



Installation of Services for Snowmaking, base of Interceptor Quad Chair, North Perisher

Statement of Environmental Effects

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Perisher Blue Pty Ltd

FINAL

March 2022

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1 INTRODUCTION

1.1 Project Background

This report presents a statement of environmental effects (SEE) for a proposal by Perisher Blue Pty Limited (Perisher) for trenching and associated works to enable snowmaking at the base of Interceptor Chairlift and at a location nearby, along the Perisher Creek Road (see, *Appendix A – Project Maps*). Proposed works include the provision of water, communications and power for a mobile pump sled and hydrants near the base of the lift, and a pre-fabricated concrete pit with hydrants and power about 70 meters to the south of the Interceptor Chairlift base station.

The Interceptor Chairlift provides skiing to the North Perisher Precinct and access to Blue Cow ski area. Skiing to this chairlift involves crossing the Perisher Creek Road, which is an oversnow road for tracked vehicles during winter.

Currently, there is no snowmaking in the North Perisher precinct. Subsequently, when snow levels are low, snow must be pushed long distances to maintain snow on the road and access to the lift, requiring many hours of grooming machinery operation and associated fuel consumption.

The proposed works would allow two portable fan guns to be connected to hydrants for snowmaking adjacent to Perisher Creek Road, as shown in *Appendix A, Figure 2*. This will assist in creating and maintaining the ski slope and queue race of Interceptor Chairlift, as well as widening and maintaining the oversnow route.

The area selected for the proposal is either within the Perisher Creek Road alignment or in previously disturbed areas of exotic vegetation.

1.2 Objectives of the Project

The objective of the proposal is to improve the efficiency of grooming and maintenance in this area by providing localised snowmaking adjacent to Perisher Creek Road and the Interceptor Chair base station. It aims to improve the safety of ski slopes and oversnow routes by providing reliable snow cover and reduce early season skier congestion by creating reliable access to the North Perisher Precinct.

2 PROJECT DESCRIPTION

2.1 Project Overview

Broadly, this proposal involves the following:

- Site preparation and installation of environmental controls.
- A trench to provide services to the Interceptor Chairlift base station and to a site approximately 70m south along Perisher Creek Road.
- Snowmaking infrastructure (water hydrants, power, communications) installed at the base of the Interceptor Chair base station and at the site along Perisher Creek Road (including concrete pit)
- Site stabilisation and rehabilitation, as required.

The location and photos of the site are shown in *Appendix A- Project Maps*, and *Appendix B- Project Photos*.

2.2 Project Detail

2.2.1 Site Access

Access to the works area will be via the formed Perisher Creek Road and Interceptor base station access track (see *Appendix A- Project Maps, Figure 2* and *Appendix B - Project Photos*).

2.2.2 Services Trench

The services trench includes a 900mm deep x 450mm wide trench from the Interceptor Chairlift base station to approximately 70m south along Perisher Creek Road. Within this trench, pipes will join with the existing water main which runs adjacent to Perisher Creek Road, to supply water to both new hydrants. Conduits for power and communications (fibre optic) will also be laid in the trench, from existing services at the Interceptor base station to the mobile fan guns hydrant location, around 70m south of the Interceptor Chairlift.

The services trench crosses a previously disturbed area and runs within the Perisher Creek Road corridor.

2.2.3 Snowmaking Infrastructure

At the base of the Interceptor Chairlift, one water supply hydrant and one water discharge hydrants will be installed, and a power outlet attached to the wall (see Appendix B – site photos).

At the second hydrant site along Perisher Creek Road, a 900 mm x 900 mm prefabricated concrete pit will be installed adjacent to the road corridor, featuring two water hydrants and pole-mounted power outlets (see Appendix B). Distancing the fan guns from the base station will prevent snow accumulation on the lift infrastructure. The ground below the pit will be levelled, and the pit raised to the height of the road. Two steel traffic bollards will be attached to the pit to protect the hydrant from machinery.

Two mobile snow guns will be placed at the pit location in winter to allow for snowmaking. Water from the existing snowmaking water supply line will be fed into the mobile pump via the water supply hydrant. The water will then be pressurised through the pump and discharged via the new 100mm line to the two discharge hydrants (see, Appendix B).

2.2.4 Equipment & Machinery

Trenching will be conducted using a 12-tonne excavator. Other vehicles will be limited to existing roads and access tracks.

The concrete pit will be positioned using the excavator. Rock blasting is not expected, given the trench is predominantly following the original disturbed roadway alignment.

2.2.5 Works Program

Trenching works are expected to be carried out over 15 working days, with works carried out during the summer season.

Site stabilisation and rehabilitation will extend beyond this period, as required.

3 ENVIRONMENTAL ASSESSMENT

3.1 General site suitability and constraints

North Perisher is a highly utilised area, providing skiing to the North Perisher Precinct and access to Blue Cow ski area. The lack of snowmaking infrastructure in the area means that when snow levels are low, snow must be pushed long distances to maintain snow on the road and access to the lift, requiring many hours of grooming machinery operation and associated fuel consumption.

The site currently features access roads, lifting infrastructure and other built structures. Biodiversity impacts are addressed in Section 3.2, and the project's proximity to Perisher Creek is addressed in Section 3.3.

3.2 Ecological Impacts

As shown on *Appendix A- Figure 2*, part of the project area is located just within an area identified as having high biodiversity value on the Biodiversity Values Map (*Biodiversity Conservation Act, 2016*).

The area subject to proposed disturbance, however, is highly disturbed and dominated by exotic grasses. An assessment against the triggers for the Biodiversity Offset Scheme (BOS) under the Biodiversity Conservation Act has been carried out below.

BOS Trigger	Assessment
<i>1: Is the area cleared exceeding the clearing threshold?</i>	No, the clearing threshold is not being exceeded
<i>2: Is the proposed development on land included on the Biodiversity Values (BV) Map as defined in the Biodiversity Conservation Regulation 2017?</i>	Yes, part of the works are within a BV mapped area, however given there is to be no clearing of native vegetation or prescribed impacts (see below), the BOS is not triggered from this work.
<i>3: Is there a significant effect on threatened species or their habitats determined by the test of significance?</i>	No, minimal impact on exotic grass species only with no evidence of threatened species present on site.
Prescribed Impacts:	
<i>(a) the impacts of development on the following habitat of threatened species or ecological communities— (i) karst, caves, crevices, cliffs and other geological features of significance, (ii) rocks, (iii) human made structures, (iv) non-native vegetation</i>	No impacts on listed habitat types within Biodiversity Mapping except minimal impact to non-native vegetation (3m x 3m), however no evidence of threatened species in this habitat type.
<i>(b) the impacts of development on the connectivity of different areas of habitat of threatened species that facilitates the movement of those species across their range,</i>	<i>No impacts to connectivity of habitat</i>
<i>(c) the impacts of development on movement of threatened species that</i>	<i>No impacts to movement of threatened species</i>

<i>maintains their lifecycle,</i>	
<i>(d) the impacts of development on water quality, water bodies and hydrological processes that sustain threatened species and threatened ecological communities</i>	<i>The project is outside of Riparian mapped areas and is approximately 90 m from Perisher Creek. Construction will be managed such that impacts to water quality are avoided, see Appendix C - SEMRP. No impacts to hydrological processes.</i>
<i>(e) the impacts of wind turbine strikes on protected animals</i>	<i>N/A</i>
<i>(f) the impacts of vehicle strikes on threatened species of animals or on animals that are part of a threatened ecological community</i>	<i>Minimal additional short-term vehicle movements associated with the proposal, on existing access tracks</i>
Conclusion: Given the responses to the triggers outlined above, this proposed development does not trigger the BOS under the BC Act or require a BDAR	

Methods to minimise impacts on surrounding vegetation are outlined in Appendix C – Site Environmental Management & Rehabilitation Plan.

