Vehicle Crossing Standard Drawings

G-100 - Road Definitions

G-101-1- Kerb & Channel Profiles sheet 1

G-101-2 – Kerb & Channel Profiles sheet 2

G-102-1 – Footpaths: Typical Cross Section

G-103 - Vehicle Kerb Crossing - Standard Drop

G-104 - Vehicle Kerb Crossing - Standard Modified

G-105 - Rural Entranceway

G-109 - Site Distance for Intersections & Accessways

G-113 - Installation of Mailbox/Accessway

G-202-2 – Soakpit Rural

G-202-1 – Soakpit Urban

G-203 – Vehicle Kerb Crossing – Light Commercial Drop

G-204 – Vehicle Kerb Crossing – Light Commercial Modified

G-205 – Vehicle Kerb Crossing – Heavy Commercial Drop

G-206 – Vehicle Kerb Crossing – Heavy Commercial Modified

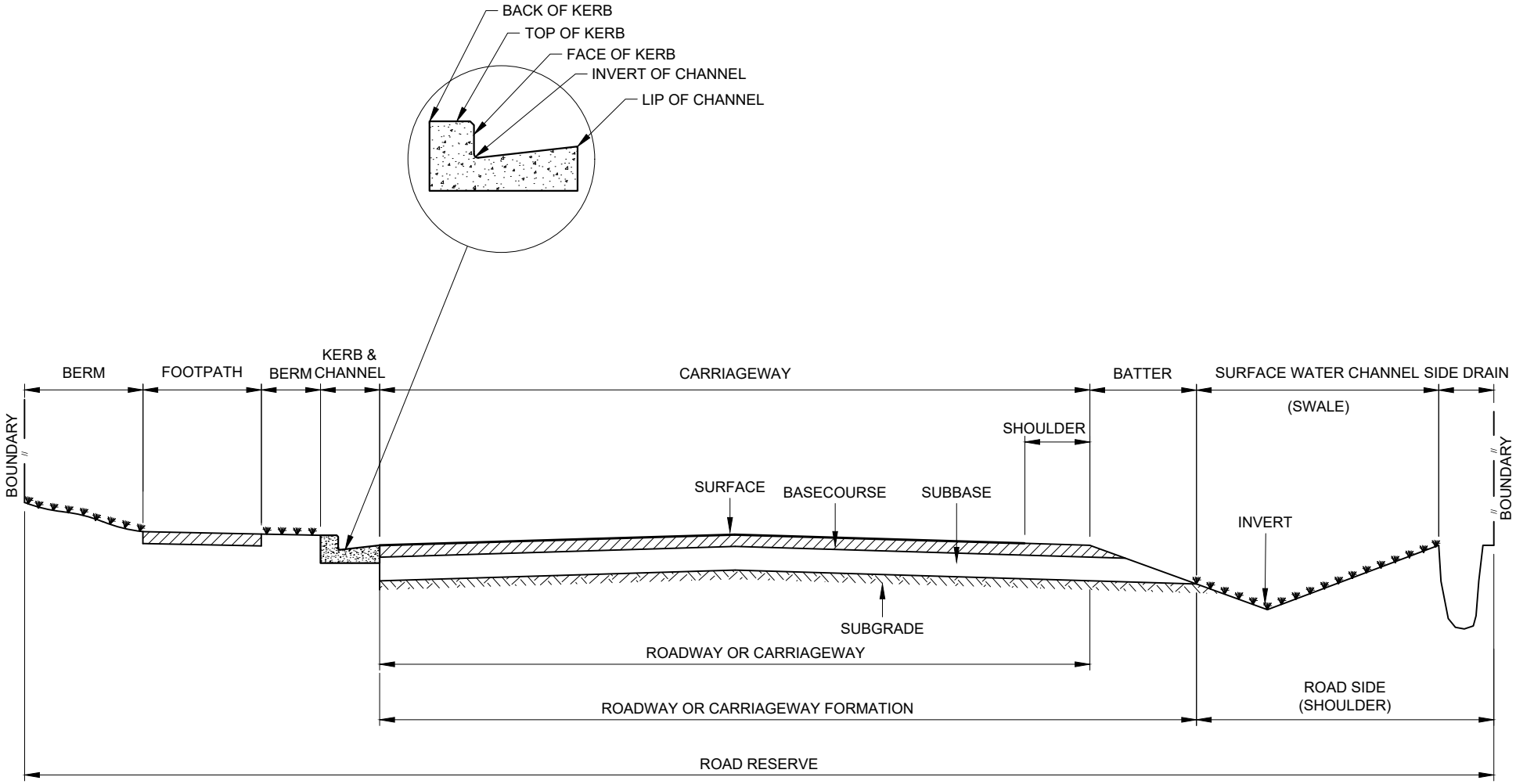
G-207 – Vehicle Kerb Crossing – Industrial Drop

G-208 – Vehicle Kerb Crossing – Industrial Modified

G-209 – Vehicle Kerb Crossing – Industrial Drop with AC

Heavy Use Driveway 1 - Secondary Collector/Access/Low Volume

Heavy Use Driveway 2 - Arterial/Primary Collector



DRAWING USED BY TLA :

ADC Y/N TDC Y/N

MDC Y/N WDC Y/N

No.	REVISION	BY	CHK	APP.	DATE
C	TEXT UPDATED	MAT	SD		05/20
B	ISSUED FOR CONSTRUCTION	MAT	GRP	SWD	07/15
A	ISSUED FOR MAINTENANCE CONTRACT	MAT	GRP	SWD	07/15

TITLE:

ROAD DEFINITIONS

AORAKI ROADING COLLABORATION

ORIGINAL SCALE (A4): NOT TO SCALE

DRAWING NUMBER: G-100

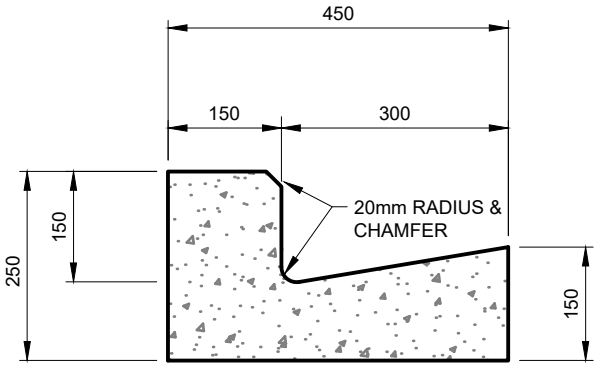
REVISION: C

SHEET: 1 OF: 1

Original Sheet Size A4 (210 x 297)

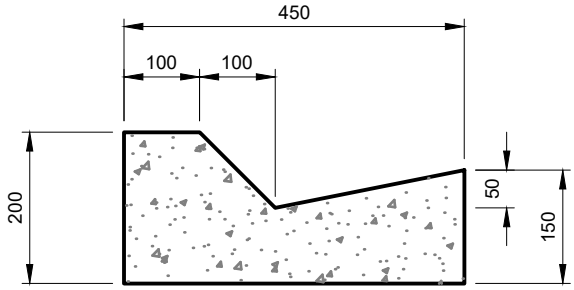
N:\Standard Plans\G Series\dwgs\Rev C\G-100 Commonly Used Road Terms Rev C.dwg

DO NOT SCALE - IF IN DOUBT ASK

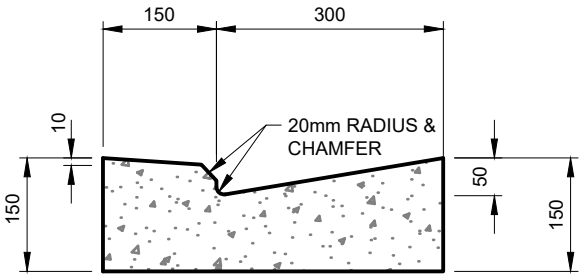


STANDARD KERB & CHANNEL

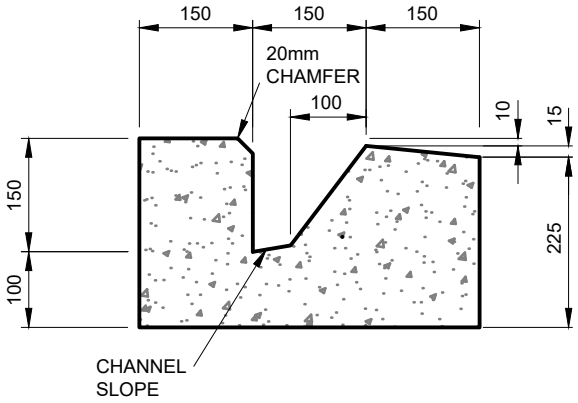
AS PER NZS 4404:2010



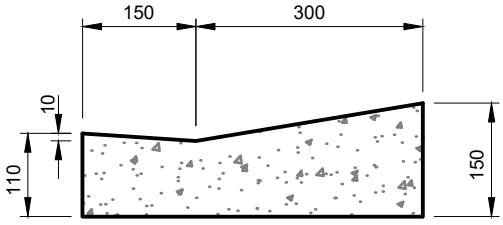
MOUNTABLE KERB & CHANNEL



VEHICLE KERB CROSSING - DROP



VEHICLE KERB CROSSING - MODIFIED



PEDESTRIAN & WHEELCHAIR KERB CROSSING

NOTES:

1. CONCRETE TO BE NZS 3109 WITH A 28 DAY STRENGTH - 30mPa
2. A BASECOURSE LAYER UNDER THE K&C AND APRON MUST BE 150mm AP40 M/4 COMPACTED TO TNZ B/2
3. SCALA TEST THE SUBGRADE SURFACE TO ACHIEVE A CBR OF 7 MINIMUM
4. SHOULD THE SUBBASE MATERIAL BE UNSUITABLE A 150mm MINIMUM DEPTH OF AP65 MUST BE LAID AND COMPACTED TO A MAXIMUM DEPTH OF 1m BELOW THE FINISHED LEVEL OF THE CROSSING

DRAWING USED BY TLA :

ADC Y/N TDC Y/N

MDC Y/N WDC Y/N

No.	REVISION	BY	CHK	APP.	DATE
C	DETAILING UPDATE	MAT	SD		05/20
B	ISSUED FOR CONSTRUCTION	MAT	GRP	SWD	11/15
A	ISSUED FOR MAINTENANCE CONTRACT	MAT	GRP	SWD	07/15

TITLE:

KERB & CHANNEL PROFILES

AORAKI ROADING COLLABORATION

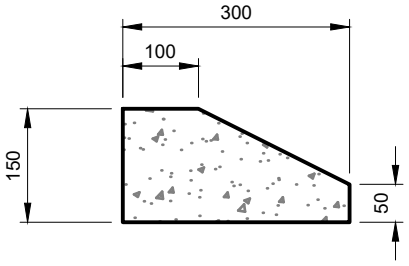
ORIGINAL SCALE (A4): NTS

DRAWING NUMBER: G-101

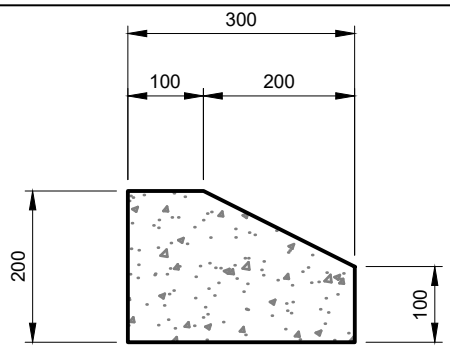
REVISION: C

SHEET: 1 OF: 2

Original Sheet Size A4 (210 x 297) N:\Standard Plans\G Series\dwg\Rev C\G-101 K & C Profiles Rev C.dwg DO NOT SCALE - IF IN DOUBT ASK

