

# NELSON CITY COUNCIL

## Cable Bay Road Remediation, Contract No: EC 3424

### Tender Issue

DRAWING Rev Title

#### GENERAL INFORMATION - SITE 25

- 870982.1025-00 A Location Plan and Drawing List
- 870982.1025-01 A Existing Site and Site Investigation Plan
- 870982.1025-02 A Working Areas & Erosion Sediment Control Plan

#### CULVERT UPGRADE DESIGN - SITE 25

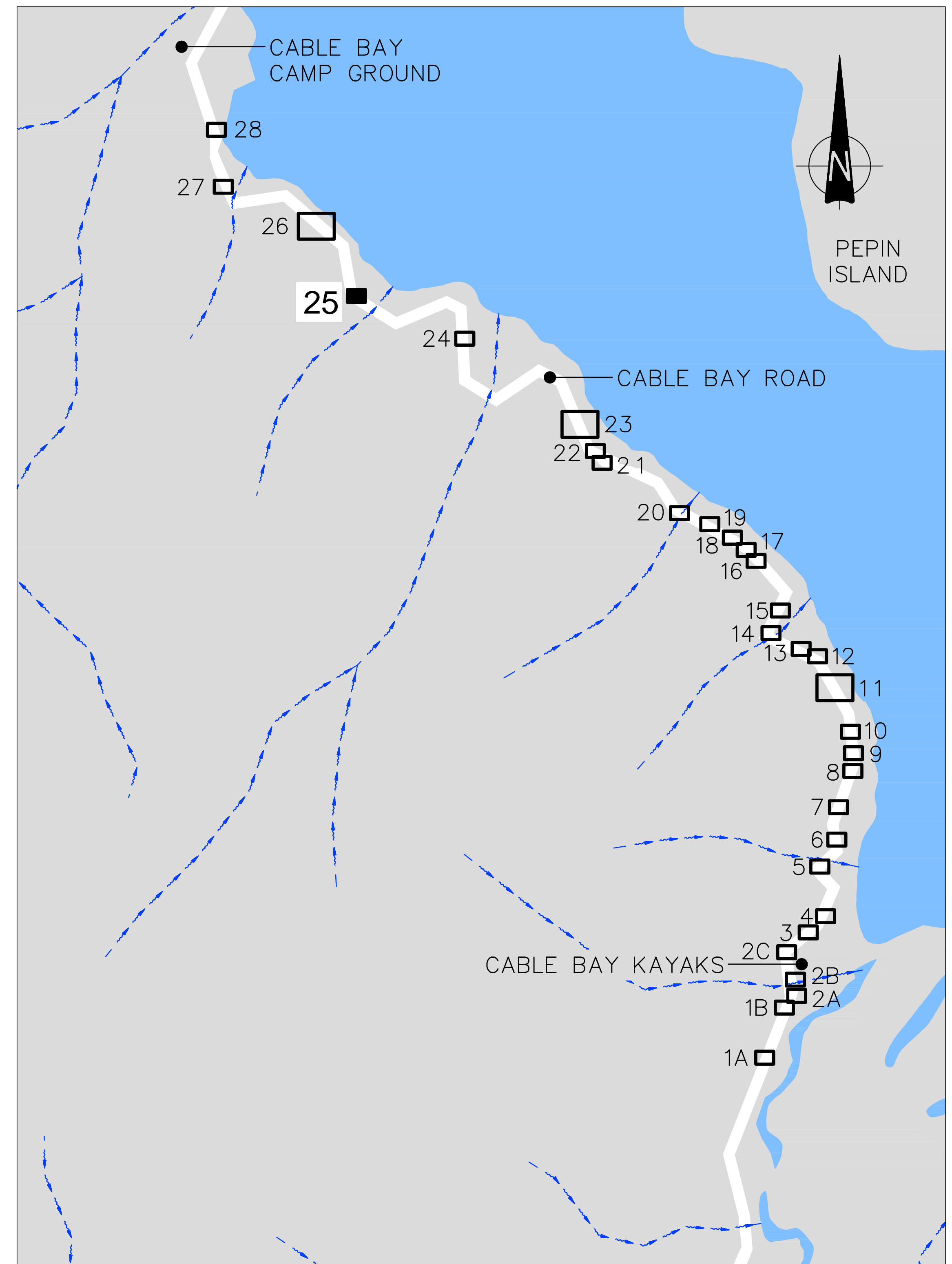
- 870982.1025-10 A General Arrangement
- 870982.1025-20 A Site 25A Culvert - Sections
- 870982.1025-21 A Site 25B Culvert - Section and Detail

- Denotes drawing this issue: 08/05/2013



Topomap sourced from Land Information New Zealand data (Crown Copyright Reserved).

