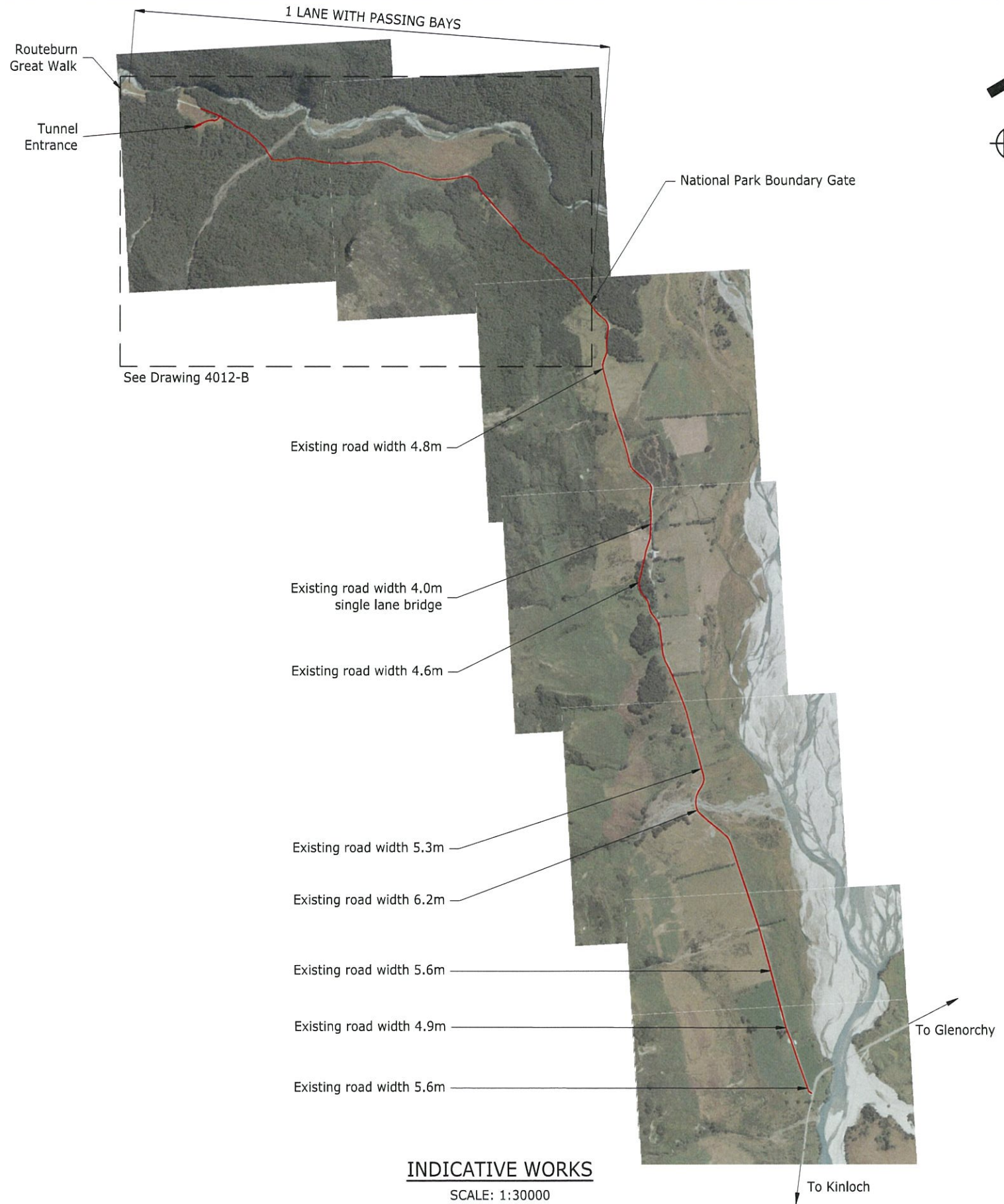


**LOCALITY PLAN**  
NOT TO SCALE



**INDICATIVE WORKS**  
SCALE: 1:30000

		DESIGNED: DXM	DATE: 04.11	PLOT BY: DXM		ASSOCIATION OF CONSULTING ENGINEERS NEW ZEALAND	abley transportation consultants	LEVEL 1 & 2, 30A CARLYLE STREET PO BOX 25350, CHRISTCHURCH 8144 PHONE: +64 3 377 4703 FAX: +64 3 377 4700 WEB: www.abley.com	PROJECT:	MILFORD DART LTD ROUTE BURN ROAD UPGRADE	TITLE:	GLENORCHY/ROUTE BURN JUNCTION TO NATIONAL PARK BOUNDARY	ISSUE STATUS:	PRELIMINARY	
		DRAWN: JRM	DATE: 04.12	PLOT DATE: 19.04.12					THIS DRAWING AND DESIGN REMAINS THE PROPERTY OF, AND MAY NOT BE REPRODUCED OR ALTERED, WITHOUT THE WRITTEN PERMISSION OF ABLEY TRANSPORTATION CONSULTANTS LIMITED. NO LIABILITY SHALL BE ACCEPTED FOR UNAUTHORISED USE OF THIS DRAWING.	PROJECT No: 2150-132661-01	SCALES: AS SHOWN	A3			
		CHECKED: DXM	DATE: 04.12	SURVEY BY:									DO NOT COPY		
		APPROVED: JRM	DATE: 18.04.12	SURVEY DATE:									Do not scale from this drawing. Use figured dimensions.		
REF	AMENDMENT	BY	DATE	SA	04.12								4012-A	REV	B



**NOTES**

- Chainage starts at Mt Aspiring National Park Boundary.
- For tree locations refer to report: Upgrading the Routeburn Road in the Mt. Aspiring National Park with Minimal Disturbance, Conservation Consultancy Ltd., July 2007.
- Road alignment has been obtained from third party records. Abley Transportation Consultants Limited does not in any way guarantee the accuracy of the road alignment on this plan. Refer to Clark Fortune McDonald & Associates plan titled 'Position of Routeburn Road Formation' (issued 09.01.07).
- The location of road types A to D and notation are indicative only and subject to detailed design.
- Road type B and D widening locations (and side) to be determined at detailed design.
- Identified trees may need to be removed dependant on final design solution.

**ROAD TYPE LEGEND**

- A Single lane plus guardrail (3.6m, not used)
- B Passing bay plus guardrail (5.6m)
- C Single lane, no guardrail (3.6m)
- D Passing bay, no guardrail (5.6m)

