

NELSON CITY COUNCIL

Cable Bay Road Remediation, Contract No: EC 3424

Tender Issue

DRAWING Rev Title

GENERAL INFORMATION - SITE 15

- 870982.1015-00 A Location Plan and Drawing List
- 870982.1015-01 A Existing Site and Site Investigation Plan
- 870982.1015-02 A Working Areas & Erosion Sediment Control Plan

RETAINING WALL DESIGN - SITE 15

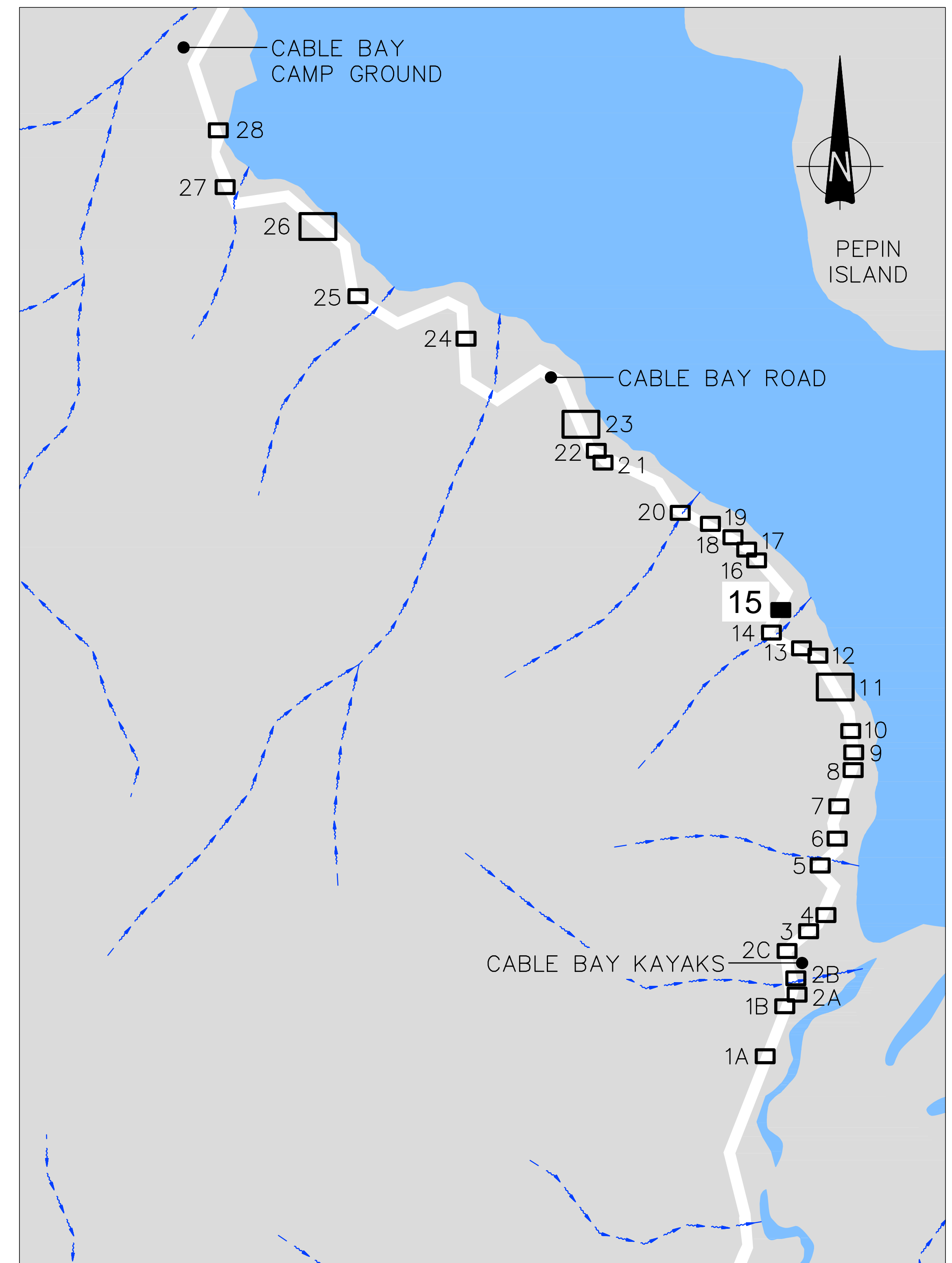
- 870982.1015-10 A General Arrangement
- 870982.1015-20 A Section and Elevation