**LOCALITY MAP**  
SCALE 1: 100,000



**SITE LOCATION PLAN**  
SCALE 1: 5,000

<p><b>Nelson City Council</b> te kaunihera o whakatū</p> <p>NETWORK SERVICES DEPARTMENT</p>	<p>APPROVED</p> <p>EXECUTIVE MANAGER NETWORK SERVICES</p>
	<p>DATE: 15/4/2013</p>
<p><b>NCC Plan No. 19-0076</b></p>	

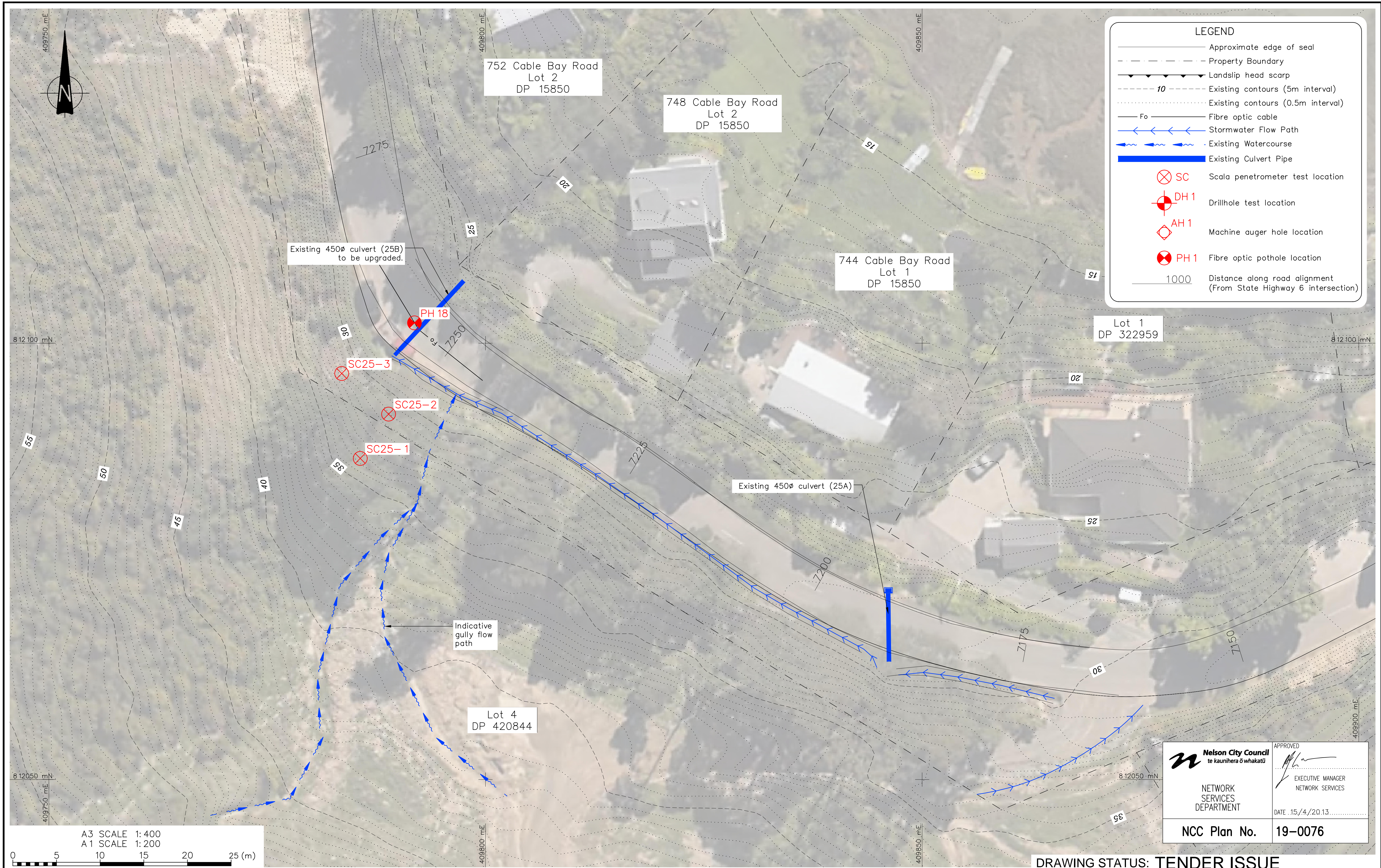
**DRAWING STATUS: TENDER ISSUE**

DESIGNED :	KAFK	Oct. 12	NOTES :
DRAWN :	JATG	Oct. 12	
DESIGN CHECKED :			
DRAFTING CHECKED :			
CADFILE :	\\870982.1025-00.dwg		
APPROVED :			<p><b>NOT FOR CONSTRUCTION</b></p> <p>This drawing is not to be used for construction purposes unless signed as approved</p>
1 Consultation Issue	MPD	Nov. 12	
REVISION DESCRIPTION	BY	DATE	REFERENCE :

**TT** **Tonkin & Taylor**  
Environmental and Engineering Consultants

43 Halifax St, Nelson  
Tel. (03) 546 6339 Fax. (03) 546 7619  
www.tonkin.co.nz

CLIENT, PROJECT	<b>NELSON CITY COUNCIL</b>	
TITLE	<b>CABLE BAY ROAD REMEDIATION</b>	
TITLE	GENERAL INFORMATION - SITE 25	
TITLE	Location Plan and Drawing List	
SCALES (AT A1 SIZE)	DWG. No.	REV.
AS SHOWN	870982.1025-00	A



**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
- 1000 Distance along road alignment (From State Highway 6 intersection)

A3 SCALE 1:400  
 A1 SCALE 1:200

0 5 10 15 20 25 (m)

**Nelson City Council**  
 te kaunihera o whakatū

NETWORK SERVICES DEPARTMENT

APPROVED  
 EXECUTIVE MANAGER NETWORK SERVICES  
 DATE 15/4/2013

**NCC Plan No. 19-0076**

**DRAWING STATUS: TENDER ISSUE**

DESIGNED :	MPD	Oct. 12
DRAWN :	JATG	Oct. 12
DESIGN CHECKED :		
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CADFILE :	\\870982.1025-01.dwg	
APPROVED :		
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REVISION DESCRIPTION	BY	DATE
1 Consultation Issue	MPD	Nov. 12

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**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.

