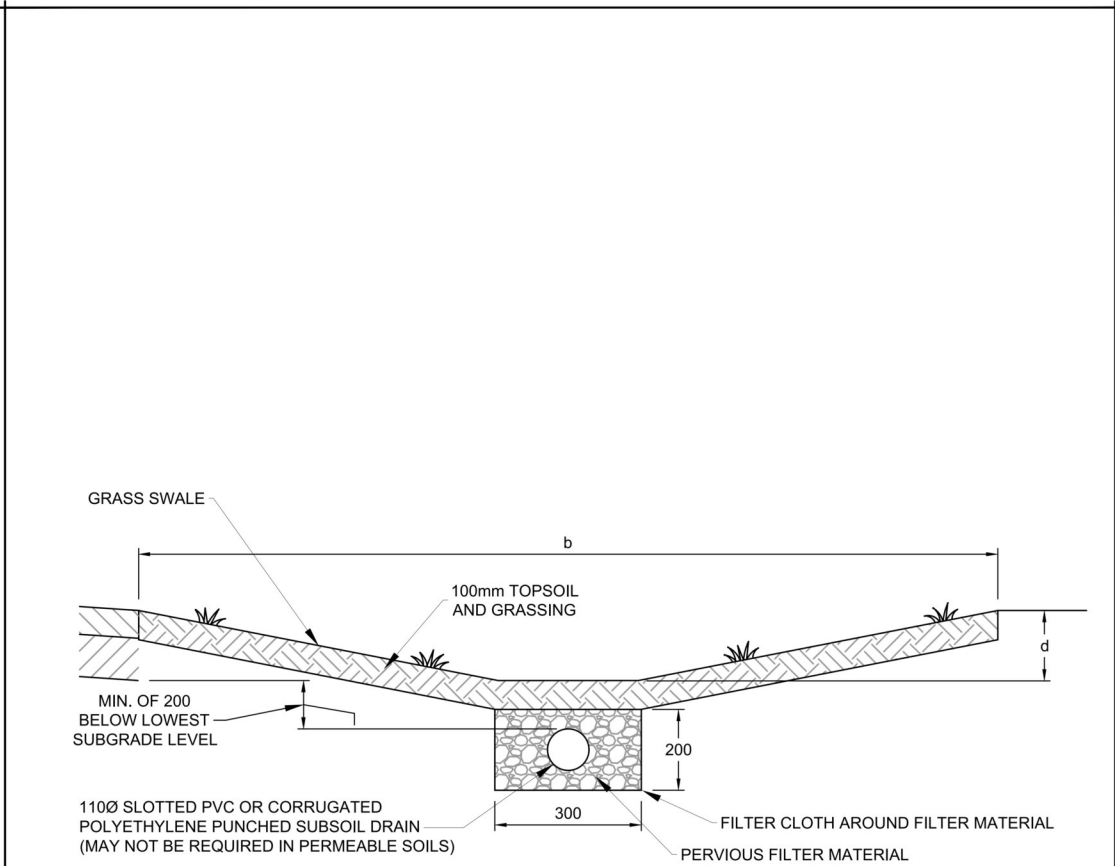
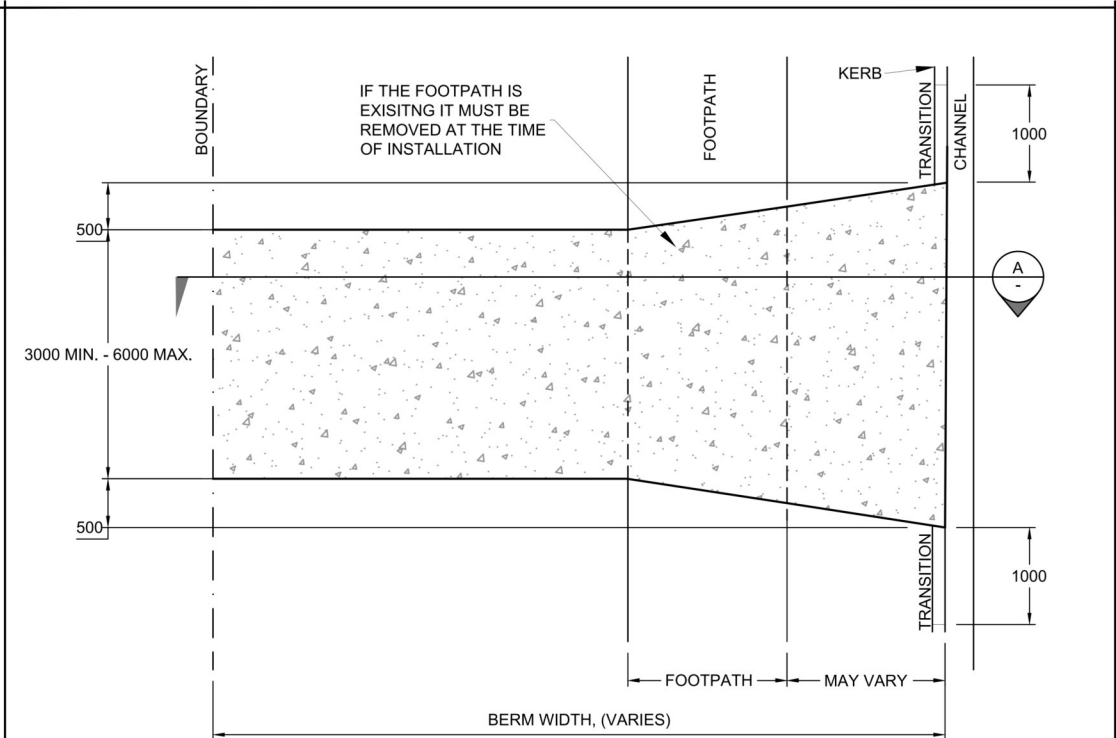