**KEY**

- Crest to be removed
- Bridge
- Major Culvert

**SITE PLAN**

SCALE: 1:7500

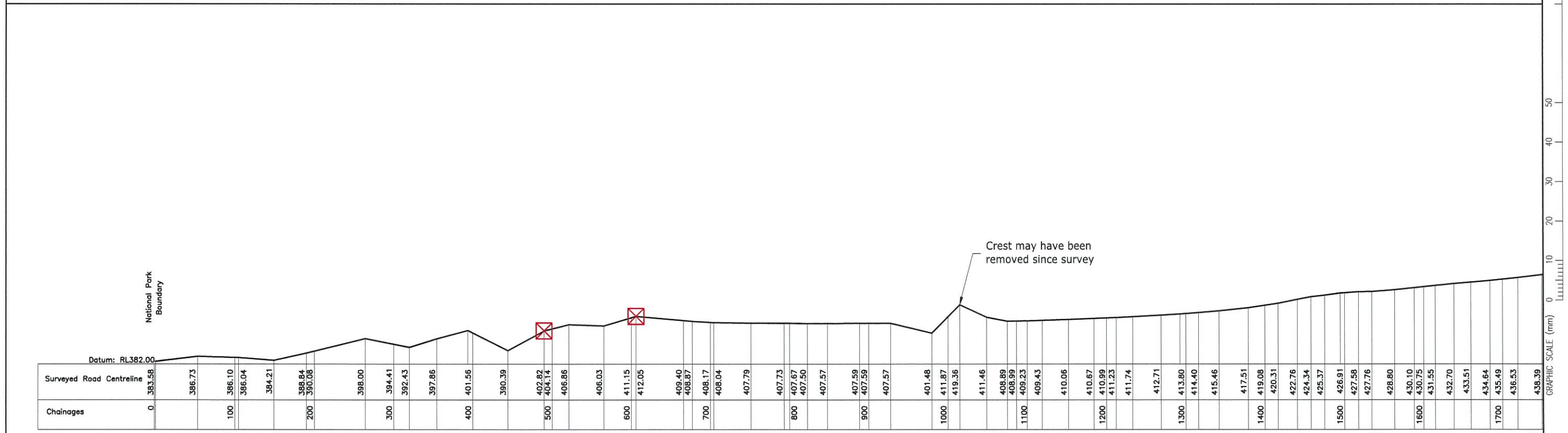
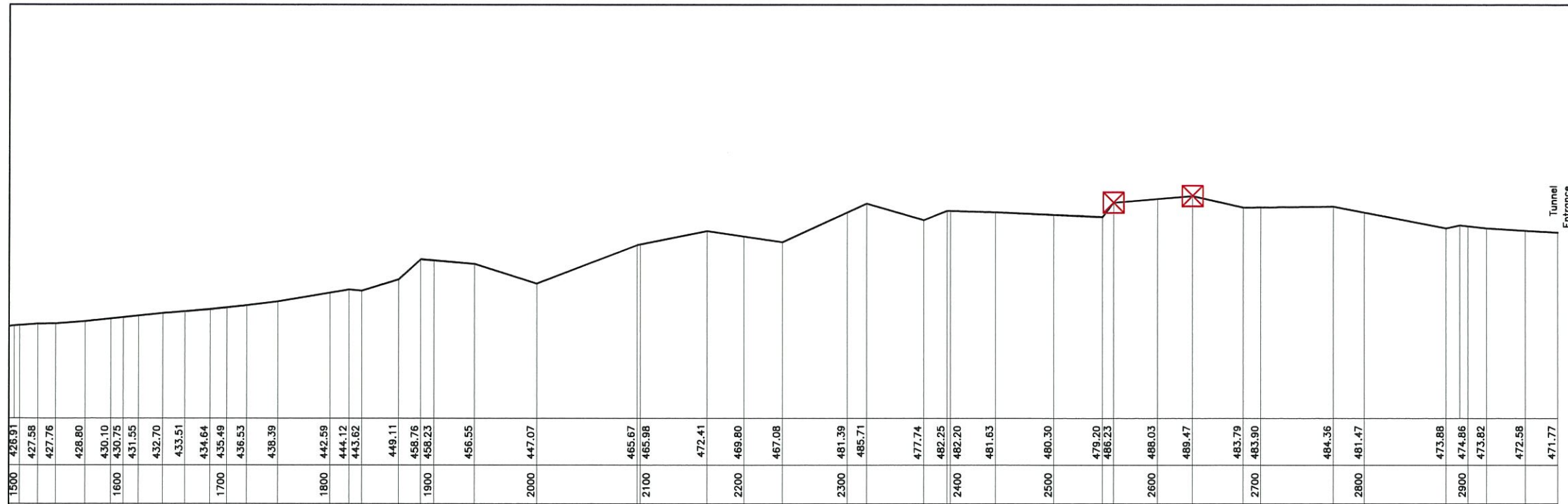
DESIGNED: DXM DATE: 04.11	DATE: 04.11	PLANNED BY: JRM	ASSOCIATION OF CONSULTING ENGINEERS NEW ZEALAND	PROJECT: MILFORD DART LTD ROUTEBURN ROAD UPGRADE	TITLE: INDICATIVE WORKS NATIONAL PARK BOUNDARY TO TUNNEL ENTRANCE	ISSUE STATUS: PRELIMINARY
DRAWN: JRM DATE: 04.12	DATE: 04.12	PLANNED DATE: 19.04.12	AKENZ	LEVEL 1 & 2, 30A CARLYLE STREET PO BOX 25350, CHRISTCHURCH 8144 PHONE: +64 3 377 4703 FAX: +64 3 377 4700 WEB: www.abley.com		PROJECT No: 2150-132661-01 SCALE: AS SHOWN DRAWING No: 4012-B
CHECKED: DXM DATE: 04.12	DATE: 04.12	SURVEY BY: JRM	THIS DRAWING AND DESIGN REMAINS THE PROPERTY OF, AND MAY NOT BE REPRODUCED OR ALTERED, WITHOUT THE WRITTEN PERMISSION OF ABLEY TRANSPORTATION CONSULTANTS LIMITED. NO LIABILITY SHALL BE ACCEPTED FOR UNAUTHORISED USE OF THIS DRAWING.			DO NOT COPY Do not scale from this drawing. Use figured dimensions.
APPROVED: SA DATE: 04.12	DATE: 04.12	SURVEY DATE:				REV B



**NOTES**

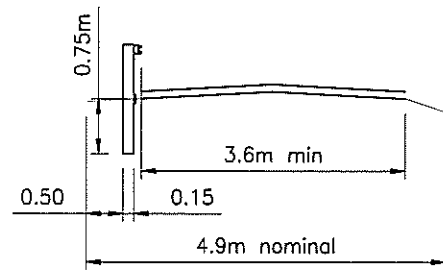
- Chainage starts at Mt Aspiring National Park entrance.
- Road profile has been obtained from third party records and should be verified on site prior to works commencing. Abley Transportation Consultants Limited does not in any way guarantee the accuracy of the road alignment on this plan. Refer to Clark Fortune McDonald & Associates plan titled 'Position of Routeburn Road Formation' (issued 09.01.07).

**KEY**

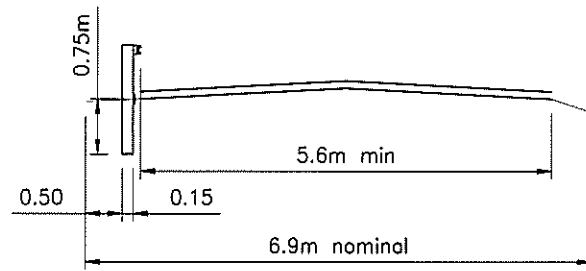
 Crest to be removed



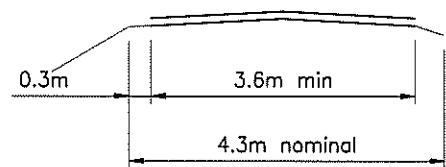
DESIGNED: LJE	DATE: 04.11	PLOT BY: DXM	 ASSOCIATION OF CONSULTING ENGINEERS NEW ZEALAND	 abley transportation consultants	LEVEL 1 & 2, 30A CARLYLE STREET PO BOX 25350, CHRISTCHURCH 8144 PHONE: +64 3 377 4703 FAX: +64 3 377 4700 WEB: www.abley.com	PROJECT:  <b>MILFORD DART LTD          ROUTEBURN ROAD          UPGRADE</b>	TITLE:  <b>LONGSECTION          NATIONAL PARK BOUNDARY TO          TUNNEL ENTRANCE</b>	ISSUE STATUS: <b>PRELIMINARY</b>		
DRAWN: LJE	DATE: 04.12	PLOT DATE: 19.04.12						PROJECT No: 2150-132661-01	SCALE: H = 1:20000 V = 1:10000	A3
CHECKED: DXM	DATE: 04.12	SURVEY BY:	THIS DRAWING AND DESIGN REMAINS THE PROPERTY OF, AND MAY NOT BE REPRODUCED OR ALTERED, WITHOUT THE WRITTEN PERMISSION OF ABLEY TRANSPORTATION CONSULTANTS LIMITED. NO LIABILITY SHALL BE ACCEPTED FOR UNAUTHORISED USE OF THIS DRAWING.							
APPROVED: JRM	DATE: 18.04.12	SURVEY DATE:	DO NOT COPY		Do not scale from this drawing. Use figured dimensions.		DRAWING No: <b>4012-C</b>		REV	
BY: SA	DATE: 04.12								<b>B</b>	



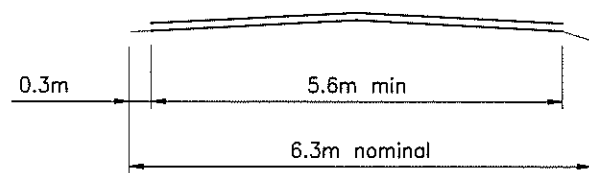
**SINGLE LANE PLUS GUARDRAIL**  
where shown thus: A (not used)



**PASSING BAY PLUS GUARDRAIL**  
Where shown thus: B



**SINGLE LANE, NO GUARDRAIL**  
Where shown thus: C



**PASSING BAY, NO GUARDRAIL**  
Where shown thus: D

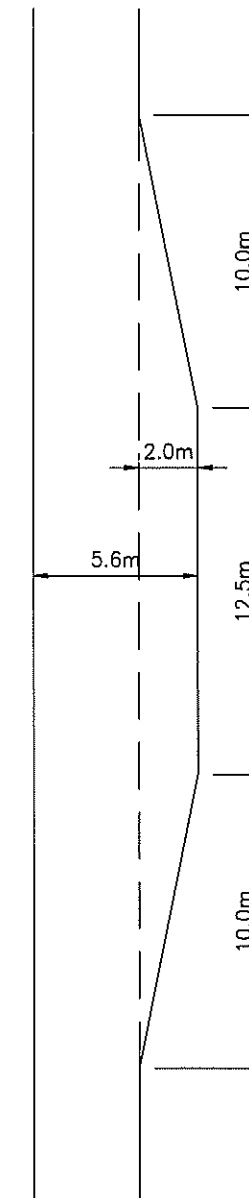
**ROAD SECTIONS**  
SCALE: 1:100

**NOTES**

- Road Sections derived from report by Hutchison D, Major N. 1 July 2006. Greenstone - Kinloch Road: Condition Report and recommendations. Report to Queenstown Lakes District Council. pp19.

**NOTES FOR GUARDRAIL**

- Posts are H4 150 x 100 at 2m centres, with 150 blockouts and continuous 200 x 50 side board at bottom.
- Guardrail as per TNZ M 17P.



**PASSING BAY LAYOUT**  
ROAD SECTION B & D (SIDE NOT SPECIFIED)  
SCALE: 1:250

GRAPHIC SCALE (mm) 0 10 20 30 40 50 100 150

DESIGNED: DXM DATE: 04.12 DRAWN: JRM DATE: 04.12	PLotted BY: JRM DATE: 04.12	ASSOCIATION OF CONSULTING ENGINEERS NEW ZEALAND	PROJECT: MILFORD DART LTD ROUTEBURN ROAD UPGRADE	TITLE: ROAD CROSS-SECTIONS AT IMPROVEMENT LOCATIONS	ISSUE STATUS: PRELIMINARY
CHECKED: DXM DATE: 04.12	SURVEY BY: JRM DATE: 04.12	abley transportation consultants	LEVEL 1 & 2, 30A CARLYLE STREET PO BOX 25350, CHRISTCHURCH 8144 PHONE: +64 3 377 4703 FAX: +64 3 377 4700 WEB: www.abley.com		PROJECT No: 2150-132661-01 SCALE: AS SHOWN DRAWING No: 4012-D REV: B
B FOR SUBMISSION	JRM 19.04.12				DO NOT COPY Do not scale from this drawing. Use figured dimensions.
A FOR ISSUE	JRM 18.04.12				
REF AMENDMENT	BY DATE SA				

File: CHRISTCHURCH N:\2150\132661\_A\CAD\PROPOSED ROADING SECTIONS.DWG