3.3 General impacts on aquatic ecosystems

The proposed works are outside of any mapped Riparian areas and are over 80m from Perisher Creek.

Methods to minimise impacts on water quality are outlined in Appendix C – Site Environmental Management & Rehabilitation Plan.

3.4 Aboriginal cultural heritage

As shown on *Appendix A - Figure 2*, the project area is outside of any areas identified as having potential archaeological significance.

An assessment of potential archaeological impacts has been included in *Appendix D - Archaeological Due Diligence*. In summary, as all works are to occur in previously disturbed areas, an AHIP application is not necessary for the proposed works. Proceed with caution. If any Aboriginal objects are found, stop work and notify DPIE. If human remains are found, stop work, secure the site and notify the NSW Police and DPIE.

3.5 European cultural heritage

The proposed works will have no impact on European cultural heritage.

3.6 Geotechnical Considerations

A geotechnical assessment has been undertaken by 'J&K Geotechnical' and will be provided separately to the DA.

3.7 Soil impacts

Erosion impacts will be managed with appropriate controls, as outlined in Appendix C - Site Environmental Management & Rehabilitation Plan.

3.8 Visual impacts and aesthetics

The proposed works will have only minor visual impacts for people utilising the oversnow route. The snowmaking infrastructure will be in keeping with existing lifts and built structures in the area.

3.9 Social and economic impacts

Positive social impacts will result from the proposed works due to providing consistent snowcover for skiers and oversnow traffic in the area.

3.10 Effects on ski resort operation

The proposed works will have positive impacts on ski resort operation, as they will result in the ongoing safe and consistent operation of North Perisher ski area.

Works are to be carried out during the non-operational summer season.

3.11 Noise and vibration

Some noise will result from the excavation of the trenches and placement of the infrastructure, however this will be short-term, temporary and only during standard day work hours.

The operation of mobile fan guns in this area will generate additional noise during winter, however as the distance to the nearest lodge is 120m to the south, these impacts are considered negligible.

3.12 Waste management

Minimal construction waste from piping, conduit and concrete works will be disposed of in the appropriate manner. All waste will be removed from site regularly.

There will be no ongoing waste management impacts resulting from the proposal.

3.13 Energy use and conservation

Additional snowmaking will result in an incremental increase in electricity usage, however a reduction in diesel consumption is expected given the improved snow cover in the area.

3.14 Construction impacts & Engineering

Construction impacts including erosion, noise, air and waste are addressed in previous sections and Appendix C - Site Environmental Management & Rehabilitation Plan. Engineering detail is provided in Appendix E.

4 STATUTORY ASSESSMENT REQUIREMENTS

4.1 State Environmental Planning Policy (Kosciuszko National Park – Alpine Resorts) 2007

Clauses 14 -16 of the State Environmental Planning Policy (Kosciuszko National Park – Alpine Resorts) 2007 list the factors which need to be considered by the consent authority when determining a development application. As the proposed works do not involve the erection of a building or a subdivision, the factors included in Clauses 15 and 16 are not considered relevant for these works and are therefore not included in this assessment.

The proposal is consistent with the aims and objectives of the Policy, as outlines in Clause 2 and Clause 14 of the SEPP. The consistency is described throughout this SEE and summarised in the table below.

Table 4.1- Factors which must be considered by the consent authority when determining a development application under that State Environmental Planning Policy (Kosciuszko National Park- Alpine Reports) 2007.

Clause 2- Aim and objectives of Policy	Impacts/Comments
(1) The aim of this Policy is to protect and enhance the natural environment of the alpine resorts, in the context of Kosciuszko National Park, by ensuring that development in those resorts is managed in a way that has regard to the principles of ecologically sustainable development (including the conservation and restoration of ecological processes, natural systems and biodiversity).	The proposed works are taking place within the Resort boundary, in previously disturbed areas. The works are minor in scale and will not result in significant impacts on natural systems and biodiversity.
(2) The objectives of this Policy are as follows: (a) to encourage the carrying out of a range of development in the alpine resorts (including the provision of services, facilities and infrastructure, and economic and recreational activities) that do not result in adverse environmental, social or economic impacts on the natural or cultural environment of land to which this Policy applies, (b) to put in place planning controls that contribute to and facilitate the carrying out of ski resort development in Kosciuszko National Park that is ecologically sustainable in recognition of the fact that this development is of State and regional significance, (c) to minimise the risk to the community of exposure to environmental hazards, particularly geotechnical hazards, bush fire and flooding, by generally requiring development consent on land to which this Policy applies.	a) the proposed development will have minimal adverse environmental impacts and will provide positive social and economic impacts through improved safety and operations. b) Perisher encourages open discussion and transparency in order to ensure effective controls are in place to achieve ecologically sustainable development c) All environmental risks are adequately assessed under the approval process for this project.
Clause 14- Matters to be considered by	Impacts/ Comments

consent authority	
(a) the aim and objectives of this Policy, as set out in clause 2,	
(b) the extent to which the development will achieve an appropriate balance between the conservation of the natural environment and any measures to mitigate environmental hazards (including geotechnical hazards, bush fires and flooding),	No impacts on the risk of environmental hazards are associated with these works and all risks will be effectively managed to achieve an appropriate balance between conservation and development
(c) having regard to the nature and scale of the development proposed, the impacts of the development (including the cumulative impacts of development) on the following:	
(i) the capacity of existing transport to cater for peak days and the suitability of access to the alpine resorts to accommodate the development,	Will be improved by improving access to the North Perisher precinct and reducing skier congestion in other areas of the resort
(ii) the capacity of the reticulated effluent management system of the land to which this Policy applies to cater for peak loads generated by the development,	No impact
(iii) the capacity of existing waste disposal facilities or transfer facilities to cater for peak loads generated by the development,	No impact
(iv) the capacity of any existing water supply to cater for peak loads generated by the development,	No impact
(d) any statement of environmental effects required to accompany the development application for the development,	This document
(e) if the consent authority is of the opinion that the development would significantly alter the character of the alpine resort—an analysis of the existing character of the site and immediate surroundings to assist in understanding how the development will relate to the alpine resort,	The proposed works will not significantly alter the character of the resort.
(f) the <i>Geotechnical Policy—Kosciuszko Alpine Resorts</i> (2003, Department of Infrastructure, Planning and Natural Resources) and any measures proposed to address any geotechnical issues arising in relation to the development,	A geotechnical assessment has been prepared for the proposed works and will be submitted separate to this DA.
(g) if earthworks or excavation works are proposed—any sedimentation and erosion control measures proposed to mitigate any adverse impacts associated with those works,	Sedimentation and Erosion control measures are outlined in Appendix C - Site Environmental Management & Rehabilitation Plan.
(h) if stormwater drainage works are proposed—any measures proposed to mitigate any adverse impacts associated with those works,	No stormwater drainage works are proposed.
(i) any visual impact of the proposed development, particularly when viewed from the	There will only minor visual impacts for people utilising the oversnow route. Views from the Main

Main Range,	Range will not be impacted.
(j) the extent to which the development may be connected with a significant increase in activities, outside of the ski season, in the alpine resort in which the development is proposed to be carried out,	There are no connections to activities outside of the ski season
(k) if the development involves the installation of ski lifting facilities and a development control plan does not apply to the alpine resort:	The development does not involve the installation of ski lifting facilities

4.2 NSW Water Management Act 2000.

The project site is approximately 90m from the closest waterway, Perisher Creek, therefore is outside of any mapped Riparian zones and not requiring a controlled activity approval from the Department of Planning, Industry and Environment NSW *Water Management Act* 2000.