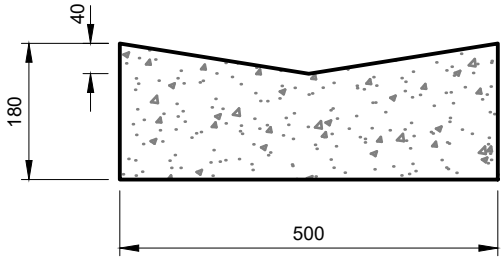


MOUNTABLE ISLAND KERB

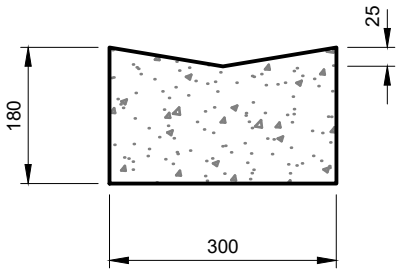


MOUNTABLE NIB KERB

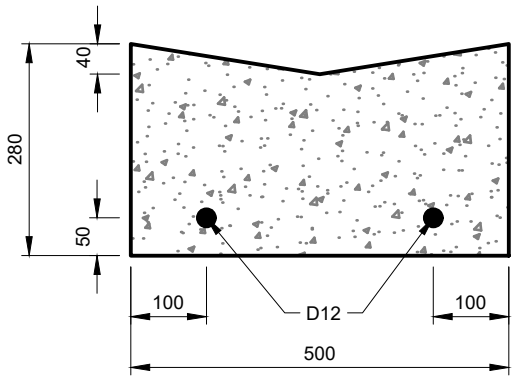
AS PER NZS 4404:2010



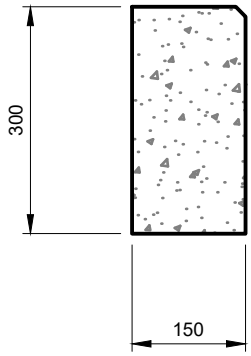
STANDARD DISH CHANNEL



DISH CHANNEL 300 WIDE

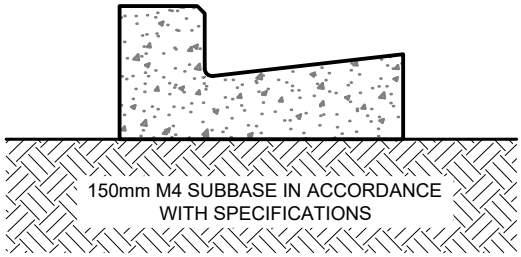


REINFORCED DISH CHANNEL



STANDARD NIB KERB

AS PER NZS 4404:2010



FOUNDATION DETAIL

NOTES:

1. CONCRETE TO BE NZS 3109 WITH A 28 DAY STRENGTH - 30mPa
2. A BASECOURSE LAYER UNDER THE K&C AND APRON MUST BE 150mm AP40 M/4 COMPACTED TO TNZ B/2
3. SCALA TEST THE SUBGRADE SURFACE TO ACHIEVE A CBR OF 7 MINIMUM
4. SHOULD THE SUBBASE MATERIAL BE UNSUITABLE A 150mm MINIMUM DEPTH OF AP65 MUST BE LAID AND COMPACTED TO A MAXIMUM DEPTH OF 1m BELOW THE FINISHED LEVEL OF THE CROSSING

DRAWING USED BY TLA :

ADC Y/N TDC Y/N

MDC Y/N WDC Y/N

No.	REVISION	BY	CHK	APP.	DATE
C	LAYOUT UPDATE	MAT	SD		05/20
B	ISSUED FOR CONSTRUCTION	MAT	GRP	SWD	11/15
A	ISSUED FOR MAINTENANCE CONTRACT	MAT	GRP	SWD	07/15

TITLE:

KERB & CHANNEL PROFILES

AORAKI ROADING COLLABORATION

ORIGINAL SCALE (A4): NTS

DRAWING NUMBER: G-101

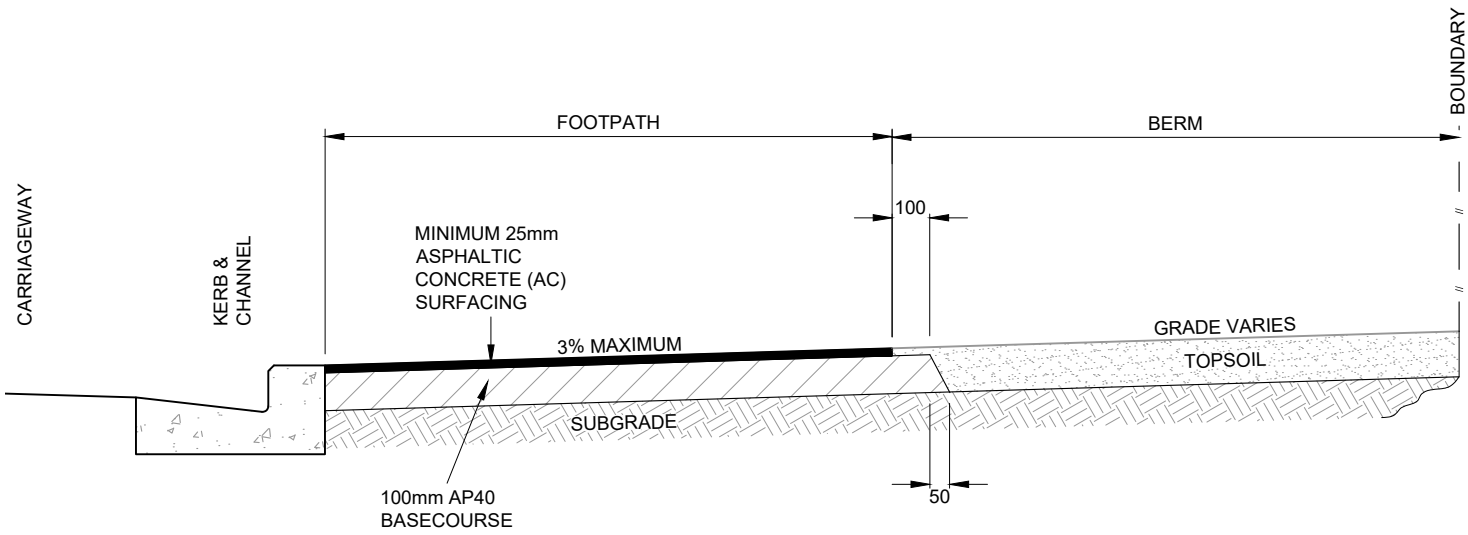
REVISION: C

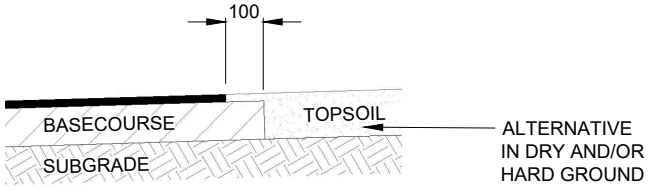
SHEET: 2 OF: 2

Original Sheet Size A4 (210 x 297)

N:\Standard Plans\G Series\dwg/Rev C\G-101 K & C Profiles Rev C.dwg

DO NOT SCALE - IF IN DOUBT ASK





DRAWING USED BY TLA :

ADC Y/N TDC Y/N

MDC Y/N WDC Y/N

No.	REVISION	BY	CHK	APP.	DATE
C	DETAILING UPDATE	MAT	SD		05/20
B	ISSUED FOR CONSTRUCTION	MAT	GRP	SWD	11/15
A	ISSUED FOR MAINTANANCE CONTRACT	MAT	GRP	SWD	07/15

TITLE:

FOOTPATH CROSS SECTION

AORAKI ROADING COLLABORATION

ORIGINAL SCALE (A4): NOT TO SCALE

DRAWING NUMBER: G-102

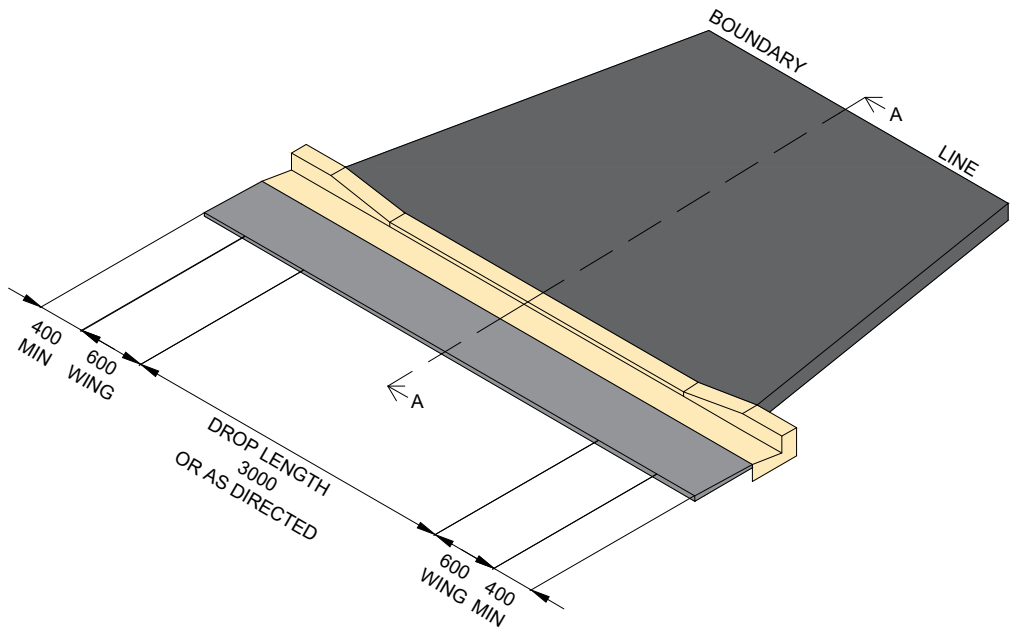
REVISION: C

SHEET: 1 OF: 4

Original Sheet Size A4 (210 x 297)

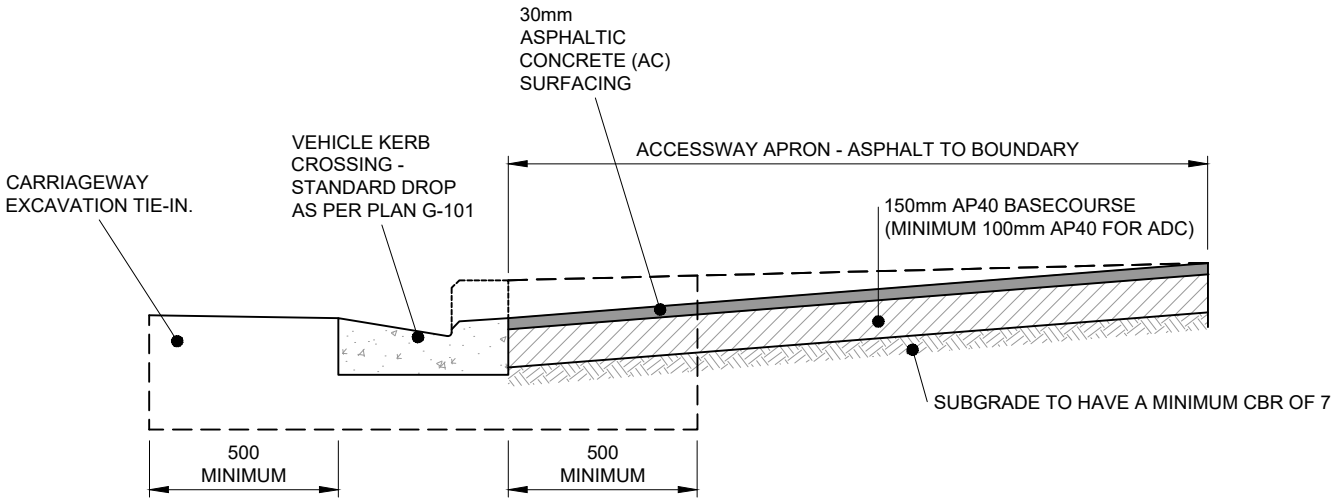
N:\Standard Plans\G Series\dwg\Rev C\G-102 Footpath Cross Section Rev C.dwg DO NOT SCALE - IF IN DOUBT ASK

NOTE
VEHICLE CROSSINGS SHALL HAVE A CROSS-OVER ANGLE NO GREATER THAN 12%, DESIRED TO BE LESS 8%



VEHICLE KERB CROSSING - STANDARD DROP

NOT TO SCALE



CROSS SECTION A-A

NOT TO SCALE

DRAWING USED BY TLA :

ADC Y/N TDC Y/N

MDC Y/N WDC Y/N

No.	REVISION	BY	CHK	APP.	DATE
C	DETAILING UPDATE	MAT	SD	AD	05/20
B	ISSUED FOR CONSTRUCTION	MAT	GRP	SWD	11/15
A	ISSUED FOR MAINTENANCE CONTRACT	MAT	GRP	SWD	7/15

TITLE:

VEHICLE KERB CROSSING - STANDARD DROP

AORAKI ROADING COLLABORATION

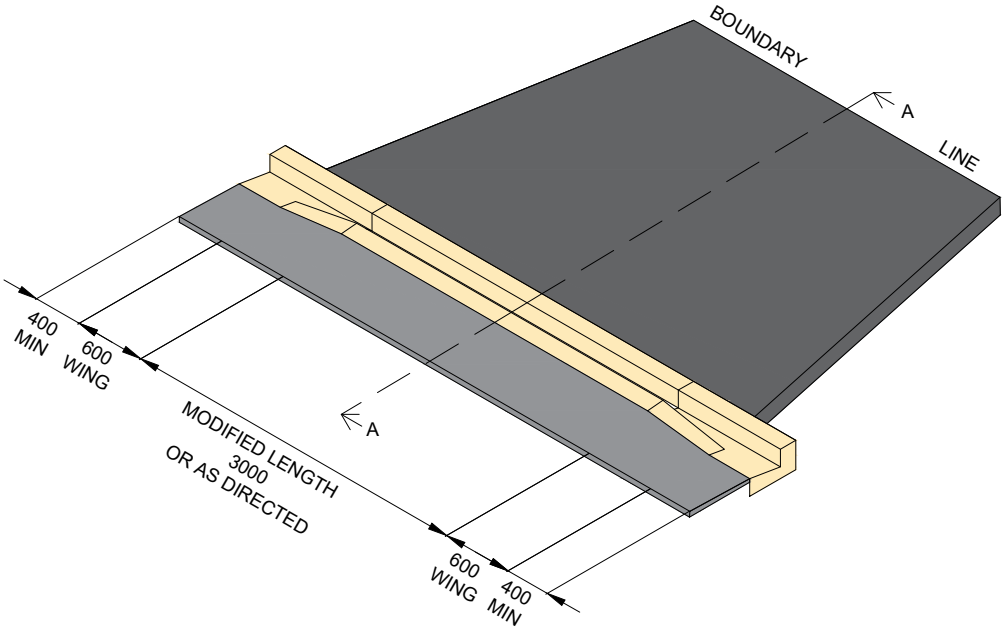
ORIGINAL SCALE (A4): NTS

DRAWING NUMBER: G-103

REVISION: C

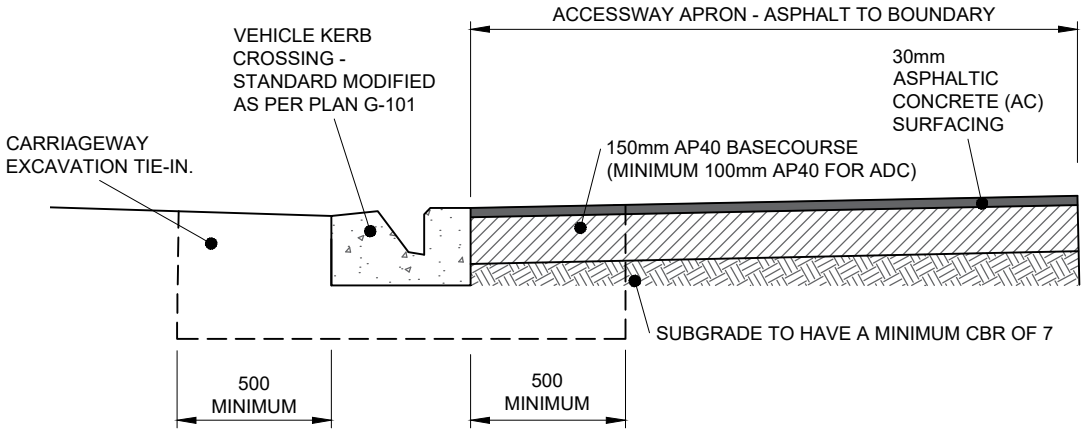
SHEET: 1 OF: 1

NOTE
VEHICLE CROSSINGS SHALL HAVE A CROSS-OVER ANGLE NO GREATER THAN 12%, DESIRED TO BE LESS 8%



VEHICLE KERB CROSSING - STANDARD MODIFIED

NOT TO SCALE



CROSS SECTION A-A

NOT TO SCALE

DRAWING USED BY TLA :

ADC Y/N TDC Y/N

MDC Y/N WDC Y/N

No.	REVISION	BY	CHK	APP.	DATE
A	NEW DRAWING	MAT	SD	AD	05/20

TITLE:

VEHICLE KERB CROSSING - STANDARD MODIFIED

AORAKI ROADING COLLABORATION

ORIGINAL SCALE (A4): NTS

DRAWING NUMBER: G-104

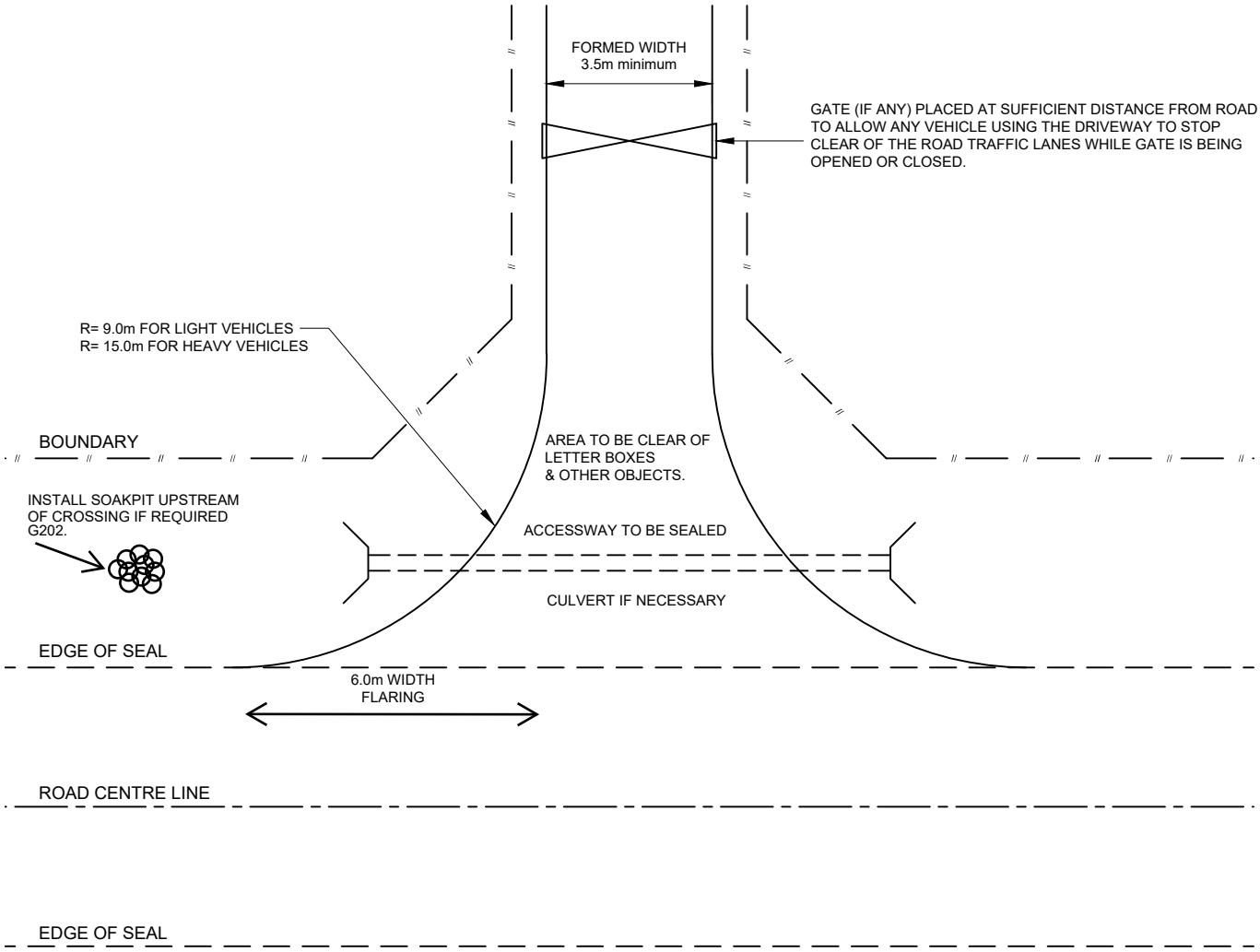
REVISION: A

SHEET: 1 OF: 1

Original Sheet Size A4 (210 x 297) N:\Standard Plans\G Series\dwgs\Rev C\G-103 Residential Crossing Rev C.dwg DO NOT SCALE - IF IN DOUBT ASK

NOTE

FOR DEEP SWALES COUNCIL RECOMMENDS THE INSTALLATION OF DRAINAGE PIPES. THE PIPE MATERIAL SHALL BE CONCRETE AND SHALL BE INSTALLED IN THE ROAD SHOULDER CHANNEL WITH A MINIMUM OF 300mm FILL OVER PIPE.



DRAWING USED BY TLA :

ADC Y/N TDC Y/N

MDC Y/N WDC Y/N

No.	REVISION	BY	CHK	APP.	DATE
A	NEW DRAWING	MAT	SR	SD	05/20

TITLE:

RURAL ENTRANCEWAYS

COLLECTOR & LOCAL ACCESS ROADS

AORAKI ROADING COLLABORATION

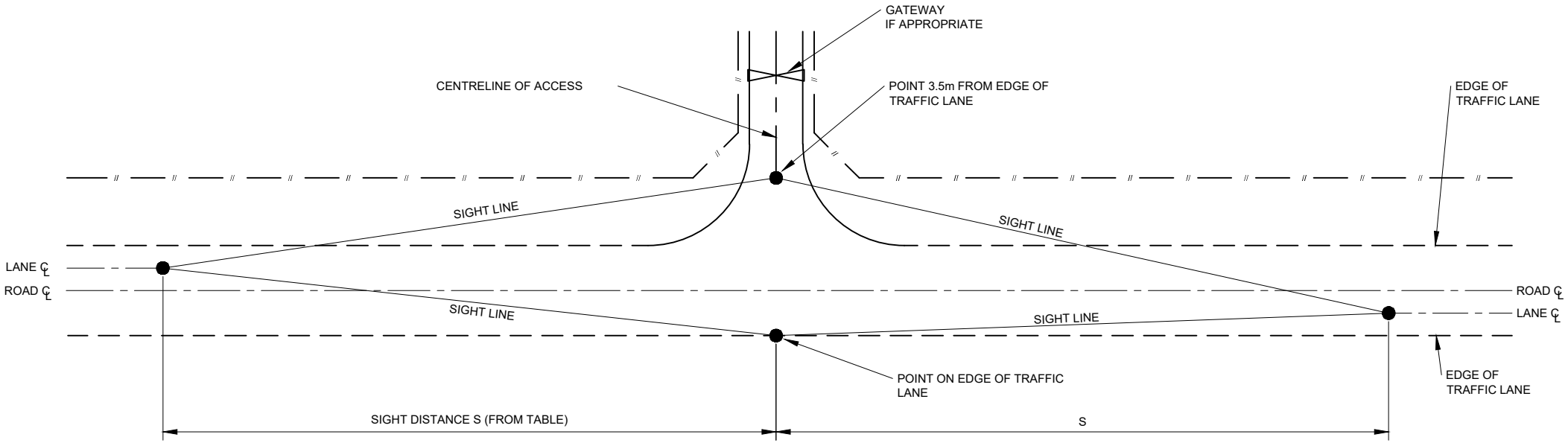
ORIGINAL SCALE (A4): NTS

DRAWING NUMBER: G-105

REVISION: A

SHEET: 1 OF: 1

Original Sheet Size A4 (210 x 297) N:\Standard Plans\G Series\dwgs\Rev A\G-105 Rural Entranceway RevA.dwg DO NOT SCALE - IF IN DOUBT ASK



NOTES:

- SIGHT DISTANCES SHALL BE MEASURED TO AND FROM A HEIGHT OF 1.15m ABOVE THE EXISTING ROAD SURFACE AND THE PROPOSED SURFACE LEVEL OF THE SIDE ROAD OR ACCESS. THERE ARE TO BE NO OBSTRUCTIONS TO VISIBILITY INSIDE THE AREA BOUNDED BY THE SIGHT LINES.
- SEE ALSO G-111 SHEET 3 VEGETATION CONTROL - SIGHT DISTANCES AT INTERSECTIONS

POSTED SPEED LIMIT	MINIMUM SIGHT DISTANCE (S) (METRES)	MINIMUM DISTANCE TO EXISTING ACCESS (M) (SAME SIDE OF ROAD)	MINIMUM DISTANCE TO ACCESS LOCATED ON A SECONDARY ROAD TO AN INTERSECTION (M)
50	85	10	10
60	115	15	15
70	140	20	20
80	170	100	30
100	250	200	30

DRAWING USED BY TLA :

ADC Y/N TDC Y/N

MDC Y/N WDC Y/N

No.	REVISION	BY	CHK	APP.	DATE
A	ISSUED FOR CONSTRUCTION	WHC	SD	AD	05/20

TITLE:

SIGHT DISTANCE FOR INTERSECTIONS & ACCESSWAYS

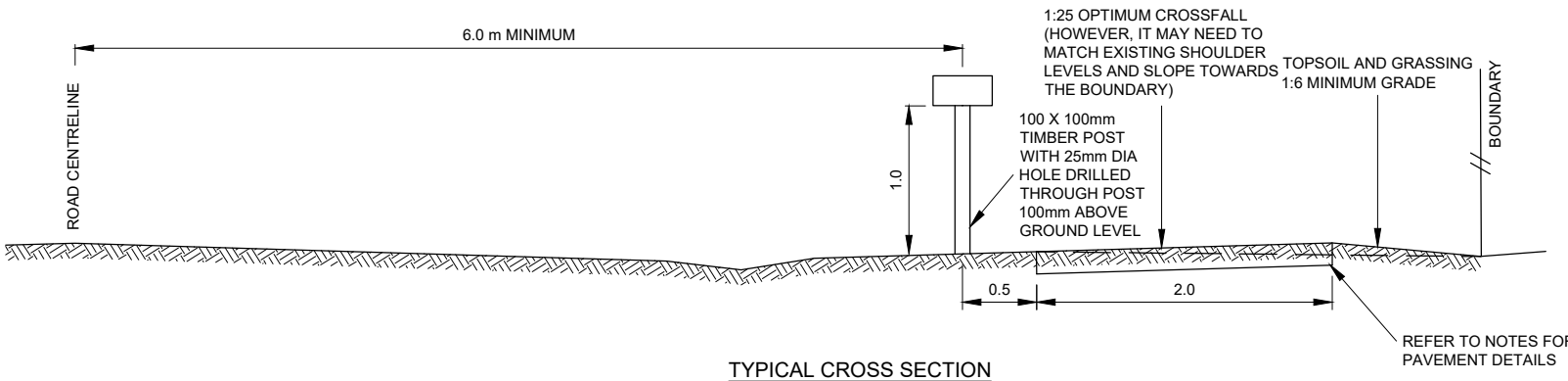
AORAKI ROADING COLLABORATION

ORIGINAL SCALE (A4): NOT TO SCALE

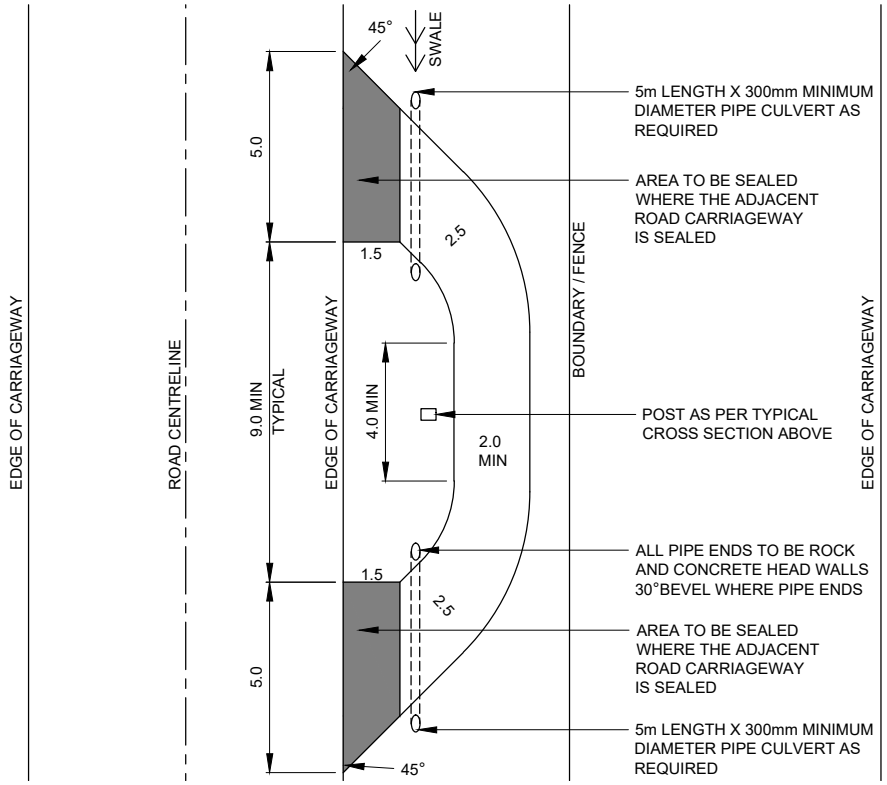
DRAWING NUMBER: G-109

REVISION: A

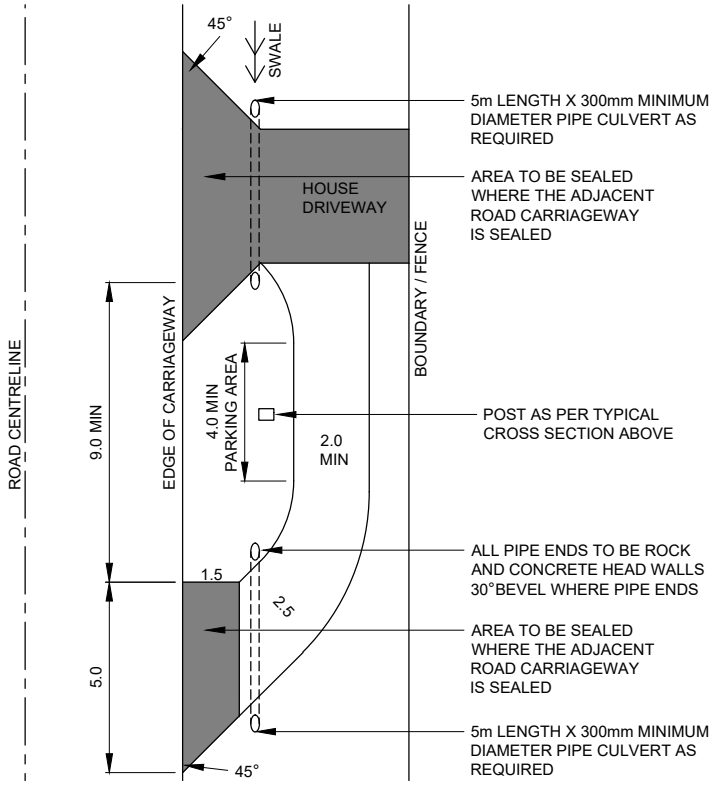
SHEET: 1 OF: 1



TYPICAL CROSS SECTION



RURAL MAILBOX ACCESSWAYS - TYPICAL LAYOUT



RURAL MAILBOX ACCESSWAYS - ALTERNATIVE LAYOUT

NOTES

FOR DEEP SWALES COUNCIL RECOMMENDS THE INSTALLATION OF DRAINAGE PIPES. THE PIPE MATERIAL SHALL BE CONCRETE AND SHALL BE INSTALLED IN THE ROAD SHOULDER CHANNEL WITH A MINIMUM OF 300mm FILL OVER PIPE. SEE CROSS SECTION FOR DETAILS

FOR SHALLOW SWALES THE ACCESSWAY SHOULD FOLLOW THE EXISTING CONTOUR OF THE ROAD SHOULDER THROUGH THE WATER TABLE. SWALE DRAINS ARE TO BE A MINIMUM OF 1m WIDE FORMED IN LINE WITH ANY EXISTING ROAD SWALE AND ARE TO BE NO HIGHER THAN THE EXISTING GROUND LEVEL. THE SWALE DRAIN IS REQUIRED TO BE SEALED IF LOCATED WITHIN 1.5m OF A SEALED CARRIAGEWAY.

THE ONGOING MAINTENANCE OF THE MAILBOX AND/OR ITS ASSOCIATED ACCESSWAY IS THE RESPONSIBILITY OF THE LANDOWNER. THE ACCESSWAYS ARE TO BE CONSTRUCTED AS FOLLOWS.

SEALED ROADS

- A PAVEMENT DEPTH OF 165mm AP65, THEN 100mm AP40 M/4, FOLLOWED BY A TWO COAT SEAL OF GRADE 3 AND 5 CHIP, SEALED AS PER COUNCILS STANDARD PLANS.
- ALL EXCAVATED AREAS TO BE FORMED UP WITH 150mm OF WELL-COMPACTED AP40 M/4 METAL AND REINSTATED WITH 30mm AC AS PER COUNCILS STANDARD PLANS.

UNSEALED ROADS

- A PAVEMENT DEPTH OF 100mm AP40 M/4 THEN 50mm AP20 M/4 AS PER COUNCILS STANDARD PLANS.

DRAWING USED BY TLA :

ADC Y/N TDC Y/N

MDC Y/N WDC Y/N

No.	REVISION	BY	CHK	APP.	DATE
B	TITLE BLOCK UPDATE	WHC	SD	AD	05/20
A	ISSUED	WC	FM	AD	06/17

TITLE:

INSTALLATION OF MAILBOX / ACCESSWAY

AORAKI ROADING COLABORATION

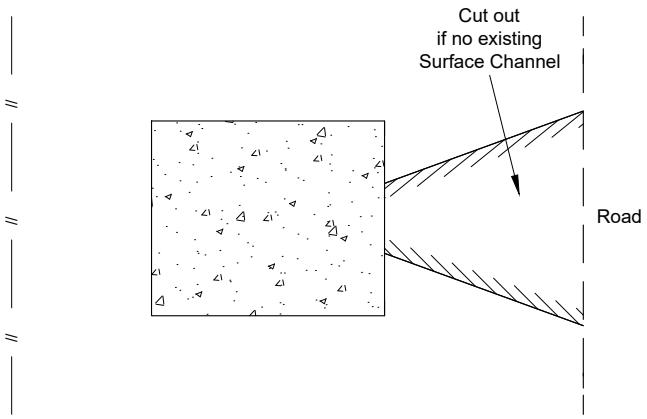
ORIGINAL SCALE (A4): NOT TO SCALE

DRAWING NUMBER: G-113

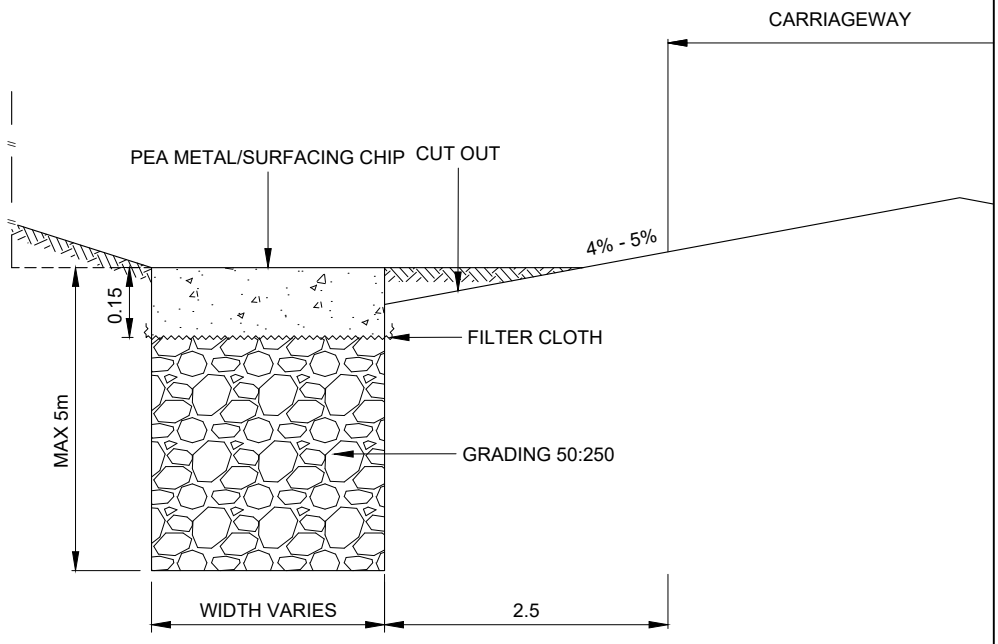
REVISION: B

SHEET: 1 OF: 1

Original Sheet Size A4 (210 x 297) N:\Standard Plans\G Series\dwgs\Rev B\G-105 Rural Entranceway Rev B.dwg DO NOT SCALE - IF IN DOUBT ASK



PLAN



CROSS SECTION

DRAWING USED BY TLA :

ADC Y/N TDC Y/N

MDC Y/N WDC Y/N

No.	REVISION	BY	CHK	APP.	DATE
C	TITLE BLOCK UPDATED	MAT	SD	AD	05/20
B	ISSUED FOR CONSTRUCTION	MAT	GRP	SWD	11/15
A	ISSUED FOR MAINTENANCE CONTRACT	MAT	GRP	SWD	7/15

TITLE:

SOAK PIT - RURAL

AORAKI ROADING COLLABORATION

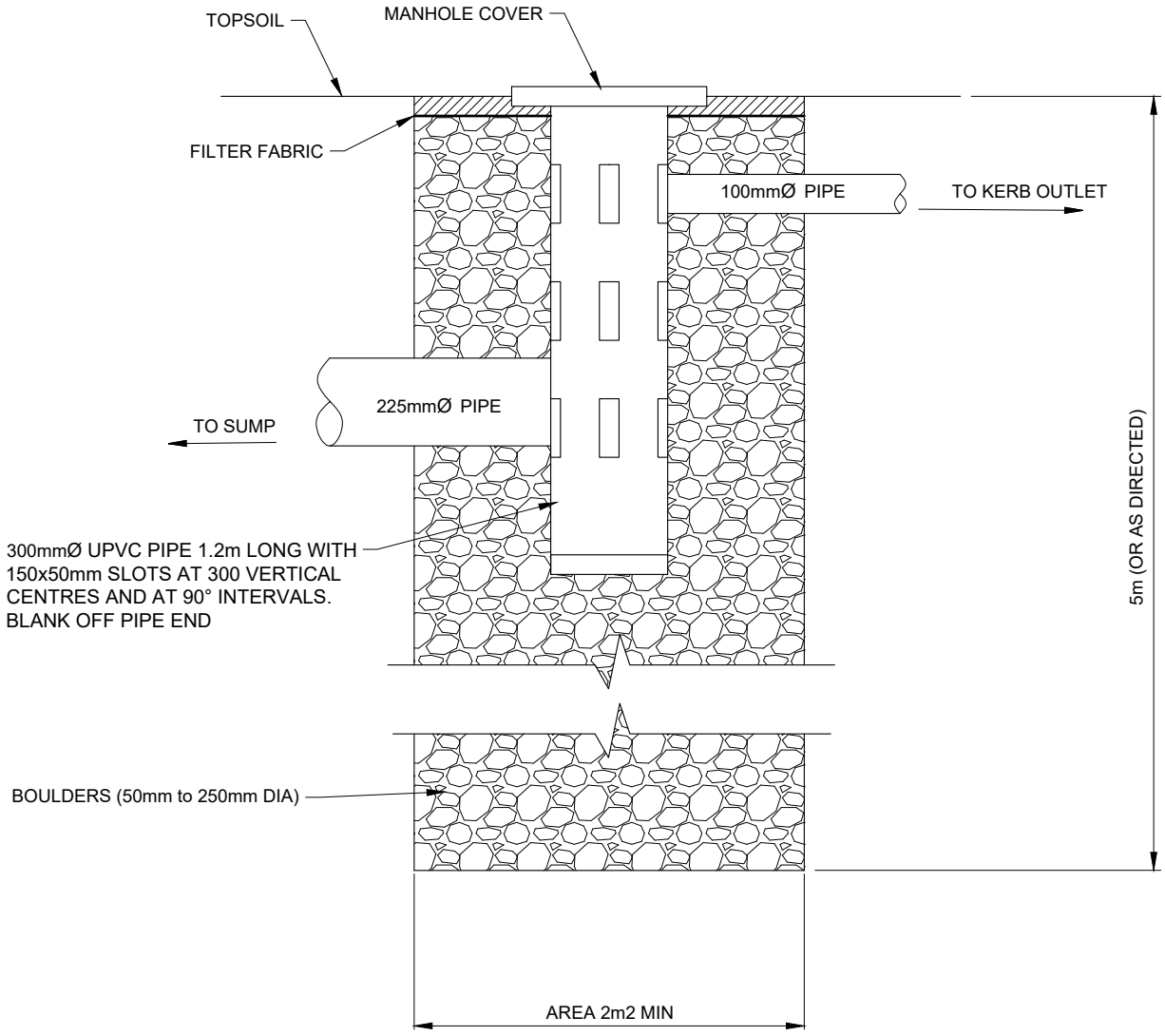
ORIGINAL SCALE (A4): NOT TO SCALE

DRAWING NUMBER: G-202

REVISION: C

SHEET: 1 OF: 2

Original Sheet Size A4 (210 x 297) N:\Standard Plans\G Series\dwg\Rev C\G-202 Swale Drain Detail Rev C.dwg DO NOT SCALE - IF IN DOUBT ASK



DETAIL

NOT TO SCALE

DRAWING USED BY TLA :

ADC Y/N TDC Y/N

MDC Y/N WDC Y/N

No.	REVISION	BY	CHK	APP.	DATE
A	NEW DRAWING	MAT	SD	AD	05/20

TITLE:

SOAK PIT - URBAN

AORAKI ROADING COLLABORATION

ORIGINAL SCALE (A4): NOT TO SCALE

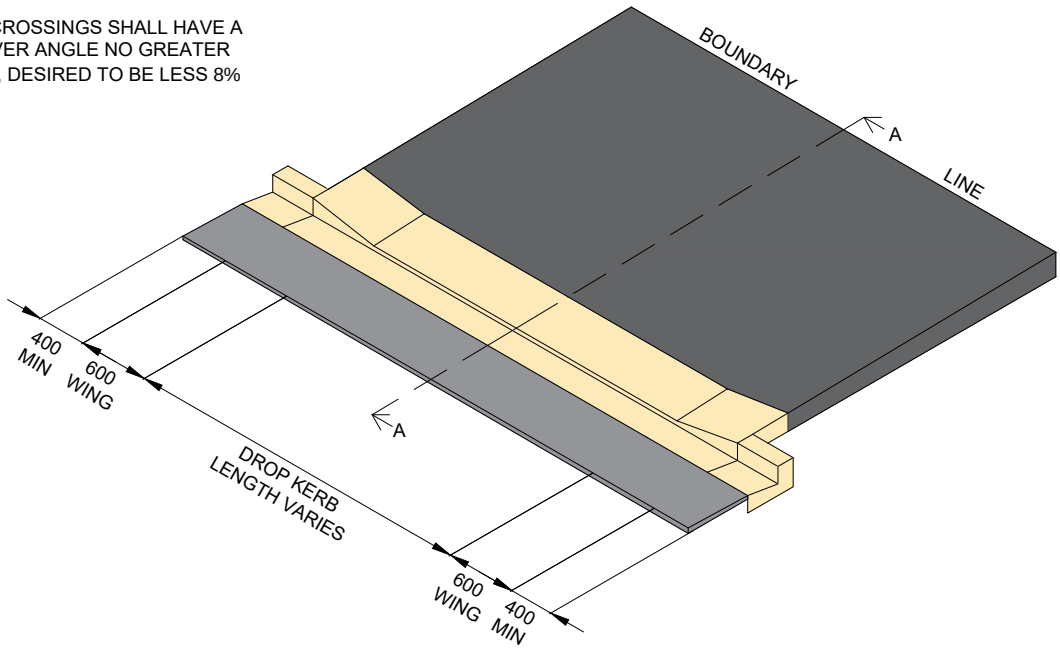
DRAWING NUMBER: G-202

REVISION: A

SHEET: 2 OF: 2

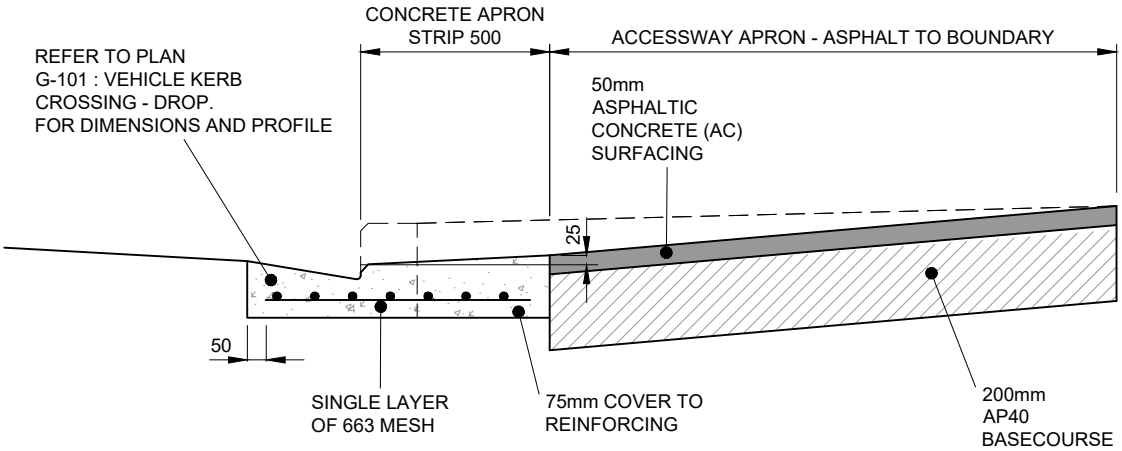
Original Sheet Size A4 (210 x 297) N:\Standard Plans\G Series\dwg\Rev C\G-202 Swale Drain Detail Rev C.dwg DO NOT SCALE - IF IN DOUBT ASK

NOTE
VEHICLE CROSSINGS SHALL HAVE A CROSS-OVER ANGLE NO GREATER THAN 12%, DESIRED TO BE LESS 8%



VEHICLE KERB CROSSING - LIGHT COMMERCIAL DROP

NOT TO SCALE



CROSS SECTION A-A

NOT TO SCALE

NOTES:

1. SINGLE LAYER OF 'REINFORCING MESH' IS TO BE 663 STEEL MESH
2. CONCRETE TO BE NZS 3109 WITH A 38 DAY STRENGTH OF 30MPa
3. A BASECOURSE LAYER UNDER THE KERB & CHANNEL AND APRON MUST BE 150mm AP40 M/4 COMPACTED TO TNZ B/2
4. SCALA TEST THE SUBGRADE SURFACE TO ACHIEVE A CBR OF 7 MINIMUM
5. SHOULD THE SUBBASE MATERIAL BE UNSUITABLE A 150mm MINIMUM DEPTH OF AP65 MUST BE LAID AND COMPACTED TO A MAXIMUM DEPTH OF 1m BELOW THE FINISHED SURFACE OF THE CROSSING.

DRAWING USED BY TLA :

ADC Y/N TDC Y/N

MDC Y/N WDC Y/N

No.	REVISION	BY	CHK	APP.	DATE
A	NEW DRAWING	MAT	SD	AD	04/20

TITLE:

VEHICLE KERB CROSSING
- LIGHT COMMERCIAL DROP

AORAKI ROADING COLLABORATION

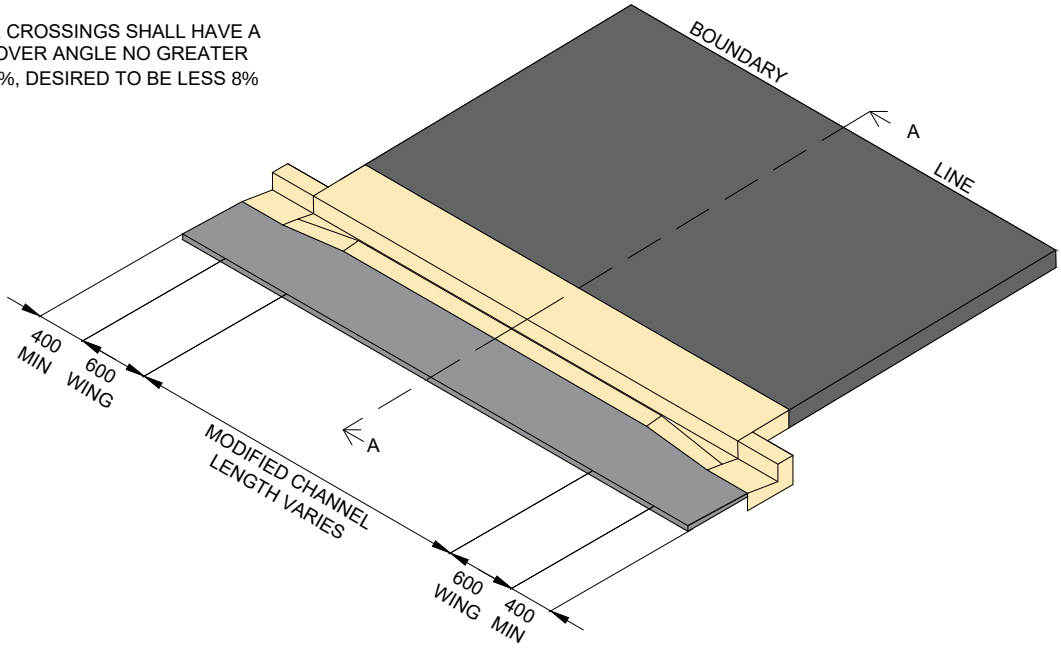
ORIGINAL SCALE (A4): NTS

DRAWING NUMBER: G-203

REVISION: A

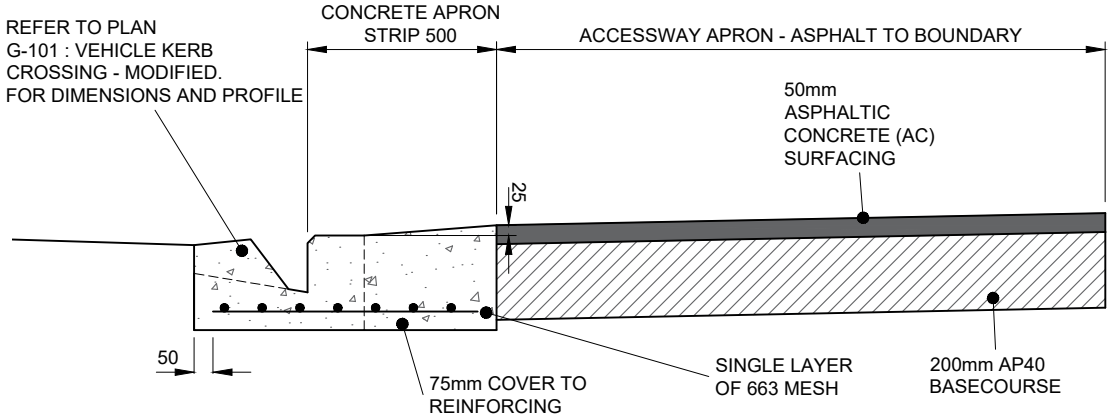
SHEET: 1 OF: 1

NOTE
VEHICLE CROSSINGS SHALL HAVE A CROSS-OVER ANGLE NO GREATER THAN 12%, DESIRED TO BE LESS 8%



VEHICLE KERB CROSSING - LIGHT COMMERCIAL MODIFIED

NOT TO SCALE



CROSS SECTION A-A

NOT TO SCALE

NOTES:

1. SINGLE LAYER OF 'REINFORCING MESH' IS TO BE 663 STEEL MESH
2. CONCRETE TO BE NZS 3109 WITH A 38 DAY STRENGTH OF 30MPa
3. A BASECOURSE LAYER UNDER THE KERB & CHANNEL AND APRON MUST BE 150mm AP40 M/4 COMPACTED TO TNZ B/2
4. SCALA TEST THE SUBGRADE SURFACE TO ACHIEVE A CBR OF 7 MINIMUM
5. SHOULD THE SUBBASE MATERIAL BE UNSUITABLE A 150mm MINIMUM DEPTH OF AP65 MUST BE LAID AND COMPACTED TO A MAXIMUM DEPTH OF 1m BELOW THE FINISHED SURFACE OF THE CROSSING.

