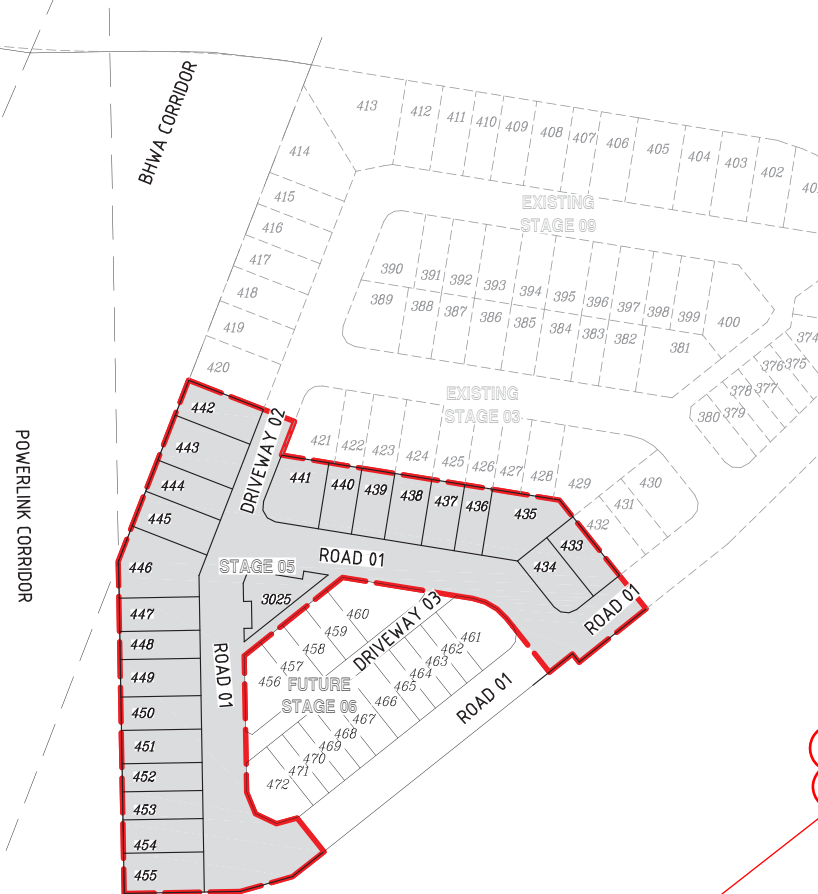




DRAWING NO.	DRAWING TITLE
24-275-01	GENERAL - LOCALITY PLAN, DRAWING INDEX AND NOTES
24-275-02	GENERAL - SETOUT PLAN
24-275-03	GENERAL - LAYOUT PLAN
24-275-04	GENERAL - TABLE SWALE AND FOOTPATH WALL SECTIONS
24-275-05	EARTHWORKS - CONTOUR PLAN
24-275-06	EARTHWORKS - SPOT LEVELS PLAN - SHEET 1
24-275-07	EARTHWORKS - SPOT LEVELS PLAN - SHEET 2
24-275-08	ROADWORKS - LONG, AND CROSS SECTIONS - ROAD 02
24-275-09	ROADWORKS - LONGITUDINAL SECTION - ROAD 04
24-275-10	ROADWORKS - CROSS SECTIONS - ROAD 04
24-275-11	ROADWORKS - LONG, AND CROSS SECTIONS - ROAD 07
24-275-12	ROADWORKS - LONG, AND CROSS SECTIONS - DRIVEWAY 01
24-275-13	ROADWORKS - INTERSECTION DETAILS
24-275-14	ROADWORKS - INTERSECTION DETAILS - SWALE SETOUT PLAN
24-275-15	ROADWORKS - ROAD SIGNAGE AND - LINEMARKING PLAN
24-275-16	STORMWATER - CATCHMENT PLAN
24-275-17	STORMWATER - LONG SECTIONS - SHEET 1
24-275-18	STORMWATER - LONG SECTIONS - SHEET 2
24-275-19	STORMWATER - MANHOLE DETAILS - SHEET 1
24-275-20	STORMWATER - MANHOLE DETAILS - SHEET 2
24-275-21	STORMWATER - CALCULATION TABLE - SHEET 1
24-275-22	STORMWATER - CALCULATION TABLE - SHEET 2
24-275-23	STORMWATER - CALCULATION TABLE - SHEET 3
24-275-24	SEDIMENT AND EROSION - CONTOUR PLAN - POST CONSTRUCTION
24-275-25	SEDIMENT BASIN NOTES
24-275-26	PREFERRED BENCHING PLAN
24-275-27	SAFETY AND DESIGN



PLAN
SCALE 1:1000

1. ALL WORK SHALL BE JOINED NEATLY TO EXISTING CONSTRUCTION.
2. WHERE REFERENCE IS MADE ON THESE DRAWINGS TO A KERB LINE, IT SHALL BE TAKEN TO MEAN THE KERB INVERT LINE.
3. LEVELS FOR KERB AND CHANNEL CONSTRUCTION ARE SHOWN AT LIP OF CHANNEL UNLESS SHOWN OTHERWISE.
4. KERB AND CHANNEL AND SPOON DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH INSTITUTE OF PUBLIC WORKS ENGINEERING AUSTRALIA STANDARD DWG NO SEQ R-080. SPOON DRAINS ACROSS ROAD INTERSECTIONS SHALL BE IN ACCORDANCE WITH INSTITUTE OF PUBLIC WORKS ENGINEERING AUSTRALIA STD DWG NO SEQ R-080. THE CONCRETE SHALL BE CLASS M32 AND THE DEPTH INCREASED BY 50mm TO 175mm AT INVERT. FLUSH KERB TO BE INCREASED IN DEPTH BY 50mm TO 280mm.
5. IF MACHINE MADE KERB AND CHANNEL IS USED, EXTRA FINES AND 20mm SLUMP IS REQUIRED.
6. ALL DRAINAGE CENTRE LINES ARE TO BE 1.5m FROM INVERT OF KERB FOR 6.0m WIDE ROADS AND 2.0m OFF THE INVERT OF THE KERB FOR ALL OTHERS, UNLESS OTHERWISE SHOWN.
7. GULLY CONNECTIONS AND STORM WATER PIPES SHALL BE 375mm DIAMETER CLASS 3 "R.C. PIPES UNLESS SHOWN OTHERWISE.
8. THE CONTRACTOR SHALL INITIALLY EXCAVATE THE PAVEMENT BOX TO 700mm BELOW THE FINISHED PAVEMENT LEVEL SHOWN ON THE DRAWINGS. HE SHALL THEN NOTIFY THE ENGINEER WHO WILL FIX THE PAVEMENT THICKNESS TO BE CONSTRUCTED FOLLOWING THE RESULTS OF SUB-GRADE TESTING.
9. NOTWITHSTANDING THE LIMITS OF CUTTING AND FILLING SHOWN ON THE DRAWINGS, THE ACTUAL LIMITS SHALL BE DETERMINED ON SITE BY THE ENGINEER AND SIMILARLY THE FINISHED SURFACE CONTOURS MAY BE ADJUSTED BY WRITTEN DIRECTION OF THE ENGINEER DURING CONSTRUCTION.
10. THE MINIMUM CLEARANCE BETWEEN OUTER WALLS OF PIPES IN MANHOLES SHALL BE 150mm.
11. SUBSURFACE DRAIN CLEANING POINTS SHALL BE INSTALLED IN ACCORDANCE WITH IPWEAQ STD DWG NO SEQ R-140.
12. CONSTRUCTION LOAD CONTROL ON THE INSTALLATION OF REINFORCED CONCRETE STORMWATER PIPE WORK SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE RECOMMENDATIONS DEFINED IN THE CONCRETE PIPE ASSOCIATIONS OF AUSTRALASIA'S "THE INSTALLATIONS OF STEEL REINFORCED CONCRETE PIPES - MINIMUM PIPE COVER REQUIRED FOR VARIOUS COMPACTORS".
13. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL ERECT A STARPICKET AND 2 STRAND WIRE FENCE TO THE PERIMETER OF VEGETATION TO BE RETAINED.

1. UPVC SEWER PIPES TO BE USED SHALL BE :-
(a) PIPES - CLASS SH (ISO 1260)
(b) FITTINGS - CLASS MH (ISO 1260)
2. THE MINIMUM COVER TO ALL ROOFWATER DRAINAGE LINES SHALL BE 300mm FOR TRUNNION 150mm FOR UPVC. EXCEPT IN THE CASE OF 100mm DIAMETER LINES DISCHARGING THROUGH KERB INTO CHANNEL.
3. THE ENDS OF 150mm ROOFWATER CONNECTIONS FROM LOT DIRECTLY TO GULLY PIT SHALL BE CAPPED AND LOCATED WITH NOT LESS THAN 300mm AND NOT MORE THAN 450mm COVER UNLESS OTHERWISE APPROVED.
4. ALL ROOFWATER LINES TERMINATING IN THE KERB AND CHANNEL SHALL BE LAID AT A MINIMUM GRADE AND ALSO AND SHALL HAVE "KALY" CAST ALUMINIUM KERB ADAPTOR OR EQUIVALENT.
5. THE ENDS OF ALL LINES SHALL BE PLUGGED WITH APPROVED FITTINGS.
6. PROVIDE 2 KERB ADAPTORS FOR ALL LOTS. ALL KERB ADAPTORS SHALL BE CAST INTO KERB AND CHANNEL UNLESS PIPED CONNECTION TO SW STRUCTURE PROVIDED.
7. WHERE THE COVER IS LESS THAN 400mm FOR ROOFWATER THE PIPE CLASS SHALL BE SEH UPVC.
8. THE KERB ADAPTOR SHALL BE LOCATED SO THAT ITS CENTRE LINE IS 300mm FROM THE PROJECTION OF THE SIDE BOUNDARY AT THE KERB LINE.

SCALE  1: 1000 (A1 UNREDUCED)

Drawn RP	Designed VS	Checked MAS	Date JAN' 26
Scale AS SHOWN			Sheet 01 of 27
A1	Drawing No 24-275-01		Revision A

PN 2024.03.075 Rivermont P3 Stage 5 Engineering (Access) - 2024-03-07 09:00 AM (Printed by: L4 on 20/02/2026 13:31:07 PM)



SETOUT PLAN
SCALE 1:500

LEGEND

STAGE BOUNDARY
PROPOSED ROAD CENTRELINE

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4904

Date: 04 August 2026



ROAD 01 CONTROL LINE DETAILS

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RADIUS	ARC-LEN	DEF ANGLE
IP 1	0.000	8336.394	11409.868	32.174	189°10'00.00"	-	-	-
TC	80.759	8323.529	11330.141	30.891	189°10'00.00"	-	-	-
IP 2	96.612	8320.915	11313.943	30.685	-	R = 50.000	31.707	36°20'00.00"
CT	112.466	8309.213	11302.443	30.479	225°30'00.00"	-	-	-
TC	174.450	8265.003	11258.998	30.405	225°30'00.00"	-	-	-
IP 3	179.686	8261.265	11255.325	30.431	-	R = 100.000	10.472	6°00'00.00"
CT	184.922	8257.163	11252.062	30.457	231°30'00.00"	-	-	-
TC	243.326	8211.456	11215.705	30.749	231°30'00.00"	-	-	-
IP 4	251.180	8203.630	11209.480	30.789	-	R = 10.000	15.708	90°00'00.00"
CT	259.034	8197.404	11217.306	30.836	321°30'00.00"	-	-	-
TC	271.975	8189.348	11227.434	30.940	321°30'00.00"	-	-	-
IP 5	281.580	8183.081	11235.313	31.017	-	R = -26.000	19.210	42°20'00.00"
CT	291.186	8173.142	11236.916	31.095	279°10'00.00"	-	-	-
TC	374.485	8090.907	11250.187	31.764	279°10'00.00"	-	-	-
IP 6	381.285	8082.923	11251.475	31.819	-	R = -10.000	13.601	77°55'36.12"
CT	388.085	8079.993	11243.937	31.873	201°14'23.88"	-	-	-
TC	392.022	8078.567	11240.268	31.905	201°14'23.88"	-	-	-
IP 7	396.287	8077.002	11236.242	31.939	-	R = -22.000	8.530	22°12'53.72"
CT	400.552	8077.076	11231.923	31.973	179°01'30.16"	-	-	-
TC	479.456	8078.418	11153.031	32.172	179°01'30.16"	-	-	-
IP 8	489.750	8078.614	11141.526	32.079	-	R = -18.500	20.588	63°45'45.08"
CC	500.044	8089.020	11136.615	31.987	115°15'45.08"	-	-	-
IP 9	510.338	8099.427	11131.704	31.899	-	R = -18.500	20.588	63°45'45.08"
CT	520.632	8108.432	11138.867	31.817	51°30'00.00"	-	-	-
TC	623.837	8189.201	11203.114	30.709	51°30'00.00"	-	-	-
IP 10	627.999	8192.480	11205.722	30.689	-	R = -30.000	8.324	15°53'54.62"
CT	632.162	8194.918	11209.128	30.695	35°36'05.38"	-	-	-
IP 11	639.875	8199.409	11215.400	-	35°36'05.38"	-	-	-

DRIVEWAY 02 CONTROL LINE DETAILS

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RADIUS	ARC-LEN	DEF ANGLE
IP 1	0.000	8114.651	11320.105	32.441	233°10'36.22"	-	-	-
TC	10.968	8105.871	11313.531	32.556	233°10'36.22"	-	-	-
IP 2	12.640	8104.497	11312.502	32.571	-	R = -6.000	3.344	31°56'12.34"
CT	14.313	8103.875	11310.902	32.579	201°14'23.88"	-	-	-
TC	65.165	8085.453	11263.504	31.996	201°14'23.88"	-	-	-
IP 1	116.017	8067.031	11216.106	31.413	201°14'23.88"	-	-	-
TC	166.869	8048.609	11168.708	30.830	201°14'23.88"	-	-	-
IP 2	217.721	8030.187	11121.310	30.247	201°14'23.88"	R = -6.000	3.344	31°56'12.34"

DRIVEWAY 03 CONTROL LINE DETAILS

M	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	8078.077	11173.216	32.327	89°02'26.16"	-	-	-
TC	6.412	8084.489	11173.323	32.352	89°02'26.16"	-	-	-
IP 2	9.684	8087.882	11173.380	32.412	-	R = -10.000	6.544	37°29'32.59"
IP 3	12.956	8090.540	11175.491	32.423	-	-	-	-
TC	92.846	8153.062	11225.224	31.387	51°30'00.00"	-	-	-
IP 4	96.537	8156.090	11227.632	31.337	-	R = -10.000	7.382	42°17'52.92"
CT	100.229	8156.709	11231.451	31.283	9°12'07.08"	-	-	-
IP 5	108.243	8157.990	11239.361	31.218	9°12'07.08"	-	-	-

SCALE
10 5 0 10 20 30 40 50m
1:500 (A1 UNREDUCED)

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LOCALITY PLAN



REVISIONS

No	Description	Date	By
A	FOR APPROVAL	08.01.2026	RP

Client
Project



RIVERMONT
PRECINCT 3
STAGE 5



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Shaw RPEQ 17544
Date: 2026.02.02
16:06:18+10'00'

Drawing title
GENERAL
SETOUT PLAN

Drawn	Designed	Checked	Date
RP	VS	MAS	JAN '26
Scale	Sheet	Revision	
AS SHOWN	02 of 27		
Drawing No	Revision		
A1	24-275-02		A

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4904

Date: 04 August 2026



AMENDED IN RED

By: Mahima Reshamwala

Date: 04 August 2026



Refer to Stormwater
Manhole / Pit Roof Water
Connections condition.