4.3 Environmental Planning and Assessment Act 1979

Section 4.15 (1) of the *Environmental Planning and Assessment Act* lists the matters which must be taken into consideration by the consent authority when determining a development application. *Table 4.2* lists these matters and provides a summary assessment of each of these matters including, where appropriate, a cross reference to the relevant sections in this report.

Table 4.2 - Environmental Planning and Assessment Act checklist

Matter	Impacts / comments
(a) the provisions of any environmental planning instrument (including drafts), development control plans, planning agreements and the regulations	See Section 4
(b) the likely impacts of the development, including environmental impacts on both the natural and built environments, and social and economic impacts in the locality	See Section 3
(c) the suitability of the site for the development	See Section 3
(d) any submissions made in accordance with this Act or the regulations	N/A
(e) the public interest	The assessment addresses the aims and objectives of the SEPP (Kosciuszko National Park - Alpine Resorts) 2007 and therefore is deemed to be in the public interest.

4.4 Biodiversity Conservation Act 2016

As outlined in Section 3.2, the Biodiversity Offset Scheme does not apply to this proposal. No impacts to threatened species are expected from this proposal.

4.5 Environment Protection and Biodiversity Conservation Act 1999

The factors which need to be considered under the Commonwealth *Environment Protection and Biodiversity Conservation Act (EPBC Act)* are listed in *Table 4.3* together with an assessment of each of these factors. None of these factors are considered to result in impacts which would be considered significant under the guidelines applying to the *EPBC Act*.

Table 4.3 – Environment Protection and Biodiversity Conservation Act checklist

Factor	Impacts / comments
Matters of National Environmental Significance	
Any environmental impact on a World Heritage Property?	No impact
Any environmental impact on a National Heritage Place?	No impact on the Australian Alps National Heritage Place.
Any environmental impact on wetlands of international importance?	No impact
Any environmental impact on Commonwealth listed species or ecological communities?	No impact
Any environmental impact on Commonwealth listed migratory species?	No impact
Does any part of the proposal involve a nuclear action?	No nuclear action
Any environmental impact on a Commonwealth Marine Area?	No impact
Impact on great Barrier Reef Marine Park?	No impact
Impact on Commonwealth land?	No impact
Impact on the environment, from action taken by the Commonwealth?	No impact
Commonwealth heritage places outside of Australian jurisdiction?	No impact

5 CONCLUSION

The proposed trenching and associated works for snowmaking at the base of The Interceptor Chairlift will ensure the reliable and safe operation of the highly utilised North Perisher ski area and nearby oversnow routes.

The proposed location is previously disturbed, and to minimise impacts on the environment, access routes and vehicle movements have been carefully considered, hence works would have minimal impact on native vegetation.

An ecological assessment shows no impact to threatened species from this project. An archaeological assessment shows the project can proceed with caution.

Appendix A - Project Maps

Figure 1: Location of Proposed Works

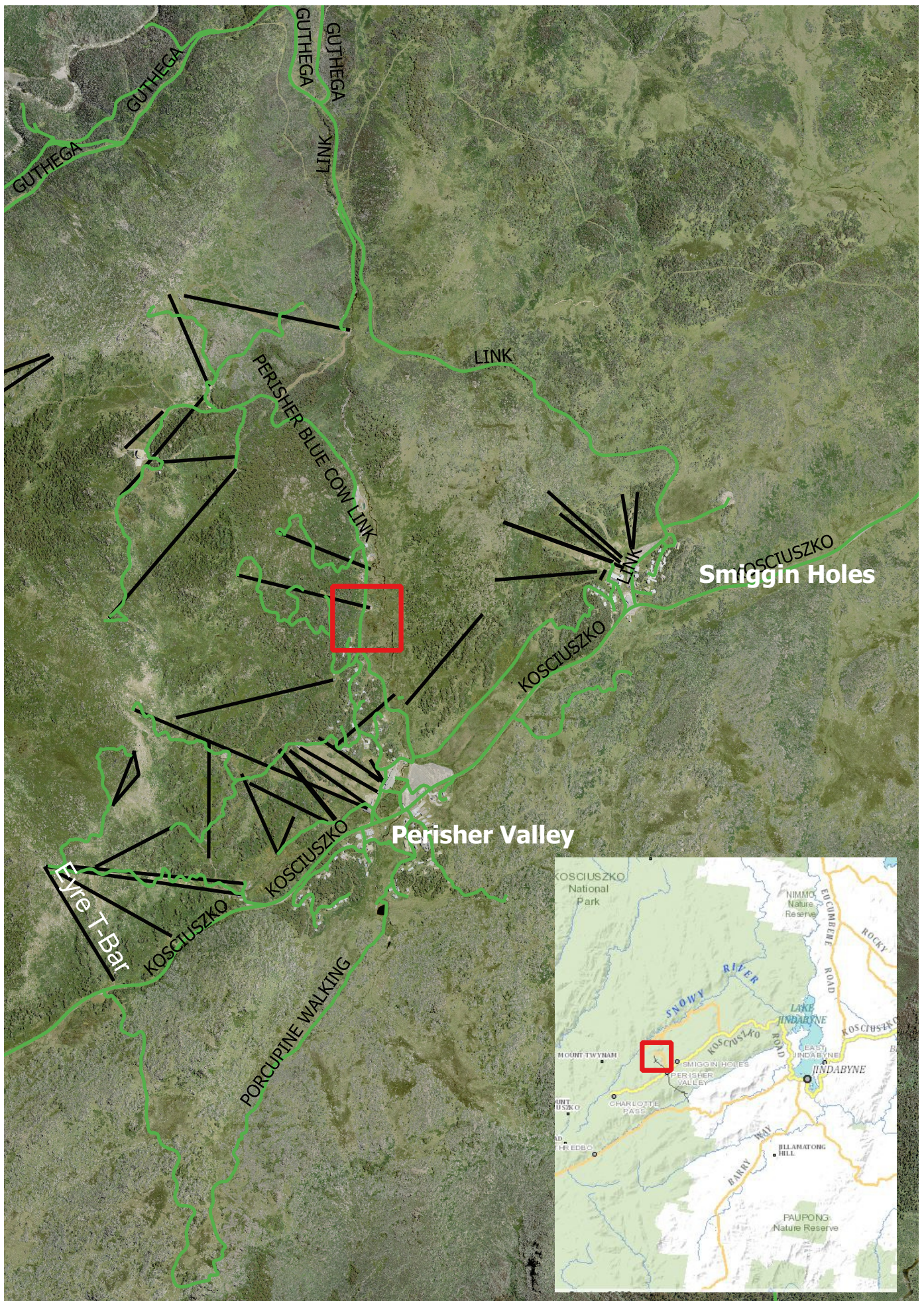
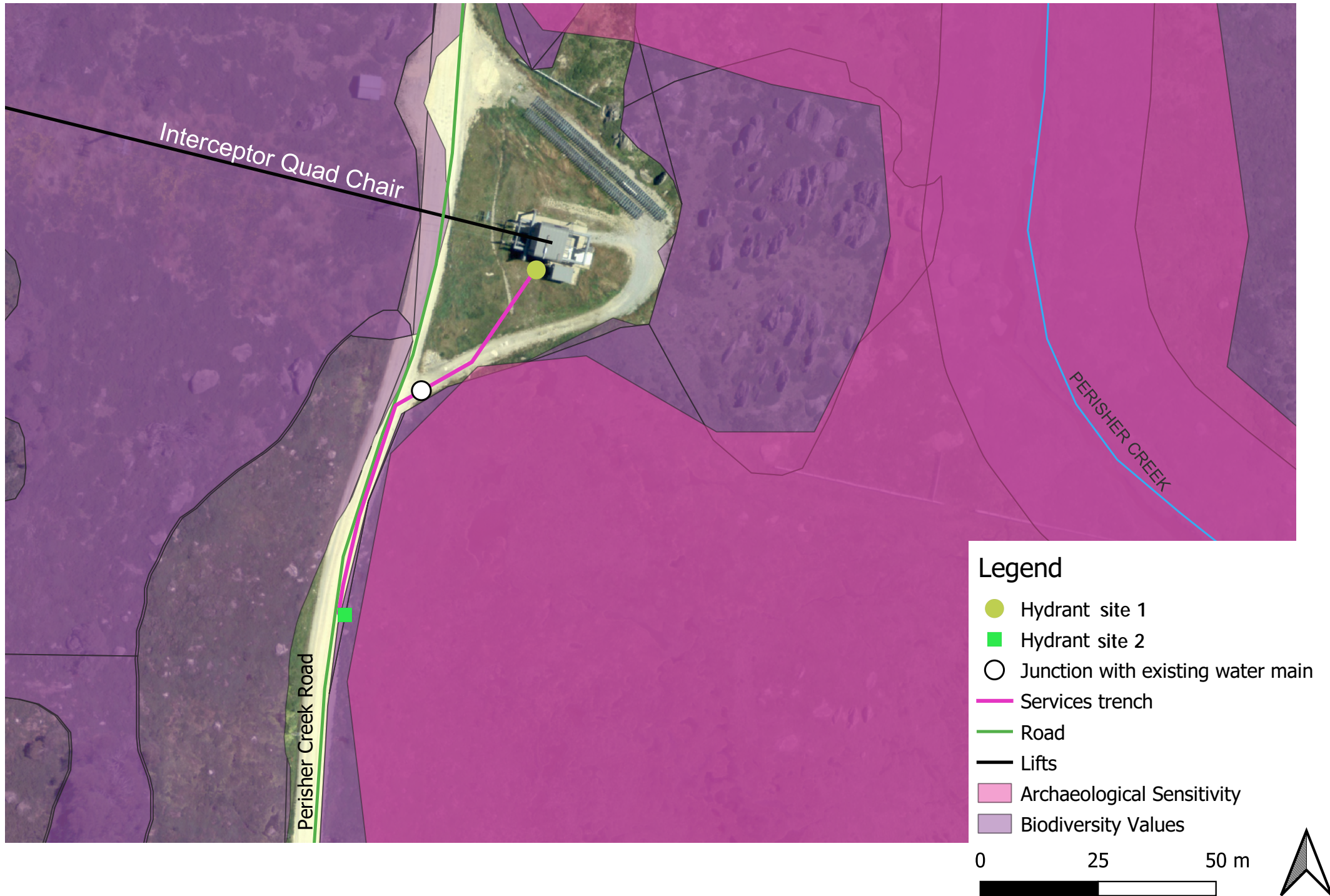


