

LEGEND	
	Approximate edge of seal
	Property Boundary
	Landslip head scarp
	Existing contours (5m interval)
	Existing contours (0.5m interval)
	Fibre optic cable
	Stormwater Flow Path
	Existing Watercourse
	Existing Culvert Pipe
	SC Scala penetrometer test location
	DH 1 Drillhole test location
	AH 1 Machine auger hole location
	PH 1 Fibre optic pothole location
	Distance along road alignment (From State Highway 6 intersection)

A3 SCALE 1:400
A1 SCALE 1:200
0 5 10 15 20 25 (m)

DESIGNED :	MPD	Feb. 13
DRAWN :	JATG	Feb. 13
DESIGN CHECKED :		
DRAFTING CHECKED :		
CADFILE :	\\870982.1002-01.dwg	
APPROVED :		
NOT FOR CONSTRUCTION		
This drawing is not to be used for construction purposes unless signed as approved		
REVISION DESCRIPTION	BY	DATE
A Tender Issue		
1 Consultation Issue	MPD	Nov. 12

NOTES :

- Nelson Circuit (2000) coordinates. Levels to NCC Datum.
- The Contractor shall confirm the location/depth of all services prior to any excavation.
- All works shall comply with the latest version of the NCC Land Development Manual and all amendments.
- Works outside the reconstruction area shall be reinstated as per NCC Land Development Manual.
- Special care shall be taken to ensure there is no damage to fences and gardens on private property. Any damage is to be repaired promptly at the Contractor's cost.
- Property boundaries, services location and culvert location supplied by DOP Ltd.

REFERENCE : LIDAR contours and aerial photos supplied by NCC.

Tonkin & Taylor
Environmental and Engineering Consultants
43 Halifax St, Nelson
Tel. (03) 546 6339 Fax. (03) 546 7619
www.tonkin.co.nz

CLIENT, PROJECT		NELSON CITY COUNCIL	
		CABLE BAY ROAD REMEDIATION	
TITLE		GENERAL INFORMATION - SITE 2	
		Existing Site and Site Investigation Plan	
SCALES (AT A1 SIZE)	DWG. No.	REV.	
1:200	870982.1002-01	A	