SWALE CROSS SECTION

- NOTES:
1. EFFECTIVE CATCHMENT AREA DRAINED = IMPERVIOUS AREA + 0.72 x PERVIOUS AREA.
 2. MAXIMUM SWALE SLOPE UP TO 5%. STEEPER SWALES REQUIRE CHECK DAMS (SEE DRAWING B5-6 AND DRAWING B5-7).
 3. DIMENSIONS 'b' AND 'd' TO BE SIZED FOR CONVEYANCE OF 5% AEP EVENT.
 4. EXISTING GROUND IS REGRADED, COMPACTED, TOPSOILED (100mm DEPTH), AND GRASSED.
 5. SIDE SLOPES NO STEEPER THAN 1v:4h IF PLANTED (NOT MOWN).
 6. SIDE SLOPES NO STEEPER THAN 1v:5h IF GRASSED (MOWN).

QLDC LDSC 2025 Standard Details		Drawing Title: Typical Swale Detail	NOT TO SCALE Drawing No. B5-5
Revision: 000B Rev Date: 12/05/2025			

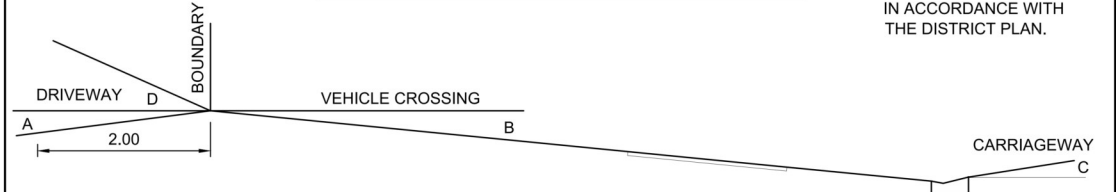


PLAN VIEW



SECTION A: LOW LEVEL FOOTPATH

MAX. CHANGE OF GRADE
IN ACCORDANCE WITH
THE DISTRICT PLAN.