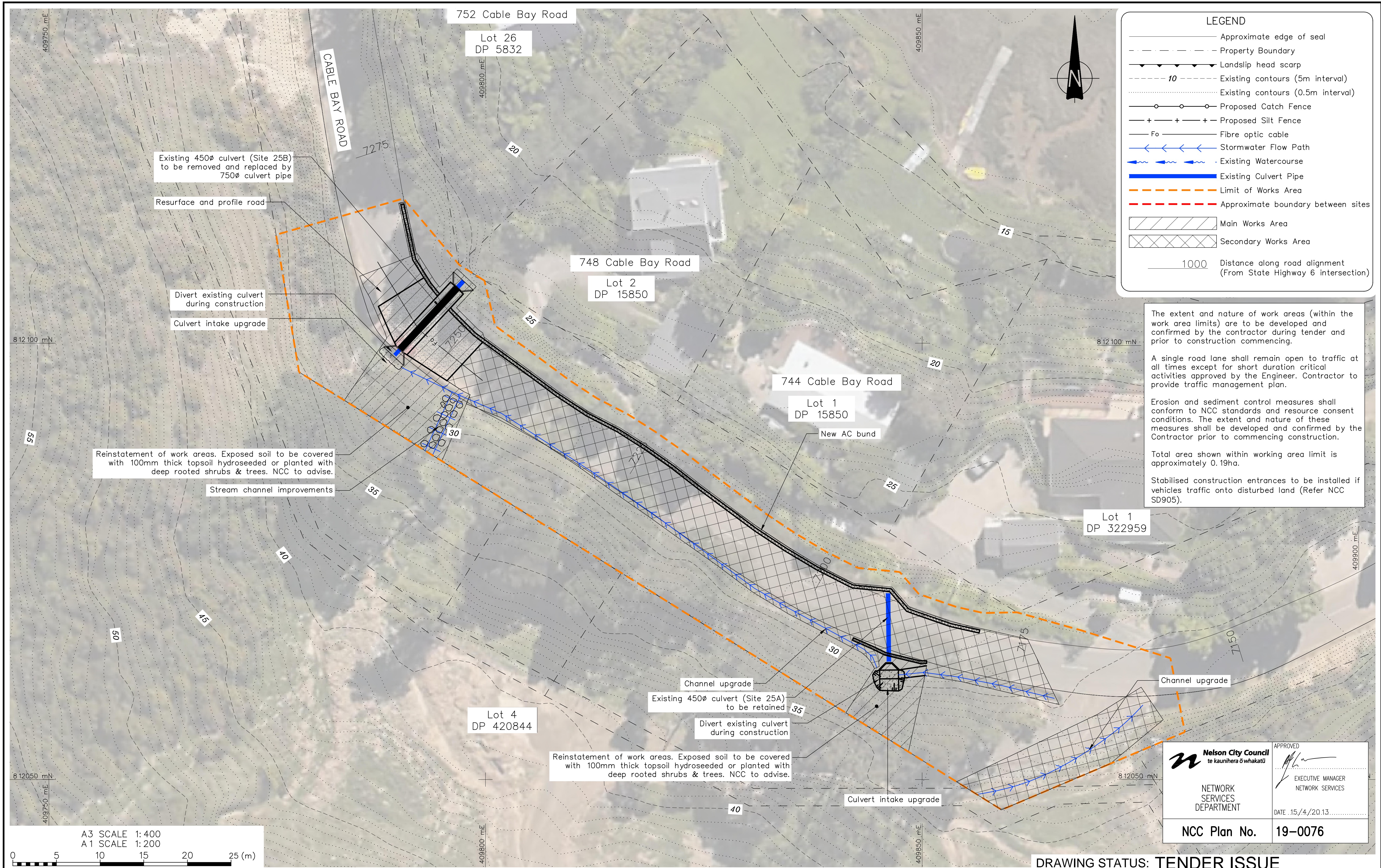
REFERENCE : LiDAR contours and aerial photos supplied by NCC.

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CLIENT, PROJECT	<b>NELSON CITY COUNCIL</b>	
	CABLE BAY ROAD REMEDIATION	
TITLE	GENERAL INFORMATION – SITE 25	
	Existing Site and Site Investigation Plan	
SCALES (AT A1 SIZE)	DWG. No.	REV.
1:200	870982.1025-01	A

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**LEGEND**

- Approximate edge of seal
- - - Property Boundary
- ▲ Landslip head scarp
- - - 10 Existing contours (5m interval)
- - - Existing contours (0.5m interval)
- Proposed Catch Fence
- + + + Proposed Silt Fence
- Fo - Fibre optic cable
- ← Stormwater Flow Path
- ~ Existing Watercourse
- Existing Culvert Pipe
- - - Limit of Works Area
- - - Approximate boundary between sites
- ▨ Main Works Area
- ▩ Secondary Works Area
- 1000 Distance along road alignment (From State Highway 6 intersection)

The extent and nature of work areas (within the work area limits) are to be developed and confirmed by the contractor during tender and prior to construction commencing.

A single road lane shall remain open to traffic at all times except for short duration critical activities approved by the Engineer. Contractor to provide traffic management plan.

Erosion and sediment control measures shall conform to NCC standards and resource consent conditions. The extent and nature of these measures shall be developed and confirmed by the Contractor prior to commencing construction.