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

DRAWING STATUS: TENDER ISSUE

DESIGNED :	DJA	May.12	NOTES :
DRAWN :	DWM	May.12	
DESIGN CHECKED :			
DRAFTING CHECKED :			
CADFILE :	\\870982.10.15-00.dwg		
APPROVED :			REFERENCE :
<p>NOT FOR CONSTRUCTION This drawing is not to be used for construction purposes unless signed as approved</p>			
REVISION DESCRIPTION	BY	DATE	
1 Consultation Issue	MPD	Nov.12	

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	NELSON CITY COUNCIL	
TITLE	CABLE BAY ROAD REMEDIATION	
TITLE	GENERAL INFORMATION – SITE 15	
TITLE	Location Plan and Drawing List	
SCALES (AT A1 SIZE)	DWG. No.	REV.
AS SHOWN	870982.10.15-00	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
	Distance along road alignment (From State Highway 6 intersection)

 NETWORK SERVICES DEPARTMENT	APPROVED EXECUTIVE MANAGER NETWORK SERVICES
	DATE: 15/4/2013
NCC Plan No. 19-0076	

DRAWING STATUS: TENDER ISSUE

A3 SCALE 1:200 A1 SCALE 1:100	
DESIGNED :	MPD Oct.12
DRAWN :	DWM Oct.12
DESIGN CHECKED :	
DRAFTING CHECKED :	
CADFILE :	\\870982.1015-01.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

NOTES :