SECTION A: STANDARD FOOTPATH

- NOTES:
1. DESIGN OF ALL RESIDENTIAL CROSSINGS TO COMPLY WITH DISTRICT PLAN REQUIREMENTS.
 2. CROSSING CONCRETE TO BE 125mm THICK REINFORCED WITH STRUCTURAL MESH, CENTRALLY PLACED.
 3. SURFACING TO BE CONCRETE WITH A MINIMUM CRUSHING STRENGTH OF 20MPa AT 28 DAYS, OR 30mm DG7 ASPHALT (NZTA M10 Notes TABLE N3.3), OR 2 COAT SEAL.
 4. BASECOURSE TO BE A MINIMUM 150mm COMPACTED DEPTH OF M4 AP40 CRUSHED GRAVEL, OR 150mm M4 AP40 FOR 2 COAT SEAL.
 5. SUBGRADE TO BE TRIMMED AND COMPACTED TO ACHIEVE A MINIMUM CBR VALUE = 7.
 6. MAXIMUM LONGITUDINAL GRADIENTS SHALL BE IN ACCORDANCE WITH THE DISTRICT PLAN.
 7. A, B, C AND D REFER TO THE GRADIENTS EXPRESSED EITHER AS A PERCENTAGE OR IN DEGREES.
 8. LOW SLUNG CARS WITH GROUND EFFECT FEATURES MAY NOT MEET THE CRITERIA ASSUMED IN THIS DESIGN GUIDE.

QLDC LDSC 2025 Standard Details		Drawing Title: Vehicle Crossing - Residential	NOT TO SCALE Drawing No. B5-18
Revision: 000B Rev Date: 12/05/2025			

NOTES:

1. REFER TO DRAWING 300 FOR STANDARD ROADING NOTES.



C	RESOURCE CONSENT	NS	JDK	06/03/26	
B	FOR RESOURCE CONSENT	NS	SL	JK	25/02/26
A	FIRST ISSUE	HD	SL	JK	13/11/25
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE

CLIENT:

RIDGEBURN LTD

PROJECT:

RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

TITLE:

ROADING
STANDARD DETAILS

SHEET 1

PURPOSE OF ISSUE:

RESOURCE CONSENT

SCALE:

N.T.S

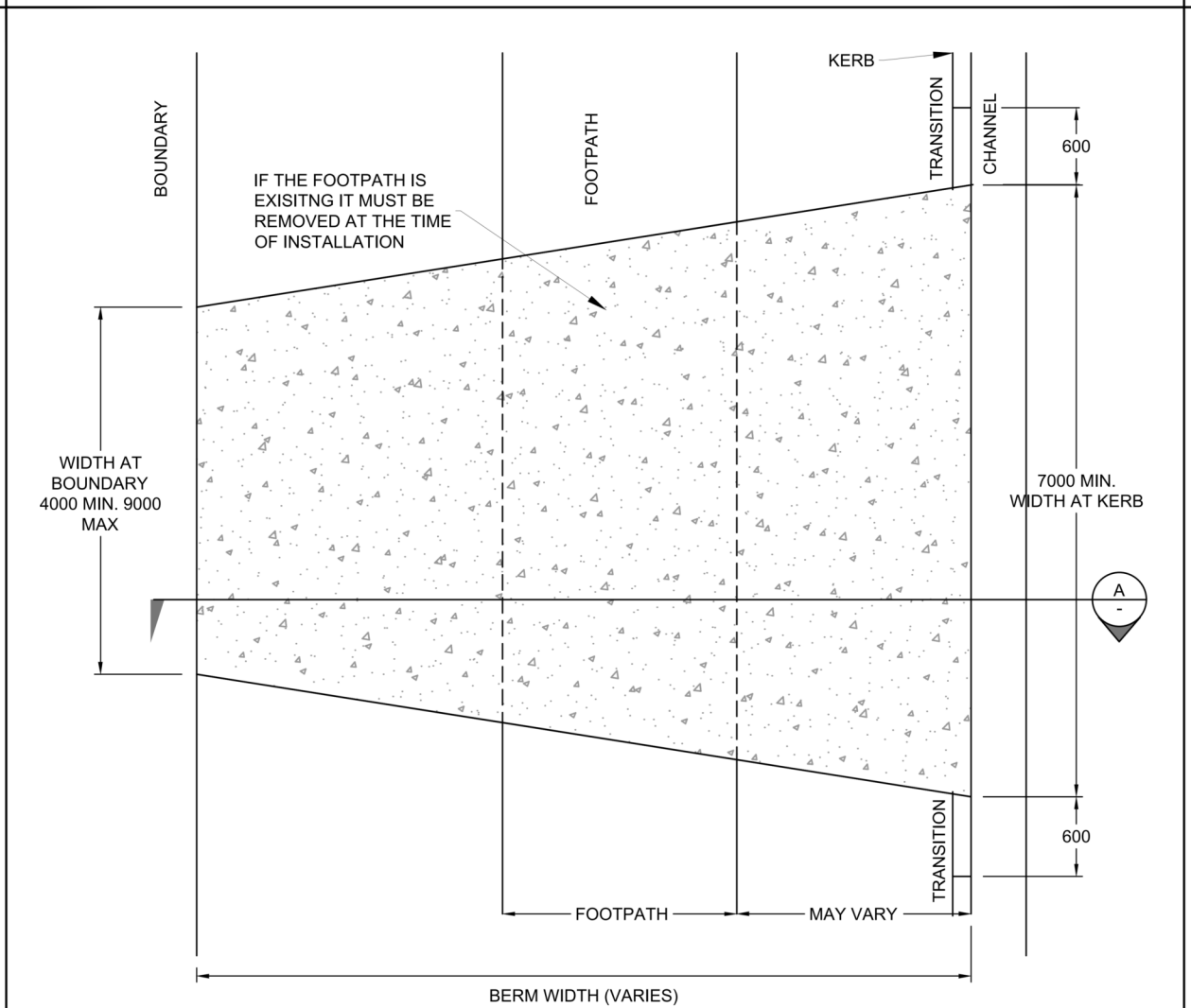
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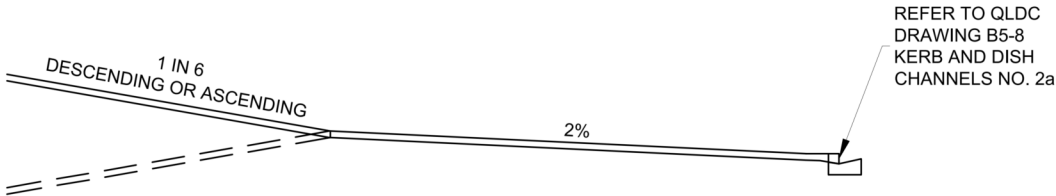
4048-0-3900