Total area shown within working area limit is approximately 0.19ha.

Stabilised construction entrances to be installed if vehicles traffic onto disturbed land (Refer NCC SD905).

A3 SCALE 1:400  
A1 SCALE 1:200

0 5 10 15 20 25 (m)

**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**

DESIGNED :	MPD	Oct. 12
DRAWN :	DJAA	Oct. 12
DESIGN CHECKED :		
DRAFTING CHECKED :		
CADFILE :	\\870982.1025-02.dwg	
APPROVED :	<b>NOT FOR CONSTRUCTION</b>	
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 :**

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- 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.

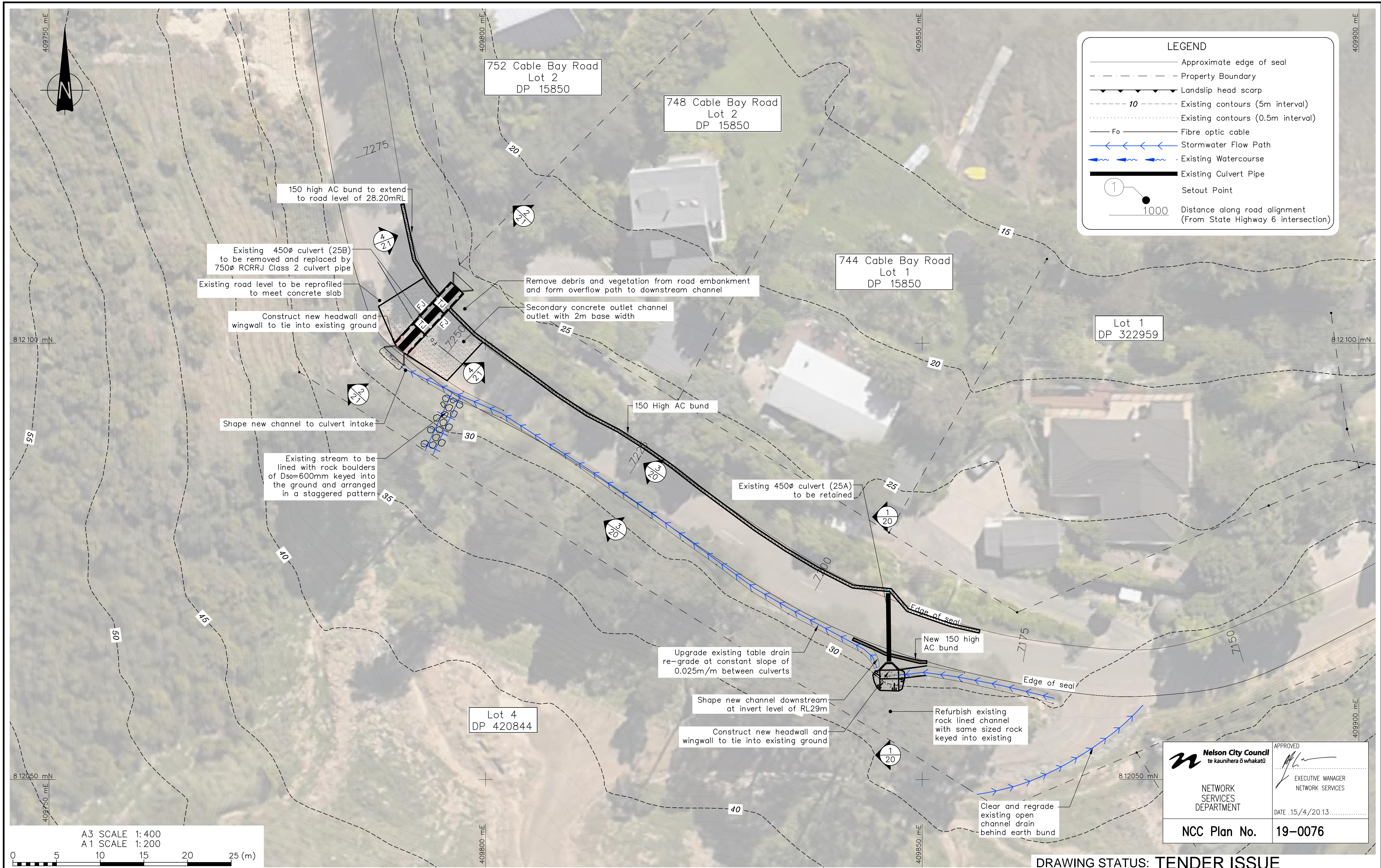
REFERENCE : LiDAR contours and aerial photos supplied by NCC.

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CLIENT, PROJECT	<b>NELSON CITY COUNCIL</b> CABLE BAY ROAD REMEDIATION	
TITLE	GENERAL INFORMATION - SITE 25 Working Areas & Erosion Sediment Control Plan	
SCALES (AT A1 SIZE)	1:200	DWG. No. 870982.1025-02
REV.	A	

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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
	Setout Point
	Distance along road alignment (From State Highway 6 intersection)

A3 SCALE 1:400  
A1 SCALE 1:200

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

**DRAWING STATUS: TENDER ISSUE**

DESIGNED :	KAFK	Jan. 13
DRAWN :	JATG	Jan. 13
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APPROVED :	<b>NOT FOR CONSTRUCTION</b>	
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REVISION DESCRIPTION	BY	DATE
1 Consultation Issue	MPD	Nov. 12

NOTES :