LEGEND

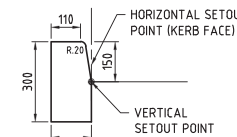
- STAGE BOUNDARY
- PROPOSED ROAD CENTRELINE
- M3 MOUNTABLE KERB AND CHANNEL
- B1 BARRIER KERB AND CHANNEL (300)
- B2 BARRIER KERB
- PROPOSED STORMWATER DRAINAGE
- PROPOSED STORMWATER SUBSOIL
- PROPOSED TABLE DRAIN
- SLEEPER RETAINING WALL
- BOULDER/ROCK WALL
- EXISTING RETAINING WALL
- ACOUSTIC FENCE BY OTHERS
- FINISHED SURFACE CONTOURS
- STORMWATER MANHOLE NUMBER
- STORMWATER GULLY PIT NUMBER
- DRIVEWAY POSITION
- FLUSHING POINT (SIDE DRAIN)
- 150mm ROOF WATER CONNECTION TO GULLY PIT/MH.
- MIN 450mm COVER IN LOT
- 100mm PVC ROOF WATER CONNECTION TO KERB ADAPTOR
- KERB ADAPTOR LOCATION
- EXISTING STORMWATER
- EXISTING WATER MAIN



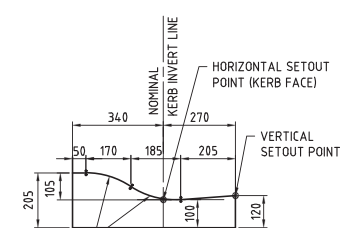
THIS ROAD MAY BE EXTENDED WITH FUTURE
DEVELOPMENT OF THE ADJOINING LAND.
FOR FURTHER INFORMATION
REFER TO COUNCIL'S PLANNING SCHEME

ADVISORY SIGN

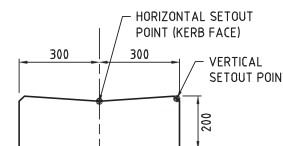
TEMPORARY TURNAROUND DETAIL - ROAD 01
SCALE NTS



KERB SETOUT DETAIL
BARRIER KERB TYPE B2
SCALE 1:10



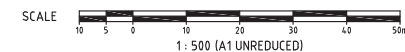
KERB SETOUT DETAIL
BARRIER KERB AND CHANNEL TYPE B1
SCALE 1:10



KERB SETOUT DETAIL
INVERT CHANNEL
SCALE 1:10



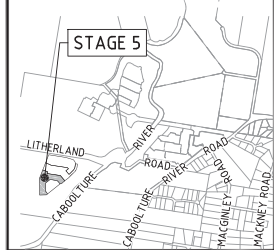
KERB SETOUT DETAIL -
MOUNTABLE KERB AND CHANNEL TYPE M3
SCALE 1:10



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LOCALITY PLAN



REVISIONS

No	Description	Date	By
A	FOR APPROVAL	08.01.2026	RP

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RIVERMONT
PRECINCT 3
STAGE 5



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16:06:19+10'00'

Drawing title
GENERAL
LAYOUT PLAN

Drawn	Designed	Checked	Date
RP	VS	MAS	JAN 26
Scale	Sheet	Revision	
AS SHOWN	03 of 27		
Drawing No	24-275-03	Revision	A

EXTERNAL CATCHMENT TO SWALE:
A = 1.791ha
C10 = 0.66
I = 24.2mm/hr
Q100 = 0.958m³/s
REFER DRAWING 24-275-14
FOR CATCHMENT EXTENT

4.0 x 1.0 x 1.0 THICK CONC. SLAB 125
CONCRETE F72 MESH 4.0 TOP COVER REFUSE
BIN PAD TO BE MARKED WITH RECESSED
NUMBERS FOR LOTS 443 and 444.

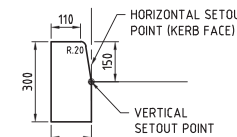
Refer to Stormwater
Manhole / Pit Roof Water
Connections condition.



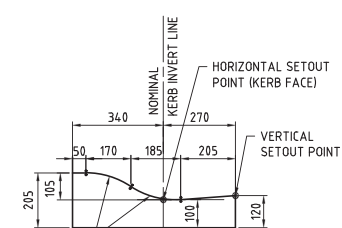
THIS ROAD MAY BE EXTENDED WITH FUTURE
DEVELOPMENT OF THE ADJOINING LAND.
FOR FURTHER INFORMATION
REFER TO COUNCIL'S PLANNING SCHEME

ADVISORY SIGN

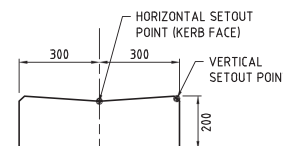
TEMPORARY TURNAROUND DETAIL - ROAD 01
SCALE NTS



KERB SETOUT DETAIL
BARRIER KERB TYPE B2
SCALE 1:10



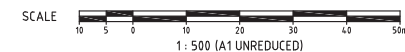
KERB SETOUT DETAIL
BARRIER KERB AND CHANNEL TYPE B1
SCALE 1:10



KERB SETOUT DETAIL
INVERT CHANNEL
SCALE 1:10

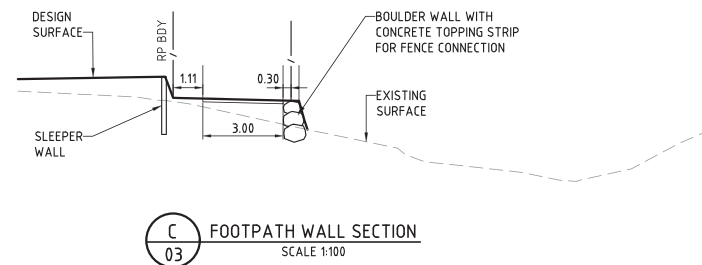
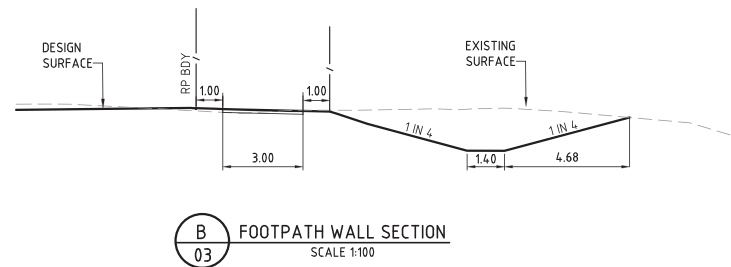
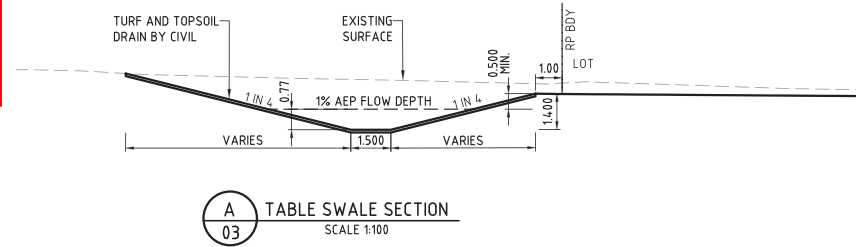


KERB SETOUT DETAIL -
MOUNTABLE KERB AND CHANNEL TYPE M3
SCALE 1:10



Drawn	Designed	Checked	Date
RP	VS	MAS	JAN 26
Scale	Sheet	Revision	
AS SHOWN	03 of 27		
Drawing No	24-275-03	Revision	A

Approval no: DEV-2026-WAR-4904
Date: 04 August 2026



SCALE  1 0.5 0 1 2 3 4 5 6 7 8 9 10m
1 : 100 (A1 UNREDUCED)

LOCALITY PLAN

STAGE 5

LITTERLAND

CARBOD TURE RIVER

ROAD

DUGB ROAD

MACGINLEY ROAD

MACKEY ROAD

[illegible]

Stockland

RIVERMONT
PRECINCT 3
STAGE 5



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Drawing Title

GENERAL
TABLE SWALE AND
FOOTPATH WALL SECTIONS

Drawn RP	Designed VS	Checked MAS	Date JAN' 26
Scale AS SHOWN			Sheet 04 of 27
A1	Drawing No 24-275- 04		Revision A

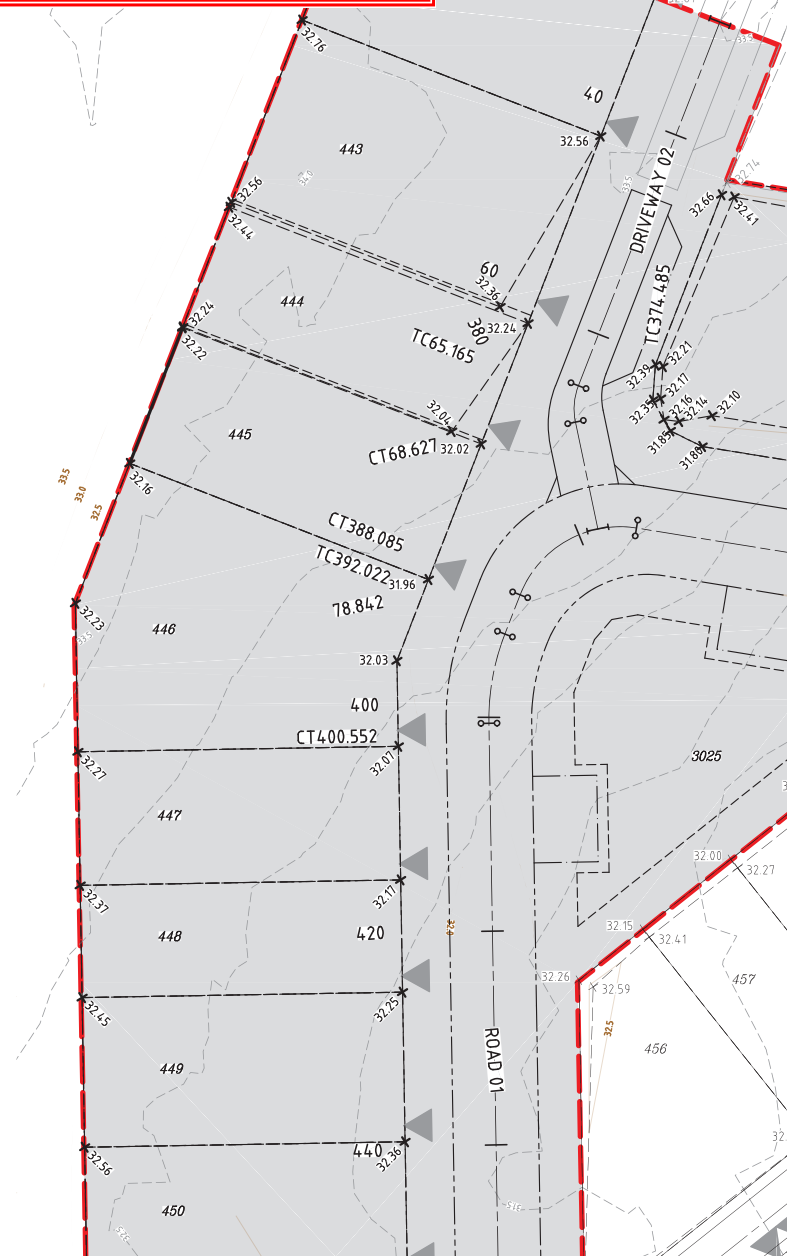
PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4904

