



RIVERMONT PRECINCT 2 STAGE 10 - 27 LOTS

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PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4919

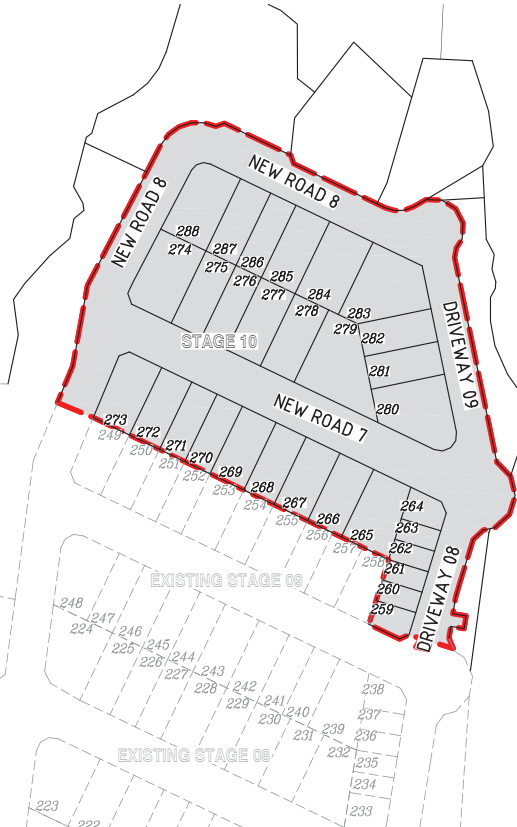
Date: 29 July 2026



AMENDED IN RED

By: Mahima Reshamwala

Date: 29 July 2026



PLAN
SCALE 1:1000

Refer to Stormwater Manhole / Pit
Roof Water Connections condition.

GENERAL NOTES

- ALL WORK SHALL BE JOINED NEATLY TO EXISTING CONSTRUCTION.
- WHERE REFERENCE IS MADE ON THESE DRAWINGS TO A KERB LINE, IT SHALL BE TAKEN TO MEAN THE KERB INVERT LINE.
- LEVELS FOR KERB AND CHANNEL CONSTRUCTION ARE SHOWN AT LIP OF CHANNEL UNLESS SHOWN OTHERWISE.
- 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 N32 AND THE DEPTH INCREASED BY 50mm TO 175mm AT INVERT. FLUSH KERB TO BE INCREASED IN DEPTH BY 50mm TO 280mm.
- IF MACHINE MADE KERB AND CHANNEL IS USED, EXTRA FINES AND 20mm SLUMP IS REQUIRED.
- ALL DRAINAGE CENTRE LINES ARE TO BE 15m FROM INVERT OF KERB FOR 6.0m WIDE ROADS AND 2.0m OFF THE INVERT OF THE KERB FOR ALL OTHERS, UNLESS OTHERWISE SHOWN.
- GULLY CONNECTIONS AND STORM WATER PIPES SHALL BE 375mm DIAMETER CLASS '3' R.C. PIPES UNLESS SHOWN OTHERWISE.
- THE CONTRACTOR SHALL INITIALLY EXCAVATE THE PAVEMENT BOX TO 225mm 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.
- 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.
- THE MINIMUM CLEARANCE BETWEEN OUTER WALLS OF PIPES IN MANHOLES SHALL BE 150mm.
- SUBSURFACE DRAIN CLEANING POINTS SHALL BE INSTALLED IN ACCORDANCE WITH IPWEAQ STD DWG NO SEQ R-140.
- 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".
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL ERECT A STAPICKET AND 2 STRAND WIRE FENCE TO THE PERIMETER OF VEGETATION TO BE RETAINED.

ROOFWATER

- UPVC SEWER PIPES TO BE USED SHALL BE --
(a) PIPES - CLASS SH (TO AS 1260)
(b) FITTINGS - CLASS M (TO AS 1260)
- THE MINIMUM COVER TO ALL ROOFWATER DRAINAGE LINES SHALL BE 300mm FOR ER AND 450mm FOR UPVC, EXCEPT IN THE CASE OF 100mm DIAMETER LINES DISCHARGING THROUGH KERB INTO CHANNEL.
- THE ENDS OF 100mm 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.
- ALL ROOFWATER LINES TERMINATING IN THE KERB AND CHANNEL SHALL BE LINED AT A MINIMUM GRADE 1 IN 50 AND SHALL HAVE A 'KACEY' CAST ALUMINIUM KERB ADAPTOR OR EQUIVALENT.
- THE ENDS OF ALL LINES SHALL BE PLUGGED WITH APPROVED FITTINGS.
- PROVIDE 2 KERB ADAPTORS FOR ALL LOTS. ALL KERB ADAPTORS SHALL BE CAST INTO KERB AND CHANNEL UNLESS PIPED CONNECTION TO SW STRUCTURE PROVIDED.
- WHERE THE COVER IS LESS THAN 400mm FOR ROOFWATER THE PIPE CLASS SHALL BE SEH UPVC.
- THE KERB ADAPTOR SHALL BE LOCATED SO THAT ITS CENTRE LINE IS 300mm FROM THE PROJECTION OF THE SIDE BOUNDARY AT THE KERB LINE.

DO NOT SCALE THIS DRAWING
IF IN DOUBT - ASK!



LOCALITY PLAN

STAGE 10



REVISIONS

No	Description	Date	By
A	FOR APPROVAL	22.04.2026	DF



RIVERMONT
PRECINCT 2
STAGE 10



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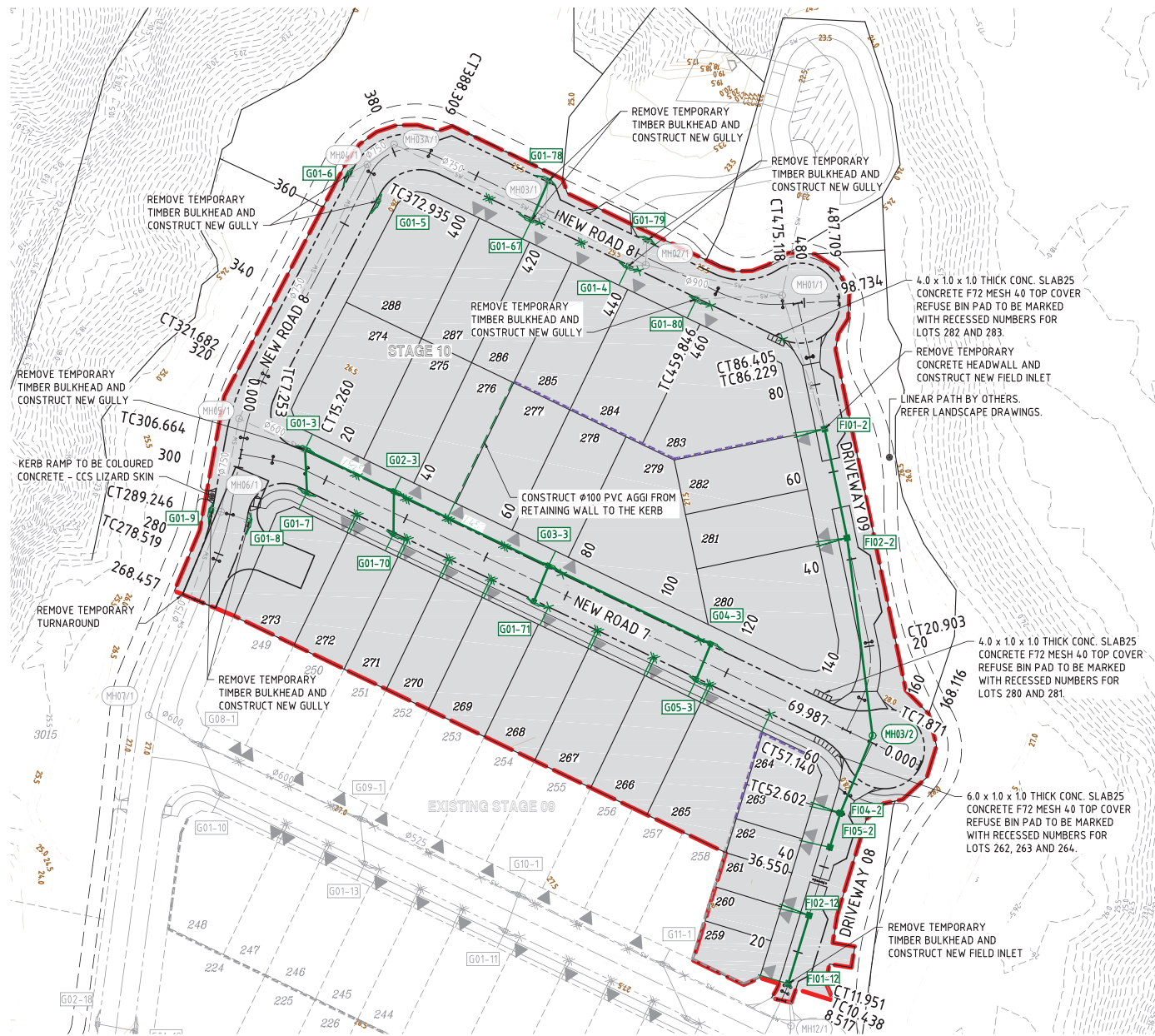
Approved Director - IPWEAQ 17544
Digitally signed by Mark Shaw RPEQ 17544
Date: 2026.04.27 08:48:02+1000

Drawing Title
GENERAL
LOCALITY PLAN,
DRAWING INDEX AND NOTES

Drawn	Designed	Checked	Date
DF	JB	MAS	APR 26
Scale	Sheet	Revision	
AS SHOWN	01 of 23		
A1	24-280-01	A	

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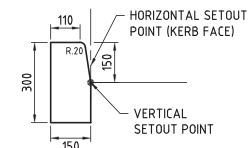
PN 2024-24-280-Rivermont P3 Stage 10 Engineering Addendum 31-280-03-GE-LAYOUT.dwg (Printed by: DF on 22/04/2026 2:58:09 PM)



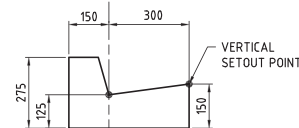
LAYOUT PLAN
SCALE 1:500

LEGEND

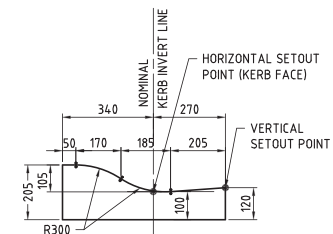
- STAGE BOUNDARY
- PROPOSED ROAD CENTRELINE
- M3 MOUNTABLE KERB AND CHANNEL
- B1 BARRIER KERB AND CHANNEL (300)
- B2 BARRIER KERB
- PROPOSED STORMWATER DRAINAGE
- PROPOSED STORMWATER SUBSOIL
- CONCRETE SLEEPER RETAINING WALL
- FUTURE SLEEPER RETAINING WALL
- EXISTING SURFACE CONTOURS
- FINISHED SURFACE CONTOURS
- STORMWATER MANHOLE NUMBER
- STORMWATER GULLY PIT NUMBER
- DRIVEWAY POSITION
- FLUSHING POINT (SIDEDRAIN)
- 150Ø ROOFWATER CONNECTION TO GULLY PIT/MH
- MIN 450mm COVER IN LOT
- 100Ø PVC ROOFWATER CONNECTION TO KERB ADAPTOR
- KERB ADAPTOR LOCATION
- EXISTING STORMWATER
- EXISTING WATER MAIN



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 -
M3 MOUNTABLE KERB AND CHANNEL
SCALE 1:10



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LOCALITY PLAN

STAGE 10



REVISIONS

No	Description	Date	By
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Client



Project

RIVERMONT
PRECINCT 2
STAGE 10



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Digitally signed by
Mark Shaw RPEQ
17544
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08:48:04+1000'00'

Drawing Title
GENERAL
LAYOUT PLAN

Drawn	Designed	Checked	Date
DF	JB	MAS	APR 26
Scale	Sheet	Revision	
AS SHOWN	03 of 23		
Drawing No	Revision		
A1	24-280-03		A



FIRE ANT TREATMENT ZONE
HIGH RISK FIRE ANT RESTRICTED AREA (RED ZONE).
MOVEMENT OF RESTRICTED ITEMS SHALL BE IN
ACCORDANCE WITH DEPARTMENT OF AGRICULTURE,
FISHERIES AND FORESTRY REQUIREMENTS. REFER TO
www.daff.qld.gov.au



PROPOSED WORKS ARE NEAR EXISTING SERVICES. CONTRACTOR TO COMPLETE DBYD AND LOCATE ALL EXISTING SERVICES PRIOR TO COMMENCING CONSTRUCTION.
POST SERVICE LOCATION, CONTRACTOR TO SUPPLY SURVEY INFORMATION TO SUPERINTENDENT'S REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF WORK.

