

# Independant Pricing & Regulatory Tribunal of NSW

# Review of Perisher Range Resort Capital and Operating Cost INFRASTRUCTURE REVIEW

E A R T H      T E C H

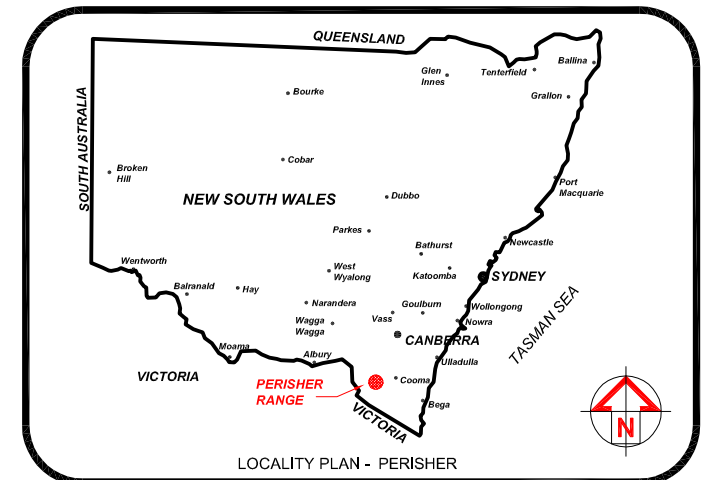
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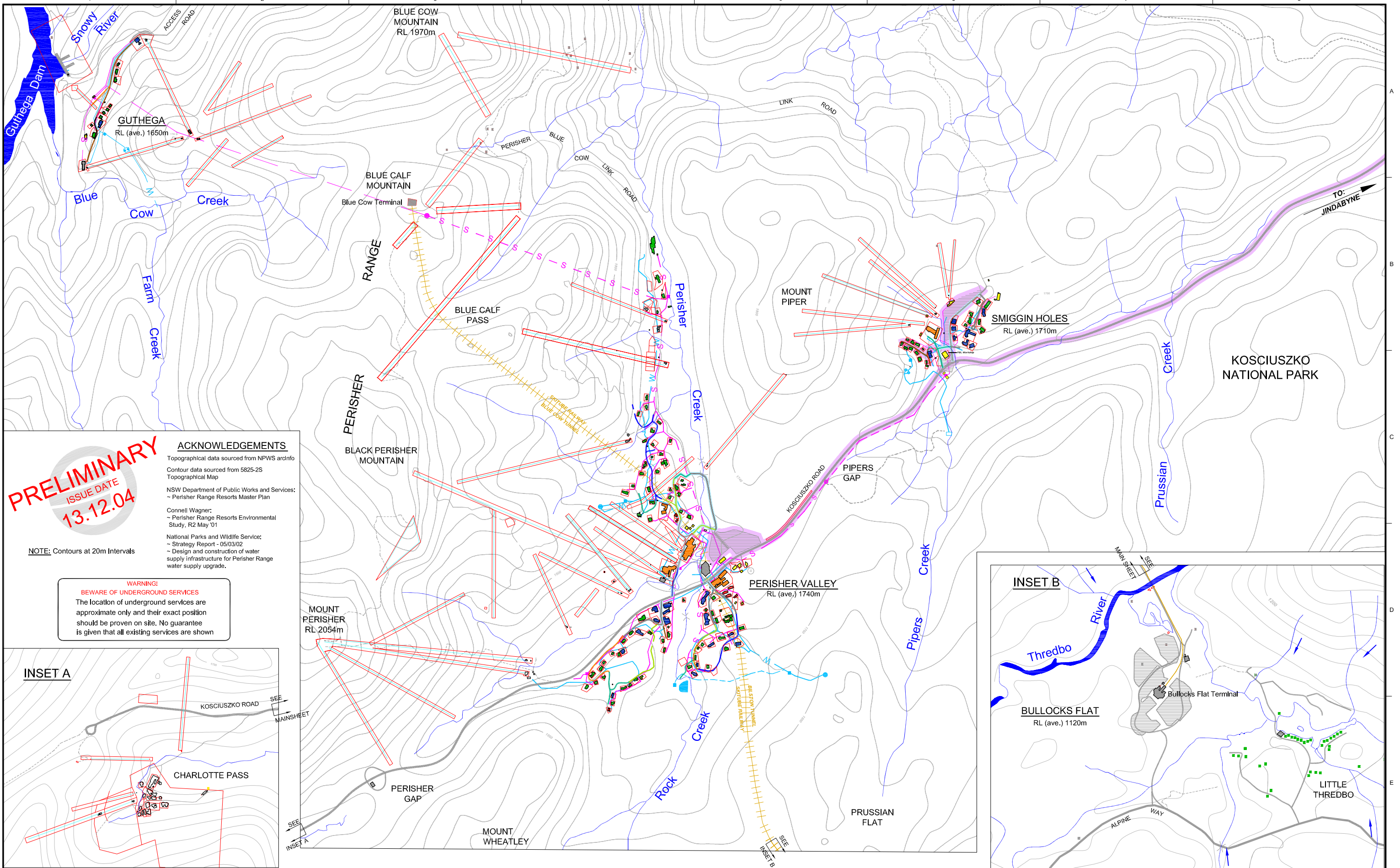
**PRELIMINARY**  
ISSUE DATE  
13.12.04

2004342-20	A	SLOPES SUBMISSIONS TO IPART	LAYOUT PLAN
2004342-19	A	PERISHER VALLEY ROADS DEVELOPMENT	LAYOUT PLAN
2004342-18	A	OVERALL RESORT ROAD DEVELOPMENT	LAYOUT PLAN

DWG. No.	REV	TITLE	INFORMATION
<b>PROPOSED DEVELOPMENT</b>			
2004342-17	A	BULLOCKS FLAT LAYOUT	LAYOUT PLAN
2004342-16	A	GUTHEGA SITE / PRECINCT LAYOUT	LAYOUT PLAN
2004342-15	A	GUTHEGA WATER INFRASTRUCTURE	LAYOUT PLAN
2004342-14	A	GUTHEGA SEWER INFRASTRUCTURE	LAYOUT PLAN
2004342-13	A	GUTHEGA ROADS INFRASTRUCTURE	LAYOUT PLAN
2004342-12	A	GUTHEGA OVERALL LAYOUT	LAYOUT PLAN
2004342-11	A	SMIGGIN HOLES SITE / PRECINCT LAYOUT	LAYOUT PLAN
2004342-10	A	SMIGGIN HOLES WATER INFRASTRUCTURE	LAYOUT PLAN
2004342-09	A	SMIGGIN HOLES SEWER INFRASTRUCTURE	LAYOUT PLAN
2004342-08	A	SMIGGIN HOLES ROADS INFRASTRUCTURE	LAYOUT PLAN
2004342-07	A	SMIGGIN HOLES OVERALL LAYOUT	LAYOUT PLAN
2004342-06	A	PERISHER VALLEY SITE / PRECINCT LAYOUT	LAYOUT PLAN
2004342-05	A	PERISHER VALLEY WATER INFRASTRUCTURE	LAYOUT PLAN
2004342-04	A	PERISHER VALLEY SEWER INFRASTRUCTURE	LAYOUT PLAN
2004342-03	A	PERISHER VALLEY ROADS INFRASTRUCTURE	LAYOUT PLAN
2004342-02	A	PERISHER VALLEY OVERALL LAYOUT	LAYOUT PLAN
2004342-01	A	OVERALL RESORT LAYOUT	LAYOUT PLAN
2004342-00	-	COVER	PROJECT & DWG LIST

DWG. No.	REV	TITLE	INFORMATION
<b>EXISTING CONDITIONS</b>			



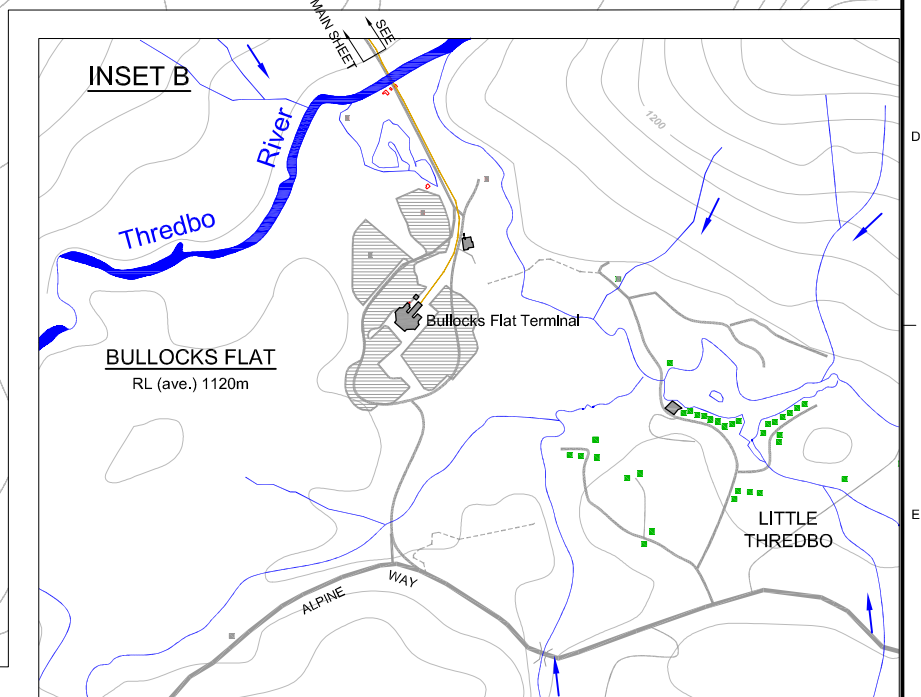
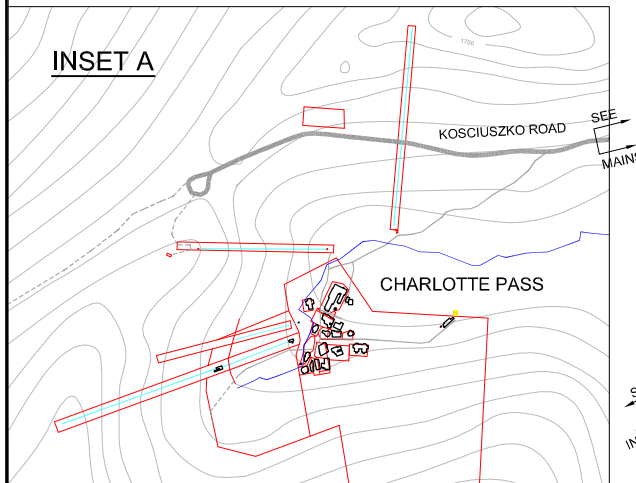


**PRELIMINARY**  
ISSUE DATE  
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**ACKNOWLEDGEMENTS**  
Topographical data sourced from NPWS airdinfo  
Contour data sourced from 5825-2S Topographical Map  
NSW Department of Public Works and Services:  
- Perisher Range Resorts Master Plan  
Connell Wagner:  
- Perisher Range Resorts Environmental Study, R2 May '01  
National Parks and Wildlife Service:  
- Strategy Report - 05/03/02  
- Design and construction of water supply infrastructure for Perisher Range water supply upgrade.

**NOTE:** Contours at 20m Intervals

**WARNING!**  
**BEWARE OF UNDERGROUND SERVICES**  
The location of underground services are approximate only and their exact position should be proven on site. No guarantee is given that all existing services are shown



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REVISION	DATE	ZONE
C	Changes as per Draft Report 3	13.12.04
B	Changes as per Draft Report 2	29.11.04
A	Initial Release	04.11.04

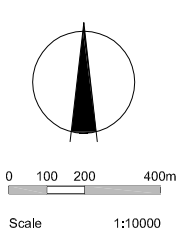
**LEGEND**

- Existing Rising Sewer
- Existing Rising Sewer
- Existing Sewer
- Existing Water
- Existing Carparks
- Existing Road Clearing

- Commercial Lodges
- Hotels
- Services
- Ski Club Lodges
- Staff Lodges
- Other Buildings
- TBC\* - To Be Constructed

- Existing Roads
- Roads TBC\* '04 '05
- Roads TBC\* '05 '06
- Roads TBC\* '06 '07
- Roads TBC\* '07 '08
- Roads TBC\* '08 '09

- Highway
- Secondary Paved Road
- Secondary Unpaved Road
- Vehicular Track



**EARTH TECH**

**Global Technology Consultants**  
Shepparton - Tel 5831 8777

Designed: Michael Welk & Andrew Gall  
Drawn: Andrew Gall  
Checked: Andrew Gall  
Approved: Andrew Gall

October 2004  
October 2004

Independent Pricing & Regulatory Tribunal of NSW  
Review of Perisher Capital and Operating Costs

**Overall Resort Layout**

Drawing No. **2004342-01** Rev **C**

Sheet No. 2  
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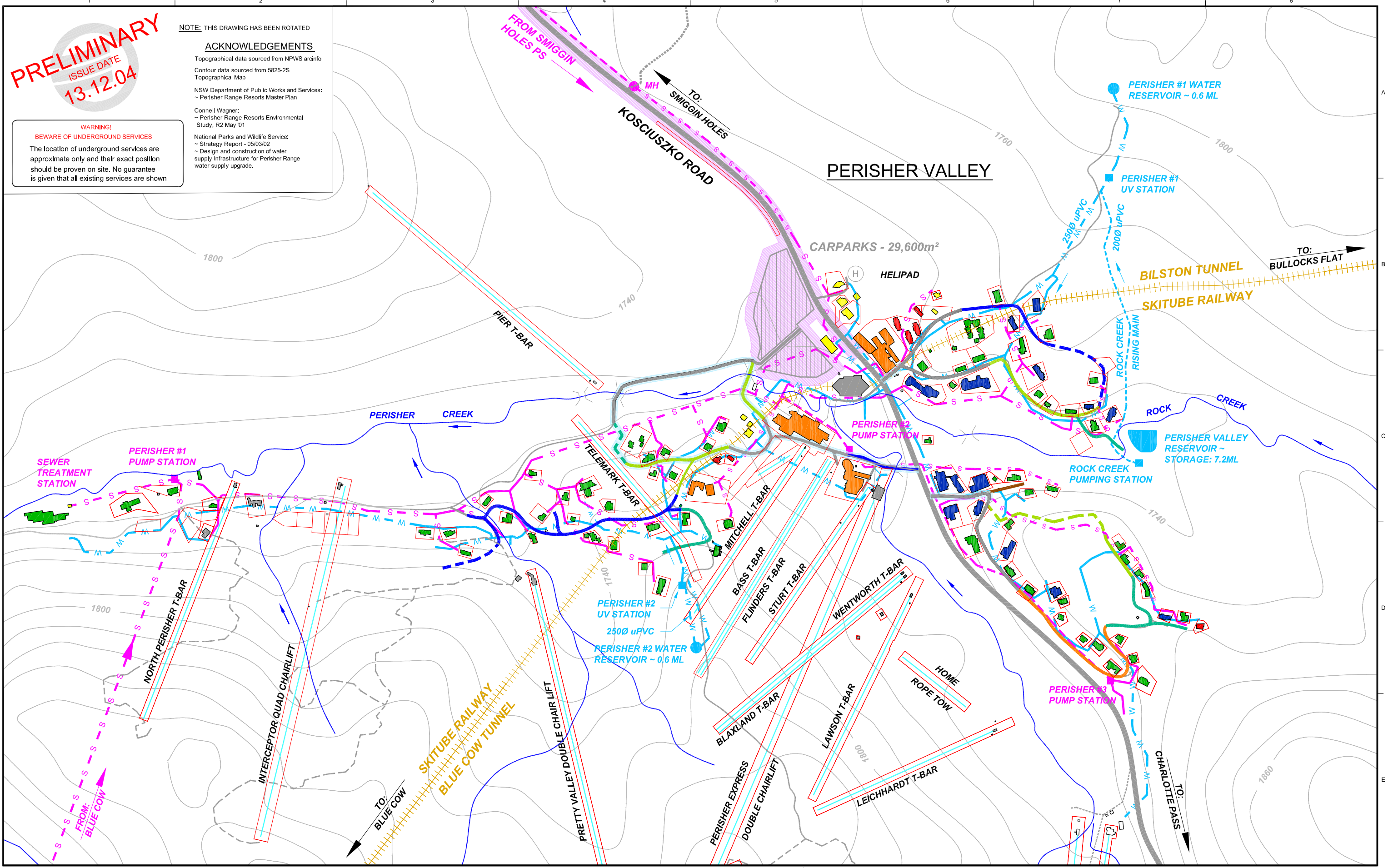
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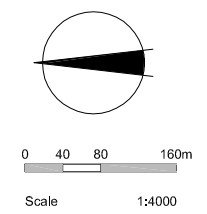


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**LEGEND**

- Existing Rising Sewer
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- Existing Water
- Existing Carparks
- Existing Cleared Roads
- Collector Roads
- Commercial Lodges
- Hotels
- Services
- Ski Club Lodges
- Staff Lodges
- Other Buildings
- Existing Roads
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- Roads TBC\* '05 '06
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- Highway
- Secondary Paved Road
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- Vehicular Track

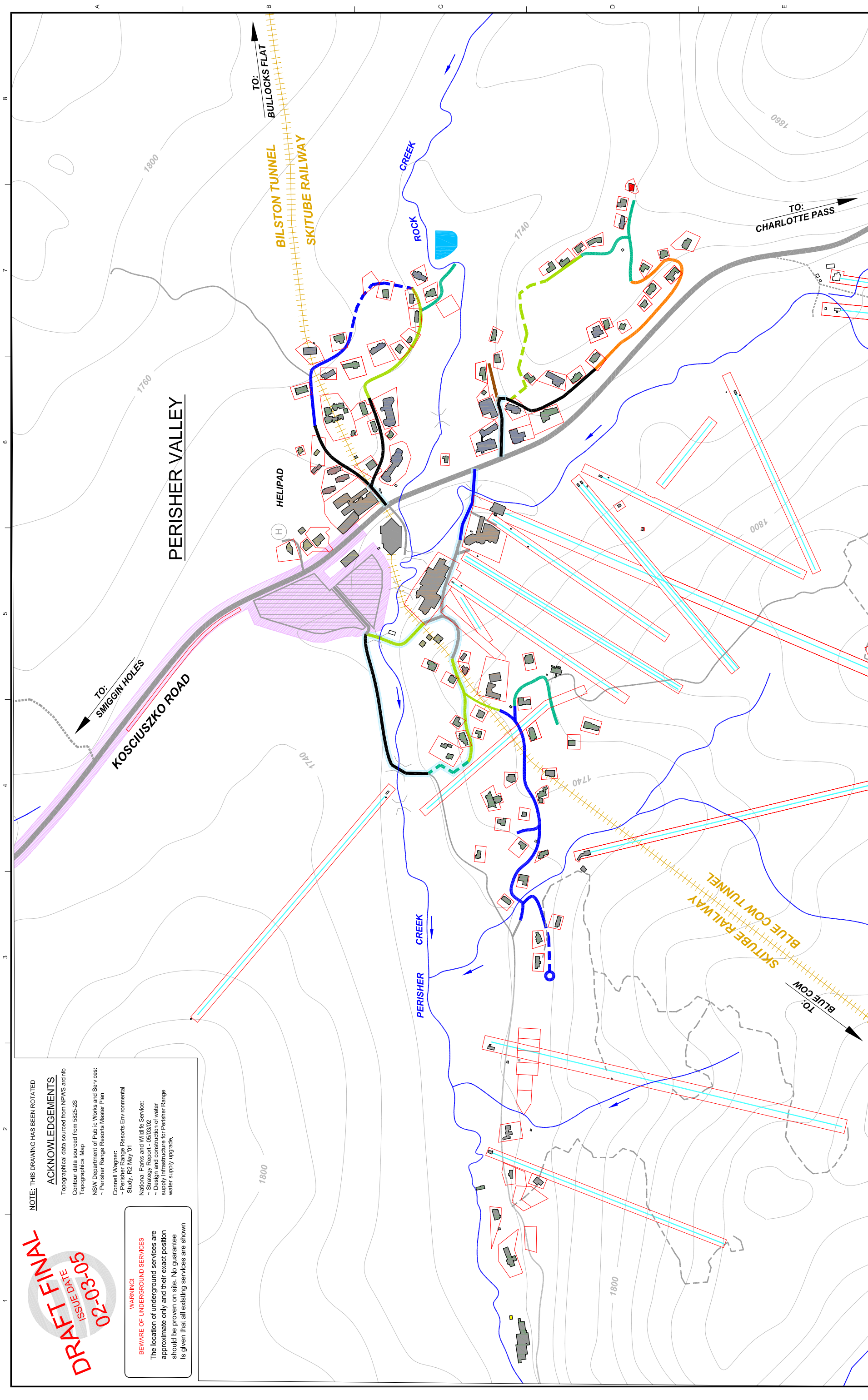


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Shepparton - Tel 5831 8777

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Drawn: Andrew Gall  
Checked: Andrew Gall  
Approved: Andrew Gall

October 2004  
October 2004

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Review of Perisher Capital and Operating Costs  
**Perisher Valley Overall Layout**  
Drawing No. 2004342-02  
Sheet No. 3  
Rev C  
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**ACKNOWLEDGEMENTS**  
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**DRAFT FINAL**  
 ISSUE DATE 02-03-05  
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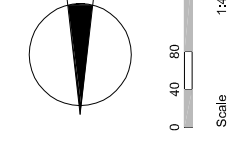
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D	02.03.05	
C	13.12.04	
B	29.11.04	
A	04.11.04	

- LEGEND**
- Existing Carparks
  - Existing Cleared Roads
  - Collector Roads
  - NOTE: Contours at 20m Intervals

- Existing Roads
- Roads Con. '03 '04
- Roads TBC\* Stage 1
- Roads TBC\* Stage 2
- Roads TBC\* Stage 3
- Roads TBC\* Stage 4
- Roads TBC\* Stage 5
- TBC\* - To Be Constructed

- Highway
- Secondary Paved Road
- Secondary Unpaved Road
- Vehicular Track



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 Global Technology Consultants  
 Shepparton - Tel 5831 8777

Designed: Andrew Gail  
 Drawn: Andrew Gail  
 Checked: Andrew Gail  
 Approved: Andrew Gail

October 2004  
 October 2004

**Independent Pricing & Regulatory Tribunal of NSW**  
 Review of Perisher Capital and Operating Costs

**Perisher Valley Roads Infrastructure**

**Drawing No. 2004342-03**  
 Sheet No. 4  
 Rev D  
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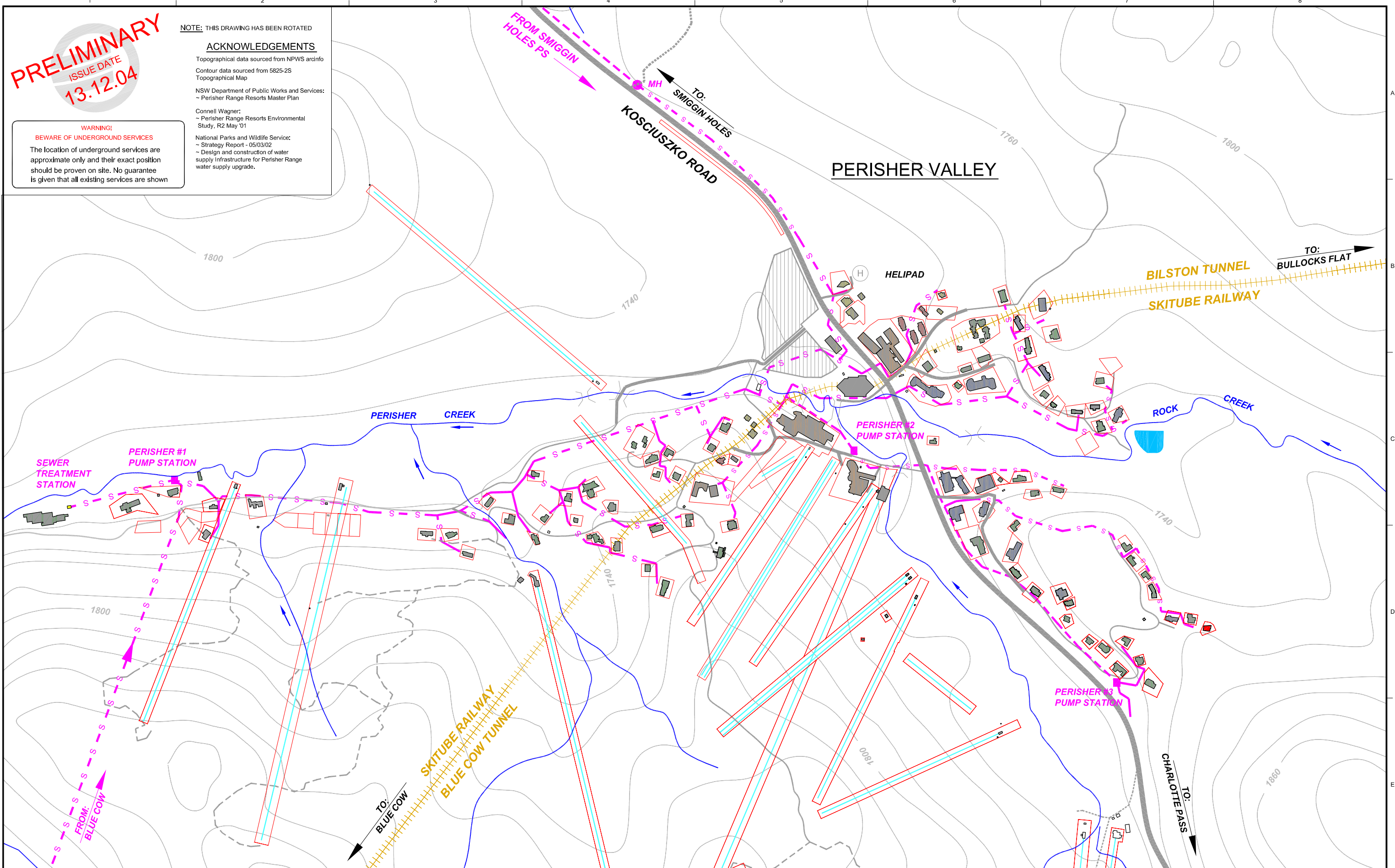
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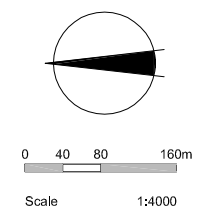
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**LEGEND**

- MH Existing Rising Sewer
- Existing Rising Sewer
- S-S- Existing Sewer
- Carparks
- Highway
- Secondary Paved Road
- Secondary Unpaved Road
- Vehicular Track

NOTE: Contours at 20m Intervals



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Global Technology Consultants  
Shepparton - Tel 5831 8777

Designed	Michael Welk	October 2004
Drawn	Andrew Gall	October 2004
Checked		
Approved		

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Review of Perisher Capital and Operating Costs  
**Perisher Valley Sewer Infrastructure**  
Drawing No. 2004342-04 Rev C  
Sheet No. 5 2004342 Layouts  
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ISSUE DATE  
**13.12.04**

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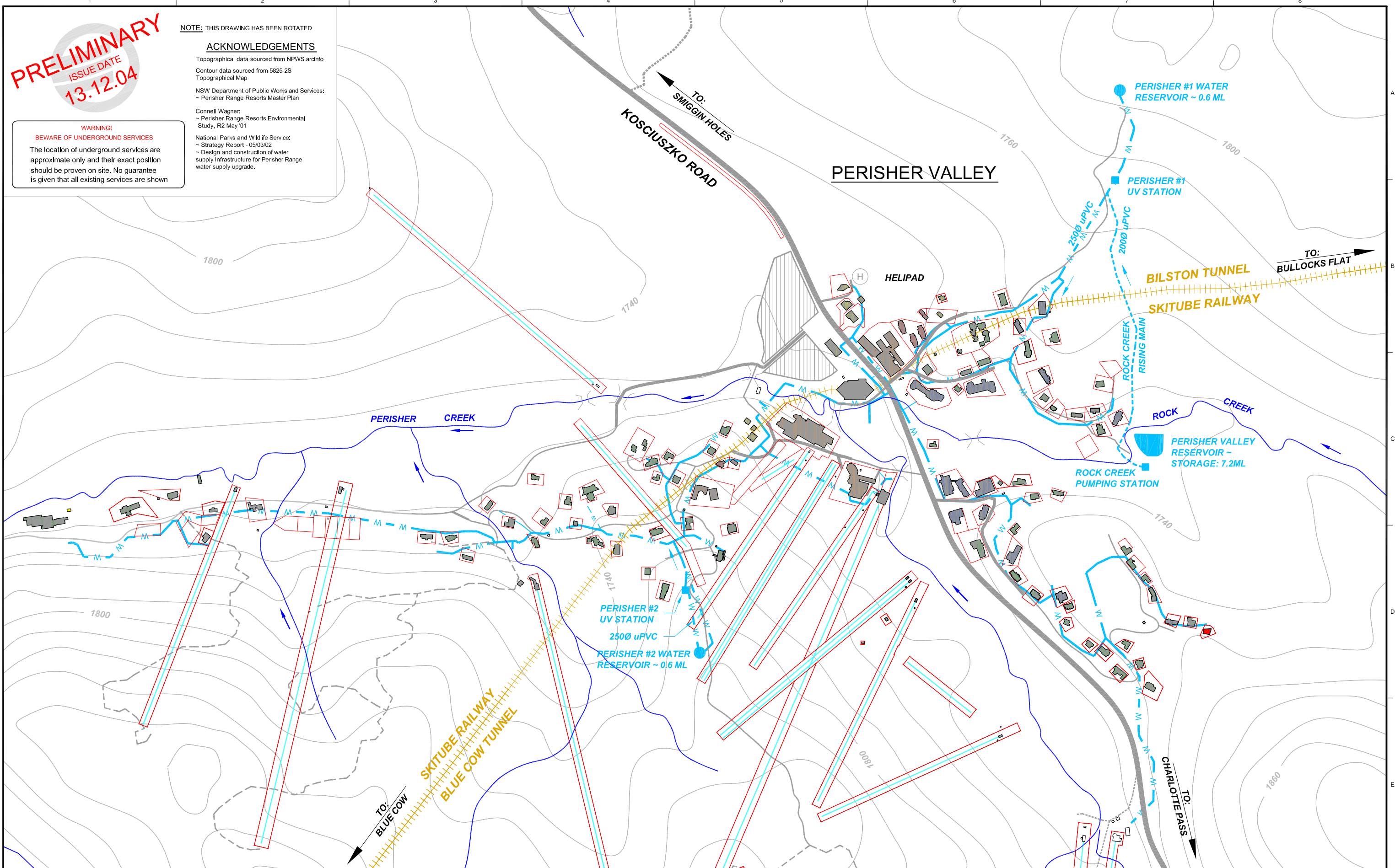
Topographical data sourced from NPWS arcinfo  
Contour data sourced from 5825-2S  
Topographical Map

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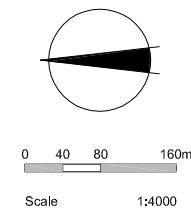
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**LEGEND**

- Carparks
- Existing Water
- Highway
- Secondary Paved Road
- Secondary Unpaved Road
- Vehicular Track

NOTE: Contours at 20m Intervals

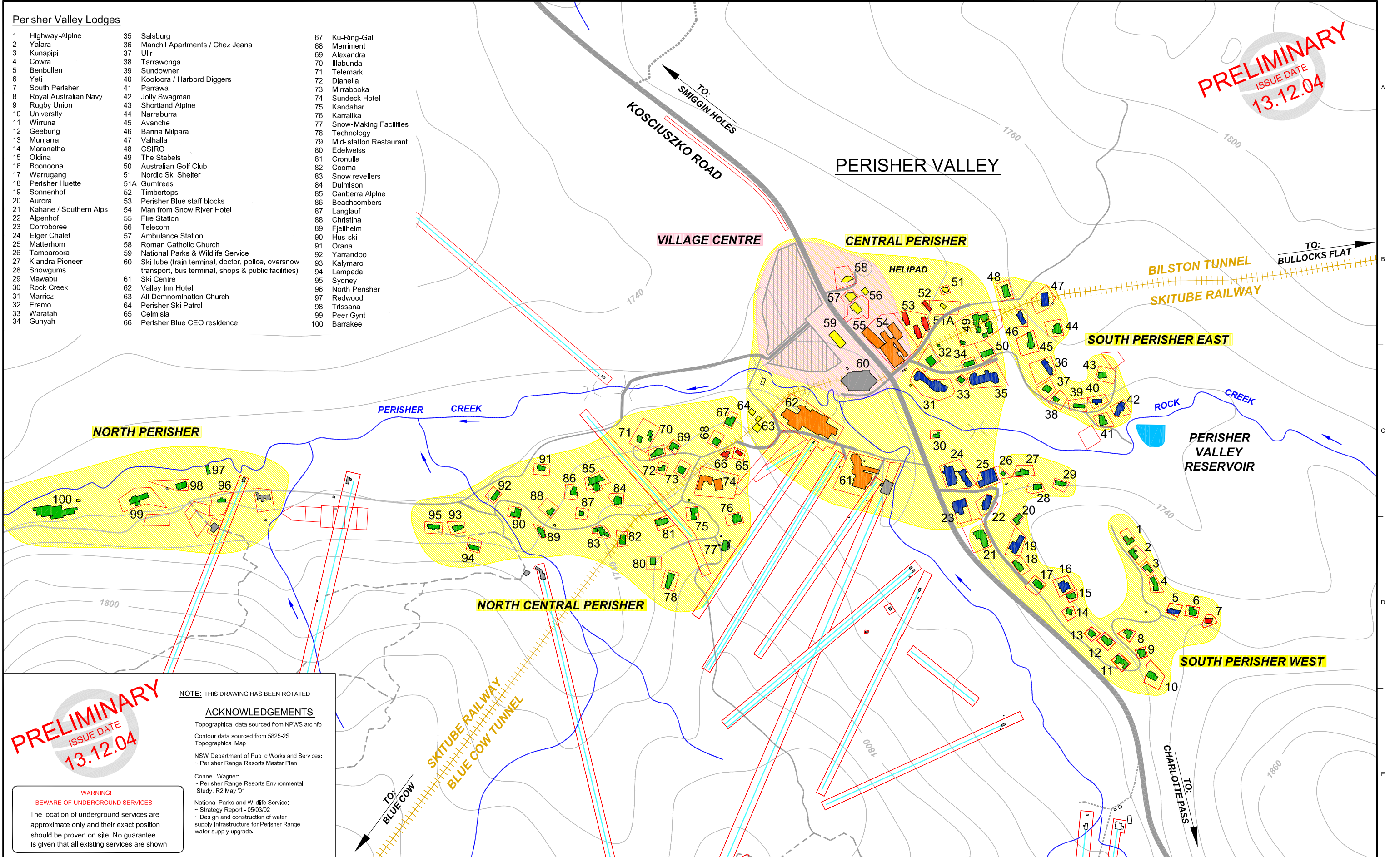


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Drawn: Andrew Gall, October 2004  
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Review of Perisher Capital and Operating Costs  
**Perisher Valley Water Infrastructure**  
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ISSUE DATE  
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**Perisher Valley Lodges**

1 Highway-Alpine	35 Salsburg	67 Ku-Ring-Gal
2 Yalara	36 Manchil Apartments / Chez Jeana	68 Merriment
3 Kunapipi	37 Ullr	69 Alexandra
4 Cowra	38 Tarrawonga	70 Illabunda
5 Benbullen	39 Sundowner	71 Telemark
6 Yeti	40 Kooloora / Harbord Diggers	72 Dianella
7 South Perisher	41 Parrawa	73 Mirrabooka
8 Royal Australian Navy	42 Jolly Swagman	74 Sundeck Hotel
9 Rugby Union	43 Shortland Alpine	75 Kandahar
10 University	44 Narraburra	76 Karralika
11 Wiruna	45 Avanche	77 Snow-Making Facilities
12 Geebung	46 Barina Milpara	78 Technology
13 Munjarra	47 Valhalla	79 Mid-station Restaurant
14 Maranatha	48 CSIRO	80 Edelweiss
15 Oldina	49 The Stabls	81 Cronulla
16 Boonoon	50 Australian Golf Club	82 Cooma
17 Warrugang	51 Nordic Ski Shelter	83 Snow revellers
18 Perisher Huette	51A Gumtrees	84 Dulmison
19 Sonnenhof	52 Timbertops	85 Canberra Alpine
20 Aurora	53 Perisher Blue staff blocks	86 Beachcombers
21 Kahane / Southern Alps	54 Man from Snow River Hotel	87 Langlauf
22 Alpenhof	55 Fire Station	88 Christina
23 Corroboree	56 Telecom	89 Fjellhelm
24 Elger Chalet	57 Ambulance Station	90 Hus-ski
25 Matterhorn	58 Roman Catholic Church	91 Orana
26 Tambaroora	59 National Parks & Wildlife Service	92 Yarrandoo
27 Klandra Pioneer	60 Ski tube (train terminal, doctor, police, oversnow transport, bus terminal, shops & public facilities)	93 Kalyamaro
28 Snowgums	61 Ski Centre	94 Lampada
29 Mawabu	62 Valley Inn Hotel	95 Sydney
30 Rock Creek	63 All Demnomination Church	96 North Perisher
31 Marricz	64 Perisher Ski Patrol	97 Redwood
32 Eremo	65 Celmisia	98 Trissana
33 Waratah	66 Perisher Blue CEO residence	99 Peer Gynt
34 Gunyah		100 Barrakee

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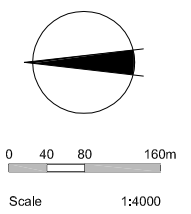
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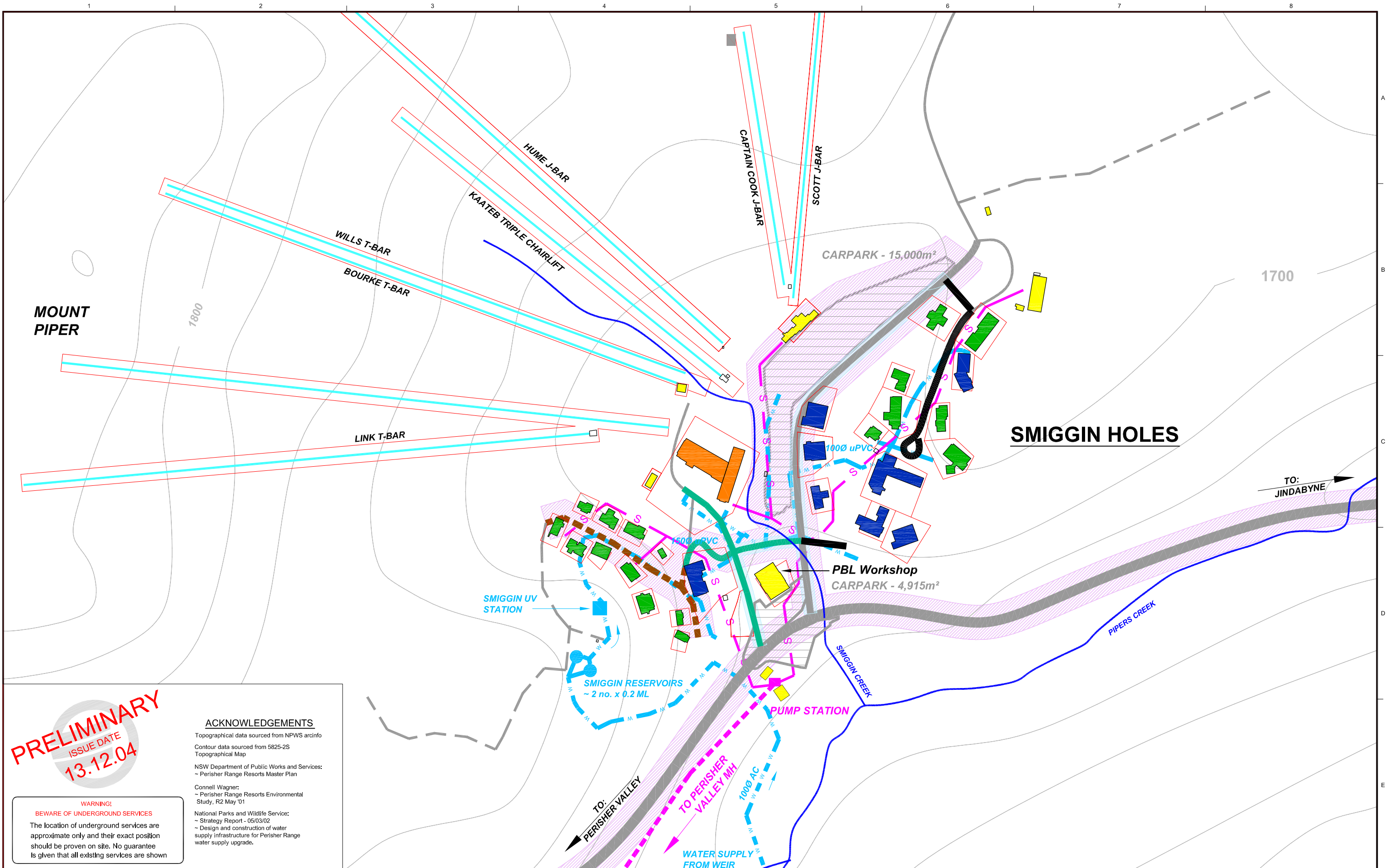
**LEGEND**

- Ski Club Lodges
- Staff Lodges
- Other Buildings
- Commercial Lodges
- Hotels
- Services
- Existing Carparks
- Highway
- Secondary Paved Road
- Vehicular Track
- Secondary Unpaved Road



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Global Technology Consultants  
Shepparton - Tel 5831 8777  
Designed: Andrew Gall, October 2004  
Drawn: Andrew Gall, October 2004  
Checked:  
Approved:

Independent Pricing & Regulatory Tribunal of NSW  
Review of Perisher Capital and Operating Costs  
**Perisher Valley Site / Precinct Layout**  
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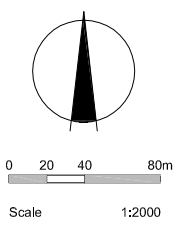
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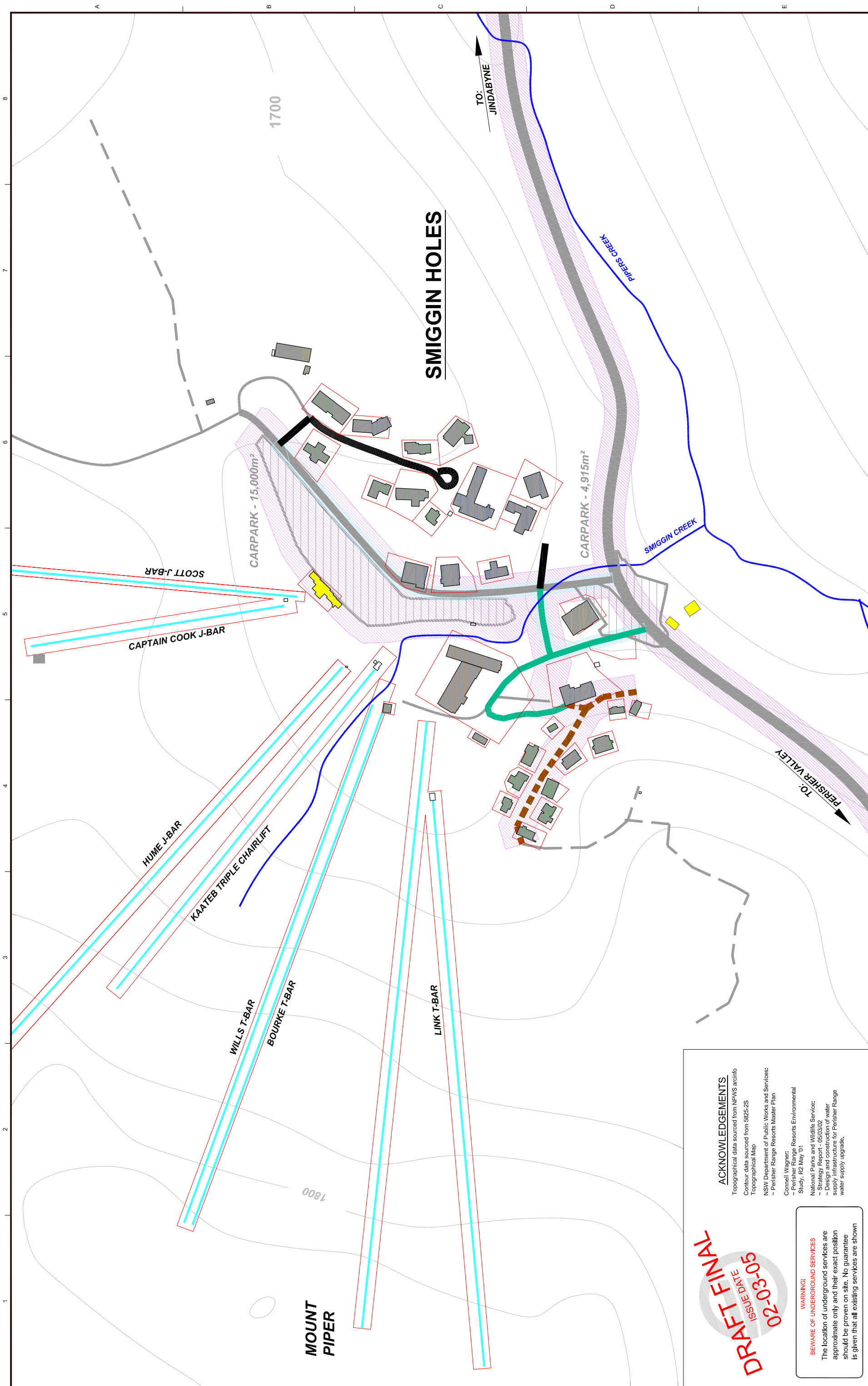
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 Drawn Andrew Gall October 2004  
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 Approved

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**Smiggin Holes Layout**  
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02-03-05  
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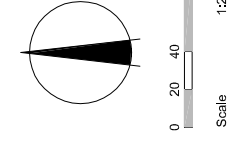
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- LEGEND**
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- Existing Roads**
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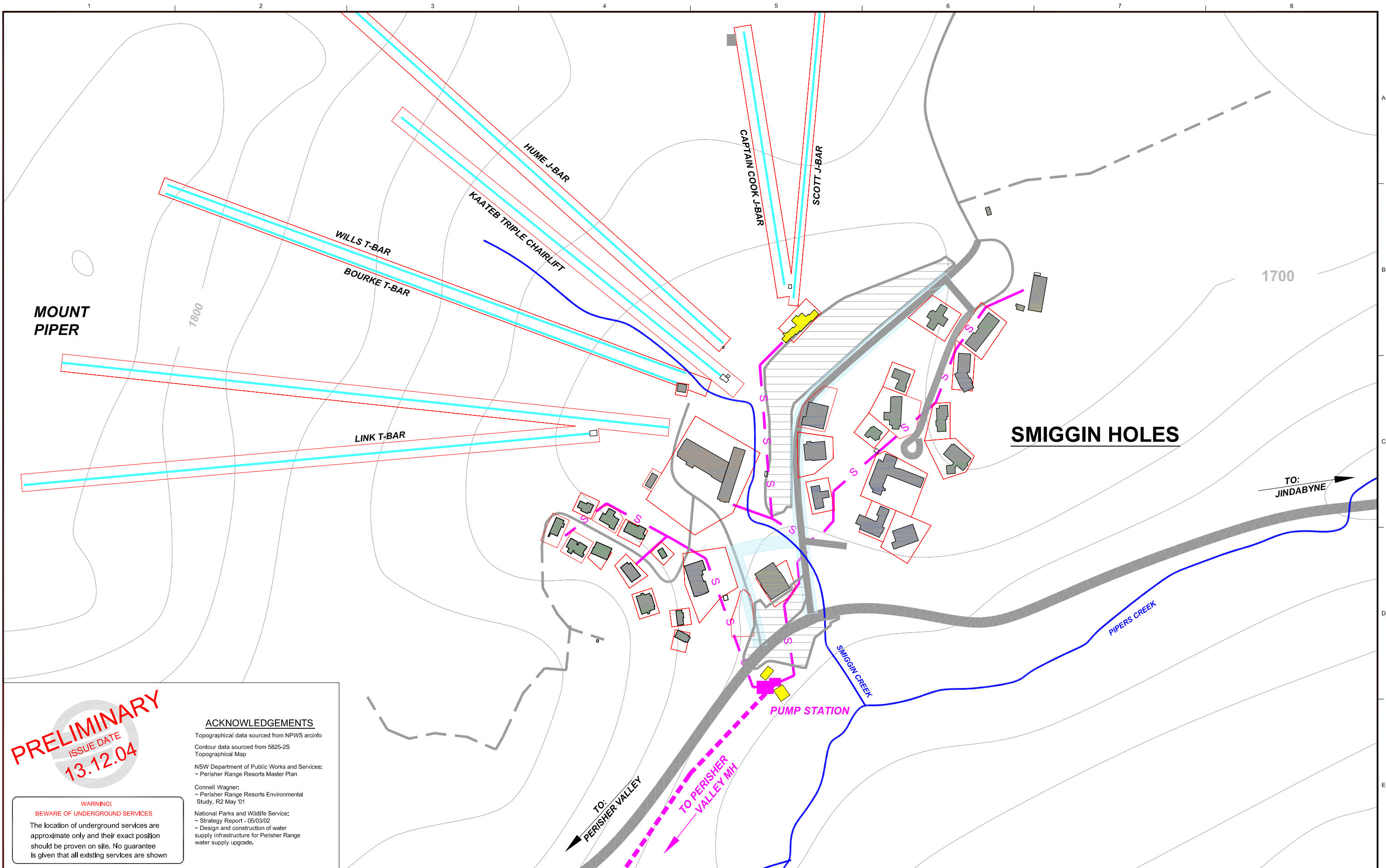
Smiggin Holes Roads Infrastructure

Drawing No. 2004342-08 Rev D  
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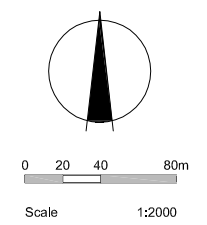
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- MH Existing Rising Sewer
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  - ▭ Carparks
  - ▬ Highway
  - ▬ Secondary Paved Road
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- NOTE:** Contours at 20m Intervals



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**Smiggin Holes Sewer Infrastructure**  
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