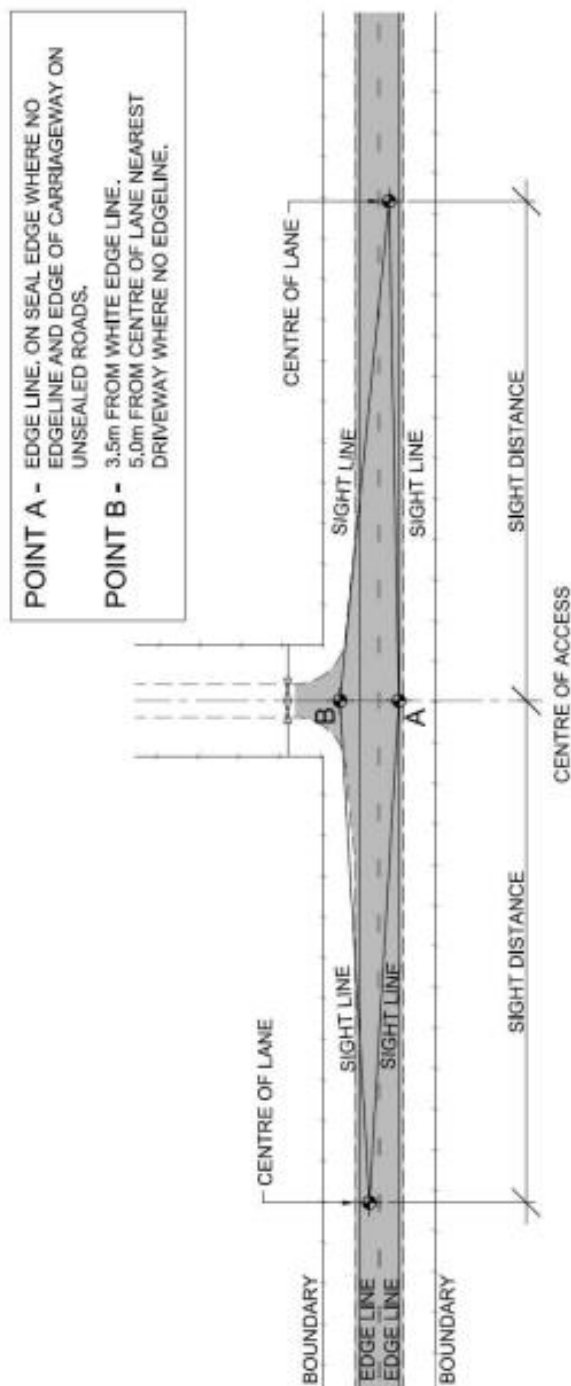
RURAL MILKTANKER ACCESS

SCALE: Not to Scale

R09-3

Standard Construction Drawings

R10 Access Sight Lines



ACCESS SIGHT LINES

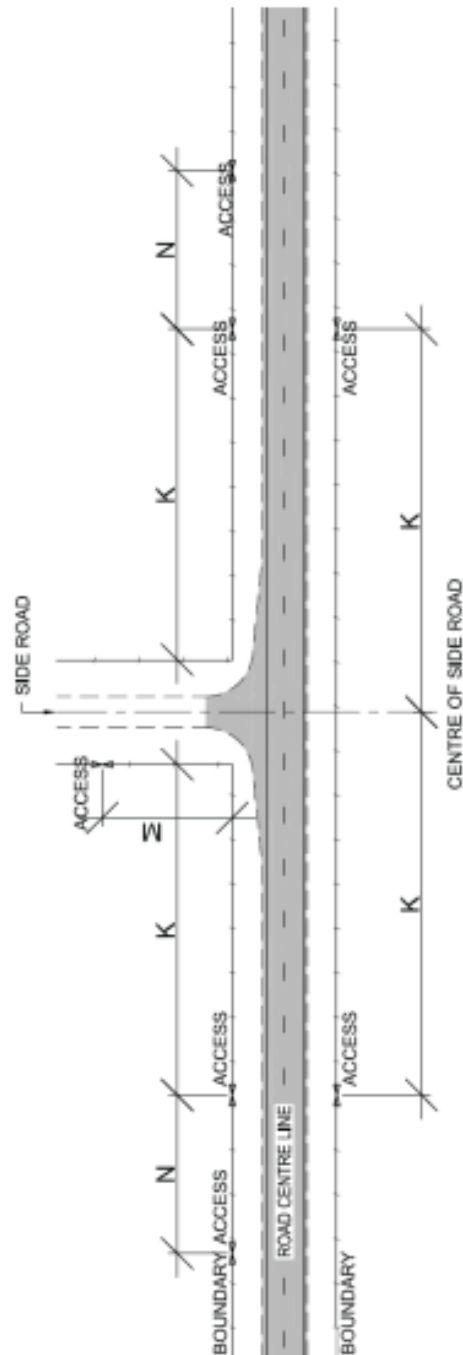
NOTES

1. SIGHT DISTANCES SHALL BE MEASURED FROM A POINT 1.5 m (MOTORISTS EYE LEVEL) ABOVE THE FINISHED SURFACE OF THE ACCESS CROSSING PLACE AND 1.5m 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

Standard Construction Drawings

R11 Access Separation From Intersections and Other Accesses



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