Nelson City Council
te kaunihira o whakatū

APPROVED

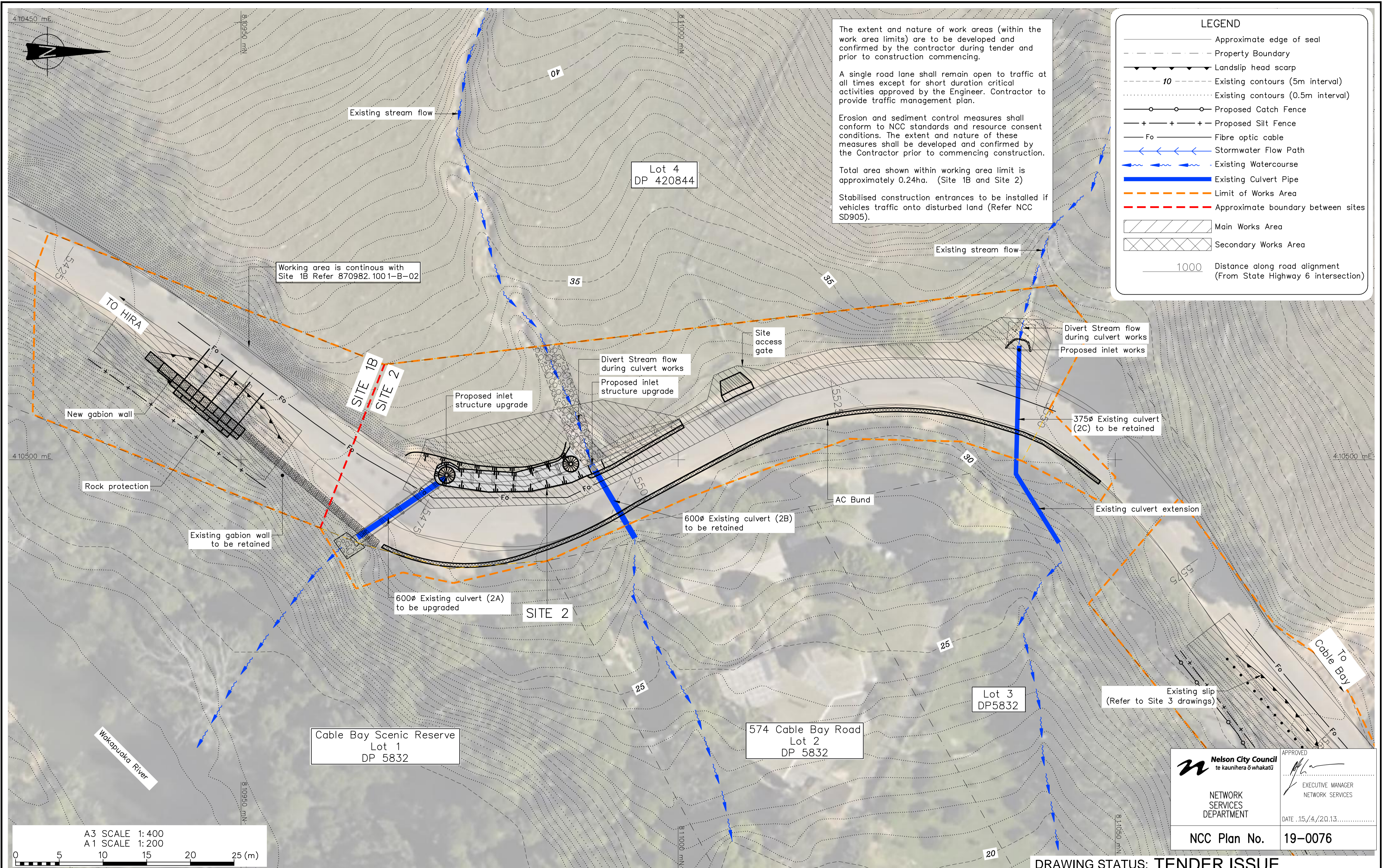
EXECUTIVE MANAGER
NETWORK SERVICES

DATE .15/4/20.13

NCC Plan No. 19-0076

DRAWING STATUS: TENDER ISSUE

P:\870982\870982_1002\870982_1002-01.dwg, 01/11/2013 9:46:21 a.m., caduser, A1, 1:1



P:\870982\870982_1002\WorkingArea\870982_1002-02.dwg, 02/05/2013 9:46:36 a.m., caduser, A1, 1:1

DESIGNED :	MPD	Feb.13
DRAWN :	DJAA	Feb.13
DESIGN CHECKED :		
DRAFTING CHECKED :		
CADFILE :	\\870982.1002-02.dwg	
APPROVED :		
NOT FOR CONSTRUCTION		
This drawing is not to be used for construction purposes unless signed as approved		
REVISION DESCRIPTION	BY	DATE
1 Consultation Issue	MRF	5/11/12

NOTES :

- Nelson Circuit (2000) coordinates. Levels to NCC Datum.
- The Contractor shall confirm the location/depth of all services prior to any excavation.
- All works shall comply with the latest version of the NCC Land Development Manual and all amendments.
- Works outside the reconstruction area shall be reinstated as per NCC Land Development Manual.
- Special care shall be taken to ensure there is no damage to fences and gardens on private property. Any damage is to be repaired promptly at the Contractor's cost.
- Property boundaries, services location and culvert location supplied by DOP Ltd.

REFERENCE : LIDAR contours and aerial photos supplied by NCC.

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CLIENT, PROJECT	NELSON CITY COUNCIL	
	CABLE BAY ROAD REMEDIATION	
TITLE	GENERAL INFORMATION - SITE 2	
	Working Areas & Erosion Sediment Control Plan	
SCALES (AT A1 SIZE)	DWG. No.	REV.
1:200	870982.1002-02	A