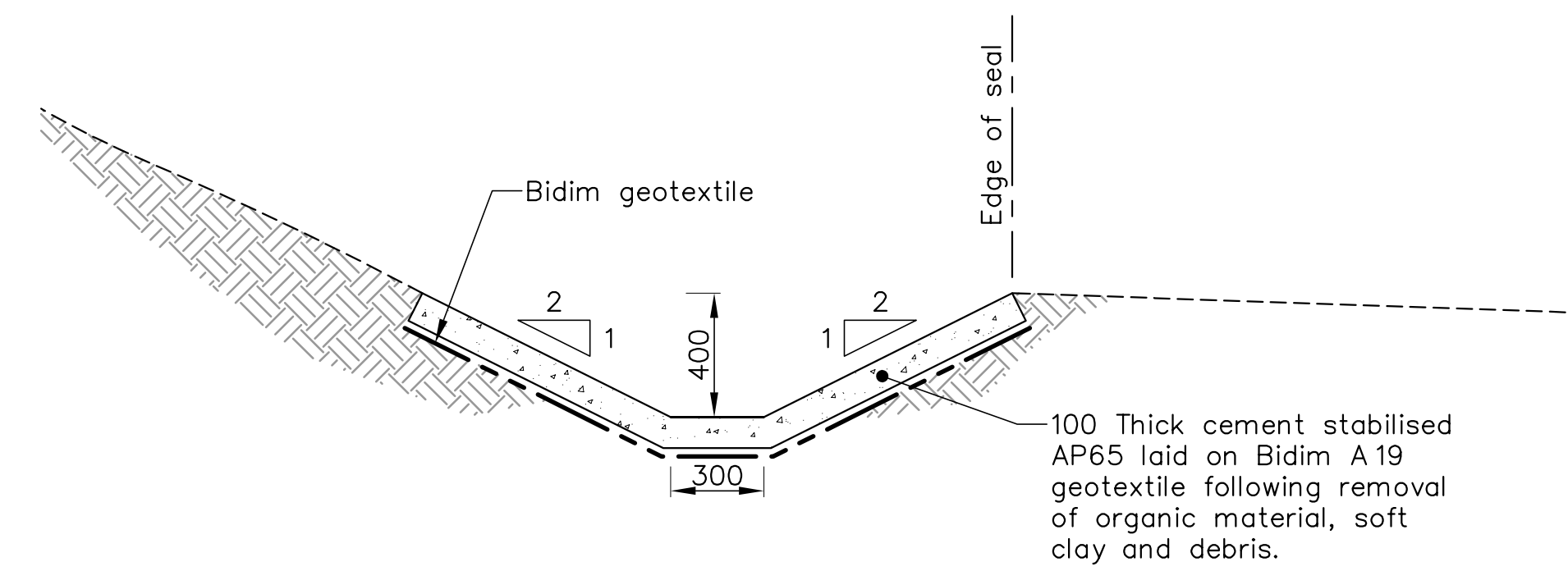
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REFERENCE : LiDAR contours and aerial photos supplied by NCC.

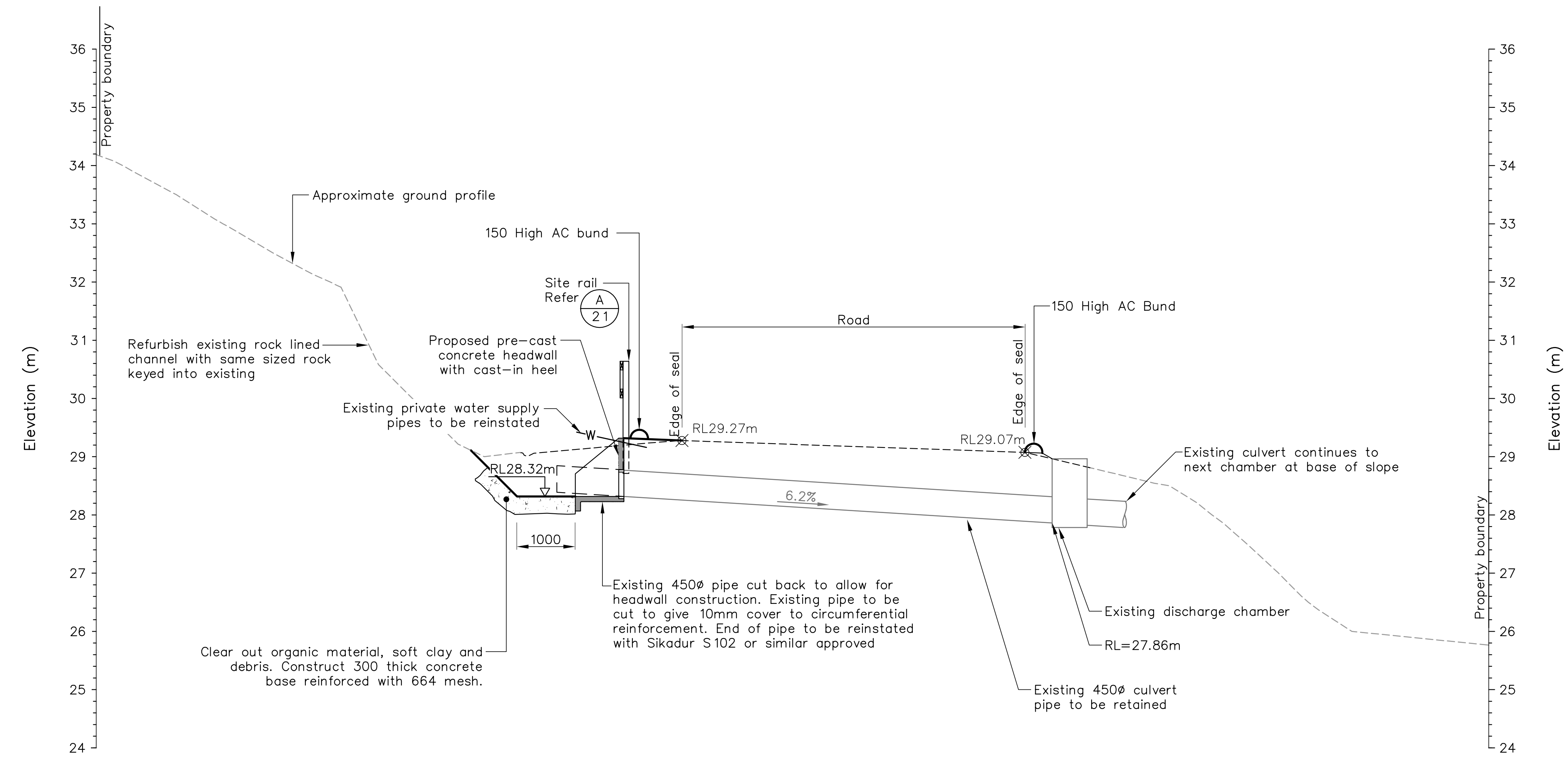
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CLIENT, PROJECT	<b>NELSON CITY COUNCIL</b>	
	CABLE BAY ROAD REMEDIATION	
TITLE	CULVERT UPGRADE DESIGN – SITE 25	
	General Arrangement	
SCALES (AT A1 SIZE)	DWG. No.	REV.
1:200	870982.1025-10	A