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

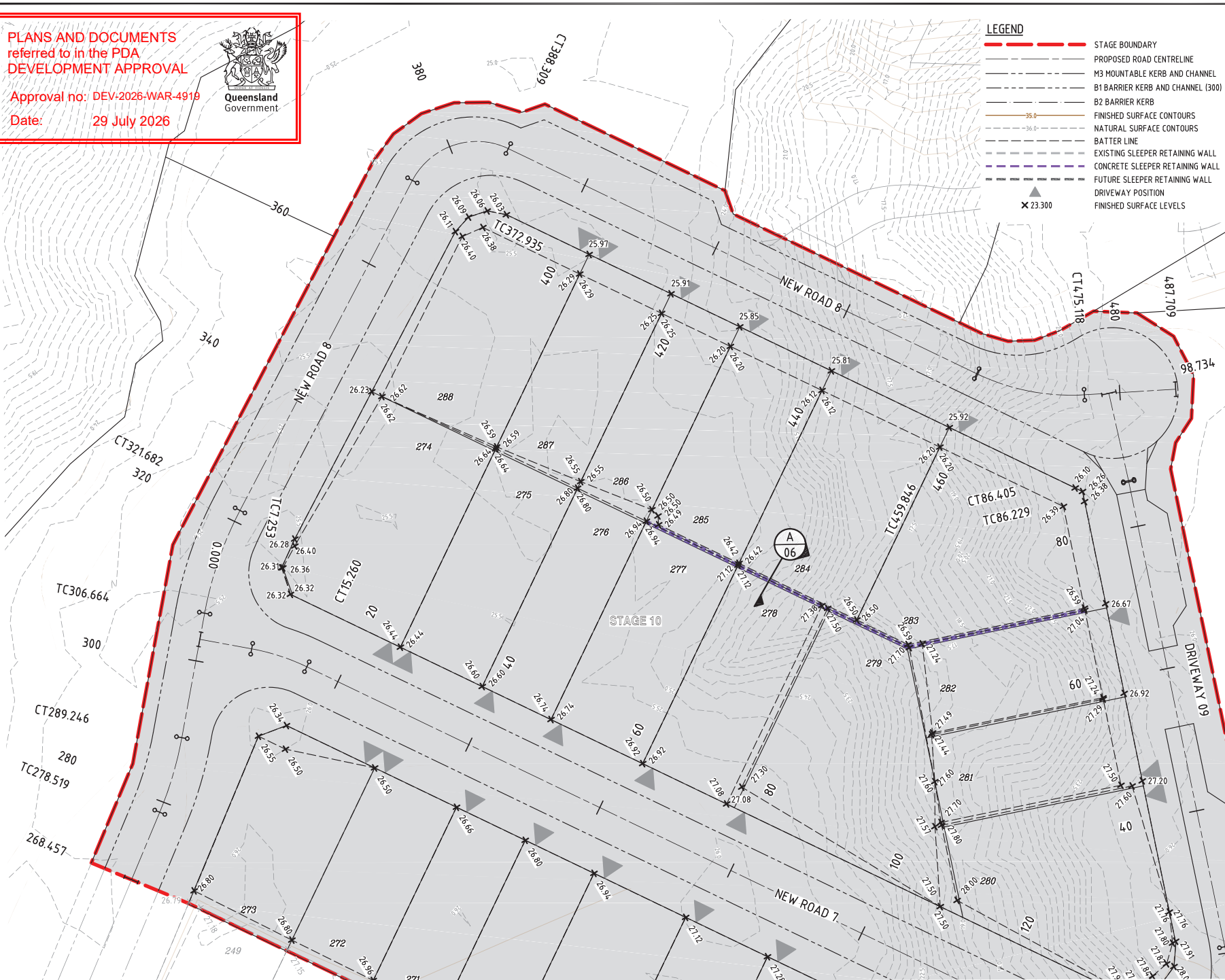
Approval no: DEV-2026-WAR-4919

Date: 29 July 2026



PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4919
Date: 29 July 2026



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 SLEEPER RETAINING WALL
- CONCRETE SLEEPER RETAINING WALL
- FUTURE SLEEPER RETAINING WALL
- DRIVEWAY POSITION
- FINISHED SURFACE LEVELS

X 23.300

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LOCALITY PLAN

STAGE 10



REVISIONS

No	Description	Date	By
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RIVERMONT
PRECINCT 2
STAGE 10



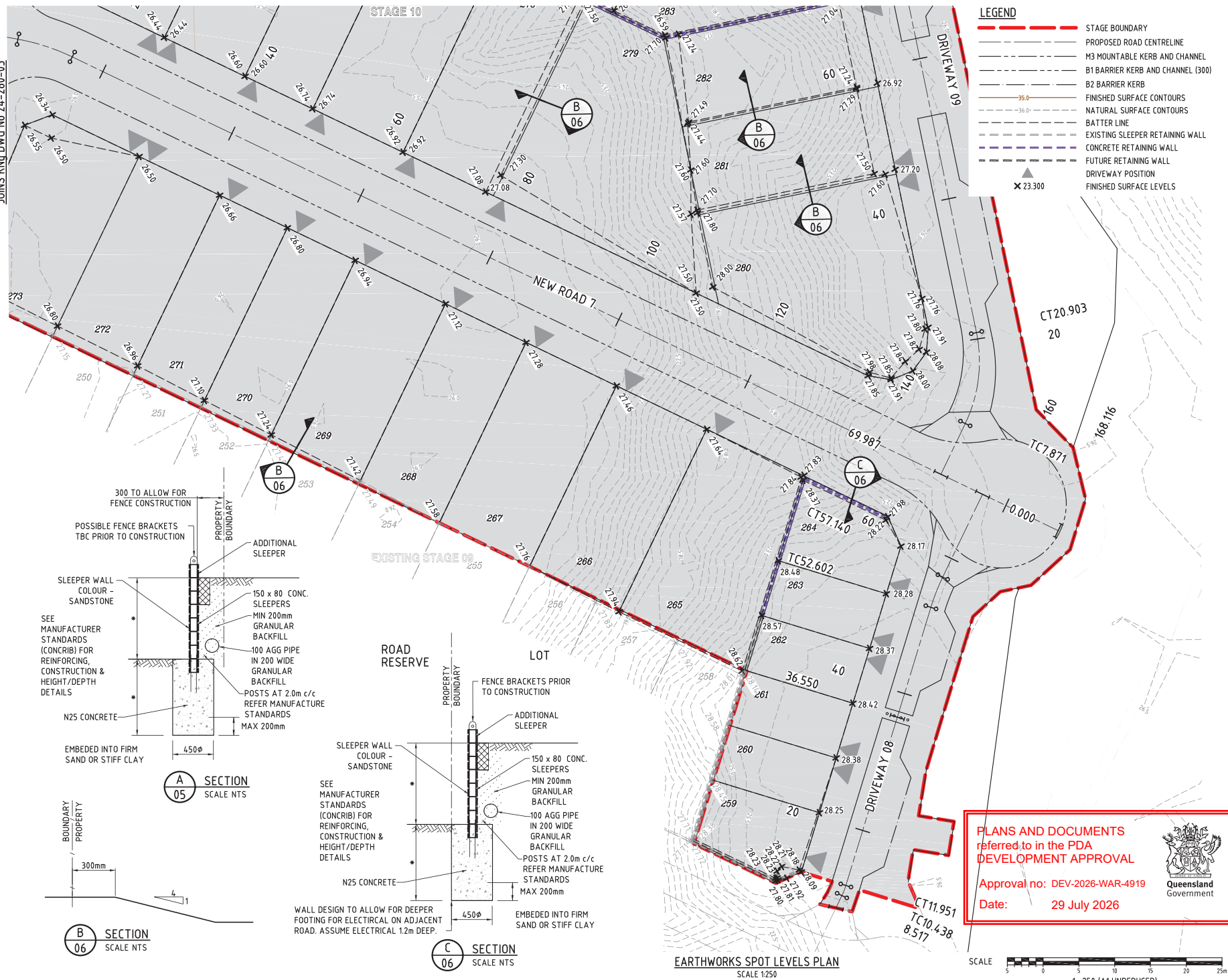
Approved Director - RP/17544
Digitally signed by
Mark Shaw RP/17544
Date: 2026.04.27
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Drawing title
EARTHWORKS
SPOT LEVELS PLAN
SHEET 1

Drawn	Designed	Checked	Date
DF	JB	MAS	APR 26
Scale	Sheet	Revision	
AS SHOWN	05 of 23		
A1	24-280-05	A	

EARTHWORKS SPOT LEVELS PLAN
SCALE 1:250

SCALE 1:250 (A1 UNREDUCED)



PLANS AND DOCUMENTS
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DEVELOPMENT APPROVAL

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LOCALITY PLAN

STAGE 10



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PRECINCT 2
STAGE 10



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Date: 2026.04.27 08:48:06+1000

Drawing title
**EARTHWORKS
SPOT LEVELS PLAN
SHEET 2**

Drawn	Designed	Checked	Date
DF	JB	MAS	APR 26
Scale	Sheet	Revision	
AS SHOWN	06 of 23		
Drawing No	Revision		
A1	24-280-06		A

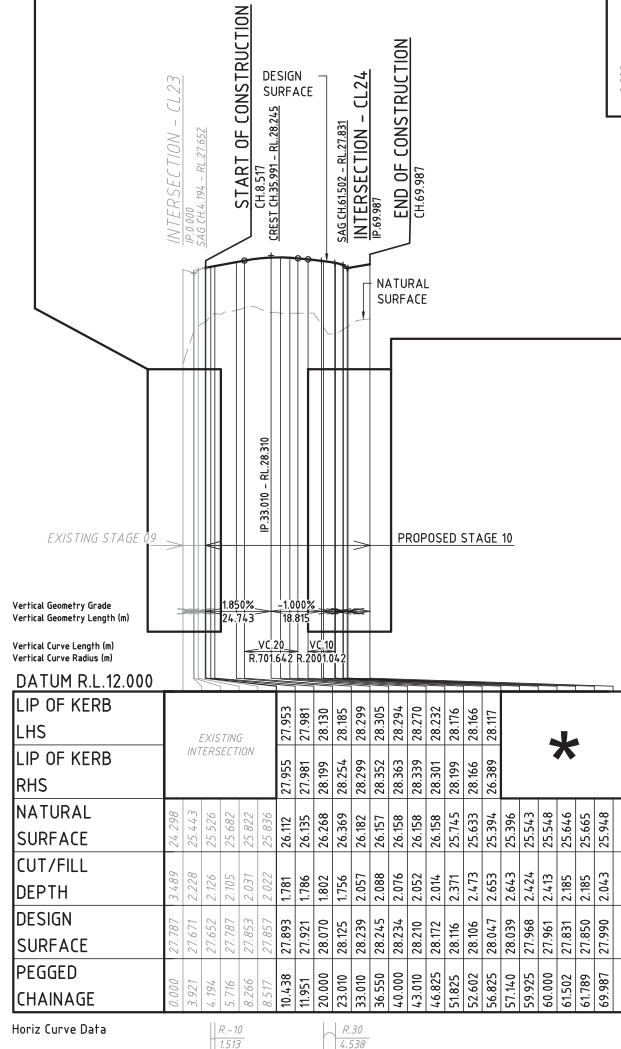
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NOMINAL PAVEMENT DETAILS

LANEWAY RESIDENTIAL

175mm N4.0 CONCRETE - EXPOSED AGGREGATE
SL92 REINFORCEMENT WITH 50mm TOP COVER INCLUDING CROSS OVER
200mm COMPACTED CBR45 GRAVEL(TYPE 2.3)
360mm SUBGRADE REPLACEMENT(TYPE 2.5, CBR 15)
DESIGN ESA = 2x10⁶
COLOUR: PLAIN GREY
FINISH: 3mm MEDIUM EXPOSURE
AGGREGATE: HY-TEC JAFFA 90

Refer to Pavement
Design condition.

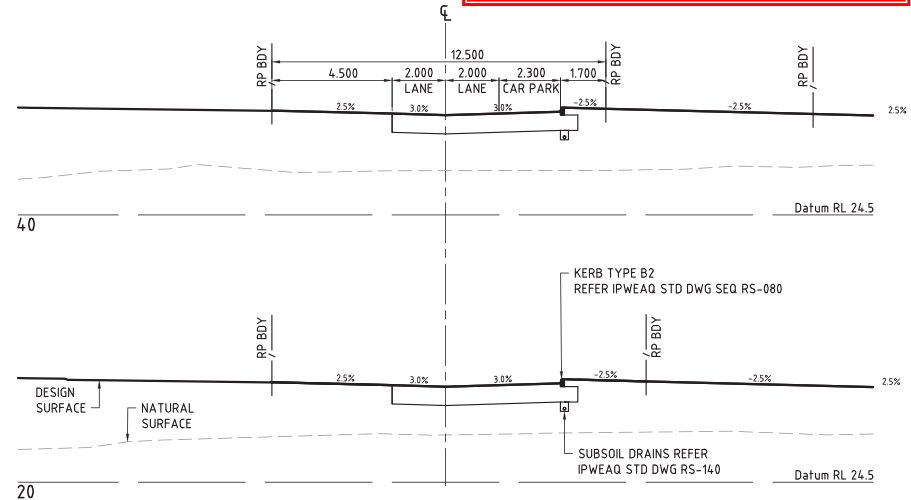


LONGITUDINAL SECTION - DRIVEWAY 08

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



REFER
INTERSECTION DETAILS ON
KN DWG 24-280-14



PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4919

Date: 29 July 2026



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By: Mahima Reshamwala

Date: 29 July 2026



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LOCALITY PLAN

STAGE 10



REVISIONS

No	Description	Date	By
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RIVERMONT
PRECINCT 2
STAGE 10

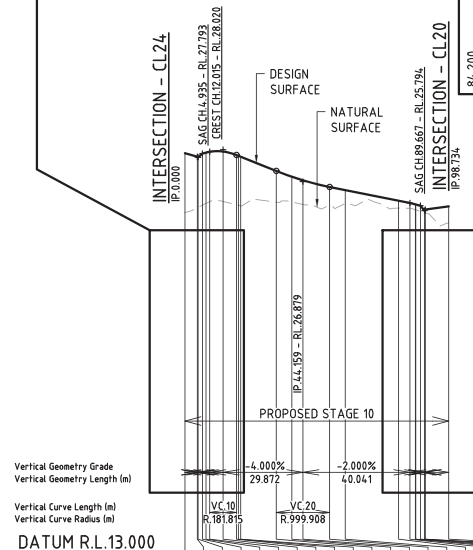


Approved Director - IPWEAQ 17544
Digitally signed by
Mark Shaw RPEQ
17544
Date: 2026.04.27
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Drawing Title
ROADWORKS
LONG, AND CROSS SECTIONS
DRIVEWAY 08

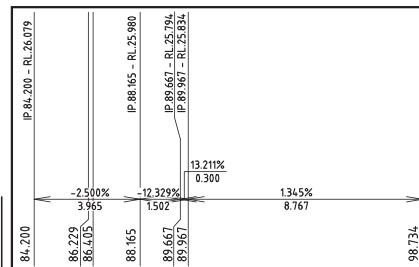
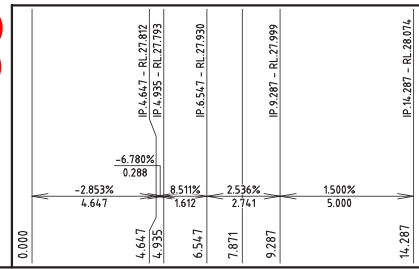
Drawn	Designed	Checked	Date
DF	JB	MAS	APR 26
Scale	Sheet	Revision	
AS SHOWN	07 of 23		
Drawing No	Revision		
A1	24-280-07	A	

175mm N4.0 CONCRETE - EXPOSED AGGREGATE
SL92 REINFORCEMENT WITH 50mm TOP COVER INCLUDING CROSS OVER
200mm COMPACTED CBR45 GRAVEL(TYPE 2.3)
360mm SUBGRADE REPLACEMENT(TYPE 2.5, CBR 15)
DESIGN ESA = 2x10⁶
COLOUR: PLAIN GREY
FINISH: 3mm MEDIUM EXPOSURE
AGGREGATE: HY-TEC JAFFA 90

INTERSECTION - CL24[illegible]