Date: 04 August 2026



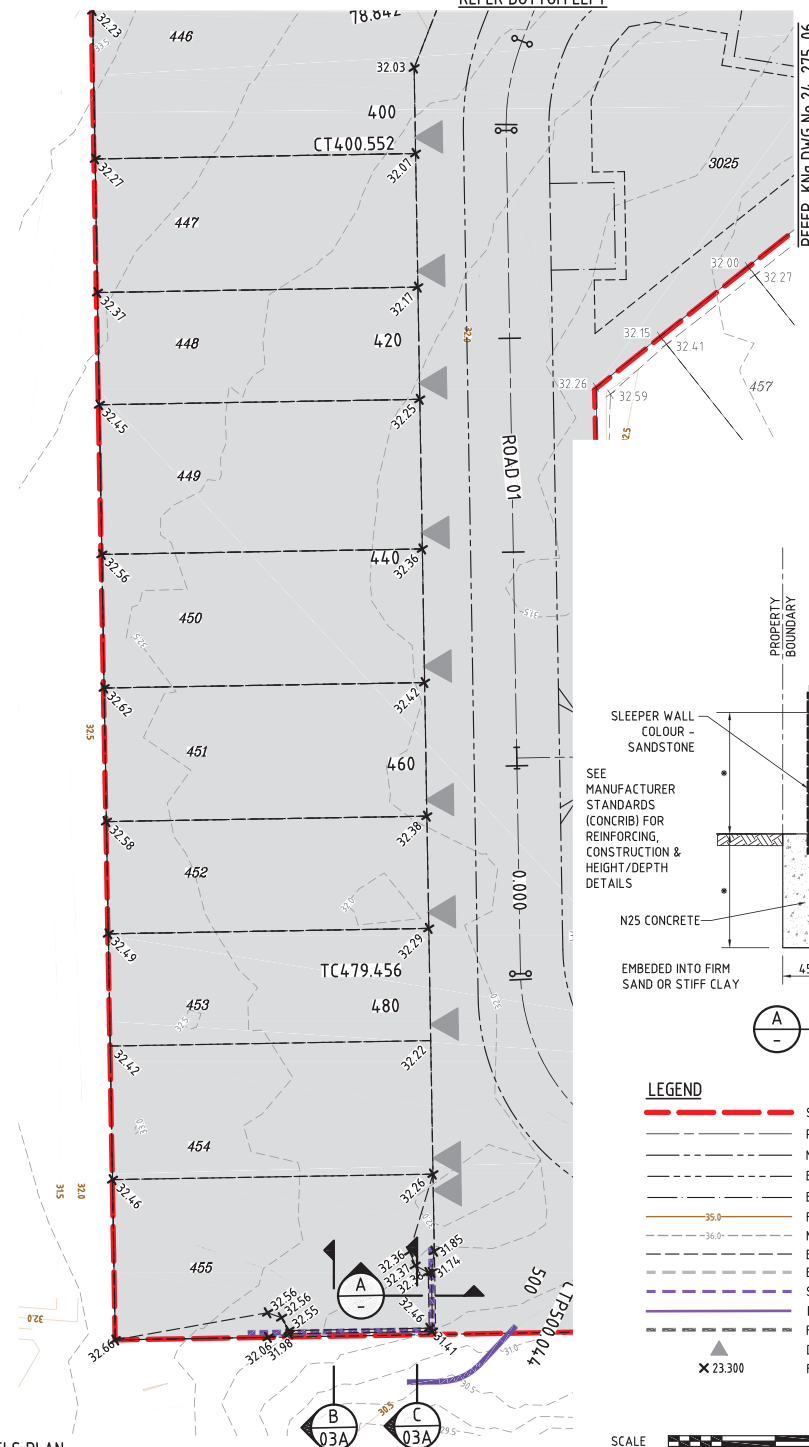
Queensland
Government



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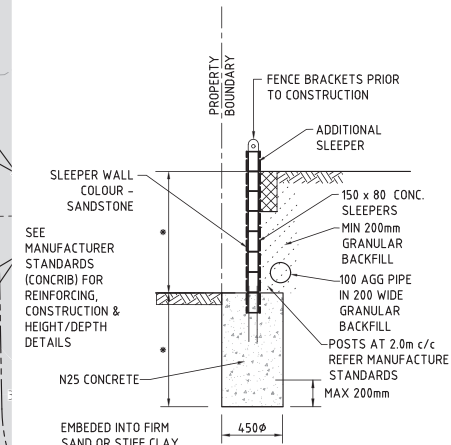
EARTHWORKS SPOT LEVELS PLAN
SCALE 1:250

REFER KNG DWG No 24-275-06



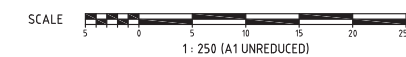
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REFER KNG DWG No 24-275-06



A SECTION
SCALE NTS

- LEGEND**
- STAGE BOUNDARY
 - PROPOSED ROAD CENTRELINE
 - M3 MOUNTABLE KERB AND CHANNEL
 - B1 BARRIER KERB AND CHANNEL (300)
 - B2 BARRIER KERB
 - FINISHED SURFACE CONTOURS
 - NATURAL SURFACE CONTOURS
 - BATTER LINE
 - EXISTING RETAINING WALL
 - SLEEPER RETAINING WALL
 - BOULDER/ROCK WALL
 - FUTURE RETAINING WALL
 - DRIVEWAY POSITION
 - FINISHED SURFACE LEVELS



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NORTH

LOCALITY PLAN

STAGE 5

REVISIONS

No	Description	Date	By
A	FOR APPROVAL	08.01.2026	RP

Client

Project

Stockland

RIVERMONT
PRECINCT 3
STAGE 5

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M. Shaw

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Shaw RPEQ 17544
Date: 2026.02.02
16:06:23+10'00'

Drawing title

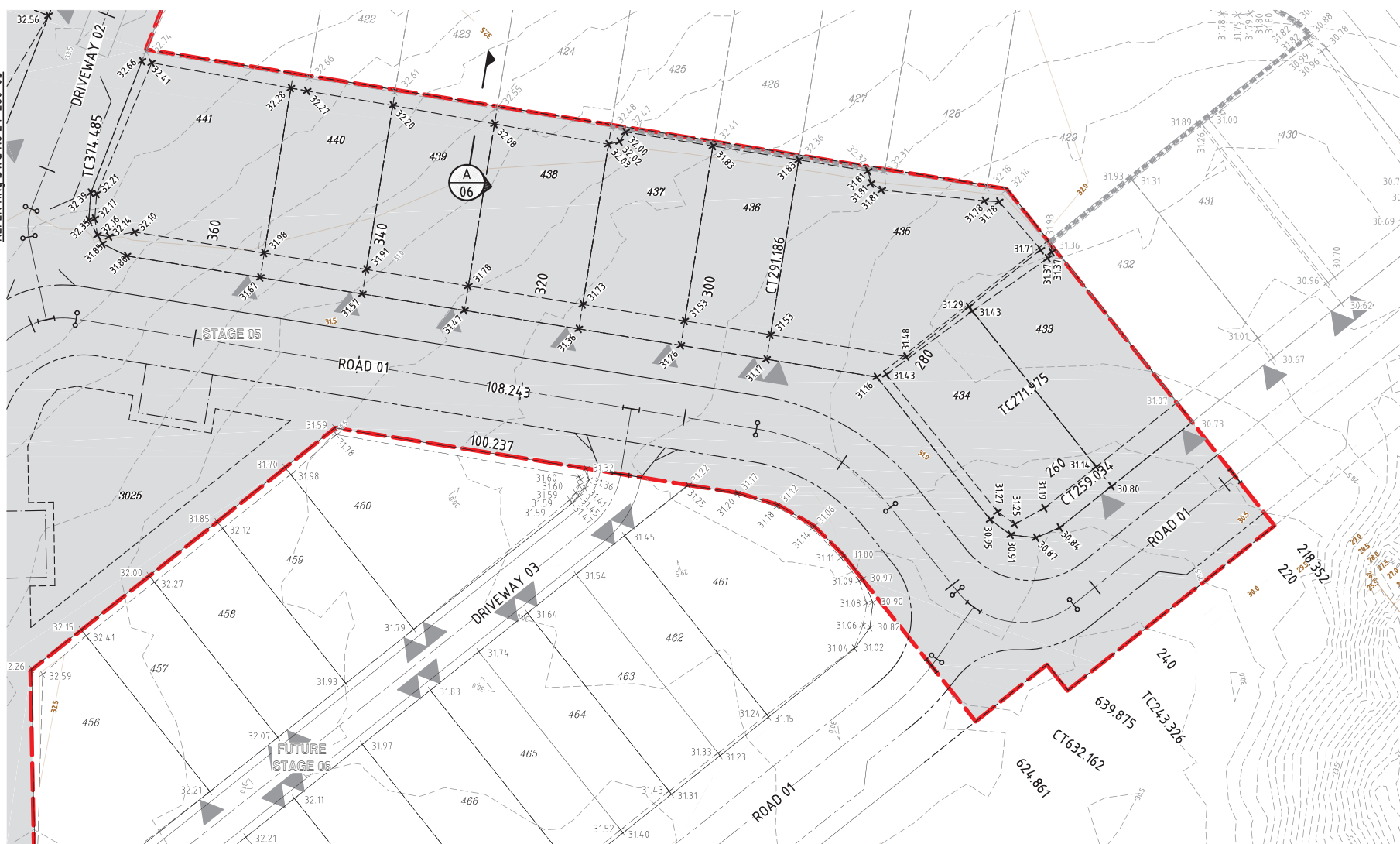
EARTHWORKS
SPOT LEVELS PLAN
SHEET 1

Drawn	Designed	Checked	Date
RP	VS	MAS	JAN'26

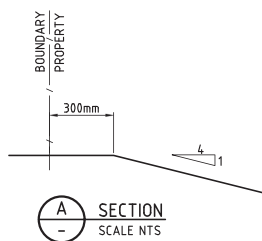
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AS SHOWN	06 of 27

Drawing No	Revision
A1	24-275-06

A



EARTHWORKS SPOT LEVELS PLAN
SCALE 1:250



PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4904

Date: 04 August 2026



-
- LEGEND**
- STAGE BOUNDARY
 - PROPOSED ROAD CENTRELINE
 - M3 MOUNTABLE KERB AND CHANNEL
 - B1 BARRIER KERB AND CHANNEL (300)
 - B2 BARRIER KERB
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 - DRIVEWAY POSITION
 - FINISHED SURFACE LEVELS

SCALE  1 : 250 (A1 UNREDUCED)

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LOCALITY PLAN

STAGE 5



REVISIONS

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Project

RIVERMONT
PRECINCT 3
STAGE 5



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Shaw RPEQ 17544
Date: 2026.02.02
16:06:25+10'00'

Drawing Title

EARTHWORKS
SPOT LEVELS PLAN
SHEET 2

Drawn RP	Designed VS	Checked MAS	Date JAN' 26
Scale AS SHOWN			Sheet 07 of 2
A1	Drawing No 24-275-07		Revision A

NOMINAL PAVEMENT DETAILS

CONTEMPORARY RESIDENTIAL

40mm ASPHALTIC CONCRETE
5mm PRIMER SEAL
100mm BASE COURSE (TYPE 2.1, CBR 80)
100mm UPPER SUB-BASE COURSE (TYPE 2.3, CBR 45)
200mm LOWER SUB-BASE COURSE (TYPE 2.5, CBR 15)
300mm SUBGRADE REPLACEMENT (TYPE 2.5, CBR 15)
DESIGN ESA = 1.2×10^3 ~~3 x 10^5~~

NOMINAL PAVEMENT DETAILS

LIVING RESIDENTIAL

30mm ASPHALTIC CONCRETE
5mm PRIMER SEAL
100mm BASE COURSE (TYPE 2.1, CBR 80)
100mm UPPER SUB-BASE COURSE (TYPE 2.3, CBR 45)
200mm LOWER SUB-BASE COURSE (TYPE 2.5, CBR 15)
SUBGRADE REPLACEMENT 300mm (TYPE 2.5, CBR 15)
DESIGN ESA = 1.2×10^4

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4904

Date: 04 August 2026



AMENDED IN RED

By: Mahima Reshamwala

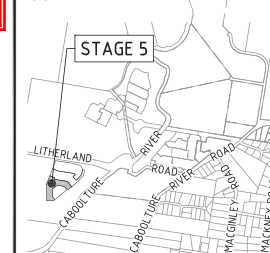
Date: 04 August 2026



DO NOT SCALE THIS DRAWING
IF IN DOUBT - ASK!

