

APPENDIX B

PLANS

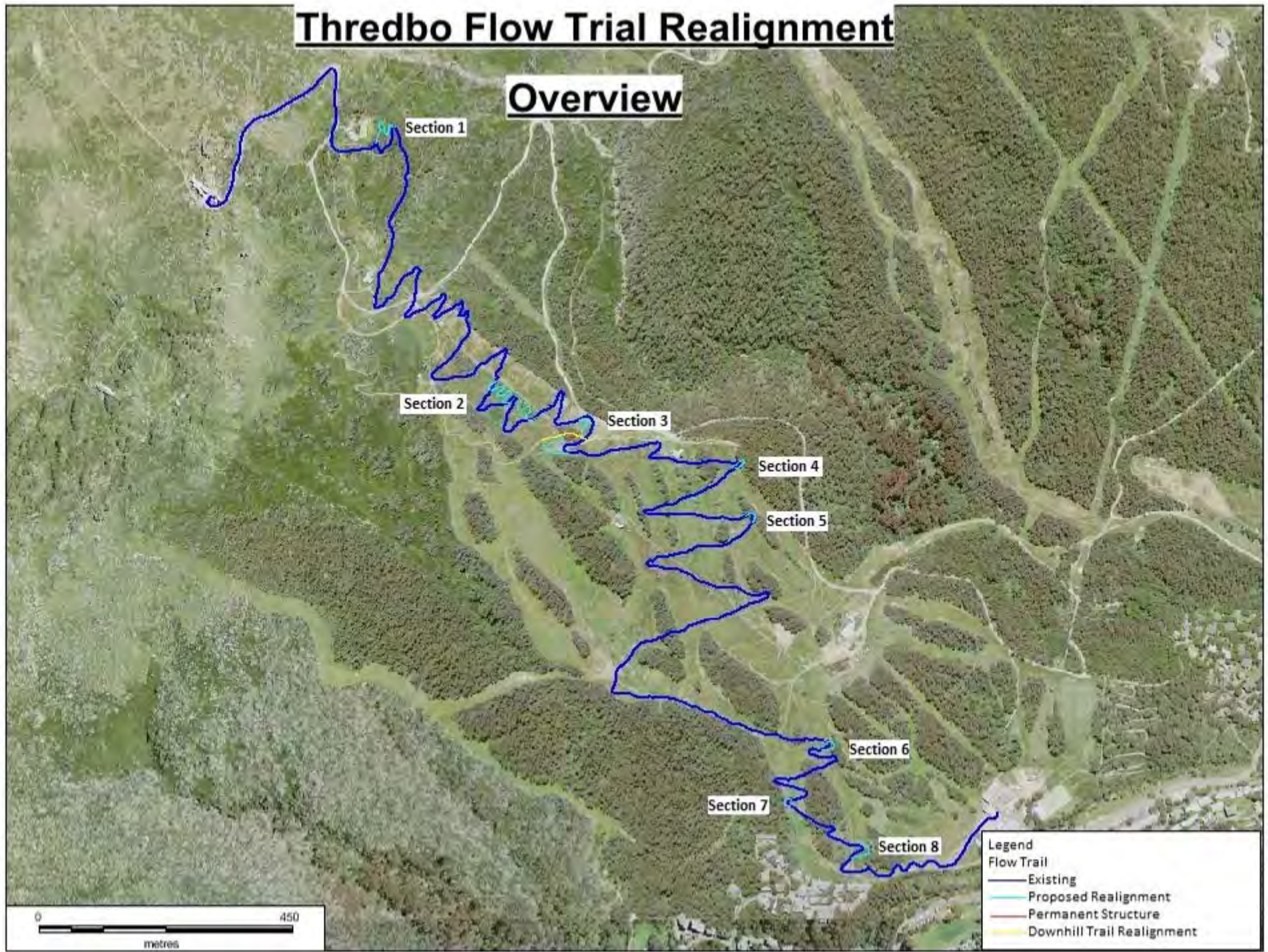


ATTACHMENT 1

Site Plan

Thredbo Flow Trial Realignment

Overview



0 450
metres

- Legend
- Flow Trail
 - Existing
 - Proposed Realignment
 - Permanent Structure
 - Downhill Trail Realignment



ATTACHMENT 2

Environmental Offsets Plan

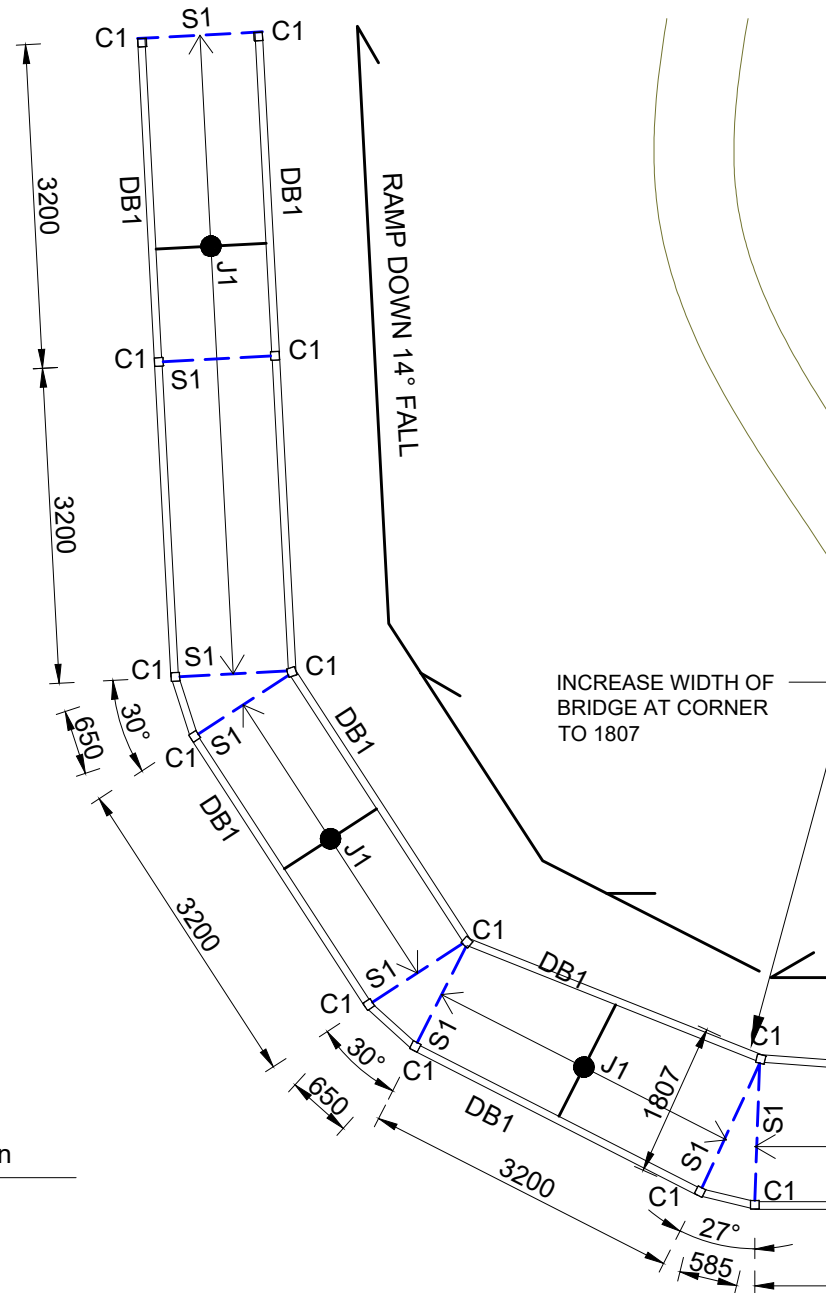
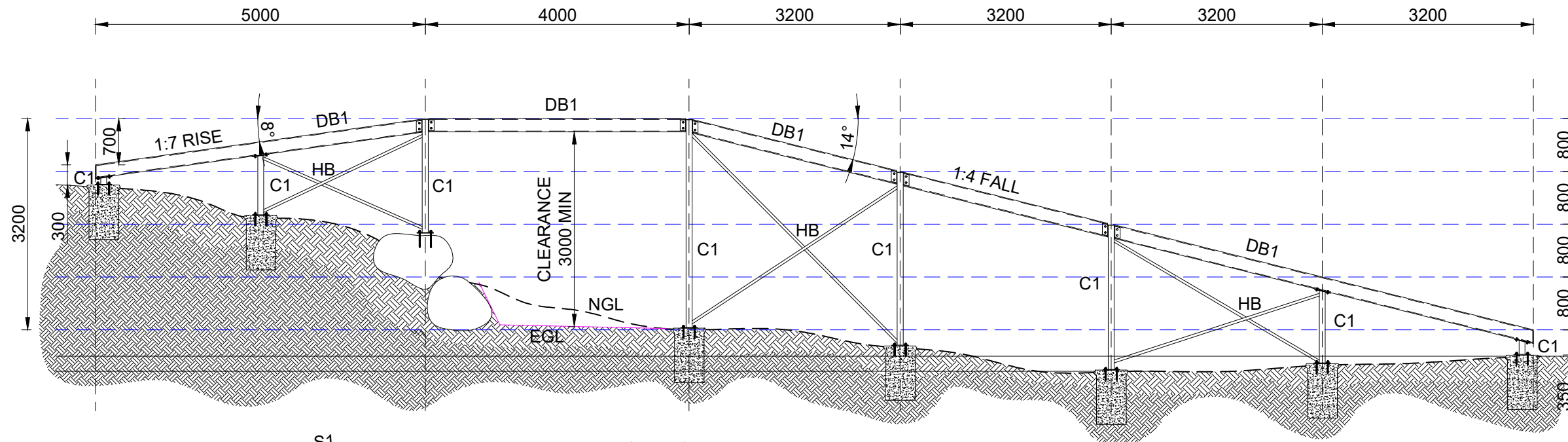




ATTACHMENT 3

Over-pass Structure

S01 Structural Elevation
Scale 1:75



S01 Structural Plan
Scale 1:75

MEMBER SCHEDULE			
MARK	MEMBER	SIZE	NOTES
C1	COLUMN	89 x 89 x 3.5 SHS	250 x 250 x 10 BASE PLATE WITH 4/M12 CHEM ANCHORS TO P1. MIN EMBEDMENT 150mm. 10mm FIN PLATE TO DB1 WITH 2/M16 8.8 GRADE ASS. 5mm TOP CAP FULLY WELDED
DB1	DECK BEAM	200 PFC	TOES OUT. FULLY WELDED 8mm STIFFENER AT THE MIDSPAN. WELD J1 TO WEB FLUSH TO TOP. 6CFW ALL ROUND
S1	STRUT	100 x 75 x 8 EA	WELD TO C1 AT DECK LEVEL, 6CFW ALL ROUND
J1	DECK JOIST	75 x 50 x 6 EA	WELD TO DB1 AT DECK LEVEL, 6CFW ALL ROUND
J2	DECK JOIST	100 x 75 x 6 EA	WELD TO DB1 AT DECK LEVEL, 6CFW ALL ROUND
P1	UNREINFORCED CONCRETE PIER	600x800DEEP (NOM)	ALL PIERS SHALL SOCKET MIN 300 INTO UNDISTURBED DECOMPOSED GRANITE. FINISH ABOVE SURFACE TO PREVENT EXCESSIVE MOISTURE ON BASE PLATES.
HB	LONGITUDINAL CROSS BRACING	40 x 40 x 3 SHS	WELD ALL ROUND TO C1 COLUMNS. BRACING REQUIRED IN ALL PANELS EXCEEDING 1200 ABOVE NGL IDEAL ANGLE 45°
LBR	LATERAL CROSS BRACING	40 x 40 x 3 SHS	WELD ALL ROUND TO C1 COLUMNS. BRACING REQUIRED IN ALL PANELS EXCEEDING 1200 ABOVE NGL IDEAL ANGLE 45°

NOTES:
 ALL STRUCTURAL STEEL ELEMENTS TO CONFORM WITH AS4100/1990.
 ALL WELDING AND SITE WORK TO AS1554/2010.
 ALL WELDS UNLESS NOTED OTHERWISE MIN 6 CFW USING E48XX ELECTRODES OR EQUIVALENT 0.9mm MIG WIRE.
 ALL STRUCTURAL STEEL SECTIONS MIN GRADE C300 TO AS3679/1990
 ALL HOLLOW SECTIONS MIN GRADE C350 TO AS 1163/1991.
 ALL BOLTS UNLESS NOTED OTHERWISE SHALL BE M16 8.8 GRADE TO AS1252/1983
 COATINGS FOR STRUCTURAL STEEL AS NOTED OR TO AS2699.3/1984

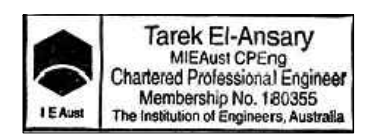


GROUNDED Structural Engineering and Drafting
 PO Box 220 Jindabyne NSW 2627
 Email: paul@groundedeng.com Mobile: 0429 071 387

Certification & Site Parameters.

Design Loads in accordance with
 AS1170.1 - Live loads
 AS1170.2 - Wind loads
 AS1170.3 - Snow loads
 Wind Class: N3
 Site Soil Class: S
 Altitude: 1656m
 Ground Snow Load: 16.74kPa

Designed: Paul Larkin
 Design checked by:
 Ansary Consulting Engineers
 Tarek El-Ansary
 BE(Civil) MEngSc (Civil) MIEAust CPEng.
 Signature:



Project / Client:
 Proposed Pedestrian Bridge
 Thredbo Mountain Bike Park
 Kosciuszko Thredbo Pty Ltd

Drawing Title:
 Structural Layout Plan

Drawn By:
 Paul Larkin
 0429 071 387

Checked : Sheet 1 of 2

DATE: 12/03/17 SCALE: 1:50

DWG #: S01 AS 1100 SIZE: A3
 Revision: 1

Certification & Site Parameters.

Design Loads in accordance with
AS1170.1 - Live loads
AS1170.2 - Wind loads
AS1170.3 - Snow loads

Wind Class: N3

Site Soil Class: S

Altitude: 1656m

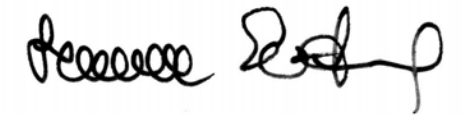
Ground Snow Load: 16.74kPa

Designed: Paul Larkin

Design checked by:
Ansary Consulting Engineers
Tarek El-Ansary

BE(Civil) MEngSc (Civil) MIEAust CPEng.

Signature:



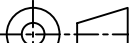

Project / Client:
Proposed Pedestrian Bridge
Thredbo Mountain Bike Park
Kosciuszko Thredbo Pty Ltd

Drawing Title:
Structural Details

Drawn By:
Paul Larkin
0429 071 387

Checked : Sheet 2 of 2

DATE: 12/03/17 SCALE: 1:20

DWG #: S02  SIZE:

Revision: 1 AS 1100 A3