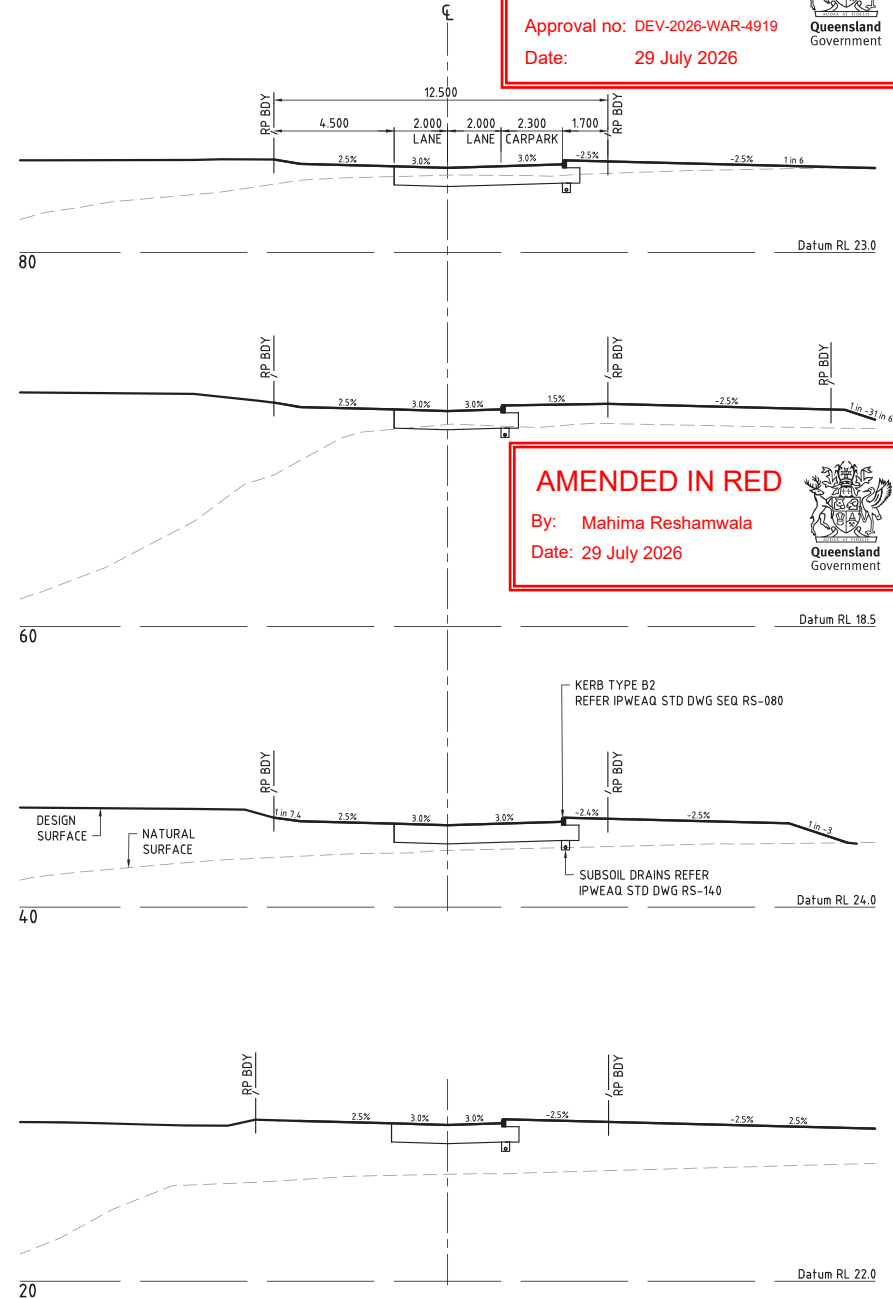
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SCALE - 1:1000 (H)
1:100 (V)

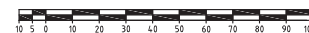


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REFER
INTERSECTION DETAILS ON
KN DWG 24-280-14



SCALE A 1:1000
(Horiz.)



B 1:100
(Vert.)



STAGE 10

[illegible]

Client	
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RIVERMONT
PRECINCT 2
STAGE 10



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08:48:06+10'00'

Drawing Title

ROADWORKS
LONG, AND CROSS SECTIONS
DRIVEWAY 09

Drawn DF	Designed JB	Checked MAS	Date APR '26
Scale AS SHOWN			Sheet 08 of 23
A1	Drawing No 24-280-08		Revision A

NOMINAL PAVEMENT DETAILS
MODIFIED 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)
SUBGRADE REPLACEMENT 300mm (TYPE 2.5, CBR 15)
DESIGN ESA = 3.0 X 10 ³

NOMINAL PAVEMENT DETAILS
MODIFIED 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 X 10 ³

AMENDED IN RED

By: Mahima Reshamwala

Date: 29 July 2026



Queensland Government

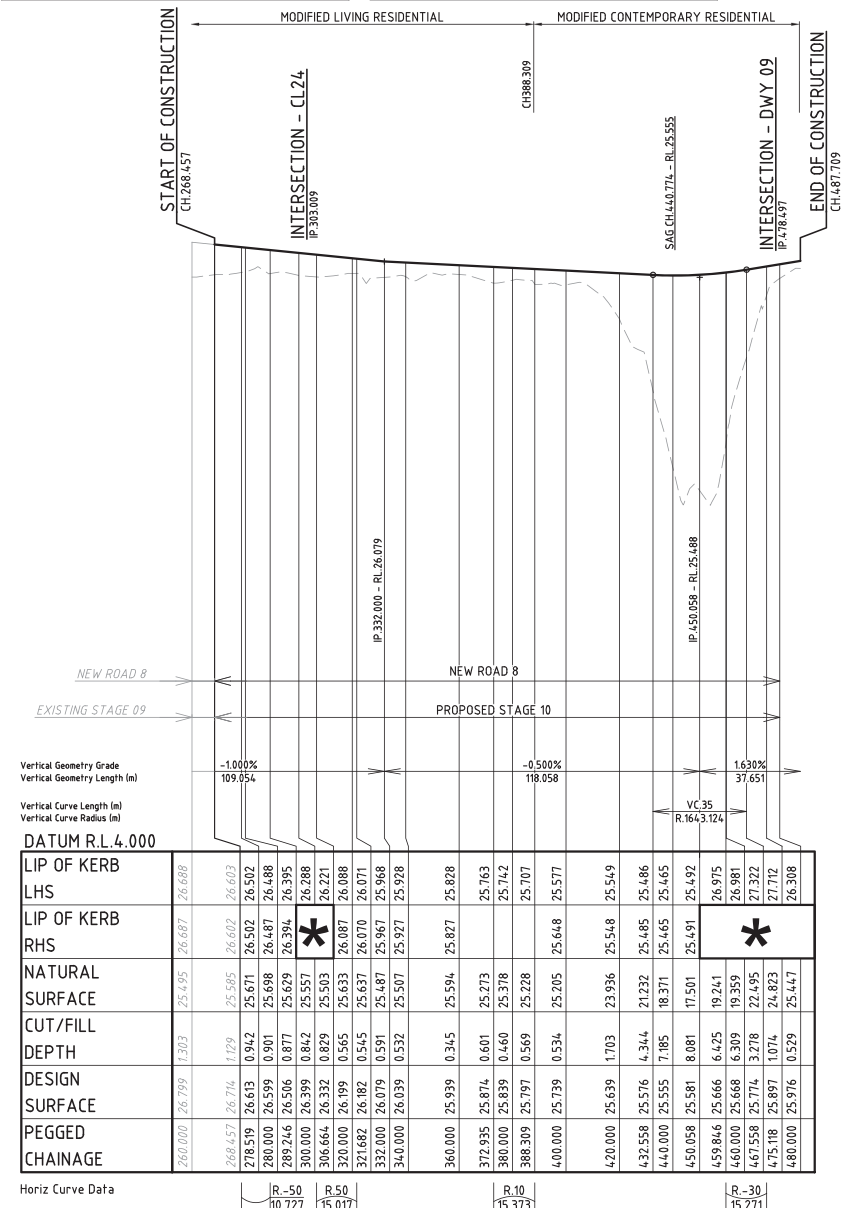
PLANS AND DOCUMENTS
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DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4919

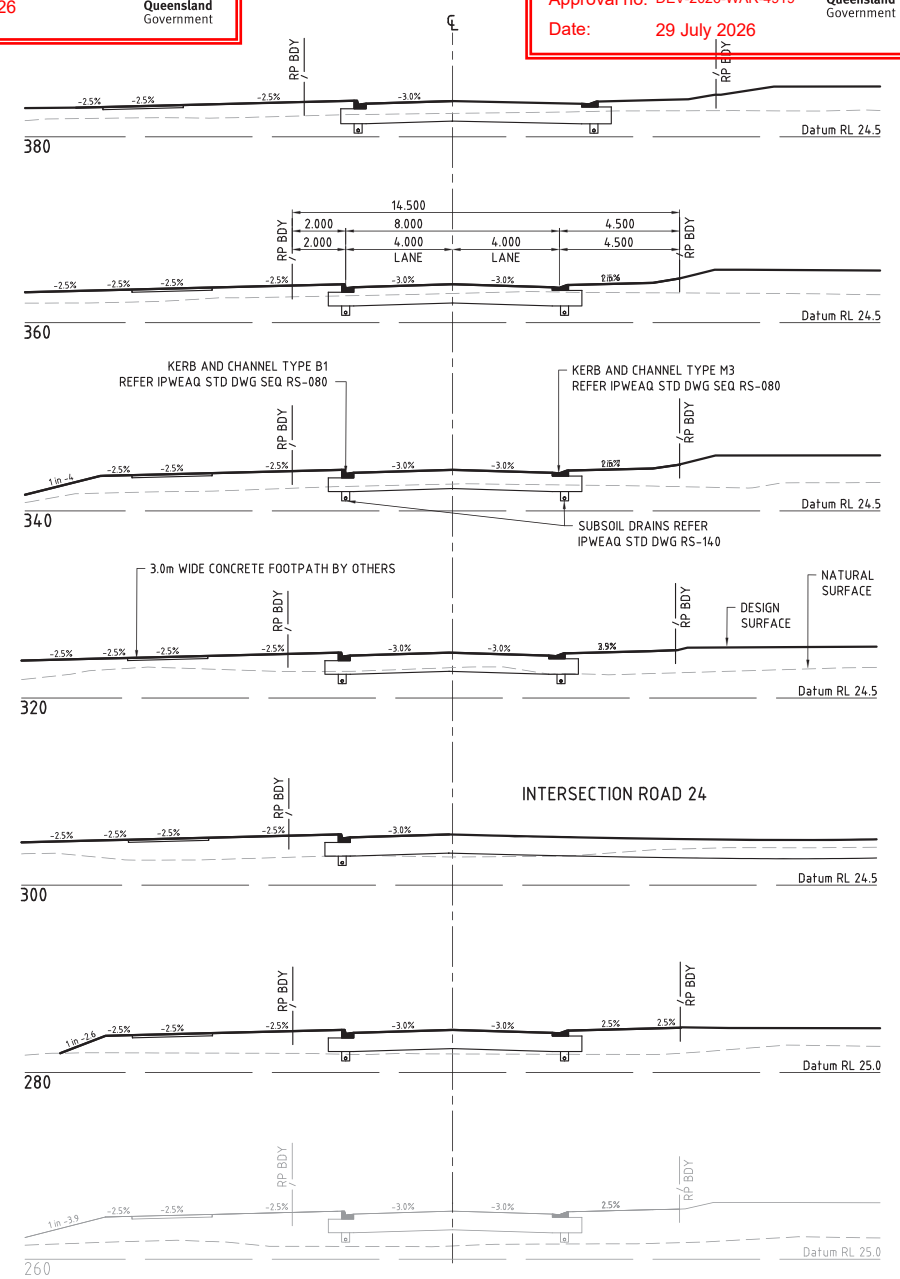
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LONGITUDINAL SECTION - CL 20 - NEW ROAD 8
SCALE - 1:1000 (H)
1:100 (V)



CROSS SECTIONS - CL 20 - NEW ROAD 8

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LOCALITY PLAN
STAGE 10

REVISIONS

No	Description	Date	By
A	FOR APPROVAL	22.04.2026	DF

Client: 

Project: **RIVERMONT PRECINCT 2 STAGE 10**


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Date: 2026.04.27 08:48:06+1000

Drawing title: **ROADWORKS LONG, AND CROSS SECTIONS CL20**

Drawn	Designed	Checked	Date
DF	JB	MAS	APR 26

Scale	Sheet	Revision
AS SHOWN	09 of 23	

Drawing No	Revision
A1	24-280-09

[illegible]

Client	
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Project	
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RIVERMONT
PRECINCT 2
STAGE 10



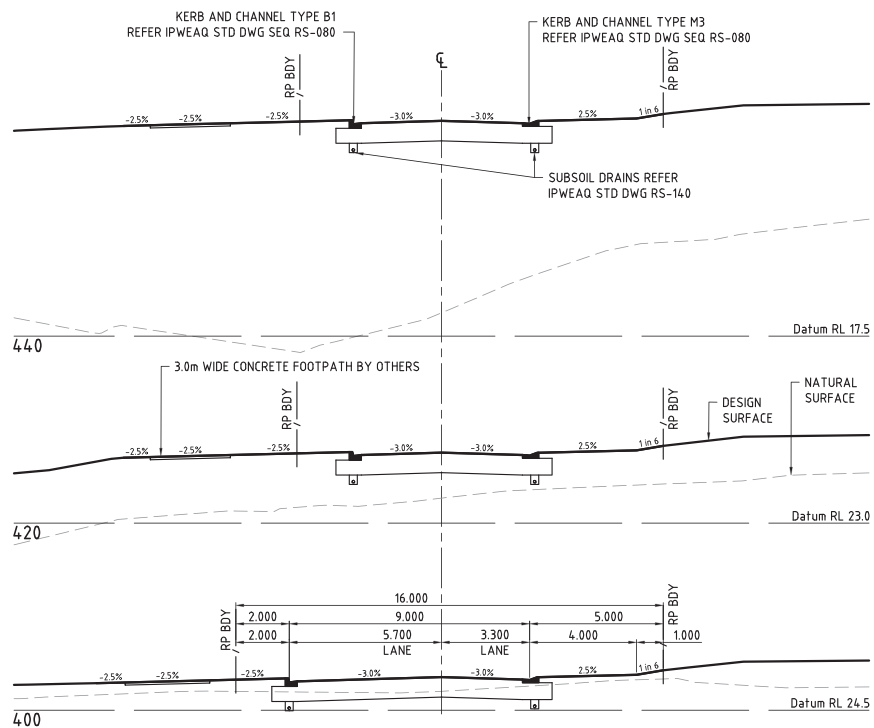
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Mark Shaw RPEQ
17544
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Drawing Title

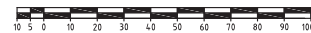
ROADWORKS
CROSS SECTIONS
CL20

Drawn DF	Designed JB	Checked MAS	Date APR' 26
Scale AS SHOWN			Sheet 10 of 23
A1	Drawing No 24-280-10		Revision A



CROSS SECTIONS - CL 20 - NEW ROAD 8

SCALE A 1:1000
(Horiz.)