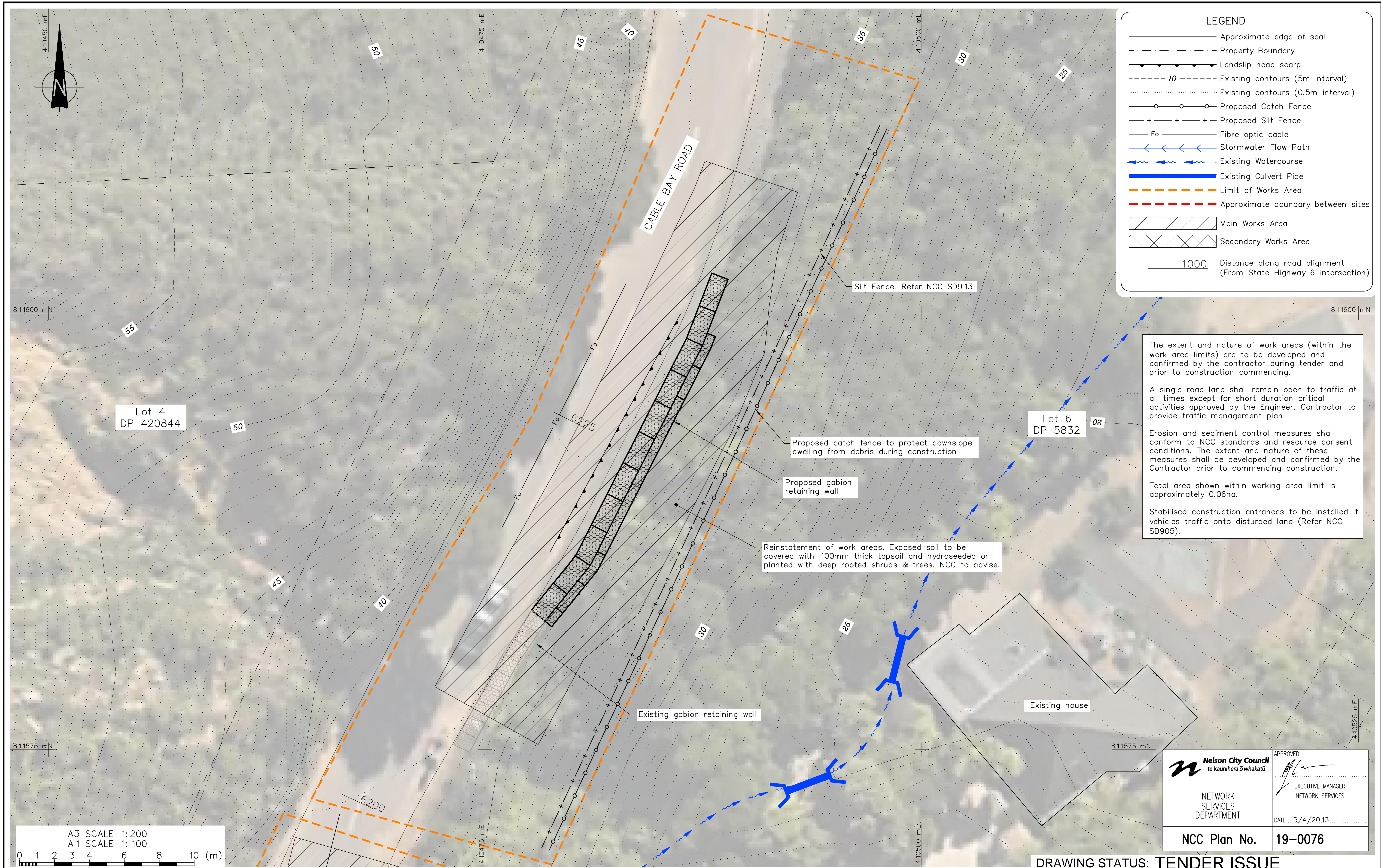
- Nelson Circuit (2000) coordinates. Levels to NCC Datum.
- The Contractor shall confirm the location/depth of all services prior to any excavation.
- All works shall comply with the latest version of the NCC Land Development Manual and all amendments.
- Works outside the reconstruction area shall be 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 15 Existing Site and Site Investigation Plan	
SCALES (AT A1 SIZE)	DWG. No.	REV.
1:100	870982.1015-01	A

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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 0.06ha.

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

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	Nov. 12
DRAWN :	DJAA	Nov. 12
DESIGN CHECKED :		
DRAFTING CHECKED :		
CADFILE :	\\870982.1015-02.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	Nov. 12

NOTES :

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	CABLE BAY ROAD REMEDIATION	
TITLE	GENERAL INFORMATION - SITE 15	
	Working Areas & Erosion Sediment Control Plan	
SCALES (AT A1 SIZE)	DWG. No.	REV.
1:100	870982.1015-02	A

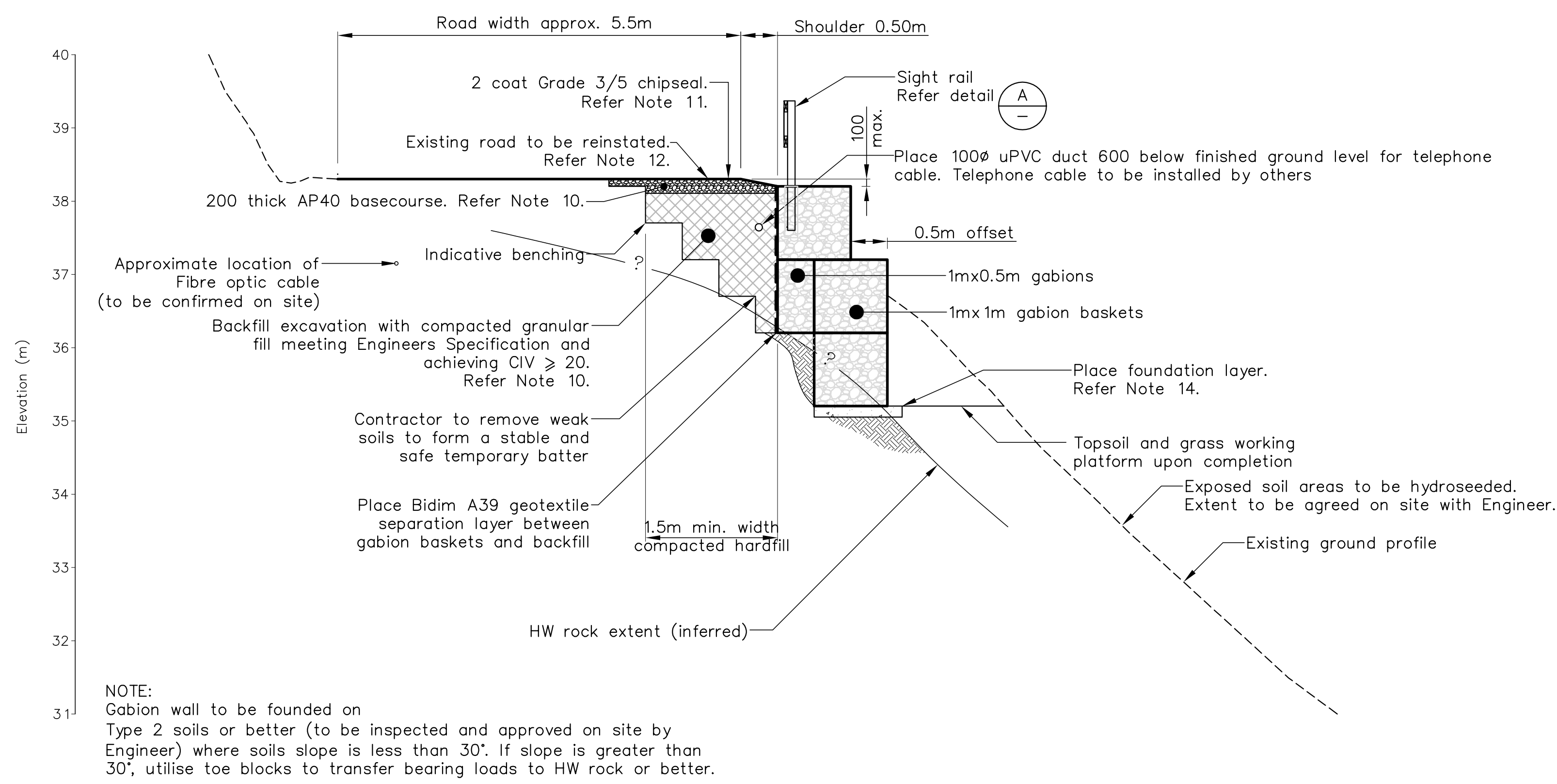
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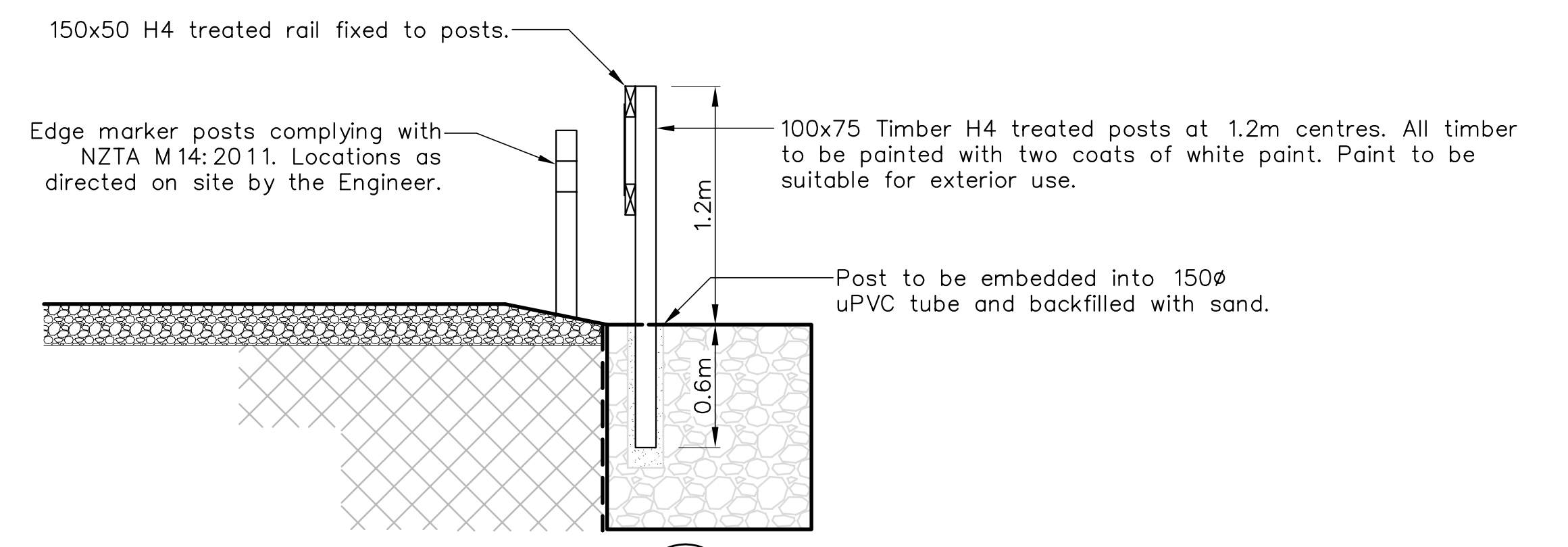
Nelson City Council
 te kaunihera o whakatū
 NETWORK SERVICES DEPARTMENT
 NCC Plan No. 19-0076

