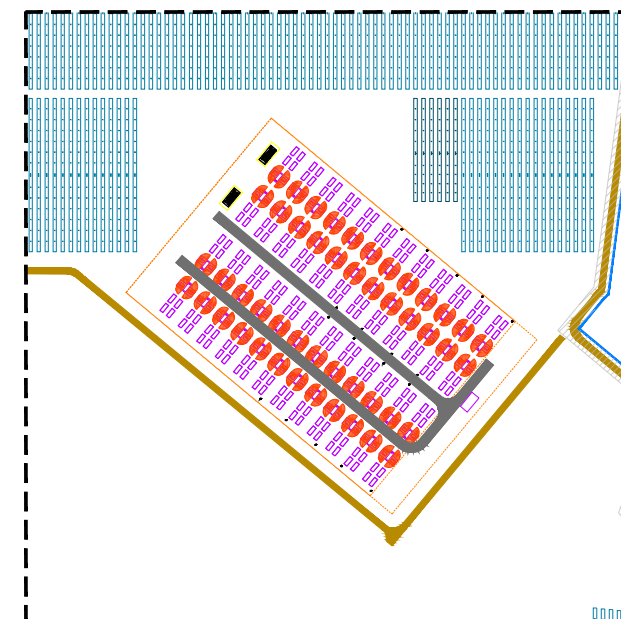
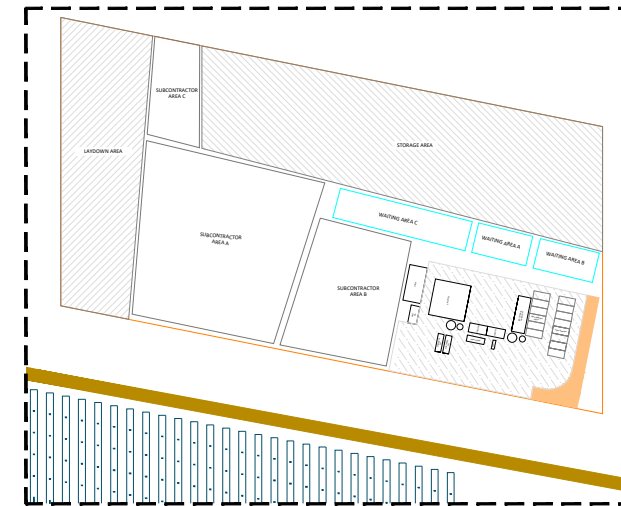


PROJECT SUBSTATION
1:5000



ENERGY STORAGE SYSTEM
1:5000



CONSTRUCTION FACILITIES
1:2500

	Site Boundary
	Site Access
	Secondary Site Access
	Security Fence
	Single Axis Tracker 84 x 1
	Single Axis Tracker 56 x 1
	Inverter & Transformer
	Access Gates
	Fire Break
	Access Road
	Grey box grass woodland
	Barking owl area
	Hydroline: 3rd order streams
	Vegetation to keep
	Vegetation to remove
	Heritage homestead

PV SYSTEM SPECIFICATIONS	
Capacity - DC	551.00 MW _p
Capacity - AC	450.00 MW _{AC}
DC/AC Ratio	1.22
Modules	(1020376) 540 W Bifacial
Mods. per string	28
Pitch	5.3 m
GCR	43.00 %
Mounting structure	(12558) Mono-Line Single Axis Trackers
• Full	11326
• Partial	1232
• Half	----
Inverters	(140) Central Inverter 3900 KVA
• Nominal Power	4200 KVA
Access roads	52805 m
Fenced area	(8297555 m ²) 2050.370 Acres
• Perimeter	30992 m

Revisions:			
07	28.03.23	Layout Update	AG
06	23.03.23	Planning update	AG
05	23.02.23	Layout update	JJ
04	15.11.22	Constraints update	AGV
03.2	10.08.22	Layout update after plannings comments	AGV
03.1	09.08.22	Layout update after comments	AGV
03	08.08.22	Layout updated (new constraints added)	AGV
02	13.10.21	West parcel boundary adjusted	AGV
Rev	Date	Comments	Dwn Chkd

AGV			15.11.2022
DRAWN	CHECKED	APPROVED	DATE

PROJECT NAME & ADDRESS:
Location:
Goulburn River, Australia

NOTES:
- 540 Wp Bifacial modules
-
-
-

Paper Size:	Scale:	Sheet:
A3	1:25000	1

CAPACITY:
1020376 Modules 551.00 MWp

DRAWING TITLE:
AUS_Goulburn River Solar_LP1-Initial Design Layout_07

DRAWING NUMBER: LP1-IDL	STATUS: Preliminary
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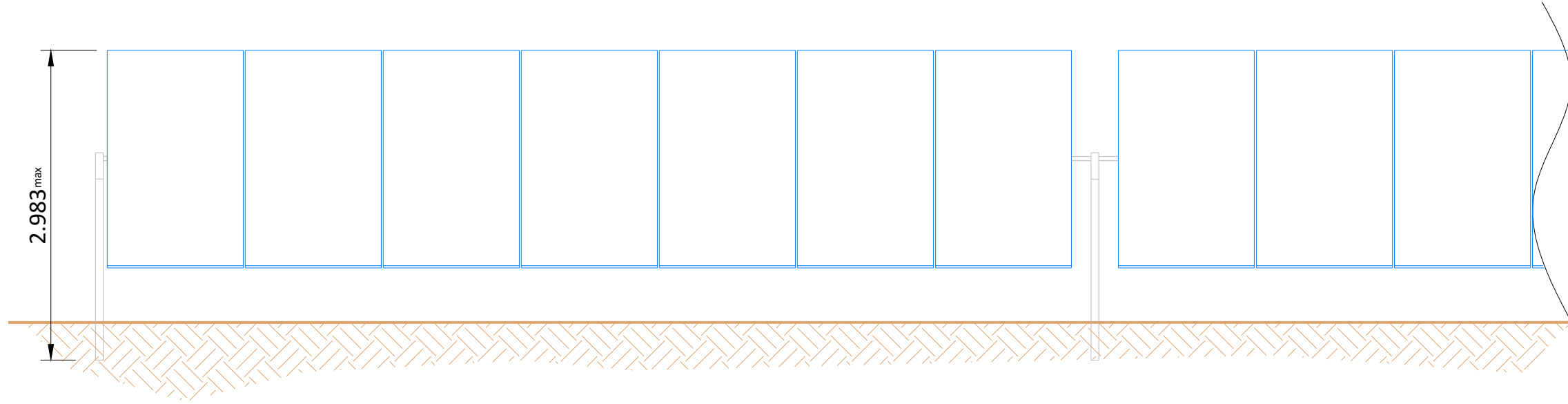