B 1:100
(Vert.)



(A1 UNREDUCED)

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 = 1.2×10^5

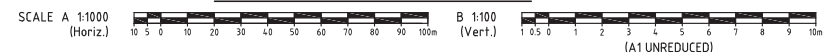
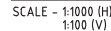
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Stockland

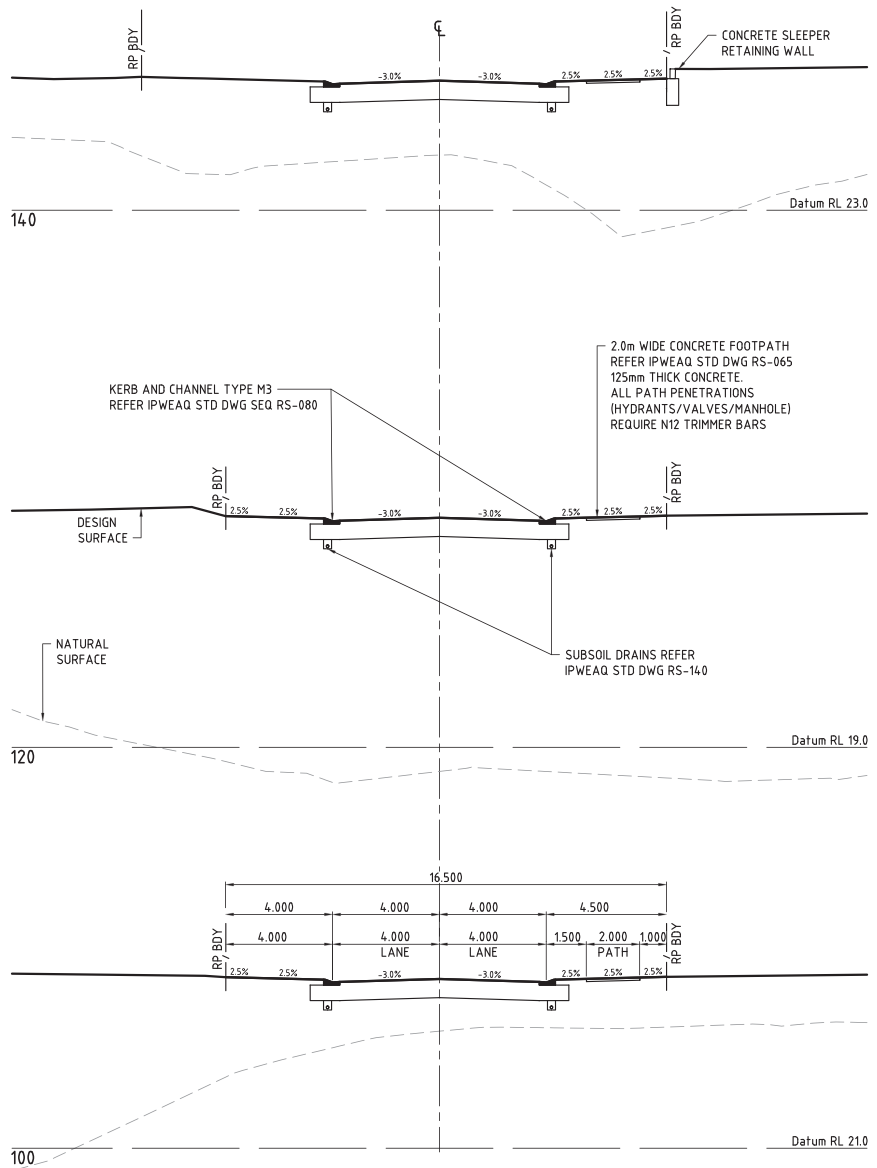
RIVERMONT
PRECINCT 2
STAGE 10

Approved Director - RPEQ 17544
Digitally signed by
Mark Shaw RPEQ
17544
Date: 2026.04.27
08:48:07+10'00'

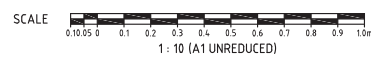
AS SHOWN		11 of 23
	Drawing No	Revision



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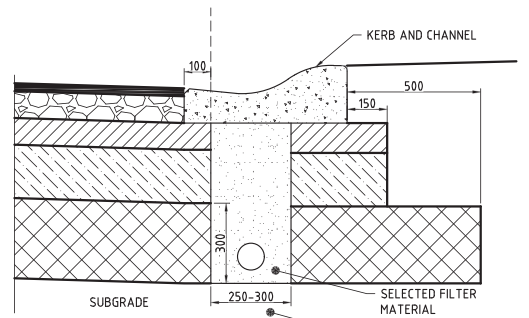
CROSS SECTIONS - CL 24 - NEW ROAD 7



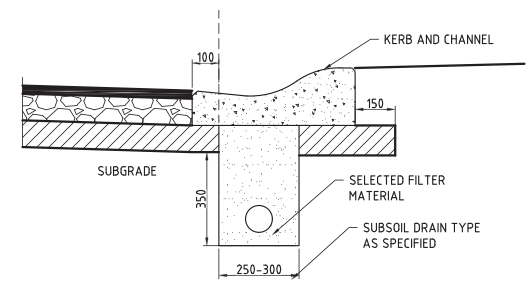
PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

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TYPICAL SECTION ROADS ESA 1.2x10⁵ LESS THAN INSITU CBR 3, SWELLS >5%
SCALE 1:10



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

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LOCALITY PLAN
STAGE 10

REVISIONS

No	Description	Date	By
A	FOR APPROVAL	22.04.2026	DF

Client
Stockland

Project
RIVERMONT
PRECINCT 2
STAGE 10

Approved Director - RPEQ 17544
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Date: 2026.04.27 08:48:08+1000

Drawing title
ROADWORKS
CROSS SECTIONS
CL24

Drawn	Designed	Checked	Date
DF	JB	MAS	APR 26

Scale	Sheet
AS SHOWN	12 of 23

Drawing No	Revision
A1	A

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

125mm N32 SL82 50mm COVER
200mm COMPACTED CBR 45 GRAVEL (TYPE 23)
COLOUR: CCS LIZARD SKIN
FINISH: EXPOSED AGGREGATE

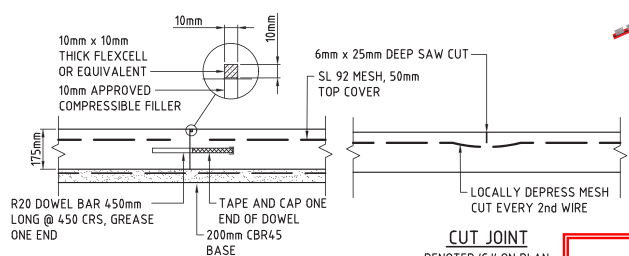
4.0 x 1.0 x 1.0 THICK CONC. SLAB25
CONCRETE F72 MESH 40 TOP COVER
REFUSE BIN PAD TO BE MARKED
WITH RECESSED NUMBERS FOR LOTS
280 AND 281.

INTERSECTION DETAIL - NEW ROAD 8
SCALE 1:250

PT No.	EASTING	NORTHING	LEVEL
64	874.1819	12135.754	25.687
65	8738.023	12136.746	25.708
66	8734.133	12136.243	25.732
67	8730.715	12134.319	25.757
68	8728.268	12131.253	25.778
69	8741.323	12142.673	25.705
70	8744.536	12143.801	25.621
71	8750.663	12140.856	25.587
72	8756.071	12138.258	25.557
73	8761.479	12135.659	25.527
74	8767.605	12132.715	25.493
75	8768.729	12129.512	25.553
76	8774.093	12127.267	25.484
77	8775.445	12126.618	25.476
78	8777.162	12127.789	25.580
79	8779.245	12129.210	25.519
80	8784.652	12126.608	25.491
81	8784.840	12124.100	25.541
82	8784.996	12122.028	25.429
83	8786.348	12121.378	25.427

PT No.	EASTING	NORTHING	LEVEL
1	8710.282	12065.479	26.145
2	8706.606	12066.295	26.185
3	8702.949	12065.395	26.262
4	8700.077	12062.967	26.334
5	8698.566	12059.514	26.383
6	8704.260	12084.902	26.114
7	8703.633	12081.576	26.132
8	8704.391	12078.278	26.146
9	8706.406	12075.559	26.146
10	8709.342	12073.875	26.133

INTERSECTION DETAIL - NEW ROAD 7 & NEW ROAD 8
SCALE 1:250



DOWEL JOINT
DENOTED 'DJ' ON PLAN
SCALE 1:10

CUT JOINT
DENOTED 'CJ' ON PLAN
SCALE 1:10

INTERSECTION DETAIL
NEW ROAD 7, DRIVEWAY 08 & 09
SCALE 1:250

PT No.	EASTING	NORTHING	LEVEL
51	8841.531	11997.419	27.904
52	8840.041	11997.589	27.883
53	8838.233	11996.541	28.001
54	8835.077	11994.710	28.112
55	8833.799	11991.327	28.166
56	8835.326	11988.455	28.263
57	8833.279	11981.761	28.336
58	8830.407	11980.234	28.288
59	8829.974	11992.496	28.166
60	8831.546	11997.638	28.100
61	8832.283	12001.968	27.948
62	8832.666	12004.215	27.805
63	8831.748	12005.401	27.797
33	8817.692	11952.588	27.955
34	8818.088	11953.621	27.981
37	8827.574	11970.967	28.290
38	8829.101	11968.096	28.340
39	8827.201	11961.880	28.245
40	8825.301	11955.664	28.125
41	8822.429	11954.137	28.013
42	8821.797	11952.090	27.975
43	8820.876	11949.388	27.934

PT No.	EASTING	NORTHING	LEVEL
28	8828.960	12017.025	27.750
29	8830.320	12016.371	27.766
30	8832.069	12017.575	27.914
31	8834.392	12019.162	28.058
32	8834.641	12019.680	28.072
33	8835.691	12022.415	28.095
34	8836.283	12025.283	28.052
35	8836.402	12028.209	27.950
36	8836.046	12031.116	27.820
37	8835.893	12051.636	27.048
38	8838.611	12049.849	27.193
39	8839.925	12043.483	27.436
40	8841.239	12037.117	27.696
41	8839.452	12034.400	27.719
42	8840.213	12030.714	27.870
43	8840.463	12029.503	27.923
44	8840.835	12026.959	28.029
45	8840.907	12024.388	28.075
46	8840.680	12021.827	28.103
47	8840.154	12019.310	28.091
48	8841.441	12017.209	27.964
49	8842.558	12015.383	27.829
50	8844.037	12015.133	27.840

PT No.	EASTING	NORTHING	LEVEL
11	8830.203	12016.128	27.786
12	8832.543	12015.231	27.798
13	8834.999	12014.730	27.811
14	8837.503	12014.637	27.823
15	8839.989	12014.954	27.836
16	8844.778	12014.623	27.868
17	8848.667	12011.809	27.930
18	8850.481	12007.365	28.020
19	8849.672	12002.634	28.061
20	8846.483	11999.046	28.020
21	8841.880	11997.685	27.929
22	8837.254	11998.964	27.868
23	8834.002	12002.496	27.836
24	8832.697	12004.636	27.823
25	8831.060	12006.533	27.811
26	8829.134	12008.137	27.798
27	8826.972	12009.404	27.786

PT No.	EASTING	NORTHING	LEVEL
84	8803.231	12112.932	25.550
85	8806.917	12111.708	25.589
86	8810.792	12111.451	25.628
87	8814.607	12112.178	25.667
88	8818.116	12113.842	25.706
89	8822.375	12115.207	25.772
90	8826.750	12114.276	25.884
91	8830.084	12111.294	26.033
92	8831.495	12107.049	26.102
93	8830.899	12103.312	26.068
94	8828.772	12100.181	25.960
95	8827.513	12099.162	25.911
96	8823.338	12097.804	25.813
97	8819.030	12098.650	25.755
98	8814.970	12100.601	25.710
99	8810.910	12102.552	25.665
100	8806.850	12104.503	25.620
101	8802.790	12106.454	25.575
102	8828.978	12099.962	25.920
103	8827.658	12098.935	25.875
104	8827.523	12096.800	26.040
105	8827.299	12093.257	26.125
106	8827.610	12091.753	26.158
107	8830.327	12089.965	26.273
108	8831.642	12083.600	26.403
109	8832.956	12077.234	26.533
110	8831.169	12074.516	26.510
111	8823.365	12092.529	26.122
112	8821.443	12095.805	25.941
113	8820.213	12097.901	25.750
114	8818.818	12098.452	25.734

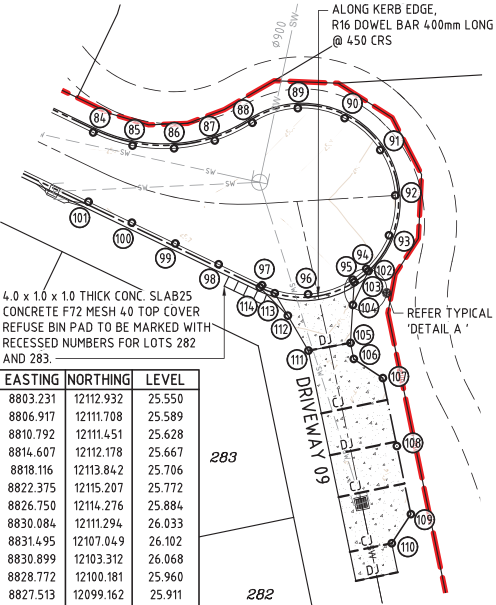
LEGEND

- 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
- DOWEL JOINT
- SAW CUT JOINT (C.J.)

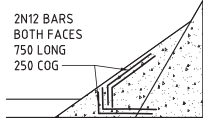
3,000
DJ
CJ

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.



INTERSECTION DETAIL
NEW ROAD 8 & DRIVEWAY 09
SCALE 1:250



DETAIL A
TYPICAL TREATMENT
N.T.S.

DO NOT SCALE THIS DRAWING IF IN DOUBT - ASK!