Nelson City Council
 te kaunihera o whakatū

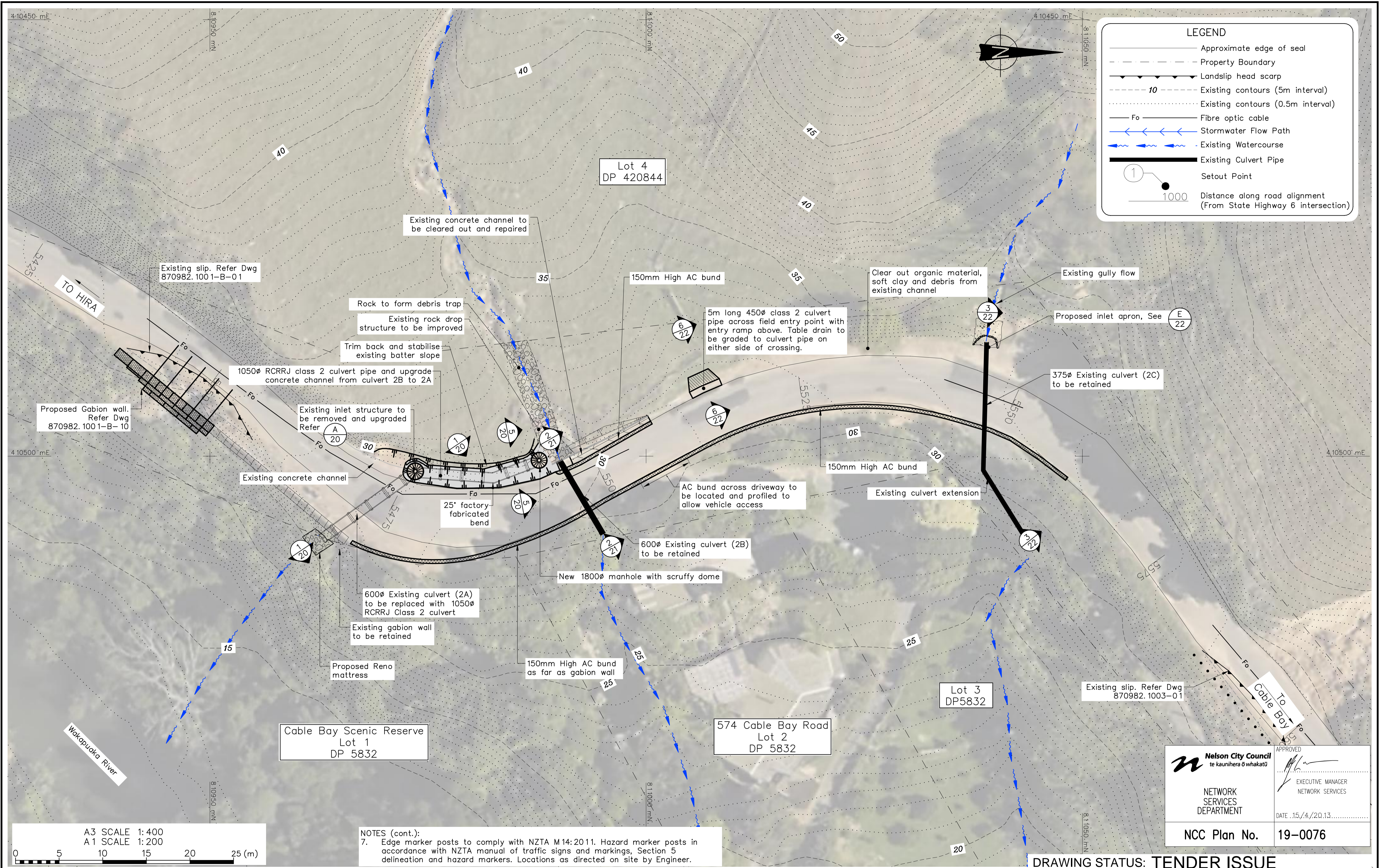
APPROVED

EXECUTIVE MANAGER
 NETWORK SERVICES

DATE: 15/4/2013

NCC Plan No. 19-0076

DRAWING STATUS: TENDER ISSUE



LEGEND

- Approximate edge of seal
- - - Property Boundary
- ▲ Landslip head scarp
- - - 10 Existing contours (5m interval)
- - - Existing contours (0.5m interval)
- Fo Fibre optic cable
- ← Stormwater Flow Path
- ~ Existing Watercourse
- Existing Culvert Pipe
- Setout Point
- 1000 Distance along road alignment (From State Highway 6 intersection)

NOTES (cont.):

7. Edge marker posts to comply with NZTA M14:2011. Hazard marker posts in accordance with NZTA manual of traffic signs and markings, Section 5 delineation and hazard markers. Locations as directed on site by Engineer.

Nelson City Council
te kaunihera o whakatū

APPROVED

EXECUTIVE MANAGER
NETWORK SERVICES

DATE: 15/4/20.13

NCC Plan No. 19-0076

DRAWING STATUS: TENDER ISSUE

DESIGNED :	KAFK	Feb. 13
DRAWN :	JATG	Feb. 13
DESIGN CHECKED :		
DRAFTING CHECKED :		
CADFILE :	\\870982.1002-10.dwg	
APPROVED :	NOT FOR CONSTRUCTION	
This drawing is not to be used for construction purposes unless signed as approved		
REVISION DESCRIPTION	BY	DATE
A Tender Issue		
2 Revised Consultation Issue	MPD	Dec. 12
1 Consultation Issue	MPD	Nov. 12

NOTES :

1. Nelson Circuit (2000) coordinates. Levels to NCC Datum.
2. The Contractor shall confirm the location/depth of all services prior to any excavation.
3. All works shall comply with the latest version of the NCC Land Development Manual and all amendments.
4. Works outside the reconstruction area shall be reinstated as per NCC Land Development Manual.
5. Special care shall be taken to ensure there is no damage to fences and gardens on private property. Any damage is to be repaired promptly at the Contractor's cost.
6. Property boundaries, services location and culvert location supplied by DOP Ltd.