DRAWING USED BY TLA :

ADC Y/N TDC Y/N

MDC Y/N WDC Y/N

No.	REVISION	BY	CHK	APP.	DATE
A	NEW DRAWING	MAT	SD	AD	04/20

TITLE:

VEHICLE KERB CROSSING
- LIGHT COMMERCIAL MODIFIED

AORAKI ROADING COLLABORATION

ORIGINAL SCALE (A4): NTS

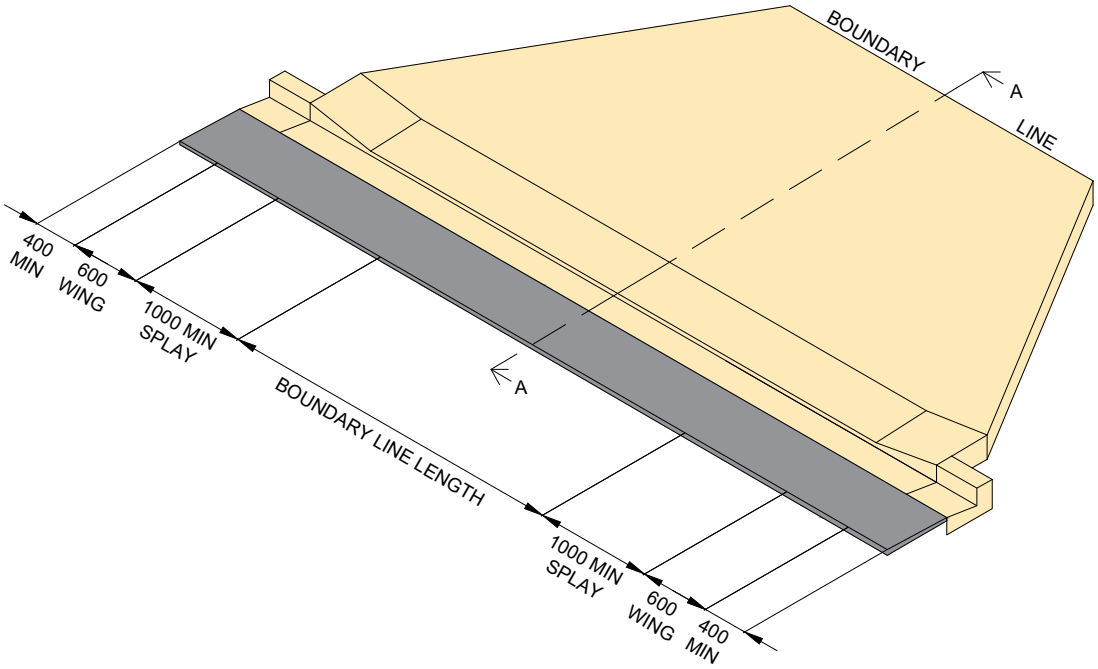
DRAWING NUMBER: G-204

REVISION: A

SHEET: 1 OF: 1

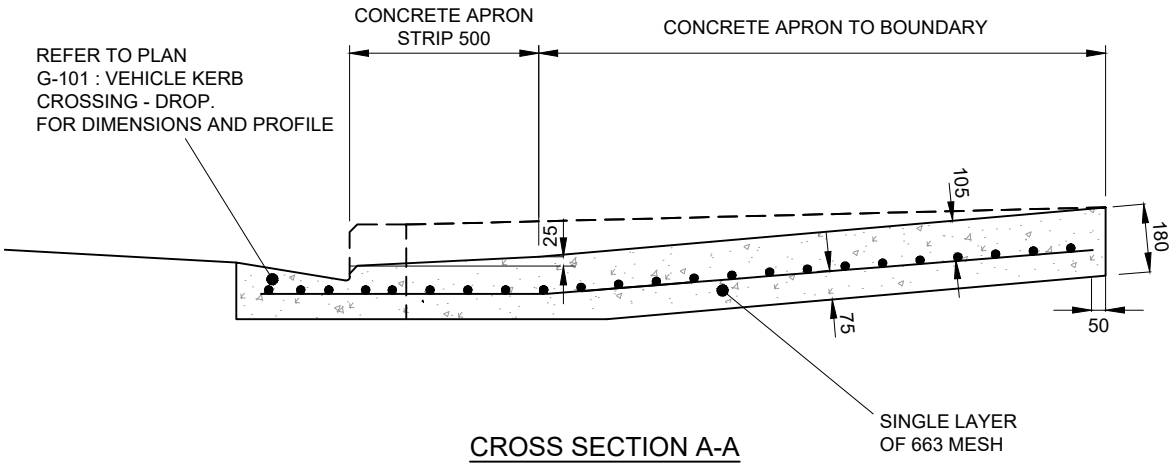
Original Sheet Size A4 (210 x 297) N:\Standard Plans\G Series\dwgs\Rev C\G-103 Residential Crossing Rev C.dwg DO NOT SCALE - IF IN DOUBT ASK

NOTE
VEHICLE CROSSINGS SHALL HAVE A
CROSS-OVER ANGLE NO GREATER
THAN 12%, DESIRED TO BE LESS 8%



VEHICLE KERB CROSSING - HEAVY COMMERCIAL DROP

NOT TO SCALE



CROSS SECTION A-A

NOT TO SCALE

NOTES:

1. SINGLE LAYER OF 'REINFORCING MESH' IS TO BE 663 STEEL MESH
2. CONCRETE TO BE NZS 3109 WITH A 28 DAY STRENGTH OF 30MPa
3. A BASECOURSE LAYER UNDER THE KERB & CHANNEL AND APRON MUST BE 150mm AP40 M/4 COMPACTED TO TNZ B/2
4. SCALA TEST THE SUBGRADE SURFACE TO ACHIEVE A CBR OF 7 MINIMUM
5. SHOULD THE SUBBASE MATERIAL BE UNSUITABLE A 150mm MINIMUM DEPTH OF AP65 MUST BE LAID AND COMPACTED TO A MAXIMUM DEPTH OF 1m BELOW THE FINISHED SURFACE OF THE CROSSING.

DRAWING USED BY TLA :

ADC Y/N TDC Y/N

MDC Y/N WDC Y/N

No.	REVISION	BY	CHK	APP.	DATE
A	NEW DRAWING	MAT	SD	AD	05/20

TITLE:

VEHICLE KERB CROSSING
- HEAVY COMMERCIAL DROP

AORAKI ROADING COLLABORATION

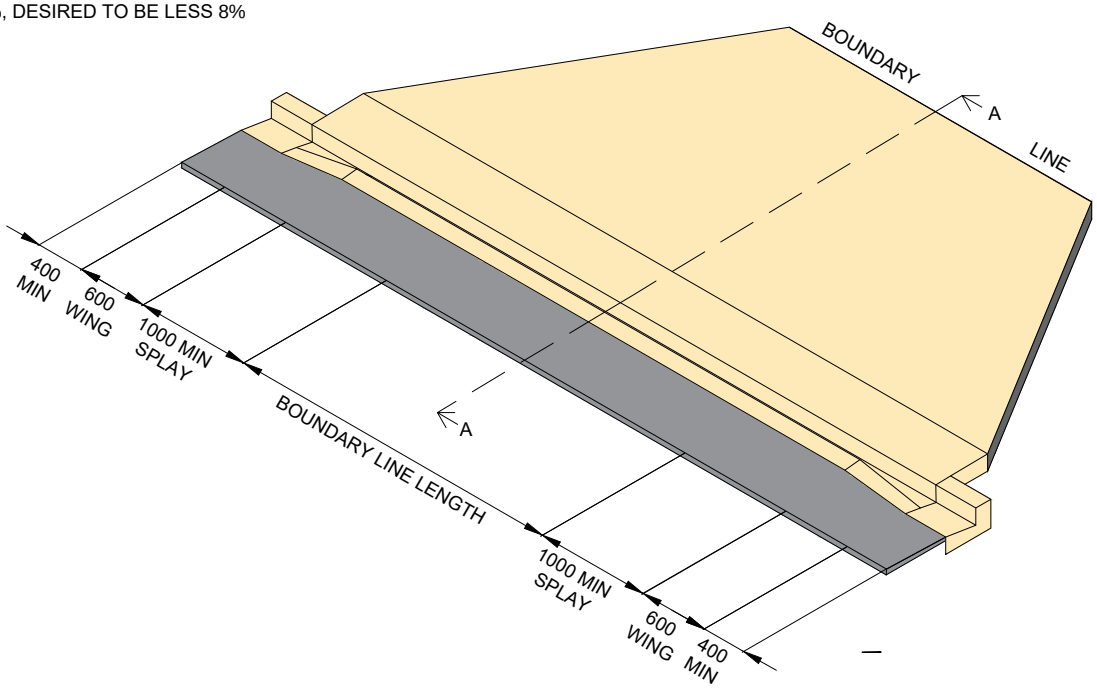
ORIGINAL SCALE (A4): NTS

DRAWING NUMBER: G-205

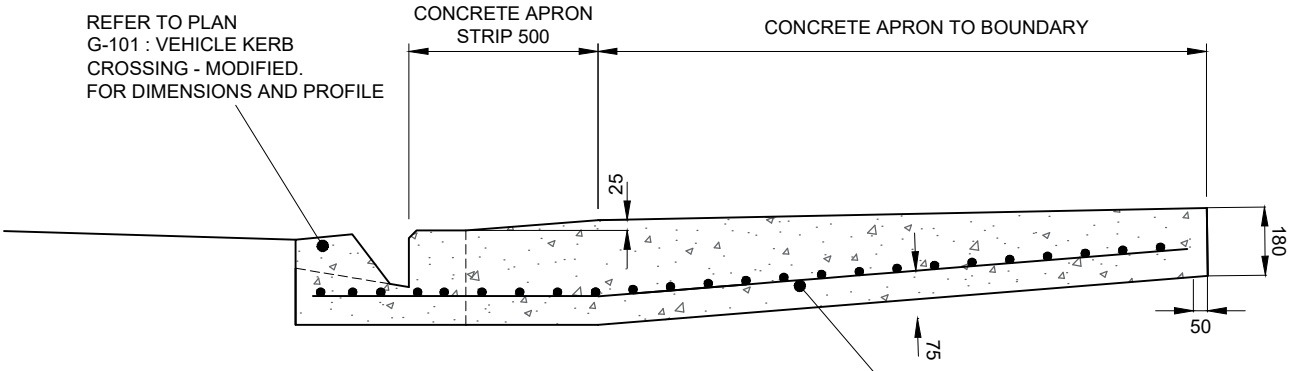
REVISION: A

SHEET: 1 OF: 1

NOTE
VEHICLE CROSSINGS SHALL HAVE A CROSS-OVER ANGLE NO GREATER THAN 12%, DESIRED TO BE LESS 8%



VEHICLE KERB CROSSING - HEAVY COMMERCIAL MODIFIED
NOT TO SCALE



CROSS SECTION A-A
NOT TO SCALE

NOTES:

1. SINGLE LAYER OF 'REINFORCING MESH' IS TO BE 663 STEEL MESH
2. CONCRETE TO BE NZS 3109 WITH A 28 DAY STRENGTH OF 30MPa
3. A BASECOURSE LAYER UNDER THE KERB & CHANNEL AND APRON MUST BE 150mm AP40 M/4 COMPACTED TO TNZ B/2
4. SCALA TEST THE SUBGRADE SURFACE TO ACHIEVE A CBR OF 7 MINIMUM
5. SHOULD THE SUBBASE MATERIAL BE UNSUITABLE A 150mm MINIMUM DEPTH OF AP65 MUST BE LAID AND COMPACTED TO A MAXIMUM DEPTH OF 1m BELOW THE FINISHED SURFACE OF THE CROSSING.