LOCALITY PLAN
STAGE 10

REVISIONS

No	Description	Date	By
A	FOR APPROVAL	22.04.2026	DF

Client

Project

RIVERMONT PRECINCT 2
STAGE 10

kn group

L1, 62 Astor Terrace, Spring Hill, QLD 4000
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Approved Director - IPWEAQ 17544
Digitally signed by Mark Shaw RPEQ 17544
Date: 2026.04.27 08:48:08 +1000

Drawing title

ROADWORKS
INTERSECTION DETAILS

Drawn	Designed	Checked	Date
DF	JB	MAS	APR 26

Scale
AS SHOWN

Sheet
13 of 23

Drawing No
A1

24-280-13

Revision
A

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4919

Date: 29 July 2026

Queensland Government

AMENDED IN RED

By: Mahima Reshamwala

Date: 29 July 2026

Queensland Government

P:\2024\24-280 Rivermont Precinct 2 Stage 10 Engineering\A24-280-13-40-00-DETAILS.dwg Plotted by: JF on 22/04/2026 15:29:37 PM

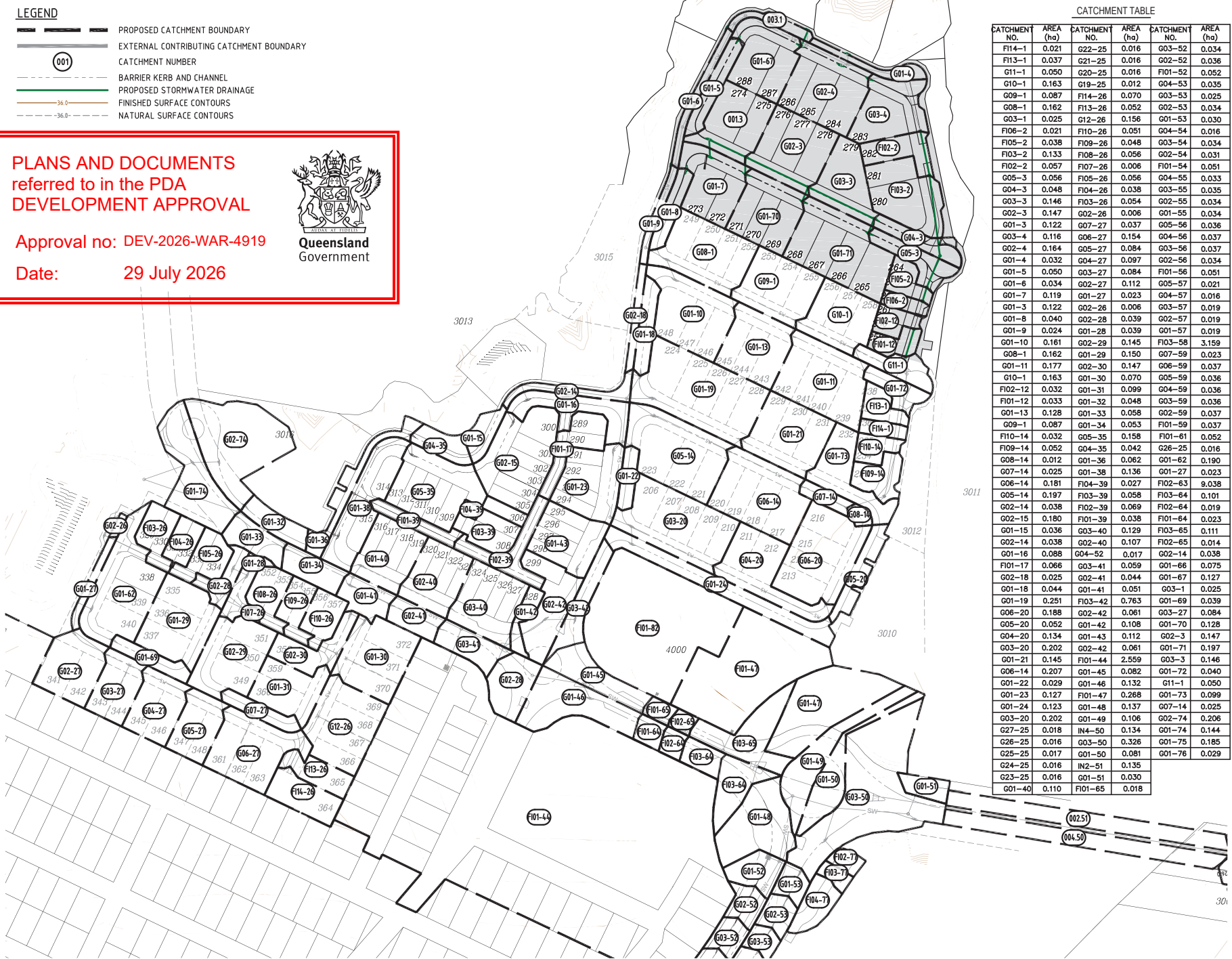
LEGEND

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

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4919

Date: 29 July 2026



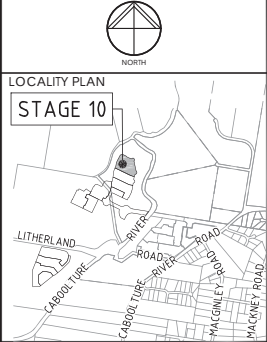
CATCHMENT PLAN
SCALE 1:1000

CATCHMENT TABLE

CATCHMENT NO.	AREA (ha)	CATCHMENT NO.	AREA (ha)	CATCHMENT NO.	AREA (ha)
F114-1	0.021	G22-25	0.016	G03-52	0.034
F113-1	0.037	G21-25	0.016	G02-52	0.036
G11-1	0.050	G20-25	0.016	F101-52	0.052
G10-1	0.163	G19-25	0.012	G04-53	0.035
G09-1	0.087	F114-26	0.070	G03-53	0.025
G08-1	0.162	F113-26	0.052	G02-53	0.034
G03-1	0.025	G12-26	0.156	G01-53	0.030
F106-2	0.021	F110-26	0.051	G04-54	0.016
F105-2	0.038	F109-26	0.048	G03-54	0.034
F103-2	0.133	F108-26	0.056	G02-54	0.031
F102-2	0.057	F107-26	0.006	F101-54	0.051
G05-3	0.056	F105-26	0.056	G04-55	0.033
G04-3	0.048	F104-26	0.038	G03-55	0.035
G03-3	0.146	F103-26	0.054	G02-55	0.034
G02-3	0.147	G02-26	0.006	G01-55	0.034
G01-3	0.122	G07-27	0.037	G05-56	0.036
G03-4	0.116	G06-27	0.154	G04-56	0.037
G02-4	0.164	G05-27	0.084	G03-56	0.037
G01-4	0.032	G04-27	0.097	G02-56	0.034
G01-5	0.050	G03-27	0.084	F101-56	0.051
G01-6	0.034	G02-27	0.112	G05-57	0.021
G01-7	0.119	G01-27	0.023	G04-57	0.016
G01-8	0.122	G02-26	0.006	G03-57	0.019
G01-8	0.040	G02-28	0.039	G02-57	0.019
G01-9	0.024	G01-28	0.039	G01-57	0.019
G01-10	0.161	G02-29	0.145	F103-58	3.159
G08-1	0.162	G01-29	0.150	G07-59	0.023
G01-11	0.177	G02-30	0.147	G06-59	0.037
G10-1	0.163	G01-30	0.070	G05-59	0.036
F102-12	0.032	G01-31	0.099	G04-59	0.036
F101-12	0.033	G01-32	0.048	G03-59	0.036
G01-13	0.128	G01-33	0.058	G02-59	0.037
G09-1	0.087	G01-34	0.053	F101-59	0.037
F110-14	0.032	G05-35	0.158	F101-61	0.052
F109-14	0.052	G04-35	0.042	G26-25	0.016
G08-14	0.012	G01-36	0.062	G01-62	0.190
G07-14	0.025	G01-38	0.136	G01-27	0.023
G06-14	0.181	F104-39	0.027	F102-63	9.038
G05-14	0.197	F103-39	0.058	F103-64	0.101
G02-14	0.038	F102-39	0.069	F102-64	0.019
G02-15	0.180	F101-39	0.038	F101-64	0.023
G01-15	0.036	G03-40	0.129	F103-65	0.111
G02-14	0.038	G02-40	0.107	F102-65	0.014
G01-16	0.088	G04-52	0.017	G02-14	0.038
F101-17	0.066	G03-41	0.059	G01-66	0.075
G02-18	0.025	G02-41	0.044	G01-67	0.127
G01-18	0.044	G01-41	0.051	G03-1	0.025
G01-19	0.251	F103-42	0.763	G01-69	0.039
G06-20	0.188	G02-42	0.061	G03-27	0.084
G05-20	0.052	G01-42	0.108	G01-70	0.128
G04-20	0.134	G01-43	0.112	G02-3	0.147
G03-20	0.202	G02-42	0.061	G01-71	0.187
G01-21	0.145	F101-44	2.559	G03-3	0.146
G06-14	0.207	G01-45	0.082	G01-72	0.040
G01-22	0.029	G01-46	0.132	G11-1	0.050
G01-23	0.127	F101-47	0.268	G01-73	0.099
G01-24	0.123	G01-48	0.137	G07-14	0.025
G03-20	0.202	G01-49	0.106	G02-74	0.206
G27-25	0.018	IN4-50	0.134	G01-74	0.144
G26-25	0.016	G03-50	0.326	G01-75	0.185
G25-25	0.017	G01-50	0.081	G01-76	0.029
G24-25	0.016	IN2-51	0.135		
G23-25	0.016	G01-51	0.030		
G01-40	0.110	F101-65	0.018		

SCALE 1:1000 (A1 UNREDUCED)

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No	Description	Date	By
A	FOR APPROVAL	22.04.2026	DF

Client



RIVERMONT
PRECINCT 2
STAGE 10



L1, 62 Astor Terrace, Spring Hill, QLD 4000
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Approved Director - RPQ 17544
Digitally signed by Mark Shaw RPQ 17544
Date: 2026.04.27 08:48:02+1000

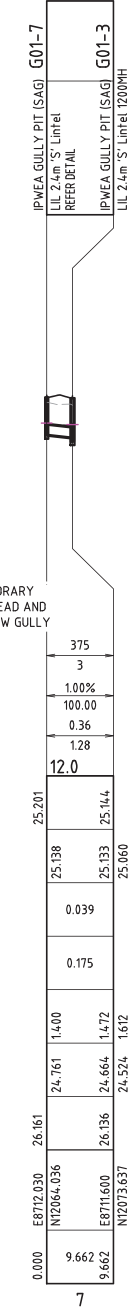
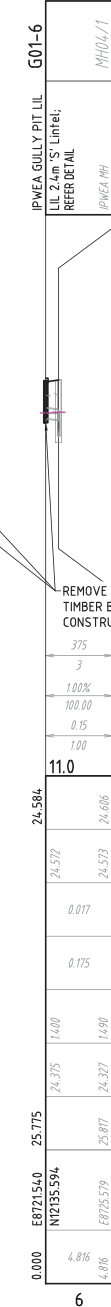
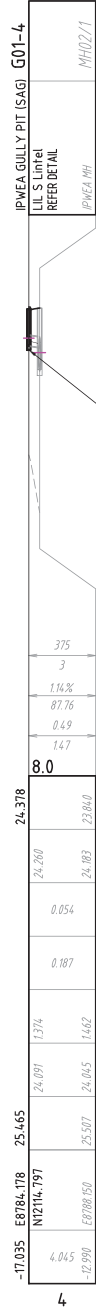
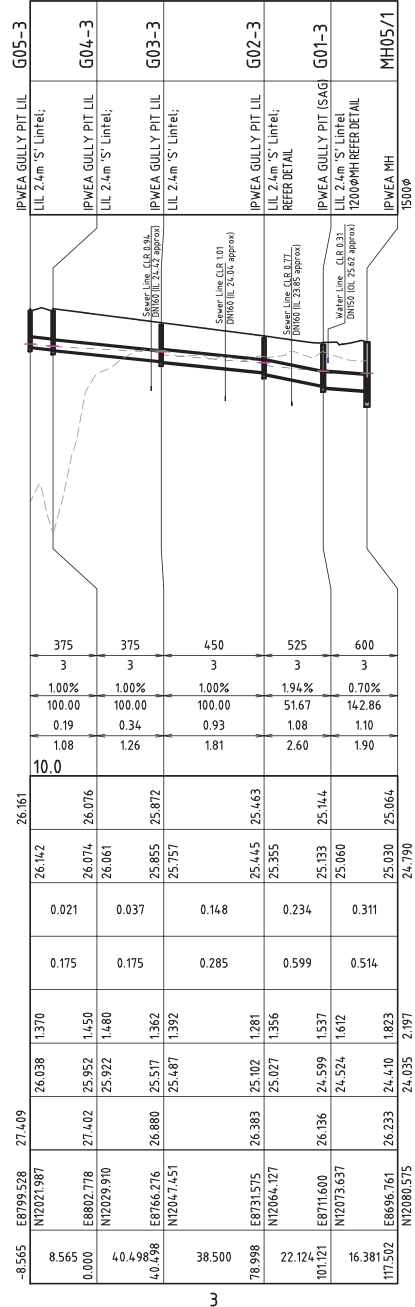
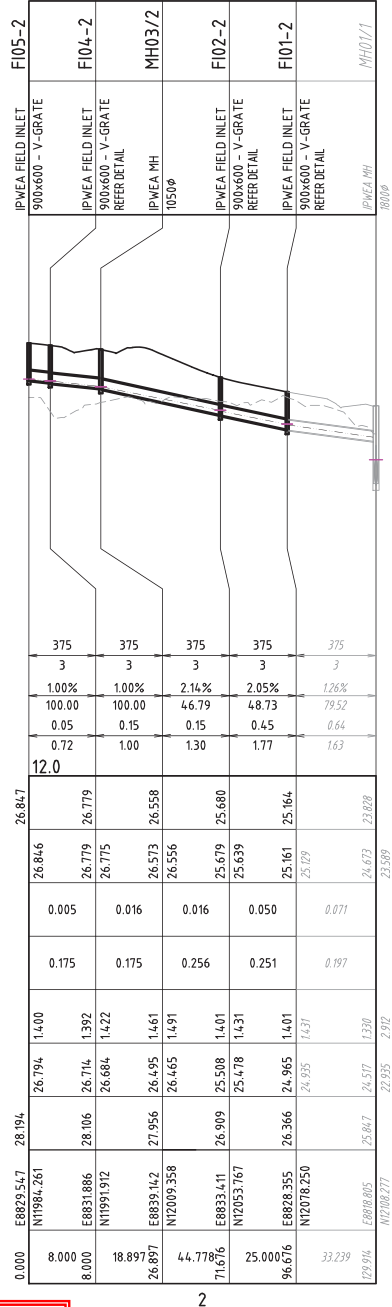
Drawing Title
STORMWATER
CATCHMENT PLAN

Drawn	Designed	Checked	Date
DF	AL	MAS	APR 26
Scale	Sheet	Revision	
AS SHOWN	15	of 23	
A1	24-280-15	A	

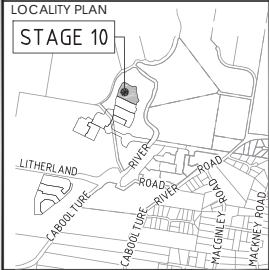
STRUCTURE NAME
STRUCTURE DESCRIPTION

NOTE:
[F512] CONTRACTOR TO PROVIDE FORM 15 AND 12 FOR ALL MAINTENANCE HOLES GREATER THAN 3m DEPTH.