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SECTION **3**  
SCALE 1:20(A1) **10**  
NOTE: Final dimensions of channel to be agreed on site with the Engineer.



A1 SCALE 1:50  
A3 SCALE 1:100  
SECTION **1**  
SCALE 1:50 (A1) **10**

<p><b>Nelson City Council</b> te kaunihera o whakatū</p> <p>NETWORK SERVICES DEPARTMENT</p>	<p>APPROVED</p> <p>EXECUTIVE MANAGER NETWORK SERVICES</p>
	<p>DATE: 15/4/2013</p>
<p>NCC Plan No. <b>19-0076</b></p>	

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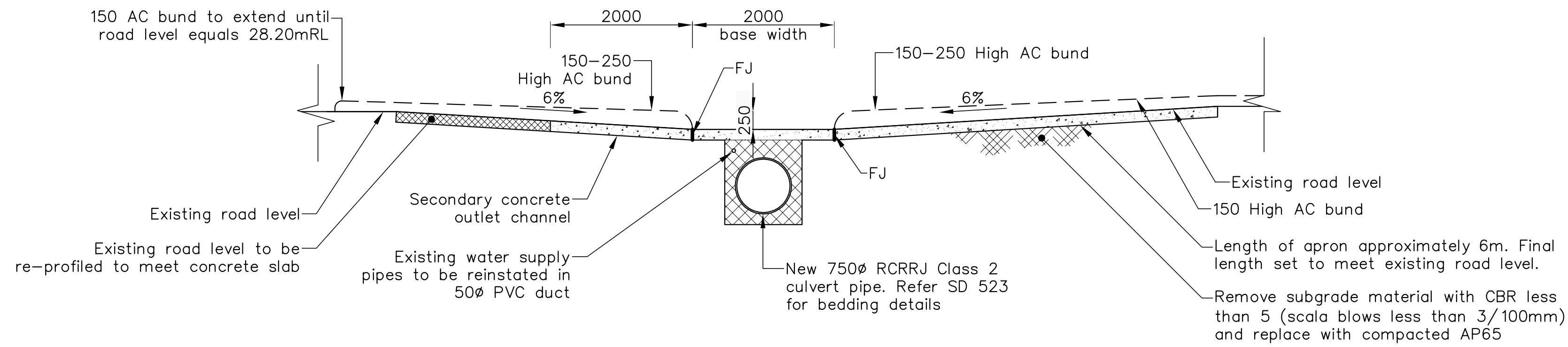
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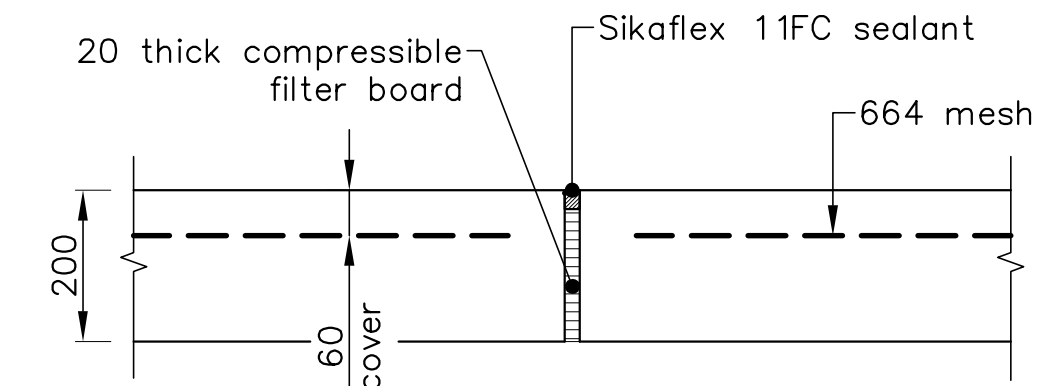
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CLIENT, PROJECT	<b>NELSON CITY COUNCIL</b>	
	CABLE BAY ROAD REMEDIATION	
TITLE	CULVERT UPGRADE DESIGN – SITE 25	
	Site 25A Culvert – Sections	
SCALES (AT A1 SIZE)	DWG. No.	REV.
AS SHOWN	870982.1025-20	A