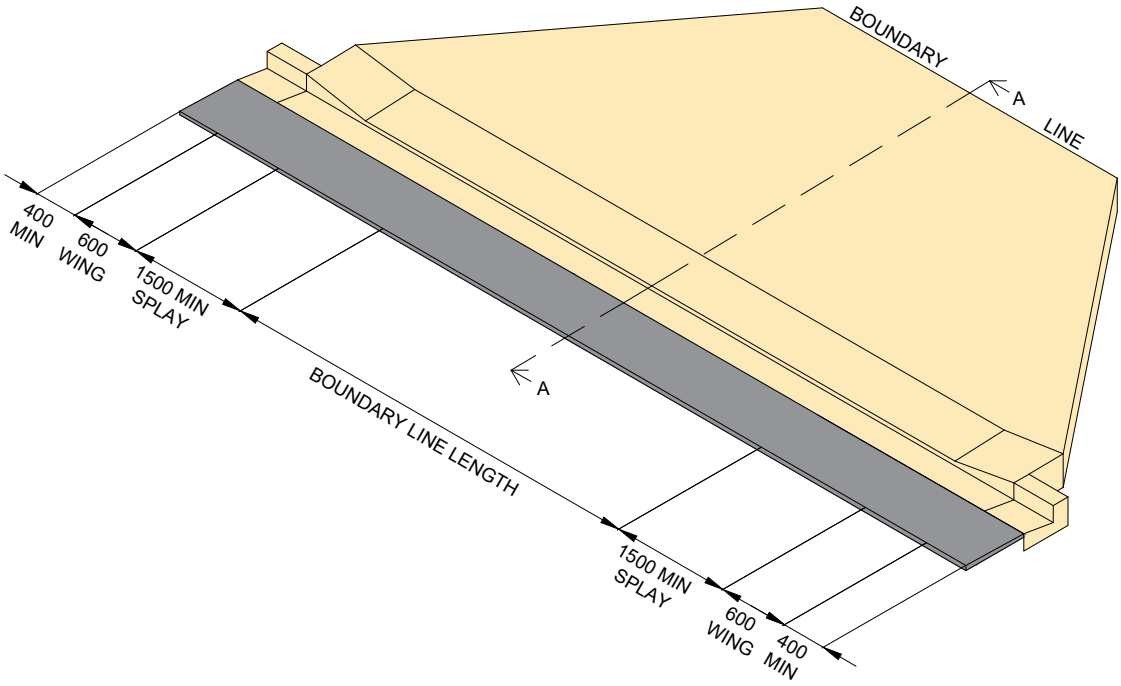
DRAWING USED BY TLA :
ADC Y/N TDC Y/N
MDC Y/N WDC Y/N

No.	REVISION	BY	CHK	APP.	DATE
A	NEW DRAWING	MAT	SD	AD	05/20

TITLE:
VEHICLE KERB CROSSING
- HEAVY COMMERCIAL MODIFIED
AORAKI ROADING COLLABORATION

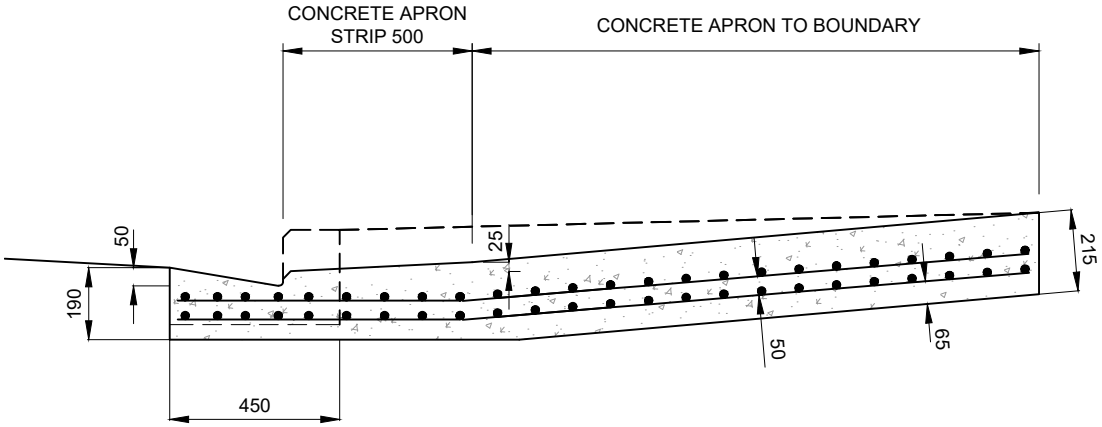
ORIGINAL SCALE (A4): NTS
DRAWING NUMBER: G-206
REVISION: A
SHEET: 1 OF: 1

Original Sheet Size A4 (210 x 297) N:\Standard Plans\G Series\dwgs\Rev C\G-103 Residential Crossing Rev C.dwg DO NOT SCALE - IF IN DOUBT ASK



VEHICLE KERB CROSSING - INDUSTRIAL DROP

NOT TO SCALE



CROSS SECTION A-A

NOT TO SCALE

NOTES:

1. DUAL LAYERS OF 'REINFORCING MESH' ARE TO BE 663 STEEL MESH
2. CONCRETE TO BE NZS 3109 WITH A 28 DAY STRENGTH OF 30MPa
3. A BASECOURSE LAYER UNDER THE KERB & CHANNEL AND APRON MUST BE 150mm AP40 M/4 COMPACTED TO TNZ B/2
4. SCALA TEST THE SUBGRADE SURFACE TO ACHIEVE A CBR OF 7 MINIMUM
5. SHOULD THE SUBBASE MATERIAL BE UNSUITABLE A 150mm MINIMUM DEPTH OF AP65 MUST BE LAID AND COMPACTED TO A MAXIMUM DEPTH OF 1m BELOW THE FINISHED SURFACE OF THE CROSSING.

NOTE
VEHICLE CROSSINGS SHALL HAVE A CROSS-OVER ANGLE NO GREATER THAN 12%, DESIRED TO BE LESS 8%

DRAWING USED BY TLA :

ADC Y/N TDC Y/N

MDC Y/N WDC Y/N

No.	REVISION	BY	CHK	APP.	DATE
A	NEW DRAWING	MAT	SD	AD	05/20

TITLE:

VEHICLE KERB CROSSING
- INDUSTRIAL DROP

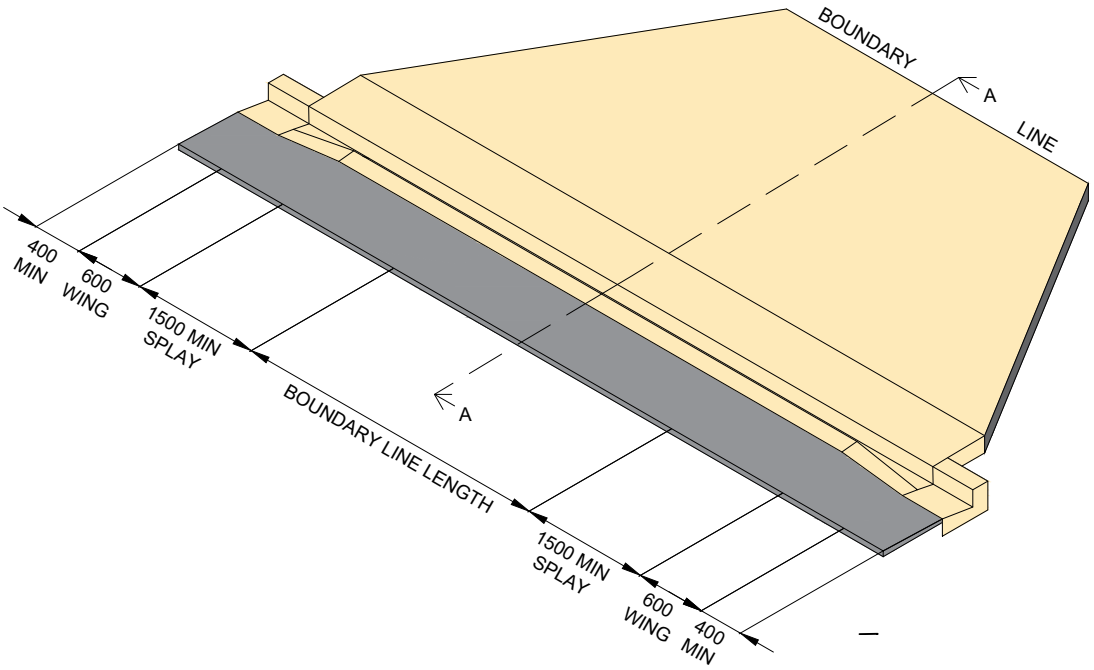
AORAKI ROADING COLLABORATION

ORIGINAL SCALE (A4): NTS

DRAWING NUMBER: G-207

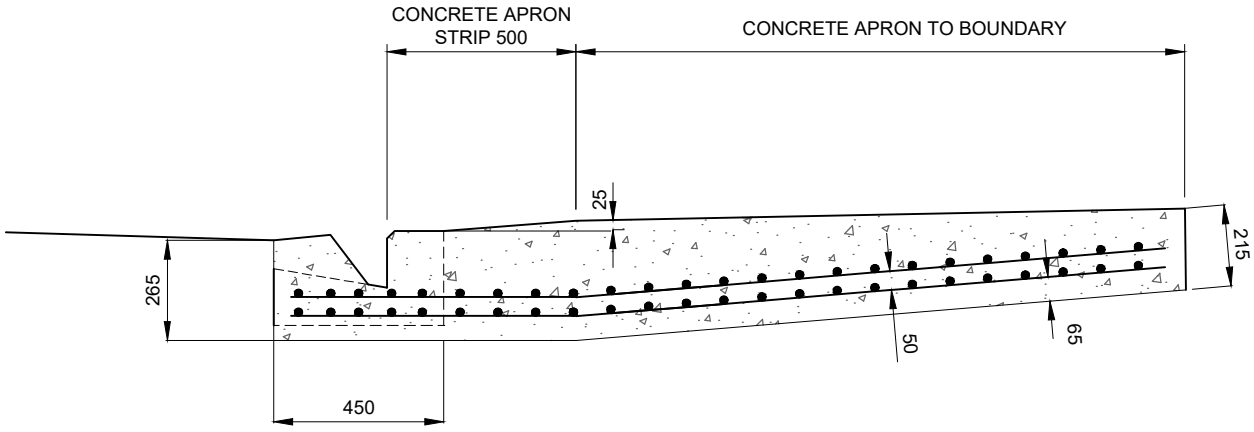
REVISION: A

SHEET: 1 OF: 1



VEHICLE KERB CROSSING - INDUSTRIAL MODIFIED

NOT TO SCALE



CROSS SECTION A-A

NOT TO SCALE

NOTES:

1. DUAL LAYERS OF 'REINFORCING MESH' ARE TO BE 663 STEEL MESH
2. CONCRETE TO BE NZS 3109 WITH A 28 DAY STRENGTH OF 30MPa
3. A BASECOURSE LAYER UNDER THE KERB & CHANNEL AND APRON MUST BE 150mm AP40 M/4 COMPACTED TO TNZ B/2
4. SCALA TEST THE SUBGRADE SURFACE TO ACHIEVE A CBR OF 7 MINIMUM
5. SHOULD THE SUBBASE MATERIAL BE UNSUITABLE A 150mm MINIMUM DEPTH OF AP65 MUST BE LAID AND COMPACTED TO A MAXIMUM DEPTH OF 1m BELOW THE FINISHED SURFACE OF THE CROSSING.