Figure 2: Location Map, Interceptor Base Snowmaking



Appendix B - Project Photos

Photos below reflect locations shown on Statement of Environmental Effects, Appendix A – Project Maps, Figure 2 - Location Map.



Image 1- Location of water hydrant and power outlet for mobile snow gun at the base of Interceptor Chairlift.



Image 2- Red line indicates approximate location of services trench

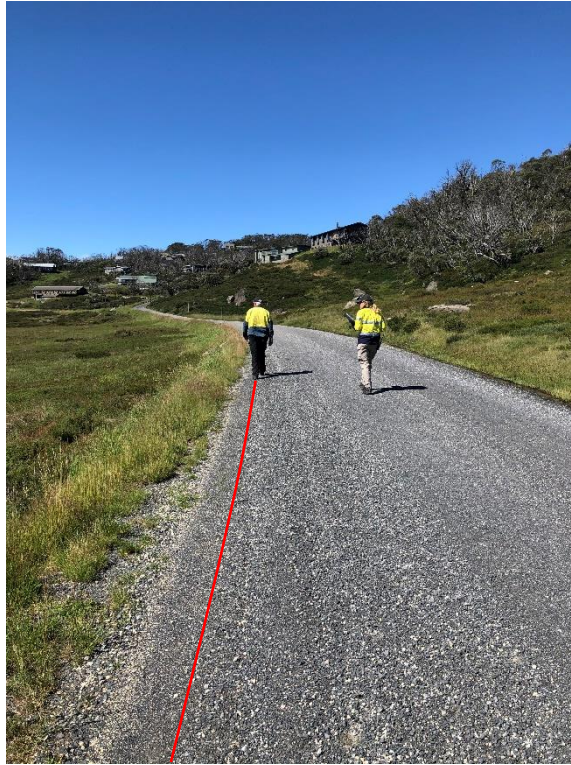


Image 3 - looking south along Perisher Creek Road. Red line indicates approximate location of trench for water, power and communications to hydrant 2.



Image 4 - Location of prefabricated concrete pit, with a water hydrant and power outlet for a mobile snow gun. Top of concrete pit will be level with the road.



Image 5 - Example of prefabricated concrete pit, with hydrant and power outlet.

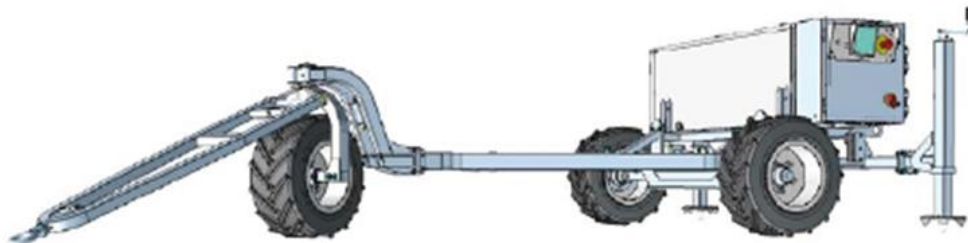


Image 6 - Example of Mobile Pump to be used for additional water pumping capacity.

APPENDIX C – Site Environmental Management & Rehabilitation Plan

PROJECT & EMERGENCY CONTACTS

Project Name	Installation of Services for Snowmaking, base of Interceptor Quad Chair, North Perisher
Perisher Project Manager	Andrew Kennedy – 02 6459 4402
Perisher Operations	Mountain Office - 02 6459 4408
Perisher Environmental Manager	Tanya Bishop – 02 6459 4504
Perisher HSE Officer	Beth Davies – 02 6459 4487
Emergency	000
DPIE	Pete Whiting – 02 6450 5543
EPA	131 555

ENVIRONMENTAL MANAGEMENT MEASURES

PRIOR TO CONSTRUCTION

Induction	<ul style="list-style-type: none"> All project staff to be made aware of disturbance footprint and environmental safeguards prior to works commencing
Access	<ul style="list-style-type: none"> Site works to be limited to dry periods, to minimise soil disturbance Fence off all approved construction areas (exc. Perisher Ck Rd corridor), including fencing surrounding new pit location Machinery from offsite to be cleaned prior to accessing site All access to site via the formed Perisher Creek Road or Interceptor base station track. No vehicles off formed access tracks.
Storage	<ul style="list-style-type: none"> All equipment to be stored in areas of exotic grass only. No storage of equipment or machinery on native vegetation.
Disturbance to Soil	<ul style="list-style-type: none"> Sedimentation and erosion controls to be installed in areas likely to experience soil loss into the surrounding environment.

DURING CONSTRUCTION

Disturbance to Soil	<ul style="list-style-type: none"> For erosion control, the combined use of straw bale filters and sediment fencing are to be used Use of straw bale filters in areas of sensitive vegetation, including surrounding new pit location Minimise time trenches are left open, stage trenching where possible Erosion and sedimentation controls shall be monitored & maintained daily and immediately following a rainfall event.
Flora & Fauna	<ul style="list-style-type: none"> No unapproved removal or disturbance of native vegetation Refuel away from areas of native vegetation

Perisher Blue Pty Ltd

Installation of Services for Snowmaking, Base of Interceptor Chairlift

Perisher Valley Resort Area

Site Environmental Management & Rehabilitation Plan v1.0 Feb 22

	<ul style="list-style-type: none"> No storage of material on native vegetation Any excavations left open overnight will be left such that any fauna are able to escape easily
Machinery / Fuel	<ul style="list-style-type: none"> Spill kits shall be readily accessible Spills of any liquids shall be controlled and cleaned up immediately No maintenance other than emergency repairs shall be undertaken on site.
Work Hours	<ul style="list-style-type: none"> Limit work to approved hours only (daylight)
Waste	<ul style="list-style-type: none"> All litter and waste to be contained and removed from site regularly
FOLLOWING CONSTRUCTION	
Stabilisation & revegetation	<ul style="list-style-type: none"> All disturbance to be stabilised immediately as works cease in an area Revegetation to be carried out as soon as practical following works Control weeds annually, or as required in the area
Disturbance to Soil	<ul style="list-style-type: none"> All erosion and sedimentation controls to be removed from site once ground has stabilised

REHABILITATION PLAN		
Project Area	Existing Environment	Rehabilitation Methods
Perisher Creek Road / Interceptor access track	Access Track / Road	- Reinstate to trafficable access track
Services trench from Base Station to Access Track	Exotic grass, previously disturbed	<ul style="list-style-type: none"> - Direct seed with mix of <i>Chewings fescue</i> and <i>Poa Fawcettiae</i> seed - Straw mulch - Assess the site for stability and the need for further active revegetation - Monitor & manage weed incursions annually, or as required
Snowmaking pit Location	Disturbed, exotic grass	<ul style="list-style-type: none"> - Leveling and pit placement only, no revegetation required - Assess need for stabilisation / rehabilitation - Monitor site stability and drainage - Monitor & manage weed incursions annually, or as required

APPENDIX D - Archaeological Due Diligence

Project Name: Interceptor Base Snowmaking

The due diligence assessment below is taken from the Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales, DECCW 2010. The assessment was undertaken by Beth Davies; Health, Safety and Environment Officer, February 2022.

1 Generic Due Diligence Process

1. Will the activity disturb the ground surface or any culturally modified trees?

Yes, trenching will occur in previously disturbed areas.

2. Are there any:

- a. relevant confirmed site records or other associated landscape feature information on AHIMS? and/or
- b. any other sources of information of which a person is already aware? and/or
- c. landscape features that are likely to indicate presence of Aboriginal objects?

Is the proposed development:

- Located within 200m of water? Yes, the project site is approximately 90m from the closest waterway
- Located within a sand dune system? No
- Located on a ridge top, ridge line or headland? No
- Located within 20m of a cave, rock shelter? No

And, is on land that is not disturbed land? **No, the site is previously disturbed.**

CONCLUSION - AHIP application not necessary. Proceed with caution. If any Aboriginal objects are found, stop work and notify DECCW. If human remains are found, stop work, secure the site and notify the NSW Police and DECCW.

Perisher

Date: 03 February 2022

Kosciuszko Road

Perisher New South Wales 2624

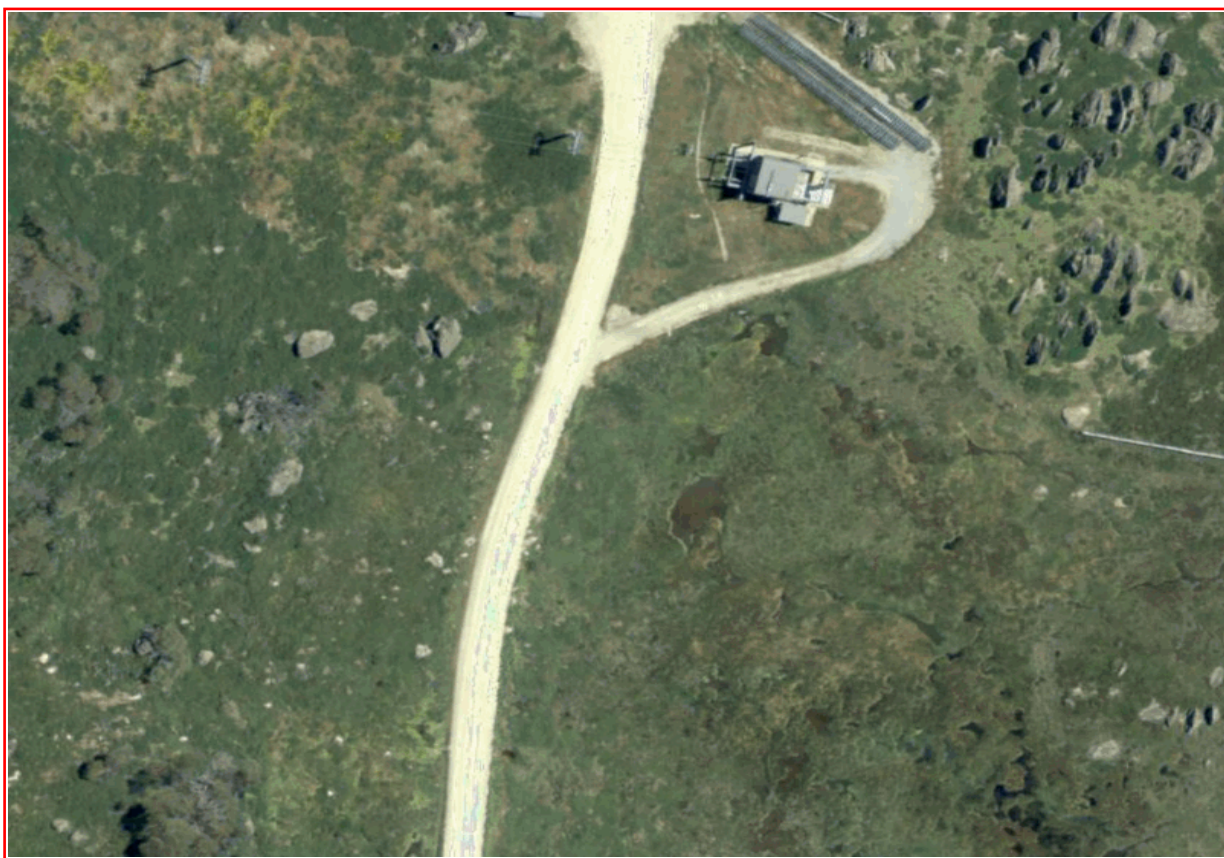
Attention: Beth Davies

Email: bethany.davies@vailresorts.com.au

Dear Sir or Madam:

AHIMS Web Service search for the following area at Lat, Long From : -36.4, 148.41 - Lat, Long To : -36.39, 148.41, conducted by Beth Davies on 03 February 2022.