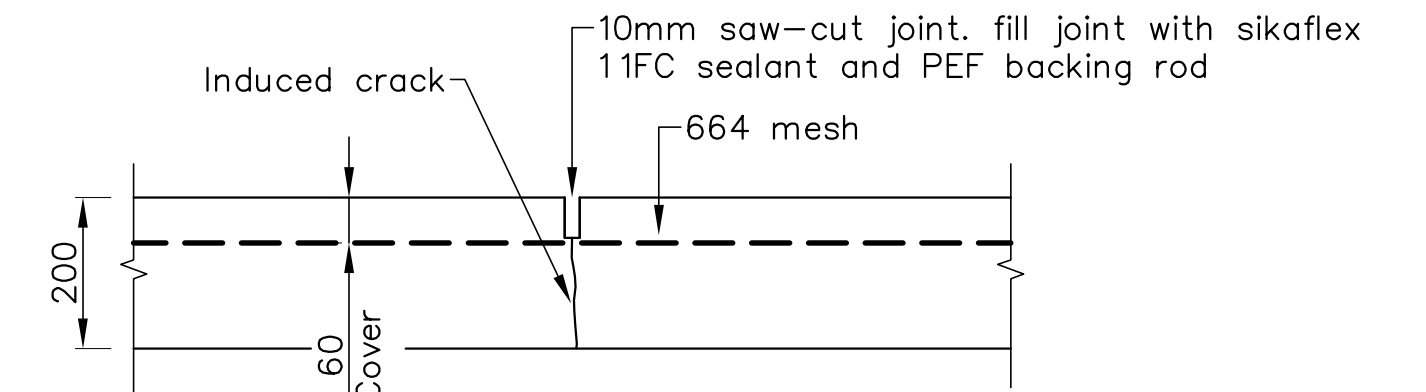
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SECTION 4  
SCALE 1:50 (A1)