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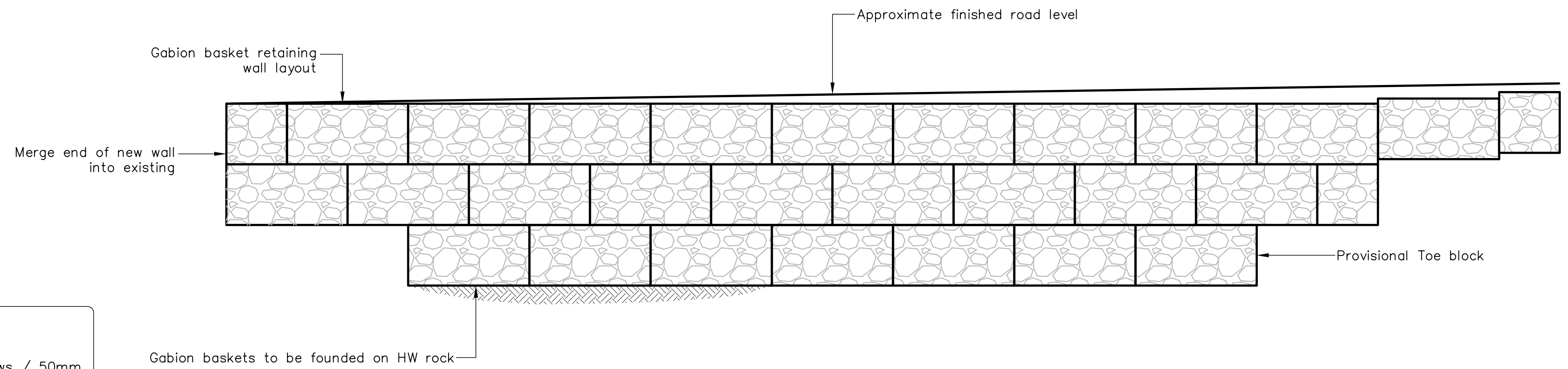
NOTE:
Gabion wall to be founded on Type 2 soils or better (to be inspected and approved on site by Engineer) where soils slope is less than 30°. If slope is greater than 30°, utilise toe blocks to transfer bearing loads to HW rock or better.