REV:

C



PLAN



SECTION A

- NOTES:
1. THE CONCRETE SHALL BE 150mm THICK AND REINFORCED WITH STRUCTURAL MESH, CENTRALLY PLACED.
 2. THE CONCRETE SHALL HAVE A MINIMUM CRUSHING STRENGTH OF 30 MPa AT 28 DAYS AND SHALL COMPLY WITH NZS 3124.
 3. CHANNEL CROSSING TO BE HEAVY DUTY, REINFORCED WITH 3 D12 BARS.
 4. SUB-GRADE TO BE TRIMMED AND COMPACTED TO ACHIEVE A MIN. CBR VALUE OF > 7.
 5. DESIGN OF ALL COMMERCIAL CROSSINGS TO COMPLY WITH THE DISTRICT PLAN.
 6. MAXIMUM LONGITUDINAL GRADIENTS SHALL BE IN ACCORDANCE WITH THE DISTRICT PLAN.
 7. ONLY CONCRETE IS PERMITTED (ASPHALT NOT PERMITTED).

QLDC LDSC 2025
Standard Details
Revision: 000B
Rev Date: 12/05/2025



Drawing Title:

Vehicle Crossing - Commercial /
Industrial

NOT TO SCALE

Drawing No.

B5-19

NOTES:

1. REFER TO DRAWING 300 FOR STANDARD ROADING NOTES.



MCKENZIE & CO.

RIDGEBURN LTD

RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

ROADING
STANDARD DETAILS
SHEET 2

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
N.T.S
DO NOT SCALE

DRAWING NO:
4048-0-3901

REV:
C

C	RESOURCE CONSENT	NS	JDK	06/03/26	
B	FOR RESOURCE CONSENT	NS	SL	JK	25/02/26
A	FIRST ISSUE	HD	SL	JK	13/11/25
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE