

KAIMAI WIND FARM

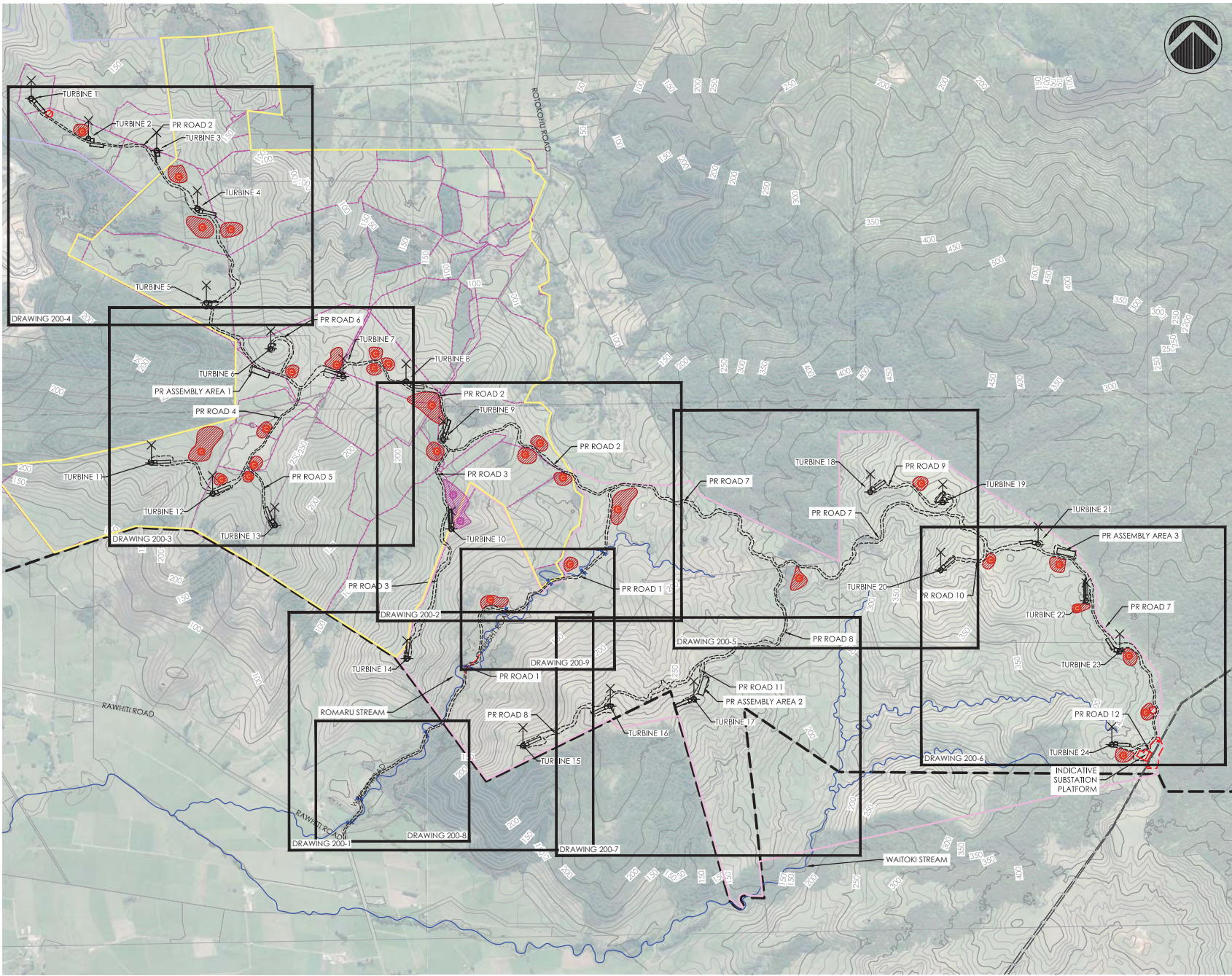
ROKOKOHU ROAD, PAEROA

PRELIMINARY CIVIL ENGINEERING DRAWINGS

ISSUED 18 OCTOBER 2018 FOR SECTION 92 RESPONSE



DRAWING NUMBER	DRAWING TITLE	REVISION	
200	GENERAL ARRANGEMENT PLAN	B	
200-1	200-9	GENERAL ARRANGEMENT PLAN - DETAIL PLAN SHEET 1-9	B
210-1	210-24	PROPOSED TURBINE PLATFORM DETAIL PLAN SHEET 1-24	B
211-1	211-3	PROPOSED ASSEMBLY AREA DETAIL PLAN SHEET 1-3	B
212	PROPOSED SUBSTATION PLATFORM DETAIL PLAN	B	
213	PROPOSED CLEAN-FILL SITES OVERVIEW PLAN	A	
213-1	213-4	PROPOSED CLEAN-FILL SITES DETAIL SHEET 1-4	A
214	PROPOSED INDICATIVE QUARRY SITE OVERVIEW PLAN	A	
250	EROSION AND SEDIMENT CONTROL OVERVIEW PLAN	A	
250-1	250-7	EROSION AND SEDIMENT CONTROL OVERVIEW DETAIL PLAN SHEET	A
251-1	251-5	EROSION AND SEDIMENT CONTROL DETAIL SHEET 1-5	A
252-1	252-7	EROSION AND SEDIMENT CONTROL STANDARD DETAILS SHEET 1-7	A
300	306	PROPOSED ROAD ONE LONG SECTION SHEET 1-7	A
307	319	PROPOSED ROAD TWO LONG SECTION SHEET 1-13	A
320	323	PROPOSED ROAD THREE LONG SECTION SHEET 1-4	A
324	327	PROPOSED ROAD FOUR LONG SECTION SHEET 1-4	A
328	PROPOSED ROAD FIVE LONG SECTION	A	
329	PROPOSED ROAD SIX LONG SECTION	A	
330	343	PROPOSED ROAD SEVEN LONG SECTION SHEET 1-14	A
344	349	PROPOSED ROAD EIGHT LONG SECTION SHEET 1-6	A
350	351	PROPOSED ROAD NINE LONG SECTION SHEET 1-2	A
352	PROPOSED ROAD TEN LONG SECTION	A	
353	PROPOSED ROAD ELEVEN LONG SECTION	A	
354	PROPOSED ROAD TWELVE LONG SECTION	A	
370	TYPICAL ROAD CROSS SECTIONS	A	
380-01	380-12	PROPOSED ROAD ONE SECTION VIEW SHEET 1-12	A
381-01	381-21	PROPOSED ROAD TWO SECTION VIEW SHEET 1-21	A
382-01	382-06	PROPOSED ROAD THREE SECTION VIEW SHEET 1-6	A
383-01	383-05	PROPOSED ROAD FOUR SECTION VIEW SHEET 1-5	A
384-01	384-02	PROPOSED ROAD FIVE SECTION VIEW SHEET 1-2	A
385-01	385-02	PROPOSED ROAD SIX SECTION VIEW SHEET 1-2	A
386-01	386-20	PROPOSED ROAD SEVEN SECTION VIEW SHEET 1-20	A
387-01	387-09	PROPOSED ROAD EIGHT SECTION VIEW SHEET 1-9	A
388-01	388-03	PROPOSED ROAD NINE SECTION VIEW SHEET 1-3	A
389-01	389-02	PROPOSED ROAD TEN SECTION VIEW SHEET 1-2	A
390-01	390-02	PROPOSED ROAD ELEVEN SECTION VIEW SHEET 1-2	A
391-01	PROPOSED ROAD TWELVE SECTION VIEW SHEET 1	A	



Notes:

1. FOR INFORMATION PURPOSES ONLY.
 2. BOUNDARIES, CONTOURS AND OTHER BASE INFORMATION SHOWN IS INDICATIVE ONLY AND PRIMARILY INFORMED BY AERIAL LIDAR SURVEY BY SYNERGY POSITIONING SYSTEMS LTD IN APRIL 2014.
 3. COORDINATES SHOWN ARE IN TERMS OF MT EDEN 2000 CIRCUIT AND LEVELS ARE RELATIVE TO THE AUCKLAND 1946 VERTICAL DATUM.
 4. THE PROPOSED ROAD ALIGNMENT, TURBINE PLATFORMS, AND OVERALL EARTHWORKS ARE BASED ON AN INDICATIVE ROAD ALIGNMENT AND REMAIN SUBJECT TO DETAILED DESIGN.
 5. VOLUME ESTIMATES BASED ON COMPARISON OF EXISTING & PROPOSED SURFACE LEVELS & DO NOT ACCOUNT FOR SUBGRADE CUT, BULKING OR COMPACTION FACTORS.
- OVERALL AREA & VOLUME ESTIMATES INCLUDE 20% CONTINGENCY FOR ADDITIONAL EARTHWORKS IF NECESSARY THROUGH DETAILED DESIGN.

LEGEND

- EXISTING PARCEL BOUNDARY
- JACKSON PROPERTY BOUNDARY
- ROTOKOHU FARMS PROPERTY BOUNDARY
- DENIZE BROTHERS PROPERTY BOUNDARY
- HDC/MPDC TERRITORIAL BOUNDARY
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXTENT OF EARTHWORK
- X PROPOSED TURBINE LOCATION
- EXISTING TRANSPOWER NATIONAL GRID LINES
- PROPOSED ROAD CENTER LINE AND EDGE OF CARRIAGEWAY
- EXISTING FENCE
- INDICATIVE QUARRY SITE
- INDICATIVE CLEANFILL SITE
- EXISTING CULVERT
- PROPOSED UPGRADED CULVERT
- STREAM [WRC REGIONAL MAP]

DESCRIPTION OF WORKS	UNIT	TOTAL
TOTAL ROAD LENGTH	m	18,900
TOTAL EARTHWORKS AREA	m ²	596,500
TOTAL CUT VOLUME	m ³	900,000
TOTAL ENGINEERED FILL VOLUME	m ³	113,500
TOTAL CLEANFILL VOLUME	m ³	786,500

B	592 RESPONSE UPDATE	LT	18.10.18
A	RESOURCE CONSENT	JT	15.06.18

REV	DESCRIPTION	BY	DATE
STATUS: RESOURCE CONSENT			

TEKTUS Consultants Ltd
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 Auckland 0643 NZ
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 AUCKLAND 0632

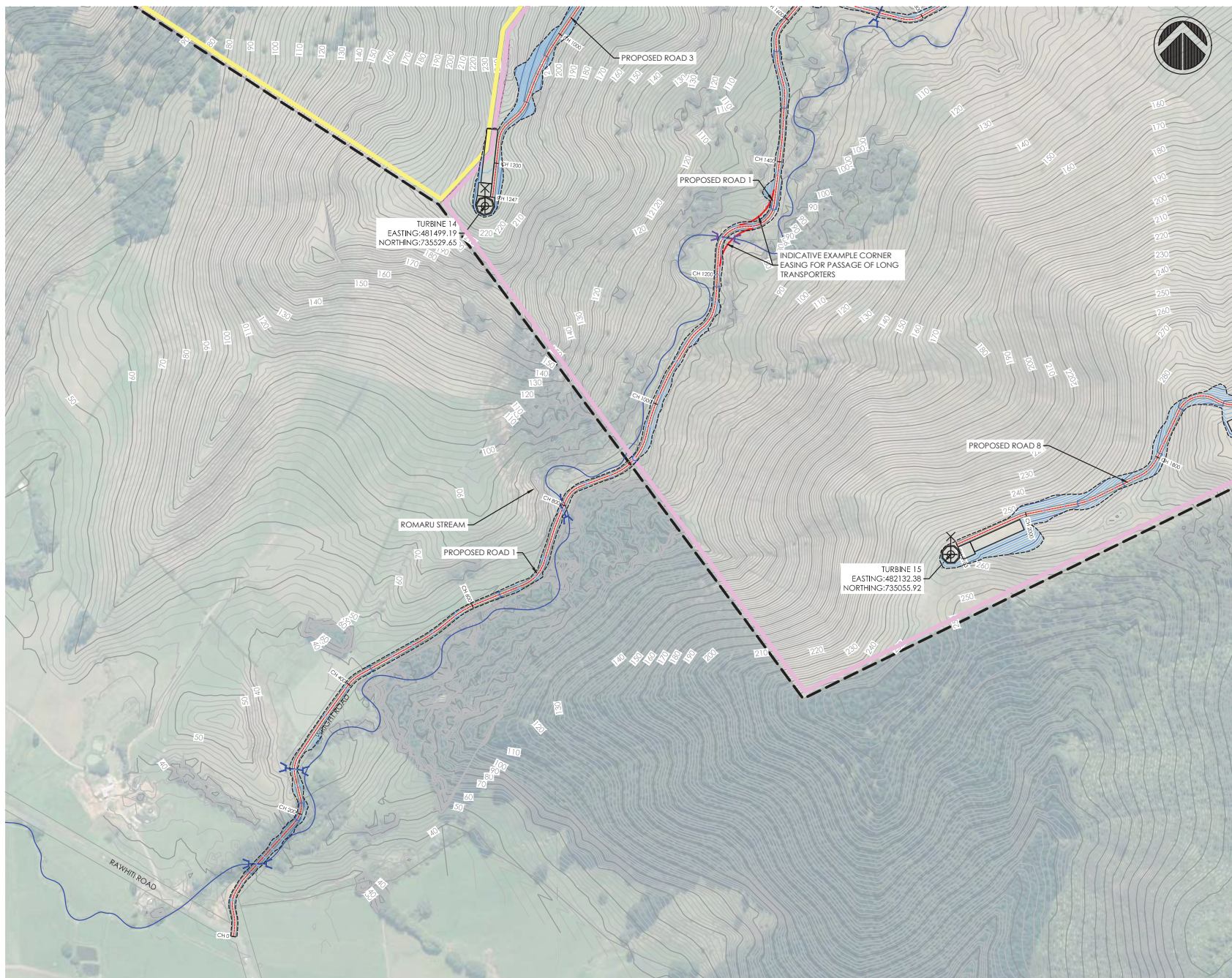
SURVEYOR: SYNERGY POSITIONING SYSTEMS LTD
 3/52 ARRENWAY DRIVE, ALBANY,
 AUCKLAND 0632

SITE: KAIMAI WIND FARM
 ROTOKOHU ROAD, PAEROA

TITLE: PRELIMINARY CIVIL ENGINEERING
 DRAWINGS

SUBTITLE: GENERAL ARRANGEMENT PLAN

SCALE AT AS:	DATE:	DRAWN:	CHECKED:
1:20000	15.06.18	JT	JT
PROJECT NO:	DRAWING NO:	REVISION:	
T15022	200	B	



Notes:

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- ⊕ PROPOSED TURBINE LOCATION
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- PROPOSED UPGRADED CULVERT
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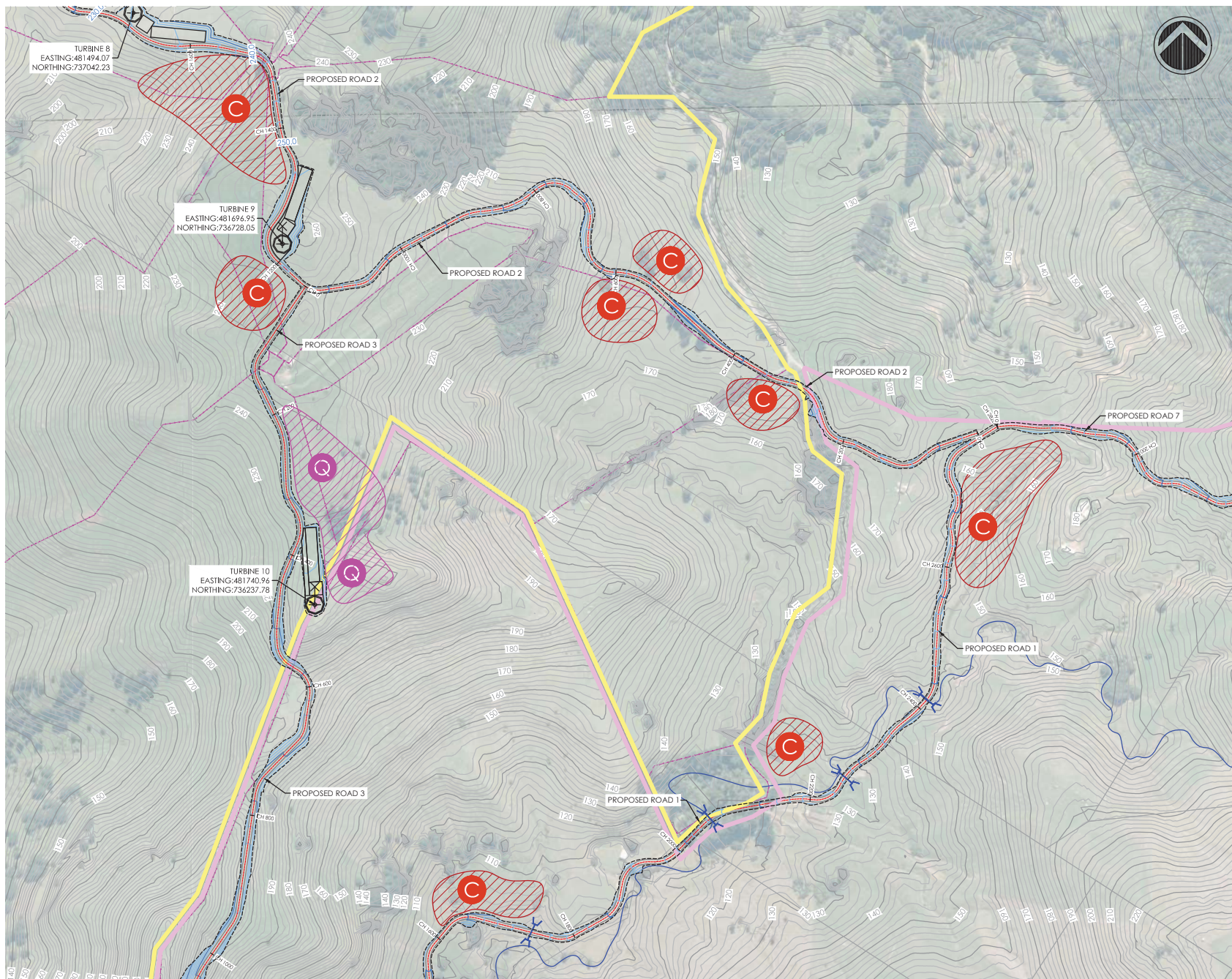
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TITLE: PRELIMINARY CIVIL ENGINEERING
 DRAWINGS

SUBTITLE: GENERAL ARRANGEMENT PLAN
 DETAIL PLAN SHEET 1

SCALE AT A3:	DATE:	DRAWN:	CHECKED:
1:5000	15.06.18	JT	JT
PROJECT NO:	DRAWING NO:	REVISION:	
T15022	200-1	B	



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SUBTITLE: GENERAL ARRANGEMENT PLAN
 DETAIL PLAN SHEET 2

SCALE AT AS:	DATE:	DRAWN:	CHECKED:
1:5000	15.06.18	JT	JT
PROJECT NO:	DRAWING NO:	REVISION:	
T15022	200-2	B	