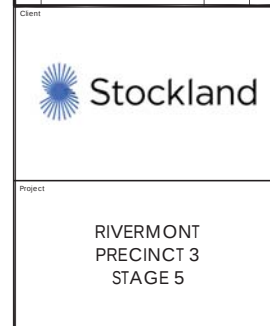


LOCALITY PLAN



REVISIONS

No	Description	Date	By
A	FOR APPROVAL	08.01.2026	RP



RIVERMONT
PRECINCT 3
STAGE 5

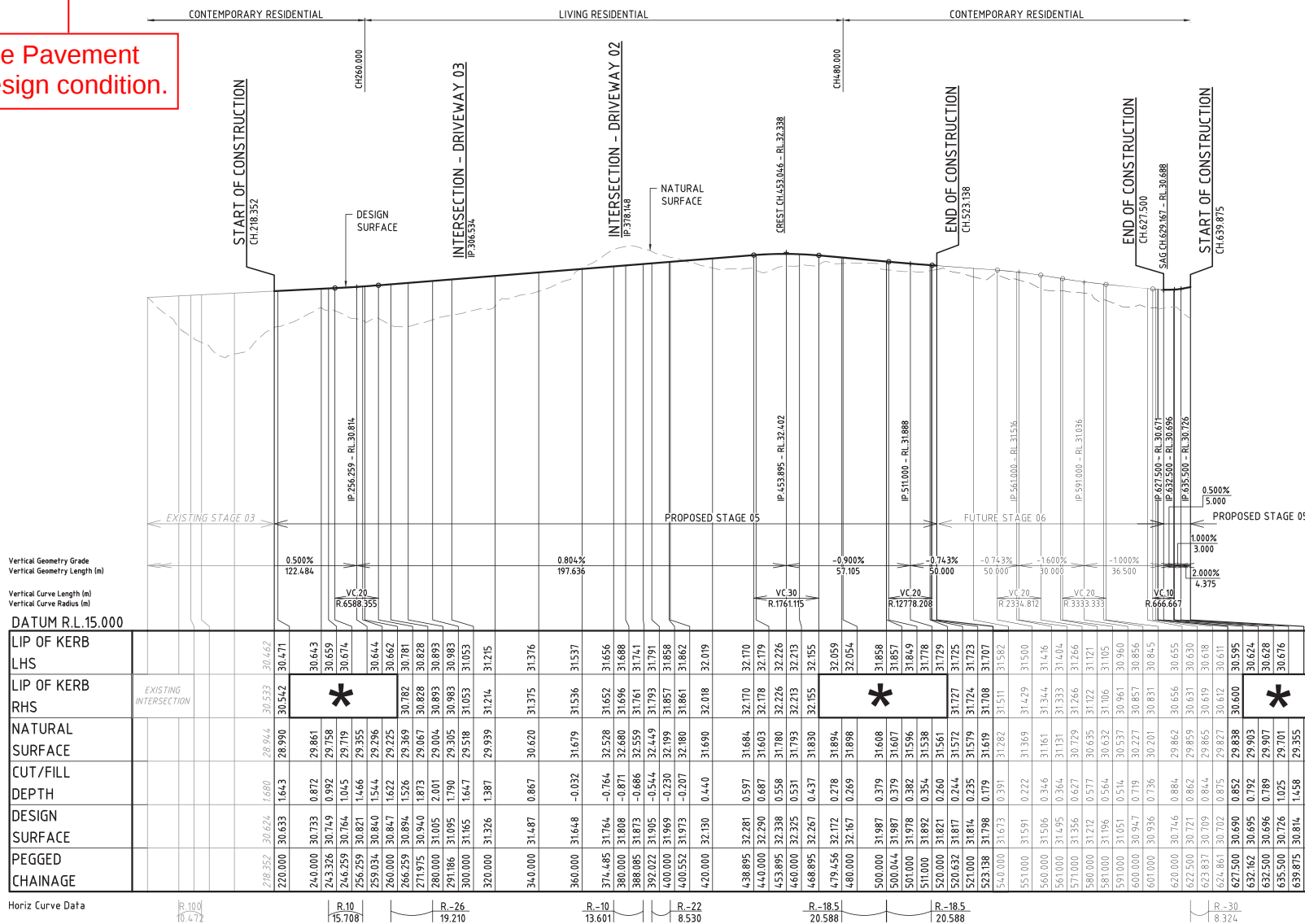
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Date: 2026.02.02
16:06:26+10'00'

Drawing Title
ROADWORKS
LONG, AND CROSS SECTIONS
ROAD 02

Drawn	Designed	Checked	Date
RP	VS	MAS	JAN'26
Scale	Sheet	Revision	
AS SHOWN	08 of 27		
Drawing No	Revision		
A1	24-275-08		A

See Pavement
Design condition.



LONGITUDINAL SECTION - ROAD 01

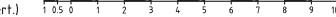
SCALE - 1:1000 (H)
1:100 (V)

REFER INTERSECTION DETAILS ON
KN DWG 24-275-14.

SCALE A 1:1000
(Horiz.)



B 1:100
(Vert.)

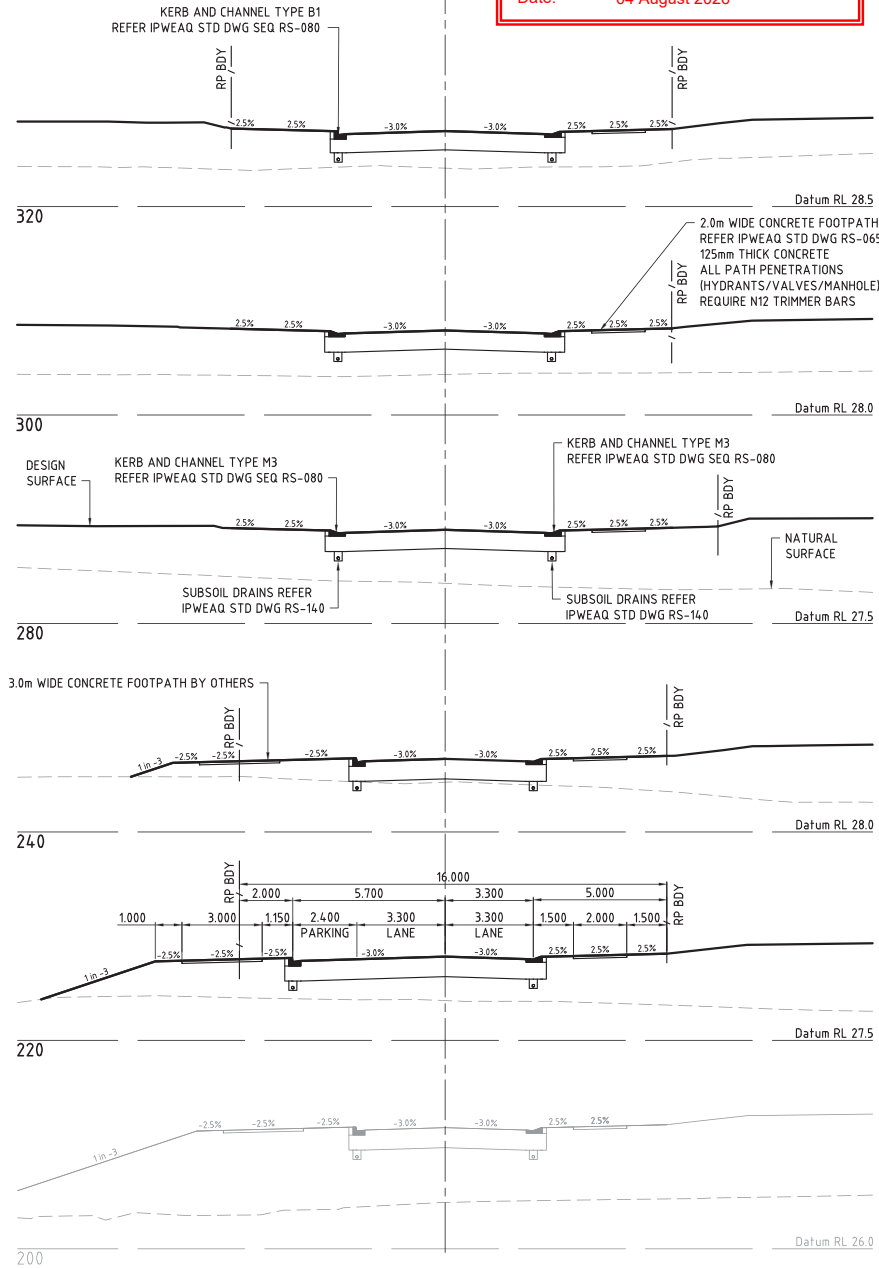


(A1 UNREDUCED)

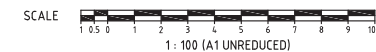
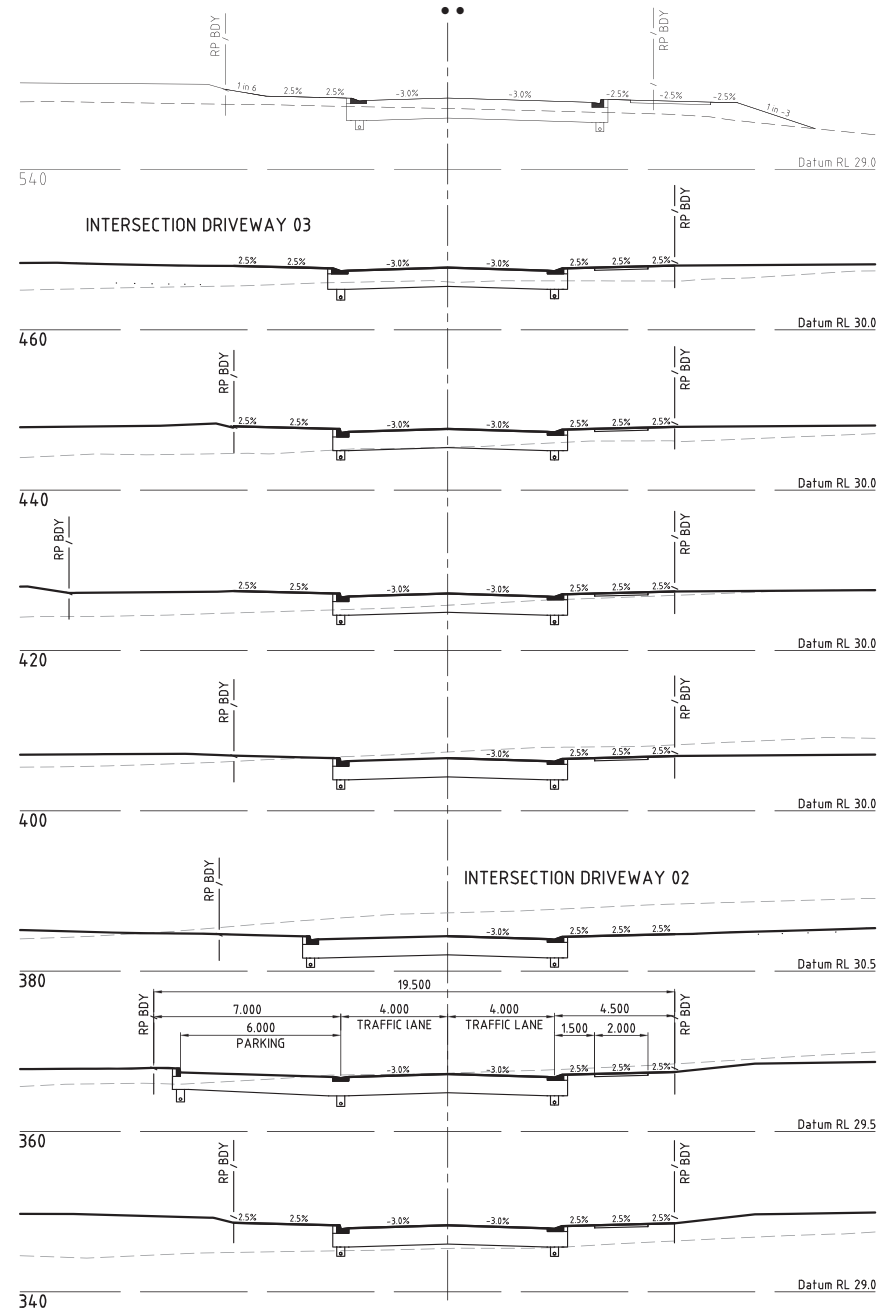
PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4904

Date: 04 August 2026



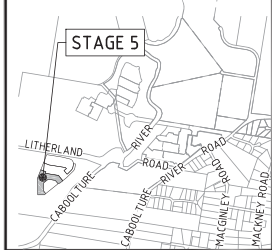
CROSS SECTIONS - ROAD 01



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LOCALITY PLAN



REVISIONS

No	Description	Date	By
A	FOR APPROVAL	08.01.2026	RP

Client



Project

RIVERMONT
PRECINCT 3
STAGE 5



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Date: 2026.02.02
16:06:27+10'00'

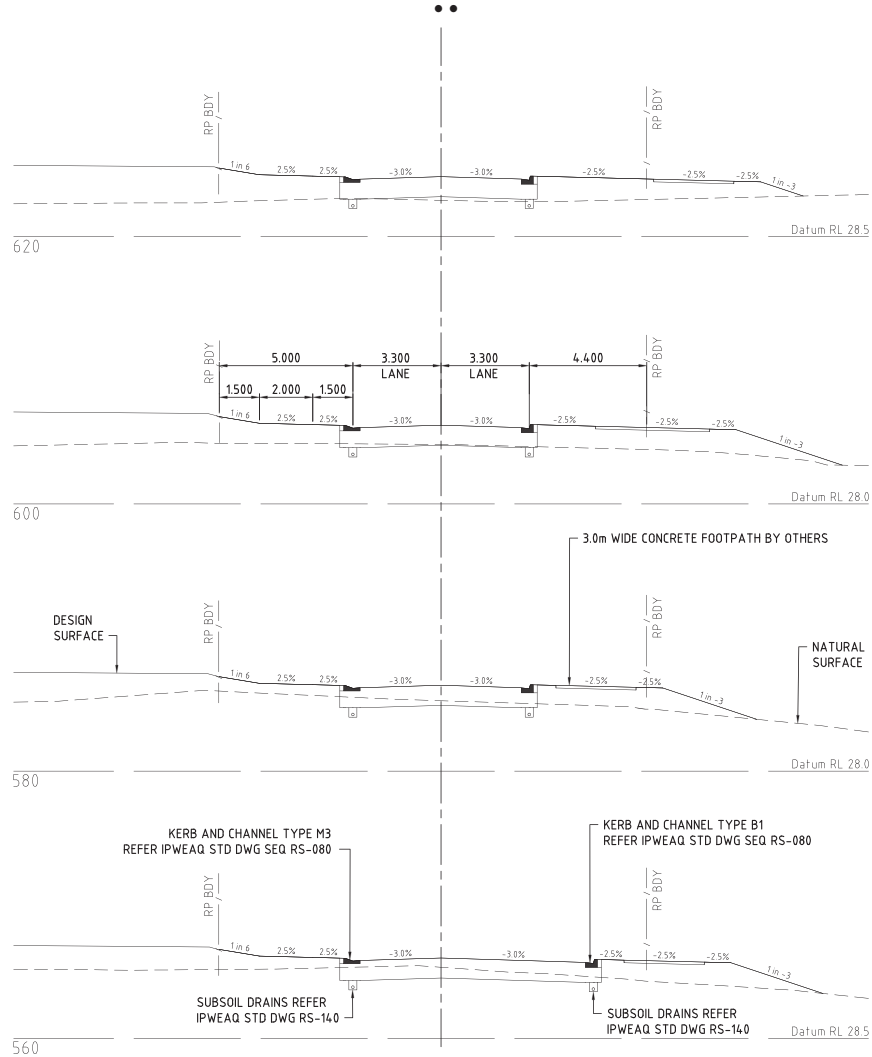
Drawing title
ROADWORKS
LONGITUDINAL SECTION
ROAD 04

Drawn	Designed	Checked	Date
RP	VS	MAS	JAN'26
Scale	Sheet	Revision	
AS SHOWN	09 of 27		
Drawing No	Revision		
A1	24-275-09		A

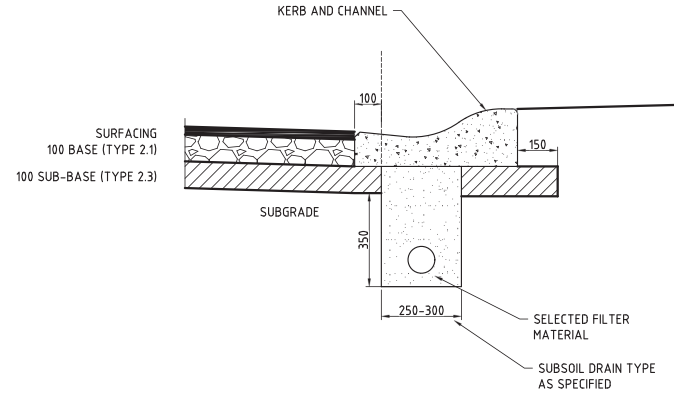
PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4904

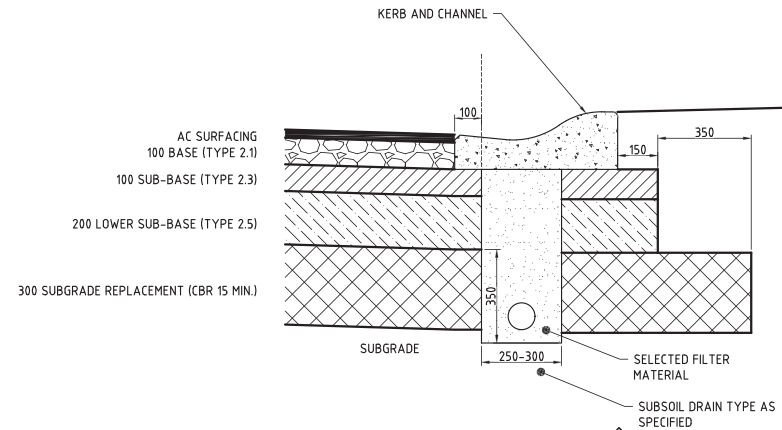
Date: 04 August 2026



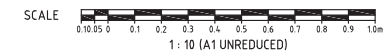
CROSS SECTIONS - ROAD 01



TYPICAL DETAIL SUB-SOIL DRAINAGE
GRATER THAN INSITU CBR 3
SCALE 1:10



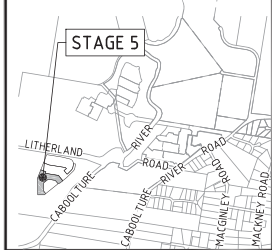
TYPICAL SECTION ROADS ESA 1.2x10⁻⁵
LESS THAN INSITU CBR 3, SWELLS >5%
SCALE 1:10



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LOCALITY PLAN



REVISIONS

No	Description	Date	By
A	FOR APPROVAL	08.01.2026	RP

Client



Project

RIVERMONT
PRECINCT 3
STAGE 5



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Drawing title

ROADWORKS
CROSS SECTIONS
ROAD 04

Drawn	Designed	Checked	Date
RP	VS	MAS	JAN'26
Scale	Sheet	Revision	
AS SHOWN	10 of 27		
Drawing No	24-275-10	Revision	A

NOMINAL PAVEMENT DETAILS

LANEWAY RESIDENTIAL

475mm N14 CONCRETE - EXPOSED AGGREGATE
 SL92 REINFORCEMENT WITH 50mm TOP COVER INCLUDING CROSS OVER
 200mm COMPACTED CBR45 GRAVEL (TYPE 2.3)
 300mm SUBGRADE REPLACEMENT (TYPE 2.5, CBR 45)
 DESIGN ESA = 2.5x10³
 COLOUR: PLAIN GREY
 AGGREGATE: NY TEC JAFFA 90

Final concrete pavement finish to be confirmed with MBC at pre-start meeting or prior to construction commencement.

See Pavement Design condition.

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4904

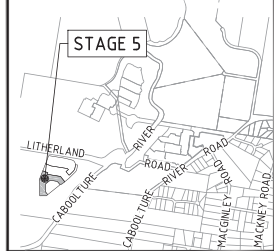
Date: 04 August 2026



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LOCALITY PLAN



REVISIONS

No	Description	Date	By
A	FOR APPROVAL	08.01.2026	RP



Project

RIVERMONT
PRECINCT 3
STAGE 5

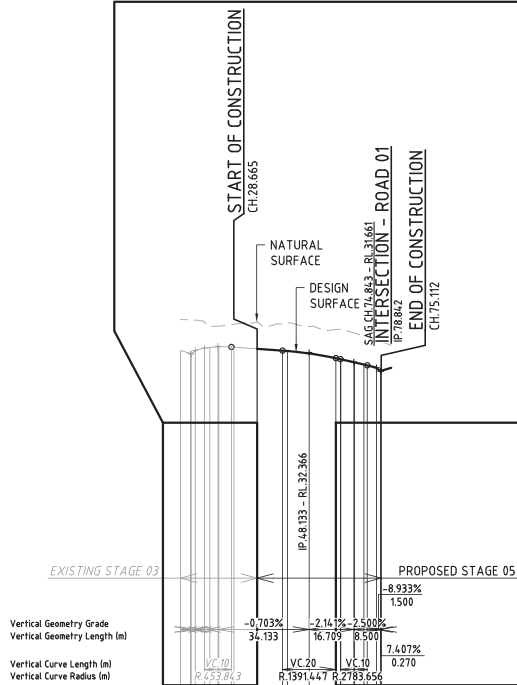


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Drawing Title
 ROADWORKS
 LONG, AND CROSS SECTIONS
 ROAD 07

Drawn	Designed	Checked	Date
RP	VS	MAS	JAN' 26
Scale	Sheet	Revision	
AS SHOWN	11 of 27		
A1	24-275-11	A	



DATUM R.L. 19.000	LIP OF KERB LHS	LIP OF KERB RHS	NATURAL SURFACE	CUT/FILL DEPTH	DESIGN SURFACE	PEGGED CHAINAGE
0.000	32.441	32.441	33.596	-1.055	32.441	0.000
3.730	32.329	32.329	33.595	-1.255	32.329	3.730
4.000	32.309	32.309	33.593	-1.274	32.309	4.000
5.500	32.443	32.443	33.597	-1.154	32.443	5.500
9.000	32.531	32.531	33.446	-0.955	32.531	9.000
14.000	32.556	32.556	33.350	-0.802	32.556	14.000
14.313	32.578	32.578	33.352	-0.772	32.578	14.313
19.000	32.571	32.571	33.406	-0.836	32.571	19.000
20.000	32.563	32.563	33.421	-0.858	32.563	20.000
28.665	32.503	32.503	33.503	-1.001	32.503	28.665
38.133	32.436	32.436	33.436	-1.000	32.436	38.133
40.000	32.422	32.422	33.461	-1.039	32.422	40.000
48.133	32.330	32.330	33.341	-1.012	32.330	48.133
58.842	32.152	32.152	33.225	-1.073	32.152	58.842
60.000	32.112	32.112	33.241	-1.129	32.112	60.000
65.165	31.996	31.996	33.099	-1.096	31.996	65.165
68.627	31.913	31.913	32.995	-1.082	31.913	68.627
69.843	31.883	31.883	32.968	-1.086	31.883	69.843
73.343	31.795	31.795	32.847	-1.051	31.795	73.343
74.843	31.661	31.661	32.792	-1.131	31.661	74.843
75.112	31.681	31.681	32.783	-1.101	31.681	75.112

Horiz Curve Data

R-6	R-6
3.344	3.462

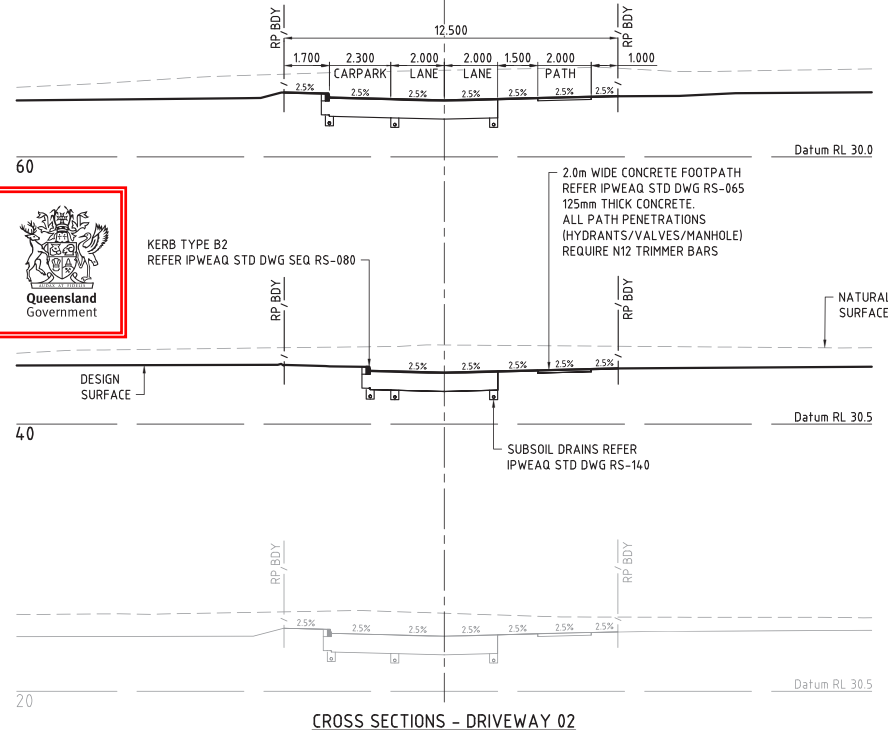
LONGITUDINAL SECTION - DRIVEWAY 02

SCALE = 1:1000 (H)
 1:100 (V)

AMENDED IN RED

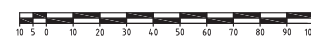
By: Mahima Reshamwala

Date: 04 August 2026



CROSS SECTIONS - DRIVEWAY 02

SCALE A 1:1000
 (Horiz.)

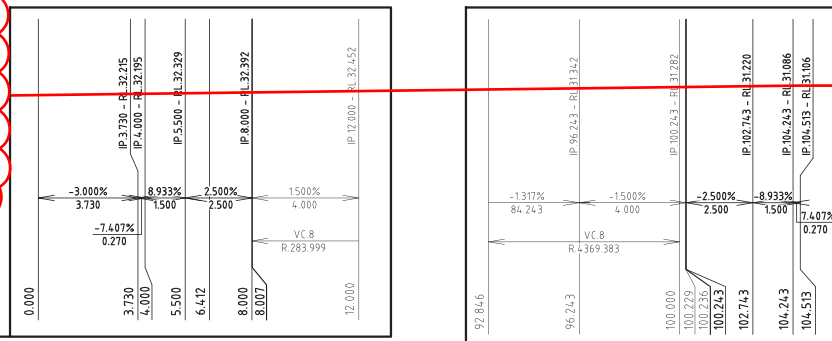


B 1:100
 (Vert.)



(A1 UNREDUCED)

~~475mm N40 CONCRETE EXPOSED AGGREGATE~~
~~SL02 REINFORCEMENT WITH 50mm TOP COVER INCLUDING CROSS OVER~~
~~200mm COMPACTED CBR45 GRAVEL(TYPE 2.3)~~
~~360mm SUBGRADE REPLACEMENT(TYPE 2.5, CBR 45)~~
DESIGN ESA = 2.5×10^3
COLOUR: PLAIN GREY
AGGREGATE: HY-TEC JAFFA 90



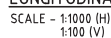
See Pavement Design condition.



4 Queensland Government



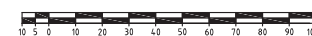
Queensland
Government



REFER
INTERSECTION DETAILS ON
KN DWG 24-275-14



SCALE A 1:1000
(Horiz.)

Sheet
12

(A1 UNREDUCED)

[illegible]

RIVERMONT
PRECINCT 3
STAGE 5



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M. Shaw

Drawing Title
ROADWORKS
LONG, AND CROSS SECTIONS
DRIVEWAY 01

Drawn RP	Designed VS	Checked MAS	Date JAN' 26
Scale AS SHOWN			Sheet 12 of 2
Drawing No A1 24-275-12		Revision A	

SETOUT TABLE

PT No.	EASTING	NORTHING	LEVEL
26	8107.317	11243.183	31.514
27	8106.409	11237.556	31.699
28	8098.413	11238.846	31.760
29	8099.321	11244.473	31.579
30	8082.421	11252.500	31.688
31	8083.810	11253.187	31.677
32	8083.435	11254.980	31.817
33	8082.838	11257.829	31.885
34	8083.305	11263.500	32.027
35	8093.801	11279.461	32.392
36	8095.115	11276.493	32.416
37	8090.536	11264.713	32.171
38	8087.712	11263.477	32.067
39	8088.030	11264.614	32.091
40	8087.749	11261.211	31.964
41	8088.818	11256.106	31.789
42	8089.193	11254.314	31.646
43	8090.741	11254.241	31.637
44	8036.227	11240.108	0.000
45	8036.227	11240.108	0.000
46	8036.227	11240.108	0.000
47	8036.227	11240.108	0.000
48	8036.227	11240.108	0.000
49	8081.461	11226.965	31.903
50	8087.160	11227.062	32.073
51	8087.298	11218.963	32.139
52	8081.599	11218.867	31.967
53	8081.226	11205.478	32.075
54	8081.290	11203.479	32.091

SETOUT TABLE

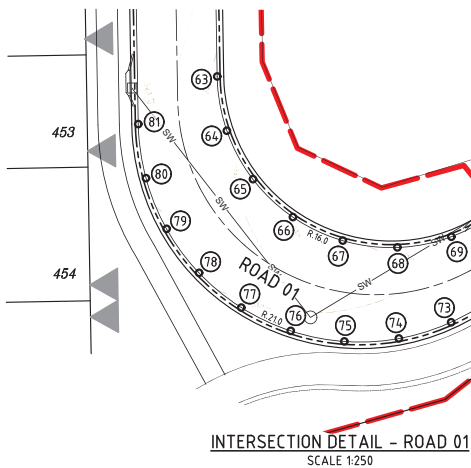
PT No.	EASTING	NORTHING	LEVEL
16	8163.579	11234.408	31.035
17	8162.098	11234.645	31.048
18	8160.785	11233.035	31.197
19	8159.179	11231.066	31.262
20	8154.241	11231.850	31.303
21	8153.341	11234.237	31.258
22	8152.603	11236.179	31.125
23	8151.122	11236.418	31.118
24	8126.996	11240.585	31.353
25	8125.026	11240.933	31.370

SETOUT TABLE

PT No.	EASTING	NORTHING	LEVEL
55	8081.968	11179.762	32.203
56	8081.990	11178.262	32.206
57	8083.810	11177.253	32.347
58	8086.031	11176.020	32.400
59	8086.119	11170.952	32.382
60	8083.938	11169.644	32.320
61	8082.155	11168.575	32.173
62	8082.181	11167.075	32.163

SETOUT TABLE

PT No.	EASTING	NORTHING	LEVEL
63	8082.111	11155.255	32.080
64	8083.013	11150.183	32.026
65	8085.455	11145.647	31.960
66	8089.193	11142.102	31.887
67	8093.852	11139.904	31.823
68	8098.965	11139.272	31.778
69	8104.019	11140.270	31.744
70	8108.507	11142.799	31.707
71	8109.121	11135.582	31.738
72	8108.357	11134.936	31.745
73	8103.993	11132.271	31.777
74	8099.110	11130.755	31.803
75	8094.004	11130.480	31.829
76	8088.986	11131.464	31.854
77	8084.361	11133.647	31.881
78	8080.411	11136.895	31.915
79	8077.377	11141.010	31.962
80	8075.443	11145.744	32.011
81	8074.726	11150.807	32.048

INTERSECTION DETAIL - ROAD 01 & DRIVEWAY 02
SCALE 1:250INTERSECTION DETAIL - ROAD 01
SCALE 1:250

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4904

Date: 04 August 2026

INTERSECTION DETAIL -
ROAD 01 & ROAD 01
SCALE 1:250

SETOUT TABLE

PT No.	EASTING	NORTHING	LEVEL
82	8225.043	11219.612	30.522
83	8221.677	11220.002	30.606

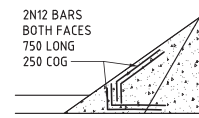
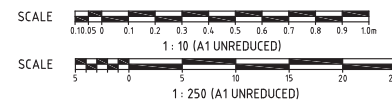
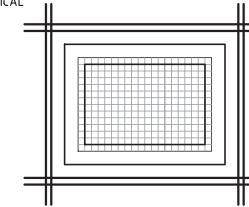
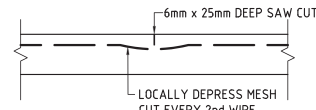
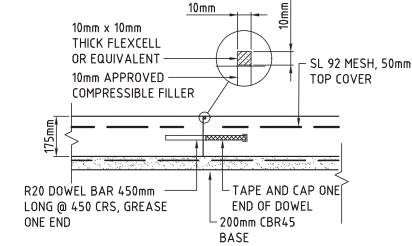
LEGEND

- STAGE BOUNDARY
- PROPOSED ROAD CENTRELINE
- M3 MOUNTABLE KERB AND CHANNEL
- B1 BARRIER KERB AND CHANNEL (300)
- B2 BARRIER KERB
- FINISHED SURFACE CONTOURS
- OFFSET TO KERB FACE

DRIVEWAY SETOUT AND LEVELS ONLY CONSTRUCTED
IN ACCORDANCE WITH IPWEAQ STANDARD DWG RS-051.

GENERAL NOTES

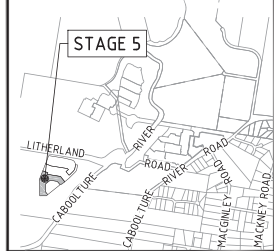
- SETOUT POINTS ARE GIVEN AT KERB LIP LEVELS.
- KERB LIP LEVELS ARE GIVEN AT QUARTER POINTS, TP'S AND EQUAL PARTS U.N.O.
- KERB OFFSETS ARE GIVEN TO THE KERB FACE.
- KERB RADII ARE GIVEN TO THE KERB LIP
- EXTRA DETAIL FOR SETTING OUT IS AVAILABLE ON CAD FILE.

DETAIL A
TYPICAL TREATMENT
N.T.S.REINFORCING DETAIL AT INLETS
SCALE - NTSCUT JOINT
DENOTED 'CJ' ON PLAN
SCALE 1:10DOWEL JOINT
DENOTED 'DJ' ON PLAN
SCALE 1:10

DO NOT SCALE THIS DRAWING
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LOCALITY PLAN



REVISIONS

No	Description	Date	By
A	FOR APPROVAL	08.01.2026	RP



Project

RIVERMONT
PRECINCT 3
STAGE 5

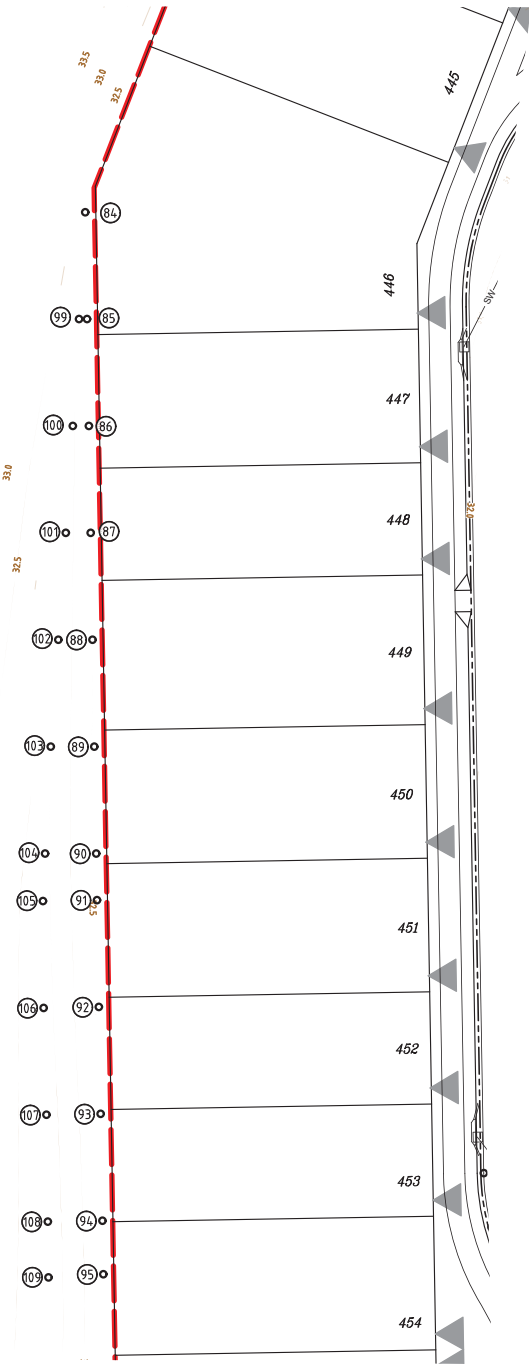


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Shaw RPE0 17544
Date: 2026.02.02
16:06:33+10'00'

Drawing title
ROADWORKS
INTERSECTION DETAILS

Drawn	Designed	Checked	Date
RP	VS	MAS	JAN '26
Scale	Sheet	Revision	
AS SHOWN	13 of 27		
Drawing No	Revision		
A1	24-275-13		A



SWALE SETOUT POINTS
SCALE 1:250

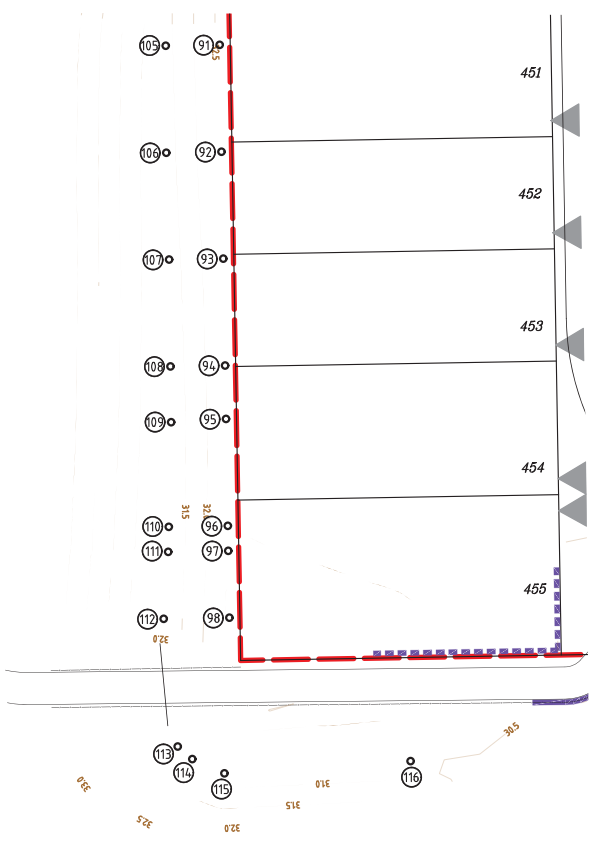
SETOUT TABLE			
PT No.	EASTING	NORTHING	LEVEL
85	8037.601	11230.705	32.261
86	8037.771	11220.706	32.325
87	8037.941	11210.708	32.404
88	8038.111	11200.709	32.481
89	8038.281	11190.711	32.559
90	8038.452	11180.712	32.592
91	8038.526	11176.351	32.596
92	8038.696	11166.352	32.572
93	8038.866	11156.354	32.499
94	8039.036	11146.355	32.459
95	8039.121	11141.356	32.441
96	8039.291	11131.357	32.488
97	8039.331	11129.027	32.500
98	8039.438	11122.765	32.601

SETOUT TABLE			
PT No.	EASTING	NORTHING	LEVEL
84	8037.431	11240.704	32.232
113	8034.605	11110.717	31.309
114	8035.963	11109.541	31.008
115	8038.967	11108.211	30.996
116	8056.383	11109.348	30.915

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4904
Date: 04 August 2026

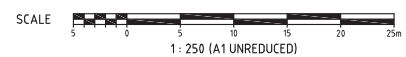
SETOUT TABLE			
PT No.	EASTING	NORTHING	LEVEL
99	8036.848	11230.705	32.097
100	8036.265	11220.706	31.961
101	8035.613	11210.708	31.822
102	8034.908	11200.709	31.680
103	8034.198	11190.711	31.538
104	8033.670	11180.712	31.396
105	8033.476	11176.265	31.333
106	8033.534	11166.264	31.281
107	8033.794	11156.267	31.231
108	8033.927	11146.268	31.181
109	8033.986	11141.057	31.155
110	8033.763	11131.263	31.106
111	8033.710	11128.931	31.094
112	8033.288	11122.662	31.063



SWALE SETOUT POINTS
SCALE 1:250

- LEGEND**
- STAGE BOUNDARY
 - PROPOSED ROAD CENTRELINE
 - M3 MOUNTABLE KERB AND CHANNEL
 - B1 BARRIER KERB AND CHANNEL (300)
 - B2 BARRIER KERB
 - FINISHED SURFACE CONTOURS
 - OFFSET TO KERB FACE

- GENERAL NOTES**
- SETOUT POINTS ARE GIVEN AT KERB LIP LEVELS.
 - KERB LIP LEVELS ARE GIVEN AT QUARTER POINTS, TP'S AND EQUAL PARTS U.N.O.
 - KERB OFFSETS ARE GIVEN TO THE KERB FACE.
 - KERB RADII ARE GIVEN TO THE KERB LIP
 - EXTRA DETAIL FOR SETTING OUT IS AVAILABLE ON CAD FILE.



DO NOT SCALE THIS DRAWING
IF IN DOUBT - ASK!