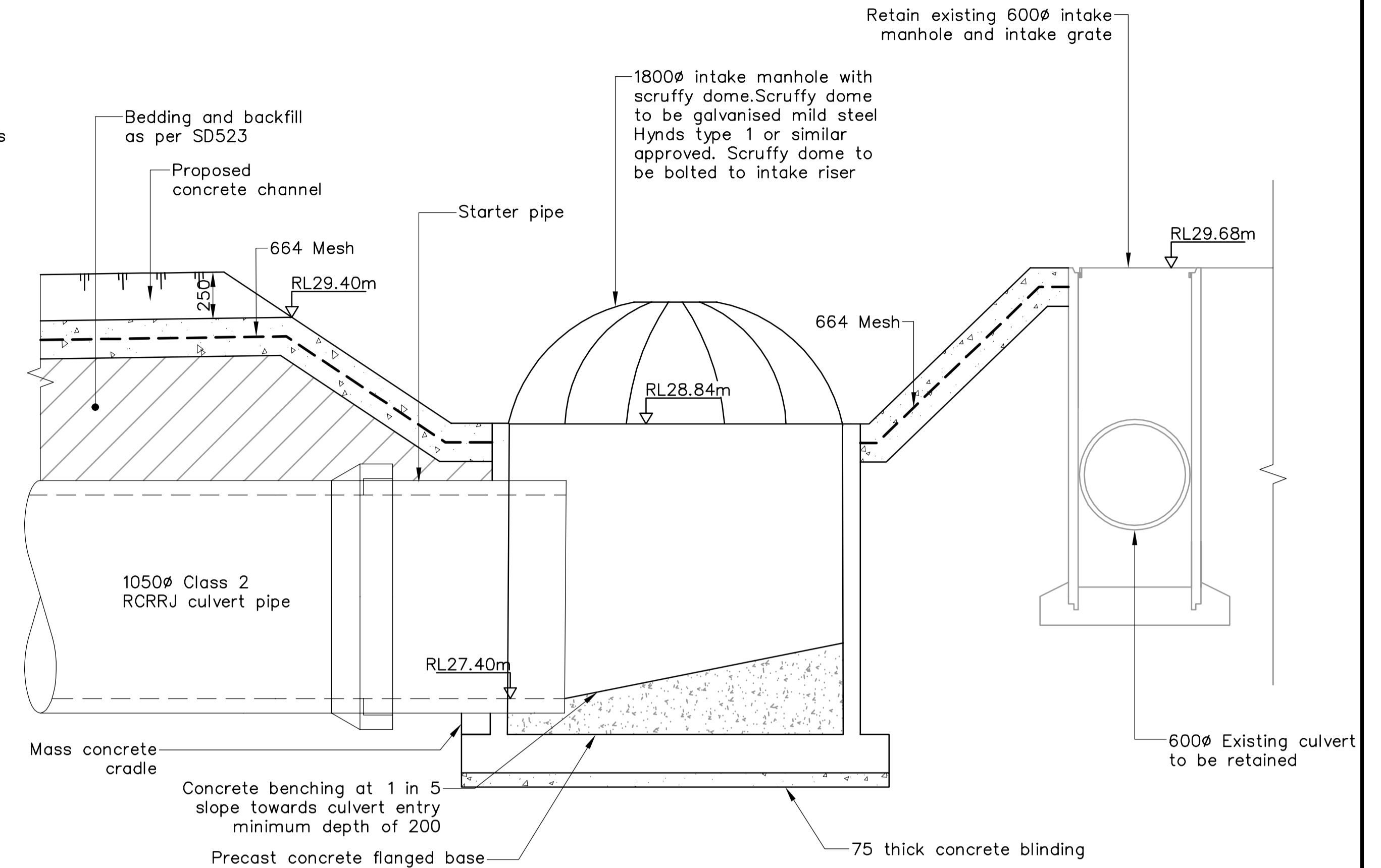
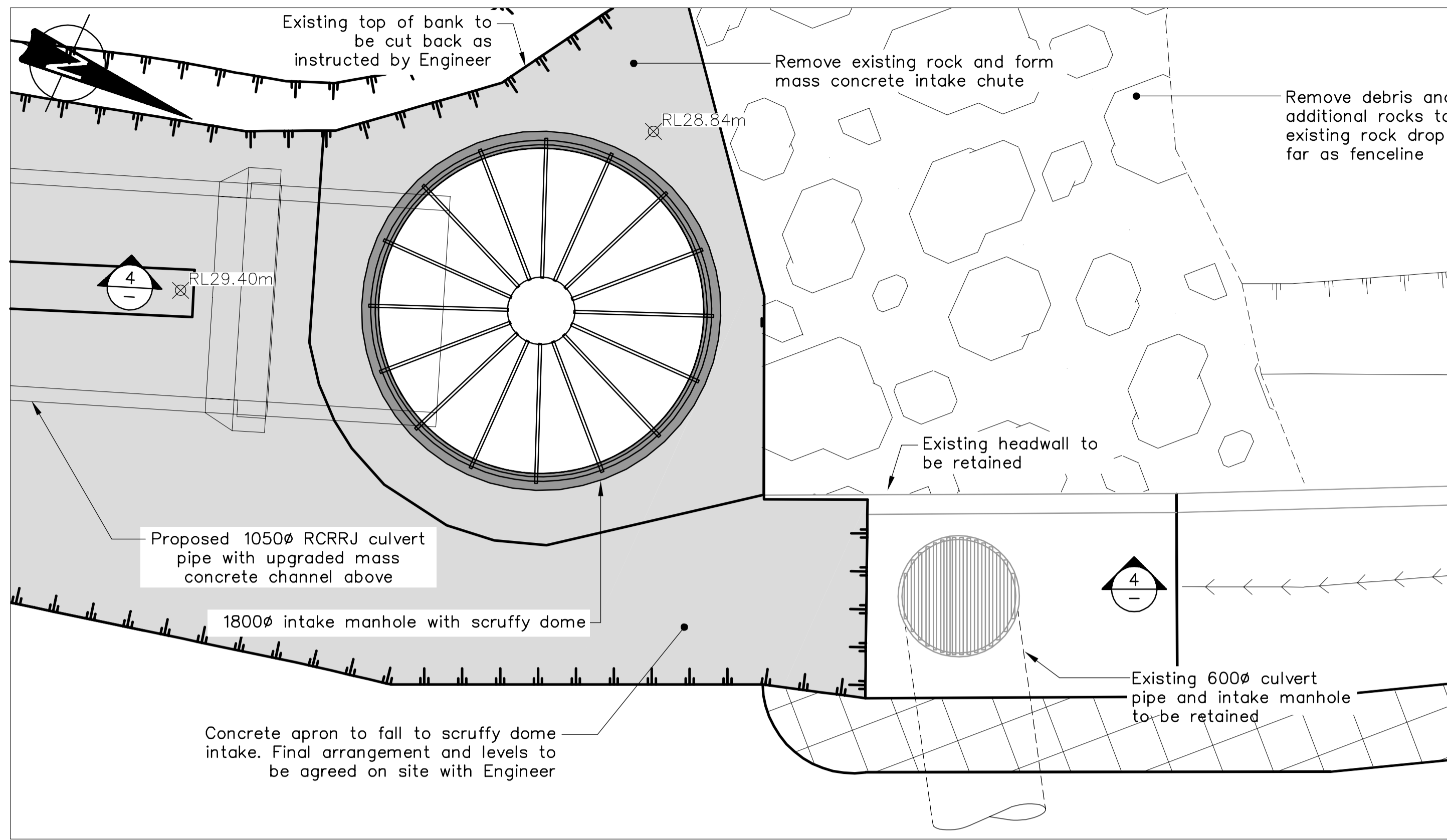
REFERENCE : LiDAR contours and aerial photos supplied by NCC.

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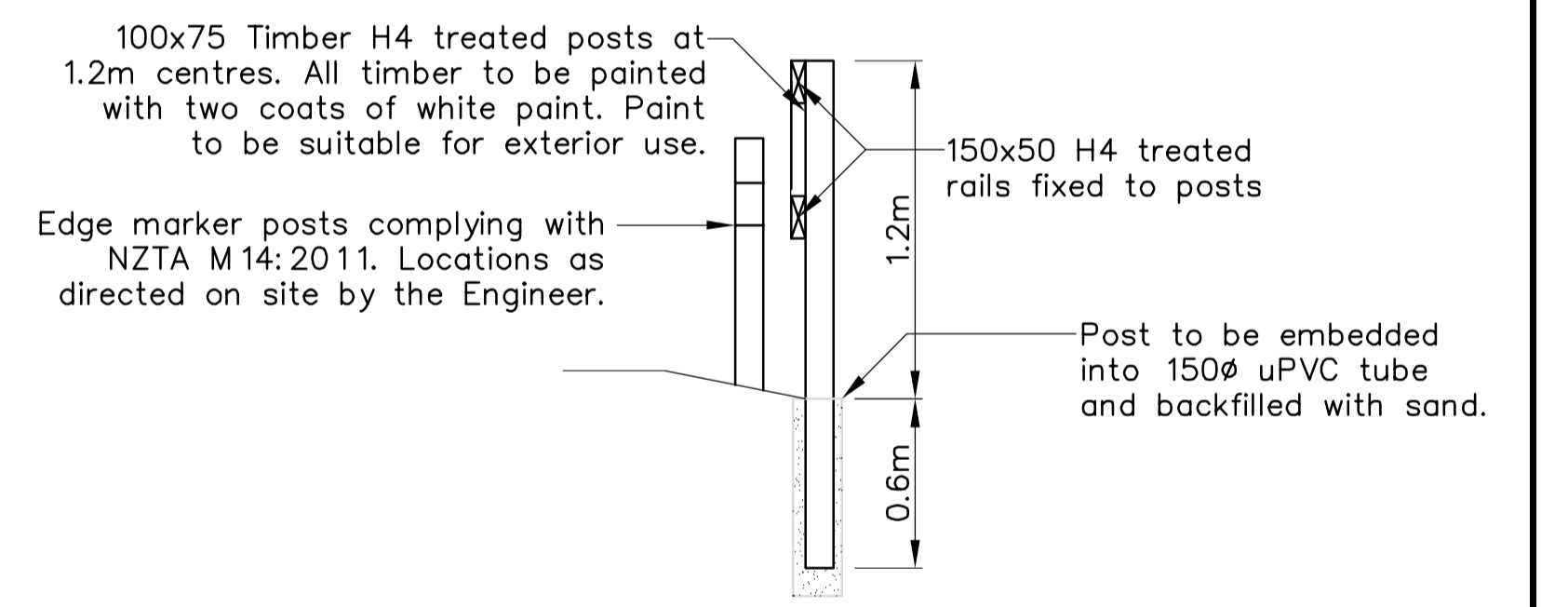
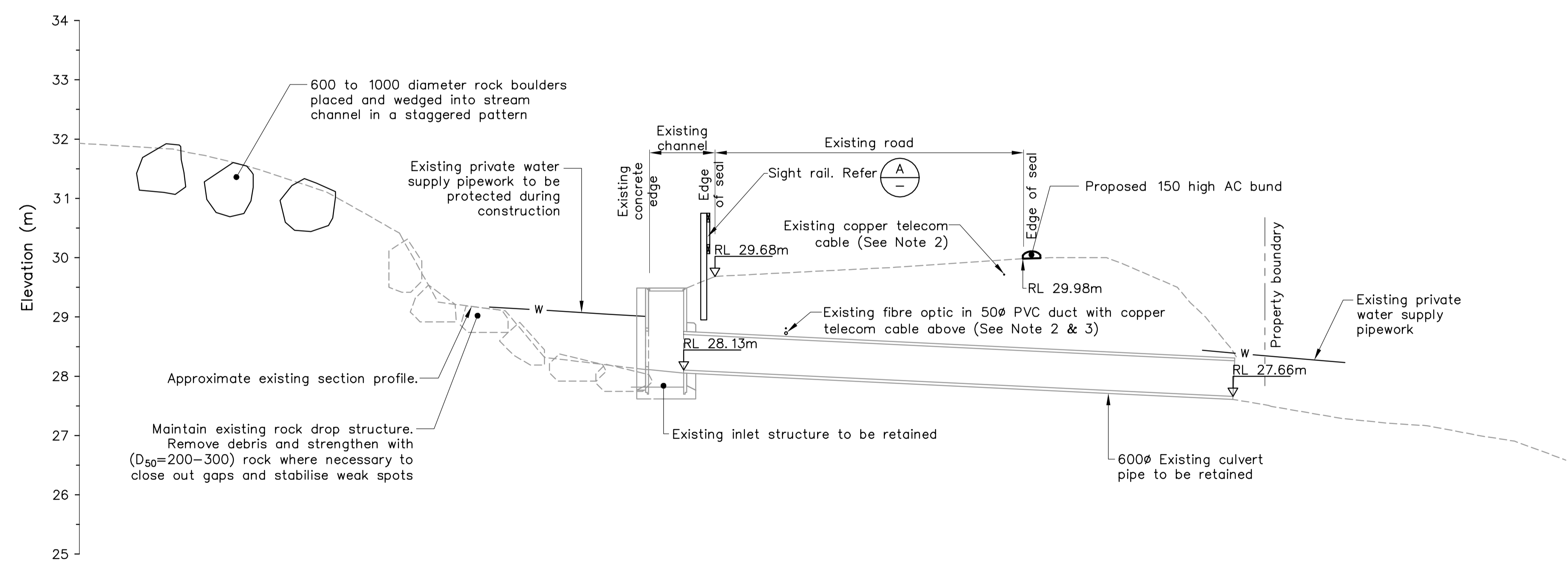
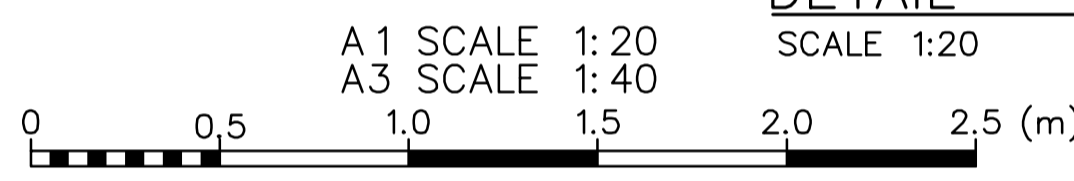
CLIENT, PROJECT	NELSON CITY COUNCIL	
	CABLE BAY ROAD REMEDIATION	
TITLE	CULVERT UPGRADE DESIGN – SITE 2	
	General Arrangement	
SCALES (AT A1 SIZE)	DWG. No.	REV.
1:200	870982.1002-10	A