PIPE SIZE (mm)
PIPE CLASS
PIPE GRADE %
PIPE SLOPE 1 in X
FULL PIPE FLOW VELOCITY (m/s)
PART FULL FLOW VELOCITY (m/s)
DATUM RL
WATER LEVEL IN STRUCTURE
HYDRAULIC GRADE LEVEL
PIPE FLOW (Cumecs)
PIPE CAPACITY AT GRADE (Cumecs)
DEPTH TO INVERT
INVERT LEVEL OF DRAIN
DESIGN SURFACE LEVEL
SETOUT CO-ORDINATE
RUNNING CHAINAGE



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No	Description	Date	By
A	FOR APPROVAL	22.04.2026	DF



RIVERMONT
PRECINCT 2
STAGE 10



Approved Director - RPEQ 17544
 Digitally signed by Mark Shaw RPEQ 17544
 Date: 2026.04.27 08:48:10+1000

Drawing Title
**STORMWATER
LONG SECTIONS
SHEET 1**

Drawn	Designed	Checked	Date
DF	AL	MAS	APR 26
Scale	Sheet	Revision	
AS SHOWN	16 of 23		
Drawing No	Revision		
A1	24-280-16		A

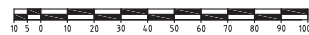
PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4919

Date: 29 July 2026



SCALE A 1:1000
(Horiz.)



B 1:100
(Vert.)



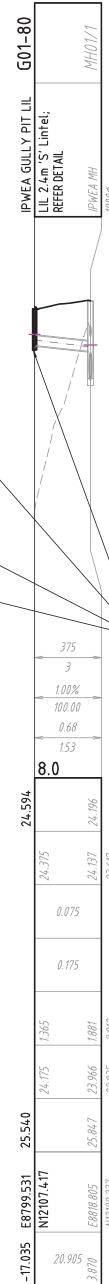
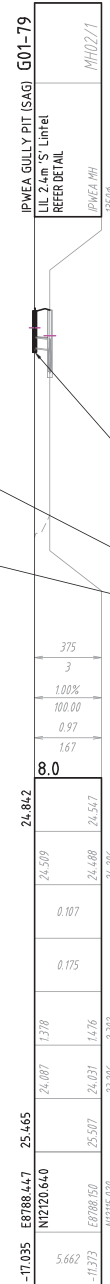
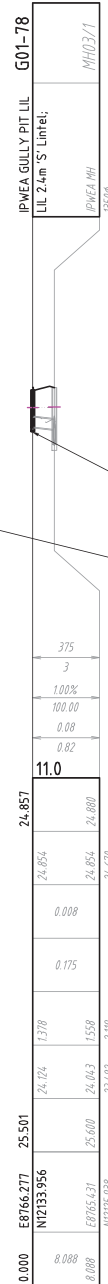
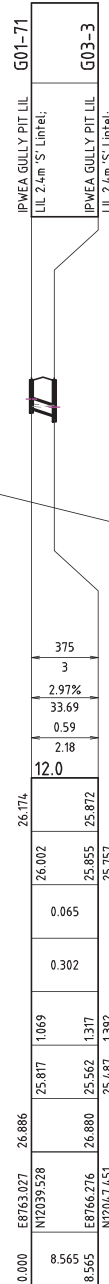
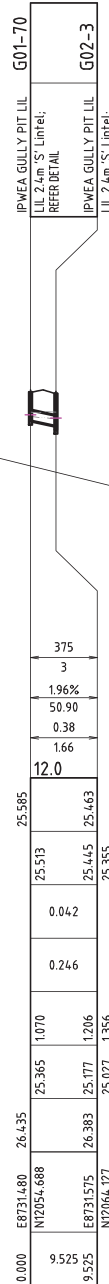
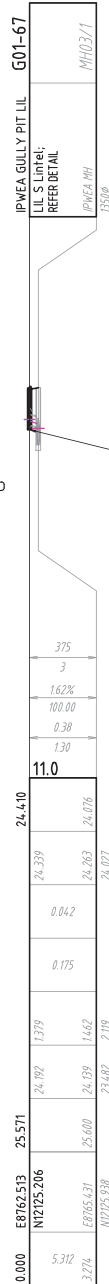
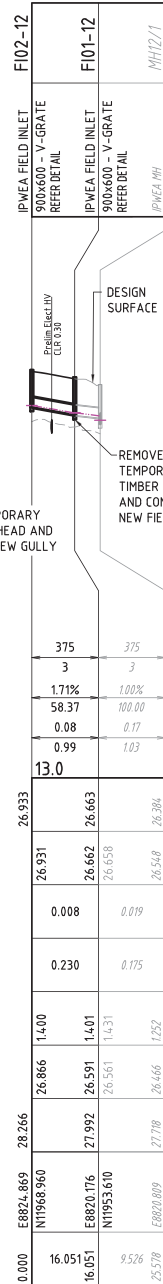
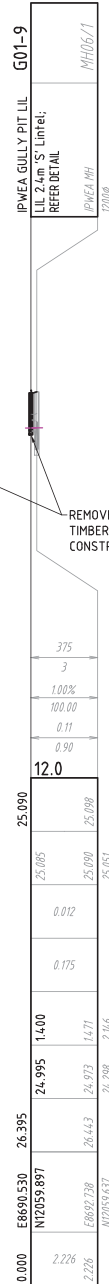
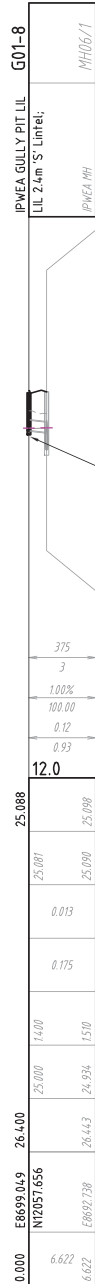
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PN 12021-13-280 Rivermont P3 Stage 10 Engineering Assets 01-280-34-17-SW-LS.dwg Plot by: DF on 22/04/2026 3:06:05 PM

STRUCTURE NAME
STRUCTURE DESCRIPTION

NOTE:
F512 CONTRACTOR TO PROVIDE FORM 15 AND 12 FOR ALL MAINTENANCE HOLES GREATER THAN 3m DEPTH.

PIPE SIZE (mm)
PIPE CLASS
PIPE GRADE %
PIPE SLOPE 1 in X
FULL PIPE FLOW VELOCITY (m/s)
PART FULL FLOW VELOCITY (m/s)
DATUM RL
WATER LEVEL IN STRUCTURE
HYDRAULIC GRADE LEVEL
PIPE FLOW (Cumecs)
PIPE CAPACITY AT GRADE (Cumecs)
DEPTH TO INVERT
INVERT LEVEL OF DRAIN
DESIGN SURFACE LEVEL
SETOUT CO-ORDINATE
RUNNING CHAINAGE



REMOVE TEMPORARY
TIMBER BULKHEAD AND
CONSTRUCT NEW GULLY

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4919

Date: 29 July 2026



SCALE A 1:1000
(Horiz.)

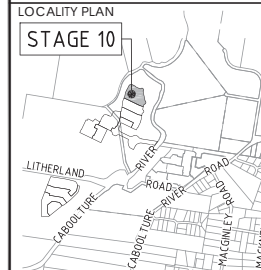


B 1:100
(Vert.)



(A1 UNREDUCED)

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No	Description	Date	By
A	FOR APPROVAL	22.04.2026	DF

Client



Project

RIVERMONT
PRECINCT 2
STAGE 10



Approved Director - RPEQ 17544
Digitally signed by
Mark Shaw RPEQ
17544
Date: 2026.04.27
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Drawing Title

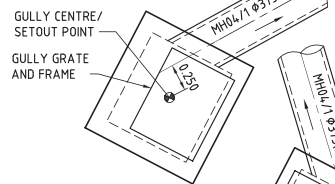
STORMWATER
LONG SECTIONS
SHEET 2

Drawn	Designed	Checked	Date
DF	AL	MAS	APR 26
Scale	Sheet	Revision	
AS SHOWN	17 of 23		
Drawing No	Revision		
A1	24-280-17	A	

PN 2201-24-280 (Rivermont) P3 Stage 10 Engineering (A400) 1:250 - 38.5m x 40.4m Plot (A400) 1:250 on 22/04/2026 3:01 PM

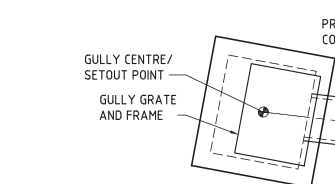
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SCALE 1:25



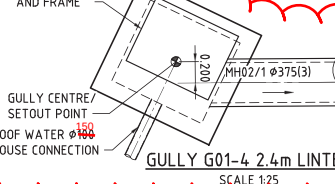
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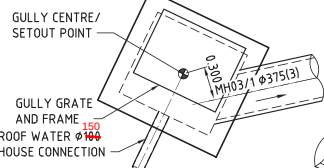
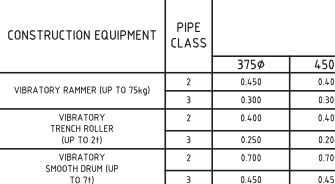
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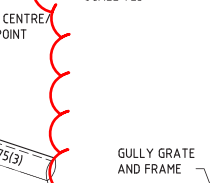


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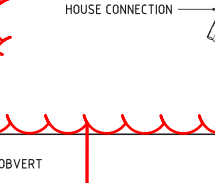
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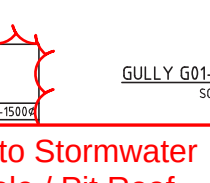
EXISTING MANHOLE 06/1 Ø1200

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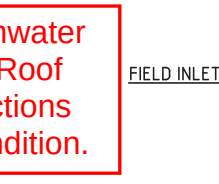
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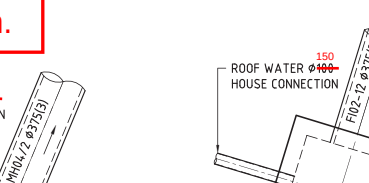
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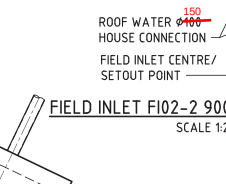
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SCALE 1:25



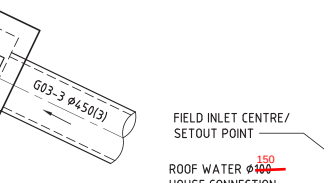
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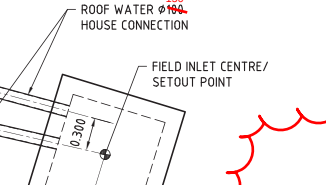
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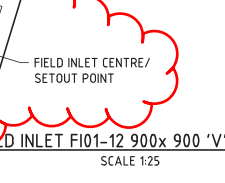
FIELD INLET FI03-2 900x 900 'V' GRATE

SCALE 1:25



GULLY G01-79 2.4m LINTEL

SCALE 1:25



FIELD INLET FI01-12 900x 900 'V' GRATE

SCALE 1:25



FIELD INLET FI04-2 900x 900 'V' GRATE

SCALE 1:25



NOTE:

ALL MANHOLE LIDS TO BE LOCATED IN CENTRE OF CARRIAGEWAY

SCALE 1:25 (A1 UNREDUCED)

Refer to Stormwater Manhole / Pit Roof Water Connections conditions condition.

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4919

Date: 29 July 2026



AMENDED IN RED

By: Mahima Reshamwala

Date: 29 July 2026



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LOCALITY PLAN

STAGE 10



REVISIONS

No	Description	Date	By
A	FOR APPROVAL	22.04.2026	DF



RIVERMONT PRECINCT 2 STAGE 10

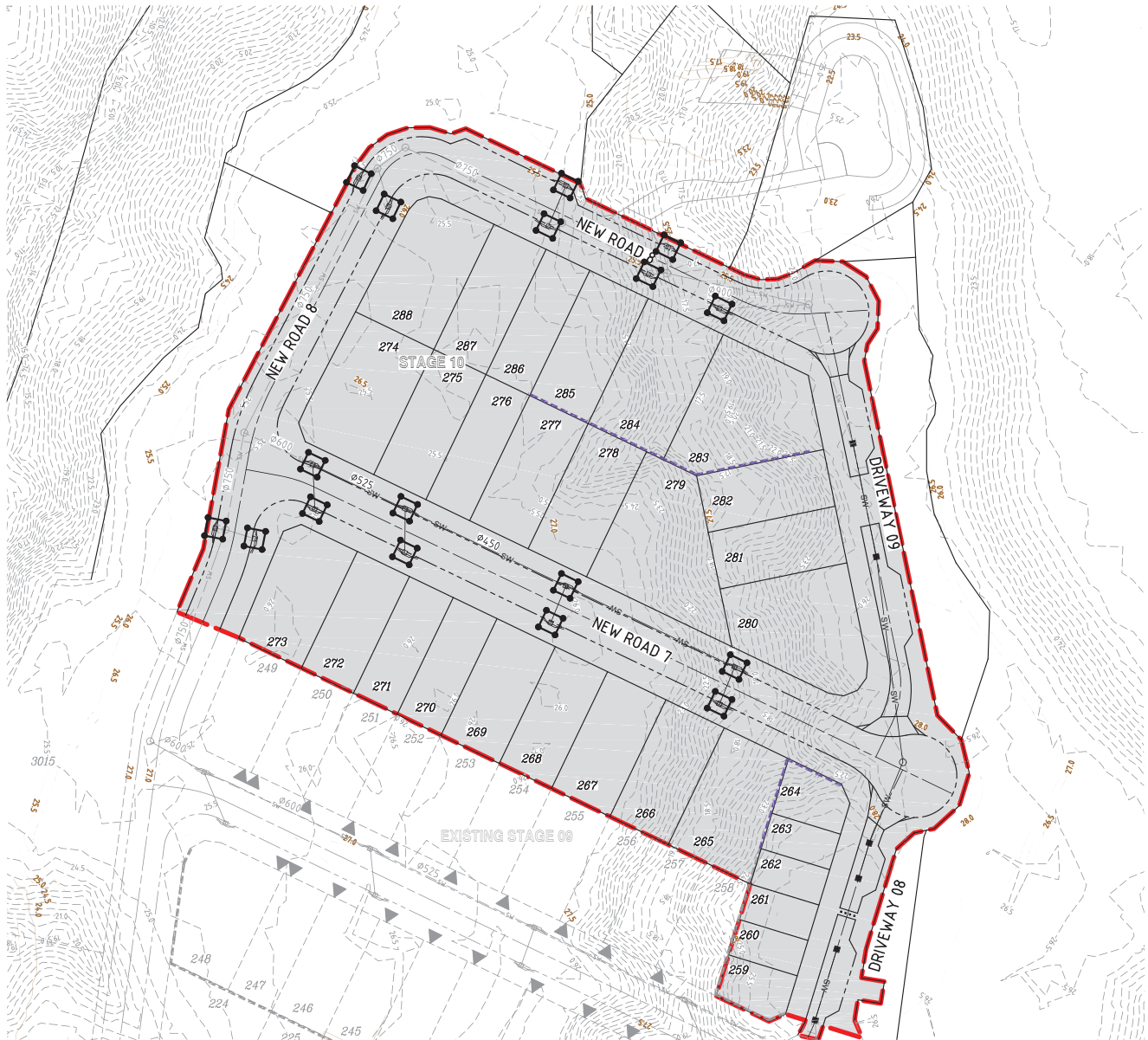


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Date: 2026.04.27 08:48:11+1000