LOCALITY PLAN

REVISIONS

No	Description	Date	By
A	FOR APPROVAL	08.01.2026	RP

Client

Project

RIVERMONT
PRECINCT 3
STAGE 5

Lt. 62 Astor Terrace, Spring Hill, QLD 4000
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Shaw RPEQ 17544
Date: 2026.02.02
16:06:34+10'00'

Drawing title

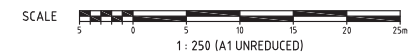
ROADWORKS
INTERSECTION DETAILS
SWALE SETOUT PLAN

Drawn	Designed	Checked	Date
RP	VS	MAS	JAN' 26

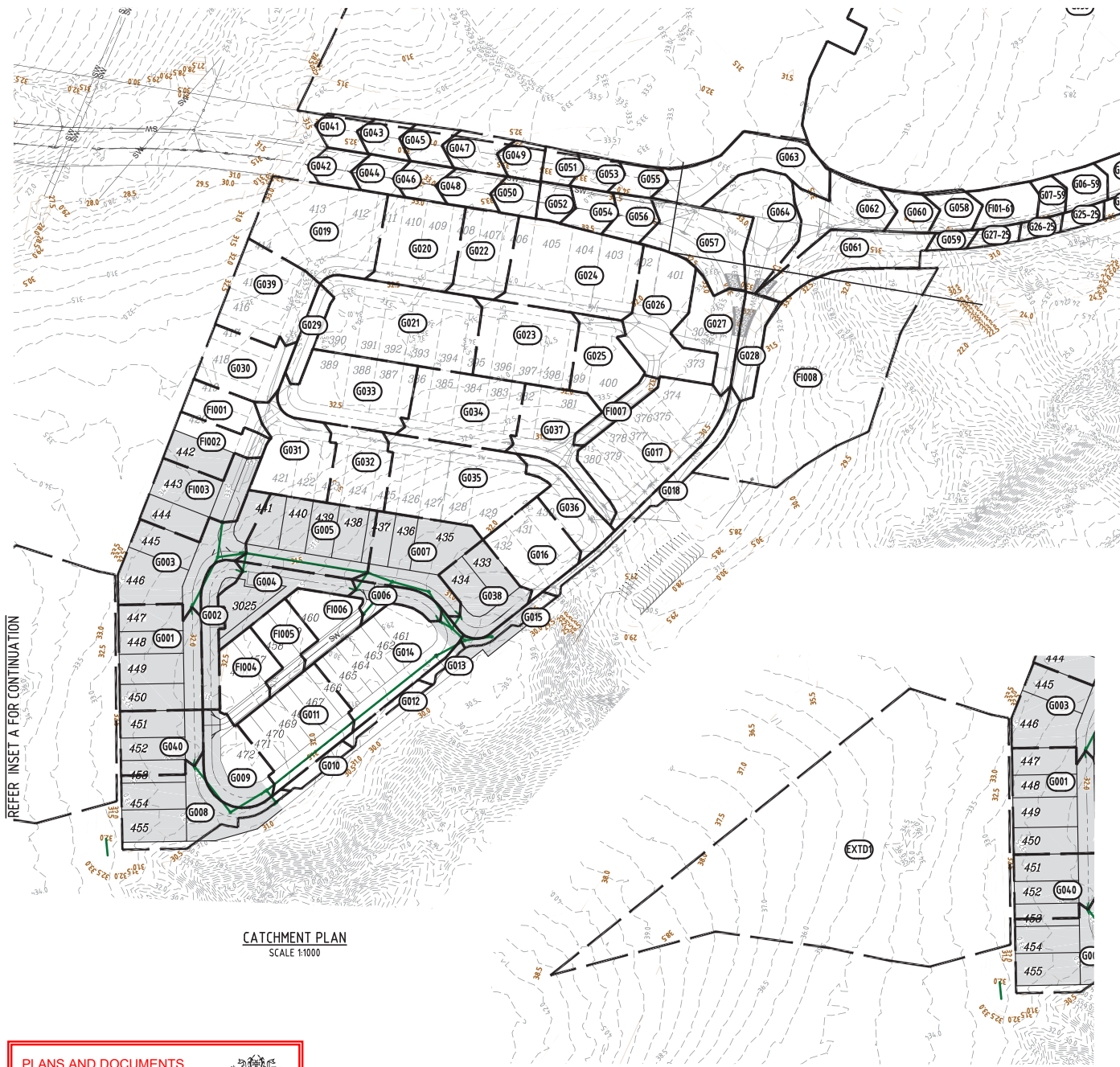
Scale	Sheet
AS SHOWN	14 of 27

Drawing No	Revision
A1	24-275- 14

Revision
A



Drawing Title			
ROADWORKS ROAD SIGNAGE AND LINEMARKING PLAN			
Drawn RP	Designed VS	Checked MAS	Date JAN '26
Scale AS SHOWN			Sheet 15 of 27
A1	Drawing No 24-275-15		Revision A



CATCHMENT PLAN
SCALE 1:1000

INSET A
SCALE 1:1000

CATCHMENT TABLE		CATCHMENT TABLE	
CATCHMENT NO.	AREA (ha)	CATCHMENT NO.	AREA (ha)
G041	0.032	G018	0.060
G043	0.033	F002	0.085
G045	0.035	F001	0.057
G047	0.045	F003	0.132
G042	0.034	G002	0.067
G044	0.034	G004	0.101
G046	0.034	F004	0.085
G048	0.042	F005	0.067
G019	0.225	F006	0.071
G020	0.150	G001	0.067
G049	0.031	G003	0.101
G051	0.026	G005	0.184
G053	0.030	G008	0.167
G055	0.030	G010	0.020
G050	0.033	G012	0.019
G052	0.027	G013	0.010
G054	0.039	G040	0.110
G056	0.039	G009	0.105
G021	0.261	G011	0.169
G023	0.165	G029	0.036
G025	0.101	G039	0.150
G058	0.038	G030	0.107
G060	0.038	G031	0.130
G062	0.107	G006	0.043
G022	0.100	G014	0.205
G059	0.016	G007	0.152
G061	0.122	G033	0.182
G024	0.232	G032	0.098
G026	0.166	G034	0.168
G057	0.132	G035	0.240
G063	0.141	F007	0.033
G064	0.131	G016	0.116
G027	0.096	G036	0.079
G017	0.243	G038	0.109
G028	0.058	G037	0.132
G015	0.022	F008	0.586
EXTD1	1.464		

- LEGEND
- PROPOSED CATCHMENT BOUNDARY
 - EXTERNAL CONTRIBUTING CATCHMENT BOUNDARY
 - CATCHMENT NUMBER
 - BARRIER KERB AND CHANNEL
 - PROPOSED STORMWATER DRAINAGE
 - FINISHED SURFACE CONTOURS
 - NATURAL SURFACE CONTOURS



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NORTH

LOCALITY PLAN

STAGE 5

REVISIONS

No	Description	Date	By
A	FOR APPROVAL	08.01.2026	RP

Client

Stockland

Project

RIVERMONT
PRECINCT 3
STAGE 5

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Drawing Title

STORMWATER
CATCHMENT PLAN

Drawn	Designed	Checked	Date
RP	VS	MAS	JAN' 26

Scale	Sheet
AS SHOWN	16 of 27

Drawing No	Revision
A1	24-275-16

Revision
A

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4904
Date: 04 August 2026

Queensland
Government

PN 2024-03-275 Rivermont P3 Stage 5 Engineering Access 24-275-16-01 Catchment Plan Rev 16 on 2/02/2026 13:32:34 AM

NOTE:
[F1512] CONTRACTOR TO PROVIDE FORM 15 AND 12 FOR ALL MAINTENANCE HOLES GREATER THAN 3m DEPTH.

STRUCTURE NAME	STRUCTURE DESCRIPTION
	PIPEAO FIELD INLET 900x600 F1003
	Y/GATE TO MATCH ROAD XFALL REFER DETAIL
	PIPEAO STD MANHOLE MH001/001
	1050# REFER DETAIL
PIPE SIZEmm (Class)	375(3)
PIPE GRADE %	2.00%
PIPE SLOPE 1 in X	50.00
FULL PIPE FLOW VELOCITY (m/s)	0.36
PART FULL FLOW VELOCITY (m/s)	
DATUM RL 18.0	
WATER LEVEL IN STRUCTURE	31.141 31.141
HYDRAULIC GRADE LEVEL	31.141 31.078 31.070 31.070 31.044
PIPE FLOW (Cumecs)	0.040
PIPE CAPACITY AT GRADE (Cumecs)	0.248
DEPTH TO INVERT	32.098 14.80 14.55 15.37
INVERT LEVEL OF DRAIN	30.618 30.291 30.209
DESIGN SURFACE LEVEL	32.098 31.146
SETOUT CO-ORDINATE	E 8087.089 N1026.773 E 8084.932 N1025.146
RUNNING CHAINAGE	0.000 16.370 16.370

	PIPEAO FIELD INLET 900x600 F1004
	Y/GATE TO MATCH ROAD XFALL REFER DETAIL
	PIPEAO FIELD INLET 900x600 F1005
	Y/GATE TO MATCH ROAD XFALL REFER DETAIL
	PIPEAO FIELD INLET 900x600 F1006
	Y/GATE TO MATCH ROAD XFALL REFER DETAIL
	PIPEAO STD MANHOLE MH002/001
	1050# REFER DETAIL
PIPE SIZEmm (Class)	375(3)
PIPE GRADE %	1.42%
PIPE SLOPE 1 in X	70.47
FULL PIPE FLOW VELOCITY (m/s)	0.25
PART FULL FLOW VELOCITY (m/s)	1.31 (0.05 63.20% A)
DATUM RL 18.0	
WATER LEVEL IN STRUCTURE	31.051 31.051
HYDRAULIC GRADE LEVEL	31.051 31.070 30.710 31.070 31.044
PIPE FLOW (Cumecs)	0.028
PIPE CAPACITY AT GRADE (Cumecs)	0.209
DEPTH TO INVERT	32.118 14.00 14.24 14.44
INVERT LEVEL OF DRAIN	30.718 30.420 30.400 30.668 30.668 30.640 30.607 30.488
DESIGN SURFACE LEVEL	32.118 31.051
SETOUT CO-ORDINATE	E 8109.278 N1190.356 E 8075.663 N1120.347 E 8052.485 N1122.764 E 8066.270 N1124.061
RUNNING CHAINAGE	0.000 21.000 34.272 55.272 20.552 75.874

	EXISTING SURFACE
	PIPEAO 'LP IN LINE' GULLY G002
	2.4m Linet, Type 'S', 130
	PIPEAO 'LP IN LINE' GULLY G003
	2.4m Linet, Type 'S', 130
	REFER DETAIL
PIPE SIZEmm (Class)	375(3)
PIPE GRADE %	0.74%
PIPE SLOPE 1 in X	135.25
FULL PIPE FLOW VELOCITY (m/s)	0.25
PART FULL FLOW VELOCITY (m/s)	
DATUM RL 18.0	
WATER LEVEL IN STRUCTURE	31.056 31.056
HYDRAULIC GRADE LEVEL	31.056 31.031 31.029 31.033 30.947
PIPE FLOW (Cumecs)	0.027
PIPE CAPACITY AT GRADE (Cumecs)	0.151
DEPTH TO INVERT	14.00 14.00 14.60 14.80
INVERT LEVEL OF DRAIN	30.201 30.138 30.118
DESIGN SURFACE LEVEL	31.056 31.031
SETOUT CO-ORDINATE	E 8096.549 N11024.978 E 8088.194 N11023.339
RUNNING CHAINAGE	0.000 8.521 8.521

	PIPEAO 'LP IN LINE' GULLY G004
	2.4m Linet, Type 'S', 130
	PIPEAO 'LP IN LINE' GULLY G005
	2.4m Linet, Type 'S', 130
	REFER DETAIL
PIPE SIZEmm (Class)	375(3)
PIPE GRADE %	1.00%
PIPE SLOPE 1 in X	100.00
FULL PIPE FLOW VELOCITY (m/s)	0.29
PART FULL FLOW VELOCITY (m/s)	
DATUM RL 18.0	
WATER LEVEL IN STRUCTURE	30.770 30.770
HYDRAULIC GRADE LEVEL	30.770 30.736 30.733 30.733 30.658
PIPE FLOW (Cumecs)	0.032
PIPE CAPACITY AT GRADE (Cumecs)	0.175
DEPTH TO INVERT	14.00 14.00 14.60 14.80
INVERT LEVEL OF DRAIN	29.772 29.678 29.658
DESIGN SURFACE LEVEL	31.072 31.138
SETOUT CO-ORDINATE	E 8140.370 N11238.454 E 8154.694 N11024.222
RUNNING CHAINAGE	0.000 9.417 9.417

	DESIGN SURFACE
	PIPEAO 'LP IN LINE' GULLY G006
	2.4m Linet, Type 'S', 130
	PIPEAO STD MANHOLE MH004/001
	1200# REFER DETAIL
PIPE SIZEmm (Class)	375(3)
PIPE GRADE %	1.00%
PIPE SLOPE 1 in X	100.00
FULL PIPE FLOW VELOCITY (m/s)	0.22
PART FULL FLOW VELOCITY (m/s)	
DATUM RL 18.0	
WATER LEVEL IN STRUCTURE	30.082 30.082
HYDRAULIC GRADE LEVEL	30.082 30.062 30.061 30.068 29.996
PIPE FLOW (Cumecs)	0.024
PIPE CAPACITY AT GRADE (Cumecs)	0.175
DEPTH TO INVERT	14.00 14.00 14.60 1.61
INVERT LEVEL OF DRAIN	29.397 29.331 29.180
DESIGN SURFACE LEVEL	30.197 30.191
SETOUT CO-ORDINATE	E 8197.614 N11223.977 E 8194.030 N11228.335
RUNNING CHAINAGE	0.000 6.581 6.581

	PIPEAO 'LP IN LINE' GULLY G007
	2.4m Linet, Type 'S', 130
	PIPEAO STD MANHOLE MH004/001
	1200# REFER DETAIL
PIPE SIZEmm (Class)	375(3)
PIPE GRADE %	1.00%
PIPE SLOPE 1 in X	100.00
FULL PIPE FLOW VELOCITY (m/s)	0.46
PART FULL FLOW VELOCITY (m/s)	
DATUM RL 18.0	
WATER LEVEL IN STRUCTURE	30.152 30.152
HYDRAULIC GRADE LEVEL	30.152 30.067 30.061 30.068 29.996
PIPE FLOW (Cumecs)	0.051
PIPE CAPACITY AT GRADE (Cumecs)	0.175
DEPTH TO INVERT	14.00 14.00 14.92 1.61
INVERT LEVEL OF DRAIN	29.365 29.299 29.180
DESIGN SURFACE LEVEL	30.165 30.191
SETOUT CO-ORDINATE	E 8197.614 N11223.977 E 8194.030 N11228.335
RUNNING CHAINAGE	0.000 6.625 6.625

	PIPEAO 'LP IN LINE' GULLY G008
	2.4m Linet, Type 'S', 130
	PIPEAO 'LP IN LINE' GULLY G009
	2.4m Linet, Type 'S', 130
	OVER 1050# PH REFER DETAIL
PIPE SIZEmm (Class)	375(3)
PIPE GRADE %	0.40%
PIPE SLOPE 1 in X	250.01
FULL PIPE FLOW VELOCITY (m/s)	0.44
PART FULL FLOW VELOCITY (m/s)	
DATUM RL 18.0	
WATER LEVEL IN STRUCTURE	31.153 31.153
HYDRAULIC GRADE LEVEL	31.153 31.075 31.070 31.070 30.974
PIPE FLOW (Cumecs)	0.049
PIPE CAPACITY AT GRADE (Cumecs)	0.111
DEPTH TO INVERT	14.45 14.93 1.53
INVERT LEVEL OF DRAIN	30.247 30.218 30.198
DESIGN SURFACE LEVEL	31.172 31.111
SETOUT CO-ORDINATE	E 8112.154 N1137.300 E 8017.715 N11142.876
RUNNING CHAINAGE	0.000 7.127 7.127

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL
Approval no: DEV-2026-WAR-4904
Date: 04 August 2026



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LOCALITY PLAN

STAGE 5

REVISIONS

Client

Project

RIVERMONT PRECINCT 3 STAGE 5

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Drawing Title

STORMWATER LONG SECTIONS SHEET 1

Drawn RP

Designed VS

Checked MAS

Date JAN '26

Scale AS SHOWN

Sheet 17 of 27

Drawing No A1

24-275-17

Revision A

STRUCTURE NAME	STRUCTURE DESCRIPTION
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NOTE:
[F1512] CONTRACTOR TO PROVIDE FORM 15 AND 12 FOR ALL MAINTENANCE HOLES GREATER THAN 3m DEPTH.