SECTION 2
SCALE 1:50



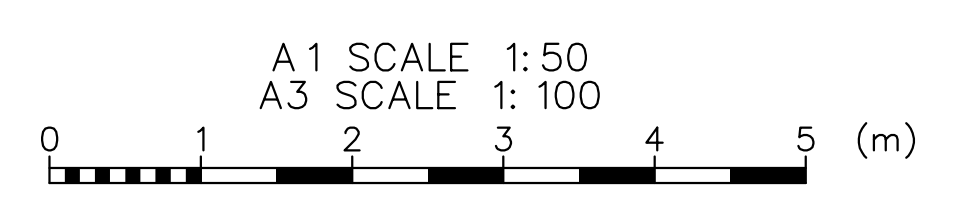
DETAIL A
SCALE 1:25
SIGHT RAIL

- NOTES: (continued):
- Backfill to be placed and compacted in 150mm thick horizontal layers with a minimum of 4 passes of a pedestrian roller or equivalent vibrating plate compactor or trenching tool (to be approved by the Engineer). Backfill shall be conditioned to appropriate moisture content. Care shall be taken to avoid excessive compaction pressures on the new retaining wall.
 - Gabion baskets to consist of wire that is Galvan and PVC coated or similar approved by the Engineer.
 - Gabion basket to be constructed in accordance with manufacturers specifications.
 - Gabion infill shall consist of 100-250mm rock as agreed by Engineer.
 - Fill and subbase compaction to be tested in accordance with the Specification prior to placing basecourse and chipseal.
 - Extent of chipseal to be agreed on site with the Engineer.
 - Existing gradient of carriageway to be established and projected to edge of seal to set level of edge of road. The top of the upper gabion basket is to be a maximum of 100mm below top of seal.
 - Contractor to provide As-Built Drawings and PS3 on completion of works.
 - Foundations for gabions on Type 1 or Type 2 soils to be min. 150 thick site concrete. All other foundations to be either min. 150 thick site concrete or compacted AP65 + 5% cement binding layer to form level base. All surfaces to be rough and undulating. Hand form 50 wide shallow drainage channels in surface to fall at 2% toward downslope side at 2m c/c spacing extending under gabion basket.



SITE 15 - FRONT ELEVATION
SCALE 1:50

CONSTRUCTION NOTES:
1. Type 2 soil has scaia blow counts >= 2 blows / 50mm



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	<p>19-0076</p>

DRAWING STATUS: TENDER ISSUE

<p>DESIGNED : DJA May.12</p> <p>DRAWN : DWM May.12</p> <p>DESIGN CHECKED :</p> <p>DRAFTING CHECKED :</p> <p>CADFILE : \\870982.1015-20.dwg</p> <p>APPROVED :</p> <p>NOT FOR CONSTRUCTION</p> <p>This drawing is not to be used for construction purposes unless signed as approved</p>		<p>NOTES :</p> <ol style="list-style-type: none"> All dimensions are in millimetres unless noted otherwise. Coordinates are in terms of: Nelson 2000 Circuit (NZGD 2000 Datum). Levels are to NCC Datum. LiDAR contours and aerial photos supplied by: Nelson City Council. Property boundaries, services location and culvert location supplied by: Davis Ogilvie & Partners Ltd. 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. <p>REFERENCE :</p>		<p>Tonkin & Taylor Environmental and Engineering Consultants</p> <p>43 Halifax St, Nelson Tel. (03) 546 6339 Fax. (03) 546 7619 www.tonkin.co.nz</p>		<p>CLIENT, PROJECT</p> <p>NELSON CITY COUNCIL CABLE BAY ROAD REMEDIATION</p> <p>TITLE</p> <p>RETAINING WALL DESIGN - SITE 15 Section and Elevation</p> <p>SCALES (AT A1 SIZE) AS SHOWN</p> <p>DWG. No. 870982.1015-20</p> <p>REV. A</p>	
<p>REVISION DESCRIPTION</p>	<p>BY</p>	<p>DATE</p>	<p>1 Consultation Issue MPD Nov.12</p>	<p>1 Consultation Issue MPD Nov.12</p>	<p>1 Consultation Issue MPD Nov.12</p>	<p>1 Consultation Issue MPD Nov.12</p>	