Drawing Title
STORMWATER MANHOLE DETAILS

Drawn	Designed	Checked	Date
DF	AL	MAS	APR 26
Scale	Sheet	Revision	
AS SHOWN	18 of 23		
Drawing No	24-280-18	Revision	A



SEDIMENT AND EROSION CONTROL PLAN
SCALE 1:500

- LEGEND**
- STAGE BOUNDARY
 - KERB AND CHANNEL
 - PROPOSED STORMWATER DRAINAGE
 - DESIGN SURFACE CONTOURS
 - EXISTING SURFACE CONTOURS
 - CONCRETE SLEEPER RETAINING WALL
 - EXISTING SLEEPER RETAINING WALL
 - CLEAN WATER DIVERSION DRAINS
 - SEDIMENT AND DIVERSION FENCE (TEMP)
 - GULLY BAGS

NOTE

1. 600mm WIDE TURFING STRIP WITH FINGERS @ 5m CRS TO BE PLACED BEHIND ALL KERB AND CHANNEL.



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LOCALITY PLAN
STAGE 10

REVISIONS

No	Description	Date	By
A	FOR APPROVAL	22.04.2026	DF

Client

Project

RIVERMONT
PRECINCT 2
STAGE 10

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Drawing title

SEDIMENT AND EROSION
CONTOUR PLAN
POST CONSTRUCTION

Drawn	Designed	Checked	Date
DF	JB	MAS	APR 26

Scale	Sheet
AS SHOWN	20 of 23

Drawing No	Revision
A1	A

1. AN APPROPRIATELY MARKED (E.G. PAINTED) DE-SILTING MARKER POST MUST BE INSTALLED IN THE BASIN TO INDICATE THE TOP OF THE SEDIMENT STORAGE ZONE. THE BASIN MUST BE DE-SILTED IF THE NEXT STORM IS LIKELY TO CAUSE SEDIMENT TO SETTLE ABOVE THIS MARKER POINT, OR IF THE SEDIMENT IS ALREADY ABOVE THIS MARKER POINT.
2. PRIOR TO DISCHARGE OF WATER FROM A SPECIFIED BASIN, IT IS ESSENTIAL FOR THE WATER QUALITY TO COMPLY WITH ALL SPECIFIED WATER QUALITY OBJECTIVES (WQOS) (E.G. WATER PH IN THE RANGE OF 6.5 - 8.5).
3. THE RECOMMENDED WATER QUALITY STANDARD FOR SEDIMENT BASINS IS PRESENTED IN TABLE B18.

SITE CONDITIONS	DISCHARGE WATER QUALITY STANDARD
POST-STORM DE-WATERING OF SEDIMENT BASINS (E.G. TYPE F AND D BASINS, AND TYPE C BASINS OPERATING AS WET-BASINS).	90 PERCENTILE TOTAL SUSPENDED SOLIDS (TSS) CONCENTRATION NOT EXCEEDING 50MG/L.

1. PLACE REQUIRED GYPSUM QUANTITY (SAY 32KG/100M3 OF WATER) IN APPROXIMATELY 50L DRUM PERFORATED WITH 25MM HOLES AT 150MM SPACING.
2. SUSPEND THE SCREENED, RECIRCULATING PUMP INTAKE INTO THE DRUM.
3. LIFT THE DRUM INTO THE BASIN SUCH THAT BASIN WATER CAN ENTER AND CIRCULATE THROUGH THE DRUM.
4. USING THE PUMP, SPRAY THE GYPSUM-RICH SOLUTION EVENLY OVER THE SURFACE OF THE BASIN UNTIL THE GYPSUM IS FULLY REMOVED FROM THE DRUM. THE PUMP OUTLET MUST SPRAY THE MIXTURE OVER A WIDE AREA RATHER THAN JUST DISCHARGING AS A CONFINED "JET".
5. ALTERNATIVELY, IF TWO PUMPS ARE AVAILABLE, USE THE TWO PUMPS TO CIRCULATE BASIN WATER FIRST TO THE ON-SHORE TANK, AND THEN FROM THE TANK OVER THE SURFACE OF THE BASIN. A LARGE MIXING TANK WILL USUALLY BE REQUIRED.

- **EARTH FILL:** CLEAN SOIL WITH EMERSON CLASS 2(1), 3, 4, OR 5, AND FREE OF ROOTS, WOODY VEGETATION, ROCKS AND OTHER UNSUITABLE MATERIAL. SOIL WITH EMERSON CLASS 4 AND 5 MAY NOT BE SUITABLE DEPENDING ON PARTICLE SIZE AND DISTRIBUTION AND DEGREE OF DISPERSION. CLASS 2(1) SHOULD ONLY BE USED UPON RECOMMENDATION FROM GEOTECHNICAL SPECIALIST. [ALTERNATIVELY, SET A STANDARD BASED ON EXCHANGEABLE SODIUM PERCENTAGE – SEEK EXPERT ADVICE.]
- **RISER PIPE:** MINIMUM 250MM DIAMETER.
- **SPILLWAY ROCK:** HARD, ANGULAR, DURABLE, WEATHER RESISTANT AND EVENLY GRADED ROCK WITH 50% WEIGHT ABOVE THE SPECIFIED NOMINAL (D50) ROCK SIZE. LARGE ROCK SHOULD TERMINATE WITH SUFFICIENT SMALL ROCK TO FILL THE VOID BETWEEN THE LARGER ROCK. THE DIAMETER OF THE LARGEST ROCK SIZE SHOULD BE NO LARGER THAN 15 TIMES THE NOMINAL ROCK SIZE. THE SPECIFIC GRAVITY SHOULD BE AT LEAST 2.5.
- **GEOTEXTILE FABRIC:** HEAVY-DUTY, NEEDLE-PUNCHED, NON-WOVEN FIBRE CLOTH, MINIMUM BIDM A24 OR EQUIVALENT.

1. NOTWITHSTANDING ANY DESCRIPTION CONTAINED WITHIN THE APPROVED PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SATISFYING THEMSELVES AS TO THE NATURE AND EXTENT OF THE SPECIFIED WORKS AND THE PHYSICAL AND LEGAL CONDITIONS UNDER WHICH THE WORKS WILL BE CARRIED OUT. THIS SHALL INCLUDE MEANS OF ACCESS, EXTENT OF CLEARING, NATURE OF MATERIAL TO BE EXCAVATED, TYPE AND SIZE OF MECHANICAL PLAN REQUIRED, LOCATION AND SUITABILITY OF WATER SUPPLY FOR CONSTRUCTION AND TESTING PURPOSES, AND ANY OTHER LIKE MATTERS AFFECTING THE CONSTRUCTION OF THE WORKS.
2. REFER TO APPROVED PLANS FOR LOCATION, DIMENSIONS, AND CONSTRUCTION DETAILS. IF THERE ARE QUESTIONS OR PROBLEMS WITH THE LOCATION, DIMENSIONS, OR METHOD OF INSTALLATION, CONTACT THE ENGINEER OR RESPONSIBLE ON-SITE OFFICER FOR ASSISTANCE.
3. BEFORE STARTING ANY CLEARING OR CONSTRUCTION, ENSURE ALL THE NECESSARY MATERIALS AND COMPONENTS ARE ON THE SITE TO AVOID DELAYS IN COMPLETING THE POND ONCE WORKS BEGIN.
4. INSTALL REQUIRED SHORT-TERM SEDIMENT CONTROL MEASURES DOWNSTREAM OF THE PROPOSED EARTHWORKS TO CONTROL SEDIMENT RUNOFF DURING CONSTRUCTION OF THE BASIN.
5. THE AREA TO BE COVERED BY THE EMBANKMENT, BORROW PITS AND INCIDENTAL WORKS, TOGETHER WITH AN AREA EXTENDING BEYOND THE LIMITS OF EACH FOR A DISTANCE NOT EXCEEDING FIVE (5) METRES ALL AROUND MUST BE CLEARED OF ALL TREES, SCRUB, STUMPS, ROOTS, DEAD TIMBER AND RUBBISH AND DISPOSED OF IN A SUITABLE MANNER. DELAY CLEARING THE MAIN POND AREA UNTIL THE EMBANKMENT IS COMPLETE. [MODIFY AS NECESSARY TO LIMIT TOTAL AREA OF DISTURBANCE AND ANY DAMAGE TO PROTECTED VEGETATION].
6. ENSURE ALL HOLES MADE BY GRUBBING WITHIN THE EMBANKMENT FOOTPRINT ARE FILLED WITH SOUND MATERIAL, ADEQUATELY COMPACTED, AND FINISHED FLUSH WITH THE NATURAL SURFACE.
7. IS SUITABLE AND IT IS PLACED IN THE CORRECT ZONE ACCORDING TO ITS CLASSIFICATION.

1. BEFORE CONSTRUCTION OF THE CUT-OFF TRENCH OR ANY ANCILLARY WORKS WITHIN THE EMBANKMENT FOOTPRINT, ALL GRASS GROWTH AND TOPSOIL MUST BE REMOVED FROM THE AREA TO BE OCCUPIED BY THE EMBANKMENT AND MUST BE DEPOSITED CLEAR OF THIS AREA AND RESERVED FOR TOPDRESSING THE COMPLETING EMBANKMENT.
2. EXCAVATE A CUT-OFF TRENCH ALONG THE CENTRE LINE OF THE EARTH FILL EMBANKMENT. CUT THE TRENCH TO STABLE SOIL MATERIAL, BUT IN NO CASE MAKE IT LESS THAN 600MM DEEP. THE CUT-OFF TRENCH MUST EXTEND INTO BOTH ABUTMENTS TO AT LEAST THE ELEVATION OF THE RISER PIPE CREST. MAKE THE MINIMUM BOTTOM WIDTH WIDE ENOUGH TO PERMIT OPERATION OF EXCAVATION AND COMPACTION EQUIPMENT, BUT IN NO CASE LESS THAN 600MM. MAKE THE SIDE SLOPES OF THE TRENCH NO STEEPER THAN 1:1 (H:V).
3. ENSURE ALL WATER, LOOSE SOIL, AND ROCK ARE REMOVED FROM THE TRENCH BEFORE BACKFILLING COMMENCES. THE CUT-OFF TRENCH MUST BE BACKFILLED WITH SELECTED EARTH-FILL OF THE TYPE SPECIFIED FOR THE EMBANKMENT, AND THIS SOIL MUST HAVE A MOISTURE CONTENT AND DEGREE OF COMPACTION THE SAME AS THAT SPECIFIED FOR THE SELECTED CORE ZONE.
4. MATERIAL EXCAVATED FROM THE CUT-OFF TRENCH MAY BE USED IN CONSTRUCTION OF THE EMBANKMENT PROVIDED IT IS SUITABLE AND IT IS PLACED IN THE CORRECT ZONE ACCORDING TO ITS CLASSIFICATION.

1. SCARIFY AREAS ON WHICH FILL IS TO BE PLACED BEFORE PLACING THE FILL.
2. ENSURE ALL FILL MATERIAL USED TO FORM THE EMBANKMENT MEETING THE SPECIFICATIONS CERTIFIED BY A SOIL SCIENTIST OR GEOTECHNICAL SPECIALIST.
3. THE FILL MATERIAL MUST CONTAIN SUFFICIENT MOISTURE SO IT CAN BE FORMED BY HAND INTO A BALL WITHOUT CRUMBLING. IF WATER CAN BE SQUEEZED OUT OF THE BALL, IT IS TOO WET FOR PROPER COMPACTION. PLACE FILL MATERIAL IN 150 TO 250MM CONTINUOUS LAYERS OVER THE ENTIRE LENGTH OF THE FILL AREA THEN COMPACT BEFORE PLACEMENT OF FURTHER FILL.
4. PLACE RISER PIPE OUTLET SYSTEM, IF SPECIFIED, IN APPROPRIATE SEQUENCE WITH THE EMBANKMENT FILLING. REFER TO SPECIFICATIONS SUPPLIED BELOW.
5. UNLESS OTHERWISE SPECIFIED ON THE APPROVED PLANS, COMPACT THE SOIL AT ABOUT 1% TO 2% WET OF OPTIMUM AND TO 95% MODIFIED OR 100% STANDARD COMPACTION.
6. WHERE BOTH DISPERSIVE AND NON-DISPERSIVE CLASSIFIED EARTH-FILL MATERIALS ARE AVAILABLE, NON-DISPERSIVE EARTH-FILL MUST BE USED IN THE CORE ZONE. THE REMAINING CLASSIFIED EARTH-FILL MATERIALS MUST ONLY BE USED AS DIRECTED BY (INSERT FILE).
7. WHEN SPITTED, CONSTRUCT THE EMBANKMENT TO AN ELEVATION 10% HIGHER THAN THE DESIGN HEIGHT TO ALLOW FOR SETTLING. OTHERWISE FINISHED DIMENSIONS OF THE EMBANKMENT AFTER SPREADING OF TOPSOIL MUST CONFORM TO THE DRAWING WITH A TOLERANCE OF 75MM FROM THE SPECIFIED DIMENSIONS.
8. ENSURE DEBRIS AND OTHER UNSUITABLE BUILDING WASTE IN NOT PLACED WITHIN THE EARTH EMBANKMENT.
9. AFTER COMPLETION OF THE EMBANKMENT ALL LOOSE UNCOMPACTED EARTH-FILL MATERIAL OF THE UPSTREAM AND DOWNSTREAM BATTER MUST BE REMOVED PRIOR TO SPREADING OF TOPSOIL.
10. TOPSOIL AND REVEGETATE/STABILISE ALL EXPOSED EARTH AS DIRECTED WITHIN THE APPROVED PLANS.