NOTE
VEHICLE CROSSINGS SHALL HAVE A CROSS-OVER ANGLE NO GREATER THAN 12%, DESIRED TO BE LESS 8%

DRAWING USED BY TLA :

ADC Y/N TDC Y/N

MDC Y/N WDC Y/N

No.	REVISION	BY	CHK	APP.	DATE
A	NEW DRAWING	MAT	SD	AD	05/20

TITLE:

VEHICLE KERB CROSSING
- INDUSTRIAL MODIFIED

AORAKI ROADING COLLABORATION

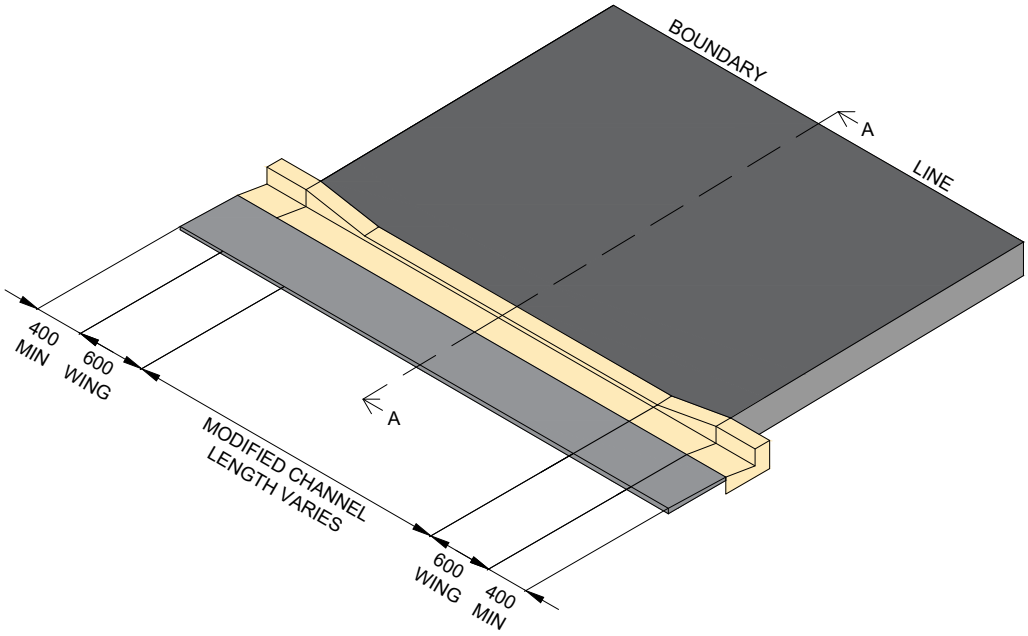
ORIGINAL SCALE (A4): NTS

DRAWING NUMBER: G-208

REVISION: A

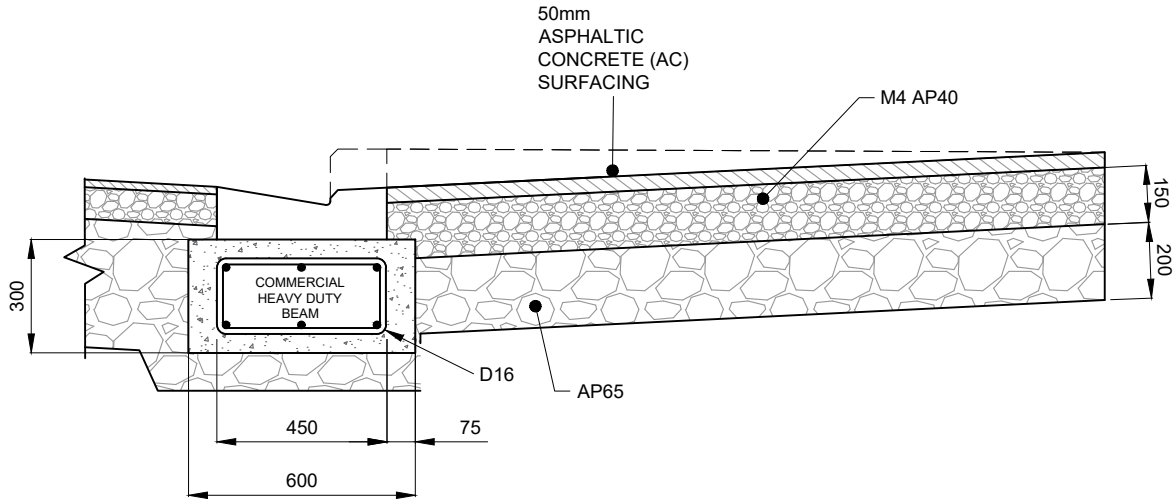
SHEET: 1 OF: 1

Original Sheet Size A4 (210 x 297) N:\Standard Plans\G Series\dwgs\Rev C\G-103 Residential Crossing Rev C.dwg DO NOT SCALE - IF IN DOUBT ASK



VEHICLE KERB CROSSING - INDUSTRIAL DROP WITH ASPHALTIC CONCRETE (AC)

NOT TO SCALE



CROSS SECTION A-A

NOT TO SCALE

NOTES:

1. DUAL LAYERS OF 'REINFORCING MESH' ARE TO BE 663 STEEL MESH
2. CONCRETE TO BE NZS 3109 WITH A 38 DAY STRENGTH OF 30MPa
3. A BASECOURSE LAYER UNDER THE KERB & CHANNEL AND APRON MUST BE 150mm AP40 M/4 COMPACTED TO TNZ B/2
4. SCALA TEST THE SUBGRADE SURFACE TO ACHIEVE A CBR OF 7 MINIMUM
5. SHOULD THE SUBBASE MATERIAL BE UNSUITABLE A 150mm MINIMUM DEPTH OF AP65 MUST BE LAID AND COMPACTED TO A MAXIMUM DEPTH OF 1m BELOW THE FINISHED SURFACE OF THE CROSSING.
6. HEAVY DUTY REINFORCING BEAM TO EXTEND 1.5m FROM END OF DROP TRANSITION

NOTE
VEHICLE CROSSINGS SHALL HAVE A CROSS-OVER ANGLE NO GREATER THAN 12%, DESIRED TO BE LESS 8%

DRAWING USED BY TLA :

ADC Y/N TDC Y/N

MDC Y/N WDC Y/N

No.	REVISION	BY	CHK	APP.	DATE
A	NEW DRAWING	MAT	SD	AD	05/20

TITLE:

VEHICLE KERB CROSSING
- INDUSTRIAL DROP WITH AC

AORAKI ROADING COLLABORATION

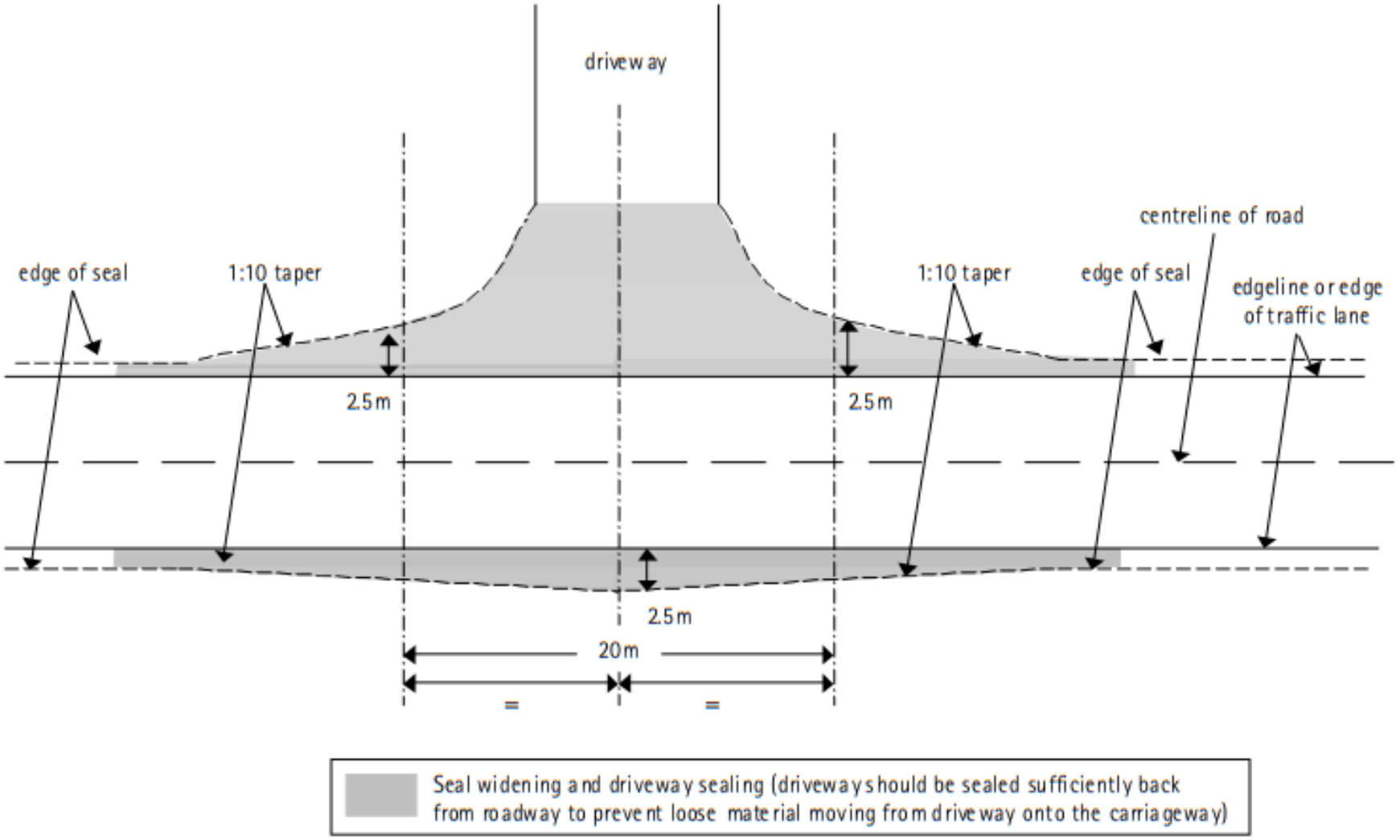
ORIGINAL SCALE (A4): NTS

DRAWING NUMBER: G-209

REVISION: A

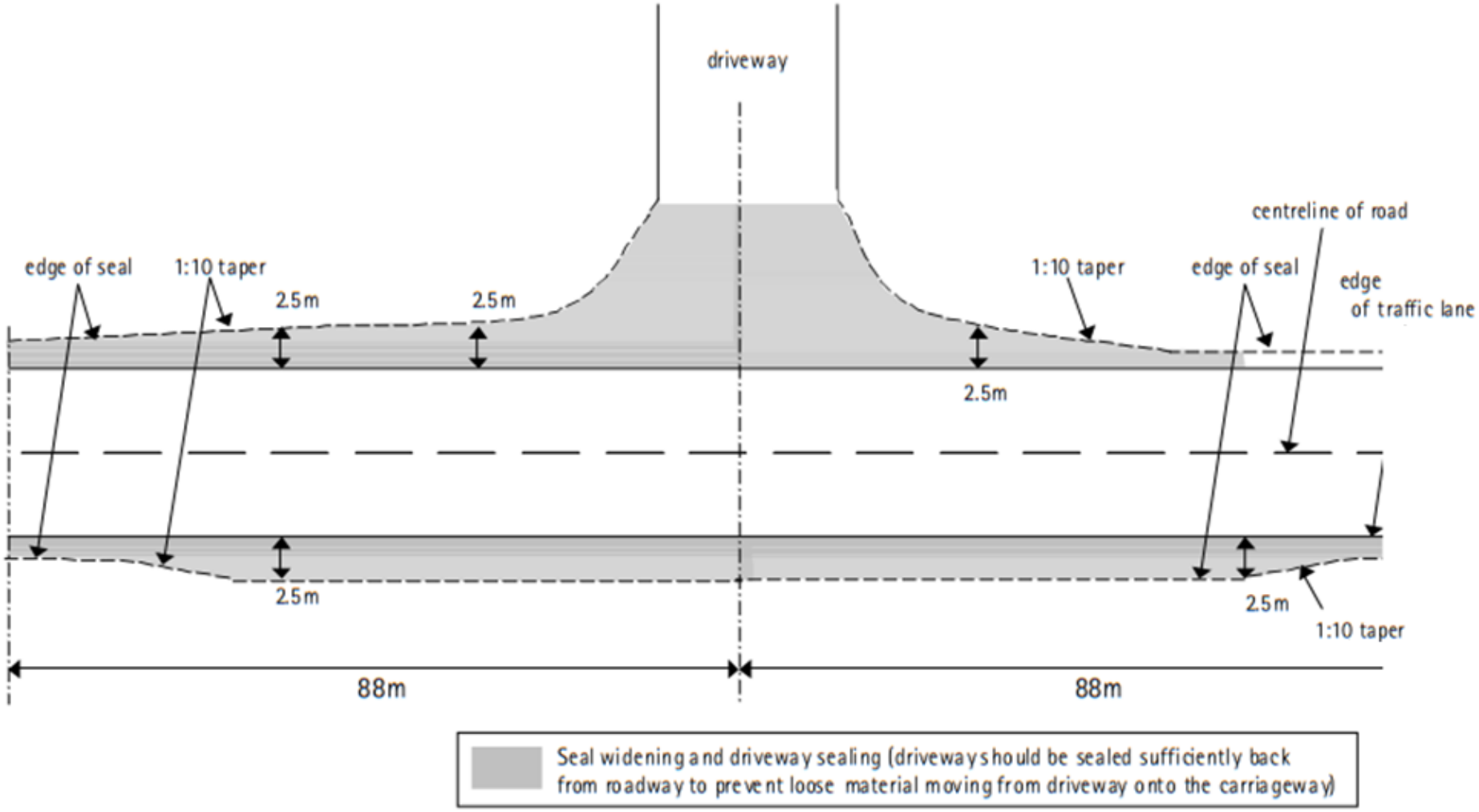
SHEET: 1 OF: 1

9.3.4. Heavy Use Driveway 1



To be used for major and Tanker track accessways on secondary collector and below hierarchy roads.

9.3.5. Heavy Use Driveway 2



To be used for major accessways on Thompsons Track, Arundel Rakaia Gorge Road and Seafield Road + other primary collector roads.