The context area of your search is shown in the map below. Please note that the map does not accurately display the exact boundaries of the search as defined in the paragraph above. The map is to be used for general reference purposes only.



A search of Heritage NSW AHIMS Web Services (Aboriginal Heritage Information Management System) has shown that:

0	Aboriginal sites are recorded in or near the above location.
0	Aboriginal places have been declared in or near the above location. *

If your search shows Aboriginal sites or places what should you do?

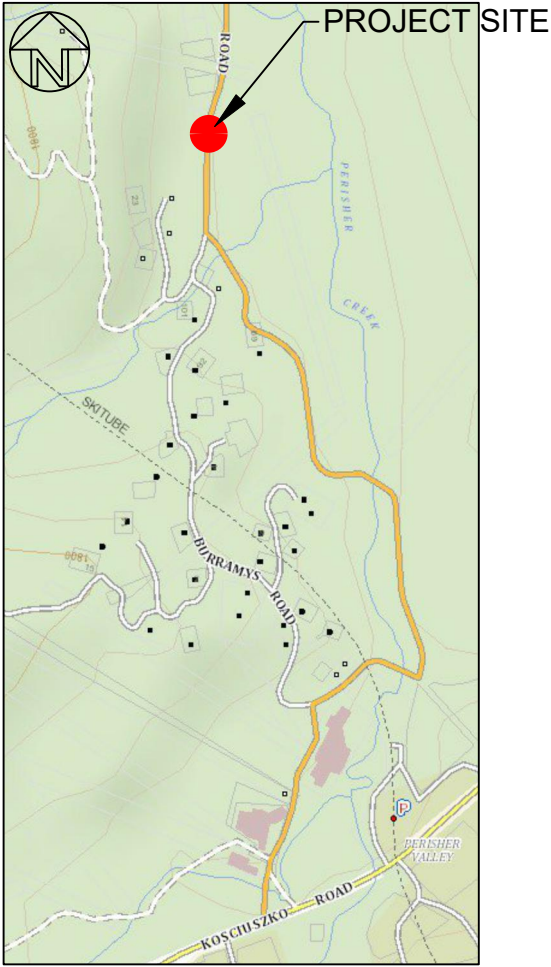
- You must do an extensive search if AHIMS has shown that there are Aboriginal sites or places recorded in the search area.
- If you are checking AHIMS as a part of your due diligence, refer to the next steps of the Due Diligence Code of practice.
- You can get further information about Aboriginal places by looking at the gazettal notice that declared it. Aboriginal places gazetted after 2001 are available on the [NSW Government Gazette \(https://www.legislation.nsw.gov.au/gazette\)](https://www.legislation.nsw.gov.au/gazette) website. Gazettal notices published prior to 2001 can be obtained from Heritage NSW upon request

Important information about your AHIMS search

- The information derived from the AHIMS search is only to be used for the purpose for which it was requested. It is not to be made available to the public.
- AHIMS records information about Aboriginal sites that have been provided to Heritage NSW and Aboriginal places that have been declared by the Minister;
- Information recorded on AHIMS may vary in its accuracy and may not be up to date. Location details are recorded as grid references and it is important to note that there may be errors or omissions in these recordings,
- Some parts of New South Wales have not been investigated in detail and there may be fewer records of Aboriginal sites in those areas. These areas may contain Aboriginal sites which are not recorded on AHIMS.
- Aboriginal objects are protected under the National Parks and Wildlife Act 1974 even if they are not recorded as a site on AHIMS.
- This search can form part of your due diligence and remains valid for 12 months.

Appendix E - Engineering Drawing

VAIL RESORTS (PERISHER)
INTERCEPTOR CHAIR BOTTOM STATION
SNOW MAKING EXTENSION
CLM CiViL Project No. U247



Locality Plan - Not to Scale

DRAWING LIST

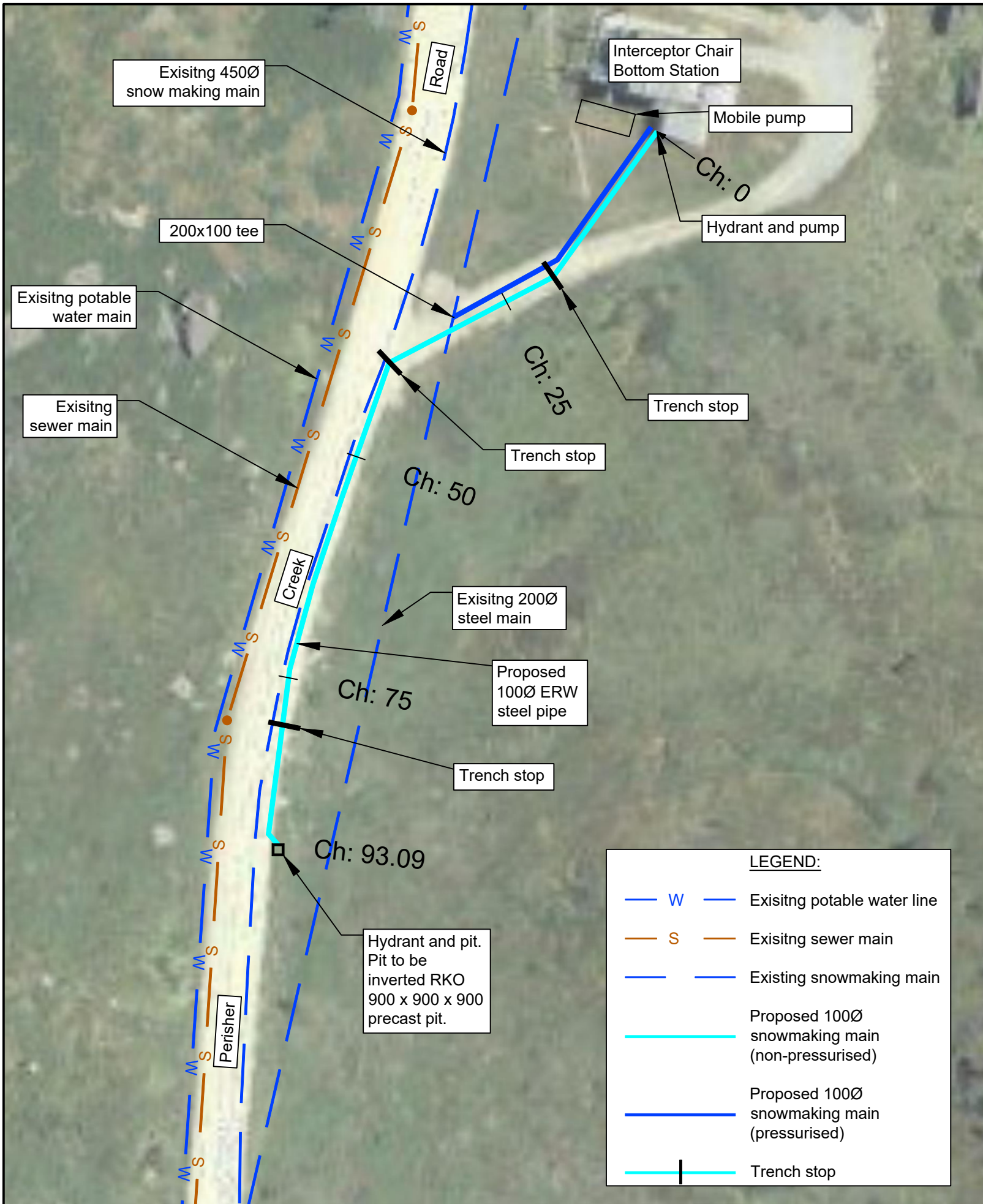
- U247 - 1 Cover Sheet, Drawing List, and Locality Plan
- U247 - 2 Plan View and Details
- U247 - 3 Longitudinal Sections

Rev	Date	Description	Client: Vail Resorts (Perisher)		
B	28/02/2022	Development Application	Development Application		
			Status		
			Cover Sheet, Drawing List and Locality Plan		
			Datum	Scale	Size
			MGA/AHD	AS SHOWN	A3
			Drawing Number	Sheet	Revision
			U247	1 of 3	B

Interceptor Chair Bottom Station
Snow Making Extension

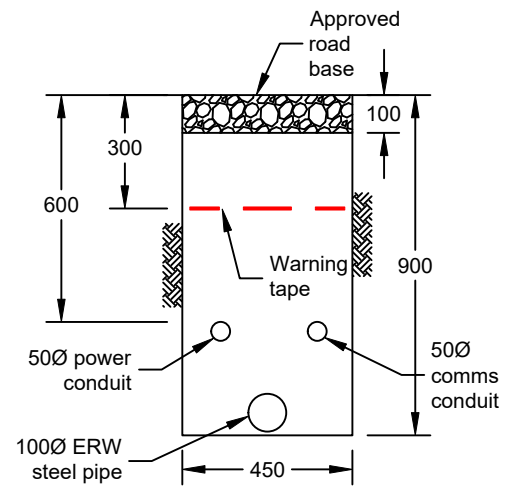


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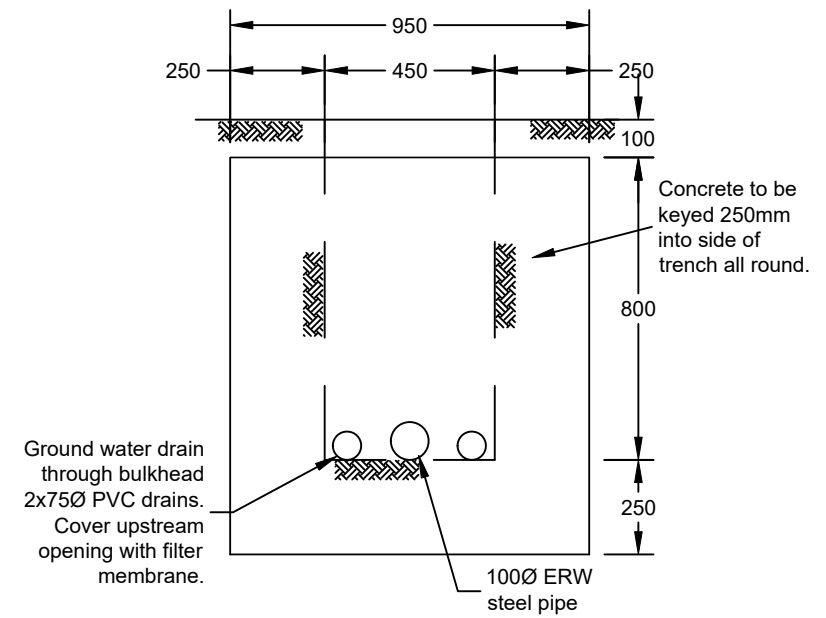


LEGEND:

- W Existing potable water line
- S Existing sewer main
- Existing snowmaking main
- Proposed 100Ø snowmaking main (non-pressurised)
- Proposed 100Ø snowmaking main (pressurised)
- Trench stop



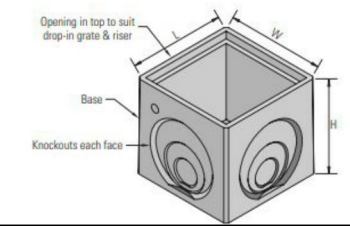
Trenching Details
NTS



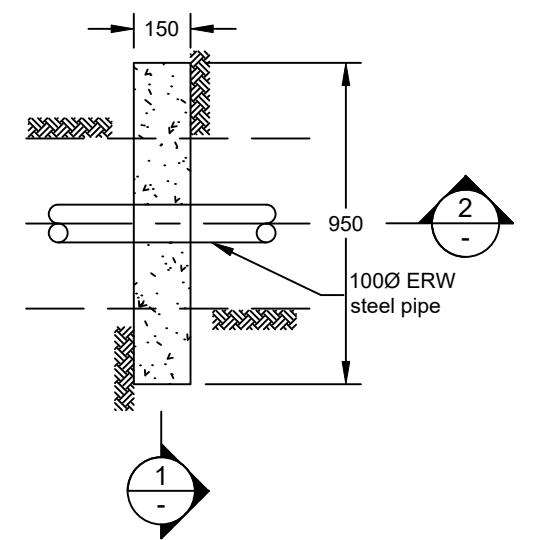
Section 1
NTS

Product Code	Pit Size (mm)	Height (mm)	Overall Length (L) (mm)	Overall Width (W) (mm)	Overall Height (H) (mm)	Max. Pipe (L) (mm)	Max. Pipe (W) (mm)
PKL040404SC	450 x 450	450	600	600	540	225	225
PKL060606DC	600 x 600	600	750	750	690	375	375
PKL060609DC	600 x 600	900	750	750	990	450	450
PKL090909DC	900 x 600	600	1080	780	700	375	375
PKL090909DC	900 x 600	900	1080	780	1000	600	450
PKL090909DC	900 x 900	600	1080	1080	700	375	375
PKL090909DC	900 x 900	900	1080	1080	1000	600	600

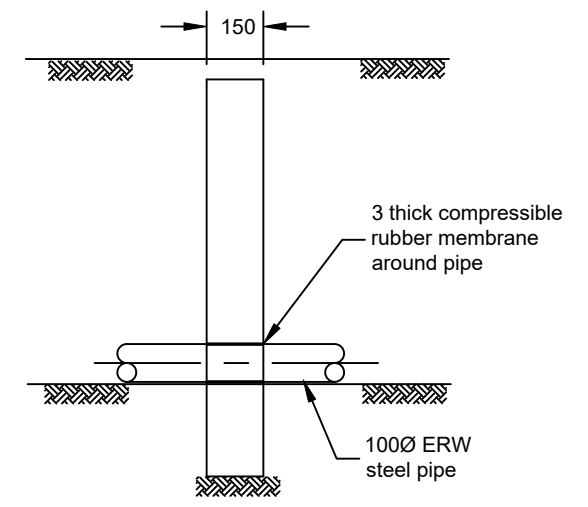
Note: Maximum pipe diameters refer to concrete pipes only. Larger diameter pipes of other materials may be used.



RKO Pit Details



Trench Stop Plan for 100Ø
Snowmaking Mains
NTS



Section 2
NTS



Typical Hydrant Arrangement

Rev	Date	Description
B	28/02/2022	Development Application

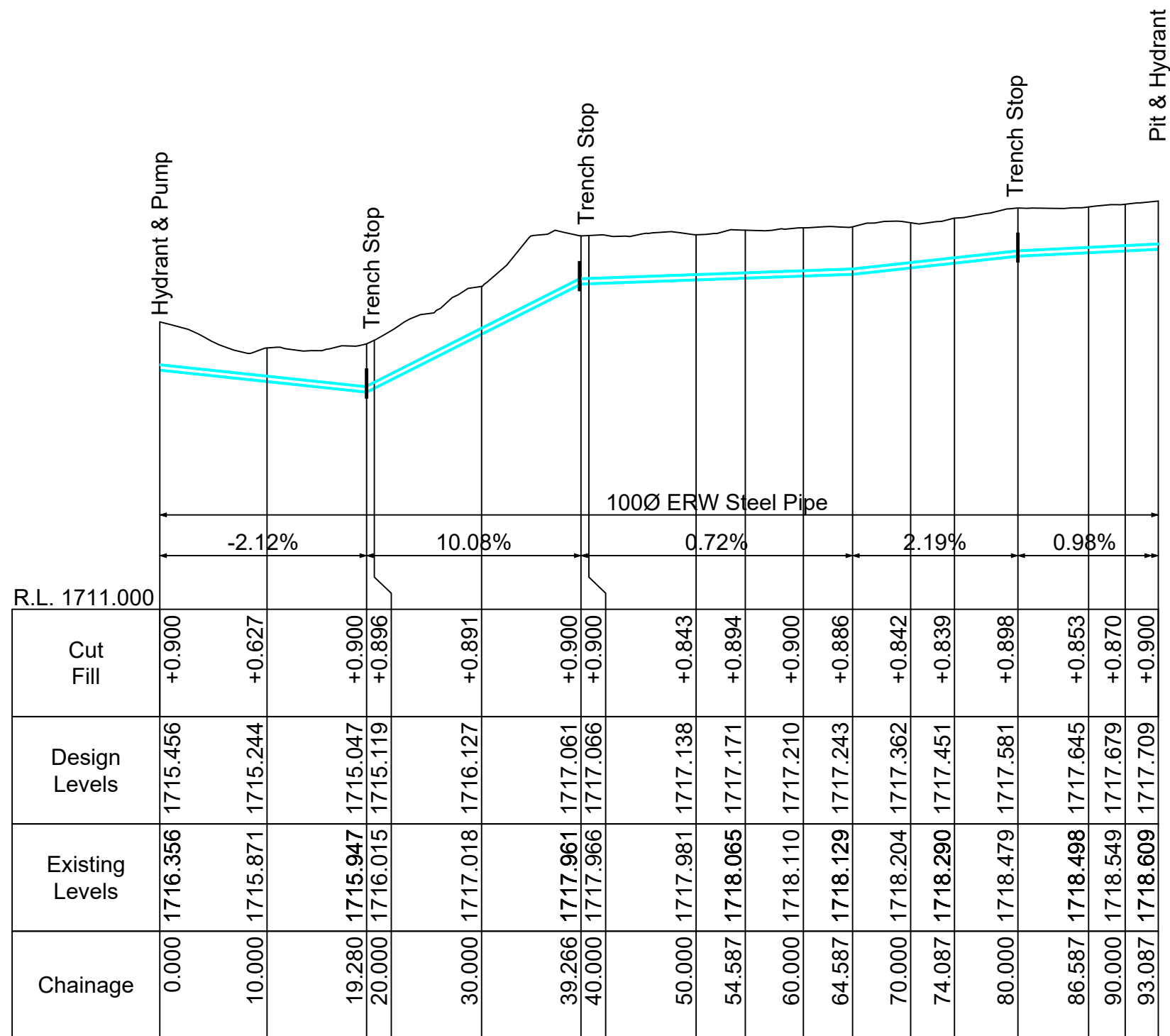
Interceptor Chair Bottom Station
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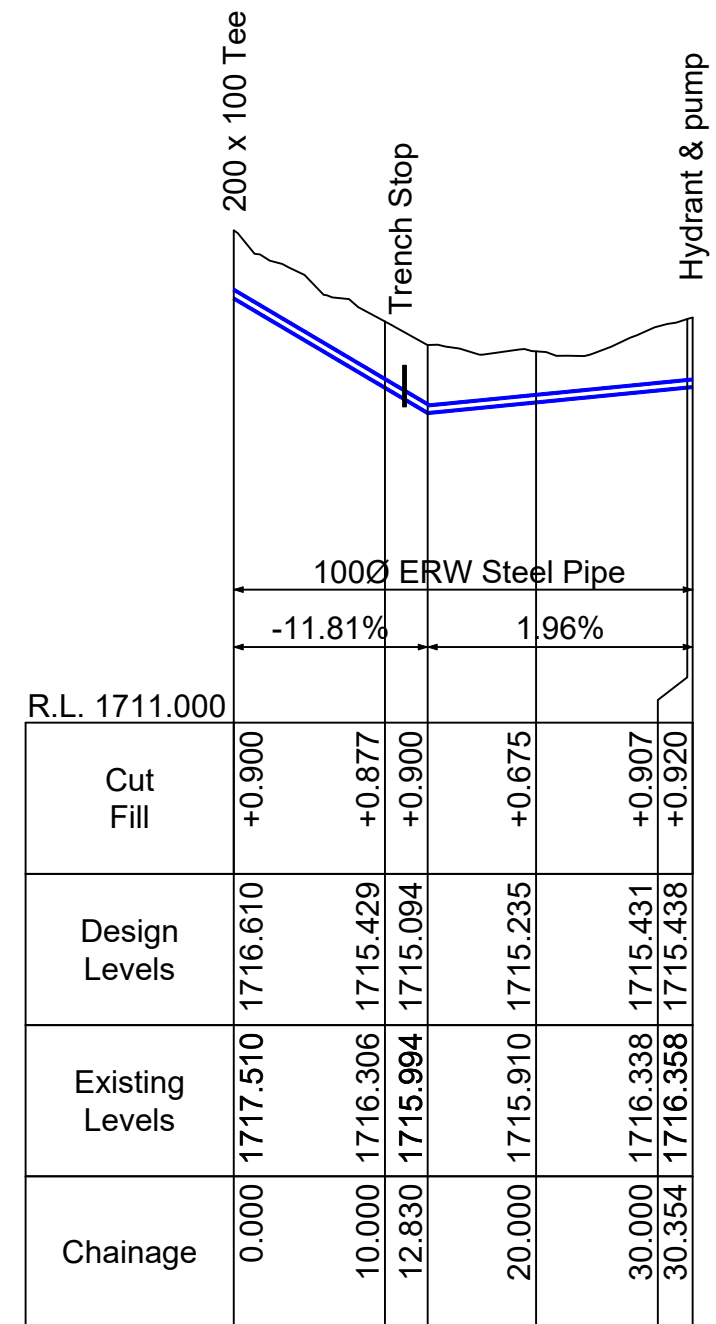
Client: Vail Resorts (Perisher)

Plan View and Details

Status: Development Application	
Datum: MGA/AHD	Scale: Plan 1:500
Drawing Number: U247	Sheet: 2 of 3
Revision: B	



LONGITUDINAL SECTION - PRESSURISED LINE FROM PUMP TO HYDRANTS 1 AND 2



LONGITUDINAL SECTION NON-PRESSURISED LINE FROM EXISTING MAIN TO PUMP

Rev	Date	Description
B	28/02/2022	Development Application

Interceptor Chair Bottom Station
Snow Making Extension



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Client: Vail Resorts (Perisher)		Status: Development Application	
Longitudinal Sections		Datum: MGA/AHD	Scale: 1:500H, 1:100V
Drawing Number: U247		Sheet: 3 of 3	Revision: B