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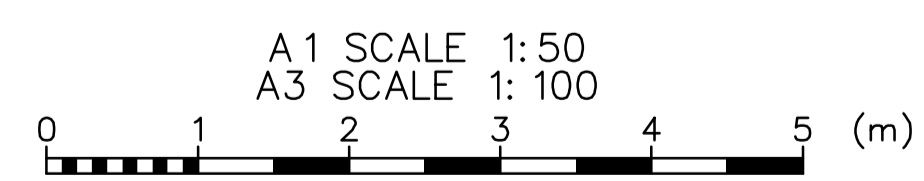


DETAIL **(D)** SITE-2B: GRILL INLET MANHOLE

SECTION **(4)** SCALE 1:20



DETAIL **(A)** SIGHT RAIL SCALE 1:25(A1)



SECTION **(2)** SCALE 1:50

<p>Nelson City Council te kaunihera o Whakatū</p> <p>NETWORK SERVICES DEPARTMENT</p>	<p>APPROVED</p> <p>EXECUTIVE MANAGER NETWORK SERVICES</p>
	<p>DATE .15./4./20.13.....</p>
<p>NCC Plan No. 19-0076</p>	

DRAWING STATUS: TENDER ISSUE

DESIGNED :	KAFK	Dec. 12
DRAWN :	JATG	Dec. 12
DESIGN CHECKED :		
DRAFTING CHECKED :		
CADFILE :	\\870982.1002-20_22.dwg	
APPROVED :	NOT FOR CONSTRUCTION	
This drawing is not to be used for construction purposes unless signed as approved		
REVISION DESCRIPTION	BY	DATE
1 Consultation Issue	MPD	Nov. 12
2 Revised Consultation Issue	MPD	Dec. 12
A Tender Issue		

NOTES :

- All dimensions are in millimetres unless noted otherwise.
- Services and service locations shown on this plan are indicative only. Other services may be present but not shown on this plan. The Contractor shall be responsible for notifying, locating, protecting and relocating all services on the site.
- Prior to commencing any excavation work the Contractor shall provide a method statement detailing their proposed method of construction to ensure the fibre optic cable is to be protected at all times. The method statement is to be approved by the Engineer and Transfield prior to commencement of work on the site.

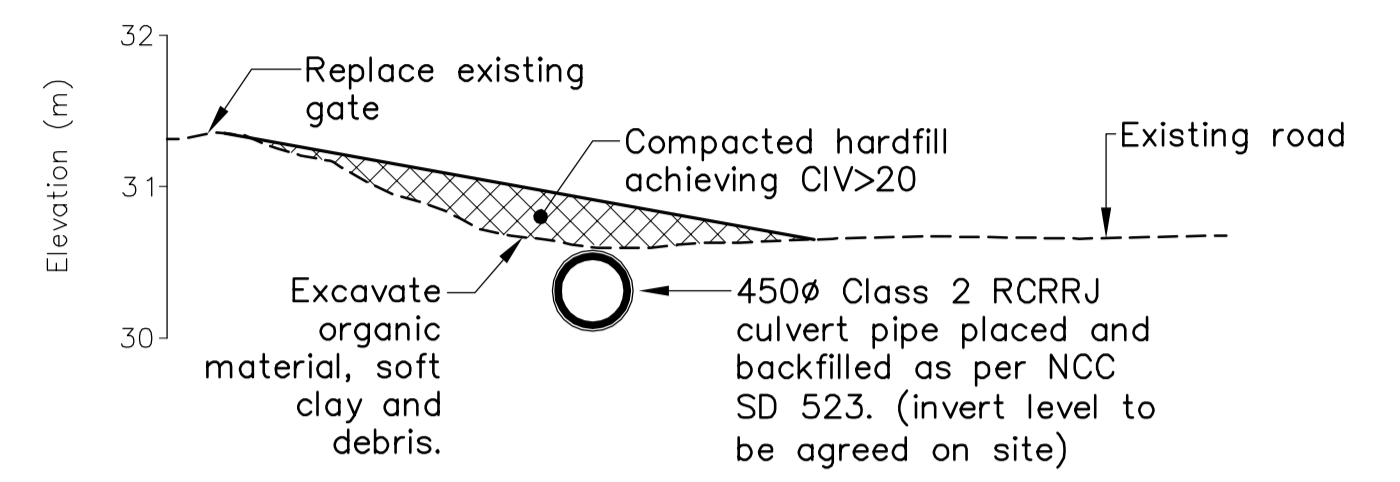
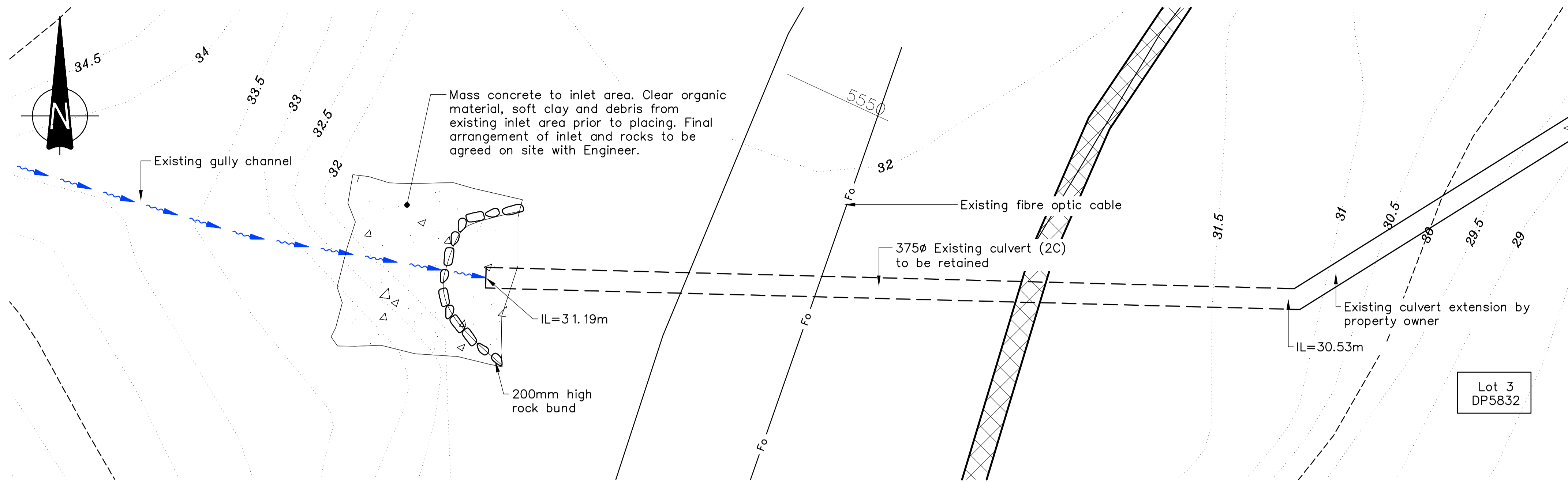
REFERENCE :

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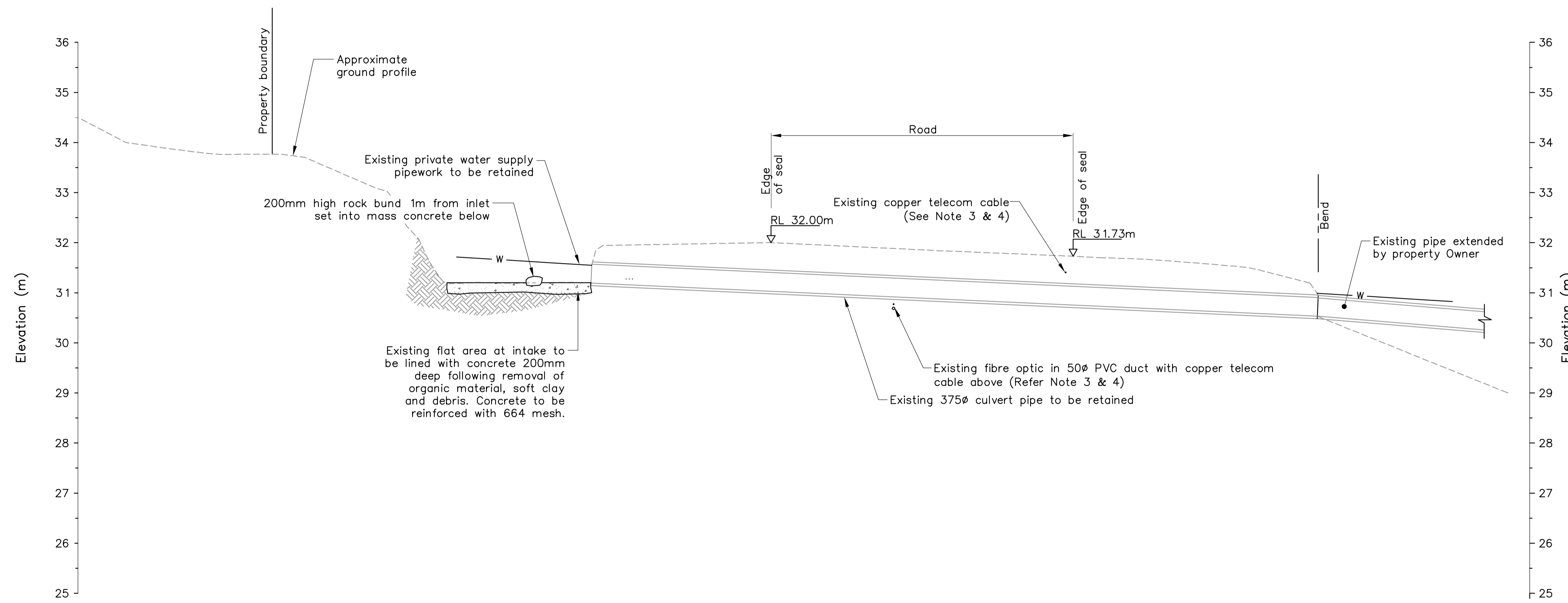
CLIENT, PROJECT	
NELSON CITY COUNCIL CABLE BAY ROAD REMEDIATION	
TITLE	
CULVERT UPGRADE DESIGN – SITE 2 Site 2B Culvert – Section and Details	
SCALES (AT A1 SIZE)	DWG. No.
AS SHOWN	870982.1002-21
REV.	A

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DETAIL E 10 SITE-2C
SCALE 1:50

SECTION 6 10
SCALE 1:50



A1 SCALE 1:50
A3 SCALE 1:100
0 1 2 3 4 5 (m)

SECTION 3 10
SCALE 1:50

<p>Nelson City Council te kaunihera ō whakatū</p> <p>NETWORK SERVICES DEPARTMENT</p>	<p>APPROVED</p> <p>EXECUTIVE MANAGER NETWORK SERVICES</p>
	<p>DATE .15./4./20.13.....</p>
<p>NCC Plan No. 19-0076</p>	

DRAWING STATUS: TENDER ISSUE

DESIGNED :	KAFK	Feb. 13
DRAWN :	JATG	Feb. 13
DESIGN CHECKED :		
DRAFTING CHECKED :		
CADFILE :	\\870982.1002-20_22.dwg	
APPROVED :	NOT FOR CONSTRUCTION	
1 Consultation Issue	MPD	Nov. 12
REVISION DESCRIPTION	BY	DATE

NOTES :

- All dimensions are in millimetres unless noted otherwise.
- Batter back bank and reinstate roadside V-drain towards culvert 2B
- Services and service locations shown on this plan are indicative only. Other services may be present but not shown on this plan. The Contractor shall be responsible for notifying, locating, protecting and relocating all services on the site.
- Prior to commencing any excavation work the Contractor shall provide a method statement detailing their proposed method of construction to ensure the fibre optic cable is to be protected at all times. The method statement is to be approved by the Engineer and Transfield prior to commencement of work on the site.

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CLIENT, PROJECT	NELSON CITY COUNCIL CABLE BAY ROAD REMEDIATION	
TITLE	CULVERT UPGRADE DESIGN - SITE 2 Site 2C Culvert - Section and Details	
SCALES (AT A1 SIZE)	DWG. No.	REV.
1:50	870982.1002-22	A

P:\870982\870982_1002\Working\Site\870982_1002-20_22.dwg, 22. 9:05:00 13/11/13 8:11:03 a.m., caduser, A1, 1, 1