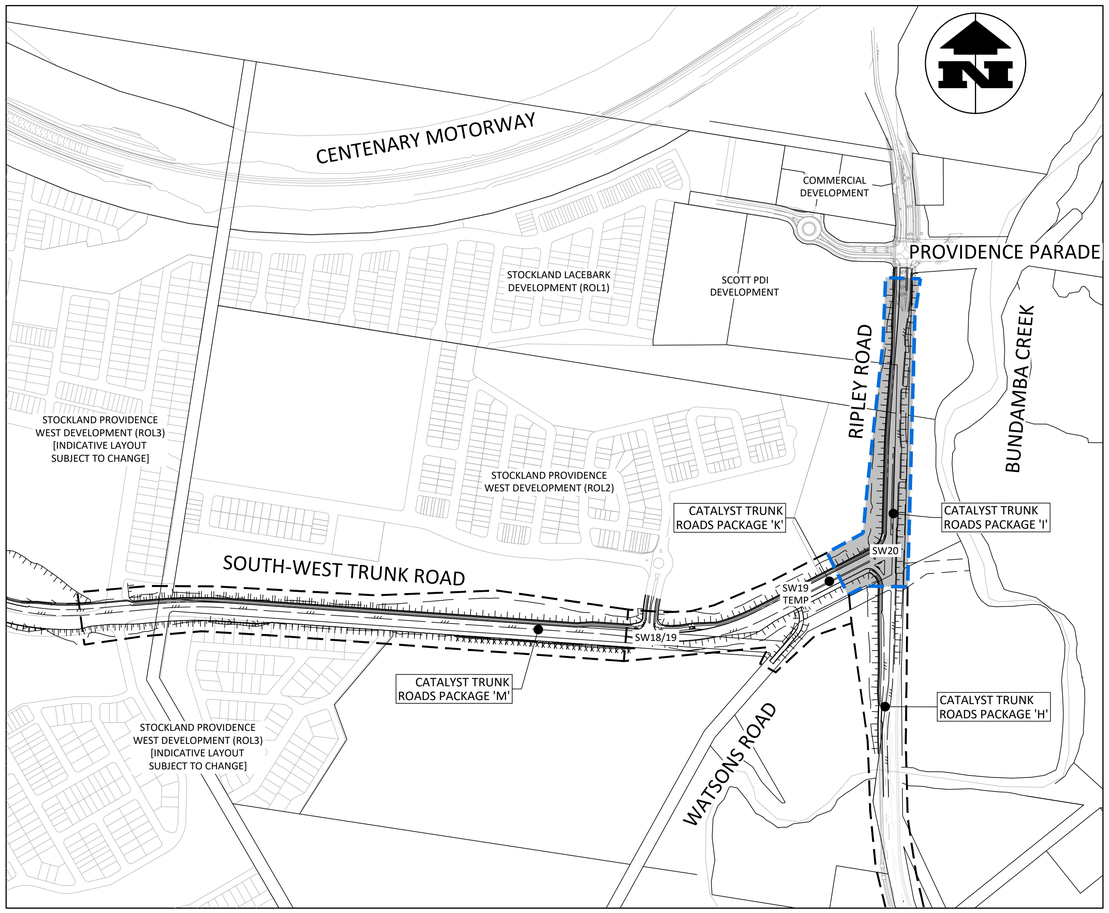
RIPLEY CATALYST SOUTH TRUNK ROADS
FUNCTIONAL DESIGN
PACKAGE I - INTERIM
SOUTH RIPLEY, QUEENSLAND 4306



LOCALITY PLAN
N.T.S

DRAWING LIST

SOUTH-EAST TRUNK ROAD INTERIM - PACKAGE I: INTERIM FUNCTIONAL LAYOUT PLANS	
FL3001	INTERIM DESIGN COVER SHEET, DRAWING LIST, AND GENERAL NOTES
FL3002	INTERIM DESIGN SIGNS AND LINEMARKING NOTES AND DETAILS
FL3003	INTERIM DESIGN FUNCTIONAL LAYOUT KEY PLAN
FL3010	INTERIM DESIGN FUNCTIONAL LAYOUT DETAILED LAYOUT SHEET 1
FL3011	INTERIM DESIGN FUNCTIONAL LAYOUT DETAILED LAYOUT SHEET 2
FL3012	INTERIM DESIGN FUNCTIONAL LAYOUT DETAILED LAYOUT SHEET 3
FL3020	EARTHWORKS LAYOUT SHEET 1
FL3021	EARTHWORKS LAYOUT SHEET 2
FL3022	EARTHWORKS LAYOUT SHEET 3
FL3030	LAND DEDICATION PLAN
FL3040	TYPICAL SECTIONS SHEET 1
FL3041	TYPICAL SECTIONS SHEET 2
FL3050	ROADWORKS LONGINTUDINAL SECTIONS SHEET 1
FL3051	ROADWORKS LONGINTUDINAL SECTIONS SHEET 2
FL3060	TURN TEMPLATES LAYOUT

NOTES

1.CROSS REFERENCES
REFER TO THE FOLLOWING SUPPORTING INFORMATION FOR PROJECT SPECIFIC REQUIREMENTS

A. DETAILED SURVEY - PREPARED BY RPS CONSULTING DATED 10/01/2025 (REF: PR116052-567)
B. FLOOD REPORT - PREPARED BY WATER ENGINEERING PARTNERS DATED 08/09/2025 (REF: 30024.002.01)
C. TRAFFIC ASSESSMENT - PREPARED BY SLR CONSULTING DATED 30/09/2025 (REF: 620.30351.01900)

2.EARTHWORKS DESIGN BASIS
THE BULK EARTHWORKS DESIGN HAS BEEN BASED UPON THE FOLLOWING

A. TOP OF THE PROVISIONAL SUBGRADE LAYER SHOWN ON THE PRELIMINARY PAVEMENT DESIGN. EARTHWORKS LEVELS TO BE ADJUSTED ON SITE BASED ON THE FINAL PAVEMENT DESIGN (TO BE CONFIRMED BY SUBGRADE TESTING ON SITE - REFER ROADWORKS NOTES)
B. FINISHED SURFACE LEVELS IN ALL OTHER AREAS (TOP OF FOOTPATHS, TOP OF LANDSCAPING AREAS, TOP OF TOPSOILED AREAS, EXPOSED FACE OF RETAINING WALLS ETC)

THE BULK EARTHWORKS DESIGN AND LEVELS ARE A GUIDE ONLY AND EXCLUDE

C. BOX OUT FOR TOPSOILED AREAS (FINISHED SURFACE SHOWN)
D. DETAILED EXCAVATION (FOOTINGS, TRENCHING, SLAB SET DOWNS, LANDSCAPE AREAS, DEEP PLANTING, ETC)
E. TEMPORARY WORKS (TEMPORARY BATTERS, WORKING PLATFORMS, RAMPS, RETAINING WALL EXCAVATIONS ETC)
F. INTERFACE BETWEEN CUT / FILL AREAS; BATTERS FOR SITE REPLACEMENT MATERIAL

3.GENERAL NOTES

A. THE FUTURE LOT LAYOUTS OF THE SURROUNDING DEVELOPMENTS SHOWN ON THESE PLANS ARE INDICATIVE ONLY AND ARE SUBJECT TO SEPARATE APPROVALS.
B. PROPOSED ROAD EMBANKMENT BATTER SLOPES ARE SUBJECT TO FUTURE DESIGN PHASES AND ASSESSMENT BY A GEOTECHNICAL ENGINEER AS PART OF DETAILED DESIGN.

THIS DRAWING IS BEST VIEWED IN COLOUR AND ON AN ELECTRONIC DEVICE

STATUS
FOR APPROVAL

SCAN QR CODE TO CONFIRM CURRENT DRAWING REVISION
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D	08.10.25	PRELIMINARY FOR CO-ORDINATION	SG	SG	NR	
C	30.05.25	ALIGNMENT MODIFIED AND PACKAGE NAMING	AR	MB	SG	

ASSOCIATED CONSULTANTS

APPROVED — 7729 RPEQ — DATE 14/11/25
CHECKED — DATE 14/11/25

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CLIENT: STOCKLAND DEVELOPMENT PTY LTD — Stockland
PROJECT: RIPLEY CATALYST FUNDING SOUTH-EAST TRUNK ROAD - PACKAGE I
SUBJECT: INTERIM DESIGN COVER SHEET, DRAWING LIST, AND GENERAL NOTES
PROJECT No. 22250
DRAWING No. FL3001
REVISION G

0 10 20 30 40 50 100
ORIGINAL SIZE A1

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SIGNS AND LINE MARKING NOTES

1. CROSS REFERENCES

NIL

2. DESIGN BASIS

THE SIGNS AND LINE MARKING DESIGN HAS BEEN BASED UPON THE FOLLOWING:

A. THE QUEENSLAND GOVERNMENT, QUEENSLAND MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (Q-MUTCD) AND THE AUSTROADS GUIDE TO ROAD DESIGN.

B. THE SIGN AND LINE MARKING POSITIONING ON THE PROJECT DRAWINGS PROVIDE THE GENERAL DESIGN INTENT, WITH CRITICAL DIMENSIONS SHOWN. FOR DISPLAY PURPOSES HOWEVER, SOME ELEMENTS ARE LARGELY DIAGRAMMATIC.

3. SITE MANAGEMENT

THE CONTRACTOR IS TO:

A. INSTALL THE SIGNS AND LINE MARKING IN ACCORDANCE WITH Q-MUTCD AND THE SPECIFICATIONS, TO ACHIEVE THE GENERAL DESIGN INTENT OF THE PROJECT DRAWINGS.

4. MATERIALS

ALL ITEMS:

A. REFER TO THE SPECIFICATIONS & STANDARD DRAWINGS LISTED.

SIGNS:

B. ALL SIGNS ARE TO BE REFLECTORISED AS PER PART 1 OF THE Q-MUTCD.

C. POSTS AND HARDWARE TO LOCAL AUTHORITY REQUIREMENTS.

LINE MARKING:

D. CHLORINATED RUBBER MODIFIED ALKYD BASED PAVEMENT MARKING PAINT IS TO BE USED FOR ALL CONCRETE SURFACES.

E. ALL MARKINGS ARE TO BE INSTALLED WITH A HIGH SKID RESISTANCE MATERIAL.

GUIDE POSTS:

RETROREFLECTIVE RAISED PAVEMENT MARKERS (RRPM):

F. REFER TO THE SPECIFICATIONS.

SERVICE MARKERS:

G. REFER TO THE SEQ CODE AND SPECIFICATIONS.

5. EXECUTION

ALL ITEMS:

A. REFER TO THE SPECIFICATIONS & STANDARD DRAWINGS LISTED.

SIGNS:

B. MINIMUM CLEARANCES TO THE EDGE OF SIGN

- UNKERBED ROADS
  - 600mm FROM OUTER EDGE OF SHOULDER
  - 600mm FROM LINE OF GUIDE POSTS
  - 600mm FROM FACE OF GUARD RAIL
- KERBED ROADS
  - 300mm FROM FACE OF KERB ON UPRIGHT KERBS ON THE ROAD EDGE
  - 500mm FROM FACE OF KERB WHERE MOUNTABLE OR SEMI MOUNTABLE KERBS ARE USED, AND ON TRAFFIC ISLANDS
- BIKE PATHS / JOINT USE PATHS
  - 600mm FROM EDGE OF PATH

C. MOUNTING HEIGHT

- GENERALLY AS PER Q-MUTCD PART 1, CL1.12.3.4, 1.12.3.5 UNLESS MODIFIED BY THE SPECIFICATION OR STANDARD DRAWING.
- CHEVRON ALIGNMENT MARKERS - MAX 1.2m TO UNDERSIDE OF SIGN.
- KEEP LEFT SIGNS - 525mm ABOVE ISLAND OR FOOTPATH SURFACE, UNLESS MODIFIED BY THE SPECIFICATION OR STANDARD DRAWING.
- HAZARD MARKERS - 525mm ABOVE ISLAND OR FOOTPATH SURFACE, UNLESS MODIFIED BY THE SPECIFICATION OR STANDARD DRAWING

LINE MARKING:

D. INSTALL PRODUCTS AS PER THE MANUFACTURERS REQUIREMENTS, INCLUDING SURFACE PREPARATION.

E. REMOVE REDUNDANT LINE MARKING ONLY BY ABRASIVE BLASTING (INCLUDING WATER BLASTING) OR BY COLD PLANNING OR GRINDING.

GUIDE POSTS:

F. INSTALL 1.2m FROM EDGE OF BITUMEN

RETROREFLECTIVE RAISED PAVEMENT MARKERS (RRPM):

G. INSTALL ION ACCORDANCE WITH THE Q-MUTCD PART 5.6 AND AS1906.3 EXCEPT NOTED AS FOLLOWS:

- EDGE LINES - NOT REQUIRED
- CONTINUITY LINES - NOT REQUIRED

H. NORMAL SPACING 'N' BETWEEN RRPM'S TO BE AS PER Q-MUTCD TABLE 5.5. FOR MARKERS ON OUTLINES OF PAINTED MEDIAN STRIPS AND SEPARATORS, ADOPT PREFERRED DIMENSION, 'N', AS 6.0m.

SERVICE MARKERS:

I. FOR NEW AND EXISTING WATER, INSTALL ROAD PAVEMENT, KERB MARKERS AND IDENTIFICATION MARKER POSTS AS PER SEQ CODE STANDARD DRAWING SEQ-WAT-1300-1.

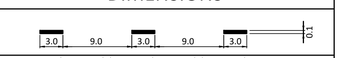
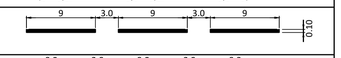
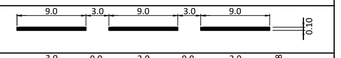
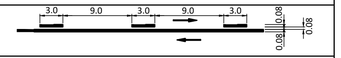
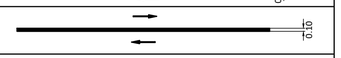
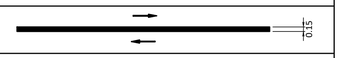
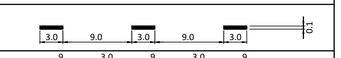
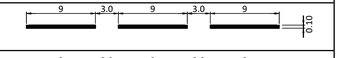
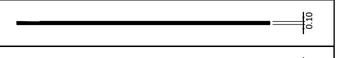
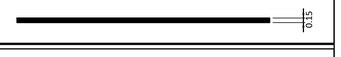
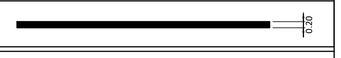
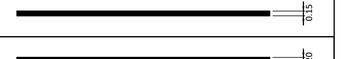
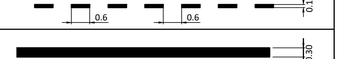
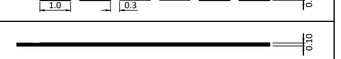
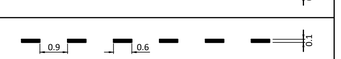
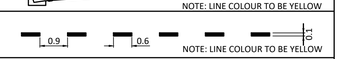
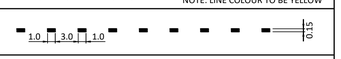
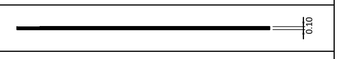
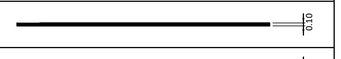
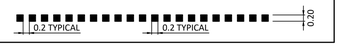
J. WHERE EXISTING MARKERS ARE DISTURBED AS A RESULT OF THE WORKS, REINSTATE AS PER THE ABOVE STANDARD DRAWINGS.

PAVEMENT

PROPOSED

- CONCRETE ISLANDS
- PROPOSED ROAD
- PROPOSED 2.5m WIDE TWO-WAY BIKE WAY
- PROPOSED 1.5m WIDE FOOTPATH
- PROPOSED SHARED PATHWAY

LINEMARKING LEGEND

TYPE	DESCRIPTION	DIMENSIONS
DL1	SINGLE BROKEN DIVIDING LINE	
DL2	SINGLE BROKEN DIVIDING LINE (SPECIAL PURPOSE)	
DL3	SINGLE BROKEN DIVIDING LINE (SPECIAL PURPOSE)	
BL1	DOUBLE ONE -WAY BARRIER LINE	
BL2	DOUBLE TWO -WAY BARRIER LINE	
BL3	SINGLE TWO -WAY BARRIER LINE	
BL4	SINGLE TWO -WAY BARRIER LINE	
LL1	SINGLE BROKEN LANE LINE	
LL2	SINGLE BROKEN LANE LINE (SPECIAL PURPOSE)	
LL3	SINGLE BROKEN LANE LINE (SPECIAL PURPOSE)	
LL4	SINGLE CONTINUOUS LANE LINE	
EL1	EDGE LINE	
EL2	EDGE LINE (MAY BE USED ON EXPRESS WAY TYPE ROADS)	
CL1	CONTINUITY LINE	
CL2	CONTINUITY LINE (MAY BE USED ON EXPRESS WAY TYPE ROADS)	
CL3	CONTINUITY LINE	
OL1	OUTLINE MARKING	
OL2	OUTLINE MARKING (MAY BE USED ON EXPRESS WAY TYPE ROADS)	
TL	TURN LINE	
SL	STOP LINE	
GWL	GIVE WAY LINE	
PL	PEDESTRIAN GUIDE LINE	
PS1	CONTINUOUS LINE - PARKING SPACE	
PS2	BROKEN LINE - PARKING SPACE (SPECIAL PURPOSE)	
NS1	CONTINUOUS LINE - NO STOPPING	
NS2	BROKEN LINE - ZONE (SPECIAL PURPOSE)	
DLP	SINGLE BROKEN DIVIDING LINE - PATH	
BLP	SINGLE TWO -WAY BARRIER LINE - PATH	
ELP	EDGE LINE - PATH	
SLP	STOP LINE - PATH	
GWP	GIVE WAY LINE - PATH	

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STATUS

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F	14.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR
E	06.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR
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C	30.05.25	ALIGNMENT MODIFIED AND PACKAGE NAMING	AR	MB	SG	
B	17.07.24	FUNCTIONAL LAYOUT ISSUE	AR	SG	NR	

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CLIENT
STOCKLAND DEVELOPMENT PTY LTD
Stockland

PROJECT
RIPLEY CATALYST FUNDING SOUTH-EAST TRUNK ROAD - PACKAGE I

SUBJECT
INTERIM DESIGN SIGNS AND LINEMARKING NOTES AND DETAILS

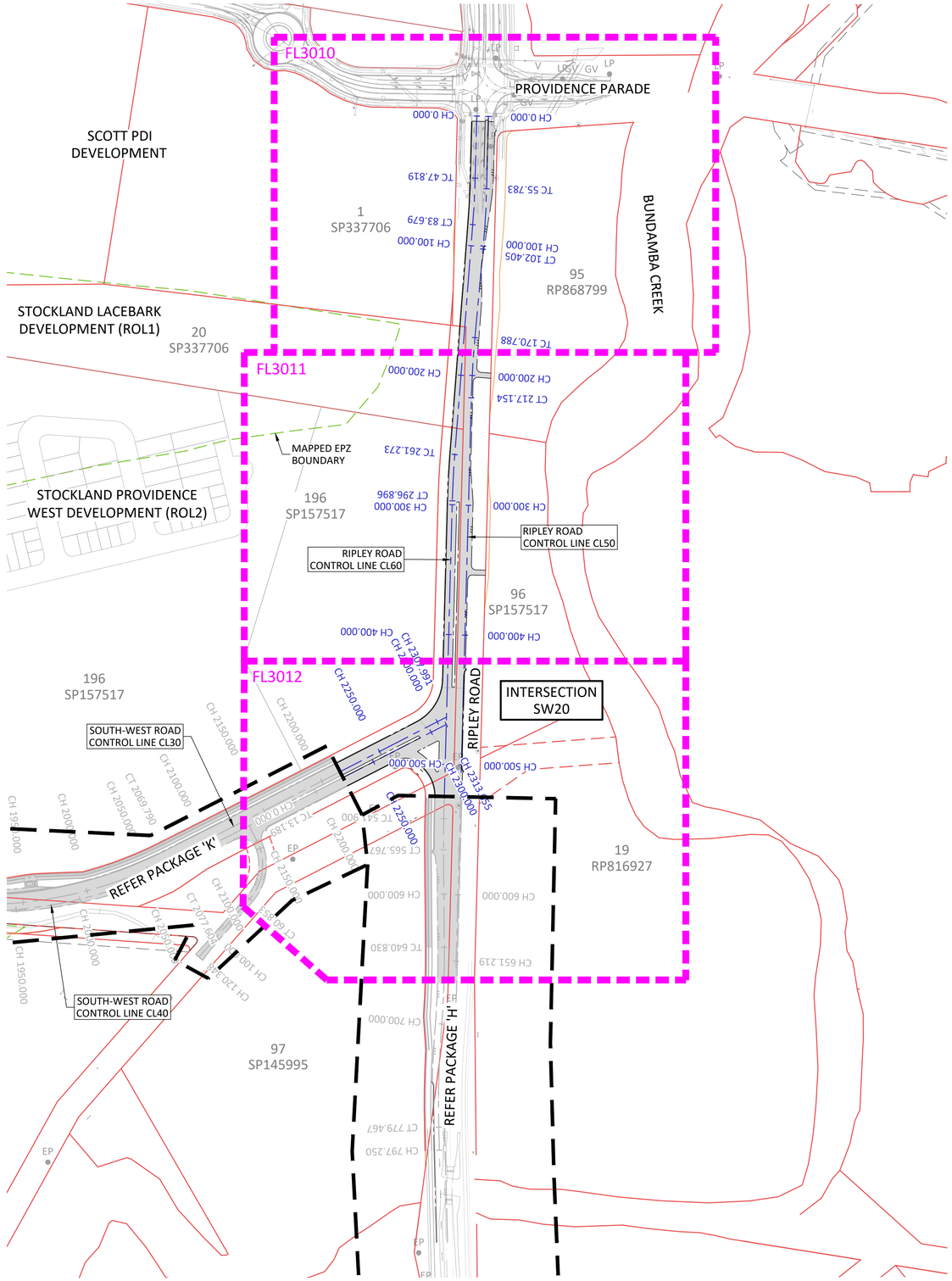
PROJECT No. 22250
DRAWING No. FL3002
REVISION F

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ORIGINAL SIZE A1

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PLAN
SCALE: 1:2000

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PROJECT NORTH

DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES — A1 UNREDUCED, A3 REDUCED

SCALES — UNREDUCED / REDUCED

0 20 40 60 80 100m — 1 : 2000 / 1 : 4000

STATUS

FOR APPROVAL

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ASSOCIATED CONSULTANTS

APPROVED — 7729 RPEQ — DATE 14/11/25

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CLIENT: STOCKLAND DEVELOPMENT PTY LTD — Stockland

PROJECT: RIPLEY CATALYST FUNDING SOUTH-EAST TRUNK ROAD - PACKAGE I

SUBJECT: INTERIM DESIGN FUNCTIONAL LAYOUT KEY PLAN

PROJECT No. 22250

DRAWING No. FL3003 — REVISION G

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ORIGINAL SIZE A1

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SCOTT PDI COMMERCIAL DEVELOPMENT

PROVIDENCE PARADE

SCOTT PDI DEVELOPMENT

1
SP337706

20
SP337706

95
RP868799

95
RP868799

BUNDAMBA CREEK

RIPLEY ROAD

RIPLEY ROAD
CONTROL LINE CL60

RIPLEY ROAD
CONTROL LINE CL50

STOCKLAND LACEBARK DEVELOPMENT (ROL1)

MAPPED EPZ BOUNDARY

1
FL3040

2
FL3040

3
FL3040

CH 0.000

CH 100.000

TC 47.819

CT 83.679

CT 102.405

TC 55.783

TC 170.788

3.500
1.000
4.000
3.500
3.000
2.500
1.000
4.000
7.000
3.500
3.500

EXISTING CULVERTS TO BE REPLACED WITH NEW 11 CELL 3.3m x 1.5m RCBC
REFER CULVERT '1' IN WEP FLOOD REPORT FOR DETAILS.
CULVERT TO COMPLY WITH WATERWAY BARRIER WORKS REQUIREMENTS AS PART OF FUTURE DESIGN PHASES - REFER PACKAGE 'I' WATERWAY BARRIER WORKS MEMO PREPARED BY FISHOLOGY CONSULTING.

JOINS DRG FL3011

PLAN
SCALE 1:500

LOCALITY PLAN
N.T.S

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PROJECT NORTH

DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES — A1 UNREDUCED, A3 REDUCED

SCALES — UNREDUCED / REDUCED

0 5 10 15 20 25m
1 : 500 / 1 : 1000

STATUS

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ASSOCIATED CONSULTANTS

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CLIENT: STOCKLAND DEVELOPMENT PTY LTD — Stockland

PROJECT: RIPLEY CATALYST FUNDING SOUTH-EAST TRUNK ROAD - PACKAGE I

SUBJECT: INTERIM DESIGN FUNCTIONAL LAYOUT DETAILED LAYOUT SHEET 1

PROJECT No. 22250

DRAWING No. FL3010

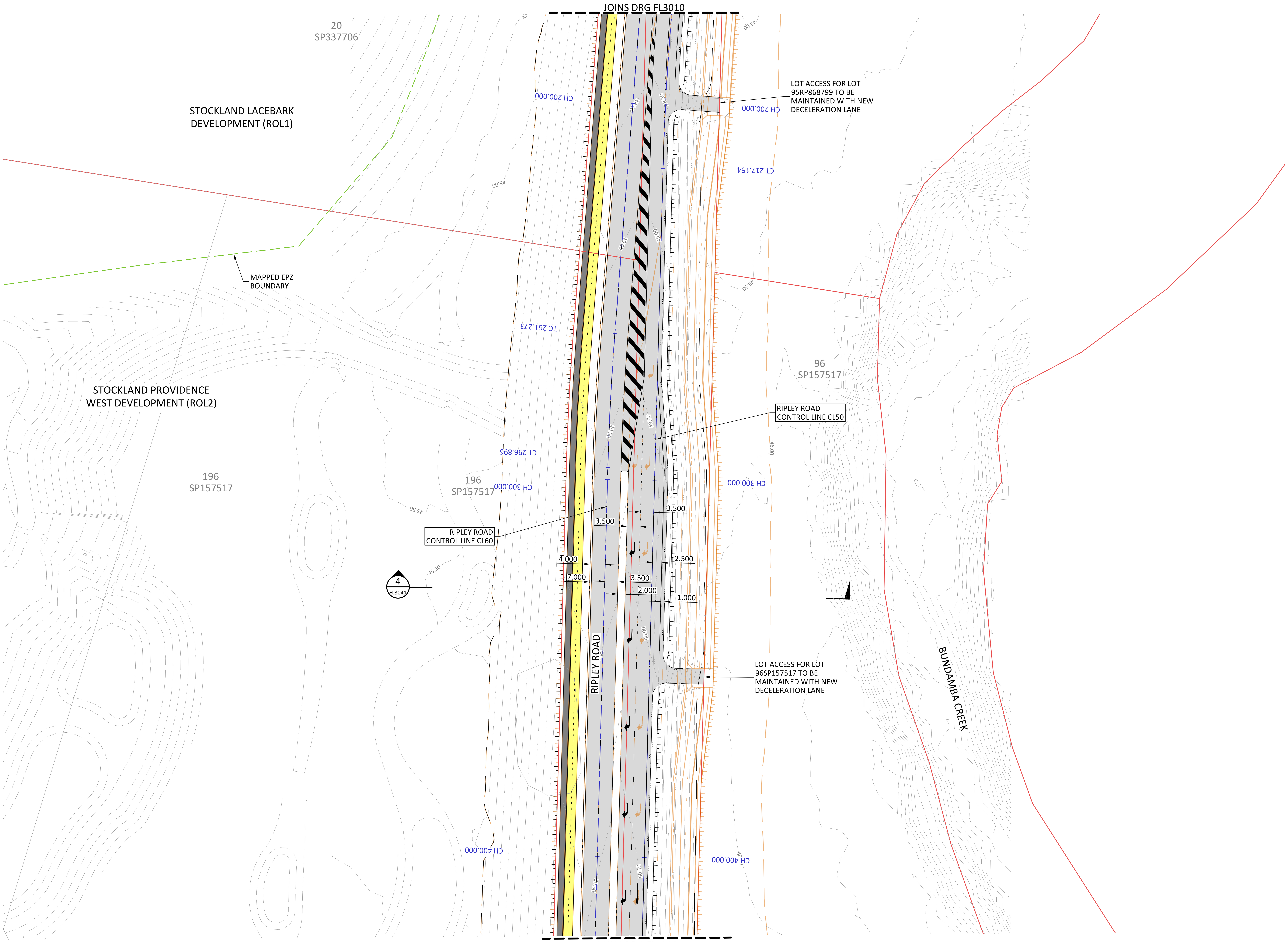
REVISION G

0 10 20 30 40 50 100

ORIGINAL SIZE A1

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PLAN

SCALE 1:500



LOCALITY PLAN

N.T.S

THIS DRAWING IS BEST VIEWED IN COLOUR AND ON AN ELECTRONIC DEVICE

PROJECT NORTH

DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES

A1 UNREDUCED

A3 REDUCED

SCALES — UNREDUCED / REDUCED

0 5 10 15 20 25m — 1 : 500 / 1 : 1000

STATUS

FOR APPROVAL

SCAN QR CODE TO CONFIRM CURRENT DRAWING REVISION

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F	14.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR
E	06.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR
D	08.10.25	PRELIMINARY FOR CO-ORDINATION	SG	SG	NR	
C	30.05.25	ALIGNMENT MODIFIED AND PACKAGE NAMING	AR	MB	SG	

ASSOCIATED CONSULTANTS

APPROVED — M. Kozis — 7729 RPEQ — DATE 14/11/25

CHECKED — M. Kozis — DATE 14/11/25

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CLIENT

STOCKLAND DEVELOPMENT PTY LTD

Stockland

PROJECT

RIPLEY CATALYST FUNDING SOUTH-EAST TRUNK ROAD - PACKAGE I

SUBJECT

INTERIM DESIGN FUNCTIONAL LAYOUT DETAILED LAYOUT SHEET 2

PROJECT No. 22250

DRAWING No. FL3011

REVISION G

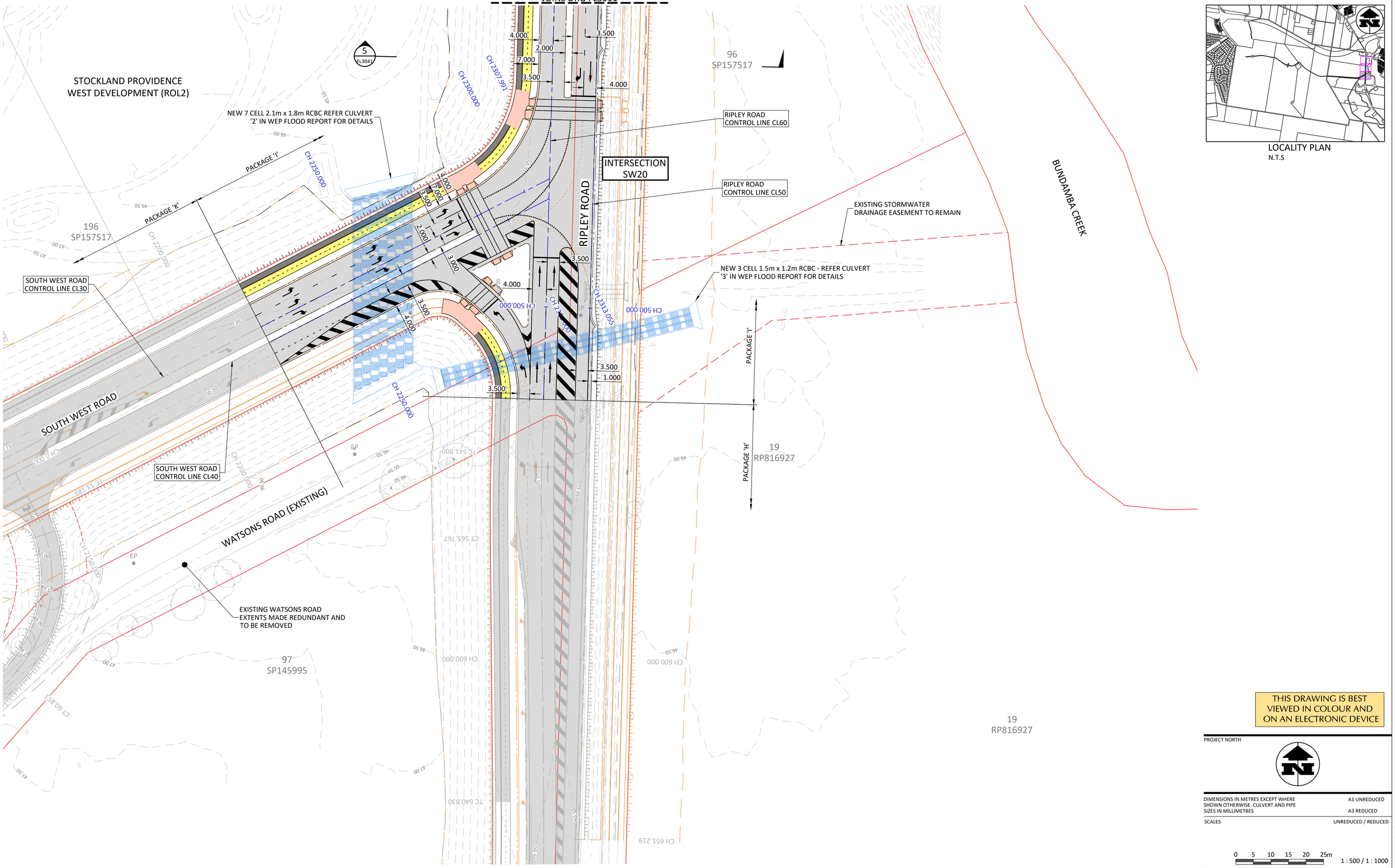
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ORIGINAL SIZE A1

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PLAN
SCALE 1:500

LOCALITY PLAN
N.T.S

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PROJECT NORTH

DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES — A1 UNREDUCED, A3 REDUCED

SCALES — UNREDUCED / REDUCED

0 5 10 15 20 25m — 1 : 500 / 1 : 1000

STATUS
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F	14.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR
E	06.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR
D	08.10.25	PRELIMINARY FOR CO-ORDINATION	SG	SG	NR	
C	30.05.25	ALIGNMENT MODIFIED AND PACKAGE NAMING	AR	MB	SG	

ASSOCIATED CONSULTANTS

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CLIENT: STOCKLAND DEVELOPMENT PTY LTD — Stockland

PROJECT: RIPLEY CATALYST FUNDING SOUTH-EAST TRUNK ROAD - PACKAGE I

SUBJECT: INTERIM DESIGN FUNCTIONAL LAYOUT DETAILED LAYOUT SHEET 3

PROJECT No. 22250

DRAWING No. FL3012 — REVISION G

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LOCALITY PLAN
N.T.S

SCOTT PDI COMMERCIAL DEVELOPMENT

PROVIDENCE PARADE

SCOTT PDI DEVELOPMENT

RIPLEY ROAD

BUNDAMBA CREEK

1
SP337706

95
RP868799

20
SP337706

RIPLEY ROAD CONTROL LINE CL60

RIPLEY ROAD CONTROL LINE CL50

MAPPED EPZ BOUNDARY

STOCKLAND LACEBARK DEVELOPMENT (ROL1)

JOINS DRG FL3021

PLAN
SCALE 1:500

CUT/FILL DEPTH RANGE

LOWER		UPPER		COLOUR
-20	to	-14	m	
-14	to	-13	m	
-13	to	-12	m	
-12	to	-11	m	
-11	to	-10	m	
-10	to	-9	m	
-9	to	-8	m	
-8	to	-7	m	
-7	to	-6	m	
-6	to	-5	m	
-5	to	-4	m	
-4	to	-3	m	
-3	to	-2	m	
-2	to	-1	m	
-1	to	-0	m	
.001	to	1	m	
1	to	2	m	
2	to	3	m	
3	to	4	m	
4	to	5	m	
5	to	6	m	
6	to	7	m	
7	to	8	m	
8	to	9	m	
9	to	10	m	
10	to	11	m	
11	to	12	m	
12	to	13	m	
13	to	14	m	
14	to	20	m	

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PROJECT NORTH

DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES — A1 UNREDUCED, A3 REDUCED

SCALES — UNREDUCED / REDUCED

0 5 10 15 20 25m — 1 : 500 / 1 : 1000

STATUS

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REV	DATE	DESCRIPTION	DWN	DES	CHK	APP
C	17.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR
B	14.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR
A	06.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR

ASSOCIATED CONSULTANTS

APPROVED — 7729 RPEQ — DATE 14/11/25

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CLIENT: STOCKLAND DEVELOPMENT PTY LTD — Stockland

PROJECT: RIPLEY CATALYST FUNDING SOUTH-EAST TRUNK ROAD - PACKAGE I

SUBJECT: EARTHWORKS LAYOUT SHEET 1

PROJECT No. 22250

DRAWING No. FL3020 — REVISION C

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LOCALITY PLAN
N.T.S

JOINS DRG FL3020

20
SP337706

STOCKLAND LACEBARK
DEVELOPMENT (ROL1)

MAPPED EPZ
BOUNDARY

RIPLEY ROAD
CONTROL LINE CL60

RIPLEY ROAD
CONTROL LINE CL50

STOCKLAND PROVIDENCE
WEST DEVELOPMENT (ROL2)

96
SP157517

196
SP157517

RIPLEY ROAD

BUNDAMBA CREEK

CH 200.000

CT 217.154

TC 261.273

CT 296.896

CH 300.000

CH 400.000

JOINS DRG FL3022

PLAN
SCALE 1:500

CUT/FILL DEPTH RANGE

LOWER		UPPER		COLOUR
-20	to	-14	m	
-14	to	-13	m	
-13	to	-12	m	
-12	to	-11	m	
-11	to	-10	m	
-10	to	-9	m	
-9	to	-8	m	
-8	to	-7	m	
-7	to	-6	m	
-6	to	-5	m	
-5	to	-4	m	
-4	to	-3	m	
-3	to	-2	m	
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.001	to	1	m	
1	to	2	m	
2	to	3	m	
3	to	4	m	
4	to	5	m	
5	to	6	m	
6	to	7	m	
7	to	8	m	
8	to	9	m	
9	to	10	m	
10	to	11	m	
11	to	12	m	
12	to	13	m	
13	to	14	m	
14	to	20	m	

THIS DRAWING IS BEST
VIEWED IN COLOUR AND
ON AN ELECTRONIC DEVICE

PROJECT NORTH

DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES

A1 UNREDUCED
A3 REDUCED

SCALES — UNREDUCED / REDUCED

0 5 10 15 20 25m
1 : 500 / 1 : 1000

STATUS
FOR APPROVAL

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B	14.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR
A	06.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR

ASSOCIATED CONSULTANTS

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CHECKED — DATE 14/11/25

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CLIENT
STOCKLAND DEVELOPMENT PTY LTD
Stockland

PROJECT
RIPLEY CATALYST
FUNDING SOUTH-EAST
TRUNK ROAD - PACKAGE I

SUBJECT
EARTHWORKS LAYOUT
SHEET 2

PROJECT No. 22250
DRAWING No. FL3021
REVISION C

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ORIGINAL SIZE A1

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LOCALITY PLAN
N.T.S

JOINS DRG FL3021

RIPLEY ROAD
CONTROL LINE CL60

RIPLEY ROAD
CONTROL LINE CL50

CH 2307.991
CH 2300.000
CH 2250.000
CH 2200.000
CH 500.000
CH 2313.055
CH 0.000
CH 2150.000
CH 600.000
CH 651.219
TC 640.830
TC 565.767
TC 541.900
TC 137.150
CT 60.853

SOUTH WEST ROAD

RIPLEY ROAD

BUNDAMBA CREEK

PACKAGE 'K'

PACKAGE 'I'

PACKAGE 'H'

WATSONS ROAD (EXISTING)

EXISTING WATSONS ROAD
EXTENTS MADE REDUNDANT AND
TO BE REMOVED

EP

19
RP816927

PLAN
SCALE 1:500

CUT/FILL DEPTH RANGE

LOWER		UPPER		COLOUR
-20	to	-14	m	
-14	to	-13	m	
-13	to	-12	m	
-12	to	-11	m	
-11	to	-10	m	
-10	to	-9	m	
-9	to	-8	m	
-8	to	-7	m	
-7	to	-6	m	
-6	to	-5	m	
-5	to	-4	m	
-4	to	-3	m	
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-2	to	-1	m	
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.001	to	1	m	
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3	to	4	m	
4	to	5	m	
5	to	6	m	
6	to	7	m	
7	to	8	m	
8	to	9	m	
9	to	10	m	
10	to	11	m	
11	to	12	m	
12	to	13	m	
13	to	14	m	
14	to	20	m	

THIS DRAWING IS BEST VIEWED IN COLOUR AND ON AN ELECTRONIC DEVICE

PROJECT NORTH

DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES

A1 UNREDUCED
A3 REDUCED

SCALES

UNREDUCED / REDUCED

0 5 10 15 20 25m

1 : 500 / 1 : 1000

STATUS

FOR APPROVAL

SCAN QR CODE TO CONFIRM CURRENT DRAWING REVISION
http://docs.bornhorstward.com.au/revision/

REV	DATE	DESCRIPTION	DWN	DES	CHK	APP
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B	14.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR
A	06.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR

ASSOCIATED CONSULTANTS

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DATE 14/11/25

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DATE 14/11/25

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CLIENT
STOCKLAND DEVELOPMENT PTY LTD
Stockland

PROJECT
RIPLEY CATALYST FUNDING SOUTH-EAST TRUNK ROAD - PACKAGE I

SUBJECT
EARTHWORKS LAYOUT SHEET 3

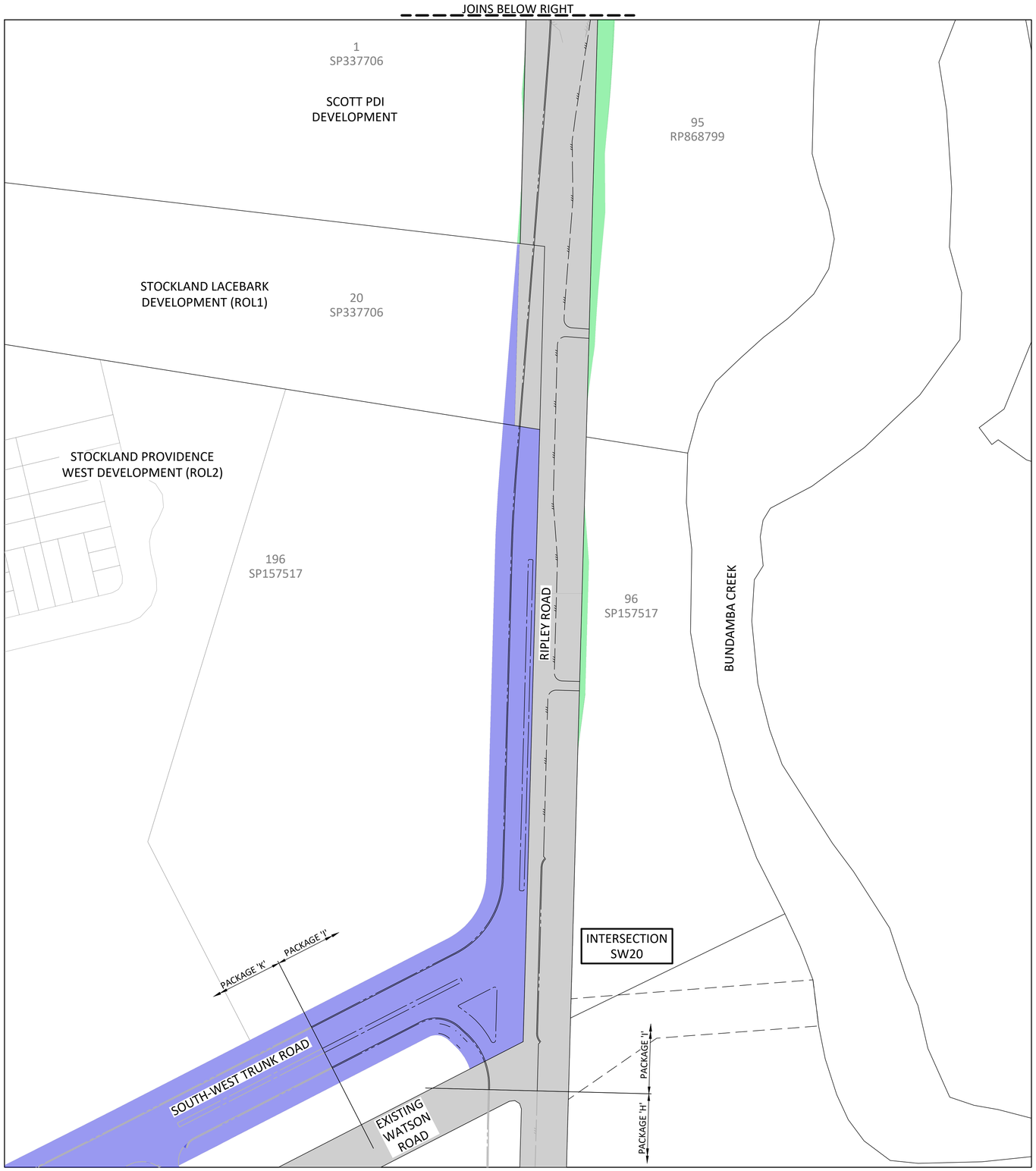
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REVISION C

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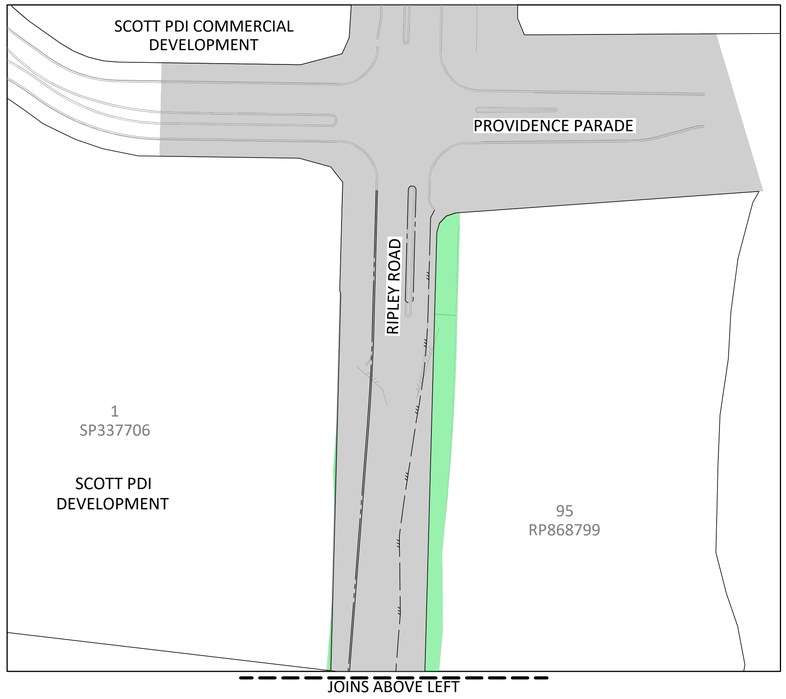
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PLAN
SCALE: 1:1000



PLAN
SCALE: 1:1000

LEGEND

- EXISTING ROAD PARCEL
- RESUMPTION AREA (INITIAL / INTERIM)
- RESUMPTION AREA (FUTURE / ULTIMATE)

PROJECT NORTH

DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES — A1 UNREDUCED / A3 REDUCED

SCALES — UNREDUCED / REDUCED

0 10 20 30 40 50m — 1 : 1000 / 1 : 2000

STATUS

FOR APPROVAL

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B	06.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR
A	24.10.25	ISSUED FOR INFORMATION	AJS	SG	NR	NR

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CLIENT: STOCKLAND DEVELOPMENT PTY LTD — Stockland

PROJECT: RIPLEY CATALYST FUNDING SOUTH-EAST TRUNK ROAD - PACKAGE I

SUBJECT: LAND DEDICATION PLAN

PROJECT No. 22250

DRAWING No. FL3030

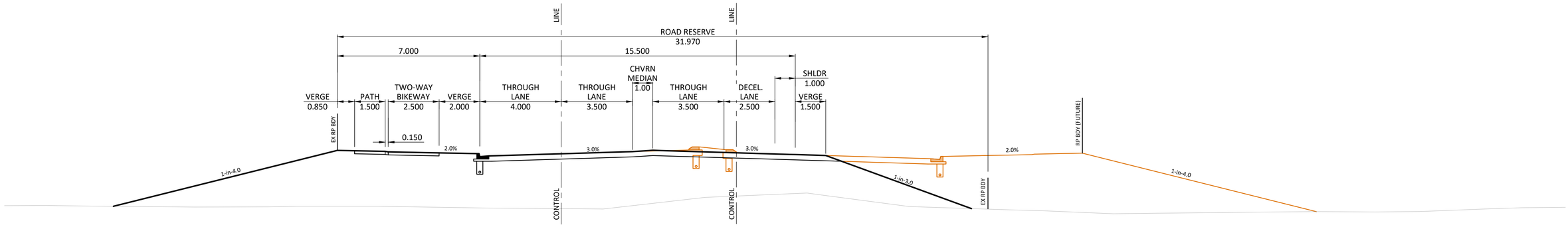
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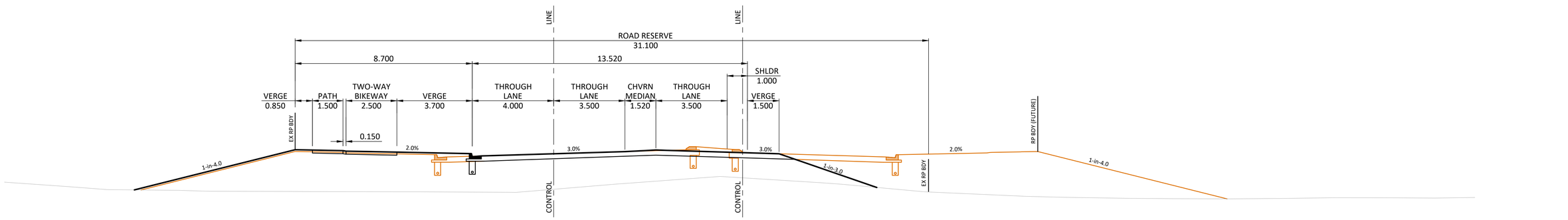
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TYPICAL SECTION - CHAINAGE 160

SCALE 1:100

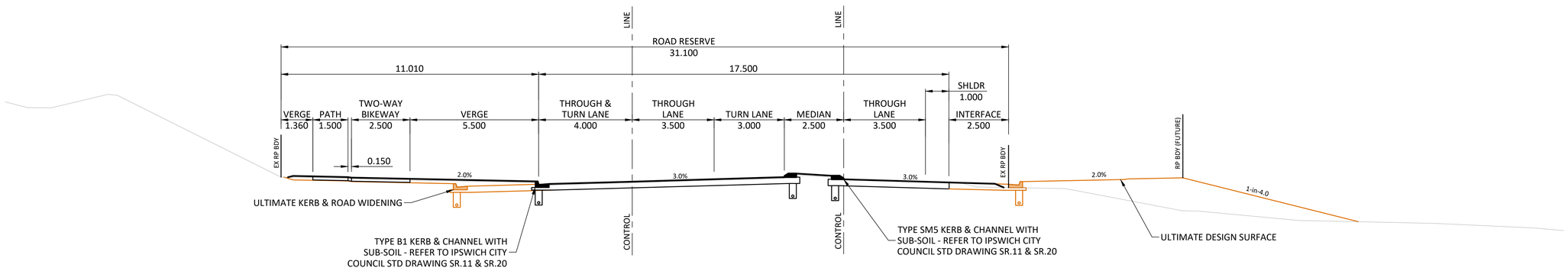
3 FL3010



TYPICAL SECTION - CHAINAGE 110

SCALE 1:100

2 FL3010



TYPICAL SECTION - CHAINAGE 20

SCALE 1:100

1 FL3010

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DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES — A1 UNREDUCED / A3 REDUCED

SCALES — UNREDUCED / REDUCED

0 1.0 2.0 3.0 4.0 5.0m — 1 : 100 / 1 : 200

STATUS

FOR APPROVAL

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A	06.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR

ASSOCIATED CONSULTANTS

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CLIENT: STOCKLAND DEVELOPMENT PTY LTD — Stockland

PROJECT: RIPLEY CATALYST FUNDING SOUTH-EAST TRUNK ROAD - PACKAGE I

SUBJECT: TYPICAL SECTIONS SHEET 1

PROJECT No. 22250

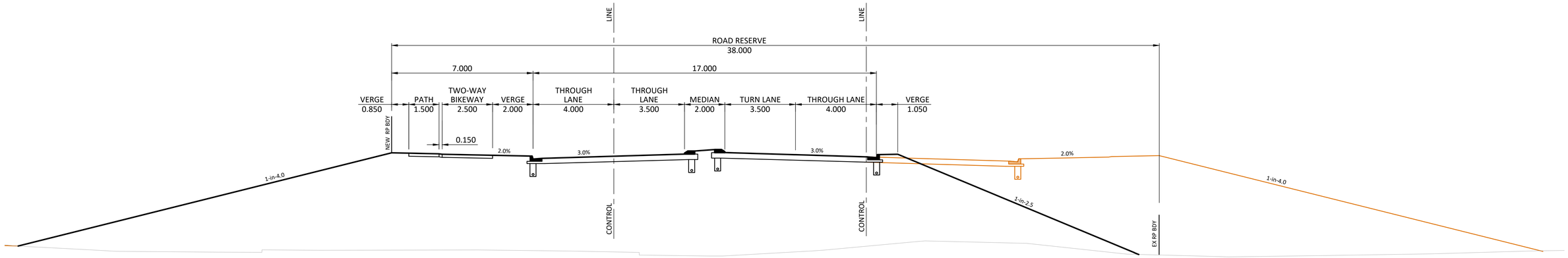
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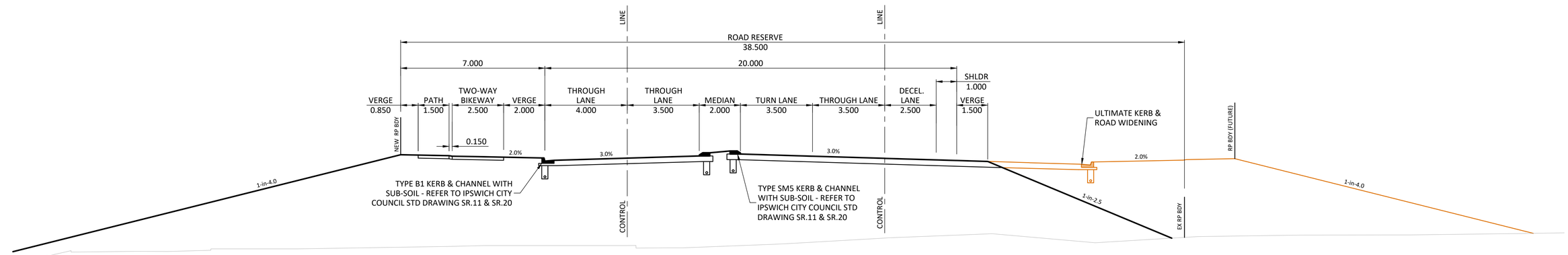
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TYPICAL SECTION - CHAINAGE 430

SCALE 1:100

5
FL3012



TYPICAL SECTION - CHAINAGE 330

SCALE 1:100

4
FL3011

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DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES — A1 UNREDUCED / A3 REDUCED

SCALES — UNREDUCED / REDUCED

0 1.0 2.0 3.0 4.0 5.0m — 1 : 100 / 1 : 200

STATUS

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A	06.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR

ASSOCIATED CONSULTANTS

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CLIENT: STOCKLAND DEVELOPMENT PTY LTD — Stockland

PROJECT: RIPLEY CATALYST FUNDING SOUTH-EAST TRUNK ROAD - PACKAGE I

SUBJECT: TYPICAL SECTIONS SHEET 2

PROJECT No. 22250

DRAWING No. FL3041

REVISION B

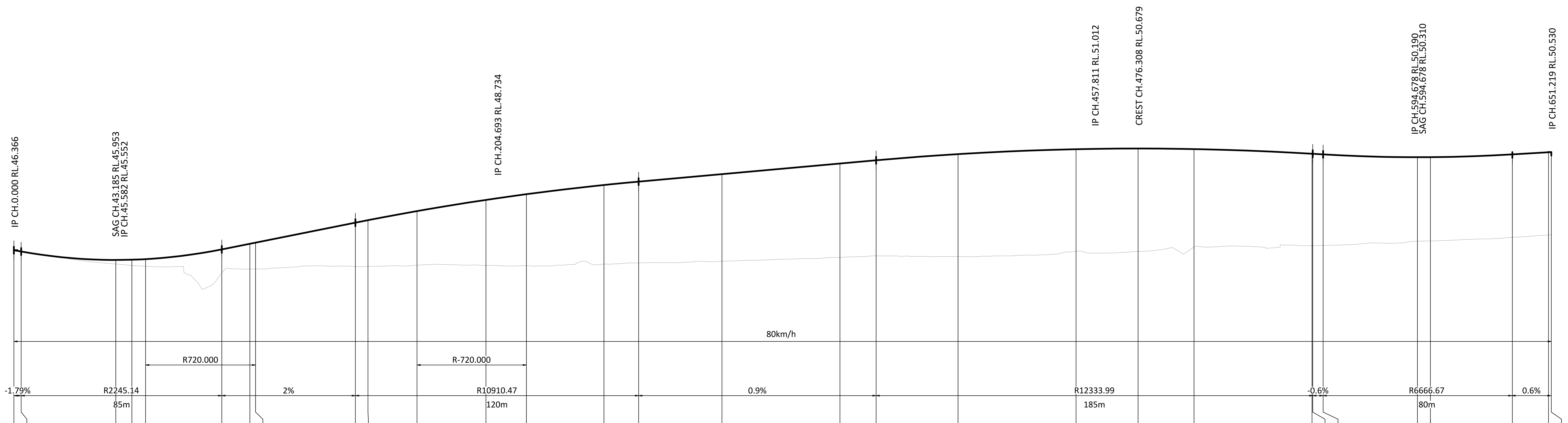
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0 10 20 30 40 50 100

ORIGINAL SIZE A1



DESIGN SPEED
HORIZONTAL DATA
VERTICAL DATA
DATUM 39.00

EXISTING SURFACE LEVEL	46.366	46.311	45.780	45.720	45.683	45.401	45.572	45.567	45.675	45.684	45.733	45.719	45.710	45.774	45.829
CUT / FILL DEPTH TO EXISTING SURFACE	0.000	0.000	-0.173	-0.243	-0.305	-1.001	-1.068	-1.121	-1.859	-1.955	-2.292	-2.781	-3.033	-3.358	-3.444
CONTROL LINE FINISHED LEVEL	46.366	46.311	45.953	45.963	45.988	46.402	46.640	46.688	47.534	47.639	48.024	48.500	48.742	49.131	49.274
CONTROL LINE CHAINAGES	0.000	3.082	43.185	50.000	55.783	88.082	100.000	102.405	144.693	150.000	170.788	200.000	217.154	250.000	264.693

EXISTING SURFACE LEVEL	45.899	46.062	46.127	46.095	46.318	46.313	46.503	46.559	46.560	46.569	46.747	46.760	46.914	47.010	47.016
CUT / FILL DEPTH TO EXISTING SURFACE	-3.692	-3.979	-4.052	-4.347	-4.332	-4.365	-4.153	-3.899	-3.896	-3.861	-3.563	-3.552	-3.517	-3.512	-3.513
CONTROL LINE FINISHED LEVEL	49.591	50.041	50.179	50.442	50.650	50.679	50.656	50.458	50.457	50.430	50.310	50.312	50.430	50.522	50.530
CONTROL LINE CHAINAGES	300.000	350.000	365.311	400.000	450.000	476.308	500.000	550.000	550.311	554.678	594.678	600.000	634.678	650.000	651.219

LONGITUDINAL SECTION CONTROL LINE CL50 (RIPLEY ROAD)

SCALE
1:100 VERTICAL
1:1000 HORIZONTAL

THIS DRAWING IS BEST VIEWED IN COLOUR AND ON AN ELECTRONIC DEVICE

DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES

A1 UNREDUCED
A3 REDUCED

SCALES — UNREDUCED / REDUCED
0 1.0 2.0 3.0 4.0 5.0m — 1 : 100 / 1 : 200
0 10 20 30 40 50m — 1 : 1000 / 1 : 2000

STATUS
FOR APPROVAL

SCAN QR CODE TO CONFIRM CURRENT DRAWING REVISION
http://docs.bornhorstward.com.au/revision/

REV	DATE	DESCRIPTION	DWN	DES	CHK	APP
B	14.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR
A	06.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR

ASSOCIATED CONSULTANTS

APPROVED: M. Kozis 7729 RPEQ — DATE 14/11/25
CHECKED: M. Kozis — DATE 14/11/25

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+61 (7) 3013 4699 www.bornhorstward.com.au

CLIENT: STOCKLAND DEVELOPMENT PTY LTD

PROJECT: RIPLEY CATALYST FUNDING SOUTH-EAST TRUNK ROAD - PACKAGE I

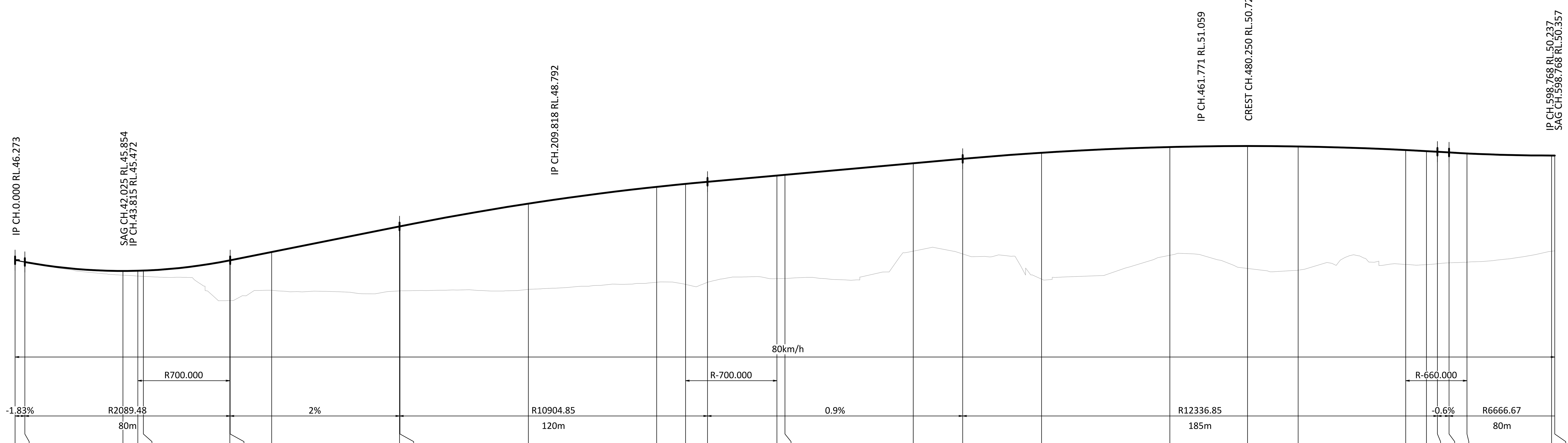
SUBJECT: ROADWORKS LONGINTUDINAL SECTIONS SHEET 1

PROJECT No. 22250
DRAWING No. FL3050
REVISION B

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CONTROL LINE CHAINAGES	EXISTING SURFACE LEVEL	CUT / FILL DEPTH TO EXISTING SURFACE	CONTROL LINE FINISHED LEVEL
0.000	46.273	0.000	46.273
3.815	46.200	-0.003	46.203
42.025	45.691	-0.163	45.854
47.819	45.656	-0.206	45.862
50.000	45.645	-0.224	45.869
83.679	44.700	-1.569	46.269
83.815	44.700	-1.572	46.272
100.000	45.101	-1.495	46.596
149.818	45.077	-2.515	47.592
150.000	45.079	-2.517	47.596
200.000	45.137	-3.343	48.480
250.000	45.414	-3.721	49.136
261.273	45.332	-3.920	49.252
269.818	45.414	-3.918	49.332
296.896	45.553	-4.022	49.575
300.000	45.561	-4.042	49.603
350.000	46.627	-3.426	50.053
369.271	46.519	-3.707	50.226
400.000	45.536	-4.928	50.465
450.000	46.468	-4.221	50.689
480.250	45.953	-4.772	50.726
500.000	45.885	-4.825	50.710
541.900	46.111	-4.460	50.572
550.000	46.102	-4.426	50.528
554.271	46.137	-4.367	50.504
558.768	46.172	-4.305	50.477
565.767	46.196	-4.242	50.438
598.768	46.623	-3.733	50.357
600.000	46.637	-3.719	50.357

LONGITUDINAL SECTION CONTROL LINE CL60 (RIPLEY ROAD)

SCALE
1:100 VERTICAL
1:1000 HORIZONTAL

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DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES — A1 UNREDUCED / A3 REDUCED

SCALES — UNREDUCED / REDUCED
0 1.0 2.0 3.0 4.0 5.0m — 1 : 100 / 1 : 200
0 10 20 30 40 50m — 1 : 1000 / 1 : 2000

STATUS
FOR APPROVAL

SCAN QR CODE TO CONFIRM CURRENT DRAWING REVISION
http://docs.bornhorstward.com.au/revision/

REV	DATE	DESCRIPTION	DWN	DES	CHK	APP
B	14.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR
A	06.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR

ASSOCIATED CONSULTANTS

APPROVED M. Kozis 7729 RPEQ — DATE 14/11/25
CHECKED M. Kozis — DATE 14/11/25

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CLIENT
STOCKLAND DEVELOPMENT PTY LTD
Stockland