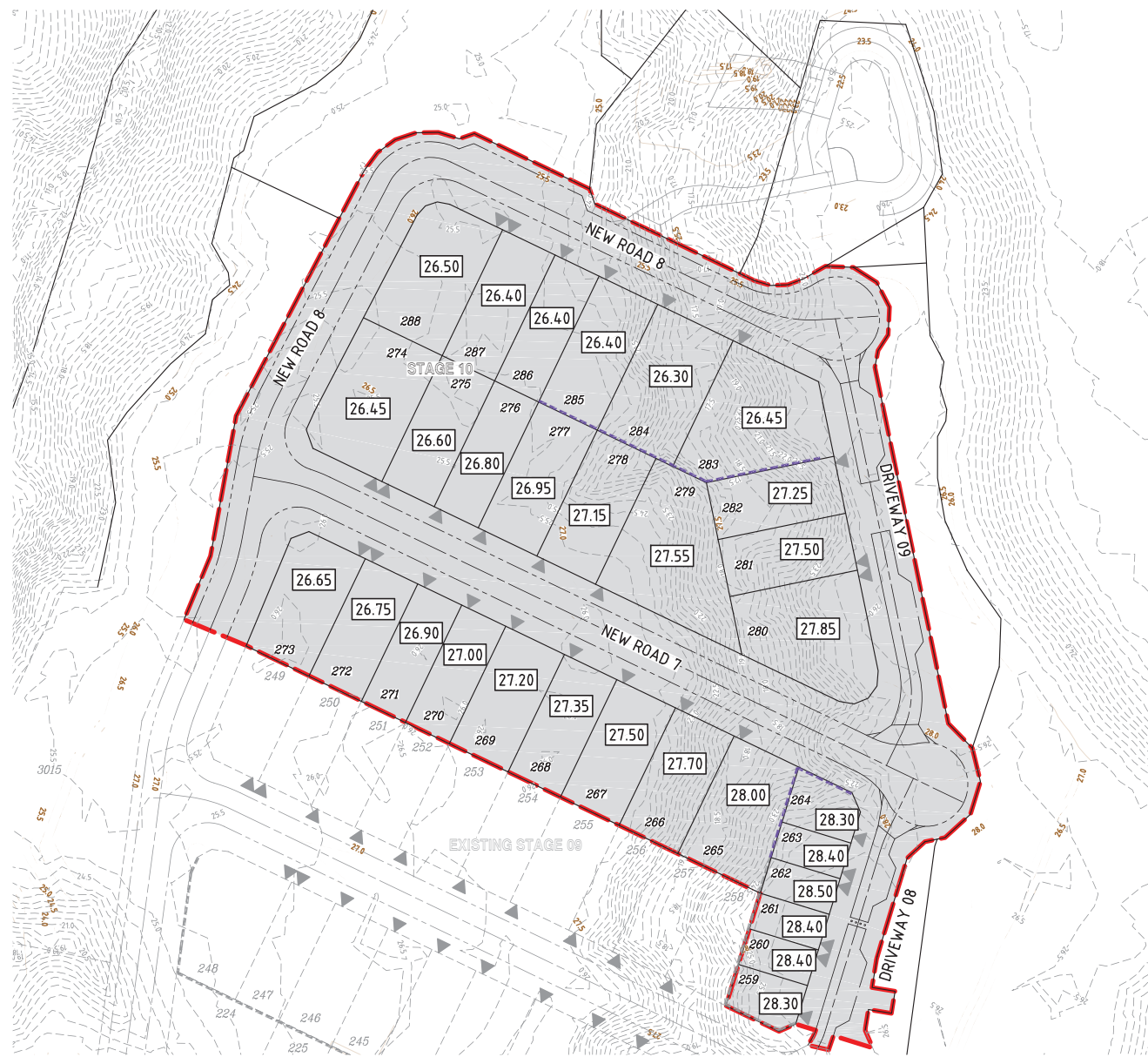
1. THE AREA TO BE COVERED BY THE STORED WATER OUTSIDE THE LIMITS OF THE BORROW PITS MUST BE CLEARED OF ALL SCRUB AND RUBBISH. TREES MUST BE CUT DOWN STUMP HIGH AND REMOVED FROM THE IMMEDIATE VICINITY OF THE WORK.
2. ESTABLISH ALL REQUIRED INFLOW CHUTES AND INLET BAFFLES, IF SPECIFIED, TO ENABLE WATER TO DISCHARGE INTO THE BASIN IN A MANNER THAT WILL NOT CAUSE SOIL EROSION NOR THE RE-SUSPENSION OF SETTLED SEDIMENT.
3. INSTALL A SEDIMENT STORAGE LEVEL MARKER POST WITH A CROSS MEMBER SET JUST BELOW THE TOP OF THE SEDIMENT STORAGE ZONE (AS SPECIFIED ON THE APPROVED PLANS). USE AT LEAST A 75MM WIDE POST FIRMLY SET INTO THE BASIN FLOOR.
4. IF SPECIFIED, INSTALL INTERNAL SETTLING POND BAFFLES. ENSURE THE CREST OF THESE BAFFLES IS SET LEVEL WITH OR JUST BELOW, THE ELEVATION OF THE EMERGENCY SPILLWAY CREST.
5. INSTALL ALL APPROPRIATE MEASURE TO MINIMISE SAFETY RISK TO ON-SITE PERSONNEL AND THE PUBLIC CAUSED BY THE PRESENCE OF THE SETTLING POND. AVOID STEEP, SMOOTH INTERNAL SLOPES. APPROPRIATELY FENCE THE SETTLING POND AND POST WARNING SIGNS IF UNSUPERVISED ACCESS IS LIKELY OR THERE IS CONSIDERED TO BE AN UNACCEPTABLE RISK TO THE PUBLIC.

1. THE SPILLWAY MUST BE EXCAVATED AS SHOWN ON THE PLANS, AND THE EXCAVATED MATERIAL IF CLASSIFIED AS SUITABLE, MUST BE USED IN THE EMBANKMENT, AND IF NOT SUITABLE IT MUST BE DISPOSED OF INTO SPOIL HEAPS.
2. ENSURE EXCAVATED DIMENSIONS ALLOW ADEQUATE BOXING-OUT SUCH THAT THE SPECIFIED ELEVATIONS, GRADES, CHUTE WIDTH, AND ENTRANCE AND EXIT SLOPES FOR THE EMERGENCY SPILLWAY WILL BE ACHIEVED AFTER PLACEMENT OF THE ROCK OR OTHER SCOUR PROTECTION MEASURES AS SPECIFIED IN THE PLANS.
3. PLACE SPECIFIED SCOUR PROTECTION MEASURES ON THE EMERGENCY SPILLWAY. ENSURE THE FINISHED GRADE BLENDS WITH THE SURROUNDING AREA TO ALLOW A SMOOTH FLOW TRANSITION FROM SPILLWAY TO DOWNSTREAM CHANNEL.
4. IF A SYNTHETIC FILTER FABRIC UNDERLAY IS SPECIFIED, PLACE THE FILTER FABRIC DIRECTLY ON THE PREPARED FOUNDATION. IF MORE THAN 1 SHEET OF FILTER FABRIC IS REQUIRED, OVERLAP THE EDGES BY AT LEAST 300MM AND PLACE ANCHOR PINS AT A MINIMUM 1M SPACING ALONG THE OVERLAP. BURY THE UPSTREAM END OF THE FABRIC A MINIMUM 300MM BELOW GROUND AND WHERE NECESSARY, BURY THE LOWER END OF THE FABRIC OR OVERLAP A MINIMUM 300MM OVER THE NEXT DOWNSTREAM SECTION AS REQUIRED. ENSURE THE FILTER FABRIC EXTENDS AT LEAST 1000MM UPSTREAM OF THE SPILLWAY CREST.
5. TAKE CARE NOT TO DAMAGE THE FABRIC DURING OR AFTER PLACEMENT. IF DAMAGE OCCURS, REMOVE THE ROCK AND REPAIR THE SHEET BY ADDING ANOTHER LAYER OF FABRIC WITH A MINIMUM OVERLAP OF 300MM AROUND THE DAMAGED AREA. IF EXTENSIVE DAMAGE IS SUSPECTED, REMOVE AND REPLACE THE ENTIRE SHEET.
6. WHERE LARGE ROCK IS USED, OR MACHINE PLACEMENT IS DIFFICULT, A MINIMUM 100MM LAYER OF FINE GRAVEL, AGGREGATE, OR SAND MAY BE NEEDED TO PROTECT THE FABRIC.
7. PLACEMENT OF ROCK SHOULD FOLLOW IMMEDIATELY AFTER PLACEMENT OF THE FILTER FABRIC. PLACE ROCK SO THAT IT FORMS A DENSE, WELL-GRADED MASS OF ROCK WITH A MINIMUM OF VOIDS. THE DESIRED DISTRIBUTION OF ROCK THROUGHOUT THE MASS MAY BE OBTAINED BY SELECTIVE LOADING AT THE QUARRY AND CONTROLLED DUMPING DURING FINAL PLACEMENT.
8. THE FINISHED SLOPE SHOULD BE FREE OF POCKETS OF SMALL ROCK OR CLUSTERS OF LARGE ROCKS. HAND PLACING MAY BE NECESSARY TO ACHIEVE THE PROPER DISTRIBUTION OF ROCK SIZES TO PRODUCE A RELATIVELY SMOOTH, UNIFORM SURFACE. THE FINISHED GRADE OF THE ROCK SHOULD BLEND WITH THE SURROUNDING AREA. NO OVERFALL OR PROTRUSION OF ROCK SHOULD BE APPARENT.
9. ENSURE THAT THE FINAL ARRANGEMENT OF THE SPILLWAY CREST WILL NOT PROMOTE EXCESSIVE FLOW THROUGH THE ROCK SUCH THAT THE WATER CAN BE RETAINED WITHIN THE SETTLING BASIN AN ELEVATION NO LESS THAN 50MM ABOVE OR BELOW THE NOMINATED SPILLWAY CREST ELEVATION.

1. INSPECT THE SEDIMENT BASIN DURING THE FOLLOWING PERIODS:
 - (i) DURING CONSTRUCTION TO DETERMINE WHETHER MACHINERY, FALLING TREES, OR CONSTRUCTION ACTIVITY HAS DAMAGED ANY COMPONENTS OF THE SEDIMENT BASIN. IF DAMAGE HAS OCCURRED, REPAIR IT.
 - (ii) AFTER EACH RUNOFF EVENT. INSPECT THE EROSION DAMAGE AT FLOW ENTRY AND EXIT POINTS. IF DAMAGE HAS OCCURRED, MAKE THE NECESSARY REPAIRS.
 - (iii) AT LEAST WEEKLY DURING THE NOMINATED WET SEASON (IF ANY) OTHERWISE AT LEAST FORTNIGHTLY.
 - (i) PRIOR TO, AND IMMEDIATELY AFTER, PERIOD OF "STOP WORK" OR SITE "SHUTDOWN".
2. CLEAN OUT ACCUMULATED SEDIMENT WHEN IT REACHES THE MARKER BOARD/POST, AND RESTORE THE ORIGINAL STORAGE VOLUME. PLACE SEDIMENT IN A DISPOSABLE AREA OR, IF APPROPRIATE, MIX WITH DRY SOIL ON THE SITE.
3. DO NOT DISPOSE OF SEDIMENT IN A MANNER THAT WILL CREATE AN EROSION OR POLLUTION HAZARD.
4. CHECK ALL VISIBLE PIPE CONNECTIONS FOR LEAKS, AND REPAIR AS NECESSARY.
5. CHECK FILL MATERIAL IN THE DAM FOR EXCESSIVE SETTLEMENT, SLUMPING OF THE SLOPES OR PIPING BETWEEN THE CONDUIT AND THE EMBANKMENT; MAKE ALL NECESSARY REPAIRS.
6. REMOVE ALL TRASH AND OTHER DEBRIS FROM THE BASIN AND RISER.
7. SUBMERGED INFLOW PIPES MUST BE INSPECTED AND DE-SILTED (AS REQUIRED) AFTER EACH INFLOW EVENT.

1. WHEN GRADING AND CONSTRUCTION IN THE DRAINAGE AREA ABOVE A TEMPORARY SEDIMENT BASIN IS COMPLETED AND THE DISTURBED AREAS ARE ADEQUATELY STABILISED, THE BASIN MUST BE REMOVED OR OTHERWISE INCORPORATED INTO THE PERMANENT STORMWATER DRAINAGE SYSTEM. IN EITHER CASE, SEDIMENT SHOULD BE CLEARED AND PROPERLY DISPOSED OF AND THE BASIN AREA STABILISED.
2. BEFORE STARTING ANY MAINTENANCE WORK ON THE BASIN OR SPILLWAY, INSTALL ALL NECESSARY SHORT-TERM SEDIMENT CONTROL MEASURES DOWNSTREAM OF THE SEDIMENT BASIN.
3. ALL WATER AND SEDIMENT MUST BE REMOVED FROM THE BASIN PRIOR TO THE DAM'S REMOVAL. DISPOSE OF SEDIMENT AND WATER IN A MANNER THAT WILL NOT CREATE AN EROSION OR POLLUTION HAZARD.
4. BRING THE DISTURBED AREA TO A PROPER GRADE, THEN SMOOTH, COMPACT, AND STABILISE AND/OR REVEGETATE AS REQUIRED TO ESTABLISH A STABLE LAND SURFACE.

Drawn DF	Designed JB	Checked MAS	Date APR' 26
Scale AS SHOWN			Sheet 21 of 23
A1	Drawing No 24-280- 21		Revision A



PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4919

Date: 29 July 2026



LEGEND

-
- STAGE BOUNDARY
- PROPOSED ROAD CENTRELINE
- BARRIER KERB AND CHANNEL (TYPE B1)
- BARRIER KERB (TYPE B2)
- MOUNTABLE KERB AND CHANNEL (TYPE M1)
- FINISHED SURFACE CONTOURS
- NATURAL SURFACE CONTOURS
- CONCRETE SLEEPER RETAINING WALL
- EXISTING SLEEPER RETAINING WALL
- PREFERRED BENCH LEVEL
- 22.45
- NOMINATED DRIVEWAY LOCATION



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LOCALITY PLAN

STAGE 10



REVISIONS

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Client	
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Project	
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RIVERMONT
PRECINCT 2
STAGE 10



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Date: 2026.04.27
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Drawing Title
PREFERRED BENCHING PLAN

Drawn DF	Designed JB	Checked MAS	Date APR '26
Scale AS SHOWN			Sheet 22 of 23
A1	Drawing No 24-280-22		Revision A