PIPE SIZEmm (Class)	375(3)	375(3)	375(3)	375(3)	450(3)
PIPE GRADE %	100.00	0.82%	0.87%	1.25%	0.81%
PIPE SLOPE 1 in X	100.00	122.67	115.40	80.23	123.24
FULL PIPE FLOW VELOCITY (m/s)	0.27	0.27	0.94	1.44	1.61
PART FULL FLOW VELOCITY (m/s)					
DATUM RL 18.0					
WATER LEVEL IN STRUCTURE	31.119	31.083	31.070	30.793	29.956
HYDRAULIC GRADE LEVEL	31.119	31.082	31.070	30.793	29.949
PIPE FLOW (Cumecs)	0.030	0.030	0.103	0.159	0.257
PIPE CAPACITY AT GRADE (Cumecs)	0.175	0.158	0.163	0.196	0.257
DEPTH TO INVERT	1.400	1.491	1.493	1.460	1.821
INVERT LEVEL OF DRAIN	30.671	30.399	30.288	29.747	28.786
DESIGN SURFACE LEVEL	32.071	31.090	31.111	31.207	30.745
SETOUT CO-ORDINATE	E 8074.125	E 8098.841	E 8107.775	E 8148.495	E 8199.949
RUNNING CHAINAGE	0.000	27.200	19.690	52.100	48.301

004

STRUCTURE NAME	STRUCTURE DESCRIPTION
0001	PIPEAO 'LP IN LINE' GULLY 2.4m Linel, Type 'S', 130 REFER DETAIL
0003	PIPEAO STD MANHOLE 1050Ø REFER DETAIL
0005	PIPEAO 'LP IN LINE' GULLY 2.4m Linel, Type 'S', 130 REFER DETAIL
0005	PIPEAO 'LP IN LINE' GULLY 2.4m Linel, Type 'S', 130 REFER DETAIL
0005	PIPEAO STD MANHOLE 1050Ø REFER DETAIL
0003	PIPEAO 'LP IN LINE' GULLY 2.4m Linel, Type 'S', 130 REFER DETAIL
0003	PIPEAO STD MANHOLE 1050Ø REFER DETAIL
0004	PIPEAO STD MANHOLE 1050Ø REFER DETAIL
0005	PIPEAO STD MANHOLE 1050Ø REFER DETAIL
0006	PIPEAO STD MANHOLE 1050Ø REFER DETAIL
0007	PIPEAO STD MANHOLE 1050Ø REFER DETAIL

001

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4904

Date: 04 August 2026



SCALE A 1:1000
(Horiz.)



B 1:100
(Vert.)

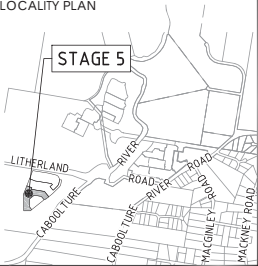


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NORTH

LOCALITY PLAN



REVISIONS

No	Description	Date	By
A	FOR APPROVAL	08.01.2026	RP

Client



Project

RIVERMONT
PRECINCT 3
STAGE 5


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Drawing Title

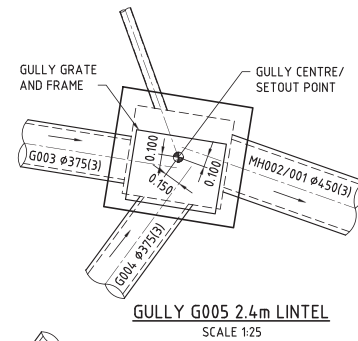
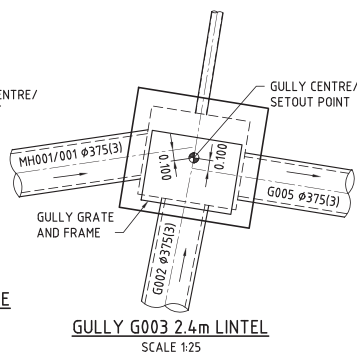
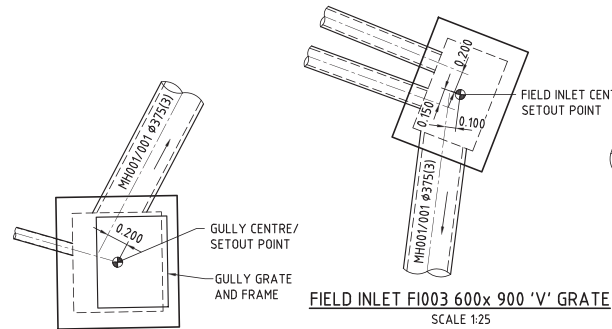
STORMWATER
LONG SECTIONS
SHEET 2

Drawn	Designed	Checked	Date
RP	VS	MAS	JAN '26

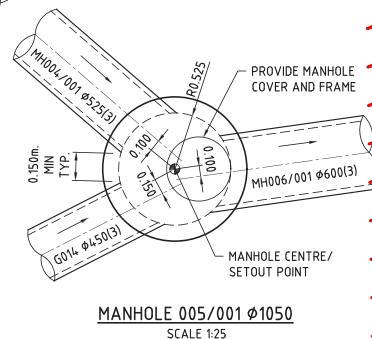
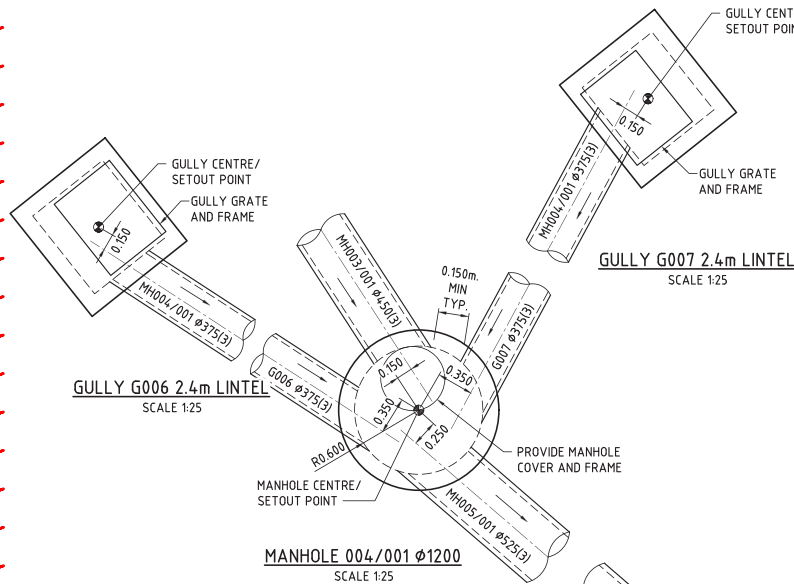
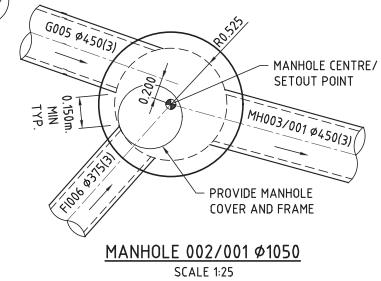
Scale	Sheet	Revision
AS SHOWN	18 of 27	

Drawing No	Revision
A1	24-275-18


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Date: 2026.02.02 16:06:40+10'00'



Refer to Stormwater
Manhole / Pit Roof
Water Connections
condition.



CONSTRUCTION EQUIPMENT	PIPE CLASS	MINIMUM COMPACTION COVER TO PIPE OBVERT								
		375Ø	450Ø	525Ø	600Ø	675Ø	750Ø	825Ø	900Ø	1050Ø-1500Ø
VIBRATORY RAMMER (UP TO 75kg)	2	0.450	0.400	0.400	0.350	0.350	0.300	0.300	0.250	0.250
VIBRATORY TRENCH ROLLER (UP TO 21)	3	0.300	0.300	0.300	0.250	0.250	0.200	0.200	0.200	0.200
VIBRATORY SMOOTH DRUM (UP TO 7H)	2	0.400	0.400	0.350	0.250	0.250	0.200	0.200	0.200	0.200
VIBRATORY SMOOTH DRUM (UP TO 10H)	3	0.250	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
EXCAVATOR & COMPACTION WHEEL (15t)	2	0.700	0.700	0.650	0.650	0.650	0.600	0.600	0.400	0.400
EXCAVATOR & COMPACTION WHEEL (25t)	3	0.450	0.450	0.450	0.350	0.350	0.200	0.200	0.200	0.200
EXCAVATOR & COMPACTION WHEEL (15t)	2	0.850	0.850	0.800	0.800	0.800	0.750	0.750	0.750	0.750
EXCAVATOR & COMPACTION WHEEL (25t)	3	0.550	0.550	0.500	0.500	0.500	0.200	0.200	0.200	0.200
GRADER (CAT120H) (14.5t)	2	0.700	0.650	0.650	0.650	0.650	0.600	0.600	0.550	0.550
GRADER (CAT140H) (17.0t)	3	0.450	0.450	0.450	0.450	0.450	0.350	0.350	0.250	0.250
SCRAPER (CAT13CH) (27.2t)	2	1.050	1.000	0.950	0.900	0.900	0.850	0.850	0.750	0.750
SCRAPER (CAT162IF) (53.8t)	3	0.650	0.650	0.650	0.650	0.650	0.600	0.600	0.500	0.500
DOZER (CATD7G)	2	0.600	0.600	0.450	0.200	0.200	0.200	0.200	0.200	0.200
DOZER (CATD9R)	3	0.600	0.450	0.450	0.200	0.200	0.200	0.200	0.200	0.200
EXCAVATOR (CAT315B) (15.8t)	2	0.600	0.600	0.600	0.600	0.600	0.200	0.200	0.200	0.200
EXCAVATOR (CAT317) (17.3t)	3	0.600	0.600	0.600	0.600	0.600	0.200	0.200	0.200	0.200
EXCAVATOR (CAT325B) (25.9t)	2	0.700	0.700	0.650	0.650	0.650	0.600	0.600	0.600	0.600
	3	0.650	0.650	0.600	0.600	0.600	0.600	0.600	0.600	0.600
	2	0.600	0.600	0.600	0.200	0.200	0.200	0.200	0.200	0.200
	3	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
	2	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600
	3	0.600	0.600	0.600	0.600	0.600	0.200	0.200	0.200	0.200
	2	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
	3	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
	2	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
	3	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
	2	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
	3	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200

SCALE 1: 25 (AS UNREDUCED)

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LOCALITY PLAN

STAGE 5

LITTERLAND RIVER ROAD DOUG MAUGLEY ROAD

REVISIONS

No	Description	Date	By
A	FOR APPROVAL	08.01.2026	RP

Client

Project

RIVERMONT
PRECINCT 3
STAGE 5

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Shaw RPEP 17544
Date: 2026.02.02
16:06:42+10'00'

Drawing Title

STORMWATER
MANHOLE DETAILS
SHEET 1

Drawn	Designed	Checked	Date
RP	VS	MAS	JAN '26

Scale

AS SHOWN

Drawing No

A1

24-275-19

Sheet

19 of 27

Revision

A

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

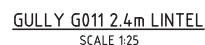
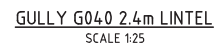
Approval no: DEV-2026-WAR-4904
Date: 04 August 2026



AMENDED IN RED

By: Mahima Reshamwala
Date: 04 August 2026





SCALE  0.5 0 0.5 1.0 1.5 2.0 2.5m
1 : 25 (A1 UNREDUCED)



Drawn RP	Designed VS	Checked MAS	Date JAN' 26
Scale AS SHOWN			Sheet 20 of 2
A1	Drawing No 24-275-20		Revision A

[illegible]

Drawing Title			
STORMWATER CALCULATION TABLE SHEET 2			
Drawn RP	Designed VS	Checked MAS	Date JAN '26
Scale AS SHOWN			Sheet 22 of 27
A1	Drawing No 24-275-22		Revision A