PROJECT
RIPLEY CATALYST FUNDING SOUTH-EAST TRUNK ROAD - PACKAGE I

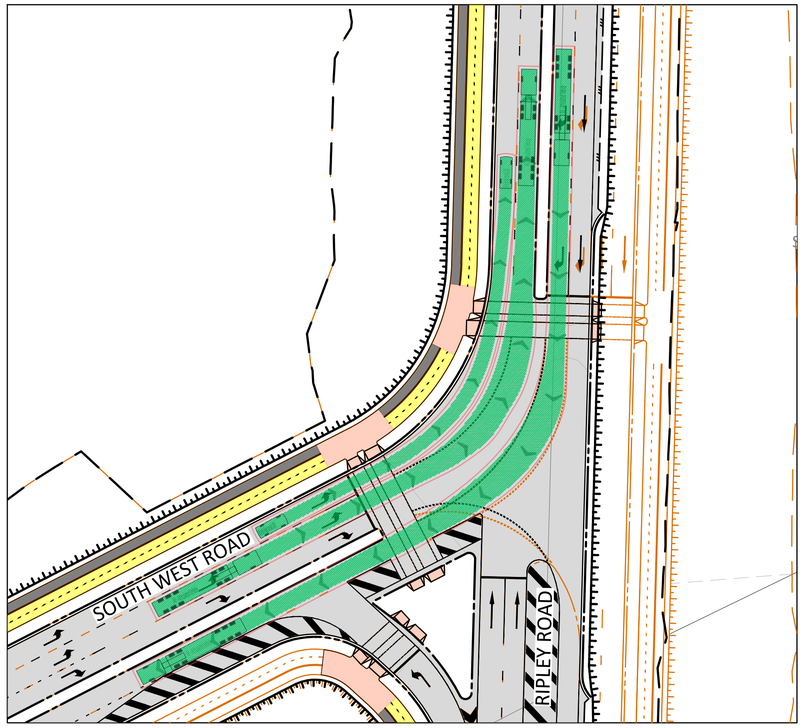
SUBJECT
ROADWORKS LONGINTUDINAL SECTIONS SHEET 2

PROJECT No. 22250
DRAWING No. FL3051 REVISION B

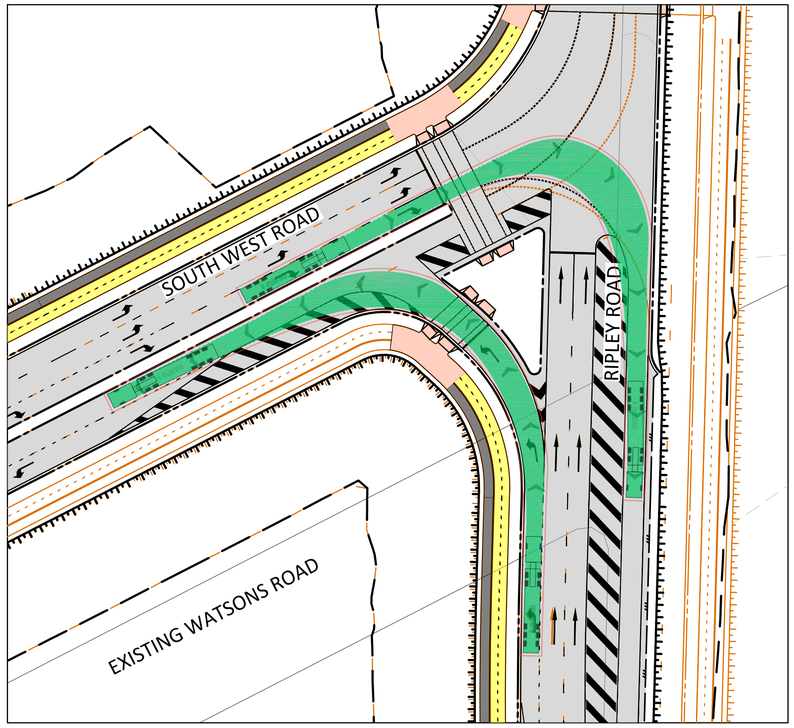
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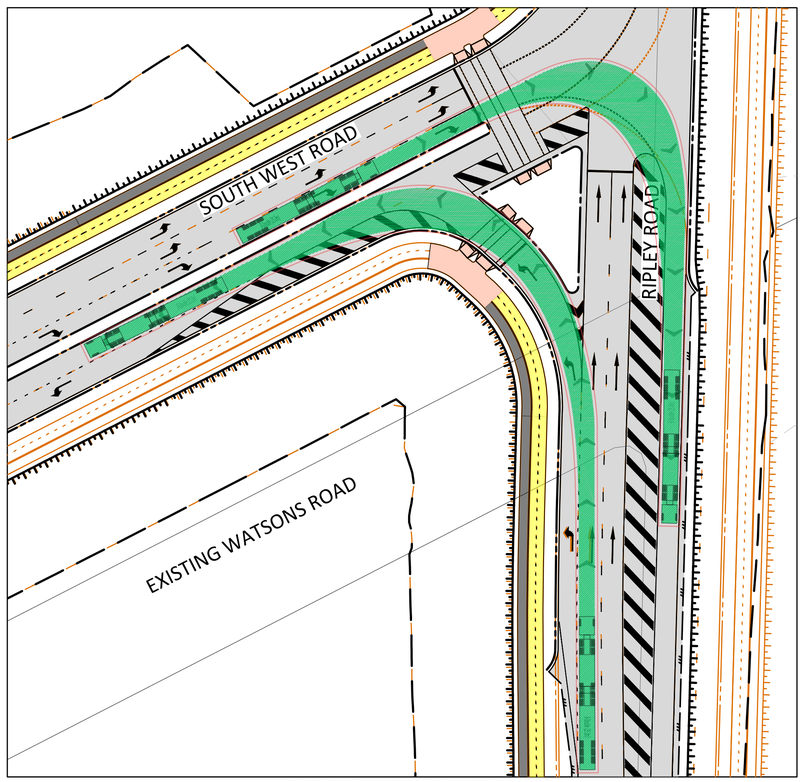
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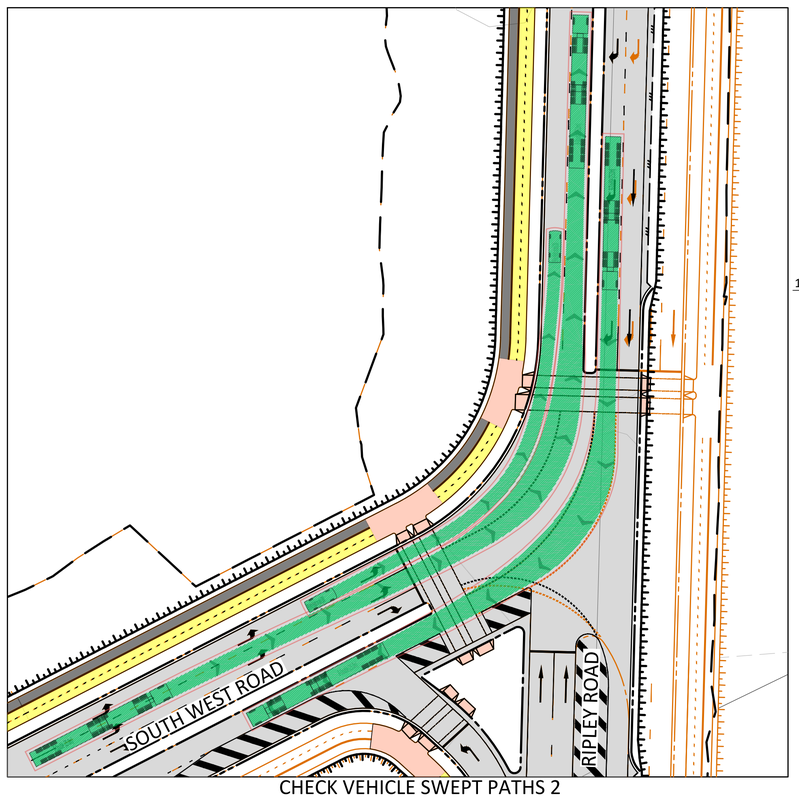
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SCALE 1:500



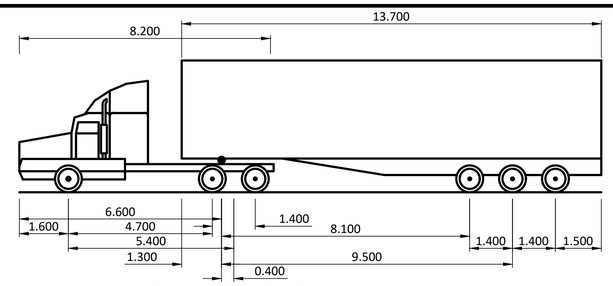
DESIGN VEHICLE SWEPT PATHS 2
SCALE 1:500



CHECK VEHICLE SWEPT PATHS 1
SCALE 1:500

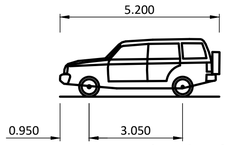


CHECK VEHICLE SWEPT PATHS 2
SCALE 1:500



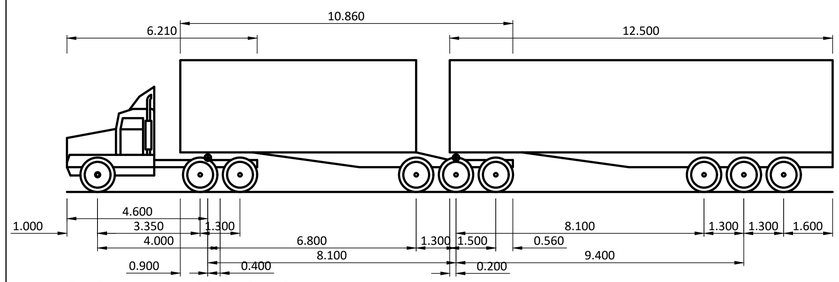
AV - Articulated Vehicle

Overall Length	19.000m
Overall Width	2.500m
Overall Body Height	4.301m
Min Body Ground Clearance	0.418m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



B99 Vehicle (Realistic min radius) (2004)

Overall Length	5.200m
Overall Width	1.940m
Overall Body Height	1.878m
Min Body Ground Clearance	0.272m
Track Width	1.840m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	6.250m



B-Double (25.0m)

Overall Length	25.000m
Overall Width	2.500m
Overall Body Height	4.300m
Min Body Ground Clearance	0.540m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	15.000m

THIS DRAWING IS BEST VIEWED IN COLOUR AND ON AN ELECTRONIC DEVICE

PROJECT NORTH

DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES — A1 UNREDUCED, A3 REDUCED

SCALES — UNREDUCED / REDUCED

0 5 10 15 20 25m — 1 : 500 / 1 : 1000

STATUS

FOR APPROVAL

SCAN QR CODE TO CONFIRM CURRENT DRAWING REVISION
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REV	DATE	DESCRIPTION	DWN	DES	CHK	APP
B	14.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR
A	06.11.25	FUNCTIONAL LAYOUT FOR APPROVAL	AJS	SG	NR	NR

ASSOCIATED CONSULTANTS

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CLIENT: STOCKLAND DEVELOPMENT PTY LTD — Stockland

PROJECT: RIPLEY CATALYST FUNDING SOUTH-EAST TRUNK ROAD - PACKAGE I

SUBJECT: TURN TEMPLATES LAYOUT

PROJECT No. 22250

DRAWING No. FL3060 — REVISION B

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