Lightsource Development Limited,
7th Floor, 33 Holborn, London, EC1N 2HU
General: +44 (0) 333 200 0755
Web: www.lightsourcebp.com
info@lightsourcebp.com

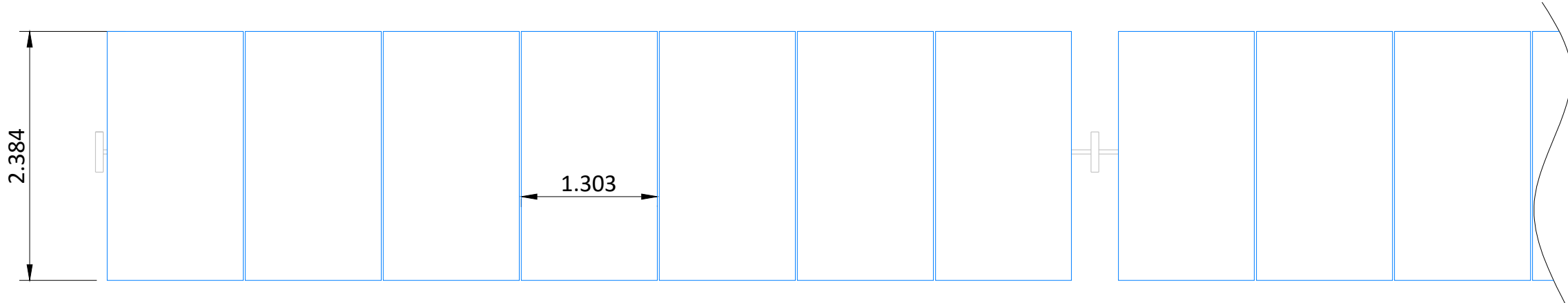
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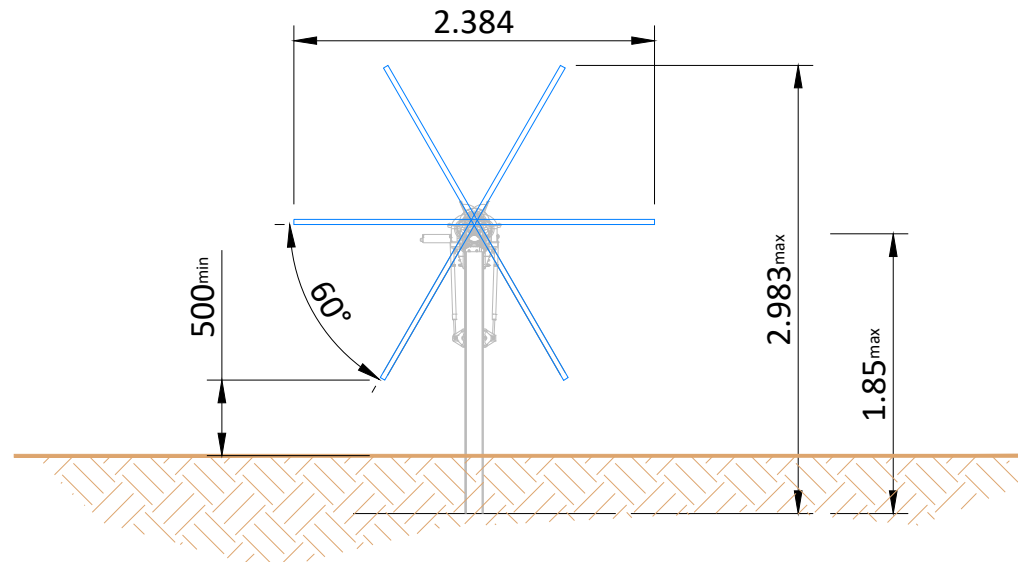
Tracker Elevation



Typical Elevation



Plan



Typical Section



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Tracker Elevation			
DA			11.08.20
DRAWN	CHECKED	APPROVED	DATE
Paper Size: A3	Scale: 1:50@A3	Sheet: 1	
DRAWING NUMBER: TR_NXTR		STATUS: Preliminary	
Lightsource Development Services Australia Pty Ltd Level 9 401 Collins Street, Melbourne, 3000 General: +61 (3) 9071 0326 Web: www.lightsourcebp.com info@lightsourcebp.com			

A3 - (420 x 297)mm



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CLIENT:



DATE:	REVISION:	DESCRIPTION:
09.02.2023	0	CLIENT REVIEW

PROJECT:
RINGWOOD ROAD UPGRADE

DRAWING TITLE:
SWEPT PATHS

ISSUE STATUS:
CLIENT REVIEW

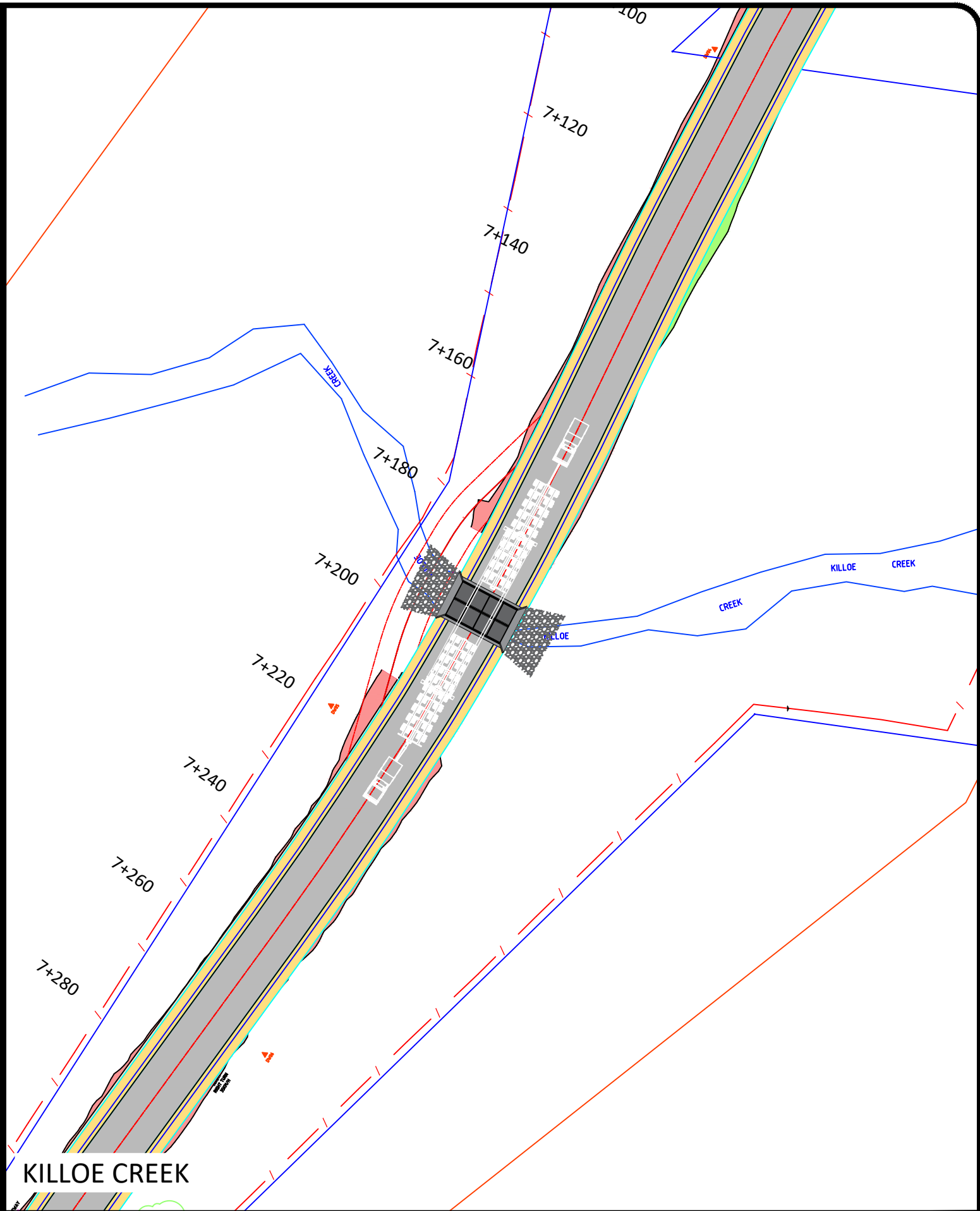
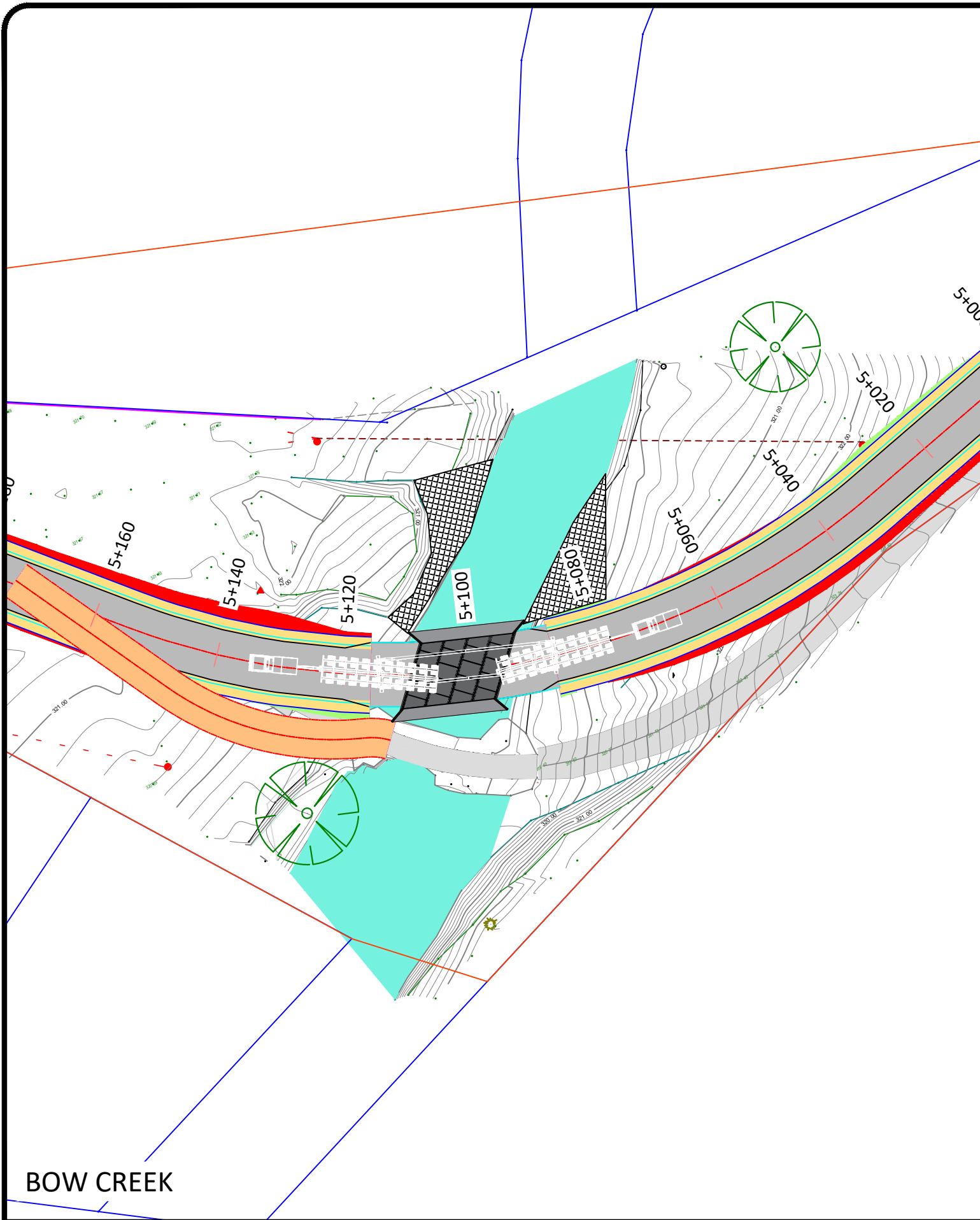


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COORDINATE SYSTEM: MGA ZONE 56 GDA 2020	SHEET: 1	REV: 0
DATUM: AHD		

SURVEYED:
OTHERS

DESIGNED: RS	DRAWN: RJ
SHEET: 1	REV: 0



BOW CREEK

KILLOE CREEK



CLIENT:



DATE:	REVISION:	DESCRIPTION:
09.02.2023	0	CLIENT REVIEW

PROJECT:
RINGWOOD ROAD UPGRADE

DRAWING TITLE:
SWEPT PATHS

ISSUE STATUS:
CLIENT REVIEW



SCALE:
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JOB No: 22Q3J3

COORDINATE SYSTEM: MGA ZONE 56 GDA 2020
DATUM: AHD

SURVEYED:
OTHERS

DESIGNED: RS
DRAWN: RJ

SHEET: 2
REV: 0

LEGEND

- CADASTRAL BOUNDARY (DCDB)
- FENCE LINE
- FOG LINE
- CENTRELINE OF ROAD
- EDGE OF BITUMEN
- EDGE OF UNSEALED SHOULDER
- STORMWATER PIPE
- ▲ SURVEY CONTROL POINT
- DENOTES TREE
- ▲ ▲ DENOTES CUT AND FILL



LOT 16
DP 11212

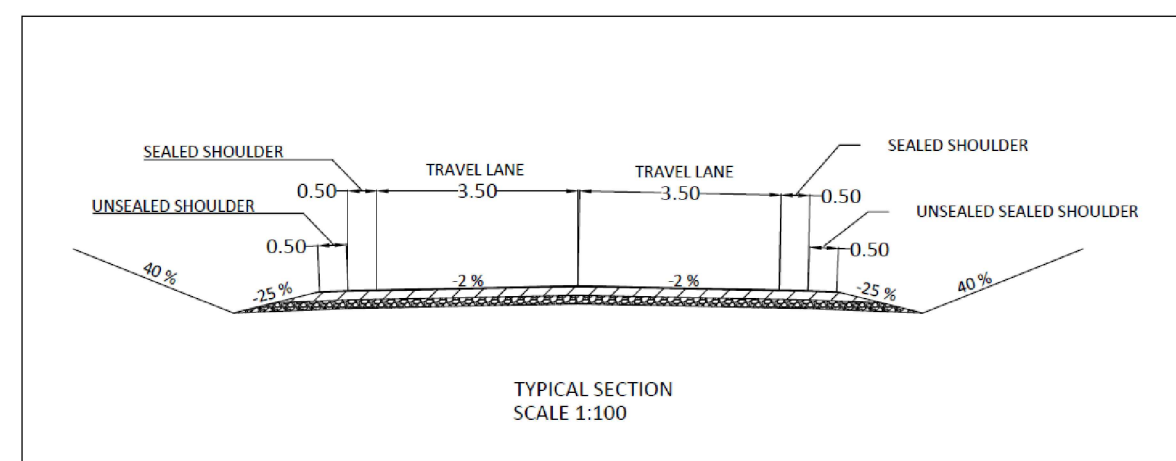
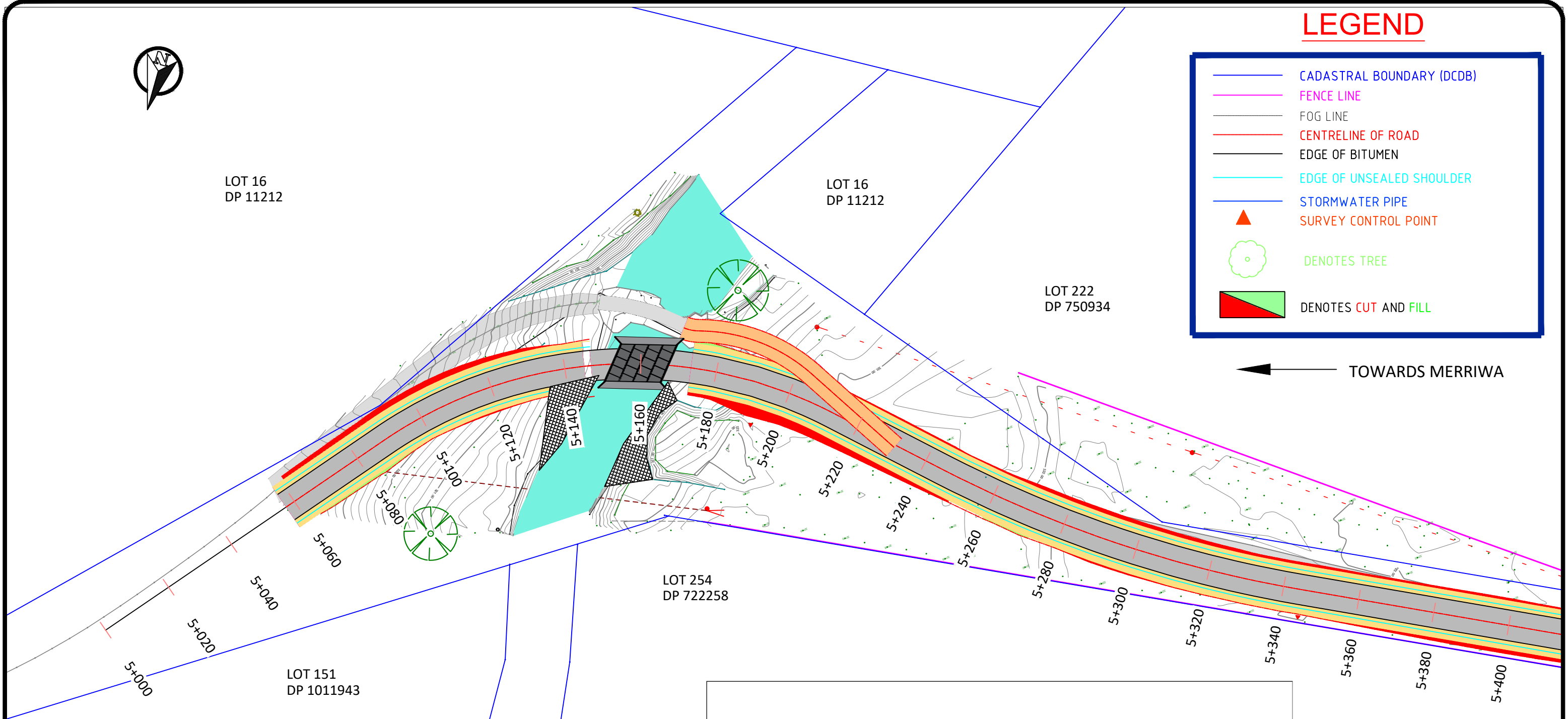
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DP 11212

LOT 222
DP 750934

LOT 254
DP 722258

LOT 151
DP 1011943

← TOWARDS MERRIWA



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DATE:	REVISION:	DESCRIPTION:
24.01.2023	0	CLIENT REVIEW

PROJECT:
RINGWOOD ROAD UPGRADE

DRAWING TITLE:
Proposed Alignment

ISSUE STATUS:
CONCEPTUAL DESIGN CLIENT REVIEW

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JOB No: 22Q3J3	COORDINATE SYSTEM: MGA ZONE 56 GDA 2020
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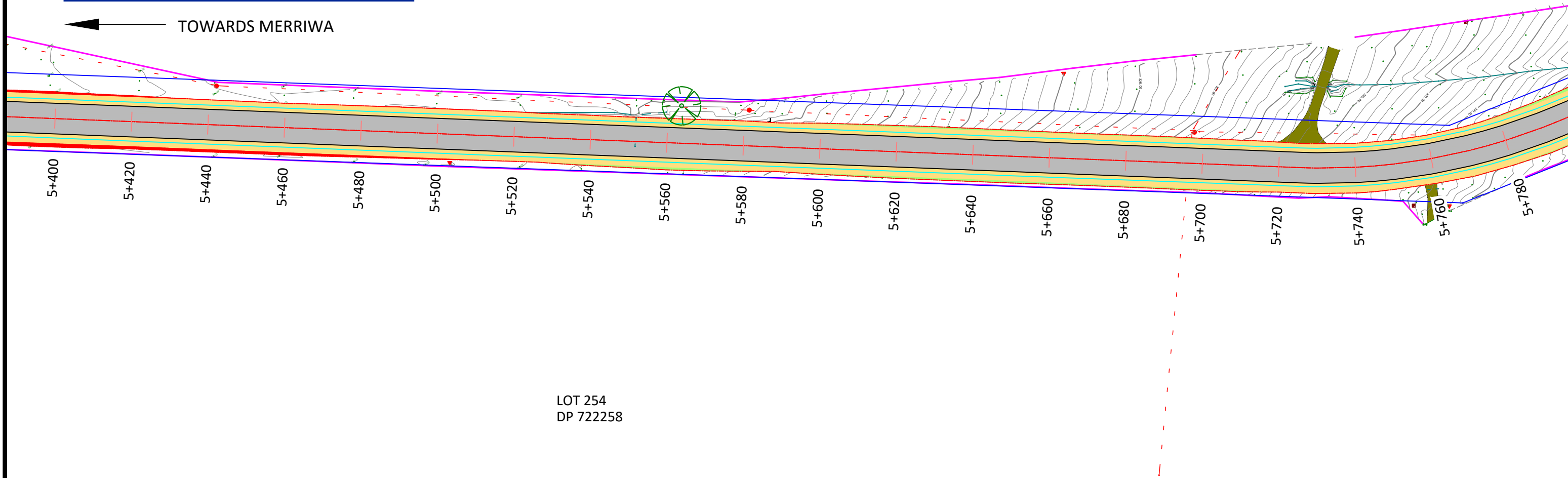
LEGEND



	CADASTRAL BOUNDARY (DCDB)
	FENCE LINE
	FOG LINE
	CENTRELINE OF ROAD
	EDGE OF BITUMEN
	EDGE OF UNSEALED SHOULDER
	STORMWATER PIPE
	SURVEY CONTROL POINT
	DENOTES TREE
	DENOTES CUT AND FILL

LOT 22
DP 750934

← TOWARDS MERRIWA



LOT 254
DP 722258



DATE:	REVISION:	DESCRIPTION:
24.01.2023	0	CLIENT REVIEW

PROJECT:
RINGWOOD ROAD UPGRADE



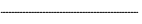

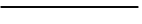





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Proposed Alignment

ISSUE STATUS:
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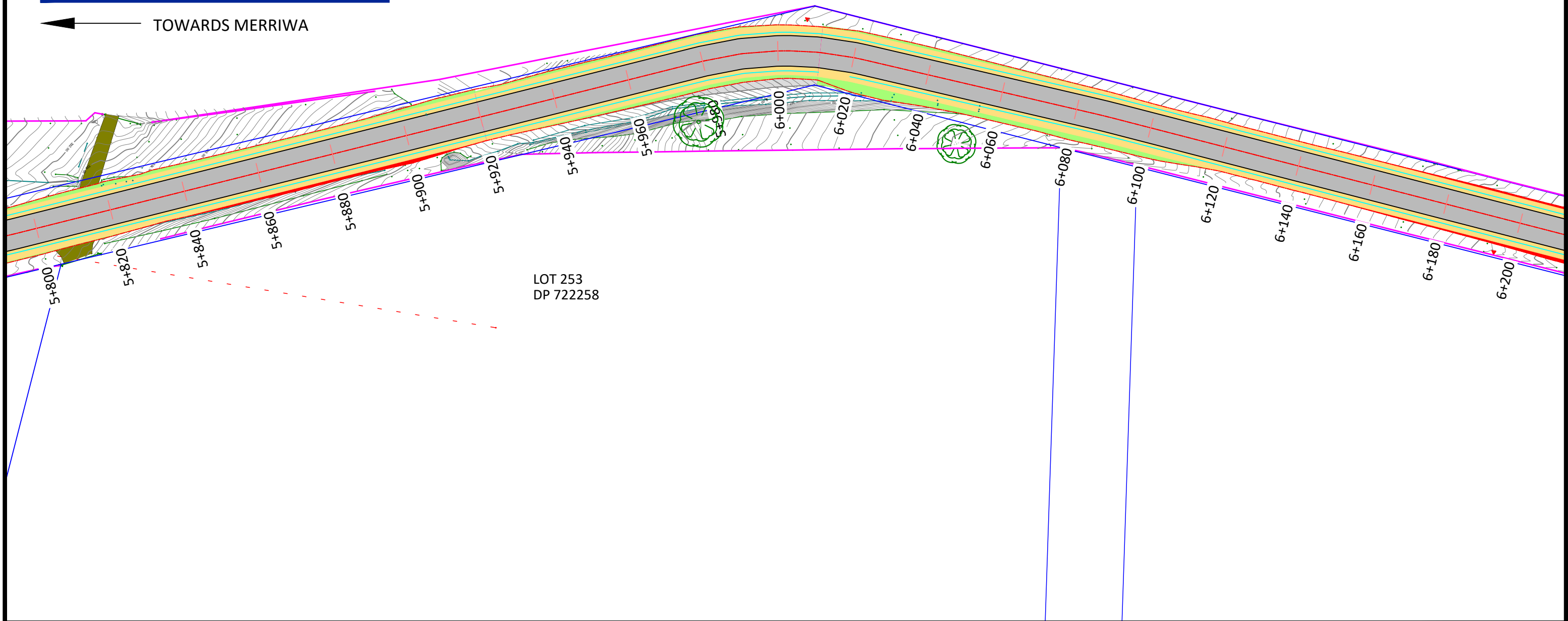
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-  CADASTRAL BOUNDARY (DCDB)
-  FENCE LINE
-  FOG LINE
-  CENTRELINE OF ROAD
-  EDGE OF BITUMEN
-  EDGE OF UNSEALED SHOULDER
-  STORMWATER PIPE
-  SURVEY CONTROL POINT
-  DENOTES TREE
-  DENOTES CUT AND FILL



LOT 222
DP 750934

← TOWARDS MERRIWA



LOT 253
DP 722258



CLIENT:
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DATE:	REVISION:	DESCRIPTION:
24.01.2023	0	CLIENT REVIEW

PROJECT:
RINGWOOD ROAD UPGRADE

DRAWING TITLE:
Proposed Alignment

ISSUE STATUS:
CONCEPTUAL DESIGN CLIENT REVIEW

SCALE: 1:1000
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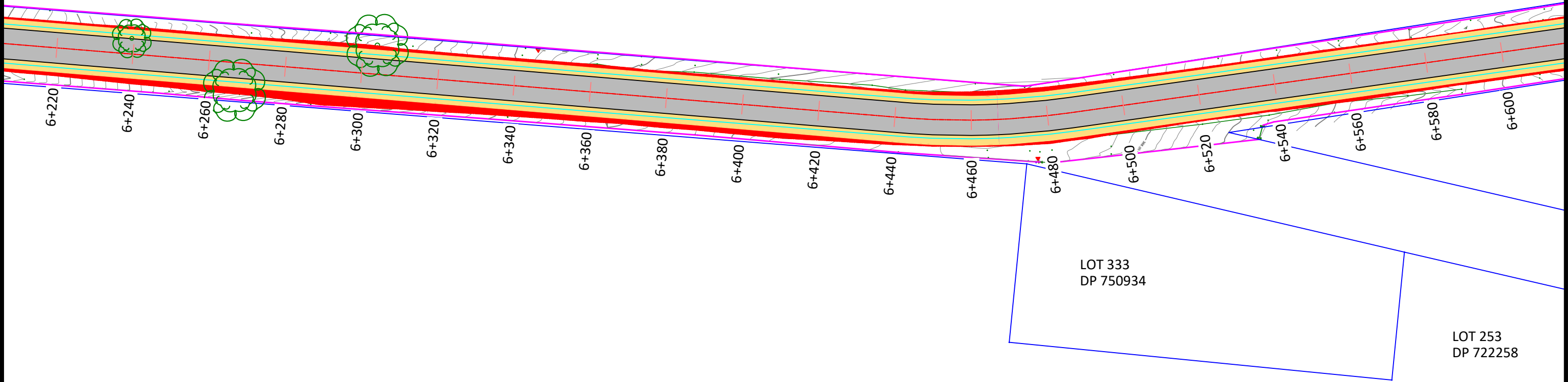
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- CADASTRAL BOUNDARY (DCDB)
- FENCE LINE
- FOG LINE
- CENTRELINE OF ROAD
- EDGE OF BITUMEN
- EDGE OF UNSEALED SHOULDER
- STORMWATER PIPE
- SURVEY CONTROL POINT
- DENOTES TREE
- DENOTES CUT AND FILL

LOT222
DP 750934

← TOWARDS MERRIWA



CLIENT:
lightsource bp

DATE:	REVISION:	DESCRIPTION:
24.01.2023	0	CLIENT REVIEW

PROJECT:
RINGWOOD ROAD UPGRADE





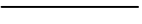





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Proposed Alignment

ISSUE STATUS:
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SURVEYED:
RAP SURVEYING

LEGEND

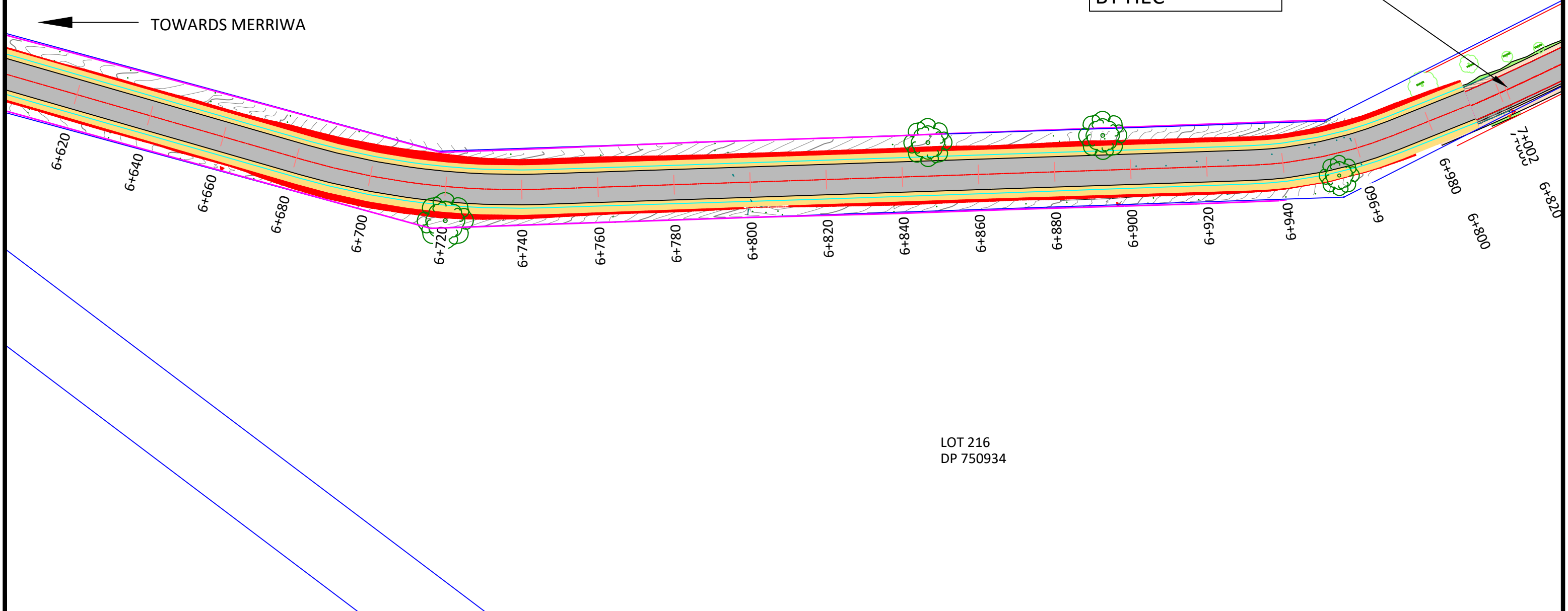
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-  FENCE LINE
-  FOG LINE
-  CENTRELINE OF ROAD
-  EDGE OF BITUMEN
-  EDGE OF UNSEALED SHOULDER
-  STORMWATER PIPE
-  SURVEY CONTROL POINT
-  DENOTES TREE
-  DENOTES CUT AND FILL



LOT 222
DP 750934

TIE INTO EXISTING
CONSTRUCTED
ROAD. DESIGNED
BY HEC

← TOWARDS MERRIWA



LOT 216
DP 750934



CLIENT:
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DATE:	REVISION:	DESCRIPTION:
24.01.2023	0	CLIENT REVIEW

PROJECT:
RINGWOOD ROAD UPGRADE

DRAWING TITLE:
Proposed Alignment

ISSUE STATUS:
CONCEPTUAL DESIGN CLIENT REVIEW

SCALE:
1:1000

DWG No: HEC22_
JOB No: 22Q3J3

COORDINATE SYSTEM:
MGA ZONE 56 GDA 2020

DATUM: AHD

SURVEYED:
RAP SURVEYING











DESIGNED:
RS

DRAWN:
RJ

SHEET:
5

REV:
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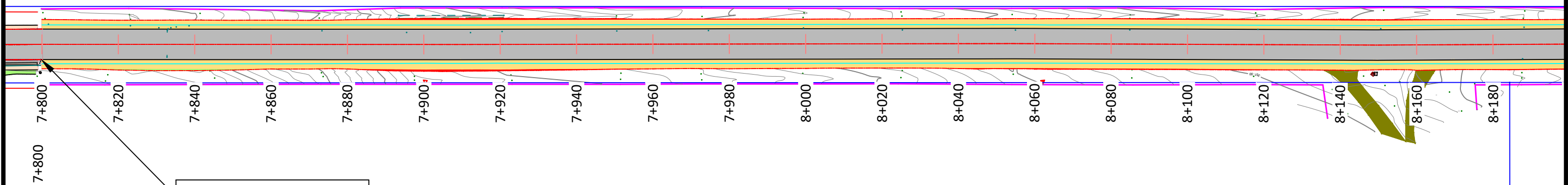
LEGEND

-  CADASTRAL BOUNDARY (DCDB)
-  FENCE LINE
-  FOG LINE
-  CENTRELINE OF ROAD
-  EDGE OF BITUMEN
-  EDGE OF UNSEALED SHOULDER
-  STORMWATER PIPE
-  SURVEY CONTROL POINT
-  DENOTES TREE
-  DENOTES CUT AND FILL

LOT 246
DP 750934

LOT 217
DP 750934

← TOWARDS MERRIWA



TIE INTO EXISTING
CONSTRUCTED
ROAD. DESIGNED
BY HEC



DATE:	REVISION:	DESCRIPTION:
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PROJECT:
RINGWOOD ROAD UPGRADE











DRAWING TITLE:
Proposed Alignment

ISSUE STATUS:
CONCEPTUAL DESIGN CLIENT REVIEW

SCALE: 1:1000
DWG No: HEC22_
JOB No: 22Q3J3
COORDINATE SYSTEM: MGA ZONE 56 GDA 2020
DATUM: AHD

SURVEYED: RAP SURVEYING	
DESIGNED: RS	DRAWN: RJ
SHEET: 6	REV: 0

LEGEND

	CADASTRAL BOUNDARY (DCDB)
	FENCE LINE
	FOG LINE
	CENTRELINE OF ROAD
	EDGE OF BITUMEN
	EDGE OF UNSEALED SHOULDER
	STORMWATER PIPE
	SURVEY CONTROL POINT
	DENOTES TREE
	DENOTES CUT AND FILL



← TOWARDS MERRIWA

LOT 222
DP 750934

LOT 223
DP 750934

LOT 237
DP 750934

LOT 217
DP 750934

8+200 8+220 8+240 8+260 8+280 8+300 8+320 8+340 8+360 8+380 8+400 8+420 8+440 8+460 8+480 8+500 8+520 8+540 8+560 8+580



DATE:	REVISION:	DESCRIPTION:
24.01.2023	0	CLIENT REVIEW

PROJECT:
RINGWOOD ROAD UPGRADE

DRAWING TITLE:
Proposed Alignment

ISSUE STATUS:
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SCALE:
1:1000

DWG No: HEC22_
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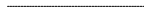







COORDINATE SYSTEM: MGA ZONE 56 GDA 2020
DATUM: AHD

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RAP SURVEYING

DESIGNED: RS
DRAWN: RJ

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LEGEND

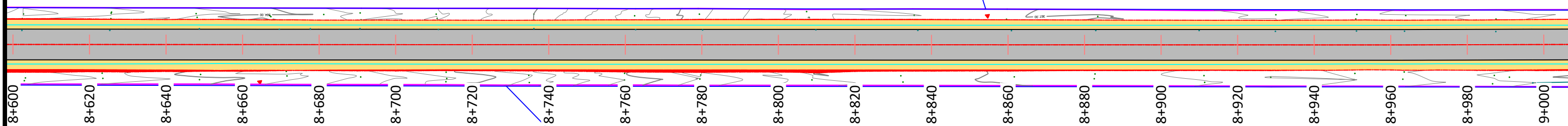
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-  FENCE LINE
-  FOG LINE
-  CENTRELINE OF ROAD
-  EDGE OF BITUMEN
-  EDGE OF UNSEALED SHOULDER
-  STORMWATER PIPE
-  SURVEY CONTROL POINT
-  DENOTES TREE
-  DENOTES CUT AND FILL



LOT 223
DP 750934

LOT 224
DP 750934

← TOWARDS MERRIWA



LOT 217
DP 750934

LOT 220
DP 750934



DATE:	REVISION:	DESCRIPTION:
24.01.2023	0	CLIENT REVIEW

PROJECT:
RINGWOOD ROAD UPGRADE

DRAWING TITLE:
Proposed Alignment

ISSUE STATUS:
CONCEPTUAL DESIGN CLIENT REVIEW

SCALE: 1:1000
DWG No: HEC22_
JOB No: 22Q3J3
COORDINATE SYSTEM: MGA ZONE 56 GDA 2020
DATUM: AHD

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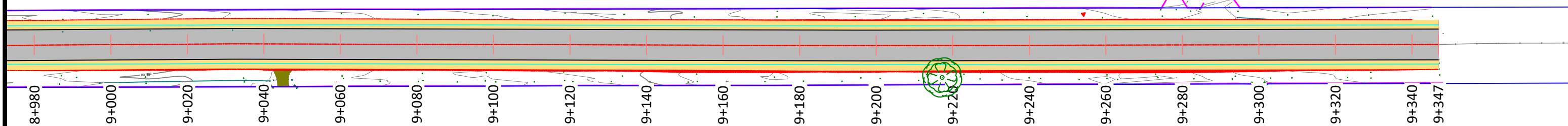
LEGEND



	CADASTRAL BOUNDARY (DCDB)
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	FOG LINE
	CENTRELINE OF ROAD
	EDGE OF BITUMEN
	EDGE OF UNSEALED SHOULDER
	STORMWATER PIPE
	SURVEY CONTROL POINT
	DENOTES TREE
	DENOTES CUT AND FILL

LOT 224
DP 750934

← TOWARDS MERRIWA



LOT 220
DP 750934



DATE:	REVISION:	DESCRIPTION:
24.01.2023	0	CLIENT REVIEW

PROJECT:
RINGWOOD ROAD UPGRADE

DRAWING TITLE:
Proposed Alignment

ISSUE STATUS:
CONCEPTUAL DESIGN CLIENT REVIEW

SCALE: 1:1000
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JOB No: 22Q3J3
COORDINATE SYSTEM: MGA ZONE 56 GDA 2020
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