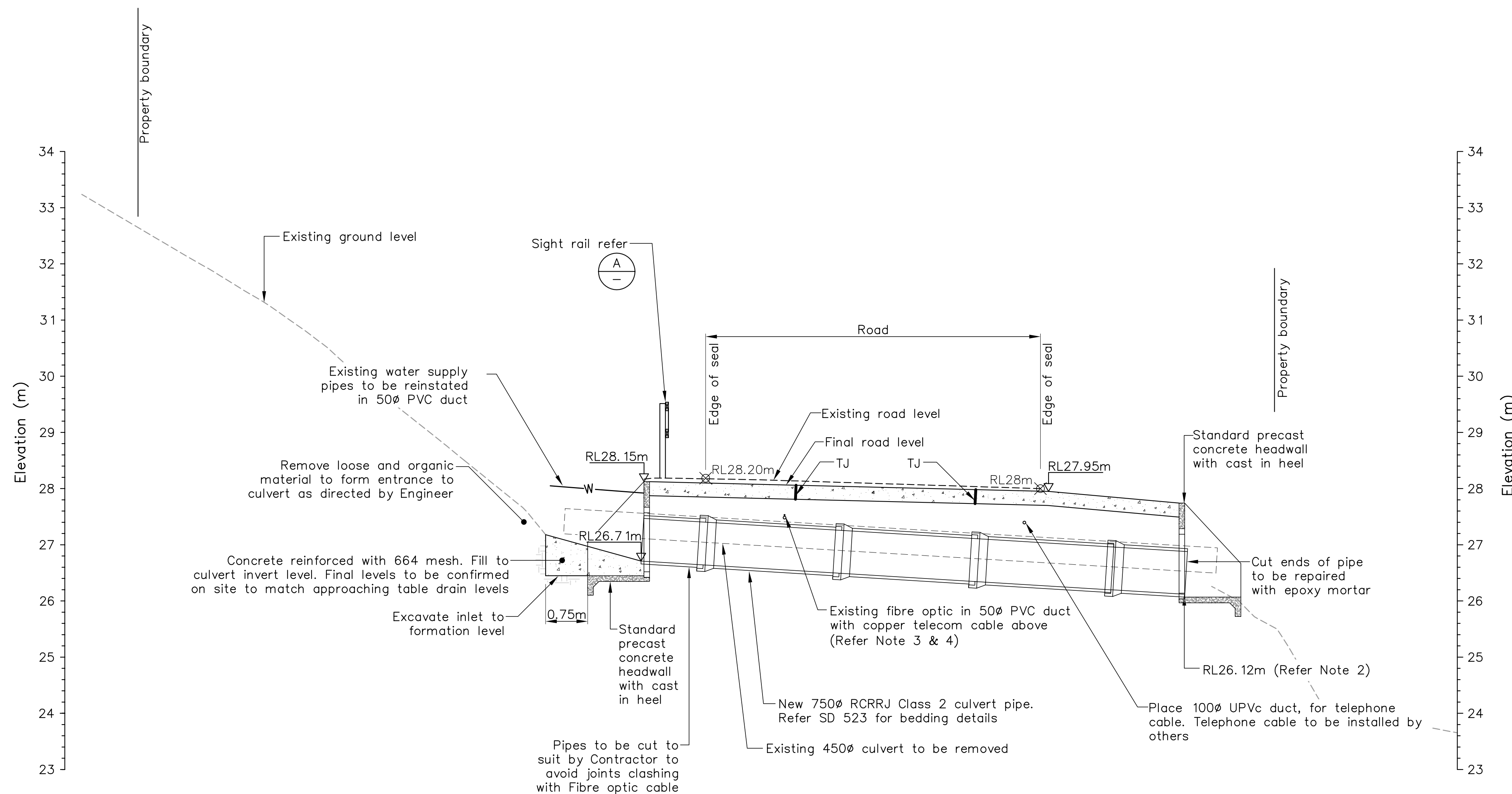


CONCRETE OUTLET CHANNEL  
FREE JOINT (FJ) TYPICAL DETAIL

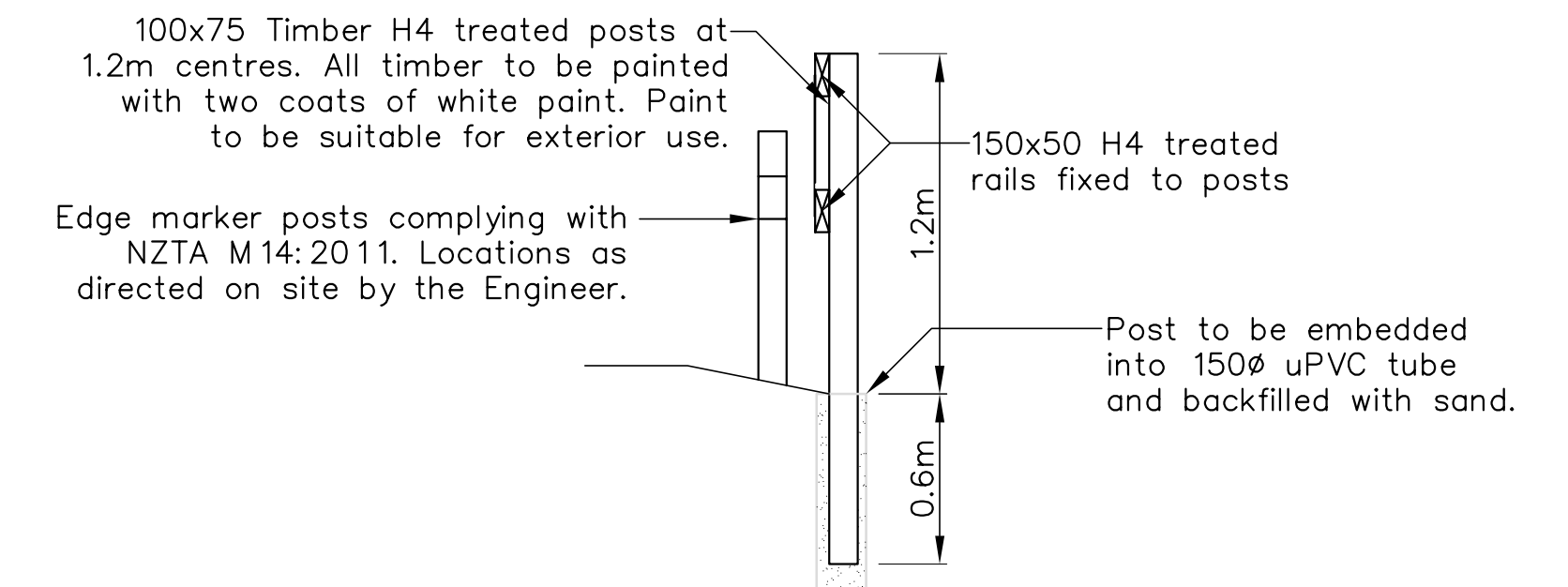


CONCRETE OUTLET CHANNEL  
TIED JOINT (TJ) TYPICAL DETAIL

SCALE 1: 10 (A1)



SECTION 2  
SCALE 1:50 (A1)



DETAIL A SIGHT RAIL  
SCALE 1:25(A1)

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

4. 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.

- NOTES:
- All dimensions are in millimetres unless noted otherwise.
  - Provide 100mm min clearance below existing fibre optic in 500 PVC duct. If necessary the invert levels may be lowered to achieve sufficient clearance subject to Engineers approval.
  - 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.

REFERENCE :

<p>Nelson City Council te kaunihera o whakatū</p> <p>NETWORK SERVICES DEPARTMENT</p> <p>NCC Plan No. 19-0076</p>	<p>APPROVED</p> <p>EXECUTIVE MANAGER NETWORK SERVICES</p> <p>DATE: 15/4/2013</p>
	<p>SCALE: AS SHOWN</p>

DRAWING STATUS: TENDER ISSUE

DESIGNED :	KAFK	Jan. 13
DRAWN :	JATG	Jan. 13
DESIGN CHECKED :		
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CADFILE :	\\870982.1025-20_21.dwg	
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CLIENT, PROJECT	NELSON CITY COUNCIL CABLE BAY ROAD REMEDIATION	
TITLE	CULVERT UPGRADE DESIGN – SITE 25 Site 25B Culvert – Section and Detail	
SCALE (AT A1 SIZE)	DWG. No.	REV.
AS SHOWN	870982.1025-21	A